

FCC 47 CFR PART 15 SUBPART C INDUSTRY CANADA RSS-210 ISSUE 8

CERTIFICATION TEST REPORT for GSM/WCDMA/LTE + BLUETOOTH, DTS/UNII a/b/g/n/ac, ANT+ and NFC

FCC ID: PY7-PM0793

REPORT NUMBER: 15J20116-E2 ISSUE DATE: APRIL 1, 2015

Prepared for SONY MOBILE COMMUNICATIONS, INC. NYA VATTENTORNET MOBILVAGEN 10 LUND 22188 SWEDEN

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Revision History

	Issue		
Rev.	Date	Revisions	Revised By
	04/01/15	Initial Issue	CHOON OOI

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SONY MOBILE COMMUNICATIONS, INC.

EUT DESCRIPTION: GSM/WCDMA/LTE + BLUETOOTH, DTS/UNII a/b/g/n/ac, ANT+ and NFC

SERIAL NUMBER: 159243-6 (Conducted), 153033-5 (Radiated)

DATE TESTED: MARCH 9-27, 2015

APPLICABLE STANDARDS

STANDARD

TEST RESULTS

CFR 47 Part 15 Subpart C

Pass

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2009, FCC CFR 47 Part 2, FCC CFR 47 Part 15, RSS-GEN Issue 3, and RSS-210 Issue 8.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street
Chamber A(IC: 2324B-1)	Chamber D(IC: 2324B-4)
Chamber B(IC: 2324B-2)	Chamber E(IC: 2324B-5)
Chamber C(IC: 2324B-3)	Chamber F(IC: 2324B-6)
	Chamber G(IC: 2324B-7)
	Chamber H(IC: 2324B-8)

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://ts.nist.gov/standards/scopes/2000650.htm.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) - Preamp Gain (dB)

36.5 dBuV + 18.7 dB/m + 0.6 dB - 26.9 dB = 28.9 dBuV/m

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 18000 MHz	4.94 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

This EUT is a GSM/WCDMA/LTE + BLUETOOTH, DTS/UNII a/b/g/n/ac, ANT+ and NFC.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted output power as follows:

Frequency Range	Mode	Output Power	Output Power
(MHz)		(dBm)	(mW)
2402 - 2480	Basic GFSK	9.92	9.82
2402 - 2480	Enhanced 8PSK	8.68	7.38

Note: GFSK, Pi/4-DQPSK, 8PSK average Power are all investigated, The GFSK & 8PSK Power are the worst case. Testing is based on this mode to showing compliance. For average power data please refer to section 8.6.

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an FPCB antenna, with a maximum gain of -4.9dBi.

WORST-CASE CONFIGURATION AND MODE 5.4.

Radiated emission and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

The fundamental of the EUT was investigated in three orthogonal orientations X,Y,Z, it was determined that X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List						
Description Manufacturer Model Serial Number FCC ID						
AC Adapter	SONY	EP880	3514W 01 S08328	N/A		
Earphone	SONY	MH410C	N/A	N/A		

I/O CABLES

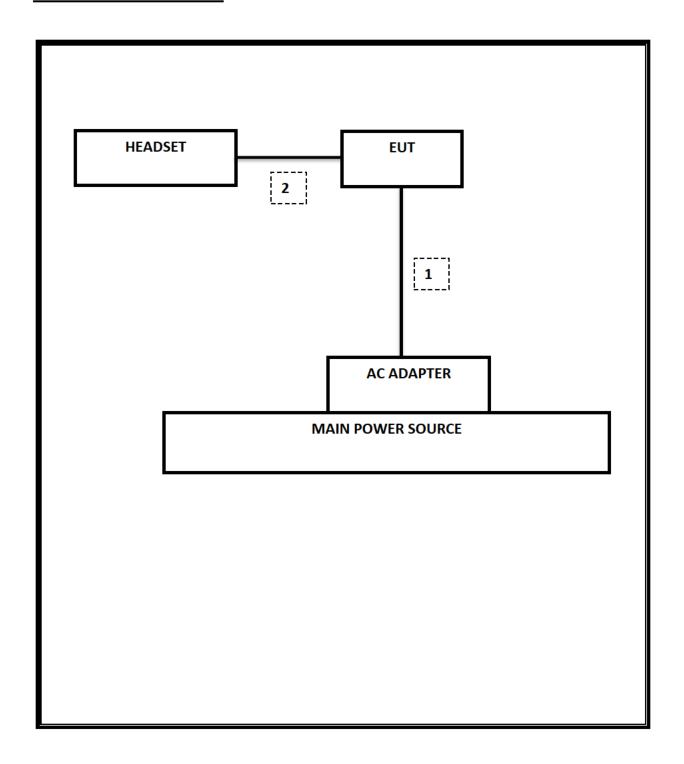
	I/O Cable List						
Cable	Port	# of identical	Connector	Cable Type	Cable	Remarks	
No		ports	Туре		Length (m)		
1	DC Power	1	Mini-USB	Shielded	1.2m	N/A	
2	Audio	1	Mini-Jack	Unshielded	1m	N/A	

TEST SETUP

The EUT is continuously communicating to the Bluetooth tester during the tests.

EUT was set in the Hidden menu mode to enable BT communications.

SETUP DIAGRAM FOR TESTS



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List						
Description	Manufacturer	Model	Asset	Cal Due		
Spectrum Analyzer, 44 GHz	Agilent / HP	E4446A	C01069	12/20/15		
Spectrum Analyzer,9KHz-40GHz	HP	8564E	C00986	04/01/15		
EMI Test Receiver, 9 kHz-7 GHz	R&S	ESCI 7	100773	08/15/15		
Peak Power Meter	Agilent / HP	E4416A	C00963	12/13/15		
Peak / Average Power Sensor	Agilent / HP	E9327A	C00964	12/13/15		
Antenna, Horn, 18GHz	EMCO	3115	C00783	10/25/15		
Antenna, Horn,18- 26 GHz	ARA	MWH-1826/B	C00946	11/12/15		
Antenna, Horn, 26-40 GHz	ARA	MWH-2640	C00891	06/28/15		
Antenna, Bilog, 30MHz-1 GHz	Sunol Sciences	JB1	T243	12/08/15		
RF Preamplifier, 100KHz -> 1300MHz	HP	TBD	C00825	06/01/15		
RF Preamplifier, 1GHz - 18GHz	Miteq	NSP4000-SP2	924343	09/05/15		
RF Preamplifier, 1GHz - 26.5GHz	HP	8449B	F00351	06/27/15		
AC Power Supply, 2,500VA 45-500Hz	Elgar-Ametek	CW2501M	F00013	CNR		
RF Preamplifier, 1GHz - 18GHz	Miteq	AFS42-00101800-25-S-42	1818466	05/09/15		
Attenuator / Switch driver	HP	11713A	F00204	CNR		
Low Pass Filter 3GHz	Micro-Tronics	LPS17541	F00219	05/23/15		
High Pass Filter 5GHz	Micro-Tronics	HPS17542	F00222	05/22/15		
High Pass Filter 6GHz	Micro-Tronics	HPM17543	F00224	05/22/15		

Test Software List						
Description Manufacturer Model Version						
Radiated Software	UL	UL EMC	Version 9.5, 07/22/14			
Conducted Software	UL	UL EMC	Version 9.5, 05/17/14			
CLT Software	UL	UL RF	Version 1.0, 02/02/15			
Antenna Port Software	UL	UL RF	Version 2.1.1.1, 1/20/15			

7. SUMMARY TABLE

FCC Part Section	RSS Section(s)	Test Description	Test Limit	Test Condition	Test Result	Worst Case
2.1049	RSS-GEN 4.6	Occupied Band width (99%)	N/A		Pass	1.21 MHz
2.1051, 15.247 (d)	RSS-210 A8.5	Band Edge / Conducted Spurious Emission	-20dBc		Pass	-53.7 dBm
15.247 (b)(1)	RSS-210 A8.4	TX conducted output power	<21dBm		Pass	9.9 dBm
15.247 (a)(1)	RSS-210 A8.1(b)	Hopping frequency separation	> 25KHz	Conducted	Pass	1 MHz
15.247 (a)(1)(iii)	RSS-210 A8.1(d)	Number of Hopping channels	More than 15 non- overlapping channels		Pass	79 channels
15.247 (a)(1)(iii)	RSS-210 A8.1(d)	Avg Time of Occupancy	< 0.4sec		Pass	0 32 s
15.207 (a)	RSS-GEN 7.2.2	AC Power Line conducted emissions	Section 10		Pass	37.14 dBuV (PK)
15.205, 15.209	RSS-210 Clause 2.6, RSS-210 Clause 6	Radiated Spurious Emission	< 54dBuV/m	Radiated	Pass	32.08 dBuV/m

8. ANTENNA PORT TEST RESULTS

8.1. 20 dB AND 99% BANDWIDTH

LIMIT

None; for reporting purposes only.

TEST PROCEDURE

DA 00-705: The transmitter output is connected to a spectrum analyzer. The RBW is set to \geq 1% of the 20 dB bandwidth. The VBW is set to \geq RBW. The sweep time is coupled.

RESULTS

8.1.1. BASIC DATA RATE GFSK MODULATION

Channel	Frequency	20 dB Bandwidth	99% Bandwidth
	(MHz)	(MHz)	(MHz)
Low	2402	0.9159	0.6836
Middle	2441	0.9141	0.6885
High	2480	0.9141	0.6446
Worst		0.9159	0.6885

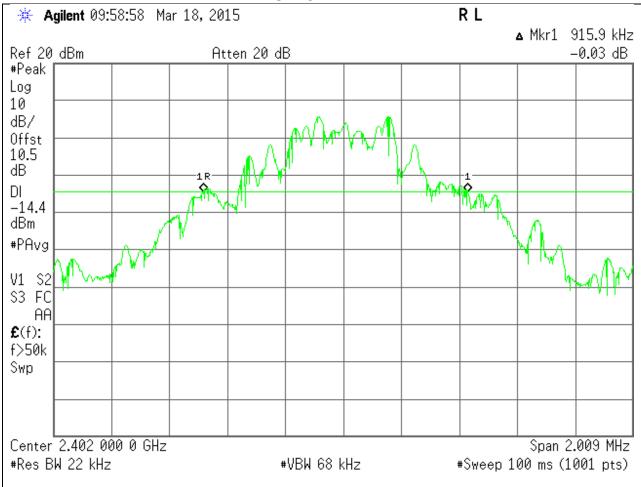
8.1.2. ENHANCED DATA RATE 8PSK MODULATION

Channel	Frequency	20 dB Bandwidth	99% Bandwidth	
	(MHz)	(MHz)	(MHz)	
Low	2402	1.270	1.201	
Middle	2441	1.273	1.210	
High	2480	1.271	1.200	
Worst		1.273	1.210	

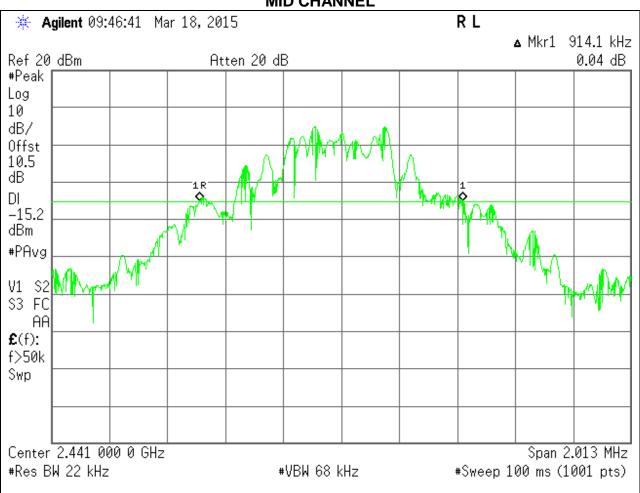
8.1.3. 20 dB AND 99% BANDWIDTH PLOTS

GFSK 20 dB BANDWIDTH

LOW CHANNEL

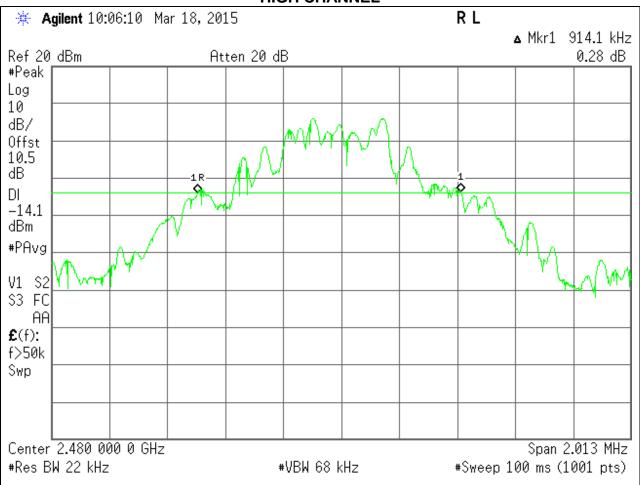


MID CHANNEL



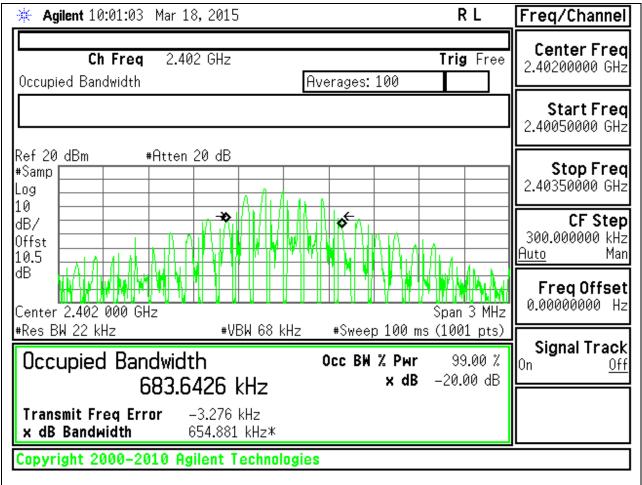
DATE: APRIL 01, 2015

HIGH CHANNEL

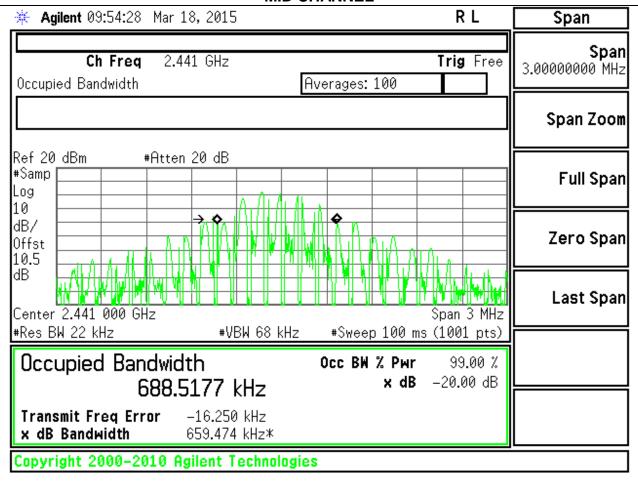


GFSK 99% BANDWIDTH

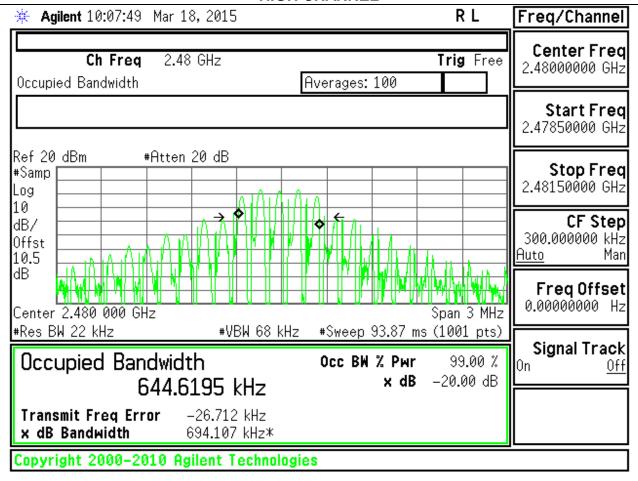
LOW CHANNEL



MID CHANNEL

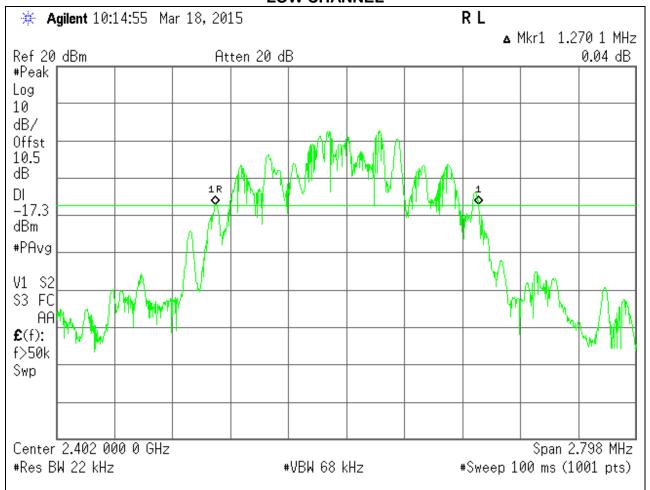


HIGH CHANNEL

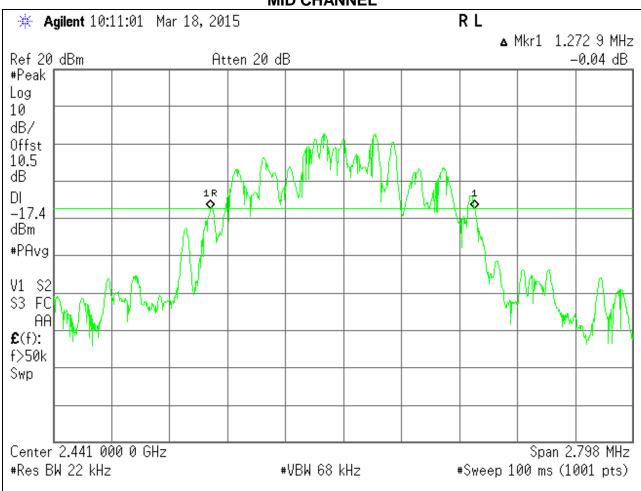


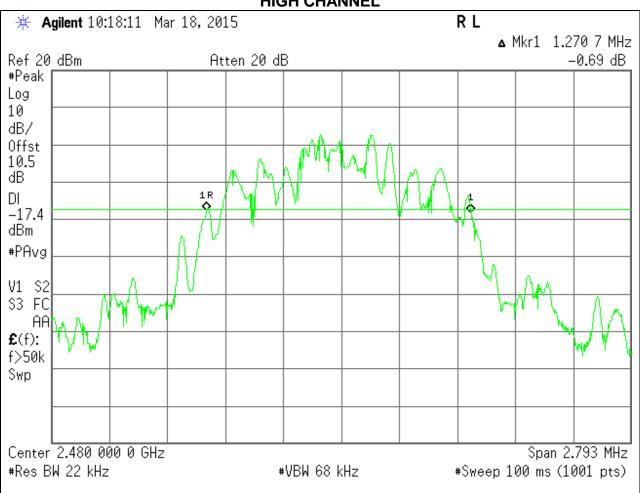
8PSK 20 dB BANDWIDTH

LOW CHANNEL



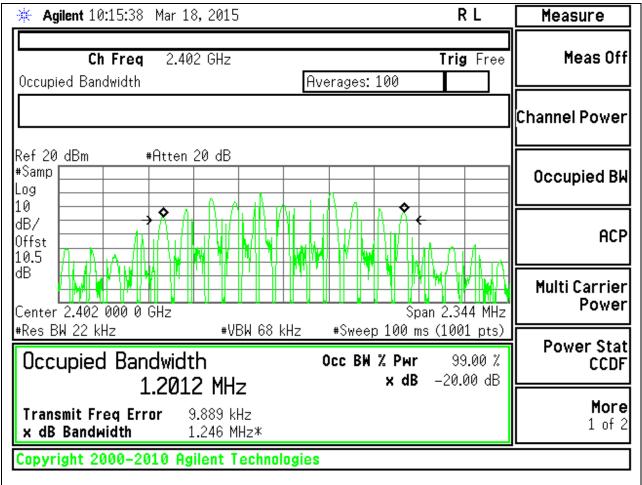
MID CHANNEL



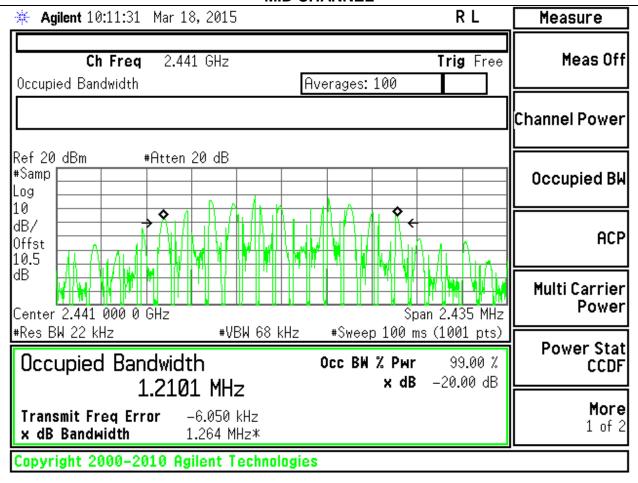


8PSK 99% BANDWIDTH

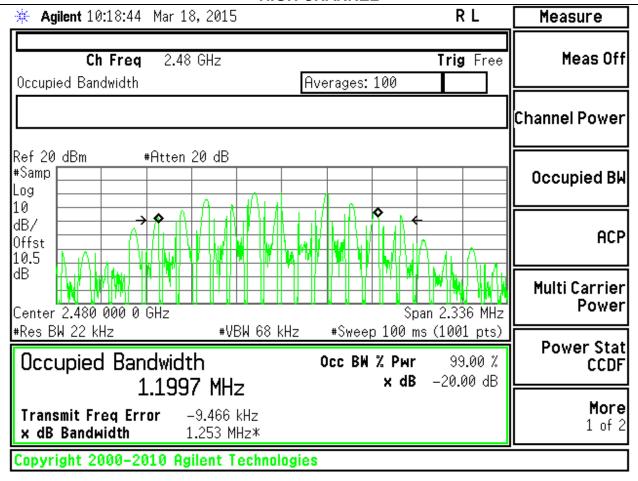
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



REPORT NO:15J20116-E2 FCC ID: PY7-PM0793

8.2. HOPPING FREQUENCY SEPARATION

LIMIT

FCC §15.247 (a) (1)

IC RSS-210 A8.1 (b)

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hoping channel, whichever is greater.

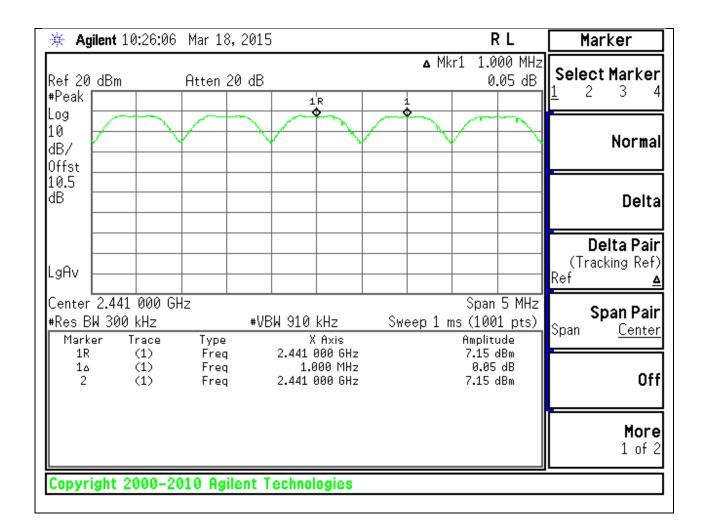
Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

TEST PROCEDURE

DA 00-705: The transmitter output is connected to a spectrum analyzer. The RBW is set to 300 kHz and the VBW is set to 300 kHz. The sweep time is coupled.

RESULTS

HOPPING FREQUENCY SEPARATION PLOT



8.3. NUMBER OF HOPPING CHANNELS

LIMIT

FCC §15.247 (a) (1) (iii)

IC RSS-210 A8.1 (d)

Frequency hopping systems in the 2400 – 2483.5 MHz band shall use at least 15 non-overlapping channels.

TEST PROCEDURE

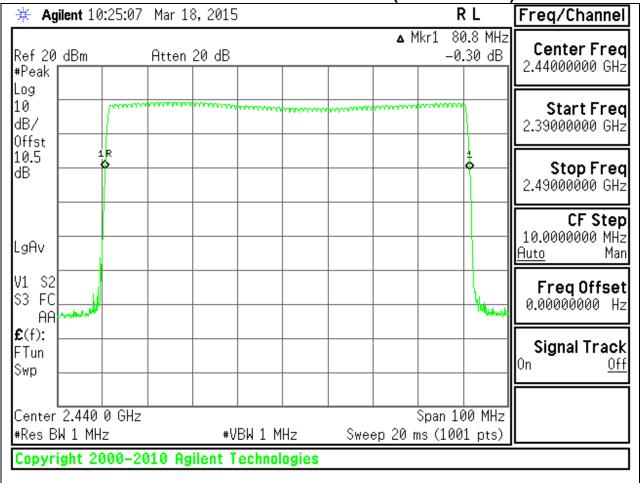
DA 00-705: The transmitter output is connected to a spectrum analyzer. The span is set to cover the entire authorized band, in either a single sweep or in multiple contiguous sweeps. The RBW is set to a maximum of 1 % of the span. The analyzer is set to Max Hold.

RESULTS

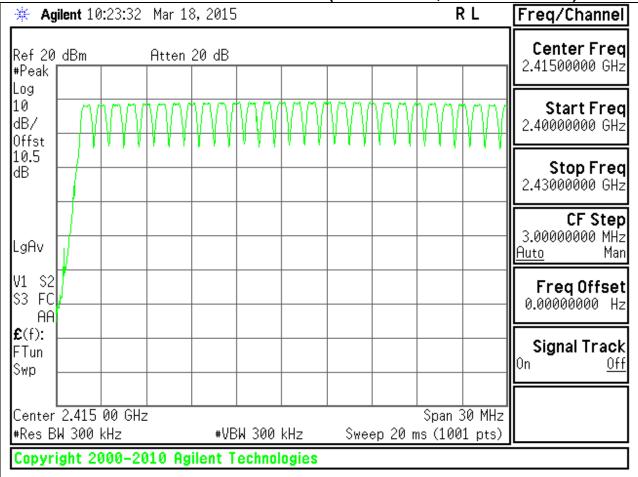
Normal Mode: 79 Channels observed.

NUMBER OF HOPPING CHANNELS PLOTS

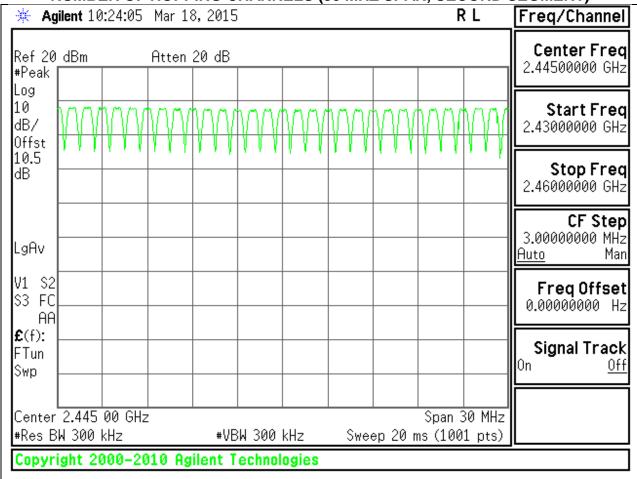
NUMBER OF HOPPING CHANNELS (100 MHZ SPAN)



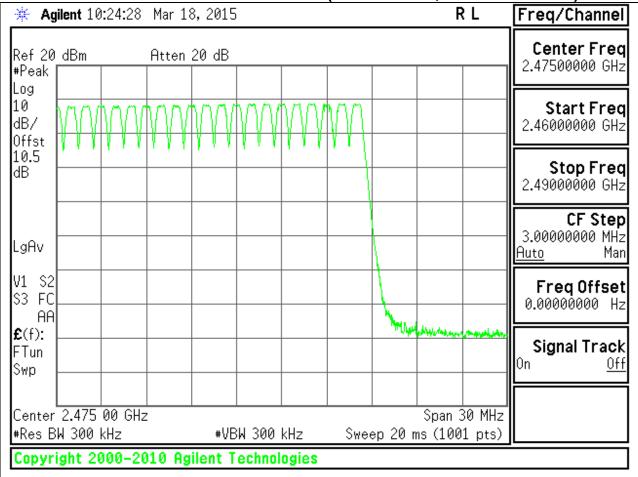
NUMBER OF HOPPING CHANNELS (30 MHZ SPAN, FIRST SEGMENT)



NUMBER OF HOPPING CHANNELS (30 MHZ SPAN, SECOND SEGMENT)



NUMBER OF HOPPING CHANNELS (30 MHZ SPAN, THIRD SEGMENT)



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8.4. **AVERAGE TIME OF OCCUPANCY**

LIMIT

FCC §15.247 (a) (1) (iii)

IC RSS-210 A8.1 (d)

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The span is set to 0 Hz, centered on a single, selected hopping channel. The width of a single pulse is measured in a fast scan. The number of pulses is measured in a 3.16 second scan, to enable resolution of each occurrence.

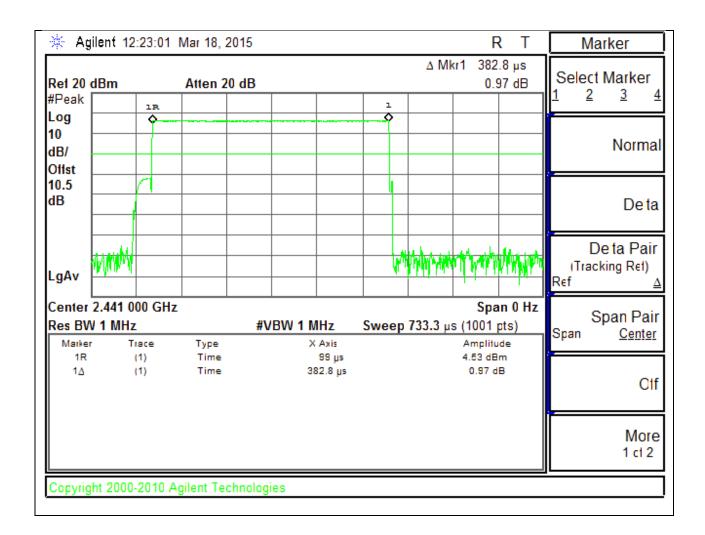
The average time of occupancy in the specified 31.6 second period (79 channels * 0.4 s) is equal to 10 * (# of pulses in 3.16 s) * pulse width.

For AFH mode, the average time of occupancy in the specified 8 second period (20 channels * 0.4 seconds) is equal to 10 * (# of pulses in 0.8 s) * pulse width.

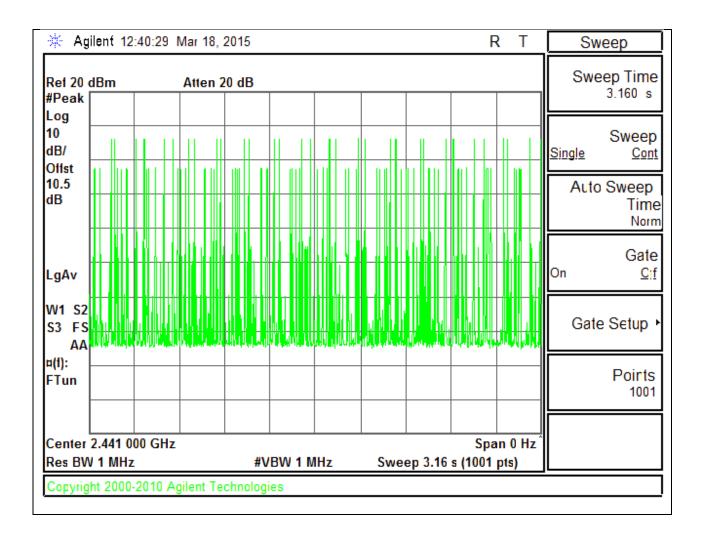
RESULTS

DH Packet	Pulse	Number of	Average Time	Limit	Margin		
	Width	Pulses in	of Occupancy				
	(msec)	3.16	(sec)	(sec)	(sec)		
		seconds					
GFSK Normal Mode							
DH1	0.383	32	0.1225	0.4	-0.2775		
DH3	1.638	14	0.2293	0.4	-0.17068		
DH5	2.920	11	0.3212	0.4	-0.0788		
DH Packet	Pulse	Number of	Average Time	Limit	Margin		
	Width	Pulses in	of Occupancy				
	(msec)	0.8 seconds	(sec)	(sec)	(sec)		
GFSK AFH Mode							
DH1	0.383	8.00	0.03062	0.4	-0.36938		
DH3	1.638	3.50	0.05733	0.4	-0.34267		
DH5	2.920	2.75	0.08030	0.4	-0.3197		

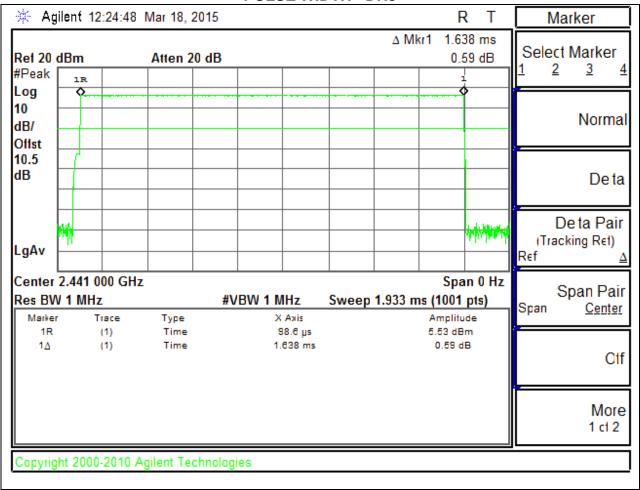
PULSE WIDTH - DH1



NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD - DH1

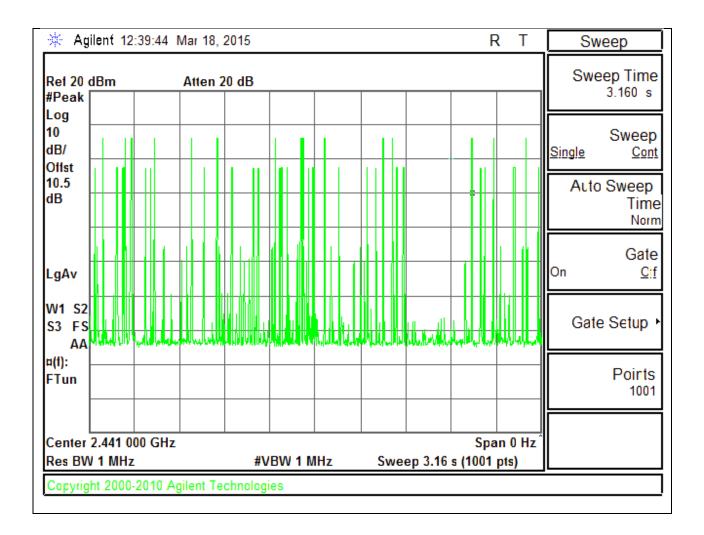


PULSE WIDTH - DH3



DATE: APRIL 01, 2015

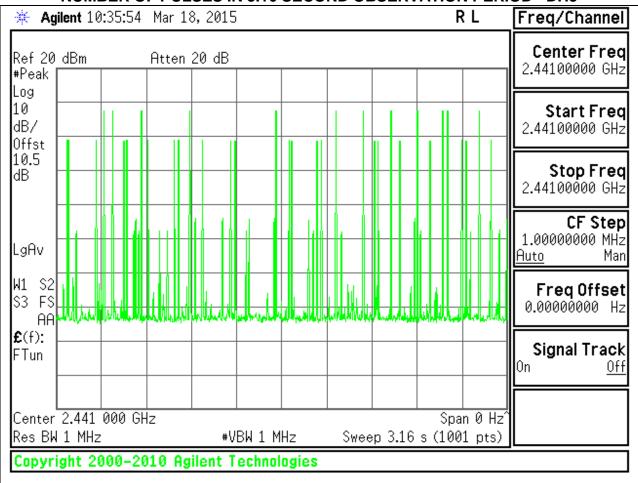
NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD - DH3



DATE: APRIL 01, 2015

PULSE WIDTH - DH5 Agilent 10:34:50 Mar 18, 2015 R L Freg/Channel 2.92 ms Δ Mkr1 Center Freq Atten 20 dB 17.91 dB Ref 20 dBm 2.44100000 GHz #Peak Log 10 Start Fred dB/ 2.44100000 GHz Offst 10.5 Stop Freal dΒ 1Ŕ 2.44100000 GHz CF Step hatel day also better 1.00000000 MHz LgAv Auto Man Center 2.441 000 GHz Span 0 Hz Freq Offset Res BW 1 MHz #VBW 1 MHz Sweep 4 ms (1001 pts) 0.00000000 Hz Marker X Axis Amplitude Trace Type 1R (1) Time 368 µs -42.61 dBm (1) Time 2.92 ms 17.91 dB 1۵ Signal Track l0n Off Copyright 2000-2010 Agilent Technologies

NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD - DH5



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8.5. OUTPUT POWER

LIMIT

§15.247 (b) (1)

RSS-210 Issue 7 Clause A8.4

The maximum antenna gain is less than 6 dBi, therefore the limit is 21 dBm.

TEST PROCEDURE

DA 00-705: The transmitter output is connected to a spectrum analyzer the analyzer bandwidth is set to a value greater than the 20 dB bandwidth of the EUT.

RESULTS

8.5.1. BASIC DATA RATE GFSK MODULATION

Channel	Frequency	Output Power	Limit	Margin	
	(MHz)	(dBm)	(dBm)	(dB)	
Low	2402	9.3	21	-11.7	
Middle	2441	8.8	21	-12.2	
High	2480	9.92	21	-11.08	
Worst		9.92		-11.08	

8.5.2. ENHANCED DATA RATE 8PSK MODULATION

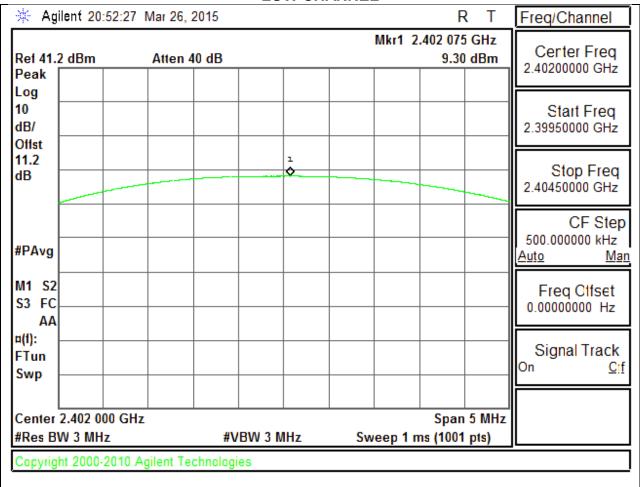
Channel	Frequency	Output Power	Limit	Margin
	(MHz)	(dBm)	(dBm)	(dB)
Low	2402	8.64	21	-12.36
Middle	2441	8.68	21	-12.32
High	2480	8.68	21	-12.32
Worst		8.68		-12.32

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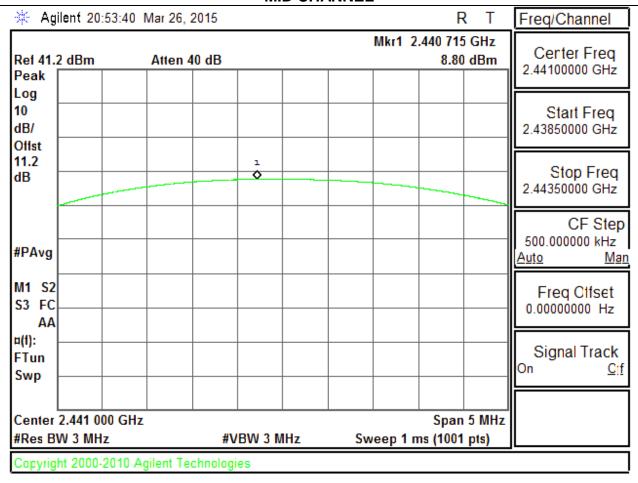
8.5.3. OUTPUT POWER PLOTS

GFSK OUTPUT POWER

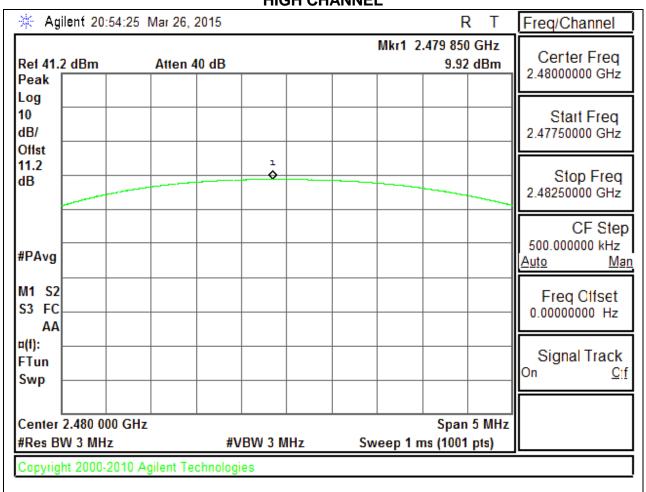
LOW CHANNEL



MID CHANNEL

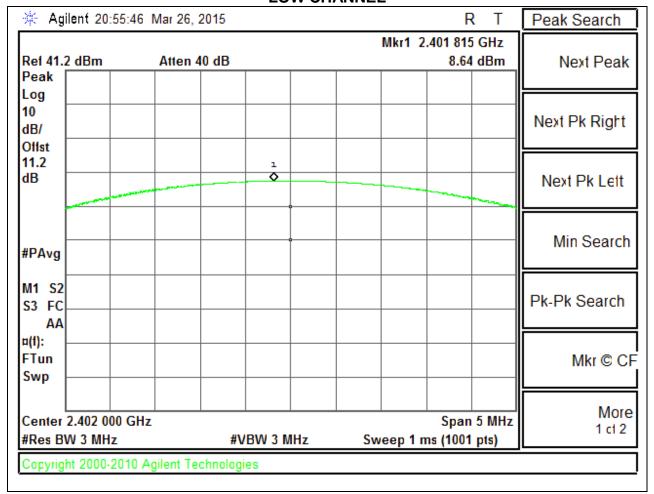


HIGH CHANNEL

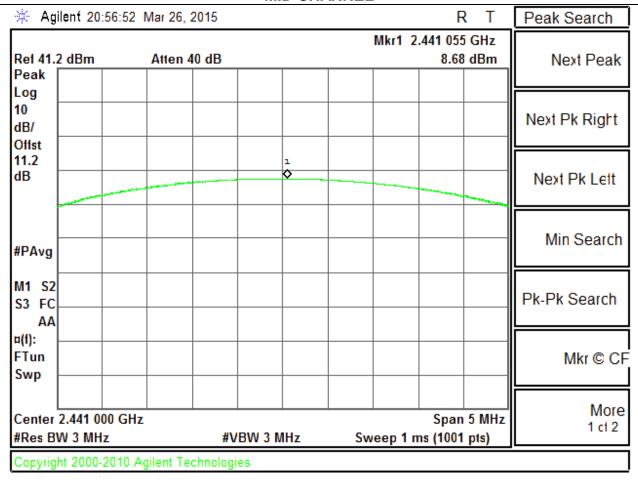


8PSK OUTPUT POWER

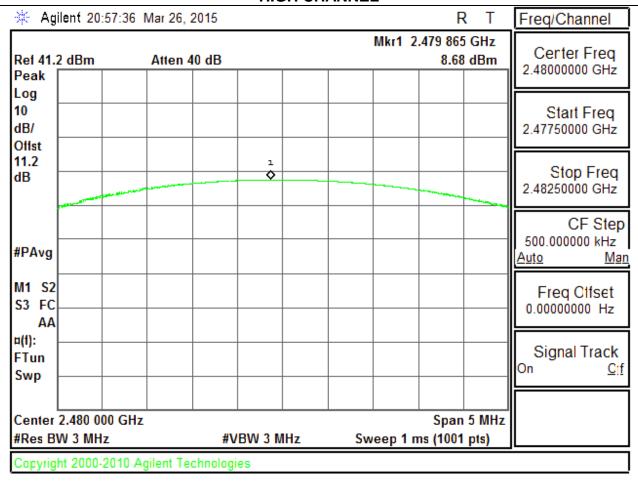
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



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8.6. AVERAGE POWER

LIMIT

None; for reporting purposes only.

TEST PROCEDURE

DA 00-705: The transmitter output is connected to a power meter.

RESULTS

The cable assembly insertion loss of 10.7 dB (including 10 dB pad and 0.7 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

8.6.1. BASIC DATA RATE GFSK MODULATION

Channel	Frequency	Average Power				
	(MHz)	(dBm)				
Low	2402	9.2				
Middle	2441	8.4				
High	2480	9.7				
Worst		9.7				

8.6.2. DATA RATE PI/4-DQPSK MODULATION

Channel	Frequency	Average Power
	(MHz)	(dBm)
Low	2402	6.1
Middle	2441	6.2
High	2480	6.3
Worst		6.3

8.6.3. ENHANCED DATA RATE 8PSK MODULATION

Channel	Frequency	Average Power				
	(MHz)	(dBm)				
Low	2402	6.1				
Middle	2441	6.1				
High	2480	6.3				
Worst		6.3				

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8.7. CONDUCTED SPURIOUS EMISSIONS

L	IN	V	ľ	Т	S

FCC §15.247 (d)

IC RSS-210 A8.5

Limit = -20 dBc

TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.

The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

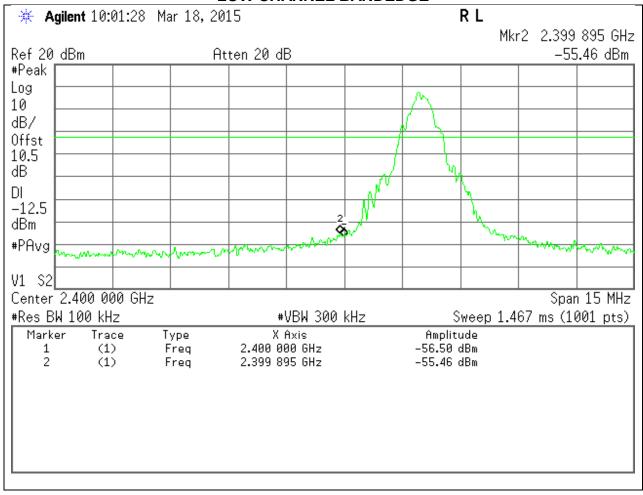
The bandedges at 2.4 and 2.4835 GHz are investigated with the transmitter set to the normal hopping mode.

RESULTS

8.7.1. BASIC DATA RATE GFSK MODULATION

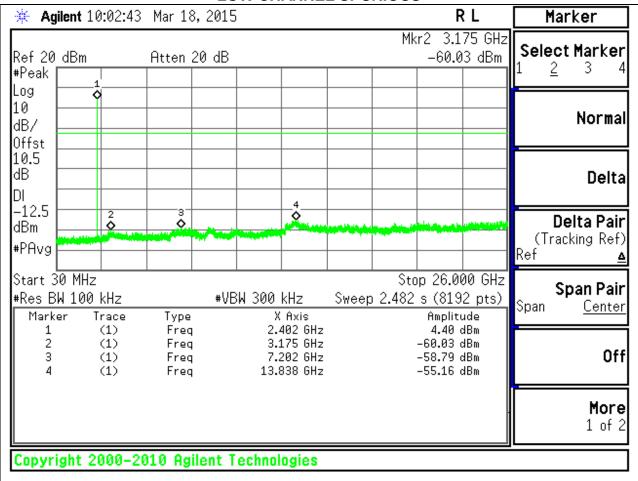
SPURIOUS EMISSIONS, LOW CHANNEL

LOW CHANNEL BANDEDGE



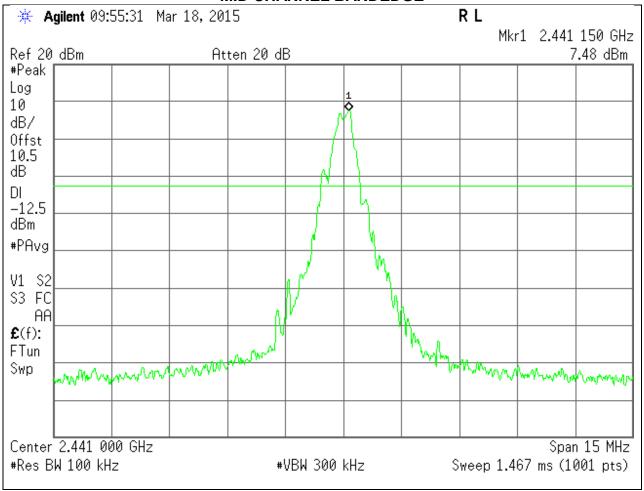
DATE: APRIL 01, 2015

LOW CHANNEL SPURIOUS



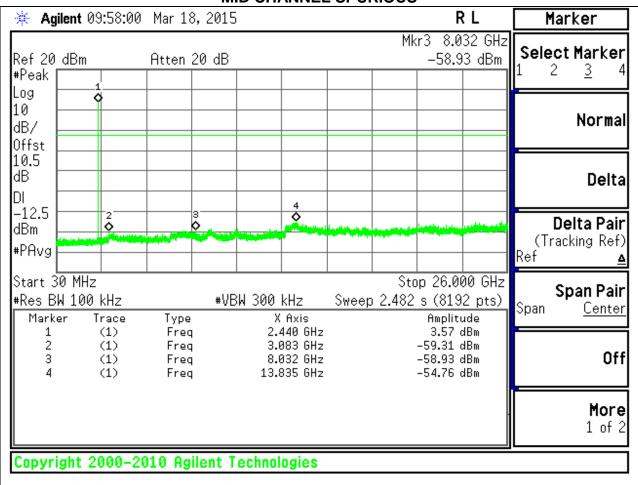
SPURIOUS EMISSIONS, MID CHANNEL

MID CHANNEL BANDEDGE



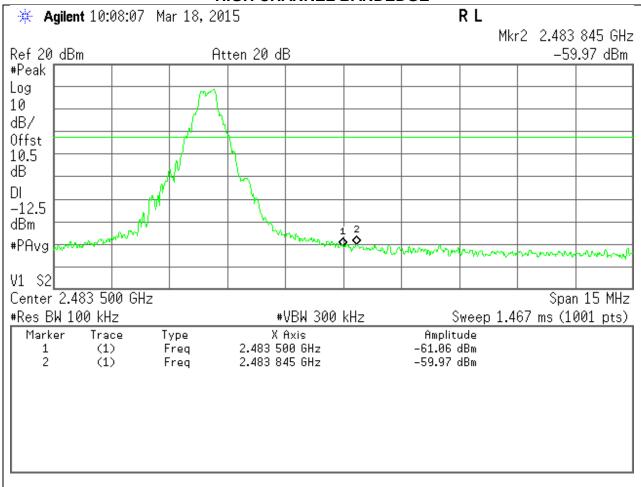
DATE: APRIL 01, 2015

MID CHANNEL SPURIOUS



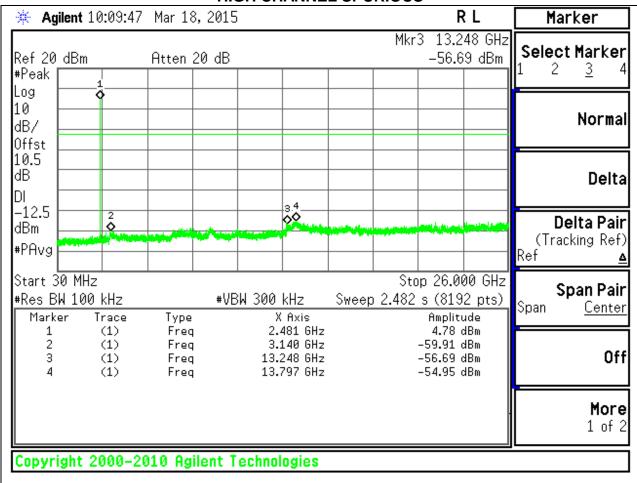
SPURIOUS EMISSIONS, HIGH CHANNEL

HIGH CHANNEL BANDEDGE



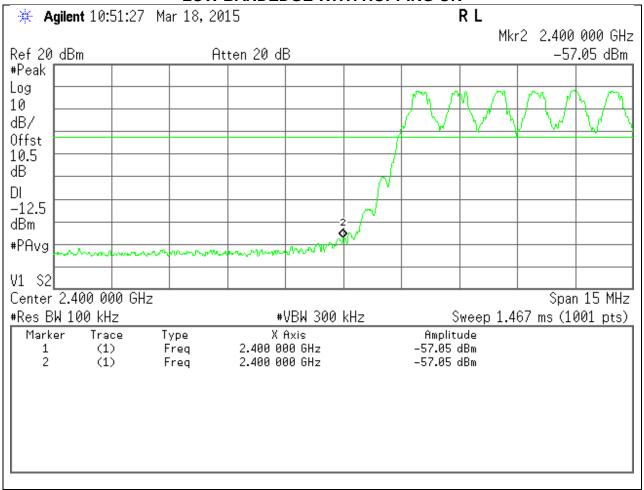
DATE: APRIL 01, 2015

HIGH CHANNEL SPURIOUS

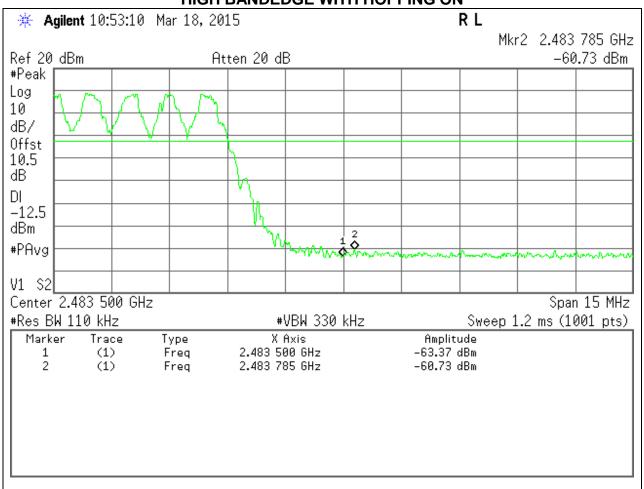


SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

LOW BANDEDGE WITH HOPPING ON



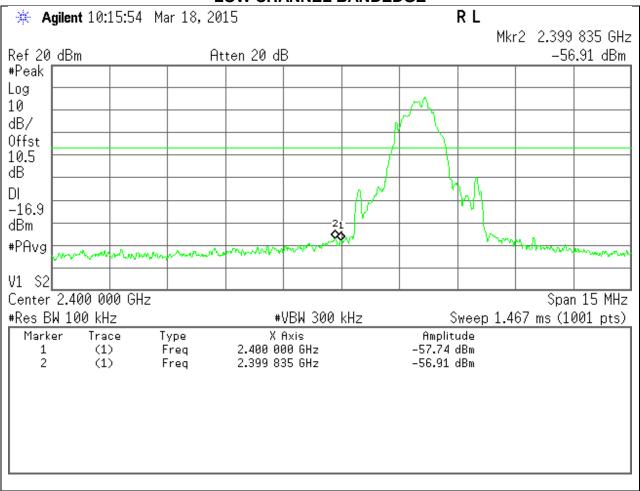
HIGH BANDEDGE WITH HOPPING ON



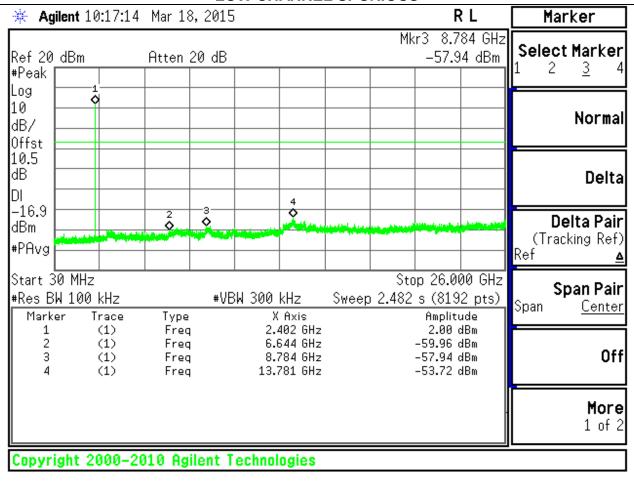
8.7.2. ENHANCED DATA RATE 8PSK MODULATION

SPURIOUS EMISSIONS, LOW CHANNEL

LOW CHANNEL BANDEDGE

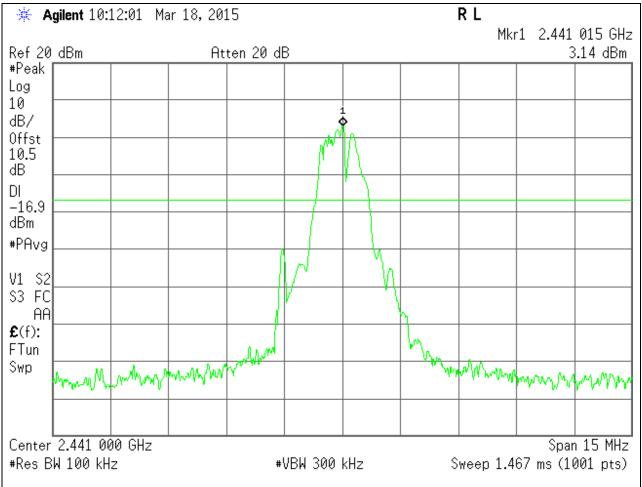


LOW CHANNEL SPURIOUS



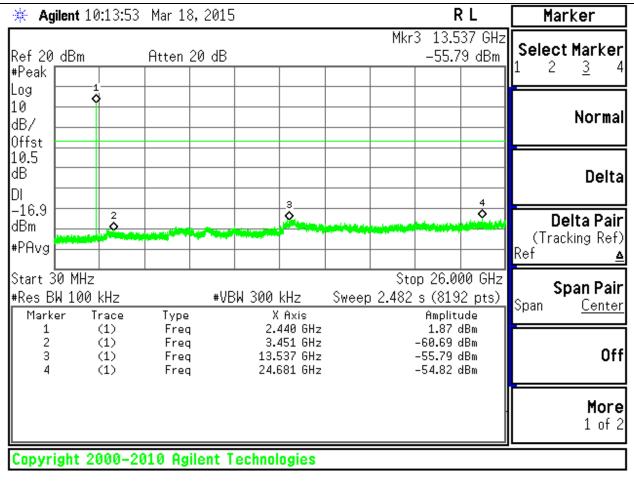
SPURIOUS EMISSIONS, MID CHANNEL

MID CHANNEL BANDEDGE



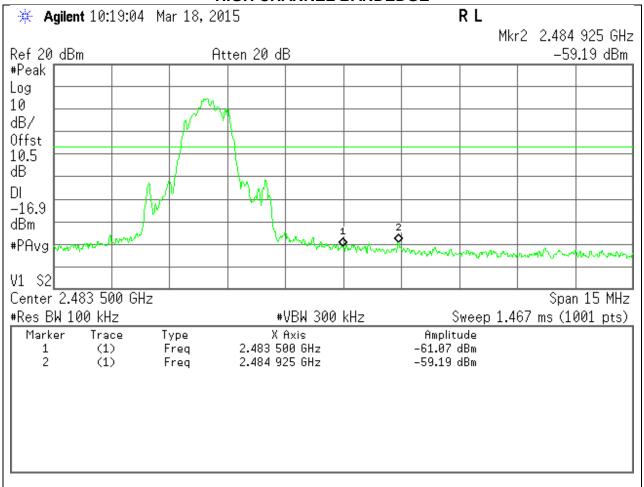
DATE: APRIL 01, 2015

MID CHANNEL SPURIOUS



SPURIOUS EMISSIONS, HIGH CHANNEL

HIGH CHANNEL BANDEDGE

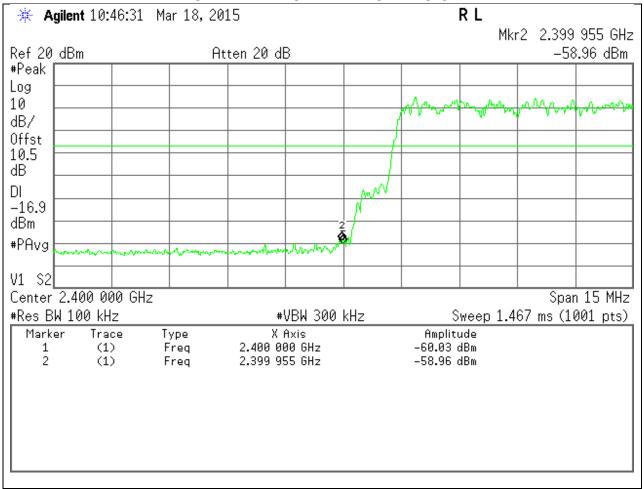


DATE: APRIL 01, 2015

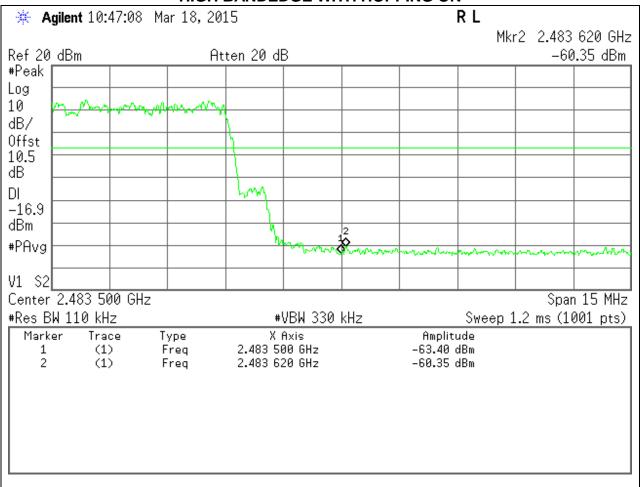
HIGH CHANNEL SPURIOUS Agilent 10:20:31 Mar 18, 2015 R L Marker Mkr3 9.009 GHz Select Marker Atten 20 dB Ref 20 dBm -58.20 dBm 2 3 #Peak Log ø 10 Normal dB/ Offst 10.5 dΒ Deltal DI. -16.9 \Diamond Delta Pair dBm (Tracking Ref) #PAvg Ref Stop 26.000 GHz Start 30 MHz Span Pair #Res BW 100 kHz Sweep 2.482 s (8192 pts) #VBW 300 kHz Span Center Marker Trace X Axis Amplitude Type 2.01 dBm 1 (1) Freq 2.481 GHz 6.695 GHz -59.10 dBm 2 (1) Freq 3 Off 9.009 GHz -58.20 dBm (1) Freq 4 13.939 GHz -54.66 dBm (1) Freq More 1 of 2 Copyright 2000-2010 Agilent Technologies

SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

LOW BANDEDGE WITH HOPPING ON



HIGH BANDEDGE WITH HOPPING ON



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9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE LIMITS

FCC §15.205 and §15.209

IC RSS-GEN Clause 8.9 (Transmitter)

IC RSS-GEN Clause 7 (Receiver)

Frequency Range	Field Strength Limit	Field Strength Limit				
(MHz)	(uV/m) at 3 m	(dBuV/m) at 3 m				
30 - 88	100	40				
88 - 216	150	43.5				
216 - 960	200	46				
Above 960	500	54				

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For band edge measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and 1/T (on time) for average measurement. GFSK = 1/T = 1 / 0.002.867S = 350Hz.

The spectrum from 1GHzHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

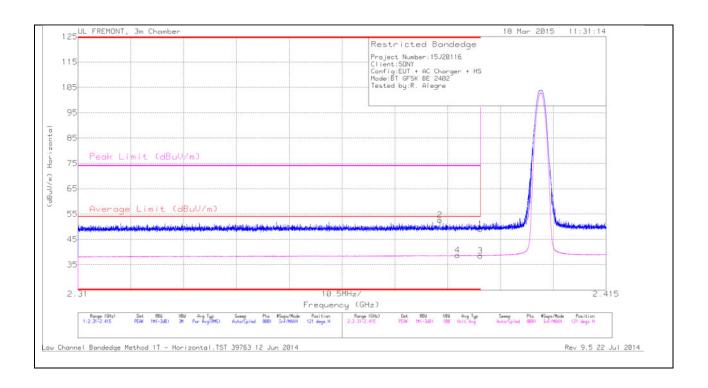
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

TRANSMITTER ABOVE 1 GHz 9.2.

9.2.1. BASIC DATA RATE GFSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL)

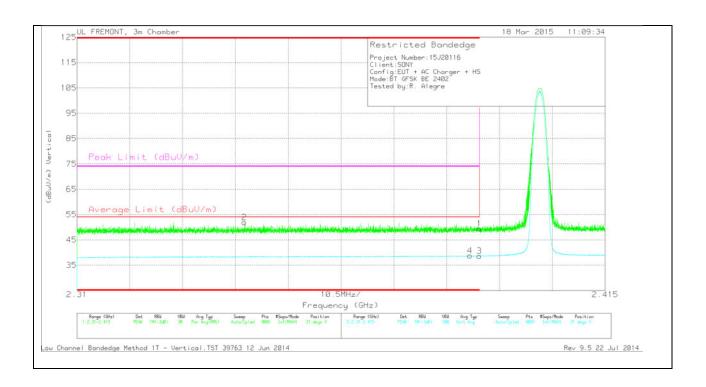
HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency	Meter	Det	AF T119	Amp/Cbl/	Corrected	Average	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	Limit	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)	(dBuV/m)						
2	* 2.382	43.8	PK	32	-23.1	52.7	-	-	74	-21.3	121	370	Н
4	* 2.385	29.79	VB1T	32	-23.1	38.69	54	-15.31	-	-	121	370	Н
1	* 2.39	40.17	PK	32	-23.1	49.07	-	-	74	-24.93	121	370	Н
3	* 2.39	29.63	VB1T	32	-23.1	38.53	54	-15.47	-	-	121	370	Н

VERTICAL PEAK AND AVERAGE PLOT

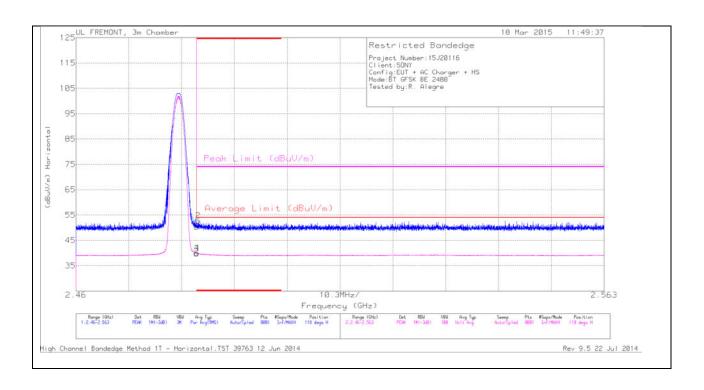


VERTICAL DATA

	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
	2	* 2.343	43.17	PK	31.8	-23.1	51.87	-	-	74	-22.13	31	375	V
	4	* 2.388	29.8	VB1T	32	-23.1	38.7	54	-15.3	-	-	31	375	V
	1	* 2.39	40.52	PK	32	-23.1	49.42	-	-	74	-24.58	31	375	V
Ī	3	* 2.39	29.75	VB1T	32	-23.1	38.65	54	-15.35	-	-	31	375	V

AUTHORIZED BANDEDGE (HIGH CHANNEL)

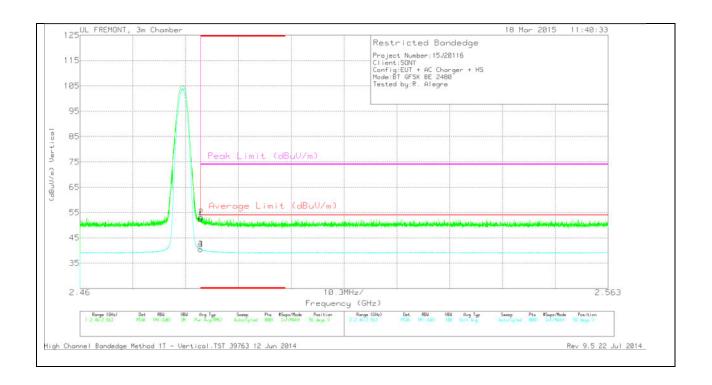
HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad	Corrected Reading	Average Limit	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
	, ,	(dBuV)		, , ,	(dB)	(dBuV/m)	(dBuV/m)	, ,		, ,	, ,,	, ,	
1	* 2.484	40.82	PK	32.3	-22.8	50.32	-	-	74	-23.68	118	351	Н
2	* 2.484	43.32	PK	32.3	-22.8	52.82	-	-	74	-21.18	118	351	Н
3	* 2.484	30.29	VB1T	32.3	-22.8	39.79	54	-14.21	-	-	118	351	Н
4	* 2.484	30.51	VB1T	32.3	-22.8	40.01	54	-13.99	-	-	118	351	Н

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency	Meter	Det	AF T119	Amp/Cbl/	Corrected	Average	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	Limit	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)	(dBuV/m)						
1	* 2.484	43.05	PK	32.3	-22.8	52.55	-	-	74	-21.45	56	350	٧
2	* 2.484	43.63	PK	32.3	-22.8	53.13	-	-	74	-20.87	56	350	V
3	* 2.484	30.97	VB1T	32.3	-22.8	40.47	54	-13.53	-	-	56	350	V
4	* 2.484	30.97	VB1T	32.3	-22.8	40.47	54	-13.53	-	-	56	350	V

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL 115 UL Fremont, 5m Chamber B 17 Mar 2015 10:46:49 Radiated Emissions 3-Meters Project Number: 15I20116 185 Client:Sony Config:EUT w/ Charger + Headset Mode:BT GFSK HARM 2412 Tested by:J. Hsu 95 85 Peak Limit (dBuV/m) 65 Avg Limit (dBuV/m) Frequency (GHz) Range (GHz) 3:3-18 Sweep Pts #Swps/Mode Position Auto/Cpled 6881 Inf/M60H B-368deas H

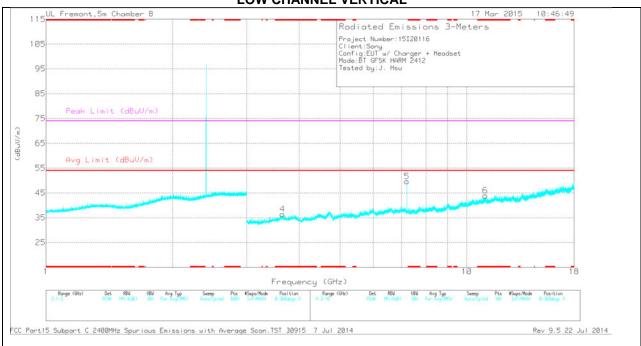
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

DATE: APRIL 01, 2015

FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 7 Jul 2014

Rev 9.5 22 Jul 2014

LOW CHANNEL VERTICAL



REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency	Meter	Det	AF T345	Amp/Cbl/F	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	ltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)							
1	* 1.21	36.44	PK	28.6	-24.3	40.74	-	-	74	-33.26	0-360	199	Н
2	* 4.722	33.06	PK	34.3	-29.1	38.26	-	-	74	-35.74	0-360	101	Н
3	* 16.127	27.72	PK	40.8	-20.9	47.62	-	-	74	-26.38	0-360	199	Н
4	* 3.647	33.43	PK	33.7	-30.7	36.43	-	-	74	-37.57	0-360	101	V
6	* 11.071	27.99	PK	37.8	-21.9	43.89	-	-	74	-30.11	0-360	199	V
5	7.206	41.62	PK	35.3	-27.2	49.72	-	-	-	-	0-360	199	V

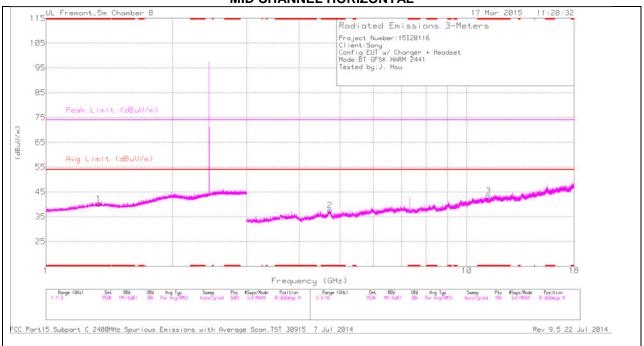
PK - Peak detector

RADIATED EMISSIONS

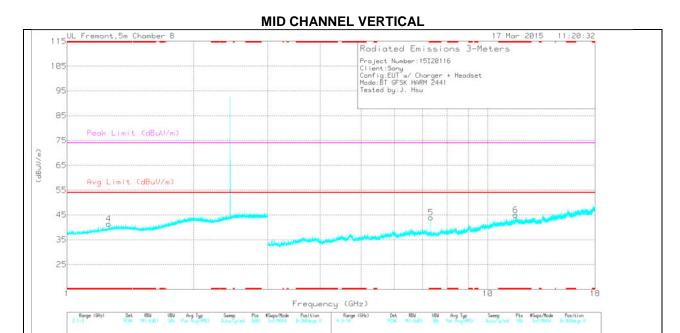
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.206	44.92	PK3	35.3	-27.2	53.02	-	-	-	-	289	232	V
7.206	38.85	VB1T	35.3	-27.2	46.95	-	-	-	-	289	232	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

MID CHANNEL HORIZONTAL



Rev 9.5 22 Jul 2014



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 7 Jul 2014

REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency	Meter	Det	AF T345	Amp/Cbl/F	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading (dBuV)		(dB/m)	ltr/Pad (dB)	Reading (dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
1	* 1.336	34.91	PK	29.4	-24.1	40.21	_	_	74	-33.79	0-360	199	Н
4	* 1.258			_		41.43					0-360		V
4	1.258	36.63	PK	29	-24.2	41.43	-	-	74	-32.57	0-360	101	V
2	* 4.727	32.35	PK	34.3	-29.1	37.55	-	-	74	-36.45	0-360	101	Н
3	* 11.252	27.74	PK	37.9	-22.2	43.44	-	-	74	-30.56	0-360	199	Н
5	* 7.323	36.8	PK	35.3	-28.2	43.9	-	-	74	-30.1	0-360	199	V
6	* 11.655	28.11	PK	38.5	-21.7	44.91	-	-	74	-29.09	0-360	199	V

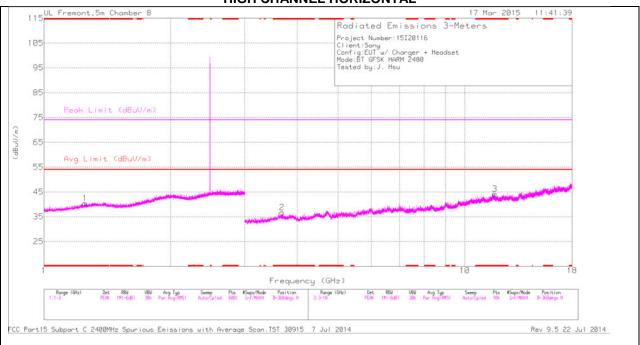
PK - Peak detector

RADIATED EMISSIONS

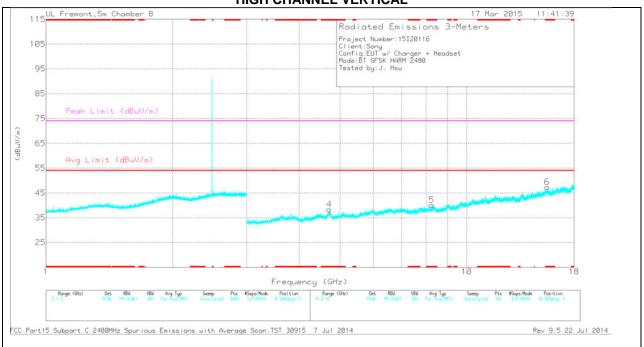
Frequency	Meter	Det	AF T345	Amp/Cbl/	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
	(dBuV)			(dB)	(dBuV/m)							
* 7 325	37.94	PK3	35.3	-28.1	45.14	-	-	74	-28.86	136	320	V
* 7 325	26.27	VB1T	35.3	-28.1	33.47	54	-20.53	-	-	136	320	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

HIGH CHANNEL DATA

TRACE MARKERS

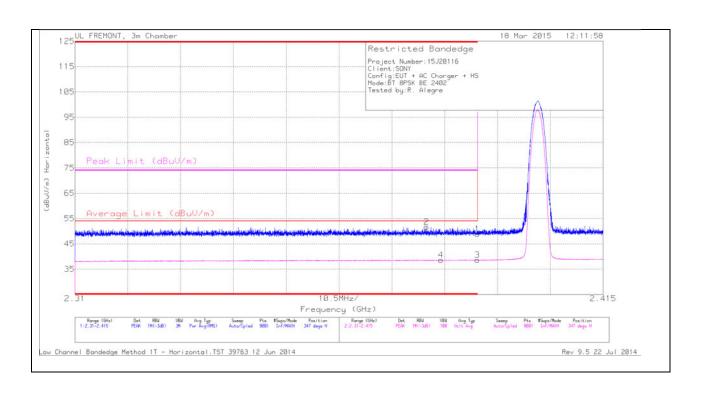
Marker	Frequency	Meter	Det	AF T345	Amp/Cbl/F	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	ltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)							
1	* 1.252	35.54	PK	29	-24.2	40.34	-	-	74	-33.66	0-360	101	Н
2	* 3.678	33.93	PK	33.7	-30.9	36.73	-	-	74	-37.27	0-360	101	Н
3	* 11.78	27.47	PK	38.6	-21.9	44.17	-	-	74	-29.83	0-360	200	Н
4	* 4.713	33.35	PK	34.2	-29.2	38.35	-	-	74	-35.65	0-360	200	V
5	* 8.253	31.18	PK	35.7	-26.7	40.18	-	-	74	-33.82	0-360	200	V
6	* 15.518	26.61	PK	40.9	-20.1	47.41	-	-	74	-26.59	0-360	200	V

PK - Peak detector

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

9.2.2. ENHANCED DATA RATE 8PSK MODULATION RESTRICTED BANDEDGE (LOW CHANNEL)

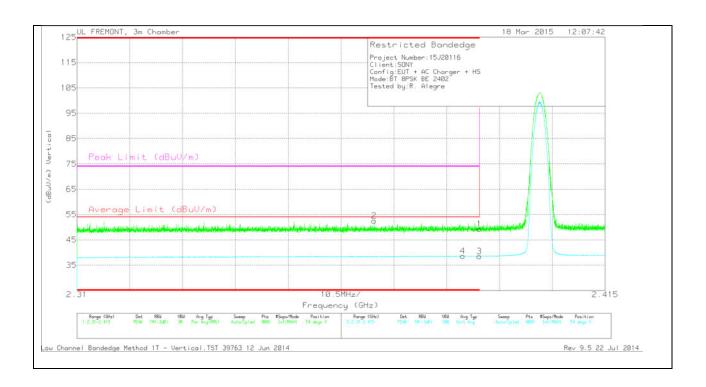
HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.38	42.91	PK	31.9	-23.1	51.71	(ubuv/III) -	-	74	-22.29	347	368	Н
4	* 2.383	29.76	VB1T	32	-23.1	38.66	54	-15.34	-	-	347	368	Н
1	* 2.39	40.03	PK	32	-23.1	48.93	-	-	74	-25.07	347	368	Н
3	* 2.39	29.67	VB1T	32	-23.1	38.57	54	-15.43	-	-	347	368	Н

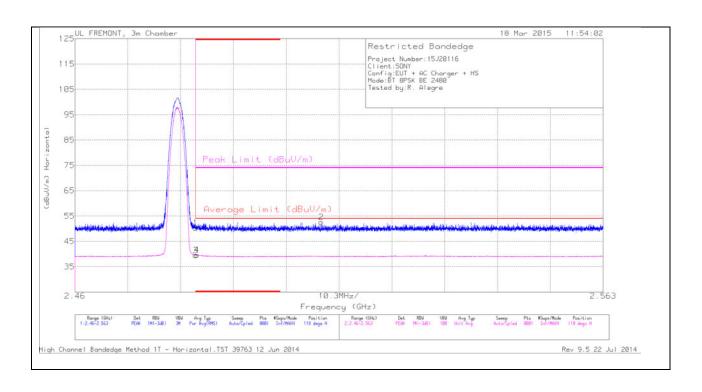
VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency	Meter	Det	AF T119	Amp/Cbl/	Corrected	Average	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	Limit	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)	(dBuV/m)						
2	* 2.369	43.75	PK	31.9	-23.1	52.55	-	-	74	-21.45	54	377	V
4	* 2.387	29.74	VB1T	32	-23.1	38.64	54	-15.36	-	-	54	377	V
1	* 2.39	40.35	PK	32	-23.1	49.25	-	-	74	-24.75	54	377	V
3	* 2.39	29.62	VB1T	32	-23.1	38.52	54	-15.48	-	-	54	377	V

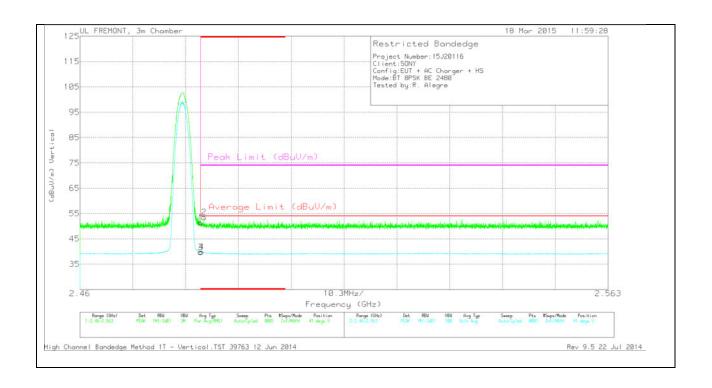
HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency	Meter	Det	AF T119	Amp/Cbl/	Corrected	Average	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	Limit	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	ľ
		(dBuV)			(dB)	(dBuV/m)	(dBuV/m)						1
1	* 2.484	40.77	PK	32.3	-22.8	50.27	-	-	74	-23.73	118	351	Н
3	* 2.484	30.01	VB1T	32.3	-22.8	39.51	54	-14.49	-	-	118	351	Н
4	* 2.484	30.14	VB1T	32.3	-22.8	39.64	54	-14.36	-	-	118	351	Н
2	2.508	43.02	PK	32.3	-22.8	52.52	-	-	74	-21.48	118	351	Н

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency	Meter	Det	AF T119	Amp/Cbl/	Corrected	Average	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	Limit	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)	(dBuV/m)						
1	* 2.484	41.87	PK	32.3	-22.8	51.37	-	-	74	-22.63	41	358	V
2	* 2.484	44.07	PK	32.3	-22.8	53.57	-	-	74	-20.43	41	358	V
3	* 2.484	30.25	VB1T	32.3	-22.8	39.75	54	-14.25	-	-	41	358	V
4	* 2.484	30.33	VB1T	32.3	-22.8	39.83	54	-14.17	-	-	41	358	V

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL 115 UL Fremont, 5m Chamber B 17 Mar 2015 12:47:19 Radiated Emissions 3-Meters Project Number: 15I20116 185 Client:Sony Config:EUT w/ Charger + Headset Mode:BT 8PSK HARM 2402 Tested by:J. Hsu 95 85 Peak Limit (dBuV/m) 65 Avg Limit (dBuV/m)

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Frequency (GHz) Range (GHz) 3:3-18

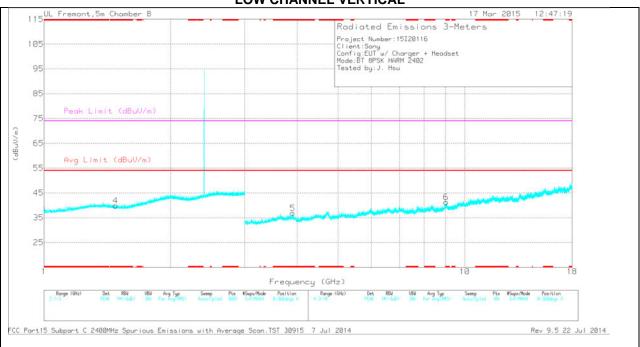
Sweep Pts #Swps/Mode Position Auto/Cpled 6881 Inf/M60H B-368deas H

FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 7 Jul 2014

DATE: APRIL 01, 2015

Rev 9.5 22 Jul 2014





REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

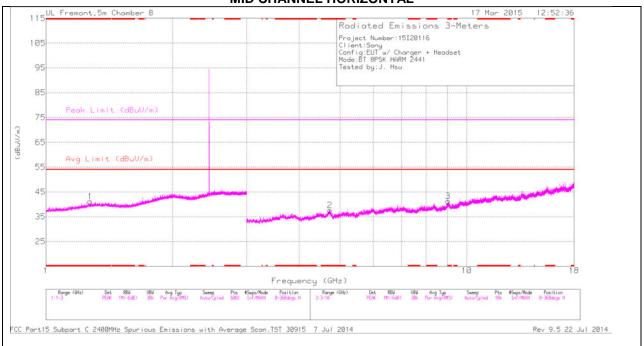
LOW CHANNEL DATA

TRACE MARKERS

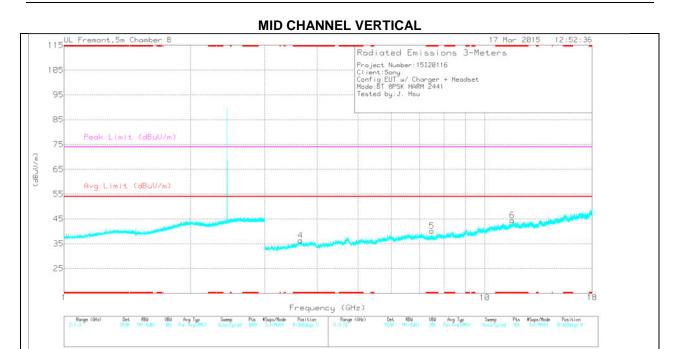
Marker	Frequency	Meter	Det	AF T345	Amp/Cbl/F	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	ltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)							
1	* 1.099	35.32	PK	27.6	-24.4	38.52	-	-	74	-35.48	0-360	200	Н
4	* 1.48	35.02	PK	28.8	-23.9	39.92	-	-	74	-34.08	0-360	100	V
2	* 4.275	33.05	PK	33.6	-30.5	36.15	-	-	74	-37.85	0-360	101	Н
3	* 11.692	26.91	PK	38.5	-21.8	43.61	-	-	74	-30.39	0-360	101	Н
5	* 3.904	33.29	PK	33.5	-29.9	36.89	-	-	74	-37.11	0-360	101	V
6	* 9.025	29.33	PK	36.1	-24.1	41.33	-	-	74	-32.67	0-360	199	V

PK - Peak detector

MID CHANNEL HORIZONTAL



Rev 9.5 22 Jul 2014



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 7 Jul 2014

REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading	Det	AF T345 (dB/m)	Amp/Cbl/F ltr/Pad	Corrected Reading	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
	(GHZ)	(dBuV)		(45/111)	(dB)	(dBuV/m)	(ubuv/iii)	(ub)	(ubuv/iii)	(ub)	(Degs)	(ciii)	
1	* 1.275	36.12	PK	29.2	-24.2	41.12	-	-	74	-32.88	0-360	101	Н
2	* 4.734	32.4	PK	34.3	-29.1	37.6	-	-	74	-36.4	0-360	101	Н
3	* 9.034	29.15	PK	36.1	-24	41.25	-	-	74	-32.75	0-360	199	Н
4	* 3.651	33.28	PK	33.7	-30.7	36.28	-	-	74	-37.72	0-360	101	V
5	* 7.487	31.76	PK	35.3	-26.9	40.16	-	-	74	-33.84	0-360	199	V
6	* 11.63	28	PK	38.4	-21.9	44.5	-	-	74	-29.5	0-360	199	V

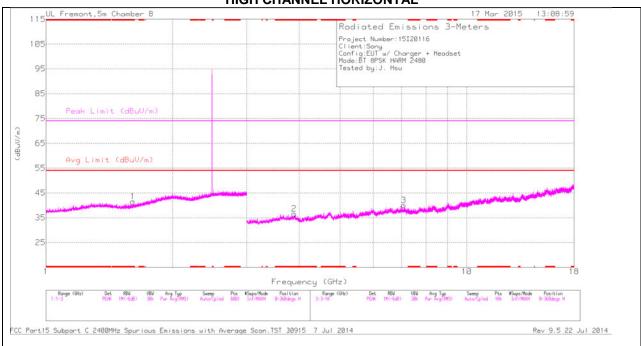
PK - Peak detector

RADIATED EMISSIONS

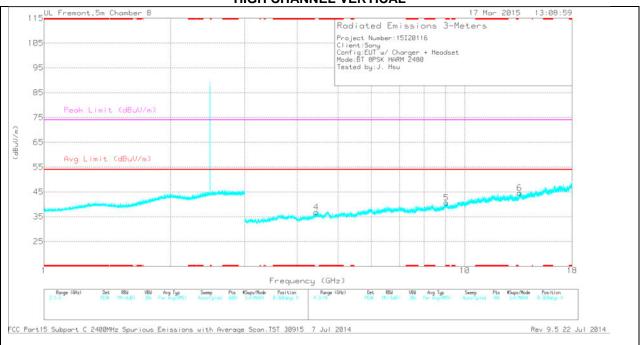
Frequency	Meter	Det	AF T345	Amp/Cbl/	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
(GHz)	Reading		(dB/m)	Fltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
	(dBuV)			(dB)	(dBuV/m)							
* 7.489	37	PK3	35.3	-26.9	45.4	-	-	74	-28.6	1	101	V
* 7.487	25.12	VB1T	35.3	-26.9	33.52	54	-20.48	-	-	1	101	V

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency	Meter	Det	AF T345	Amp/Cbl/F	Corrected	Avg Limit	Margin	Peak Limit	PK Margin	Azimuth	Height	Polarity
	(GHz)	Reading		(dB/m)	ltr/Pad	Reading	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(Degs)	(cm)	
		(dBuV)			(dB)	(dBuV/m)							
1	* 1.611	36.18	PK	28.9	-23.6	41.48	-	-	74	-32.52	0-360	101	Н
2	* 3.891	33.12	PK	33.5	-30	36.62	-	-	74	-37.38	0-360	199	Н
5	* 9.045	28.41	PK	36.1	-23.9	40.61	-	-	74	-33.39	0-360	101	V
4	4.439	32.2	PK	33.9	-29.2	36.9	-	-	1	1	0-360	199	V
3	7.091	31.57	PK	35.7	-27.3	39.97	-	-	-	1	0-360	199	Н
6	13.493	26.75	PK	38.9	-21.1	44.55	-	-	-	-	0-360	101	V

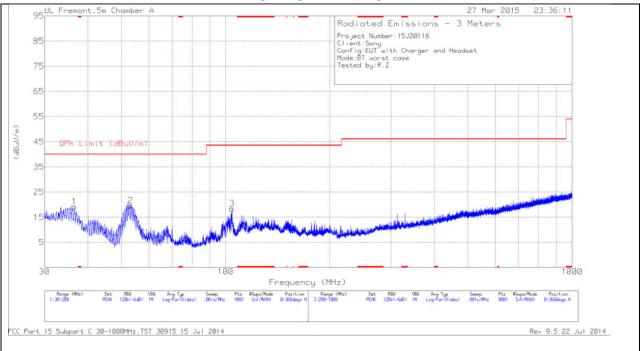
PK - Peak detector

FCC Part15 Subpart C T186 2400MHz Spurious Emissions.TST 12746Rev 9.5 12 Jun 2013

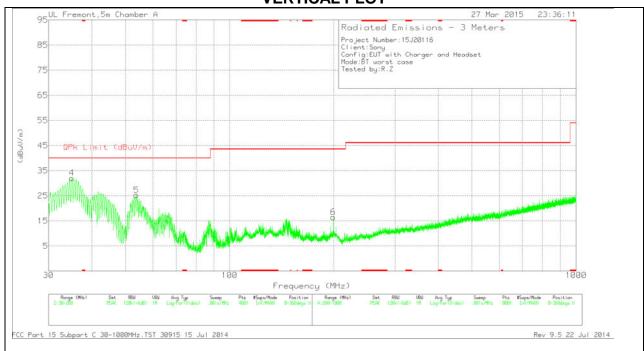
9.3. WORST-CASE BELOW 1 GHz

GFSK SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT



VERTICAL PLOT



REPORT NO:15J20116-E2 DATE: APRIL 01, 2015 FCC ID: PY7-PM0793

BELOW 1 GHz TABLE

Marker	Frequency (MHz)	Meter Reading	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
		(dBuV)				(dBuV/m)					
4	35.015	45.58	PK	17.7	-31.2	32.08	40	-7.92	0-360	101	V
1	36.5875	33.78	PK	16.6	-31.2	19.18	40	-20.82	0-360	400	Н
2	53.1625	43.36	PK	7.3	-31	19.66	40	-20.34	0-360	400	Н
5	53.8	49.07	PK	7.2	-31	25.27	40	-14.73	0-360	101	V
3	104.29	37.64	PK	11.3	-30.5	18.44	43.52	-25.08	0-360	200	Н
6	199.0225	33.89	PK	12.5	-29.9	16.49	43.52	-27.03	0-360	101	V

PK - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)				
	Quasi-peak	Average			
0.15-0.5	66 to 56 *	56 to 46 *			
0.5-5	56	46			
5-30	60	50			

Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

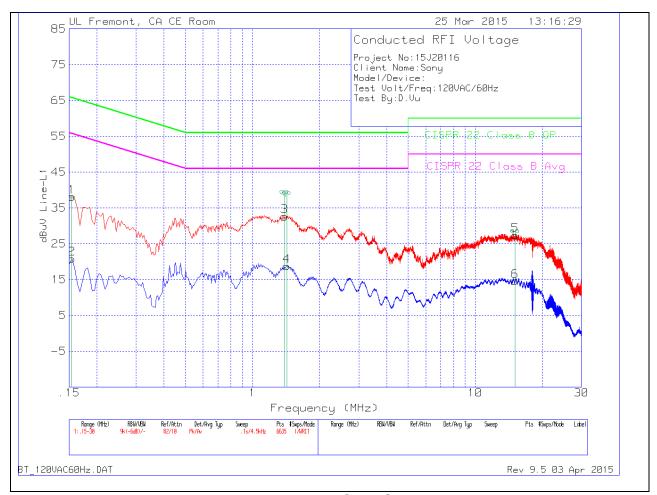
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Marker	Frequency	Meter	Det	T24 IL L1	LC Cables	Corrected	CISPR 22	Margin	CISPR 22	Margin
	(MHz)	Reading			1&3	Reading	Class B QP	(dB)	Class B	(dB)
		(dBuV)				dBuV			Avg	
1	.1545	36.84	Pk	1.3	0	38.14	65.75	-27.61	55.75	-17.61
2	.1545	19.56	Av	1.3	0	20.86	-	-	55.75	-34.89
3	1.392	32.36	Pk	.2	.1	32.66	56	-23.34	46	-13.34
4	1.4235	18.47	Av	.2	.1	18.77	-	-	46	-27.23
5	15.1125	26.95	Pk	.3	.2	27.45	60	-32.55	50	-22.55

.2

.3

14.63

14.13

Range 1: Line-L1 .15 - 30MHz

15.099

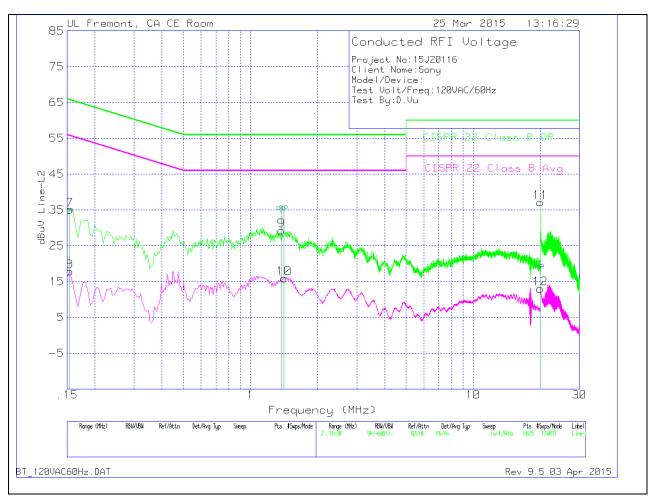
6

50

DATE: APRIL 01, 2015

-35.37

LINE 2 PLOT



LINE 2 RESULTS

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency	Meter	Det	T24 IL L2	LC Cables	Corrected	CISPR 22	Margin	CISPR 22	Margin	
	(MHz)	Reading			2&3	Reading	Class B QP	(dB)	Class B	(dB)	
		(dBuV)				dBuV			Avg		
7	.1545	33.71	Pk	1.4	0	35.11	65.75	-30.64	55.75	-20.64	
8	.1545	16.46	Av	1.4	0	17.86	-	-	55.75	-37.89	
9	1.3785	28.98	Pk	.2	.1	29.28	56	-26.72	46	-16.72	
10	1.4145	15.62	Av	.2	.1	15.92	-	-	46	-30.08	
11	20.0175	36.64	Pk	.3	.2	37.14	60	-22.86	50	-12.86	
12	20.022	12.53	Av	.3	.2	13.03	-	-	50	-36.97	