

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC155685 Page: 1 of 90

FCC Radio Test Report FCC ID: 2AL64-806W

Original Grant

Report No. : TB-FCC155685

Applicant: Shenzhen qiuyu Electronic Co.,Ltd

Equipment Under Test (EUT)

EUT Name : Tablet PC

Model No. : QM806

Series Model No. : Westgate Owner Tablet, 186

Brand Name : Westgate Owner / Maxtalent

Receipt Date : 2017-06-22

Test Date : 2017-06-23 to 2017-07-01

Issue Date : 2017-07-02

Standards : FCC Part 15: 2016, Subpart C(15.247)

Test Method : ANSI C63.10: 2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above,

The EUT technically complies with the FCC requirements

Test/Witness Engineer :

Approved& Authorized :

the report.

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in

TB-RF-074-1.0

Tel: +86 75526509301 Fax: +86 75526509195



Contents

CON	NIENIS	
1.	GENERAL INFORMATION ABOUT EUT	4
	1.1 Client Information	4
	1.2 General Description of EUT (Equipment Under Test)	4
	1.3 Block Diagram Showing the Configuration of System Tested	5
	1.4 Description of Support Units	
	1.5 Description of Test Mode	6
	1.6 Description of Test Software Setting	7
	1.7 Measurement Uncertainty	
	1.8 Test Facility	
2.	TEST SUMMARY	9
3.	TEST EQUIPMENT	10
4.	CONDUCTED EMISSION TEST	11
	4.1 Test Standard and Limit	11
	4.2 Test Setup	
	4.3 Test Procedure	
	4.4 EUT Operating Mode	12
	4.5 Test Data	12
5.	RADIATED EMISSION TEST	17
	5.1 Test Standard and Limit	17
	5.2 Test Setup	
	5.3 Test Procedure	19
	5.4 EUT Operating Condition	19
	5.5 Test Data	19
6.	RESTRICTED BANDS REQUIREMENT	40
	6.1 Test Standard and Limit	
	6.2 Test Setup	
	6.3 Test Procedure	
	6.4 EUT Operating Condition	
	6.5 Test Data	
7.	NUMBER OF HOPPING CHANNEL	
	7.1 Test Standard and Limit	
	7.2 Test Setup	
	7.3 Test Procedure	
	7.4 EUT Operating Condition	
	7.5 Test Data	
8.	AVERAGE TIME OF OCCUPANCY	
1	8.1 Test Standard and Limit	
	8.2 Test Setup	



Report No.: TB-FCC155685
Page: 3 of 90

Page:

	8.3 Test Procedure	
	8.4 EUT Operating Condition	63
	8.5 Test Data	64
9.	CHANNEL SEPARATION AND BANDWIDTH TEST	70
	9.1 Test Standard and Limit	70
	9.2 Test Setup	70
	9.3 Test Procedure	70
	9.4 EUT Operating Condition	70
	9.5 Test Data	71
10.	PEAK OUTPUT POWER TEST	83
	10.1 Test Standard and Limit	83
	10.2 Test Setup	83
	10.3 Test Procedure	
	10.4 EUT Operating Condition	83
	10.5 Test Data	
11.	ANTENNA REQUIREMENT	90
	11.1 Standard Requirement	90
	11.2 Antenna Connected Construction	90
	11.3 Result	90



Page: 4 of 90

1. General Information about EUT

1.1 Client Information

Applicant: Shenzhen qiuyu Electronic Co.,Ltd

Address : 3F, E Building, Hongzhuyongqi Industrial Park, Lezhujiao village,

xixiang town, Bao' an District, Shenzhen, China

Manufacturer : Shenzhen qiuyu Electronic Co.,Ltd

Address : 3F, E Building, Hongzhuyongqi Industrial Park, Lezhujiao village,

xixiang town, Bao' an District, Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name		Tablet PC	Tablet PC			
Models No.	:	QM806, Westgate Owner	QM806, Westgate Owner Tablet, I86			
Model Difference	:	All these models are identical in the same PCB layout and electrical circuit, the only difference name.				
and a)	Operation Frequency:	Bluetooth V4.0: 2402~2480 MHz			
		Number of Channel: Bluetooth: 79 Channels See Note 2				
Product		Max Peak Output Power: Bluetooth: 1.390dBm(GFSK)				
Description		Antenna Gain: -0.12dBi FPC Antenna				
		Modulation Type:	GFSK 1Mbps(1 Mbps)			
			π /4-DQPSK(2 Mbps)			
		The state of the s	8-DPSK(3 Mbps)			
Power Supply		DC Voltage supplied by US	DC Voltage supplied by USB cable			
THE WAY		DC Voltage supplied by Li-ion battery				
Power Rating	:	DC 5V by USB Cable				
MARINE	l.	DC 3.7V by 3500mAh Li-ion battery				
Connecting I/O Port(S)	9	Please refer to the User'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:

	Bluetooth Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)			
00	2402	27	2429	54	2456			
01	2403	28	2430	55	2457			
02	2404	29	2431	56	2458			
03	2405	30	2432	57	2459			



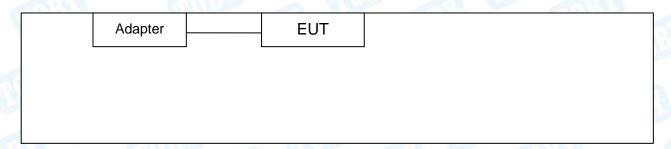
Page: 5 of 90

04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		(0)
26	2428	53	2455	HILL	

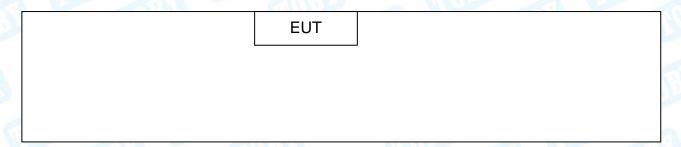
⁽³⁾ The Antenna information about the equipment is provided by the applicant.

1.3 Block Diagram Showing the Configuration of System Tested

Charging + TX Mode



TX Mode





Page: 6 of 90

1.4 Description of Support Units

Equipment Information							
Name Model FCC ID/VOC Manufacturer Used "√"							
AC/DC Adapter A16-502000 AOHAI √							
AC/DC Adapter Input:AC100-240V 50/60Hz 0.5A Output:5V/2A							
		Cable Information					
Number Shielded Type Ferrite Core Length Note							
Cable 1	YES	NO	0.4M	COUNTY OF THE PARTY OF THE PART			

1.5 Description of Test Mode

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 follow was evaluated respectively.

For Conducted Test					
Final Test Mode Description					
Mode 1 Charging + TX Mode					

For Radiated Test				
Final Test Mode	Description			
Mode 1	TX GFSK Mode			
Mode 2	TX Mode(GFSK) Channel 00/39/78			
Mode 3	TX Mode(π /4-DQPSK) Channel 00/39/78			
Mode 4	TX Mode(8-DPSK) Channel 00/39/78			
Mode 5	Hopping Mode(GFSK)			
Mode 6	Hopping Mode(π /4-DQPSK)			
Mode 7	Hopping Mode(8-DPSK)			

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate. We have pretested all the test modes above.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

TX Mode: GFSK (1 Mbps)

TX Mode: π /4-DQPSK (2 Mbps)
TX Mode: 8-DPSK (3Mbps)



Page: 7 of 90

(2) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis, X-plane, Y-plane and Z-plane. The worst case was found positioned on X-plane as the normal use. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of Bluetooth mode.

Test Software Version	THE PERSON NAMED IN	N/A	
Frequency	2402 MHz	2441MHz	2480 MHz
GFSK	DEF	DEF	DEF
π /4-DQPSK	DEF	DEF	DEF
8-DPSK	DEF	DEF	DEF

1.7 Measurement Uncertainty

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

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.42 dB ±3.42 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.40 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB



Page: 8 of 90

1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

FCC List No.: (811562)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 811562.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.



Page: 9 of 90

2. Test Summary

Standard S	ection			_	
FCC	IC	Test Item	Judgment	Remark	
15.203	9	Antenna Requirement	PASS	N/A	
15.207	RSS-GEN 7.2.2	Conducted Emission	PASS	N/A	
15.205	RSS-Gen 7.2.3	Restricted Bands	PASS	N/A	
15.247(a)(1)	RSS 247 5.1 (2)	Hopping Channel Separation	PASS	N/A	
15.247(a)(1)	RSS 247 5.1 (4)	Dwell Time	PASS	N/A	
15.247(b)(1)	RSS 247 5.4 (2)	Peak Output Power	PASS	N/A	
15.247(b)(1)	RSS 247 5.1 (4)	Number of Hopping Frequency	PASS	N/A	
15.247(d)	RSS 247 5.5	Band Edge	PASS	N/A	
15.247(c)& 15.209	RSS 247 5.5	Radiated Spurious Emission	PASS	N/A	
15.247(a)	RSS 247 5.1 (1)	99% Occupied Bandwidth & 20dB Bandwidth	PASS	99%OBW GFSK: 839.0209kHz π/4-DQPSK: 1157.2kHz 8-DPSK:1143.7KHz	



Page: 10 of 90

3. Test Equipment

AC Main C	onducted Emis	sion			
Description	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	ROHDE& SCHWARZ	ESCI	100321	Jul. 22, 2016	Jul. 21, 2017
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 22, 2016	Jul. 21, 2017
L.I.S.N	Rohde & Schwarz	ENV216	101131	Jul. 22, 2016	Jul. 21, 2017
L.I.S.N	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 22, 2016	Jul. 21, 2017
Radiation Description	Spurious Emiss Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 22, 2016	Jul. 21, 2017
EMI Test Receiver	Rohde & Schwarz	ESPI	10QM8060/007	Jul. 22, 2016	Jul. 21, 2017
Bilog Antenna	ETS-LINDGREN	3142E	QM80617537	Mar.25, 2017	Mar. 24, 2018
Horn Antenna	ETS-LINDGREN	3117	QM80643207	Mar.25, 2017	Mar. 24, 2018
Pre-amplifier	Sonoma	310N	185903	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	HP	8449B	3008A00849	Mar.24, 2017	Mar. 23, 2018
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.24, 2017	Mar. 23, 2018
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna C	onducted Emis	sion			
Description	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 22, 2016	Jul. 21, 2017
Spectrum Analyzer	Rohde & Schwarz	ESPI	100321	Jul. 22, 2016	Jul. 21, 2017



Page: 11 of 90

4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard FCC Part 15.207

4.1.2 Test Limit

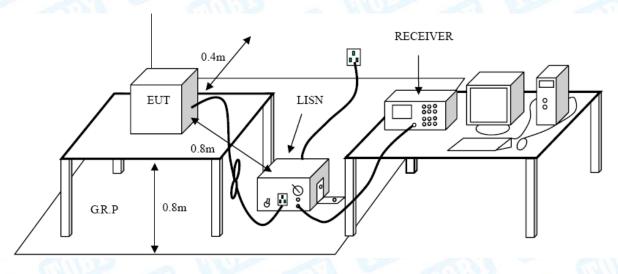
Conducted Emission Test Limit

Eroguenov	Maximum RF Line Voltage (dBμV)			
Frequency	Quasi-peak Level	Average Level		
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *		
500kHz~5MHz	56	46		
5MHz~30MHz	60	50		

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 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.



Page: 12 of 90

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

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

Test data please refer the following pages.



Page: 13 of 90

EUT:	Tablet PC	Model Nan	ne :	QM806
Temperature:	25℃	Relative H	umidity:	55%
Test Voltage:	AC 120V/60 Hz			
Terminal:	Line	CHULLE .	3 KR	
Test Mode:	USB Charging Mode			AMIL .
Remark:	Only worse case is	reported		
40 40 0.150		(MHz) 5 Correct Measure-	goden de productiva de la compansa d	QP:
	eq. Level	Factor ment	Limit	Over
	Hz dBuV		dBuV	dB Detector
1 0.20		9.58 13.88	63.36 -	
2 0.20		9.58 6.34	53.36 -	
3 * 0.1		9.58 24.08	65.78 -	
4 0.15	539 0.19	9.58 9.77	55.78 -	46.01 AVG
5 0.25	540 1.90	9.59 11.49	61.62 -	50.13 QP
6 0.25	540 -3.99	9.59 5.60	51.62 -	46.02 AVG
7 0.30	060 0.01	9.59 9.60	60.08 -	50.48 QP
8 0.30	060 -4.62	9.59 4.97	50.08 -	45.11 AVG
9 0.35	540 0.01	9.60 9.61	58.87 -	49.26 QP
10 0.35	540 -4.64	9.60 4.96	48.87 -	43.91 AVG
11 0.40	060 -0.08	9.60 9.52	57.73 -	48.21 QP
12 0.40	060 -4.78	9.60 4.82	47.73 -	42.91 AVG
Emission Level	= Read Level+ Corre	ct Factor		



Page: 14 of 90

EUT:	Tablet PC	N. B.	Model Name :	QM806					
Temperature:	25℃	- GA	Relative Humidity:	55%	100				
Test Voltage:	AC 120V/60 Hz	33	COUNTY OF THE PARTY OF THE PART		MARIL				
Terminal:	Neutral			11.10					
Test Mode:	USB Charging M	USB Charging Mode							
Remark:	Only worse case	is reported		0	M.				
90.0 dBuV				an.					
				QP: AVG:					
40			Mark difference from the first own frow from the fi		peak				
-10 0.150	0.5	(MHz)	5		30.000				
No. Mk. Fre	Reading eq. Level	Correct Factor	Measure- ment Limit	Over					
MH	lz dBuV	dB	dBuV dBuV	dB	Detector				
1 0.40	60 34.74	9.60	44.34 57.73	-13.39	QP				
2 * 0.40	60 31.91	9.60	41.51 47.73	-6.22	AVG				
3 0.15	00 40.64	9.58	50.22 65.99	-15.77	QP				
4 0.15	00 24.69	9.58	34.27 55.99	-21.72	AVG				
5 0.20	20 32.99	9.58	42.57 63.52	-20.95	QP				
6 0.20	20 17.39	9.58	26.97 53.52	-26.55	AVG				
7 0.25	00 31.10	9.58	40.68 61.75	-21.07	QP				
8 0.25	00 17.57	9.58	27.15 51.75	-24.60	AVG				
9 0.30	20 28.00	9.59	37.59 60.19	-22.60	QP				
10 0.30	20 14.44	9.59	24.03 50.19	-26.16	AVG				
11 0.45	00 24.72	9.60	34.32 56.87	-22.55	QP				
12 0.45	00 14.26	9.60	23.86 46.87	-23.01	AVG				
Emission Level=	Read Level+ Cor	rect Factor							



EUT:	Tablet PC	_ 61	Model Nan	ne :	QM806				
Temperature:	25℃		Relative H	umidity:	55%	MILL			
Test Voltage:	AC 240V/60 Hz								
Terminal:	Line								
Test Mode:	USB Charging Mode								
Remark: Only worse case is reported									
90.0 dBuV					O.D.				
					QP: AVG:				
X x									
40 * *	* *	alta the an	all do do						
	A B A A B B B A A A A A A A A A A A A A			W. A. J. A. A. J. L. A. A. L. A.	************************	Mary Mary			
			M MA MAAA	An. A 484 .	<u>'</u>	peak			
	A IA. IA. III IV. II MANGANA MANGANA			An A	and have been and the	WANNA AVG			
~ ~ ~ ~ ~ ~	A PA A O CL D CA A D O LA A D I	frankan kirinka mahadi melikit	Initial Leaves						
-10									
0.150	0.5	(MHz)	5			30.000			
	Reading	Correct	Measure-		0				
	req. Level	Factor	ment	Limit	Over				
М	Hz dBuV	dB	dBuV	dBuV	dB	Detector			
1 0.18	860 33.20	9.58	42.78	64.21	-21.43	QP			
2 0.18	860 17.49	9.58	27.07	54.21	-27.14	AVG			
3 * 0.23	340 31.44	9.58	41.02	62.30	-21.28	QP			
4 0.23	340 17.54	9.58	27.12	52.30	-25.18	AVG			
5 0.2	819 27.59	9.59	37.18	60.76	-23.58	QP			
6 0.28	819 15.84	9.59	25.43	50.76	-25.33	AVG			
7 0.33	300 25.78	9.59	35.37	59.45	-24.08	QP			
	300 14.73	9.59	24.32	49.45		AVG			
	740 27.17	9.60	36.77	58.41		QP			
	740 6.77	9.60	16.37	48.41		AVG			
	220 10.59	9.60	20.19	57.41		QP			
	220 -4.15	9.60	5.45	47.41		AVG			
—	Decide to C								
Emission Level	= Read Level+ Co	rrect Factor	•						



Page: 16 of 90

EUT:	Tablet PC	1	Model Nam	ie :	QM806				
Temperature:	25 ℃	01	Relative Hu	ımidity:	55%				
Test Voltage:	AC 240V/60 Hz	133	Ωm	130		MAIN			
Terminal:	Neutral			671	11.50				
Test Mode:	Test Mode: USB Charging Mode								
Remark:	Only worse case	e is reported			0 H	W.			
40 X X X X X X X X X X X X X X X X X X X				yrahannana.	QP: AVG:	peak			
0.150	0.5	(MHz)	5			30.000			
No. Mk. Fre	Reading eq. Level	Correct Factor	Measure- ment	Limit	Over				
MF	•	dB	dBuV	dBuV	dB	Detector			
1 0.18	19 25.84	9.65	35.49	64.39	-28.90	QP			
2 0.18	19 10.73	9.65	20.38	54.39	-34.01	AVG			
3 0.22	60 13.99	9.63	23.62	62.59	-38.97	QP			
4 0.22	60 2.45	9.63	12.08	52.59	-40.51	AVG			
5 * 0.28	19 28.24	9.58	37.82	60.76	-22.94	QP			
6 0.28	19 16.71	9.58	26.29	50.76	-24.47	AVG			
7 0.32	60 25.42	9.57	34.99	59.55	-24.56	QP			
8 0.32	60 15.53	9.57	25.10	49.55	-24.45	AVG			
9 0.37	40 24.07	9.58	33.65	58.41	-24.76	QP			
10 0.37	40 14.21	9.58	23.79	48.41	-24.62	AVG			
11 0.50	20 1.54	9.58	11.12	56.00	-44.88	QP			
12 0.50	20 -4.69	9.58	4.89	46.00	-41.11	AVG			
Emission Level=	Read Level+ Co	rrect Factor							



Page: 17 of 90

5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limit (9 kHz~1000MHz)

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

Radiated Emission Limit (Above 1000MHz)

Frequency	Class B (dBuV/m)(at 3m)		
(MHz)	Peak	Average	
Above 1000	74	54	

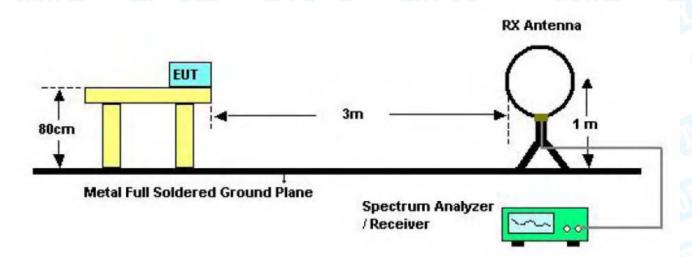
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)=20log Emission Level (uV/m)

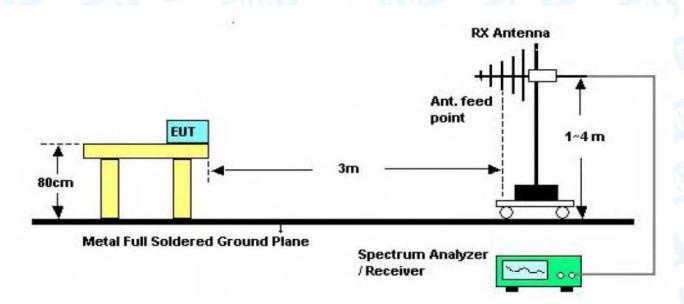


Page: 18 of 90

5.2 Test Setup



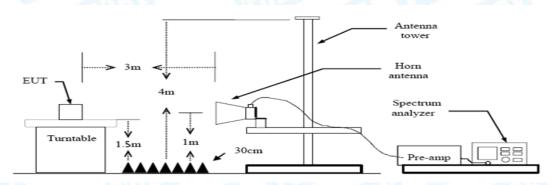
Below 30MHz Test Setup



Below 1000MHz Test Setup



Page: 19 of 90



Above 1GHz Test Setup

5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) 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.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power in TX mode.

5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Test data please refer the following pages.



Page: 20 of 90

9KHz~30MHz

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

below the permissible value has no need to be reported.

30MHz~1GHz

TX GFSI	K Mode 2		Relative H	lumidity:	55%				
Horizonta	K Mode 2		Yarim	TIME					
TX GFSI	K Mode 2		mary.	Care I					
				Horizontal					
Only wor	se case		TX GFSK Mode 2402MHz						
		is reported		Million		100			
				(RF)FCC 150	3M Radiation				
					Margin -6	dB			
	J	1							
	2	\wedge	6	5 X	الموالم المالم	YM Sheller Alfred			
	, X	MANY MAY	market market the state of	May Mary Mary Market	brought of both to				
What was a little way	The state of the s	Y VI)	A THE TENE						
With Mr									
60 70 80		(MHz)	300	400 500	600 700	1000.000			
Re	ading	Correct	Measure-						
eq. L	evel	Factor	ment	Limit	Over				
lz d	lBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto			
421 4	8.70	-21.51	27.19	43.50	-16.31	QP			
470 3	9.00	-21.41	17.59	43.50	-25.91	QP			
313 3	7.06	-14.84	22.22	40.00	-17.78	QP			
433 3	7.99	-21.87	16.12	40.00	-23.88	QP			
855 3	6.19	-14.16	22.03	46.00	-23.97	QP			
021 3	5.30	-16.52	18.78	46.00	-27.22	QP			
ver limit !:o	ver margin								
	Re eq. L day	Reading Level dBuV 48.70 39.00 313 37.06 433 37.99 855 36.19	Reading Correct Factor dBuV dB/m 421 48.70 -21.51 37.06 -14.84 433 37.99 -21.87 855 36.19 -14.16 021 35.30 -16.52	Reading Correct Measure-Factor ment dBuV dB/m dBuV/m 421 48.70 -21.51 27.19 470 39.00 -21.41 17.59 313 37.06 -14.84 22.22 433 37.99 -21.87 16.12 855 36.19 -14.16 22.03 1021 35.30 -16.52 18.78	Reading Correct Measure- Hz dBuV dB/m dBuV/m dBuV/m H21 48.70 -21.51 27.19 43.50 H21 39.00 -21.41 17.59 43.50 H31 37.06 -14.84 22.22 40.00 H33 37.99 -21.87 16.12 40.00 H35 36.19 -14.16 22.03 46.00 H36 35.30 -16.52 18.78 46.00	Reading Level Factor Measure- Hz dBuV dB/m dBuV/m dB H421 48.70 -21.51 27.19 43.50 -16.31 H470 39.00 -21.41 17.59 43.50 -25.91 H333 37.96 -14.84 22.22 40.00 -17.78 H33 37.99 -21.87 16.12 40.00 -23.88 H855 36.19 -14.16 22.03 46.00 -23.97 H360 1021 35.30 -16.52 18.78 46.00 -27.22			



Page: 21 of 90

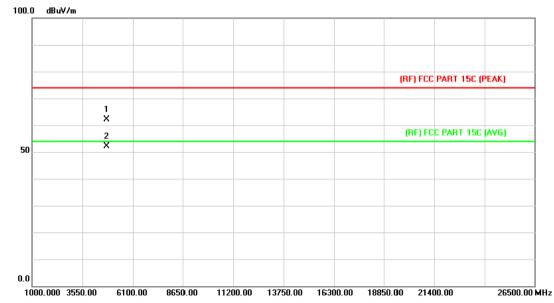
EUT:	Tablet PC	A BIV	Model N	lame :	QM806	3
Temperature:	25℃	W. P.	Relative	Humidity:	55%	AND.
Test Voltage:	DC 3.7V		W B		18.5	
Ant. Pol.	Vertical		William Control	3 KV		
Test Mode:	TX GFSK Mode	2402MHz			a GV	Miles.
Remark:	Only worse cas	e is reported	1 Comment		1	- (
80.0 dBuV/m						
				(RF)FCC 15	C 3M Radiatio	n
					Margin -6	6 dB
30 🐰 💆	3 X.	4				
		, X _M		5	hula XII. awww.d	March of Constitute
March 1 March	W W	$M \sim 1$	<u> </u>	Son who will be with the	Sypphosis and a second	
	M	Jan Janah	Mary Mary Mary Mary Mary Mary Mary Mary	***		
-20						
30.000 40 50	60 70 80	(MHz)	300	400 50	0 600 700	1000.000
	Reading	Correct	Measure-			
No. Mk. Fr	eq. Level	Factor	ment	Limit	Over	
M	Hz dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1 * 31.9	546 45.44	-14.98	30.46	40.00	-9.54	QP
2 44.5	868 51.14	-21.81	29.33	40.00	-10.67	QP
3 79.2	426 53.39	-22.96	30.43	40.00	-9.57	QP
125.4	4457 48.78	-21.89	26.89	43.50	-16.61	QP
329.0	0390 35.45	-15.09	20.36	46.00	-25.64	QP
605.6	32.55	-8.32	24.23	46.00	-21.77	QP
*:Maximum data x	:Over limit !:over mar	gin				



Page: 22 of 90

Above 1GHz(Only worse case is reported)

EUT:	Tablet PC	Model Name :	QM806			
Temperature:	25℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX GFSK Mode 2402MHz					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

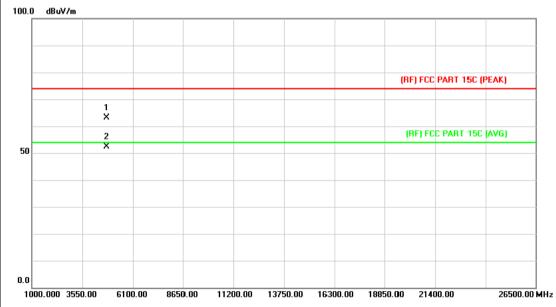


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4804.052	48.67	13.44	62.11	74.00	-11.89	peak
2	*	4804.183	38.75	13.44	52.19	54.00	-1.81	AVG



Page: 23 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical	N POR					
Test Mode:	TX GFSK Mode 2402MH:	z	The same				
Remark: No report for the emission which more than 10 dB below the prescribed limit.							
100 0 dp.40-							

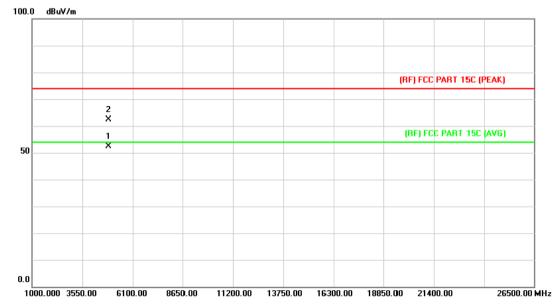


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4803.769	49.80	13.44	63.24	74.00	-10.76	peak
2	*	4804.186	39.03	13.44	52.47	54.00	-1.53	AVG



Page: 24 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal							
Test Mode:	TX GFSK Mode 2441MHz		THE PARTY OF THE P					
Remark:								

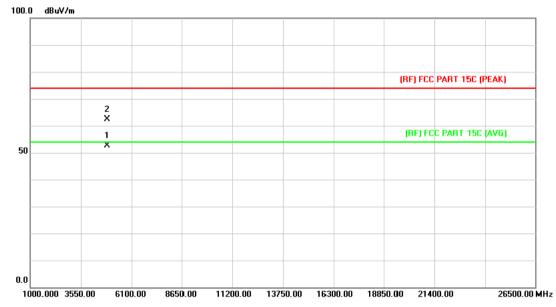


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4881.637	38.56	13.90	52.46	54.00	-1.54	AVG
2		4882.324	48.47	13.90	62.37	74.00	-11.63	peak



Page: 25 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX GFSK Mode 2441MHz		LITTLE OF					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

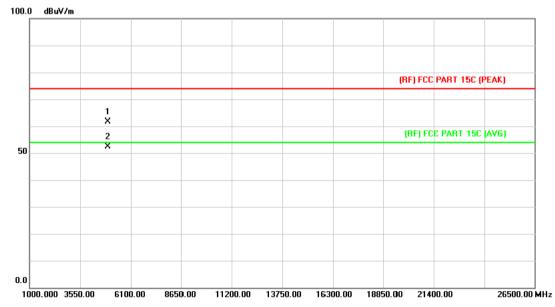


N	lo.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	1	k	4881.913	38.63	13.90	52.53	54.00	-1.47	AVG
2			4882.002	48.52	13.90	62.42	74.00	-11.58	peak



Page: 26 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal							
Test Mode:	TX GFSK Mode 2480MHz	CI 1372	LITTLE OF					
Remark:	No report for the emission wh prescribed limit.	No report for the emission which more than 10 dB below the						

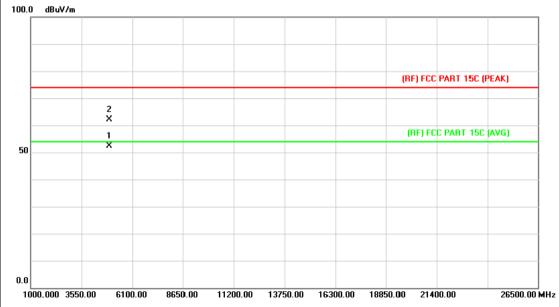


No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4959.820	47.19	14.36	61.55	74.00	-12.45	peak
2	*	4960.040	37.98	14.36	52.34	54.00	-1.66	AVG



Page: 27 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical						
Test Mode:	TX GFSK Mode 2480MHz		CALLES TO				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

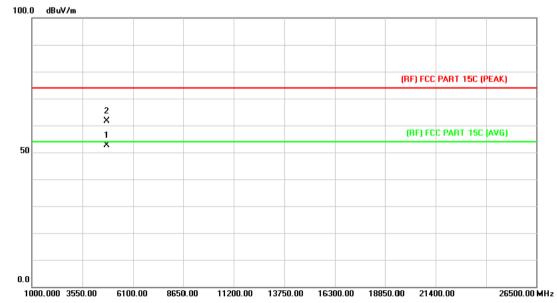


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4959.770	38.03	14.36	52.39	54.00	-1.61	AVG
2		4959.811	47.72	14.36	62.08	74.00	-11.92	peak



Page: 28 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Horizontal						
Test Mode:	TX π /4-DQPSK Mode 2402	MHz	- Chilins				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

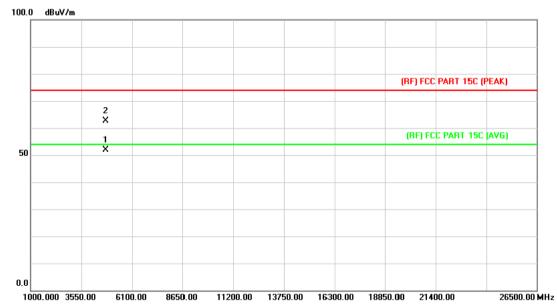


No.	. I V	1k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	-	4803.921	39.22	13.44	52.66	54.00	-1.34	AVG
2		-	4804.270	48.25	13.44	61.69	74.00	-12.31	peak



Page: 29 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical	The same of the					
Test Mode:	TX π /4-DQPSK Mode 240	02MHz	THE PARTY OF THE P				
Remark:	Remark: No report for the emission which more than 10 dB below the prescribed limit.						
100 0 dRuV/m							

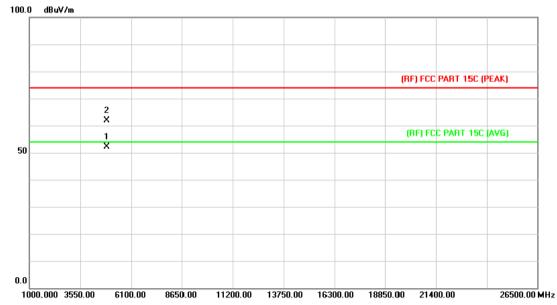


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4803.703	38.43	13.44	51.87	54.00	-2.13	AVG
2		4803.965	49.23	13.44	62.67	74.00	-11.33	peak



Page: 30 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	W Comment	133				
Ant. Pol.	Horizontal						
Test Mode:	TX π /4-DQPSK Mode 2441	MHz	- TILLE				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

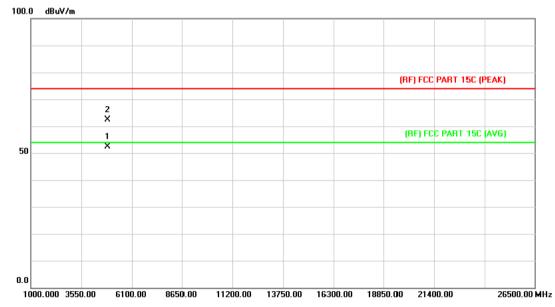


No.	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4881.633	38.27	13.90	52.17	54.00	-1.83	AVG
2		4881.973	48.02	13.90	61.92	74.00	-12.08	peak



Page: 31 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V		1333					
Ant. Pol.	Vertical							
Test Mode:	TX π /4-DQPSK Mode 2441	MHz	LITTLE OF					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

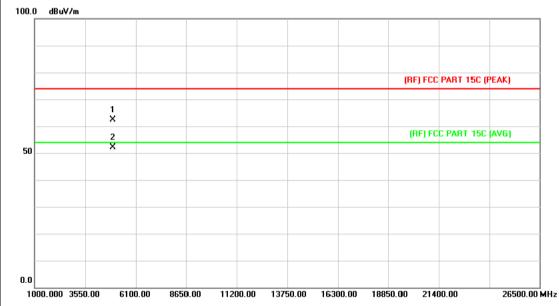


No.	MŁ	k. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4881.698	38.56	13.90	52.46	54.00	-1.54	AVG
2		4881.874	48.52	13.90	62.42	74.00	-11.58	peak



Page: 32 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V		33				
Ant. Pol.	Horizontal						
Test Mode:	TX π /4-DQPSK Mode 2480M	Hz	LITTLE OF				
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						

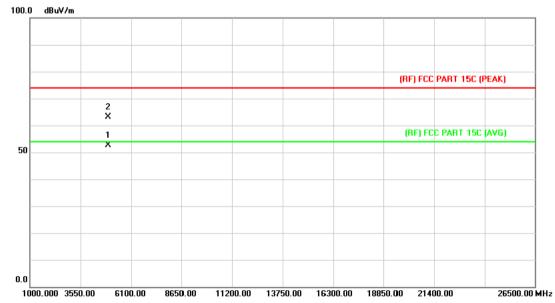


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4960.215	48.01	14.36	62.37	74.00	-11.63	peak
2	*	4960.218	37.75	14.36	52.11	54.00	-1.89	AVG



Page: 33 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V		13.3				
Ant. Pol.	Vertical						
Test Mode:	TX π /4-DQPSK Mode 2480M	lHz	THE PERSON NAMED IN				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

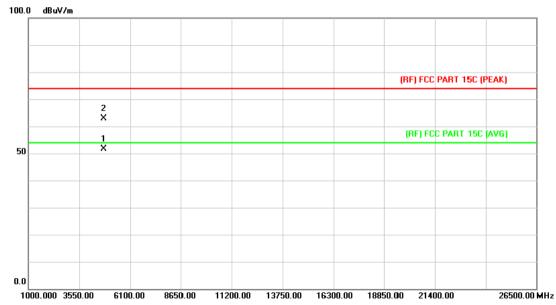


No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4959.635	38.37	14.36	52.73	54.00	-1.27	AVG
2		4960.093	48.72	14.36	63.08	74.00	-10.92	peak



Page: 34 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	V C	133				
Ant. Pol.	Horizontal						
Test Mode:	TX 8-DPSK Mode 2402MHz		- TILLE				
Remark:	k: No report for the emission which more than 10 dB below the prescribed limit.						
100 0 10 1/1							

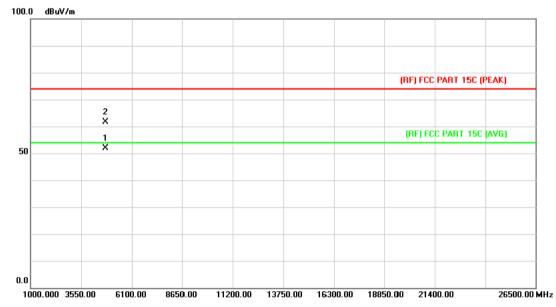


No	. Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4804.124	38.17	13.44	51.61	54.00	-2.39	AVG
2		4804.177	49.35	13.44	62.79	74.00	-11.21	peak



Page: 35 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	70						
Ant. Pol.	Vertical	N PORT						
Test Mode:	TX 8-DPSK Mode 2402M	Hz	LINE TO SERVICE					
Remark:	Remark: No report for the emission which more than 10 dB below the prescribed limit.							

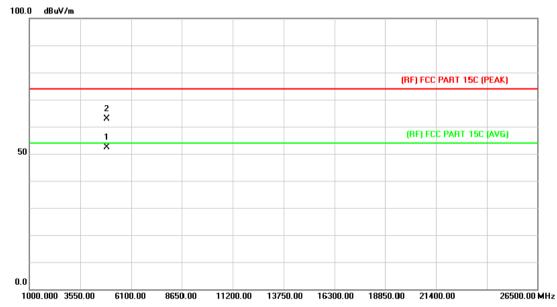


No.	. Mk	c. Freq.		Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4803.927	38.39	13.44	51.83	54.00	-2.17	AVG
2		4804.381	48.29	13.44	61.73	74.00	-12.27	peak



Page: 36 of 90

EUT:	Tablet PC	Model Name :	QM806			
Temperature:	25℃	Relative Humidity:	55%			
Test Voltage:	st Voltage: DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX 8-DPSK Mode 2441MHz					
Remark:	Remark: No report for the emission which more than 10 dB below the prescribed limit.					
1000 10.44						

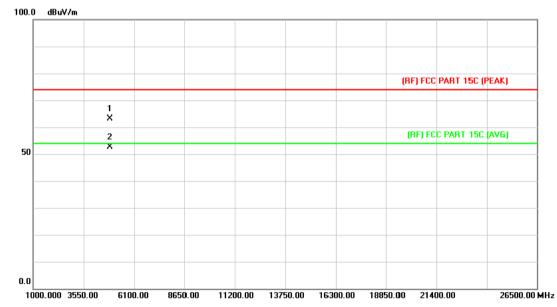


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4881.857	38.48	13.90	52.38	54.00	-1.62	AVG
2		4881.899	48.94	13.90	62.84	74.00	-11.16	peak



Page: 37 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical						
Test Mode:	TX 8-DPSK Mode 2441MHz		THE PARTY OF THE P				
Remark:	No report for the emission w prescribed limit.	hich more than 10 dB	below the				

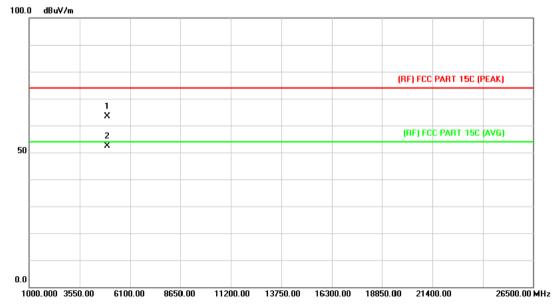


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4881.795	49.20	13.90	63.10	74.00	-10.90	peak
2	*	4881.994	38.72	13.90	52.62	54.00	-1.38	AVG



Page: 38 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal							
Test Mode:	TX 8-DPSK Mode 2480MHz	000						
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

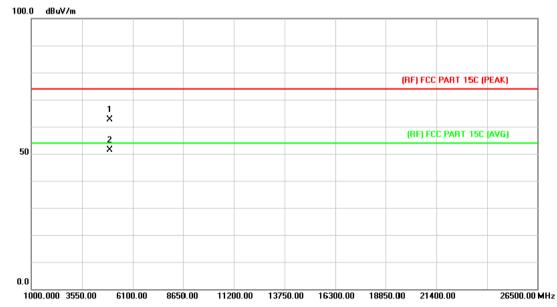


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4959.748	48.91	14.36	63.27	74.00	-10.73	peak
2	*	4959.969	38.08	14.36	52.44	54.00	-1.56	AVG



Page: 39 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical						
Test Mode:	TX 8-DPSK Mode 2480MHz	(1)33	LINE TO				
Remark:	No report for the emission wh prescribed limit.	ich more than 10 dB b	elow the				



No.	Mk.	Freq.		Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4959.943	48.29	14.36	62.65	74.00	-11.35	peak
2	*	4960.284	37.12	14.36	51.48	54.00	-2.52	AVG



Page: 40 of 90

6. Restricted Bands Requirement

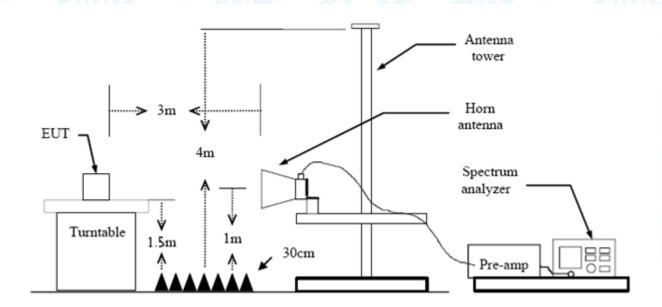
6.1 Test Standard and Limit

6.1.1 Test Standard FCC Part 15.209 FCC Part 15.205

6.1.2 Test Limit

Restricted Frequency	Class B (dE	BuV/m)(at 3m)
Band (MHz)	Peak	Average
2310 ~2390	74	54
2483.5 ~2500	74	54

6.2 Test Setup



6.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.



Report No.: TB-FCC155685 Page: 41 of 90

(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

- (4) 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.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with AVG Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

6.5 Test Data

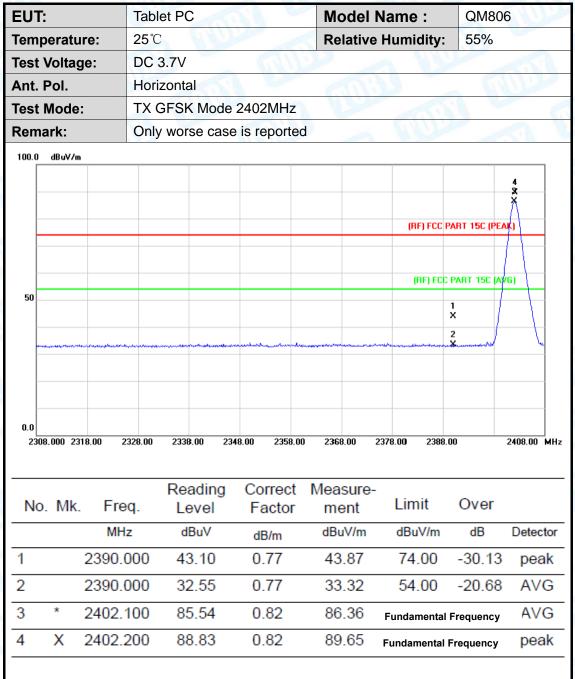
Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

All restriction bands have been tested, only the worst case is reported.



Page: 42 of 90

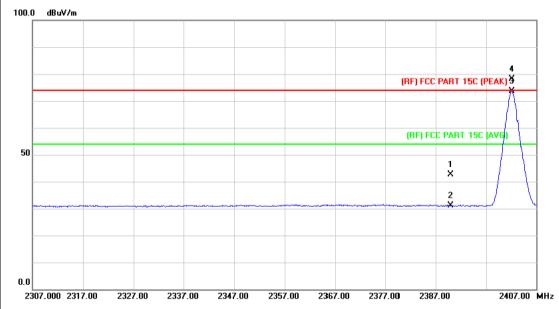
(1) Radiation Test





Page: 43 of 90

Tablet PC	Model Name :	QM806			
25℃	Relative Humidity:	55%			
DC 3.7V					
Vertical					
TX GFSK Mode 2402MHz					
Only worse case is reported	CITI'S	3 _ 6			
	25℃ DC 3.7V Vertical TX GFSK Mode 2402MHz	25°C Relative Humidity: DC 3.7V Vertical TX GFSK Mode 2402MHz			

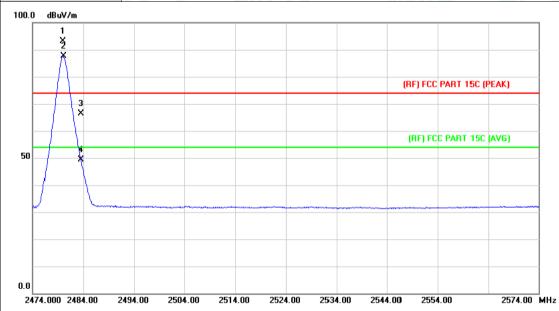


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	41.87	0.77	42.64	74.00	-31.36	peak
2		2390.000	30.35	0.77	31.12	54.00	-22.88	AVG
3	*	2402.100	72.70	0.82	73.52	Fundamenta	I Frequency	AVG
4	X	2402.200	77.30	0.82	78.12	Fundamenta	I Frequency	peak



Page: 44 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Horizontal						
Test Mode:	TX GFSK Mode 2480 MHz	WILL STORY	I HILL				
Remark:	Remark: Only worse case is reported						
100.0 10.1/1							

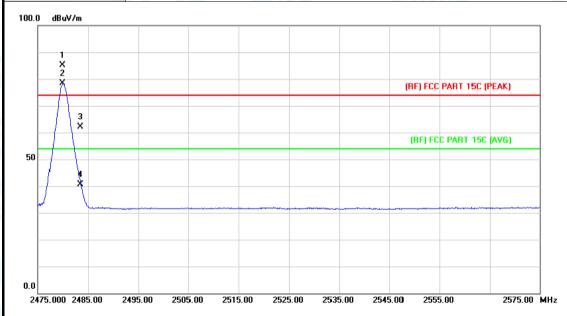


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2479.900	92.08	1.15	93.23	Fundamenta	al Frequency	peak
2	*	2480.000	86.40	1.15	87.55	Fundamenta	I Frequency	AVG
3		2483.500	65.33	1.17	66.50	74.00	-7.50	peak
4		2483.500	48.19	1.17	49.36	54.00	-4.64	AVG



Page: 45 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX GFSK Mode 2480 MHz		L. C. L.
Remark:	Only worse case is reported		

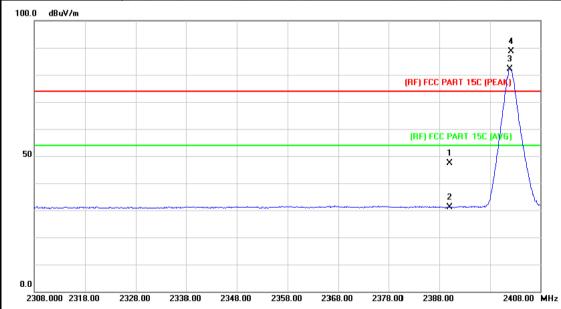


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2479.900	84.04	1.15	85.19	Fundamenta	I Frequency	peak
2	*	2479.900	77.22	1.15	78.37	Fundamenta	al Frequency	AVG
3		2483.500	60.98	1.17	62.15	74.00	-11.85	peak
4		2483.500	39.55	1.17	40.72	54.00	-13.28	AVG



Page: 46 of 90

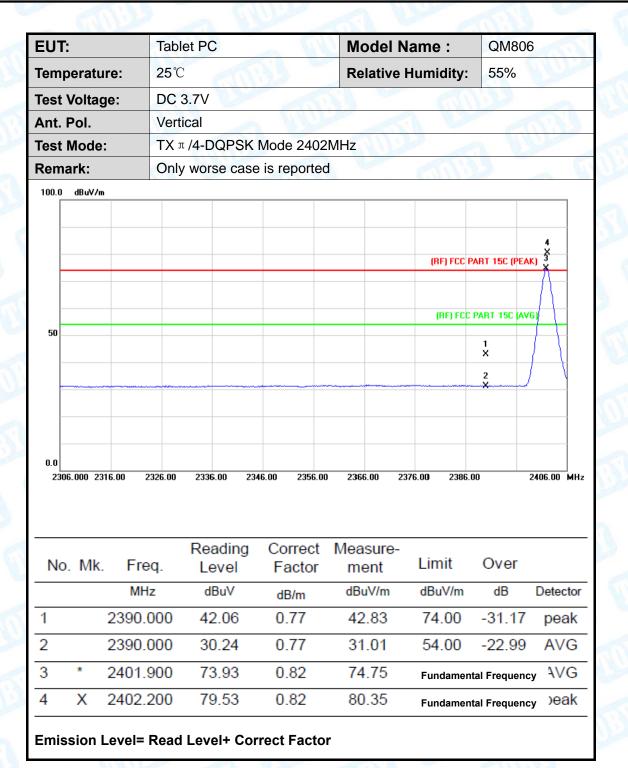
EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Horizontal						
Test Mode:	TX π /4-DQPSK Mode 2402	MHz	2				
Remark:	Remark: Only worse case is reported						
100.0 dBuV/m							



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	46.65	0.77	47.42	74.00	-26.58	peak
2		2390.000	30.40	0.77	31.17	54.00	-22.83	AVG
3	*	2401.900	81.29	0.82	82.11	Fundamen	tal Frequenc	y AVG
4	X	2402.200	87.92	0.82	88.74	Fundament	tal Frequenc	y peak



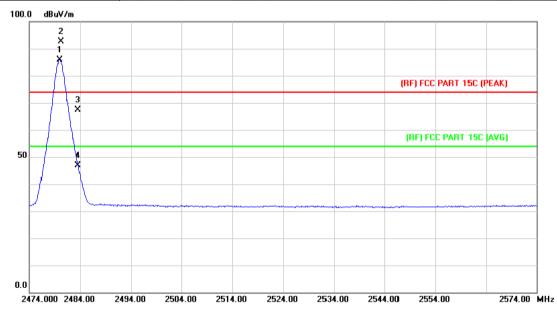
Page: 47 of 90





Page: 48 of 90

EUT:	Tablet PC	Model Name :	QM806					
Temperature:	25℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal		S. France					
Test Mode:	TX π /4-DQPSK Mode 2480M	Hz	A Million					
Remark:	Only worse case is reported							

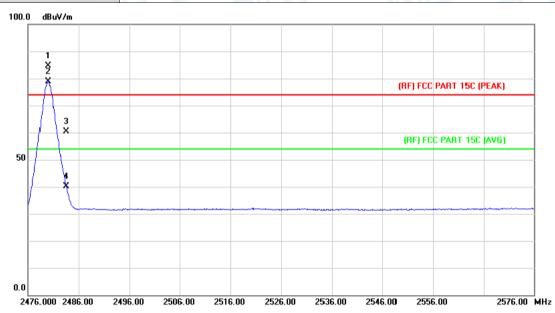


No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2479.900	84.85	1.15	86.00	Fundament	al Frequenc	y AVG
2	X	2480.200	91.59	1.15	92.74	Fundament	al Frequenc	y peak
3		2483.500	66.16	1.17	67.33	74.00	-6.67	peak
4		2483.500	45.70	1.17	46.87	54.00	-7.13	AVG



Page: 49 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical						
Test Mode:	TX π /4-DQPSK Mode 2480	MHz	3 130				
Remark:	Only worse case is reported						

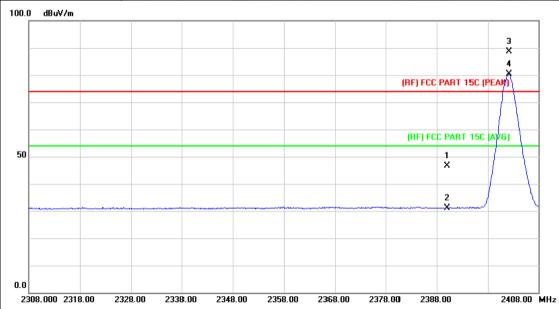


No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2479.900	83.51	1.15	84.66	Fundamenta	al Frequency	peak
2	*	2479.900	77.77	1.15	78.92	Fundamenta	al Frequency	AVG
3		2483.500	59.09	1.17	60.26	74.00	-13.74	peak
4		2483.500	39.05	1.17	40.22	54.00	-13.78	AVG



Page: 50 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	Time William					
Ant. Pol.	Horizontal						
Test Mode:	TX 8-DPSK Mode 2402MHz	z Millians					
Remark:	Only worse case is reported						
100.0 dRuV/m							

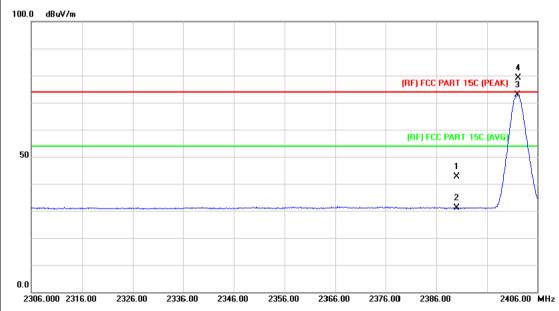


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	45.89	0.77	46.66	74.00	-27.34	peak
2		2390.000	30.43	0.77	31.20	54.00	-22.80	AVG
3	X	2402.200	87.92	0.82	88.74	Fundamenta	I Frequency	peak
4	*	2402.200	79.54	0.82	80.36	Fundamenta	al Frequency	AVG



Page: 51 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	mn -	
Ant. Pol.	Vertical		
Test Mode:	TX 8-DPSK Mode 2402MHz	WILL STREET	I ROLL
Remark:	Only worse case is reported		3

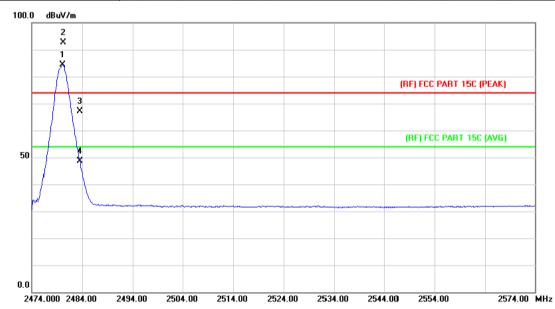


No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	41.84	0.77	42.61	74.00	-31.39	peak
2		2390.000	30.24	0.77	31.01	54.00	-22.99	AVG
3	*	2402.100	72.13	0.82	72.95	Fundament	al Frequency	AVG
4	Х	2402.200	78.42	0.82	79.24	Fundamenta	al Frequency	peak



Page: 52 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	mm .	
Ant. Pol.	Horizontal		
Test Mode:	TX 8-DPSK Mode 2480MHz	William .	A Alberta
Remark:	Only worse case is reported		2 0

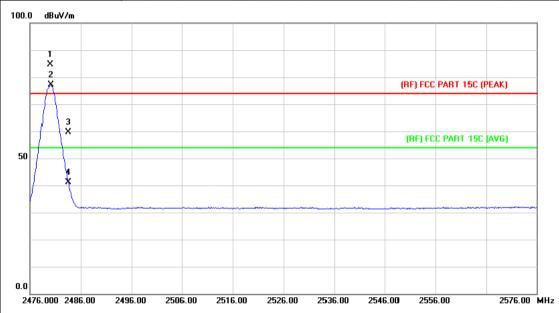


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2480.100	83.22	1.15	84.37	Fundamenta	l Frequency	AVG
2	X	2480.200	91.58	1.15	92.73	Fundamenta	l Frequency	peak
3		2483.500	65.97	1.17	67.14	74.00	-6.86	peak
4		2483.500	47.35	1.17	48.52	54.00	-5.48	AVG



Page: 53 of 90

EUT:	Tablet PC	Model Name :	QM806				
Temperature:	25℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX 8-DPSK Mode 2480MHz						
Remark: Only worse case is reported							



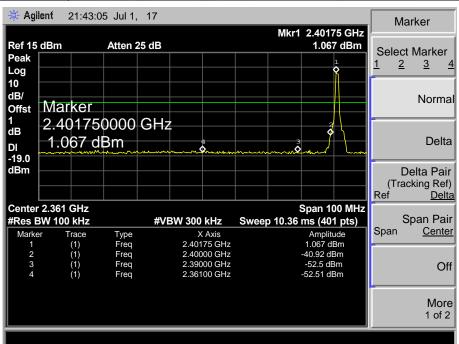
No.	. Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2479.900	83.58	1.15	84.73	Fundamental	I Frequency	peak
2	*	2480.000	75.87	1.15	77.02	Fundamental	Frequency	AVG
3		2483.500	58.48	1.17	59.65	74.00	-14.35	peak
4		2483.500	39.91	1.17	41.08	54.00	-12.92	AVG

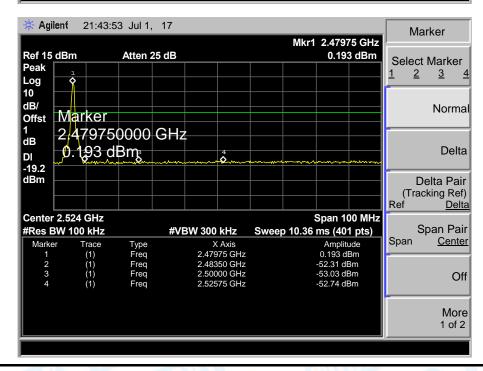


Page: 54 of 90

(2) Conducted Test

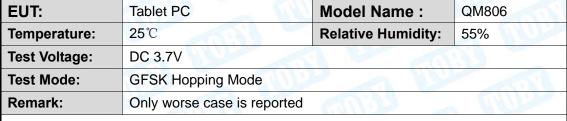


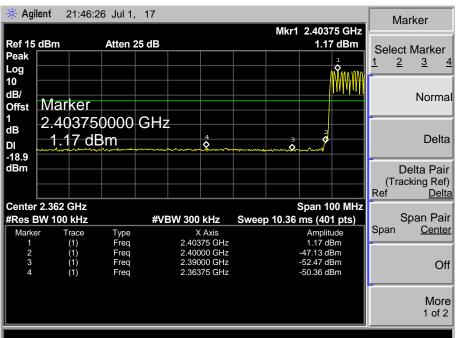


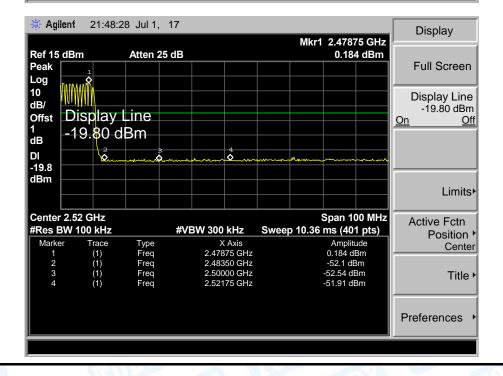




Page: 55 of 90

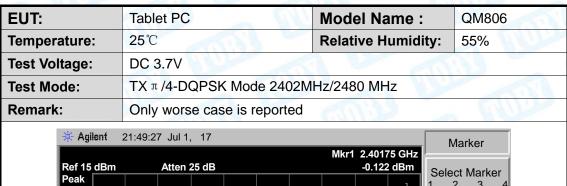


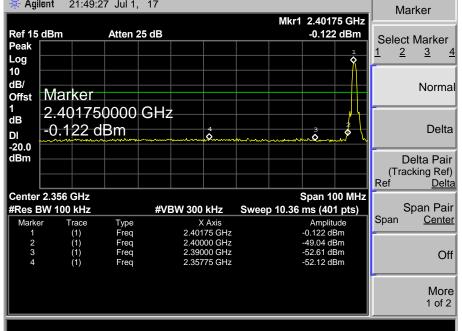


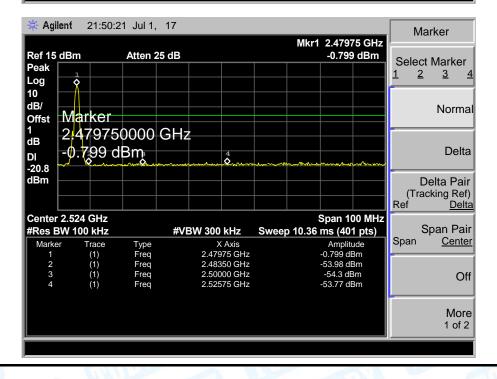




Page: 56 of 90

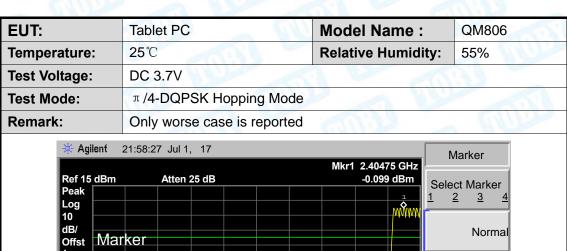


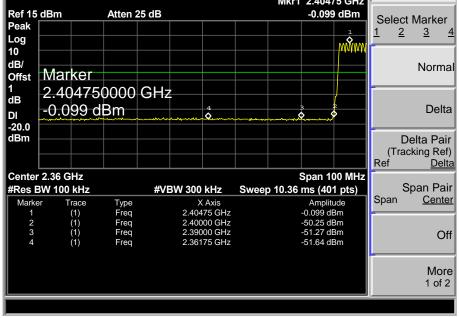


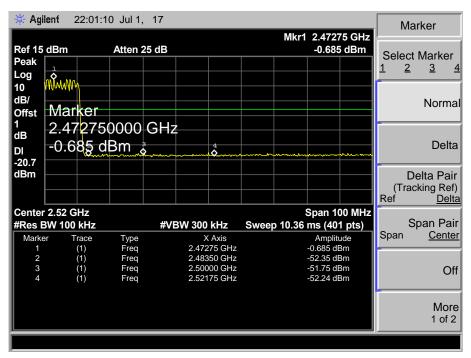




Page: 57 of 90

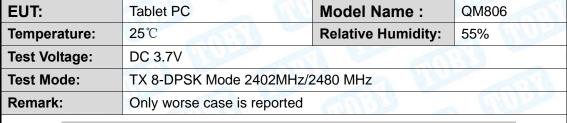


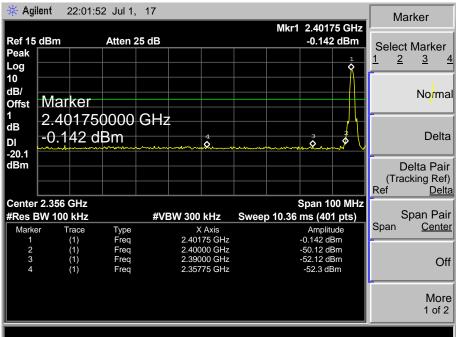


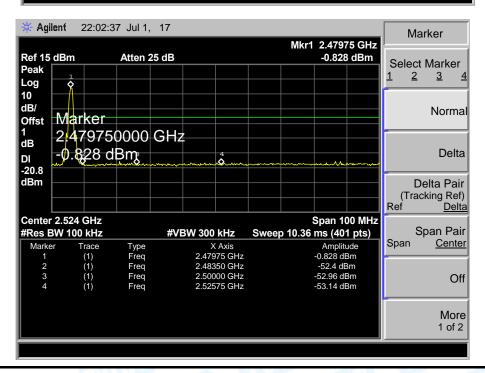




Page: 58 of 90

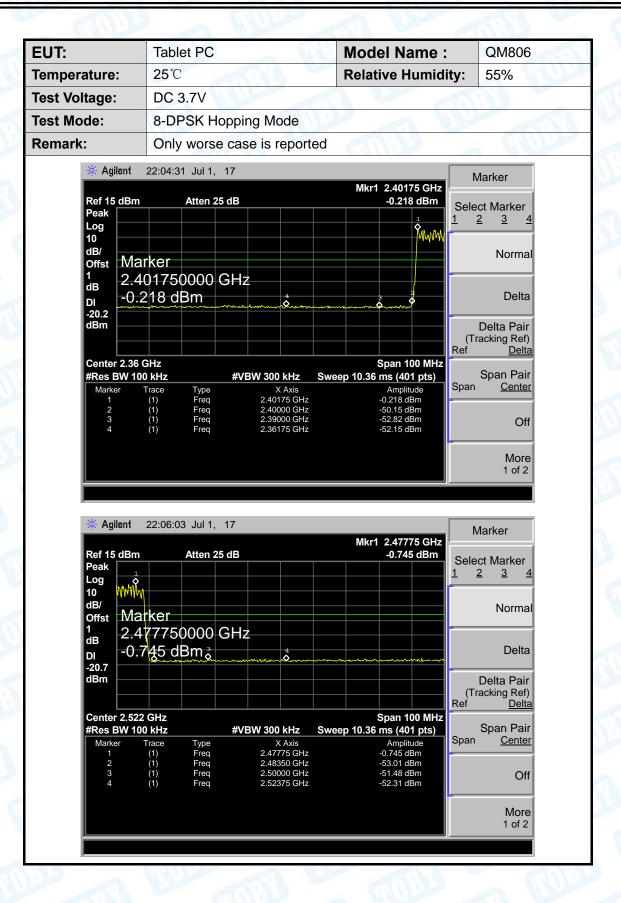








Page: 59 of 90





Page: 60 of 90

7. Number of Hopping Channel

7.1 Test Standard and Limit

6.1.1 Test Standard FCC Part 15.247 (a)(1)

6.1.2 Test Limit

Section	Test Item	Limit
15.247	Number of Hopping Channel	>15

7.2 Test Setup



7.3 Test Procedure

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

7.4 EUT Operating Condition

The EUT was set to the Hopping Mode by the Customer.

7.5 Test Data



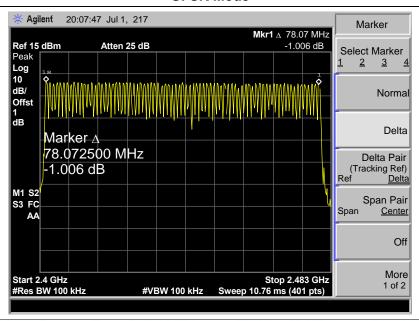
Page: 61 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	m e	333

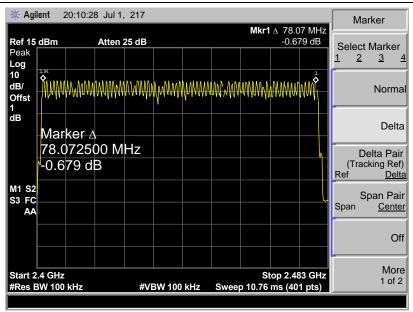
Test Mode: Hopping Mode

Frequency Range	Test Mode	Quantity of Hopping Channel	Limit
	GFSK	79	
2402MHz~2480MHz	π /4-DQPSK	79	>15
	8-DPSK	79	

GFSK Mode

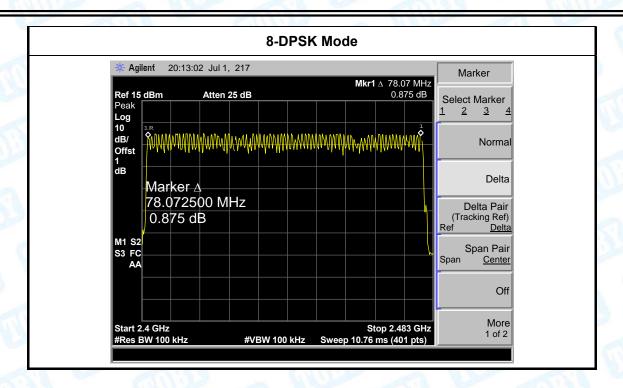


π /4-DQPSK Mode





Page: 62 of 90





Page: 63 of 90

8. Average Time of Occupancy

8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.247 (a)(1)

8.1.2 Test Limit

Section	Test Item	Limit
15.247(a)(1)/ RSS-210	Average Time of	0.4.000
Annex 8(A8.1d)	Occupancy	0.4 sec

8.2 Test Setup



8.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting: RBW=1MHz, VBW=1MHz.
- (3) Use video trigger with the trigger level set to enable triggering only on full pulses.
- (4) Sweep Time is more than once pulse time.
- (5) Set the center frequency on any frequency would be measure and set the frequency span to zero.
- (6) Measure the maximum time duration of one single pulse.
- (7) Set the EUT for packet transmitting.
- (8) Measure the maximum time duration of one single pulse.

8.4 EUT Operating Condition

The average time of occupancy on any channel within the Period can be calculated with formulas:

 $\{Total \ of \ Dwell\} = \{Pulse \ Time\} * (1600 / X) / \{Number \ of \ Hopping \ Frequency\} * \{Period\} = 0.4s * \{Number \ of \ Hopping \ Frequency\}$

Note: X=2 or 4 or 6 (1DH1=2, 1DH3=4, 1DH5=6. 2DH1=2, 2DH3=4, 2DH5=6. 3DH1=2,3DH3=4, 3DH5=6)

The lowest, middle and highest channels are selected to perform testing to record the dwell time of each occupation measured in this channel, which is called Pulse Time here.

The EUT was set to the Hopping Mode by the Customer.



Page: 64 of 90

8.5 Test Data

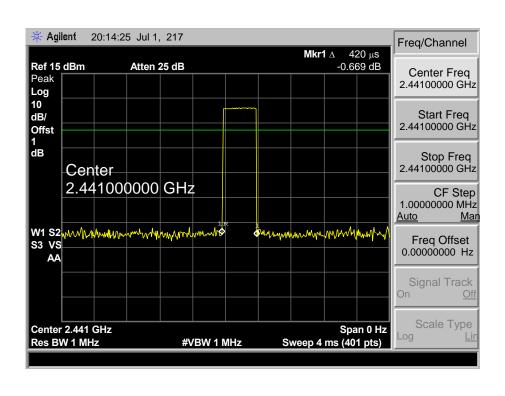
EUT: Tab			let PC		Mc	del Name :	QM80	6
Temperature:		25°	C		Relative Humidity:		55%	
Test Voltage: D		DC	3.7V	DAG:				
Test Mode:		Hop	oping Mode (G	SFSK)	(THE STATE OF THE S		
Test	Chan	nel	Pulse	Total of Dwe	ell	Period Time	Limit	Result
Mode	(MH	z)	Time (ms)	(ms)		(s)	(ms)	Result
1DH1	244	1	0.42	134.40		31.60	400	PASS
1DH3	244	1	1.68	268.80		31.60	400	PASS
1DH5	244	1	2.93	312.53		31.60	400	PASS

1DH1 Total of Dwell= Pulse Time*(1600/2)*31.6/79

1DH3 Total of Dwell= Pulse Time*(1600/4)*31.6/79

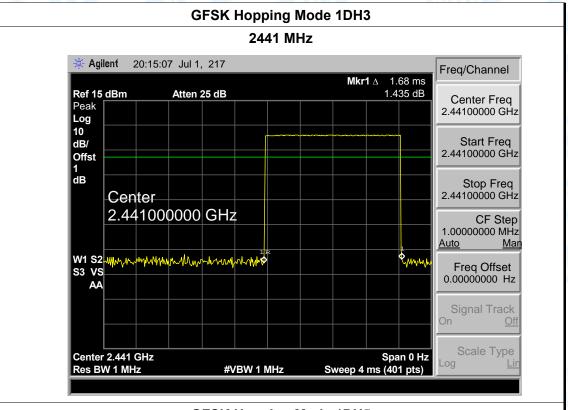
1DH5 Total of Dwell= Pulse Time*(1600/6)*31.6/79

GFSK Hopping Mode 1DH1

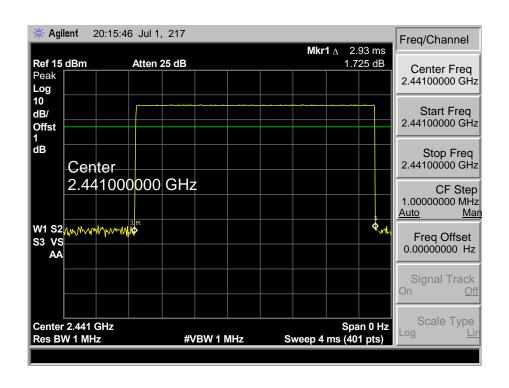




Page: 65 of 90









Page: 66 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		19

Test Mode: Hopping Mode (π /4-DQPSK)

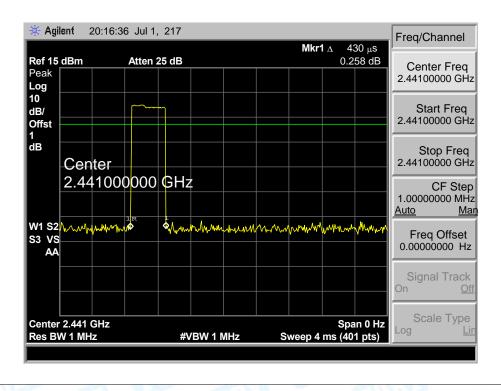
Test	Channel	Pulse	Total of Dwell	Period Time	Limit	Result
Mode	(MHz)	Time (ms)	(ms)	(s)	(ms)	Result
2DH1	2441	0.43	137.60	31.60	400	PASS
2DH3	2441	1.71	273.60	31.60	400	PASS
2DH5	2441	2.93	312.53	31.60	400	PASS

2DH1 Total of Dwell= Pulse Time*(1600/2)*31.6/79

2DH3 Total of Dwell= Pulse Time*(1600/4)*31.6/79

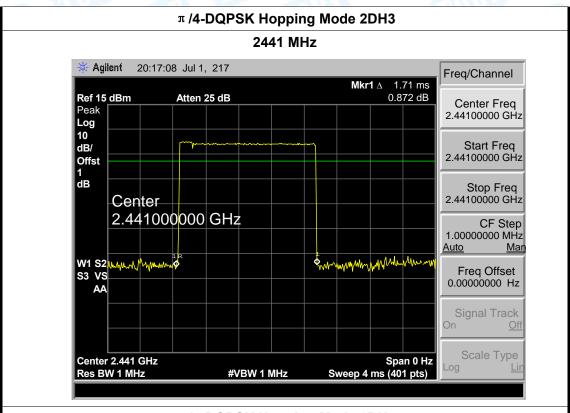
2DH5 Total of Dwell= Pulse Time*(1600/6)*31.6/79

π /4-DQPSK Hopping Mode 2DH1

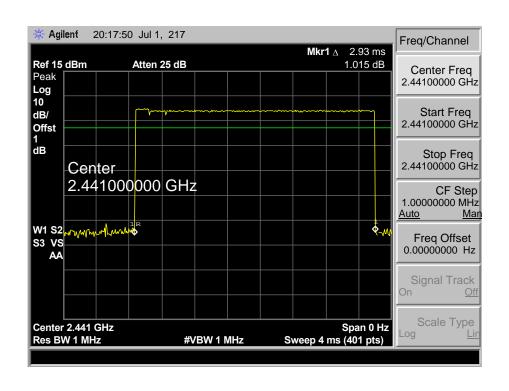




Page: 67 of 90



π /4-DQPSK Hopping Mode 2DH5





Page: 68 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Toot Voltage	DC 2.7\/		211111

Test Voltage: DC 3.7V

Test Mode: Hopping Mode (8-DQPSK)

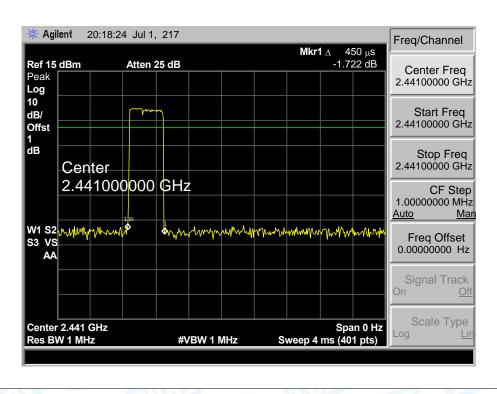
Test	Channel	Pulse	Total of Dwell	Period Time	Limit	Result
Mode	(MHz)	Time (ms)	(ms)	(s)	(ms)	Result
3DH1	2441	0.45	144.00	31.60	400	PASS
3DH3	2441	1.70	272.00	31.60	400	PASS
3DH5	2441	2.94	313.60	31.60	400	PASS

3DH1 Total of Dwell= Pulse Time*(1600/2)*31.6/79

3DH3 Total of Dwell= Pulse Time*(1600/4)*31.6/79

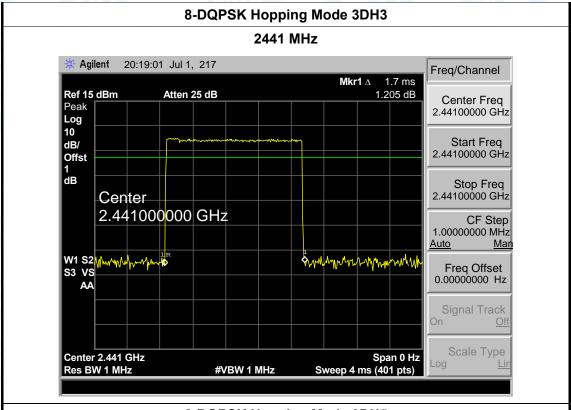
3DH5 Total of Dwell= Pulse Time*(1600/6)*31.6/79

8-DQPSK Hopping Mode 3DH1

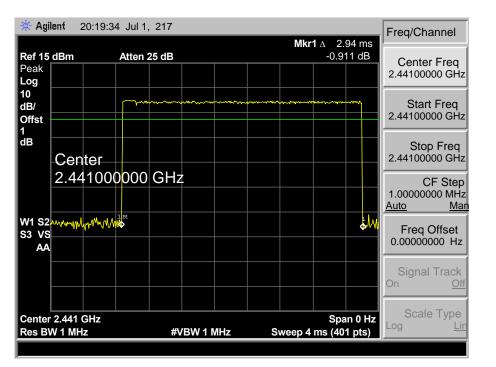




Page: 69 of 90



8-DQPSK Hopping Mode 3DH5





Page: 70 of 90

9. Channel Separation and Bandwidth Test

9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.247

9.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)	
Bandwidth	<=1 MHz (20dB bandwidth)	2400~2483.5	
Channel Separation	>25KHz or >two-thirds of the 20 dB bandwidth Which is greater	2400~2483.5	

9.2 Test Setup



9.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting:

Channel Separation: RBW=100 kHz, VBW=100 kHz.

Bandwidth: RBW=30 kHz, VBW=100 kHz.

- (3) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.
 - (4) Measure the channel separation the spectrum analyzer was set to Resolution Bandwidth:30 kHz, and Video Bandwidth:100 kHz. Sweep Time set auto.

9.4 EUT Operating Condition

The EUT was set to the Hopping Mode for Channel Separation Test and continuously transmitting for the Bandwidth Test.

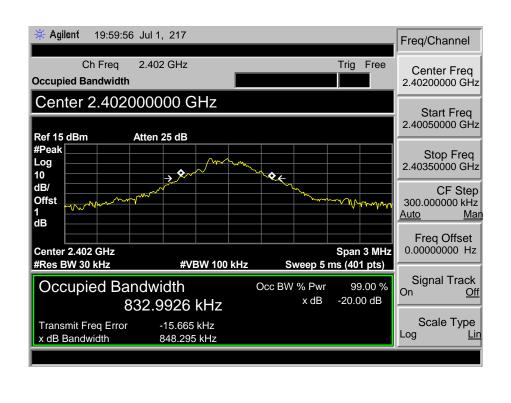


Page: 71 of 90

9.5 Test Data

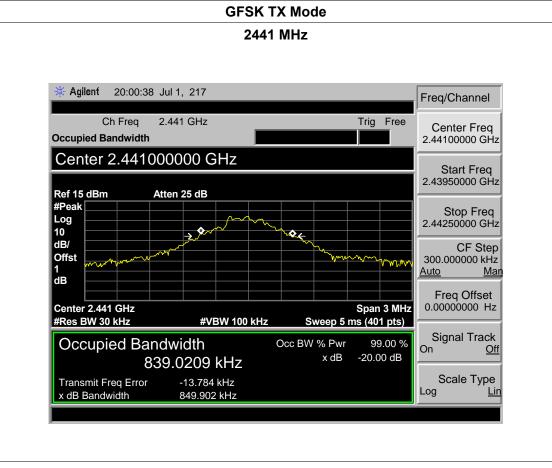
EUT:	Tab	olet PC	Model Name :	QM806
Temperature:	erature: 25°C		Relative Humidity:	55%
Test Voltage:	DC	3.7V		
Test Mode:	TX	TX Mode (GFSK)		2 110
Channel freque	ency	99% OBW (kHz)	20dB Bandwidth (kHz)	20dB Bandwidth *2/3 (kHz)
2402		832.9926	848.295	
2441		839.0209	849.902	

GFSK TX Mode

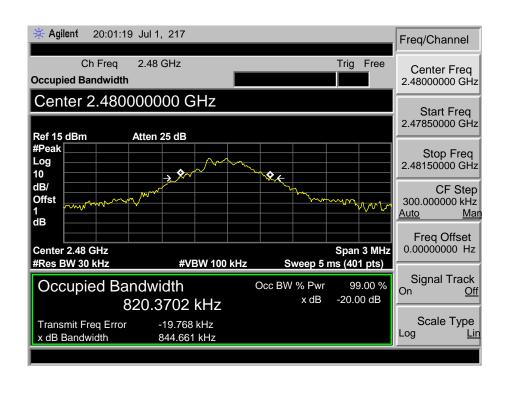




Page: 72 of 90









2480

Report No.: TB-FCC155685

826.00

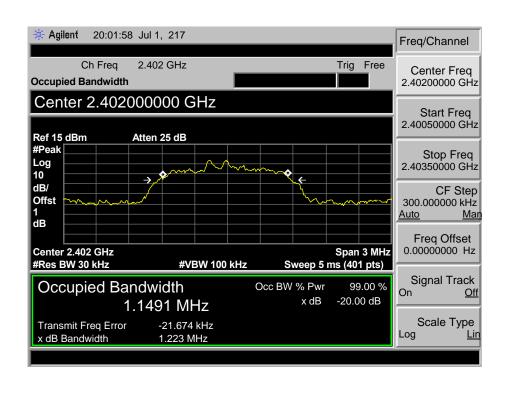
Page: 73 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		133
Test Mode : TX Mode (π /4-DQPSK			
Channel freque	99% OBW (kHz)	20dB Bandwidth (kHz)	20dB Bandwidth *2/3 (kHz)
•			Bandwidth *2/3

π/4-DQPSK TX Mode

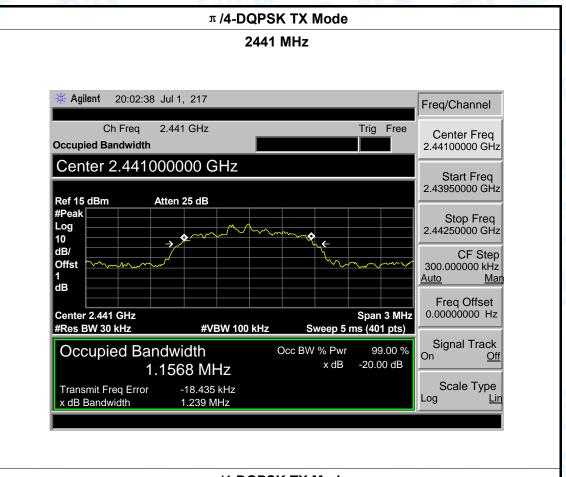
1239

1157.2

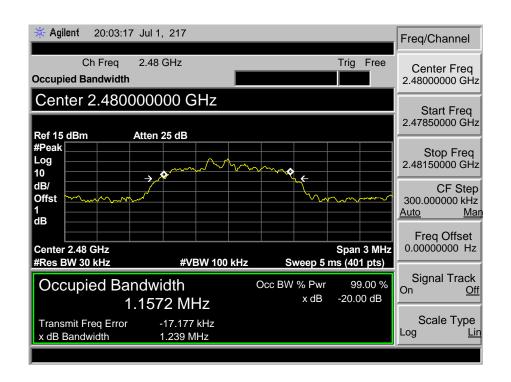




Page: 74 of 90



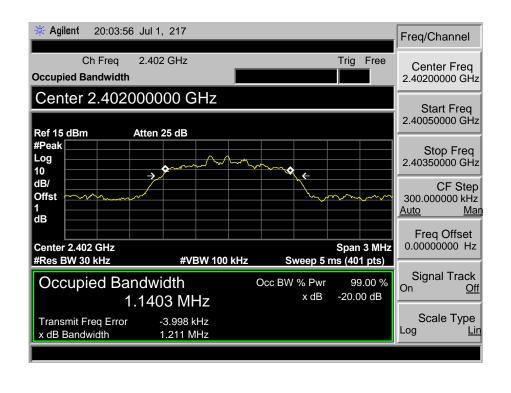






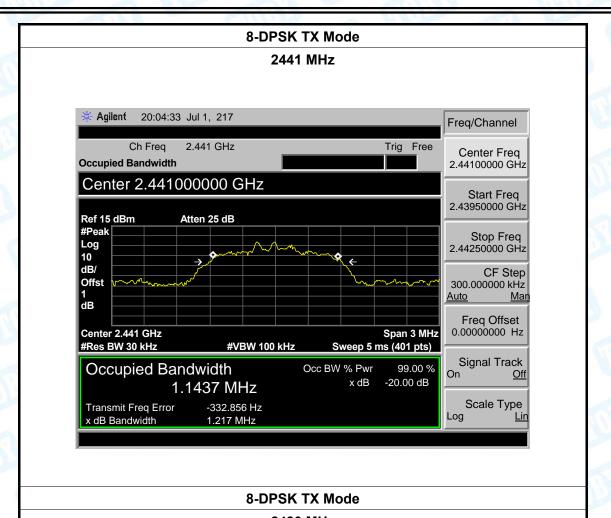
Page: 75 of 90

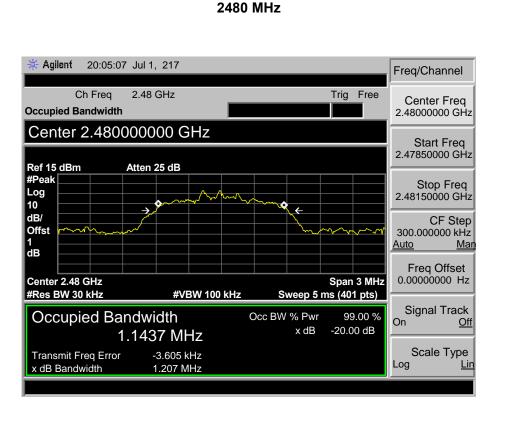
EUT:	Tab	olet PC	Model Name :	QM806		
Temperature:	25°		Relative Humidity:	55%		
Test Voltage:	DC	3.7V	W Color			
Test Mode:	TX	Mode (8-DPSK)				
Channel frequency (MHz) 99% OBW 20dB Bandwidth Bandwidth *2/3 (kHz)						
2402		1140.3	1211	807.33		
2441	2441 1143.7 1217 811.33			811.33		
2480 1143.7 1207 804.67				804.67		
8-DPSK TX Mode						
		2402 N	MHz			





Page: 76 of 90







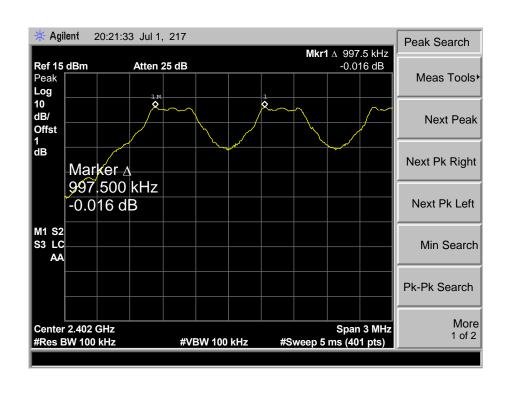
Page: 77 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
To all Manda	Hammin at Marta (OFOK)		F-11111

Test Mode: Hopping Mode (GFSK)

Channel frequency	Separation Read Value	Separation Limit		
(MHz)	(kHz)	(kHz)		
2402	997.5	848.295		
2441	1005	849.902		
2480	1005	844.661		

GFSK Hopping Mode

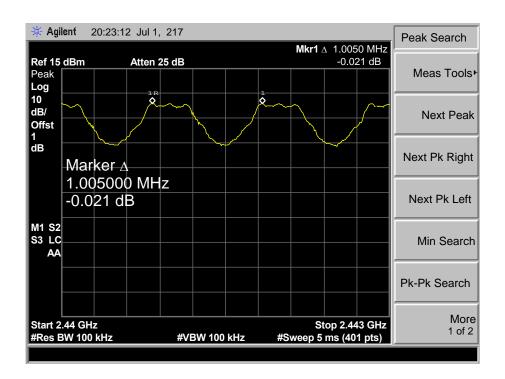




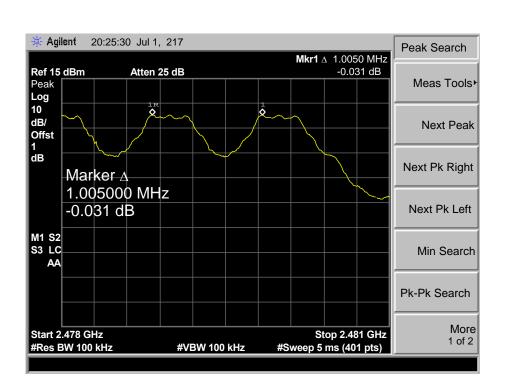
Page: 78 of 90



2441 MHz



GFSK Hopping Mode





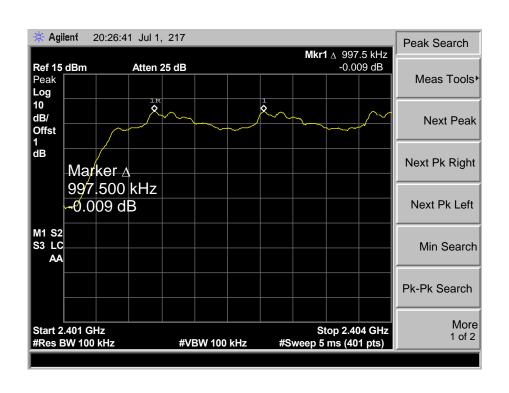
Page: 79 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		

Test Mode: Hopping Mode (π /4-DQPSK)

Channel frequency	Separation Read Value	Separation Limit			
(MHz)	(kHz)	(kHz)			
2402	997.5	815.33			
2441	990.0	826.00			
2480	997.5	826.00			

π /4-DQPSK Hopping Mode

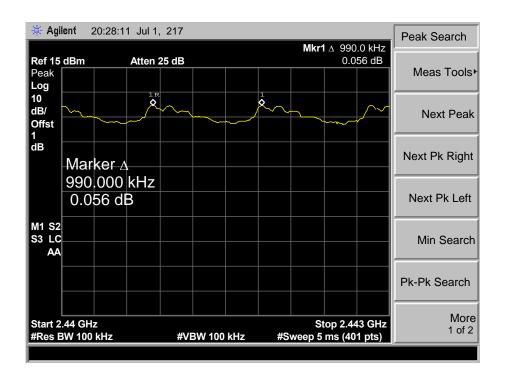




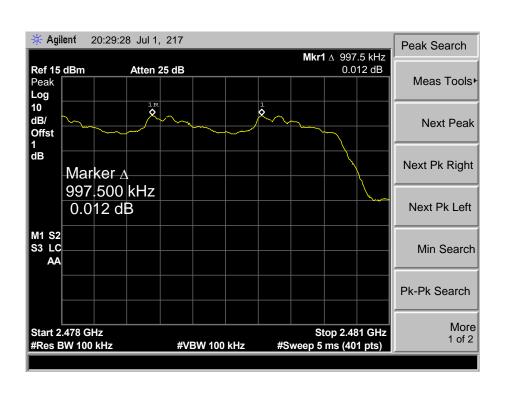
Page: 80 of 90



2441 MHz



π /4-DQPSK Hopping Mode





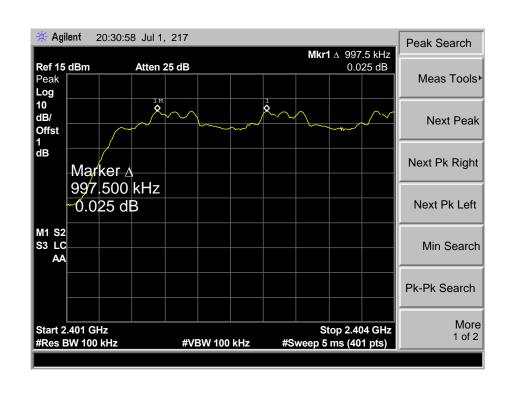
Page: 81 of 90

EUT:	Tablet PC	Model Name :	QM806
Temperature:	25℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		

Test Mode: Hopping Mode (8-DPSK)

Channel frequency		Separation Read Value	Separation Limit
	(MHz)	(kHz)	(kHz)
	2402	997.5	807.33
	2441	1005	811.33
	2480	997.5	804.67

8-DPSK Hopping Mode

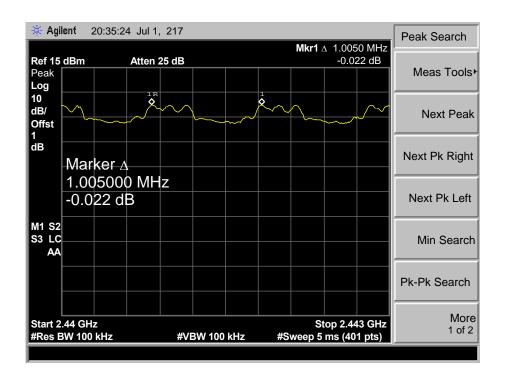




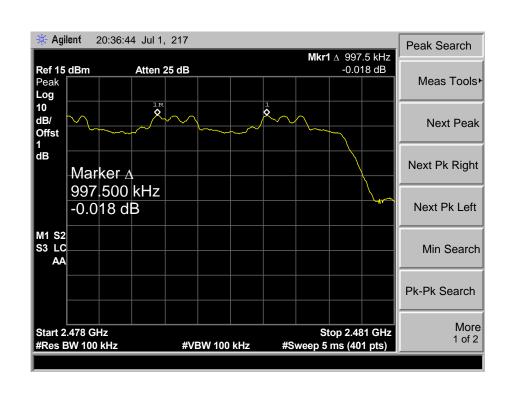
Page: 82 of 90

8-DPSK Hopping Mode

2441 MHz



8-DPSK Hopping Mode





Page: 83 of 90

10. Peak Output Power Test

10.1 Test Standard and Limit

10.1.1 Test Standard FCC Part 15.247 (b) (1)

10.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Peak Output Power	Hopping Channels>75 Power<1W(30dBm)	2400~2483.5
THE OWNER OF THE OWNER OWNER OWNER OF THE OWNER OWN	Other <125 mW(21dBm)	

10.2 Test Setup



10.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting:

Peak Detector: RBW=1 MHz, VBW=3 MHz for bandwidth less than 1MHz. RBW=3 MHz, VBW=3 MHz for bandwidth more than 1MHz.

10.4 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.



Page: 84 of 90

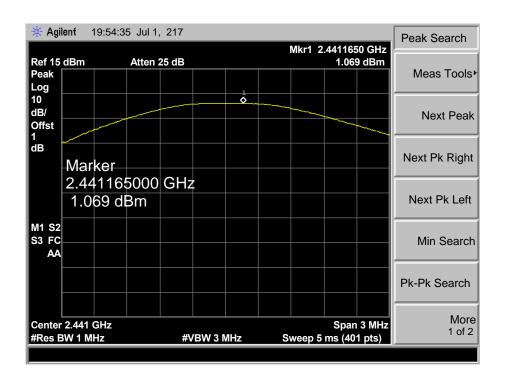
10.5 Test Data

Log 10 dB/ Offst 1 dB Marker 2.402172500 GHz Next Pk Right Next Pk Left Min Search	Γ:	Tablet Po		Model Na	ame :	QM806
## Mode: TX Mode (GFSK) ## annel frequency (MHz)	perature:	25℃	(II)	Relative H	lumidity:	55%
Test Result (dBm) Limit (dBm)	Voltage:	DC 3.7V		MILE	1.3	2 83
2402 1.390 2441 1.069 30 2480 0.515 GFSK TX Mode 2402 MHz Agilent 19:53:55 Jul 1, 217 Ref 15 dBm Atten 25 dB	Mode:	TX Mode	(GFSK)	A V	CTO!	13
2441 1.069 30 2480 0.515 GFSK TX Mode 2402 MHz Agilent 19:53:55 Jul 1, 217 Ref 15 dBm Atten 25 dB 1.39 dBm Meas Tools Log 10 dB/ Offst 1 dB Marker 2.402172500 GHz 1.39 dBm Next Pk Right M1 s2 s3 FC AA Min Search	nnel frequ	ency (MHz)	Test Res	sult (dBm)	L	imit (dBm
# Agilent 19:53:55 Jul 1, 217 Ref 15 dBm	2402	2	1.	390		
GFSK TX Mode 2402 MHz Agillent 19:53:55 Jul 1, 217 Peak Search Mkr1 2.4021725 GHz 1.39 dBm Meas Tools Next Peak Next Pk Right M1 S2 S3 FC AA Min Search	244	1	1.	069		30
Agilent 19:53:55 Jul 1, 217 Ref 15 dBm Atten 25 dB 1.39 dBm Peak Log 10 Marker 2.402172500 GHz 1.39 dBm Marker 2.402172500 GHz 1.39 dBm M1 S2 S3 FC AA Min Search	2480)	0.	515		
Ref 15 dBm Atten 25 dB 1.39 dBm Meas Tools Next Peak Log 10 dB/ Offst 1 dB Marker 2.402172500 GHz 1.39 dBm Min Search Min Search			GFSK	TX Mode		
Ref 15 dBm Atten 25 dB 1.39 dBm Meas Tools Next Peak Next Pk Right M1 S2 S3 FC AA Mkr1 2.4021725 GHz 1.39 dBm Meas Tools Next Pk Right Next Pk Left Min Search			240	2 MHz		
Peak Log 10					1725 GHz	eak Search
10 dB/ Offst 1 dB Marker 2.402172500 GHz 1.39 dBm M1 S2 S3 FC AA Min Search		Sm Atter	25 dB			Meas Tools
Offst 1 dB Marker 2.402172500 GHz Next Pk Right Next Pk Left Next Pk Left Min Search				<u>, </u>		
1 dB Marker 2.402172500 GHz Next Pk Right Next Pk Left Next Pk Left Min Search						Next Peak
2.402172500 GHz 1.39 dBm M1 S2 S3 FC AA Min Search		1arker			N	Next Pk Right
1.39 dBm Next Pk Left Min Search			GHz			
S3 FC Min Search		1.39 dBm				Next Pk Left
	S3 FC					Min Search
PR-PR SealCIT					P	k-Pk Search
			40 (D)M 2 MALL			More 1 of 2

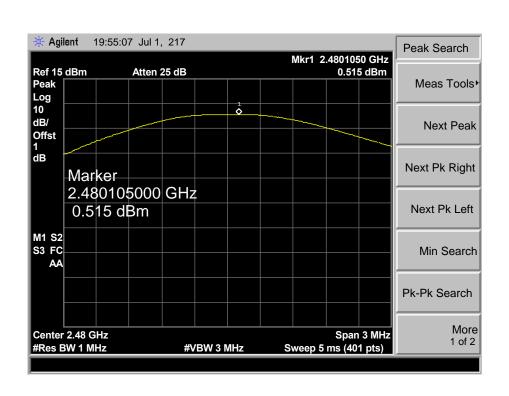


Page: 85 of 90





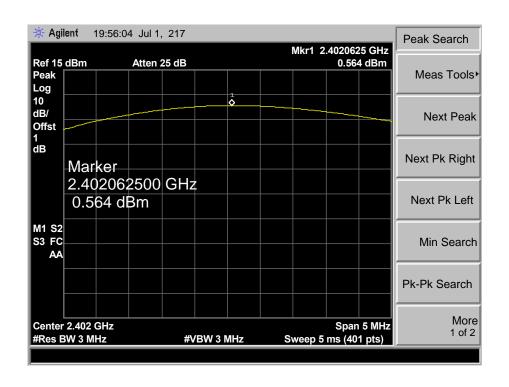
GFSK TX Mode





Page: 86 of 90

EUT:	Tablet PC	Model Name: QM80		QM806		
Temperature:	25℃		Relative Humidity:	55%		
Test Voltage:	DC 3.7V	N. C.	V C	(3.9.3)		
Test Mode:	TX Mode	X Mode (π /4-DQPSK)				
Channel frequen	Channel frequency (MHz) Test Result (dBm) Limit (dBm)					
2402	2402 0.564					
2441		0.126 21				
2480		-0.348				
π /4-DQPSK TX Mode						
2402 MILI-						

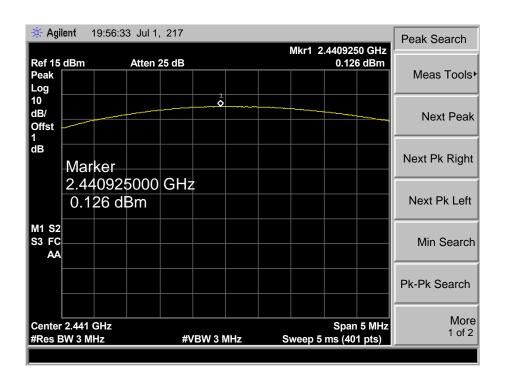




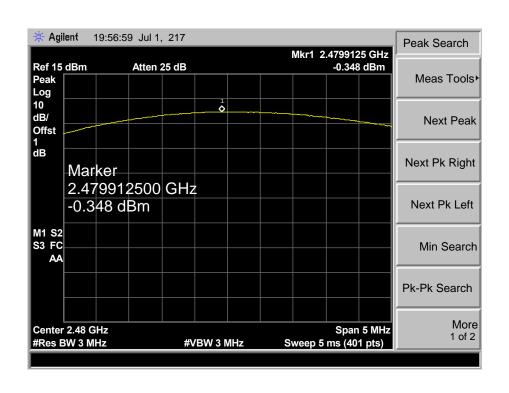
Page: 87 of 90



2441 MHz



π/4-DQPSK TX Mode

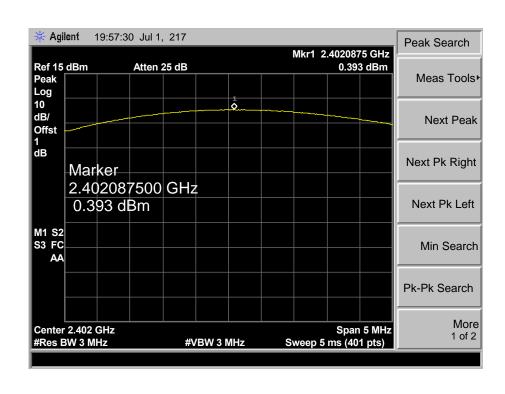




Page: 88 of 90

EUT:	Tablet PC	DAY.	Model Name :	QM806
Temperature:	25℃		Relative Humidity:	55%
Test Voltage:	DC 3.7V	THE PARTY OF THE P	1	
Test Mode:	TX Mode	(8-DPSK)		
Channel frequency (MHz)		Test Result (dBm) Lin		nit (dBm)
2402		0.393		
2441 0.231			21	
2480		-0.289	-0.289	
		O DDCK TV	Mada	

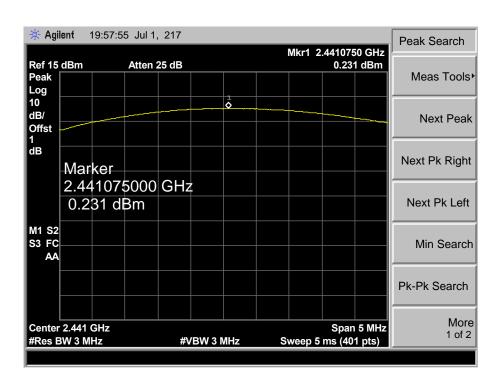
8-DPSK TX Mode



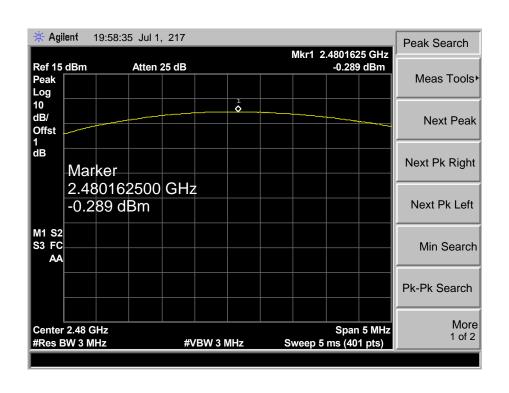


Page: 89 of 90





8-DPSK TX Mode





Page: 90 of 90

11. Antenna Requirement

11.1 Standard Requirement

11.1.1 Standard FCC Part 15.203

11.1.2 Requirement

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

11.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is -0.12dBi, and the antenna connector is de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

11.3 Result

The EUT antenna is a FPC Antenna. It complies with the standard requirement.

Antenna Type	
	Permanent attached antenna
THE PARTY OF	⊠Unique connector antenna
	☐Professional installation antenna

----END OF REPORT----