

FCC C2PC Test Report

FCC ID	:	2AIHDMOD1
Equipment	:	Samsara MOD1
Model No.	:	470-0003-01
Brand Name	:	Samsara
Applicant	:	SAMSARA NETWORKS INC
Address	:	444 De Haro St, San Francisco, CA 94107 USA.
Standard	:	47 CFR FCC Part 15.247
Received Date	:	Jul. 16, 2018
Tested Date	:	Jul. 28 ~ Aug. 06, 2018

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Along Cheil / Assistant Manager

Hay Cly



Gary Chang / Manager

Approved by:



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Release Record

Report No.	Version	Description	Issued Date
FR6N1801-03	Rev. 01	Initial issue	Aug. 14, 2018



Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 14.828MHz 34.58 (Margin -15.42dB) - AV	Pass
15.247(d)	Radiated Emissions	[dBuV/m at 3m]: 2352.00MHz	Pass
15.209		53.90 (Margin -0.10dB) - AV	F 835
15.247(b)(3)	Maximum Output Power	Power [dBm]: 19.66	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass



1 General Description

1.1 Information

This report is prepared for Class II Permissive change. (C2PC).

This report is issued as a supplementary report to original ICC report no. FR6N1801. The modification is only concerned with following item:

♦ Power amplifier is changed

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information							
Frequency Range (MHz)Bluetooth ModeCh. Freq. (MHz)Channel NumberData Rate							
2400-2483.5	V4.0 LE	2402-2480	0-39 [40]	1 Mbps			
Note 1: Bluetooth LE (Low energy) uses GFSK modulation.							

1.1.2 Antenna Details

Ant. No.	Туре	Connector	Gain (dBi)	Remarks
1	PIFA	No	2.19	

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type 1.5Vdc from host	
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1.1.4 Accessories

N/A



1.1.5 Channel List

	Frequency	band (MHz)			2400~2	2483.5	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
37	2402	9	2422	18	2442	28	2462
0	2404	10	2424	19	2444	29	2464
1	2406	38	2426	20	2446	30	2466
2	2408	11	2428	21	2448	31	2468
3	2410	12	2430	22	2450	32	2470
4	2412	13	2432	23	2452	33	2472
5	2414	14	2434	24	2454	34	2474
6	2416	15	2436	25	2456	35	2476
7	2418	16	2438	26	2458	36	2478
8	2420	17	2440	27	2460	39	2480

1.1.6 Test Tool and Duty Cycle

Test tool	Putty, version: 0.6
Duty cycle of test signal (%)	64.81%
Duty Factor (dB)	1.88

1.1.7 Power Setting

Medulation Mode	Test Frequency (MHz)				
Modulation Mode	2402	2440	2480		
GFSK/1Mbps	-4	-4	-4		

Note: Measured output power values are listed in section 3.3.4.

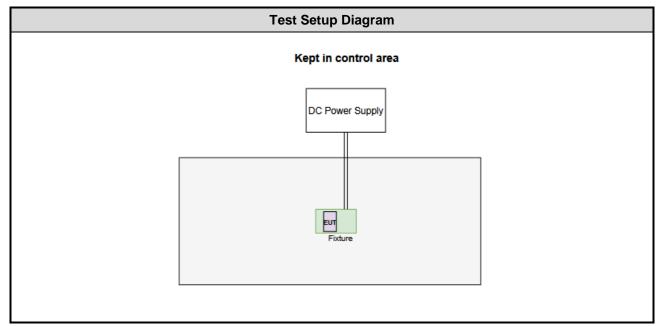


1.2 Local Support Equipment List

	Support Equipment List								
No.	o. Equipment Brand Model FCC ID Remarks								
1	Notebook	DELL	Latitude E6430	DoC					
2	DC Power Supply	GW INSTEK	GPC-6030D						
3	Fixture				Provided by applicant.				

Note: Fixture is provided by applicant.

1.3 Test Setup Chart



Note: The support notebook is disconnected from EUT and removed from test table when EUT is set to transmit continuously.



Test Equipment List and Calibration Data 1.4

Test Item	Conducted Emission									
Test Site	Conduction room 1 / (CO01-WS)									
Instrument	Manufacturer	Manufacturer Model No. Serial No. Calibration Date Calibration Until								
Receiver	R&S	ESR3	101657	Jan. 05, 2018	Jan. 04, 2019					
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 13, 2017	Nov. 12, 2018					
RF Cable-CON	EMC	EMC EMCCFD300-BM-BM-6000 50821 Dec. 18, 2017 Dec. 17, 2018								
Measurement Software										
Note: Calibration Int	erval of instruments lis	ted above is one year.								

Test Item	Radiated Emission						
Test Site	966 chamber 3 / (03CH03-WS)						
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until		
Spectrum Analyzer	R& S	FSV40	101499	Jan. 03, 2018	Jan. 02, 2019		
Receiver	R& S	ESR3	101658	Nov. 20, 2017	Nov. 19, 2018		
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Apr. 19, 2018	Apr. 18, 2019		
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Jan. 18, 2018	Jan. 17, 2019		
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 23, 2017	Nov. 22, 2018		
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2017	Nov. 12, 2018		
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Dec. 07, 2017	Dec. 06, 2018		
Preamplifier	EMC	EMC02325	980187	Sep. 04, 2017	Sep. 03, 2018		
Preamplifier	Agilent	83017A	MY53270014	Aug. 21, 2017	Aug. 20, 2018		
Preamplifier	EMC	EMC184045B	980192	Aug. 22, 2017	Aug. 21, 2018		
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Nov. 27, 2017	Nov. 26, 2018		
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY32487/4	Nov. 27, 2017	Nov. 26, 2018		
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Nov. 27, 2017	Nov. 26, 2018		
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800 -001	Nov. 27, 2017	Nov. 26, 2018		
LF cable-3M	EMC	EMC8D-NM-NM-300 0	131103	Nov. 27, 2017	Nov. 26, 2018		
LF cable-13M	EMC	EMC8D-NM-NM-130 00	131104	Nov. 27, 2017	Nov. 26, 2018		
Measurement Software	AUDIX	e3	6.120210g	NA	NA		



Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Apr. 16, 2018	Apr. 15, 2019
Power Meter	Anritsu	ML2495A	1241002	Oct. 16, 2017	Oct. 15, 2018
Power Sensor	Anritsu	MA2411B	1207366	Oct. 16, 2017	Oct. 15, 2018
DC POWER SOURCE	GW INSTEK	GPC-6030D	EM892433	Oct. 26, 2017	Oct. 25, 2018
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA

1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.247 ANSI C63.10-2013 FCC KDB 558074 D01 DTS Meas Guidance v04

1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Uncertainty				
Parameters	Uncertainty			
Bandwidth	±34.134 Hz			
Conducted power	±0.808 dB			
Power density	±0.463 dB			
Conducted emission	±2.670 dB			
AC conducted emission	±2.90 dB			
Radiated emission ≤ 1GHz	±3.66 dB			
Radiated emission > 1GHz	±5.37 dB			



2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	24°C / 57%	Alex Tsai
Radiated Emissions	03CH03-WS	24°C / 63%	Roger Lu
RF Conducted	TH01-WS	23°C / 63%	Felix Sung

➢ FCC Designation No.: TW2732

➢ FCC site registration No.: 207696

➢ IC site registration No.: 10807C-1

2.2 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	BT LE	2402	1Mbps	
Radiated Emissions ≤ 1GHz	BT LE	2402	1Mbps	
Radiated Emissions > 1GHz	BT LE	2402, 2440, 2480	1Mbps	
Maximum Output Power				
6dB bandwidth	BT LE	2402, 2440, 2480	1Mbps	
Power spectral density				

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Y-plane** results were found as the worst case and were shown in this report.



3 Transmitter Test Results

3.1 Conducted Emissions

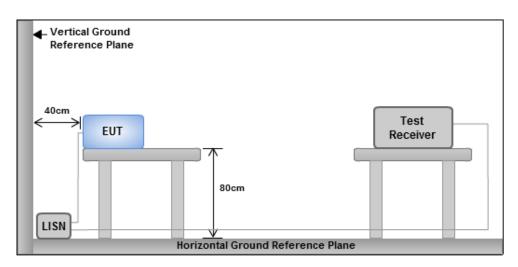
3.1.1 Limit of Conducted Emissions

Conducted Emissions Limit					
Frequency Emission (MHz)	Quasi-Peak	Average			
0.15-0.5	66 - 56 *	56 - 46 *			
0.5-5	56	46			
5-30	60	50			
Note 1: * Decreases with the logarith	nm of the frequency.				

3.1.2 Test Procedures

- 1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
- The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
- 3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
- 4. This measurement was performed with AC 120V/60Hz

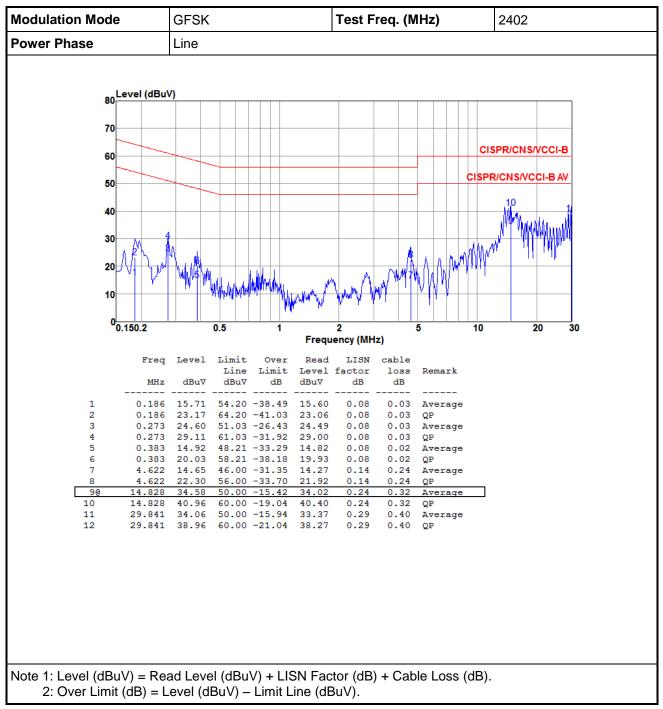
3.1.3 Test Setup



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

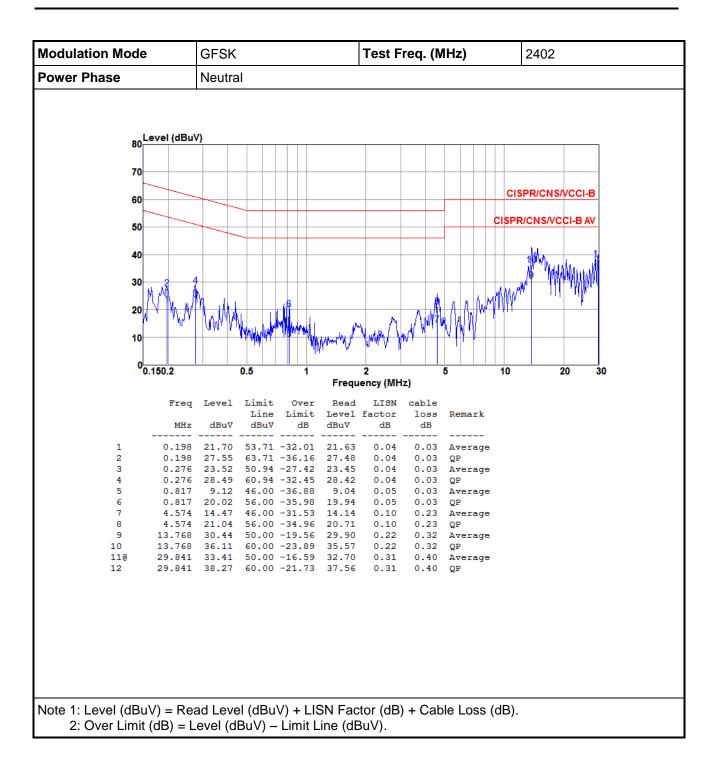
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes





3.1.4 Test Result of Conducted Emissions







3.2 6dB and Occupied Bandwidth

3.2.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.2.2 Test Procedures

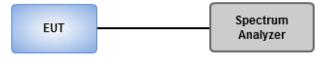
6dB Bandwidth

- 1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
- 2. Detector = Peak, Trace mode = max hold.
- 3. Sweep = auto couple, Allow the trace to stabilize.
- 4. 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 6dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

- 1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
- 2. Detector = Sample, Trace mode = max hold.
- 3 Sweep = auto couple, Allow the trace to stabilize.
- 4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.2.3 Test Setup





Mode	Freq. (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit of 6dB Bandwidth (kHz)
BT LE	2402	0.704	1.05	500
BT LE	2440	0.696	1.05	500
BT LE	2480	0.700	1.05	500

3.2.4 Test Result of 6dB and Occupied Bandwidth

	Worst Plots
6dB Bandwidth	99% Occupied Bandwidth
Spectrum Ref Level 30.00 dBm Offset 11.00 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Sweep	Image: Spectrum Spectrum Ref Level 30.00 dBm Offset 11.00 dB RBW 20 HHz Att 30 dB SWT 3 ms VBW 100 HHz
PPk View	IPk View
	13.220 dBm M1[1] 14.24 (2000) 1091060 MHz 20 dBm 0 cc Bw 1.04800000 (2000) -0.00 dBm 0 dBm 0 dBm 1.04800000 (2000) -0.00 dBm -0.00 dBm -0.00 dBm 0 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm -0.00 dBm
40 d8m	-40 dBm
-50 dBm	
	CF 2.402 GHz 3000 pts Span 3.0 M Marker
-60 dBm	Type Ref Trc X-value Y-value Function Function Result
F1	M1 1 2.4019885 GHz 14.24 dBm T1 1 2.4014755 GHz -2.51 dBm Occ Bw 1.048 M
CF 2.44 GHz 691 pts 5	Dan 3.0 MHz T2 1 2.402525 GHz -0.72 dBm 000 BW 1.046 M



3.3 **RF Output Power**

3.3.1 Limit of RF Output Power

Conducted power shall not exceed 1Watt.

Antenna gain <= 6dBi, no any corresponding reduction is in output power limit.

3.3.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.3.3 Test Setup



3.3.4 Test Result of Maximum Output Power

			Peak Power		Antenna		EIRP
Mode	Freq. (MHz)	Power (mW)	Power (dBm)	Limit (dBm)	gain (dBi)	EIRP (dBm)	Limit (dBm)
BT LE	2402	92.470	19.66	30	2.19	21.85	36
BT LE	2440	90.157	19.55	30	2.19	21.74	36
BT LE	2480	88.716	19.48	30	2.19	21.67	36

Mode	Freq. (MHz)	AV Power (mW)	AV Power (dBm)	Limit (dBm)
BT LE	2402	79.799	19.02	
BT LE	2440	76.033	18.81	
BT LE	2480	73.621	18.67	

Note: Average power is for reference only



3.4 Power Spectral Density

3.4.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.4.2 Test Procedures

Peak PSD

- 1. Set the RBW = 3 kHz, VBW = 10 kHz.
- 2. Detector = Peak, Sweep time = auto couple.
- 3. Trace mode = max hold, allow trace to fully stabilize.
- 4. Use the peak marker function to determine the maximum amplitude level.

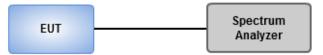
Average PSD, duty cycle ≥ 98%

- 1. Set the RBW = 30 kHz, VBW = 100 kHz.
- 2. Detector = RMS, Sweep time = auto couple.
- 3. Sweep time = auto couple.
- 4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
- 5. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle < 98%

- 1 Set the RBW = 30 kHz, VBW = 100 kHz. Detector = RMS.
- 2 Set the sweep time to: ≥ 10 (number of measurement points in sweep) x (total on/off period of the transmitted signal).
- 3 Perform the measurement over a single sweep.
- 4 Use the peak marker function to determine the maximum amplitude level.
- 5 Add 10 log (1/x), where x is the duty cycle.

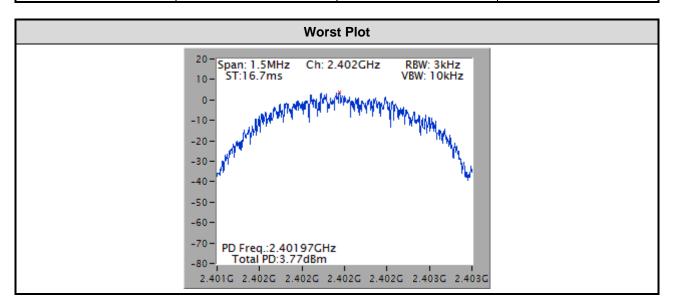
3.4.3 Test Setup





3.4.4 Test Result of Power Spectral Densi	ty
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Mode	Freq. (MHz)	Total Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
BT LE	2402	3.77	8
BT LE	2440	3.67	8
BT LE	2480	3.58	8





3.5 Emissions in Restricted Frequency Bands

3.5.1 Limit of Emissions in Restricted Frequency Bands

	Restricted Band	Emissions Limit	
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:

Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit **Note 2:**

Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.5.2 Test Procedures

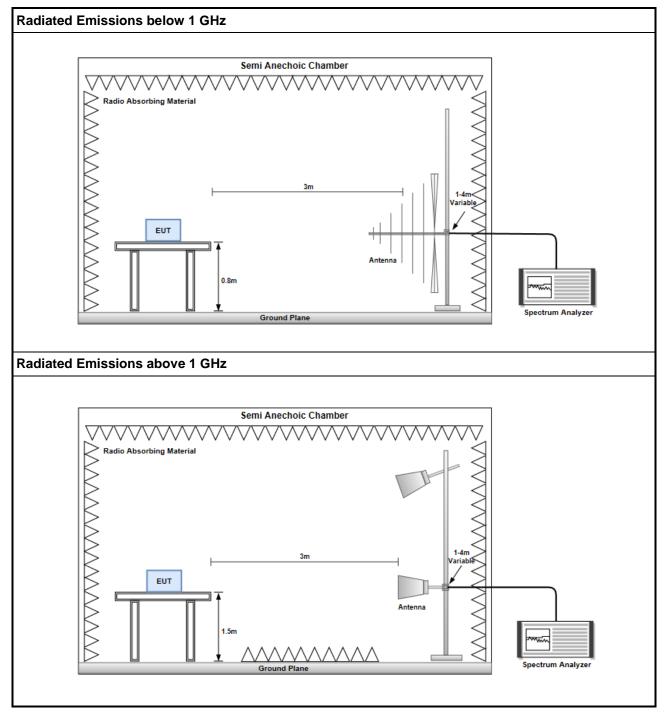
- Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
- Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
- 3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

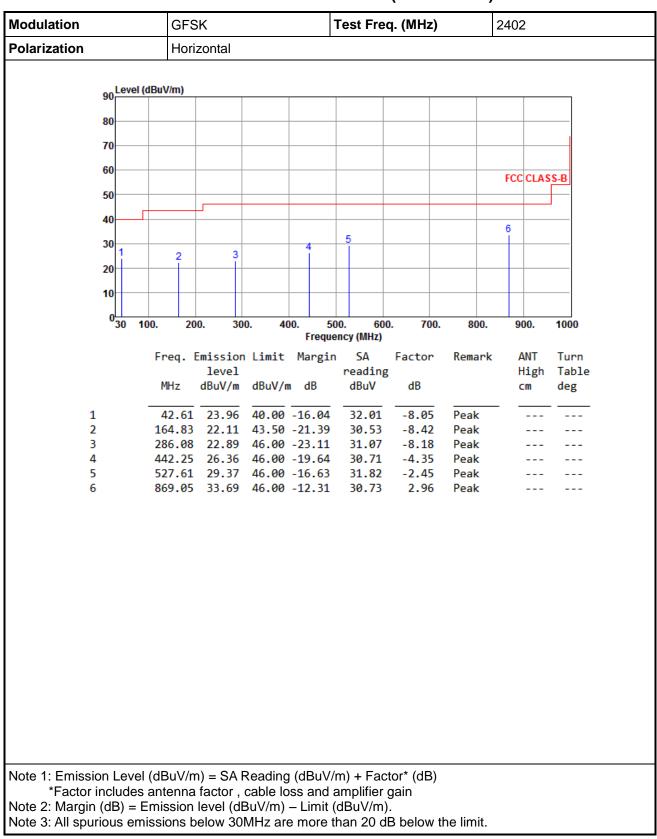
- 1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
- 2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
- 3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.



3.5.3 Test Setup





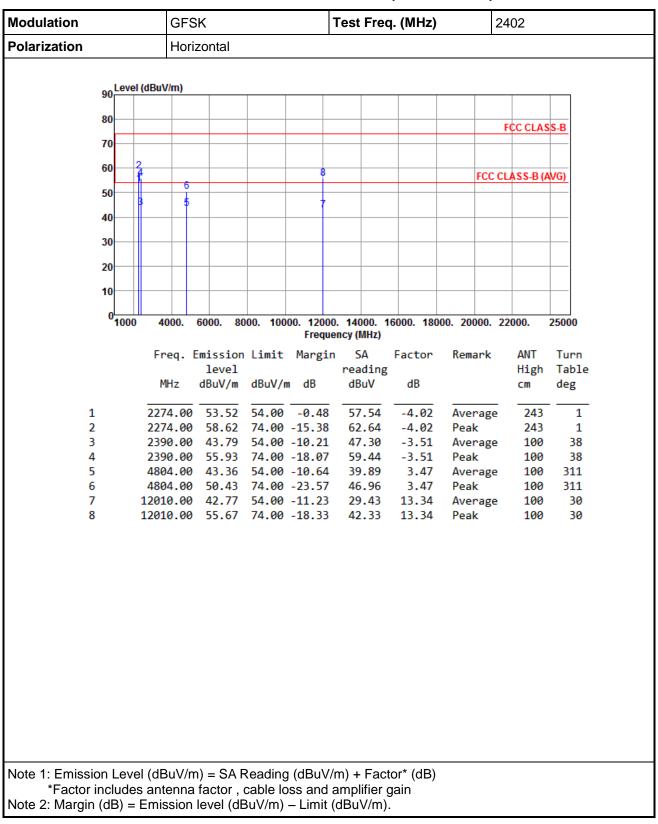


3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)



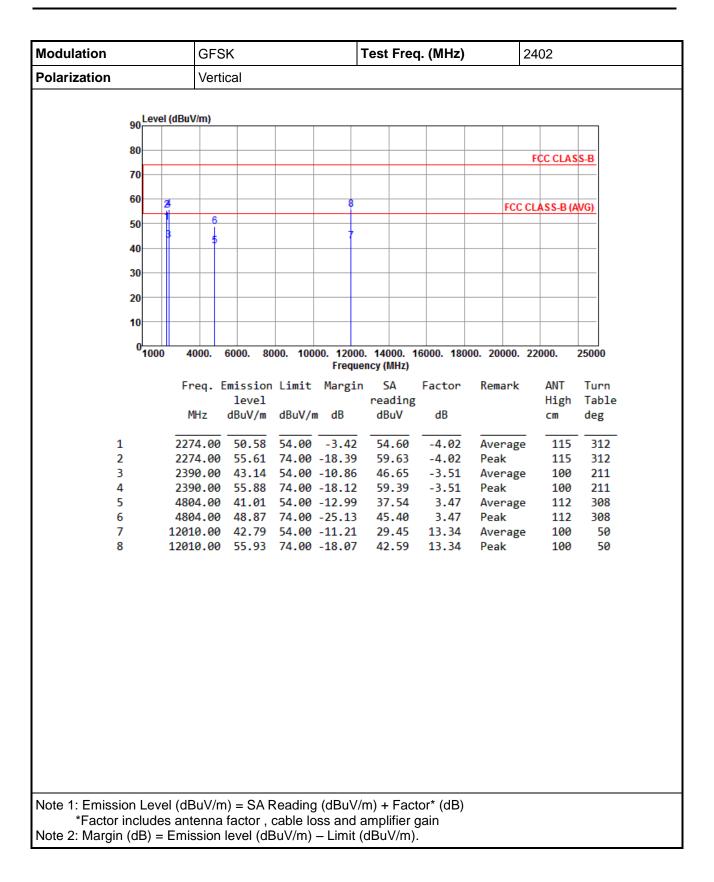
Modulation	GFS	SΚ		٦	Fest Fre	q. (MHz)		2402	
Polarization	Vert	ical							
90 Level	(dBuV/m)								
80									
70									
70									
60								FCC CLA	SS-B
50									
									-
40							6	6	
30	2		-	4	5				
20	- Î		3						
10									
0 30 1	00. 20	0. 30	0. 40	00. 50	0. 60	0. 700.	800.	900.	1000
					ncy (MHz)				
	Freq.		Limit	Margin		Factor	Remark		Turn
	MHz	level dBuV/m	dBuV/r	n dB	reading dBuV	g dB		High cm	Table deg
	PILIZ	ubuv/m	ubuv/i	ii ub	ubuv	ub		CIII	ueg
1	52.31	29.68	40.00	-10.32	37.68	-8.00	Peak		
2		23.83			32.18	-8.35	Peak		
3 4		22.62 26.57			29.81 30.64	-7.19 -4.07	Peak Peak		
5				-17.42	29.74		Peak		
6		32.72			30.08	2.64	Peak		
Note 1: Emission Leve			Dooding		n) + Ecc	tor* (dP)			
*Factor includes									
Note 2: Margin (dB) =									
Note 3: All spurious en							ha limit		



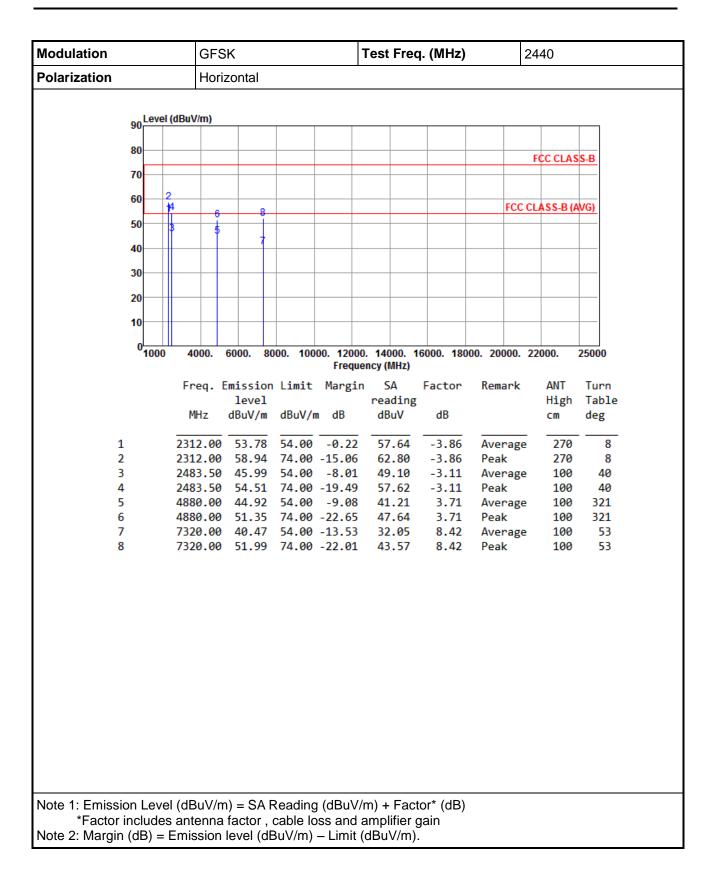


3.5.5 Transmitter Radiated Unwanted Emissions (Above 1GHz) for GFSK

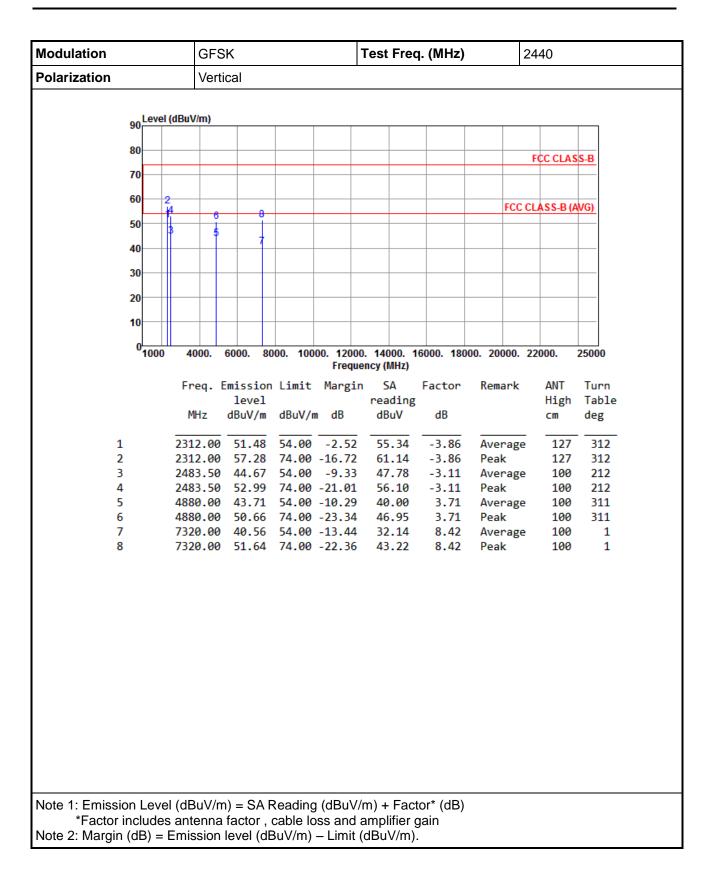




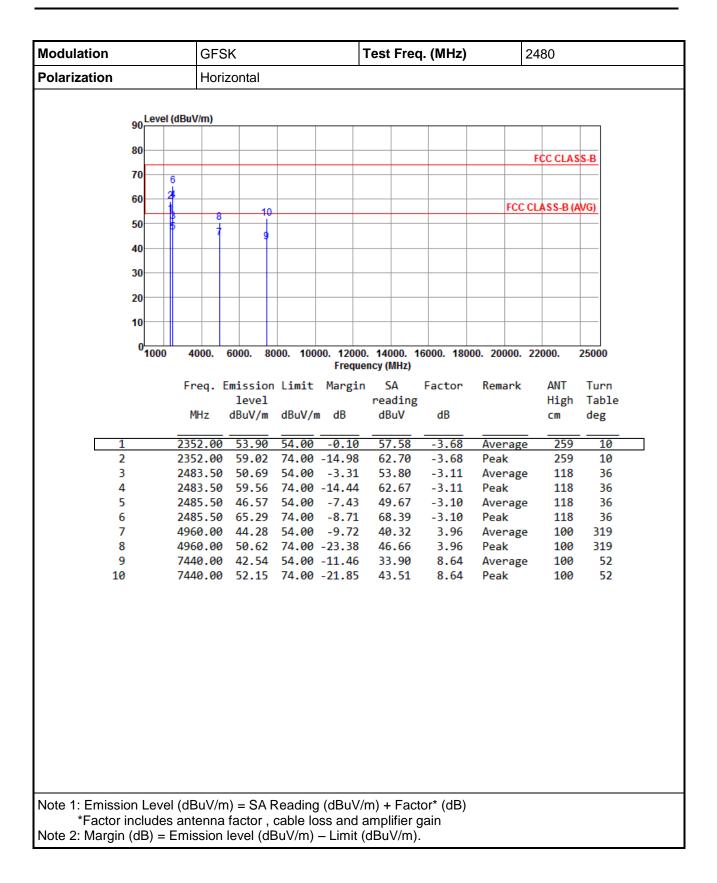




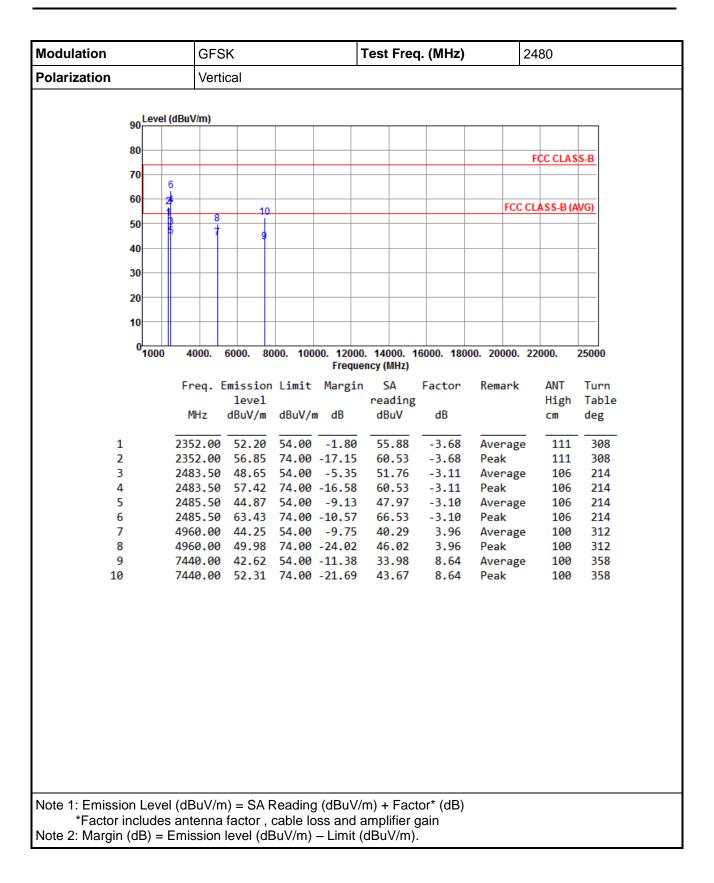














3.6 Emissions in non-restricted Frequency Bands

3.6.1 Emissions in non-restricted frequency bands limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.6.2 Test Procedures

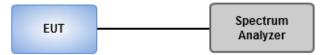
Reference level measurement

- 1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
- 2. Trace = max hold , Allow Trace to fully stabilize
- 3. Use the peak marker function to determine the maximum PSD level

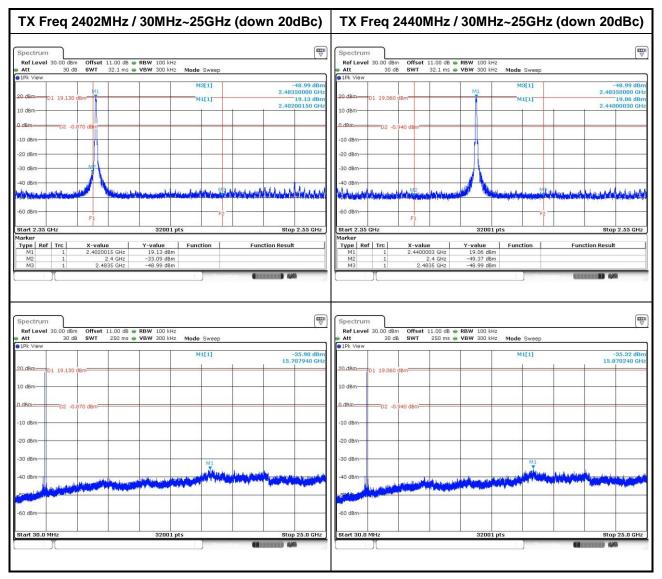
Emission level measurement

- 1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
- 2. Trace = max hold , Allow Trace to fully stabilize
- 3. Scan Frequency range is up to 25GHz
- 4. Use the peak marker function to determine the maximum amplitude level

3.6.3 Test Setup







3.6.4 Test Result of Emissions in non-restricted Frequency Bands



ctrum Level 30.00 dBm Offset 11.00 dB (BBW 100 kHz			
	VBW 300 kHz Mode Sweep			
	M3[1]	-35.22 dBm 2.48350000 GHz		
dBm D1 19.040 dBm	M1[1]	19.04 dBm		
m		2.47999910 GHz		
002 -0.960 dBm				
Bm-				
Bm				
IBm				
10				
Cold Martin and Martin Martin and Martin	Water and the first own for the second	And a same with the second as the		
The second secon				
dBm F1	F2			
art 2.35 GHz rker	32001 pts	Stop 2.55 GHz		
pe Ref Trc X-value		Function Result		
M1 1 2.4799991 GHz	19.04 dBm -48.14 dBm			
M2 1 2.4 GHz				
	-35.22 dBm	(INTERNET) 440		
M3 1 2.4835 GHz	Meanur (199		 	
M3 1 2.4835 GHz	Meanur (199			
M3 1 2.4835 GHz	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB tt t 30 dB SWT 250 ms e k View	RBW 100 kHz	(m)		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB t t 30 dB SWT 250 ms e k View Bm 01 19.040 dBm	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum filevel 30.00 dBm Offset 11.00 dB t t 30 dB SWT 250 ms e k View IBm D1 19.040 dBm	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB 4 tt 30 dB SWT 250 ms 4 k View dBm D1 19.040 dBm	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
43 1 2.4835 GHz sectrum 1 Level 30.00 dBm Offset 11.00 dB t t 30.08 SWT 250 ms (K View 8m 01 19.040 dBm Bm 02 -0.960 dBm	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB t t 30.08 SWT 250 ms (k View iBm 01 19.040 dBm iBm 02 -0.960 dBm	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz	RBW 100 kHz VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB tt view 30 dB SWT 250 ms 4 tk View 18m D1 19.040 dBm	RBW 100 kHz Made Sweep VBW 300 kHz Mode Sweep	 -35.42 dbm		
M3 1 2.4835 GHz ectrum of Level 30.00 dBm Offset 11.00 dB t 30 dB SWT 250 ms e k View IBm 01 19.040 dBm dBm Bm 02 -0.950 dBm dBm dBm	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M3[1]	-35.42 dBm 15.713400 GHz		
M3 1 2.4835 GHz	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M1[1]	 -35.42 dbm		
M3 1 2.4835 GHz ectrum fLevel 30.00 dBm Offset 11.00 dB fLevel 30.00 dBm VI 250 ms e tt 30 dB SWT 250 ms e dBm D1 19.040 dBm dBm dBm dBm dBm	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M1[1]	-35.42 dBm 15.713400 GHz		
M3 1 2.4835 GHz vectrum	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M1[1]	-35.42 dBm 15.713400 GHz		
M3 1 2.4835 GHz sctrum fLevel 30.00 dBm Offset 11.00 dB fLevel 30.00 dBm SWT 250 ms 4 View 30 dB SWT 250 ms 4 Bm	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M1[1]	-35.42 dBm 15.713400 GHz		
M3 1 2.4835 GHz ectrum	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep M1[1]	-35.42 dBm 15.713400 GHz		



4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <u>http://www.icertifi.com.tw</u>.

Linkou Tel: 886-2-2601-1640 No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C. Kwei Shan Tel: 886-3-271-8666 No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C. Kwei Shan Site II Tel: 886-3-271-8640 No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information.

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