Test Report

Product Name	：	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861
Model No.	：	Tablet: RCK-T07, RCK-T07S; Dongle: RCK-T07R, RCK-T07RS
FCC ID.	：	Tablet: UBBRCKT07, Dongle: UBBRCKT07R

Applicant	：	WALTOP International Corp.
Address	：	3F, No.6-8 Du-Sing RD., Hsin-Chu Science Park, Hsin-Chu City 30078, Taiwan, R.O.C.

Date of Receipt	：	2010/12/30
Issued Date	：	2011/02/09
Report No.	：	111085R-RFUSP42V01
Report Version	：	V1.0

Test Report Certification

Issued Date : 2011/02/09
Report No. : 111085R-RFUSP42V01

QuieTek

Product Name	:	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861
Applicant	:	WALTOP International Corp.
Address	:	3F, No.6-8 Du-Sing RD., Hsin-Chu Science Park, Hsin-Chu City 30078, Taiwan, R.O.C.
Manufacturer	:	WALTOP International Corp.
Model No.	:	Tablet: RCK-T07, RCK-T07S; Dongle: RCK-T07R, RCK-T07RS
FCC ID.	:	Tablet: UBBRCKT07, Dongle: UBBRCKT07R
EUT Voltage	:	AC 120 V / 60 Hz
Trade Name	:	LUIDIA, WALTOP
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247:2009
Test Result	:	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : Sandy Chuang

(Sandy Chuang / Engineering Adm. Specialist)

Tested By : JuBo Shen

(JuBo Shen / Engineer)

Approved By : Roy Wang

(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

Product Name	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861
Trade Name	WALTOP, LUIDIA
Model No.	Tablet: RCK-T07, RCK-T07S; Dongle: RCK-T07R, RCK-T07RS
Frequency Range	2402~2479MHz
Channel Number	78
Type of Modulation	Direct Sequence Spread Spectrum (DSSS)
Antenna Gain	-0.51dBi (Tablet) -3.67dBi (Dongle)
Channel Control	Auto
Antenna Type	Soldered on PCB

Component	
USB Cable	Shielded, 1.5m, two ferrite cores bonded.

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01	2402 MHz	Channel 21	2422 MHz	Channel 41	2442 MHz	Channel 61	2462 MHz
Channel 02	2403 MHz	Channel 22	2423 MHz	Channel 42	2443 MHz	Channel 62	2463 MHz
Channel 03	2404 MHz	Channel 23	2424 MHz	Channel 43	2444 MHz	Channel 63	2464 MHz
Channel 04	2405 MHz	Channel 24	2425 MHz	Channel 44	2445 MHz	Channel 64	2465 MHz
Channel 05	2406 MHz	Channel 25	2426 MHz	Channel 45	2446 MHz	Channel 65	2466 MHz
Channel 06	2407 MHz	Channel 26	2427 MHz	Channel 46	2447 MHz	Channel 66	2467 MHz
Channel 07	2408 MHz	Channel 27	2428 MHz	Channel 47	2448 MHz	Channel 67	2468 MHz
Channel 08	2409 MHz	Channel 28	2429 MHz	Channel 48	2449 MHz	Channel 68	2469 MHz
Channel 09	2410 MHz	Channel 29	2430 MHz	Channel 49	2450 MHz	Channel 69	2470 MHz
Channel 10	2411 MHz	Channel 30	2431 MHz	Channel 50	2451 MHz	Channel 70	2471 MHz
Channel 11	2412 MHz	Channel 31	2432 MHz	Channel 51	2452 MHz	Channel 71	2472 MHz
Channel 12	2413 MHz	Channel 32	2433 MHz	Channel 52	2453 MHz	Channel 72	2473 MHz
Channel 13	2414 MHz	Channel 33	2434 MHz	Channel 53	2454 MHz	Channel 73	2474 MHz
Channel 14	2415 MHz	Channel 34	2435 MHz	Channel 54	2455 MHz	Channel 74	2475 MHz
Channel 15	2416 MHz	Channel 35	2436 MHz	Channel 55	2456 MHz	Channel 75	2476 MHz
Channel 16	2417 MHz	Channel 36	2437 MHz	Channel 56	2457 MHz	Channel 76	2477 MHz
Channel 17	2418 MHz	Channel 37	2438 MHz	Channel 57	2458 MHz	Channel 77	2478 MHz
Channel 18	2419 MHz	Channel 38	2439 MHz	Channel 58	2459 MHz	Channel 78	2479 MHz
Channel 19	2420 MHz	Channel 39	2440 MHz	Channel 59	2460 MHz		
Channel 20	2421 MHz	Channel 40	2441 MHz	Channel 60	2461 MHz		

Note:

1. This device is a Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861 included a 2.4GHz receiving function, and 2.4GHz transmitting function.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
3. Regards to the frequency band operation; the highest rate that was included the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 111085R-RFUSP37V02 under Declaration of Conformity.

1.2. Operational Description

The EUT is 2.4GHz Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861. The frequency range operates at 2402MHz to 2479MHz with 1MHz channel spacing. The type of modulation is DSSS mode. The total channels have 78 frequencies. The type of modulation is DSSS. The soldered on PCB antenna gain is -0.51dBi & -3.67dBi.

Plug receiver dongle to your PC，Press at least 3 seconds to power on Wireless Tablet，Press the biding button on the back side of the tablet and biding，button of the receiver dongle at the same time，The LCD of Tablet will blank and the blue LED of receiver dongle blank also，Once the binding is successful, the number on the LCD will show 000 to 001 or others (if binding more than one Wireless Tablet).

Since there are power saving design with our pen, please always，have our pen to tip on any area of the tablet first to wake up the pen before you start use tablet，Check it the information of LCD indictor is display correctly，If yes, you can start to use it freely.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	
EMI	Mode 1: Transmit (Tablet) Mode 2: Transmit (Dongle)
Final Test Mode	
TX	Mode 1: Transmit (Tablet) Mode 2: Transmit (Dongle)

1.4. Tested System Details

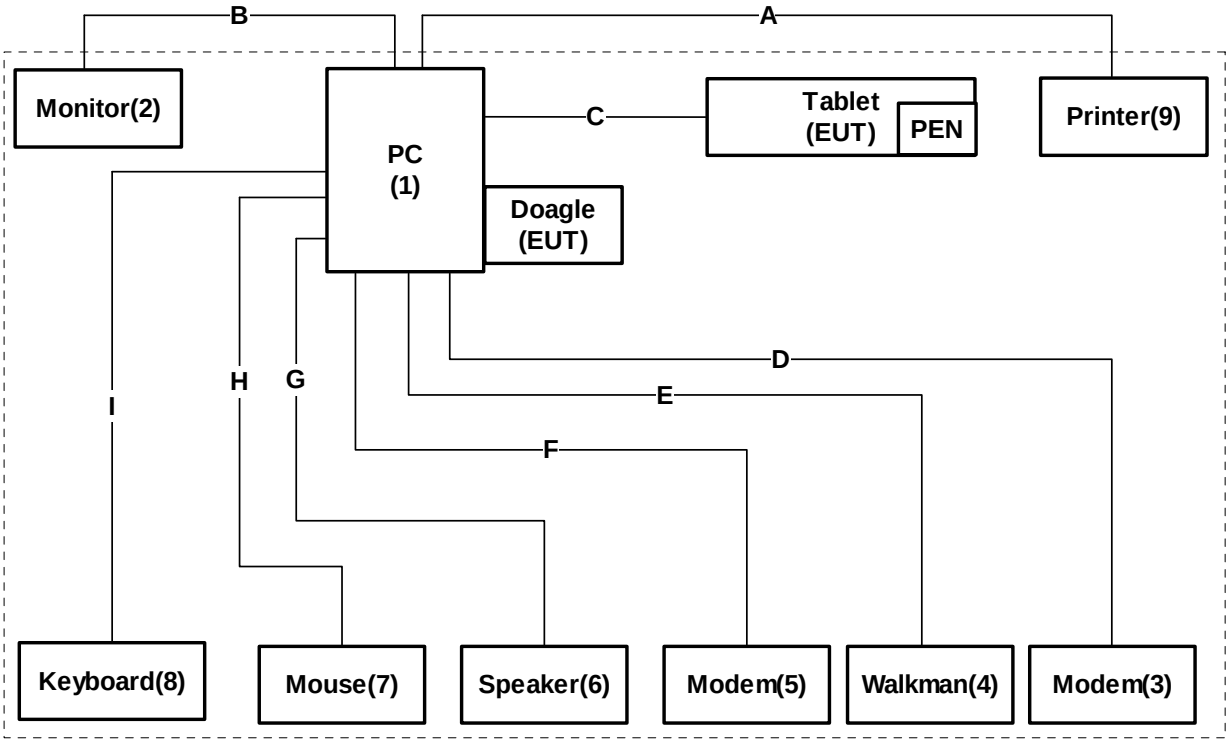
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode		Mode 1: Transmit (Tablet)				
Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	PC	HP	DTPC27	SG21200950	DoC	Non-shielded, 1.8m
2	Monitor	CHI MEI	A170E1-09	3UC120955SA1249	DoC	Non-shielded, 1.8m
3	Modem	ACEEX	DM-1414	0102027543	DoC	Non-shielded, 1.6m
4	Walkman	AIWA	US-J202	I20201	DoC	--
5	Modem	ACEEX	DM-2814	960018054	DoC	Non-shielded, 1.6m
6	Speaker	Polk Audio	205	N/A	DoC	--
7	Mouse	Logitech	M-SBF83	HCA52200288	DoC	--
8	Keyboard	ACER	6311-TW2C	N/A	DoC	--
9	Printer	HP	C2642A	MY75L1D2XN	DoC	Non-shielded, 0.7m
10	PEN	Electromagnetic induction pen	M3A-020	N/A	DoC	--
Test Mode		Mode 2: Transmit (Dongle)				
Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	PC	HP	DTPC27	SG21200950	DoC	Non-shielded, 1.8m
2	Monitor	CHI MEI	A170E1-09	3UC120955SA1249	DoC	Non-shielded, 1.8m
3	Modem	ACEEX	DM-1414	0102027543	DoC	Non-shielded, 1.6m
4	Walkman	AIWA	US-J202	I20201	DoC	--
5	Modem	ACEEX	DM-2814	960018054	DoC	Non-shielded, 1.6m
6	Speaker	Polk Audio	205	N/A	DoC	--
7	Mouse	Logitech	M-SBF83	HCA52200184	DoC	--
8	Mouse	Logitech	M-SBF83	HCA52200288	DoC	--
9	Keyboard	ACER	6311-TW2C	N/A	DoC	--
10	Printer	HP	C2642A	MY75L1D2XN	DoC	Non-shielded, 0.7m

1.5. Configuration of tested System

Test Mode	Mode 1: Transmit (Tablet)

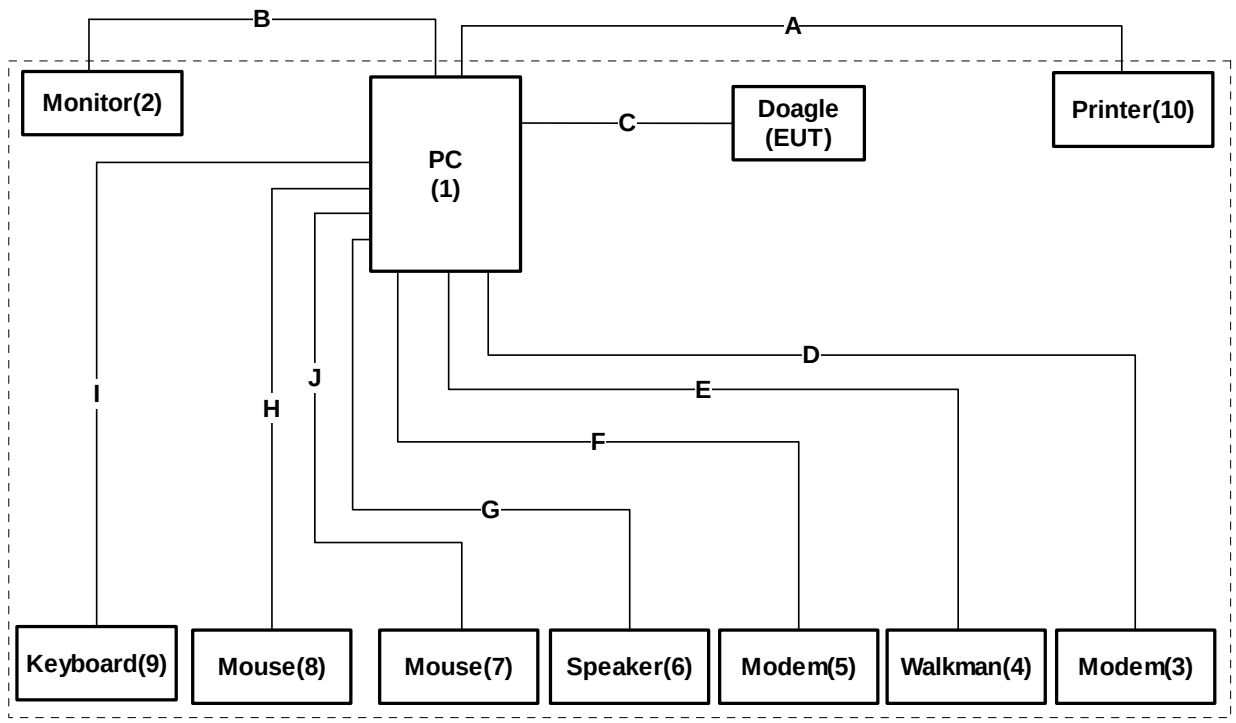
Connection Diagram



Signal Cable Type		Signal cable Description
A	Printer Cable	Shielded, 1.2m
B	VGA Cable	Shielded, 1.8m, two ferrite cores bonded.
C	USB Cable	Shielded, 1.5m, two ferrite cores bonded.
D	Modem Cable	Shielded, 1.5m
E	Walkman Cable	Non-Shielded, 1.6m
F	Modem Cable	Shielded, 1.5m
G	Speaker Cable	Non-Shielded, 1.2m
H	Mouse Cable	Shielded, 1.8m
I	Keyboard Cable	Shielded, 1.5m

Test Mode	Mode 2: Transmit (Dongle)

Connection Diagram



Signal Cable Type		Signal cable Description
A	Printer Cable	Shielded, 1.2m
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C	USB Cable	Shielded, 1.5m, two ferrite cores bonded.
D	Modem Cable	Shielded, 1.5m
E	Walkman Cable	Non-Shielded, 1.6m
F	Modem Cable	Shielded, 1.5m
G	Speaker Cable	Non-Shielded, 1.2m
H	Mouse Cable	Shielded, 1.8m
I	Keyboard Cable	Shielded, 1.5m
J	Mouse Cable	Shielded, 1.0m

1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5
2	Turn on the power of all equipment.
3	Notebook PC reads data from disk.
4	Data will be transmitting through EUT.
5	The transmitting status will be shown on the monitor.
6	Repeat the above procedure (4) to (5)

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description: September 27, 2010 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520

Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2013

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2011

Site Name: Quietek Corporation

Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Peak Power Output

2.1. Test Equipment

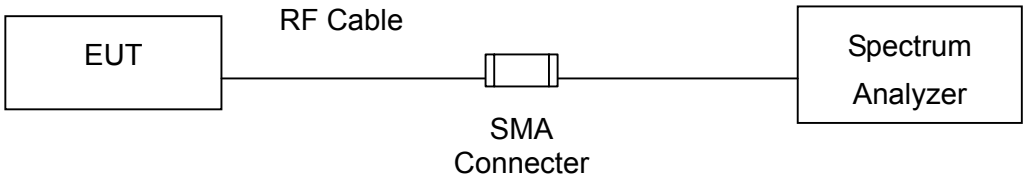
The following test equipment are used during the test:

Peak Power Output / No.7 Shielding Room

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

Note: 1. All instruments are calibrated every one year.

2.2. Test Setup



2.3. Test procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

2.4. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

2.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

2.6. Test Result

Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit (Tablet)		
Date of Test	2011/01/20	Test Site	No.7 Shielding Room

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2402	-0.52	1Watt= 30 dBm	Pass
39	2440	-1.24	1Watt= 30 dBm	Pass
78	2479	-1.67	1Watt= 30 dBm	Pass

Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Peak Power Output		
Test Mode	Mode 2: Transmit (Dongle)		
Date of Test	2011/01/10	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2402	-9.5	1Watt= 30 dBm	Pass
39	2440	-9.2	1Watt= 30 dBm	Pass
78	2479	-10.0	1Watt= 30 dBm	Pass

3. Conducted Emission

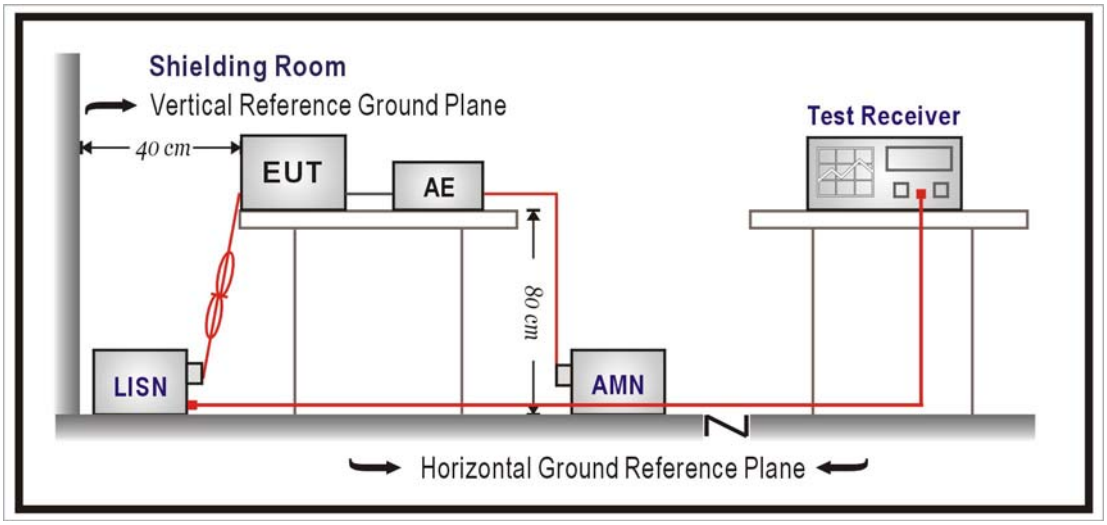
3.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/018	Sep., 2006	
2	Artificial Mains Network	R & S	ENV4200/848411/10	Feb., 2007	Peripherals
3	LISN	R & S	ESH3-Z5/825562/002	Feb., 2007	EUT
4	Pulse Limiter	R & S	ESH3-Z2/357.8810.52	Feb., 2007	
5	No.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

3.2. Test Setup



3.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

3.5. Test Specification

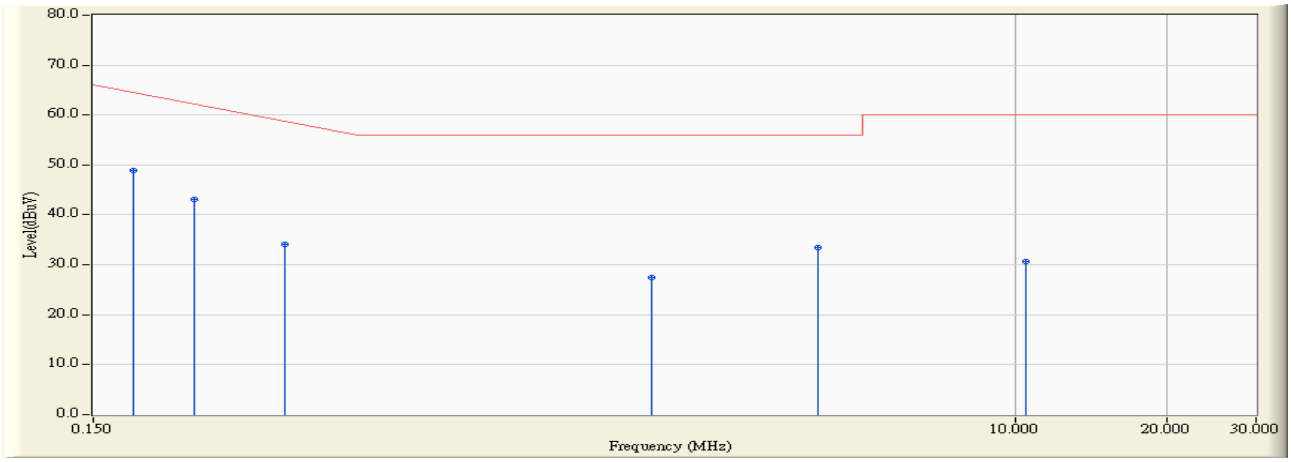
According to FCC Part 15 Subpart C Paragraph 15.207: 2009

3.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

3.7. Test Result

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 19:39
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmit (Tablet)

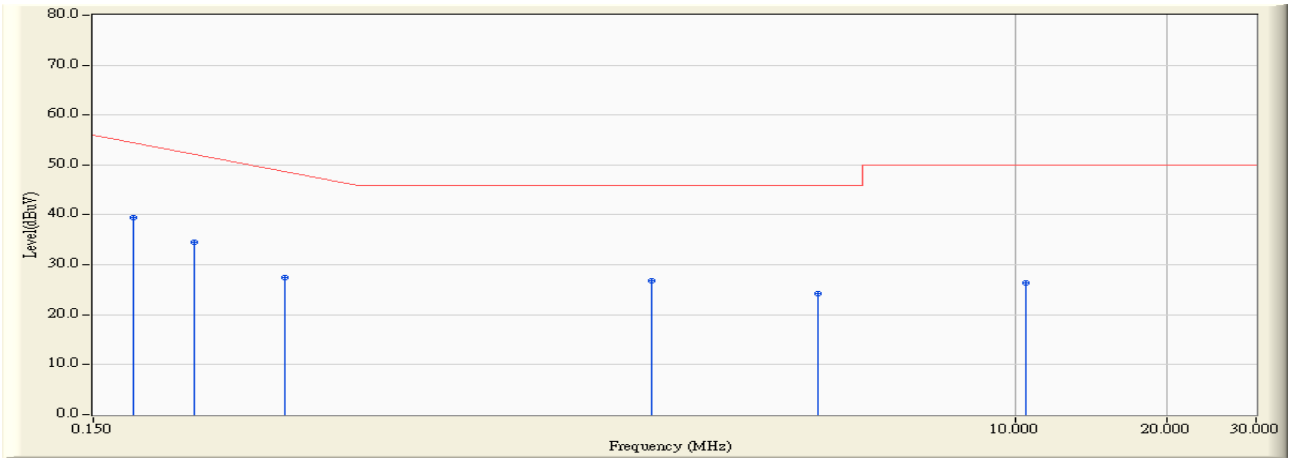


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.180	0.147	48.820	48.967	-16.176	65.143	QUASIPEAK
2		0.238	0.160	42.880	43.040	-20.446	63.486	QUASIPEAK
3		0.358	0.190	33.920	34.110	-25.947	60.057	QUASIPEAK
4		1.915	0.370	27.140	27.510	-28.490	56.000	QUASIPEAK
5		4.075	0.430	33.030	33.460	-22.540	56.000	QUASIPEAK
6		10.543	0.730	29.940	30.670	-29.330	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 19:39
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line1
Power : AC 120V/60Hz	Note : Mode 1: Transmit (Tablet)

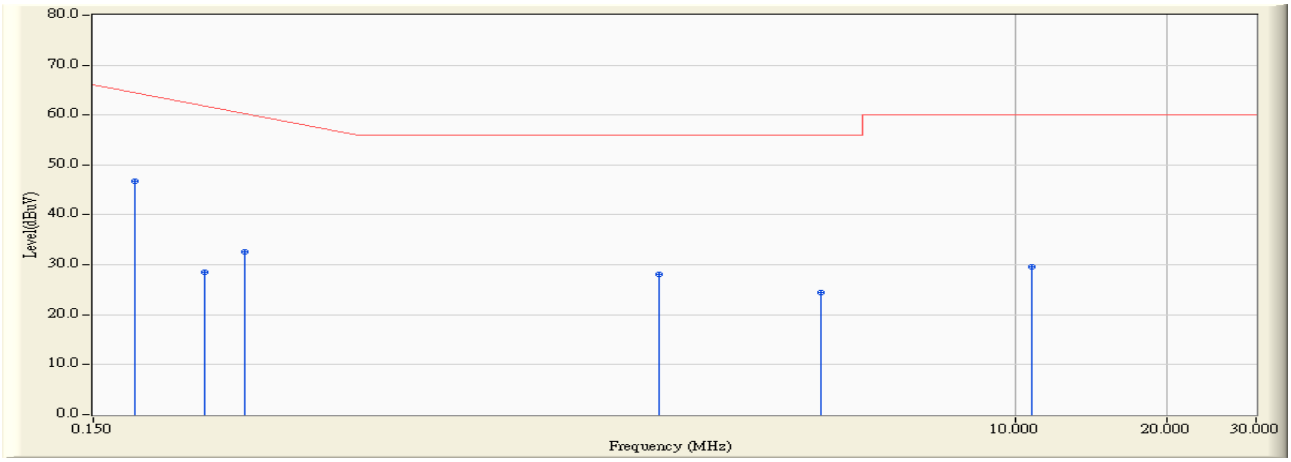


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.180	0.147	39.220	39.367	-15.776	55.143	AVERAGE
2		0.238	0.160	34.370	34.530	-18.956	53.486	AVERAGE
3		0.358	0.190	27.330	27.520	-22.537	50.057	AVERAGE
4		1.915	0.370	26.520	26.890	-19.110	46.000	AVERAGE
5		4.075	0.430	23.800	24.230	-21.770	46.000	AVERAGE
6		10.543	0.730	25.740	26.470	-23.530	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 19:44
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmit (Tablet)

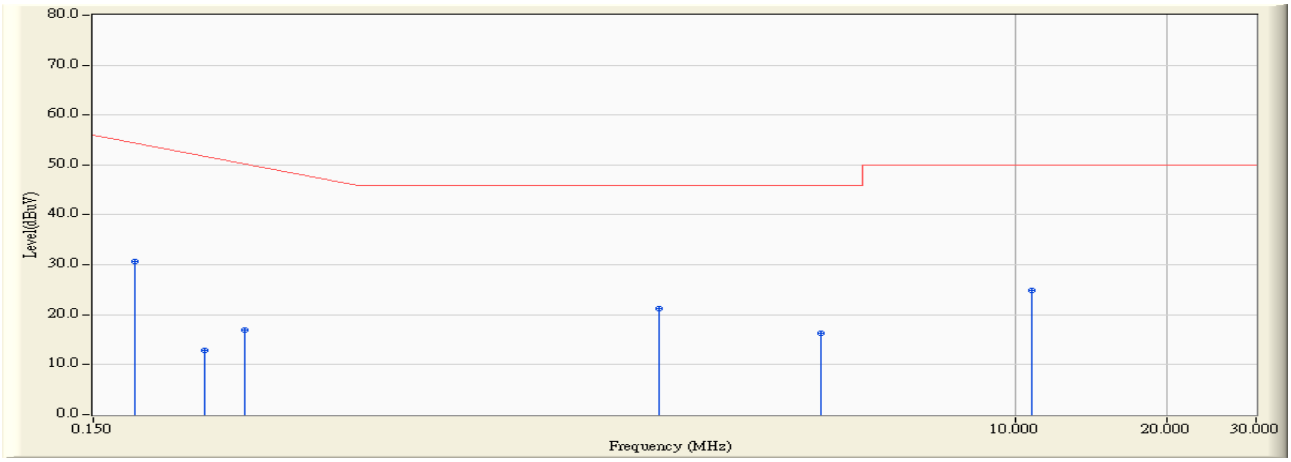


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.181	0.147	46.550	46.697	-18.417	65.114	QUASIPEAK
2		0.249	0.160	28.270	28.430	-34.741	63.171	QUASIPEAK
3		0.300	0.177	32.500	32.677	-29.037	61.714	QUASIPEAK
4		1.977	0.390	27.620	28.010	-27.990	56.000	QUASIPEAK
5		4.125	0.430	23.970	24.400	-31.600	56.000	QUASIPEAK
6		10.793	0.660	28.880	29.540	-30.460	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 19:44
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line2
Power : AC 120V/60Hz	Note : Mode 1: Transmit (Tablet)

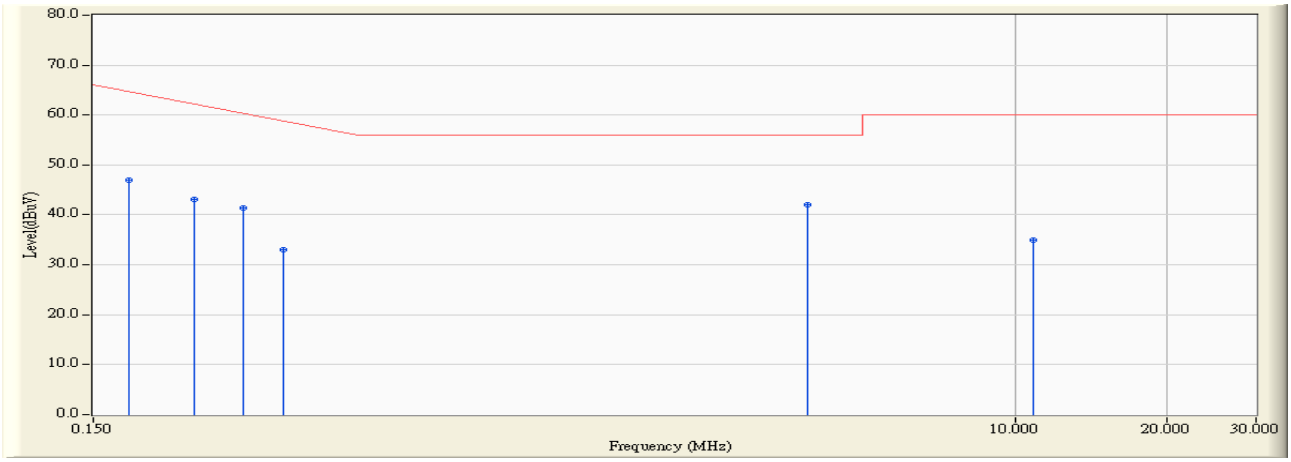


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.181	0.147	30.500	30.647	-24.467	55.114	AVERAGE
2		0.249	0.160	12.630	12.790	-40.381	53.171	AVERAGE
3		0.300	0.177	16.710	16.887	-34.827	51.714	AVERAGE
4		1.977	0.390	20.760	21.150	-24.850	46.000	AVERAGE
5		4.125	0.430	15.780	16.210	-29.790	46.000	AVERAGE
6		10.793	0.660	24.270	24.930	-25.070	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 20:00
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmit (Dongle)

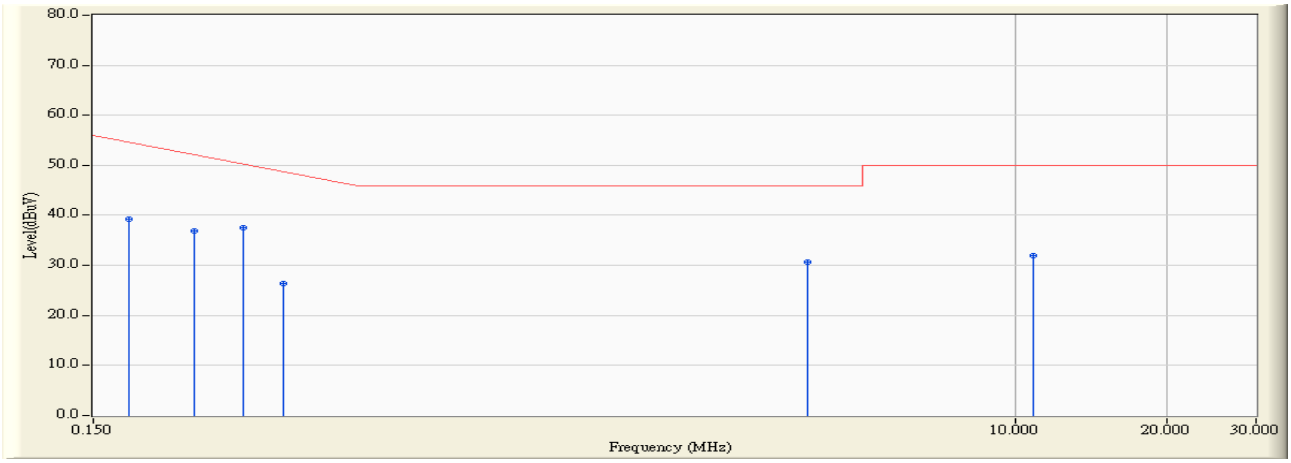


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.176	0.146	46.750	46.896	-18.361	65.257	QUASIPEAK
2		0.237	0.160	42.940	43.100	-20.414	63.514	QUASIPEAK
3		0.298	0.177	41.270	41.447	-20.324	61.771	QUASIPEAK
4		0.356	0.190	32.930	33.120	-26.994	60.114	QUASIPEAK
5	*	3.895	0.430	41.700	42.130	-13.870	56.000	QUASIPEAK
6		10.853	0.750	34.160	34.910	-25.090	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 20:00
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line1
Power : AC 120V/60Hz	Note : Mode 2: Transmit (Dongle)

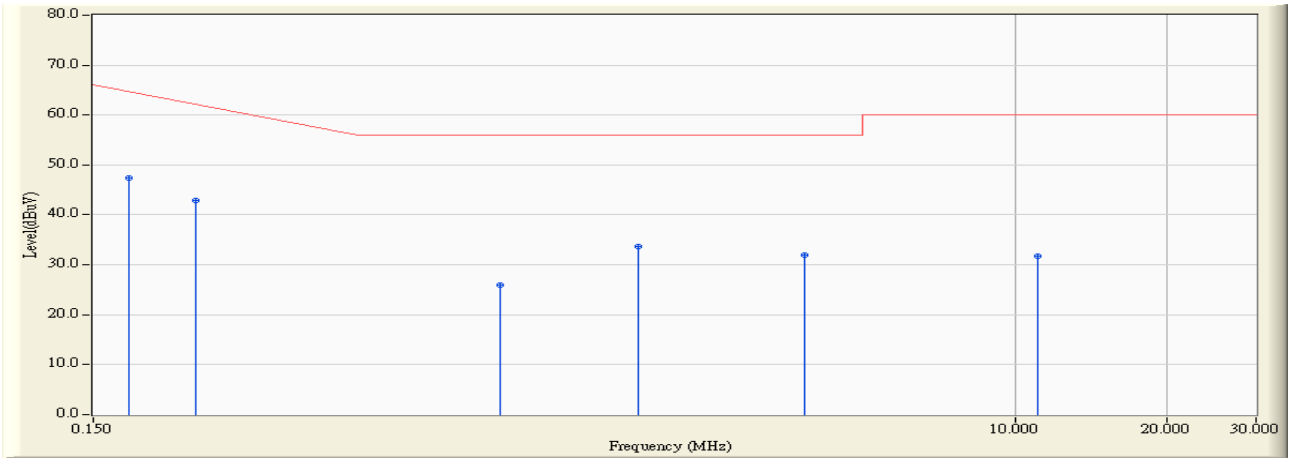


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.176	0.146	39.020	39.166	-16.091	55.257	AVERAGE
2		0.237	0.160	36.740	36.900	-16.614	53.514	AVERAGE
3	*	0.298	0.177	37.250	37.427	-14.344	51.771	AVERAGE
4		0.356	0.190	26.120	26.310	-23.804	50.114	AVERAGE
5		3.895	0.430	30.280	30.710	-15.290	46.000	AVERAGE
6		10.853	0.750	31.250	32.000	-18.000	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 20:04
Limit : CISPR_B_00M_QP	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmit (Dongle)

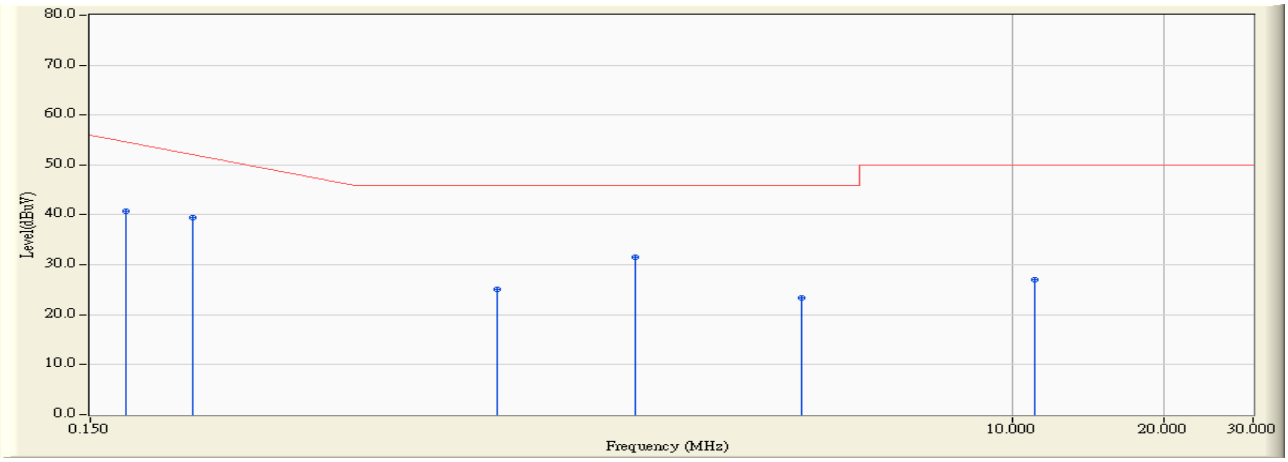


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.177	0.146	47.350	47.496	-17.733	65.229	QUASIPEAK
2		0.240	0.160	42.760	42.920	-20.509	63.429	QUASIPEAK
3		0.956	0.230	25.810	26.040	-29.960	56.000	QUASIPEAK
4		1.796	0.360	33.420	33.780	-22.220	56.000	QUASIPEAK
5		3.830	0.430	31.430	31.860	-24.140	56.000	QUASIPEAK
6		11.088	0.670	31.090	31.760	-28.240	60.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : QuieTek Shielding Room2	Time : 2006/04/19 - 20:04
Limit : CISPR_B_00M_AV	Margin : 0
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : SR3_LISN(16A) - Line2
Power : AC 120V/60Hz	Note : Mode 2: Transmit (Dongle)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.177	0.146	40.620	40.766	-14.463	55.229	AVERAGE
2	*	0.240	0.160	39.240	39.400	-14.029	53.429	AVERAGE
3		0.956	0.230	24.970	25.200	-20.800	46.000	AVERAGE
4		1.796	0.360	31.080	31.440	-14.560	46.000	AVERAGE
5		3.830	0.430	22.980	23.410	-22.590	46.000	AVERAGE
6		11.088	0.670	26.350	27.020	-22.980	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3.8. Test Photo

Test Mode ： Mode 1: Transmit (Tablet)
Description： Front View of Conducted Emission Test Setup

Test Mode ： Mode 1: Transmit (Tablet)
Description： Back View of Conducted Emission Test Setup

Test Mode ： Mode 2: Transmit (Dongle)
Description： Front View of Conducted Emission Test Setup

Test Mode ： Mode 2: Transmit (Dongle)
Description： Back View of Conducted Emission Test Setup

4. Radiated Emission

4.1. Test Equipment

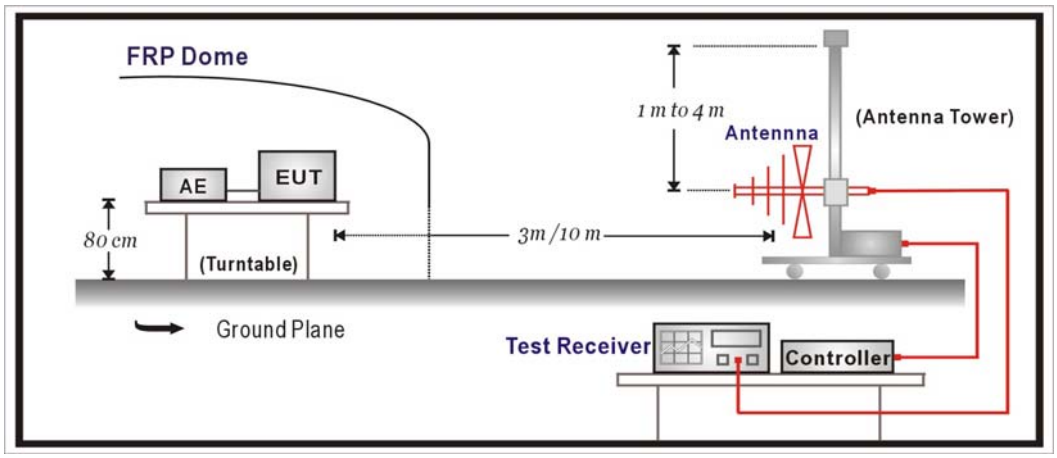
The following test equipment are used during the test:

Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 825442/017	Jan., 2007
2	X	Spectrum Analyzer	Advantest	R3261C / 81720266	N/A
3	X	Pre-Amplifier	HP	8447D / 2944A09276	N/A
4	X	Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2006
5	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2006
6	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2007
7	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Jul., 2006
8	No.1 OATS				Sep., 2006

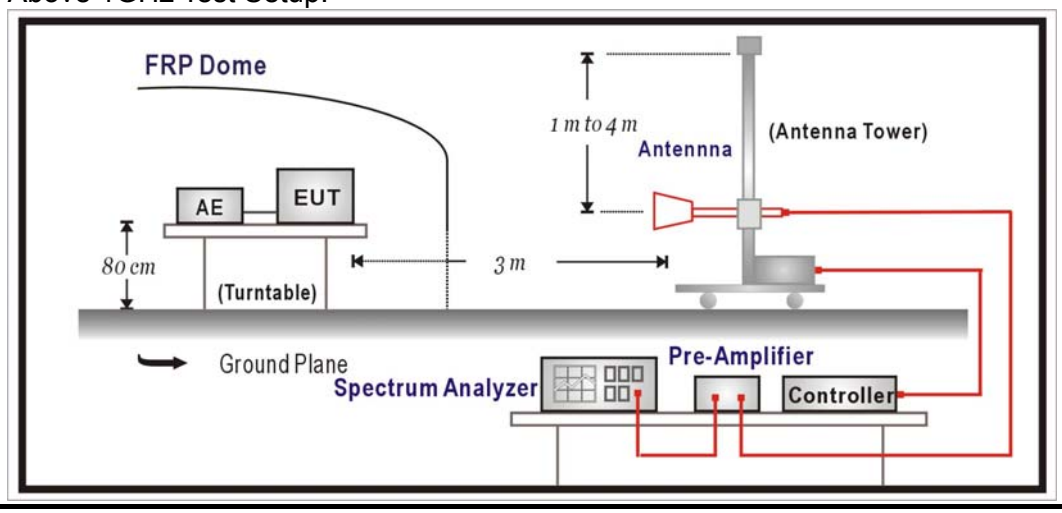
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. “N/A” Ca1.Date is used to Pre-test, not final test.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	dBuV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

4.6. Uncertainty

The measurement uncertainty

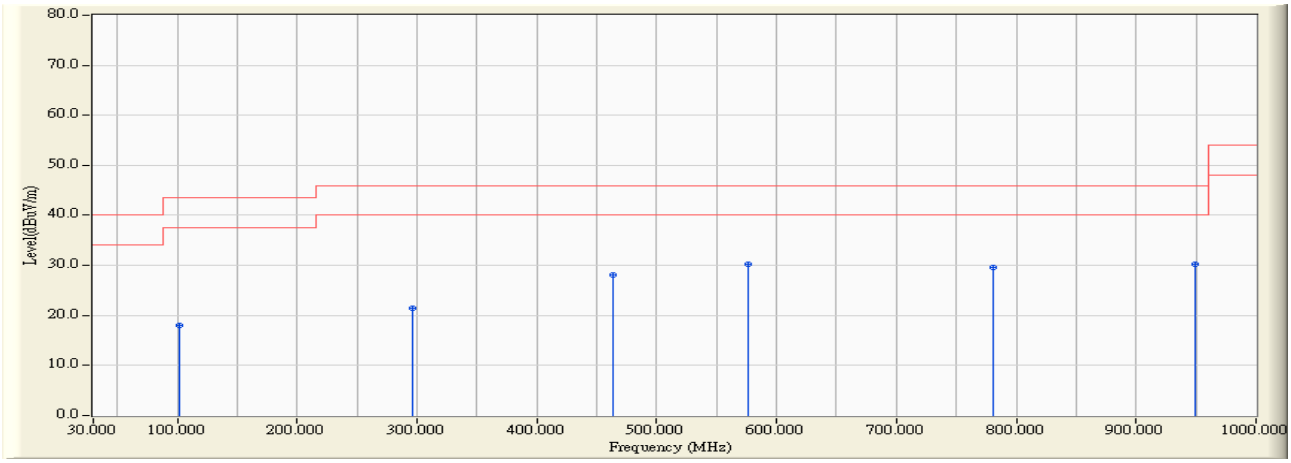
30MHz～1GHz as ±3.43dB

1GHz～26.5Ghz as ±3.65dB

4.7. Test Result

30MHz - 1GHz Spurious:

Site : Site 1	Time : 2007/04/19 - 13:56
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_30-1G(200605) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-39 Mode 1: Transmit (Tablet)

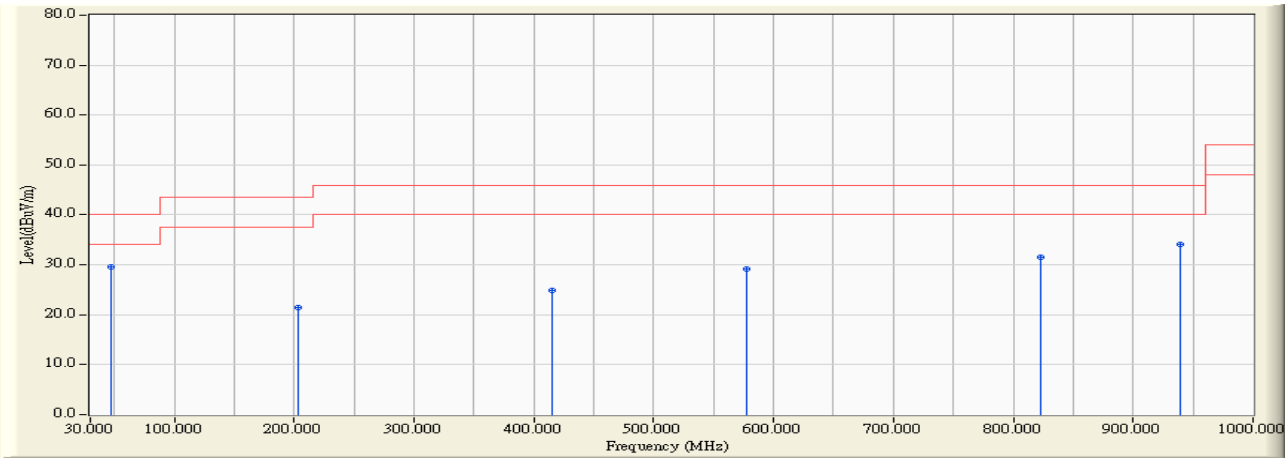


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		101.924	-7.953	25.991	18.038	-25.462	43.500	Quasi-Peak
2		296.313	-4.098	25.600	21.503	-24.497	46.000	Quasi-Peak
3		463.487	3.239	24.828	28.067	-17.933	46.000	Quasi-Peak
4		576.232	5.111	25.132	30.243	-15.757	46.000	Quasi-Peak
5		780.341	4.104	25.473	29.577	-16.423	46.000	Quasi-Peak
6	*	949.459	3.560	26.732	30.292	-15.708	46.000	Quasi-Peak

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2007/04/19 - 13:57
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_30-1G(200605) - VERTICAL
Power : AC 120V/60Hz	Note : TX-39 Mode 1: Transmit (Tablet)

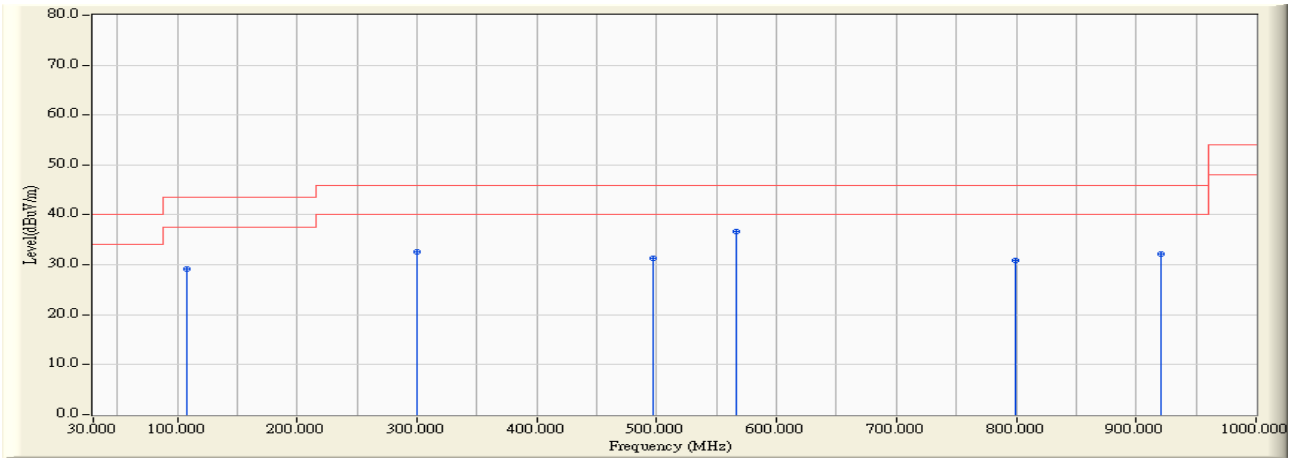


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	47.495	-1.521	31.149	29.628	-10.372	40.000	Quasi-Peak
2		203.006	-3.127	24.471	21.344	-22.156	43.500	Quasi-Peak
3		414.890	-0.338	25.206	24.868	-21.132	46.000	Quasi-Peak
4		578.176	4.216	24.850	29.066	-16.934	46.000	Quasi-Peak
5		823.106	5.196	26.287	31.482	-14.518	46.000	Quasi-Peak
6		939.740	9.014	25.123	34.137	-11.863	46.000	Quasi-Peak

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2007/04/19 - 13:59
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_30-1G(200605) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-39 Mode 2: Transmit (Dongle)

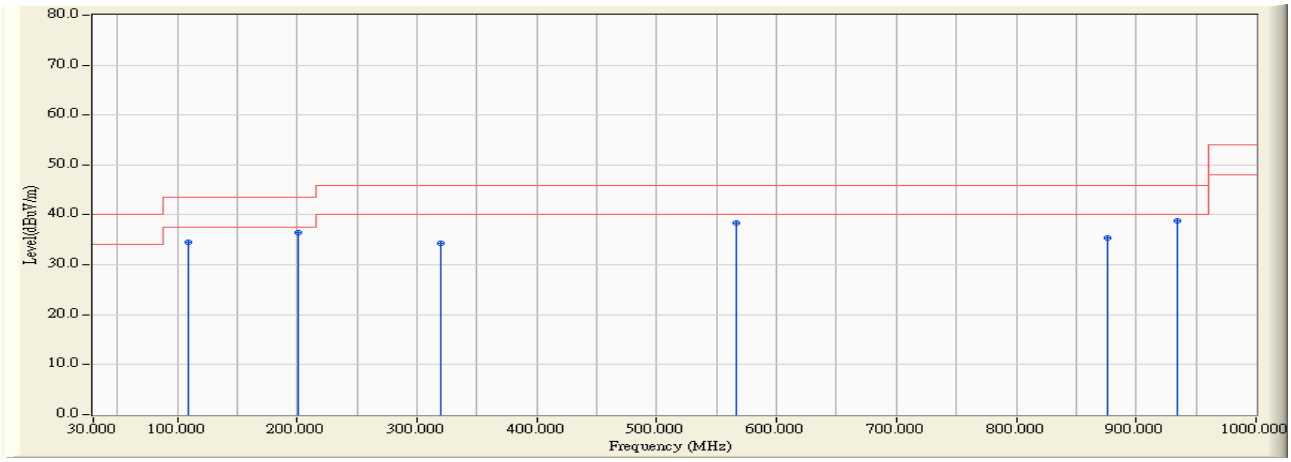


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		107.756	-8.951	38.092	29.141	-14.359	43.500	Quasi-Peak
2		300.200	-3.511	36.185	32.674	-13.326	46.000	Quasi-Peak
3		496.533	-1.757	33.035	31.278	-14.722	46.000	Quasi-Peak
4	*	566.513	4.251	32.337	36.588	-9.412	46.000	Quasi-Peak
5		799.780	3.500	27.311	30.812	-15.188	46.000	Quasi-Peak
6		920.301	4.073	28.014	32.087	-13.913	46.000	Quasi-Peak

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2007/04/19 - 14:00
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_30-1G(200605) - VERTICAL
Power : AC 120V/60Hz	Note : TX-39 Mode 2: Transmit (Dongle)



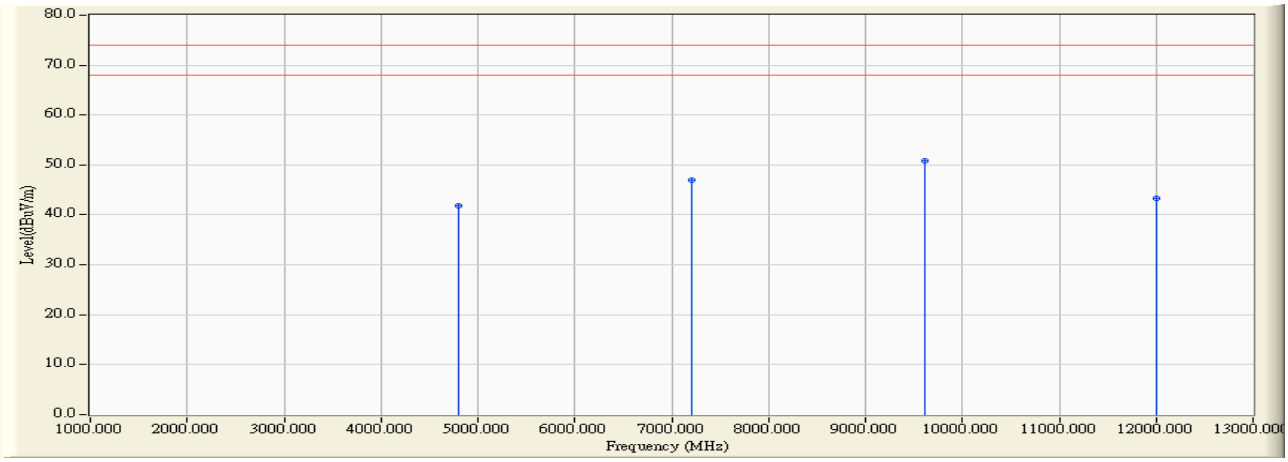
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		109.699	-1.577	36.183	34.606	-8.894	43.500	Quasi-Peak
2	*	201.062	-2.930	39.459	36.529	-6.971	43.500	Quasi-Peak
3		319.639	-4.658	38.877	34.219	-11.781	46.000	Quasi-Peak
4		566.513	3.254	35.048	38.302	-7.698	46.000	Quasi-Peak
5		875.591	4.196	31.141	35.337	-10.663	46.000	Quasi-Peak
6		933.908	7.251	31.583	38.834	-7.166	46.000	Quasi-Peak

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Above 1GHz Spurious:

Site : Site 1	Time : 2007/04/20 - 14:59
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-01 Mode 1: Transmit (Tablet)

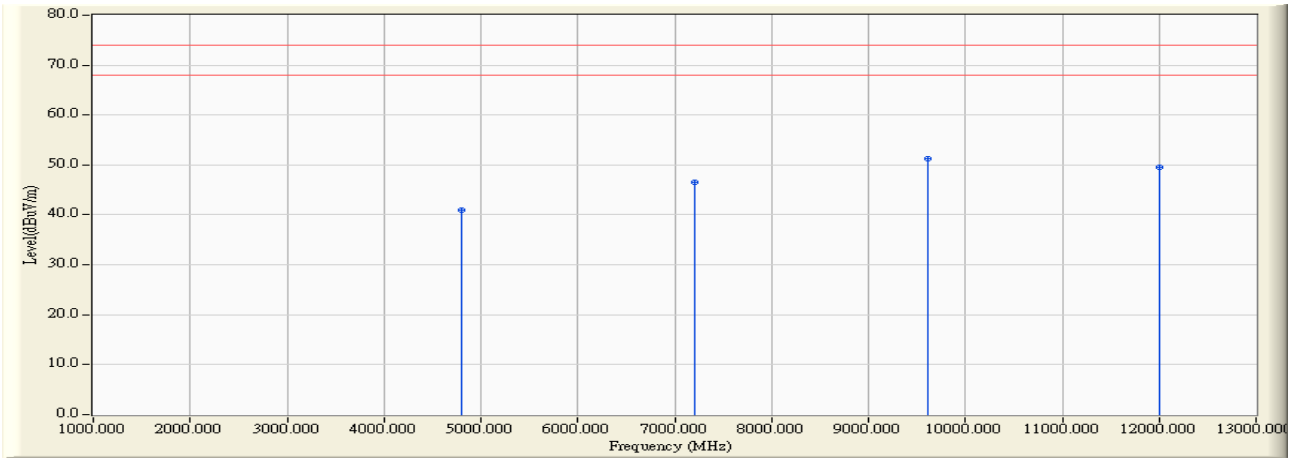


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4804.380	3.596	38.120	41.717	-32.283	74.000	54.000	PEAK
2		7206.320	8.692	38.210	46.902	-27.098	74.000	54.000	PEAK
3	*	9608.320	12.690	38.140	50.830	-23.170	74.000	54.000	PEAK
4		12010.170	11.035	32.260	43.295	-30.705	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-01 Mode 1: Transmit (Tablet)

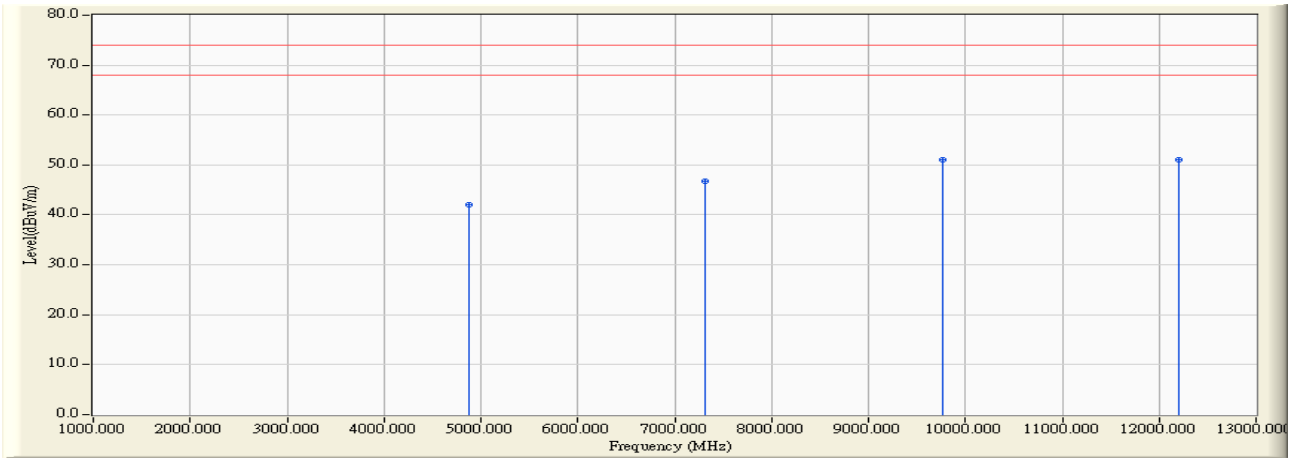


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4804.070	1.812	39.230	41.042	-32.958	74.000	54.000	PEAK
2		7206.020	8.634	37.990	46.625	-27.375	74.000	54.000	PEAK
3	*	9608.400	14.678	36.650	51.328	-22.672	74.000	54.000	PEAK
4		12010.070	16.608	32.990	49.598	-24.402	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:01
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-39 Mode 1: Transmit (Tablet)

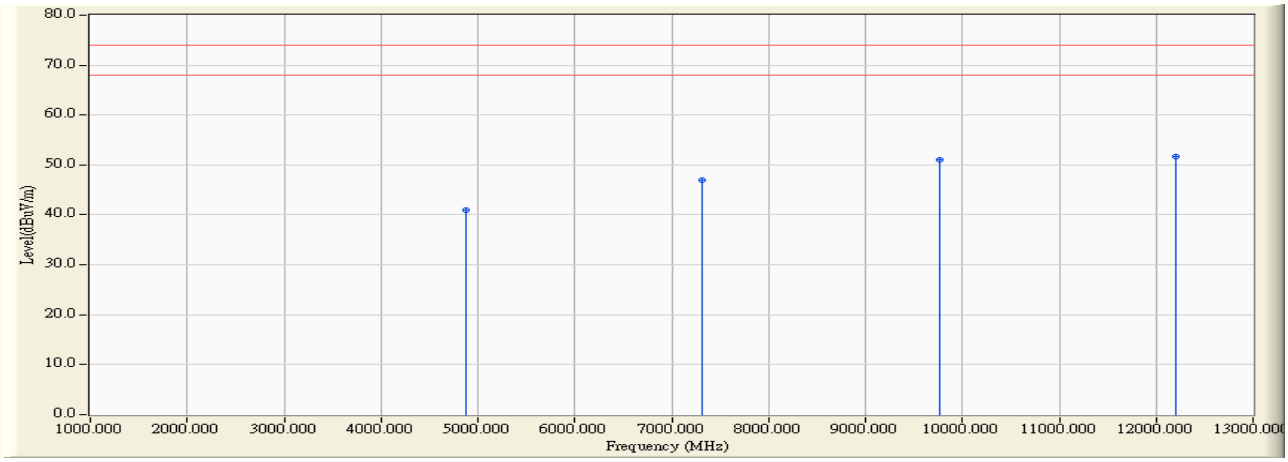


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4879.970	35.786	37.920	42.048	-31.952	74.000	54.000	PEAK
2		7319.870	40.600	37.860	46.715	-27.285	74.000	54.000	PEAK
3		9760.220	44.239	37.880	51.078	-22.922	74.000	54.000	PEAK
4	*	12199.970	48.076	32.640	51.114	-22.886	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:03
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-39 Mode 1: Transmit (Tablet)

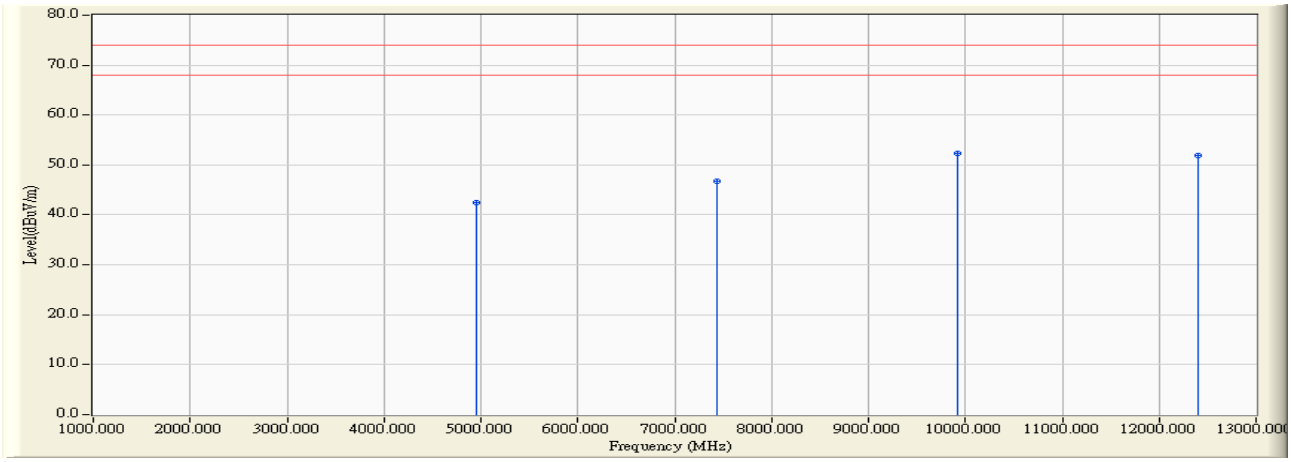


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4880.270	2.488	38.450	40.938	-33.062	74.000	54.000	PEAK
2		7319.820	8.855	38.010	46.865	-27.135	74.000	54.000	PEAK
3		9760.220	15.197	35.800	50.998	-23.002	74.000	54.000	PEAK
4	*	12200.120	19.559	32.210	51.770	-22.230	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-78 Mode 1: Transmit (Tablet)

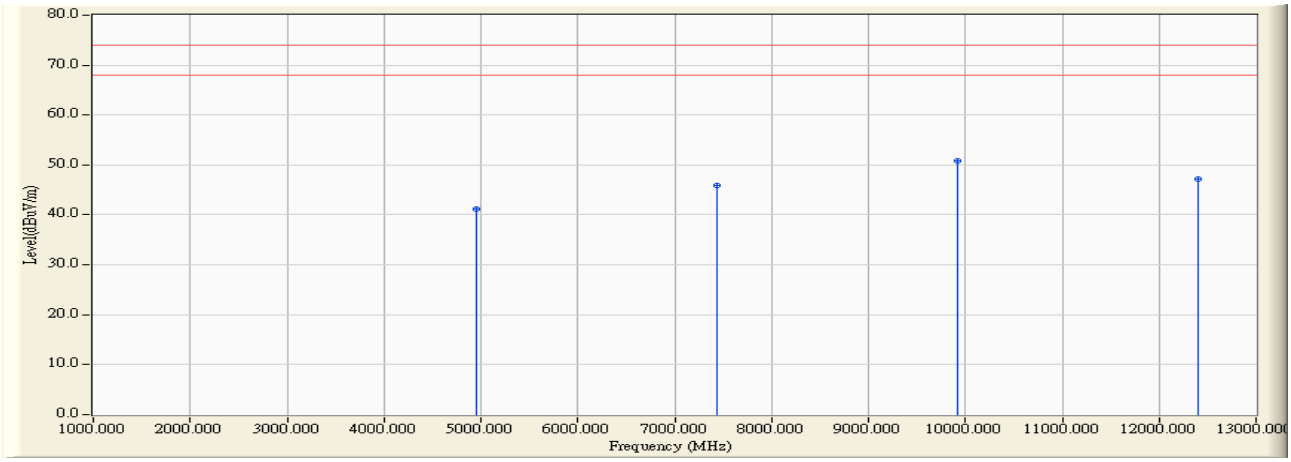


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4958.080	36.011	37.960	42.360	-31.640	74.000	54.000	PEAK
2		7436.910	40.494	37.820	46.833	-27.167	74.000	54.000	PEAK
3	*	9916.220	44.893	37.920	52.422	-21.578	74.000	54.000	PEAK
4		12394.870	49.763	31.800	52.010	-21.990	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:06
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT :Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-78 Mode 1: Transmit (Tablet)

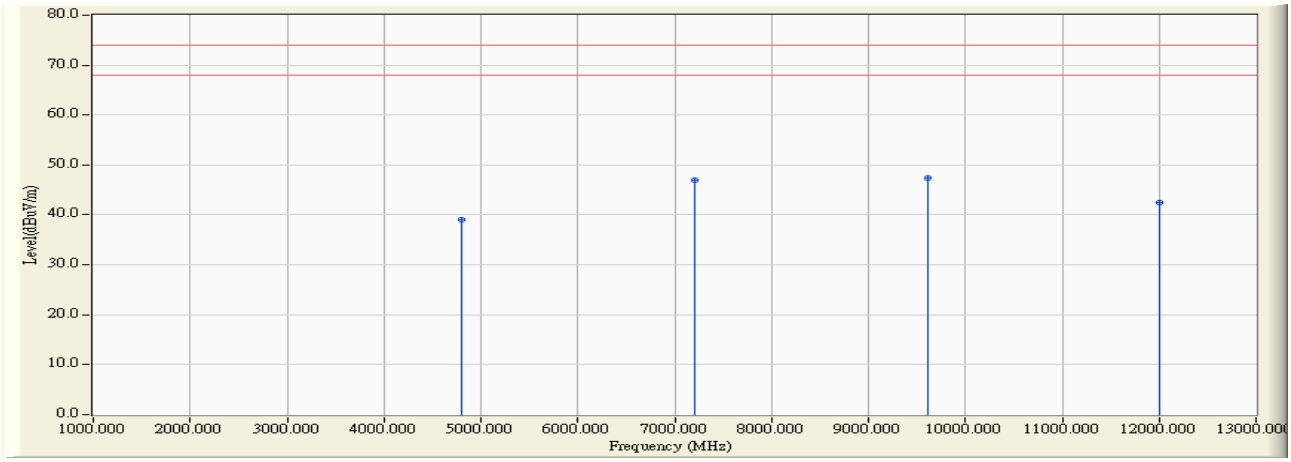


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4958.170	2.915	38.270	41.185	-32.815	74.000	54.000	PEAK
2		7437.070	9.013	36.920	45.933	-28.067	74.000	54.000	PEAK
3	*	9916.570	15.339	35.470	50.810	-23.190	74.000	54.000	PEAK
4		12395.070	16.212	31.020	47.232	-26.768	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:16
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-01 Mode 2: Transmit (Dongle)

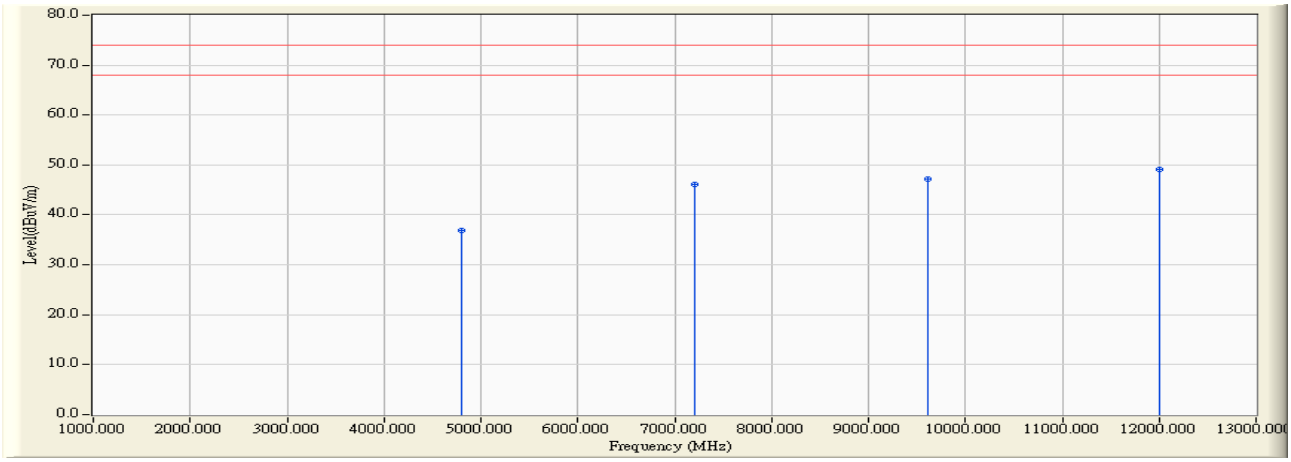


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4804.110	3.595	35.370	38.965	-35.035	74.000	54.000	PEAK
2		7205.370	8.690	38.250	46.940	-27.060	74.000	54.000	PEAK
3	*	9608.400	12.690	34.660	47.350	-26.650	74.000	54.000	PEAK
4		12010.250	11.039	31.390	42.429	-31.571	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:17
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-01 Mode 2: Transmit (Dongle)

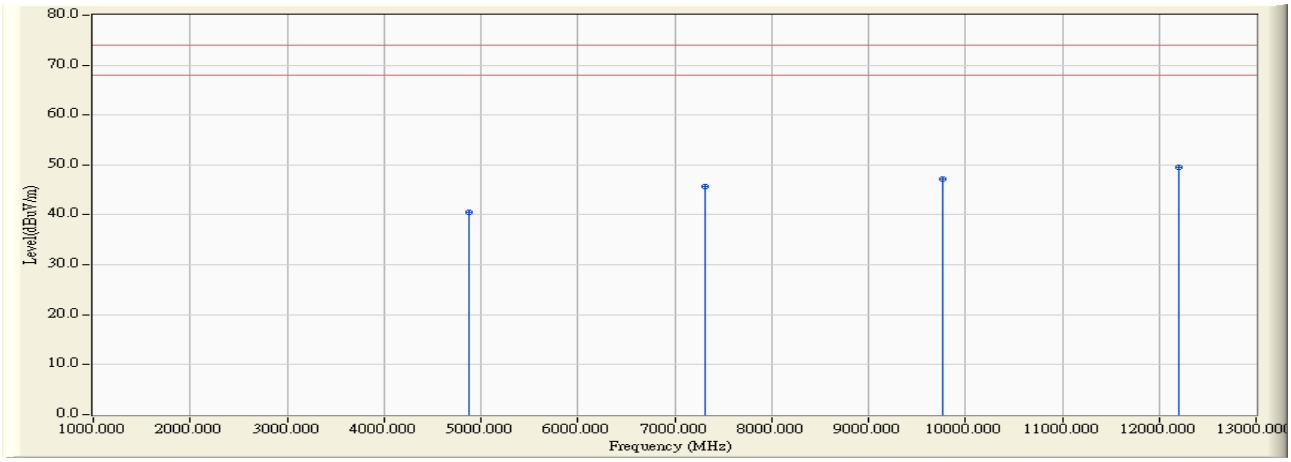


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4803.940	1.812	35.100	36.911	-37.089	74.000	54.000	PEAK
2		7207.250	8.641	37.560	46.201	-27.799	74.000	54.000	PEAK
3		9608.060	14.677	32.590	47.267	-26.733	74.000	54.000	PEAK
4	*	12010.660	16.613	32.410	49.022	-24.978	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:19
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-39 Mode 2: Transmit (Dongle)

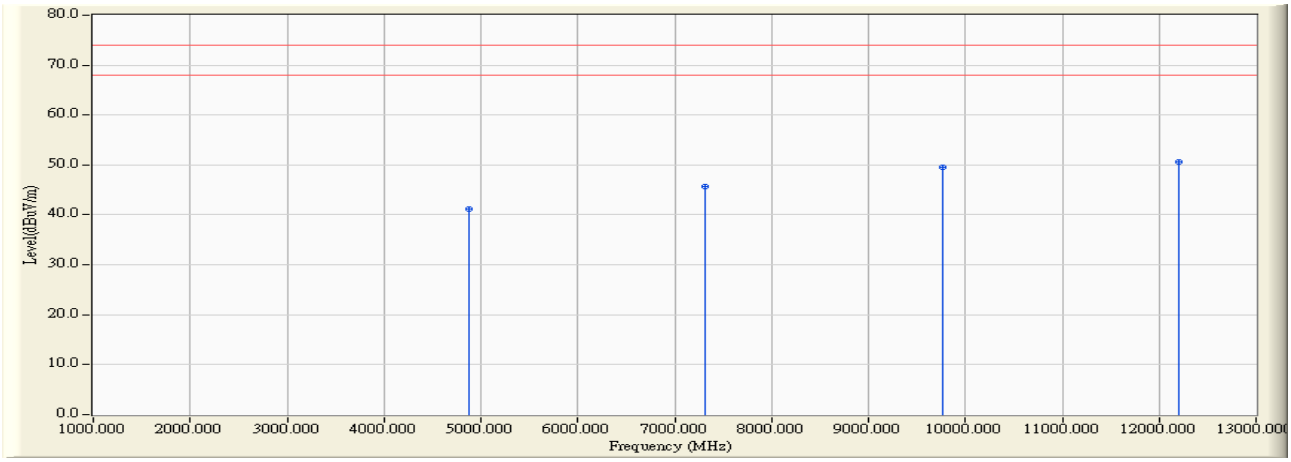


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4879.990	4.128	36.470	40.598	-33.402	74.000	54.000	PEAK
2		7319.370	8.855	36.850	45.705	-28.295	74.000	54.000	PEAK
3		9760.530	13.200	34.070	47.269	-26.731	74.000	54.000	PEAK
4	*	12200.120	18.468	31.140	49.608	-24.392	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:20
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-39 Mode 2: Transmit (Dongle)

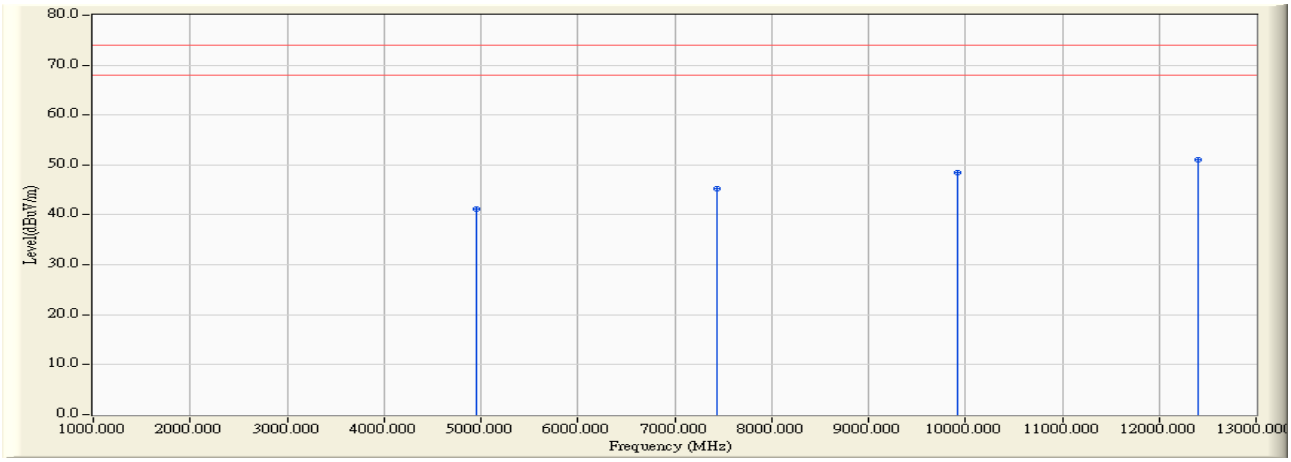


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4880.680	2.492	38.680	41.171	-32.829	74.000	54.000	PEAK
2		7320.140	8.855	36.860	45.715	-28.285	74.000	54.000	PEAK
3		9760.400	15.199	34.340	49.539	-24.461	74.000	54.000	PEAK
4	*	12200.380	19.562	31.130	50.692	-23.308	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - HORIZONTAL
Power : AC 120V/60Hz	Note : TX-78 Mode 2: Transmit (Dongle)

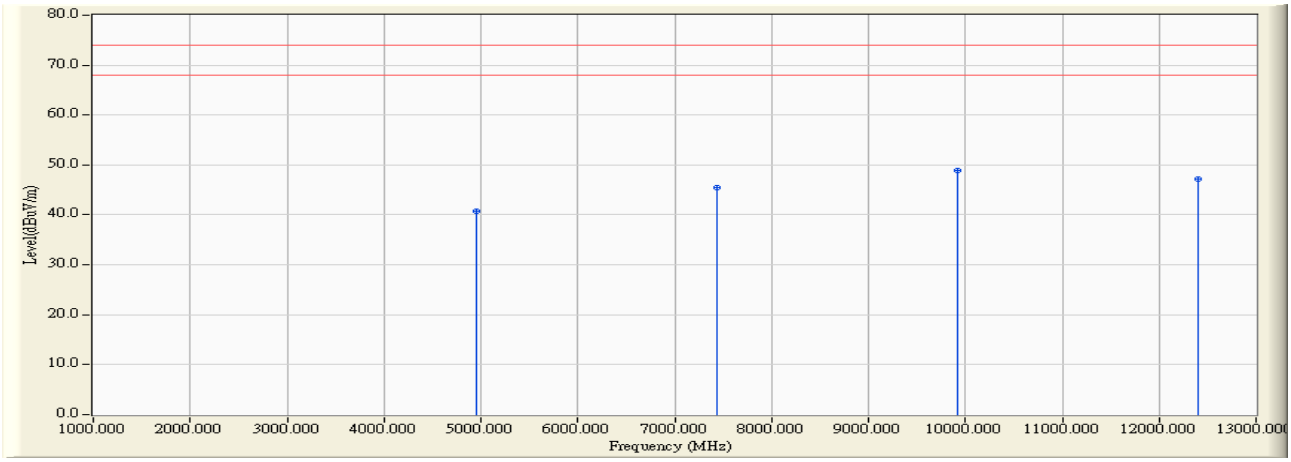


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4958.080	4.399	36.720	41.120	-32.880	74.000	54.000	PEAK
2		7436.220	9.012	36.170	45.182	-28.818	74.000	54.000	PEAK
3		9916.320	14.503	33.920	48.423	-25.577	74.000	54.000	PEAK
4	*	12395.020	20.223	30.910	51.133	-22.867	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site 1	Time : 2007/04/20 - 15:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Probe : FCC_RF_1G-18G(2005-3) - VERTICAL
Power : AC 120V/60Hz	Note : TX-78 Mode 2: Transmit (Dongle)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4958.400	2.915	37.840	40.755	-33.245	74.000	54.000	PEAK
2		7437.810	9.014	36.530	45.544	-28.456	74.000	54.000	PEAK
3	*	9916.400	15.341	33.560	48.900	-25.100	74.000	54.000	PEAK
4		12395.040	16.213	30.930	47.143	-26.857	74.000	54.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

4.8. Test Photo

Test Mode ： Mode 1: Transmit (Tablet)
Description： Front View of Radiated Emission Test Setup (Bi-Log)

Test Mode ： Mode 1: Transmit (Tablet)
Description： Back View of Radiated Emission Test Setup (Bi-Log)

Test Mode ： Mode 1: Transmit (Tablet)
Description： Front View of Radiated Emission Test Setup (Horn)

Test Mode ： Mode 2: Transmit (Dongle)
Description： Front View of Radiated Emission Test Setup (Bi-Log)

Test Mode ： Mode 2: Transmit (Dongle)
Description： Back View of Radiated Emission Test Setup (Bi-Log)

Test Mode ： Mode 2: Transmit (Dongle)
Description： Front View of Radiated Emission Test Setup (Horn)

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

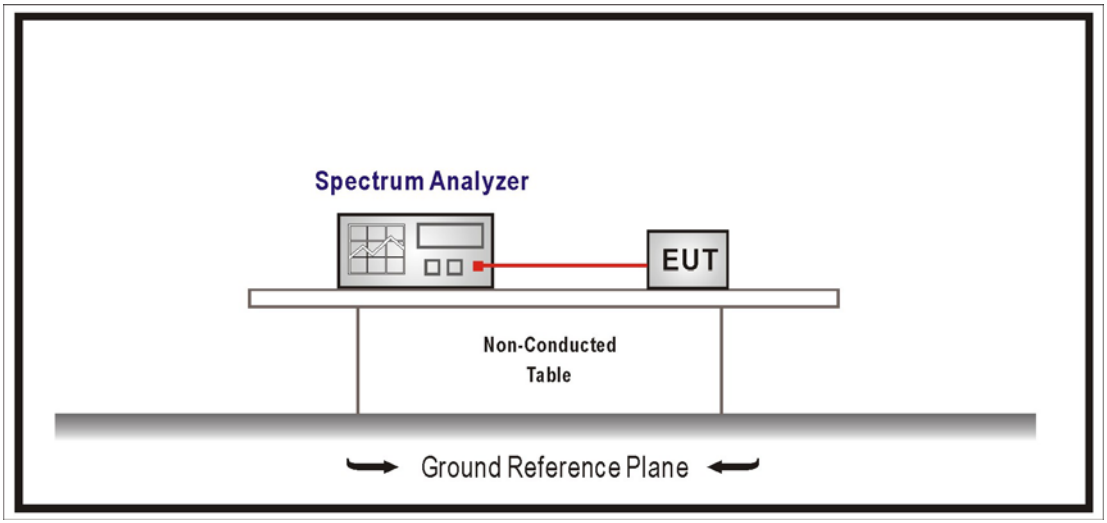
RF antenna conducted test / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

5.6. Uncertainty

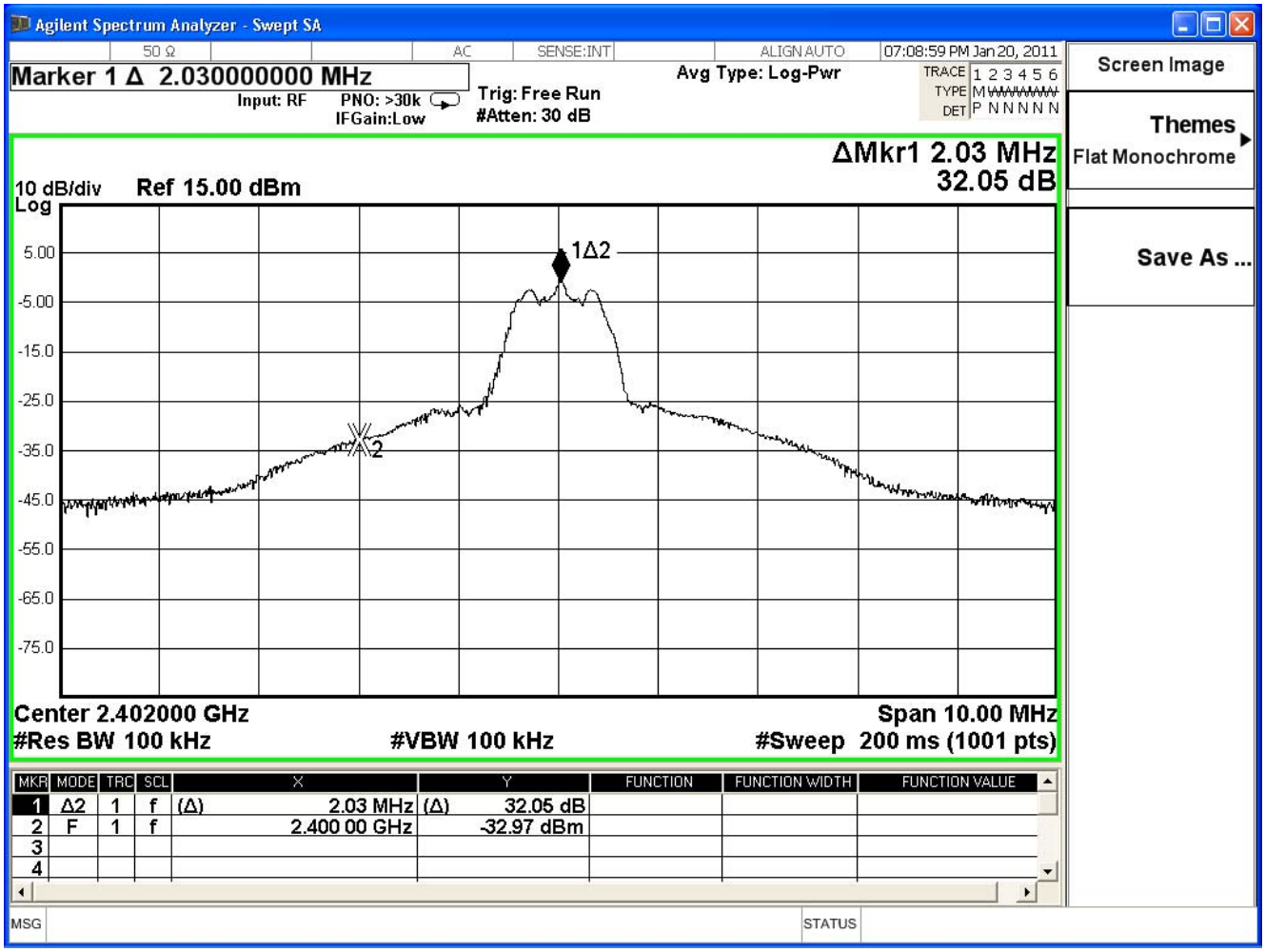
Conducted is defined as ± 1.27dB

5.7. Test Result

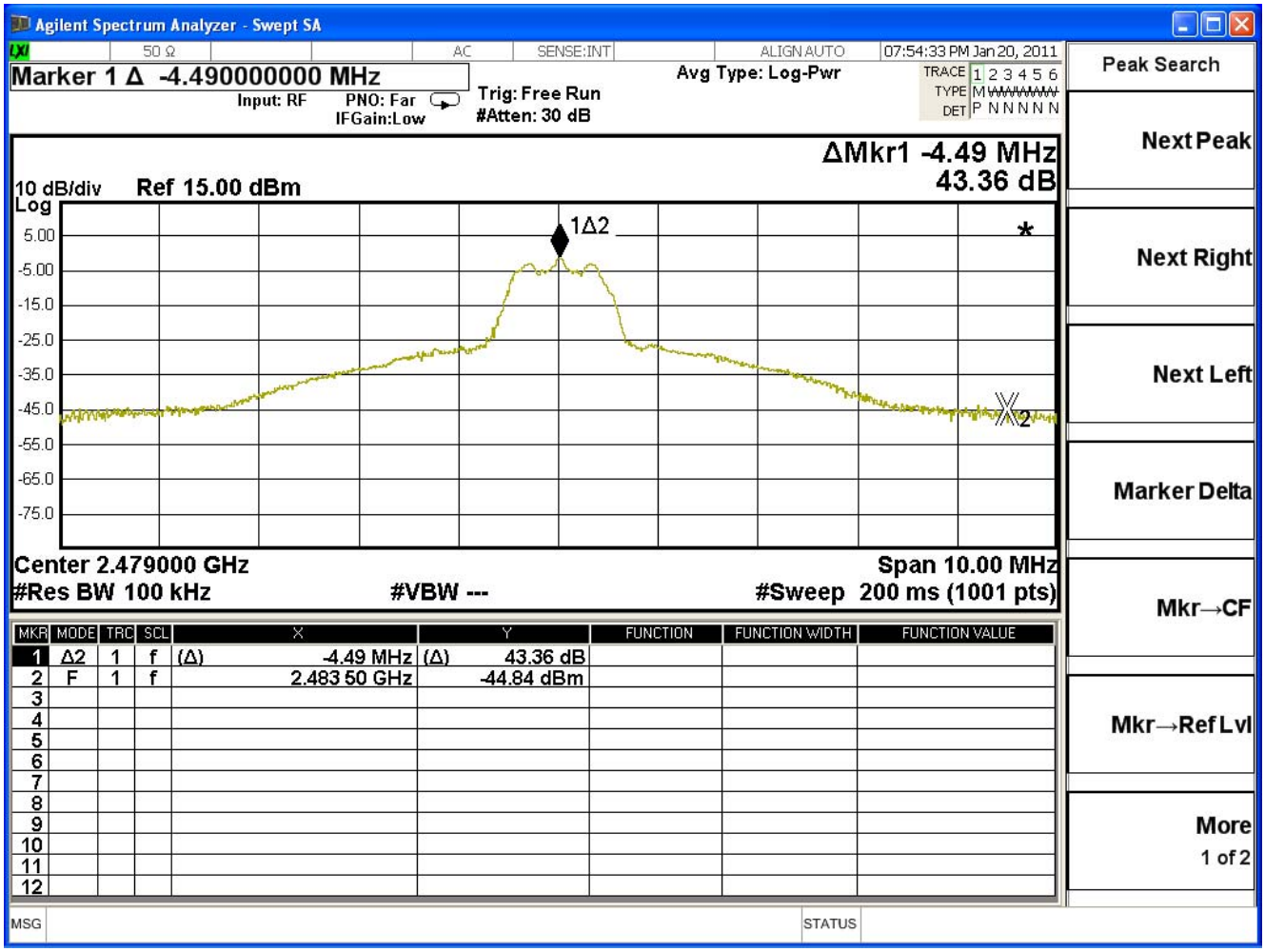
Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit (Tablet)		
Date of Test	2011/01/20	Test Site	SR7

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
01	2402	32.05	≥20	Pass
78	2479	43.36	≥20	Pass

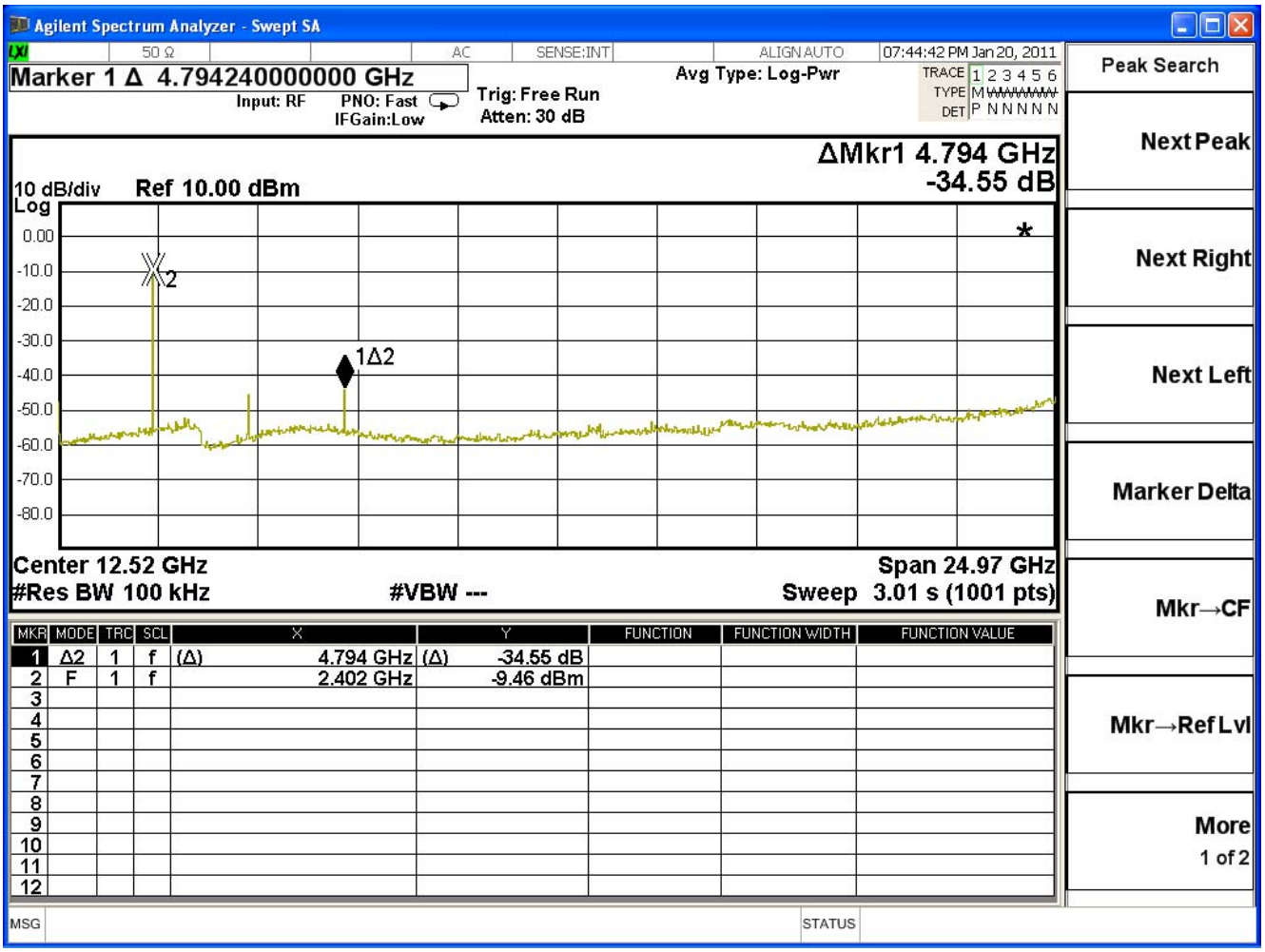
Channel 01 (2402MHz)



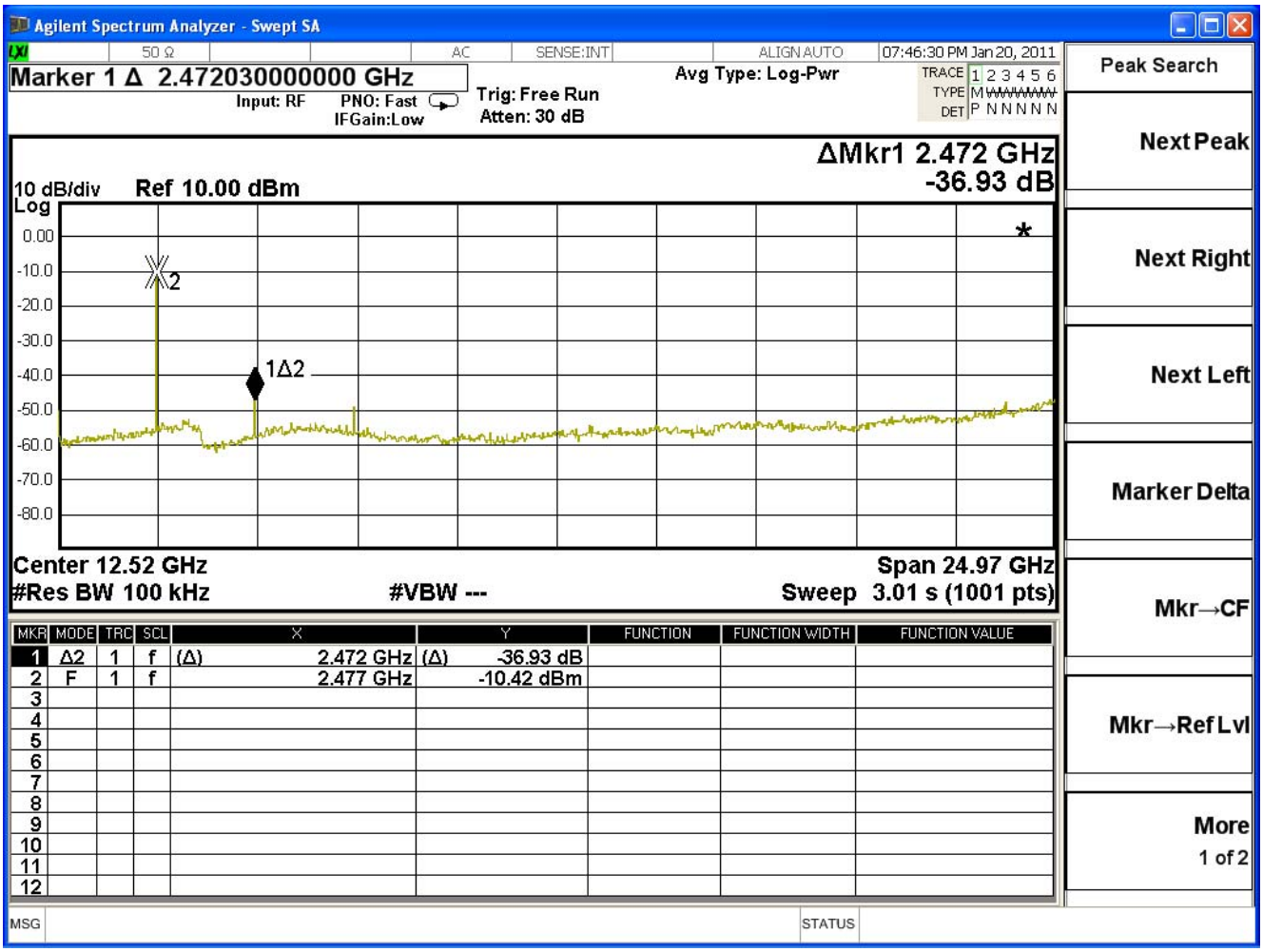
Channel 78 (2479MHz)



Channel 01 (30MHz-25GHz)



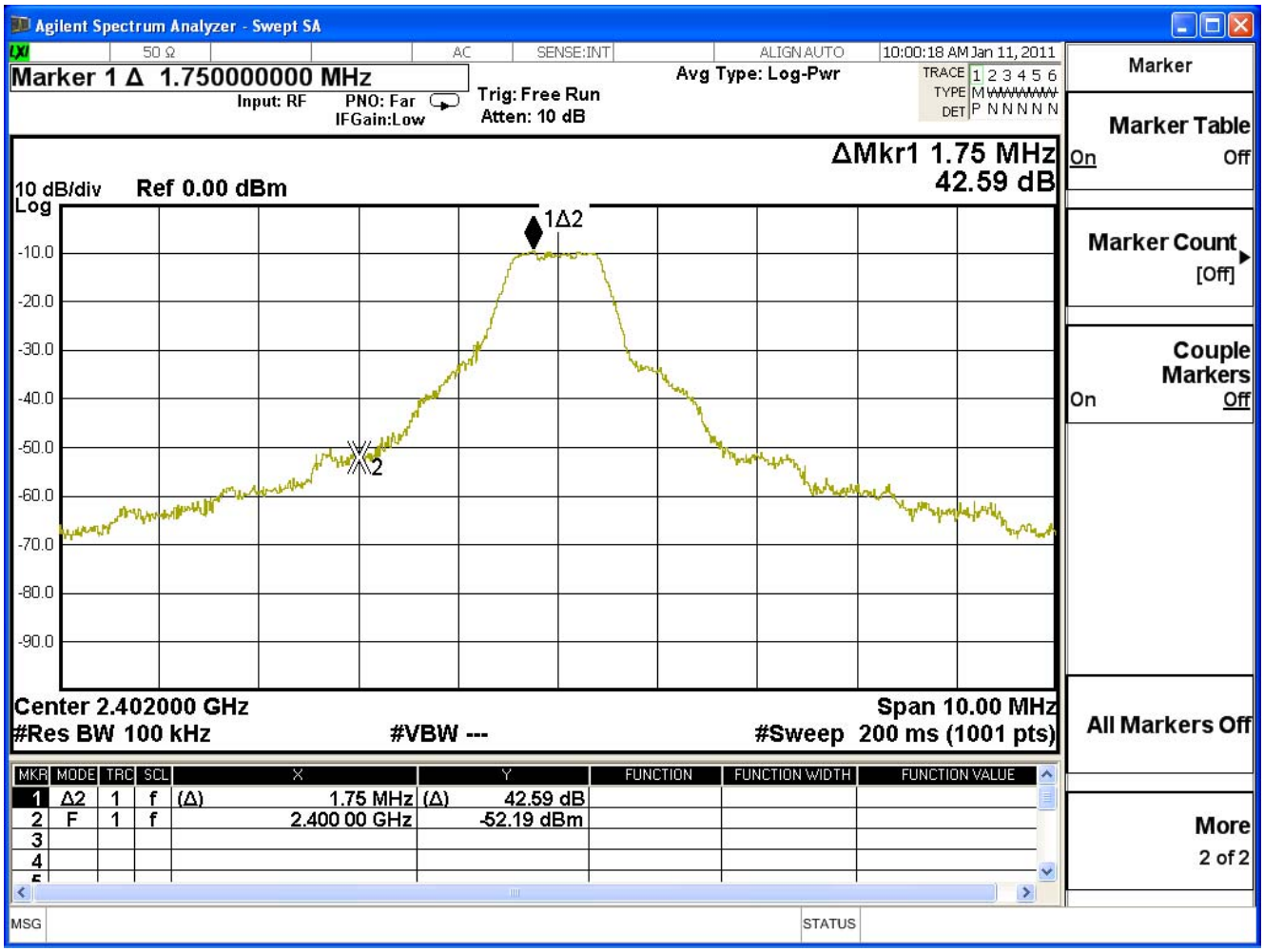
Channel 78 (30MHz~25GHz)



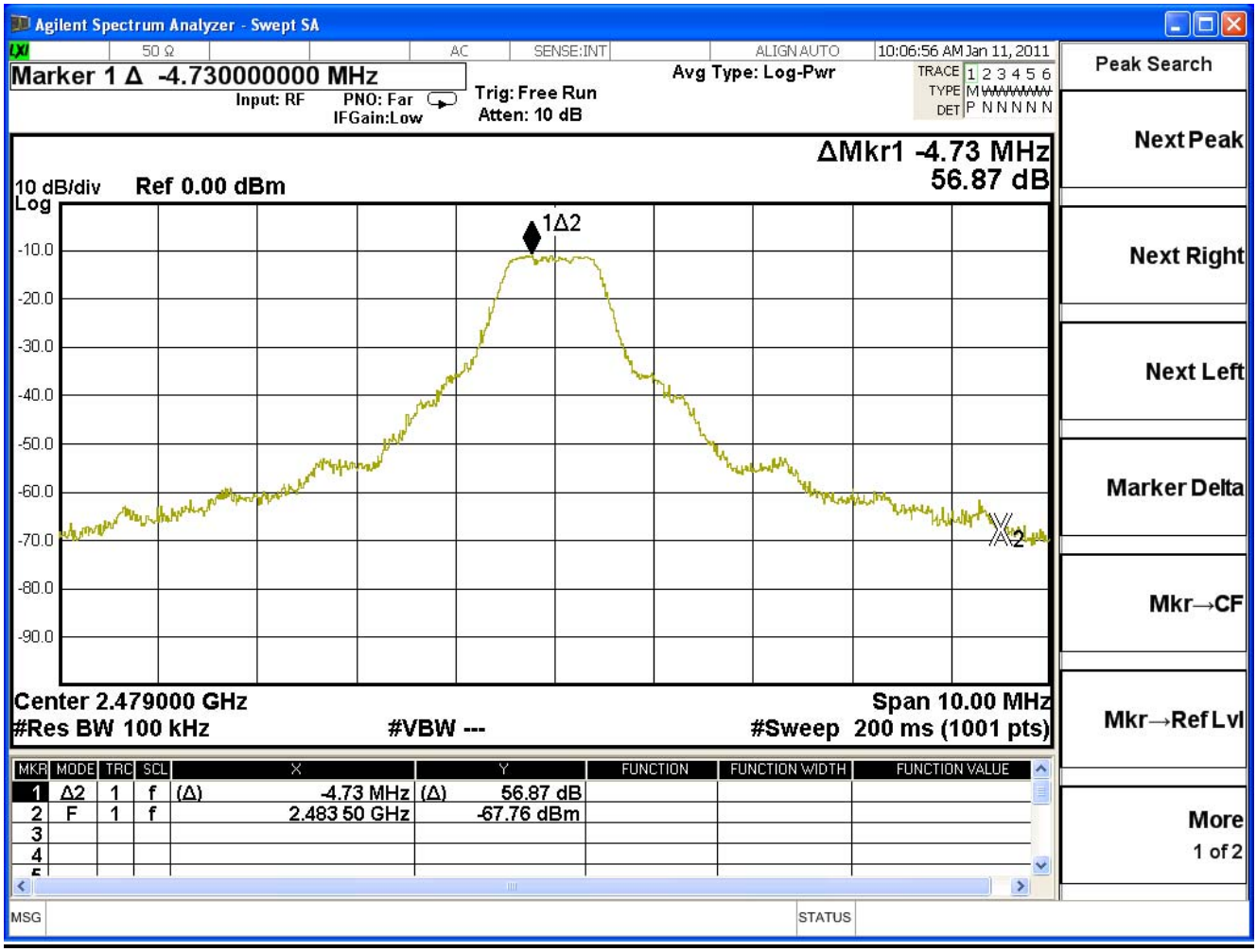
Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Transmit (Dongle)		
Date of Test	2011/01/11	Test Site	SR7

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
01	2402	42.59	≥20	Pass
78	2479	56.87	≥20	Pass

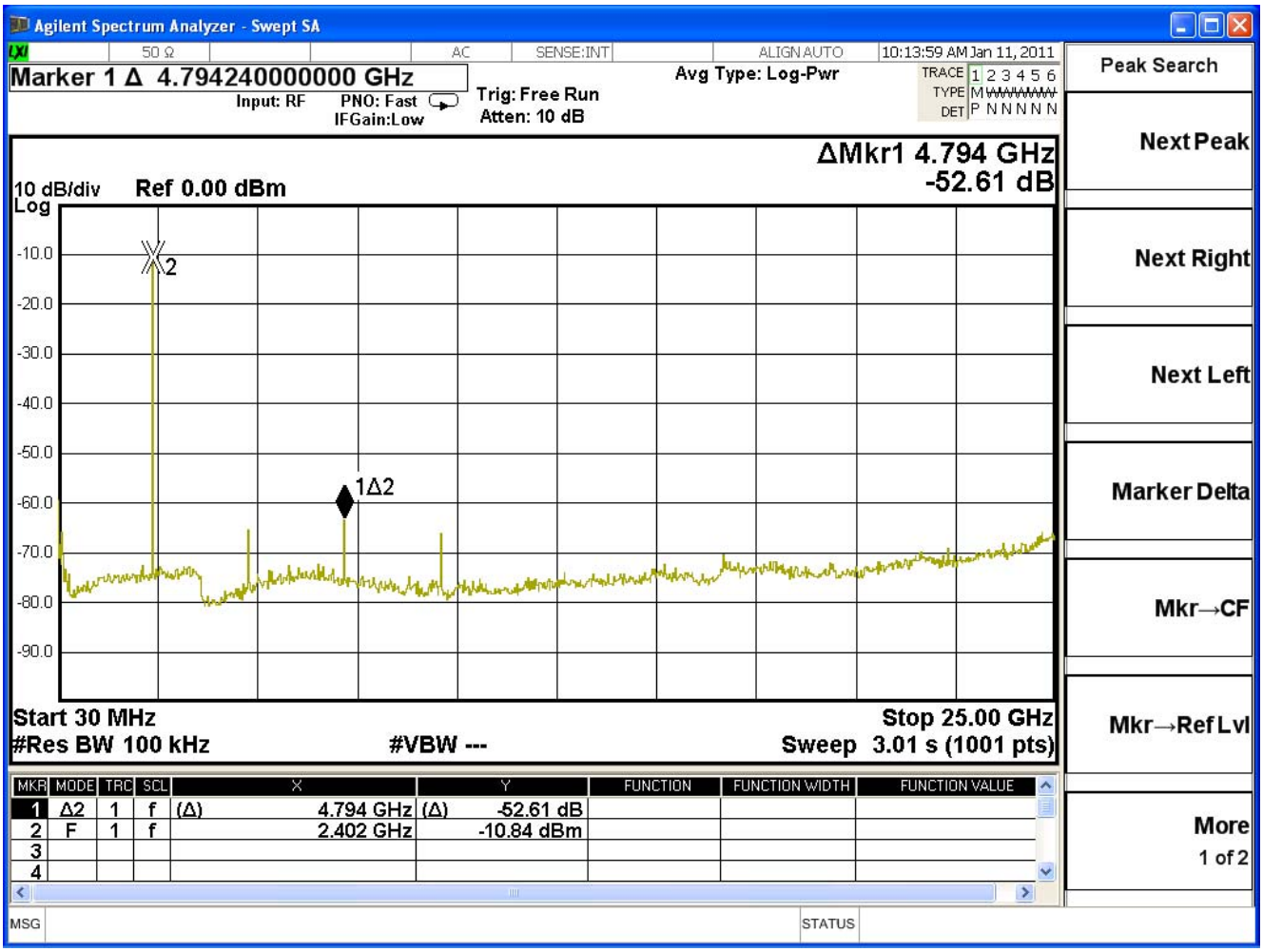
Channel 01 (2402MHz)



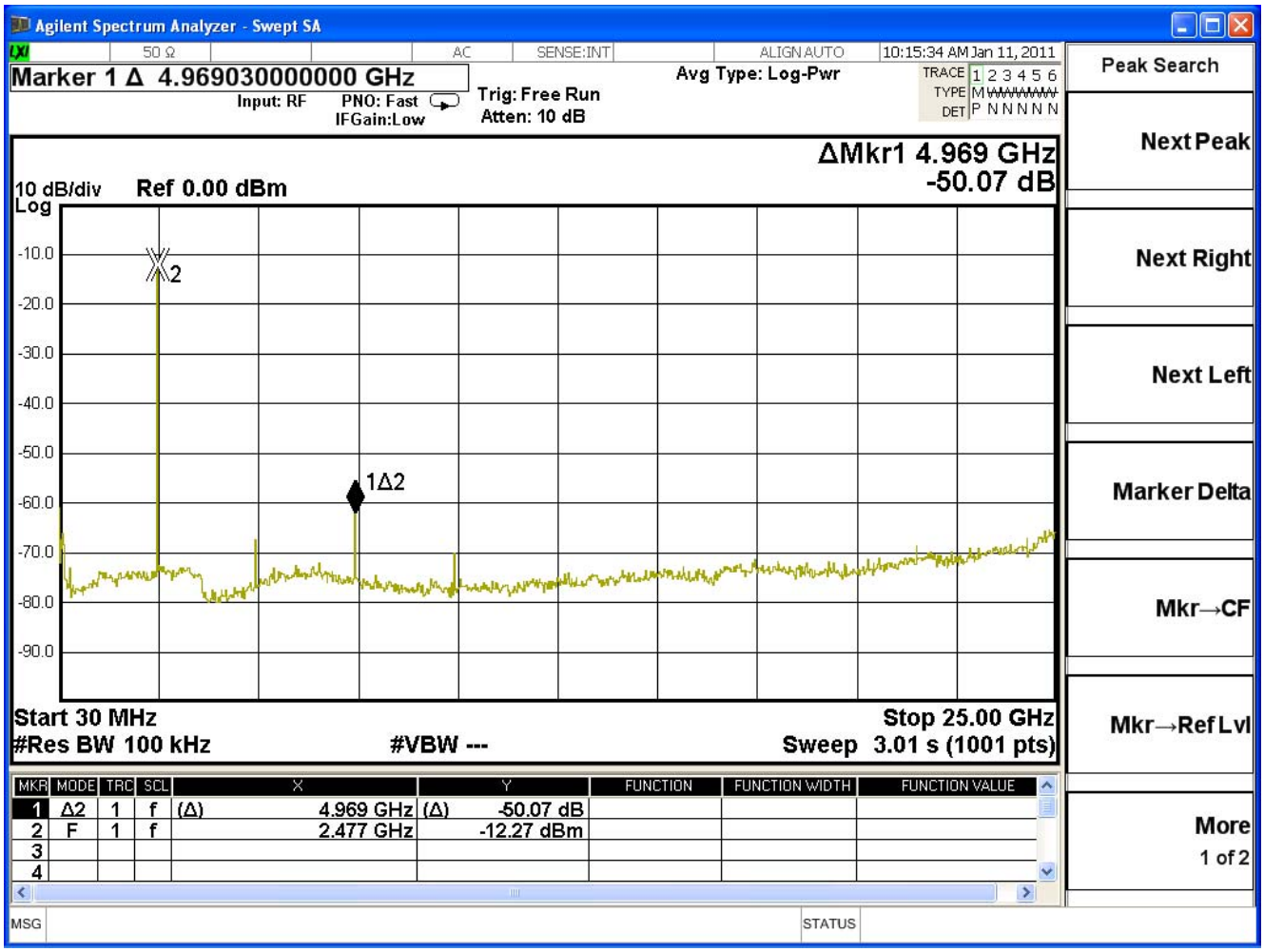
Channel 78 (2479MHz)



Channel 01 (30MHz-25GHz)



Channel 78 (30MHz~25GHz)



6. Band Edge

6.1. Test Equipment

The following test equipment are used during the test:

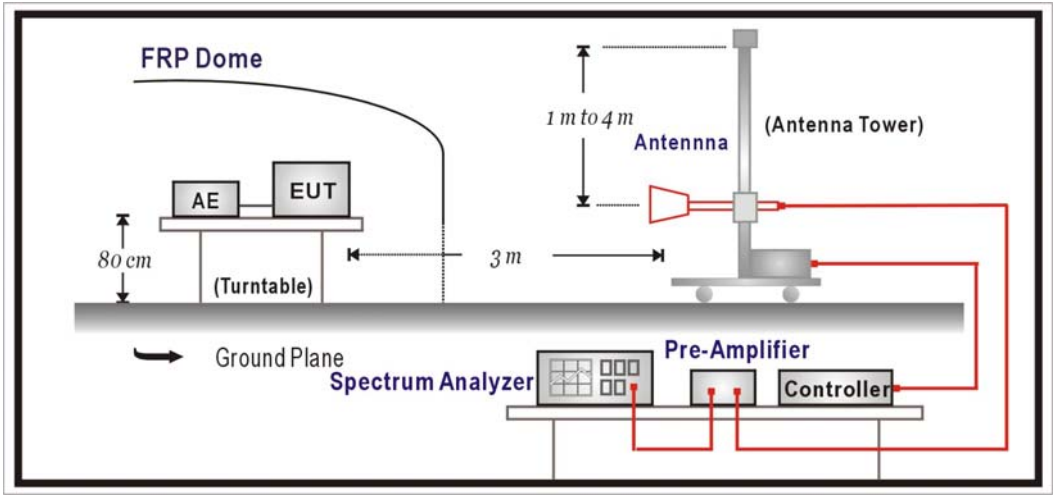
Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Horn Antenna	Schwarzback	BBHA 9120D	743	2011/03/15
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2011/12/04
Spectrum Analyzer	Agilent	E4440A	MY46187335	2011/01/15
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2011/04/07

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

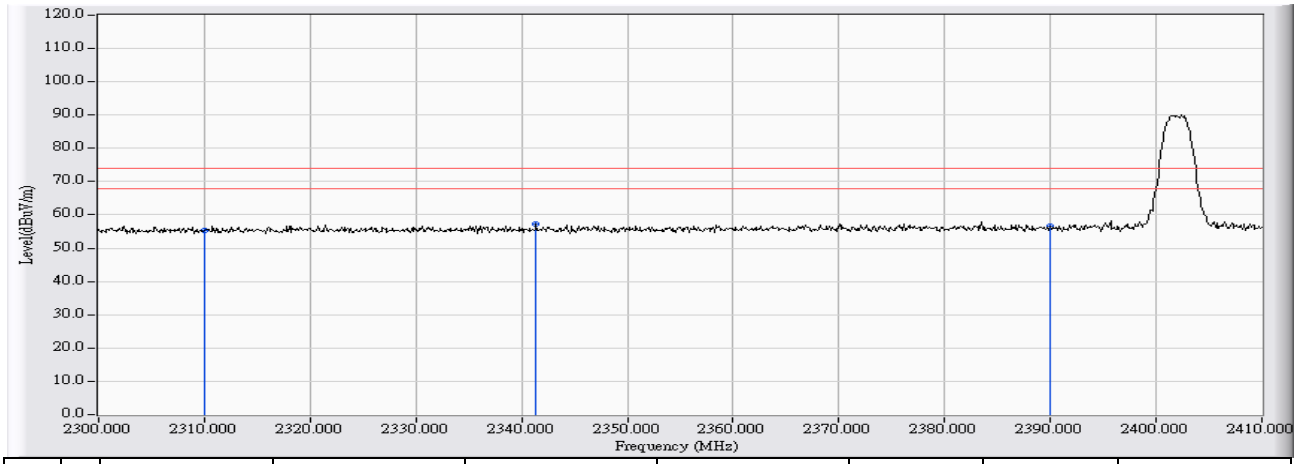
6.6. Uncertainty

The measurement uncertainty

± 3.9 dB above 1GHz

6.7. Test Result

Site : CB1	Time : 2011/01/20 - 18:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 1: Transmit (Tablet)

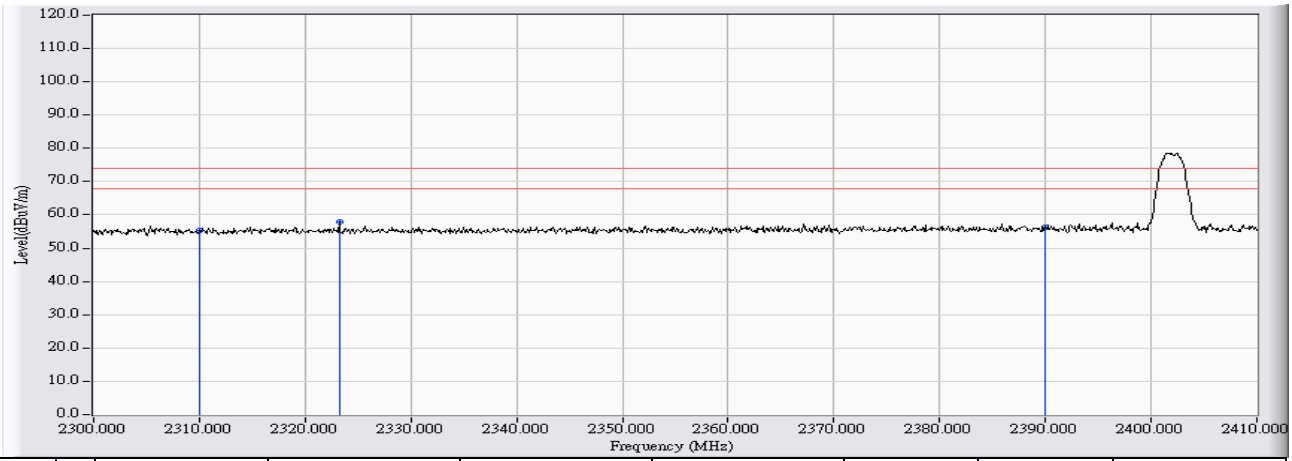


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	29.015	55.431	-18.569	74.000	PEAK
2	*	2341.360	26.546	30.835	57.381	-16.619	74.000	PEAK
3		2390.000	26.749	29.803	56.552	-17.448	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 1: Transmit (Tablet)

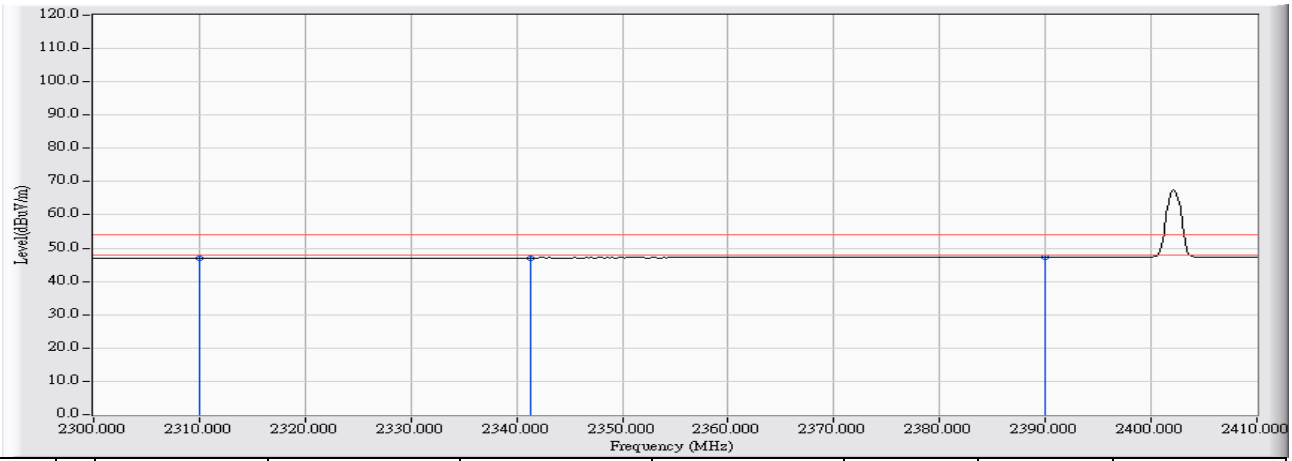


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	28.773	55.189	-18.811	74.000	PEAK
2	*	2323.210	26.471	31.353	57.824	-16.176	74.000	PEAK
3		2389.999	26.749	29.659	56.408	-17.592	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 17:48
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 1: Transmit (Tablet)

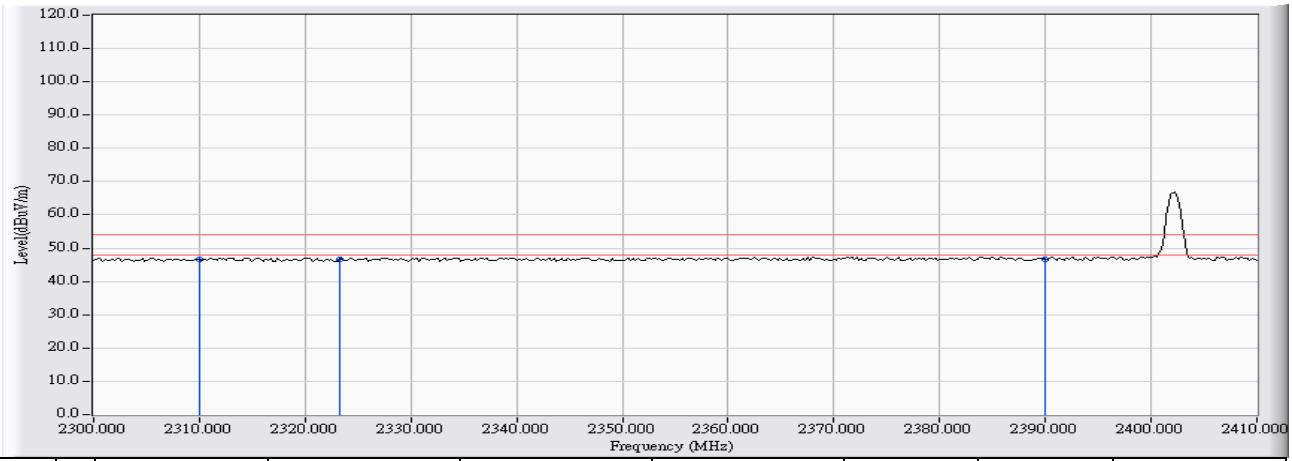


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	20.644	47.060	-6.940	54.000	AVERAGE
2		2341.360	26.546	20.567	47.114	-6.886	54.000	AVERAGE
3	*	2390.000	26.749	20.585	47.334	-6.666	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 17:51
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 1: Transmit (Tablet)

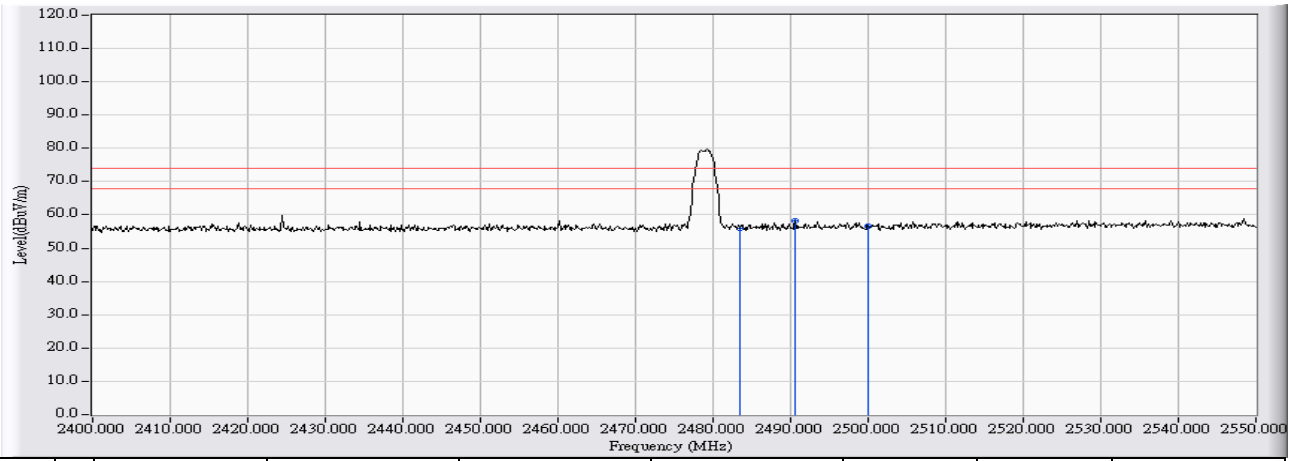


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	20.147	46.563	-7.437	54.000	AVERAGE
2		2323.210	26.471	20.114	46.585	-7.415	54.000	AVERAGE
3	*	2389.999	26.749	20.023	46.772	-7.228	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 1: Transmit (Tablet)

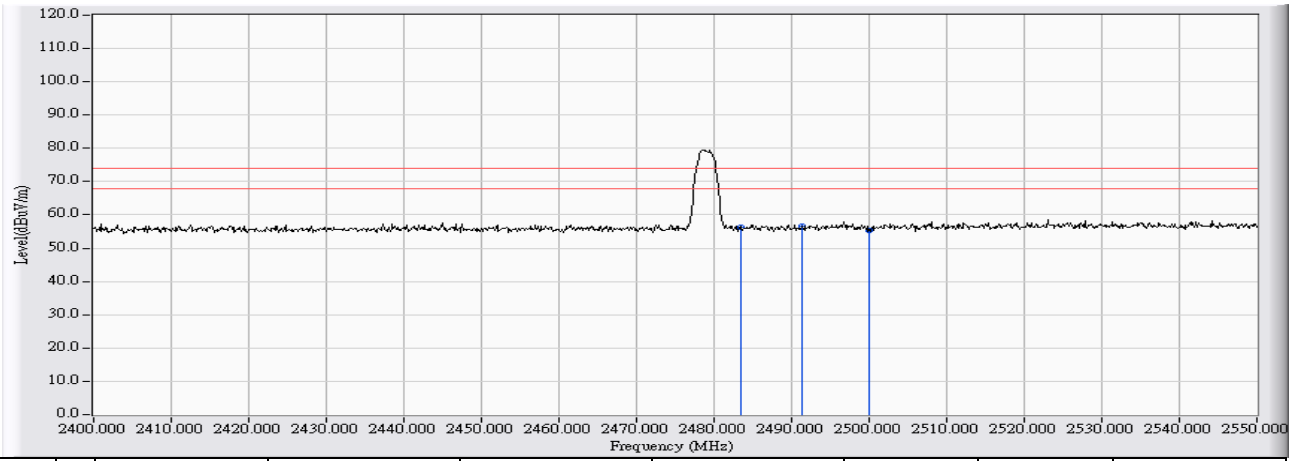


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.499	27.137	28.916	56.053	-17.947	74.000	PEAK
2	*	2490.599	27.167	30.921	58.088	-15.912	74.000	PEAK
3		2499.999	27.202	29.491	56.693	-17.307	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:52
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 1: Transmit (Tablet)

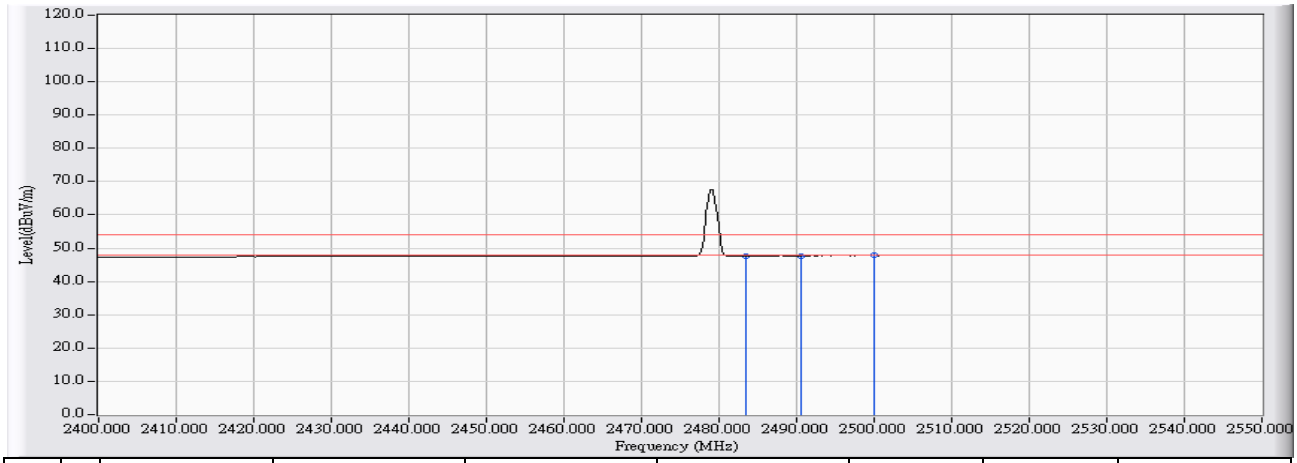


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	27.137	29.132	56.269	-17.731	74.000	PEAK
2	*	2491.349	27.170	29.438	56.608	-17.392	74.000	PEAK
3		2499.999	27.202	28.191	55.393	-18.607	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 17:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 1: Transmit (Tablet)

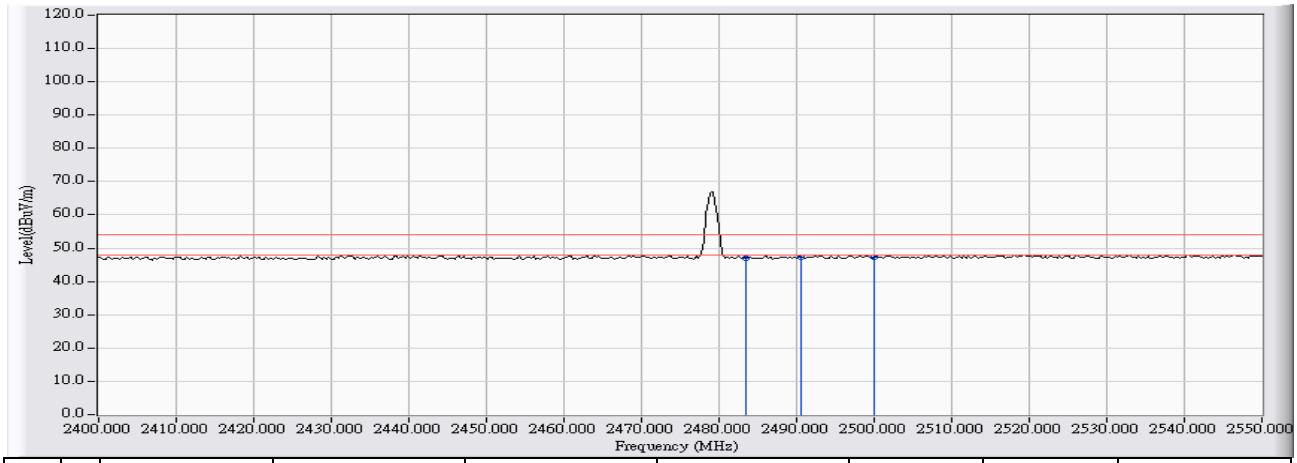


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	27.137	20.587	47.724	-6.276	54.000	AVERAGE
2		2490.599	27.167	20.600	47.767	-6.233	54.000	AVERAGE
3	*	2499.999	27.202	20.586	47.787	-6.213	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 17:59
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 1: Transmit (Tablet)

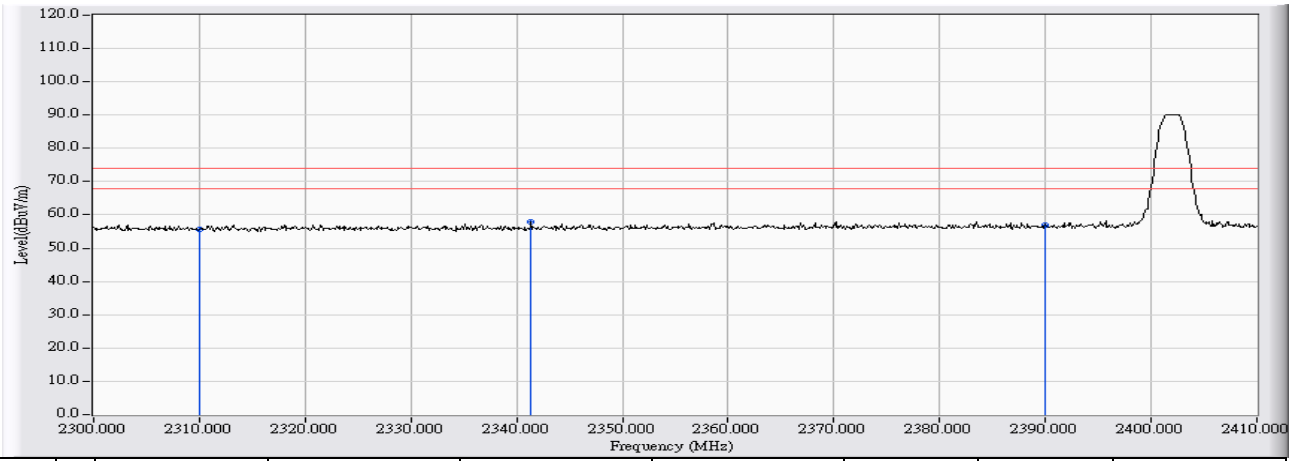


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.501	27.137	19.916	47.053	-6.947	54.000	AVERAGE
2	*	2490.600	27.167	20.247	47.414	-6.586	54.000	AVERAGE
3	*	2499.998	27.202	20.058	47.259	-6.741	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:10
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 2: Transmit (Dongle)

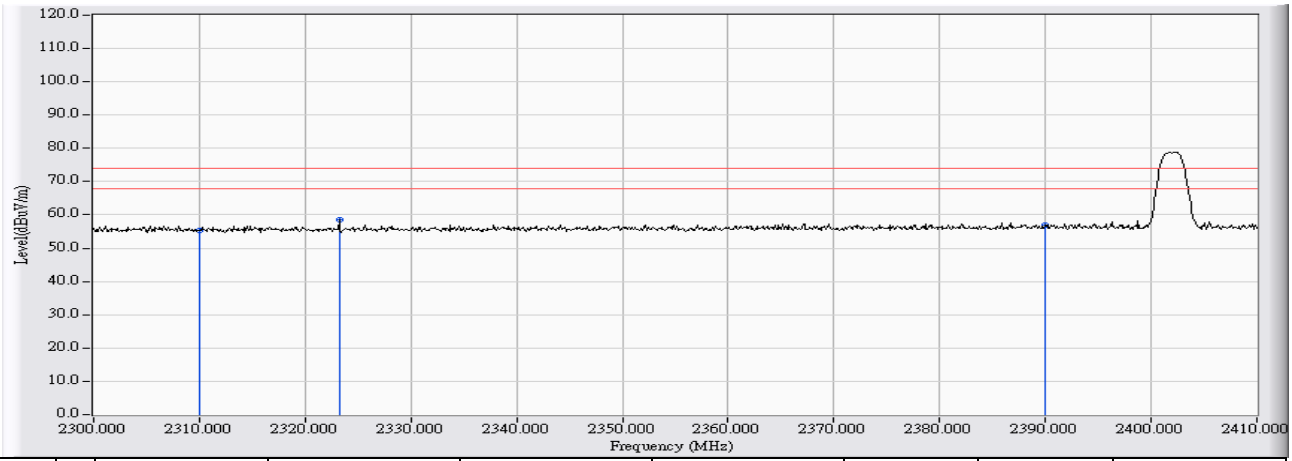


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	29.282	55.698	-18.302	74.000	PEAK
2	*	2341.360	26.546	31.435	57.982	-16.018	74.000	PEAK
3		2390.000	26.749	30.269	57.018	-16.982	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:44
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 2: Transmit (Dongle)

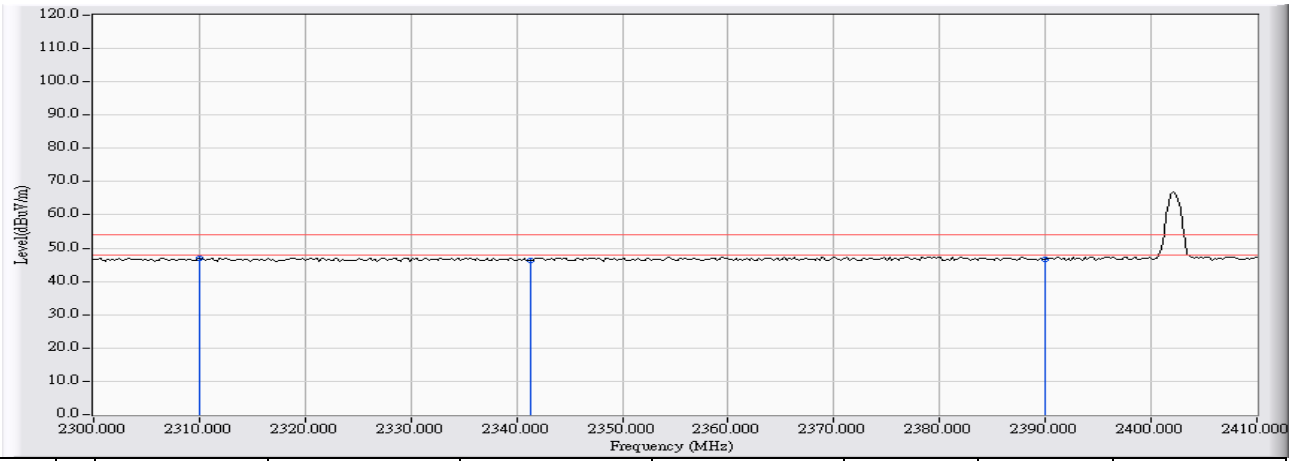


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	29.072	55.488	-18.512	74.000	PEAK
2	*	2323.210	26.471	32.172	58.643	-15.357	74.000	PEAK
3		2390.000	26.749	30.172	56.921	-17.079	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 18:05
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe :CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 2: Transmit (Dongle)

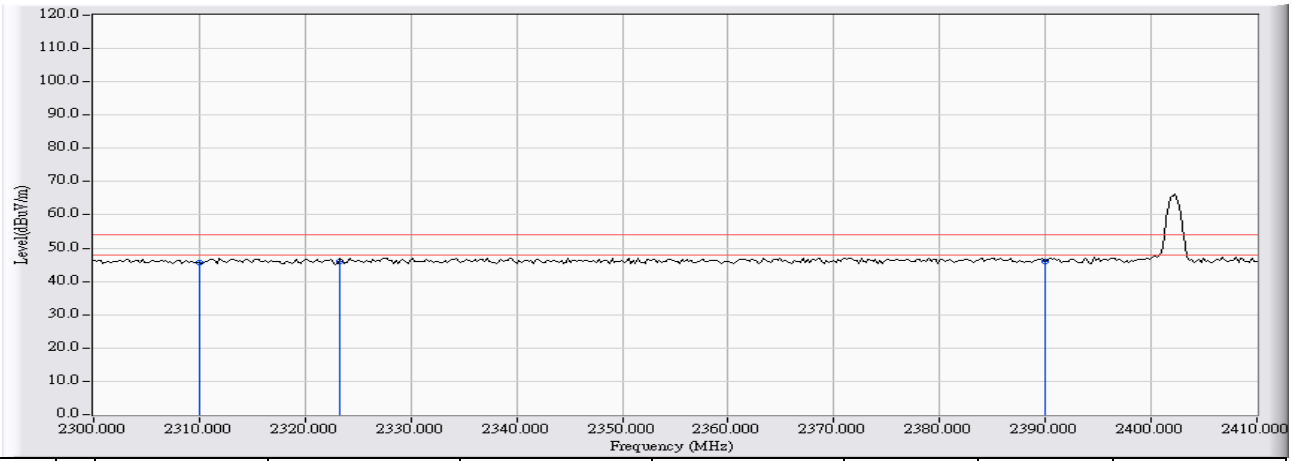


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2310.000	26.416	20.395	46.811	-7.189	54.000	AVERAGE
2		2341.360	26.546	19.669	46.216	-7.784	54.000	AVERAGE
3		2389.999	26.749	19.815	46.564	-7.436	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 18:12
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe :CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH1- Mode 2: Transmit (Dongle)

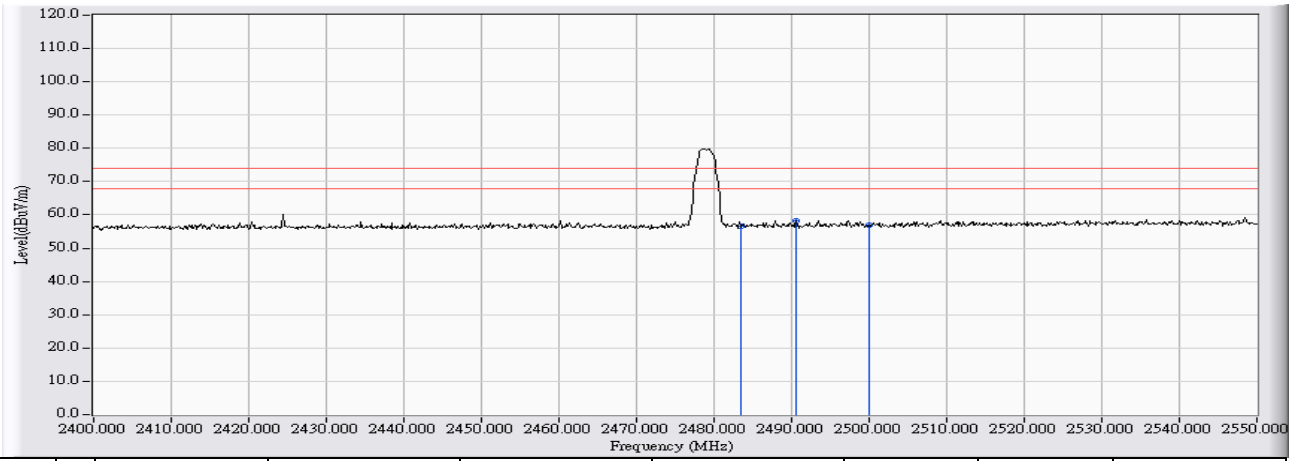


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	26.416	19.207	45.623	-8.377	54.000	AVERAGE
2	*	2323.210	26.471	19.659	46.130	-7.870	54.000	AVERAGE
3		2389.998	26.749	19.213	45.962	-8.038	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:49
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 2: Transmit (Dongle)

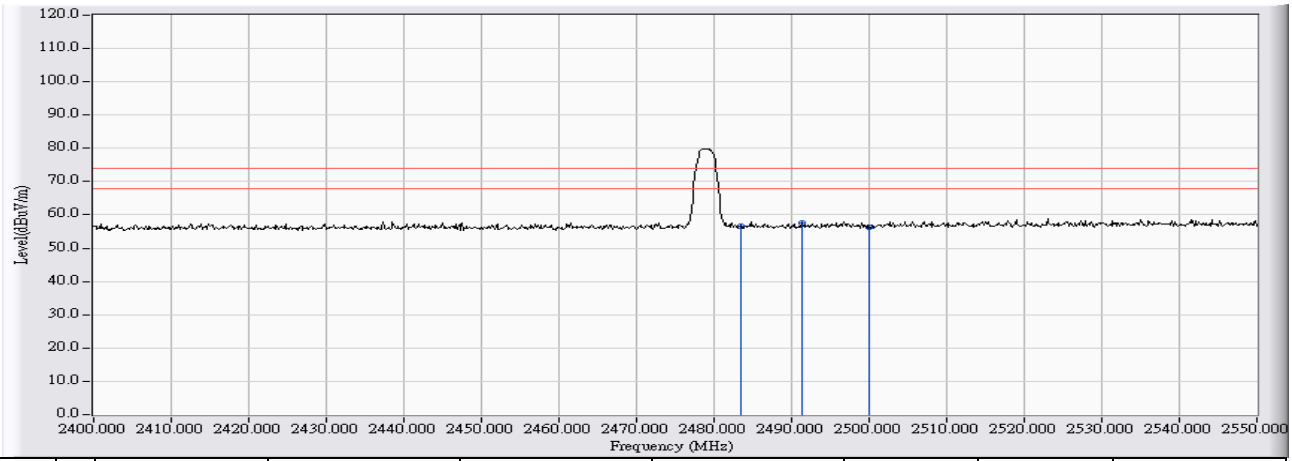


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	27.137	29.331	56.468	-17.532	74.000	PEAK
2	*	2490.600	27.167	30.935	58.102	-15.898	74.000	PEAK
3		2500.000	27.202	29.670	56.871	-17.129	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/20 - 18:51
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT : Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 2: Transmit (Dongle)

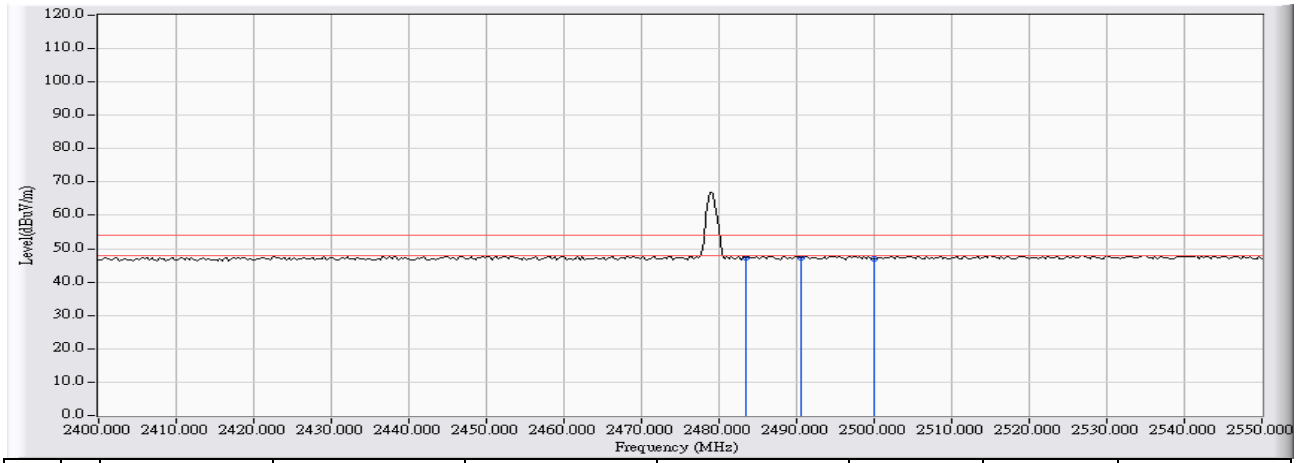


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	27.137	29.622	56.759	-17.241	74.000	PEAK
2	*	2491.350	27.170	30.385	57.555	-16.445	74.000	PEAK
3		2500.000	27.202	29.082	56.283	-17.717	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 18:14
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe :CB1_FCC_EFS_1-18G(2010-12) - HORIZONTAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 2: Transmit (Dongle)

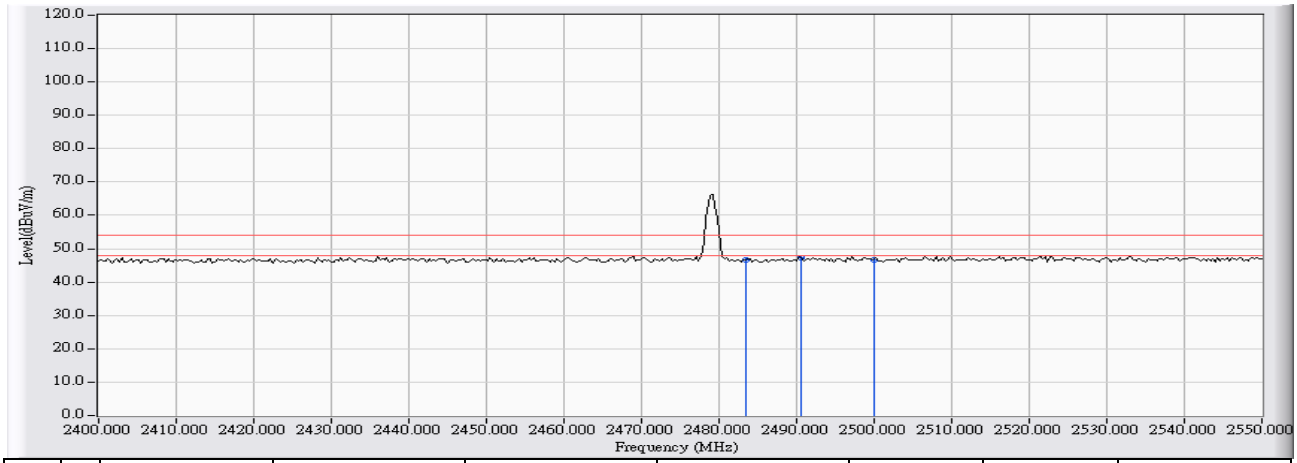


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.499	27.137	20.174	47.311	-6.689	54.000	AVERAGE
2	*	2490.600	27.167	20.164	47.331	-6.669	54.000	AVERAGE
3	*	2500.000	27.202	19.743	46.945	-7.055	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : CB1	Time : 2011/01/31 - 18:16
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe :CB1_FCC_EFS_1-18G(2010-12) - VERTICAL	Power : AC 120V/ 60Hz
EUT: Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861	Note : CH78- Mode 2: Transmit (Dongle)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.501	27.137	19.536	46.673	-7.327	54.000	AVERAGE
2	*	2490.599	27.167	20.179	47.346	-6.654	54.000	AVERAGE
3	*	2499.997	27.202	19.590	46.792	-7.208	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

7. Occupied Bandwidth

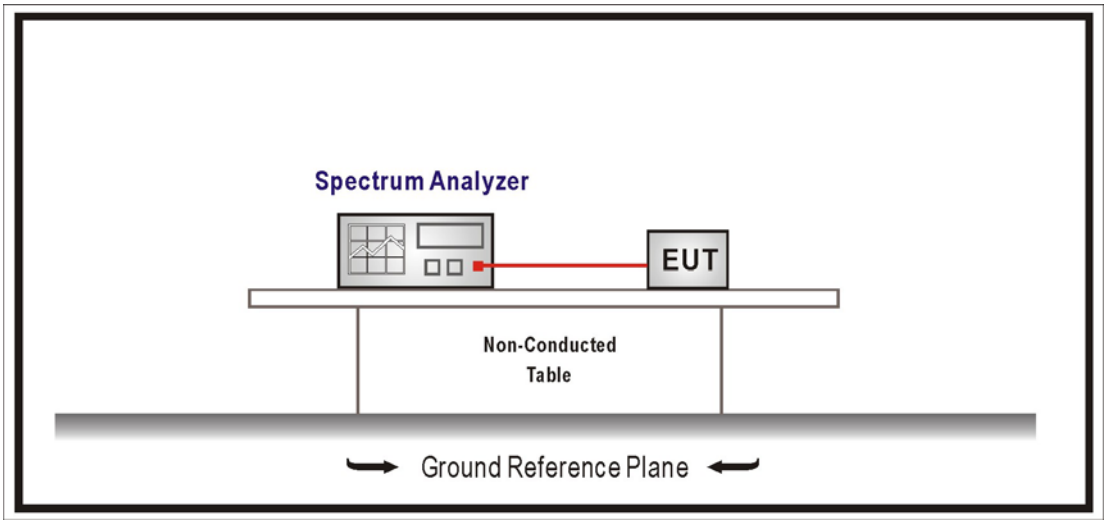
7.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2007
2	No.1 OATS			Sep., 2006

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

7.6. Uncertainty

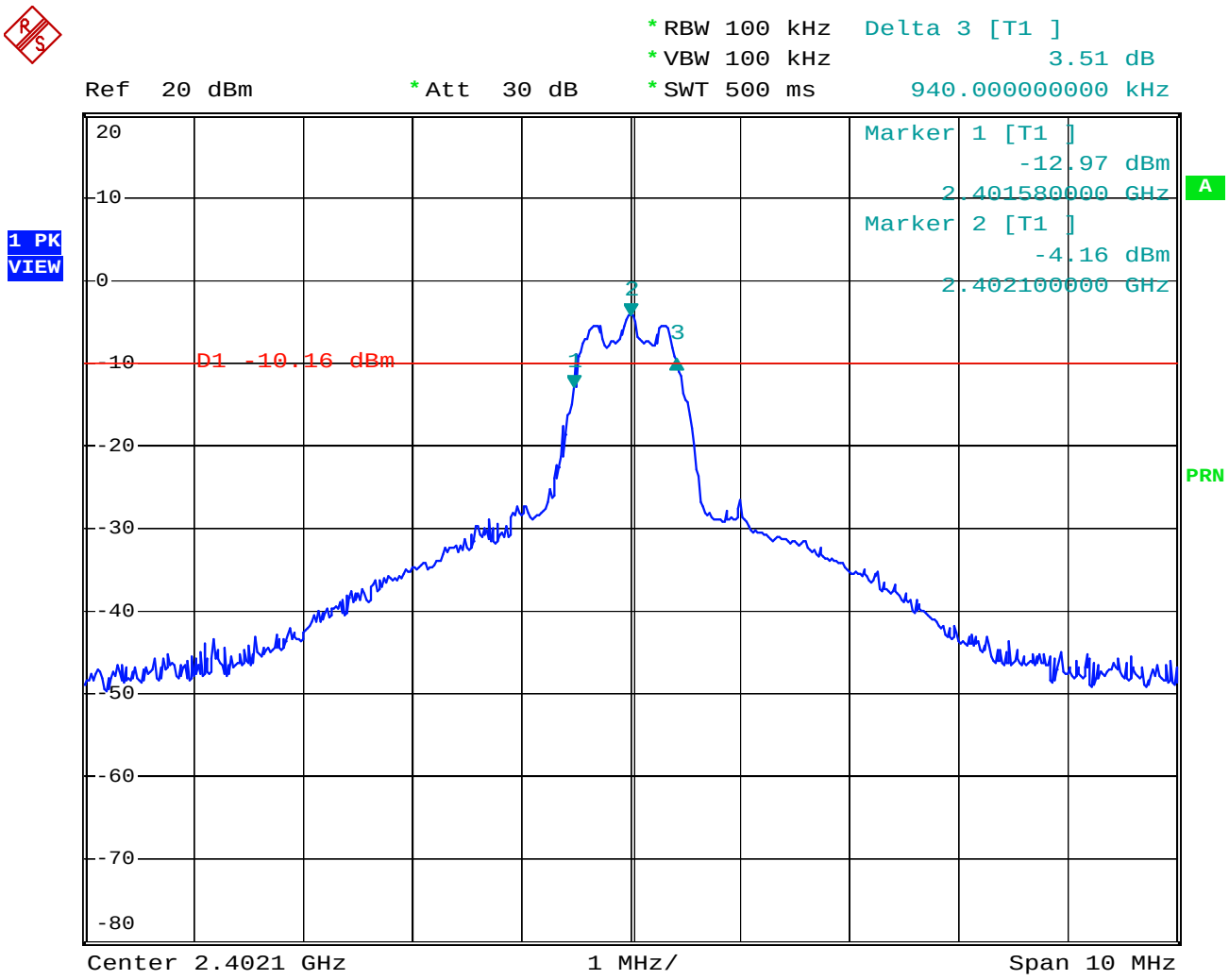
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

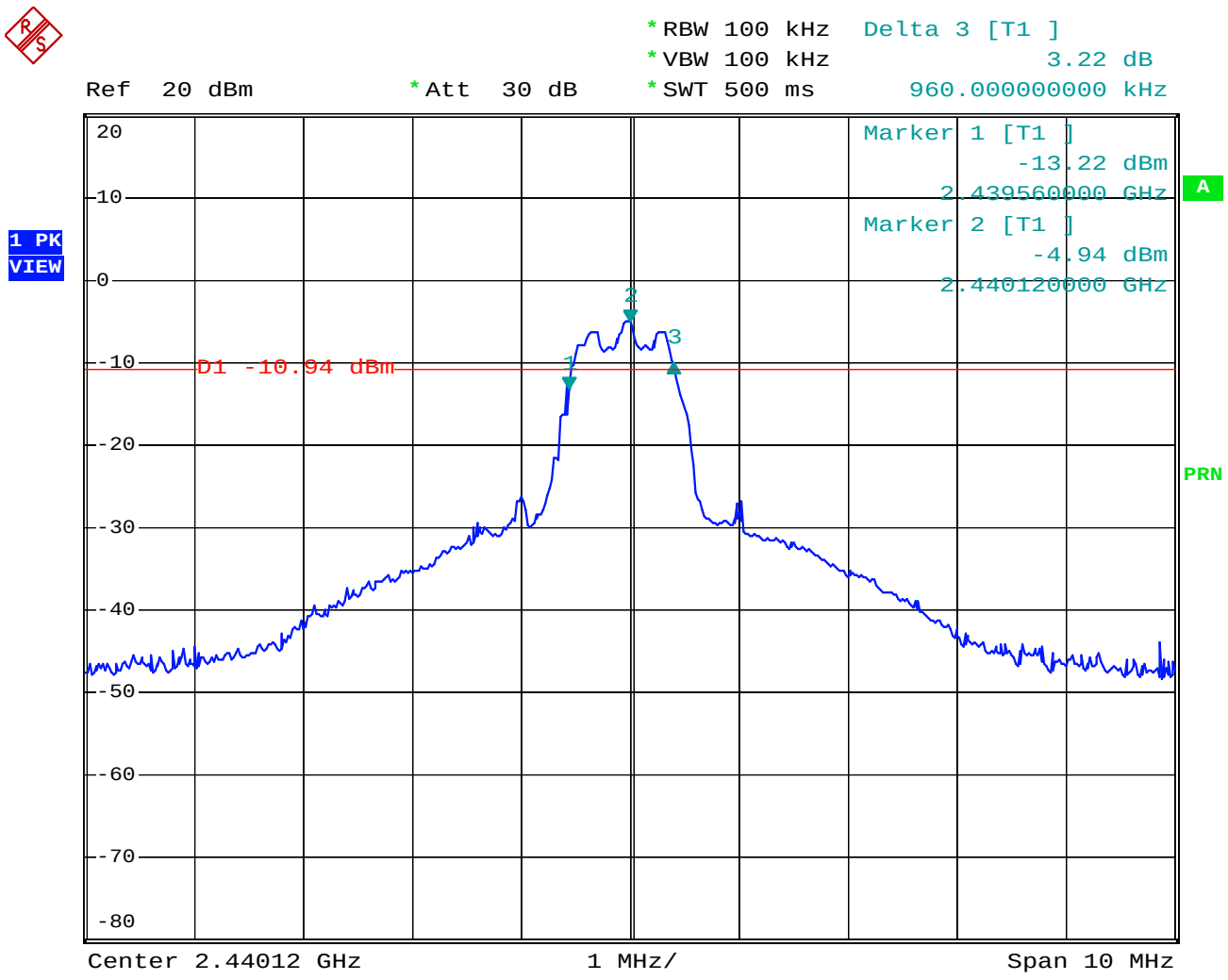
Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit (Tablet)		
Date of Test	2007/04/12	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Value (kHz)	Limit (kHz)	Result
01	2402	940	>500	Pass
39	2440	960	> 500	Pass
78	2479	980	> 500	Pass

Channel 01

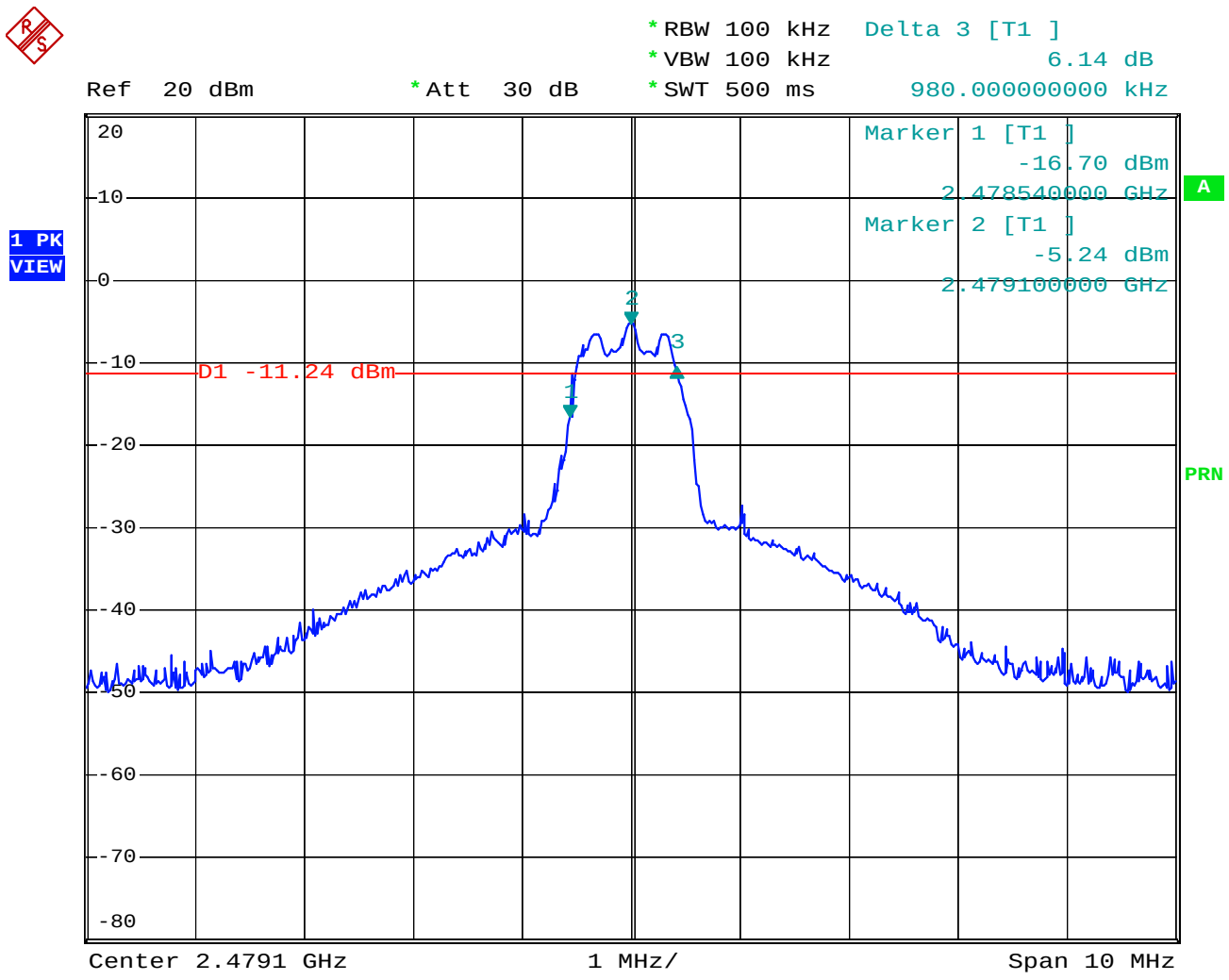


Channel 39



Date: 1.JAN.2000 13:14:49

Channel 78

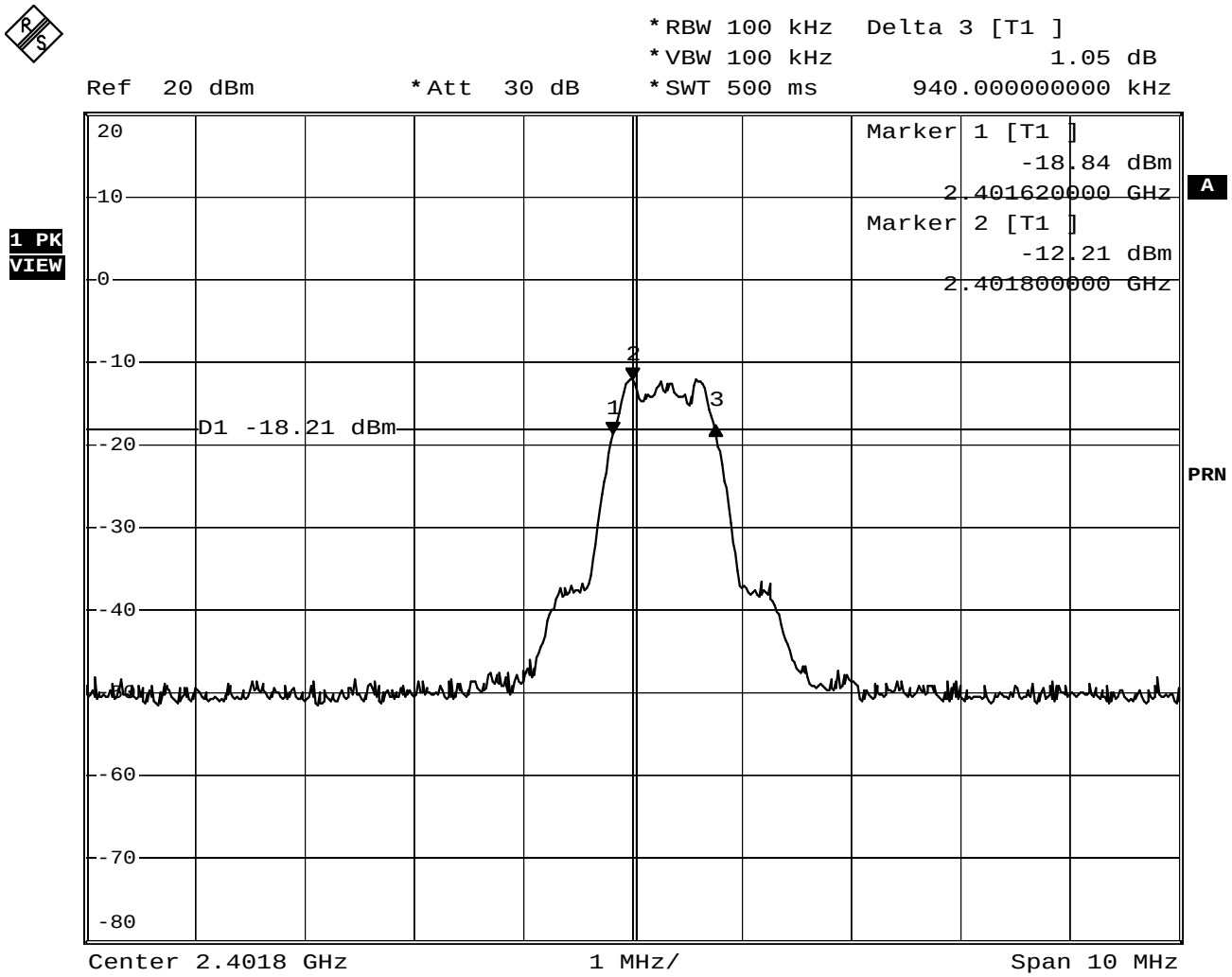


Date: 1.JAN.2000 13:10:28

Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Transmit (Dongle)		
Date of Test	2006/04/19	Test Site	No.1 OATS

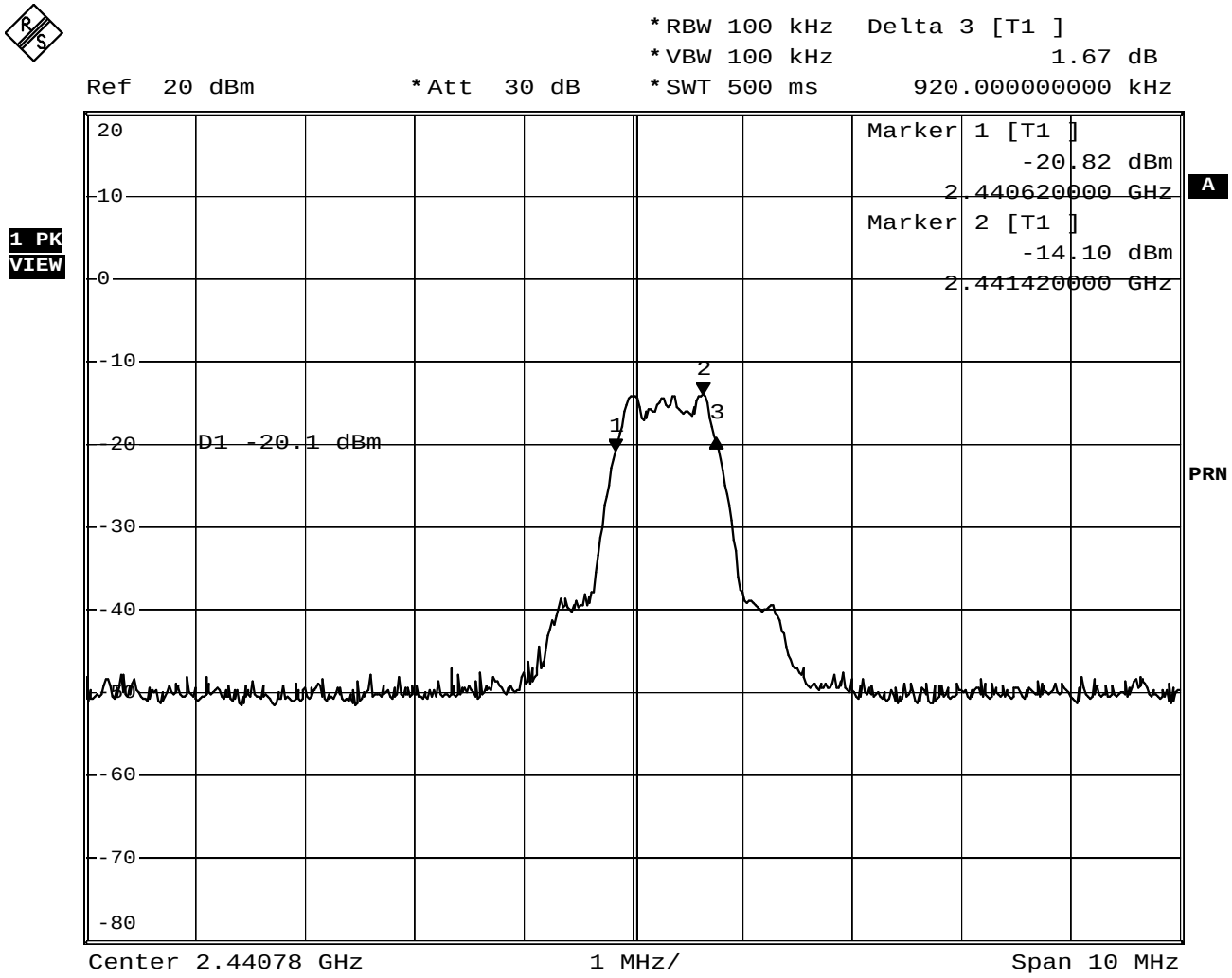
Channel No.	Frequency (MHz)	Measure Value (kHz)	Limit (kHz)	Result
01	2402	940	> 500	Pass
39	2440	920	> 500	Pass
78	2479	960	> 500	Pass

Channel 01



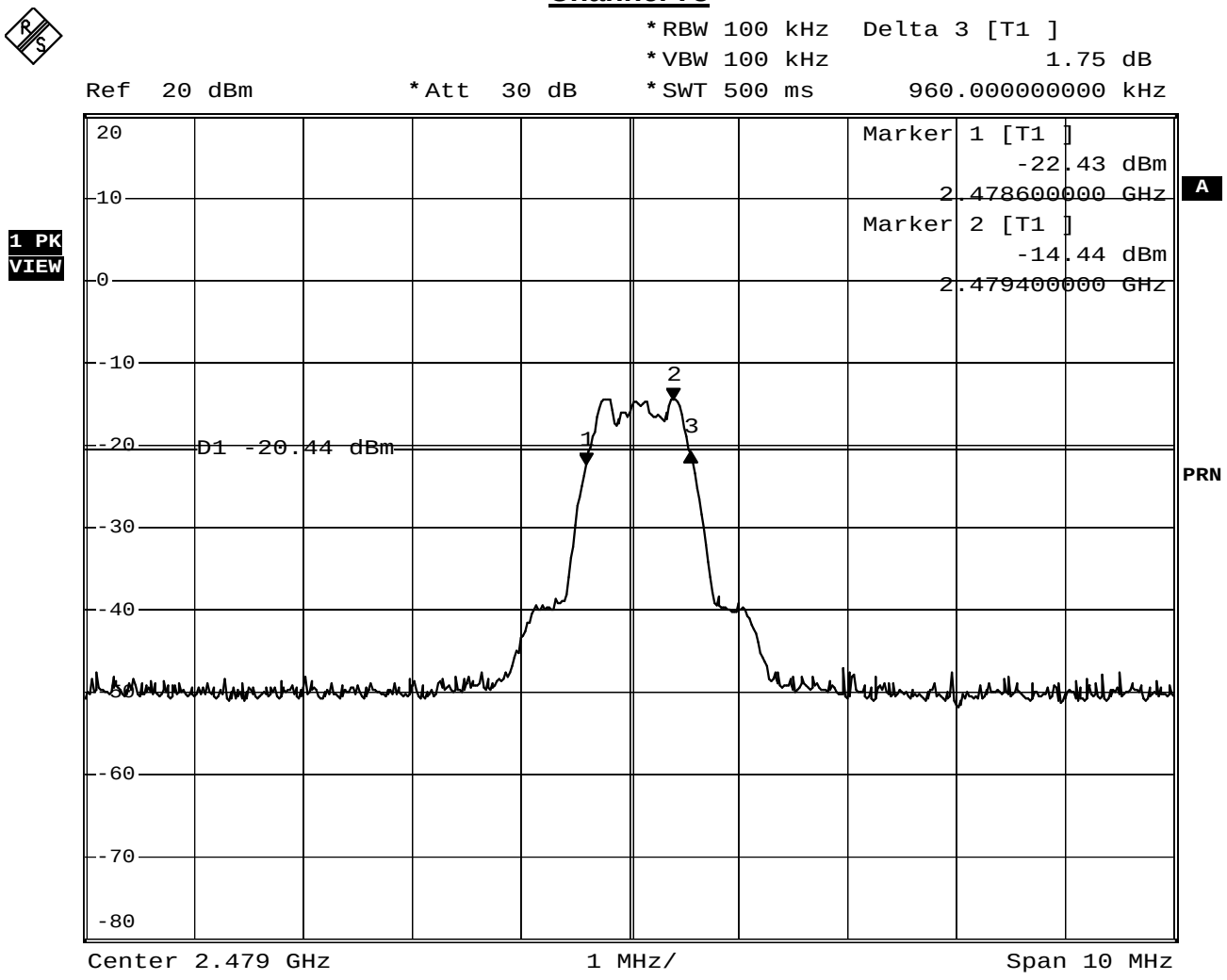
Date: 12.APR.2007 14:26:45

Channel 39



Date: 12.APR.2007 14:29:39

Channel 78



Date: 12.APR.2007 14:31:17

8. Power Density

8.1. Test Equipment

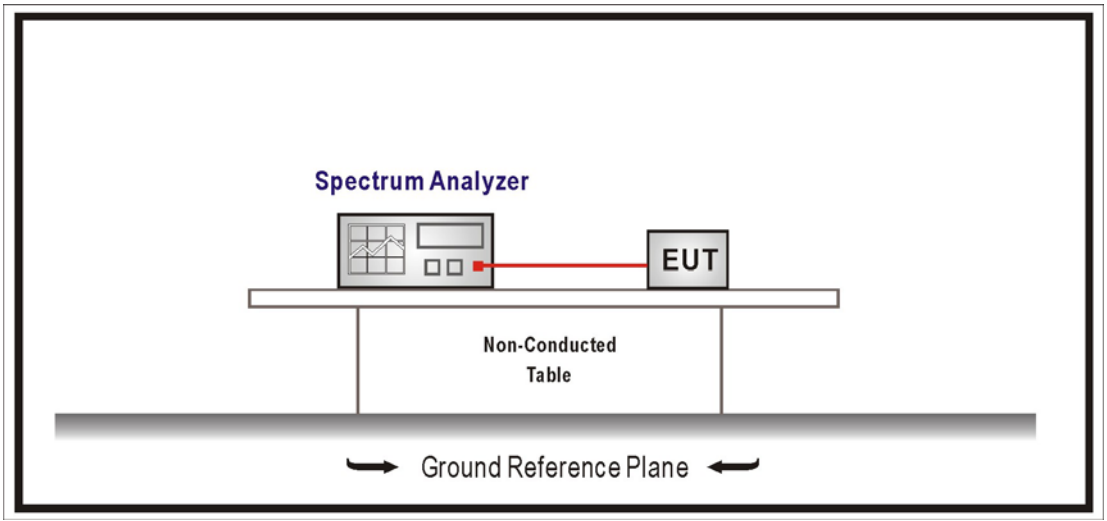
The following test equipment are used during the test:

Power Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	R&S	FSP	100561	2011/02/04

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

8.2. Test Setup



8.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

8.4. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW≧ 9 kHz, Sweep time=Auto, Set detector=Peak detector

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2009

8.6. Uncertainty

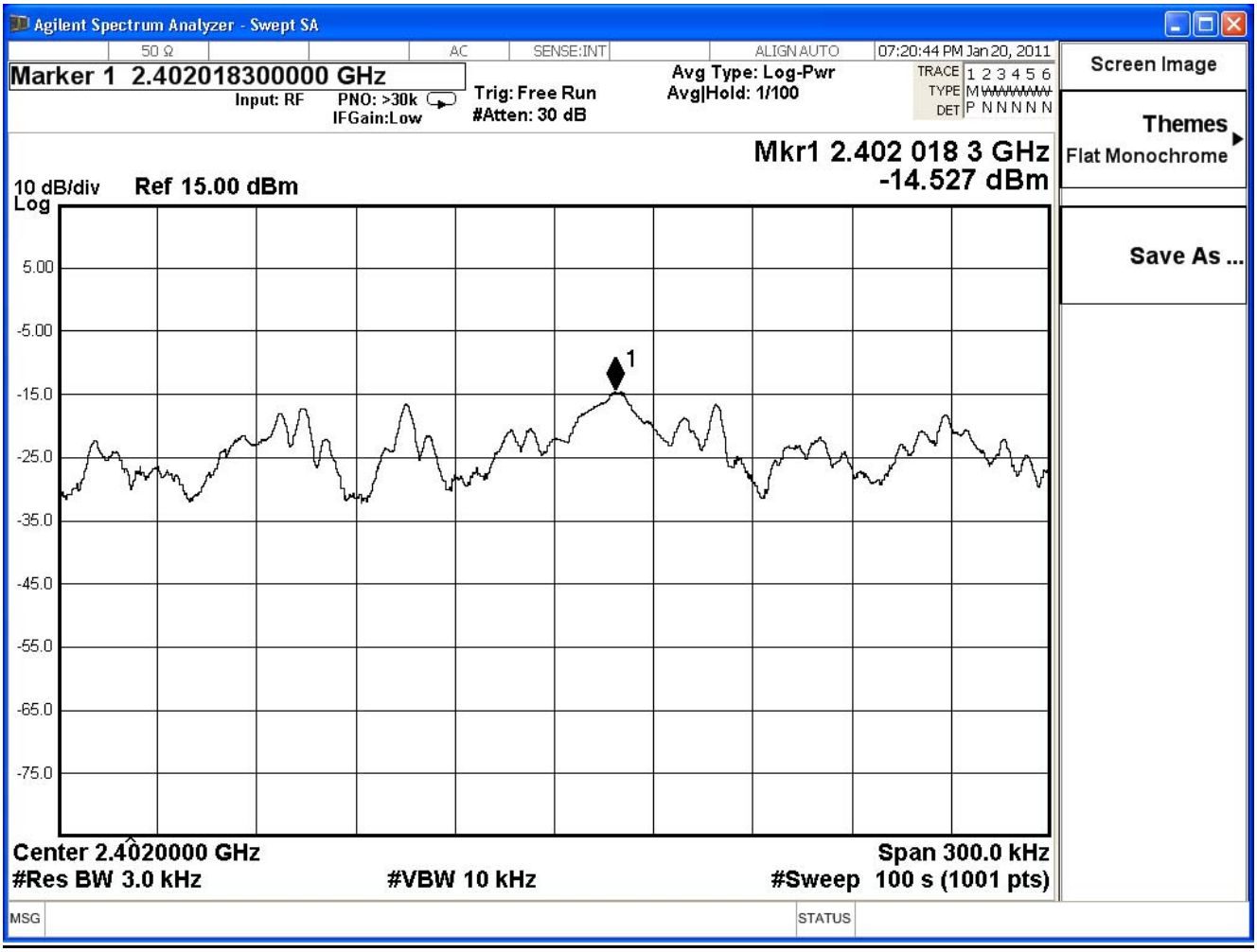
The measurement uncertainty is defined as ±1.27dB.

8.7. Test Result

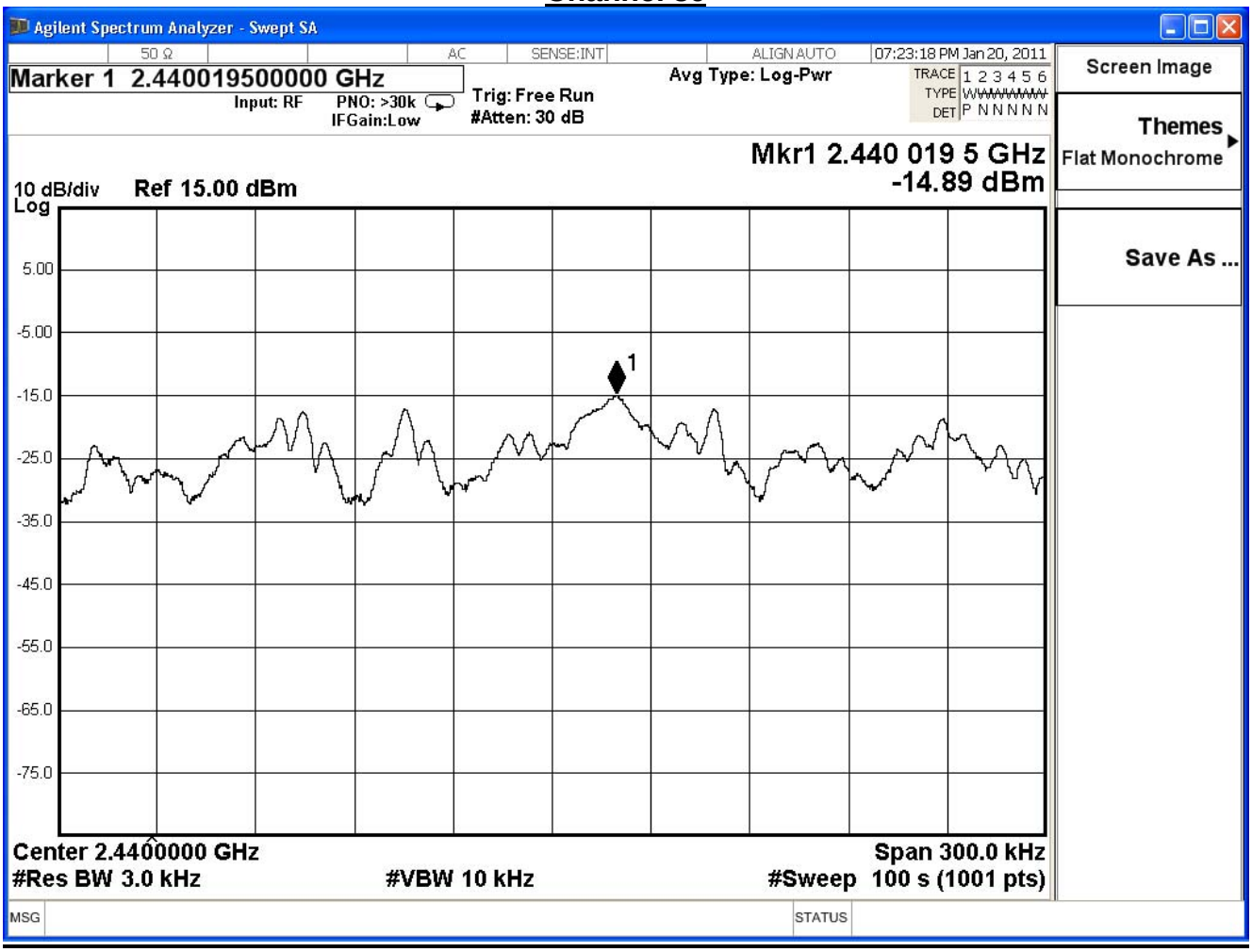
Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Power Density		
Test Mode	Mode 1: Transmit (Tablet)		
Date of Test	2011/01/20	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2402	-14.53	≤8	Pass
39	2440	-14.89	≤8	Pass
78	2479	-15.22	≤8	Pass

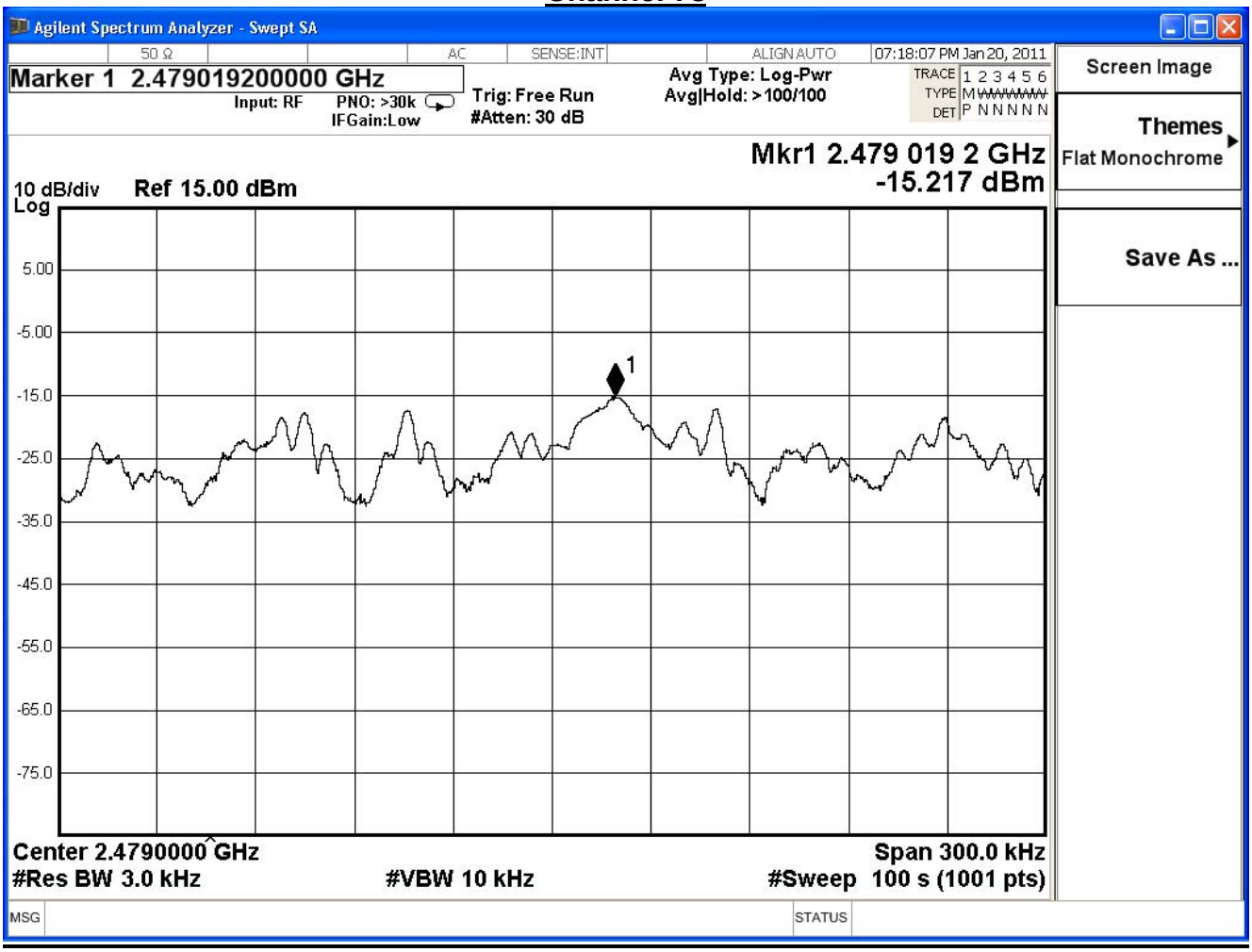
Channel 01



Channel 39


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:23:18 PM Jan 20, 2011
Marker 1 2.440019500000 GHz
Input: RF
PNO: >30k
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
TRACE 1 2 3 4 5 6
TYPE WWWWWW
DET P N N N N N
Mkr1 2.440 019 5 GHz
-14.89 dBm
10 dB/div
Log
Ref 15.00 dBm
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
1
Center 2.4400000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 300.0 kHz
#Sweep 100 s (1001 pts)
MSG
STATUS
Screen Image
Themes
Flat Monochrome
Save As ...

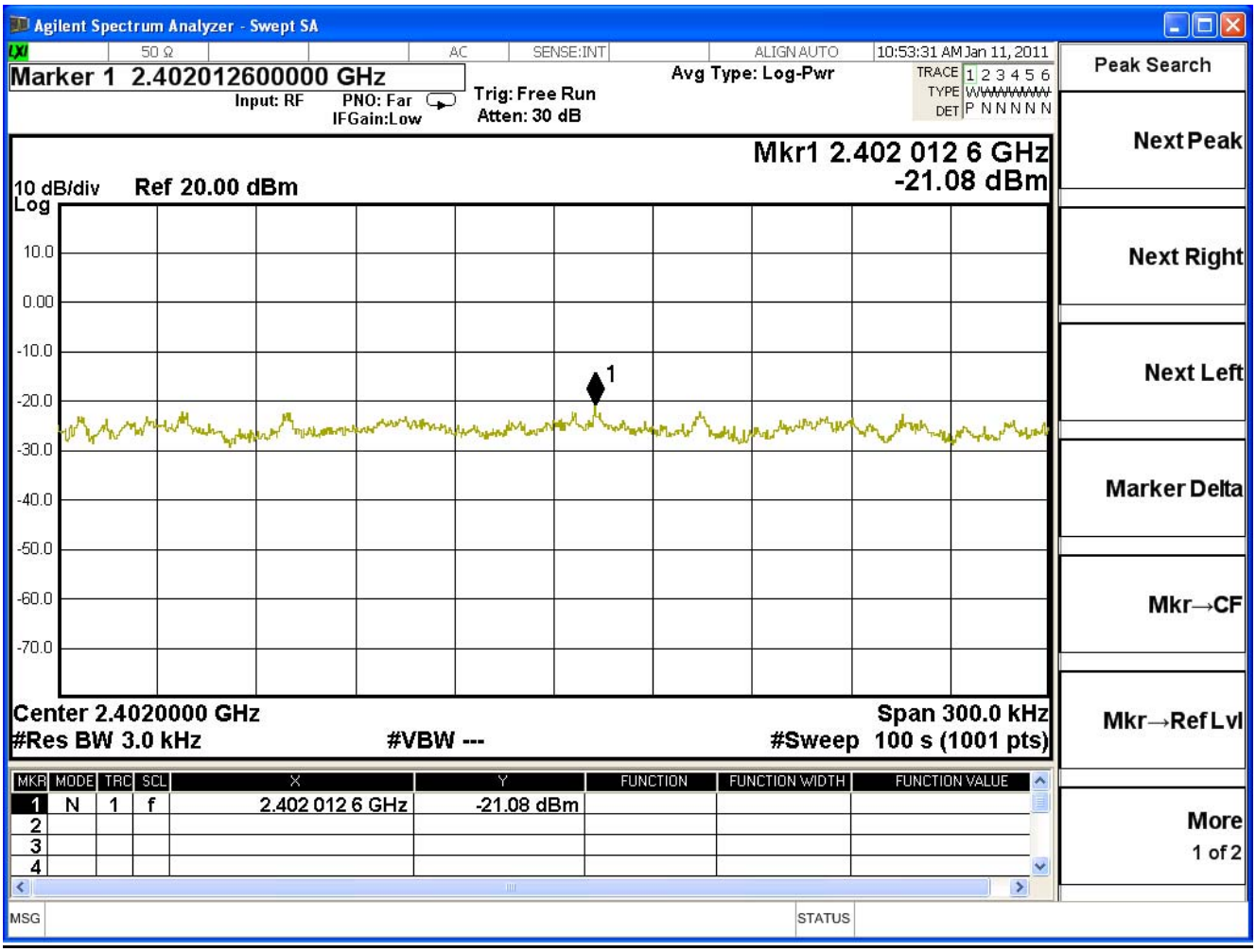
Channel 78


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:18:07 PM Jan 20, 2011
Marker 1 2.479019200000 GHz
Input: RF
PNO: >30k
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: >100/100
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.479 019 2 GHz
-15.217 dBm
10 dB/div
Log
Ref 15.00 dBm
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
1
Center 2.4790000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 300.0 kHz
#Sweep 100 s (1001 pts)
MSG
STATUS
Screen Image
Themes
Flat Monochrome
Save As ...

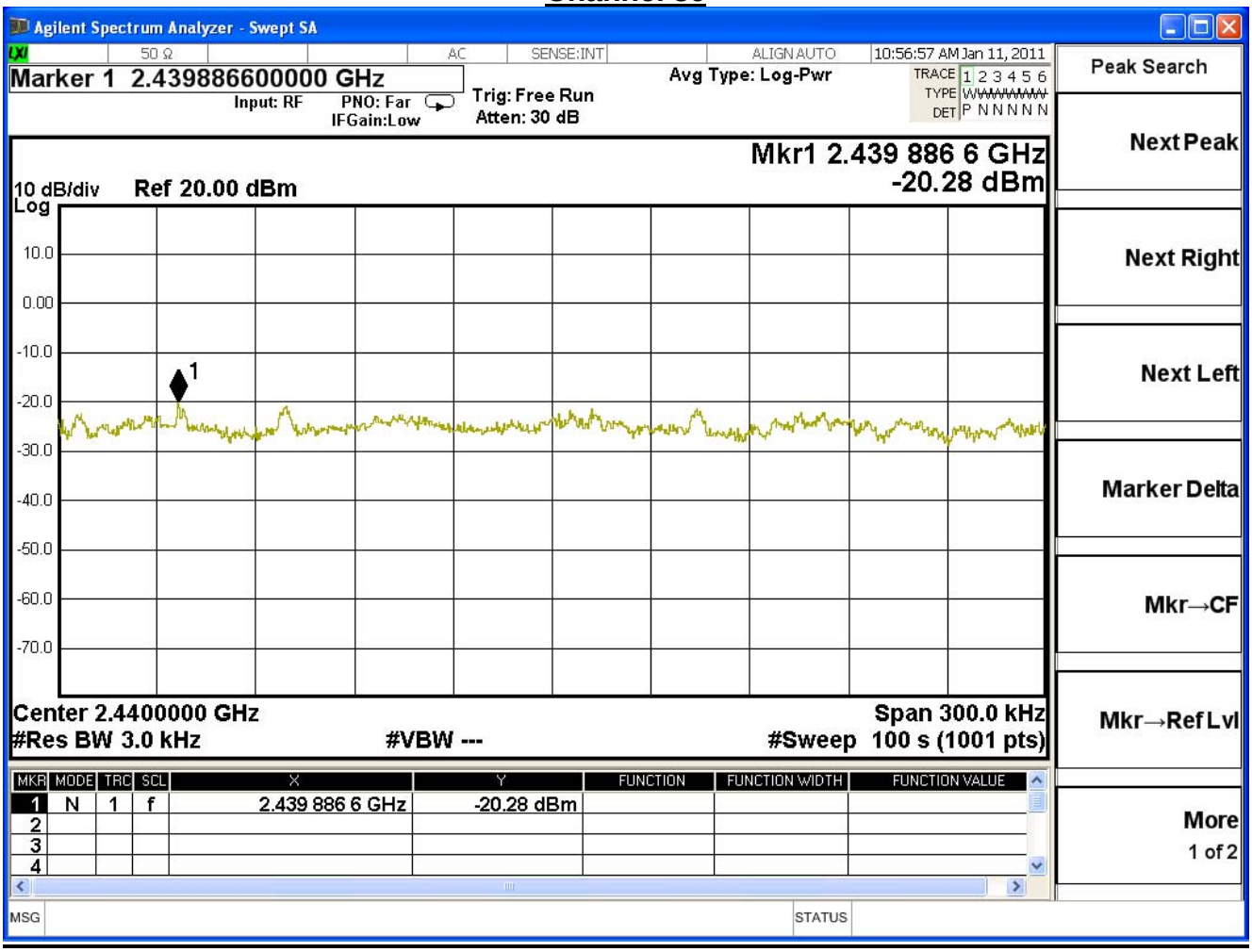
Product	Tablet: Wireless Tablet X860/X861; Dongle: Wireless Tablet Receiver X860/X861		
Test Item	Power Density		
Test Mode	Mode 2: Transmit (Dongle)		
Date of Test	2011/01/11	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
01	2402	-21.08	<8	Pass
39	2440	-20.28	<8	Pass
78	2479	-22.76	<8	Pass

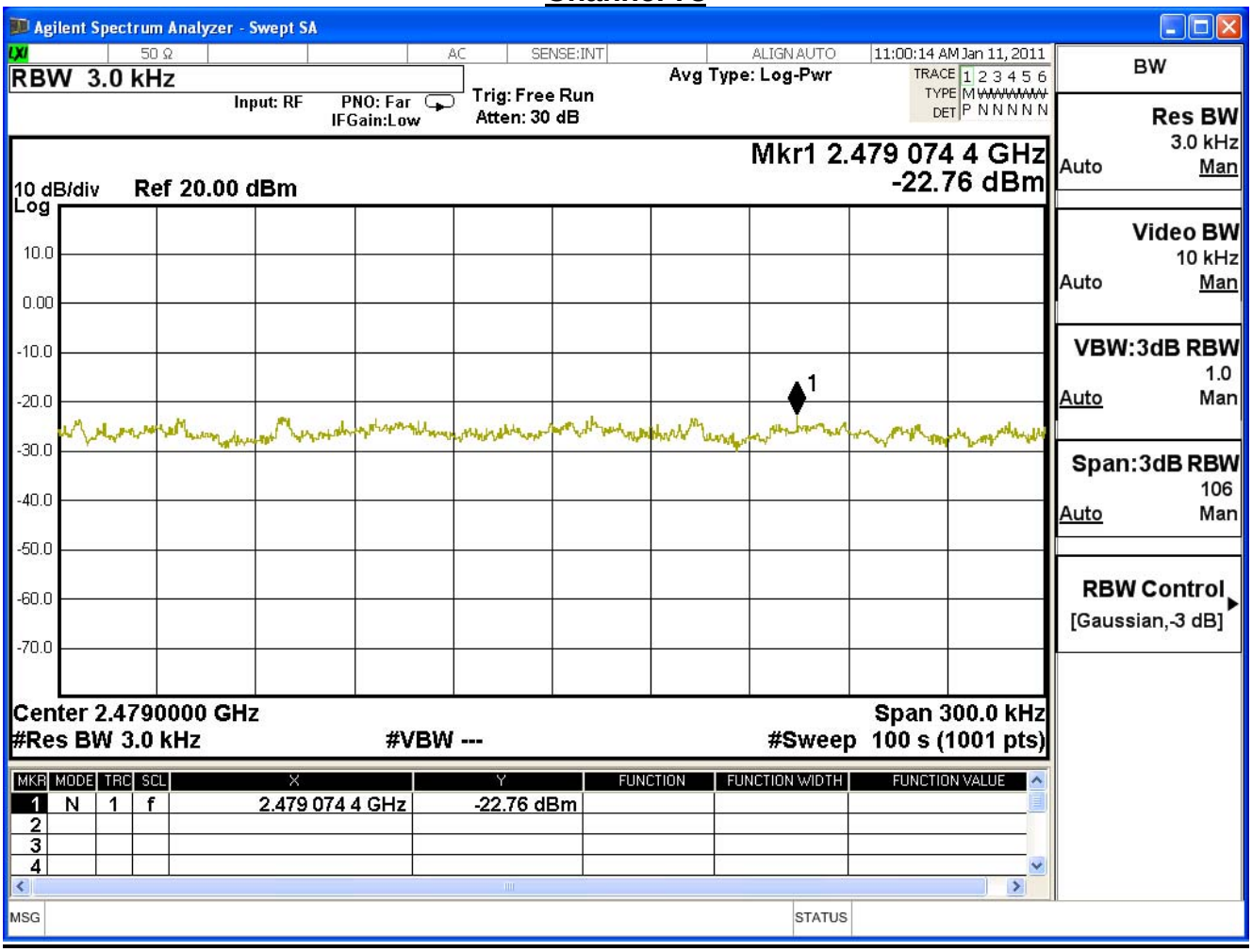
Channel 01



Channel 39


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:56:57 AM Jan 11, 2011
Marker 1 2.439886600000 GHz
Input: RF
PNO: Far
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
TRACE 1 2 3 4 5 6
TYPE WWWWWW
DET P N N N N N
Mkr1 2.439 886 6 GHz
-20.28 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.4400000 GHz
#Res BW 3.0 kHz
#VBW ---
Span 300.0 kHz
#Sweep 100 s (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.439 886 6 GHz -20.28 dBm
2
3
4
MSG
STATUS
Peak Search
Next Peak
Next Right
Next Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

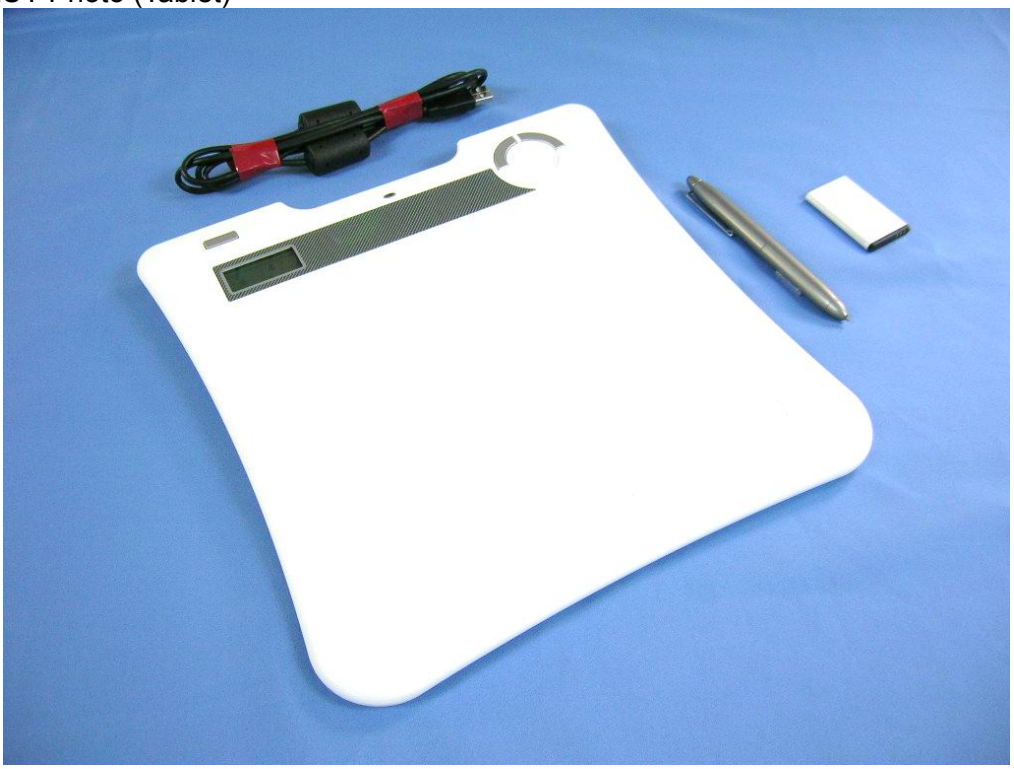
Channel 78


Agilent Spectrum Analyzer - Swept SA
50 Ω
AC
SENSE:INT
ALIGN AUTO
11:00:14 AM Jan 11, 2011
RBW 3.0 kHz
Input: RF
PNO: Far
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 2.479 074 4 GHz
-22.76 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
1
Center 2.4790000 GHz
#Res BW 3.0 kHz
#VBW ---
Span 300.0 kHz
#Sweep 100 s (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.479 074 4 GHz -22.76 dBm
2
3
4
MSG
STATUS
BW
Res BW
3.0 kHz
Auto Man
Video BW
10 kHz
Auto Man
VBW:3dB RBW
1.0
Auto Man
Span:3dB RBW
106
Auto Man
RBW Control
[Gaussian,-3 dB]

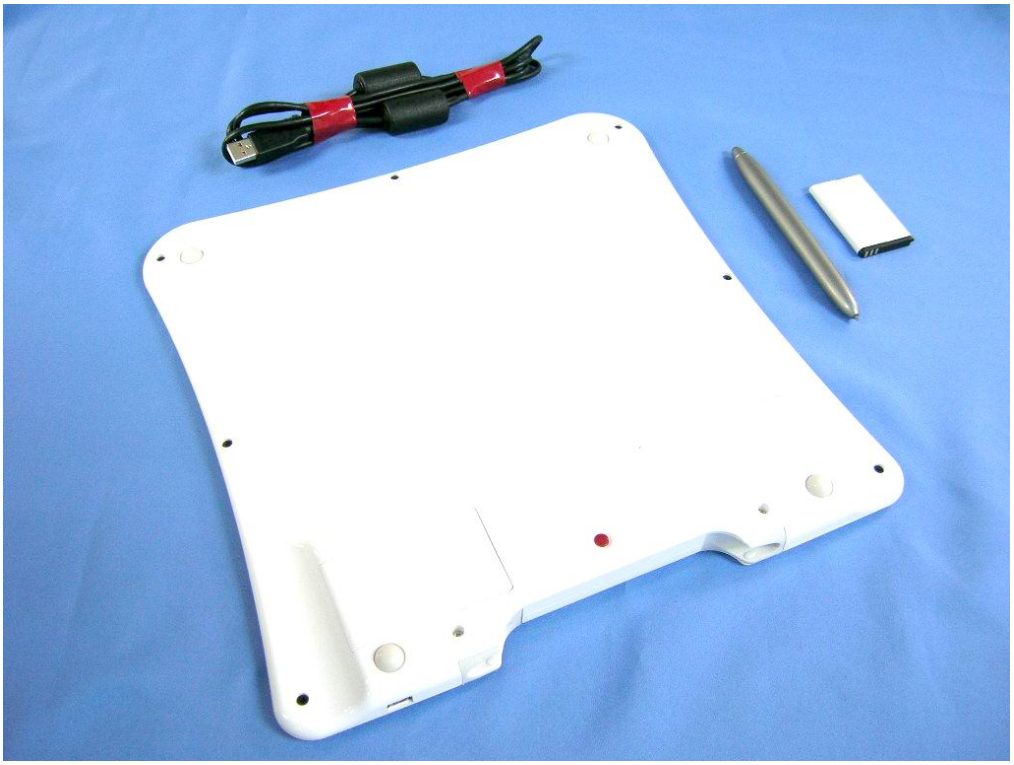
Attachement

➢ EUT Photograph

(1) EUT Photo (Tablet)



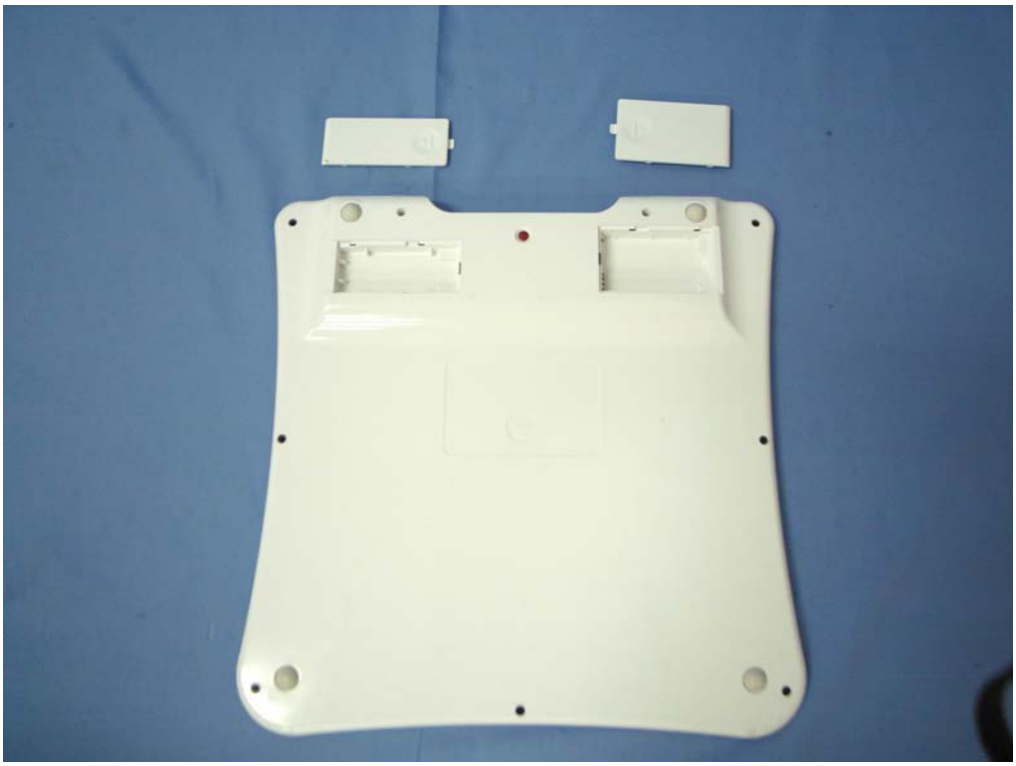
(2) EUT Photo



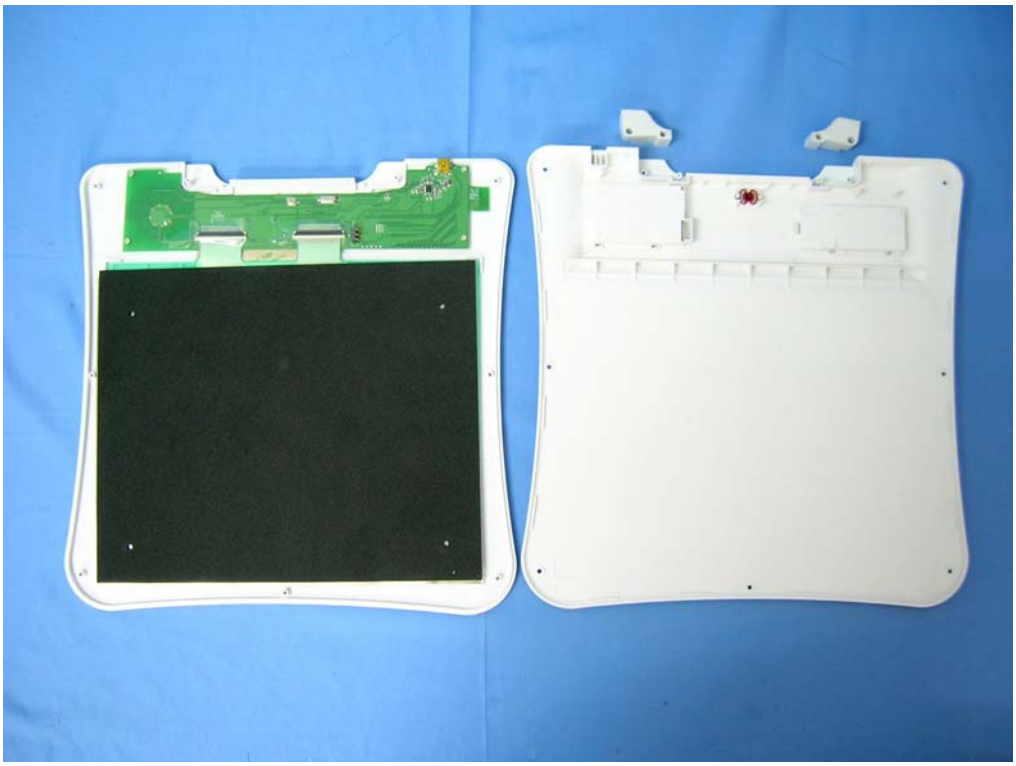
(3) EUT Photo

(4) EUT Photo

(5) EUT Photo

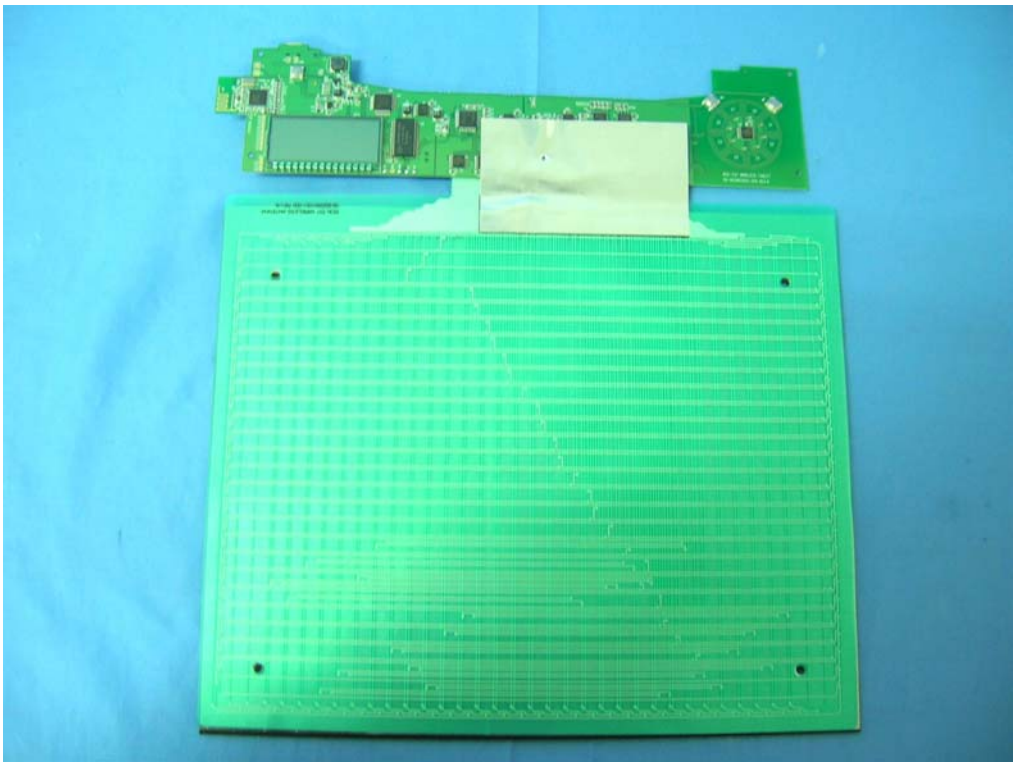


(6) EUT Photo

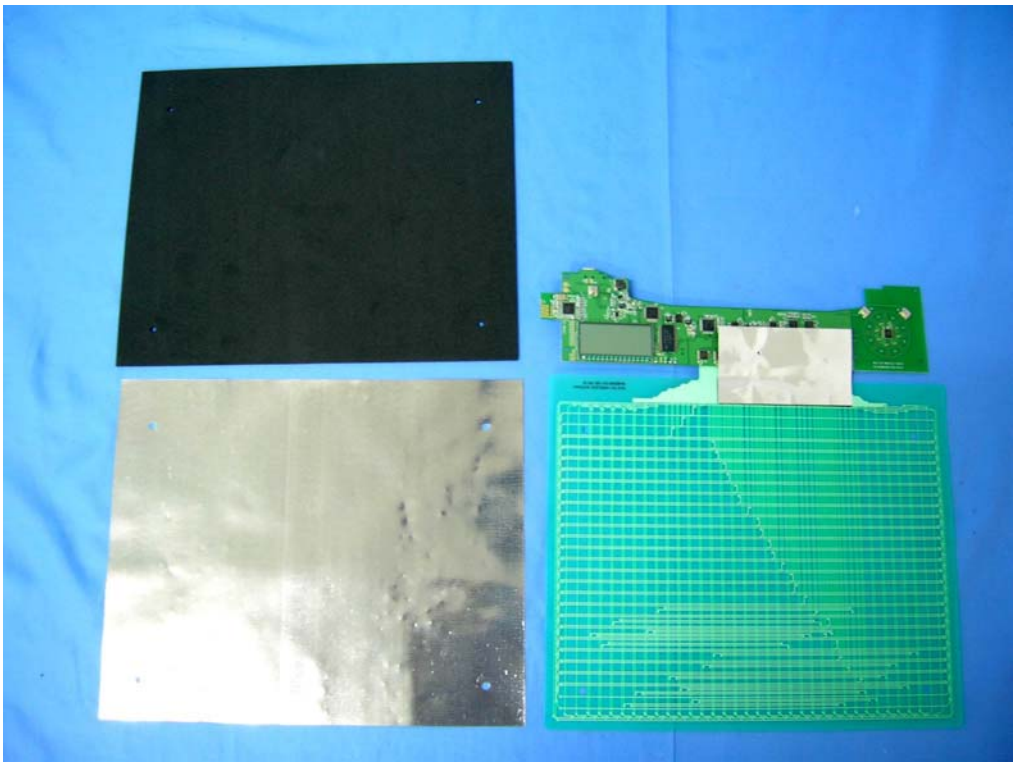


(7) EUT Photo

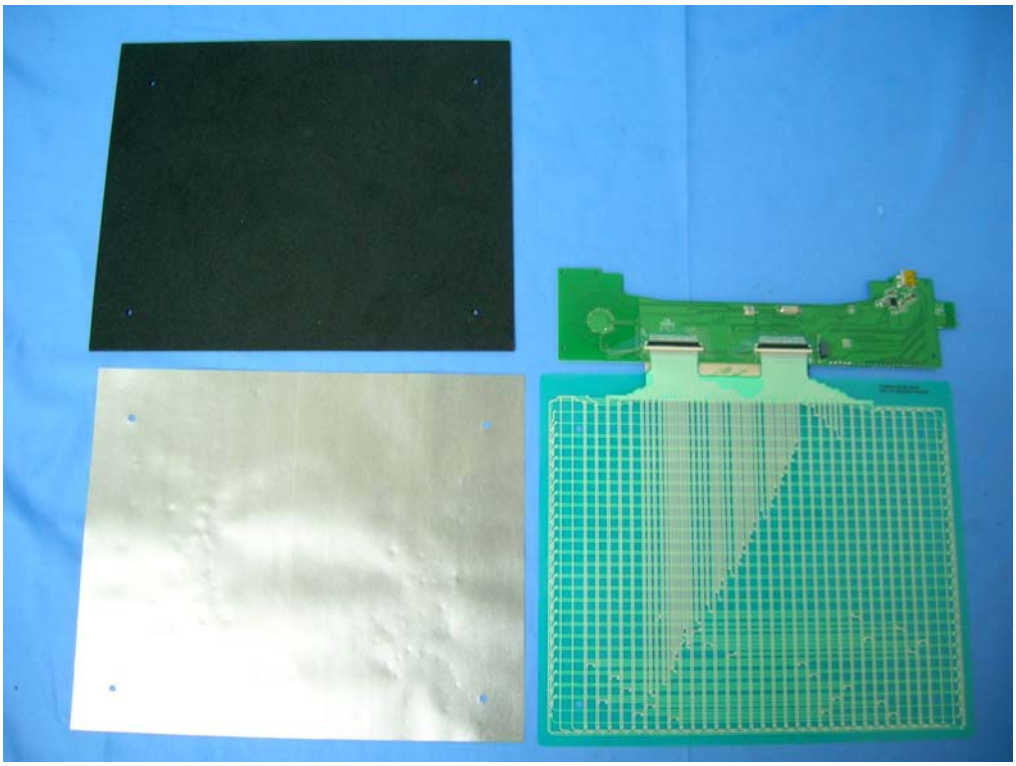
(8) EUT Photo



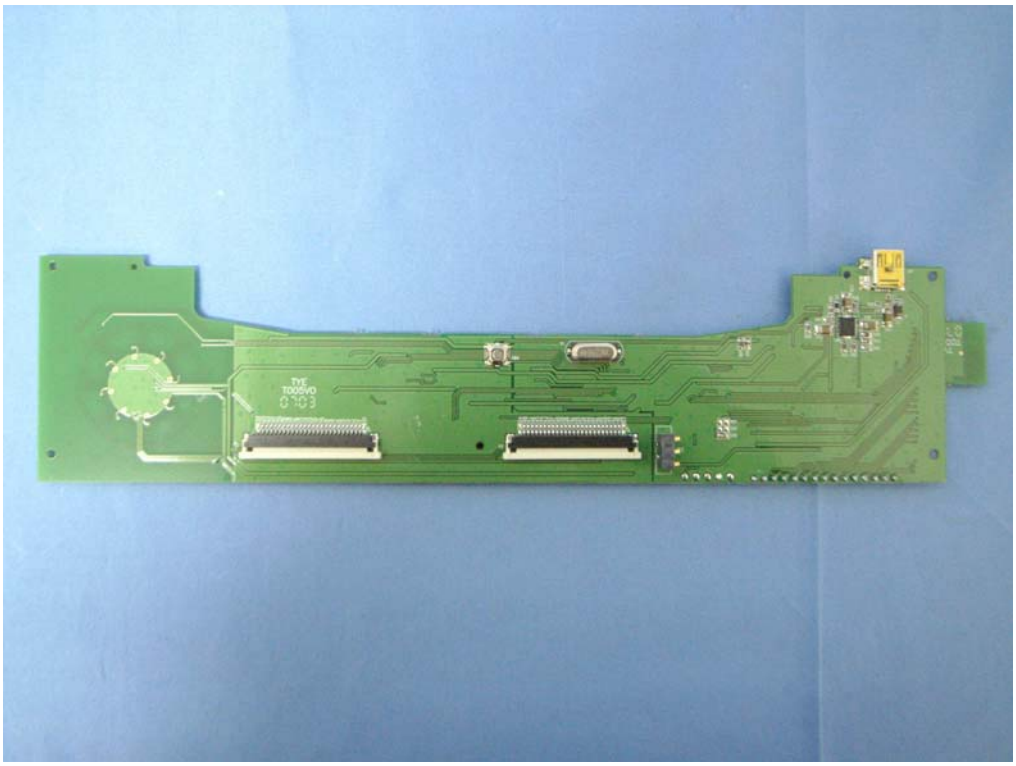
(9) EUT Photo



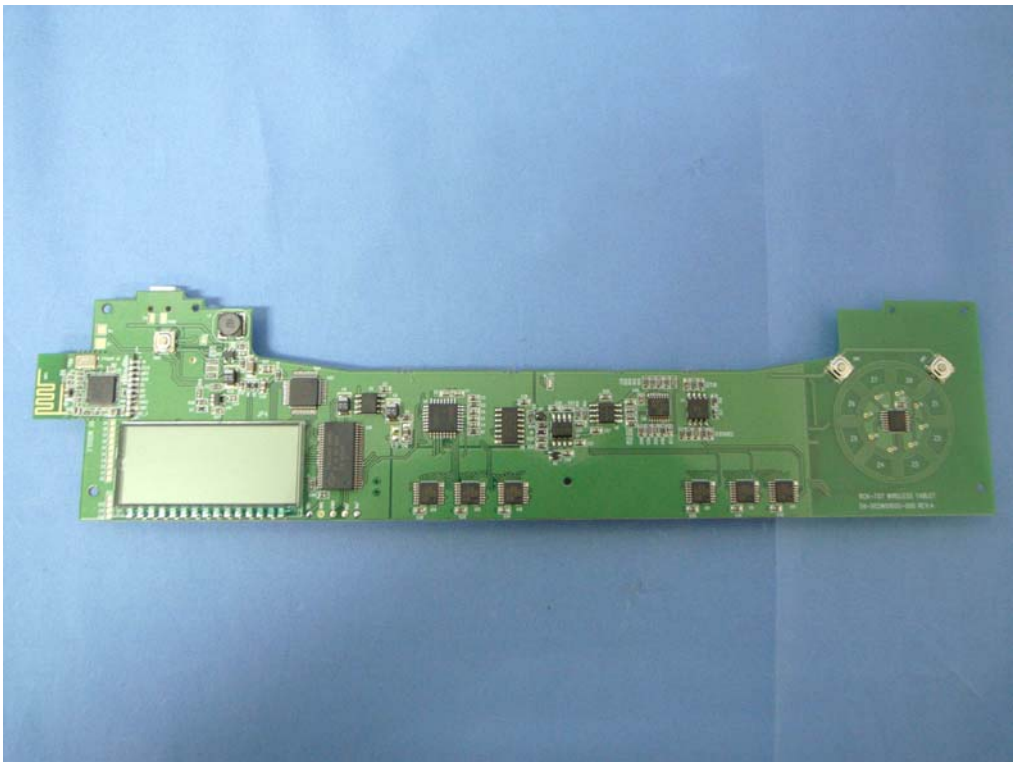
(10) EUT Photo



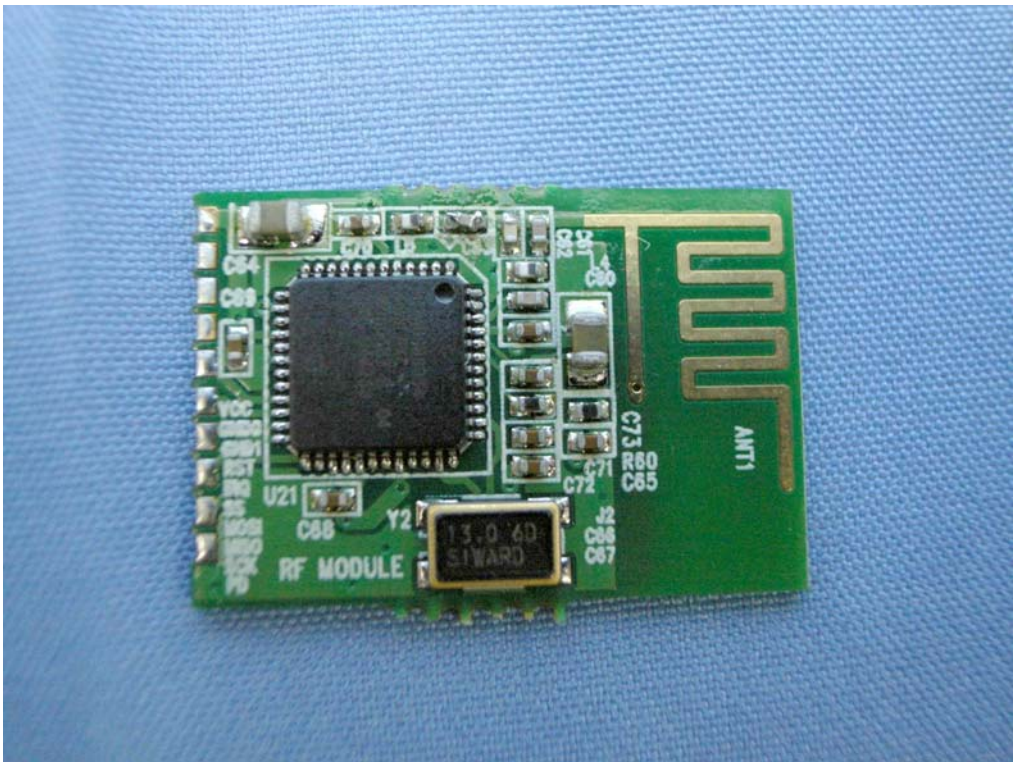
(11) EUT Photo



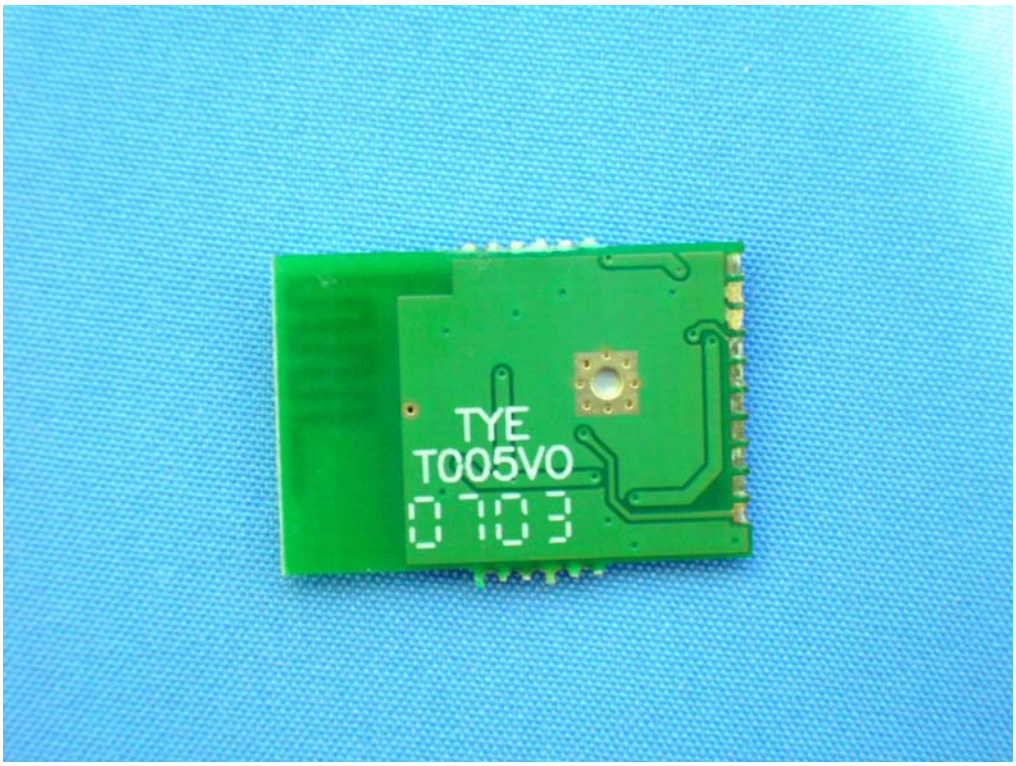
(12) EUT Photo



(13) EUT Photo

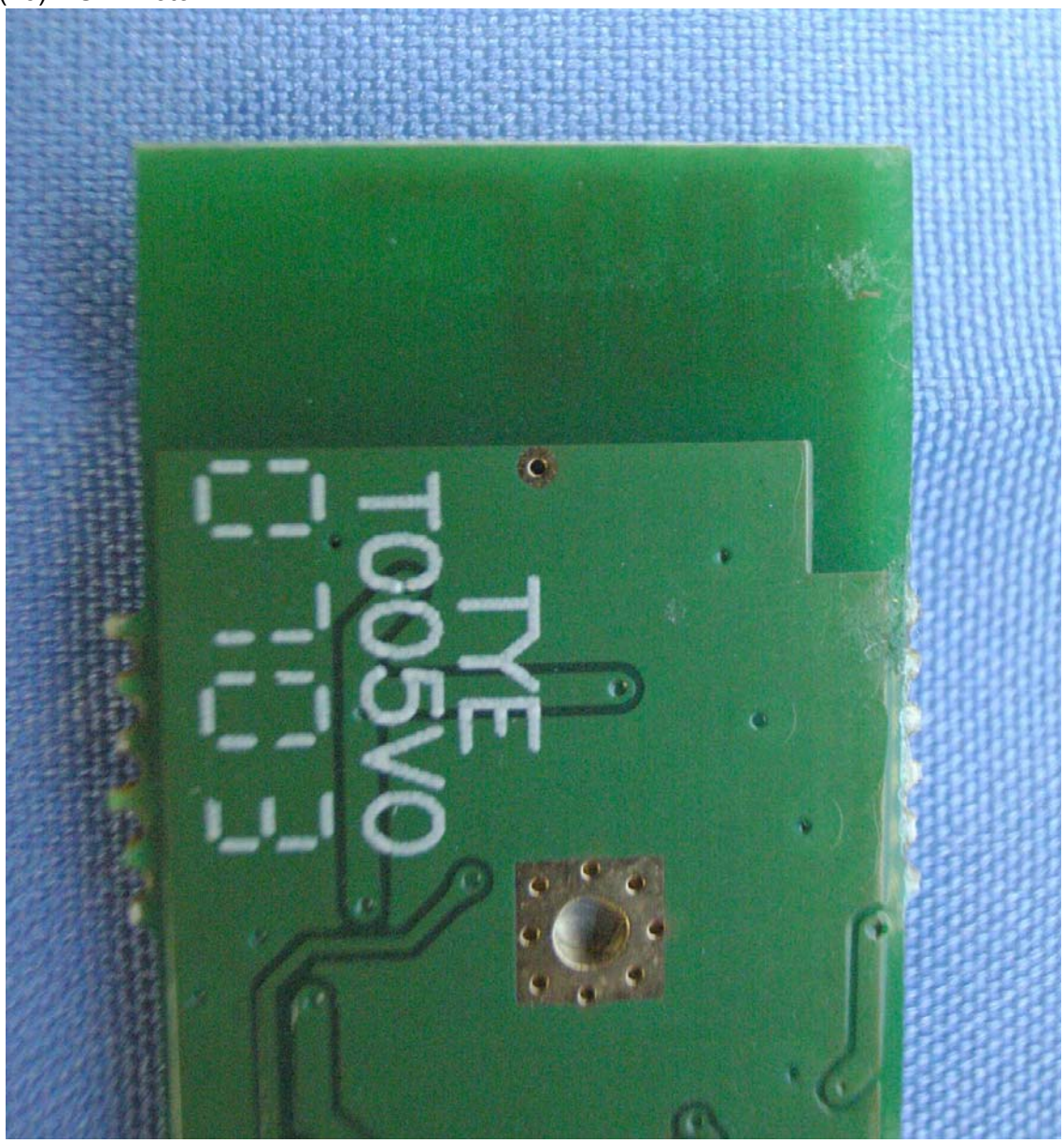


(14) EUT Photo



(15) EUT Photo

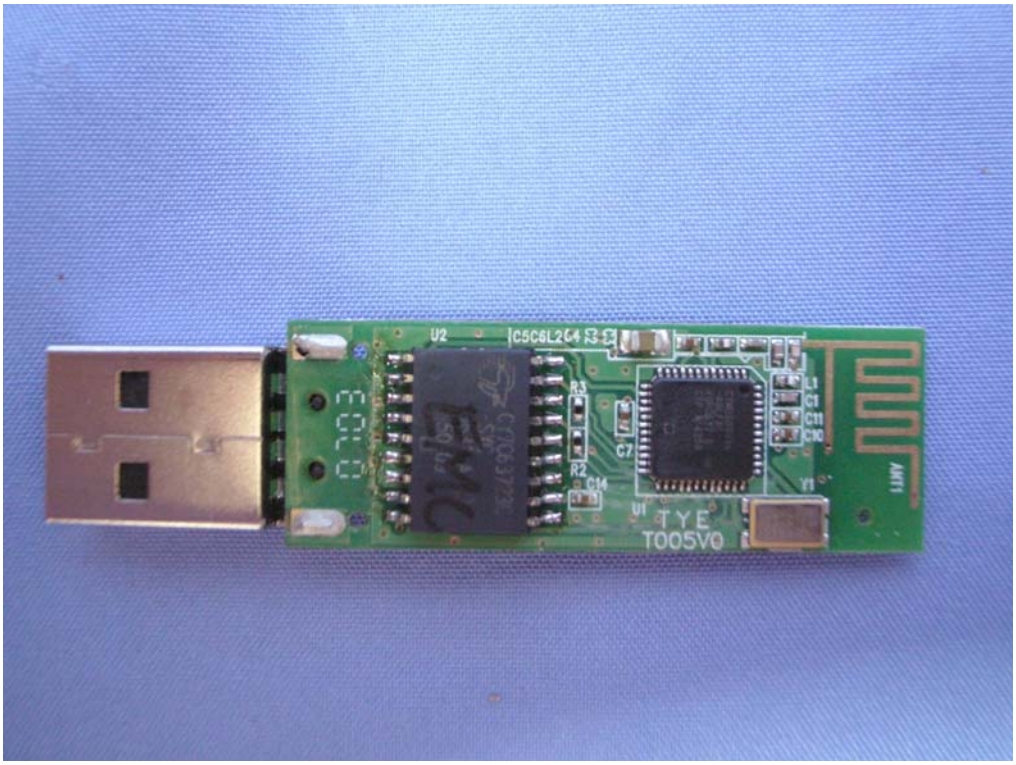
(16) EUT Photo



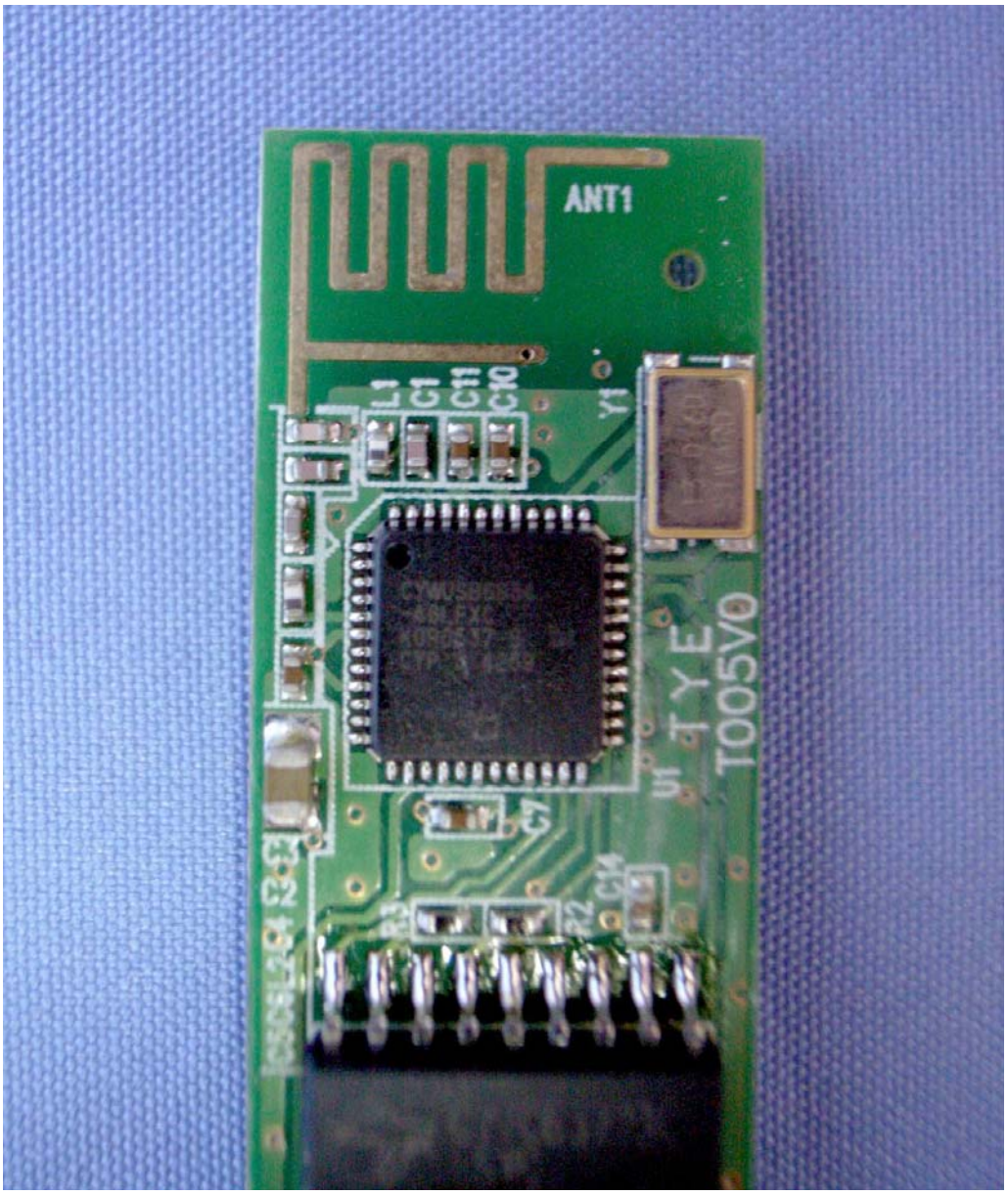
(17) EUT Photo (Dongle)

(18) EUT Photo

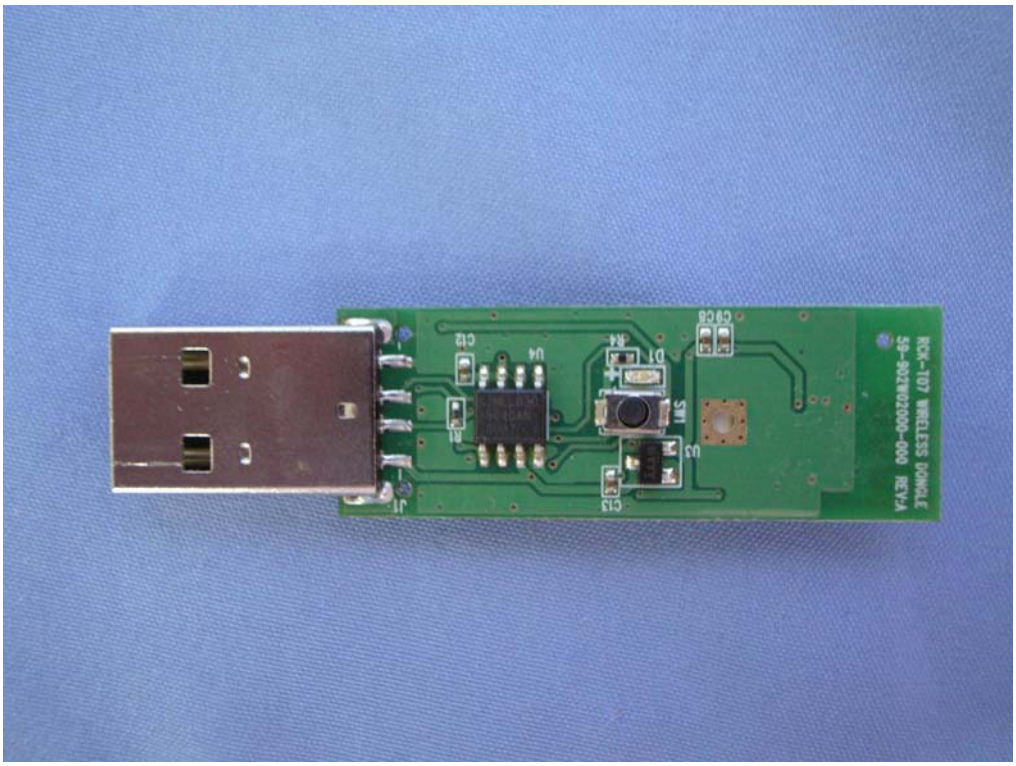
(19) EUT Photo



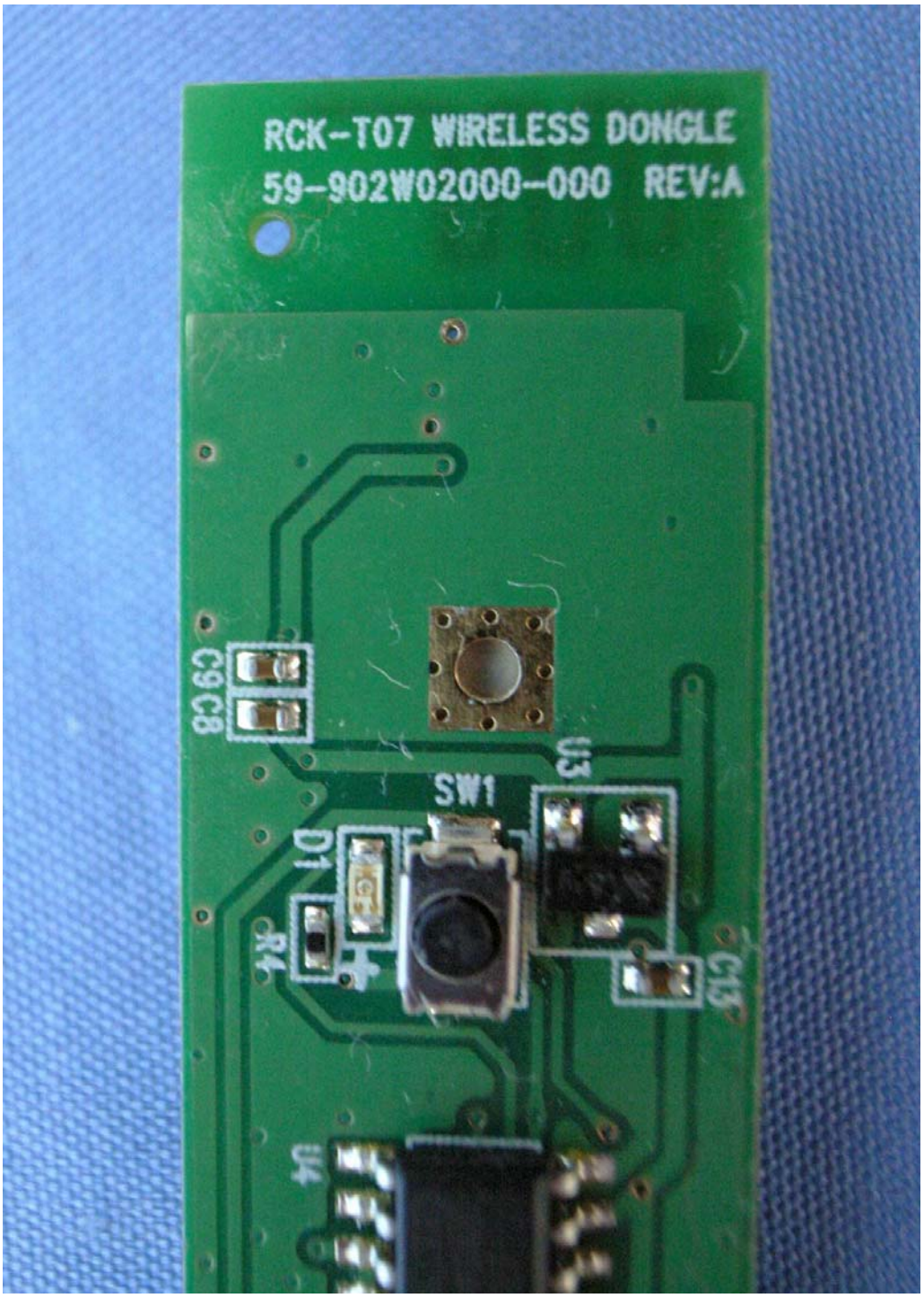
(20) EUT Photo



(21) EUT Photo



(22) EUT Photo


RCK-T07 WIRELESS DONGLE
59-902W02000-000 REV:A
C9
C8
SW1
U3
D1
R1
C13
U4