

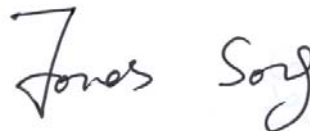
FCC RADIO TEST REPORT

Prepared For	Fuzhou Smart Digital Science & Technology Co., Ltd.
Product Name:	AOC Tablet
Trade Name:	AOC
Model Name :	MW0713
FCC ID:	QAPMW0713
Prepared By	DongGuan Precise Testing Service Co.,Ltd.
	Room 203-204, 2F, Xinye Building, No.67 Shijing Guangzhang Road, Dongguan, China
Report No.	PTS201303071F1
Test Date:	Mar 23, 2013 ~ Mar 30, 2013
Date of Report :	Mar 30, 2013

VERIFICATION OF COMPLIANCE

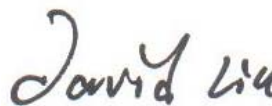
Applicant:	Fuzhou Smart Digital Science & Technology Co., Ltd
Address	No.8 Building, Honshan science & Technology Zone, Gulou District, Fuzhou, Fujian, China
Manufacturer Name:	Fuzhou Smart Digital Science & Technology Co., Ltd
Address:	No.8 Building, Honshan science & Technology Zone, Gulou District, Fuzhou, Fujian, China
Product Description:	AOC Tablet
Brand Name:	AOC
Model Name:	MW0713
Model difference:	N/A
Test procedure	ANSI C63.4
Standards	FCC Part15.247

Prepared by :



Assistant

Reviewer :



Supervisor

Approved & Authorized Signer :



Jacky Ou / Manager

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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 (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	
15.205	Band Edge Emission	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 Registration No.:238937; IC Registration No.:9270A-1

CNAS Registration No.:L5516

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	RF power,conducted	$\pm 0.16\text{dB}$
3	Spurious emissions,conducted	$\pm 0.21\text{dB}$
4	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
5	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AOC Tablet	
Trade Name	AOC	
Model Name	MW0713	
Serial Model	N/A	
Model Difference	N/A	
Product Description	The EUT is a AOC Tablet	
	Operation Frequency:	802.11b/g/n(20):2412~2462 MHz 802.11n(40):2422~2452 MHz
	Modulation Type:	CCK/OFDM/DBPSK/DAPSK
	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(20/40MHz):150/144.44/130/117/115.56/104/86.67/78/52/6.5 Mbps
	Number Of Channel	802.11b/g/n20: 11CH 802.11n 40: 7CH
	Antenna Designation:	Please see Note 3.
	Output Power(Conducted):	802.11b: 12.59 dBm (Max.) 802.11g: 10.79 dBm (Max.) 802.11n: 10.82 dBm (Max.) 802.11n40: 9.62 dBm (Max.)
	Antenna Gain (dBi)	2.0dbi
	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.	
Channel List	Please refer to the Note 2.	
Ratings	DC 5V from adapter AC 120V/60Hz	
Battery	N/A	
Connecting I/O Port(s)	Please refer to the User's Manual	

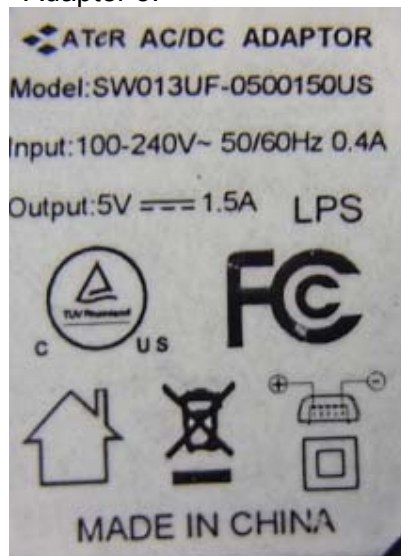
Adapter1:



Adapter 2:



Adapter 3:



Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2.

Channel List for 802.11b/g/n(20MHz)

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		

Channel List for 802.11n(40MHz)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
03	2422	06	2437	09	2452		
04	2427	07	2442				
05	2432	08	2447				



3.

Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
A	N/A	N/A	FPCB	N/A	2.0	N/A

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly 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 CH1/ CH6/ CH11
Mode 4	802.11n(40) CH3/ CH6/ CH9
Mode 5	Link Mode (Adapter1)
Mode6	Link Mode (Adapter2)
Mode7	Link Mode (Adapter3)

For Conducted Emission	
Final Test Mode	Description
Mode 5	Link Mode (Adapter1)
Mode6	Link Mode (Adapter2)
Mode7	Link Mode (Adapter3)

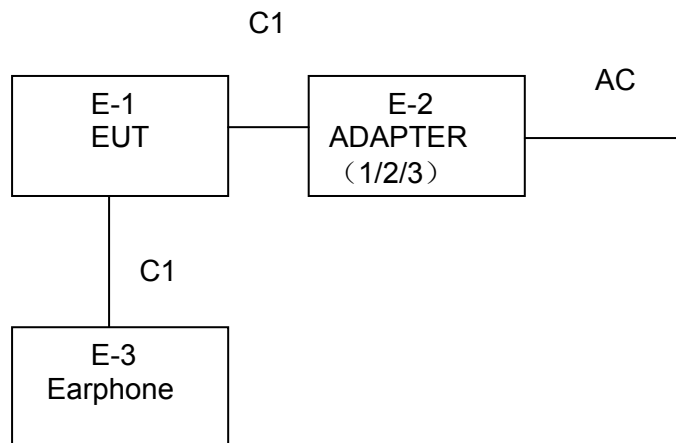
For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n CH1/ CH6/ CH11
Mode 4	802.11n(40) CH3/ CH6/ CH9

Note:

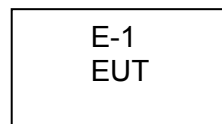
- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Emission Test



Radiated Spurious Emission Test



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	AOC Tablet	AOC	MW0712	N/A	EUT
E-2	Adapter1	N/A	DSA-15P-05	N/A	
E-3	Adapter2	N/A	DSA-12PFA-05	N/A	
E-4	Adapter3	N/A	SW013UF-0500150US	N/A	
E-5	Earphone	N/A	236	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C1	NO	NO	1.0M	
C2	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.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2012.07.06	2013.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2012.06.07	2013.06.06	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2012.07.06	2013.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2012.06.07	2013.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2012.06.07	2013.06.06	1 year
6	Horn Antenna	EM	EM-AH-10180	2011071402	2012.07.06	2013.07.05	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2012.07.06	2013.07.05	1 year
8	Amplifier	EM	EM-30180	060538	2012.12.22	2013.12.21	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2012.06.08	2013.06.07	1 year
10	Power Meter	R&S	NRVS	100696	2012.07.06	2013.07.05	1 year
11	Power Sensor	R&S	URV5-Z4	0395.1619.05	2012.07.06	2013.07.05	1 year

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2012.06.06	2013.06.05	1 year
2	LISN	R&S	ENV216	101313	2012.08.24	2013.08.23	1 year
3	LISN	EMCO	3816/2	00042990	2012.08.24	2013.08.23	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2012.06.07	2013.06.06	1 year
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	2012.06.07	2013.06.06	1 year
6	Absorbing clamp	R&S	MOS-21	100423	2012.06.08	2013.06.07	1 year

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

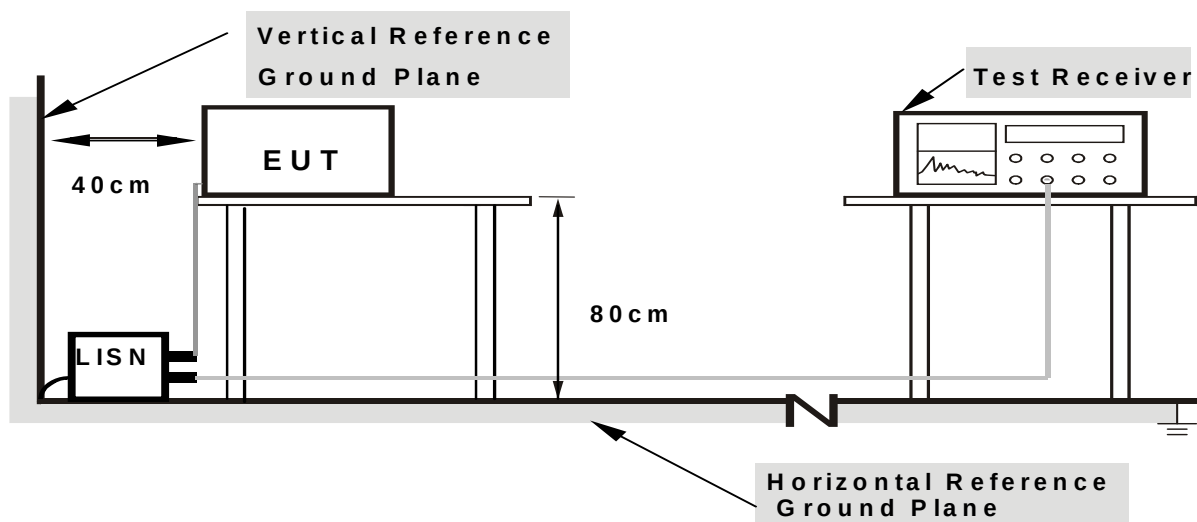
3.1.2 TEST PROCEDURE

- 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 cm 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

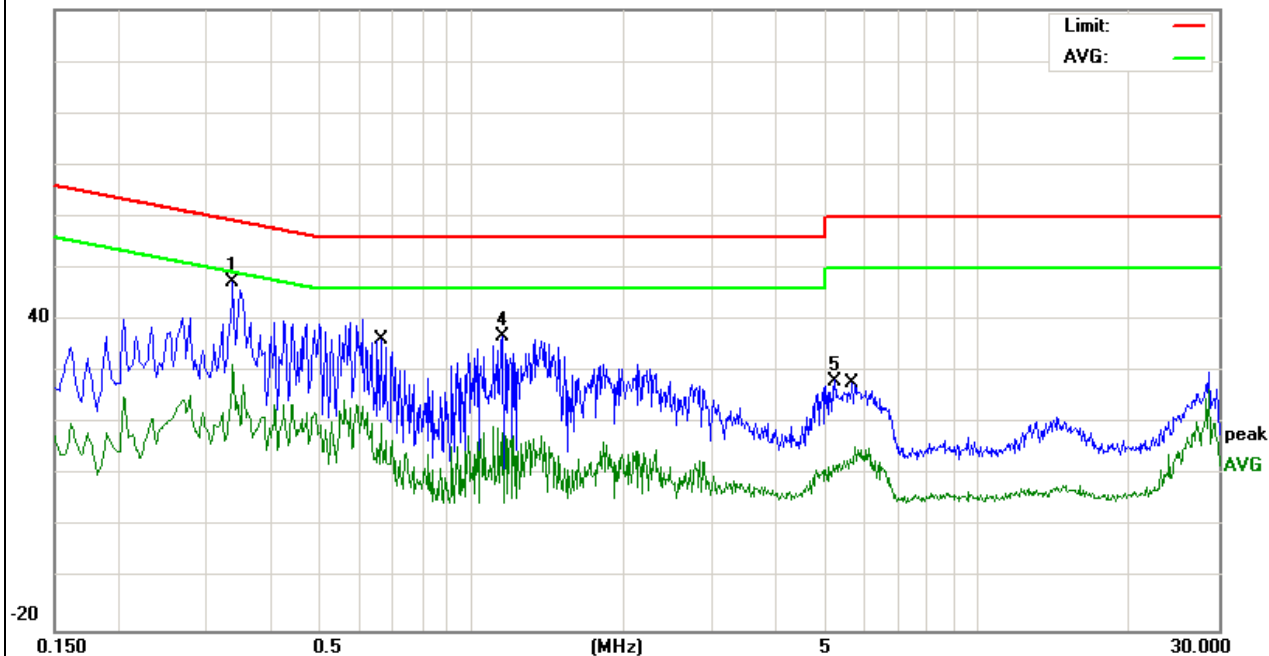
EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter1)	Test Mode :	Mode 5

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Detector Type
0.3379	37.84	9.63	47.47	59.25	-11.78	peak
0.3379	21.9	9.63	31.53	49.25	-17.72	AVG
0.662	10.32	9.62	19.94	46	-26.06	AVG
1.15	27.04	9.67	36.71	56	-19.29	peak
5.242	18.59	9.71	28.3	60	-31.7	peak
5.742	5.83	9.72	15.55	50	-34.45	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

100.0 dBμV

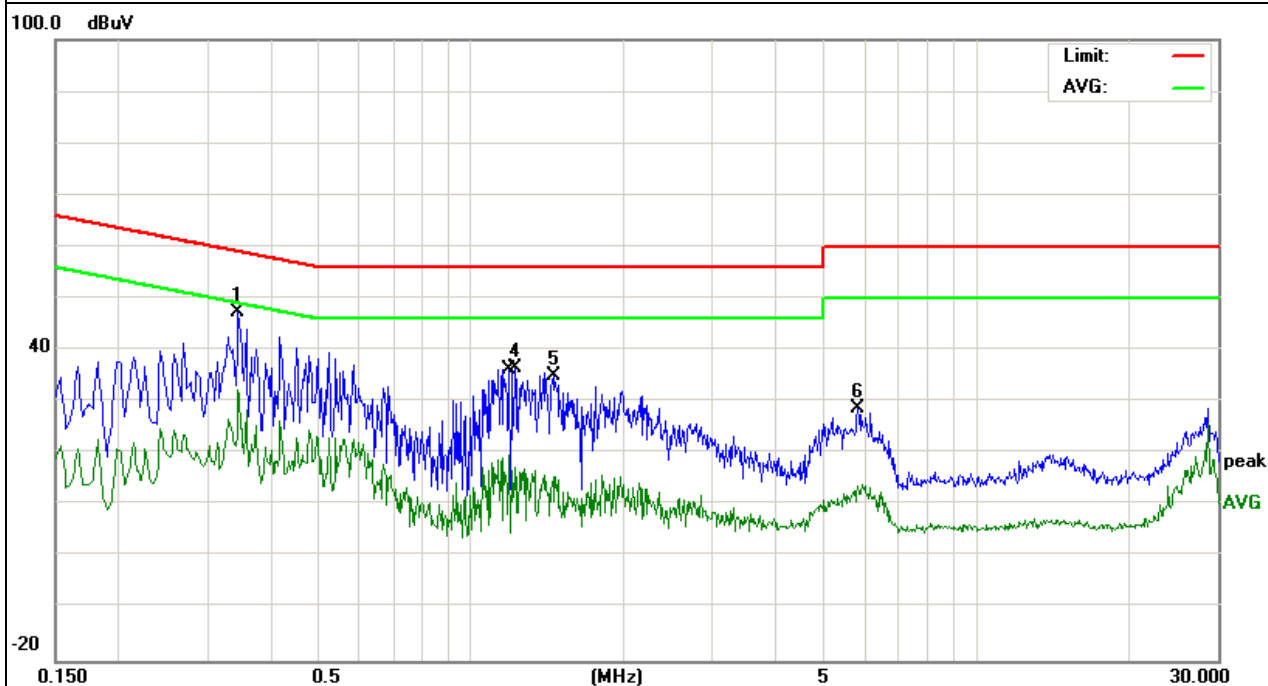


EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter1)	Test Mode :	Mode 5

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.346	37.83	9.63	47.46	59.06	-11.6	peak
0.346	22.74	9.63	32.37	49.06	-16.69	AVG
1.19	9.99	9.63	19.62	46	-26.38	AVG
1.222	26.97	9.63	36.6	56	-19.4	peak
1.454	25.49	9.63	35.12	56	-20.88	peak
5.814	18.96	9.71	28.67	60	-31.33	peak

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



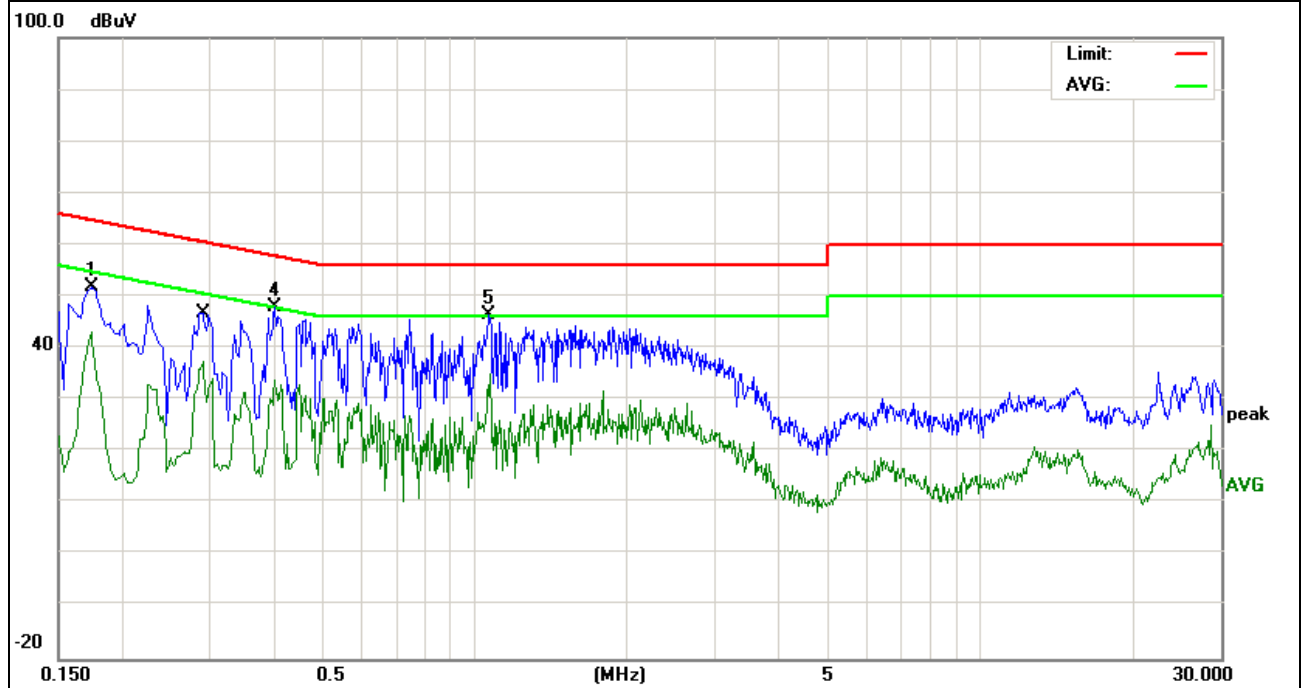


EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter2)	Test Mode :	Mode 6

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.174	42.1	9.75	51.85	64.76	-12.91	peak
0.174	33.47	9.75	43.22	54.76	-11.54	AVG
0.29	27.66	9.64	37.3	50.52	-13.22	AVG
0.402	38.3	9.62	47.92	57.81	-9.89	peak
1.07	36.88	9.63	46.51	56	-9.49	peak
1.074	25.33	9.63	34.96	46	-11.04	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



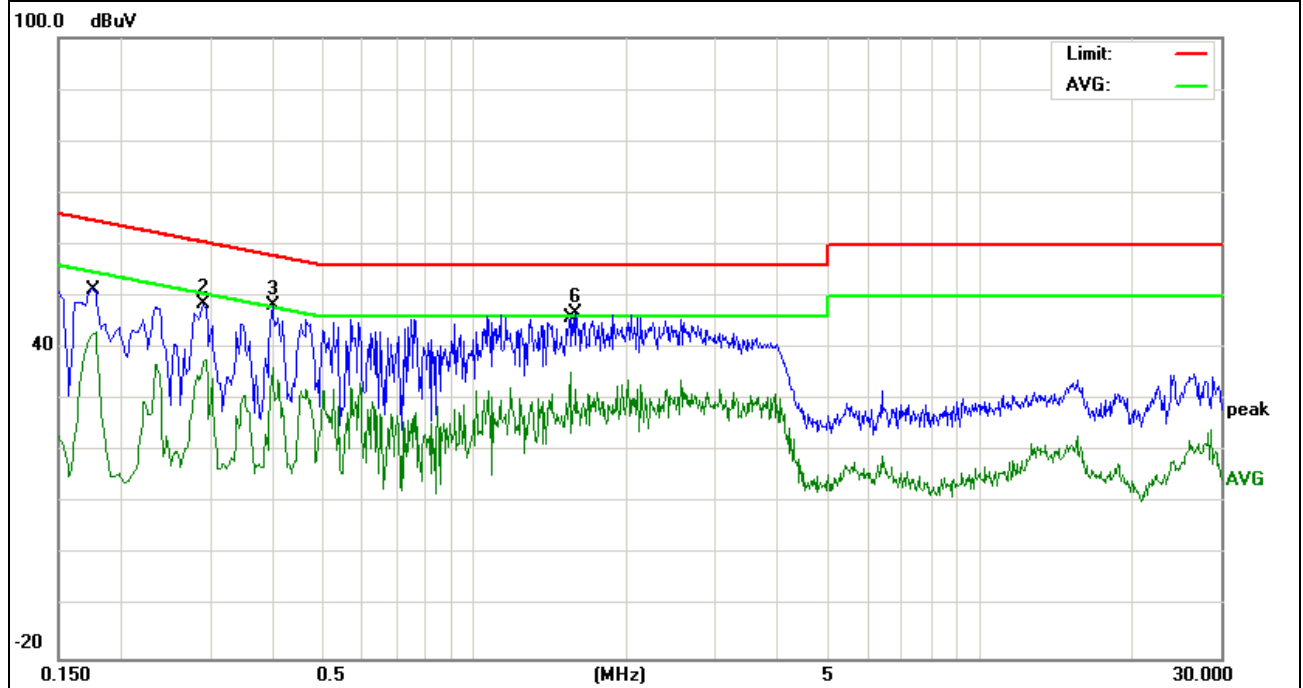


EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter2)	Test Mode :	Mode 6

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.178	33.35	9.72	43.07	54.57	-11.5	AVG
0.29	38.86	9.64	48.5	60.52	-12.02	peak
0.398	38.63	9.62	48.25	57.89	-9.64	peak
0.398	26.53	9.62	36.15	47.89	-11.74	AVG
1.55	25.77	9.64	35.41	46	-10.59	AVG
1.5859	37.12	9.64	46.76	56	-9.24	peak

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



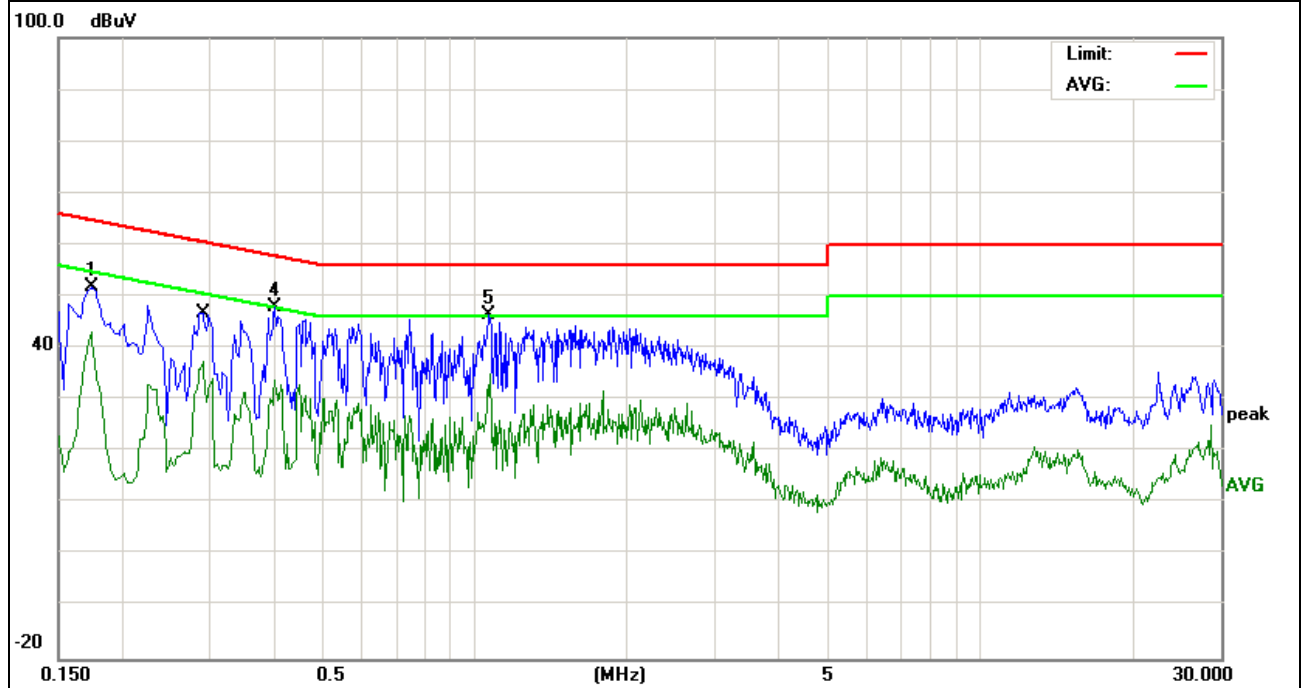


EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter2)	Test Mode :	Mode 7

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.174	42.1	9.75	51.85	64.76	-12.91	peak
0.174	33.47	9.75	43.22	54.76	-11.54	AVG
0.29	27.66	9.64	37.3	50.52	-13.22	AVG
0.402	38.3	9.62	47.92	57.81	-9.89	peak
1.07	36.88	9.63	46.51	56	-9.49	peak
1.074	25.33	9.63	34.96	46	-11.04	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



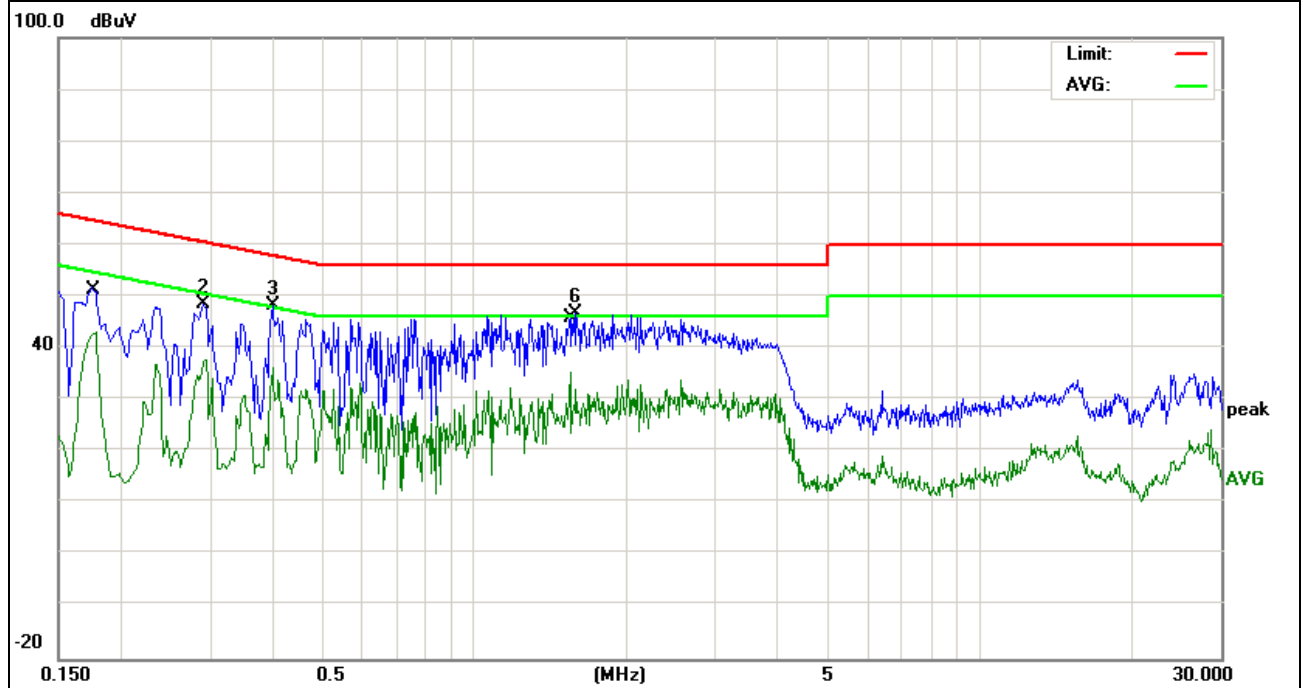


EUT :	AOC Tablet	Model Name. :	MW0713
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	DC 5V from adapter AC 120V/60Hz(adapter2)	Test Mode :	Mode 7

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.178	33.35	9.72	43.07	54.57	-11.5	AVG
0.29	38.86	9.64	48.5	60.52	-12.02	peak
0.398	38.63	9.62	48.25	57.89	-9.64	peak
0.398	26.53	9.62	36.15	47.89	-11.74	AVG
1.55	25.77	9.64	35.41	46	-10.59	AVG
1.5859	37.12	9.64	46.76	56	-9.24	peak

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



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 (microvolts/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:

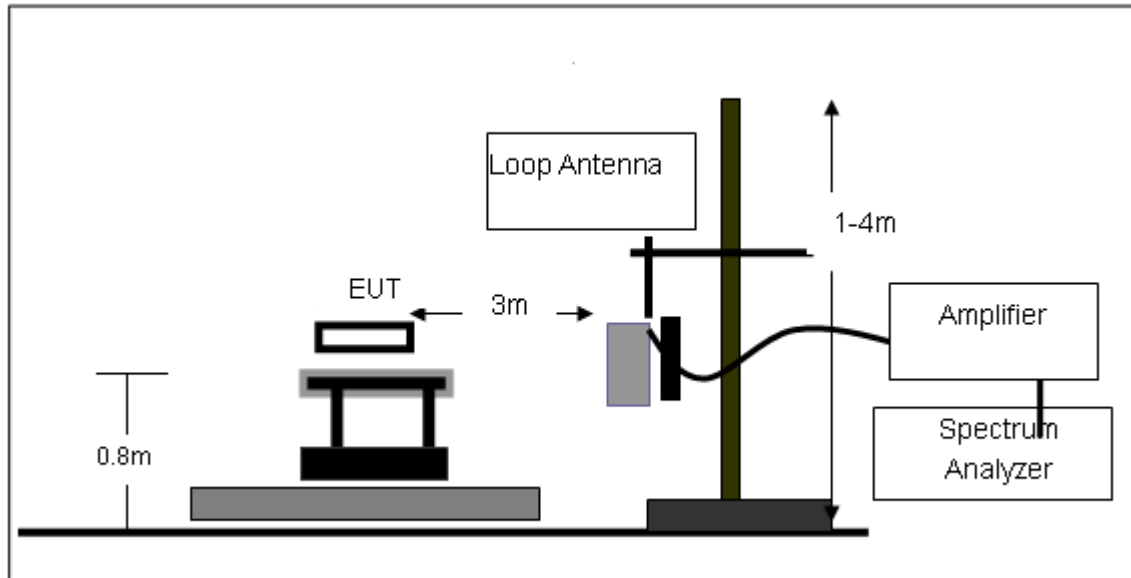
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.2.3 DEVIATION FROM TEST STANDARD

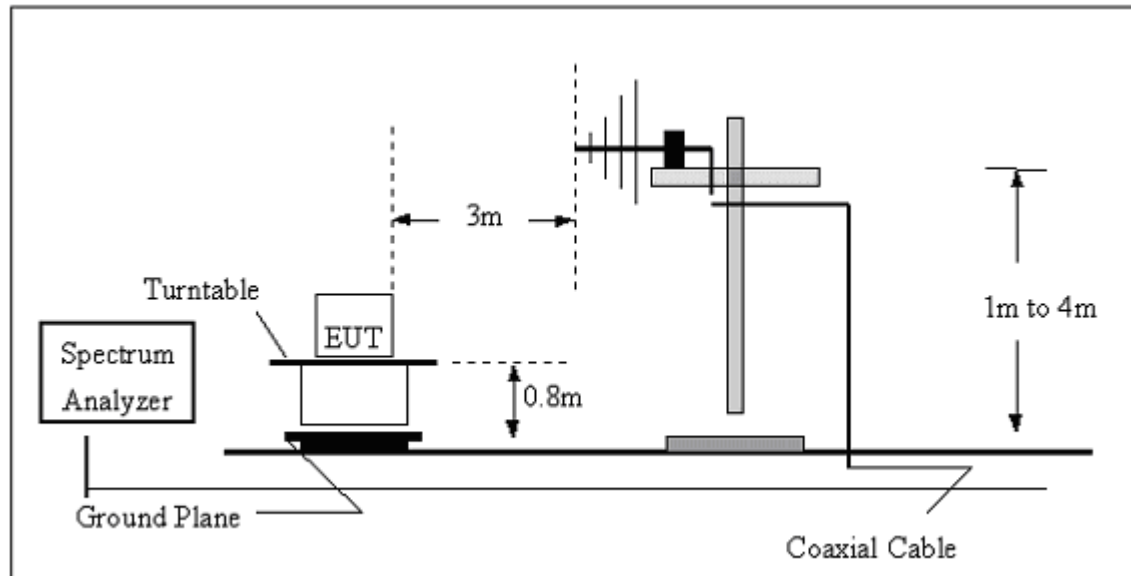
No deviation

3.2.4 TEST SETUP

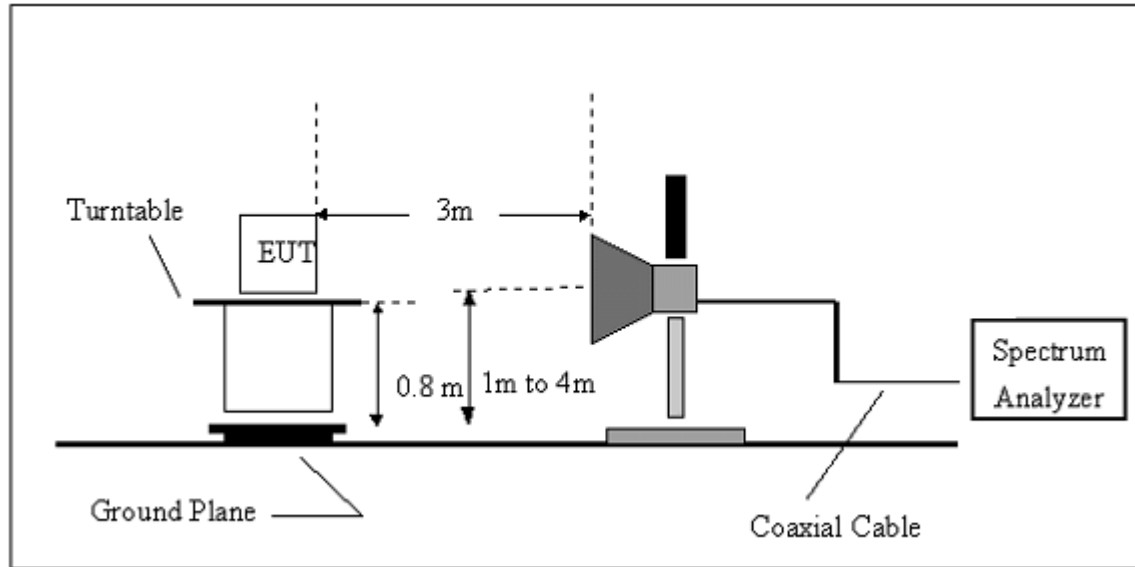
(A) Radiated Emission Test-Up Frequency Below 30MHz



(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:	AOC Tablet	Model Name. :	MW0713
Temperature:	20 °C	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
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 = $40 \log (\text{specific distance/test distance})(\text{dB})$;

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

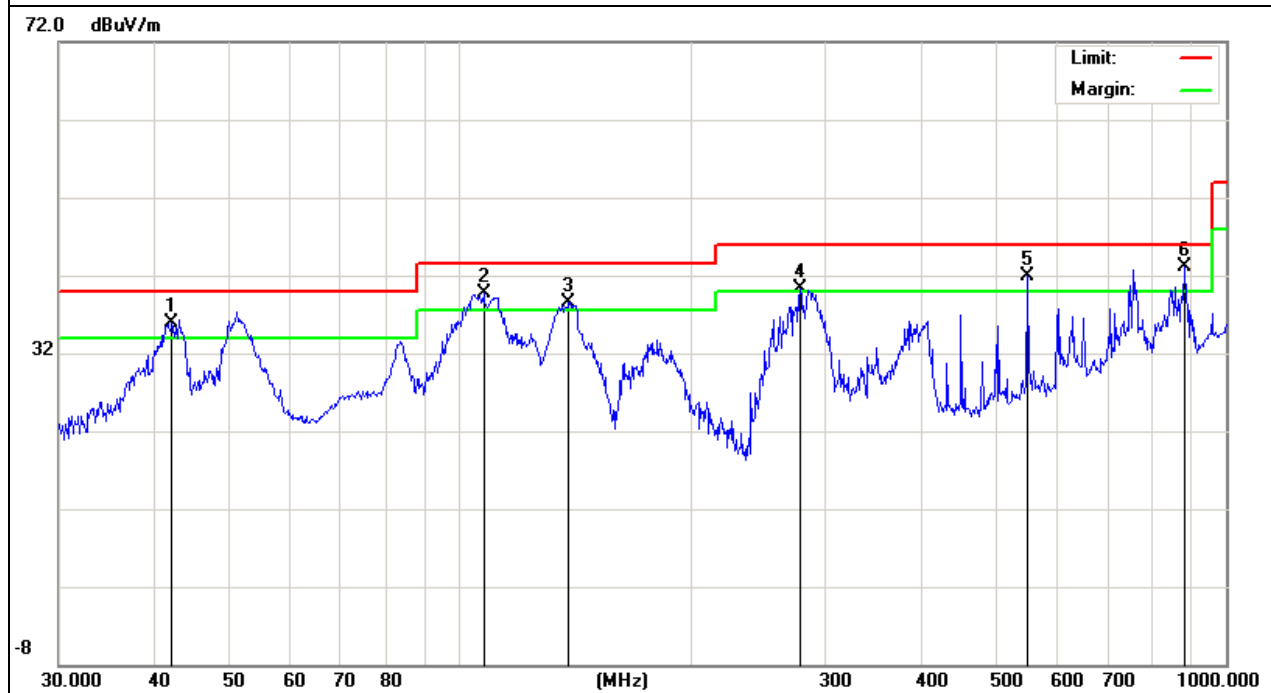
3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter1 AC 120V/60Hz
Test Mode :	TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
42.1542	23.87	12.13	36	40	-4	QP
107.51	28.45	11.17	39.62	43.5	-3.88	QP
138.8735	26.65	11.94	38.59	43.5	-4.91	QP
278.0668	27.01	13.37	40.38	46	-5.62	QP
550.9479	20.06	21.92	41.98	46	-4.02	QP
881.4067	17.86	25.2	43.06	46	-2.94	QP

Remark:

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

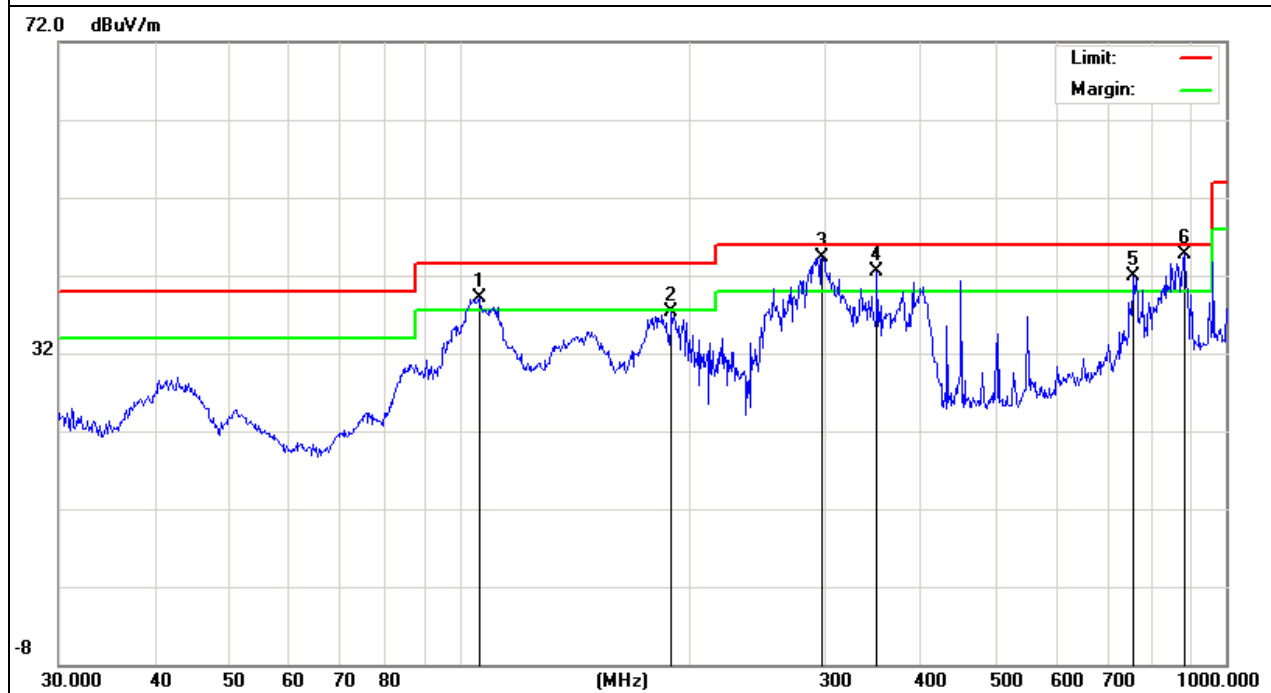


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter1 AC 120V/60Hz
Test Mode :	TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
106.0126	28.14	11.03	39.17	43.5	-4.33	QP
189.0741	28.36	8.86	37.22	43.5	-6.28	QP
297.2241	29.9	14.45	44.35	46	-1.65	QP
350.4768	27.16	15.38	42.54	46	-3.46	QP
758.0407	17.46	24.36	41.82	46	-4.18	QP
881.4067	19.5	25.2	44.7	46	-1.3	QP

Remark:

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

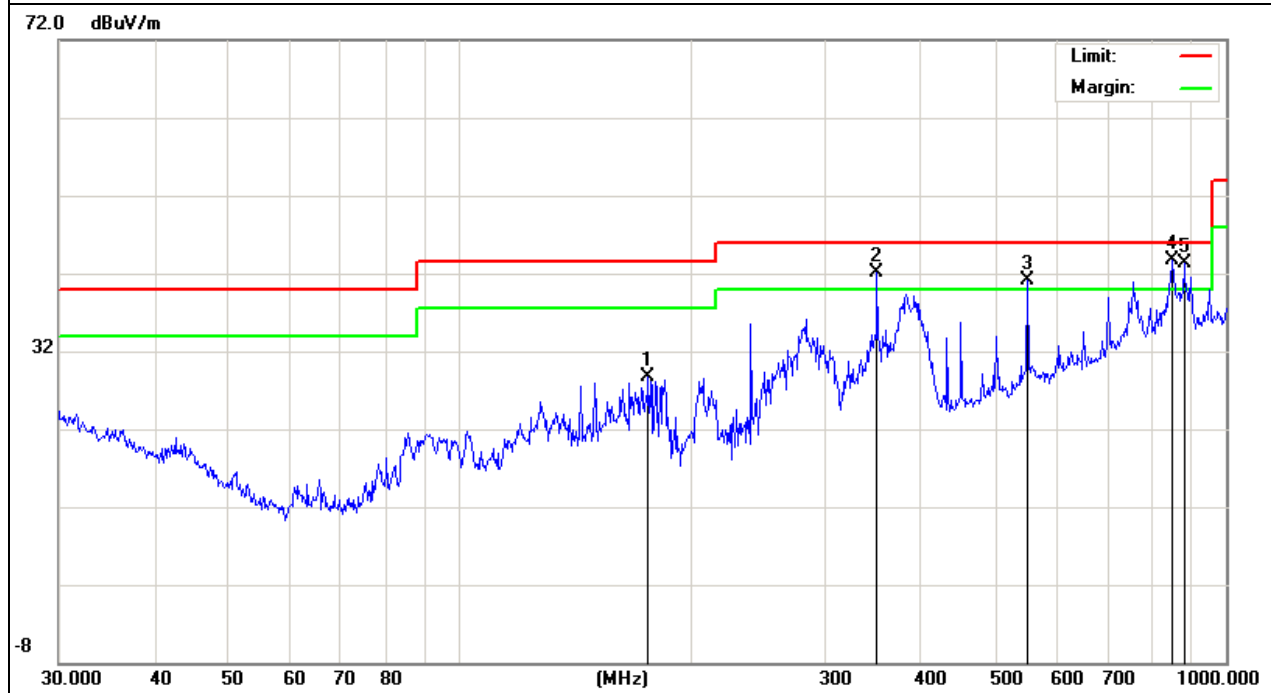


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter2 AC 120V/60Hz
Test Mode :	TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
176.2686	18.67	10.08	28.75	43.5	-14.75	QP
350.4768	25.71	16.35	42.06	46	-3.94	QP
550.948	17.39	23.68	41.07	46	-4.93	QP
851.0353	16.13	27.54	43.67	46	-2.33	QP
881.4067	15.96	27.3	43.26	46	-2.74	QP

Remark:

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

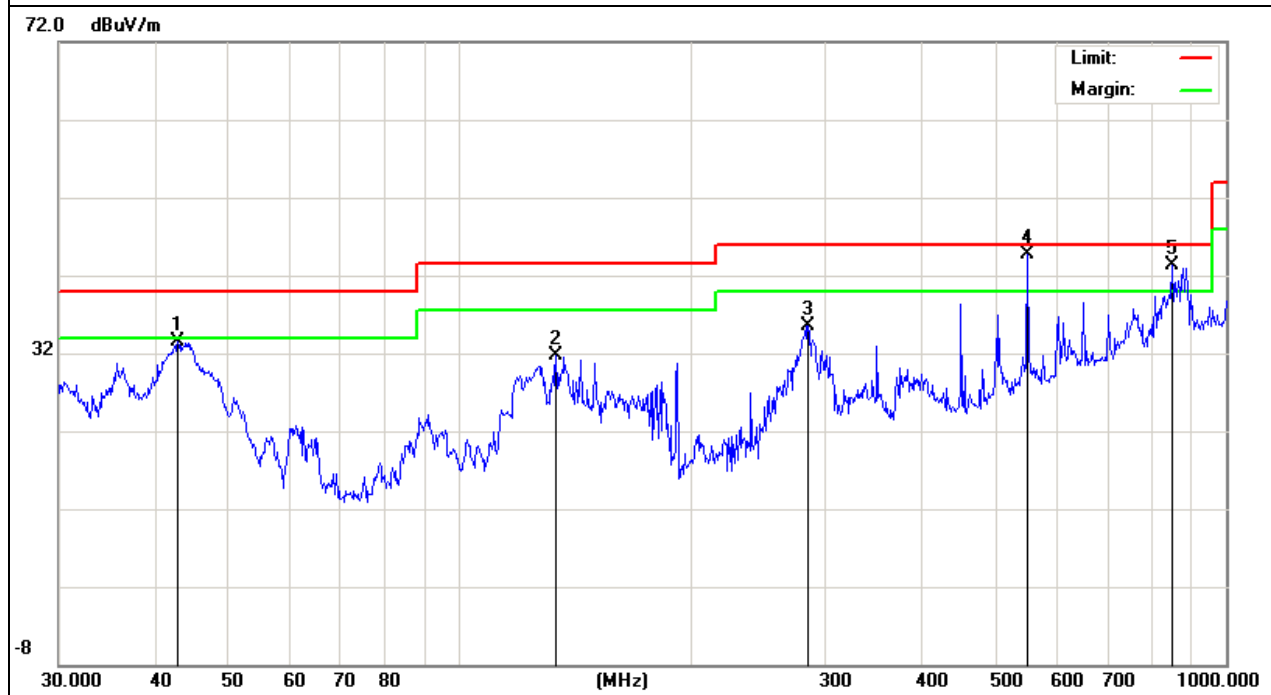


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter2 AC 120V/60Hz
Test Mode :	TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
42.8998	21.75	11.75	33.5	40	-6.5	QP
133.6188	19.4	12.23	31.63	43.5	-11.87	QP
284.9767	21.37	14.16	35.53	46	-10.47	QP
550.948	20.93	23.68	44.61	46	-1.39	QP
851.0353	15.77	27.54	43.31	46	-2.69	QP

Remark:

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

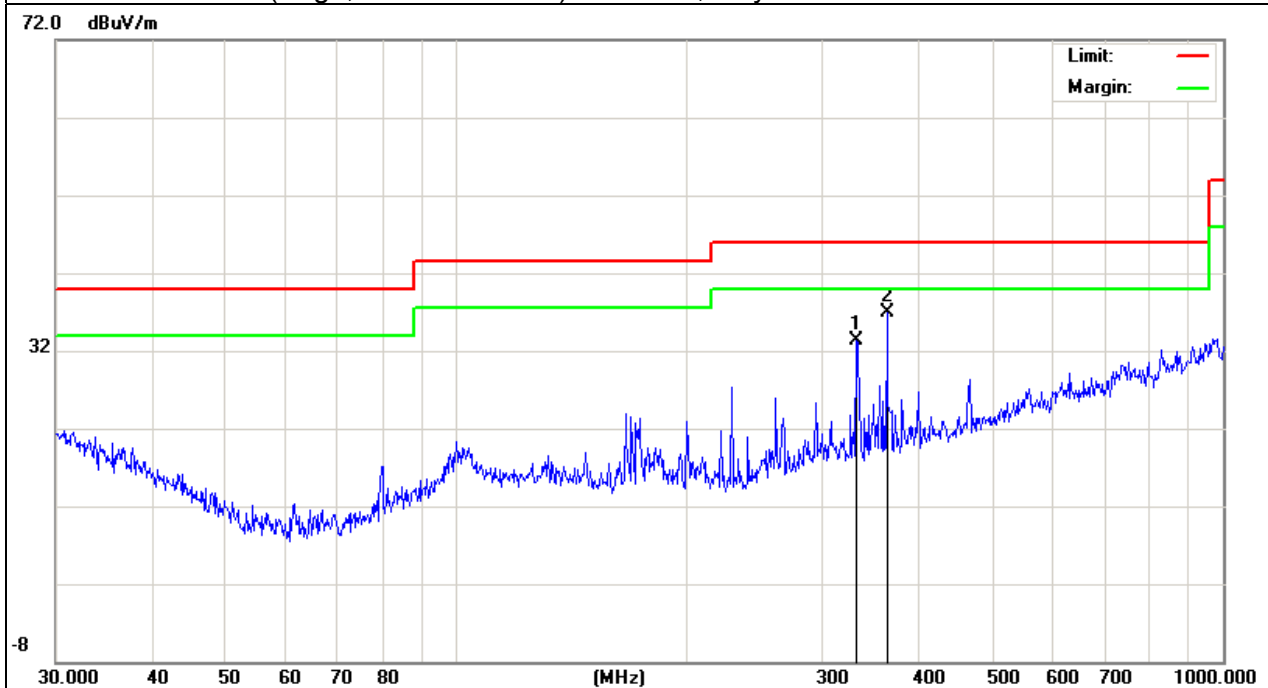


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter3 AC 120V/60Hz
Test Mode :	TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
332.5187	18.4	14.99	33.39	46	-12.61	peak
364.2595	21.11	15.7	36.81	46	-9.19	peak

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- Three channels (High, middel and low) be tested, only the worst data was shown.

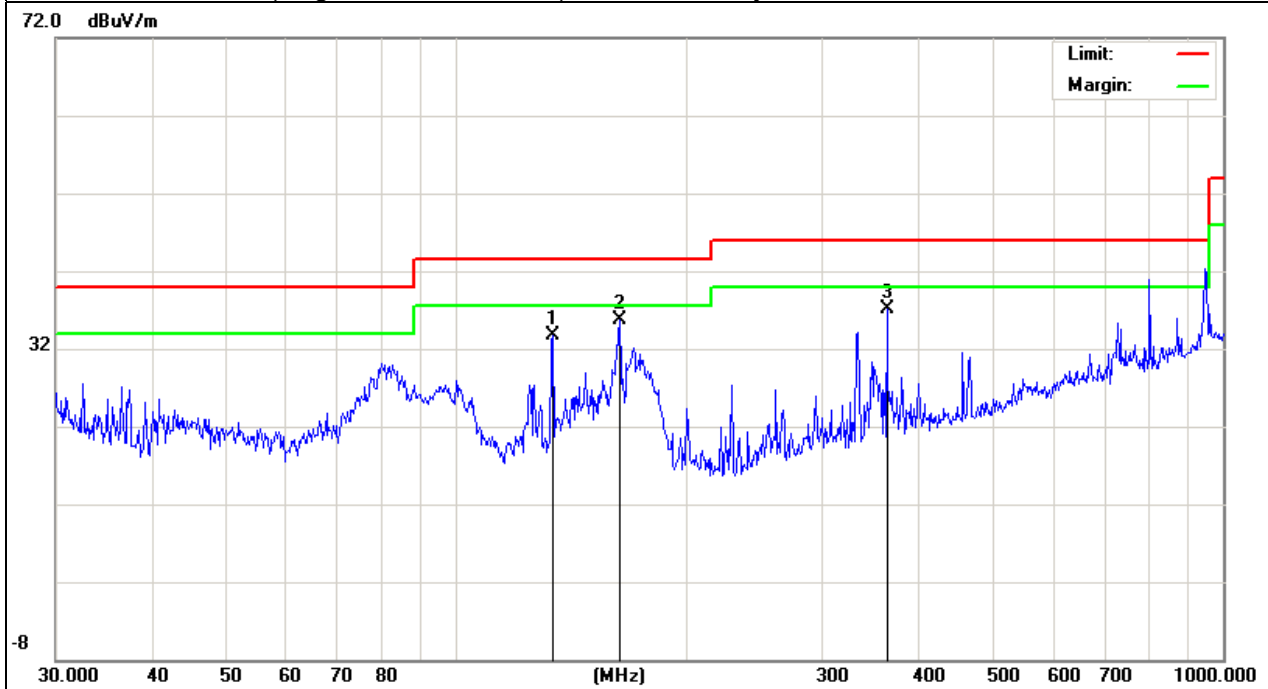


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter3 AC 120V/60Hz
Test Mode :	TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
133.6188	21.79	11.96	33.75	43.5	-9.75	peak
163.1818	25.27	10.52	35.79	43.5	-7.71	peak
364.2595	21.37	15.7	37.07	46	-8.93	peak

Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- Three channels (High, middel and low) be tested, only the worst data was shown.



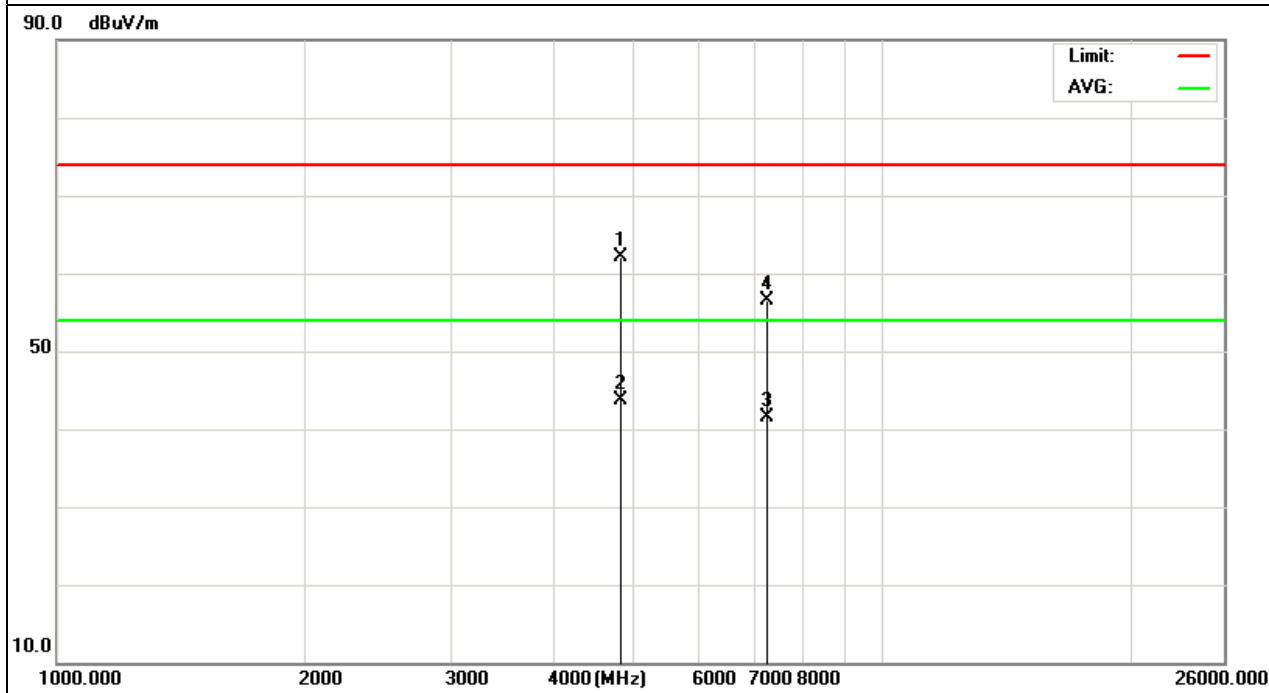
3.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1 (802.11b Mode)/2412	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4824.134	51.73	10.44	62.17	74	-11.83	peak
4824.134	33.18	10.44	43.62	54	-10.38	AVG
7236.236	29.13	12.39	41.52	54	-12.48	AVG
7236.263	44.15	12.39	56.54	74	-17.46	peak

Remark:

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



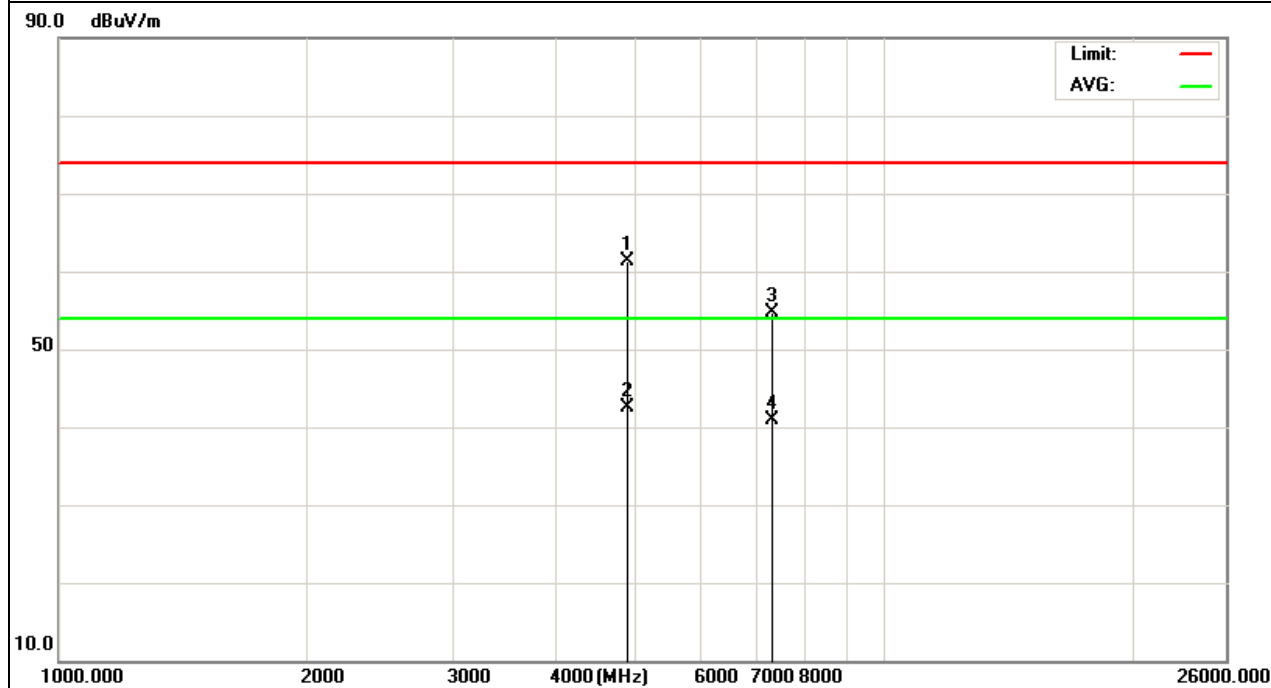


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1 (802.11b Mode)/2412	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.134	50.95	10.4	61.35	74	-12.65	peak
4824.134	32.2	10.4	42.6	54	-11.4	AVG
7236.236	41.99	12.75	54.74	74	-19.26	peak
7236.263	28.14	12.75	40.89	54	-13.11	AVG

Remark:

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



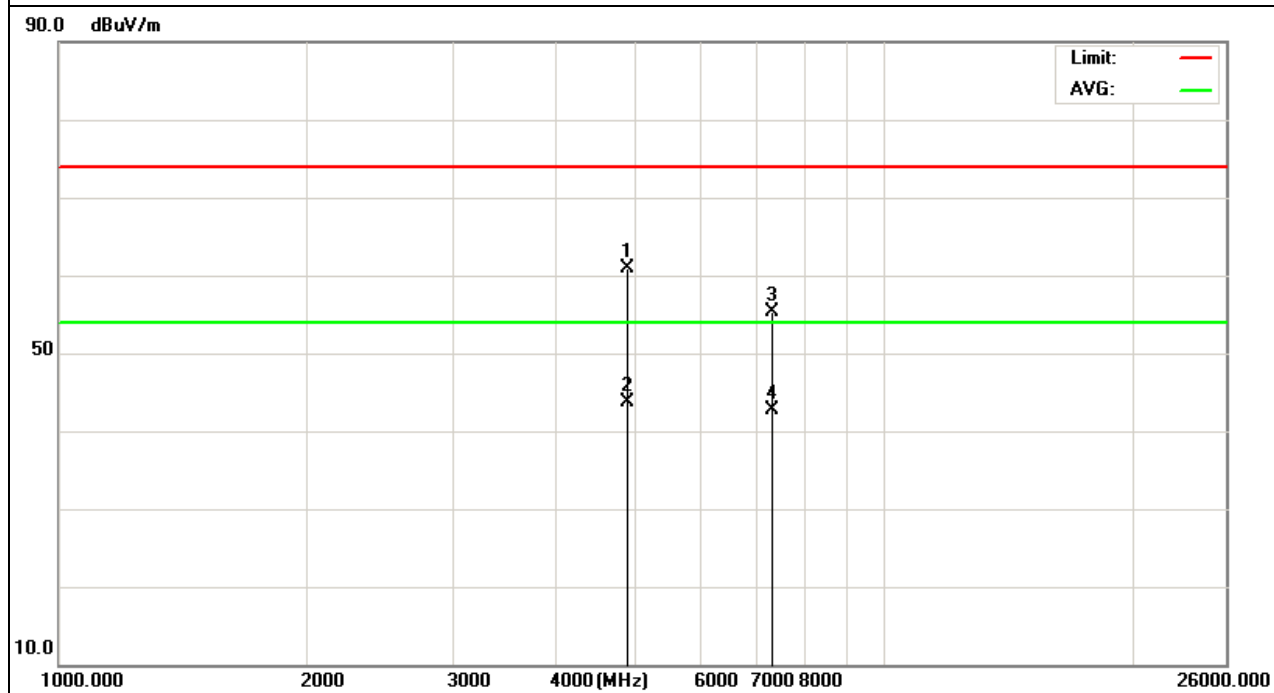


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6 (802.11b Mode)/2437	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.212	50.55	10.4	60.95	74	-13.05	peak
4874.212	33.37	10.4	43.77	54	-10.23	AVG
7311.532	42.64	12.75	55.39	74	-18.61	peak
7311.532	29.93	12.75	42.68	54	-11.32	AVG

Remark:

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

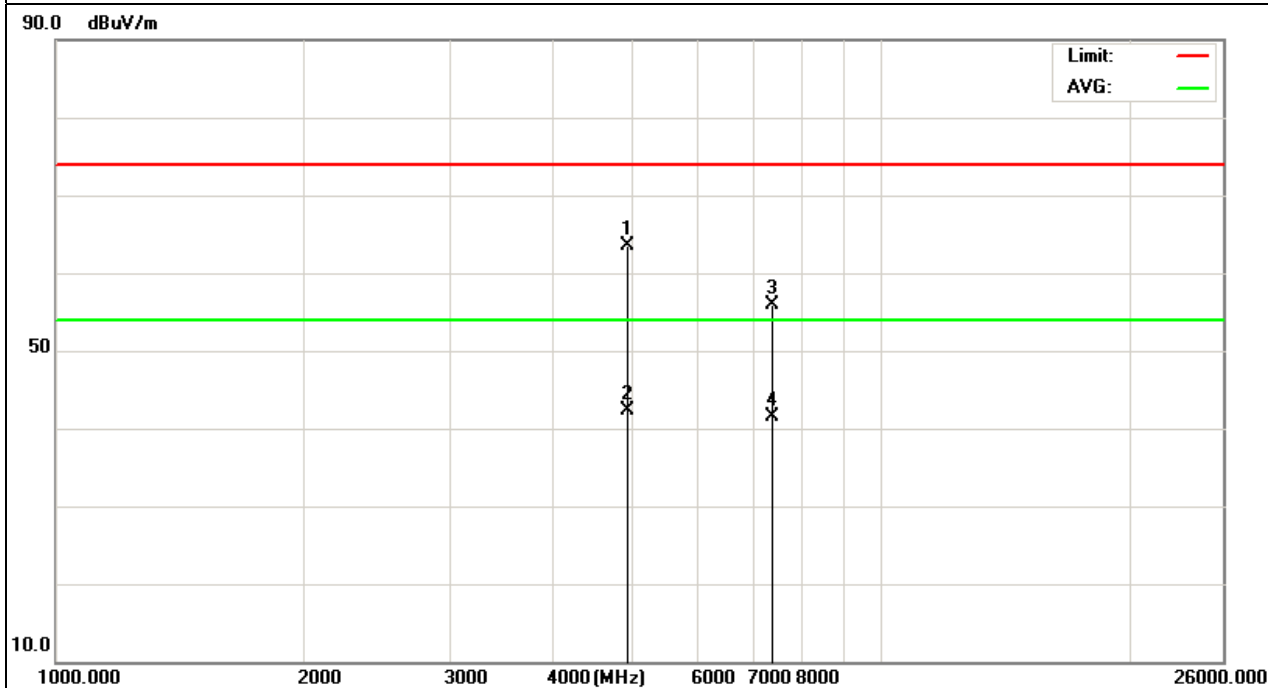


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6 (802.11b Mode)/2437	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.212	53.06	10.39	63.45	74	-10.55	peak
4874.212	31.93	10.44	42.37	54	-11.63	AVG
7311.532	43.14	12.68	55.82	74	-18.18	peak
7311.532	28.86	12.68	41.54	54	-12.46	AVG

Remark:

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



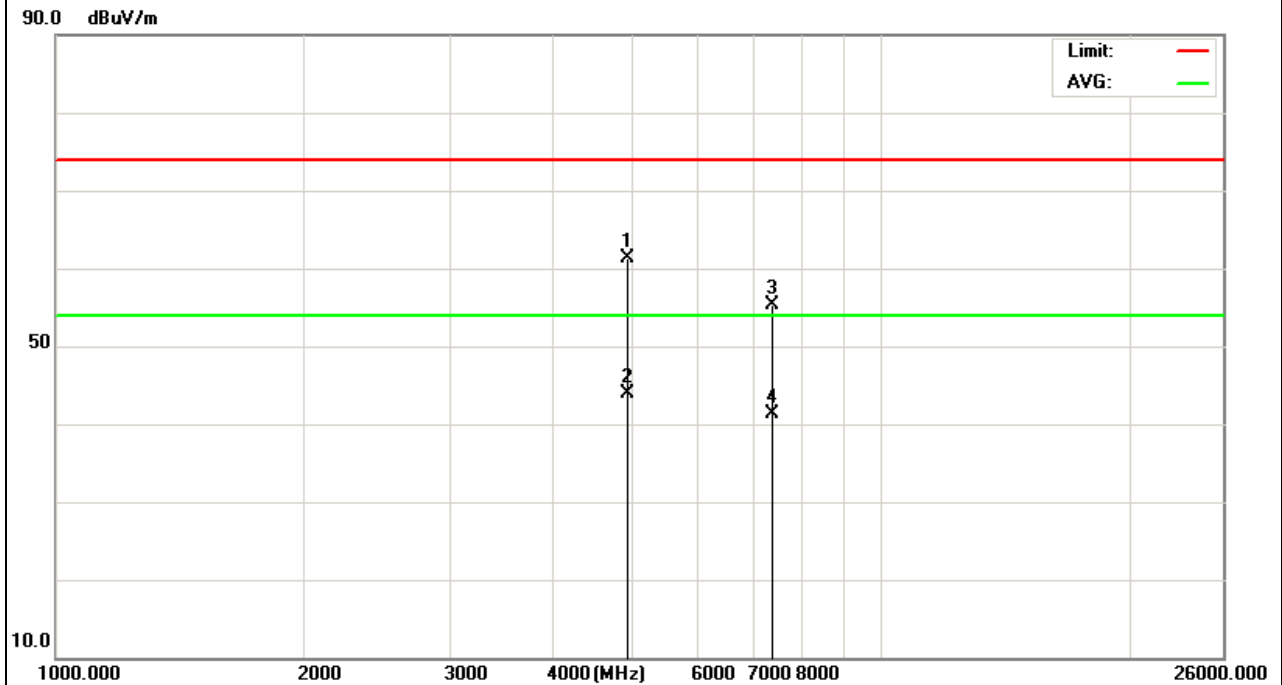


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11 (802.11b Mode)/2462	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.175	50.99	10.39	61.38	74	-12.62	peak
4924.175	33.55	10.39	43.94	54	-10.06	AVG
7386.365	42.58	12.69	55.27	74	-18.73	peak
7386.365	28.62	12.69	41.31	54	-12.69	AVG

Remark:

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



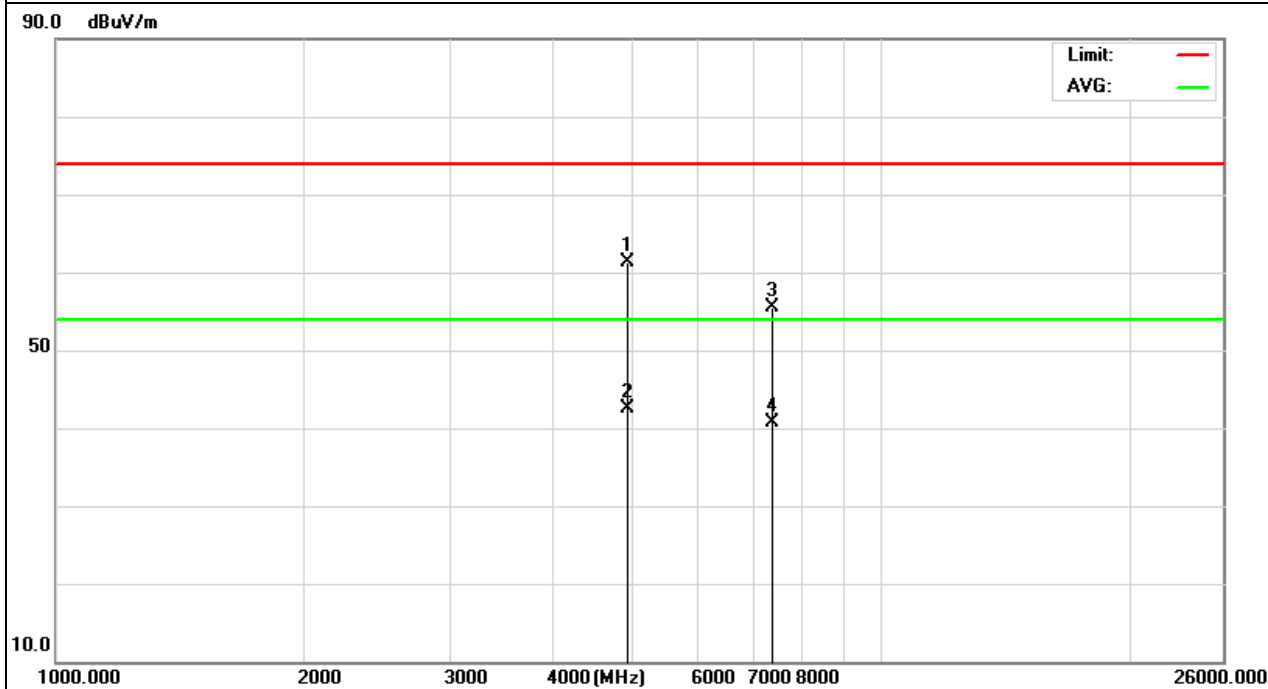


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11 (802.11b Mode)/2462	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.168	50.91	10.39	61.3	74	-12.7	peak
4924.168	32.06	10.39	42.45	54	-11.55	AVG
7386.122	42.76	12.68	55.44	74	-18.56	peak
7386.122	27.95	12.68	40.63	54	-13.37	AVG

Remark:

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



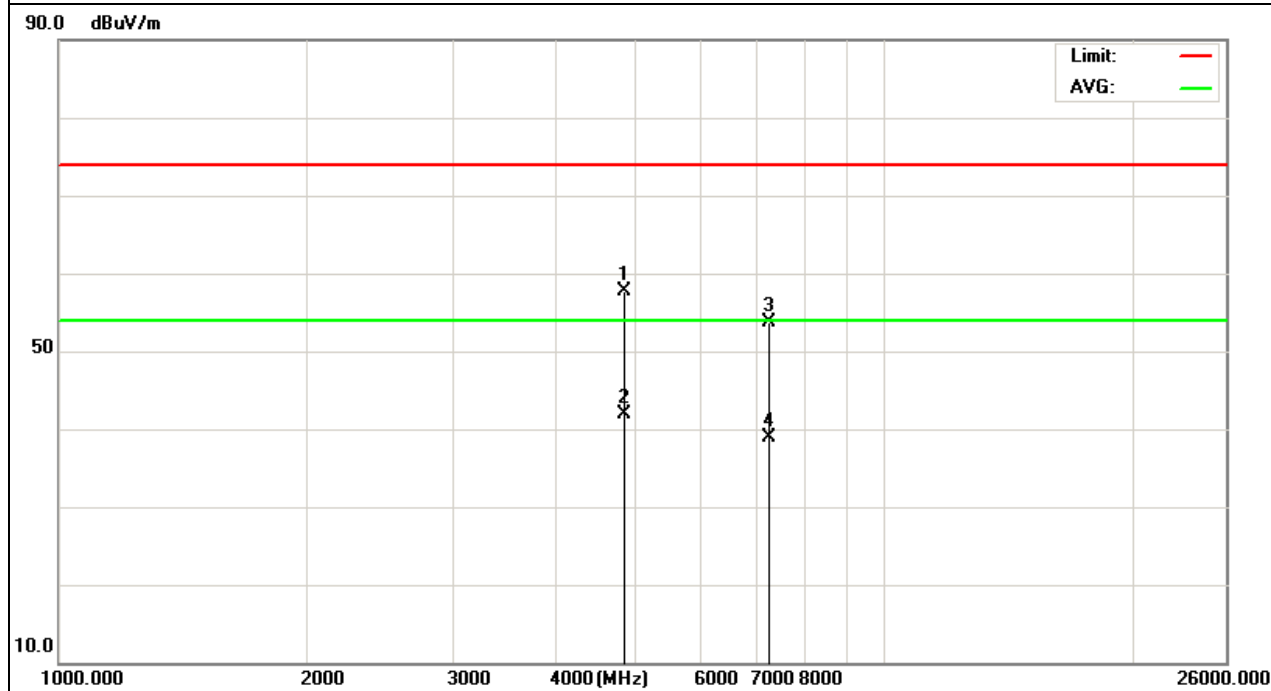


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1 (802.11g Mode)/2412	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.366	47.19	10.44	57.63	74	-16.37	peak
4824.366	31.41	10.44	41.85	54	-12.15	AVG
7236.574	41.23	12.39	53.62	74	-20.38	peak
7236.574	26.47	12.39	38.86	54	-15.14	AVG

Remark:

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



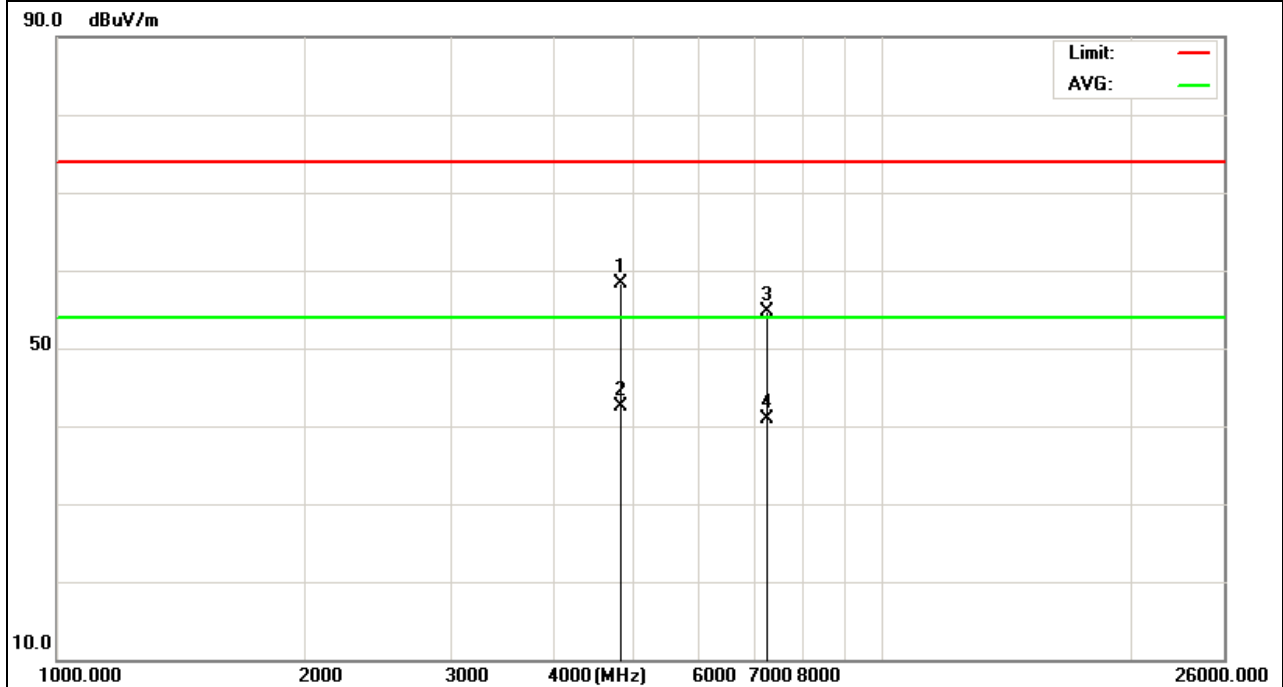


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1 (802.11g Mode)/2412	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.264	47.94	10.44	58.38	74	-15.62	peak
4824.264	32.03	10.44	42.47	54	-11.53	AVG
7236.144	42.23	12.39	54.62	74	-19.38	peak
7236.144	28.42	12.39	40.81	54	-13.19	AVG

Remark:

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



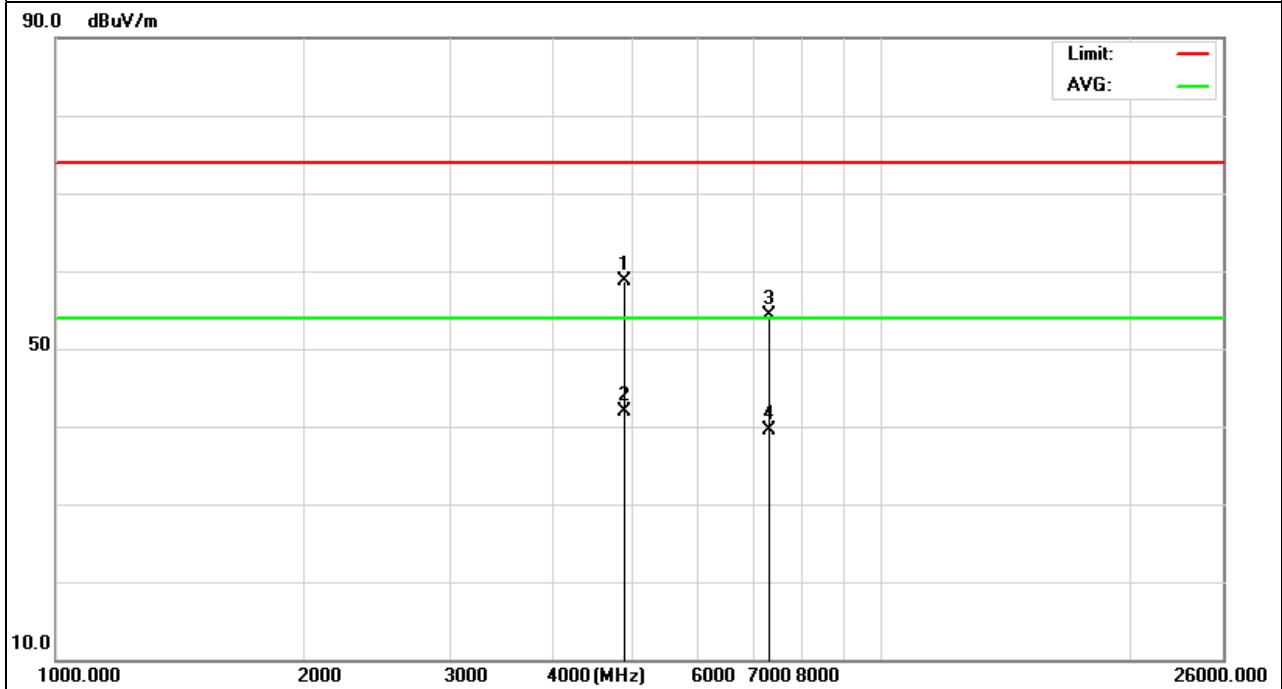


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6 (802.11g Mode)/2437	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.433	48.21	10.4	58.61	74	-15.39	peak
4874.433	31.45	10.4	41.85	54	-12.15	AVG
7311.273	41.53	12.75	54.28	74	-19.72	peak
7311.273	26.72	12.75	39.47	54	-14.53	AVG

Remark:

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



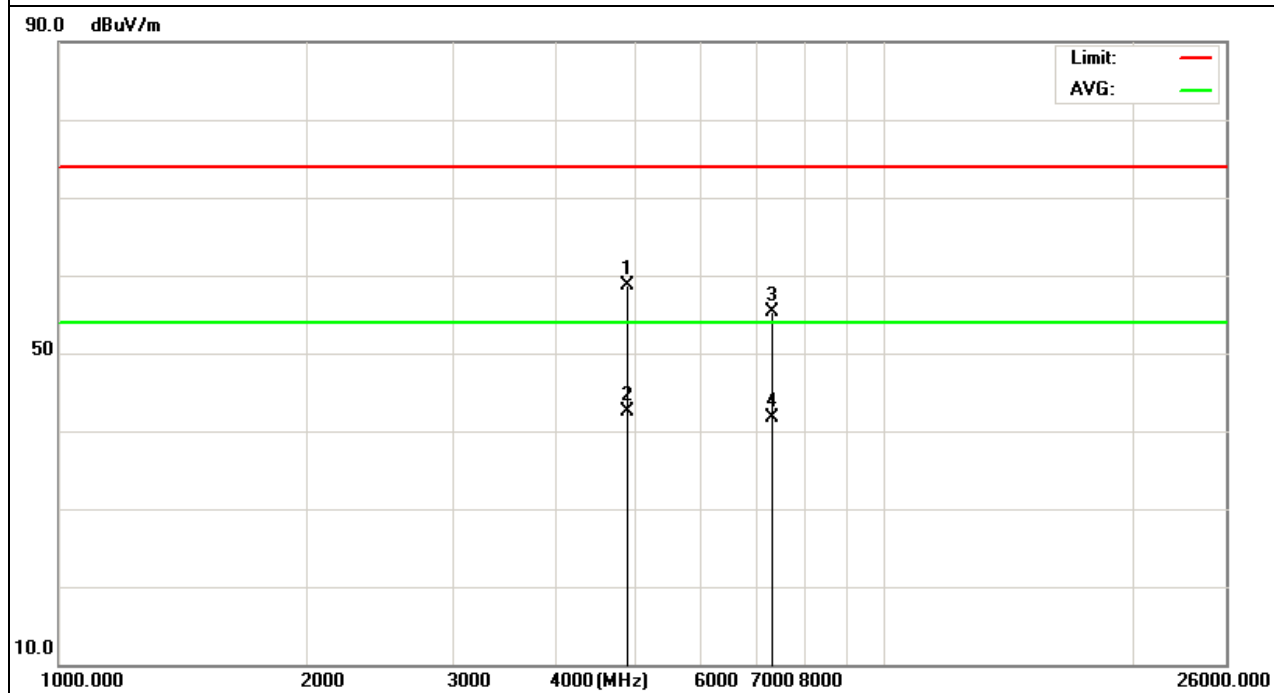


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6 (802.11g Mode)/2437	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.156	48.28	10.4	58.68	74	-15.32	peak
4874.156	32.17	10.4	42.57	54	-11.43	AVG
7311.244	42.6	12.75	55.35	74	-18.65	peak
7311.244	28.87	12.75	41.62	54	-12.38	AVG

Remark:

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



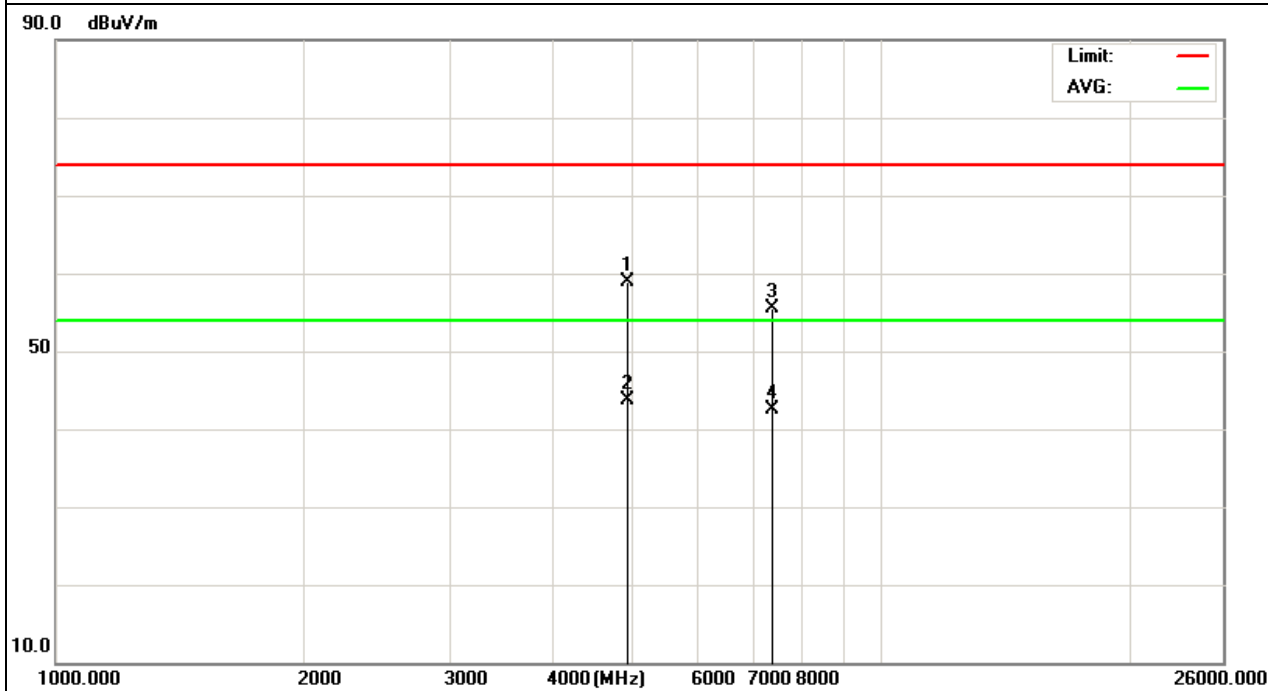


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11 (802.11g Mode)/2462	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.245	48.43	10.39	58.82	74	-15.18	peak
4924.245	33.23	10.39	43.62	54	-10.38	AVG
7386.374	42.75	12.69	55.44	74	-18.56	peak
7386.374	29.87	12.69	42.56	54	-11.44	AVG

Remark:

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



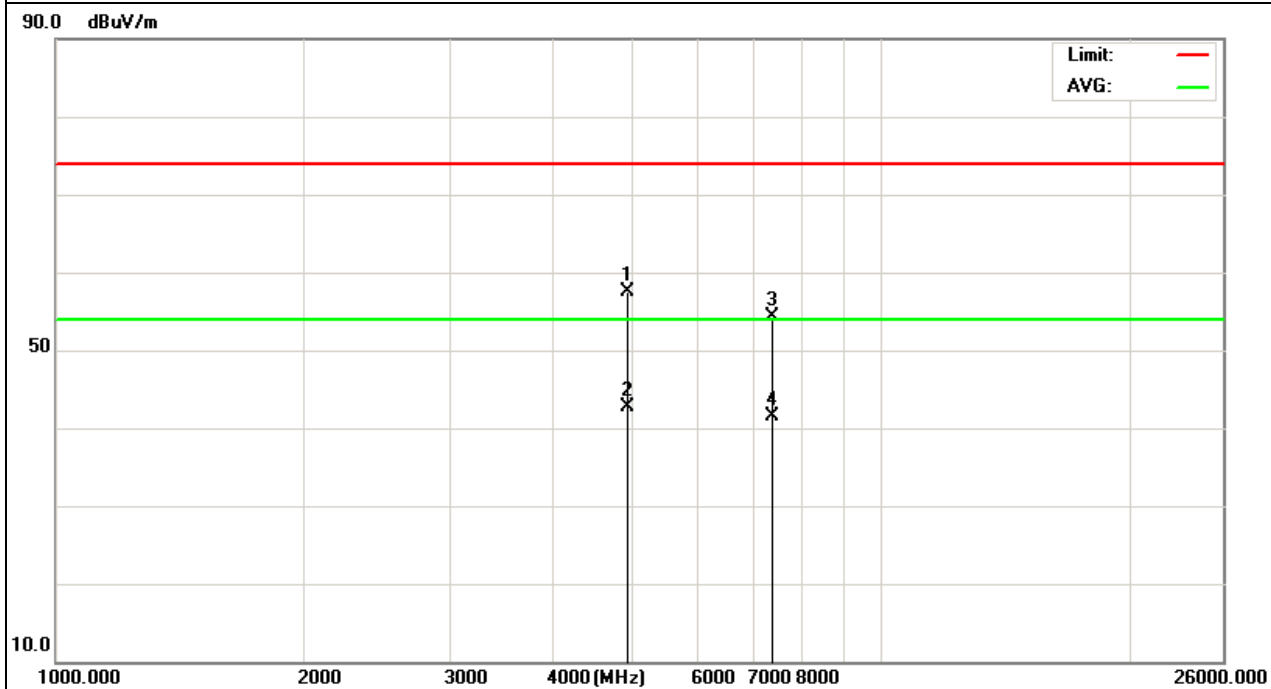


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11g Mode)/2462	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.148	47.19	10.39	57.58	74	-16.42	peak
4924.148	32.23	10.39	42.62	54	-11.38	AVG
7386.236	41.65	12.68	54.33	74	-19.67	peak
7386.236	28.78	12.68	41.46	54	-12.54	AVG

Remark:

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



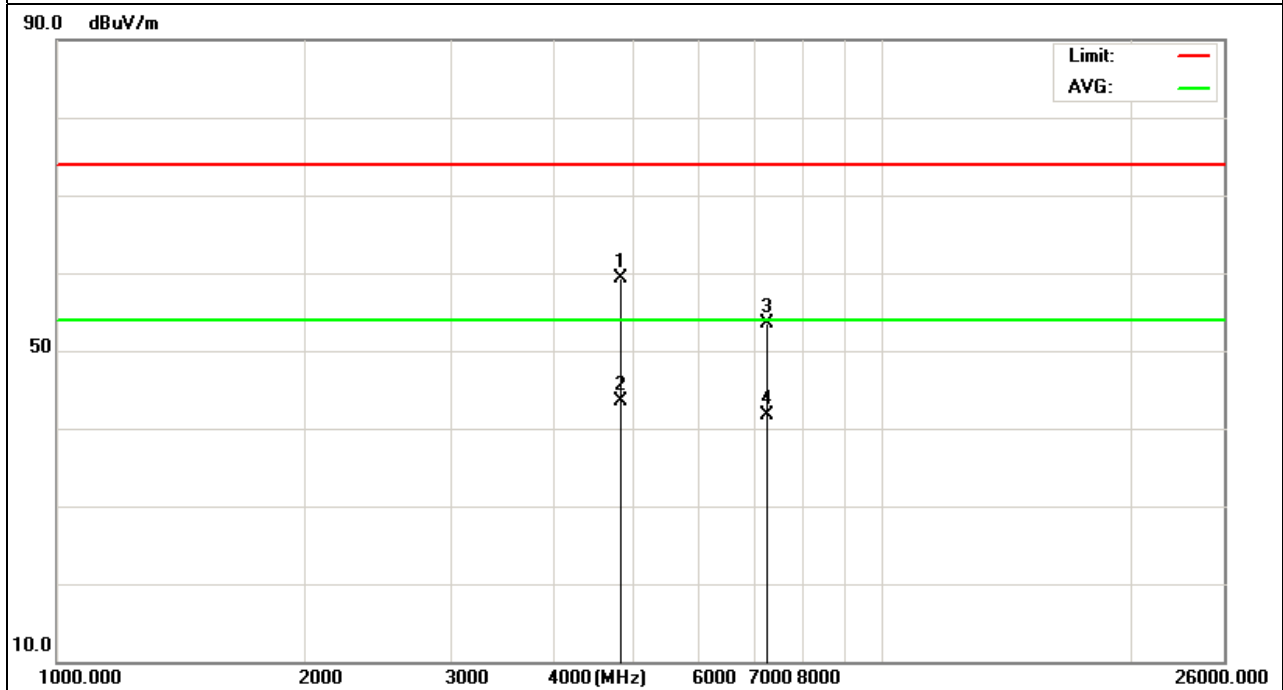


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.248	48.88	10.44	59.32	74	-14.68	peak
4824.248	33	10.44	43.44	54	-10.56	AVG
7236.379	41.18	12.39	53.57	74	-20.43	peak
7236.379	29.3	12.39	41.69	54	-12.31	AVG

Remark:

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



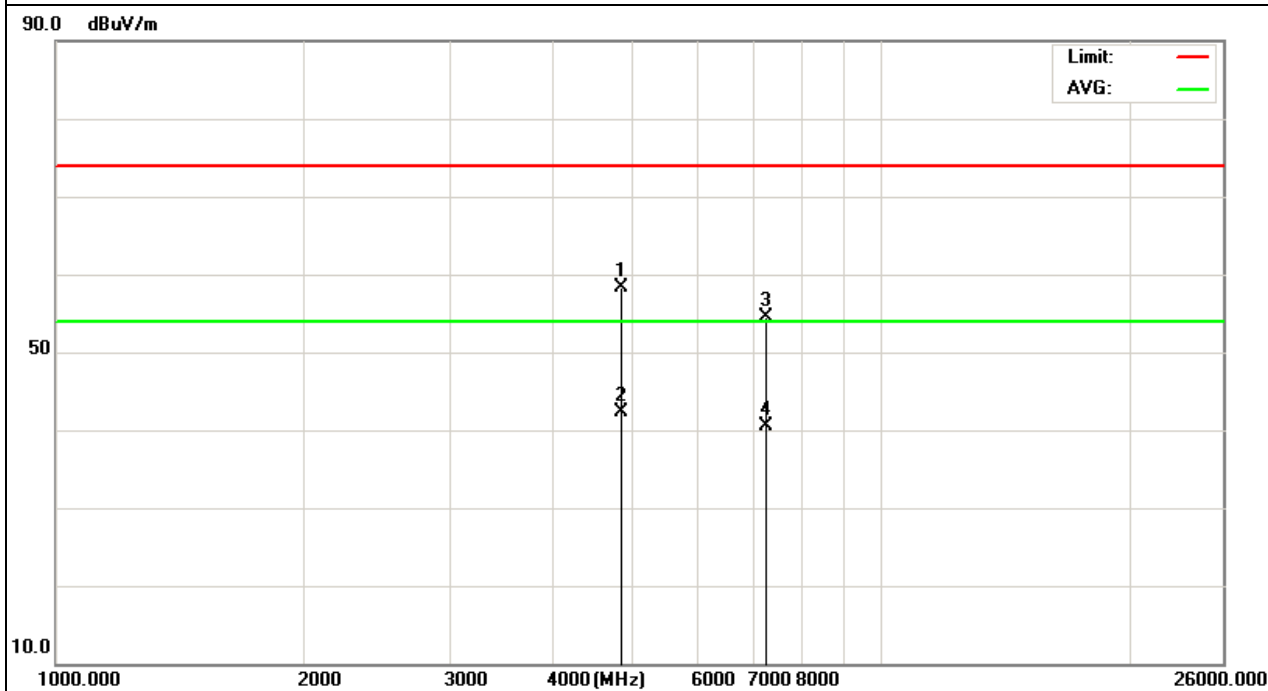


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.438	47.81	10.44	58.25	74	-15.75	peak
4824.438	31.93	10.44	42.37	54	-11.63	AVG
7236.219	42.1	12.39	54.49	74	-19.51	peak
7236.219	28.19	12.39	40.58	54	-13.42	AVG

Remark:

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



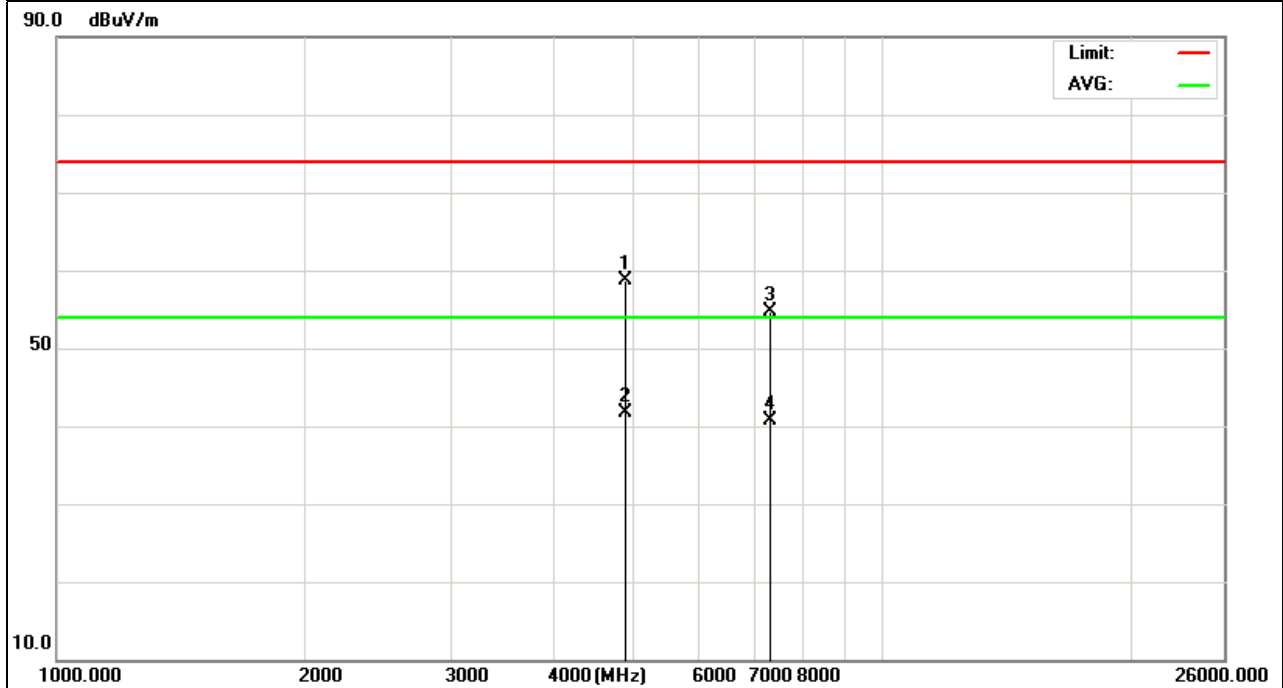


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6(802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.637	48.27	10.4	58.67	74	-15.33	peak
4874.637	31.25	10.4	41.65	54	-12.35	AVG
7311.442	41.99	12.75	54.74	74	-19.26	peak
7311.442	27.88	12.75	40.63	54	-13.37	AVG

Remark:

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

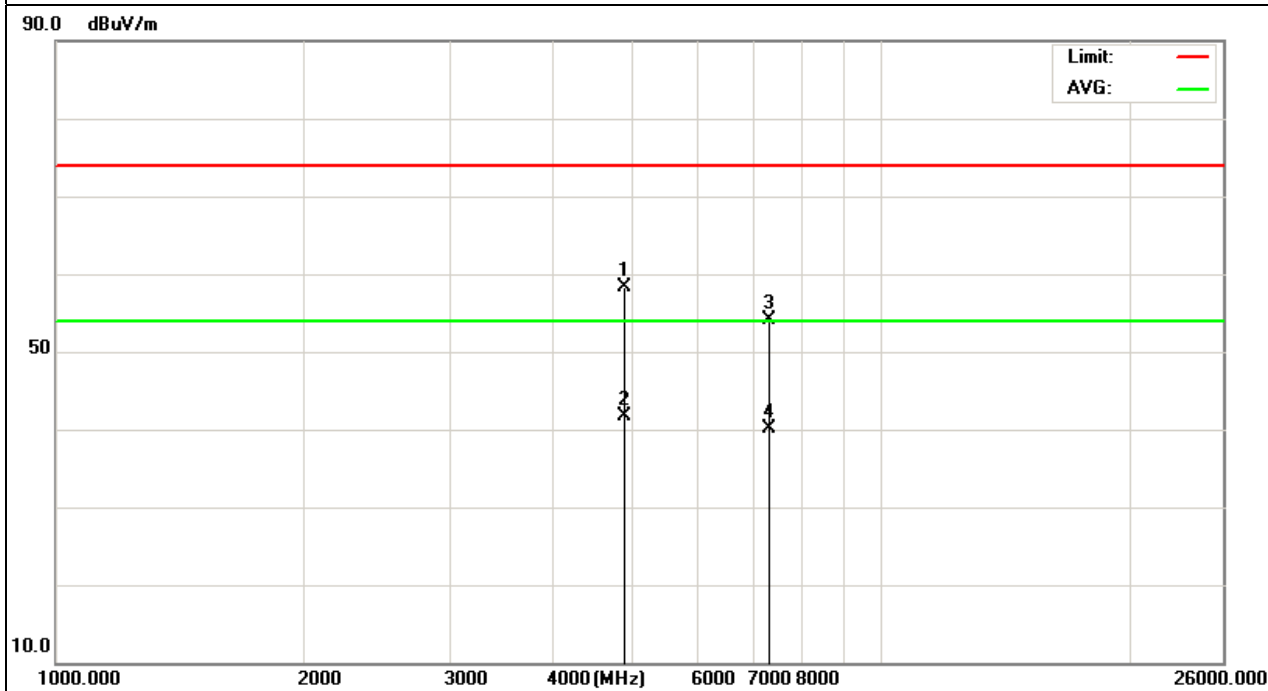


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6(802.11n Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.213	47.85	10.4	58.25	74	-15.75	peak
4874.213	31.23	10.4	41.63	54	-12.37	AVG
7311.305	41.39	12.75	54.14	74	-19.86	peak
7311.305	27.4	12.75	40.15	54	-13.85	AVG

Remark:

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



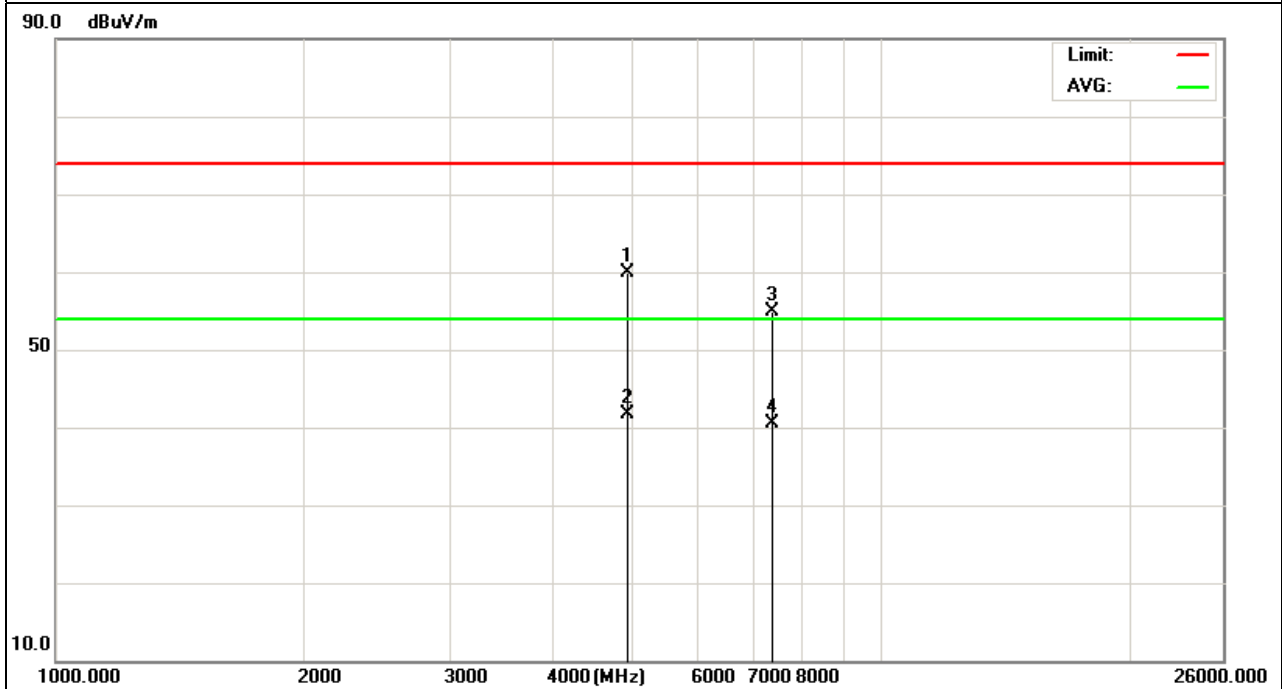


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.166	49.46	10.39	59.85	74	-14.15	peak
4924.166	31.28	10.39	41.67	54	-12.33	AVG
7386.248	42.14	12.68	54.82	74	-19.18	peak
7386.248	27.8	12.68	40.48	54	-13.52	AVG

Remark:

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

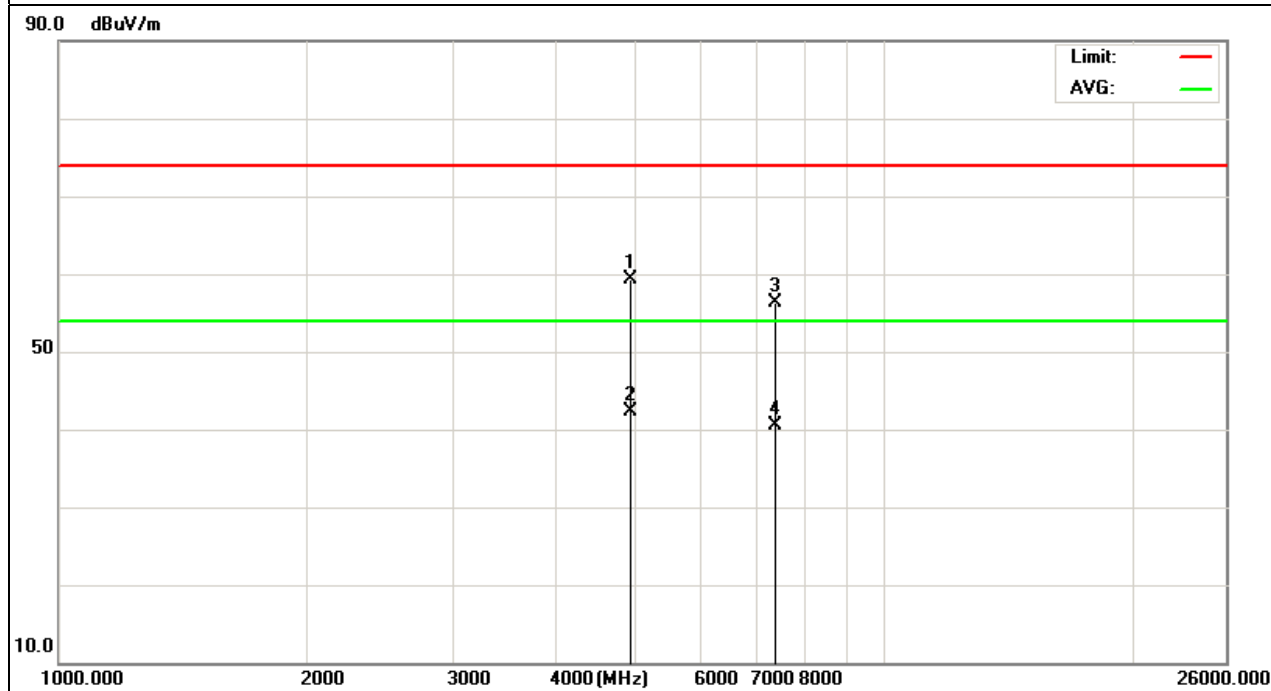


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11n Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4924.417	48.96	10.39	59.35	74	-14.65	peak
4924.417	31.85	10.39	42.24	54	-11.76	AVG
7386.356	43.69	12.68	56.37	74	-17.63	peak
7386.356	27.78	12.68	40.46	54	-13.54	AVG

Remark:

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



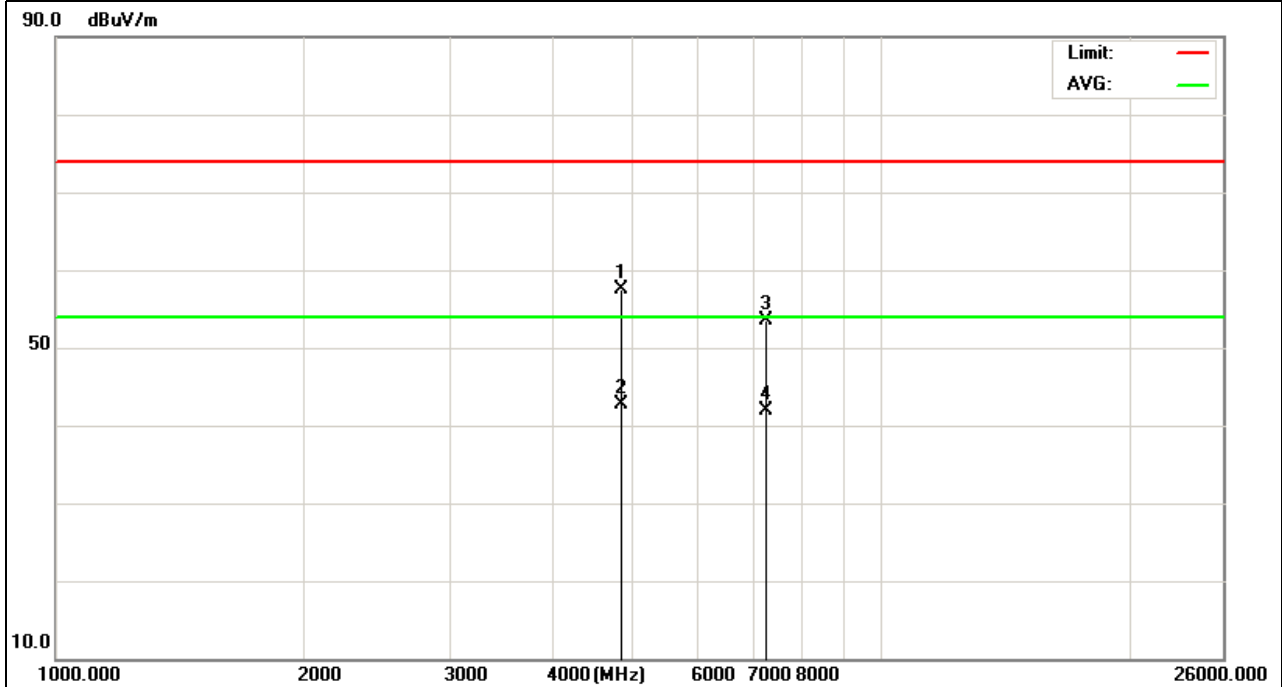


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH3(802.11n Mode)/40MHz	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4844.179	46.98	10.5	57.48	74	-16.52	peak
4844.179	32.27	10.5	42.77	54	-11.23	AVG
7266.305	41.03	12.5	53.53	74	-20.47	peak
7266.305	29.36	12.5	41.86	54	-12.14	AVG

Remark:

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



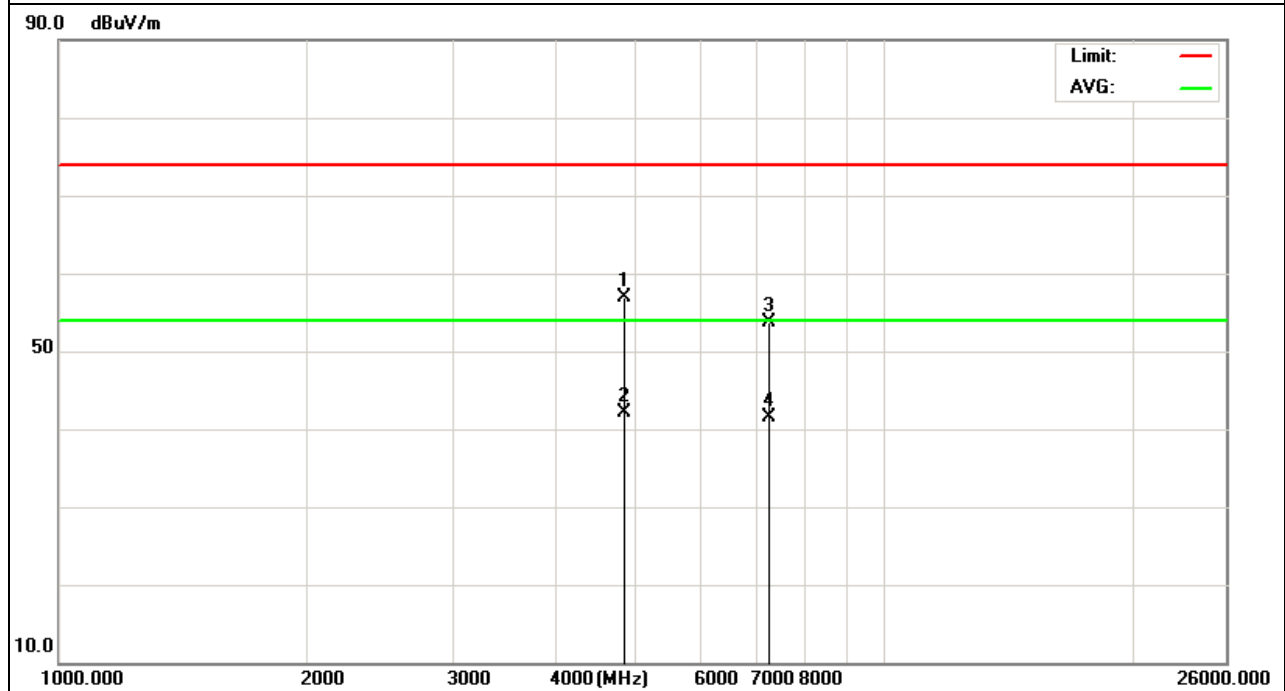


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH3(802.11n Mode) /40MHz	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4844.376	46.36	10.5	56.86	74	-17.14	peak
4844.376	31.67	10.5	42.17	54	-11.83	AVG
7266.276	41.17	12.5	53.67	74	-20.33	peak
7266.276	28.92	12.5	41.42	54	-12.58	AVG

Remark:

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



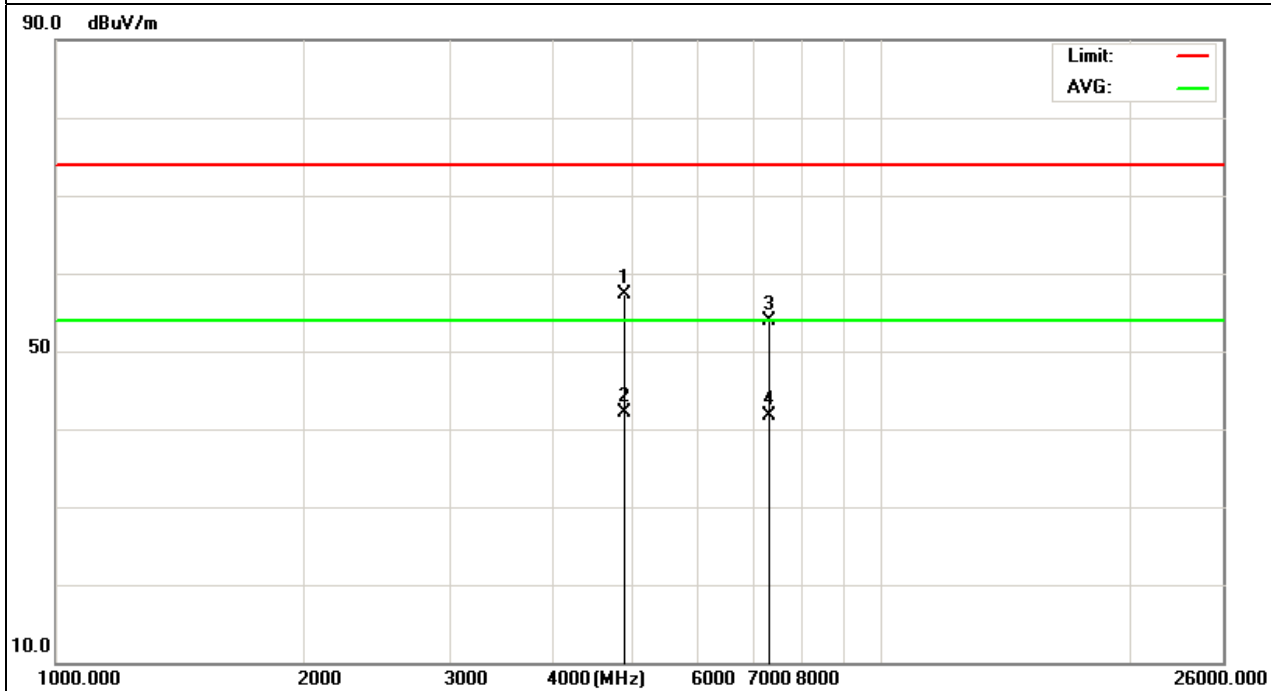


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6(802.11n Mode) /40MHz	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.856	46.99	10.4	57.39	74	-16.61	peak
4874.856	31.74	10.4	42.14	54	-11.86	AVG
7311.075	41.23	12.75	53.98	74	-20.02	peak
7311.075	28.99	12.75	41.74	54	-12.26	AVG

Remark:

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

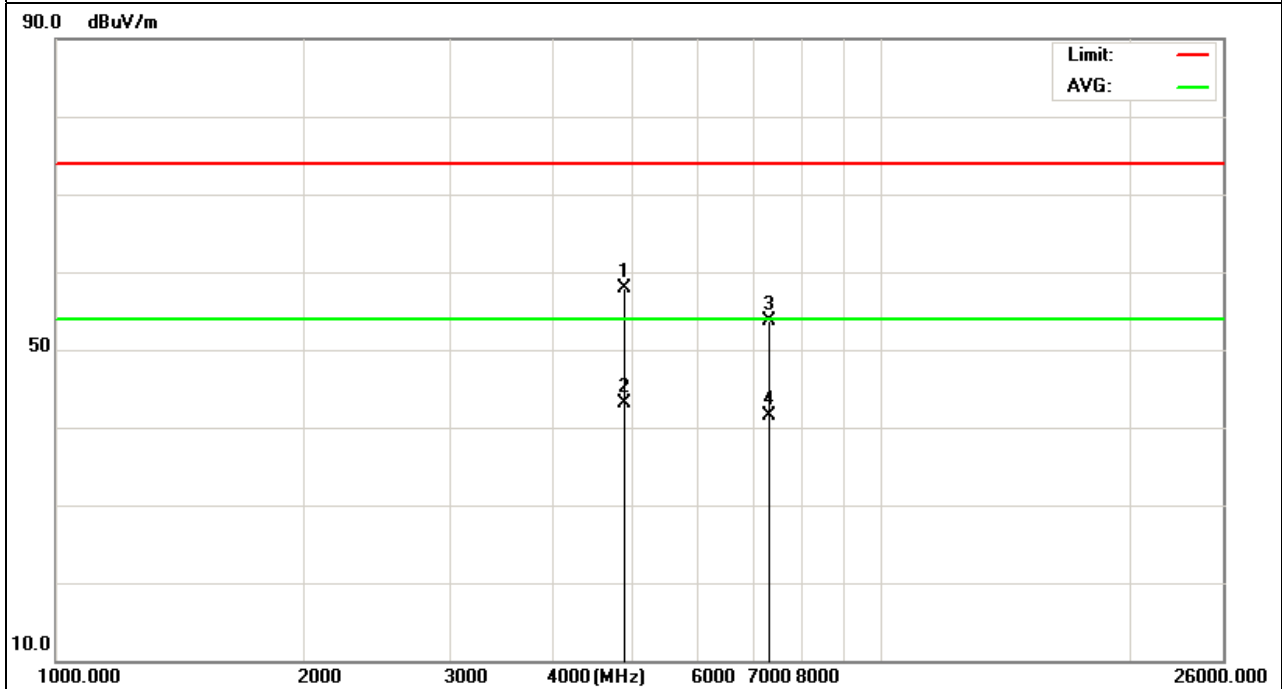


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH6(802.11n Mode) /40MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.441	47.48	10.4	57.88	74	-16.12	peak
4874.441	32.63	10.4	43.03	54	-10.97	AVG
7311.239	41.04	12.75	53.79	74	-20.21	peak
7311.239	28.78	12.75	41.53	54	-12.47	AVG

Remark:

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



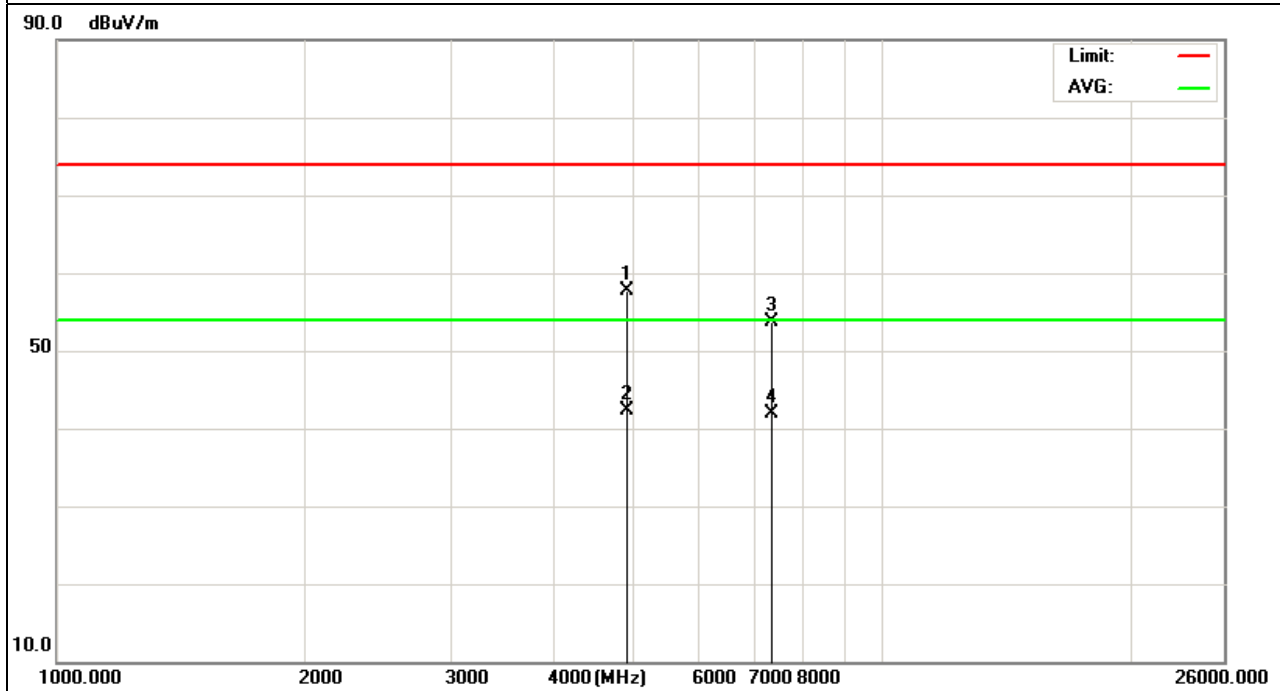


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH9(802.11n Mode) /40MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4904.343	47.46	10.29	57.75	74	-16.25	
4904.343	32.04	10.29	42.33	54	-11.67	AVG
7356.297	40.89	12.79	53.68	74	-20.32	peak
7356.297	29.08	12.79	41.87	54	-12.13	AVG

Remark:

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

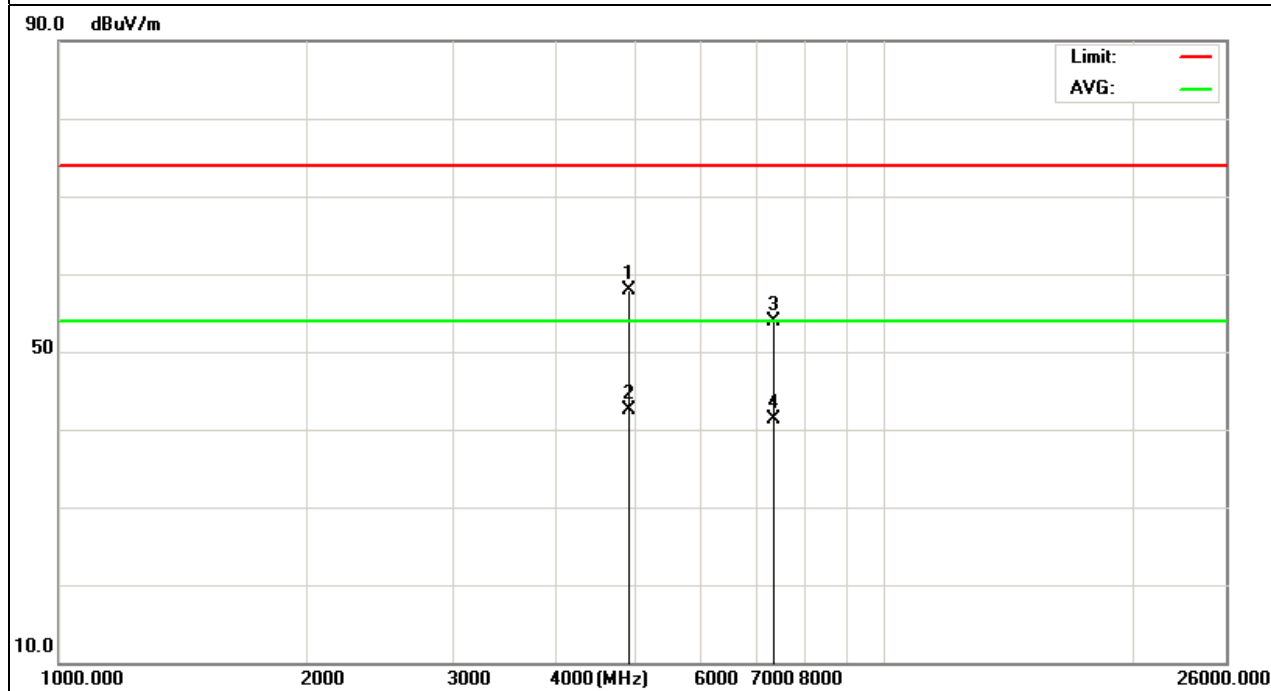


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH9(802.11n Mode) /40MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4904.117	47.58	10.29	57.87	74	-16.13	peak
4904.117	32.31	10.29	42.6	54	-11.4	AVG
7356.419	41.17	12.79	53.96	74	-20.04	peak
7356.419	28.43	12.79	41.22	54	-12.78	AVG

Remark:

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

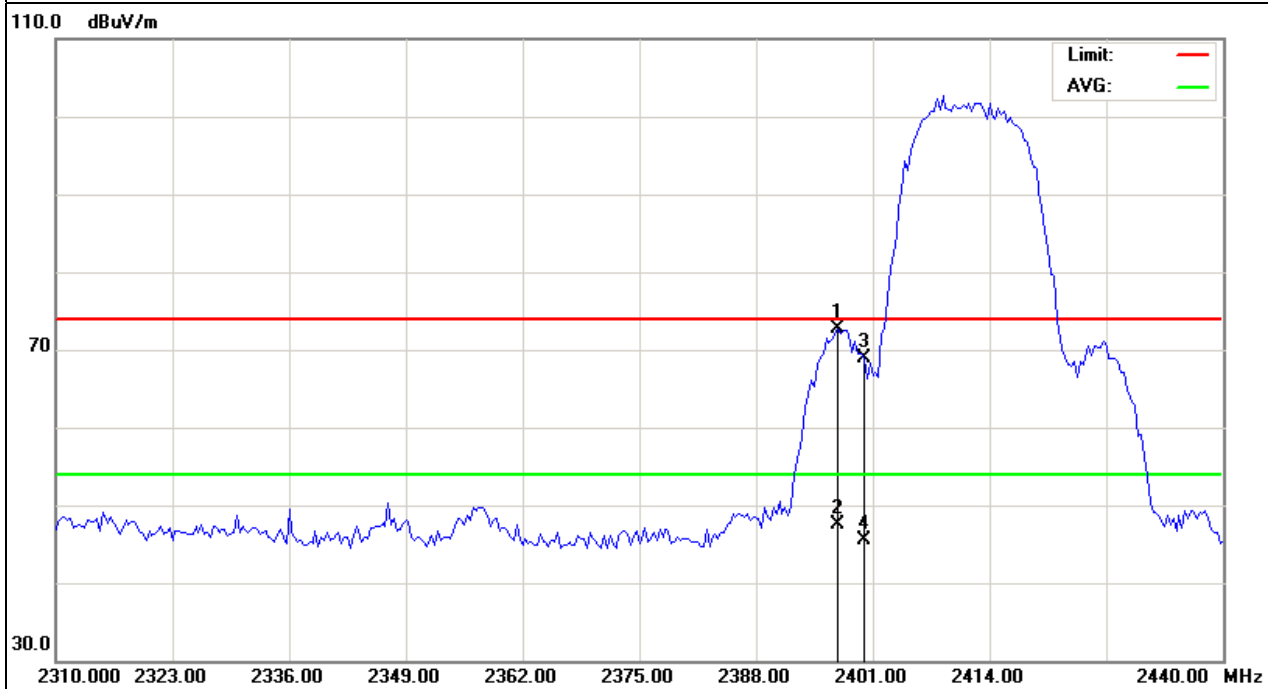


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11b Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2397.1	85.78	-13.02	72.76	74	-1.24	peak
2397.1	60.48	-13.02	47.46	54	-6.54	AVG
2400	81.88	-12.99	68.89	74	-5.11	peak
2400	58.58	-12.99	45.59	54	-8.41	AVG

Remark:

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

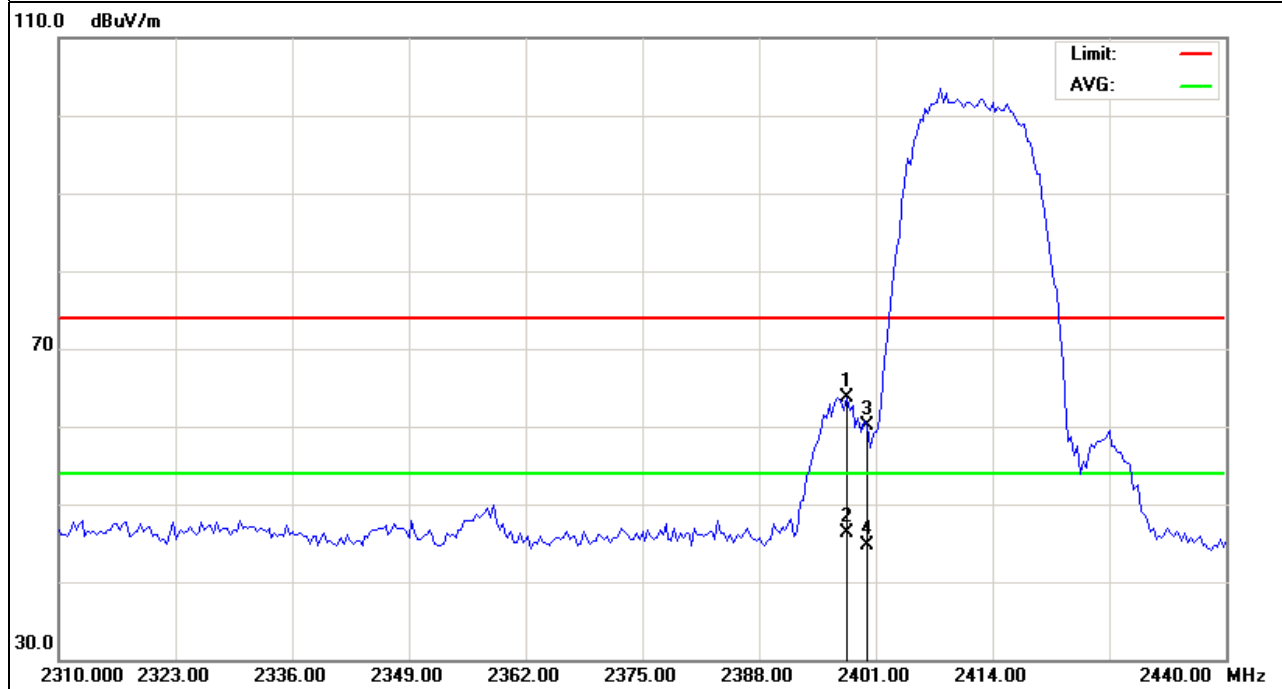


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11b Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2397.75	76.78	-13	63.78	74	-10.22	peak
2397.75	59.34	-13	46.34	54	-7.66	AVG
2400	73.09	-12.99	60.1	74	-13.9	peak
2400	57.65	-12.99	44.66	54	-9.34	AVG

Remark:

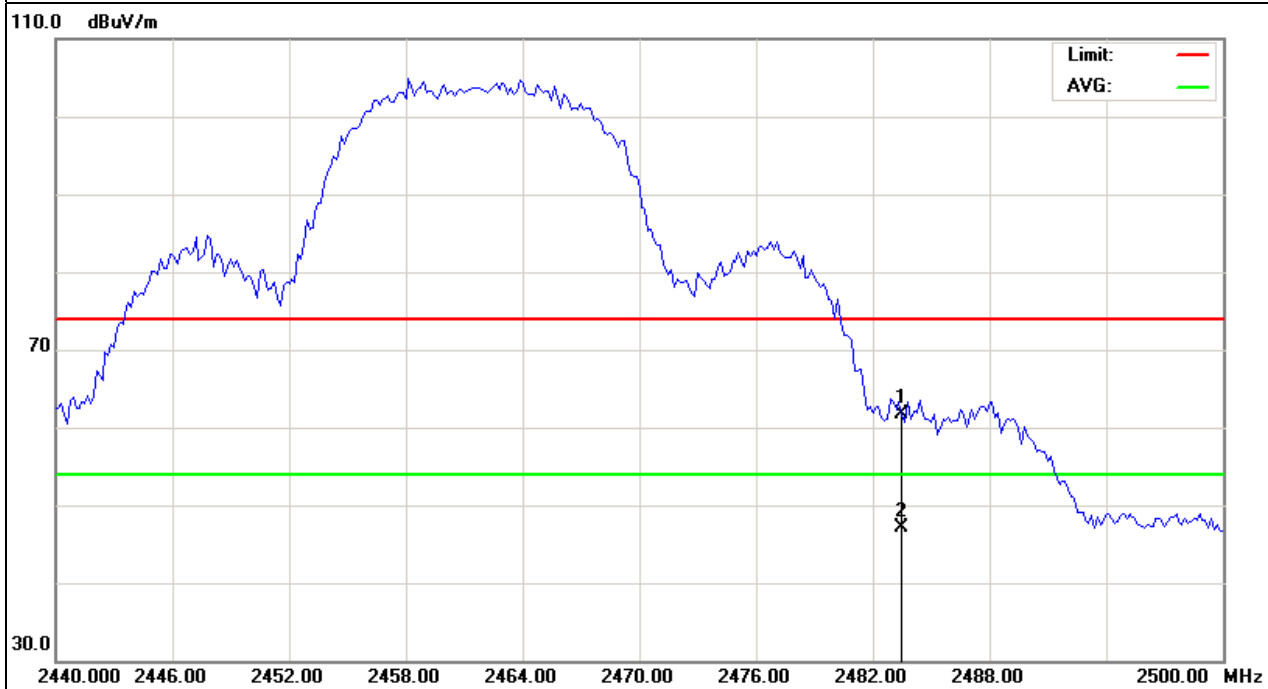
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11b Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	74.4	-12.78	61.62	74	-12.38	peak
2483.5	59.85	-12.78	47.07	54	-6.93	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

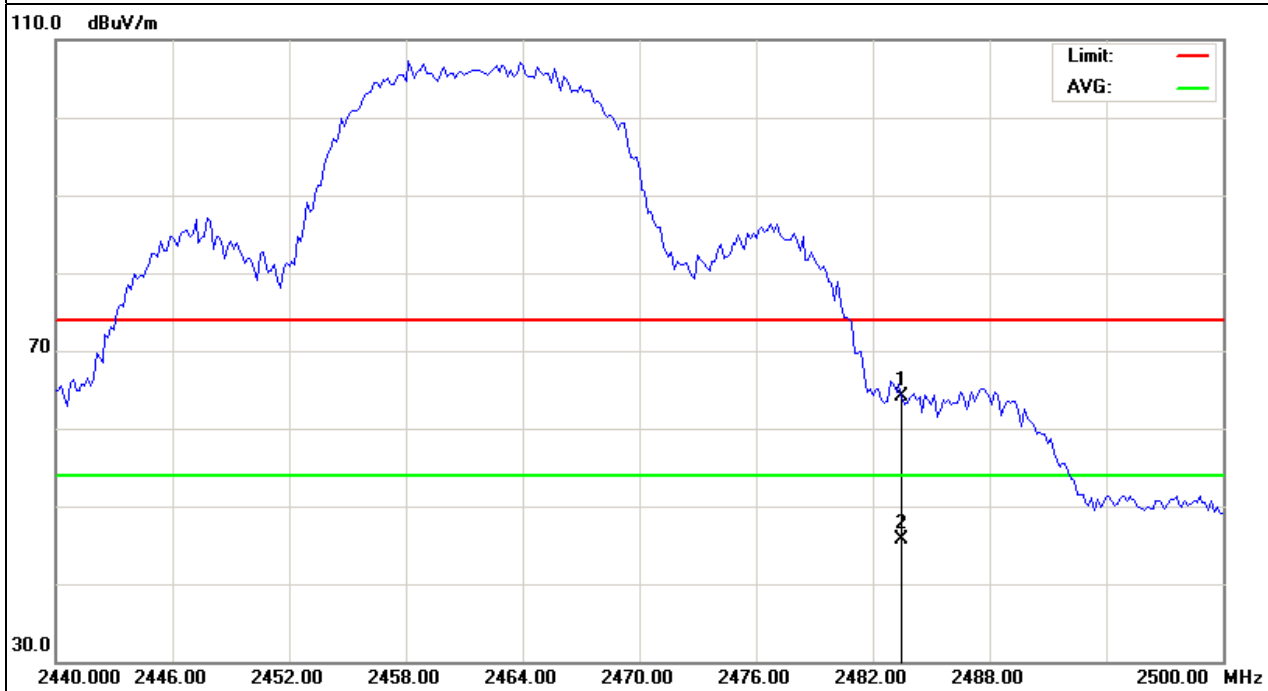


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11b Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	76.81	-12.78	64.03	74	-9.97	peak
2483.5	58.57	-12.78	45.79	54	-8.21	AVG

Remark:

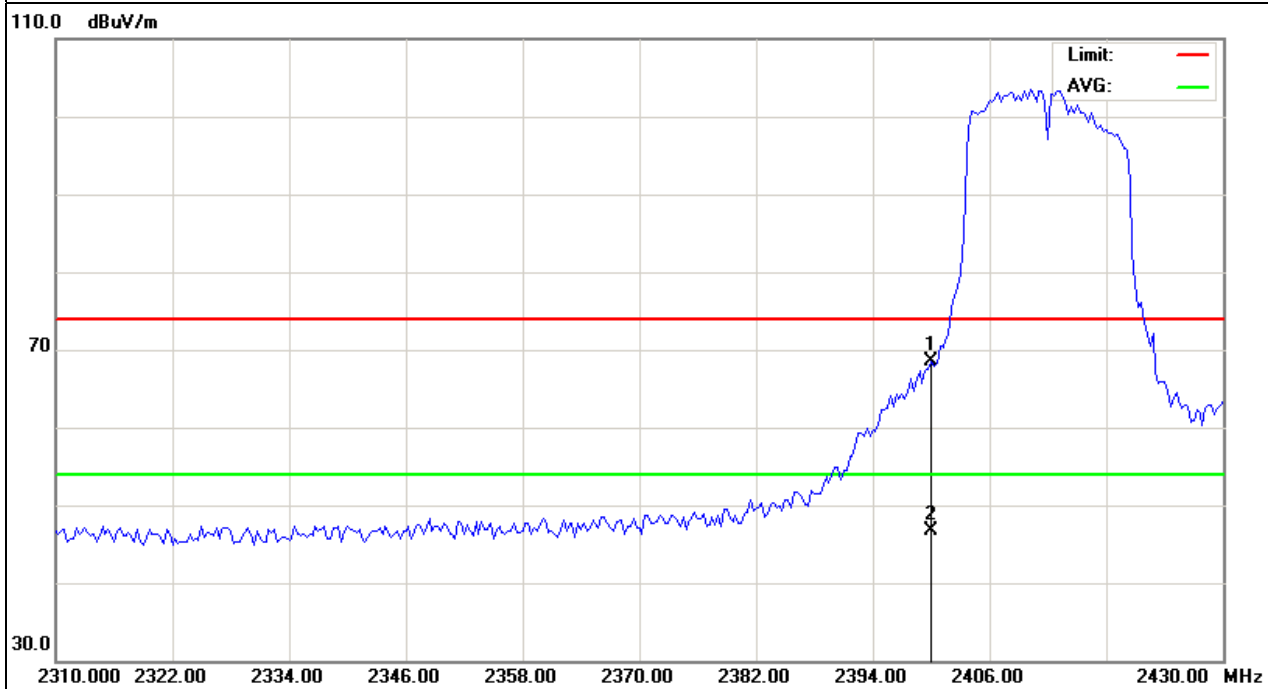
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11g Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400	81.59	-12.99	68.6	74	-5.4	peak
2400	59.73	-12.99	46.74	54	-7.26	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

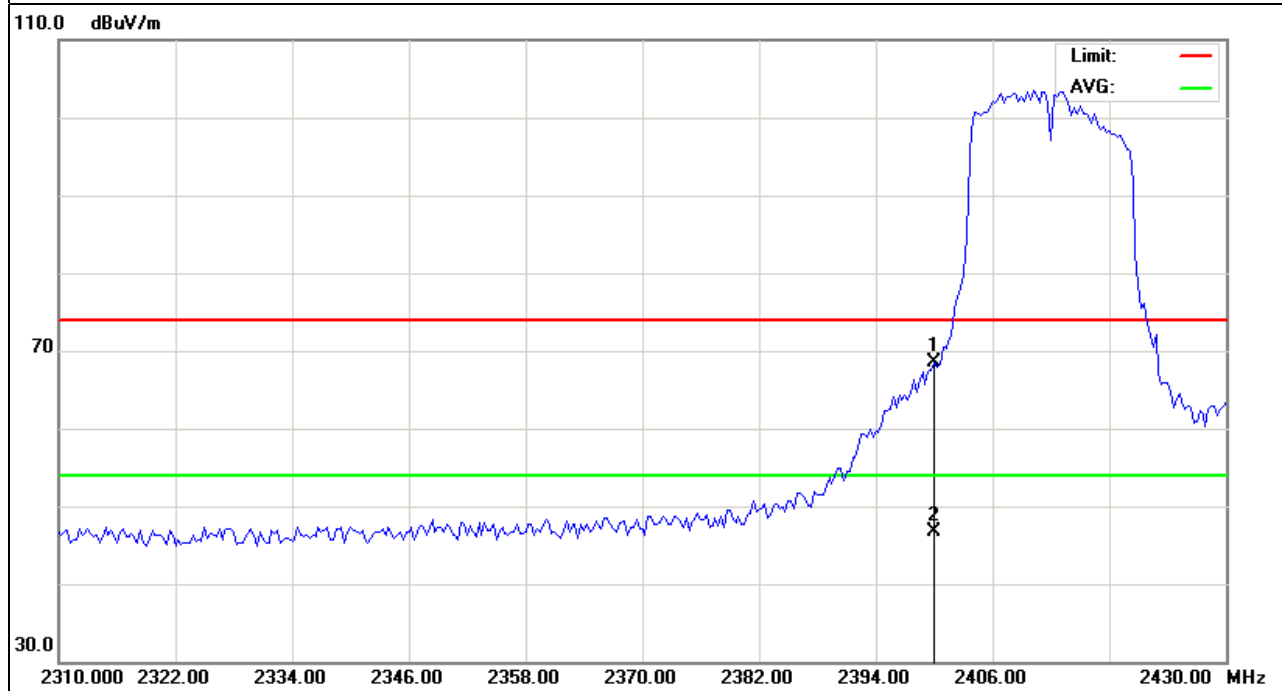


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11gMode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2400	81.49	-12.99	68.5	74	-5.5	peak
2400	59.70	-12.99	46.71	54	-7.29	AVG

Remark:

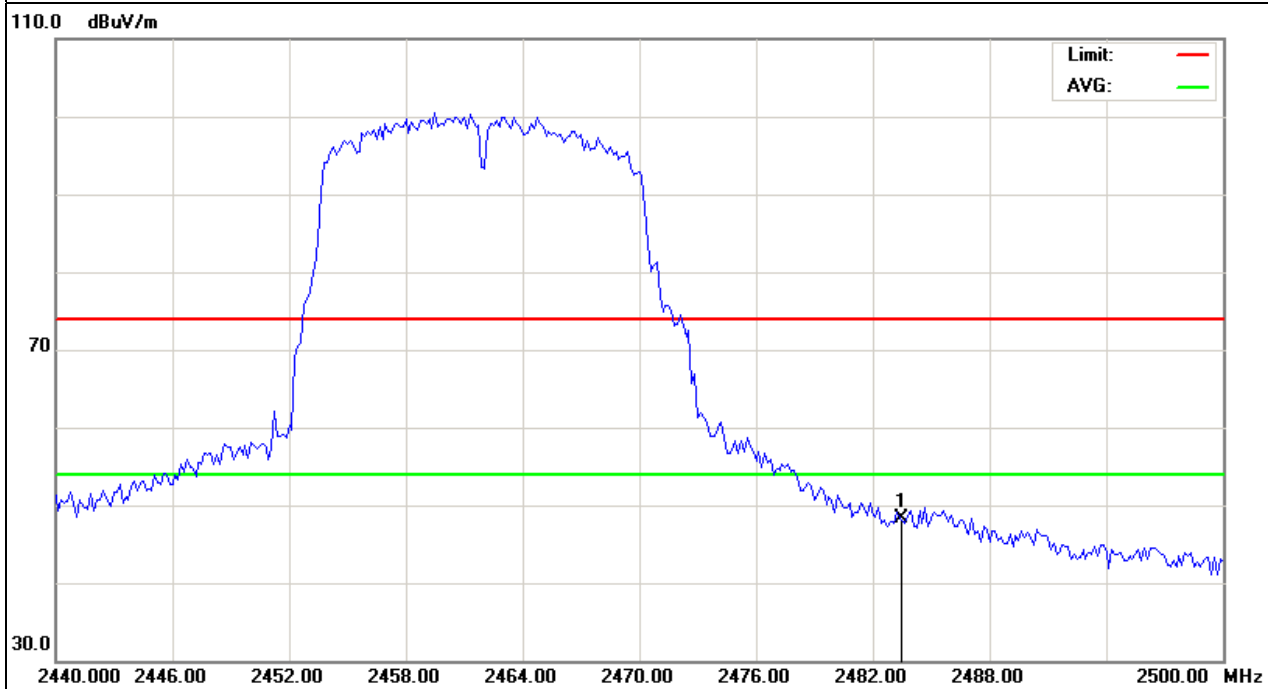
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11g Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	60.98	-12.78	48.2	74	-25.8	peak

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

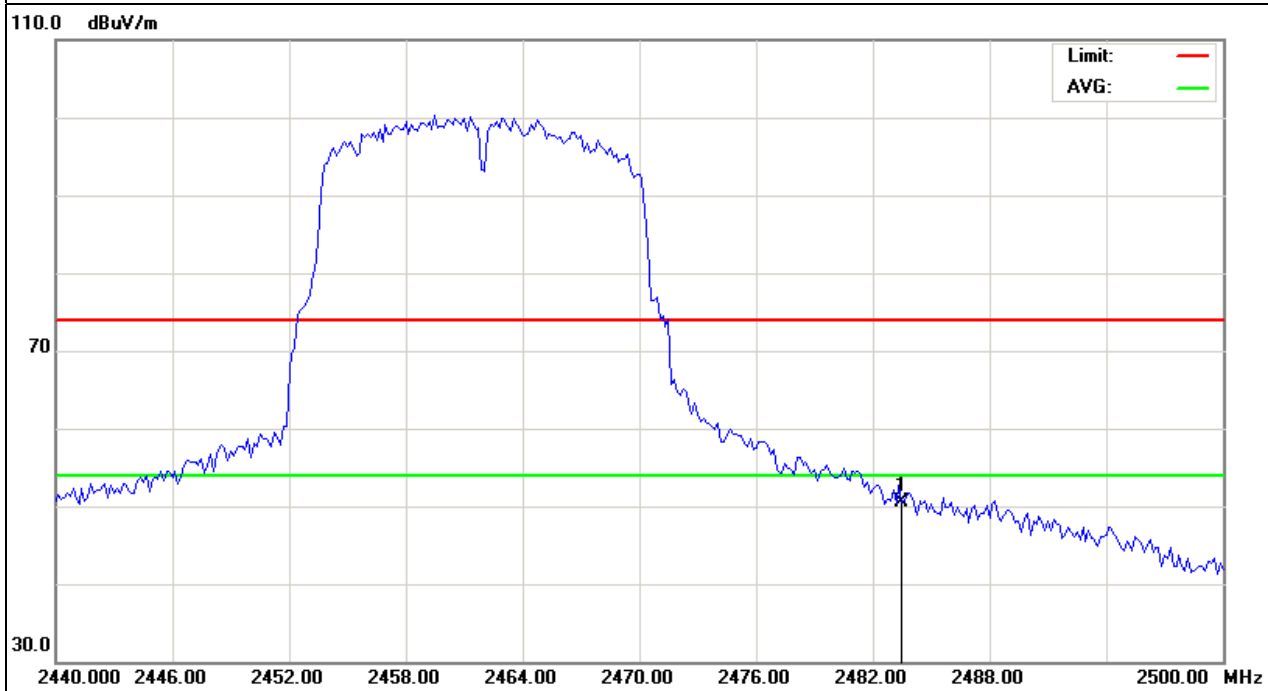


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	63.38	-12.78	50.6	74	-23.4	peak

Remark:

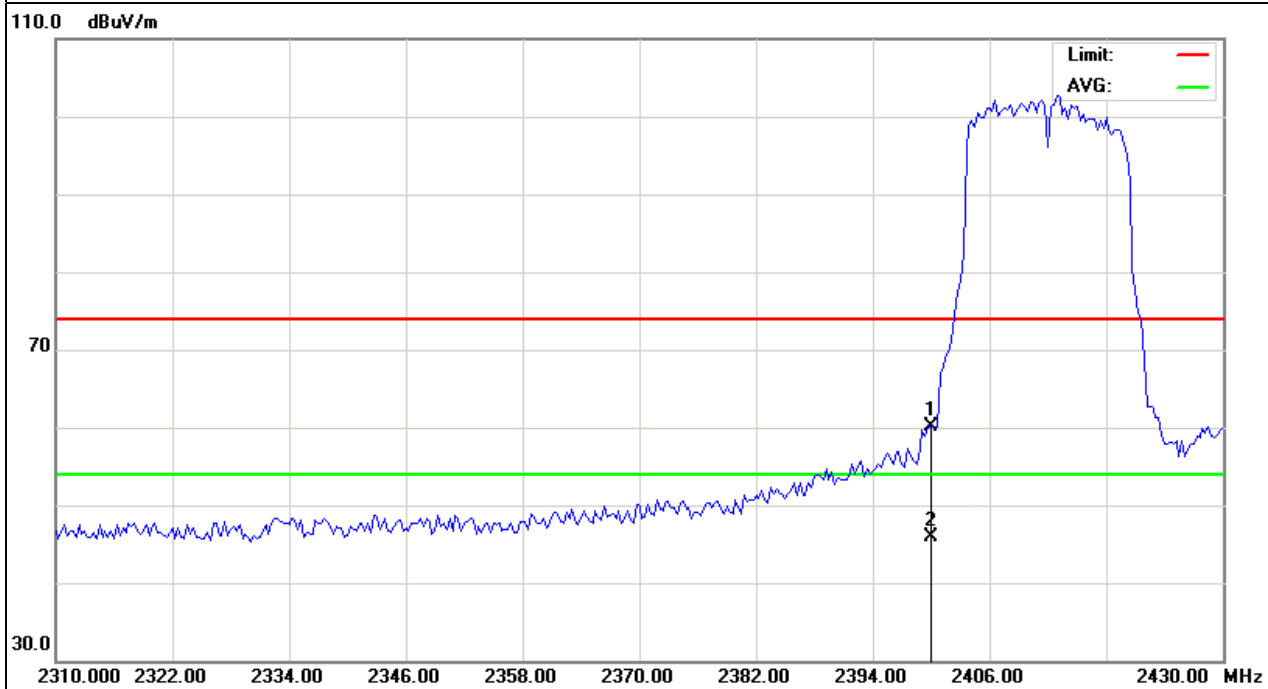
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11N Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400	73.09	-12.99	60.1	74	-13.9	peak
2400	58.85	-12.99	45.86	54	-8.14	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



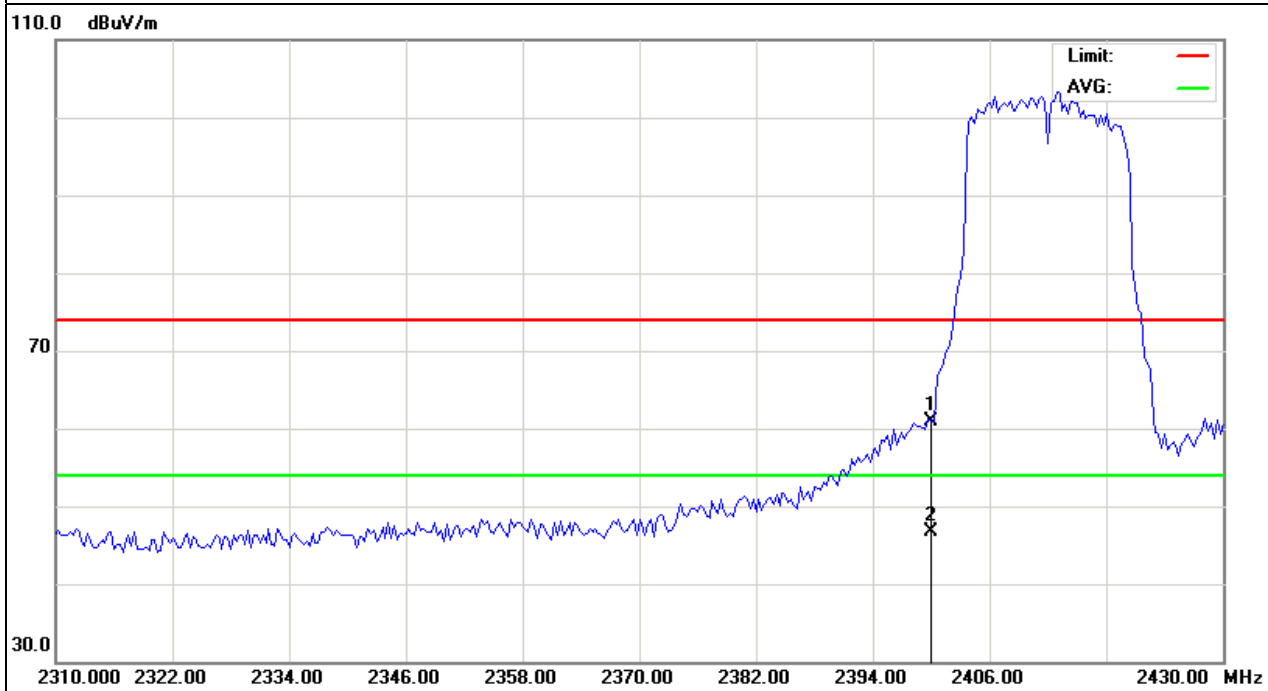


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH1(802.11N Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2400	73.89	-12.99	60.9	74	-13.1	peak
2400	59.62	-12.99	46.63	54	-7.37	AVG

Remark:

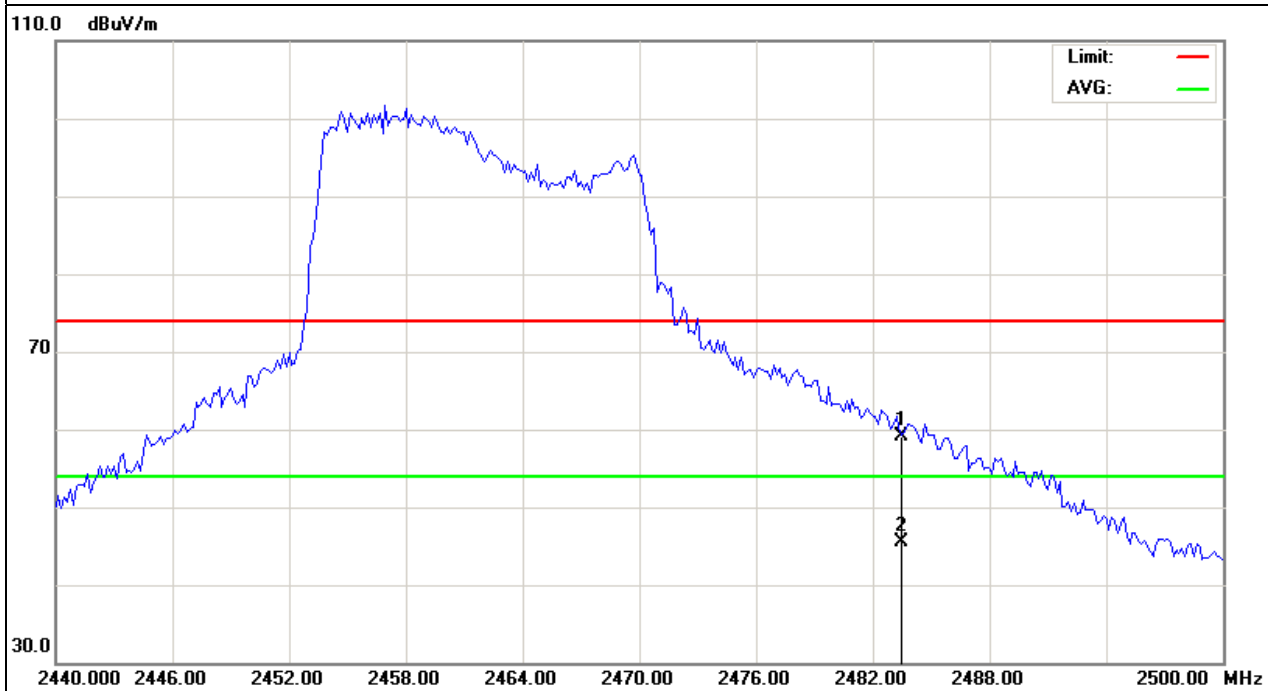
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11N Mode)	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	71.98	-12.78	59.2	74	-14.8	peak
2483.5	58.24	-12.78	45.46	54	-8.54	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

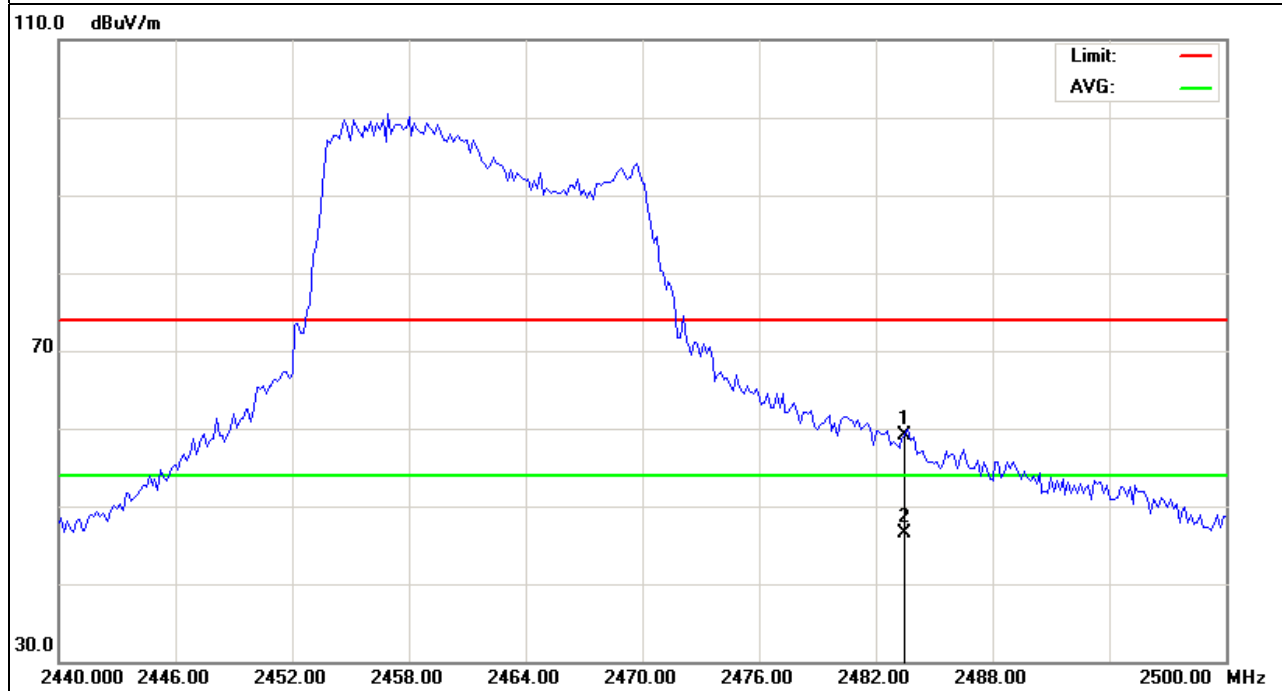


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH11(802.11N Mode)	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	71.88	-12.78	59.1	74	-14.9	peak
2483.5	59.32	-12.78	46.54	54	-7.46	AVG

Remark:

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

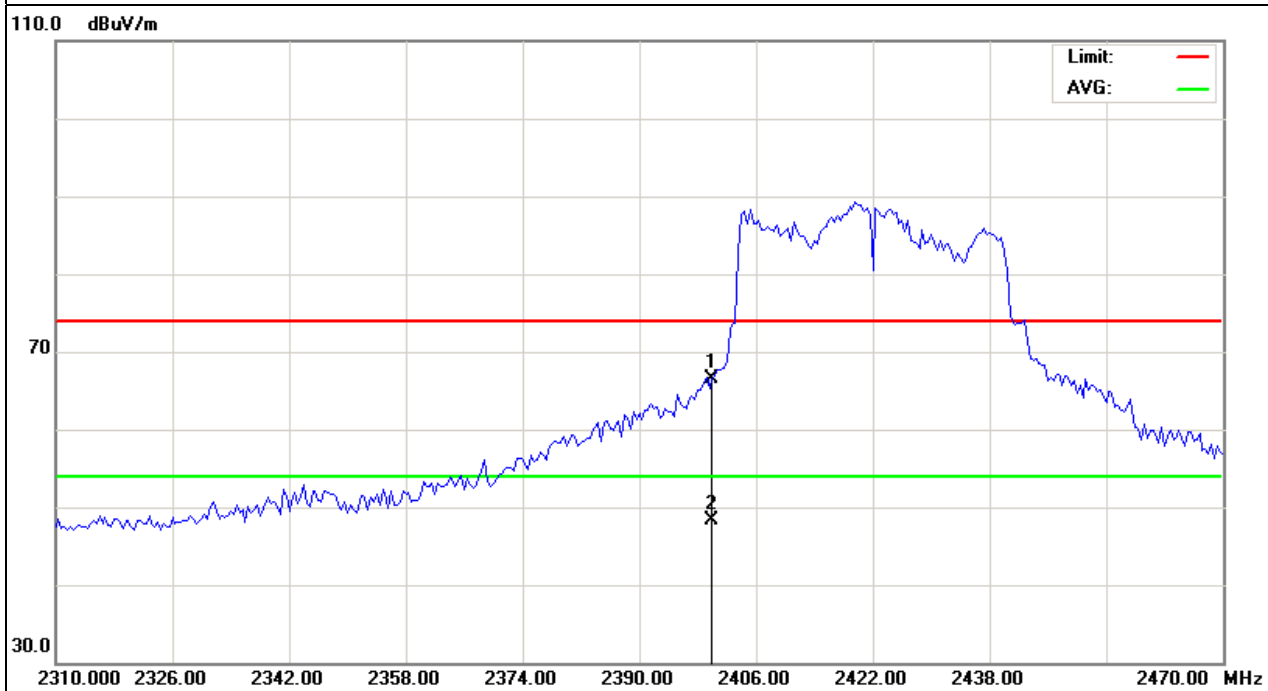


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH3(802.11n Mode)/40MHz	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400	79.4	-12.99	66.41	74	-7.59	peak
2400	61.31	-12.99	48.32	54	-5.68	AVG

Remark:

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

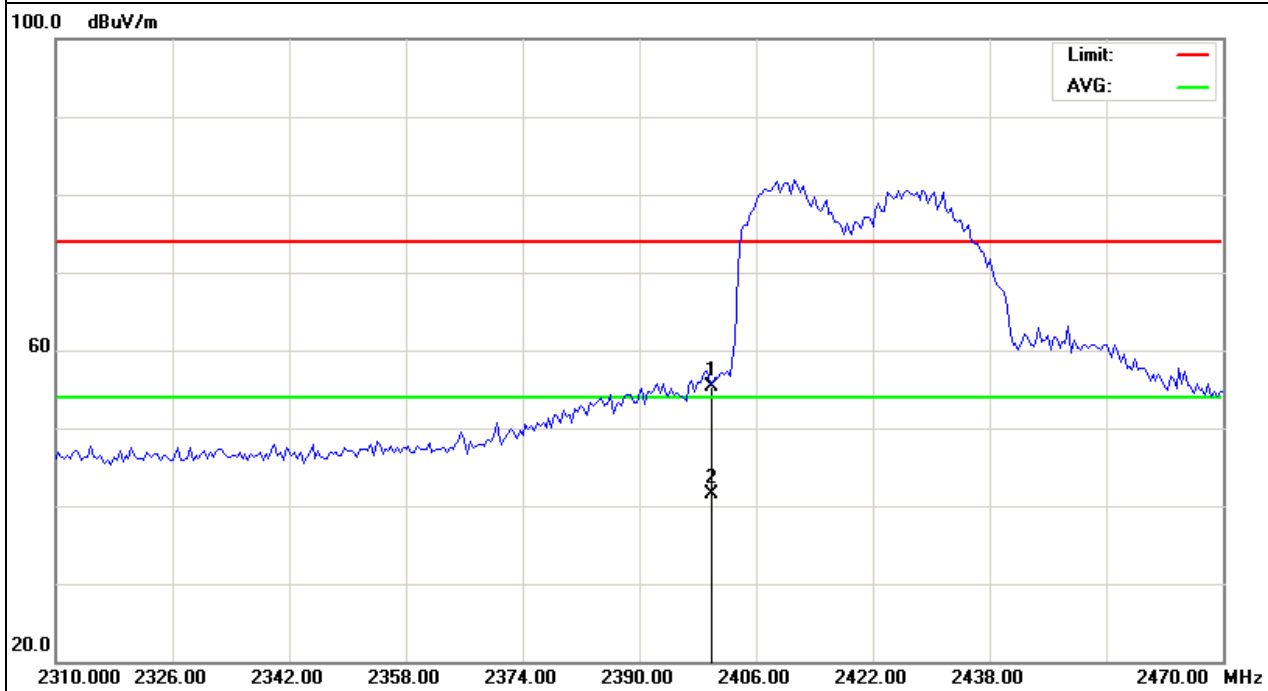


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH3(802.11n Mode) /40MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400	68.39	-12.99	55.4	74	-18.6	peak
2400	54.45	-12.99	41.46	54	-12.54	AVG

Remark:

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

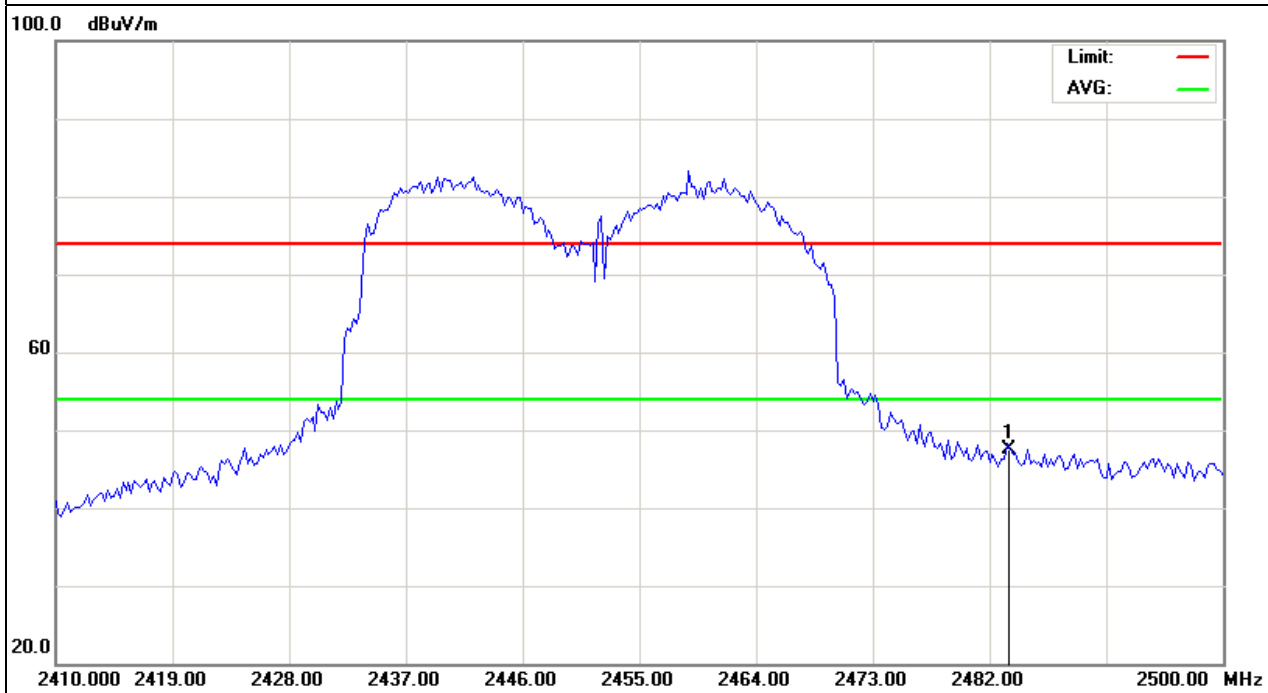


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH9(802.11n Mode) /40MHz	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2483.5	60.28	-12.78	47.5	74	-26.5	peak

Remark:

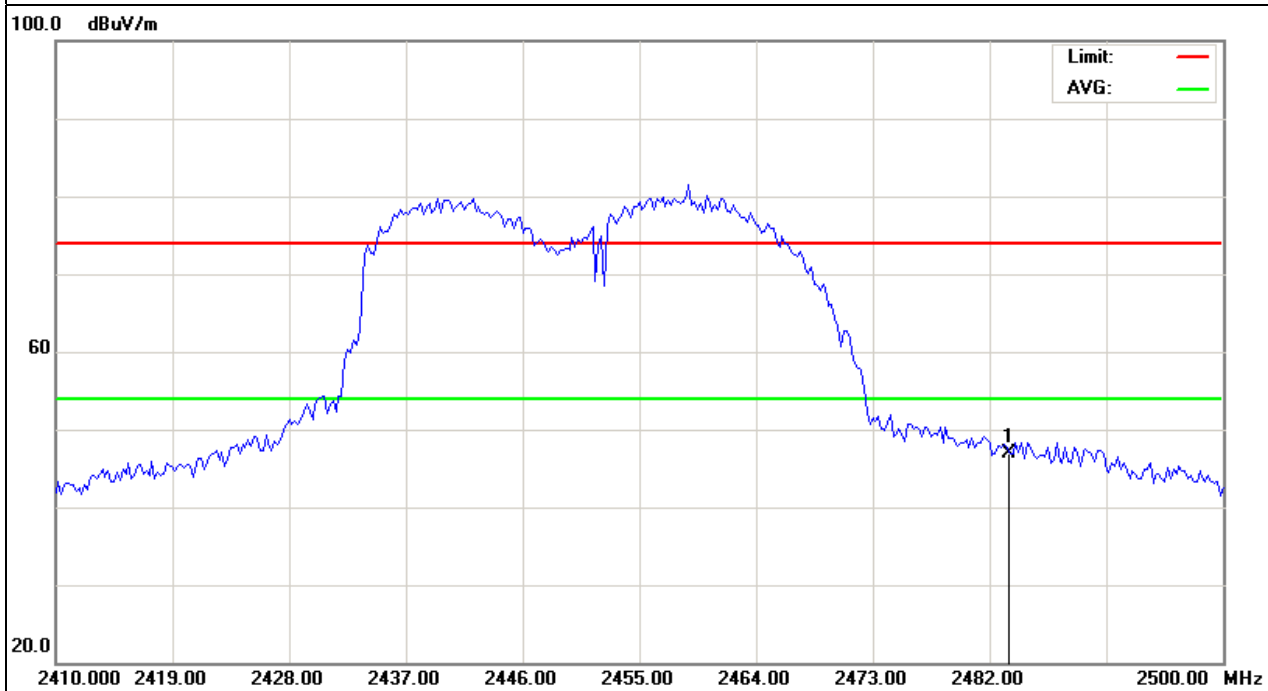
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	20 °C	Relative Humidity :	48%
Pressure :	1010 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	CH9(802.11n Mode) /40MHz	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2483.5	59.68	-12.78	46.9	74	-27.1	peak

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.



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

4.1.1 TEST PROCEDURE

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS channel bandwidth.
3. Set the RBW ≥ 3 kHz.
4. Set the VBW $\geq 3 \times$ RBW.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

4.1.2 DEVIATION FROM STANDARD

No deviation.

4.1.3 TEST SETUP



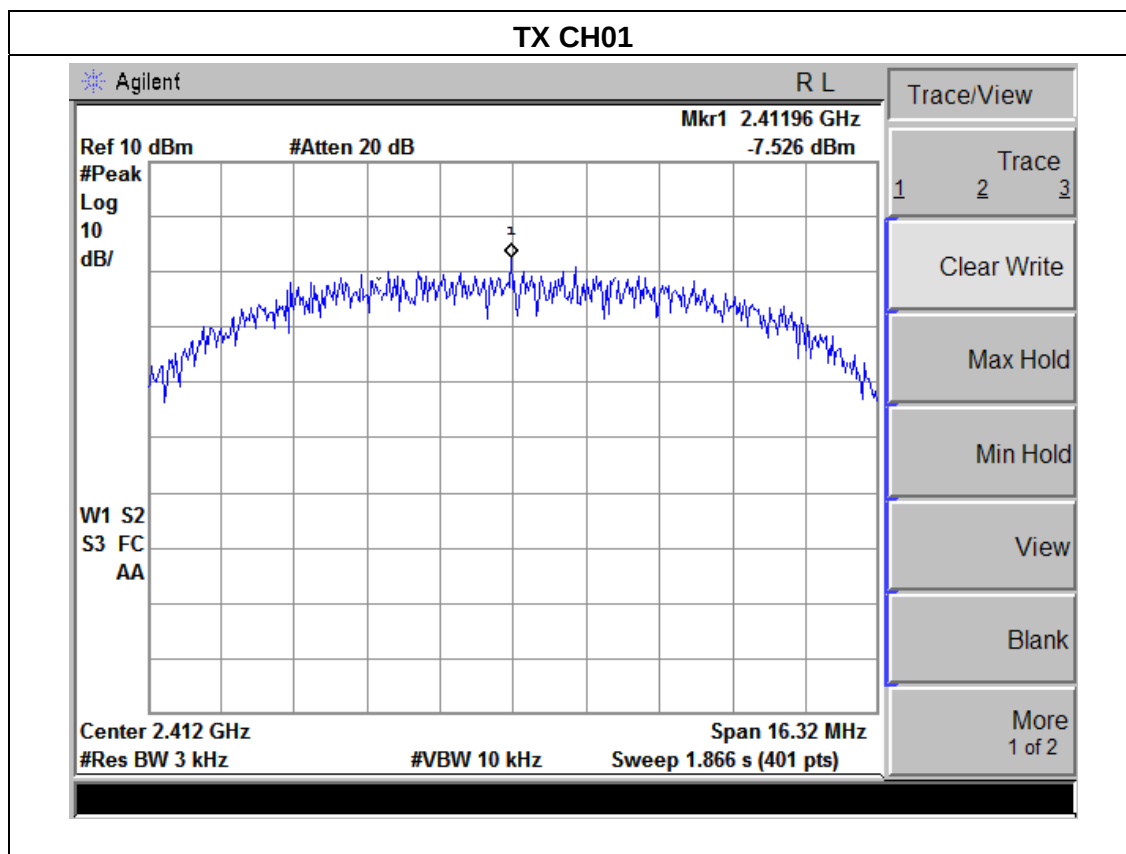
4.1.4 EUT OPERATION CONDITIONS

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

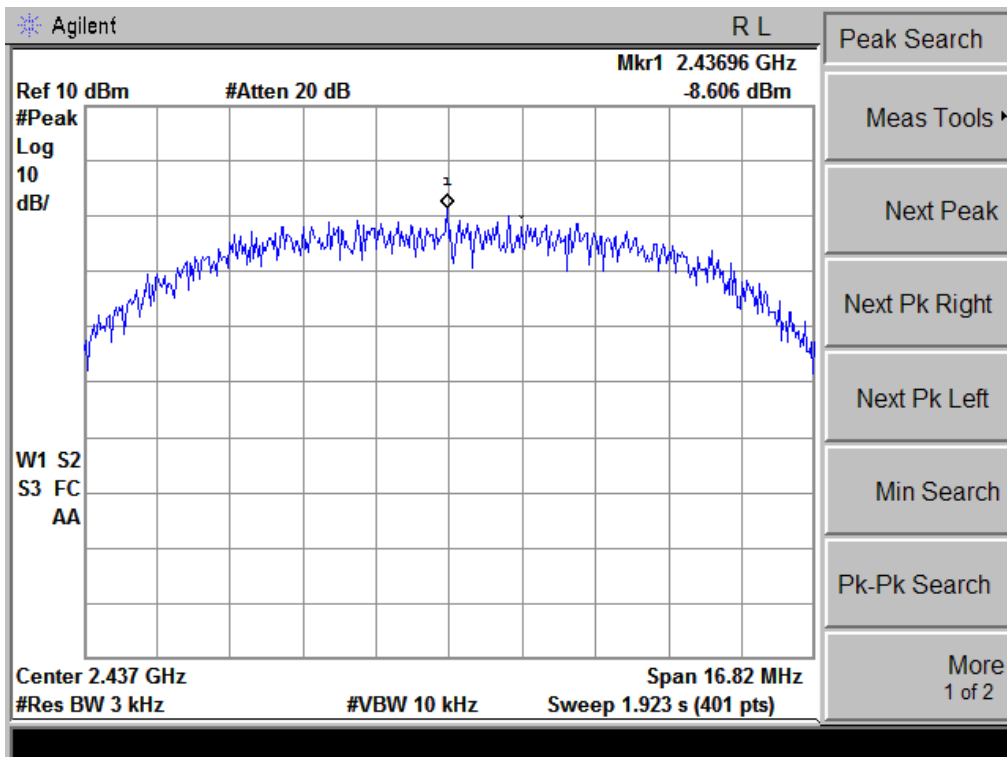
EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX b Mode /CH01, CH06, CH11		

Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-7.53	8	PASS
2437 MHz	-8.61	8	PASS
2462 MHz	-9.21	8	PASS

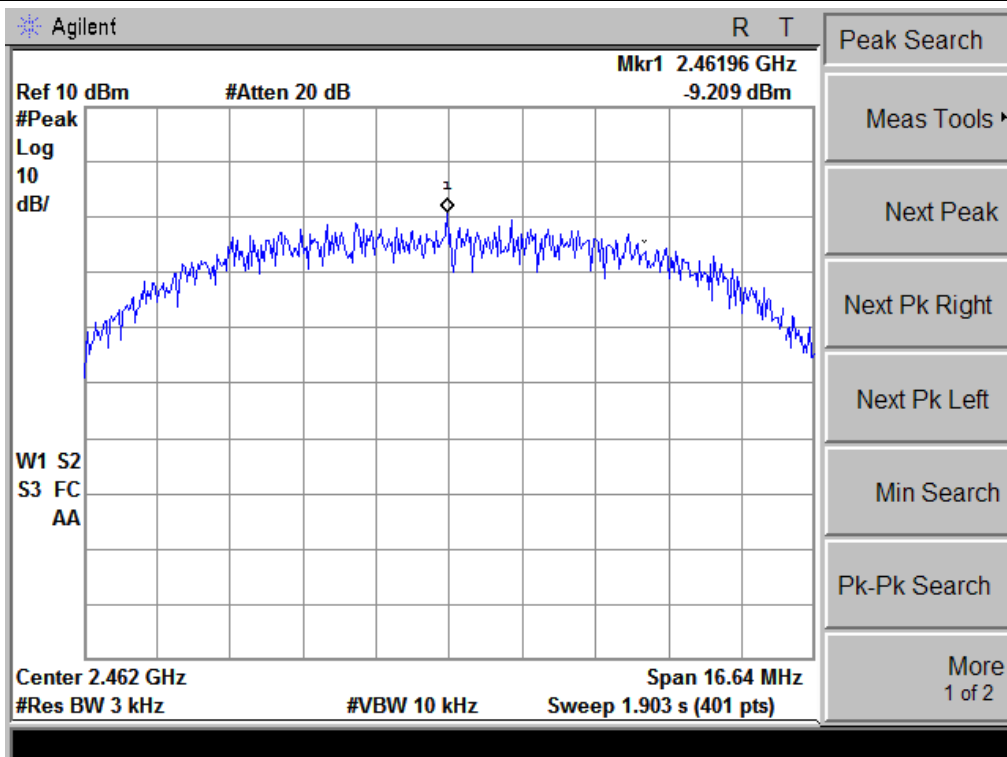




TX CH06



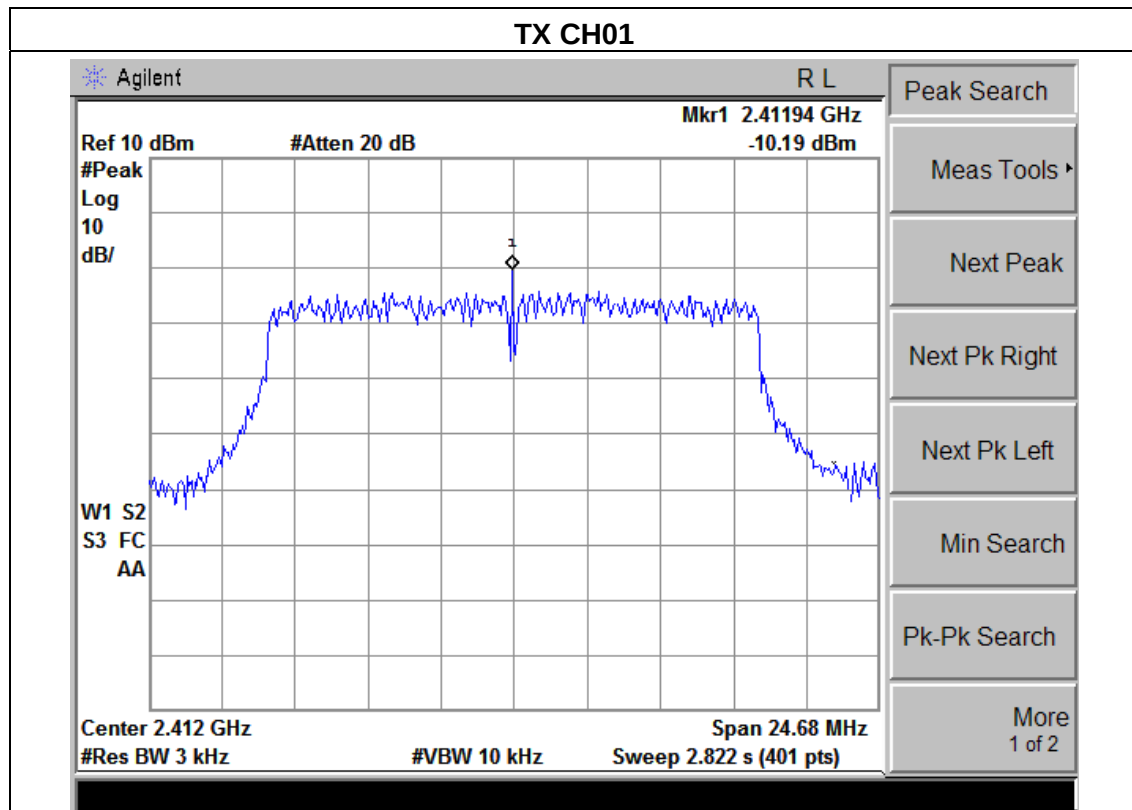
TX CH11





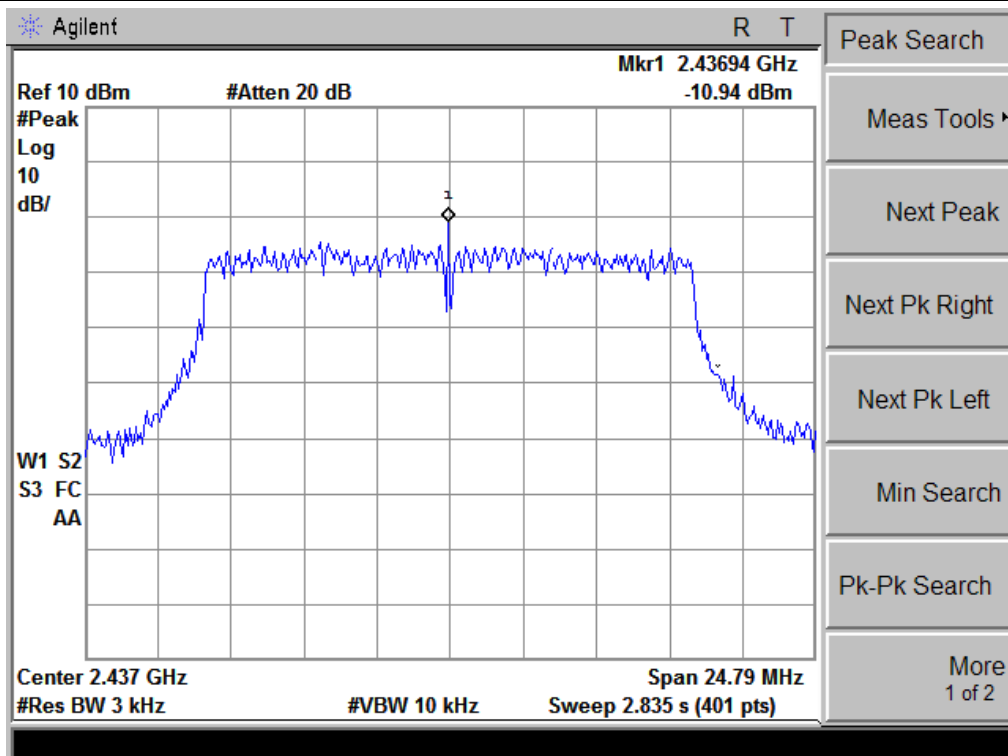
EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX g Mode /CH01, CH06, CH11		

Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-10.19	8	PASS
2437 MHz	-10.94	8	PASS
2462 MHz	-10.84	8	PASS

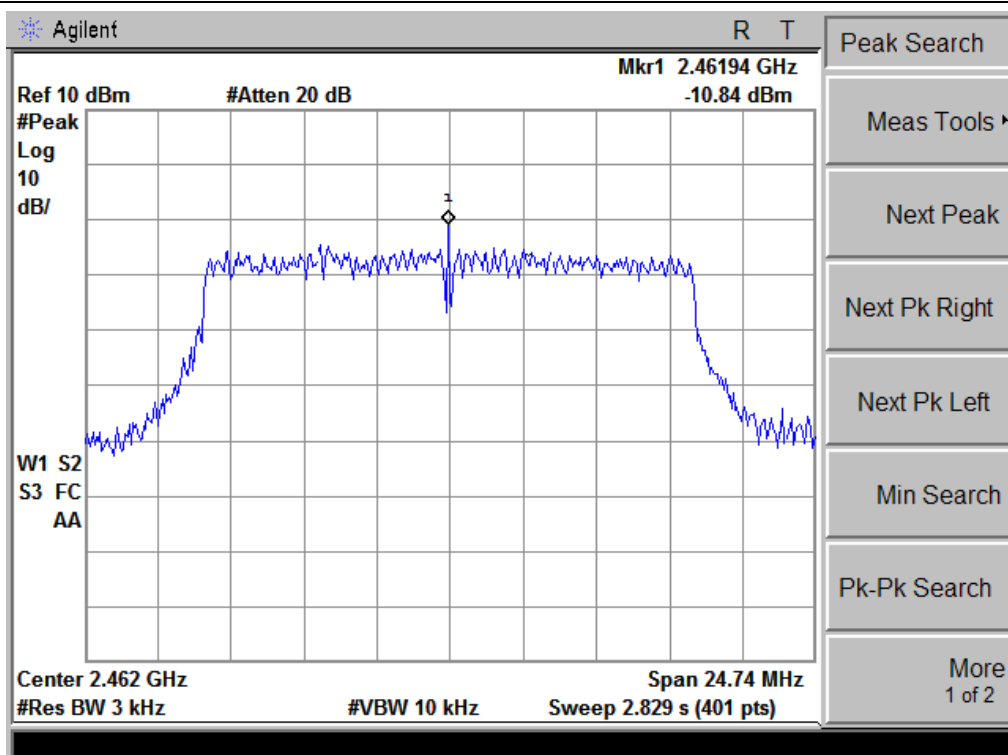




TX CH06



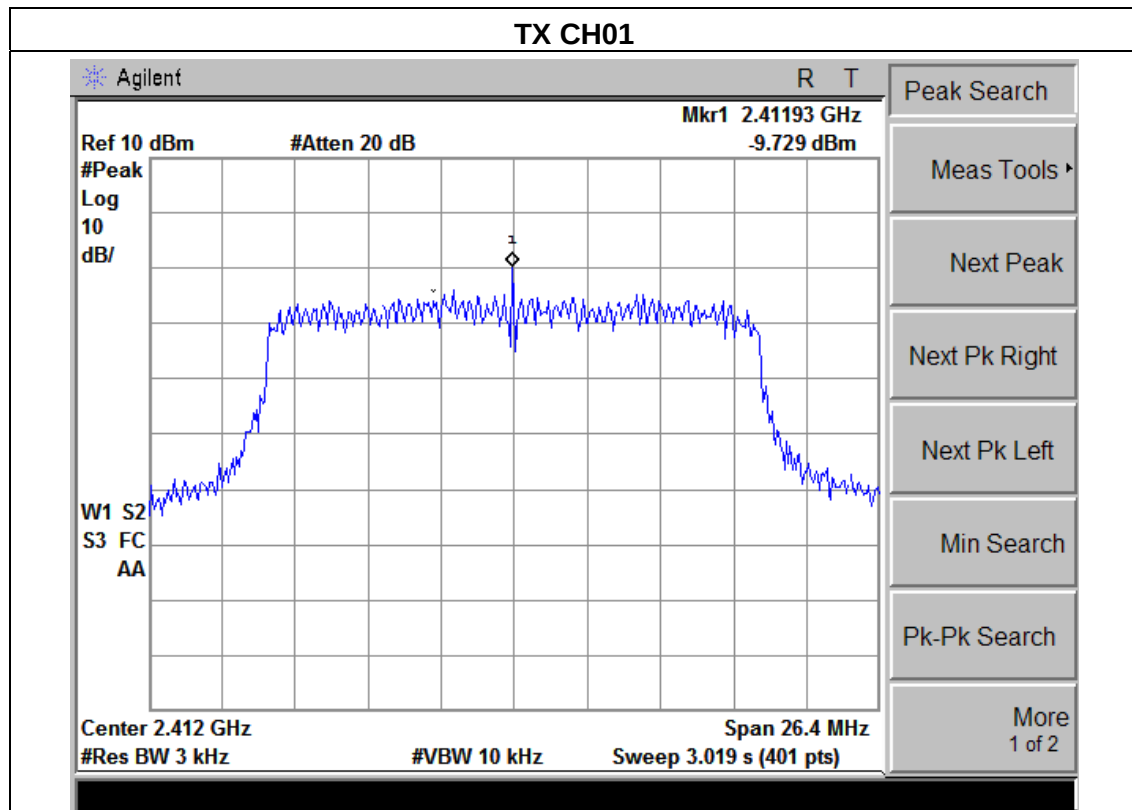
TX CH11



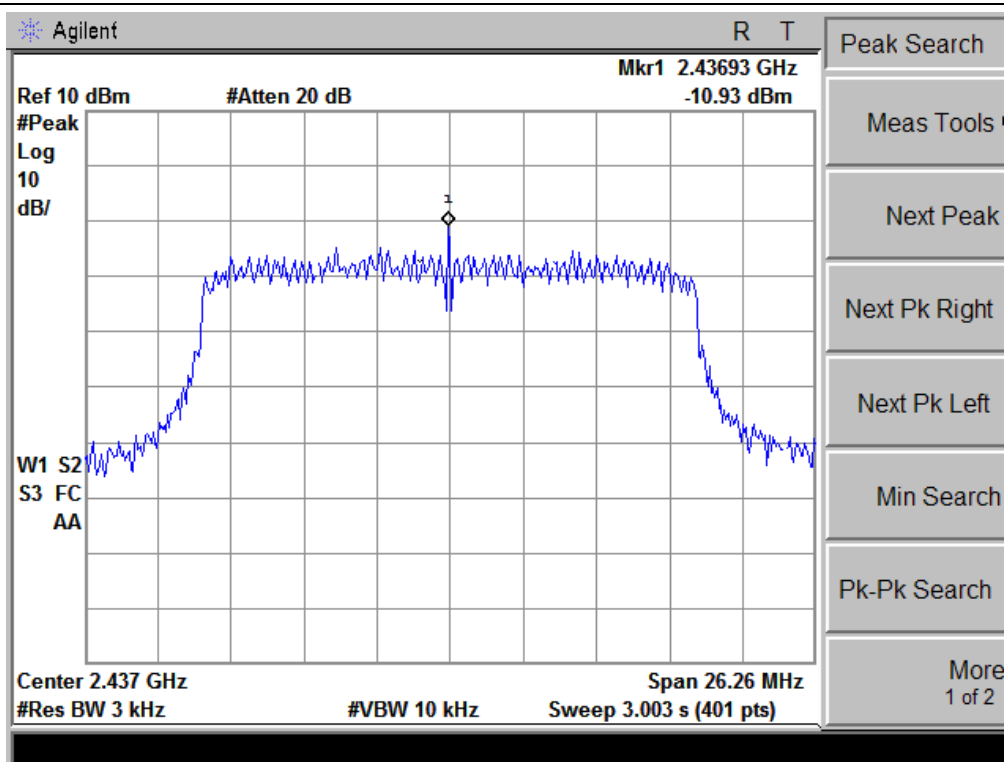


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX n(20) Mode /CH01, CH06, CH11		

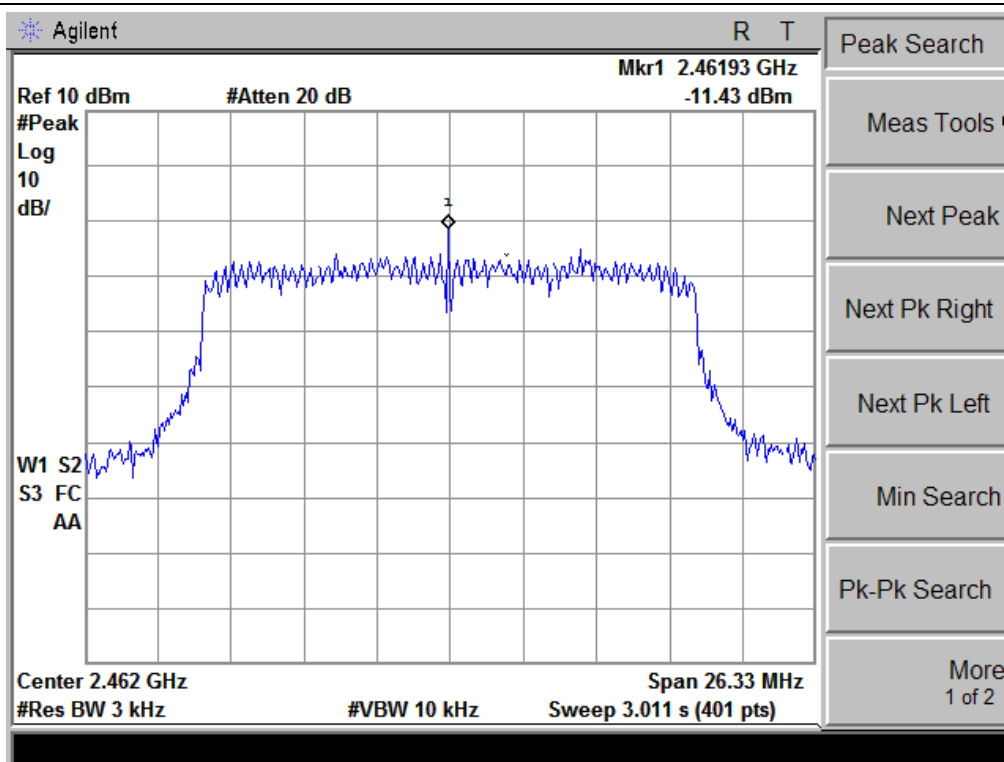
Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-9.73	8	PASS
2437 MHz	-10.93	8	PASS
2462 MHz	-11.43	8	PASS



TX CH06



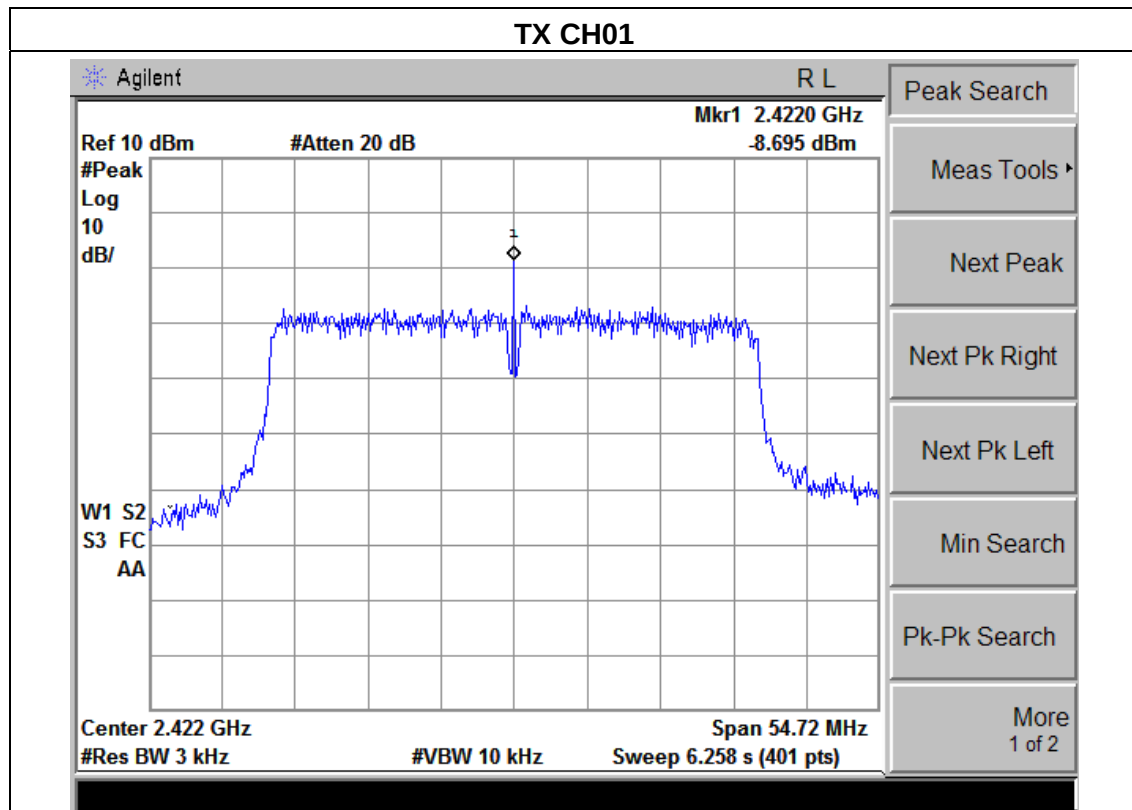
TX CH11



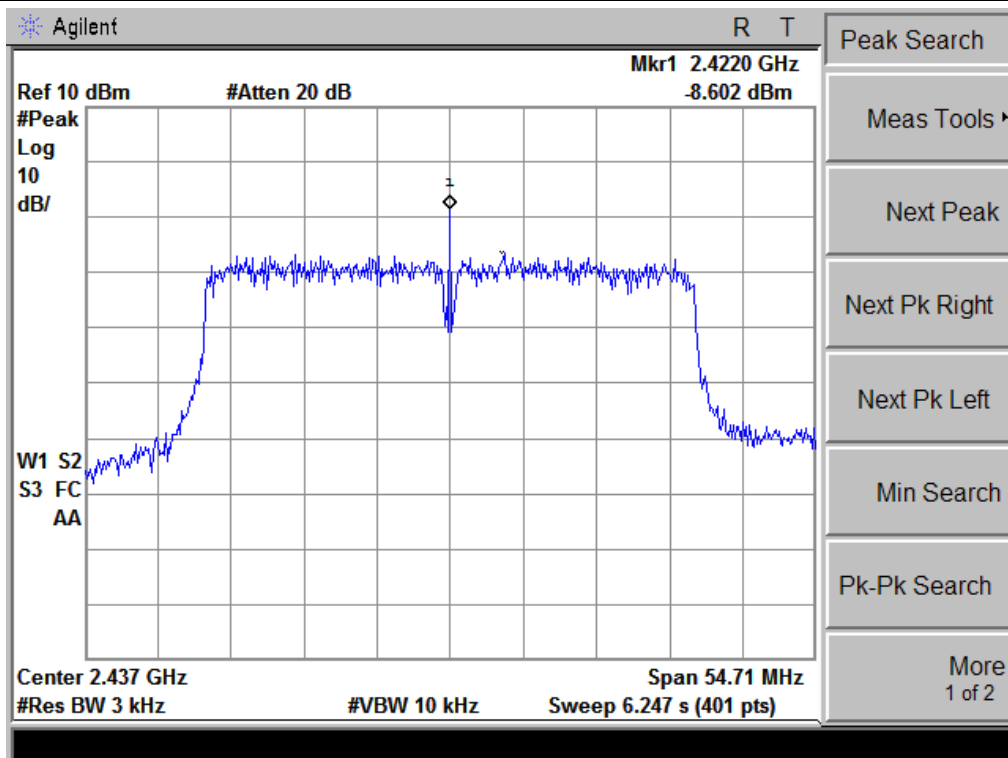


EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1015 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX n(40) Mode /CH03, CH06, CH09		

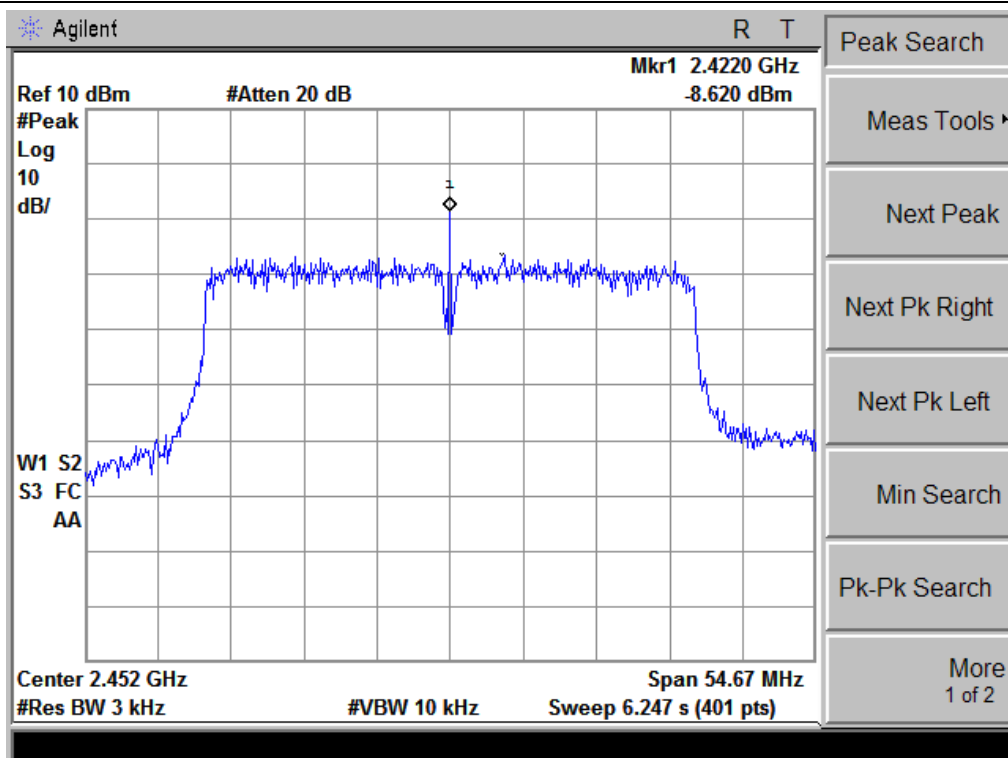
Frequency	Power Density (dBm)	Limit (dBm)	Result
2422 MHz	-8.695	8	PASS
2437 MHz	-8.602	8	PASS
2452 MHz	-8.620	8	PASS



TX CH06



TX CH11



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

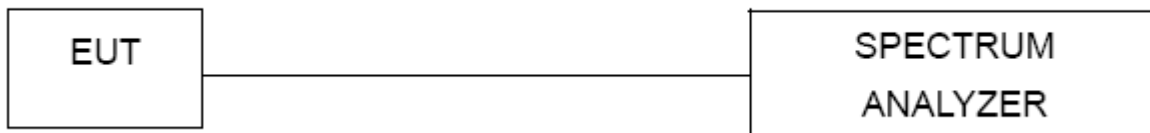
5.1.1 TEST PROCEDURE

1. Set resolution bandwidth (RBW) = 1-5% or DTS BW, not to exceed 100 kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



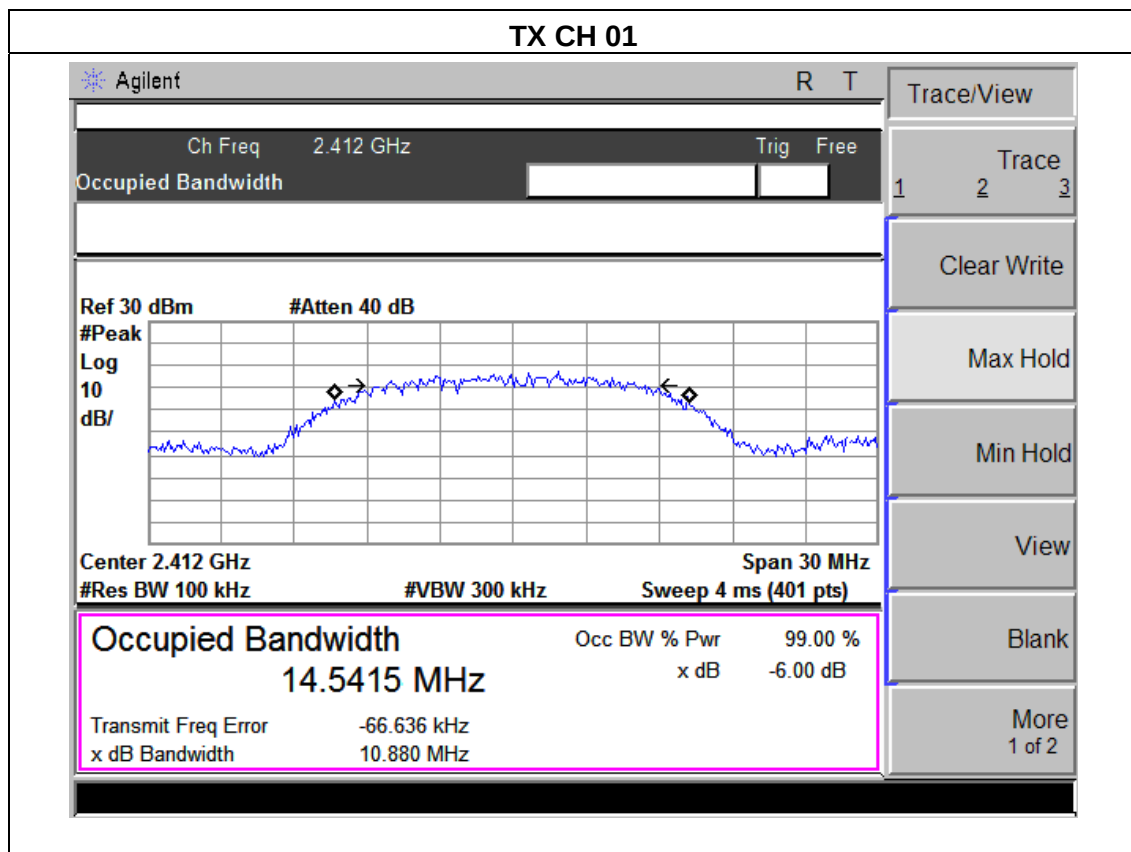
5.1.4 EUT OPERATION CONDITIONS

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.

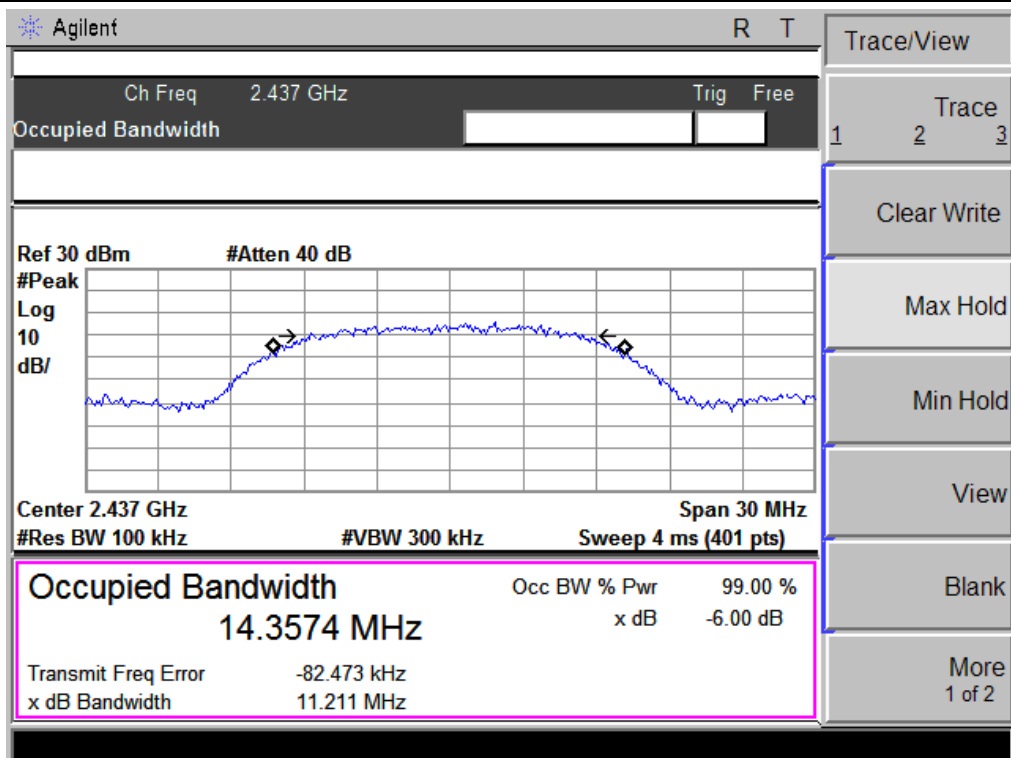
5.1.5 TEST RESULTS

EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX b Mode /CH01, CH06, CH11		

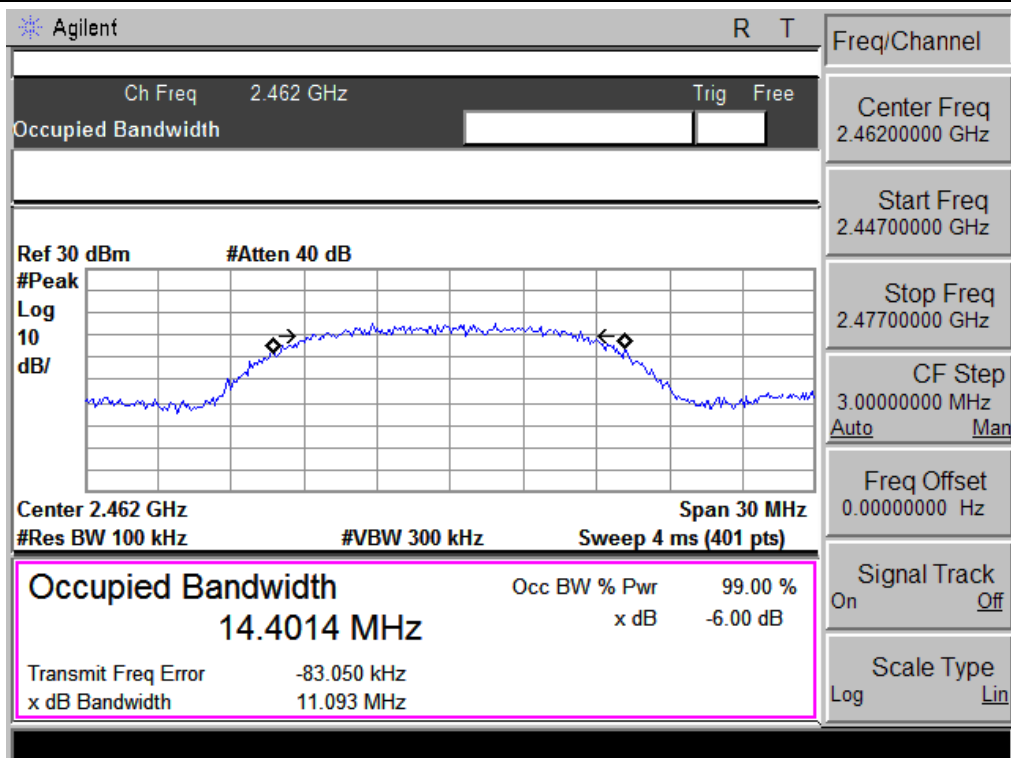
Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	10.88	>=500KHz	PASS
2437 MHz	11.21	>=500KHz	PASS
2462 MHz	11.09	>=500KHz	PASS



TX CH 06



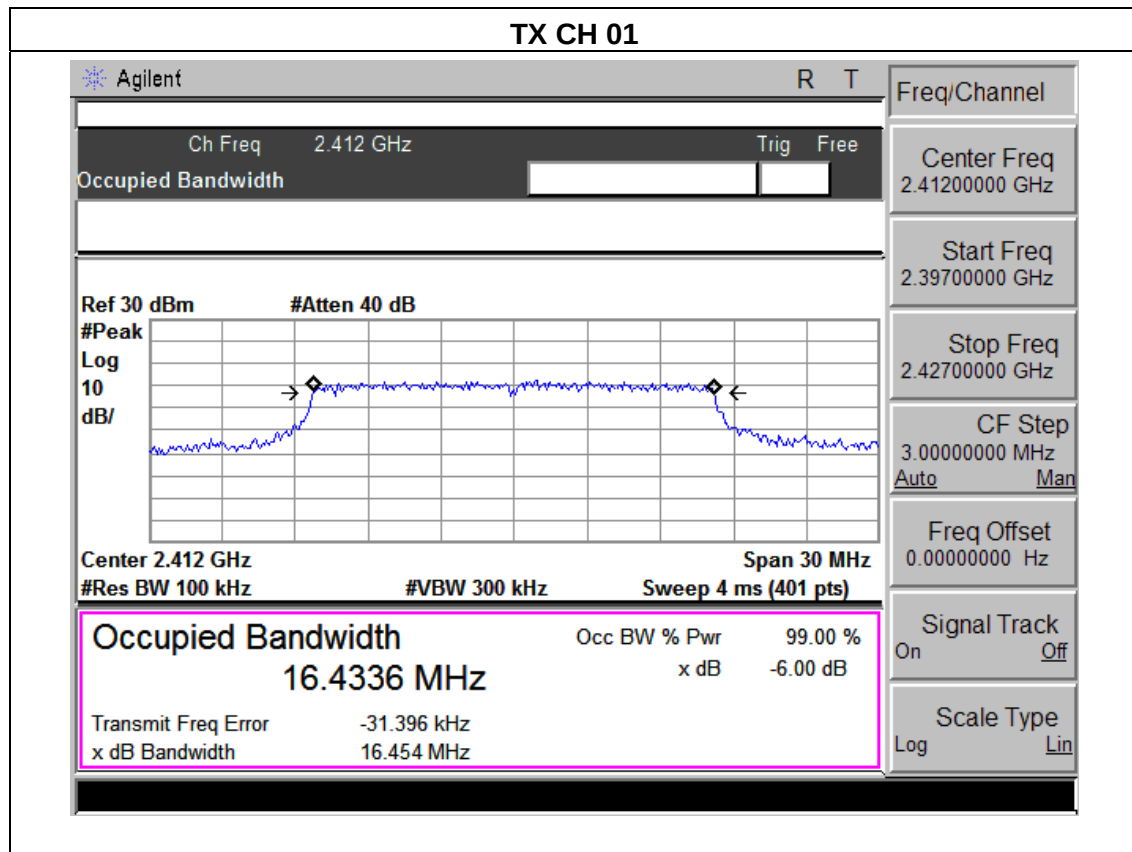
TX CH 11





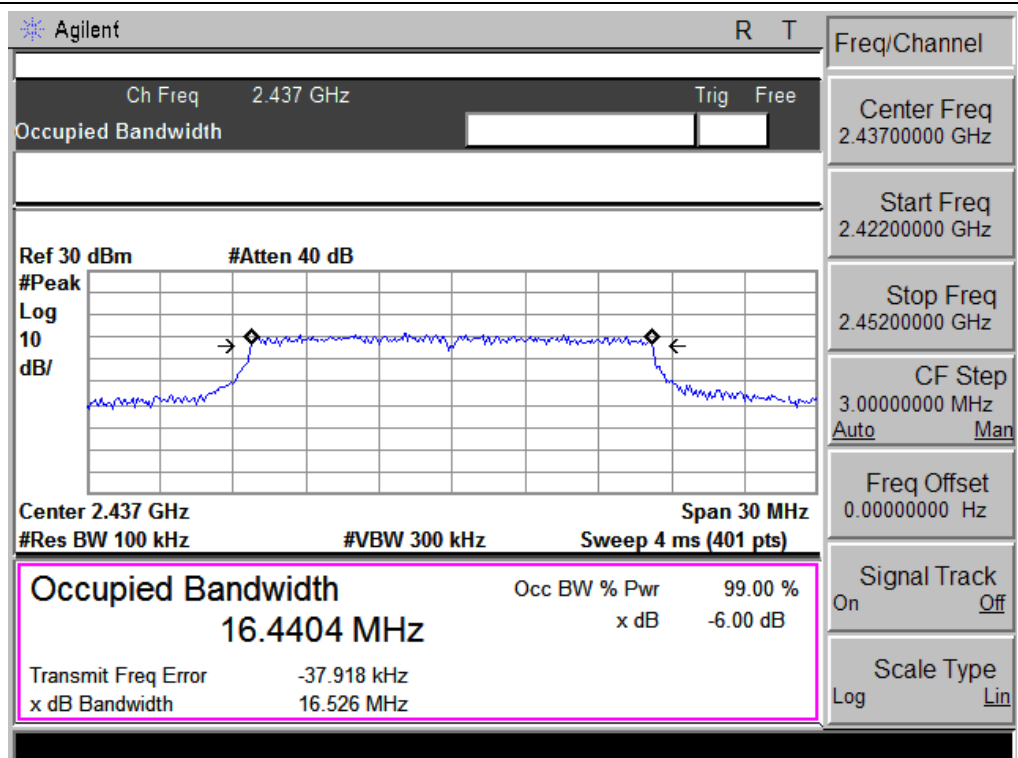
EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX g Mode /CH01, CH06, CH11		

Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	16.45	>=500KHz	PASS
2437 MHz	16.53	>=500KHz	PASS
2462 MHz	16.49	>=500KHz	PASS

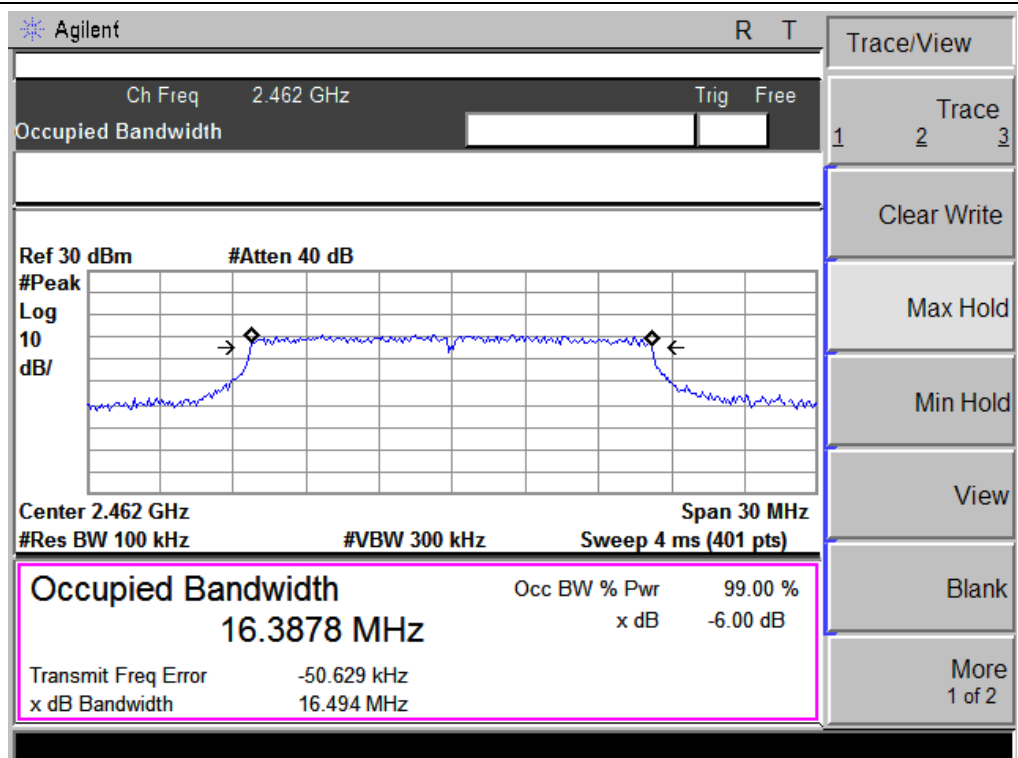




TX CH 06

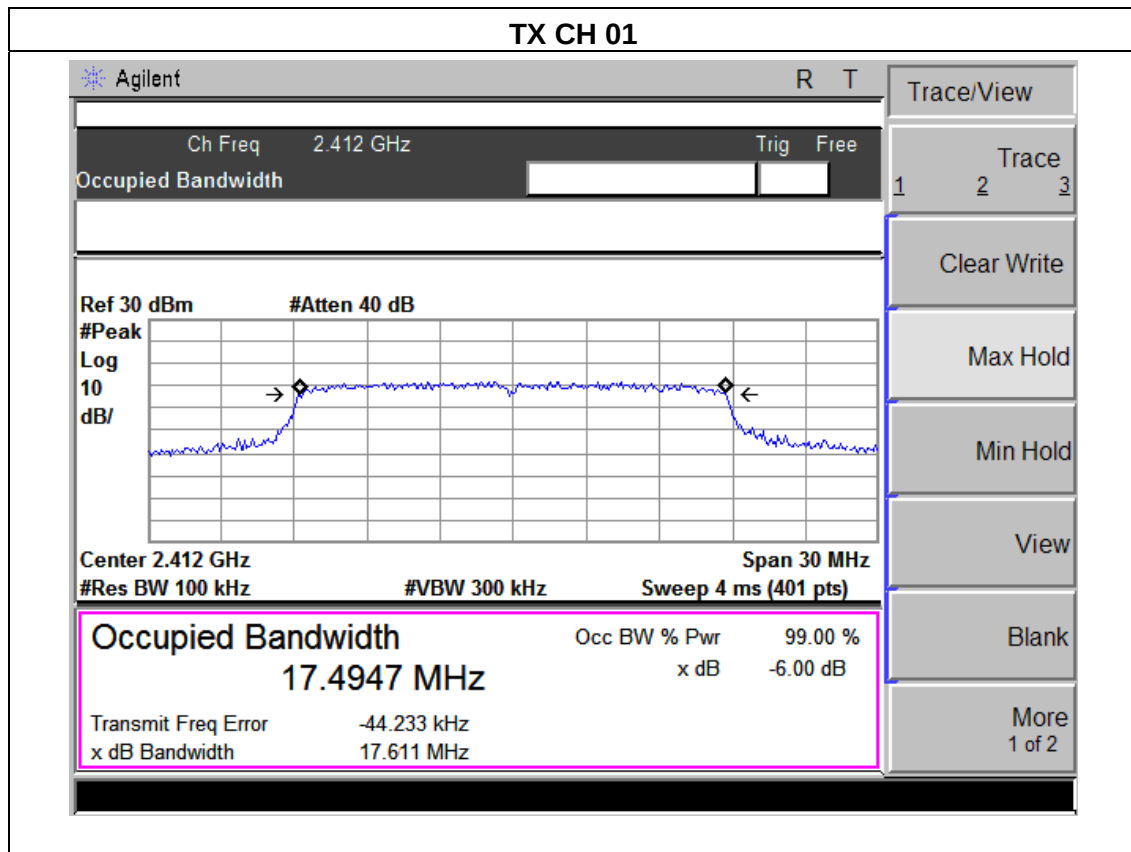


TX CH 11



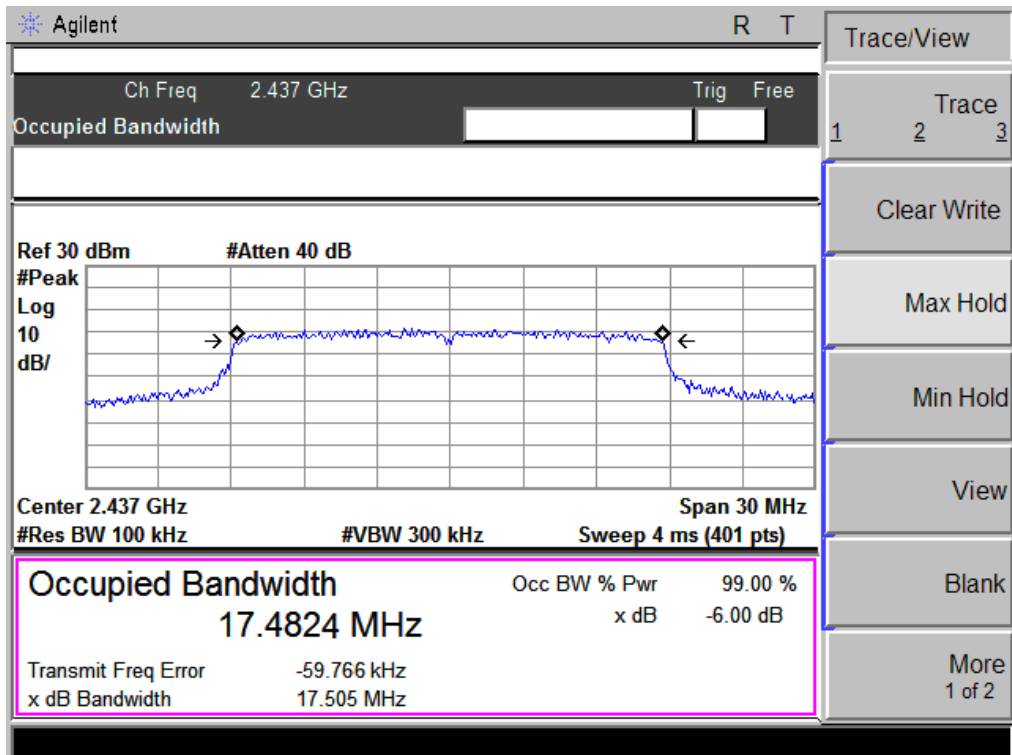
EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX n(20) Mode /CH01, CH06, CH11		

Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	17.61	>=500KHz	PASS
2437 MHz	17.51	>=500KHz	PASS
2462 MHz	17.55	>=500KHz	PASS

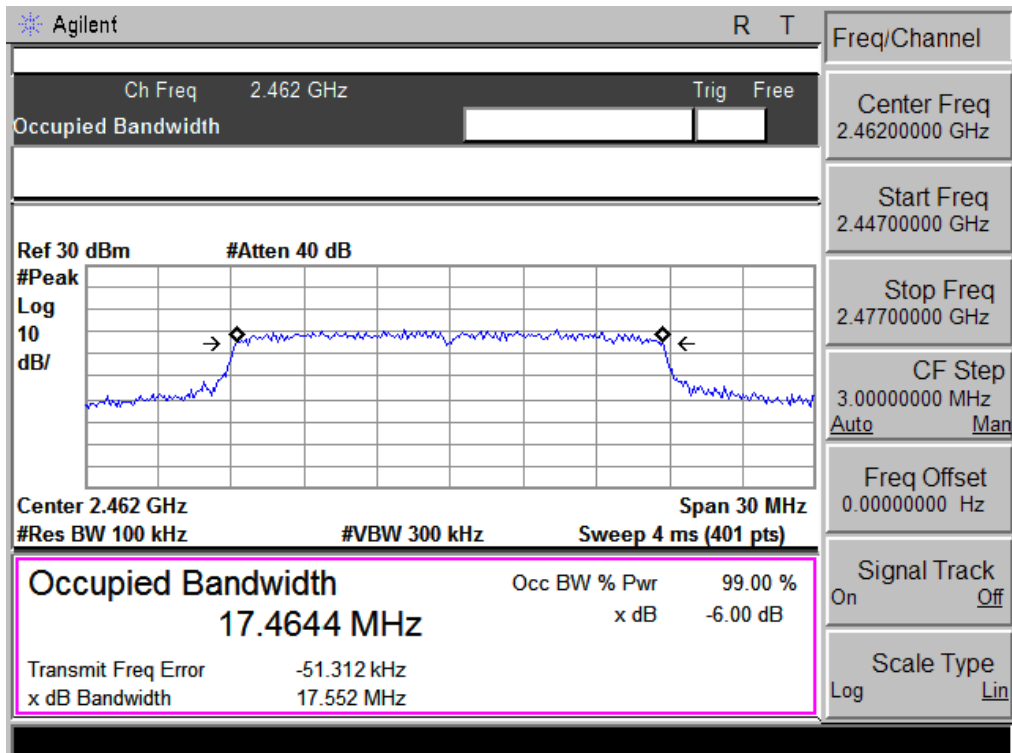




TX CH 06



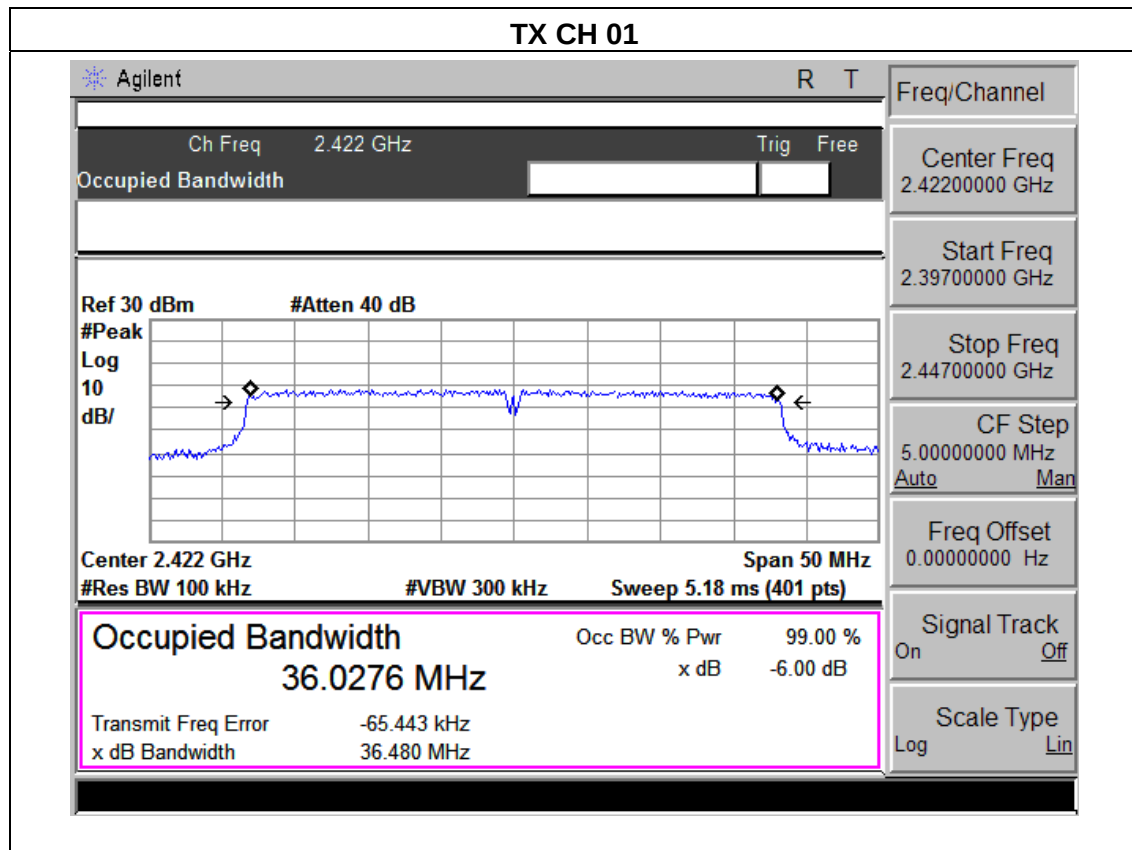
TX CH 11





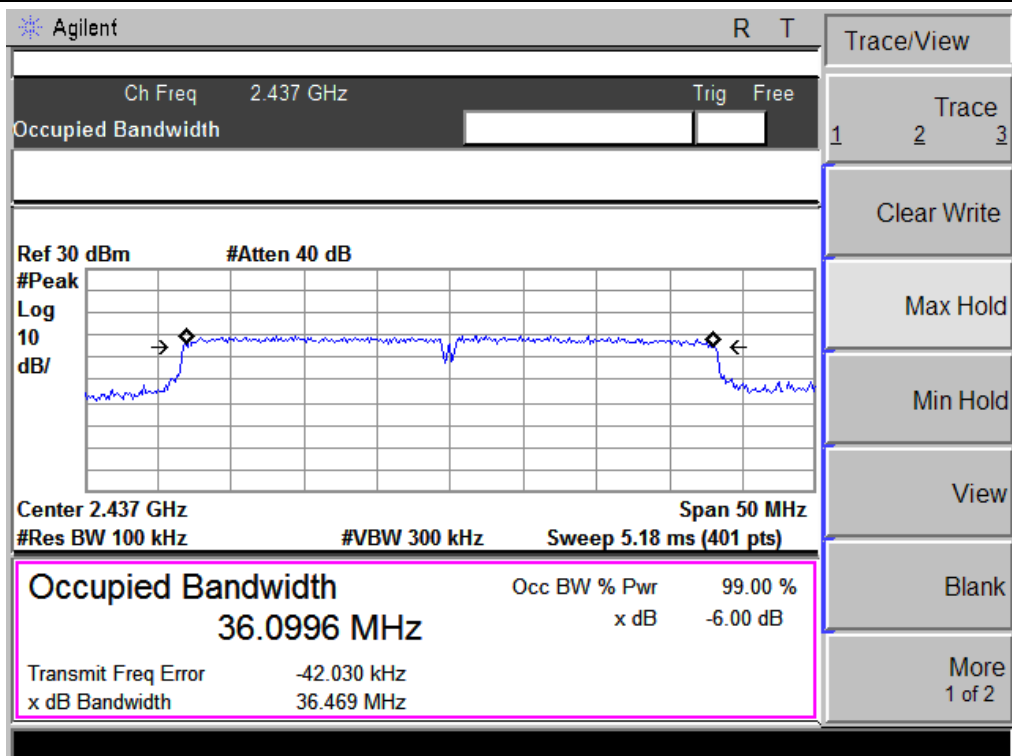
EUT :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX n(40) Mode /CH01, CH06, CH11		

Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2422 MHz	36.48	>=500KHz	PASS
2437 MHz	36.45	>=500KHz	PASS
2452 MHz	36.42	>=500KHz	PASS

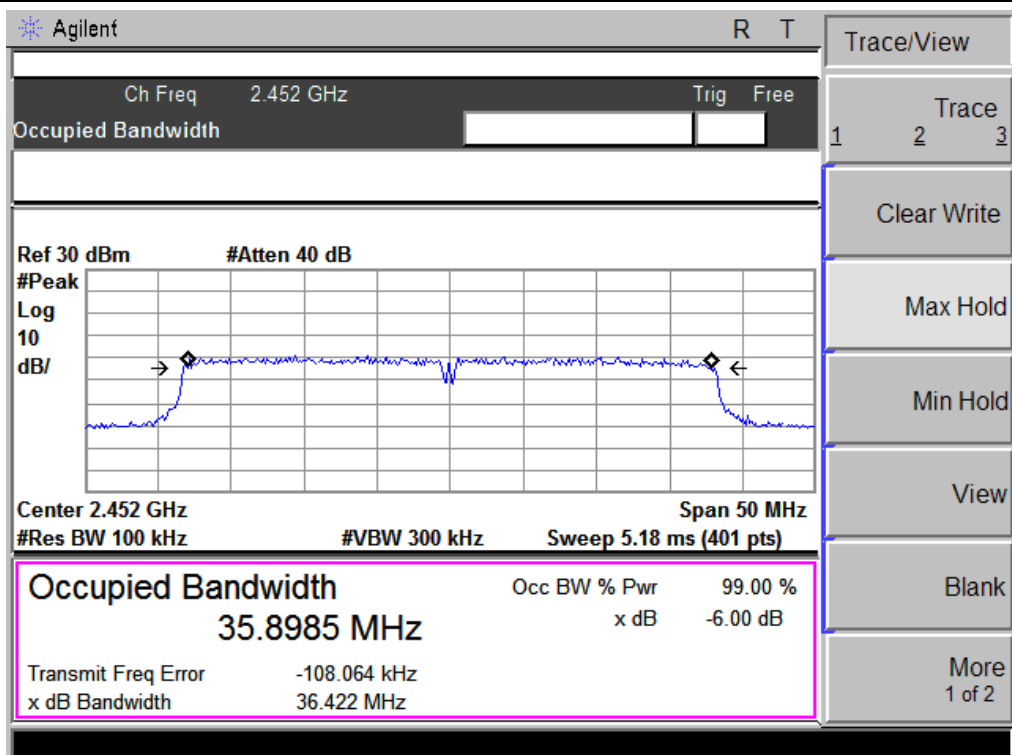




TX CH 06



TX CH 11



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)(3)	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 :	AOC Tablet	Model Name :	MW0713
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1012 hPa	Test Voltage :	DC 5V from adapter AC 120V/60Hz
Test Mode :	TX b/g/n Mode /CH01, CH06, CH11		

TX 802.11b Mode

Test Channel	Frequency	Maximum Peak Conducted Output Power	Maximum Conducted Output Power(AV)	LIMIT
	(MHz)	(dBm)	(dBm)	dBm
CH01	2412	12.59	9.57	30
CH06	2437	12.54	9.68	30
CH11	2462	12.51	9.62	30

TX 802.11g Mode

CH01	2412	10.79	7.78	30
CH06	2437	10.65	7.79	30
CH11	2462	10.53	7.45	30

TX 802.11n(20) Mode

CH01	2412	10.82	7.50	30
CH06	2437	10.66	7.87	30
CH11	2462	10.68	7.64	30

TX 802.11n(40) Mode

CH03	2422	9.54	6.89	30
CH06	2437	9.62	7.00	30
CH09	2452	9.38	6.73	30

7. ANTENNA REQUIREMENT

7.1 STANDARD REQUIREMENT

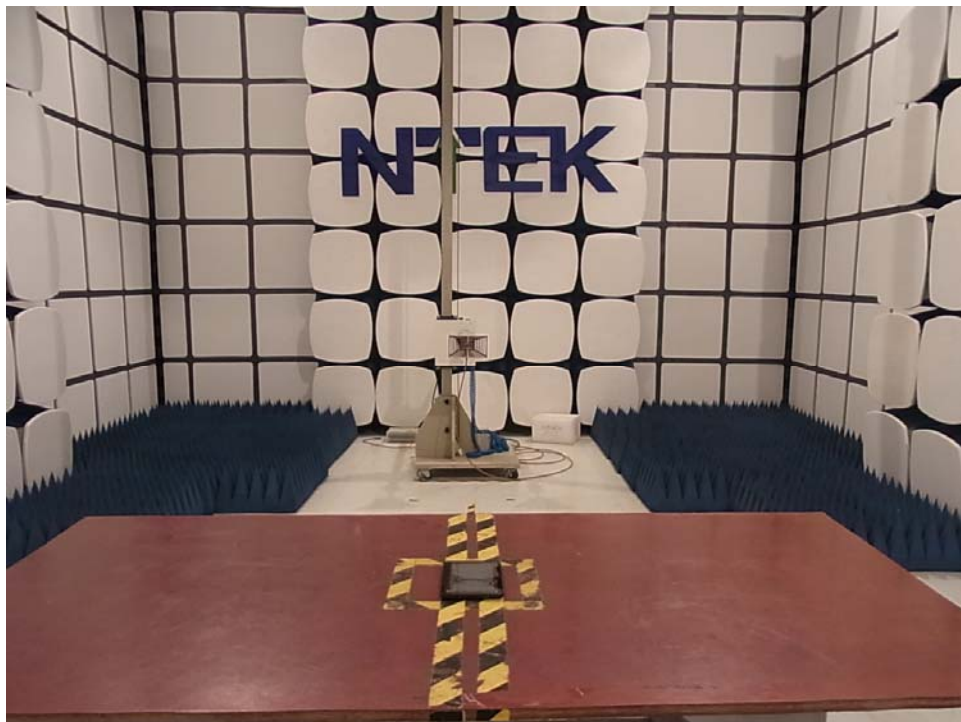
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.2 EUT ANTENNA

The EUT antenna is Integrated(FPCB) antenna. It comply with the standard requirement.

8. EUT TEST PHOTO

Radiated Measurement Photos



Conducted Measurement Photos(adapter1)



Conducted Measurement Photos(adapter2)



Conducted Measurement Photos(adapter3)

