

# FCC RADIO TEST REPORT FCC ID: 2AALIPC0007

Product: Tablet PC

Trade Name: Ployer

Model Name: MOMO20S

PC0007,MOMO20,MOMO20 Quad,

**Serial Model**: MOMO20HD,Q7pro-H10(A),

UTOK 1000Q, TAB101, QM101

Report No.: NTEK-2013NT0629741F

# **Prepared for**

Shenzhen Ployer Electronics Co.,Ltd

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

# Prepared by

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

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



# **TEST RESULT CERTIFICATION**

Report No.: NTEK- 2013NT0629741F

Address:	6F, Building 8, Yusheng Industrial Park, Gushu, Xixiang Town, Baoan District, Shenzhen, China			
Product description				
Product name:	Tablet PC	;		
Model and/or type reference :	MOMO20	S		
Serial Model :		MOMO20,MOMO20 Quad,MOMO20HD,Q7pro-H10(A) , 00Q,TAB101,QM101		
Standards:	FCC Part	15.247		
Test procedure	ANSI C63	3.4-2003		
	n complian	ted by NTEK, and the test results show that the ice with the FCC requirements. And it is applicable only t.		
•	ised by NT	t in full, without the written approval of NTEK, this FEK, personal only, and shall be noted in the revision of		
Date (s) of performance of tests.		20 Jun. 2013 ~30 Jun. 2013		
Date of Issue	:	30 Jun. 2013		
Test Result	:	Pass		
Testing Engine	eer : -	(Apple Huang)		
Technical Man	ager :	Tom Thang (Tom Zhang)		
Authorized Sig	natory :	(Bovey Yang)		



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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  $\mathbf{y} \pm \mathbf{U}$ , where expended uncertainty  $\mathbf{U}$  is based on a standard uncertainty multiplied by a coverage factor of  $\mathbf{k=2}$ , providing a level of confidence of approximately 95 %  $^{\circ}$ 

No.	Item	Uncertainty
1	Conducted Emission Test	±1.38dB
2	RF power,conducted	±0.16dB
3	Spurious emissions,conducted	±0.21dB
4	All emissions,radiated(<1G)	±4.68dB
5	All emissions,radiated(>1G)	±4.89dB
6	Temperature	±0.5°C
7	Humidity	±2%



# 2. GENERAL INFORMATION

#### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Tablet PC			
Trade Name	Ployer			
Model Name	MOMO20S			
Serial Model	PC0007,MOMO20,MOMO20Quad, MOMO20HD,Q7pro-H10(A), UTOK 1000Q,TAB101,QM101			
Model Difference	All the same, Only m	odel name is different		
Product Description	All the same,Only model name is different  The EUT is a Tablet PC  Operation   2412~2462 MHz  Frequency:   Modulation Type:   CCK/OFDM/DBPSK/DAPSK  Bit Rate of   802.11b:11/5.5/2/1 Mbps  Transmitter   802.11g:54/48/36/24/18/12/9/6  Mbps   802.11n: 78/52/6.5 Mbps  Number Of   11 CH, Please see Note 2.			
Channel List	Please refer to the N	lote 2.		
	Model: DSA-20PFE-	05 FUS		
Adapter	INPUT:100~240V,50/60Hz			
	OUTPUT:5V,3A			
Detten	Rated Voltage: 3.7V			
Battery	Charge Limit: 4.2V			
Connecting I/O Port(s)	Please refer to the U	Iser's Manual		

# 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	Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz)						Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	80	2447	11	2462
03	2422	06	2437	09	2452		

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3.

# Table for Filed Antenna

	able for thied through					
An	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
Α	N/A	N/A	FPCB antenna	N/A	2.0	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 CH1/ CH6/ CH11
Mode 4	Link Mode

For Conducted Emission			
Final Test Mode Description			
Mode 4	Link Mode		

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		

#### 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

E-1 EUT



# 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	Ployer	MOMO20S	N/A	EUT
E-2	Adapter	DVE	DSA-20PFE-05 FUS	N/A	
E-3	Earphone	N/A	N/A	N/A	

Ite	n Shielded Type	Ferrite Core	Length	Note
C-	I NO	NO	0.8M	
C-	2 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 <code>[Length]</code> 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	MY4510804 0	2012.07.06	2013.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2013.06.07	2014.06.06	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2012.07.06	2013.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	620026441 6	2013.06.07	2014.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2013.06.07	2014.06.06	1 year
6	Horn Antenna	EM	EM-AH-101 80	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	2013.06.08	2014.06.07	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

CONG	Conduction rest equipment									
Item		Manufactu	Type No.	Serial No.	Last	Calibrated	Calibration			
	Equipment	rer			calibration	until	period			
1	Test Receiver	R&S	ESCI	101160	2013.06.06	2014.06.05	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	2013.06.07	2014.06.06	1 year			
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	2013.06.07	2014.06.06	1 year			
6	Absorbing clamp	R&S	MOS-21	100423	2013.06.08	2014.06.07	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	Statitualu
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



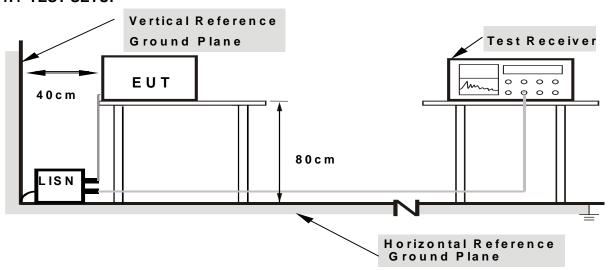
#### 3.1.2 TEST PROCEDURE

- a. 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.
- b. 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.
- c. 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. 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

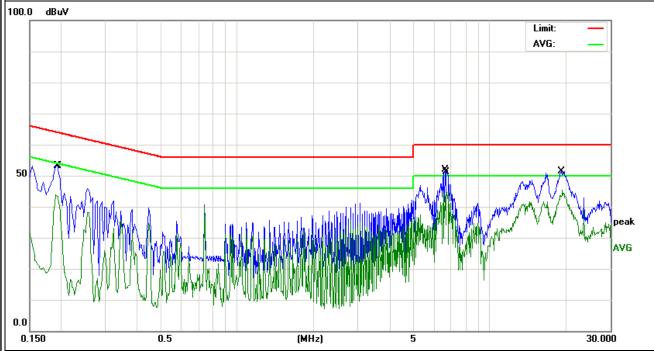
EUT:	Tablet PC	Model Name. :	MOMO20S
Temperature :	<b>26</b> ℃	Relative Humidity:	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode :	Mode 4

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type
0.19	33.38	10.4	43.78	54.03	-10.25	AVG
0.194	42.64	10.41	53.05	63.86	-10.81	QP
6.638	41.25	10.67	51.92	60	-8.08	QP
6.83	34.14	10.68	44.82	50	-5.18	AVG
19.146	40.61	10.76	51.37	60	-8.63	QP
19.338	34.52	10.76	45.28	50	-4.72	AVG

#### Remark:

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



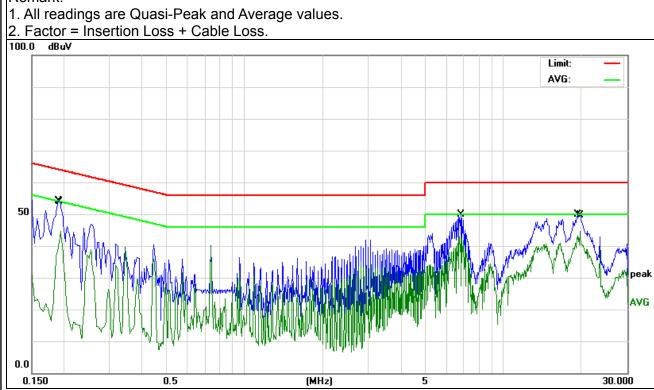


EUT:	Tablet PC	Model Name. :	MOMO20S
Temperature :	26 ℃	Relative Humidity:	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 4

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tyna	
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type	
0.19	43.73	10.44	54.17	64.03	-9.86	QP	
0.194	34.23	10.44	44.67	53.86	-9.19	AVG	
6.826	39.16	10.68	49.84	60	-10.16	QP	
6.826	32.54	10.68	43.22	50	-6.78	AVG	
19.398	39.03	10.73	49.76	60	-10.24	QP	
19.718	33.77	10.74	44.51	50	-5.49	AVG	

#### Remark:





#### 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	Field Strength	Measurement Distance	
(MHz)	(micorvolts/meter)	(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 (dBu	V/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	4 Mile / 4 Mile for Dook 4 Mile / 40//e for Average		
band)	1 MHz / 1 MHz for Peak, 1 MHz / <i>10Hz</i> 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.

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- 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

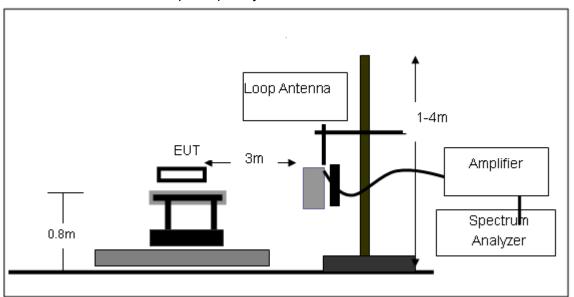
#### 3.2.3 DEVIATION FROM TEST STANDARD

No deviation

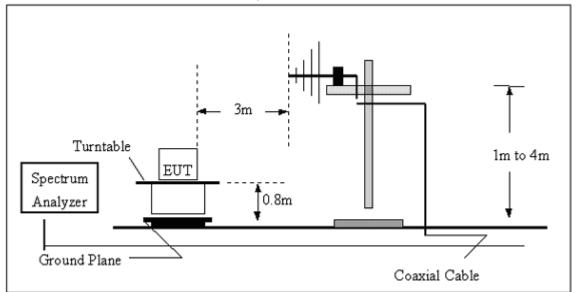


# 3.2.4 TEST SETUP

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

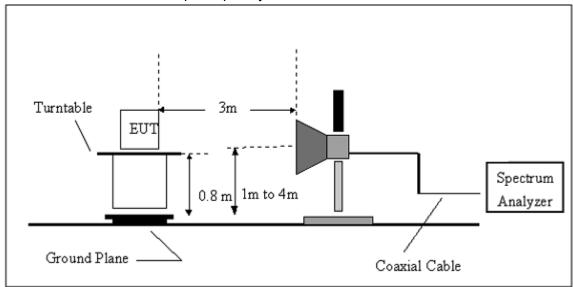


(B) Radiated Emission Test-Up Frequency 30MHz~1GHz





# (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. :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode:	TX	Polarization :	

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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 (specific distance/test distance)(dB);

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

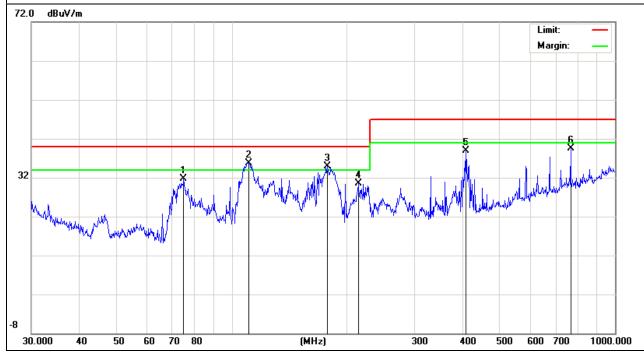


# 3.2.7 TEST RESULTS (BETWEEN 30MHZ - 1GHZ)

EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	TX	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
74.9191	25.01	6.74	31.75	40	-8.25	QP
110.5687	24.34	11.44	35.78	40	-4.22	QP
177.5091	25.17	9.68	34.85	40	-5.15	QP
213.7633	21.08	9.4	30.48	40	-9.52	QP
408.946	21.21	17.61	38.82	47	-8.18	QP
766.0571	15.28	24.22	39.5	47	-7.5	QP

#### Remark:



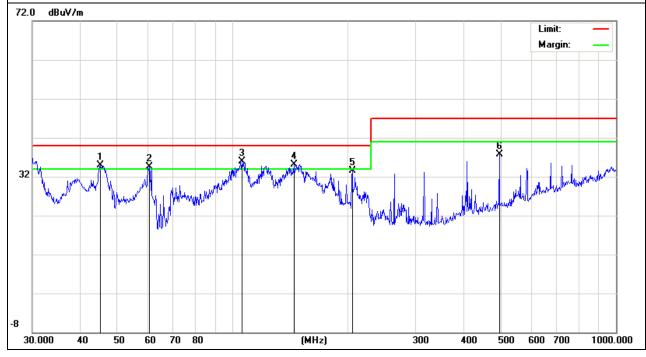


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	TX	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
45.0583	24.24	10.58	34.82	40	-5.18	QP
60.7043	29.4	5.18	34.58	40	-5.42	QP
105.6414	25.01	10.99	36	40	-4	QP
144.3348	23.28	11.92	35.2	40	-4.8	QP
204.955	24.68	8.89	33.57	40	-6.43	QP
495.9343	18.46	19.3	37.76	47	-9.24	QP

# Remark:



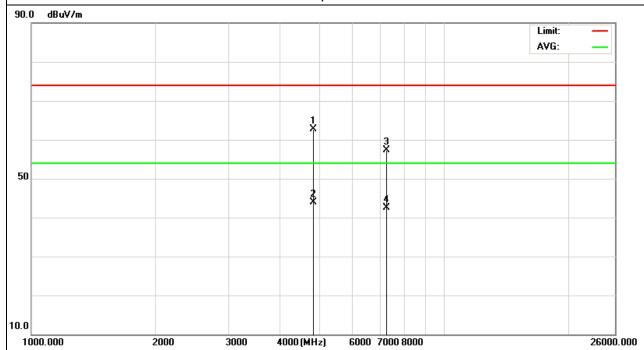


3.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824.173	52.22	10.44	62.66	74	-11.34	peak
4824.173	33.4	10.44	43.84	54	-10.16	AVG
7236.276	45	12.39	57.39	74	-16.61	peak
7236.276	30.19	12.39	42.58	54	-11.42	AVG

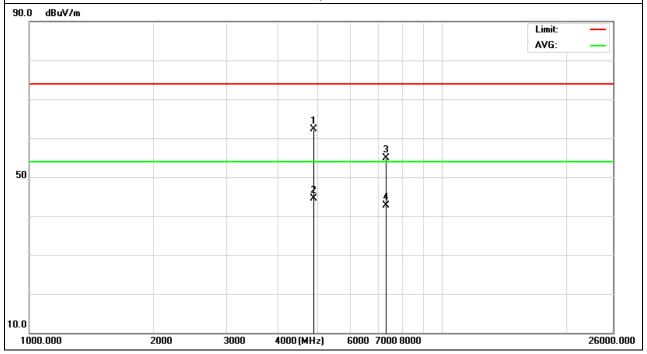
#### Remark:





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Vertical

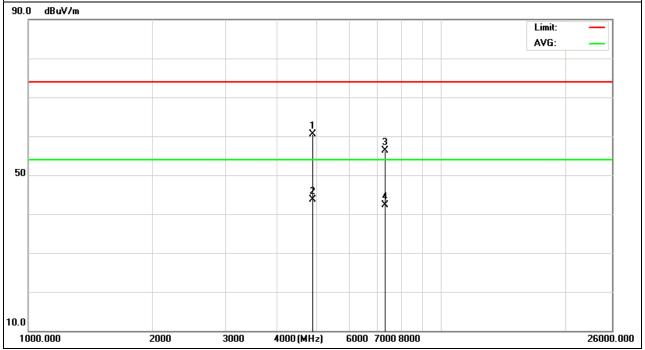
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotoctor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874.197	51.95	10.4	62.35	74	-11.65	peak
4874.197	34.06	10.4	44.46	54	-9.54	AVG
7311.329	42.08	12.75	54.83	74	-19.17	peak
7311.329	29.87	12.75	42.62	54	-11.38	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH6 (802.11b Mode)	Polarization :	Horizontal

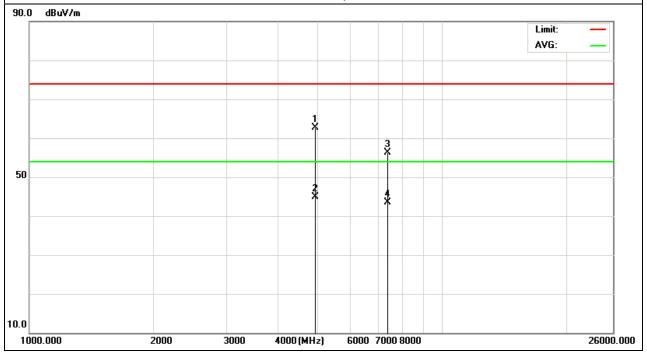
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
4874.373	50.07	10.4	60.47	74	-13.53	peak
4874.373	33.27	10.4	43.67	54	-10.33	AVG
7311.225	43.48	12.75	56.23	74	-17.77	peak
7311.225	29.53	12.75	42.28	54	-11.72	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
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)	
4924.121	52.38	10.39	62.77	74	-11.23	peak
4934.121	34.42	10.44	44.86	54	-9.14	AVG
7386.209	43.71	12.68	56.39	74	-17.61	peak
7386.209	30.8	12.68	43.48	54	-10.52	AVG





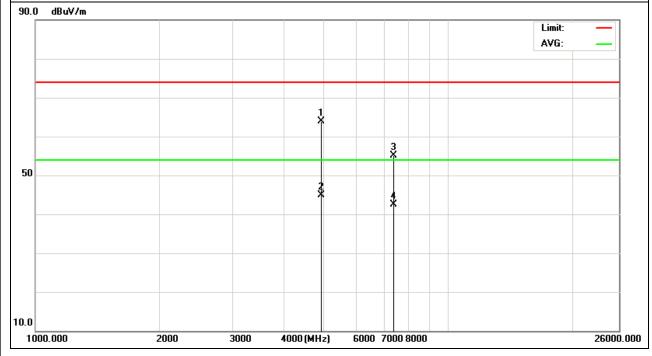
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Horizontal

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Data atau Tura
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924.374	53.43	10.39	63.82	74	-10.18	peak
4924.374	34.58	10.39	44.97	54	-9.03	AVG
7386.293	42.5	12.68	55.18	74	-18.82	peak
7386.293	29.87	12.68	42.55	54	-11.45	AVG

#### Remark:

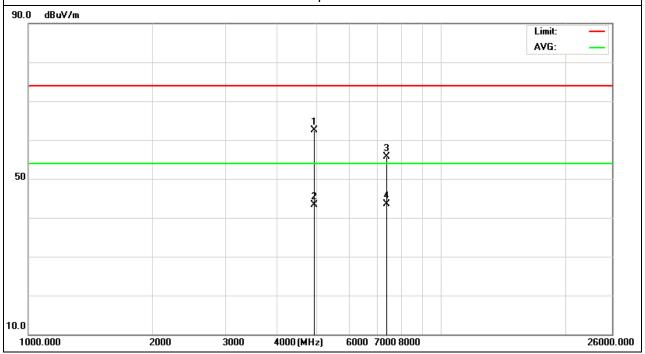
- 1. Factor = Antenna Factor + Cable Loss Pre-amplifier.
- 2. No emission detected above 18GHz





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Vertical

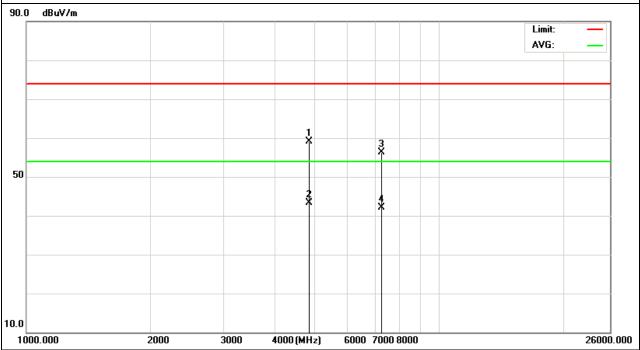
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Data atau Tura
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924.374	52.07	10.39	62.46	74	-11.54	peak
4924.374	32.97	10.39	43.36	54	-10.64	AVG
7386.293	43.03	12.68	55.71	74	-18.29	peak
7386.293	30.79	12.68	43.47	54	-10.53	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Horizontal

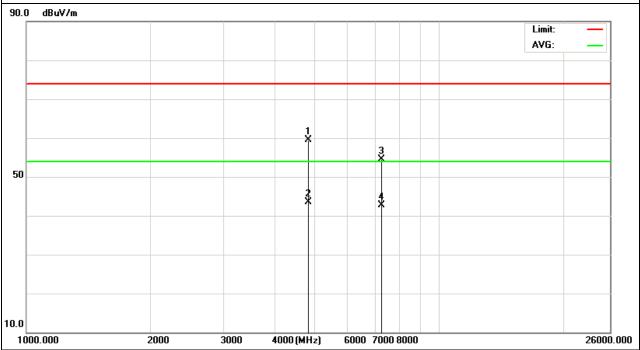
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Tyre
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824.442	48.68	10.44	59.12	74	-14.88	peak
4824.442	32.92	10.44	43.36	54	-10.64	AVG
7236.284	43.82	12.39	56.21	74	-17.79	peak
7236.284	29.71	12.39	42.1	54	-11.9	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Vertical

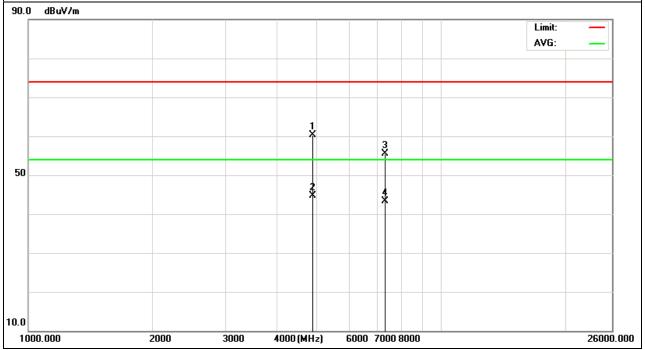
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	D T
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824.192	49	10.44	59.44	74	-14.56	peak
4824.192	33.07	10.44	43.51	54	-10.49	AVG
7236.308	42.21	12.39	54.6	74	-19.4	peak
7236.308	30.35	12.39	42.74	54	-11.26	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Horizontal

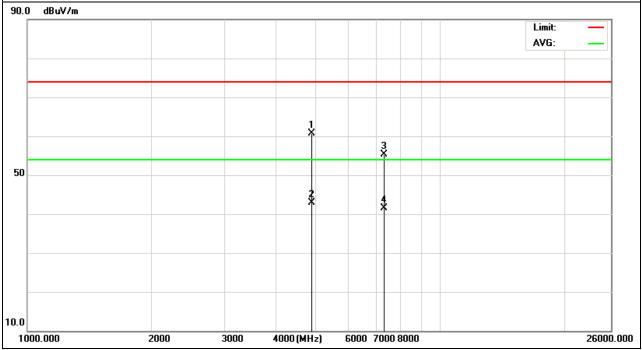
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874.364	49.93	10.4	60.33	74	-13.67	peak
4874.364	34.32	10.4	44.72	54	-9.28	AVG
7311.253	42.66	12.75	55.41	74	-18.59	peak
7311.253	30.6	12.75	43.35	54	-10.65	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Vertical

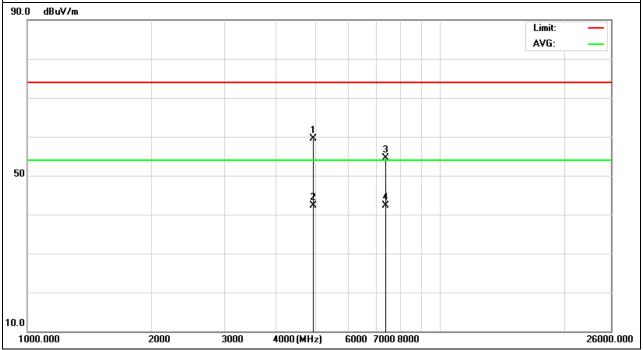
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
4874.225	50.26	10.4	60.66	74	-13.34	peak
4874.225	32.44	10.4	42.84	54	-11.16	AVG
7311.425	42.57	12.75	55.32	74	-18.68	peak
7311.425	28.74	12.75	41.49	54	-12.51	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11 (802.11g Mode)	Polarization :	Horizontal

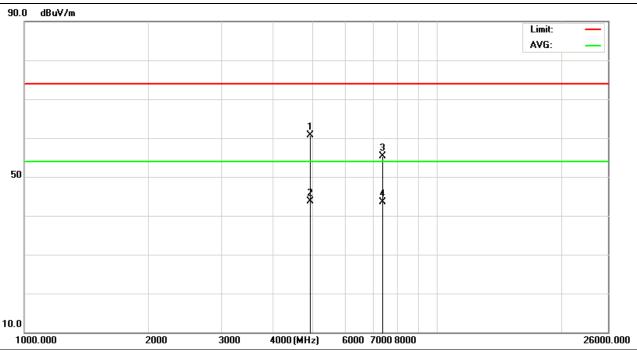
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924.481	49.1	10.39	59.49	74	-14.51	peak
4924.481	31.94	10.39	42.33	54	-11.67	AVG
7386.326	41.84	12.68	54.52	74	-19.48	peak
7386.326	29.63	12.68	42.31	54	-11.69	AVG





		_	
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

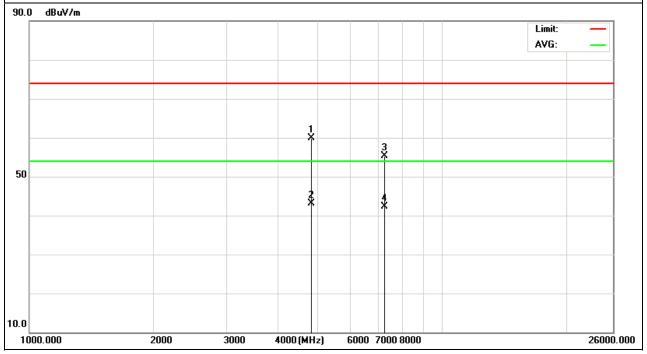
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
4924.387	50.39	10.39	60.78	74	-13.22	peak
4924.387	33.23	10.39	43.62	54	-10.38	AVG
7386.109	42.68	12.68	55.36	74	-18.64	peak
7386.109	30.87	12.68	43.55	54	-10.45	AVG





EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
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)	
4824.117	49.44	10.44	59.88	74	-14.12	peak
4824.117	32.71	10.44	43.15	54	-10.85	AVG
7236.231	42.83	12.39	55.22	74	-18.78	peak
7236.231	29.92	12.39	42.31	54	-11.69	AVG



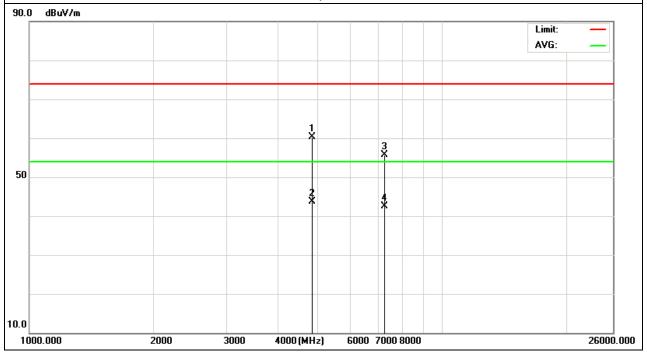


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1 (802.11n Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824.385	49.81	10.44	60.25	74	-13.75	peak
4824.385	33.26	10.44	43.7	54	-10.3	AVG
7236.478	43.24	12.39	55.63	74	-18.37	peak
7236.478	30.02	12.39	42.41	54	-11.59	AVG

### Remark:

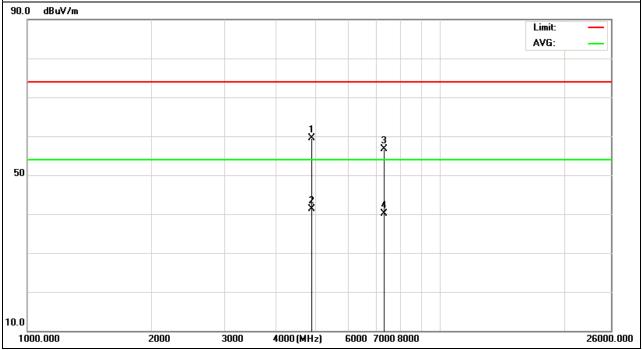




EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH6 (802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874.335	49.12	10.4	59.52	74	-14.48	peak
4874.335	30.89	10.4	41.29	54	-12.71	AVG
7311.288	43.95	12.75	56.7	74	-17.3	peak
7311.288	27.35	12.75	40.1	54	-13.9	AVG

### Remark:



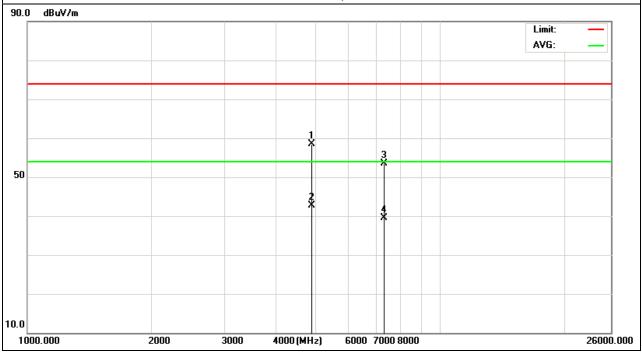


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH6 (802.11n Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874.156	48.07	10.4	58.47	74	-15.53	peak
4874.156	32.39	10.4	42.79	54	-11.21	AVG
7311.213	40.79	12.75	53.54	74	-20.46	peak
7311.213	26.66	12.75	39.41	54	-14.59	AVG

## Remark:





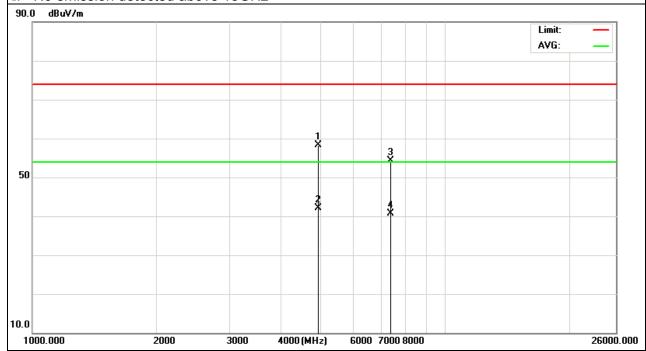
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11 (802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924.395	47.92	10.39	58.31	74	-15.69	peak
4924.395	31.75	10.39	42.14	54	-11.86	AVG
7386.244	41.59	12.68	54.27	74	-19.73	peak
7386.244	27.94	12.68	40.62	54	-13.38	AVG

### Remark:

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

4. No emission detected above 18GHz

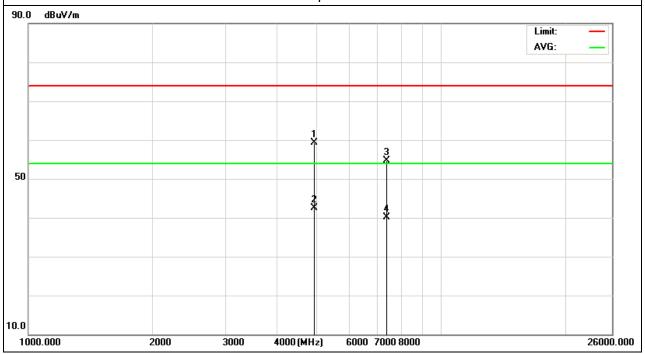




EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11 (802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924.374	48.94	10.39	59.33	74	-14.67	peak
4924.374	32.09	10.39	42.48	54	-11.52	AVG
7386.293	42.09	12.68	54.77	74	-19.23	peak
7386.293	27.52	12.68	40.2	54	-13.8	AVG

### Remark:



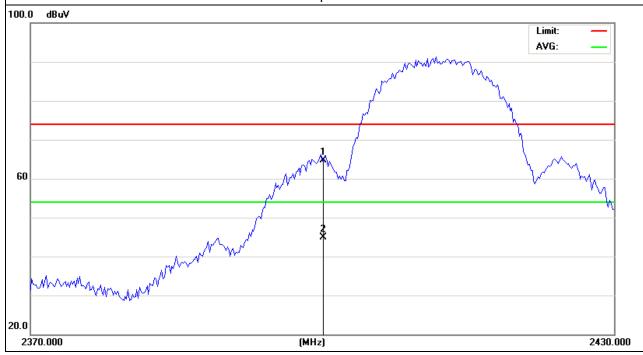


# **Band Edge Emission:**

EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1(802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Turns
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	77.67	-12.99	64.68	74	-9.32	peak
2400	57.88	-12.99	44.89	54	-9.11	AVG

### Remark:



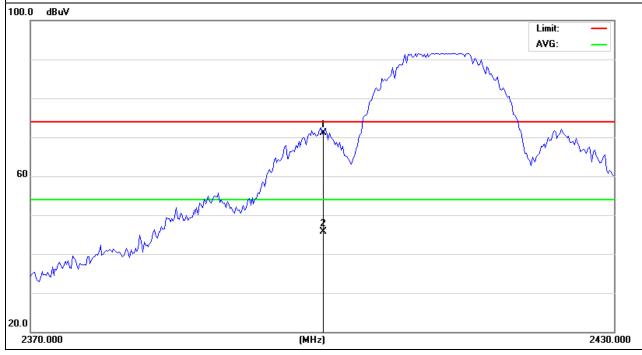


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :		Relative Humidity:	48%
Pressure :	1010 hPa	,	DC 3.7V
Test Mode :	CH1(802.11b Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	84.13	-12.99	71.14	74	-2.86	peak
2400	58.62	-12.99	45.63	54	-8.37	AVG

## Remark:

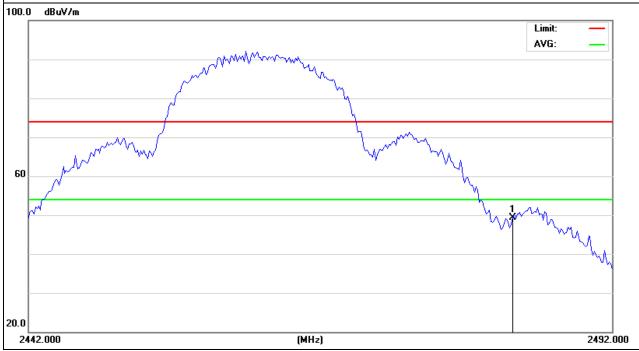




EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	62.05	-12.78	49.27	74	-24.73	peak

## Remark:



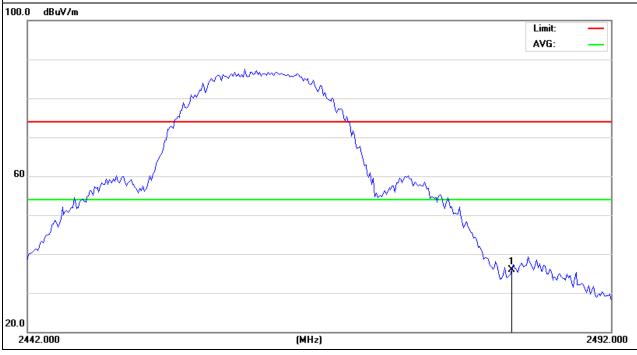


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11b Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	48.7	-12.78	35.92	74	-38.08	peak

## Remark:



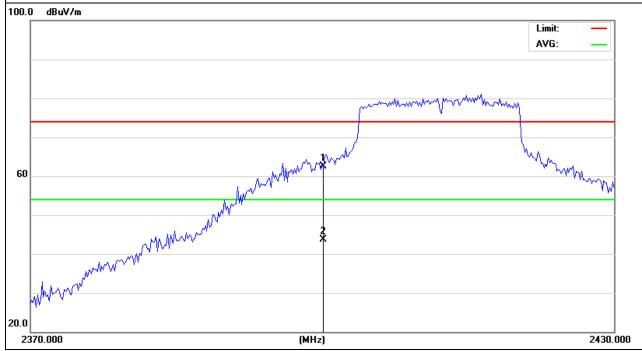


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1(802.11g Mode)	Polarization :	Horizontal

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	75.42	-12.99	62.43	74	-11.57	peak
2400	56.74	-12.99	43.75	54	-10.25	AVG

## Remark:



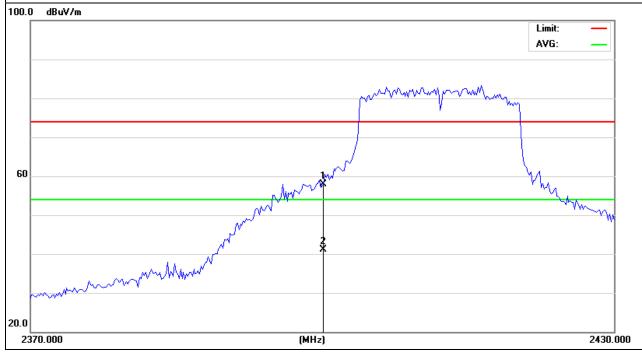


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1(802.11gMode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	70.98	-12.99	57.99	74	-16.01	peak
2400	54.1	-12.99	41.11	54	-12.89	AVG

## Remark:

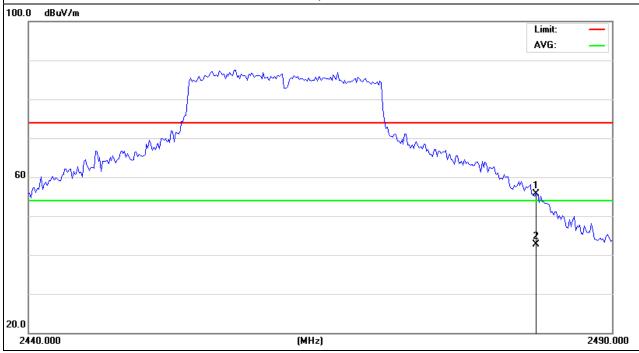




EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	68.56	-12.78	55.78	74	-18.22	peak
2483.5	55.43	-12.78	42.65	54	-11.35	AVG

## Remark:



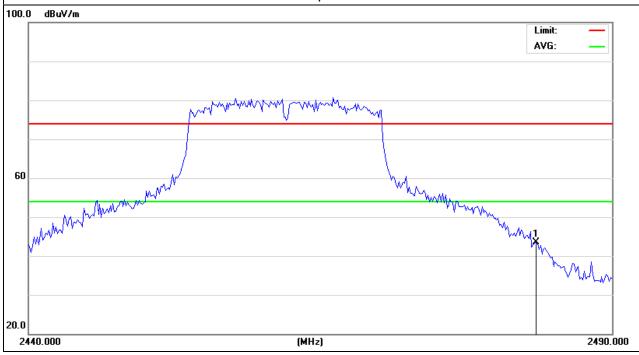


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	56.25	-12.78	43.47	74	-30.53	peak

## Remark:



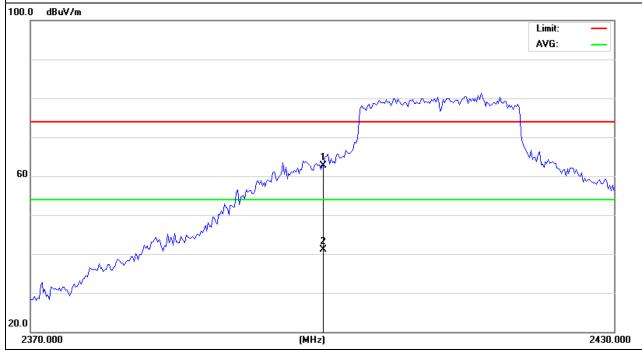


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1(802.11n Mode)	Polarization :	Horizontal

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	75.64	-12.99	62.65	74	-11.35	peak
2400	54.07	-12.99	41.08	54	-12.92	AVG

## Remark:



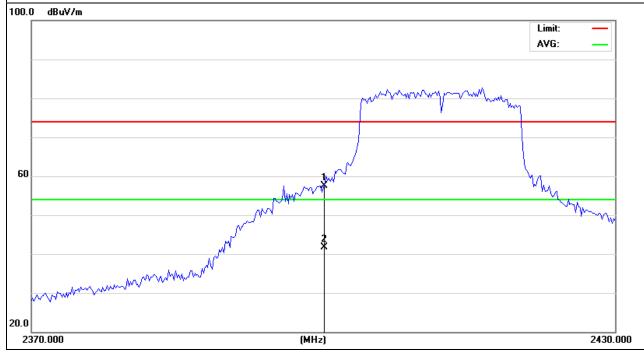


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH1(802.11n Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Turns
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	70.41	-12.99	57.42	74	-16.58	peak
2400	54.67	-12.99	41.68	54	-12.32	AVG

## Remark:



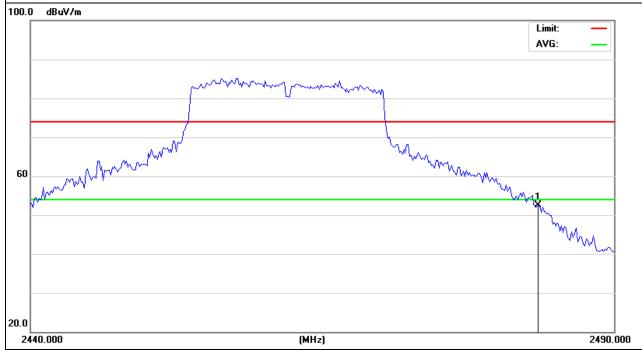


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EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	65.36	-12.78	52.58	74	-21.42	peak

## Remark:



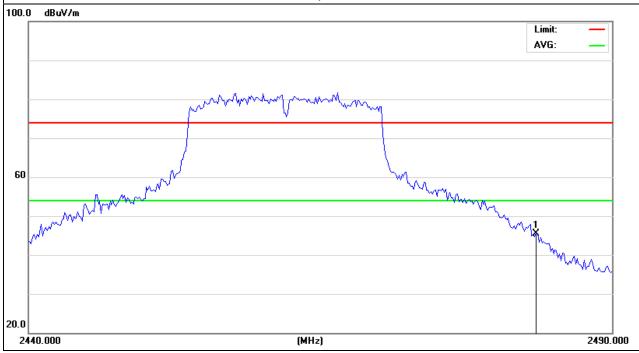


EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH11(802.11n Mode)	Polarization :	Vertical

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Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	58.29	-12.78	45.51	74	-28.49	peak

## Remark:





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#### 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 ≥  $3 \times RBW$ .
- 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

EUT	SPECTRUM
	ANALYZER

#### 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.

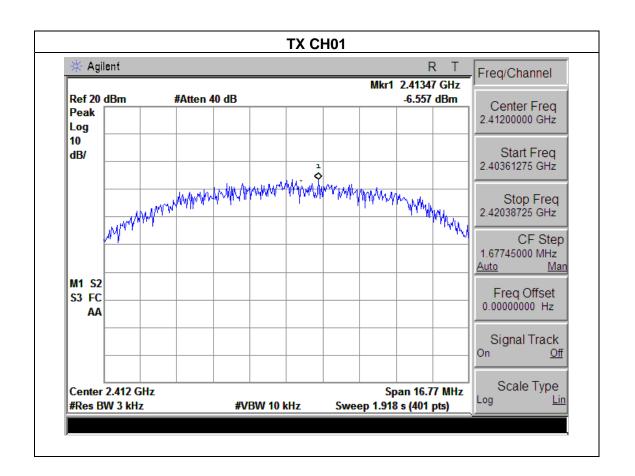


### 4.1.5 TEST RESULTS

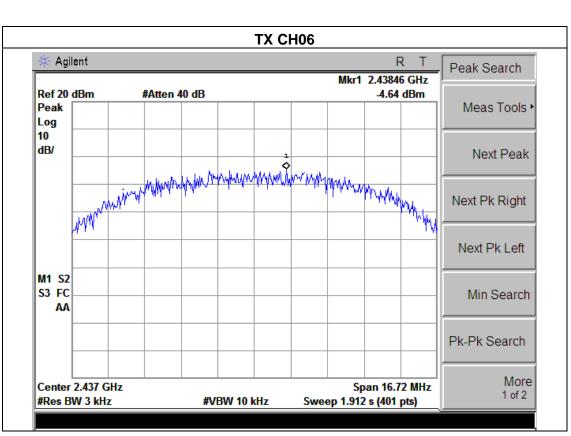
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1015 hPa	Test Voltage :	DC 3.7V
Test Mode : TX b Mode /CH01, CH06, CH11			

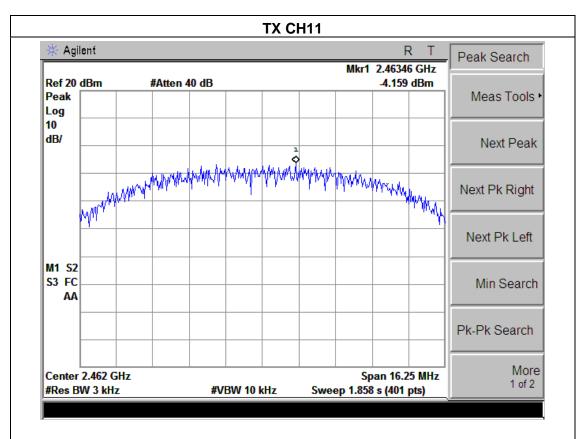
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Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-6.56	8	PASS
2437 MHz	-4.64	8	PASS
2462 MHz	-4.16	8	PASS







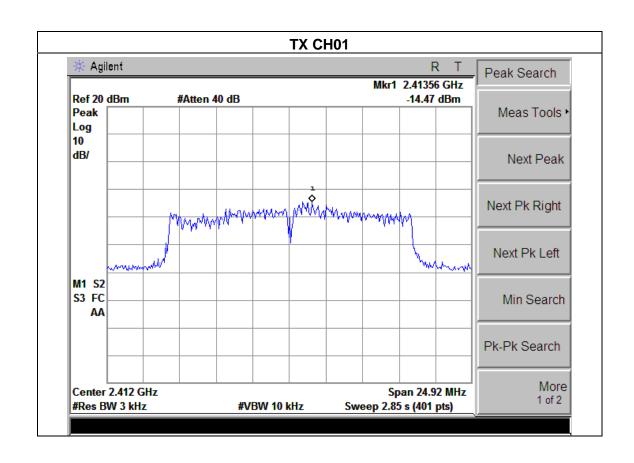




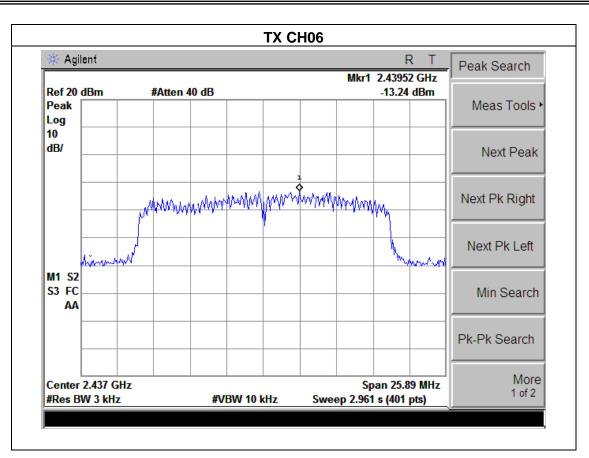
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature:	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1015 hPa	Test Voltage :	DC 3.7V
Test Mode :	st Mode : TX g Mode /CH01, CH06, CH11		

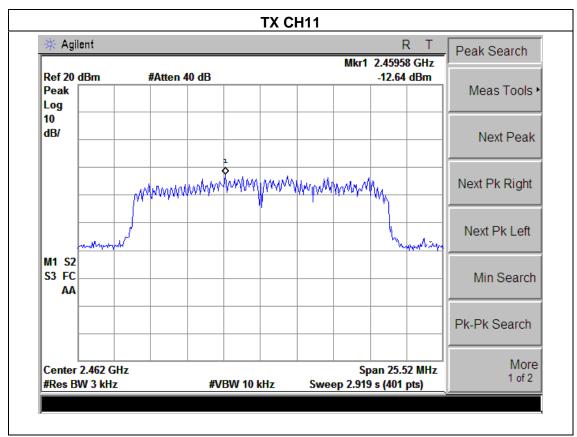
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Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-14.47	8	PASS
2437 MHz	-13.24	8	PASS
2462 MHz	-12.64	8	PASS







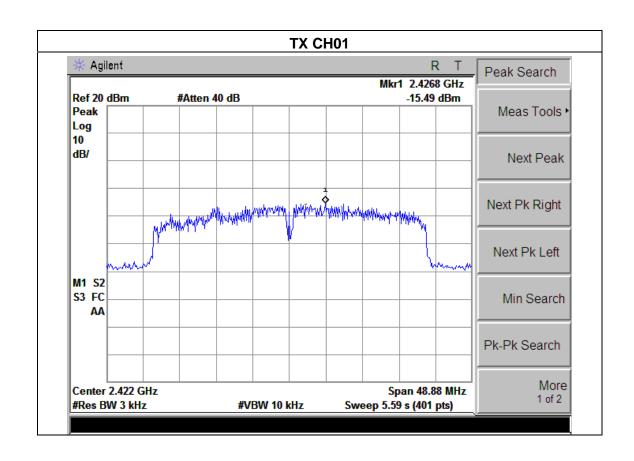




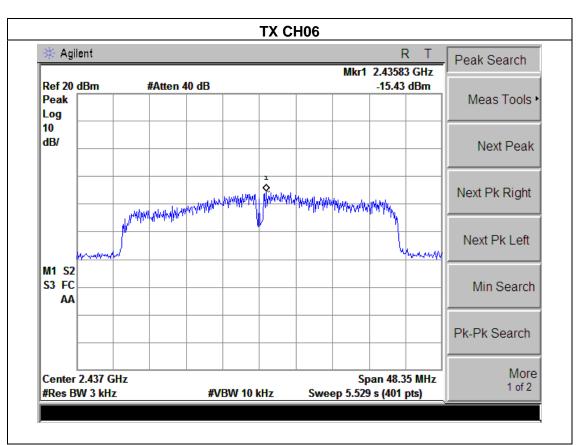
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	25 ℃	Relative Humidity:	60%
Pressure:	1015 hPa	Test Voltage :	DC 3.7V
Test Mode :	TX n Mode /CH01 CH06 CH	11	

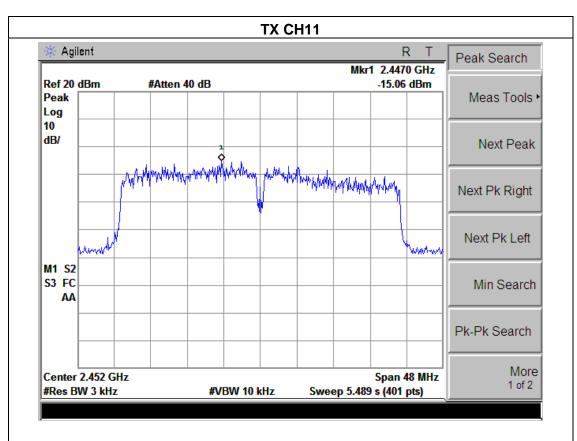
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Frequency	Power Density (dBm)	Limit (dBm)	Result
2422 MHz	-15.49	8	PASS
2437 MHz	-15.43	8	PASS
2452 MHz	-15.06	8	PASS









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**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	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS	

#### **5.1.1 TEST PROCEDURE**

- 1. Set RBW= 100 kHz.
- 2. Set the video bandwidth (VBW)  $\geq$  3 x 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.

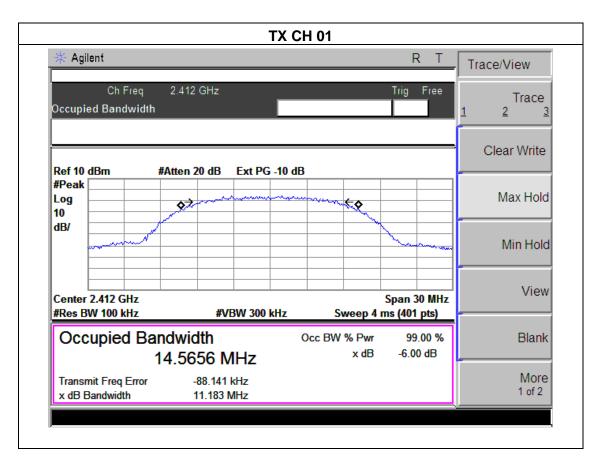


#### **5.1.5 TEST RESULTS**

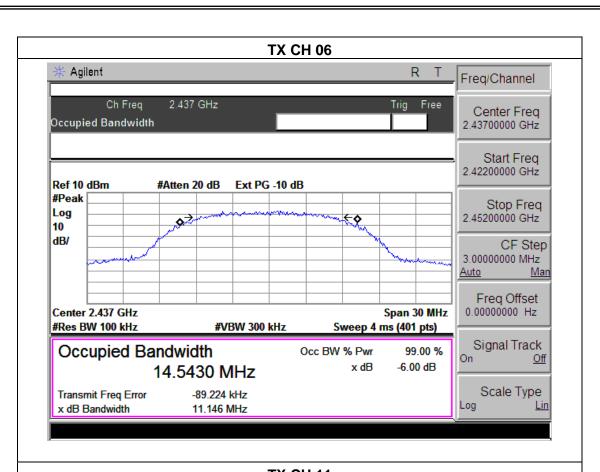
EUT:	Tablet PC	Model Name :	MOMO20S
Temperature :	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1012 hPa	Test Voltage :	DC 3.7V
Test Mode :	TX b Mode /CH01, CH06, CH11		

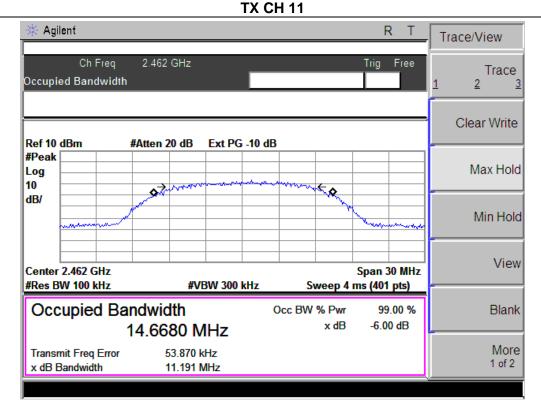
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Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	11.18	>=500KHz	PASS
2437 MHz	11.15	>=500KHz	PASS
2462 MHz	11.20	>=500KHz	PASS











EUT: Tablet PC Model Name: MOMO20S

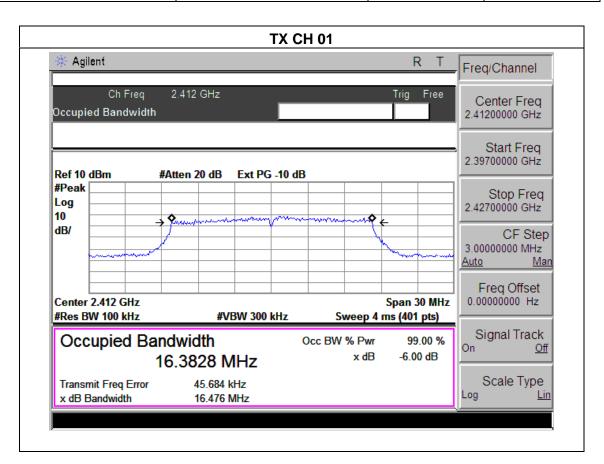
Temperature: 25 °C Relative Humidity: 60%

Pressure: 1012 hPa Test Voltage: DC 3.7V

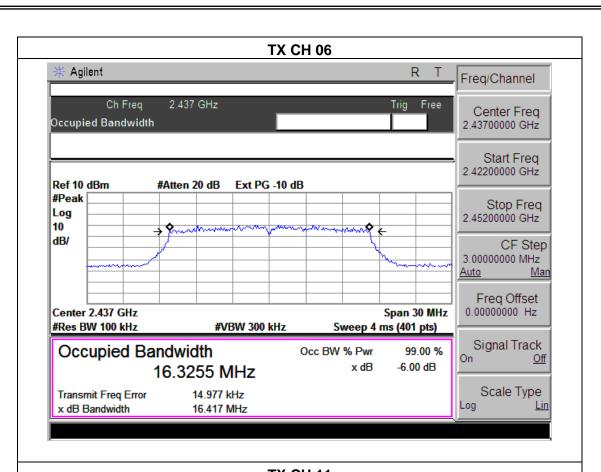
Test Mode: TX g Mode /CH01, CH06, CH11

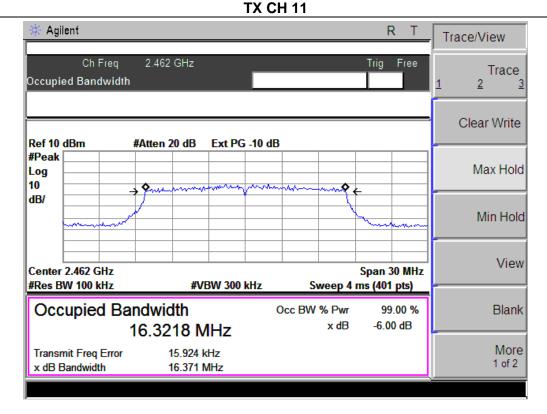
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Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	16.48	>=500KHz	PASS
2437 MHz	16.42	>=500KHz	PASS
2462 MHz	16.37	>=500KHz	PASS











EUT: Tablet PC Model Name: MOMO20S

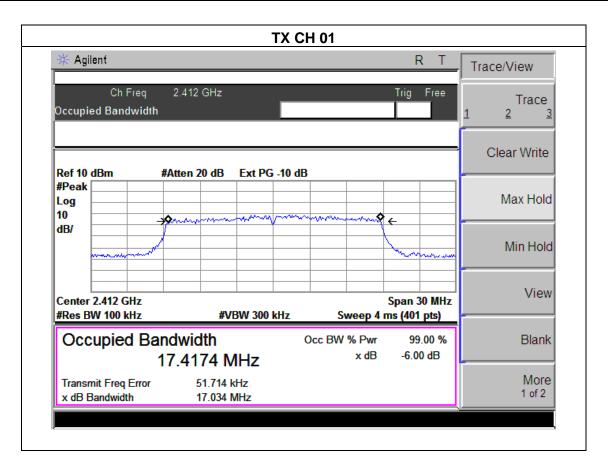
Temperature: 25 °C Relative Humidity: 60%

Pressure: 1012 hPa Test Voltage : DC 3.7V

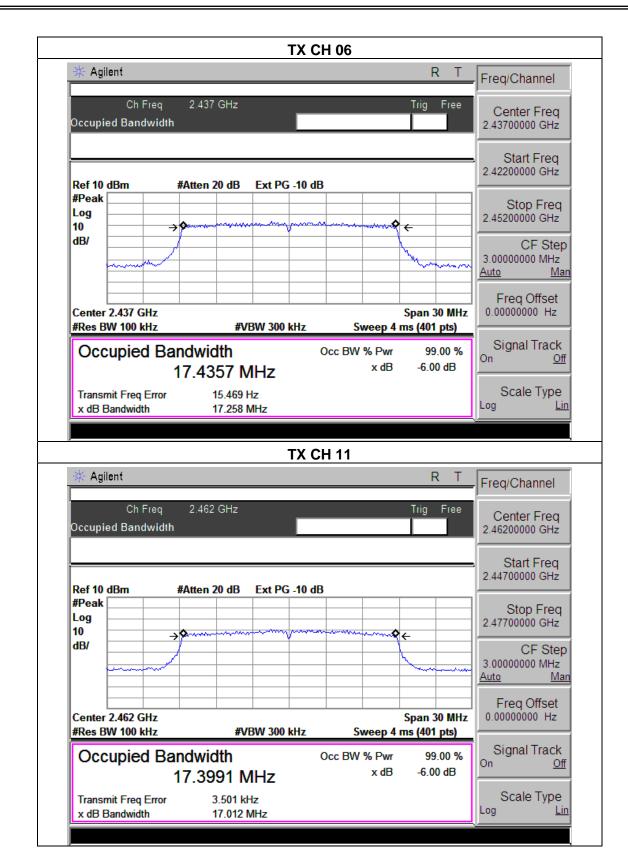
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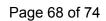
Test Mode : TX n Mode(20M) /CH01, CH06, CH11

Frequency	6dB Bandwidth (MHz)	Channel Separation (MHz)	Result
2412 MHz	17.03	>=500KHz	PASS
2437 MHz	17.26	>=500KHz	PASS
2462 MHz	17.01	>=500KHz	PASS



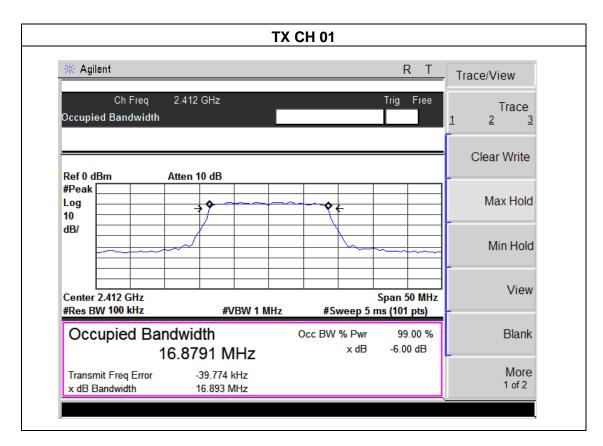




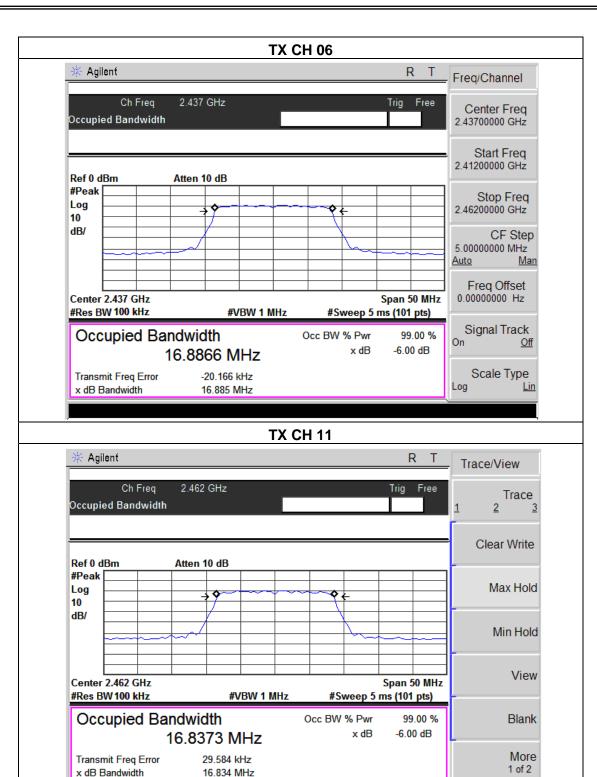




Frequency	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Channel Separation (MHz)	Result
2412 MHz	16.89	16.87	>=500KHz	PASS
2437 MHz	16.88	16.88	>=500KHz	PASS
2462 MHz	16.83	16.83	>=500KHz	PASS









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### **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

EUT	POWER	METED
	TONLIK	ML I LIX

### **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 :	MOMO20S
Temperature :	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1012 hPa	Test Voltage :	DC 3.7V
Test Mode :	TX b/g/n(20M) Mode /CH01, CH06, CH11		

TX 802.11b Mode					
Test Frequency		Peak output power. Antenna port	AV output power. Antenna port	LIMIT	
Channe -	(MHz)	(dBm)	(dBm)	dBm	
CH01	2412	12.93	9.31	30	
CH06	2437	12.74	9.17	30	
CH11	2462	12.52	9.22	30	
TX 802.11g Mode					
CH01	2412	11.86	8.59	30	
CH06	2437	11.23	8.87	30	
CH11	2462	11.25	1.25 8.68		
TX 802.11n Mode					
CH01	2412	11.77	8.51	30	
CH06	2437	11.45	8.41	30	
CH11	2462	11.36	8.21	30	



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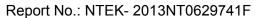
### 7. ANTENNA REQUIREMENT

### 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**

Γhe EUT antenna is Fl	¹CB antenna. ∣	It comply with t	the standard	requirement.





## 8. EUT TEST PHOTO



