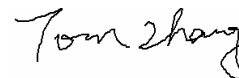


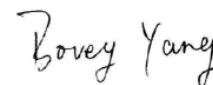
FCC RADIO TEST REPORT

Report Reference No. : NTEK-2011NT1111583E

Compiled by (+ signature) : Tom Zhang



Approved by (+ signature) : Bovey Yang



Applicant's name : Shenzhen Ployer Electronics Co.,Ltd

Address..... : 6F, Building 8, Yusheng Industrial Park, Gushu, Xixiang Town, Baoan District, Shenzhen, China

Manufacture's Name : Shenzhen Ployer Electronics Co.,Ltd

Address..... : 6F, Building 8, Yusheng Industrial Park, Gushu, Xixiang Town, Baoan District, Shenzhen, China

Test specification:

Standard : FCC Part15.247

Test procedure : ANSI C63.4-2003

Test item description

Product name : Tablet PC

FCC ID : Z9UMOMO9C

Trademark : N/A

Model and/or type reference : MOMO9C, CM007, MOMO13, MOMO9R, MOMO9

Rating(s) : DC 5V, 1.5A

Testing Laboratory information:

Testing Laboratory Name : NTEK Testing Technology Co., Ltd

Address : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao ' an District, Shenzhen P.R. China.

This device described above has been tested by NTEK Testing Technology Co., Ltd, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Testing :

Date of receipt of test item : 10 Nov. 2011

Date (s) of performance of tests : 08 Nov. 2011 ~18 Nov. 2011

Date of Issue : 18 Nov. 2011

Test Result..... : **Pass**

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247 (c)	Antenna conducted Spurious Emission	PASS	
15.247 (a)(2)	6dB Bandwidth	PASS	
15.247 (b)	Peak Output Power	PASS	
15.247 (c)	Radiated Spurious Emission	PASS	
15.247 (d)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

1.1 TEST FACILITY

NTEK Testing Technology Co., Ltd

Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen P.R. China.

FCC FRN Registration Nombre:238937; IC Registration Nombre:9270A-1

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	Radiated Emission Test	$\pm 3.17\text{dB}$
3	RF power,conducted	$\pm 0.16\text{dB}$
4	Spurious emissions,conducted	$\pm 0.21\text{dB}$
5	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
6	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Tablet PC																		
Trade Name	N/A																		
Model Name	MOMO9C, CM007, MOMO13, MOMO9R, MOMO9																		
OEM Brand/Model Name	N/A																		
Model Difference	N/A																		
Product Description	<p>The EUT is a Tablet PC</p> <table border="1"> <tr> <td>Operation Frequency:</td><td>2412~2462 MHz</td></tr> <tr> <td>Modulation Type:</td><td>CCK, DQPSK, DBPSK, OFDM</td></tr> <tr> <td>Bit Rate of Transmitter</td><td> 802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n(20M):54/48/36/24/18/12/9/6 Mbps 802.11n(40M):300/270/240/180/150/120/108/90 Mbps </td></tr> <tr> <td>Number Of Channel</td><td>11 CH, Please see Note 2.</td></tr> <tr> <td>Antenna Designation:</td><td>Please see Note 3.</td></tr> <tr> <td>Antenna Gain(Peak)</td><td>Please see Note 3.</td></tr> <tr> <td>Output Power(Conducted):</td><td> 802.11b: 10.87 dBm (Max.) 802.11g: 11.56 dBm (Max.) 802.11n(20M): 11.17 dBm (Max.) 802.11n(40M): 9.78 dBm (Max.) </td></tr> <tr> <td>Antenna Gain (dBi)</td><td>1.1</td></tr> <tr> <td>EIRP</td><td> 802.11b 11.97 dBm (Max.) 802.11g 12.66 dBm (Max.) 802.11n(20M): 12.27 dBm (Max.) 802.11n(40M): 10.88 dBm (Max.) </td></tr> </table> <p>Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</p>	Operation Frequency:	2412~2462 MHz	Modulation Type:	CCK, DQPSK, DBPSK, OFDM	Bit Rate of Transmitter	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n(20M):54/48/36/24/18/12/9/6 Mbps 802.11n(40M):300/270/240/180/150/120/108/90 Mbps	Number Of Channel	11 CH, Please see Note 2.	Antenna Designation:	Please see Note 3.	Antenna Gain(Peak)	Please see Note 3.	Output Power(Conducted):	802.11b: 10.87 dBm (Max.) 802.11g: 11.56 dBm (Max.) 802.11n(20M): 11.17 dBm (Max.) 802.11n(40M): 9.78 dBm (Max.)	Antenna Gain (dBi)	1.1	EIRP	802.11b 11.97 dBm (Max.) 802.11g 12.66 dBm (Max.) 802.11n(20M): 12.27 dBm (Max.) 802.11n(40M): 10.88 dBm (Max.)
Operation Frequency:	2412~2462 MHz																		
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Number Of Channel	11 CH, Please see Note 2.																		
Antenna Designation:	Please see Note 3.																		
Antenna Gain(Peak)	Please see Note 3.																		
Output Power(Conducted):	802.11b: 10.87 dBm (Max.) 802.11g: 11.56 dBm (Max.) 802.11n(20M): 11.17 dBm (Max.) 802.11n(40M): 9.78 dBm (Max.)																		
Antenna Gain (dBi)	1.1																		
EIRP	802.11b 11.97 dBm (Max.) 802.11g 12.66 dBm (Max.) 802.11n(20M): 12.27 dBm (Max.) 802.11n(40M): 10.88 dBm (Max.)																		
Channel List	Please refer to the Note 2.																		
Power Source	DC Voltage supplied from Adapter																		
Power Rating	DC 5V 1.5A																		
Connecting I/O Port(s)	Please refer to the User's Manual																		
Products Covered	N/A																		

Note

:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.

Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3.

Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	N/A	N/A	Printed Antenna	NA	1.1	N/A

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n(20M) CH1/ CH6/ CH11
Mode 4	802.11n(40M) CH3/ CH6/ CH9

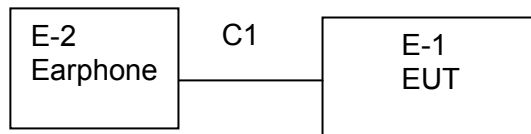
For Conducted Emission	
Final Test Mode	Description
	N/A

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n(20M) CH1/ CH6/ CH11
Mode 4	802.11n(40M) CH3/ CH6/ CH9

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Tablet PC	N/A	MOMO09C	N/A	EUT
E-2	Earphone	N/A	ABD567	3490754	

Item	Shielded Type	Ferrite Core	Length	Note
C1	NO	NO	0.8M	

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	E4407B	160400005	Jul. 06. 2012
2	Test Receiver	R&S	ESPI	101318	Jul. 06. 2012
3	Bilog Antenna	TESEQ	CBL6111D	31216	Jul. 06. 2012
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	Jul. 06. 2012
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	Jul. 06. 2012
6	Horn Antenna	EM	EM-AH-10180	2011071402	Jul. 06. 2012
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	Jul. 06. 2012
8	Amplifier	EM	EM-30180	060538	Jul. 06. 2012
9	Loop Antenna	ARA	PLA-1030/B	1029	Jul. 06. 2012
10	Power Meter	R&S	NRVS	100696	Jul. 06. 2012

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Test Receiver	R&S	ESCI	101160	Jul. 06. 2012
2	LISN	R&S	ENV216	101313	Jul. 06. 2012
3	LISN	EMCO	3816/2	00042990	Jul. 06. 2012
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	Jul. 06. 2012
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	Jul. 06. 2012
6	Absorbing clamp	R&S	MOS-21	100423	Jul. 06. 2012

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

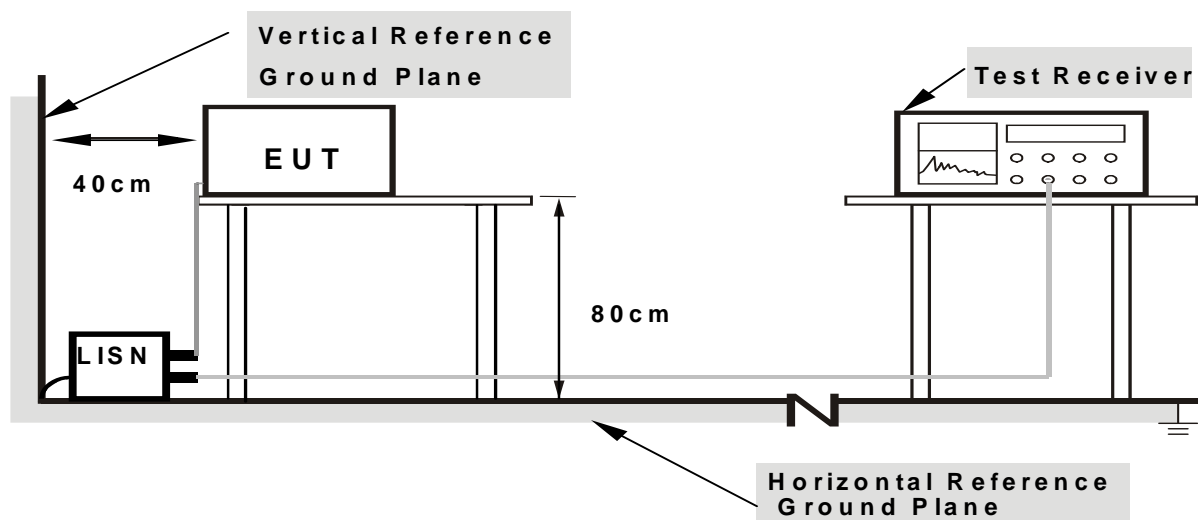
3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

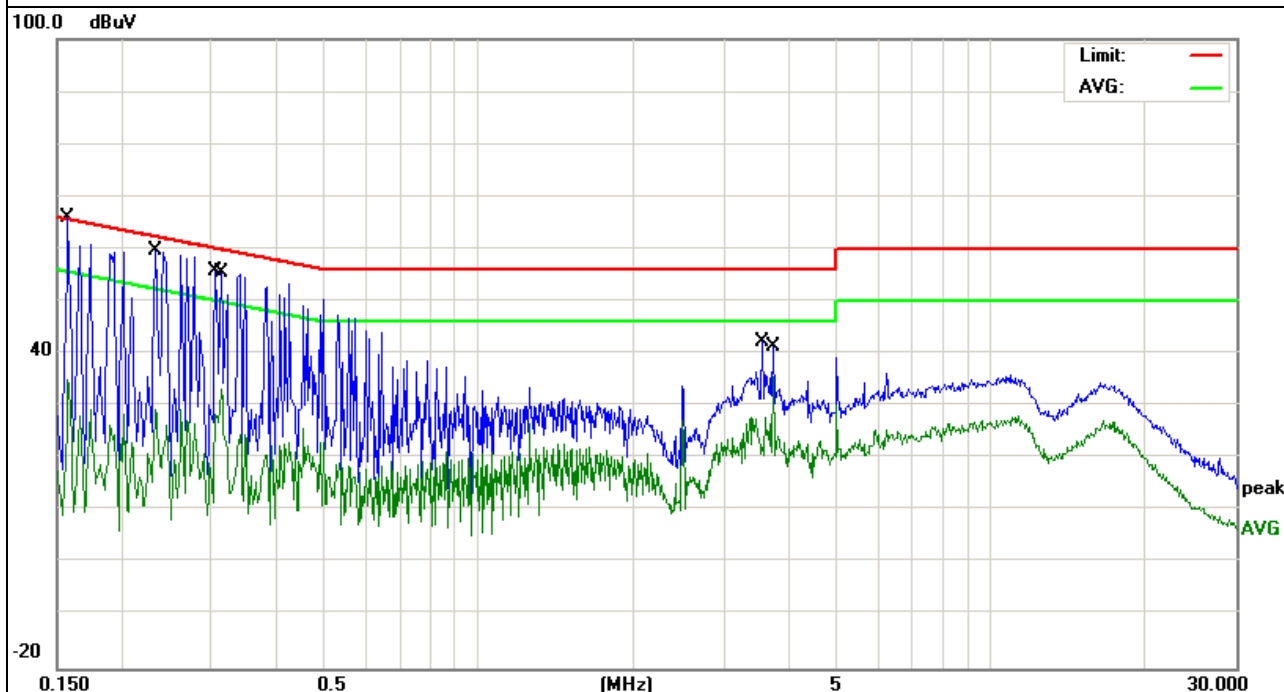
3.1.6 TEST RESULTS

EUT :	Tablet PC	Model Name. :	MOMO09C
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2011-11-17
Test Mode :	Charging	Phase :	L
Test Voltage :	DC 5V from adapter AC 120V/60Hz		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.158	50.91	10.56	61.47	65.56	-4.09	QP
0.158	26.16	10.56	36.72	55.56	-18.84	AVG
0.234	43.83	10.43	54.26	62.30	-8.04	QP
0.234	20.49	10.43	30.92	52.30	-21.38	AVG
0.306	43.97	10.42	54.39	60.08	-5.69	QP
0.314	25.53	10.42	35.95	49.86	-13.91	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. '*' means the worst case
4. N/A means All Data have pass Limit

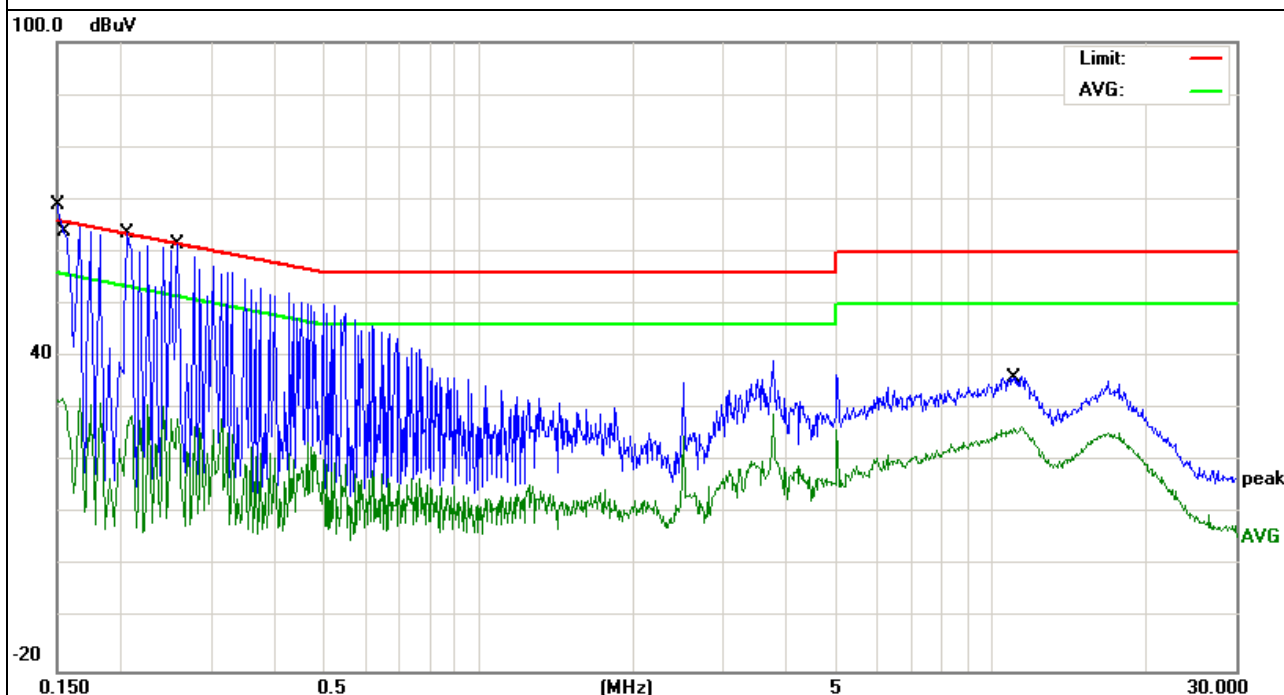


EUT :	Tablet PC	Model Name. :	MOMO09C
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2011-11-17
Test Mode :	Charging	Phase :	N
Test Voltage :	DC 5V from adapter AC 120V/60Hz		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.150	47.94	11.64	59.58	65.99	-6.41	QP
0.150	16.64	11.64	28.28	55.99	-27.71	AVG
0.157	47.95	10.83	58.78	65.63	-6.85	QP
0.157	13.79	10.83	24.62	55.63	-31.01	AVG
0.206	41.51	10.44	51.95	63.36	-11.41	QP
0.206	13.32	10.44	23.76	53.36	-29.60	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. '*' means the worst case
4. N/A means All Data have pass Limit



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class A (dBuV/m) (at 3M)		Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

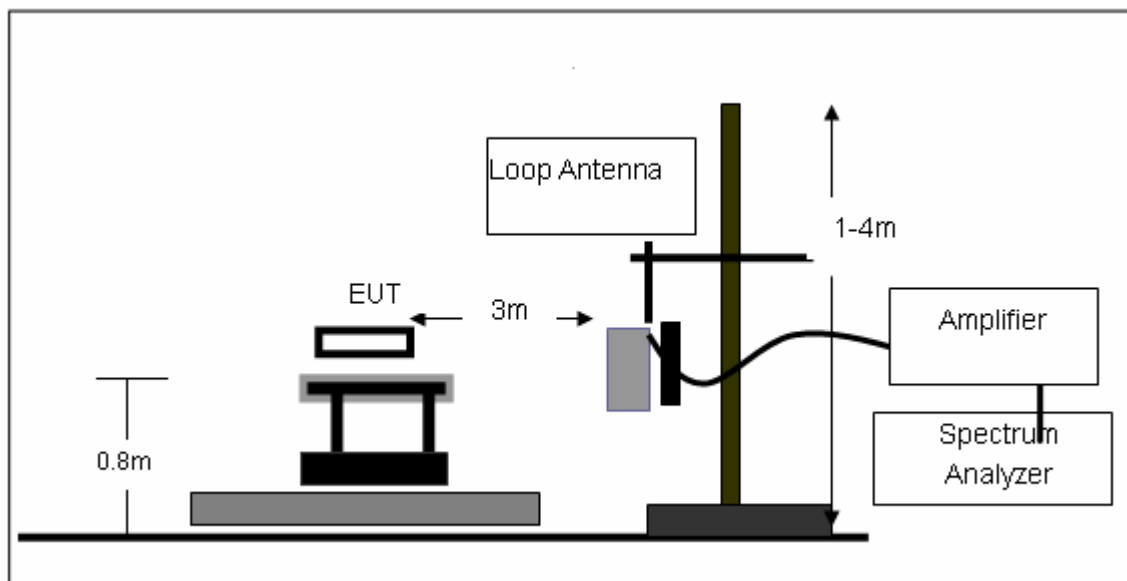
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

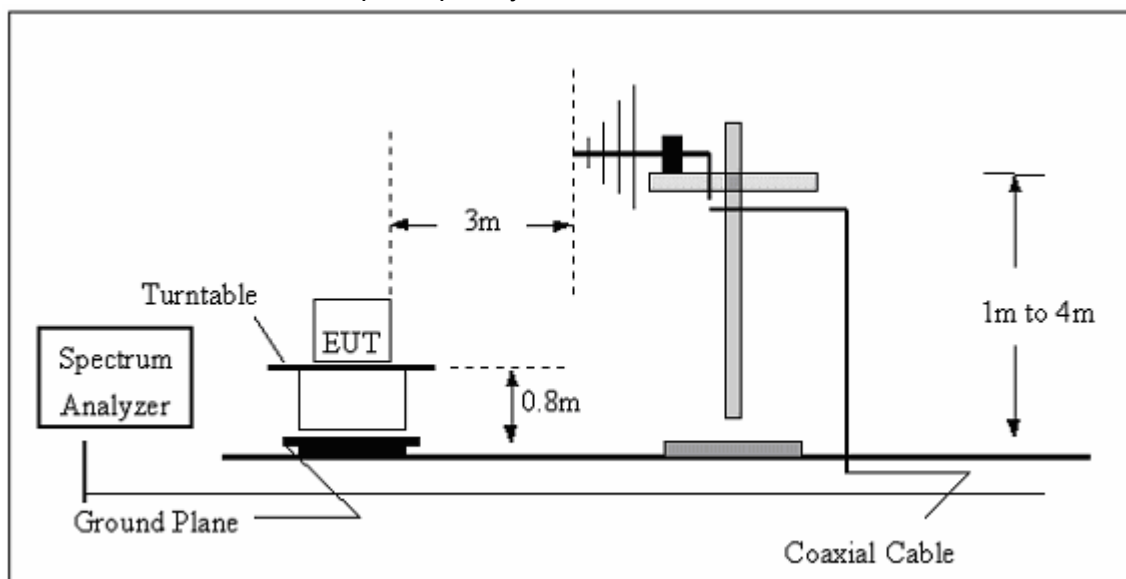
No deviation

3.2.4 TEST SETUP

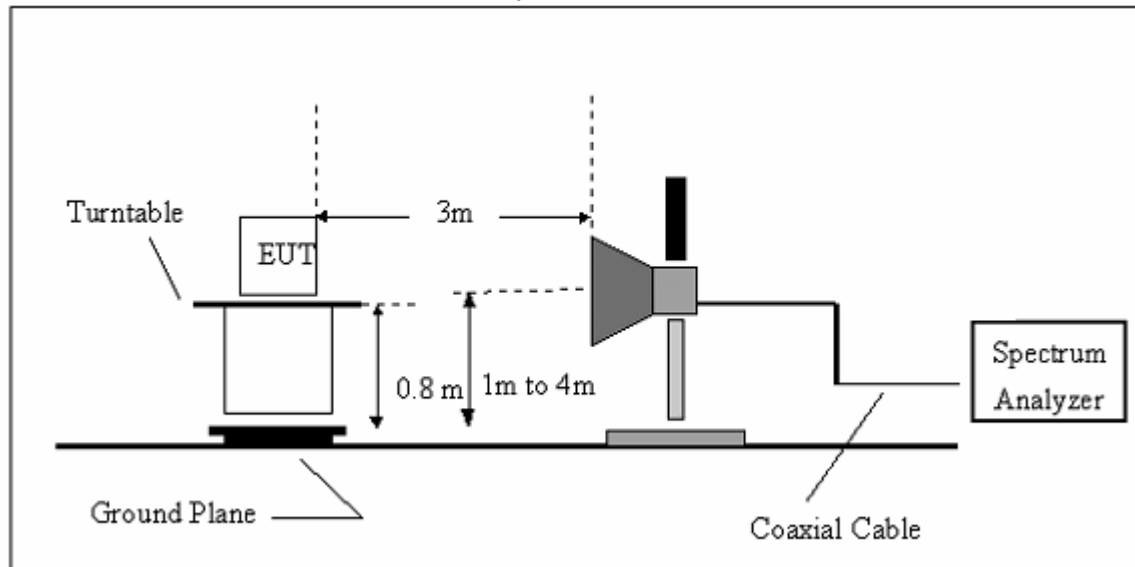
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)

EUT :	Tablet PC	Model Name. :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	TX	Polarization :	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $20 \log (\text{specific distance/test distance})(\text{dB})$;

Limit line = specific limits(dBuv) + distance extrapolation factor.

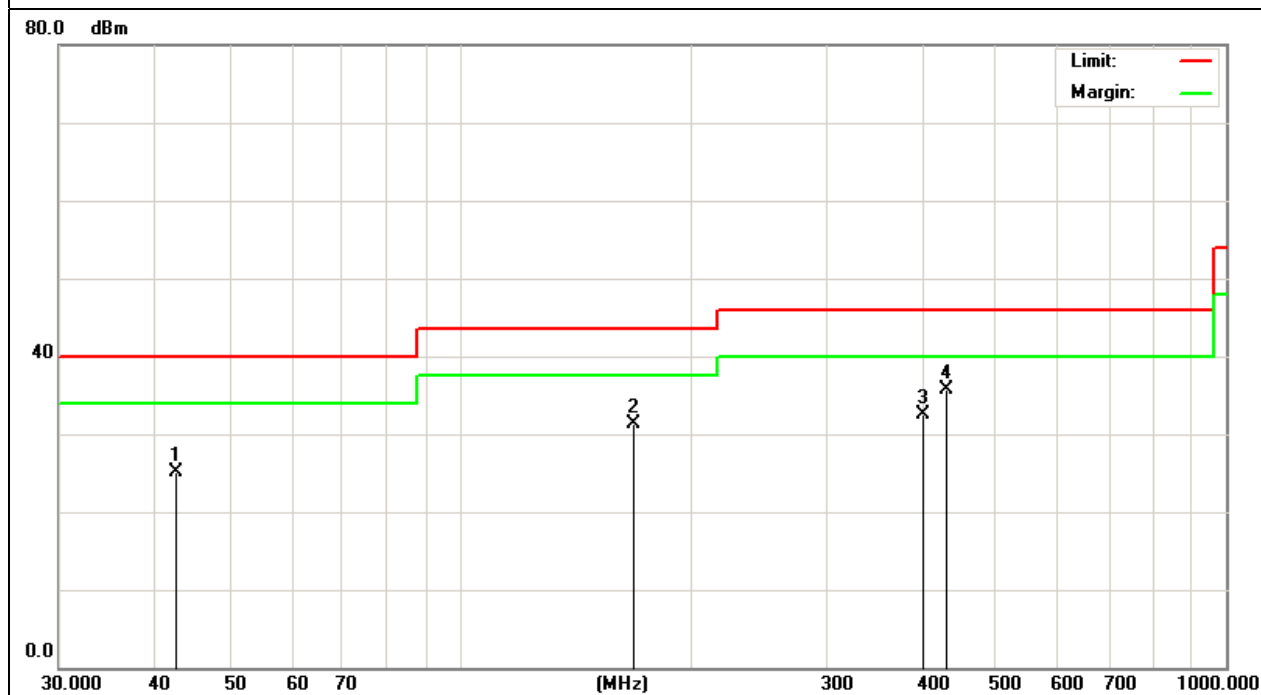
3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
42.31	13.12	12.05	25.17	40	-14.83	Quasi-Peak
168.32	21.09	10.16	31.25	43.5	-12.25	Quasi-Peak
400.32	15.33	17.21	32.54	46	-13.46	Quasi-Peak
428.09	17.98	17.75	35.73	46	-10.27	Quasi-Peak

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

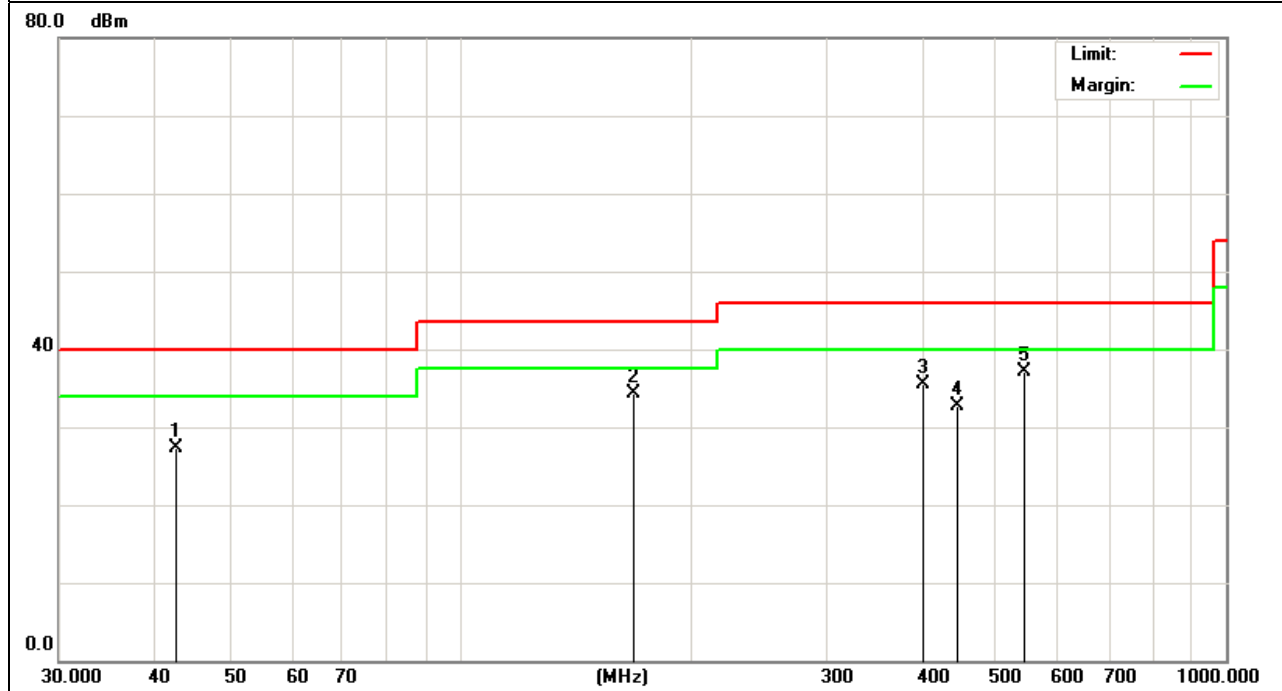


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
42.31	15.34	12.05	27.39	40	-12.61	Quasi-Peak
168.32	24.22	10.16	34.38	43.5	-9.12	Quasi-Peak
400.32	18.21	17.21	35.42	46	-10.58	Quasi-Peak
445.56	14.63	18.1	32.73	46	-13.27	Quasi-Peak
543.76	13.55	23.47	37.02	46	-8.98	Quasi-Peak

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.



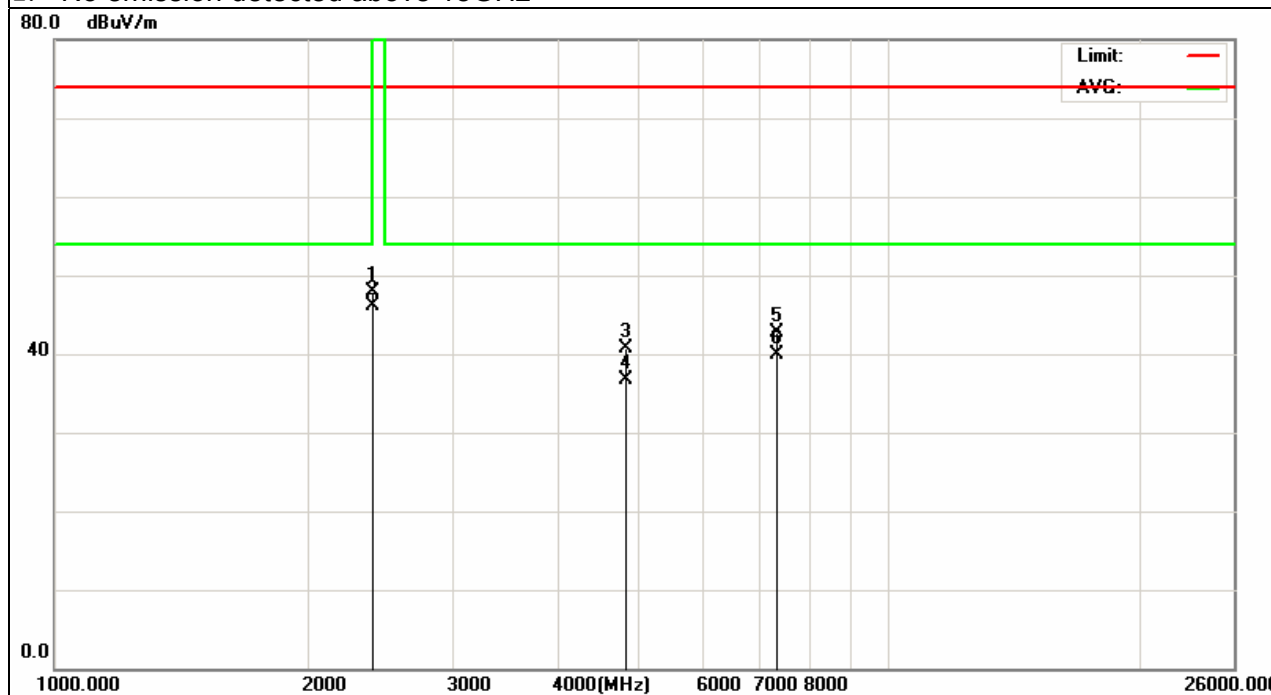
3.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	15.21	32.65	47.86	74.00	-26.14	peak
2400.00	13.44	32.65	46.09	54.00	-7.91	AVG
4824.00	-3.44	44.04	40.60	74.00	-33.40	peak
4824.00	-7.44	44.04	36.60	54.00	-17.40	AVG
7326.00	-5.32	48.03	42.71	74.00	-31.29	peak
7326.00	-8.13	48.03	39.90	54.00	-14.10	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

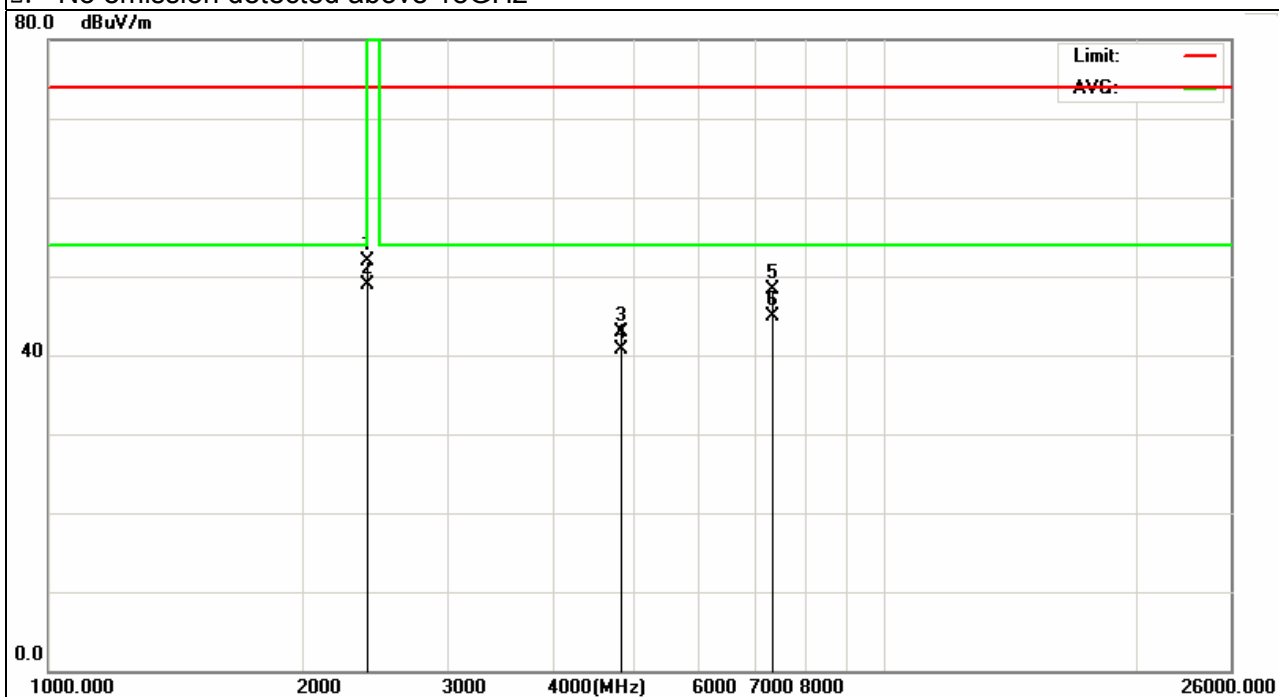


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2400.00	19.31	32.65	51.96	74.00	-22.04	peak
2400.00	16.21	32.65	48.86	54.00	-5.14	AVG
4824.00	-1.21	44.04	42.83	74.00	-31.17	peak
4824.00	-3.41	44.04	40.63	54.00	-13.37	AVG
7236.00	0.21	48.03	48.24	74.00	-25.76	peak
7236.00	-3.21	48.03	44.91	54.00	-9.09	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

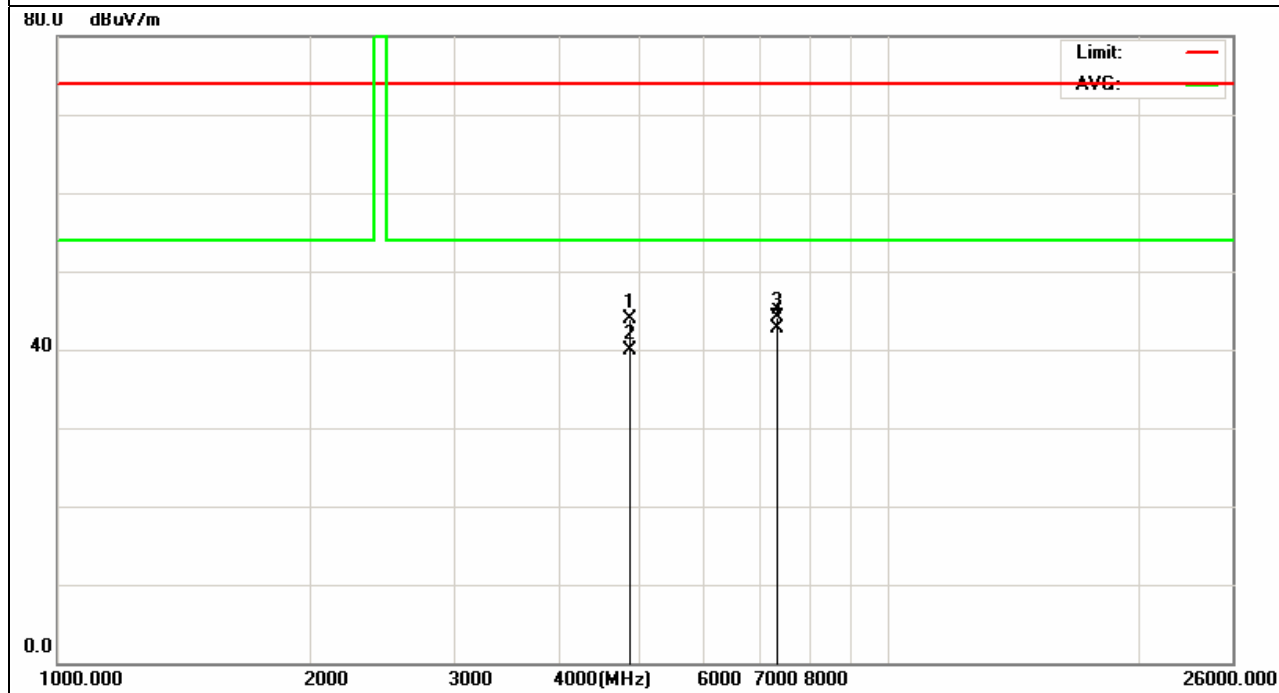


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.00	-0.13	44.07	43.94	74.00	-30.06	peak
4874.00	-4.25	44.07	39.82	54.00	-14.18	AVG
7311.00	-3.87	47.97	44.10	74.00	-29.90	peak
7311.00	-5.22	47.97	42.75	54.00	-11.25	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

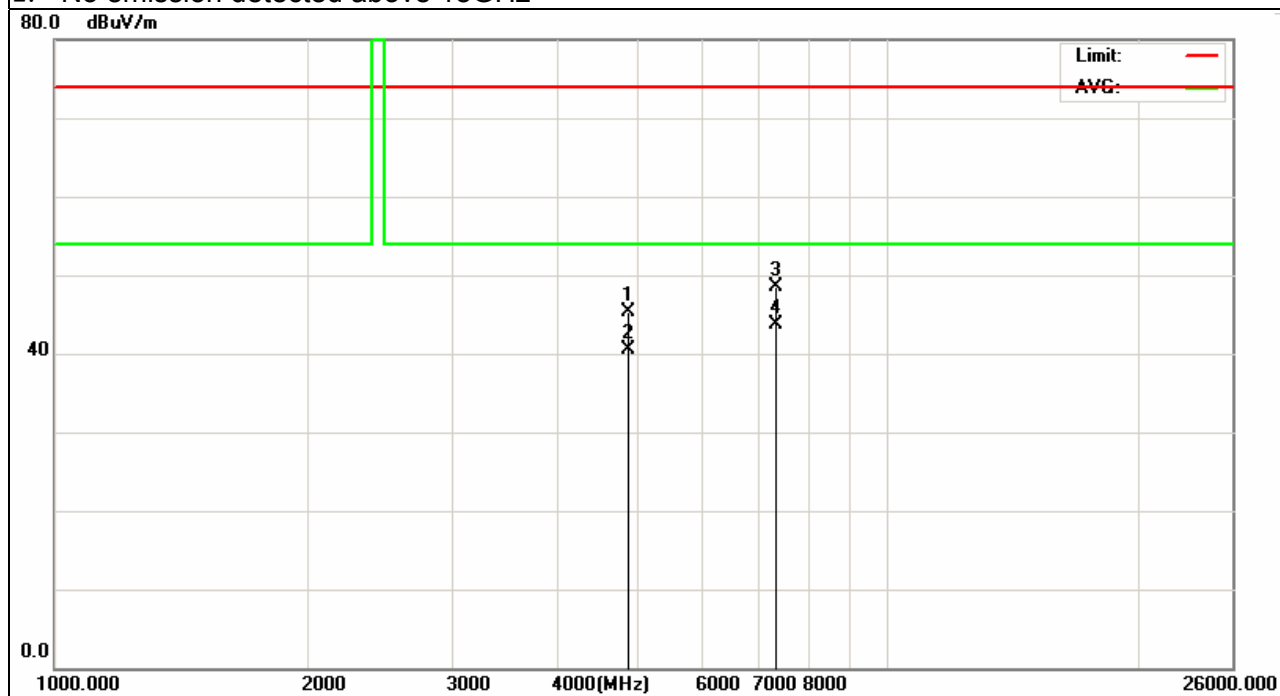


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 (802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.00	1.32	44.07	45.39	74.00	-28.61	peak
4874.00	-3.54	44.07	40.53	54.00	-13.47	AVG
7311.00	0.54	47.97	48.51	74.00	-25.49	peak
7311.00	-4.31	47.97	43.66	54.00	-10.34	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz



EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	18.24	33.27	51.51	74.00	-22.49	peak
2483.5	14.33	33.27	47.60	54.00	-6.40	AVG
4924.00	1.31	44.10	45.41	74.00	-25.89	peak
4924.00	-5.31	44.10	38.79	54.00	-15.21	AVG
7386.00	-4.32	48.31	43.99	74.00	-30.01	peak
7386.00	-7.76	48.31	40.55	54.00	-13.45	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

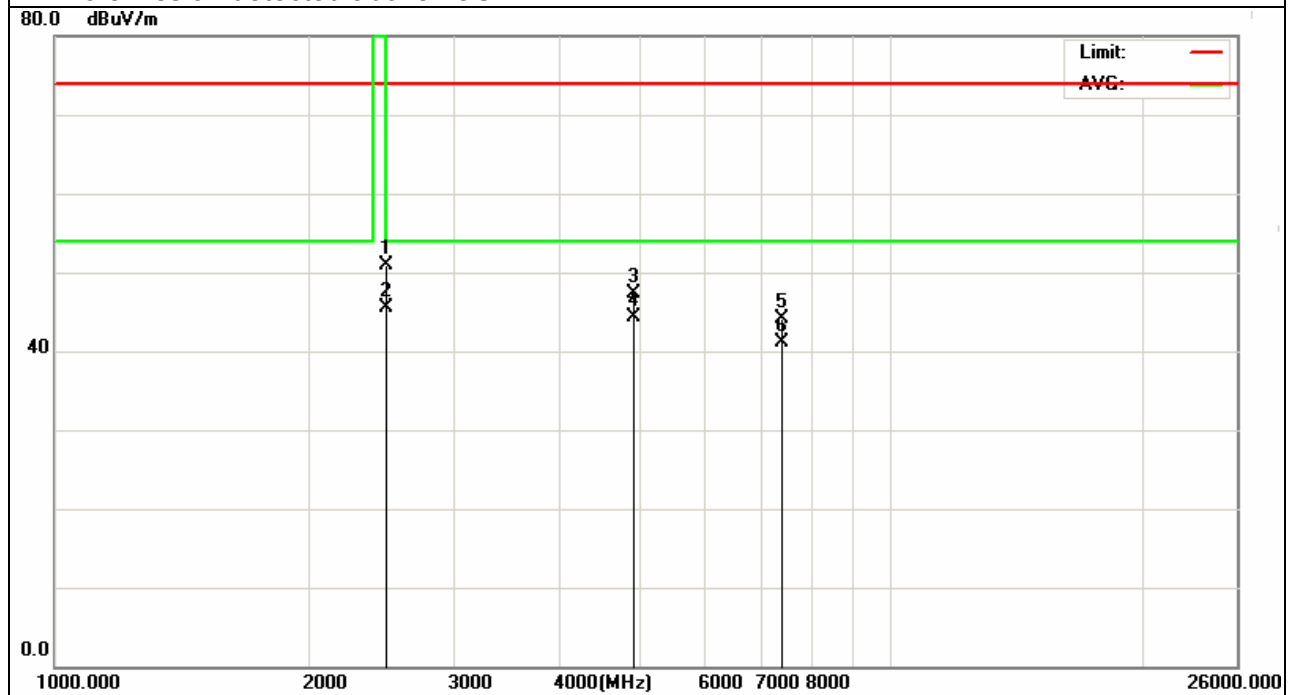


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	52.11	4.36	56.47	74.00	-17.53	peak
2483.5	43.98	4.36	48.34	54.00	-5.66	AVG
4924.00	44.77	12.24	57.01	74.00	-16.99	peak
4924.00	35.51	12.24	47.75	54.00	-6.25	AVG
7386.00	35.58	18.50	54.08	74.00	-19.92	peak
7386.00	27.23	18.50	45.73	54.00	-8.27	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

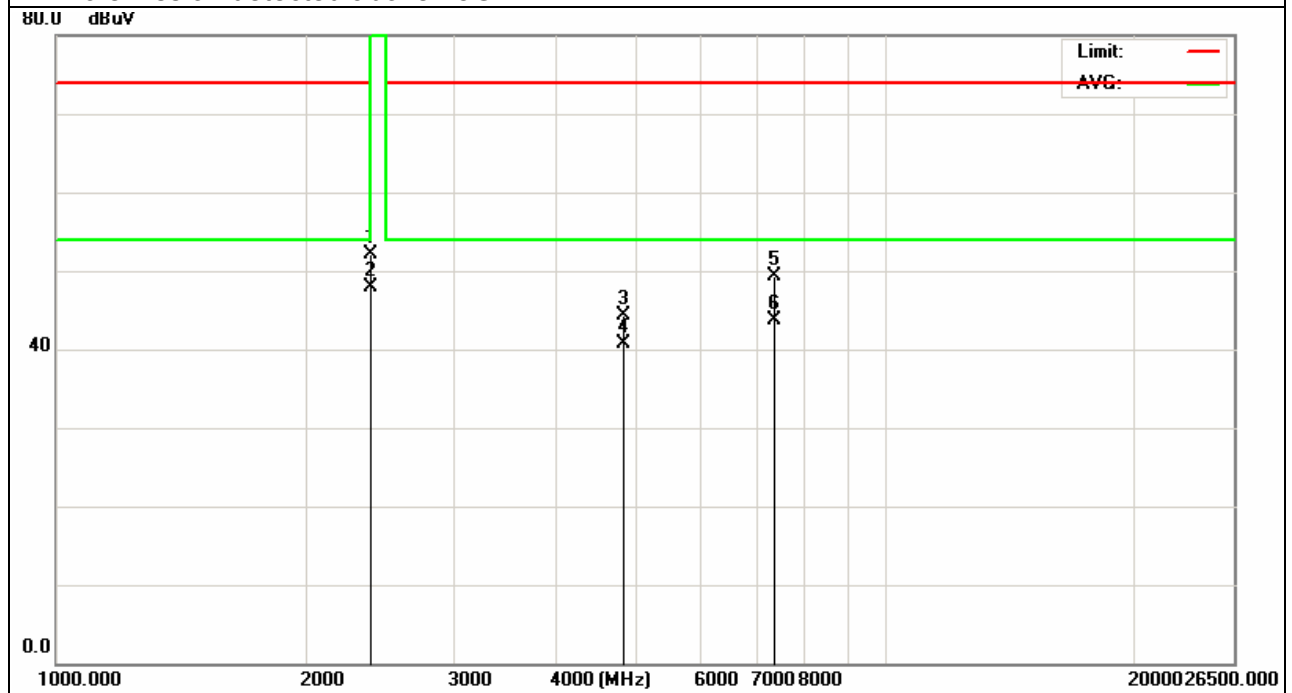


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2400.00	19.50	32.65	52.15	74.00	-21.85	peak
2400.00	15.23	32.65	47.88	54.00	-6.12	AVG
4824.00	0.23	44.04	44.27	74.00	-29.73	peak
4824.00	-3.43	44.04	40.61	54.00	-13.39	AVG
7236.00	1.21	48.03	49.24	74.00	-24.76	peak
7236.00	-4.23	48.03	43.80	54.00	-10.20	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

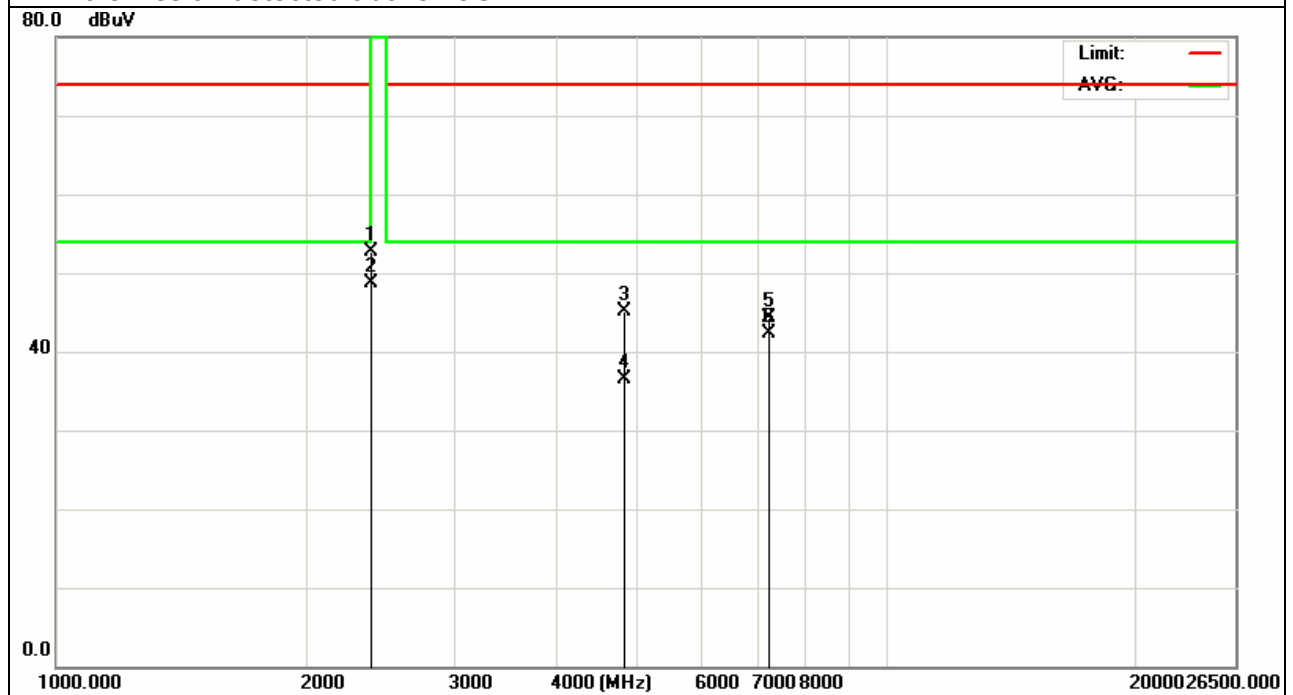


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2400.00	20.09	32.65	52.74	74.00	-21.26	peak
2400.00	15.98	32.65	48.63	54.00	-5.37	AVG
4824.00	1.11	44.04	45.15	74.00	-28.85	peak
4824.00	-7.45	44.04	36.59	54.00	-17.41	AVG
7236.00	-3.33	47.63	44.30	74.00	-29.70	peak
7236.00	-5.43	47.63	42.20	54.00	-11.80	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

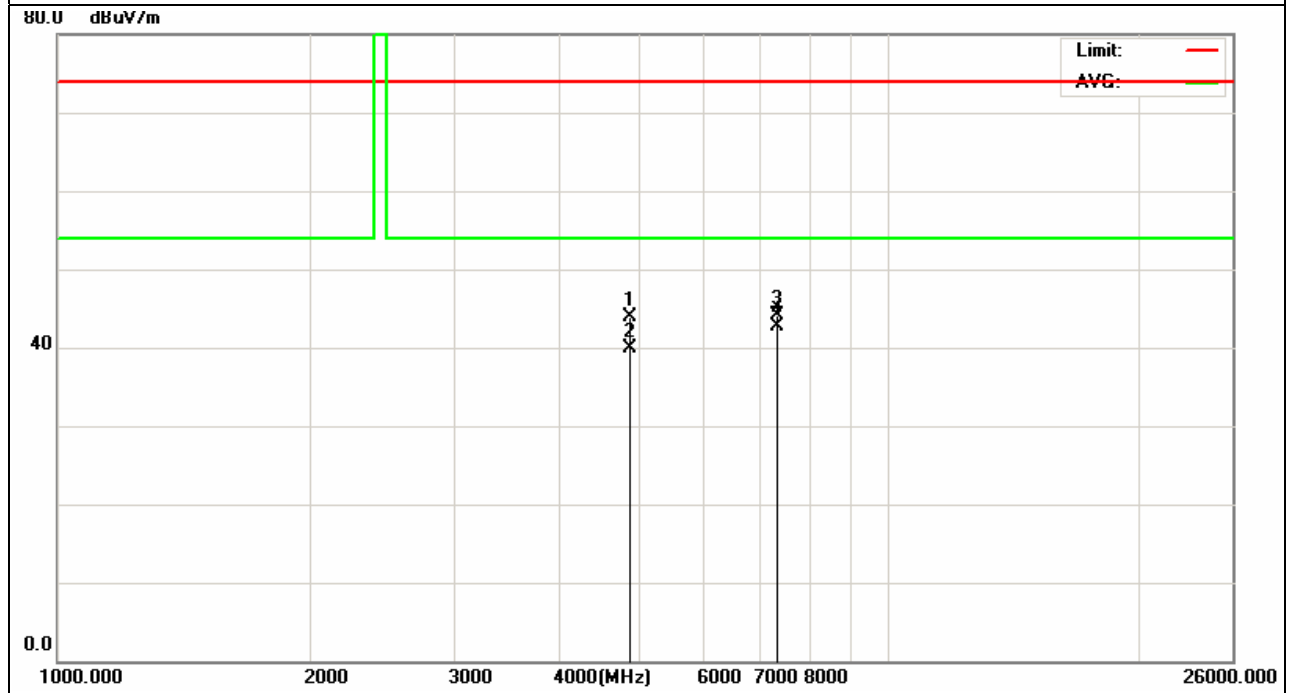


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.00	-0.13	44.07	43.94	74.00	-30.06	peak
4874.00	-4.25	44.07	39.82	54.00	-14.18	AVG
7311.00	-3.87	47.97	44.10	74.00	-29.90	peak
7311.00	-5.22	47.97	42.75	54.00	-11.25	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

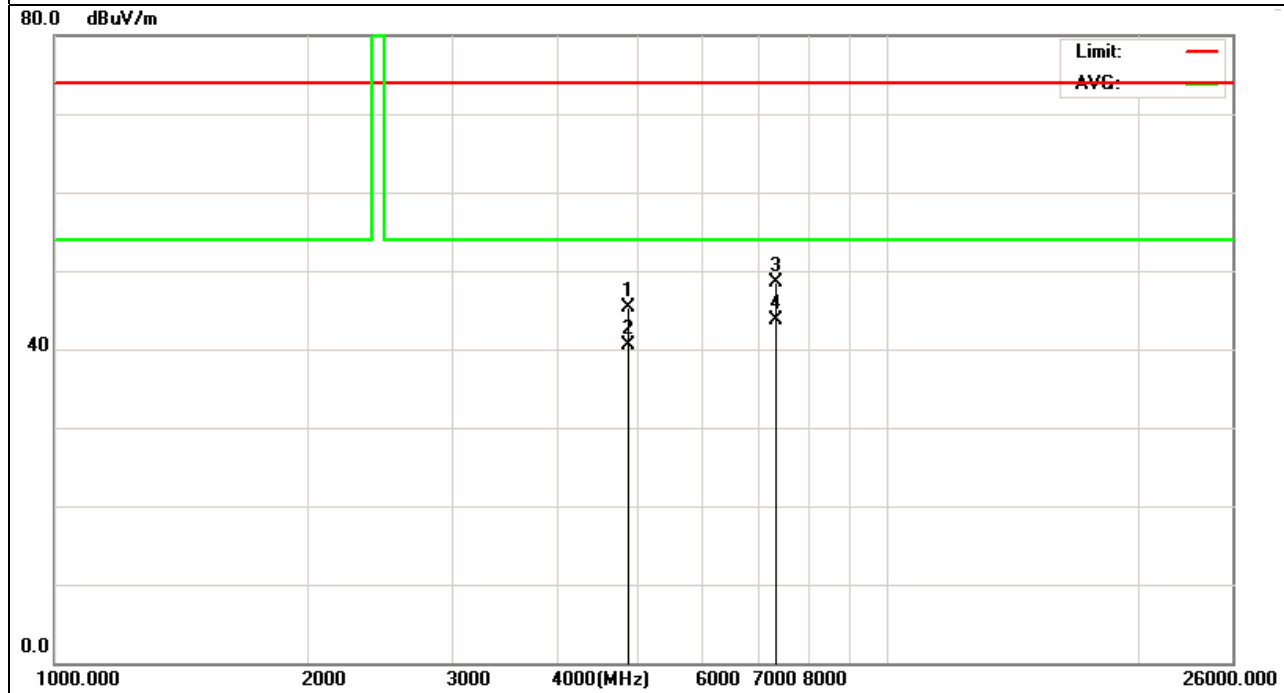


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.00	1.32	44.07	45.39	74.00	-28.61	peak
4874.00	-3.54	44.07	40.53	54.00	-13.47	AVG
7311.00	0.54	47.97	48.51	74.00	-25.49	peak
7311.00	-4.31	47.97	43.66	54.00	-10.34	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

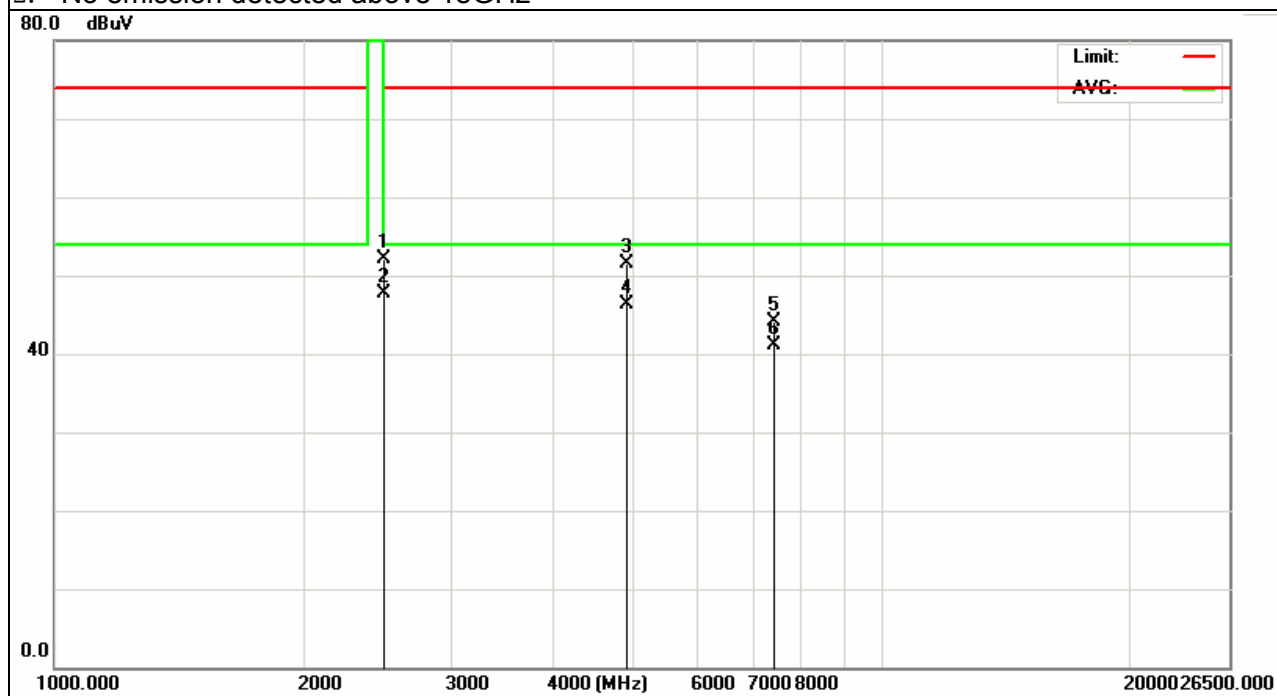


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	18.76	33.27	52.03	74.00	-21.97	peak
2483.5	14.43	33.27	47.70	54.00	-6.30	AVG
4924.00	7.43	44.10	51.53	74.00	-22.47	peak
4924.00	2.12	44.10	46.22	54.00	-7.78	AVG
7386.00	-4.15	48.31	44.16	74.00	-29.84	peak
7386.00	28.56	48.31	41.09	54.00	-12.91	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz

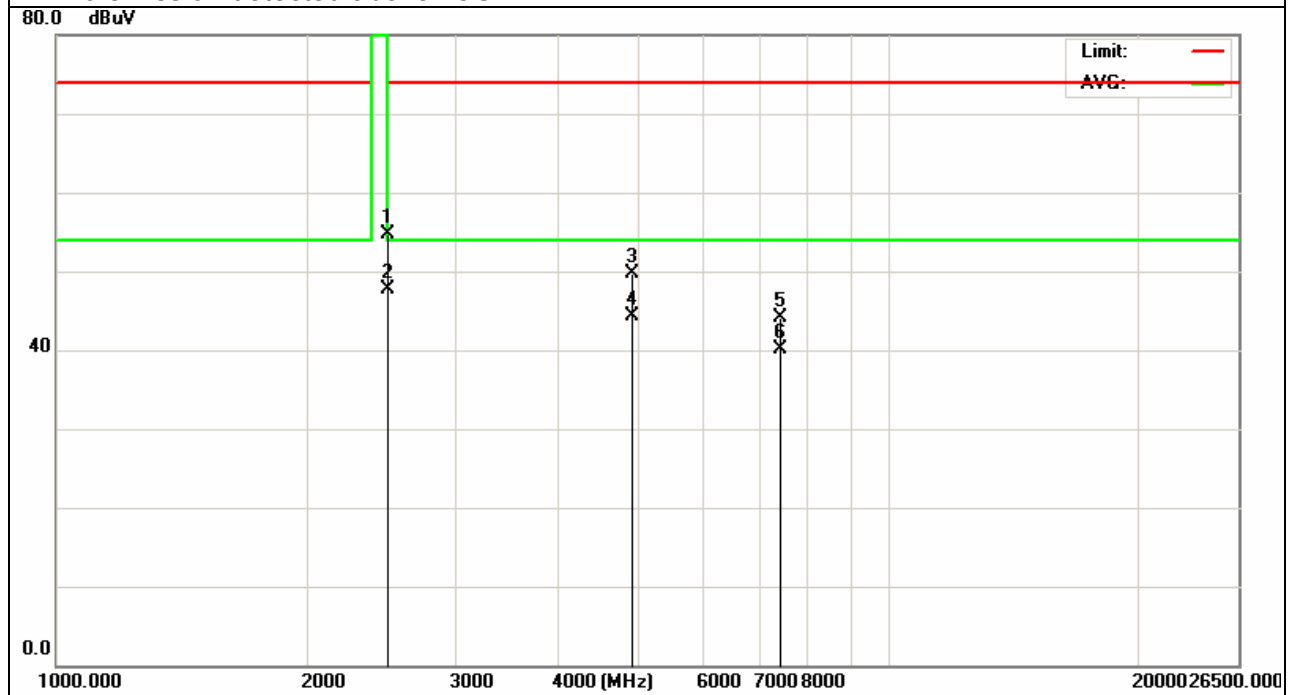


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.50	21.43	33.27	54.70	74.00	-19.30	peak
2483.50	14.34	33.27	47.61	54.00	-6.39	AVG
4924.00	5.67	44.10	49.77	74.00	-24.23	peak
4924.00	0.12	44.10	44.22	54.00	-9.78	AVG
7386.00	-4.21	48.31	44.10	74.00	-29.90	peak
7386.00	-8.13	48.31	40.18	54.00	-13.82	AVG

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- No emission detected above 18GHz



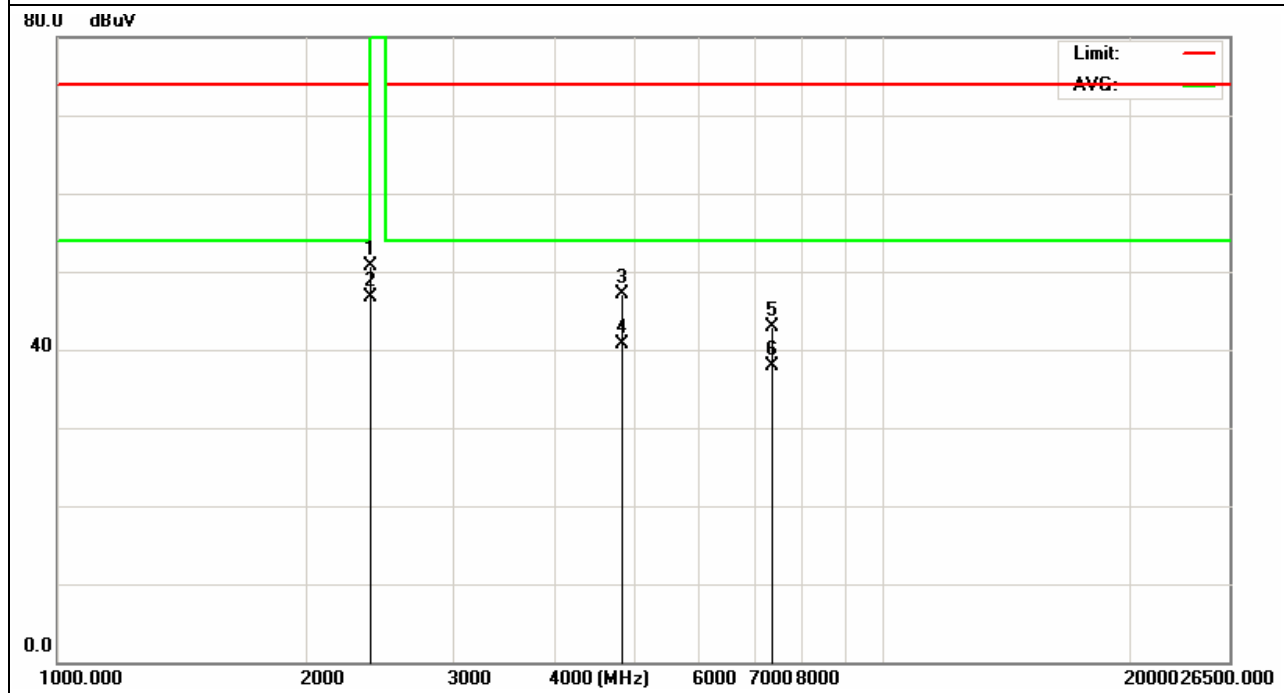
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 802.11n(20M)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	18.12	32.65	50.77	74.00	-23.23	peak
2400.00	14.12	32.65	46.77	54.00	-7.23	AVG
4824.00	3.13	44.04	47.17	74.00	-26.83	peak
4824.00	-3.33	44.04	40.71	54.00	-13.29	AVG
7236.00	-5.14	48.03	42.89	74.00	-31.11	peak
7236.00	-10.22	48.03	37.81	54.00	-16.19	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

4. No emission detected above 18GHz



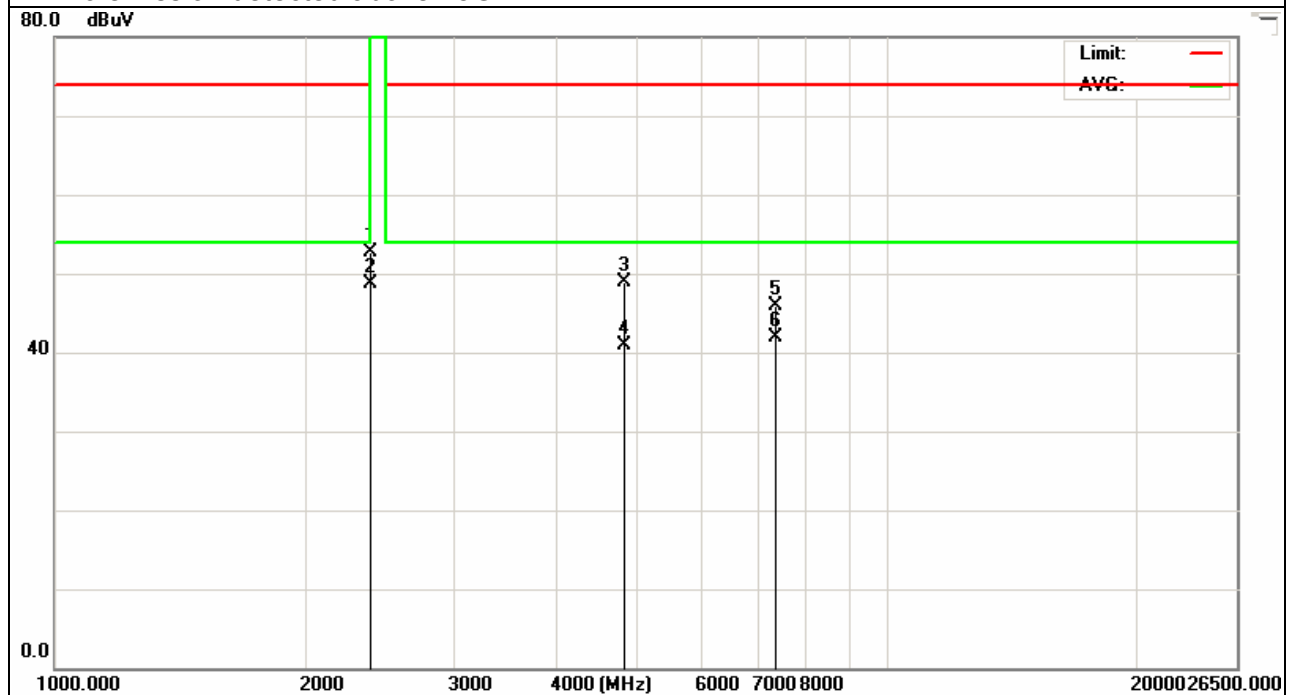
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH1 802.11n(20M)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	19.99	32.65	52.64	74.00	-21.36	peak
2400.00	15.98	32.65	48.63	54.00	-5.37	AVG
4824.00	4.96	44.04	49.00	74.00	-25.00	peak
4824.00	-3.10	44.04	40.90	54.00	-13.06	AVG
7236.00	-2.13	48.03	45.90	74.00	-28.10	peak
7236.00	-6.18	48.03	41.85	54.00	-12.15	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

4. No emission detected above 18GHz



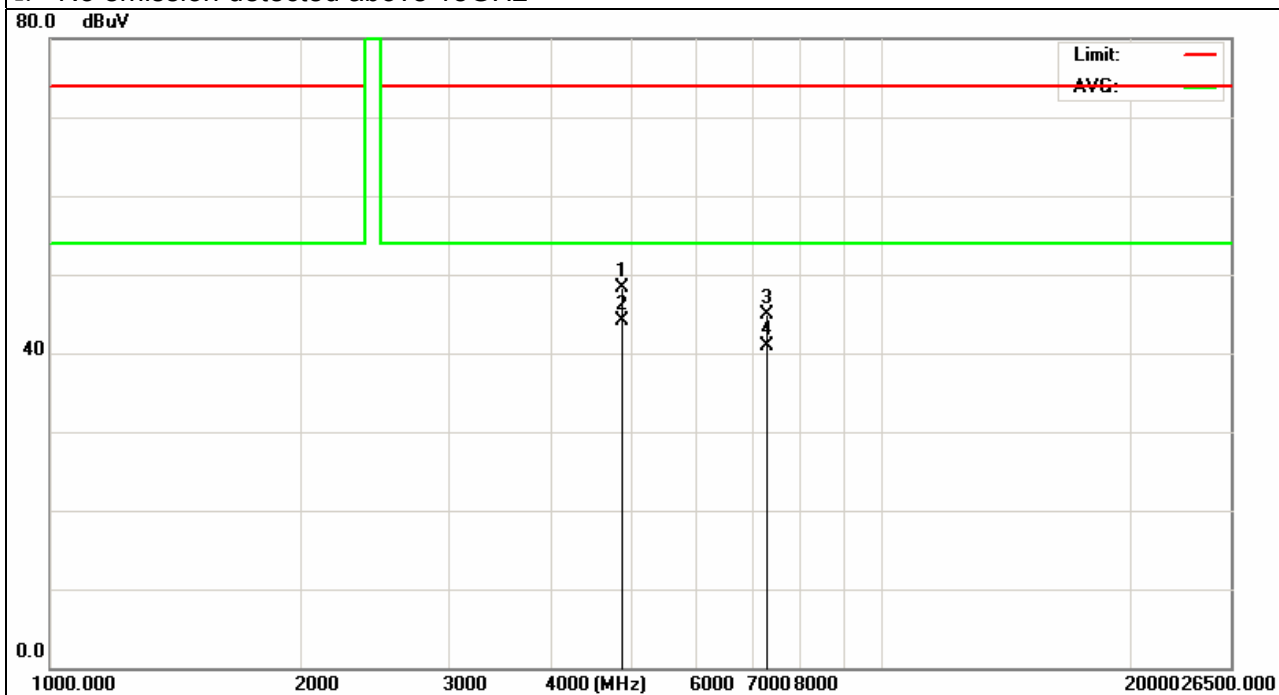
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 802.11n(20M)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.00	4.24	44.07	48.07	74.00	-25.70	peak
4874.00	0.05	44.07	44.12	54.00	-9.88	AVG
7311.00	-3.11	47.97	44.86	74.00	-29.14	peak
7311.00	-7.11	47.97	40.86	54.00	-13.14	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

4. No emission detected above 18GHz

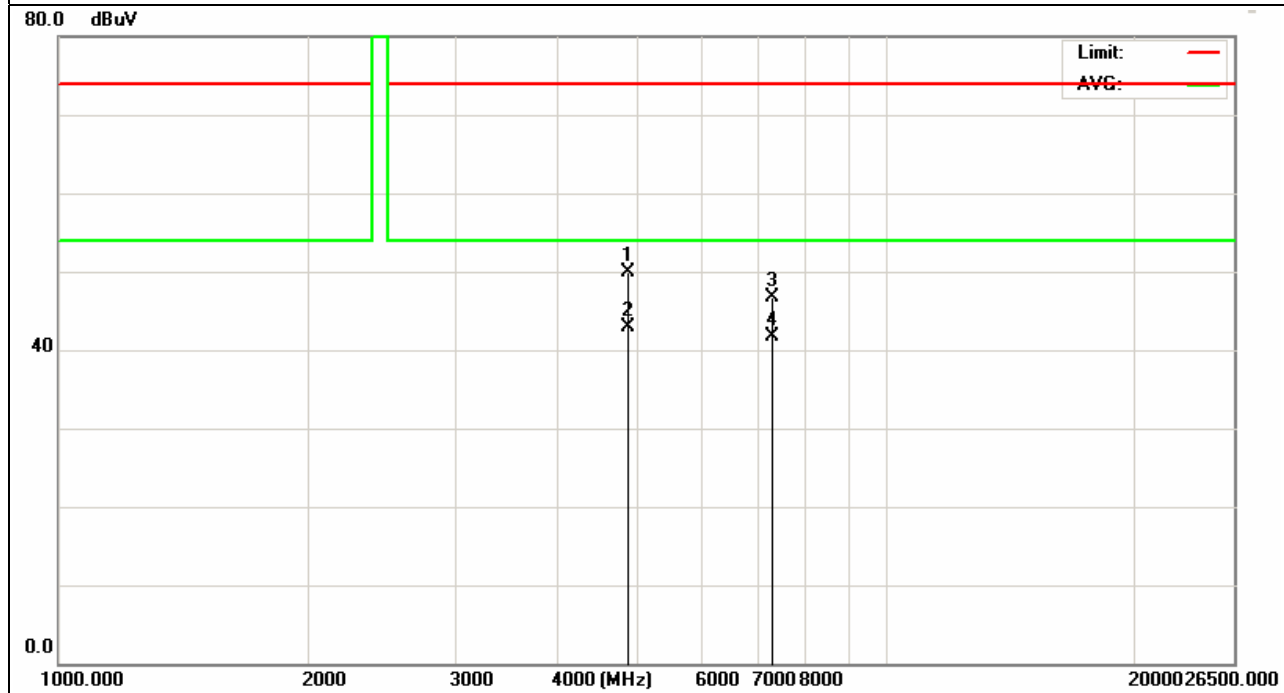


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 802.11n(20M)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.00	5.89	44.07	49.96	74.00	-24.04	peak
4874.00	-1.11	44.07	42.96	54.00	-11.04	AVG
7311.00	-1.21	47.97	46.76	74.00	-27.24	peak
7311.00	-6.34	47.97	41.63	54.00	-12.37	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
4. No emission detected above 18GHz



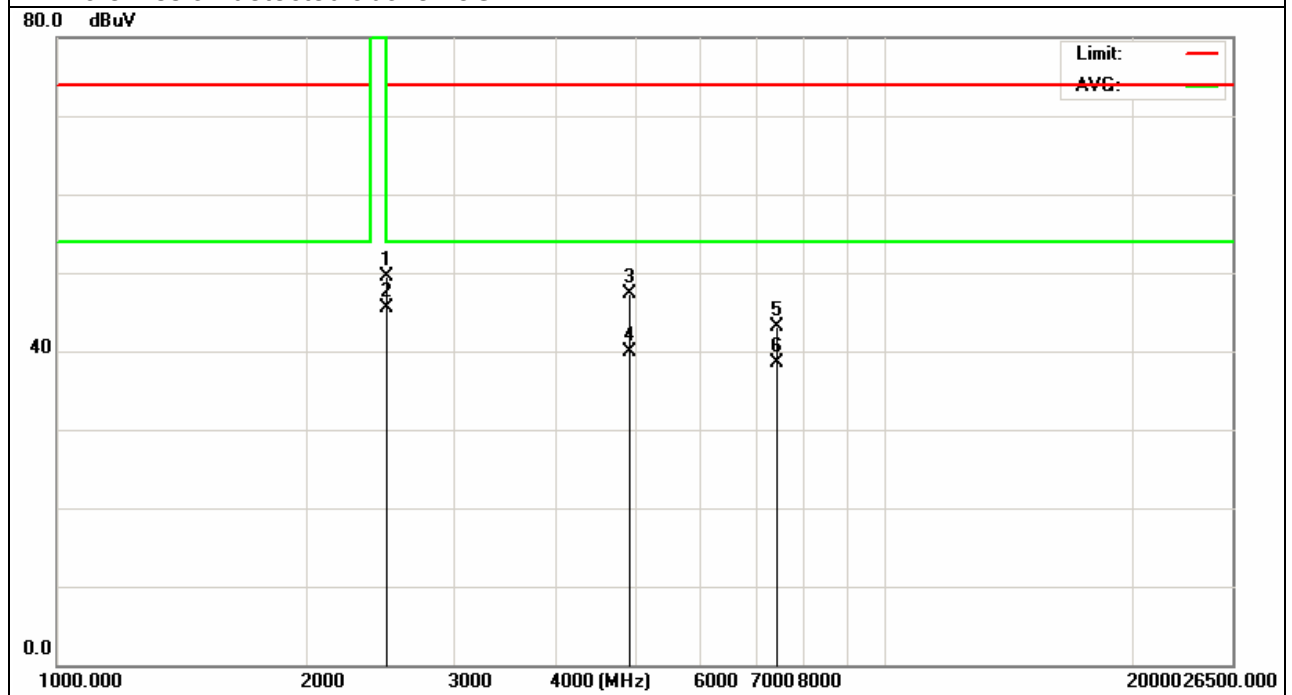
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11 802.11n(20M)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	16.31	33.27	49.58	74.00	-24.42	peak
2483.5	12.31	33.27	45.58	54.00	-8.42	AVG
4924.00	3.12	44.10	47.22	74.00	-26.78	peak
4924.00	-4.19	44.10	39.91	54.00	-14.09	AVG
7386.00	-5.12	48.31	43.19	74.00	-30.81	peak
7386.00	-9.77	48.31	38.54	54.00	-15.46	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

4. No emission detected above 18GHz



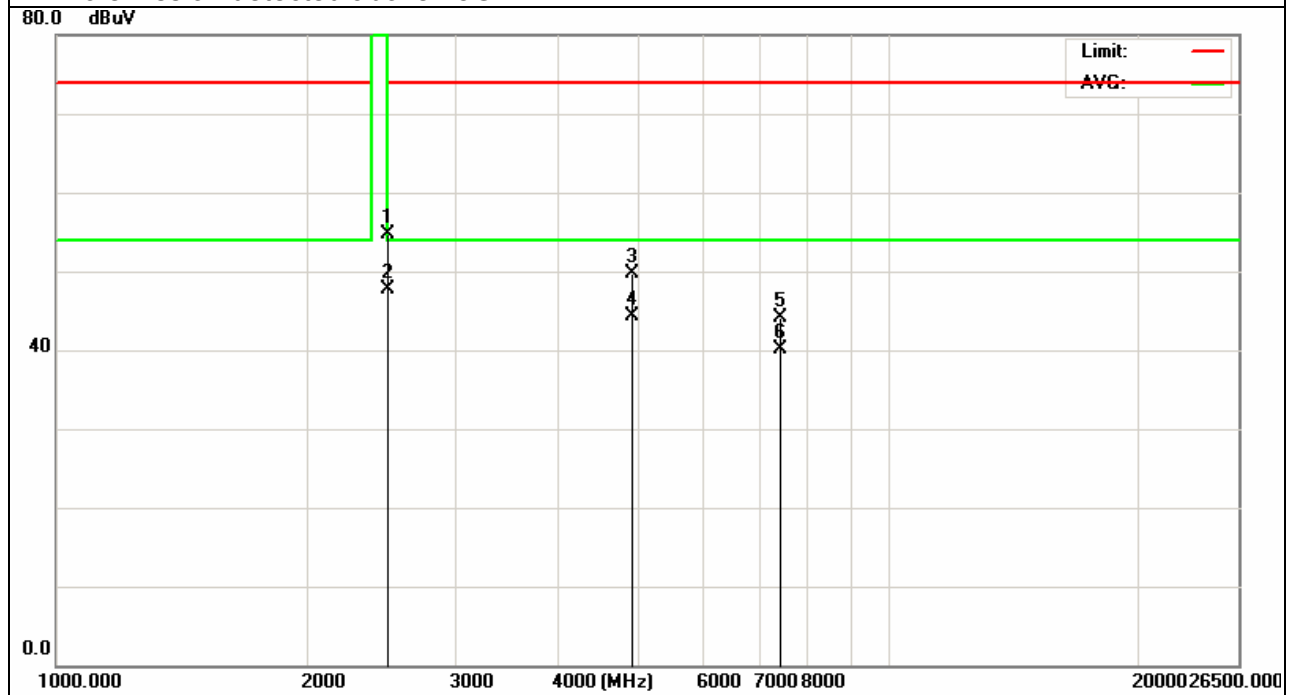
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH11 802.11n(20M)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.50	21.43	33.27	54.70	74.00	-19.30	peak
2483.50	14.34	33.27	47.61	54.00	-6.39	AVG
4924.00	5.67	44.10	49.77	74.00	-24.23	peak
4924.00	0.12	44.10	44.22	54.00	-9.78	AVG
7386.00	-4.21	48.31	44.10	74.00	-29.90	peak
7386.00	-8.13	48.31	40.18	54.00	-13.82	AVG

Remark:

3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

4. No emission detected above 18GHz



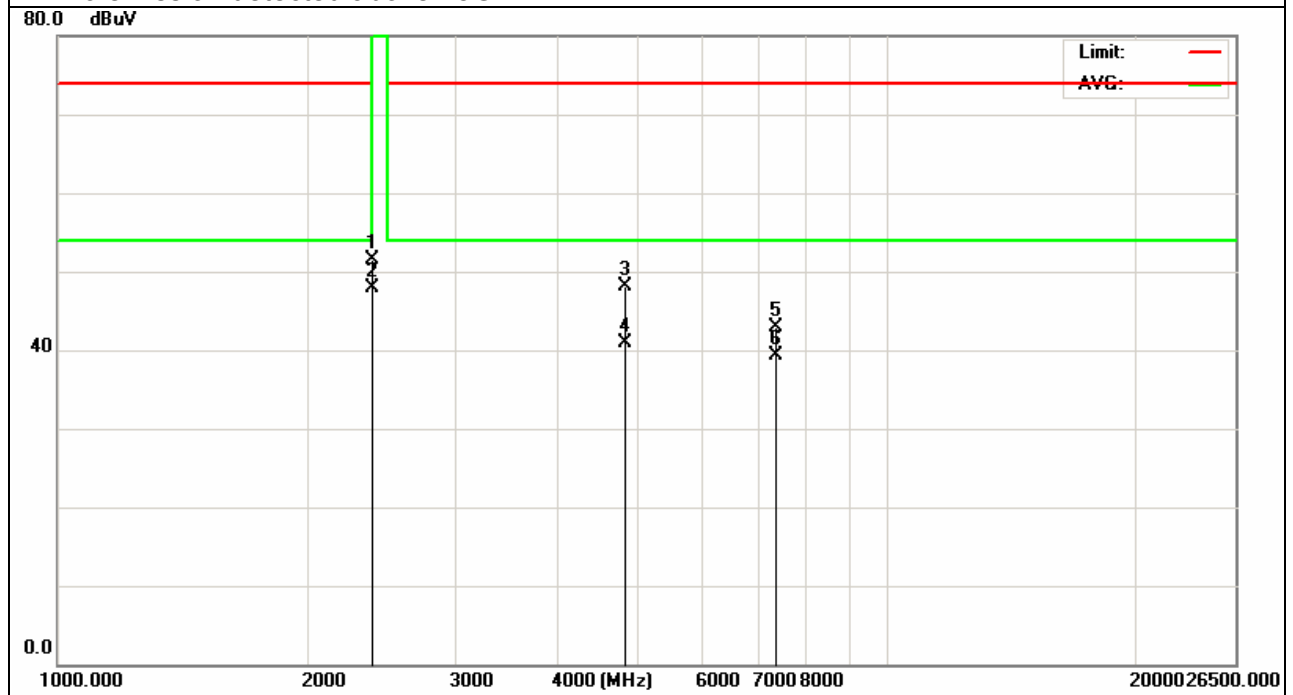
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH3 802.11n(40M)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	18.87	32.65	51.52	74.00	-22.48	peak
2400.00	15.21	32.65	47.86	54.00	-6.14	AVG
4844.00	4.11	44.04	48.15	74.00	-25.85	peak
4844.00	-3.22	44.04	40.82	54.00	-13.18	AVG
7266.00	-5.13	48.03	42.90	74.00	-31.10	peak
7266.00	-8.77	48.03	39.26	54.00	-14.74	AVG

Remark:

5. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. No emission detected above 18GHz



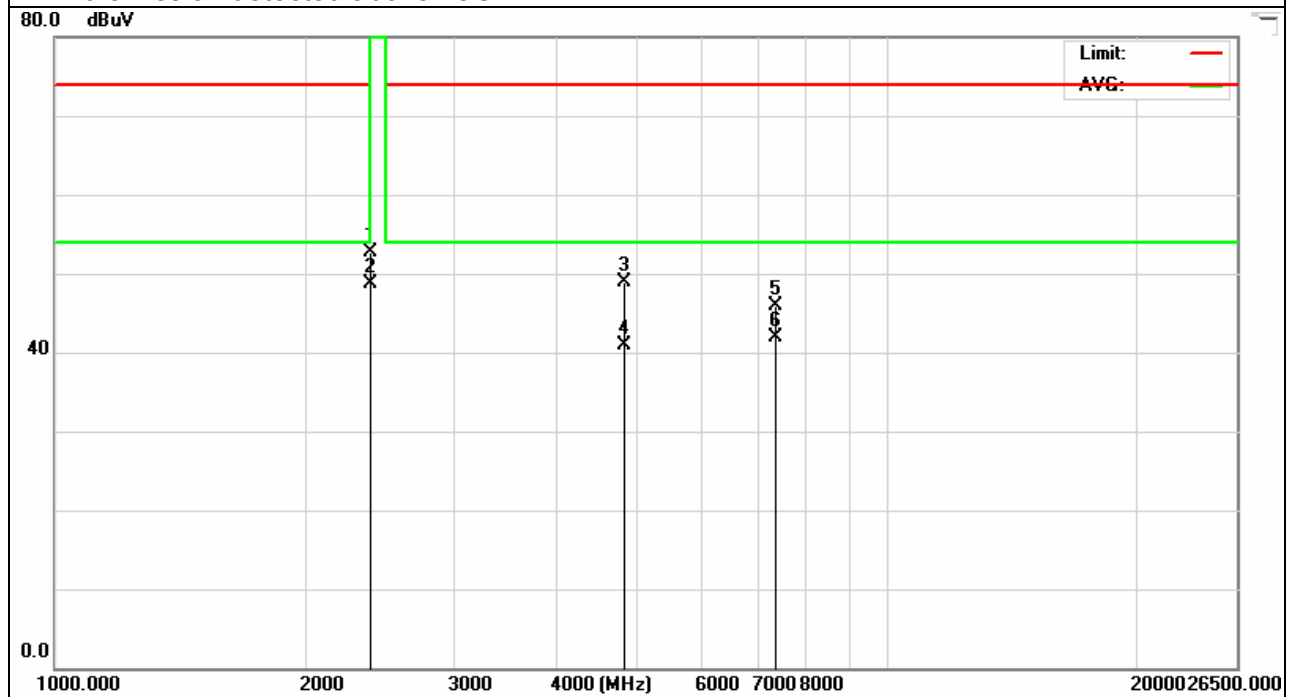
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH3 802.11n(40M)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	19.99	32.65	52.64	74.00	-21.36	peak
2400.00	15.98	32.65	48.63	54.00	-5.37	AVG
4844.00	4.96	44.04	49.00	74.00	-25.00	peak
4844.00	-3.10	44.04	40.90	54.00	-13.06	AVG
7266.00	-5.13	48.03	42.90	74.00	-31.10	peak
7266.00	-6.18	48.03	41.85	54.00	-12.15	AVG

Remark:

5. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. No emission detected above 18GHz



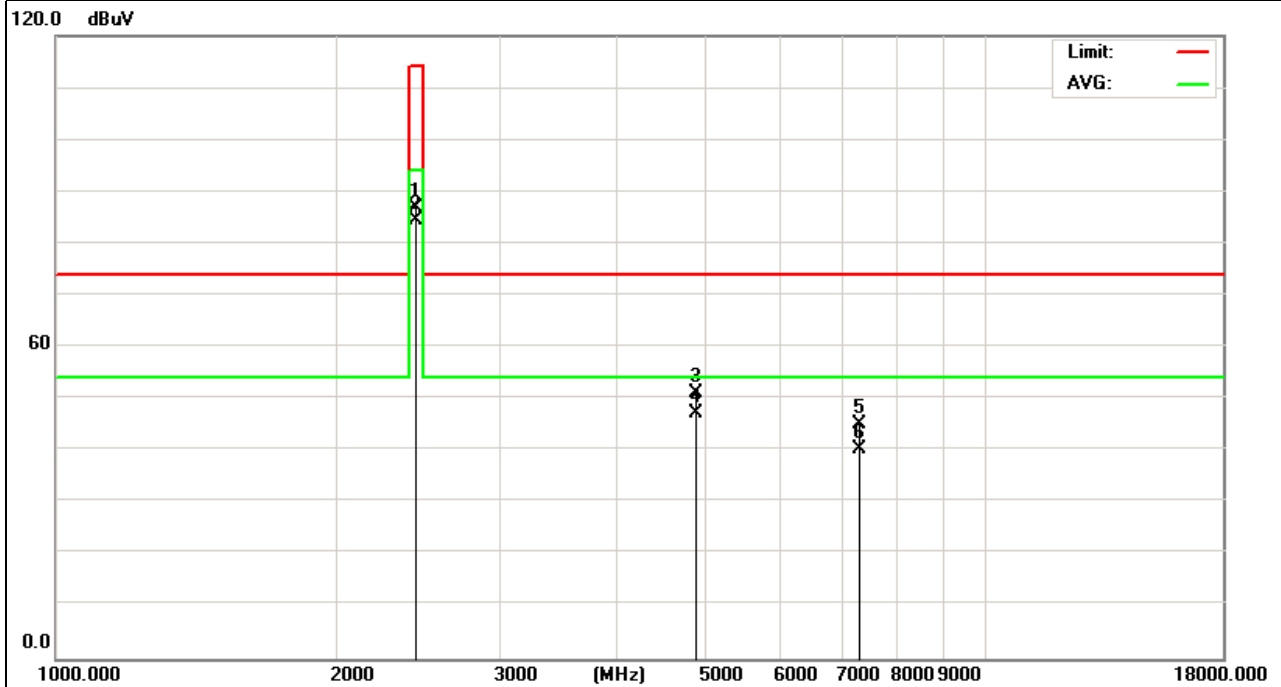
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 802.11n(40M)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4884.12	19.93	33.27	53.20	74.00	-20.80	peak
4884.12	14.21	33.27	47.48	54.00	-6.52	AVG
7326.15	3.03	44.09	47.12	74.00	-26.88	peak
7326.15	0.36	44.09	44.45	54.00	-9.55	AVG

Remark:

5. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. No emission detected above 18GHz



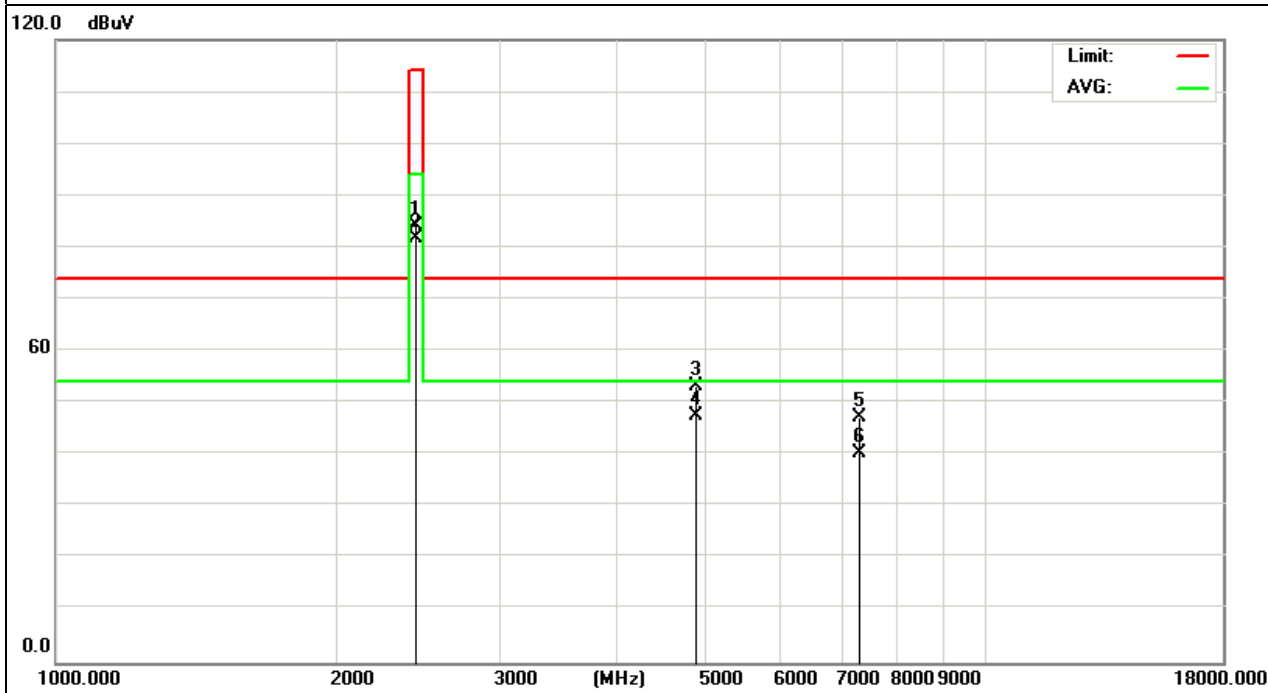
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH6 802.11n(40M)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4884.12	18.01	33.27	51.28	74.00	-22.72	peak
4884.12	13.95	33.27	47.22	54.00	-6.78	AVG
7326.15	2.12	44.09	46.21	74.00	-27.79	peak
7326.15	1.15	44.09	45.24	54.00	-8.76	AVG

Remark:

5. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. No emission detected above 18GHz



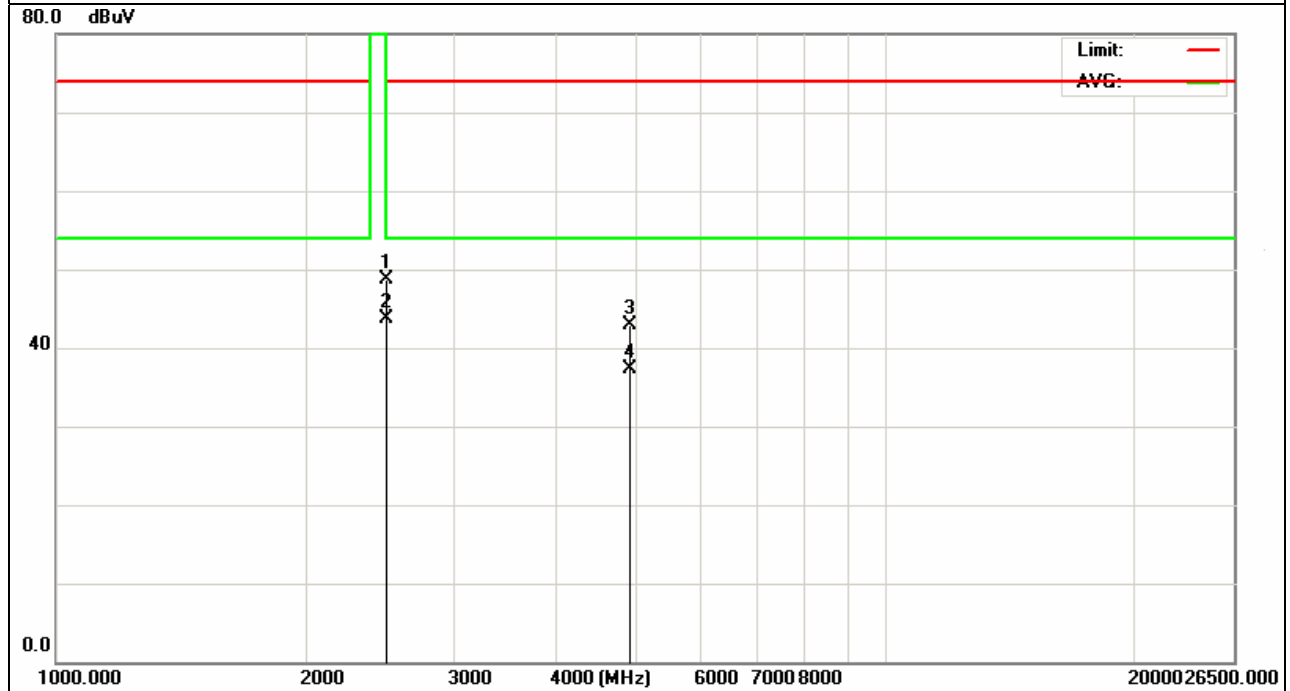
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH9 802.11n(40M)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	15.34	33.27	48.62	74.00	-25.39	peak
2483.5	10.43	33.27	43.70	54.00	-10.30	AVG
4904.00	-1.13	44.09	42.96	74.00	-31.04	peak
4904.00	-6.88	44.09	37.21	54.00	-16.79	AVG

Remark:

7. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

8. No emission detected above 18GHz

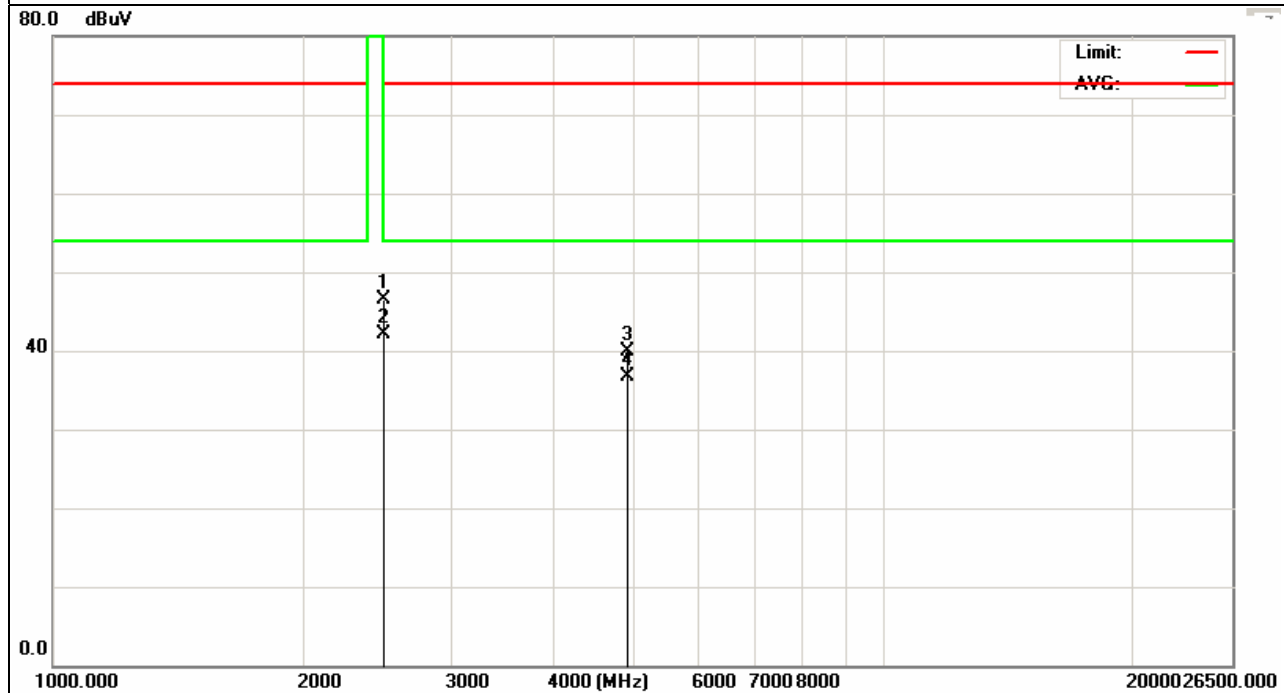


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V
Test Mode :	CH9 802.11n(40M)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	13.31	33.27	46.58	74.00	-27.42	peak
2483.5	8.81	33.27	42.08	54.00	-11.92	AVG
4904.00	-4.12	44.09	39.97	74.00	-34.03	peak
4904.00	-7.33	44.09	36.76	54.00	-17.24	AVG

Remark:

7. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
8. No emission detected above 18GHz



4. POWER SPECTRAL DENSITY TEST

4.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> Operating Frequency Range
RB	3 kHz
VB	30 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	500s

4.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 3KHz, VBW=30KHz, Sweep time = 500s.

4.1.2 DEVIATION FROM STANDARD

No deviation.

4.1.3 TEST SETUP



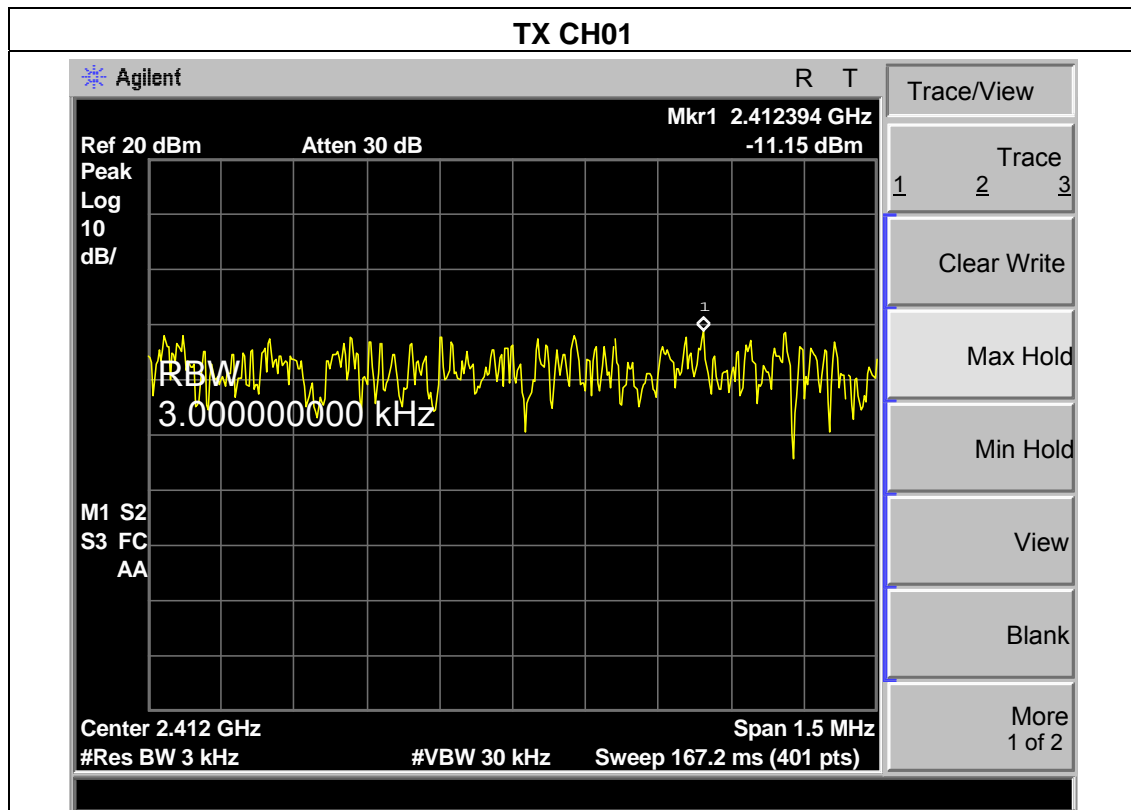
4.1.4 EUT OPERATION CONDITIONS

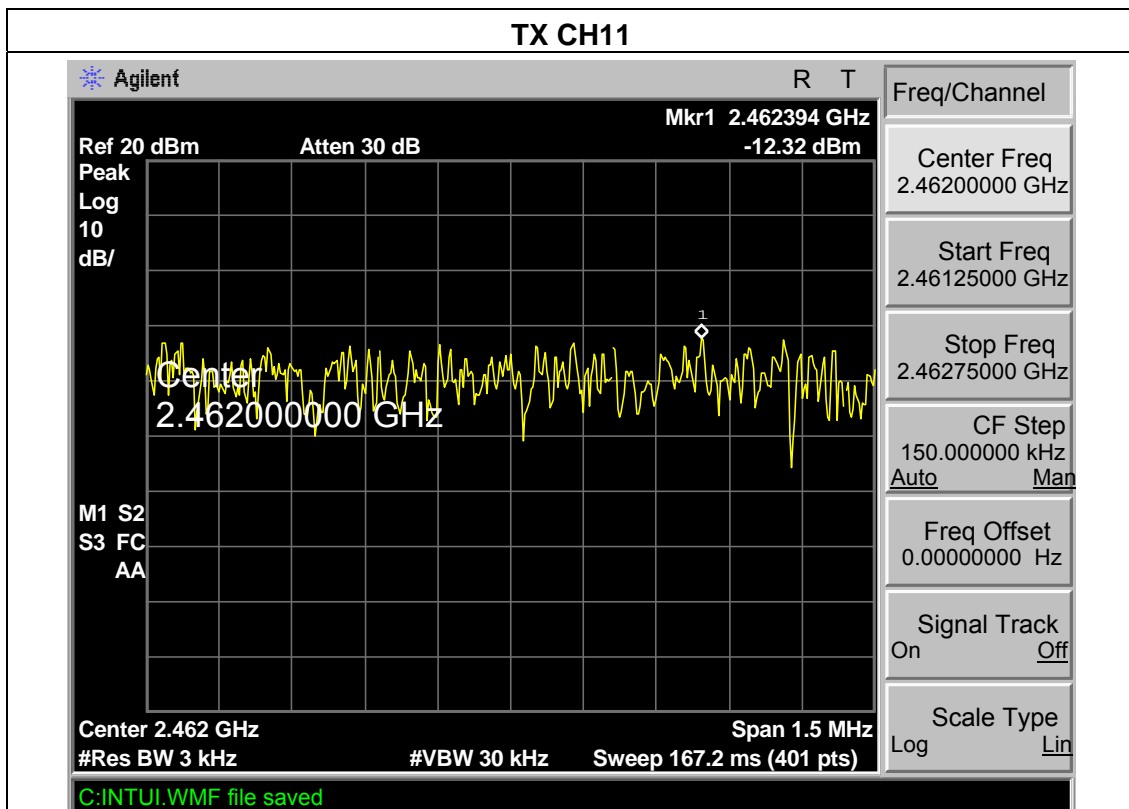
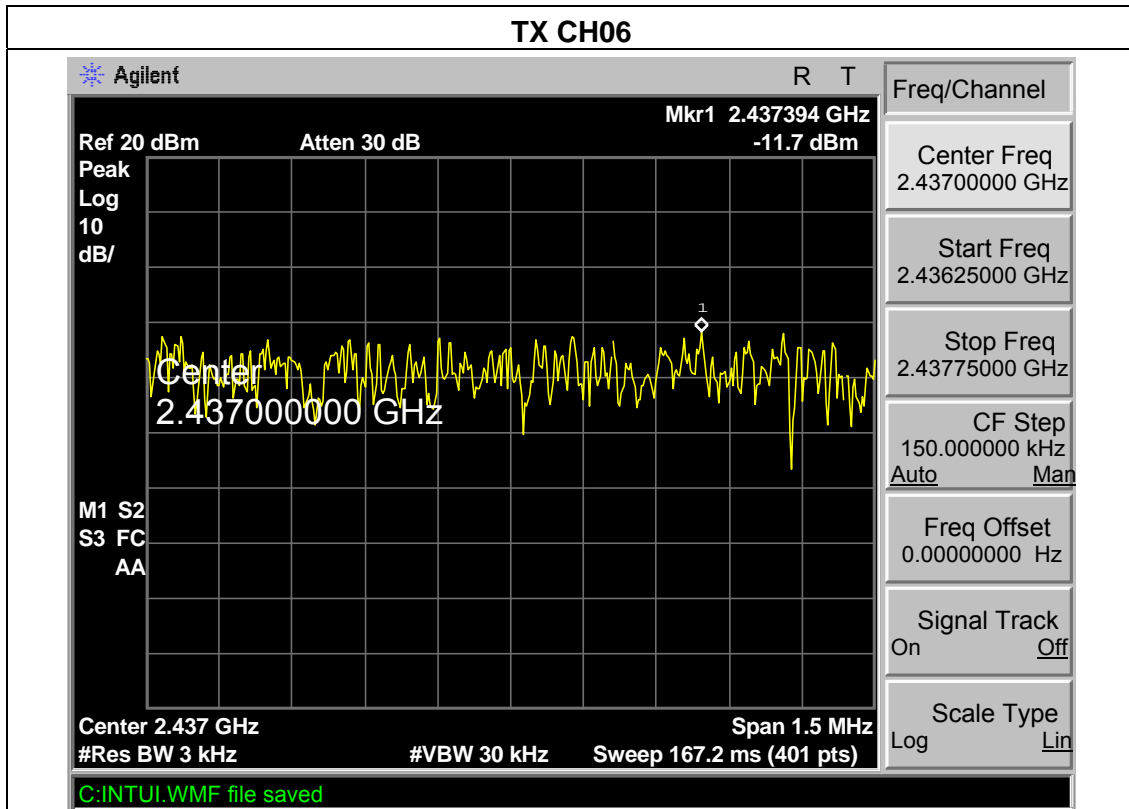
The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

4.1.5 TEST RESULTS

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V
Test Mode :	TX b Mode /CH01, CH06, CH11		

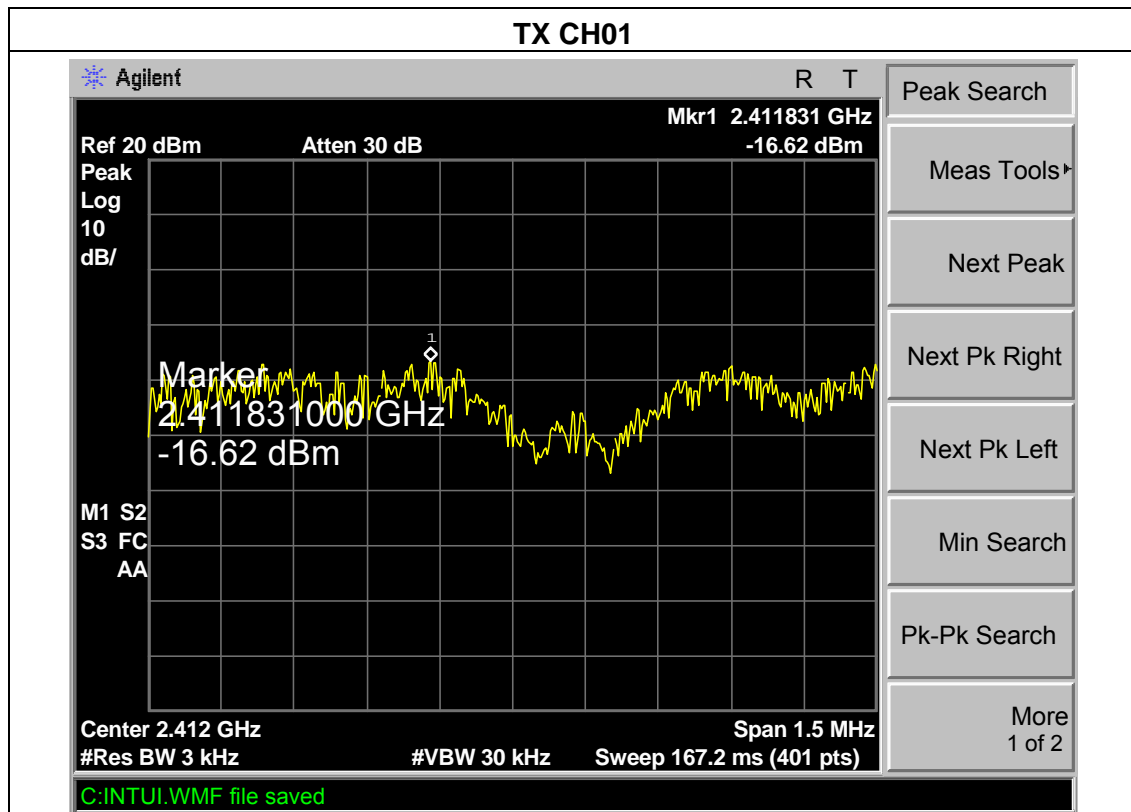
Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-11.15	8	PASS
2437 MHz	-11.70	8	PASS
2462 MHz	-12.32	8	PASS

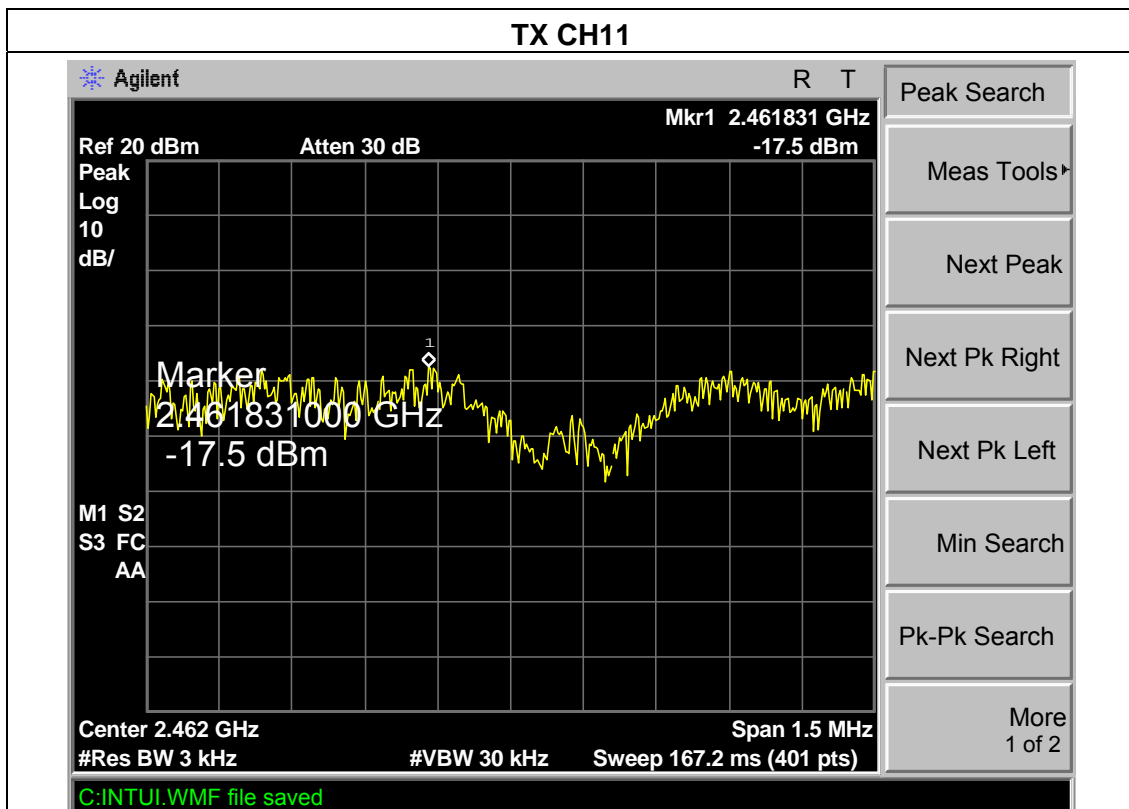
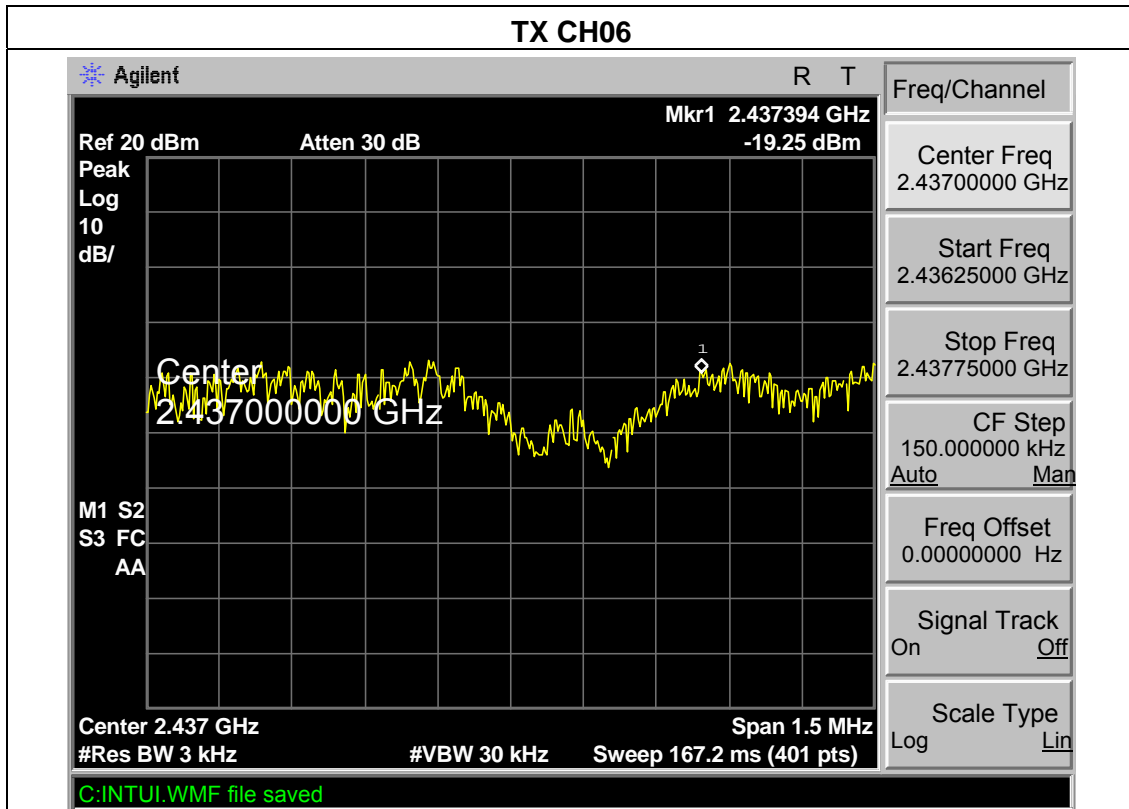




EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V
Test Mode :	TX g Mode /CH01, CH06, CH11		

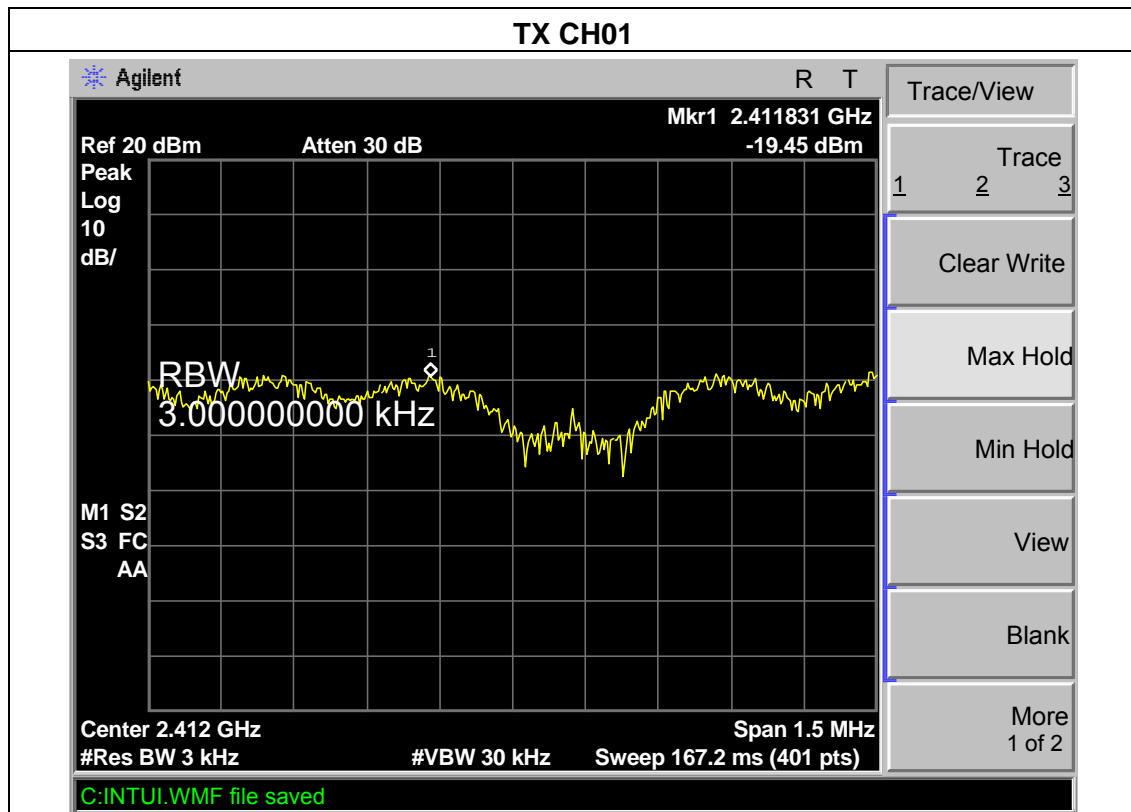
Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-16.62	8	PASS
2437MHz	-19.25	8	PASS
2462 MHz	-17.50	8	PASS

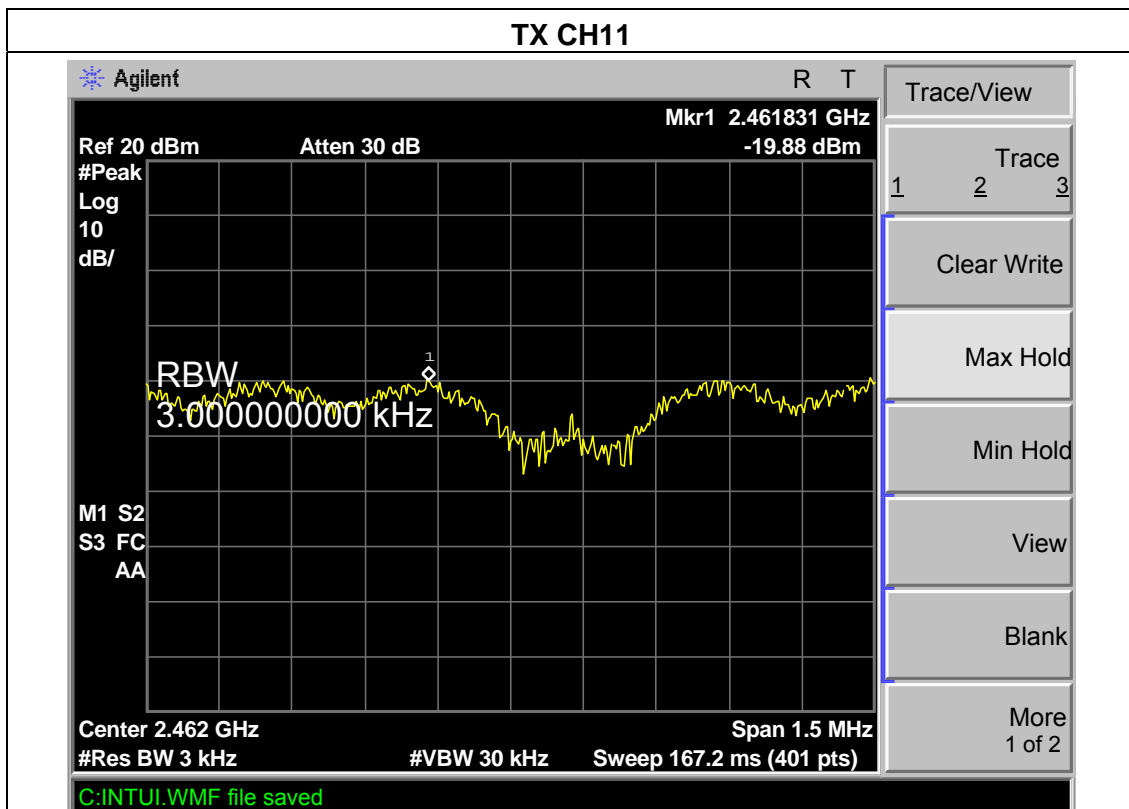
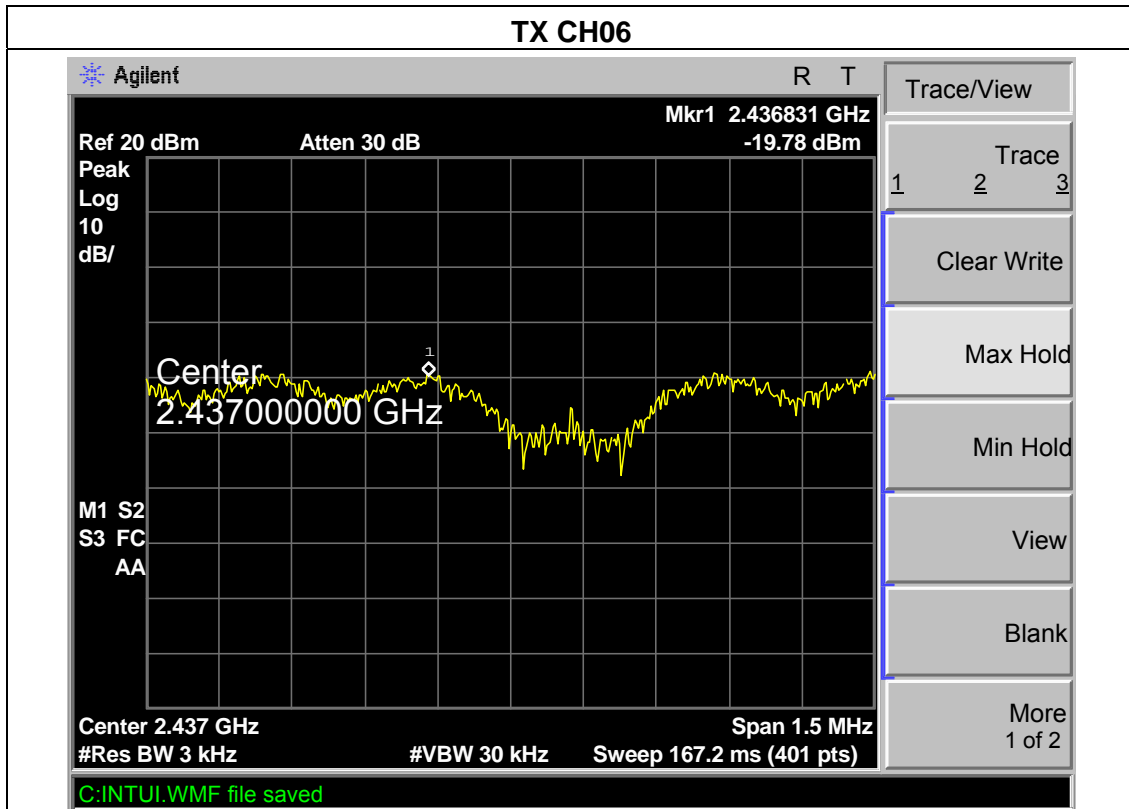




EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(20m) Mode /CH01, CH06, CH11		

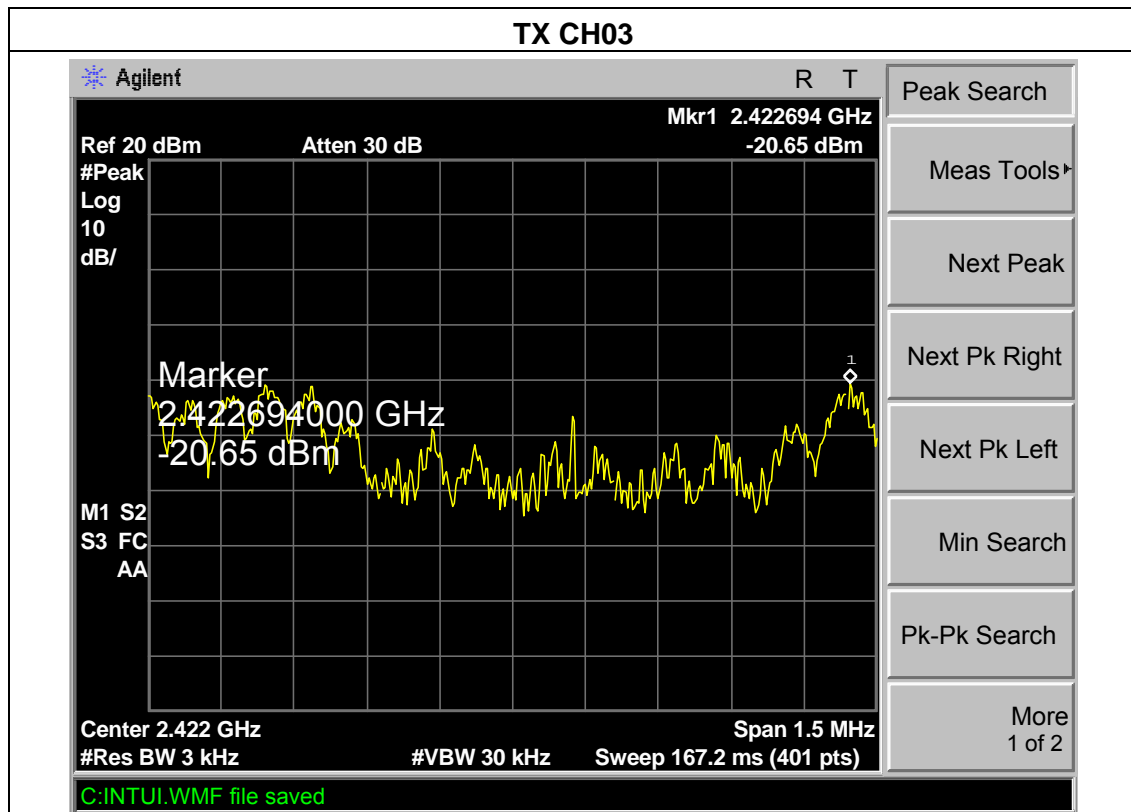
Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-19.45	8	PASS
2437MHz	-19.78	8	PASS
2462 MHz	-19.88	8	PASS

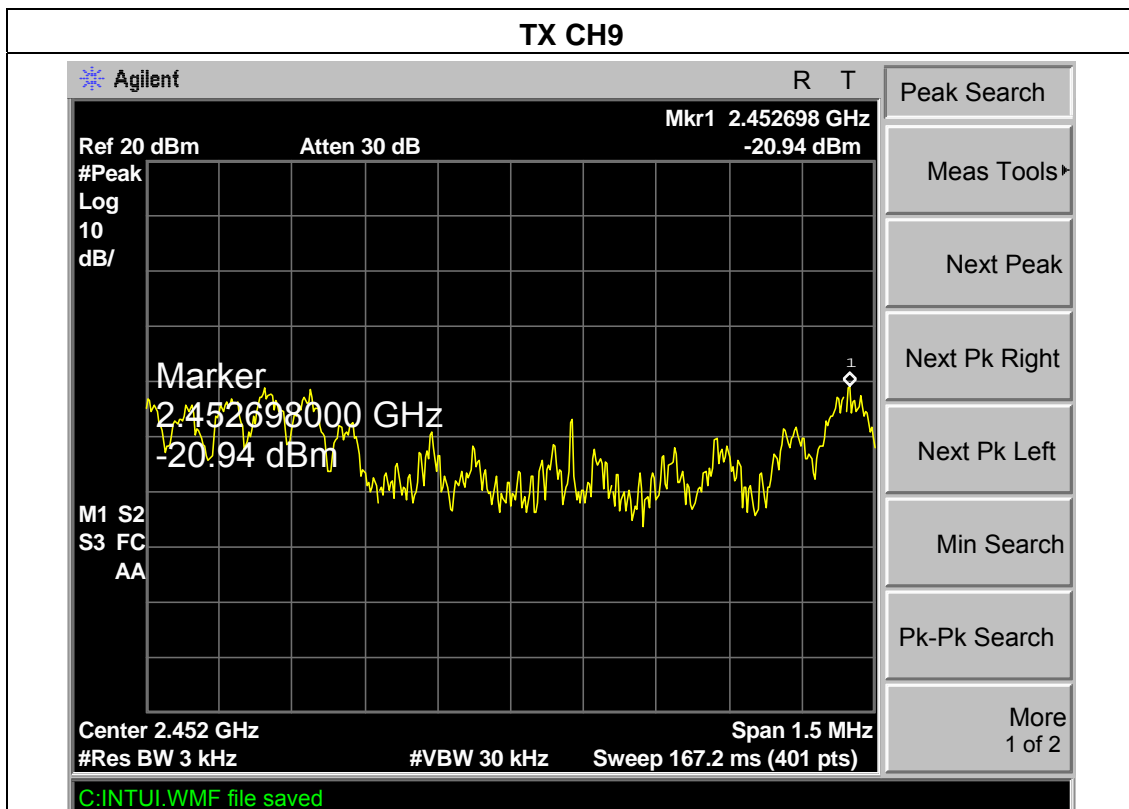
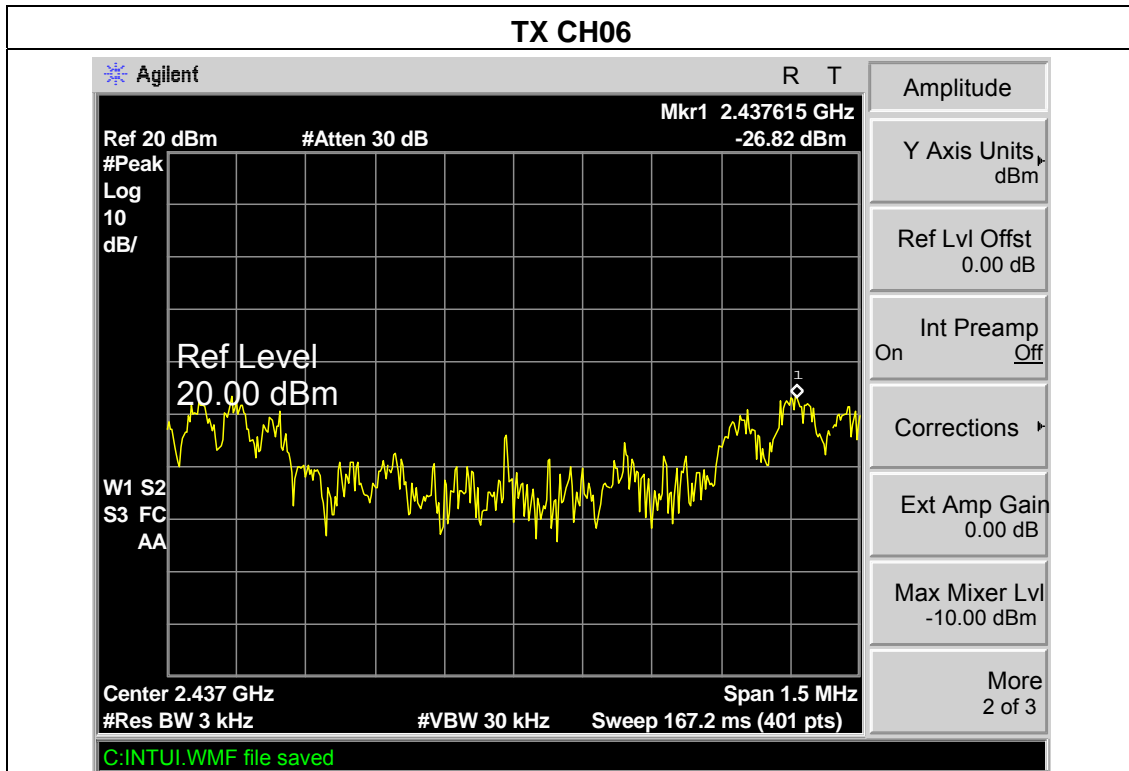




EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(40m) Mode /CH03, CH06, CH9		

Frequency	Power Density (dBm)	Limit (dBm)	Result
2422 MHz	-20.65	8	PASS
2437 MHz	-26.82	8	
2452MHz	-20.94	8	PASS





5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	30 kHz (20dB Bandwidth) / 100 kHz (Channel Separation)
VB	100 kHz (20dB Bandwidth) / 300 kHz (Channel Separation)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

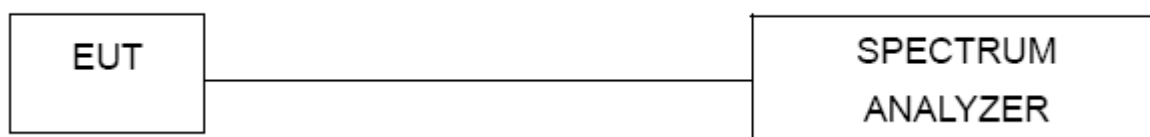
5.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



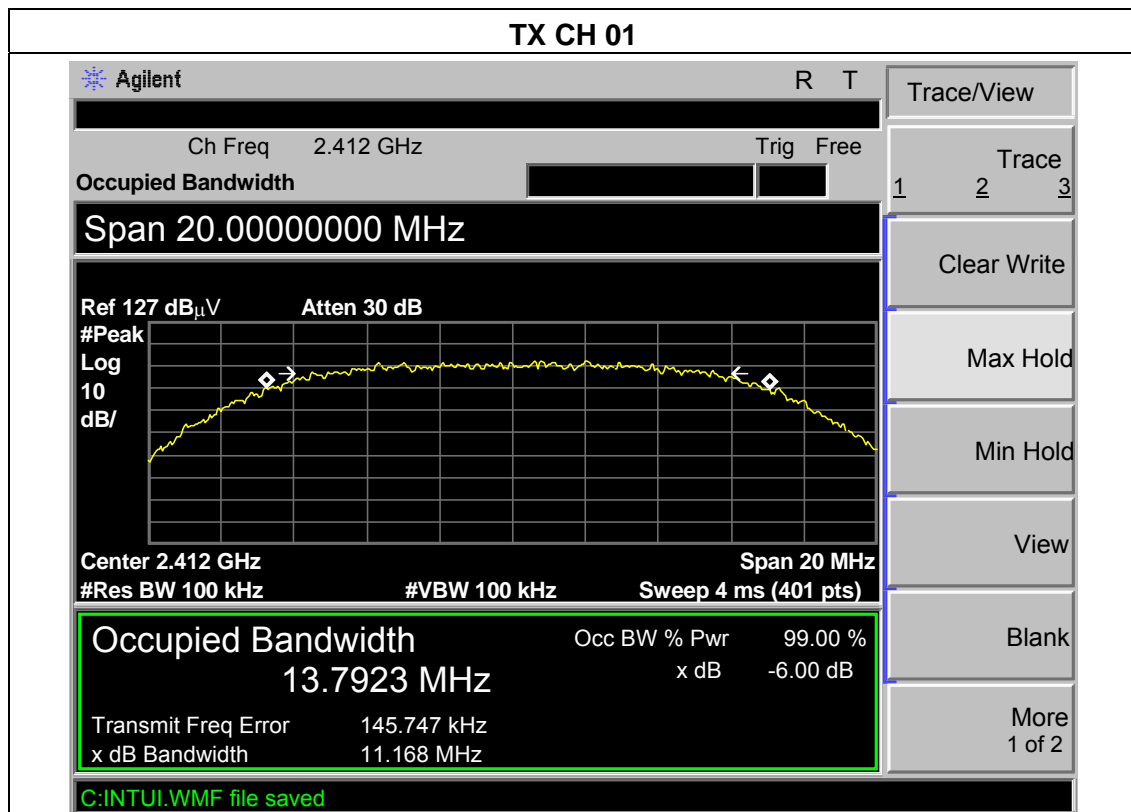
5.1.4 EUT OPERATION CONDITIONS

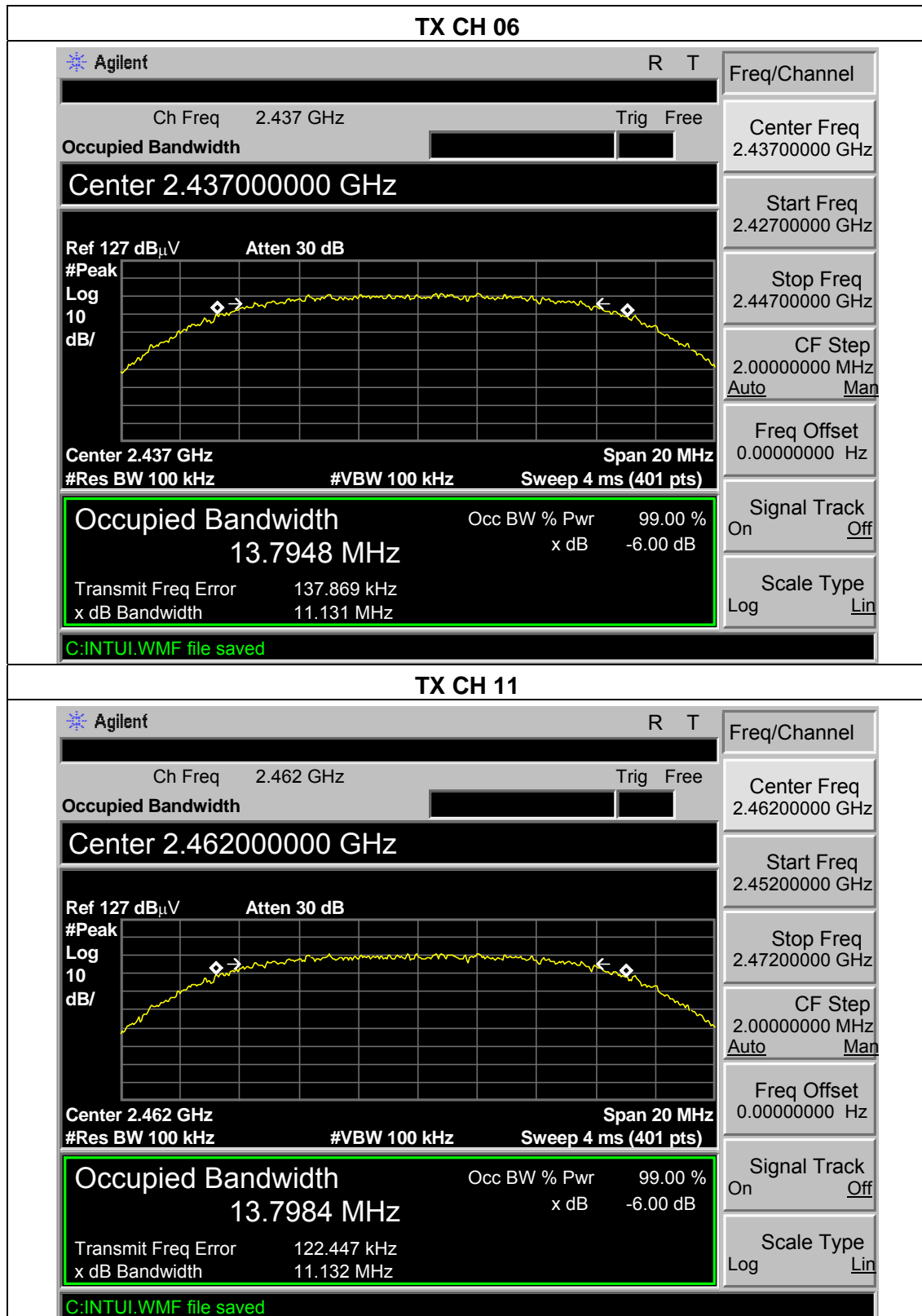
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 TEST RESULTS

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX g Mode /CH01, CH06, CH11		

Frequency	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Channel Separation (MHz)	Result
2412 MHz	11.16	13.79	>=500KHz	PASS
2437 MHz	11.13	13.79	>=500KHz	PASS
2462 MHz	11.13	13.79	>=500KHz	PASS




TX CH 11

Agilent R T

Ch Freq 2.462 GHz Trig Free

Occupied Bandwidth

Center 2.462000000 GHz

Ref 127 dB μ V Atten 30 dB

#Peak Log

10 dB/

Center 2.462 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 4 ms (401 pts)

Occupied Bandwidth

13.7984 MHz

Transmit Freq Error 122.447 kHz

x dB Bandwidth 11.132 MHz

C:\INTUI.WMF file saved

Freq/Channel

Center Freq 2.46200000 GHz

Start Freq 2.45200000 GHz

Stop Freq 2.47200000 GHz

CF Step 2.00000000 MHz

Auto Man

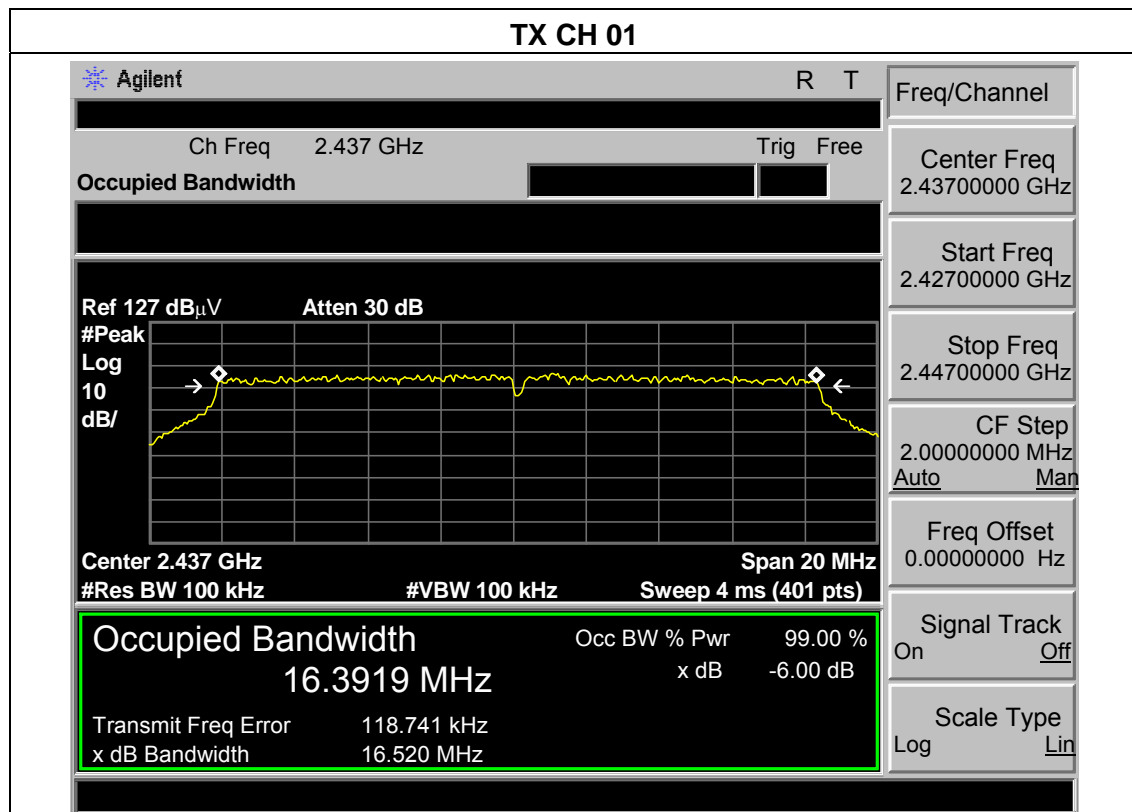
Freq Offset 0.00000000 Hz

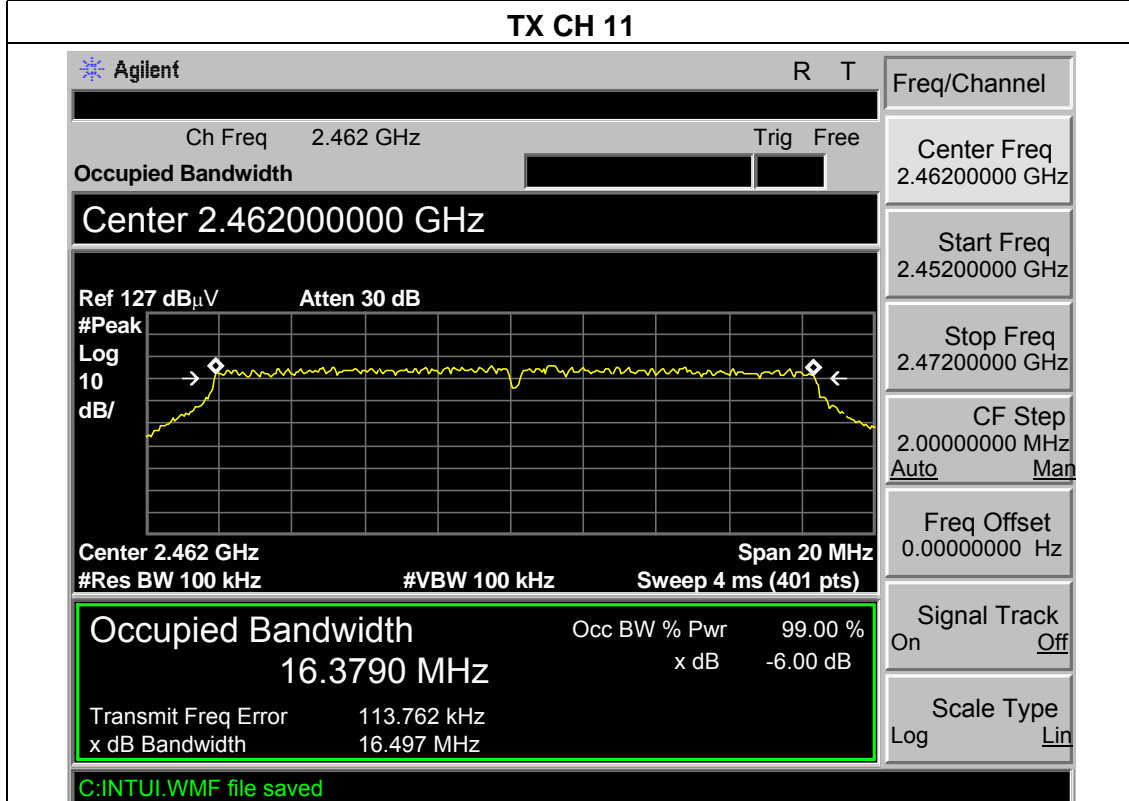
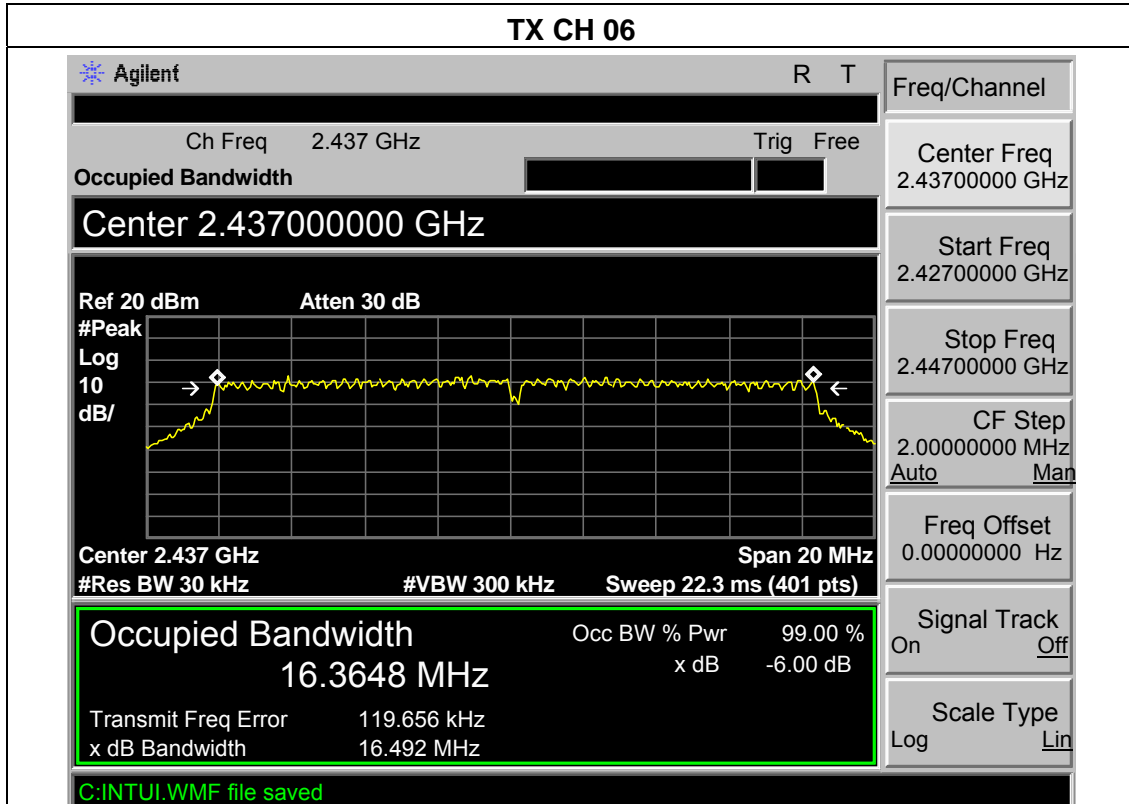
Signal Track On Off

Scale Type Log Lin

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX g Mode /CH01, CH06, CH11		

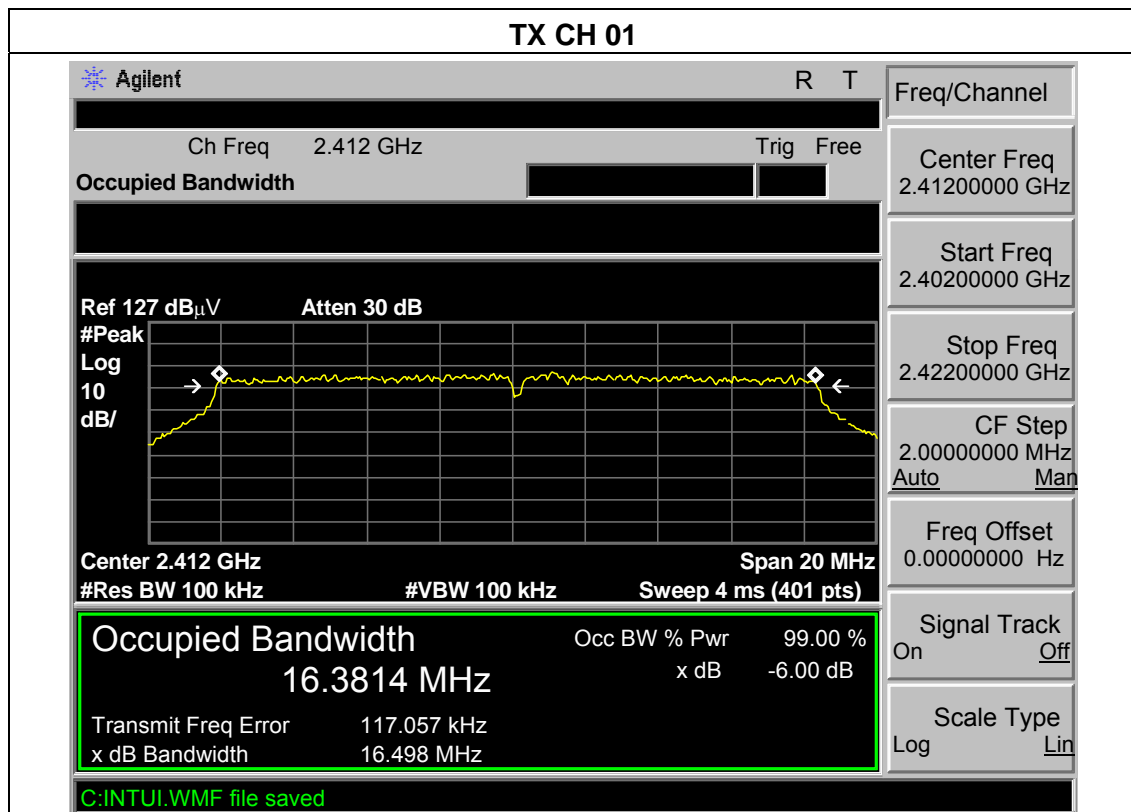
Frequency	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Channel Separation (MHz)	Result
2412 MHz	16.52	16.39	>=500KHz	PASS
2437 MHz	16.49	16.36	>=500KHz	PASS
2462 MHz	16.49	16.37	>=500KHz	PASS

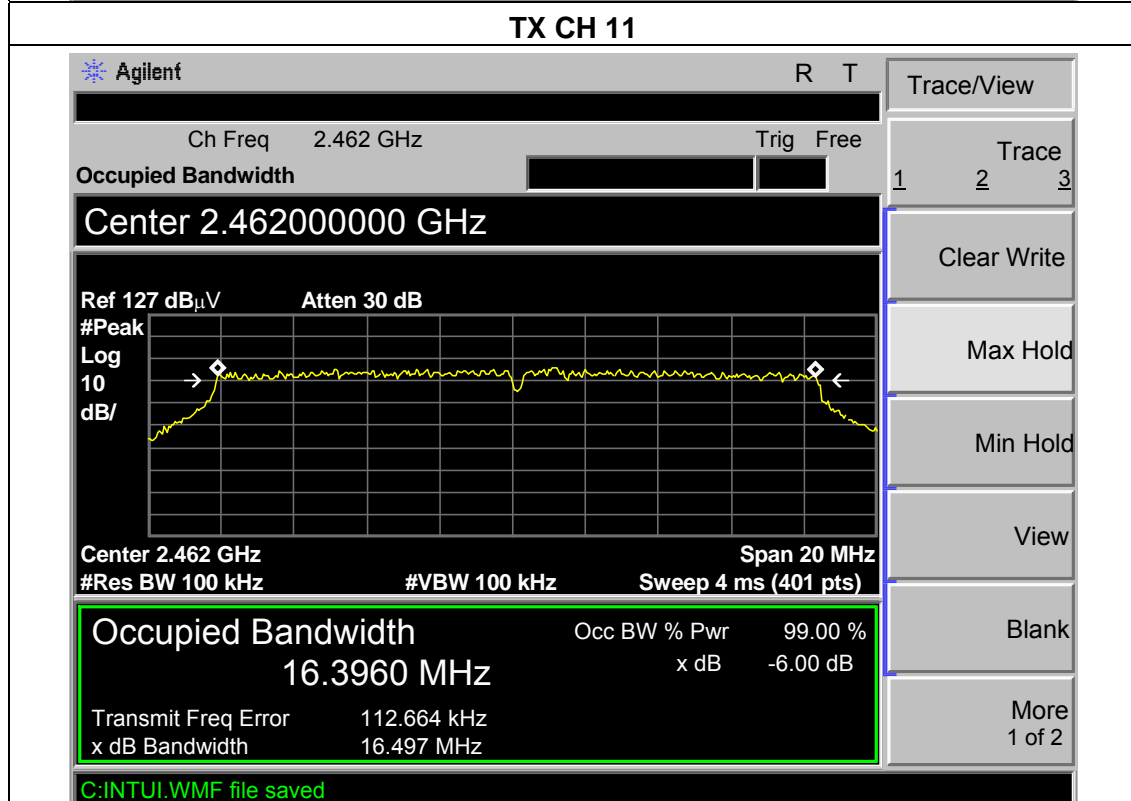
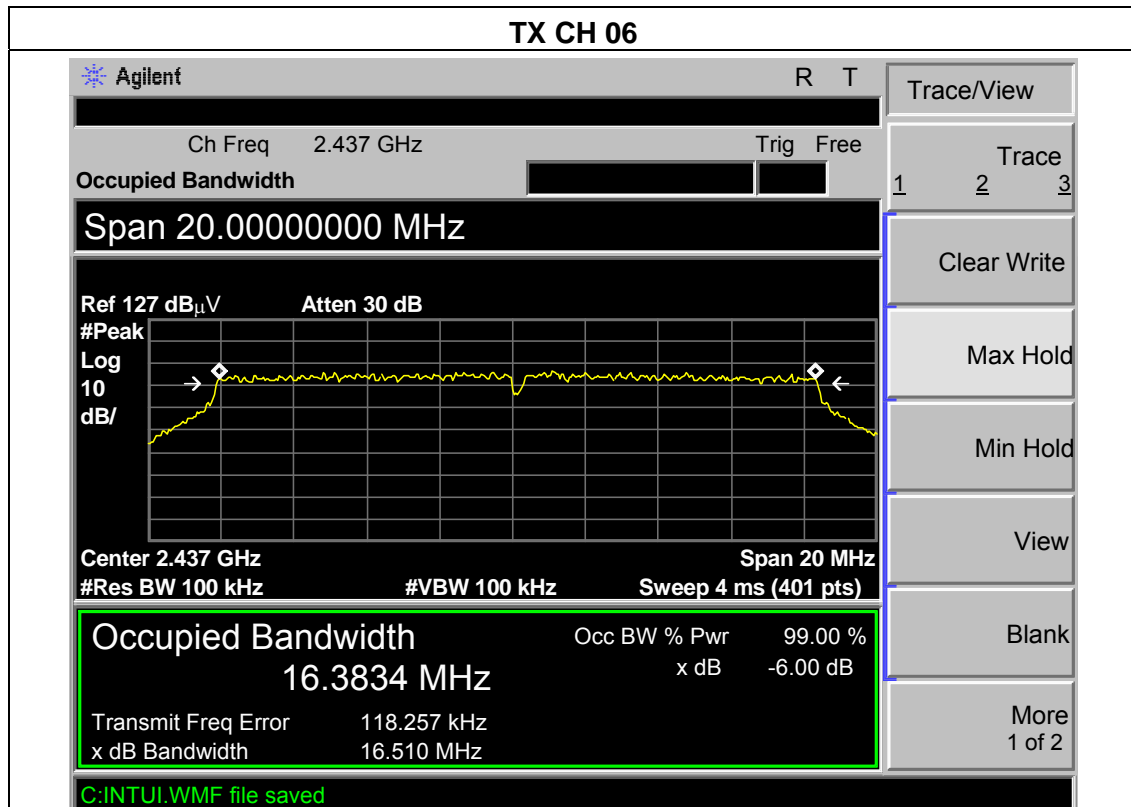




EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(20M) Mode /CH01, CH06, CH11		

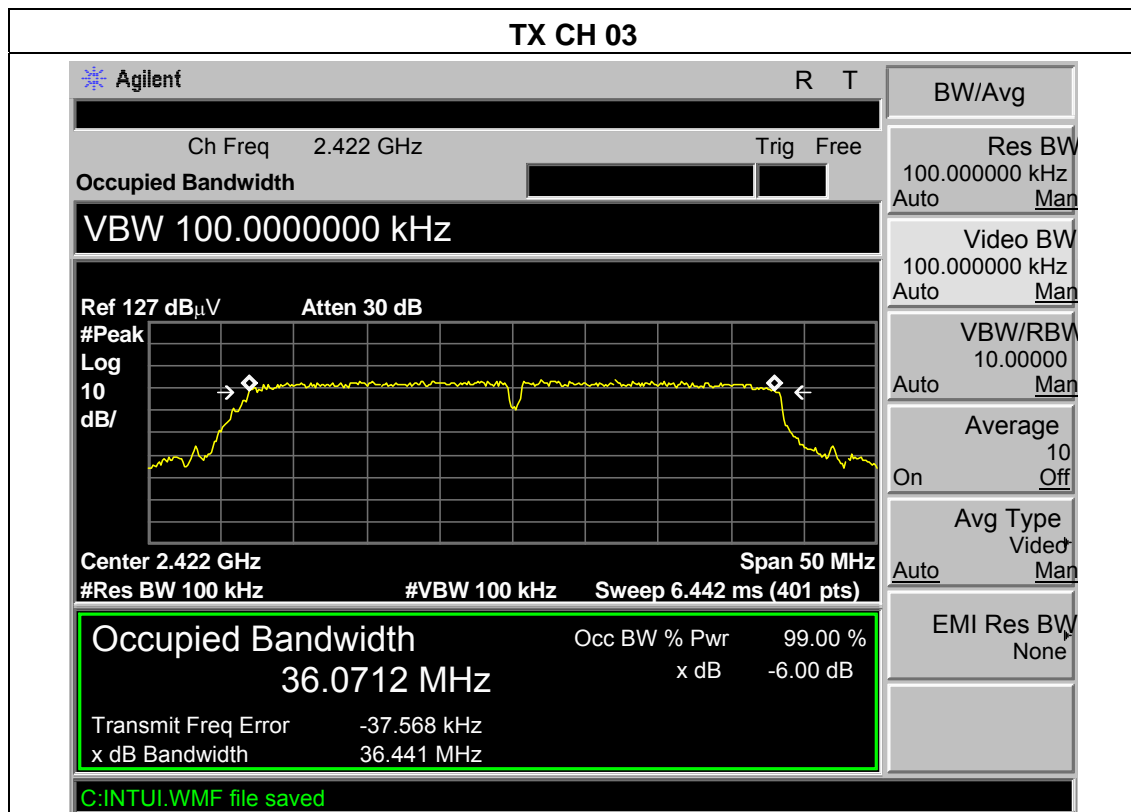
Frequency	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Channel Separation (MHz)	Result
2412 MHz	16.50	16.38	>=500KHz	PASS
2437 MHz	16.51	16.38	>=500KHz	PASS
2462 MHz	16.49	16.39	>=500KHz	PASS

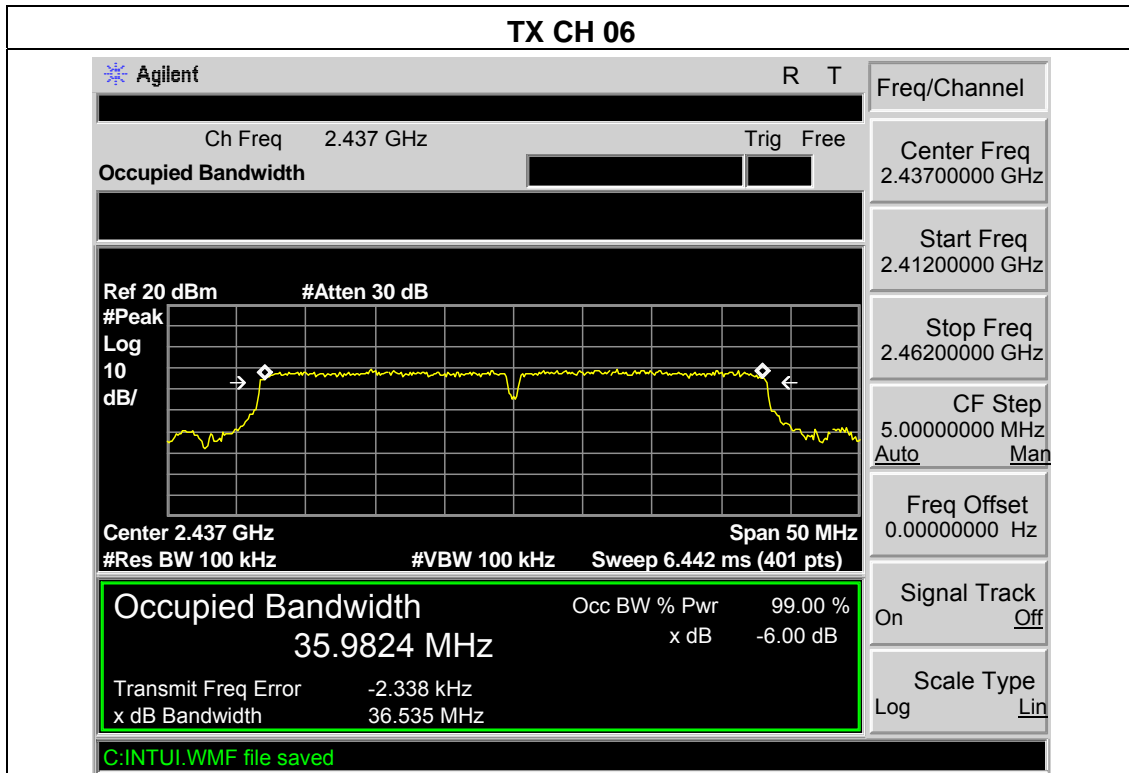


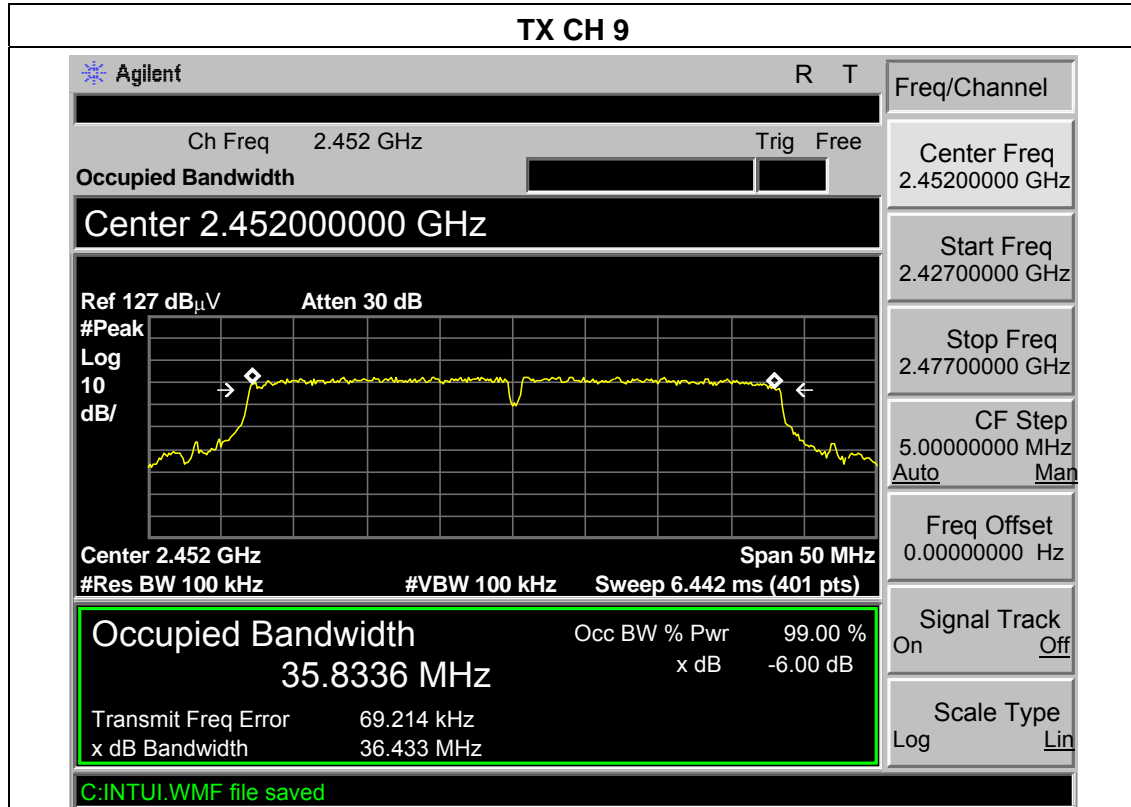


EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(40M) Mode /CH03, CH06, CH9		

Frequency	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Channel Separation (MHz)	Result
2422 MHz	36.44	36.07	>=500KHz	PASS
2437 MHz	36.53	35.98	>=500KHz	PASS
2452 MHz	36.43	35.83	>=500KHz	PASS







6. PEAK OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(1)	Peak Output Power	1 watt or 30dBm	2400-2483.5	PASS

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the Power meter

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 TEST RESULTS

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX b Mode /CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Peak output power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412	10.21	30	1
CH06	2437	10.58	30	1
CH11	2462	10.87	30	1

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX g Mode /CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Peak output power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412	11.56	30	1
CH06	2437	11.45	30	1
CH11	2462	11.18	30	1

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(20M) Mode /CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Peak output power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412	11.14	30	1
CH06	2437	11.17	30	1
CH11	2462	10.89	30	1

EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(40M) Mode /CH03, CH06, CH9		

Test Channel	Frequency (MHz)	Peak output power (dBm)	LIMIT (dBm)	LIMIT (W)
CH03	2422	9.78	30	1
CH06	2437	9.18	30	1
CH09	2452	9.66	30	1

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (other emission)	100 KHz /100 KHz for Peak

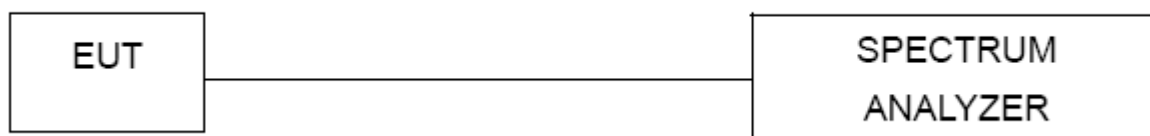
7.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP

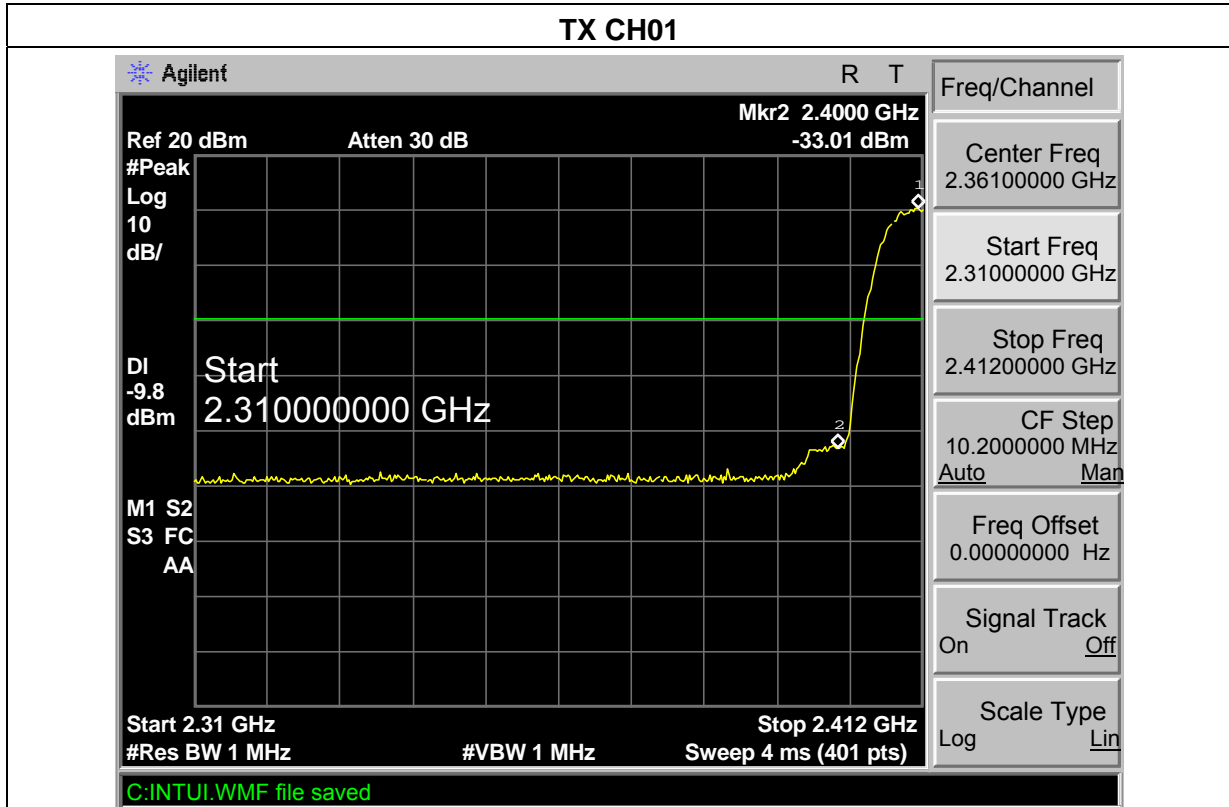


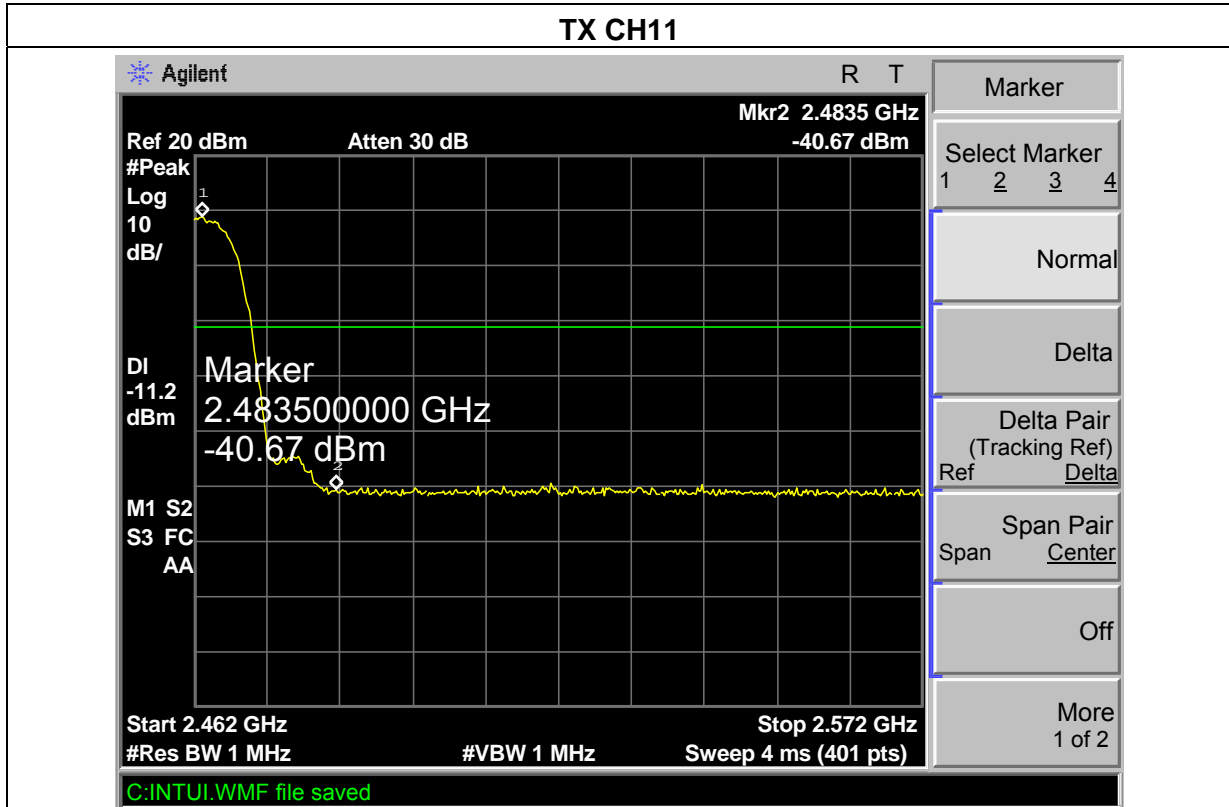
7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

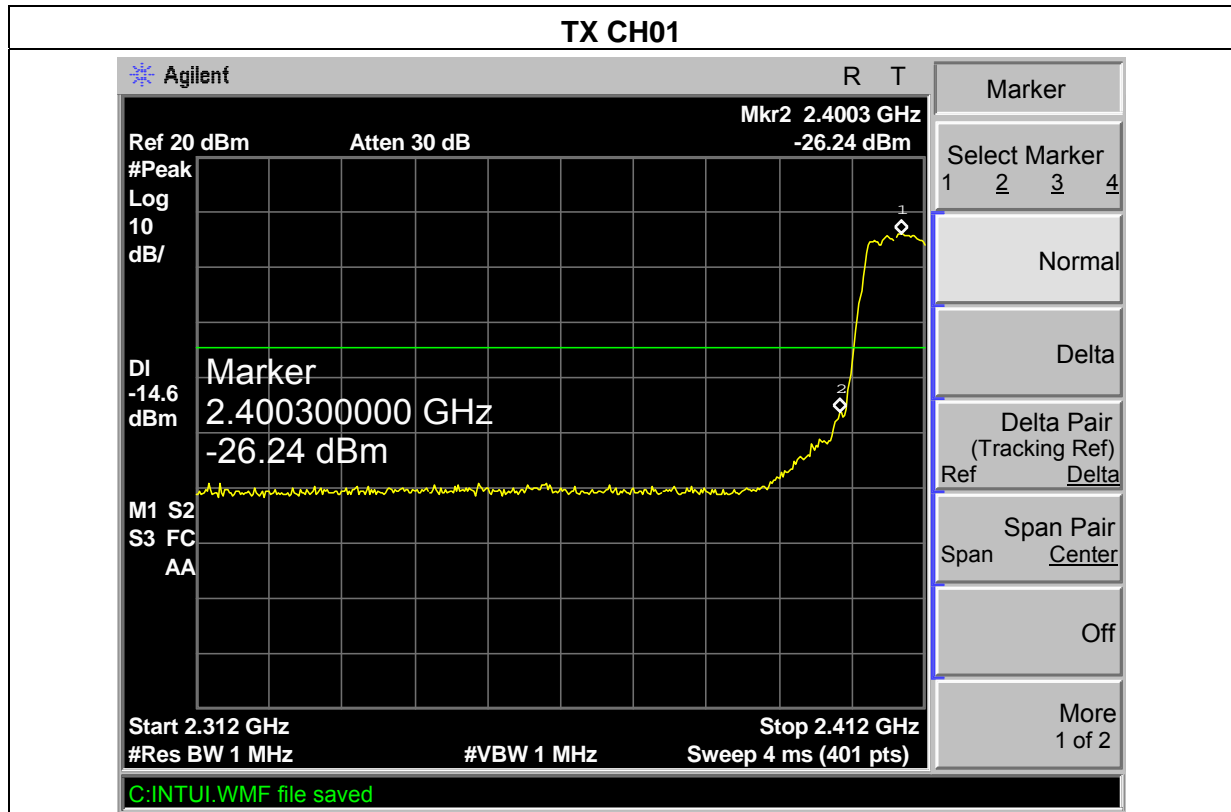
7.1.5 TEST RESULTS

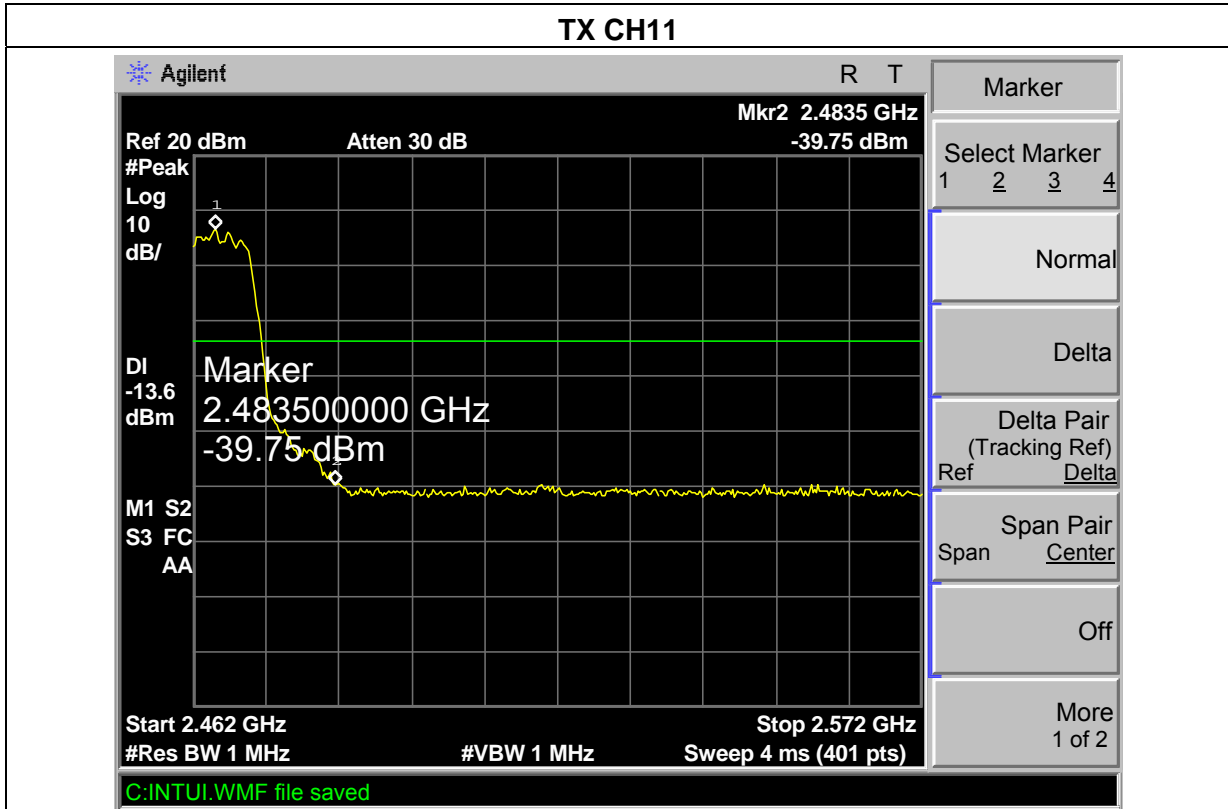
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX b Mode /CH01, CH11		



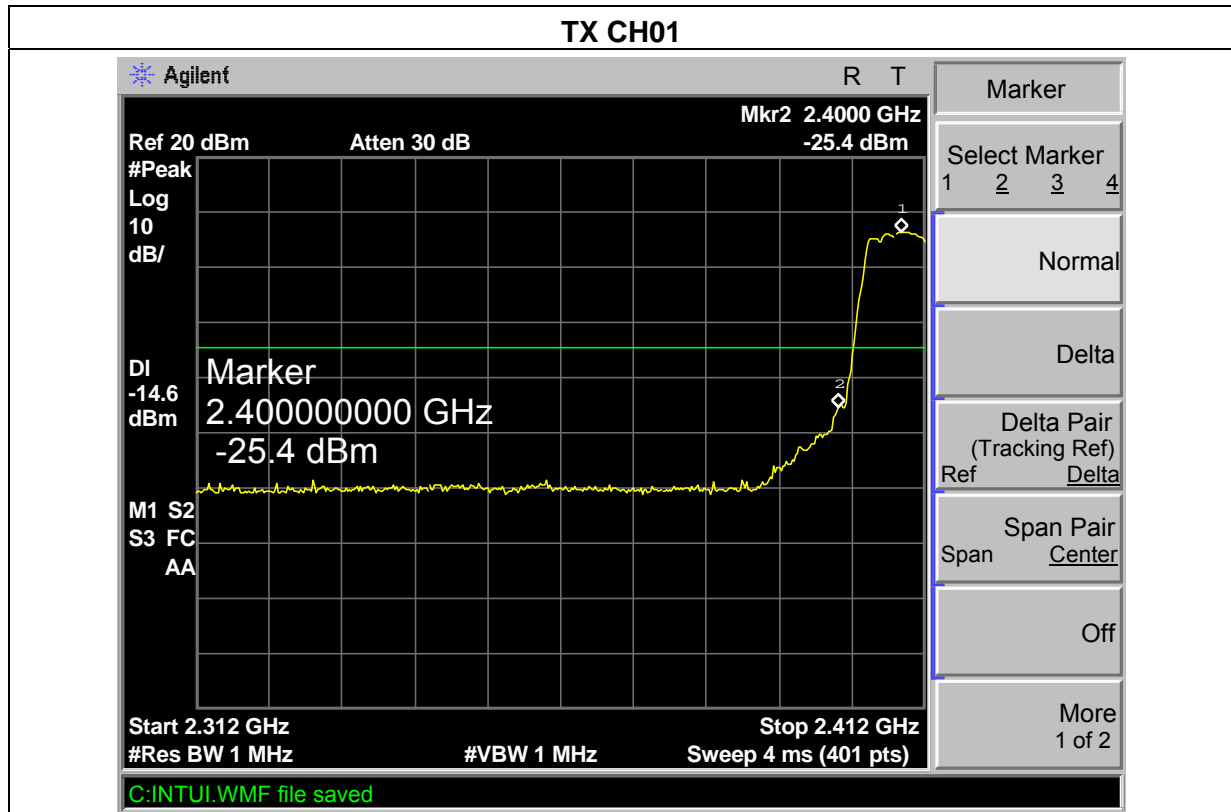


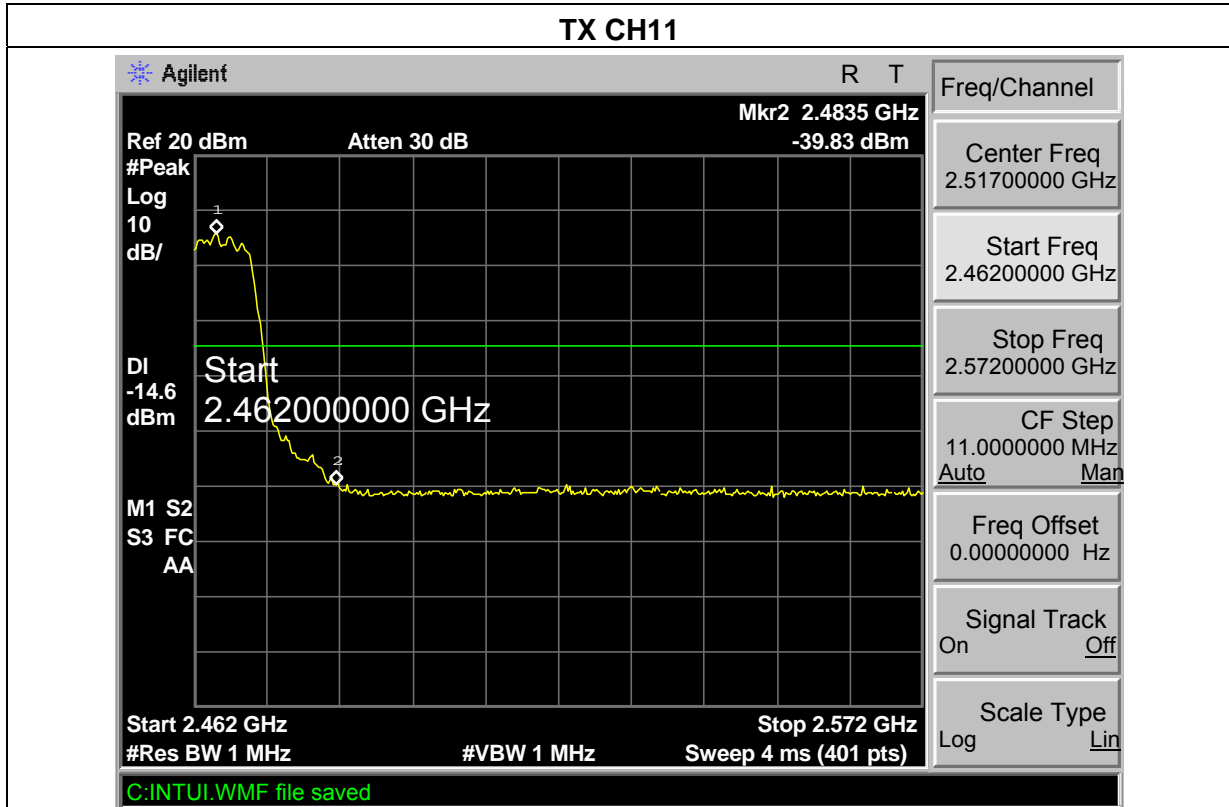
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX g Mode /CH01, CH11		



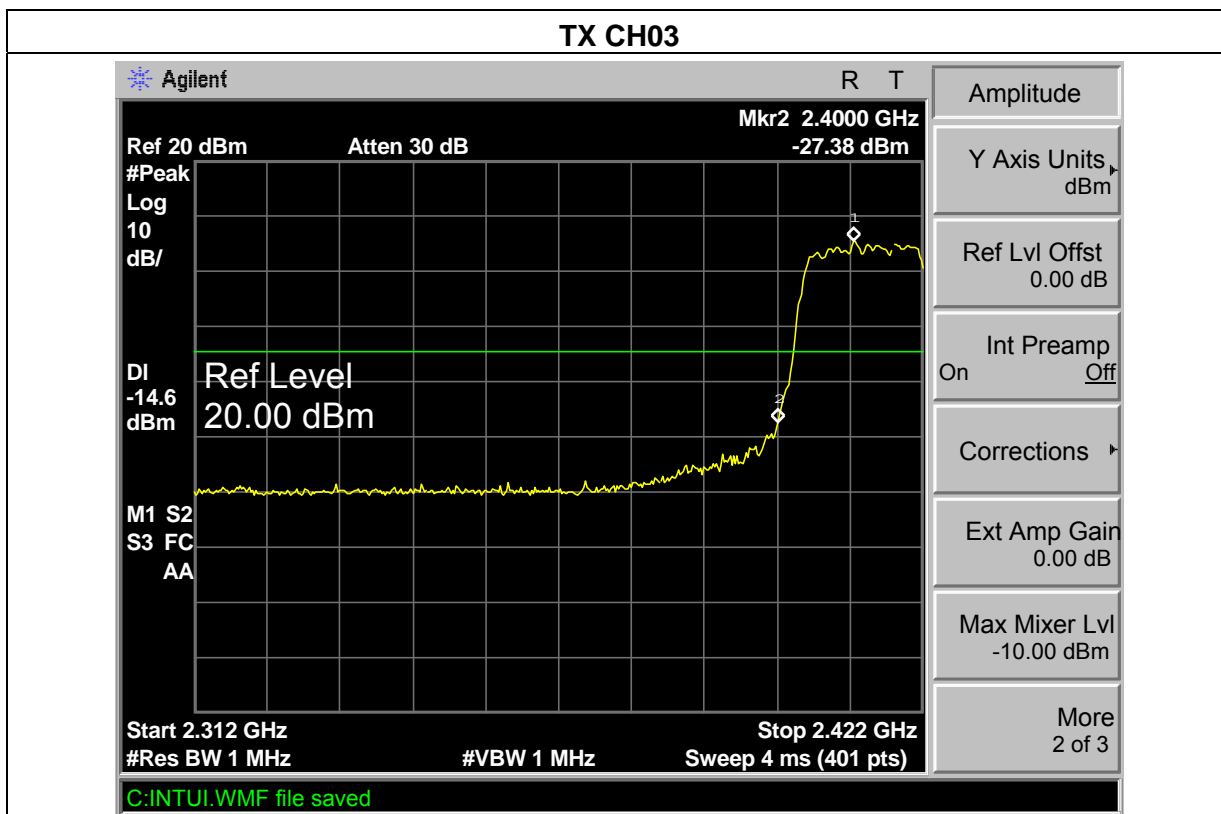


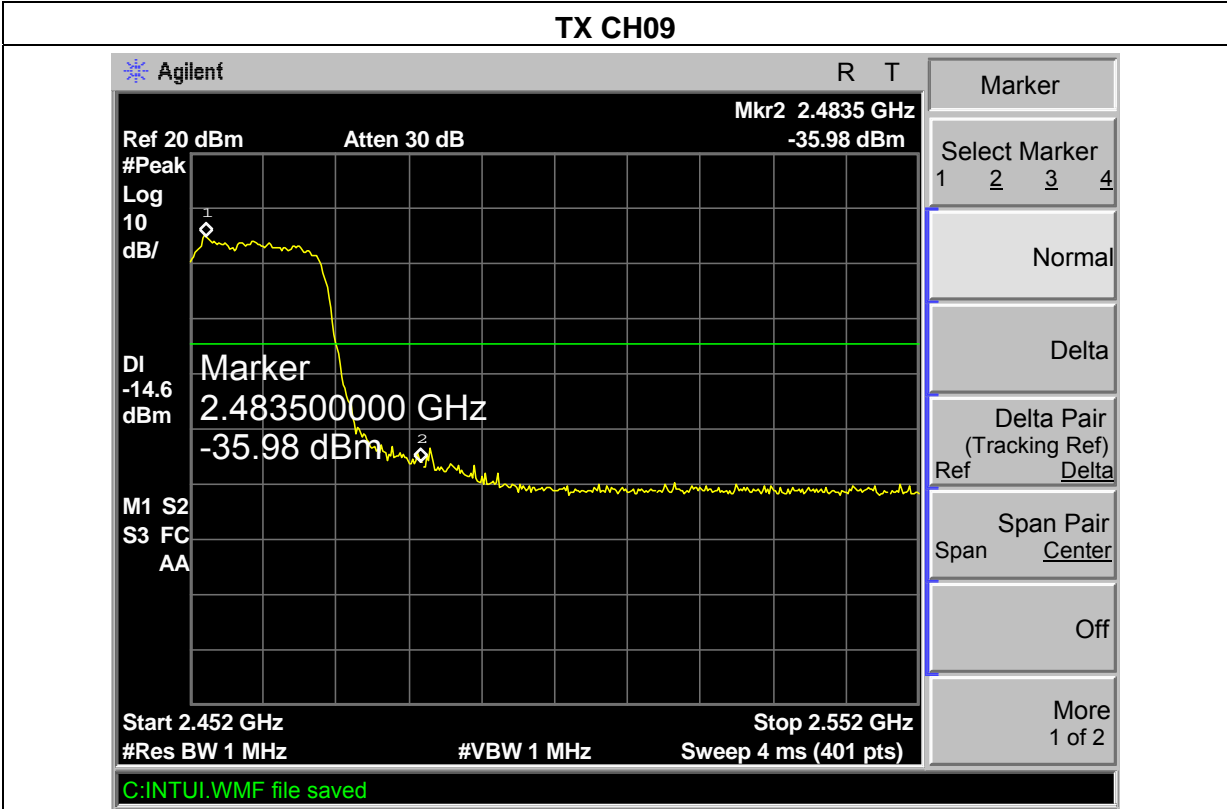
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(20M) Mode /CH01, CH11		





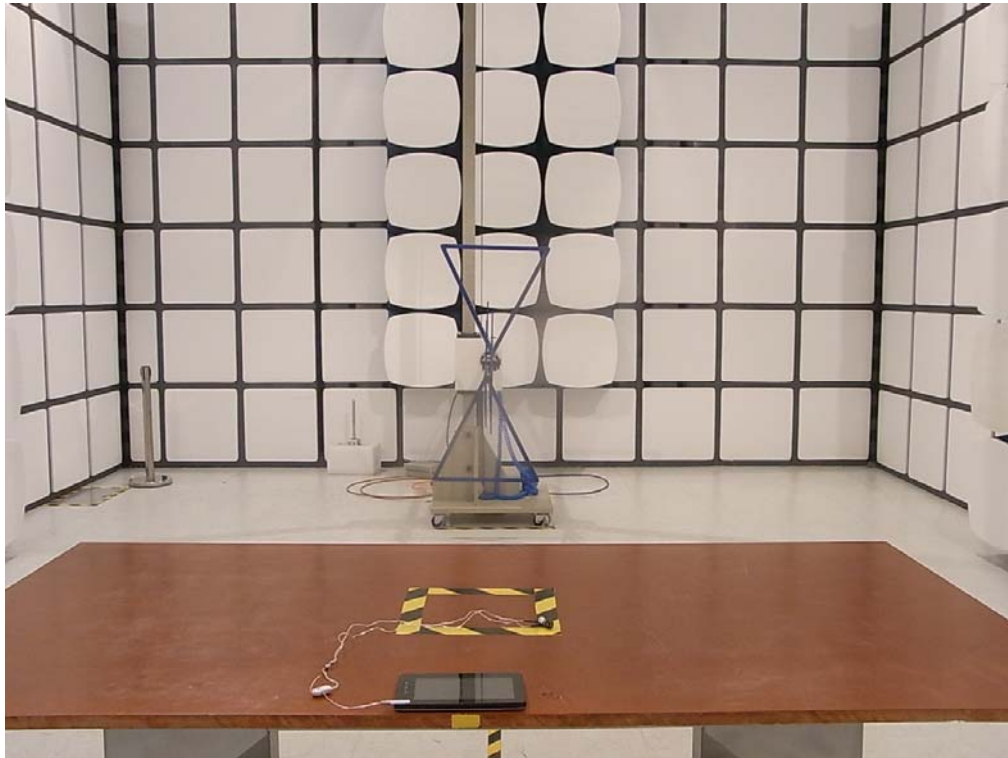
EUT :	Tablet PC	Model Name :	MOMO09C
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V
Test Mode :	TX n(40M) Mode /CH03, CH9		





8. EUT TEST PHOTO

Radiated Measurement Photos



Conducted Measurement Photos

