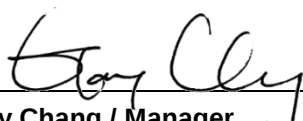


FCC Test Report

FCC ID : VQK-F01H
Equipment : Mobile Phone
Model No. : F-01H
Brand Name : FUJITSU
Applicant : FUJITSU LIMITED
Address : 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki 211-8588, Japan
Standard : 47 CFR FCC Part 15.247
Received Date : Jun. 03, 2015
Tested Date : Jul. 13 ~ Jul. 15, 2015

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.

Approved & Reviewed by:



Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FR560301AD	Rev. 01	Initial issue	Aug. 07, 2015

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 2.824MHz 42.99 (Margin -13.01dB) - QP	Pass
15.247(d) 15.209	Radiated Emissions	[dBuV/m at 3m]: 2483.50MHz 39.04 (Margin -14.96dB) - AV	Pass
15.247(d)	Band Edge	Meet the requirement of limit	Pass
15.247(b)(1)	Conducted Output Power	Power [dBm]: 10.95	Pass
15.247(a)(1)(iii)	Number of Hopping Channels	Meet the requirement of limit	Pass
15.247(a)(1)	Hopping Channel Separation	Meet the requirement of limit	Pass
15.247(a)(1)(iii)	Dwell Time	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

1 General Description

1.1 Information

1.1.1 Product Details

Product Name	Mobile Phone
Brand Name	FUJITSU
Model Name	F-01H
IMEI Code	354017060100571 / 354017060117070
H/W Version	v2.1.1
S/W Version	R019.1e

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information				
Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number	Data Rate
2400-2483.5	BR	2402-2480	0-78 [79]	1 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	2 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	3 Mbps
Note 1: RF output power specifies that Maximum Peak Conducted Output Power.				
Note 2: Bluetooth BR uses a GFSK.				
Note 3: Bluetooth EDR uses a combination of $\pi/4$ -DQPSK and 8DPSK.				

1.1.3 Antenna Details

Ant. No.	Type	Connector	Gain (dBi)	Remarks
1	$\lambda/4$ Monopole	N/A	-0.63	---

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5.0Vdc from AC adapter 3.8Vdc from Battery
-------------------	---

1.1.5 Accessories

No.	Equipment	Description
1	Cradle	Brand Name: Fujitsu Limited Model Name: F51 Input rating: 5Vdc, 1.5A Output rating: 5.0Vdc, 1.5A
2	Battery (Unremovable)	Brand Name: NTT Docomo Model Name: CA54310-0064 Power Rating: 3.8Vdc, 2330mAh, 8.9Wh

1.1.6 Channel List

Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	QRCT, Version: 3.0.54.0
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1.1.8 Power Setting

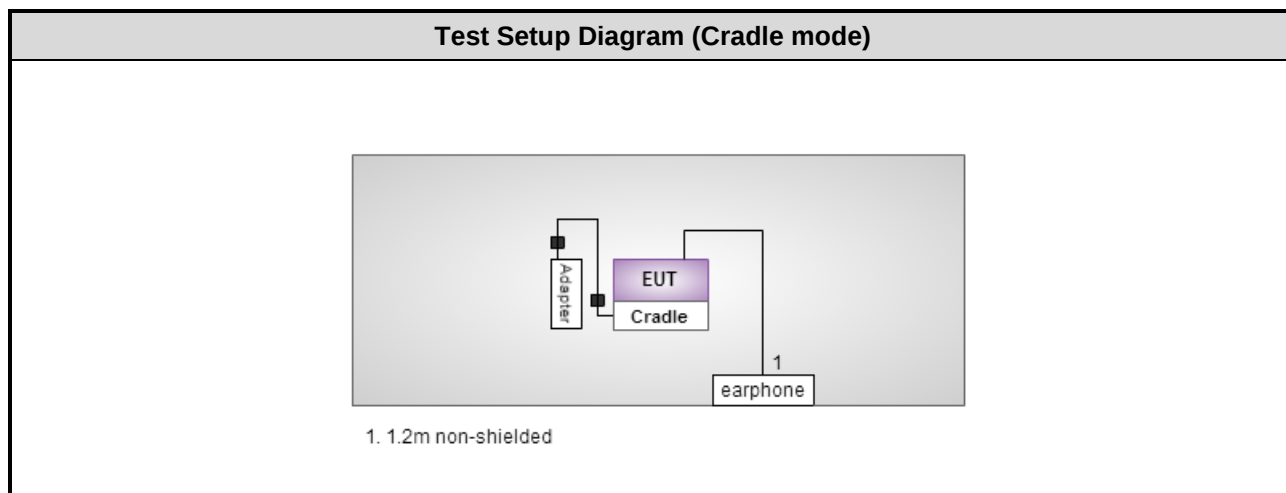
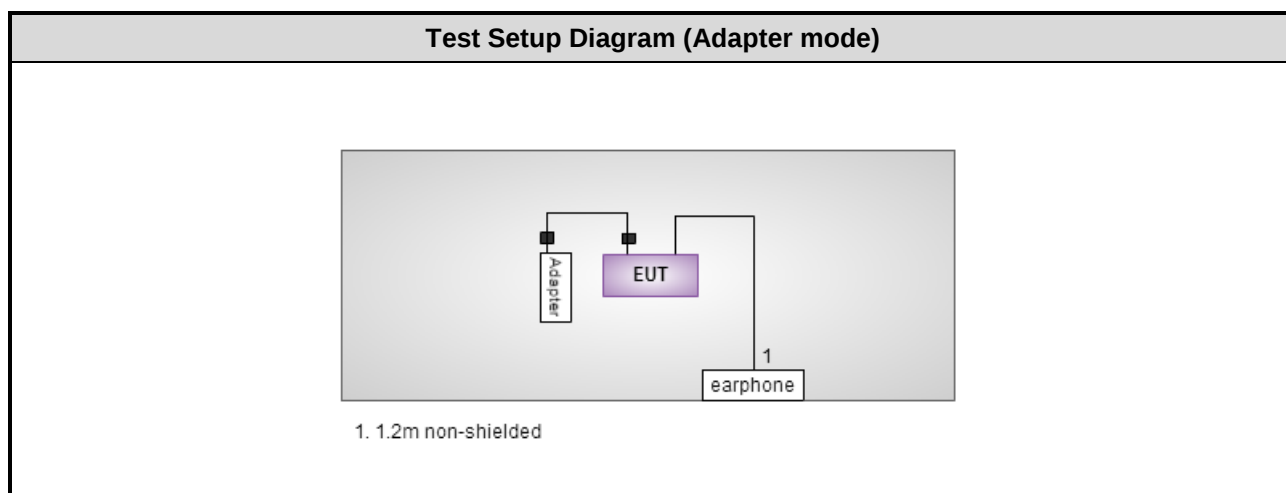
Modulation Mode	Test Frequency (MHz)		
	2402	2441	2480
GFSK/1Mbps	9	9	9
8DPSK/3Mbps	9	9	9

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	S/N	Signal cable / Length (m)
1	Adapter	NTT docomo	AC Adaptor 04	---	---
2	Earphone	APPLE	MD827FE/A	6	1.2m non-shielded.

Note: Item 1 was provided by applicant.

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
EMC Receiver	R&S	ESCS 30	100169	Oct. 17, 2014	Oct. 16, 2015
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 17, 2014	Nov. 16, 2015
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Dec. 31, 2014	Dec. 30, 2015
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber 2 / (03CH02-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101499	Dec. 31, 2014	Dec. 30, 2015
Receiver	R&S	ESR3	101657	Jan. 15, 2015	Jan. 14, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-524	Oct. 16, 2014	Oct. 15, 2015
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1095	Oct. 14, 2014	Oct. 13, 2015
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 10, 2014	Nov. 09, 2015
Loop Antenna	R&S	HFH2-Z2	11900	Nov. 10, 2014	Nov. 09, 2015
Preamplifier	Burgeon	BPA-530	100218	Nov. 10, 2014	Nov. 09, 2015
Preamplifier	Agilent	83017A	MY39501309	Sep. 29, 2014	Sep. 28, 2015
Preamplifier	EMC	EMC184045B	980192	Aug. 26, 2014	Aug. 25, 2015
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16140/4	Dec. 16, 2014	Dec. 15, 2015
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16018/4	Dec. 16, 2014	Dec. 15, 2015
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16015/4	Dec. 16, 2014	Dec. 15, 2015
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-003	Dec. 16, 2014	Dec. 15, 2015
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-004	Dec. 16, 2014	Dec. 15, 2015
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Feb. 03, 2015	Feb. 02, 2016
Power Meter	Anritsu	ML2495A	1241002	Sep. 29, 2014	Sep. 28, 2015
Power Sensor	Anritsu	MA2411B	1207366	Sep. 29, 2014	Sep. 28, 2015
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

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

FCC Public notice DA 00-705

ANSI C63.10-2013

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	± 2.92 dB
Radiated emission ≤ 1 GHz	± 3.62 dB
Radiated emission > 1 GHz	± 5.60 dB

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	21°C / 60%	Kevin Ma
Radiated Emissions	03CH02-WS	21-23°C / 60-61%	Felix Sung
RF Conducted	TH01-WS	23°C / 65%	Brad Wu

➤ FCC site registration No.: 657002

➤ IC site registration No.: 10807A-2

2.2 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)	Data Rate
Conducted Emissions	8DPSK	2480	1Mbps
Radiated Emissions ≤ 1GHz	8DPSK	2480	1Mbps
Radiated Emissions > 1GHz	GFSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480	1Mbps 3Mbps
Conducted Output Power	GFSK π/4 QDPSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480 2402, 2441, 2480	1Mbps 2Mbps 3Mbps
Number of Hopping Channels	GFSK 8DPSK	2402~2480 2402~2480	1Mbps 3Mbps
Hopping Channel Separation	GFSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480	1Mbps 3Mbps
Dwell Time	GFSK 8DPSK	2402 2402	1Mbps 3Mbps

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
- The EUT had been tested by following test configurations for spurious emission below 1GHz.
 - Configuration 1 : Adapter mode
 - Configuration 2 : Cradle mode

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 logarithm 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.
2. 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

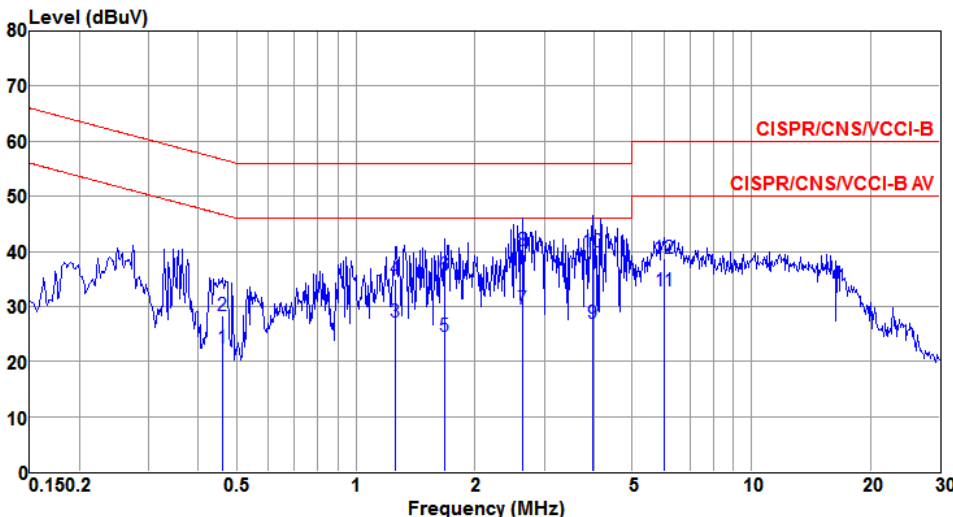
3.1.3 Test Setup



- 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

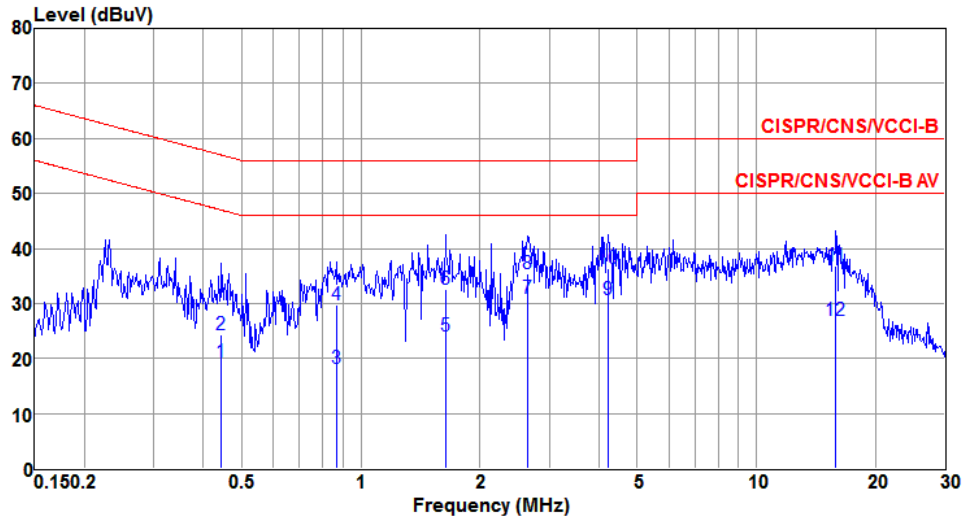
Modulation Mode	8DPSK	Test Freq. (MHz)	2480
Power Phase	Line	Test Configuration	1



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.461	22.43	46.67	-24.24	22.14	0.17	0.12	Average
2	0.461	28.43	56.67	-28.24	28.14	0.17	0.12	QP
3	1.262	27.13	46.00	-18.87	26.67	0.27	0.19	Average
4	1.262	34.94	56.00	-21.06	34.48	0.27	0.19	QP
5	1.671	24.54	46.00	-21.46	23.83	0.49	0.22	Average
6	1.671	35.74	56.00	-20.26	35.03	0.49	0.22	QP
7	2.650	29.46	46.00	-16.54	28.71	0.48	0.27	Average
8*	2.650	40.11	56.00	-15.89	39.36	0.48	0.27	QP
9	3.964	26.97	46.00	-19.03	26.39	0.27	0.31	Average
10	3.964	39.98	56.00	-16.02	39.40	0.27	0.31	QP
11	6.024	32.89	50.00	-17.11	32.14	0.44	0.31	Average
12	6.024	38.62	60.00	-21.38	37.87	0.44	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

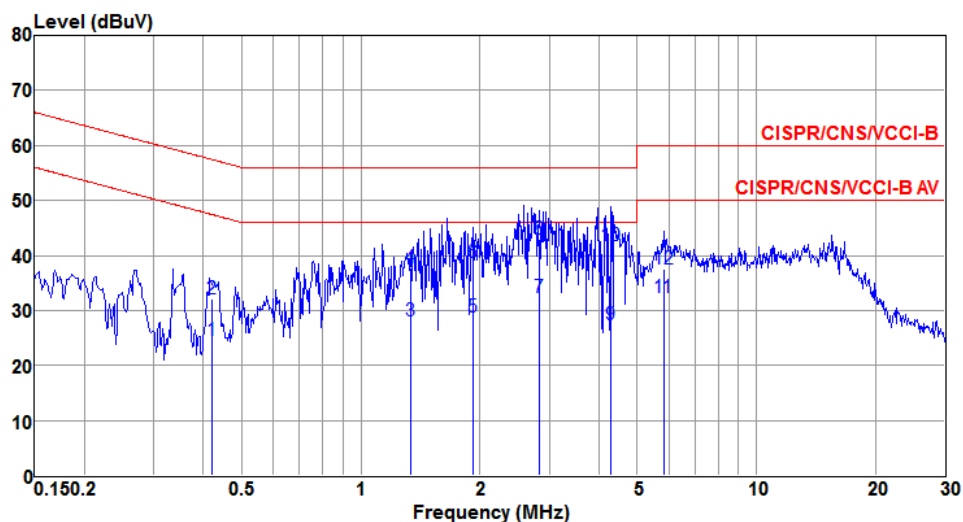
Modulation Mode	8DPSK	Test Freq. (MHz)	2480
Power Phase	Neutral	Test Configuration	1



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.444	19.35	46.98	-27.63	19.08	0.15	0.12	Average
2	0.444	24.40	56.98	-32.58	24.13	0.15	0.12	QP
3	0.866	18.29	46.00	-27.71	17.89	0.25	0.15	Average
4	0.866	29.71	56.00	-26.29	29.31	0.25	0.15	QP
5	1.636	24.12	46.00	-21.88	23.67	0.23	0.22	Average
6	1.636	32.66	56.00	-23.34	32.21	0.23	0.22	QP
7	2.636	30.83	46.00	-15.17	30.13	0.43	0.27	Average
8	2.636	35.30	56.00	-20.70	34.60	0.43	0.27	QP
9	4.224	30.74	46.00	-15.26	29.70	0.73	0.31	Average
10	4.224	36.37	56.00	-19.63	35.33	0.73	0.31	QP
11*	15.893	36.91	50.00	-13.09	36.08	0.67	0.16	Average
12	15.893	26.96	60.00	-33.04	26.13	0.67	0.16	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

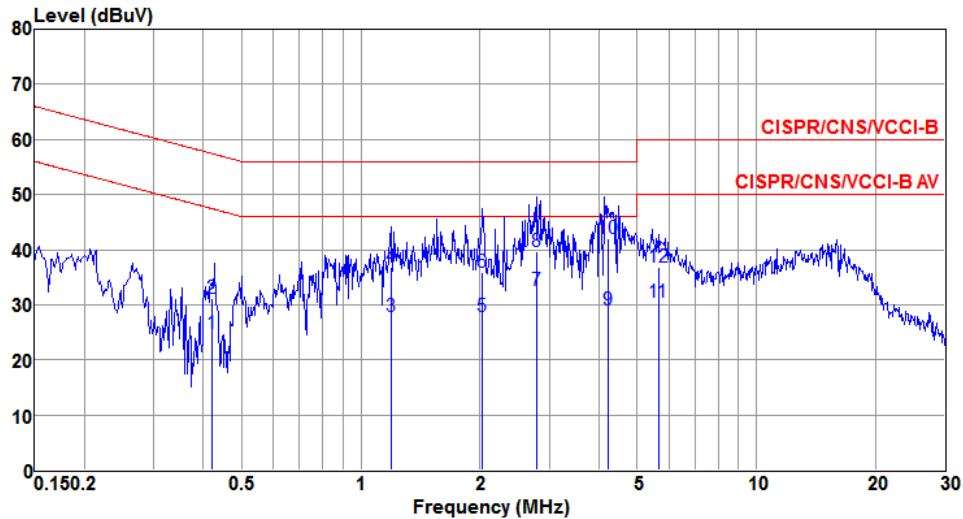
Modulation Mode	8DPSK	Test Freq. (MHz)	2480
Power Phase	Line	Test Configuration	2



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.421	24.44	47.42	-22.98	24.15	0.18	0.11	Average
2	0.421	32.04	57.42	-25.38	31.75	0.18	0.11	QP
3	1.338	28.00	46.00	-18.00	27.49	0.32	0.19	Average
4	1.338	37.72	56.00	-18.28	37.21	0.32	0.19	QP
5	1.918	28.68	46.00	-17.32	27.84	0.60	0.24	Average
6	1.918	38.63	56.00	-17.37	37.79	0.60	0.24	QP
7	2.824	32.29	46.00	-13.71	31.57	0.44	0.28	Average
8*	2.824	42.99	56.00	-13.01	42.27	0.44	0.28	QP
9	4.292	27.50	46.00	-18.50	26.90	0.29	0.31	Average
10	4.292	41.87	56.00	-14.13	41.27	0.29	0.31	QP
11	5.836	32.40	50.00	-17.60	31.66	0.43	0.31	Average
12	5.836	37.53	60.00	-22.47	36.79	0.43	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	8DPSK	Test Freq. (MHz)	2480
Power Phase	Neutral	Test Configuration	2



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.419	24.71	47.46	-22.75	24.46	0.14	0.11	Average
2	0.419	31.16	57.46	-26.30	30.91	0.14	0.11	QP
3	1.191	27.80	46.00	-18.20	27.36	0.26	0.18	Average
4	1.191	36.83	56.00	-19.17	36.39	0.26	0.18	QP
5	2.033	27.83	46.00	-18.17	27.36	0.23	0.24	Average
6	2.033	35.87	56.00	-20.13	35.40	0.23	0.24	QP
7*	2.779	32.64	46.00	-13.36	31.90	0.47	0.27	Average
8	2.779	39.62	56.00	-16.38	38.88	0.47	0.27	QP
9	4.224	28.99	46.00	-17.01	27.95	0.73	0.31	Average
10	4.224	42.13	56.00	-13.87	41.09	0.73	0.31	QP
11	5.653	30.50	50.00	-19.50	29.53	0.66	0.31	Average
12	5.653	36.81	60.00	-23.19	35.84	0.66	0.31	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.2 Unwanted Emissions into Restricted Frequency Bands

3.2.1 Limit of Unwanted Emissions into 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.

3.2.2 Test Procedures

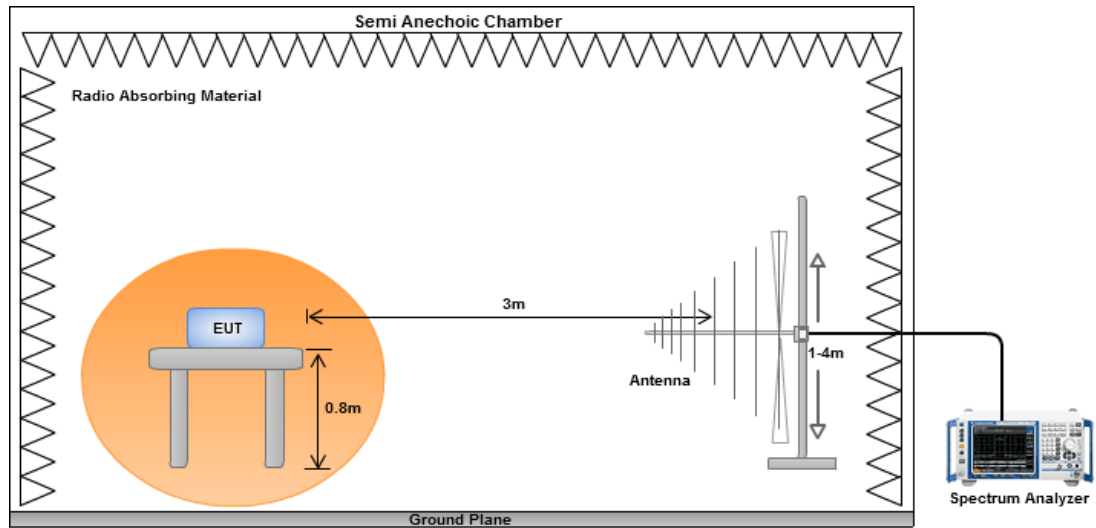
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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
2. 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:

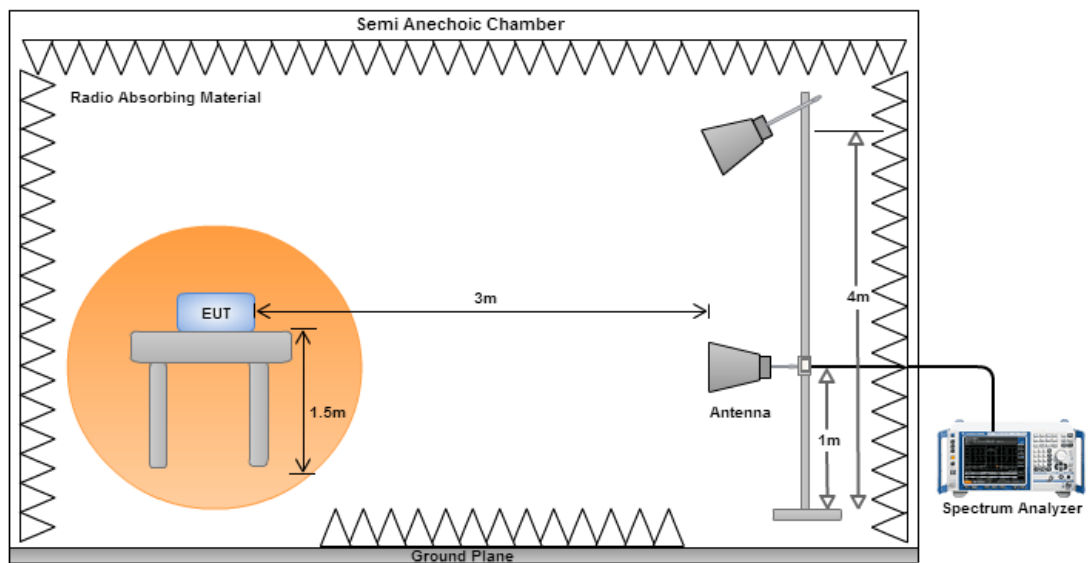
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. Radiated emission above 1GHz / Peak value
RBW=1MHz, VBW=3MHz and Peak detector
Radiated emission above 1GHz / Average value for harmonics
The average value is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula for DH5 packet type which has worst duty factor:
3.
$$20\log (\text{Duty cycle}) = 20\log \frac{1s / 1600 * 5}{100 \text{ ms}} = -30.1\text{dB}$$
4. Radiated emission above 1GHz / Average value for other emissions
RBW=1MHz, VBW=1/T and Peak detector

3.2.3 Test Setup

Radiated Emissions below 1 GHz

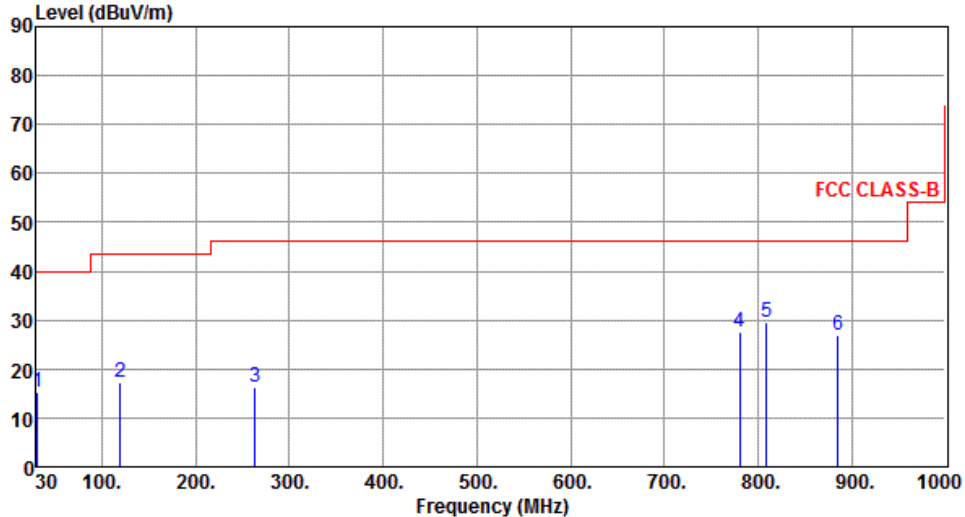


Radiated Emissions above 1 GHz



3.2.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal	Test Configuration	1

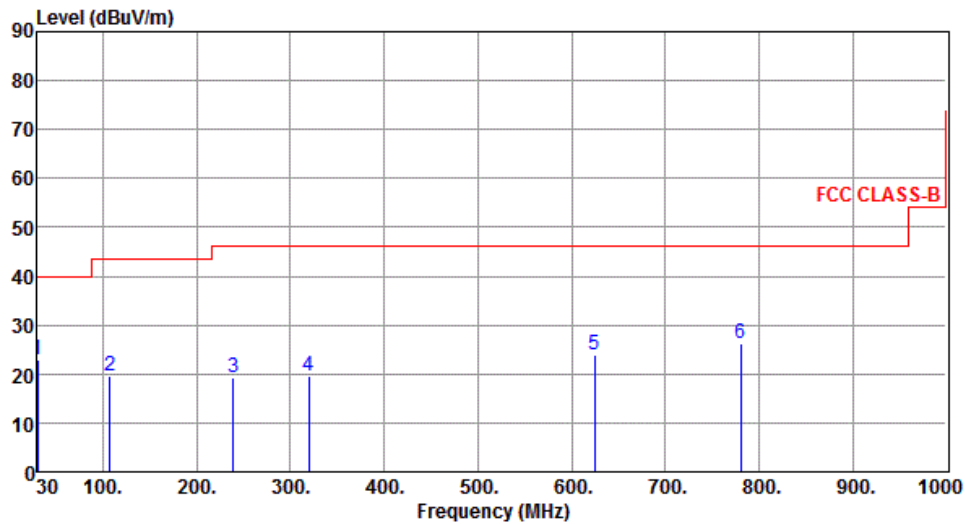


The graph displays the radiated unwanted emissions for an adapter mode transmitter. The y-axis represents the Level in dBUV/m, ranging from 0 to 90. The x-axis represents the Frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBUV/m from 30 MHz to 100 MHz, 45 dBUV/m from 100 MHz to 250 MHz, and 55 dBUV/m from 250 MHz to 1000 MHz. Six measured peaks are identified and numbered 1 through 6. The data for these peaks is summarized in the table below:

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	30.88	15.21	40.00	-24.79	32.99	-17.78	Peak	---	---
2	119.24	17.33	43.50	-26.17	37.10	-19.77	Peak	---	---
3	263.77	16.35	46.00	-29.65	33.75	-17.40	Peak	---	---
4	780.78	27.73	46.00	-18.27	34.80	-7.07	Peak	---	---
5	808.91	29.44	46.00	-16.56	36.21	-6.77	Peak	---	---
6	885.54	26.93	46.00	-19.07	32.37	-5.44	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	30.00	22.79	40.00	-17.21	40.60	-17.81	Peak	---	---
2	107.60	19.66	43.50	-23.84	40.48	-20.82	Peak	---	---
3	239.52	19.12	46.00	-26.88	37.24	-18.12	Peak	---	---
4	320.03	19.65	46.00	-26.35	35.29	-15.64	Peak	---	---
5	624.61	23.95	46.00	-22.05	33.22	-9.27	Peak	---	---
6	780.78	26.11	46.00	-19.89	33.18	-7.07	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

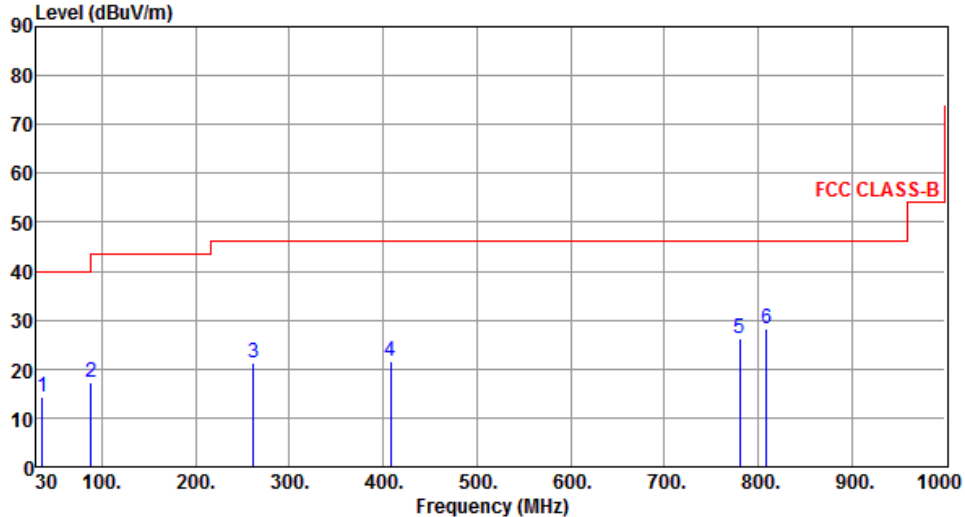
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.2.5 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Cradle mode

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal	Test Configuration	2

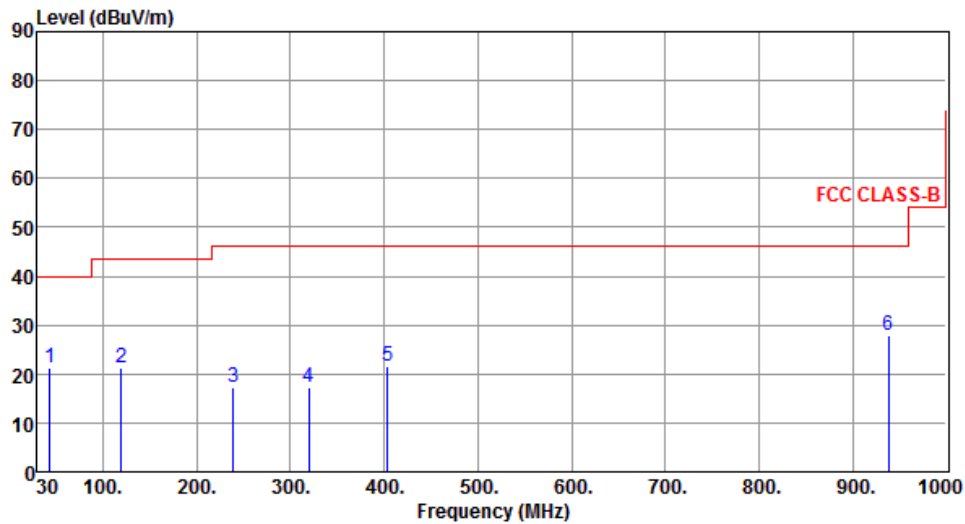


The graph displays the radiated unwanted emissions for a transmitter in Cradle mode. The y-axis represents the Level in dBuV/m, ranging from 0 to 90. The x-axis represents the Frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBuV/m from 30 MHz to 100 MHz, 45 dBuV/m from 100 MHz to 1000 MHz, and 55 dBuV/m from 1000 MHz to 1100 MHz. Six measured peaks are labeled with numbers 1 through 6. The data for these peaks is provided in the table below.

	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	36.79	14.13	40.00	-25.87	31.63	-17.50	Peak	---	---
2	88.20	17.33	43.50	-26.17	40.37	-23.04	Peak	---	---
3	261.83	21.11	46.00	-24.89	38.58	-17.47	Peak	---	---
4	408.30	21.55	46.00	-24.45	35.01	-13.46	Peak	---	---
5	780.78	26.12	46.00	-19.88	33.19	-7.07	Peak	---	---
6	808.91	28.22	46.00	-17.78	34.99	-6.77	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical	Test Configuration	2



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	43.58	21.35	40.00	-18.65	38.25	-16.90	Peak	---	---
2	119.24	21.16	43.50	-22.34	40.93	-19.77	Peak	---	---
3	239.52	17.36	46.00	-28.64	35.48	-18.12	Peak	---	---
4	320.03	17.42	46.00	-28.58	33.06	-15.64	Peak	---	---
5	403.45	21.50	46.00	-24.50	35.08	-13.58	Peak	---	---
6	937.92	28.05	46.00	-17.95	32.92	-4.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

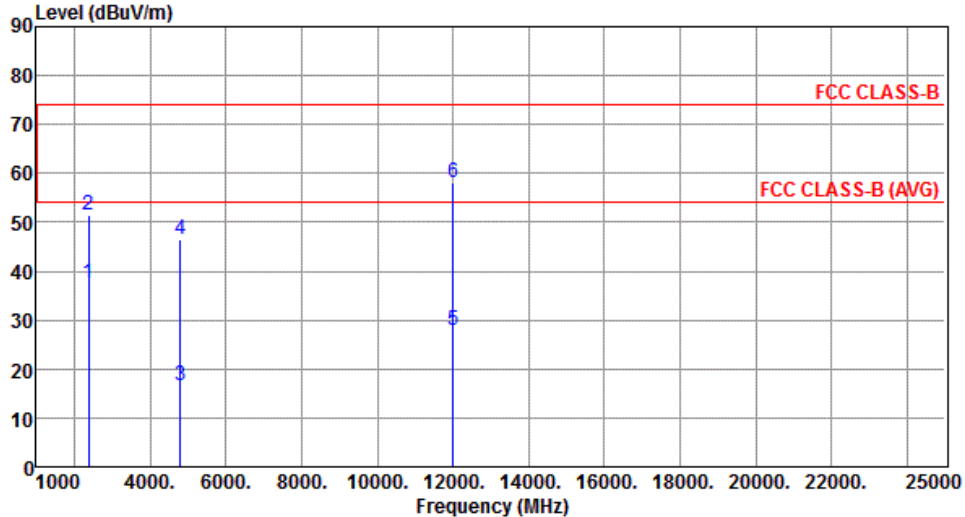
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

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

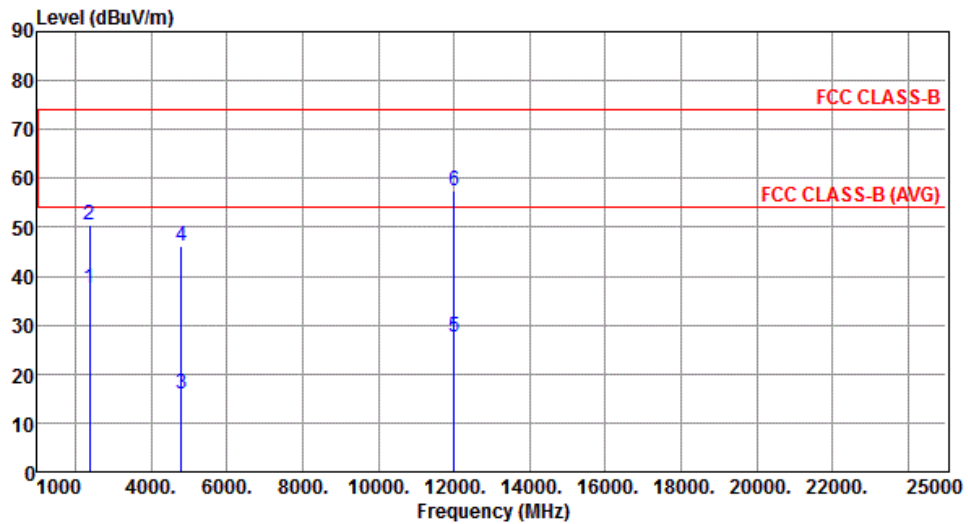
Modulation	GFSK	Test Freq. (MHz)	2402
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.44	54.00	-16.56	40.09	-2.65	Average	---	---
2	2390.00	51.42	74.00	-22.58	54.07	-2.65	Peak	---	---
3	4804.00	16.48	54.00	-37.52	11.55	4.93	Average	---	---
4	4804.00	46.58	74.00	-27.42	41.65	4.93	Peak	---	---
5	12010.00	28.02	54.00	-25.98	12.49	15.53	Average	---	---
6	12010.00	58.12	74.00	-15.88	42.59	15.53	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	GFSK	Test Freq. (MHz)	2402
Polarization	Vertical	Test Configuration	1



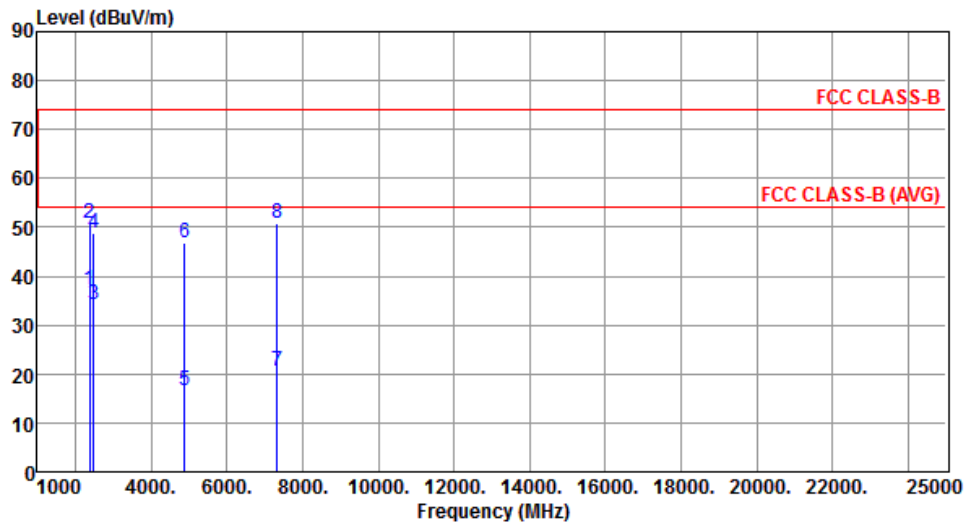
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.54	54.00	-16.46	40.19	-2.65	Average	---	---
2	2390.00	50.59	74.00	-23.41	53.24	-2.65	Peak	---	---
3	4804.00	16.06	54.00	-37.94	11.13	4.93	Average	---	---
4	4804.00	46.16	74.00	-27.84	41.23	4.93	Peak	---	---
5	12010.00	27.41	54.00	-26.59	11.88	15.53	Average	---	---
6	12010.00	57.51	74.00	-16.49	41.98	15.53	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Horizontal	Test Configuration	1



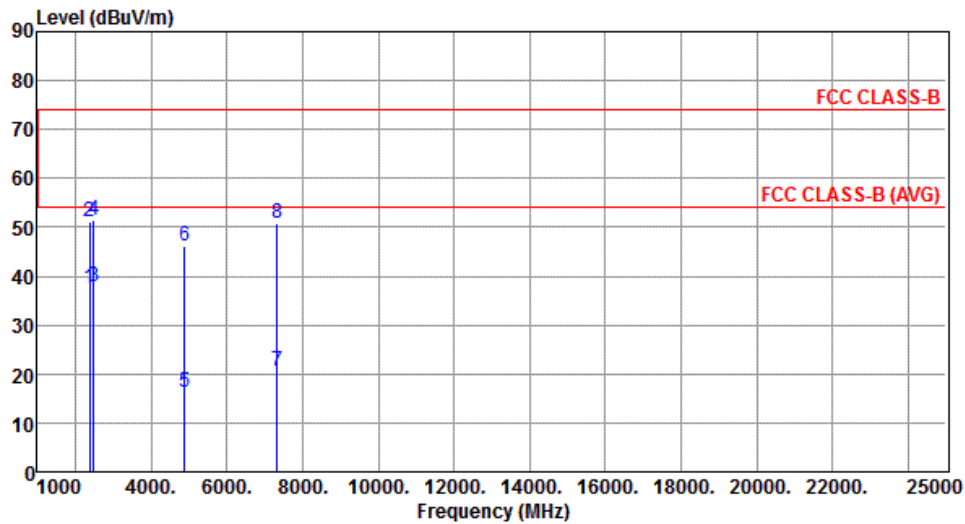
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.36	54.00	-16.64	40.01	-2.65	Average	---	---
2	2390.00	50.79	74.00	-23.21	53.44	-2.65	Peak	---	---
3	2483.50	34.34	54.00	-19.66	36.68	-2.34	Average	---	---
4	2483.50	48.92	74.00	-25.08	51.26	-2.34	Peak	---	---
5	4882.00	16.71	54.00	-37.29	11.60	5.11	Average	---	---
6	4882.00	46.81	74.00	-27.19	41.70	5.11	Peak	---	---
7	7323.00	20.68	54.00	-33.32	10.54	10.14	Average	---	---
8	7323.00	50.78	74.00	-23.22	40.64	10.14	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical	Test Configuration	1



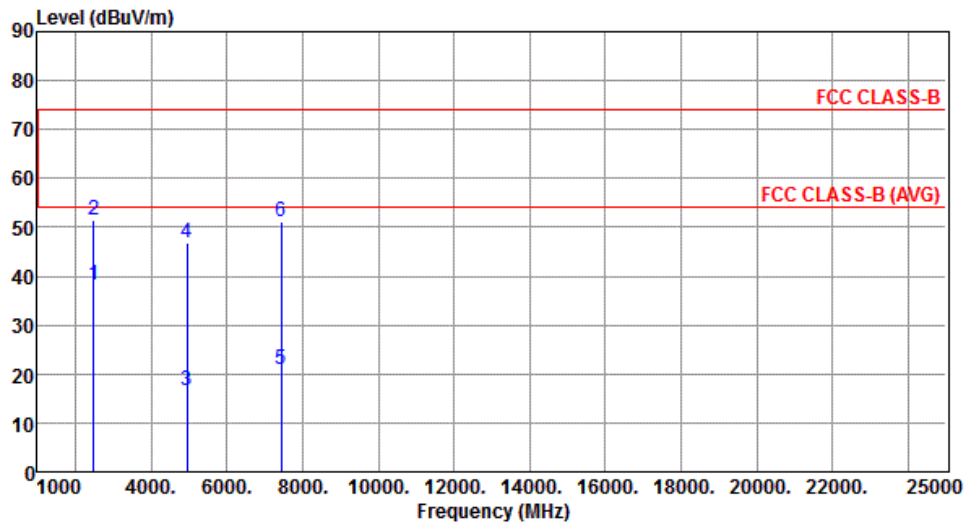
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.61	54.00	-16.39	40.26	-2.65	Average	---	---
2	2390.00	51.19	74.00	-22.81	53.84	-2.65	Peak	---	---
3	2483.50	37.69	54.00	-16.31	40.03	-2.34	Average	---	---
4	2483.50	51.61	74.00	-22.39	53.95	-2.34	Peak	---	---
5	4882.00	16.23	54.00	-37.77	11.12	5.11	Average	---	---
6	4882.00	46.33	74.00	-27.67	41.22	5.11	Peak	---	---
7	7323.00	20.57	54.00	-33.43	10.43	10.14	Average	---	---
8	7323.00	50.67	74.00	-23.33	40.53	10.14	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	GFSK	Test Freq. (MHz)	2480
Polarization	Horizontal	Test Configuration	1



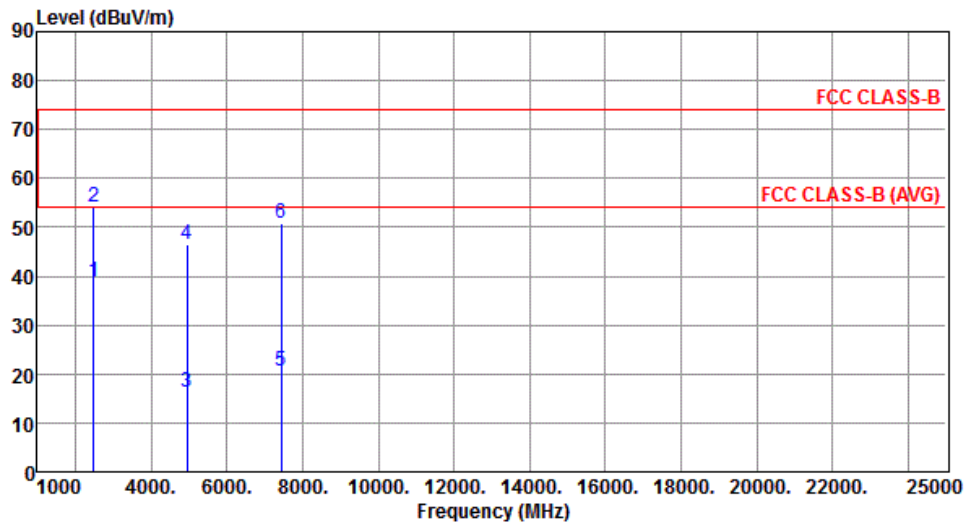
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2483.50	38.34	54.00	-15.66	40.68	-2.34	Average	---	---
2	2483.50	51.58	74.00	-22.42	53.92	-2.34	Peak	---	---
3	4960.00	16.68	54.00	-37.32	11.40	5.28	Average	---	---
4	4960.00	46.78	74.00	-27.22	41.50	5.28	Peak	---	---
5	7440.00	20.89	54.00	-33.11	10.48	10.41	Average	---	---
6	7440.00	50.99	74.00	-23.01	40.58	10.41	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	GFSK	Test Freq. (MHz)	2480
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2483.50	38.99	54.00	-15.01	41.33	-2.34	Average	---	---
2	2483.50	54.02	74.00	-19.98	56.36	-2.34	Peak	---	---
3	4960.00	16.41	54.00	-37.59	11.13	5.28	Average	---	---
4	4960.00	46.51	74.00	-27.49	41.23	5.28	Peak	---	---
5	7440.00	20.74	54.00	-33.26	10.33	10.41	Average	---	---
6	7440.00	50.84	74.00	-23.16	40.43	10.41	Peak	---	---

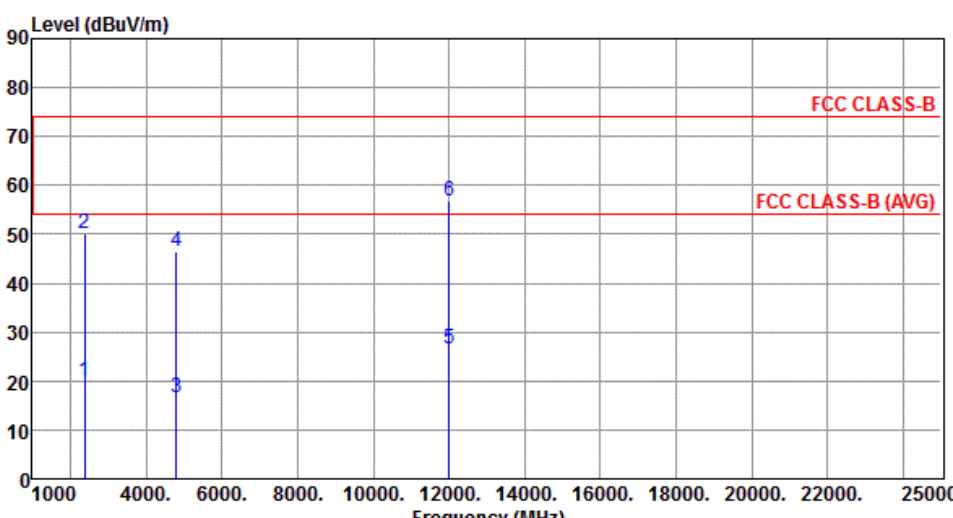
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

3.2.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 8DPSK

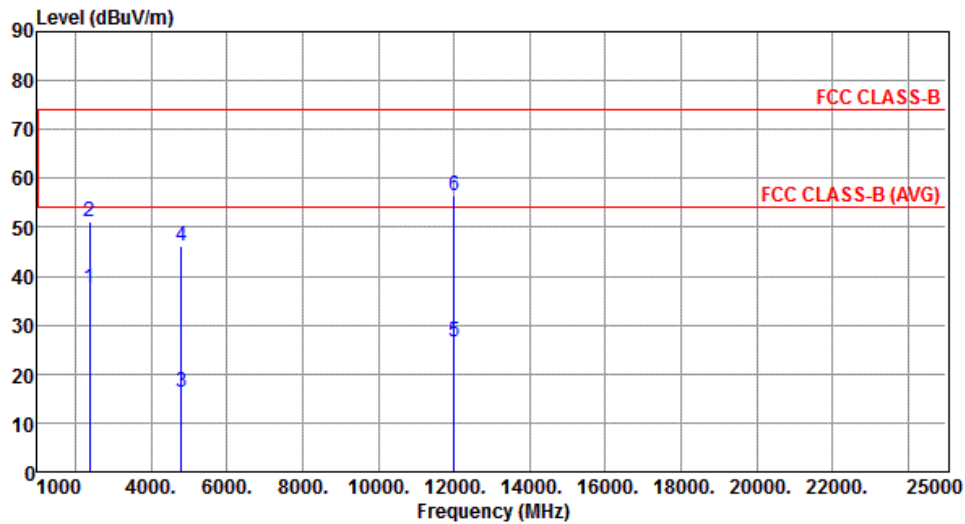
Modulation	8DPSK	Test Freq. (MHz)	2402
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	20.08	54.00	-33.92	22.73	-2.65	Average	---	---
2	2390.00	50.18	74.00	-23.82	52.83	-2.65	Peak	---	---
3	4804.00	16.46	54.00	-37.54	11.53	4.93	Average	---	---
4	4804.00	46.56	74.00	-27.44	41.63	4.93	Peak	---	---
5	12010.00	26.66	54.00	-27.34	11.13	15.53	Average	---	---
6	12010.00	56.76	74.00	-17.24	41.23	15.53	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	8DPSK	Test Freq. (MHz)	2402
Polarization	Vertical	Test Configuration	1



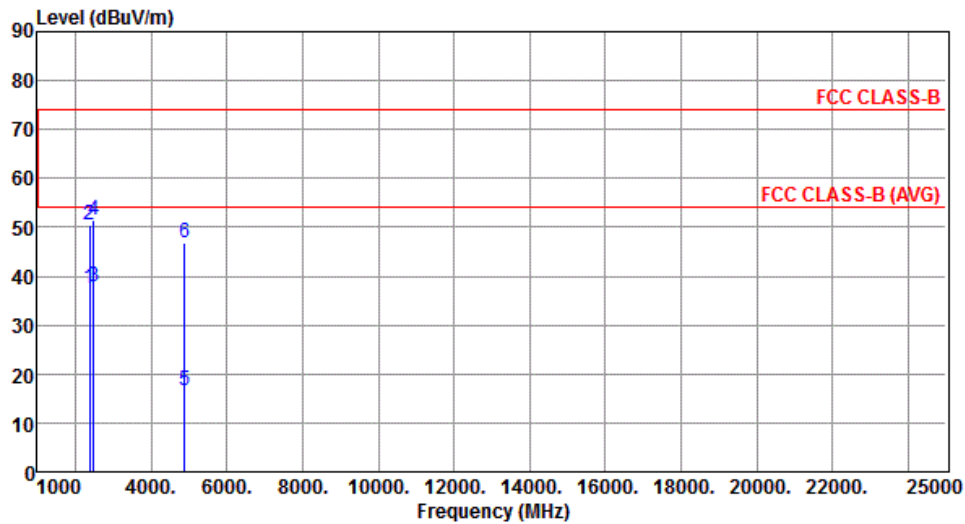
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.48	54.00	-16.52	40.13	-2.65	Average	---	---
2	2390.00	51.01	74.00	-22.99	53.66	-2.65	Peak	---	---
3	4804.00	16.16	54.00	-37.84	11.23	4.93	Average	---	---
4	4804.00	46.26	74.00	-27.74	41.33	4.93	Peak	---	---
5	12010.00	26.49	54.00	-27.51	10.96	15.53	Average	---	---
6	12010.00	56.59	74.00	-17.41	41.06	15.53	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Horizontal	Test Configuration	1



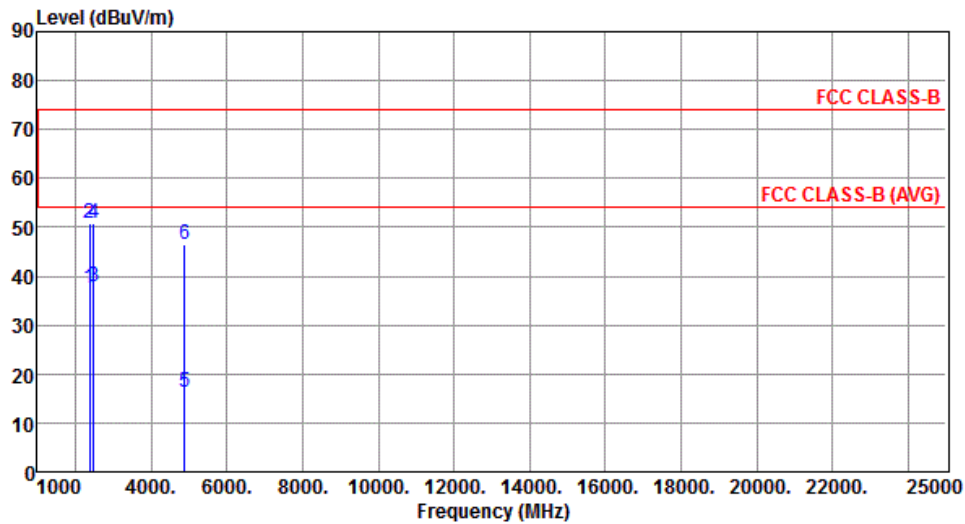
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.54	54.00	-16.46	40.19	-2.65	Average	---	---
2	2390.00	50.64	74.00	-23.36	53.29	-2.65	Peak	---	---
3	2483.50	37.72	54.00	-16.28	40.06	-2.34	Average	---	---
4	2483.50	51.41	74.00	-22.59	53.75	-2.34	Peak	---	---
5	4882.00	16.67	54.00	-37.33	11.56	5.11	Average	---	---
6	4882.00	46.77	74.00	-27.23	41.66	5.11	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical	Test Configuration	1



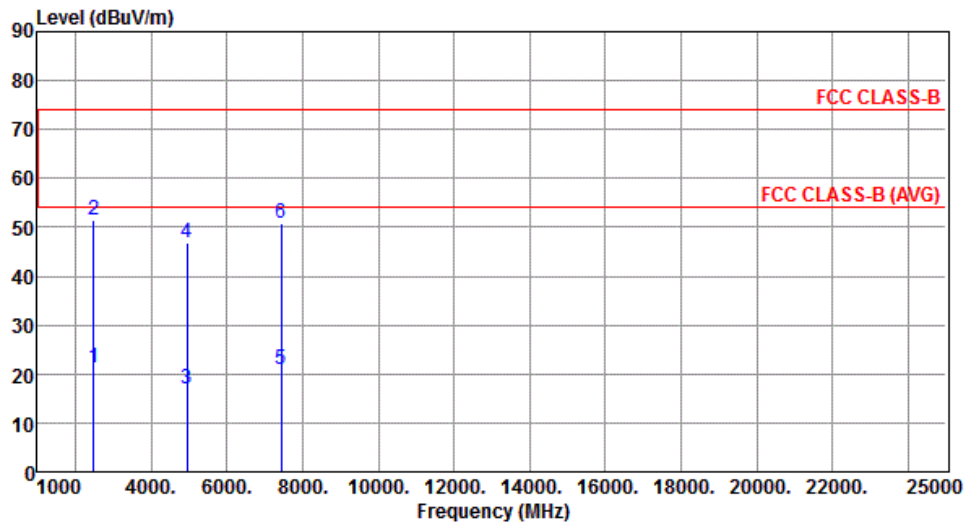
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	37.47	54.00	-16.53	40.12	-2.65	Average	---	---
2	2390.00	50.76	74.00	-23.24	53.41	-2.65	Peak	---	---
3	2483.50	37.75	54.00	-16.25	40.09	-2.34	Average	---	---
4	2483.50	50.86	74.00	-23.14	53.20	-2.34	Peak	---	---
5	4882.00	16.37	54.00	-37.63	11.26	5.11	Average	---	---
6	4882.00	46.47	74.00	-27.53	41.36	5.11	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal	Test Configuration	1



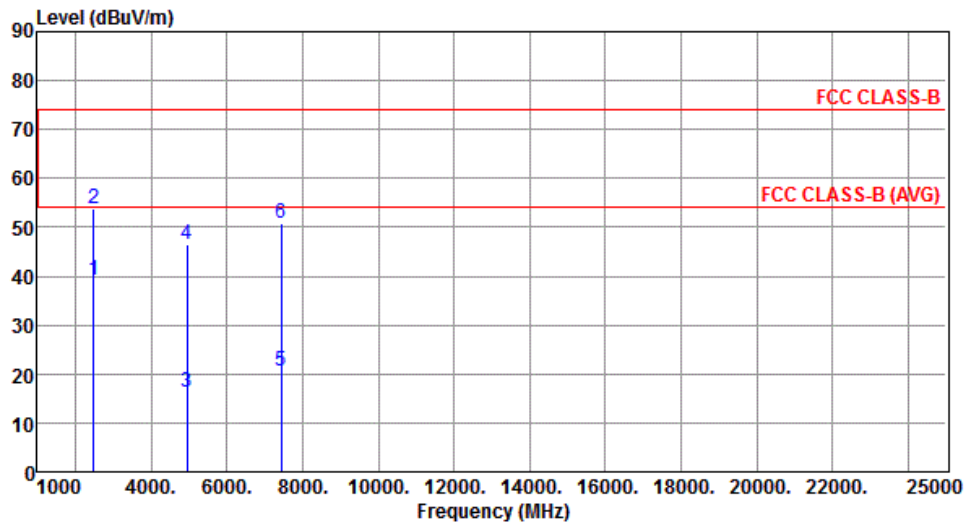
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2483.50	21.29	54.00	-32.71	23.63	-2.34	Average	---	---
2	2483.50	51.39	74.00	-22.61	53.73	-2.34	Peak	---	---
3	4960.00	16.81	54.00	-37.19	11.53	5.28	Average	---	---
4	4960.00	46.91	74.00	-27.09	41.63	5.28	Peak	---	---
5	7440.00	20.83	54.00	-33.17	10.42	10.41	Average	---	---
6	7440.00	50.93	74.00	-23.07	40.52	10.41	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2483.50	39.04	54.00	-14.96	41.38	-2.34	Average	---	---
2	2483.50	53.77	74.00	-20.23	56.11	-2.34	Peak	---	---
3	4960.00	16.35	54.00	-37.65	11.07	5.28	Average	---	---
4	4960.00	46.45	74.00	-27.55	41.17	5.28	Peak	---	---
5	7440.00	20.64	54.00	-33.36	10.23	10.41	Average	---	---
6	7440.00	50.74	74.00	-23.26	40.33	10.41	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

3.3 Unwanted Emissions into Non-Restricted Frequency Bands

3.3.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

The peak output power measured 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.

3.3.2 Test Procedures

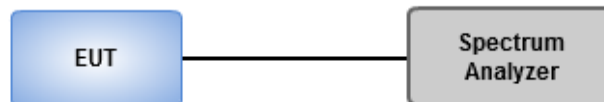
Reference Level Measurement

1. Set the RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Set Sweep time = auto couple, Trace mode = max hold.
3. Allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

Unwanted Emissions Level Measurement

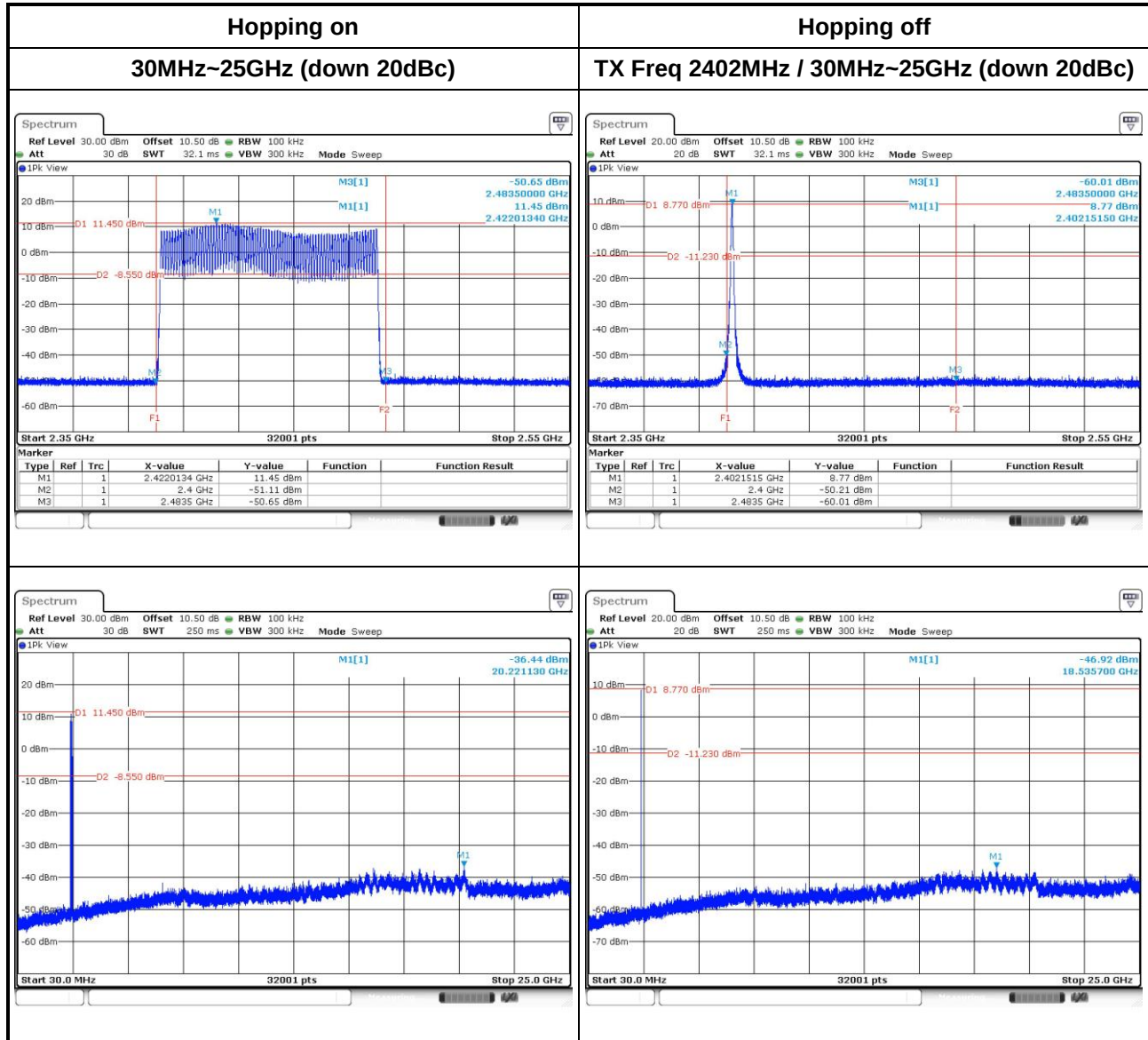
1. Set RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Trace Mode = max hold, Sweep = auto couple.
3. Allow the trace to stabilize.
4. Use peak marker function to determine maximum amplitude of all unwanted emissions within any 100 kHz bandwidth.

3.3.3 Test Setup



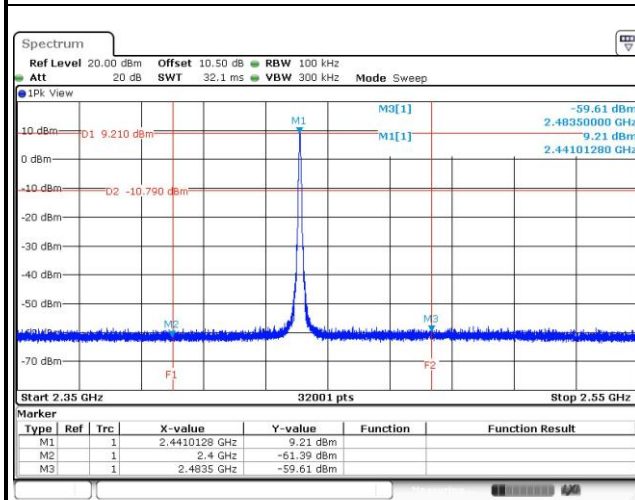
3.3.4 Unwanted Emissions into Non-Restricted Frequency Bands

GFSK



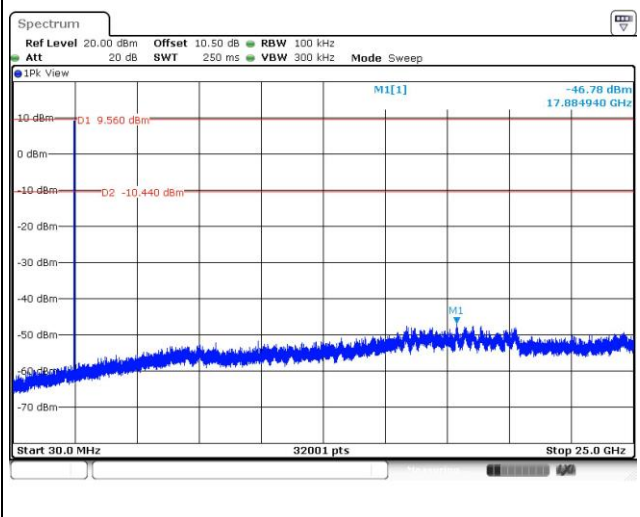
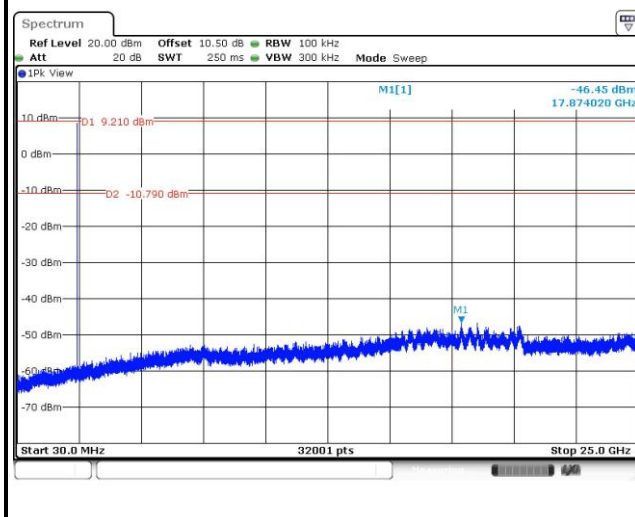
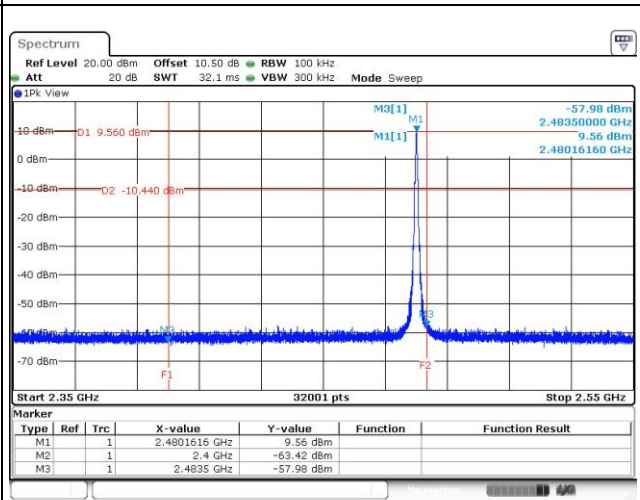
Hopping off

TX Freq 2441MHz / 30MHz~25GHz (down 20dBc)

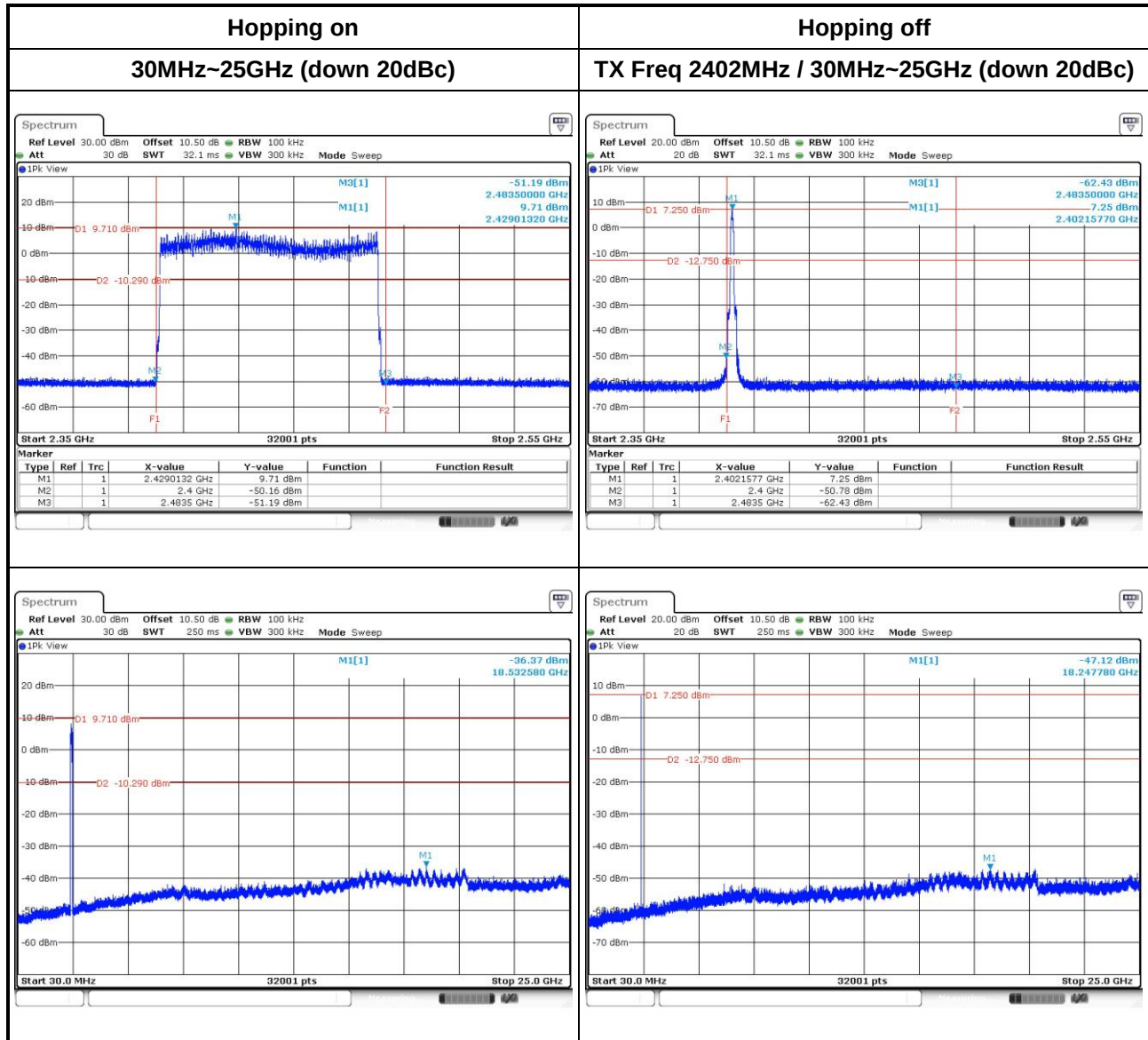


Hopping off

TX Freq 2480MHz / 30MHz~25GHz (down 20dBc)

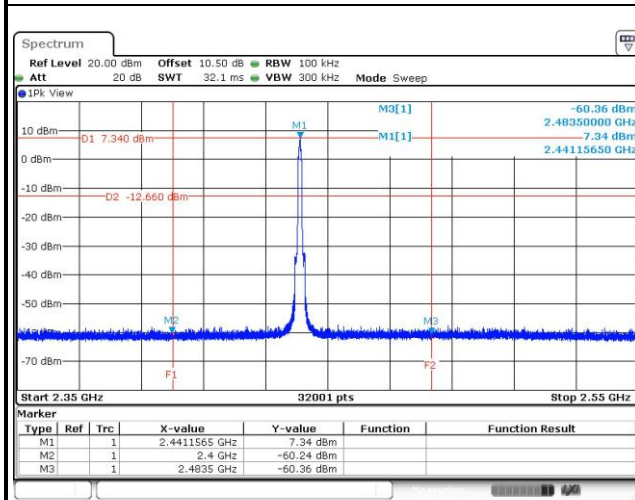


8DPSK



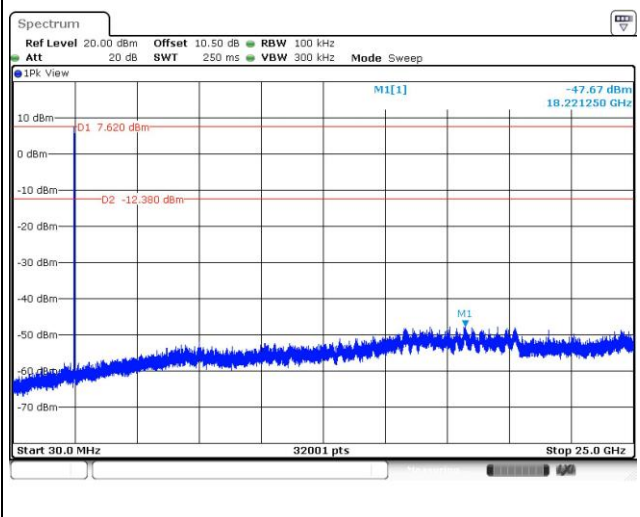
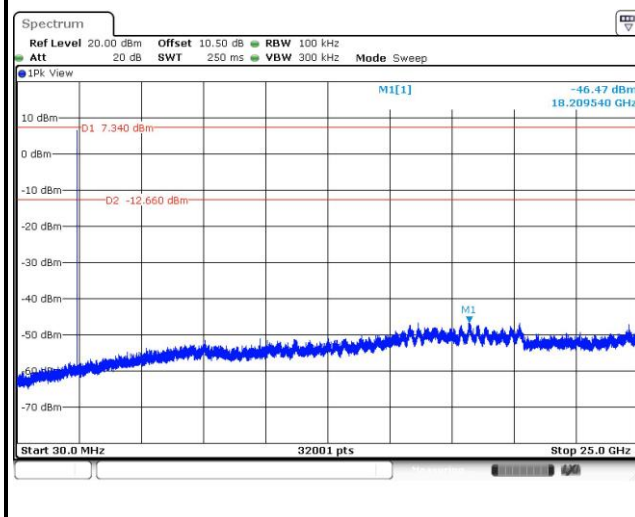
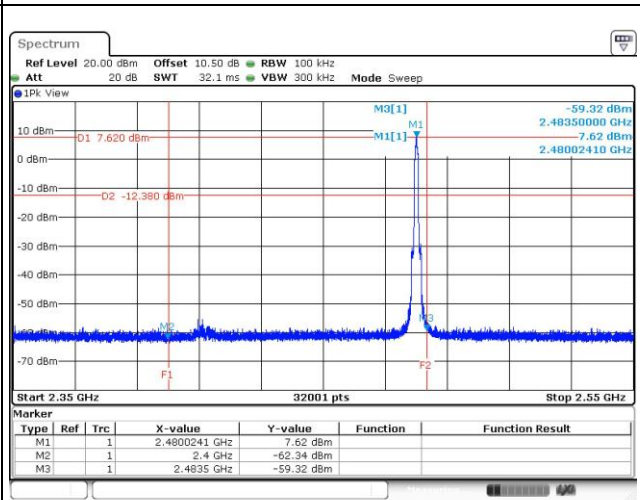
Hopping off

TX Freq 2441MHz / 30MHz~25GHz (down 20dBc)



Hopping off

TX Freq 2480MHz / 30MHz~25GHz (down 20dBc)



3.4 Conducted Output Power

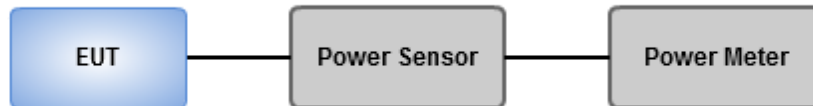
3.4.1 Limit of Conducted Output Power

- ☐ 1 Watt
For frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band.
- ☒ 0.125 Watt
For all other frequency hopping systems in the 2400–2483.5 MHz band.
- ☐ 0.125 Watt
For Frequency hopping systems operating in the 2400–2483.5 MHz band have hopping channel carrier frequencies that are separated by two-thirds of the 20 dB bandwidth of the hopping channel.

3.4.2 Test Procedures

1. A wideband power meter is used for power measurement. Bandwidth of power sensor and meter is 50MHz
2. 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

3.4.3 Test Setup



3.4.4 Test Result of Conducted Output Power

Modulation Mode	Freq. (MHz)	Output Power (mW)	Output Power (dBm)	Limit (mW)
GFSK	2402	8.63	9.36	125
GFSK	2441	9.66	9.85	125
GFSK	2480	10.19	10.08	125
π/4 DQPSK	2402	9.91	9.96	125
π/4 DQPSK	2441	10.94	10.39	125
π/4 DQPSK	2480	12.22	10.87	125
8DPSK	2402	10.42	10.18	125
8DPSK	2441	11.38	10.56	125
8DPSK	2480	12.45	10.95	125

Modulation Mode	Freq. (MHz)	AV Output Power (mW)	AV Output Power (dBm)
GFSK	2402	8.41	9.25
GFSK	2441	9.35	9.71
GFSK	2480	9.79	9.91
π/4 DQPSK	2402	5.97	7.76
π/4 DQPSK	2441	6.52	8.14
π/4 DQPSK	2480	7.06	8.49
8DPSK	2402	5.92	7.72
8DPSK	2441	6.52	8.14
8DPSK	2480	7.19	8.57

Note: Average power is for reference only.

3.5 Number of Hopping Frequency

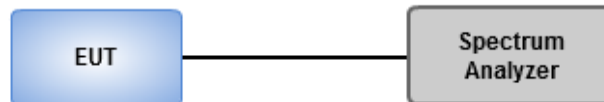
3.5.1 Limit of Number of Hopping Frequency

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

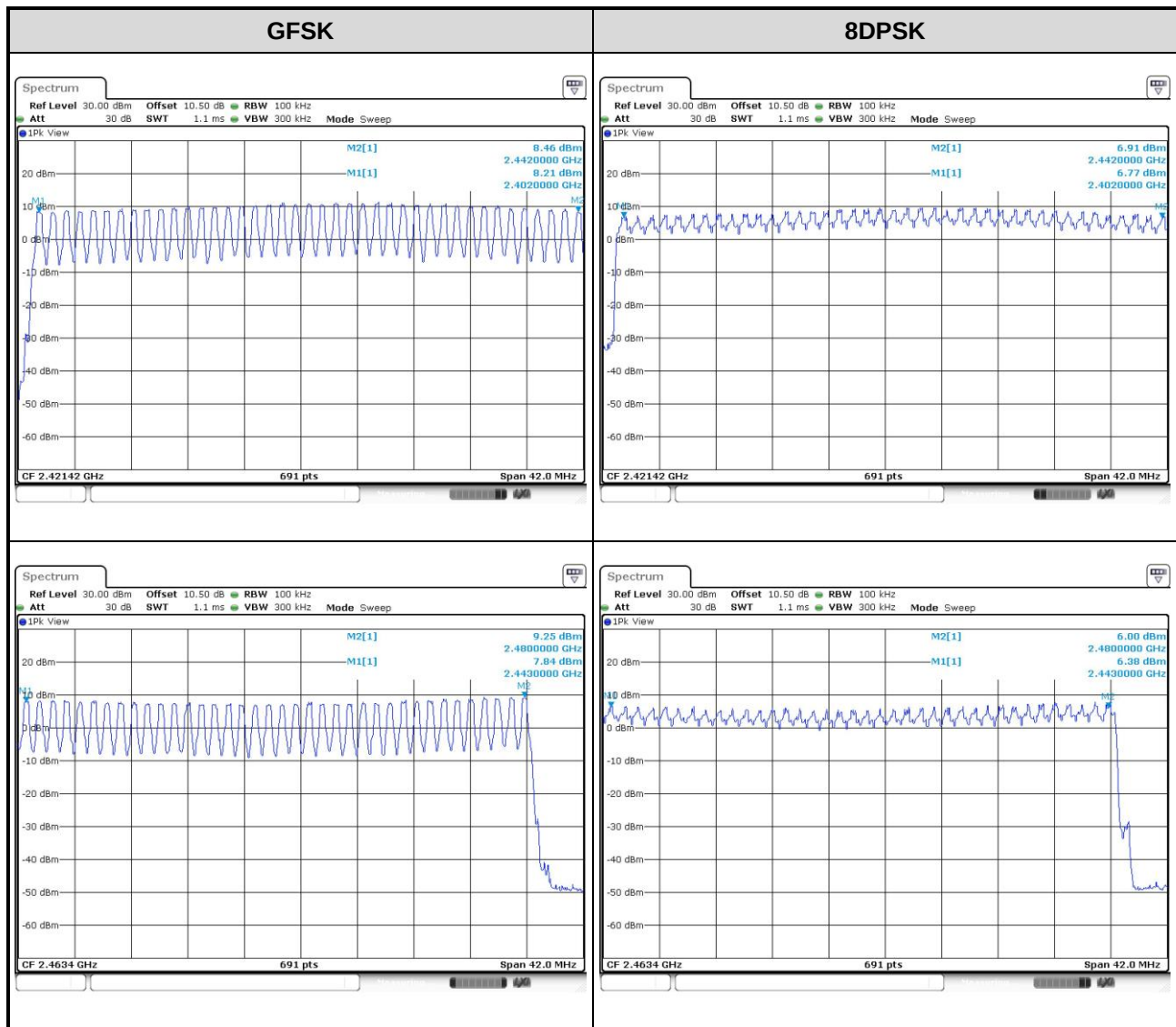
3.5.2 Test Procedures

1. Set RBW = 100kHz, VBW = 300kHz, Sweep time = Auto, Detector = Peak Trace max hold.
2. Allow trace to stabilize.

3.5.3 Test Setup



3.5.4 Test Result of Number of Hopping Frequency



3.6 20dB and Occupied Bandwidth

3.6.1 Test Procedures

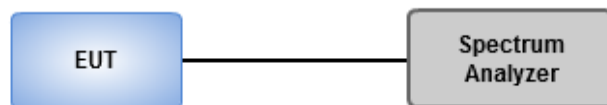
20dB Bandwidth

1. Set RBW=30kHz, VBW=100kHz, Sweep time = Auto, Detector=Peak, Trace max hold
2. Allow trace to stabilize
3. 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 20 dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

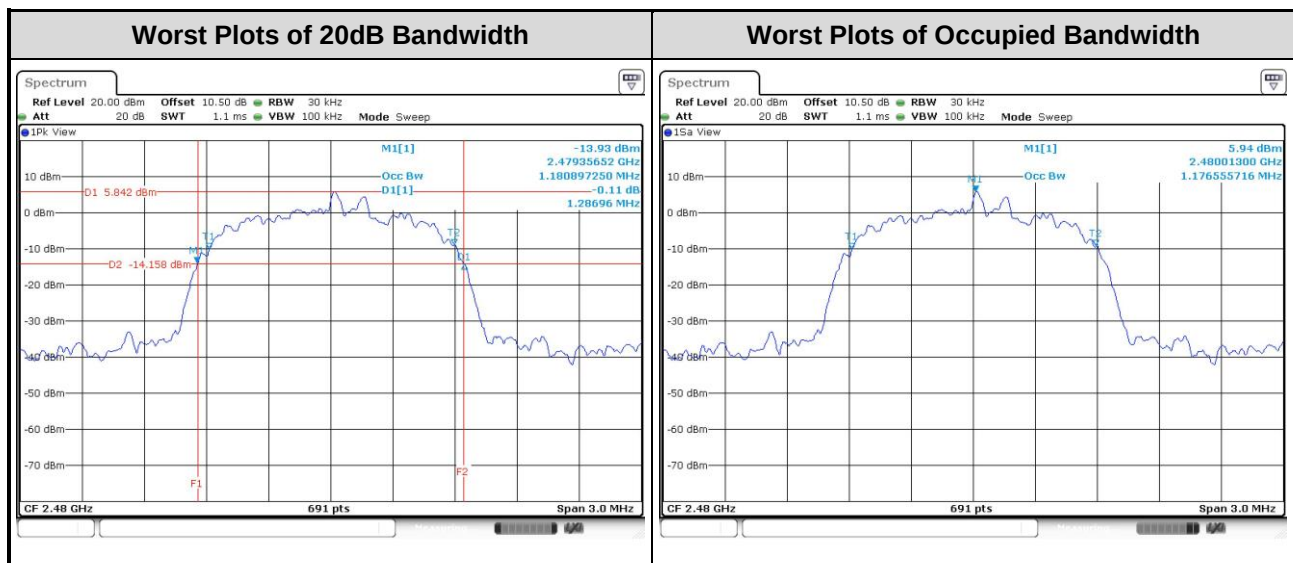
1. Set RBW=30kHz, VBW=100kHz, Sweep time = Auto, Detector=Sample, Trace max hold
2. Allow trace to stabilize
3. Use Occupied bandwidth function of spectrum analyzer to measuring 99% occupied bandwidth

3.6.2 Test Setup



3.6.3 Test result of 20dB and Occupied Bandwidth

Modulation Mode	Freq. (MHz)	20dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
GFSK	2402	0.952	0.912
GFSK	2441	0.974	0.912
GFSK	2480	0.957	0.903
8DPSK	2402	1.283	1.177
8DPSK	2441	1.287	1.177
8DPSK	2480	1.287	1.177



3.7 Channel Separation

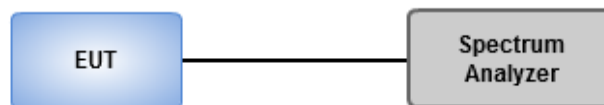
3.7.1 Limit of Channel Separation

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

3.7.2 Test Procedures

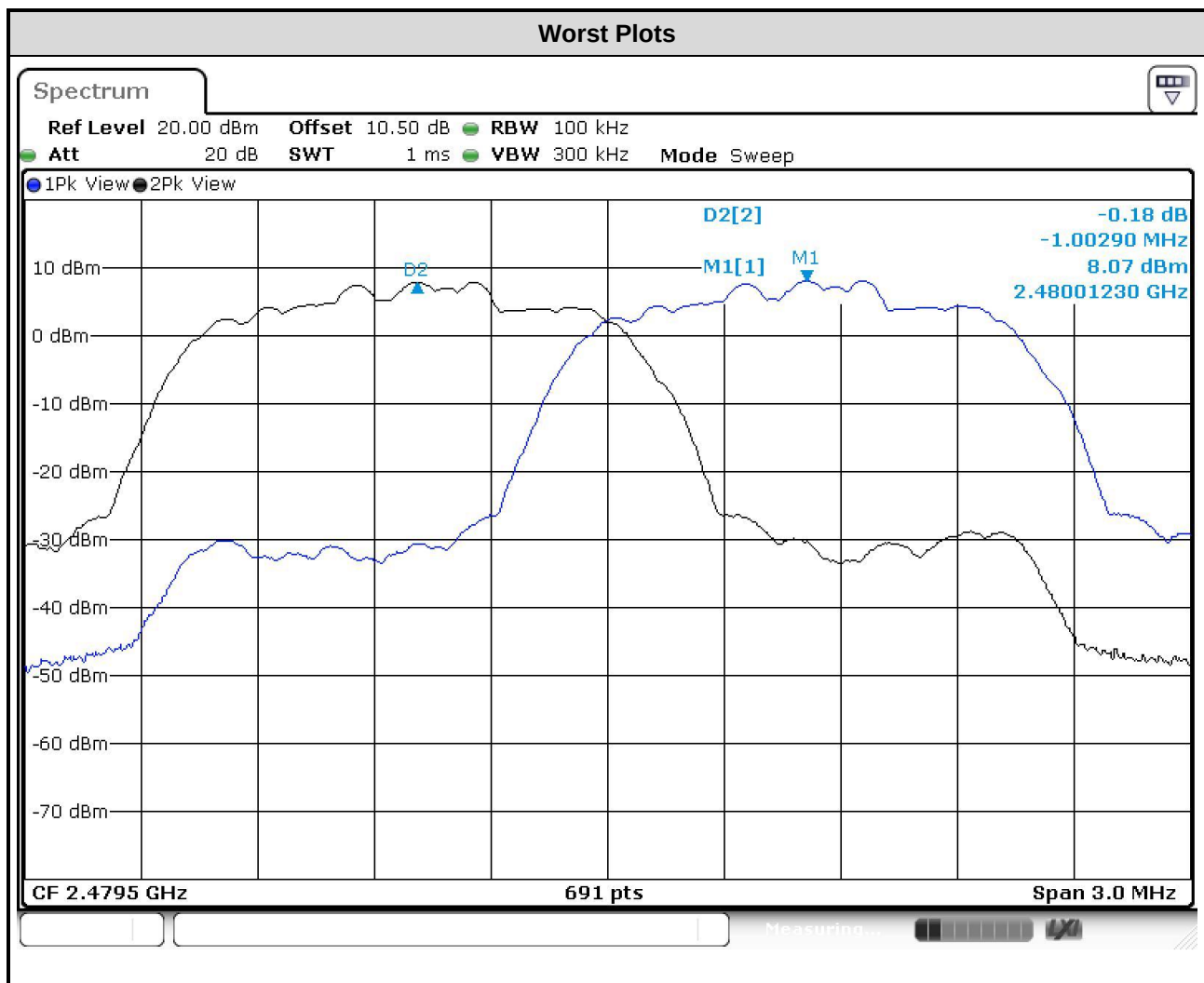
1. Set RBW=100kHz, VBW=300kHz, Sweep time = Auto, Detector=Peak Trace max hold
2. Allow trace to stabilize
3. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The EUT shall show compliance with the appropriate regulatory limit

3.7.3 Test Setup



3.7.4 Test result of Channel Separation

Modulation Mode	Freq. (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Minimum Limit (MHz)
GFSK	2402	1.003	0.952	0.635
GFSK	2441	1.003	0.974	0.649
GFSK	2480	1.003	0.957	0.638
8DPSK	2402	1.003	1.283	0.855
8DPSK	2441	1.003	1.287	0.858
8DPSK	2480	1.003	1.287	0.858



3.8 Number of Dwell Time

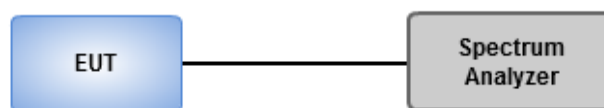
3.8.1 Limit of Dwell time

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.

3.8.2 Test Procedures

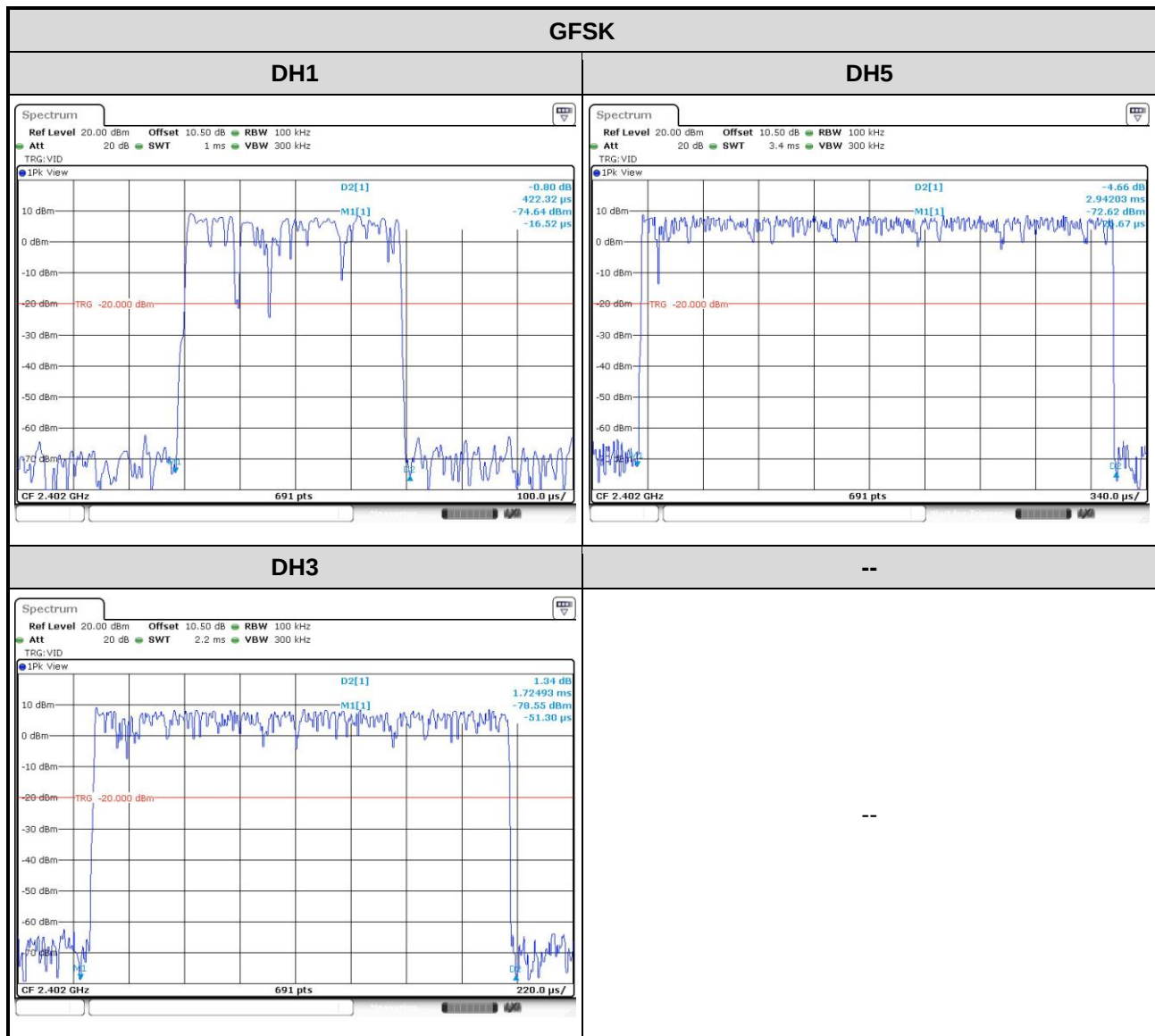
1. Set RBW=100kHz,VBW=300kHz,Sweep time = 500us(DH1),2ms(DH3),4ms(DH5), Detector=Peak, Span=0Hz,Trace max hold
2. Enable gating and trigger function of spectrum analyzer to measure burst on time.
3. The DH1 packet can cover a single time slot. A maximum length packet has duration of 1 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is 1/1600 seconds, or 0.625ms. DH1 Packet permit maximum $1600 / 79 / 2 = 10.12$ hops per second in each channel (1 time slot TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $10.12 \times 31.6 = 320$ within 31.6 seconds.
4. The DH3 packet can cover up to 3 time slots. A maximum length packet has duration of 3 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is 3/1600 seconds, or 1.875ms. DH3 Packet permit maximum $1600 / 79 / 4 = 5.06$ hops per second in each channel (3 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $5.06 \times 31.6 = 160$ within 31.6 seconds.
5. The DH5 packet can cover up to 5 time slots. Operate DH5 at maximum dwell time and maximum duty cycle. A maximum length packet has duration of 5 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is 5/1600 seconds, or 3.125ms. DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel (5 time slots TX, 1 time slot RX). So, the dwell time is the time duration of the pulse times $3.37 \times 31.6 = 106.6$ within 31.6 seconds

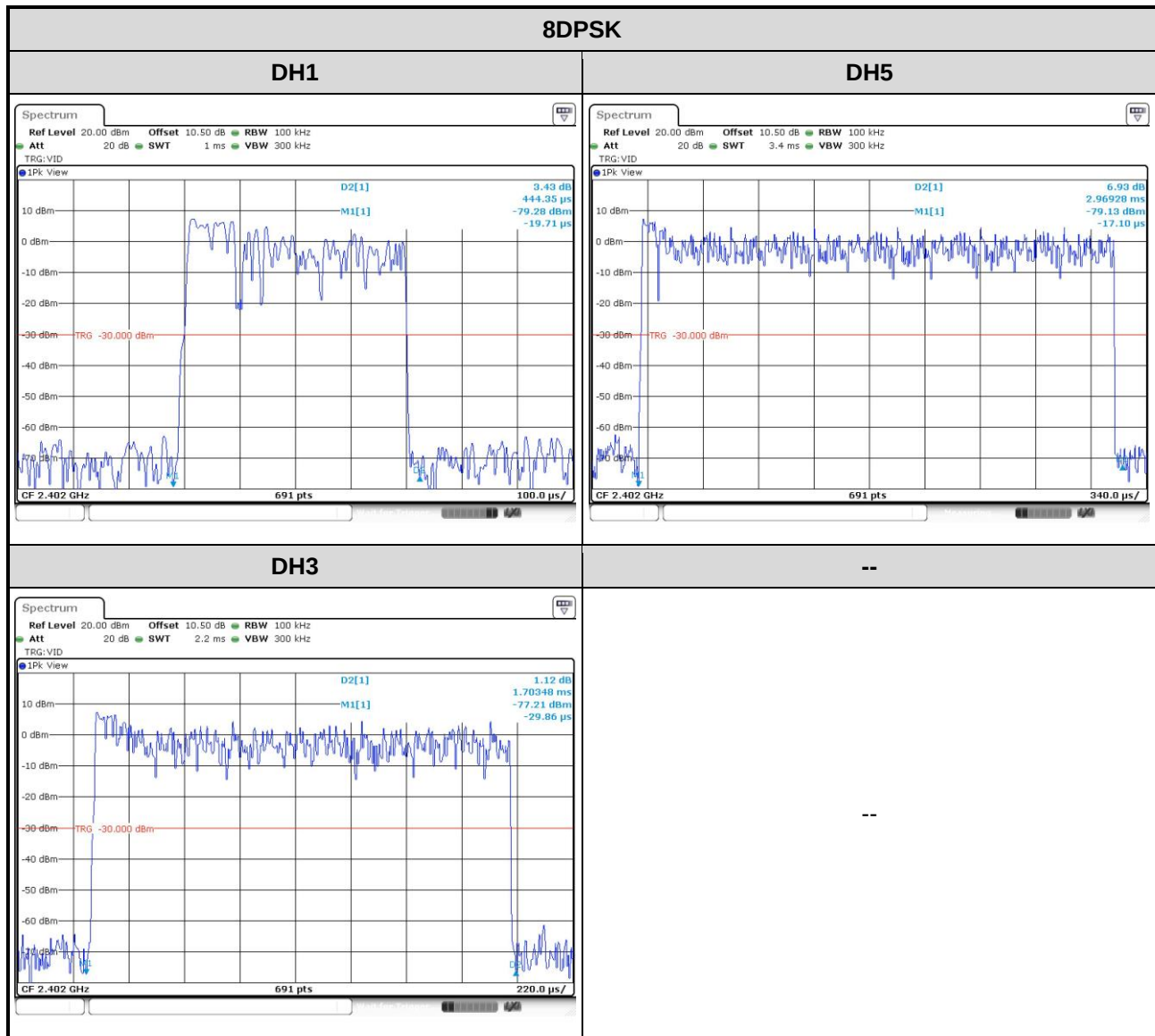
3.8.3 Test Setup



3.8.4 Test Result of Dwell Time

Modulation Mode	Freq. (MHz)	Length of Transmission Time (msec)	Number of Transmission in a 31.6 (79 Hopping*0.4)	Result (s)	Limit (s)
GFSK-DH1	2402	0.42232	320	0.135	0.4
GFSK-DH3	2402	1.72493	160	0.276	0.4
GFSK-DH5	2402	2.94203	106.6	0.314	0.4
8DPSK-DH1	2402	0.44435	320	0.142	0.4
8DPSK-DH3	2402	1.70348	160	0.273	0.4
8DPSK-DH5	2402	2.96928	106.6	0.317	0.4





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, 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 Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

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

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==END==