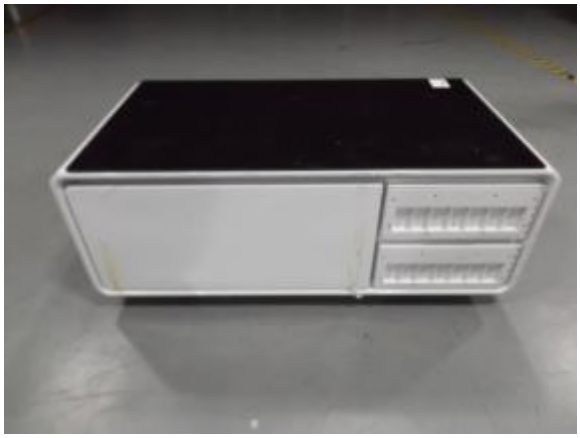
Prüfbericht-Nr.: *Test Report No.:*	CN22BHKC 001	**Auftrags-Nr.:** *Order No.:*	170304119	**Seite 1 von 30** *Page 1 of 30*
Kunden-Referenz-Nr.: *Client Reference No.:*	440253	**Auftragsdatum:** *Order date.:*	23 Mar, 2022	
Auftraggeber: *Client:*	Dongguan Alllike Electronics Co., Ltd. Chuancha Development Zone, Machong Town 523141 P.R. China			
Prüfgegenstand: *Test item:*	Multifunctional Integrated Table Refrigerator			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	SOCTB300XXXXXX (Variable X can be “A“ to “Z“ or “0“ to “9“ or blank)			
Auftrags-Inhalt: *Order content:*	TUV Rheinland - EMC service			
Prüfgrundlage: *Test specification:*	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB Publication 447498 D01 v06		RSS-247 Issue 2 February 2017 RSS-Gen Issue 5 November 2018 RSS-102 Issue 5 March 2015	

Wareneingangsdatum: *Date of receipt:*	23 Mar, 2017
Prüfmuster-Nr.: *Test sample No.:*	A003235750-001
Prüfzeitraum: *Testing period:*	Refer to the test report
Ort der Prüfung: *Place of testing:*	Refer to section 2.1
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Guangdong) Ltd.
Prüfergebnis*: *Test result*:*	Pass



überprüft von:
reviewed by:

Datum: 2022.04.29
Date:

Storm Shu

Stellung/*Position:* Storm Shu/Project Manager

Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*

genehmigt von:
authorized by:

Datum: 2022.04.29
Date:

Amy Wang

Stellung/*Position:* Amy Wang/Reviewer

Datum *Date*	Name/Stellung *Name/Position*	Unterschrift *Signature*

Sonstiges / *Other:*

FCC ID: BUQ-SOCTB300B

IC: 11059A-SOCTB300B HVIN: SOCTB300B

Zustand des Prüfgegenstandes bei Anlieferung: Prüfmuster vollständig und unbeschädigt
Condition of the test item at delivery: Test item complete and undamaged

* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhalt N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specifications(s)	2 = good	3 = satisfactory F(ail) = failed a.m. test specifications(s)	4 = sufficient N/A = not applicable	5 = poor N/T = not tested

Test Summary

5.1.1 ANTENNA REQUIREMENT
RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER
RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY
RESULT: Pass

5.1.4 6DB BANDWIDTH
RESULT: Pass

5.1.5 99% BANDWIDTH
RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHZ BANDWIDTH
RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION
RESULT: Pass

5.1.8 20DB BANDWIDTH
RESULT: Pass

5.1.9 CARRIER FREQUENCY SEPARATION
RESULT: Pass

5.1.10 NUMBER OF HOPPING FREQUENCY
RESULT: Pass

5.1.11 TIME OF OCCUPANCY
RESULT: Pass

5.1.12 CONDUCTED EMISSIONS
RESULT: Passed

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Pass

Contents

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test Results of BLE

Appendix 2: Test Results of General Bluetooth

Appendix 3: Test setup

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory
No.102, 1F of Southwest and No.205, 2F of West Warehouse Building, No.767 Tianyuan Road, Tianhe District, Guangzhou, Guangdong, P.R. China

FCC Designation No.: CN1207
CAB Identifier: CN0018

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Until	Calibratino Interval
Radio Spectrum Testing					
Spectrum Analyzer	Rohde & Schwarz	FSP30	100286	2022-08-16	1 Year
Spurious Emission					
EMI Test Receiver	Rohde&Schwarz	ESCI 3	100314	2023-03-14	1 Year
Two-Line V-Network	Rohde&Schwarz	ENV216	100195	2022-06-01	1 Year
EMI Test Receiver	Rohde&Schwarz	ESR7	102110	2023-03-14	1 Year
Artificial Mains Network	AFJ	LT32C/10	32031810253	2022-07-30	1 Year
Impedance Stabilization Network	TESTQ	ISN T8-Cat6	39916	2023-03-14	1 Year
Artificial Mains Network	Rohde&Schwarz	ESH2-Z5	100114	2023-03-14	1 Year
EMI Test Receiver	Rohde & Schwarz	ESU 26	100209	2023-03-14	1 Year
Spectrum Analyzer	Rohde & Schwarz	FSP30	100286	2022-08-16	1 Year
Trilog-Broadband Antenna	Schwarzbeckmess-elektronik	VULB9168	684	2022-08-21	1 Year
Double-Ridged Horn Antenna	Rohde & Schwarz	HF907	100377	2022-10-20	1 Year
Horn Antenna	EMCO	3160-09	21642	2023-01-19	1 Year
Pre-Amplifier(1-18GHz)	MITEQ	AFS44-00101800-25-10P-44	1934457	2022-05-28	1 Year
Pre-Amplifier(18-26GHz)	MITEQ	AFS33-18002650-30-8P-44	1108282	2022-07-30	1 Year
Band Reject Filter	Micro-Tronics	BRM50702	023	2022-07-04	1 Year
Highpass Filter	Micro-Tronics	HPM50115-03	001	2023-03-19	1 Year
Test software	Rohde&Schwarz	EMC32	V9.25	/	/

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Item		**Extended Uncertainty**
Conducted Emission		± 2.68 dB
Radiated Emission (9kHz-30MHz)	Field strength (dBμV/m)	U=3.08dB, k=2, σ=95%
Radiated Emission (30-1000MHz)	Field strength (dBμV/m)	U=5.16dB, k=2, σ=95%
Radiated Emission (above 1000MHz)	Field strength (dBμV/m)	U=3.08dB, k=2, σ=95%
Radio Spectrum		± 0.60 dB

2.6 Sample Calculations

Calculation of test results for conducted emission measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2100	24.61	20.35	44.96	63.21	-18.25	QP
2	0.2100	4.92	20.35	25.27	53.21	-27.94	AVG

Frequency (MHz) = Emission frequency in MHz
Correct Factor = Insertion loss + Cable loss
Margin = Result (Result = Reading + Correct Factor) – Limit
Detector: QP= Quasi-Peak; AVG= Average
e.g.:
44.96dBuV (Result) = 24.61dBuV (Reading) + 20.35dB (Correct Factor)
-18.25dB (Margin) = 44.96dBuV (Result) – 63.21dBuV (Limit)

2.7 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix 1&2 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) file for certification follow-up purposes.

2.8 Status of Facility Used for Testing

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory
No.102, 1F of Southwest and No.205, 2F of West Warehouse Building, No.767 Tianyuan Road, Tianhe District, Guangzhou, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The submitted sample SOCTB300XXXXXX is Multifunctional Integrated Table Refrigerator for household use. They can be used in following electromagnetic environment: residential, commercial and light industrial, urban outdoors. They are the apparatus intended for floor standing.

SOCTB300XXXXXX
1) The first and second
2) The third and fourth“ XX ”denotes the table glass COLOR ;
3) The last two“ XX ”denotes table version,
e.g. Selling Country/Market, different packaging or the special code and so on.
*** ALL “ XXXXXX ”can be changed to any alphabets from“ A ”to “ Z ”, or any Numbers from“ 0 ” to “ 9 ”, or with BLANKS marks directly if unnecessary.

According to the above information, full tests were performed on model **SOCTB300WHBK.**

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Multifunctional Integrated Table Refrigerator
Type Designation	SOCTB300XXXXXX
FCC ID	BUQ-SOCTB300B
ISED	11059A-SOCTB300B
HVIN	SOCTB300B
Operating Temperature Range	-10ºC to +40ºC
Operating Voltage	100~240Vac, 50/60Hz;
Testing Voltage	AC 120V/60HZ
Technical Specification of Bluetooth 5.0 (Dual mode)	
Operating Frequency	2402 - 2480 MHz
Type of Modulation	GFSK, π/4DQPSK, 8-DPSK GFSK
Channel Number	79 channels 40 channels
Channel Separation	1MHz 2MHz
Wireless Technology	Bluetooth 5.0 (Dual mode)
Antenna Type	PCB Antenna
Antenna Gain	0.0 dBi (Declation by manufacturer)

Table 3: RF Channel and Frequency of General Bluetooth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	**2402.00**	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	**78**	**2480.00**
19	2421.00	**39**	**2441.00**	59	2461.00	/	/

Table 4: RF Channel and Frequency of Bluetooth Low Energy

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	**2402.00**	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00
06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	**19**	**2440.00**	29	2460.00	**39**	**2480.00**

Table 5: Frequency Hopping Information

Technical Specification	Description
Hopping Range	Hereby we declare that the frequency range of this device is: 2402-2480MHz. This is according the Bluetooth Core Specification V5.0 (dual mode) for devices which will be operated in the USA. This was checked during the Bluetooth Qualification tests (Test Case: TRM/CA/04-E).
Hopping Sequence	Example of a 79 hopping sequence in data mode: 33,04,21,44,23,42,53,46,55,48,40,59,72,29,76,31,08,73, 07,75,09,45,60,39,58,13,47,11,77,52,35,50,65,54,67,56, 69,62,71,64, 7,25,27,66,57,70,74,61,78,63,10,41,05,43, 15,44,64,68,02,70,06,01,51,03,55,05,03,66,53,49,36,47,
Receiver input bandwidth	The input bandwidth of the receiver is 1MHz. In every connection one Bluetooth device is the master and the other one is the slave. The master determines the hopping sequence. The slave follows this sequence. Both devices shift between RX and TX time slot according to the clock of the master. Additionally the type of connection is set up at the beginning of the connection. The master adapts its hopping frequency and its TX/RX timing according to the packet type of the connection. Also the slave of the connection will use these settings. Repeating of a packer has no influence on the hopping sequence. The hopping sequence generated by the master of the connection will be followed in any case. That means a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.

3.3 Independent Operation Modes

The basic operation modes are:

A. On, General Bluetooth transmitting mode
    1. Low channel
    2. Middle channel
    3. High channel
B. On, BLE transmitting mode
    1. Low channel
    2. Middle channel
    3. High channel
C. On, Normal operation with Bluetooth mode
D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- FCC/IC Label and Location Info
- Model Difference Letter
- Operation Description
- Photo Document
- Schematics
- User Manual

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013 and ANSI C63.4: 2014

According to clause 3.1, all tests were performed on model SOCTB300WHBK in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	IBM	2366(T30)	99-BLMAW 03/03	/

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

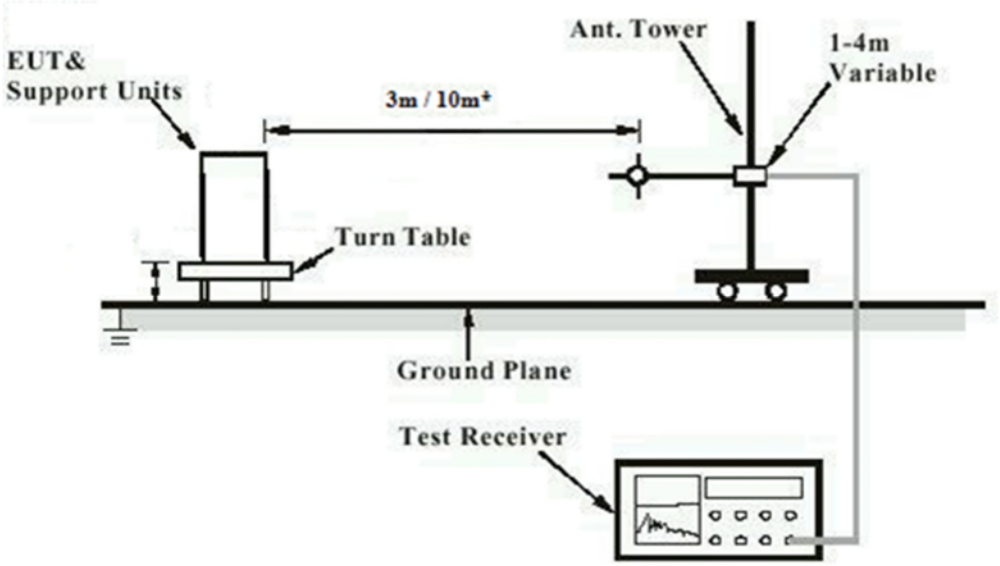


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

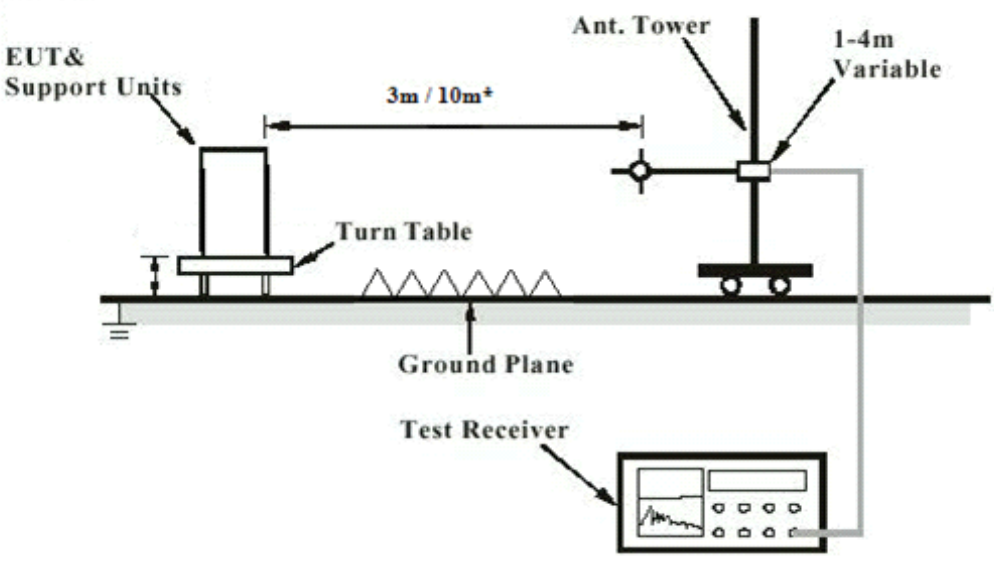


Diagram of Measurement Configuration for Mains Conduction Measurement

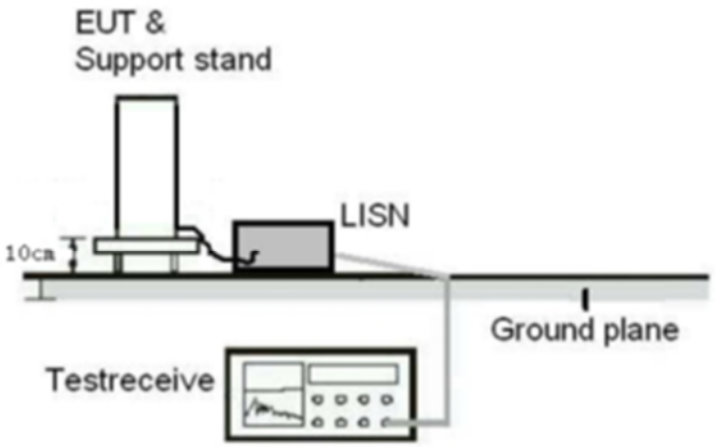
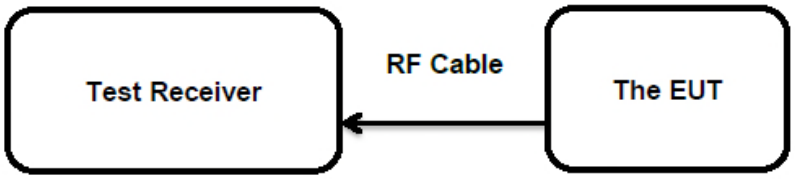


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: **Pass**

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has two internal antenna, the directional gain of Bluetooth antenna is 0 dBi, and the two antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(b)(1)&(3)
		RSS-247 Clause 5.4(b)&(d)
Basic standard	:	ANSI C63.10: 2013
Limits	:	FHSS < 0.125 Watts, DSSS < 1.0 Watts
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

Table 7: Test Result of Maximum Peak Conducted Output Power

General BT, GFSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(W)	(W)
Low Channel	2402	-2.14	0.00061	0.125
Middle Channel	2441	-2.12	0.00061	0.125
High Channel	2480	-2.19	0.00060	0.125

General BT, 8DPSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(W)	(W)
Low Channel	2402	0.20	0.00105	0.125
Middle Channel	2441	0.22	0.00105	0.125
High Channel	2480	0.26	0.00106	0.125

BLE, GFSK

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(W)	(W)
Low Channel	2402	-1.73	0.00067	0.125
Middle Channel	2441	-1.71	0.00067	0.125
High Channel	2480	-1.91	0.00064	0.125

Note:

1) The cable loss is 0.5dB taken into account in results.
2) Antenna gain(G) of Bluetooth: 0 dBi,
   The Maximum peak conducted output power (e.i.r.p.)=$P_{(Peak\ power)}$+ G, which is far below the 4 W

This testing was carried out on all operation modes, but only the worst case was presented in this report.

5.1.3 Conducted Power Spectral Density

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(e)
Basic standard	:	ANSI C63.10: 2013
Limits	:	8 dBm/3kHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	B
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Table 8: Test Result of Power Spectral Density, Low Energy

Test Mode	Test Channel (MHz)	Power Spectrum Density(dBm/3kHz)	Limit (dBm/3kHz)
Low Energy	2402	-13.98	< 8.0
	2440	-13.74	
	2480	-14.03	
Maximum Measured Value		-13.74	

Note: The cable loss is 0.5dB taken into account in results.

For the measurement records, refer to the appendix 1.

5.1.4 6dB Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(a)(2)
Basic standard	:	ANSI C63.10: 2013
Limits	:	More than 500 KHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	B
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

Table 9: Test Result of 6dB Bandwidth, Low Energy

Test Mode	Test Channel (MHz)	-6dB Bandwidth (kHz)	Limit (kHz)
Low Energy	2402	528.000	> 500
	2440	520.000	
	2480	504.000	
Minimum Measured Value		504.000	

For the measurement records, refer to the appendix 1.

5.1.5 99% Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	RSS-Gen Clause 6.6
Basic standard	:	ANSI C63.10: 2013
Limits	:	More than 500 KHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

Table 10: Test Result of 99% Bandwidth

General BT, GFSK

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	904.00	/	Pass
Mid Channel	2441	904.00	/	Pass
High Channel	2480	908.00	/	Pass

General BT, 8DPSK

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1204.0	/	Pass
Mid Channel	2441	1200.0	/	Pass
High Channel	2480	1196.0	/	Pass

BLE, GFSK

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1038.0	/	Pass
Mid Channel	2442	1038.0	/	Pass
High Channel	2480	1038.0	/	Pass

For the measurement records, refer to the appendix 1 & 2.

5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(d) RSS-247 Clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limits	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix 1 & 2.

5.1.7 Radiated Spurious Emission

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(d) & FCC Part 15.205
		RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A, B
Test channel	:	Low / Middle / High
Ambient temperature	:	23 ℃
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

Remark:
The Radiated Spurious Emission was carried out within frequency range 9kHz – 30MHz and 18GHz - 26.5GHz, and the measurements with active antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

For the measurement records, refer to the appendix 1 & 2.

5.1.8 20dB Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(a)(1) RSS-247 Clause 5.1(a)
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 11: Test Result of 20dB Bandwidth

Test Mode	Channel Frequency (MHz)	20dB Bandwidth (kHz)	2/3 of 20dB Bandwidth (kHz)	Limit (MHz)
BDR	2402	1024.00	682.667	/
	2441	1016.00	677.333	
	2480	1028.00	685.333	
EDR	2402	1348.00	898.667	/
	2441	1348.00	898.667	
	2480	1352.00	901.333	
Maximum Measured Value		1352.00	901.333	/

For the measurement records, refer to the appendix 2.

5.1.9 Carrier Frequency Separation

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.247(a)(1) RSS-247 Clause 5.1(b)
Basic standard	:	ANSI C63.10: 2013
Limits	:	≥ 25kHz or 2/3 of 20dB bandwidth, whichever is greater
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 12: Test Result of Carrier Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.0	≥ 25kHz or 2/3 of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.0		Pass
Adjacency Channel	2442			
High Channel	2480	1.0		Pass
Adjacency Channel	2479			

Note: The limit is maximum 2/3 of the 20 dB bandwidth
For the measurement records, refer to the appendix 2.

5.1.10 Number of Hopping Frequency

RESULT: **Pass**

Test Specification

Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 Clause 5.1(d)
Basic standard	:	ANSI C63.10: 2013
Limits	:	≥ 15 non-overlapping channels
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 13: Test Result of Number of Hopping Frequency

Test Mode	Frequency Range	Measured Quantity of Hopping Channel	Limit
FHSS	2402 - 2480 MHz	79	≥15

For the measurement records, refer to the appendix 2.

5.1.11 Time of Occupancy

RESULT: **Pass**

Test Specification

Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 Clause 5.1(d)
Basic standard	:	ANSI C63.10: 2013
Limits	:	< 0.4s
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Input voltage	:	AC 120V/60HZ
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24 ℃
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 14: Test Result of Time of Occupancy

Modulation	Data Packet	Channel	pulse time(ms)	Dwell Time(s)	Limits(s)
GFSK	DH1	middle	0.380	0.125	0.4
	DH3	middle	1.660	0.266	0.4
	DH5	middle	2.940	0.323	0.4
Modulation	Data Packet	Channel	pulse time(ms)	Dwell Time(s)	Limits(s)
8-DPSK	3DH1	middle	0.380	0.125	0.4
	3DH3	middle	1.640	0.262	0.4
	3DH5	middle	2.920	0.321	0.4

Note:
Dwell time = Pulse width x Number of channels in Period
Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

Pre-test the different type of Modulation for this test. Only the worst case GFSK and 8-DPSK were recorded in this report.
For the measurement records, refer to the appendix 2.

5.1.12 Conducted Emissions

RESULT: **Passed**

Test Specification

Test standard	:	FCC part 15.207
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	12.04.2022
Power supply	:	120Vac, 60Hz
Operation mode	:	C (See 3.3)
Earthing	:	Not connected
Ambient temperature	:	23.2 °C
Relative Humidity	:	61 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix 2.

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT: **Pass**

Test Specification

Test standard : CFR47 FCC Part 2: Section 2.1091
CFR47 FCC Part 1: Section 1.1310
FCC KDB Publication 447498 D01 v06
RSS-102 Issue 5 March 2015

The minimum distance for the EUT is less than 5mm.
Since maximum peak output power of the transmitter is 1.06 mW <10 mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

The maximum peak output power of the transmitter is 0.26dBm (1.06 mW), which is far below the SAR exclusion threshold level 4 mW ≈ 6.02 dBm.
Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

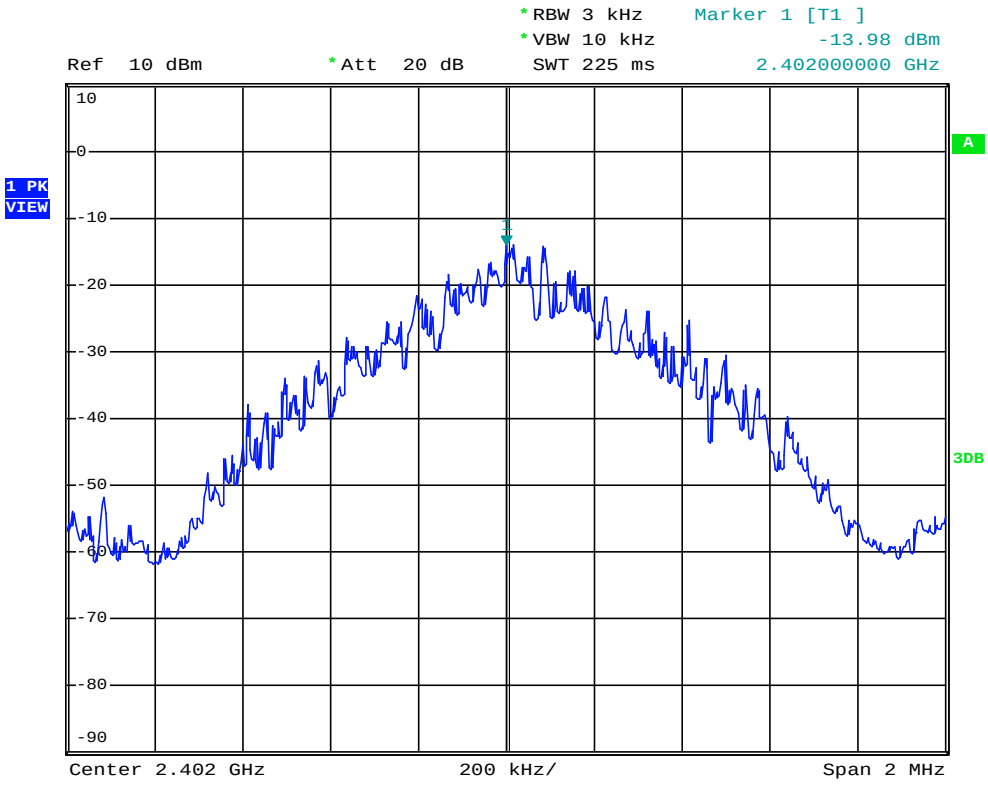
7 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix 3.

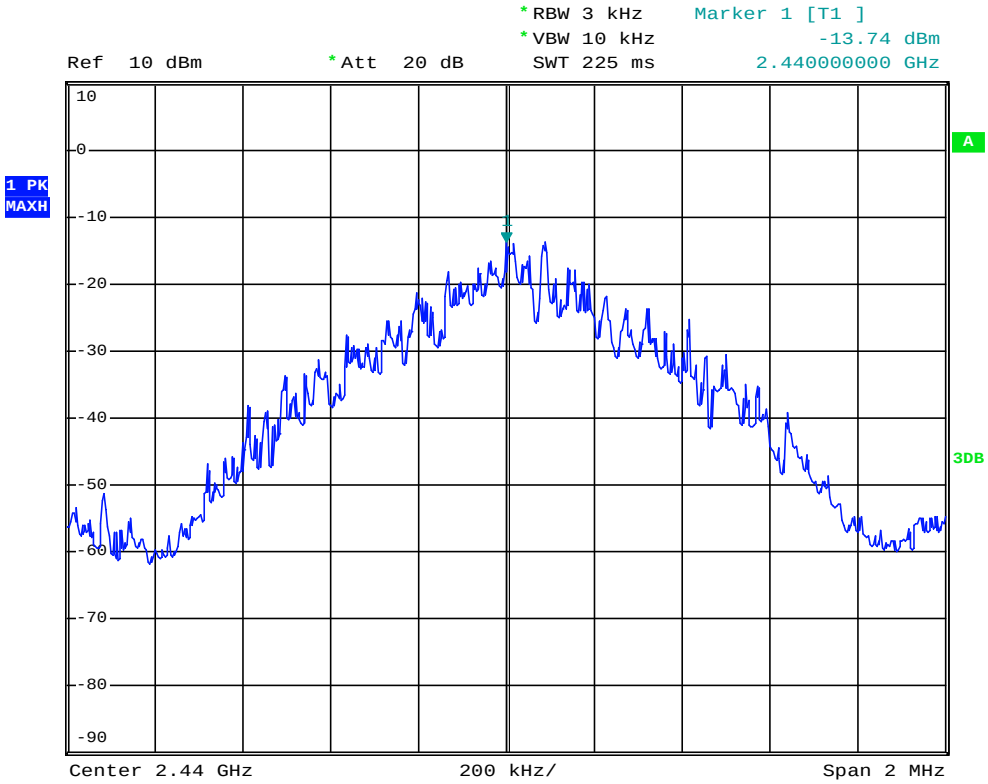
8 List of Tables

Prüfbericht - Nr.: **CN22BHKC 001**
Test Report No.

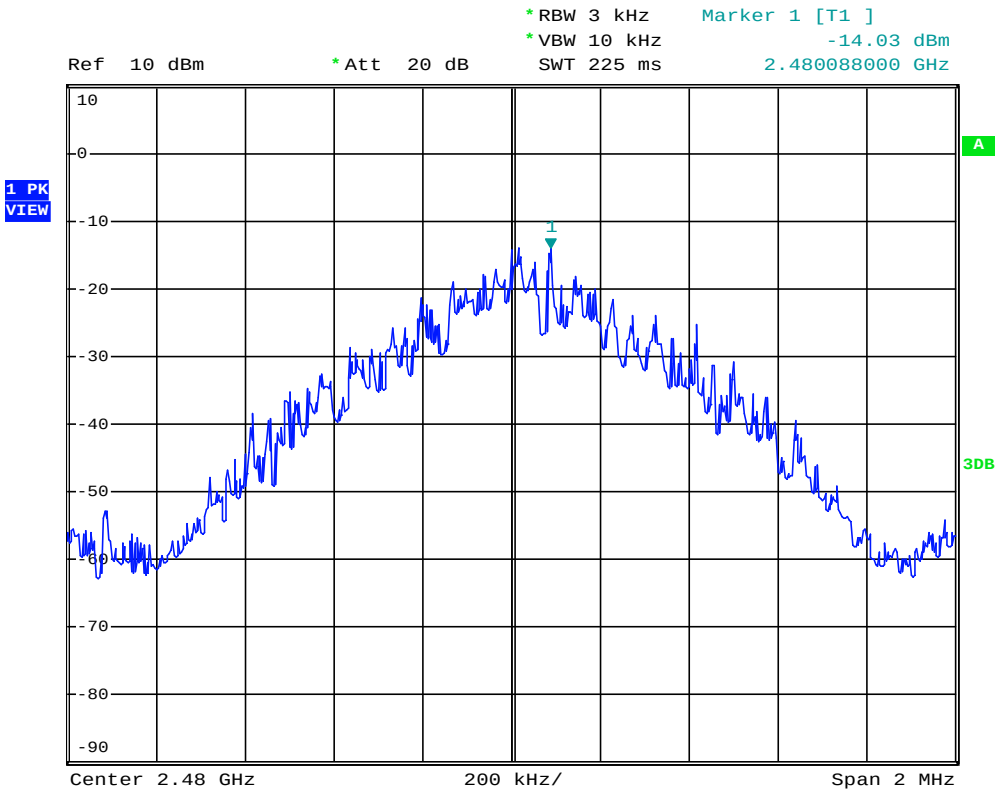
Conducted Power Spectral Density–BLE-L Channel



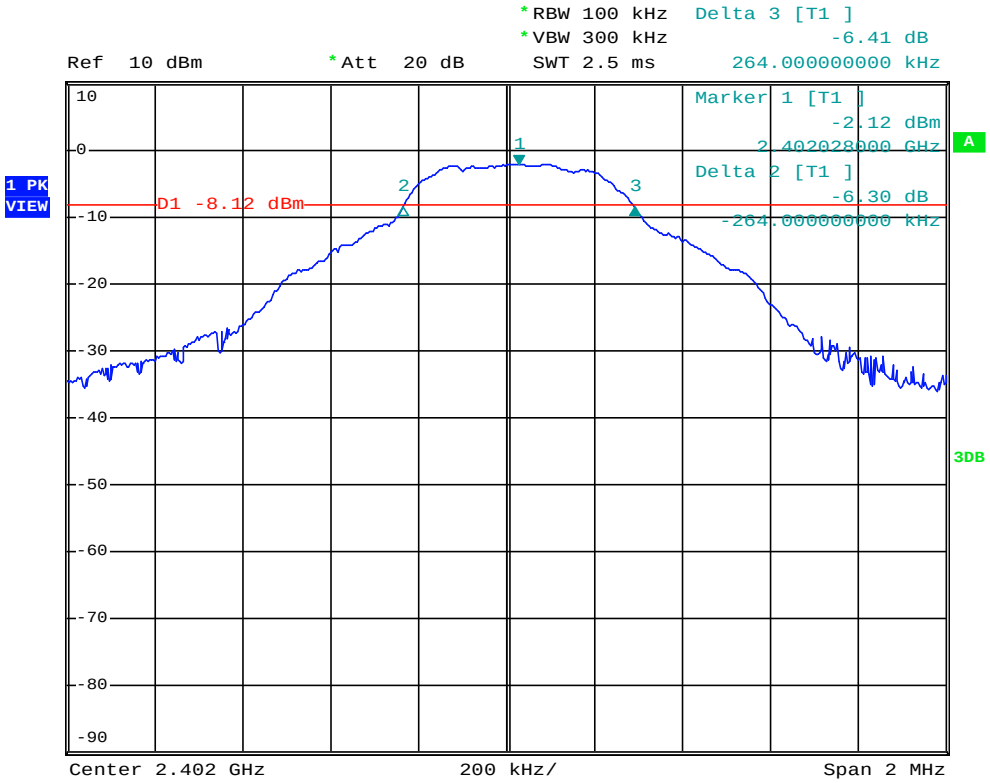
Conducted Power Spectral Density–BLE-M Channel



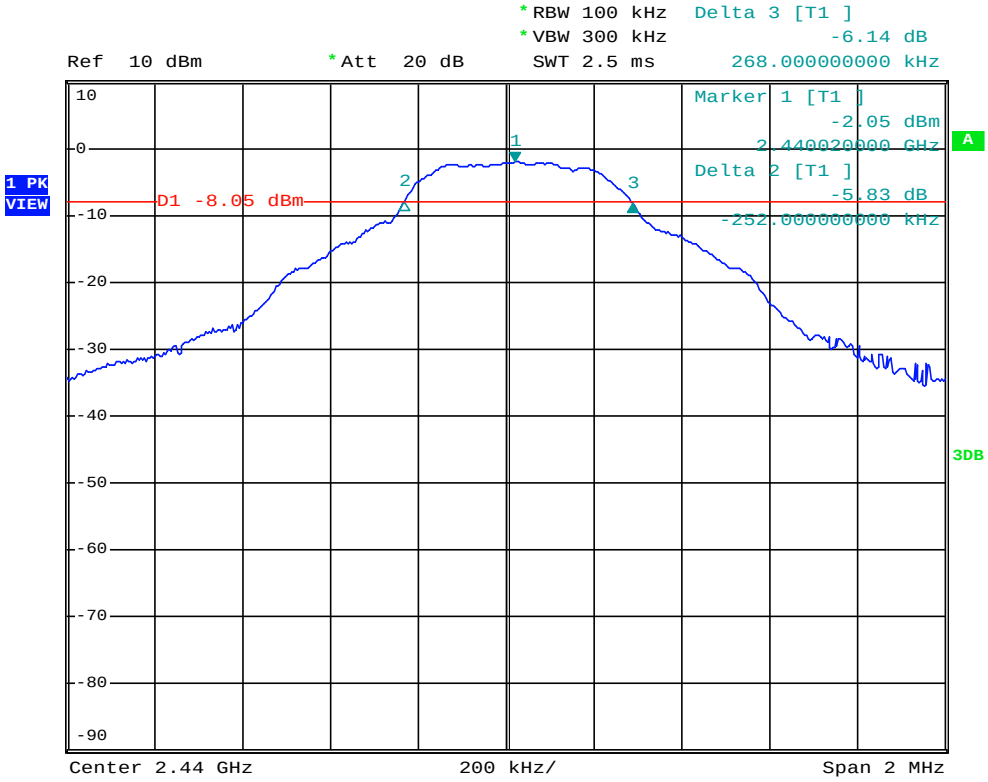
Conducted Power Spectral Density–BLE-H Channel



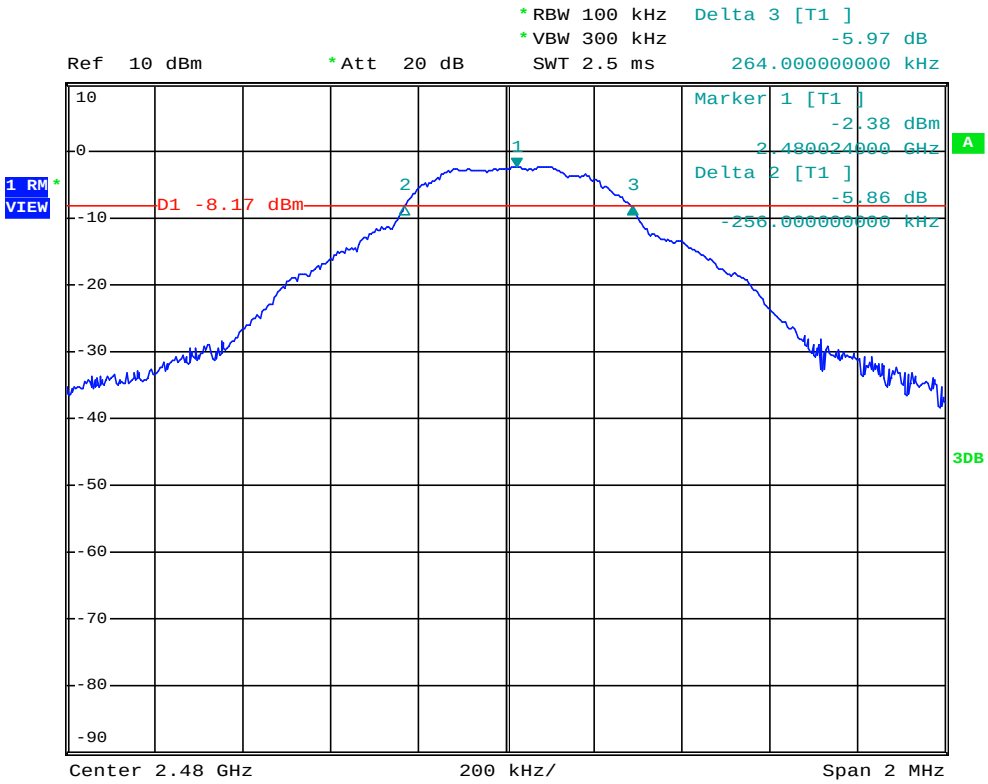
6dB Bandwidth–BLE-L Channel



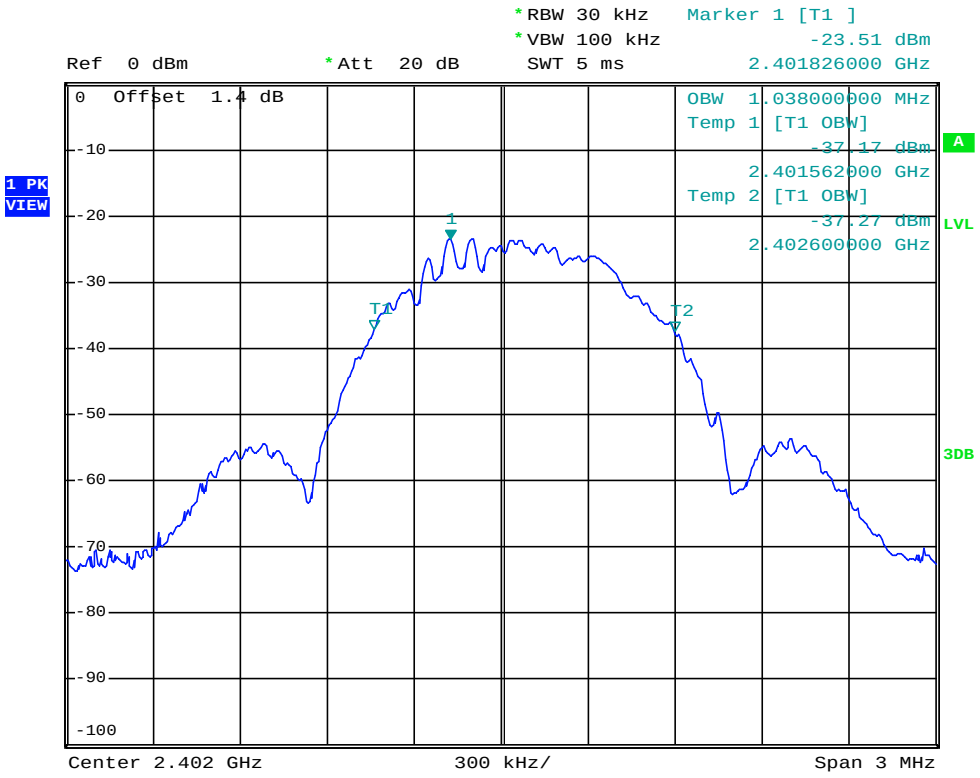
6dB Bandwidth–BLE-M Channel



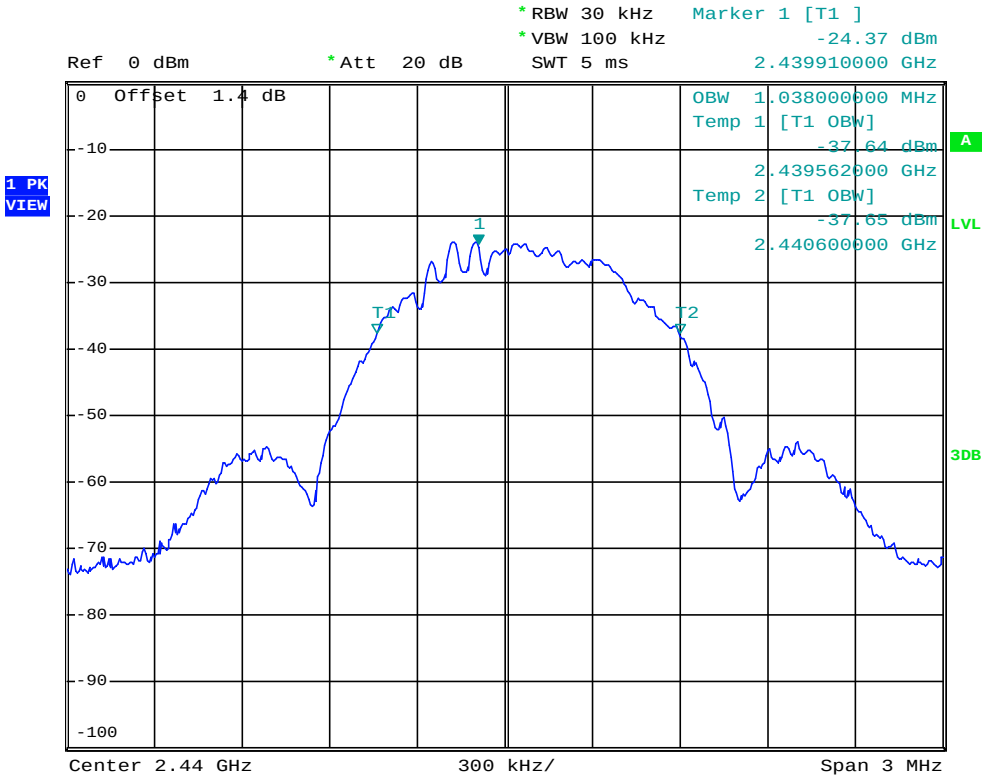
6dB Bandwidth–BLE-H Channel



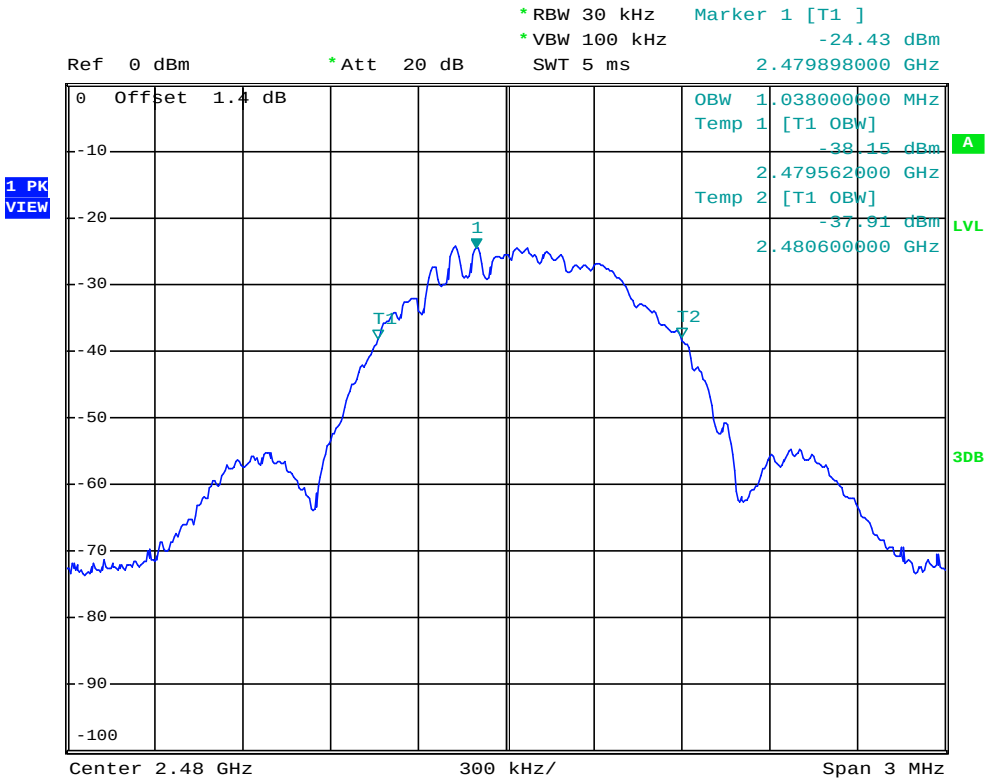
99% Bandwidth–BLE-L Channel



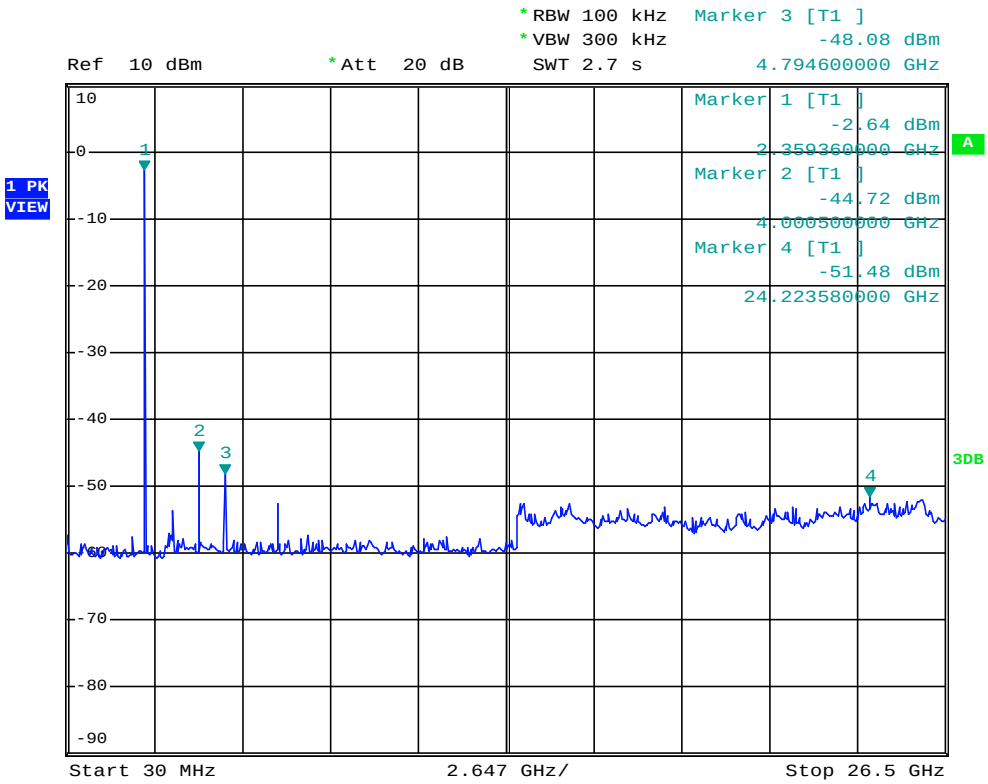
99% Bandwidth–BLE-M Channel



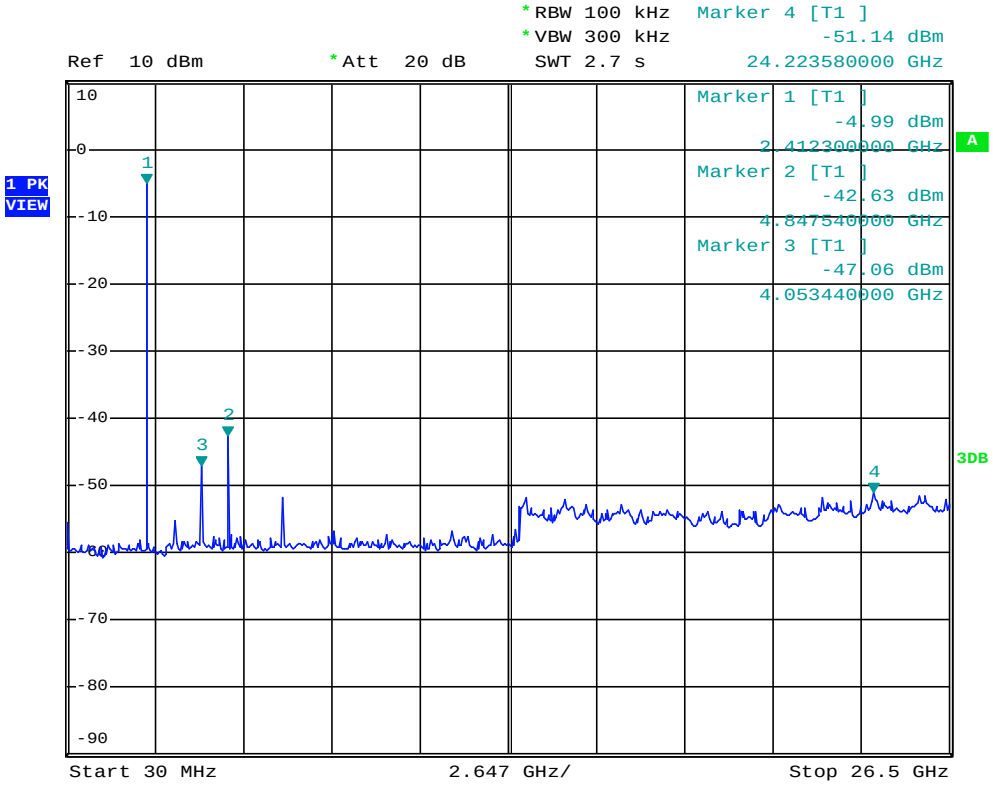
99% Bandwidth–BLE-H Channel



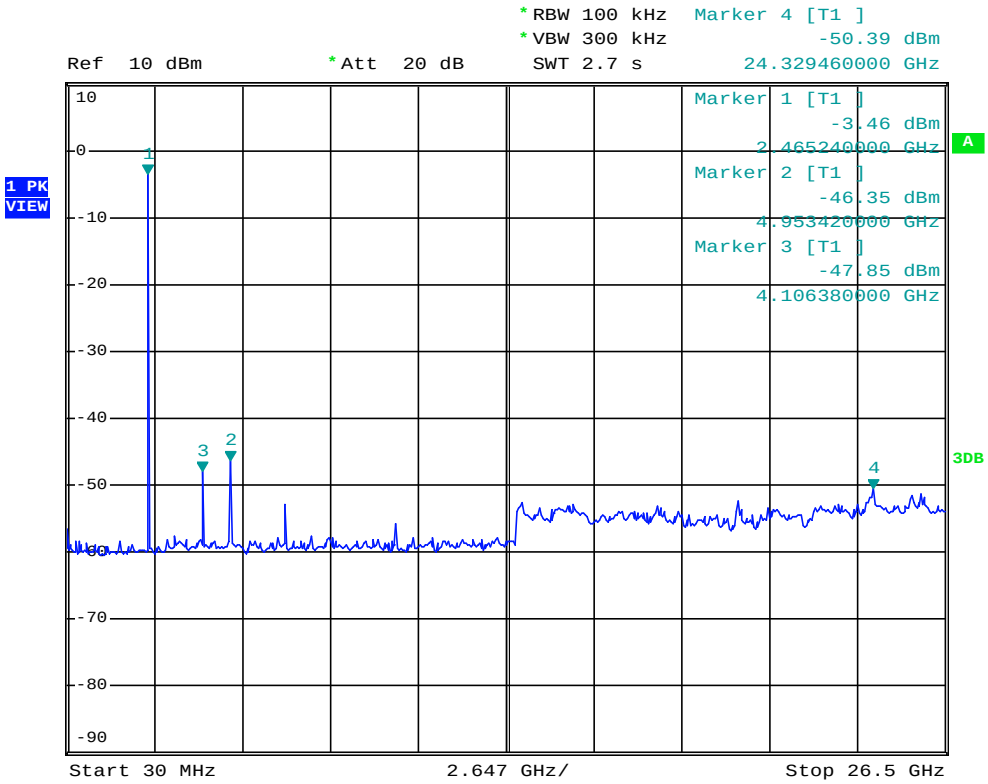
Conducted Spurious Emissions –BLE-L Channel



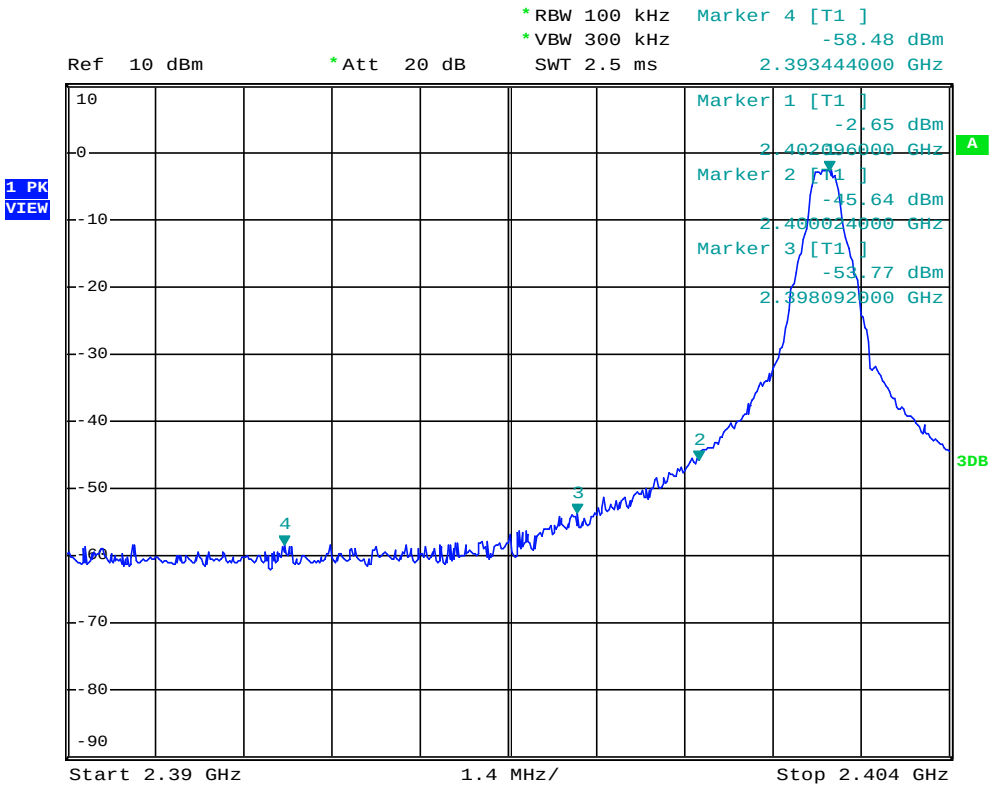
Conducted Spurious Emissions –BLE-M Channel



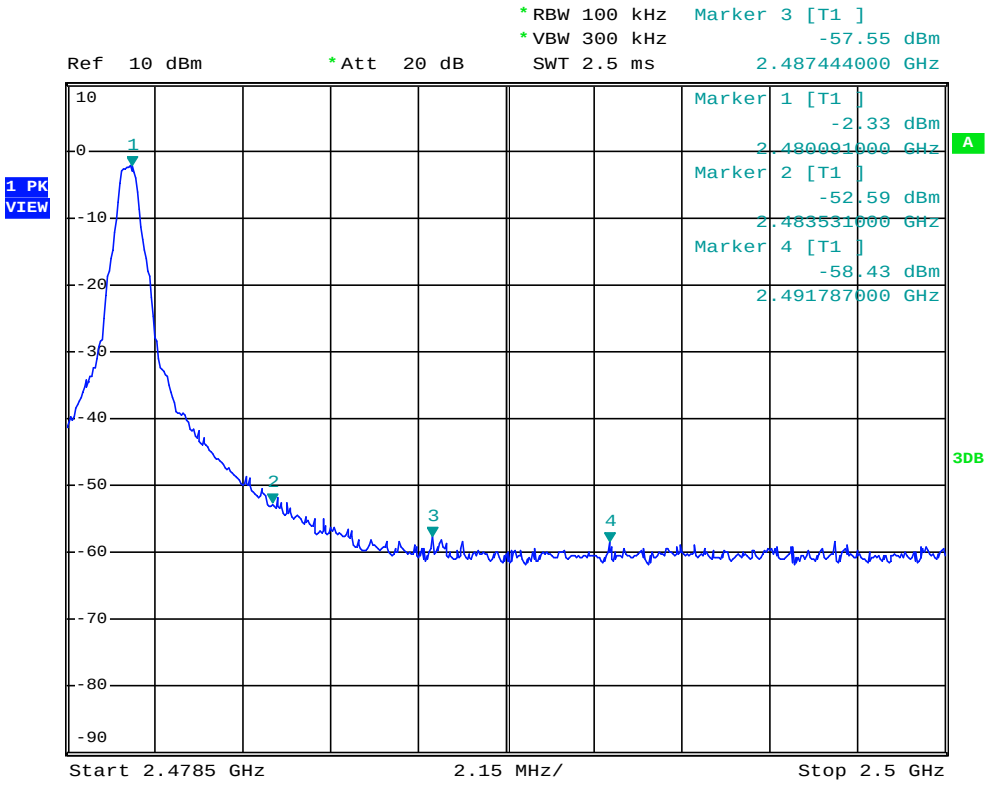
Conducted Spurious Emissions –BLE-H Channel



Band Edge-BLE-L CH

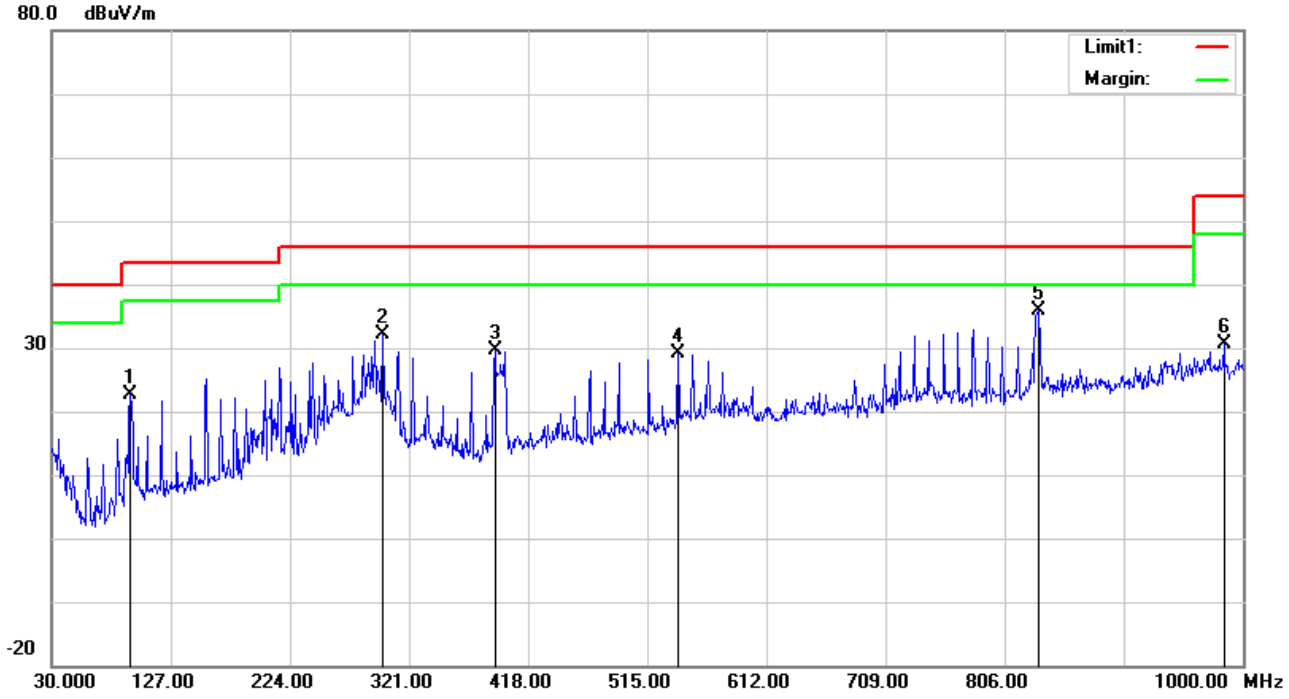


Band Edge-BLE-H CH



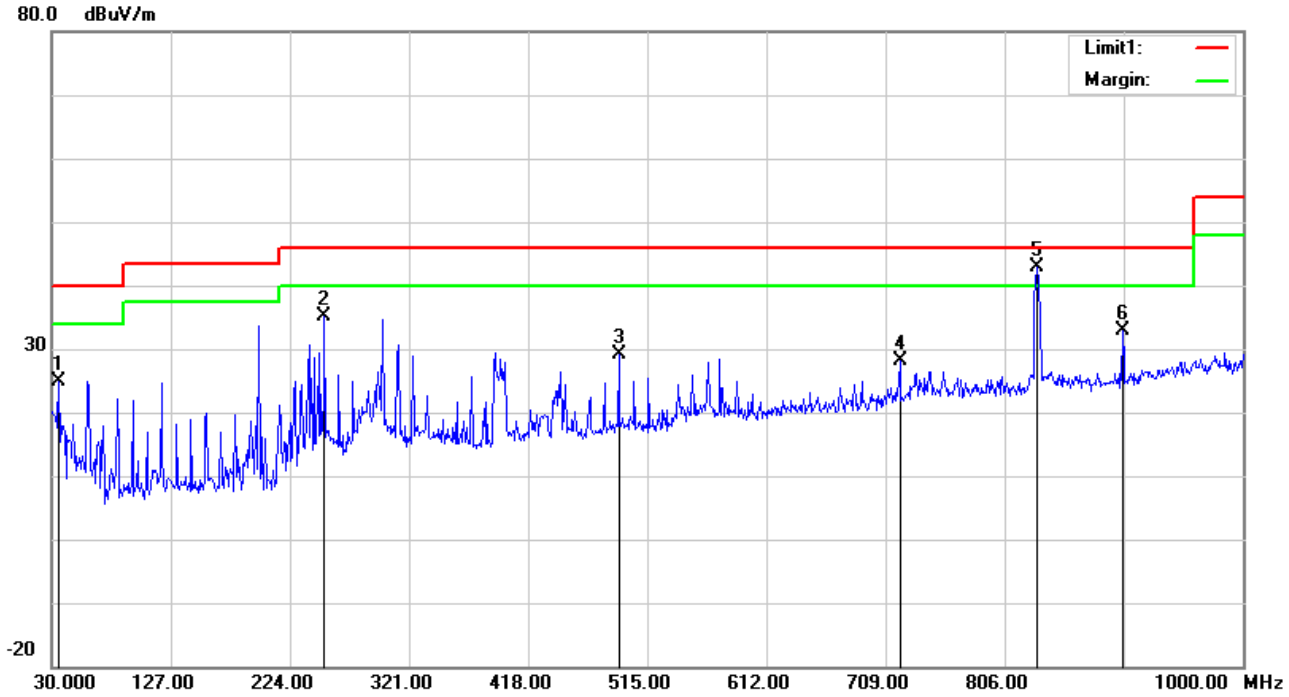
Radiateded Spurious Emissions Below 1GHz

Mode:	BLE_L CH	Ant.Polar.:	Horizontal



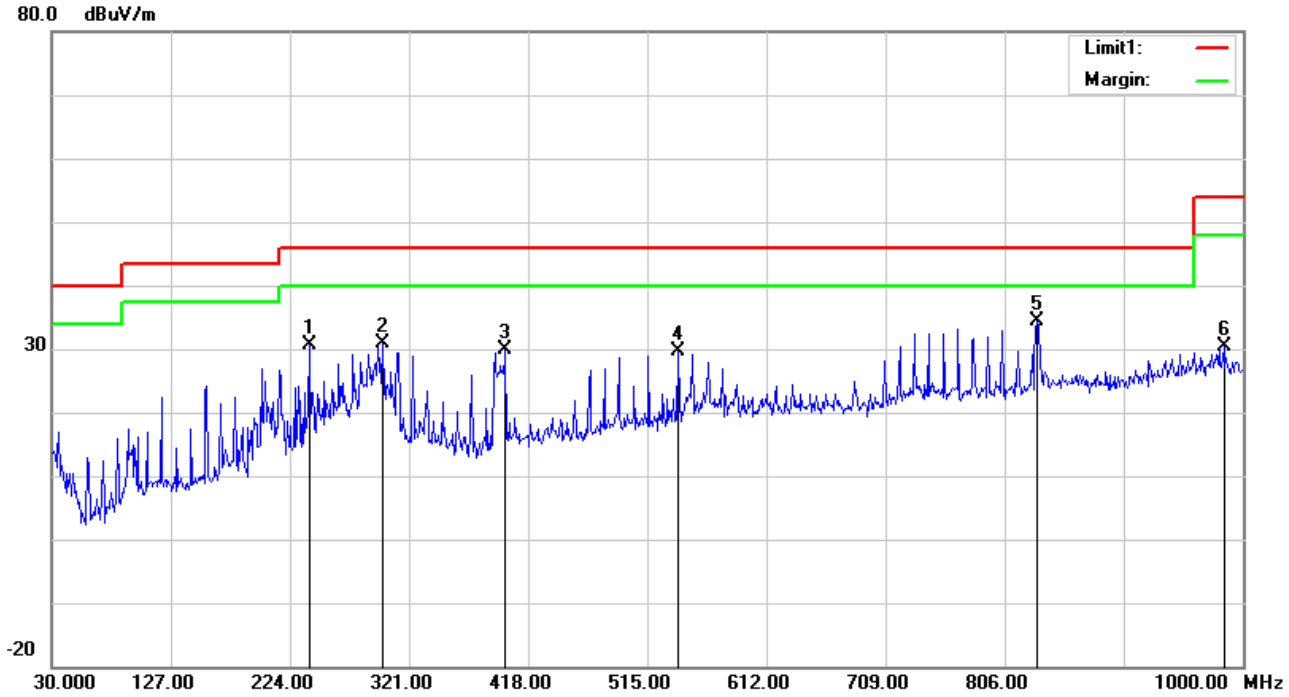
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	94.0200	43.56	-20.89	22.67	43.50	-20.83	QP
2	299.6600	46.92	-14.82	32.10	46.00	-13.90	QP
3	390.8400	41.11	-11.54	29.57	46.00	-16.43	QP
4	540.2200	35.93	-6.84	29.09	46.00	-16.91	QP
5	834.1300	36.51	-0.59	35.92	46.00	-10.08	QP
6	984.4800	28.16	2.40	30.56	54.00	-23.44	QP

Mode:	BLE_L CH	Ant.Polar.:	Vertical



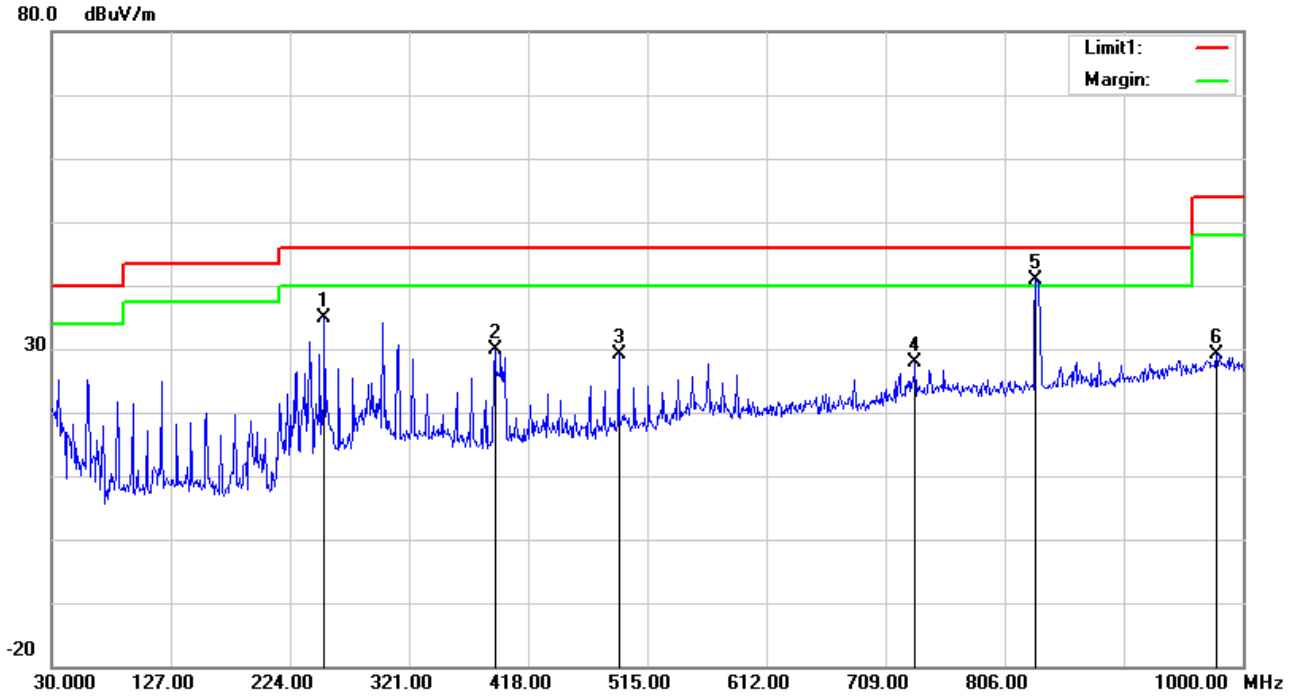
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	40.72	-15.91	24.81	40.00	-15.19	QP
2	252.1300	51.01	-15.80	35.21	46.00	-10.79	QP
3	491.7200	37.25	-8.18	29.07	46.00	-16.93	QP
4	720.6400	31.29	-3.20	28.09	46.00	-17.91	QP
5	832.1900	43.62	-0.66	42.96	46.00	-3.04	QP
6	902.0300	33.33	-0.40	32.93	46.00	-13.07	QP

Mode:	BLE_M CH	Ant.Polar.:	Horizontal



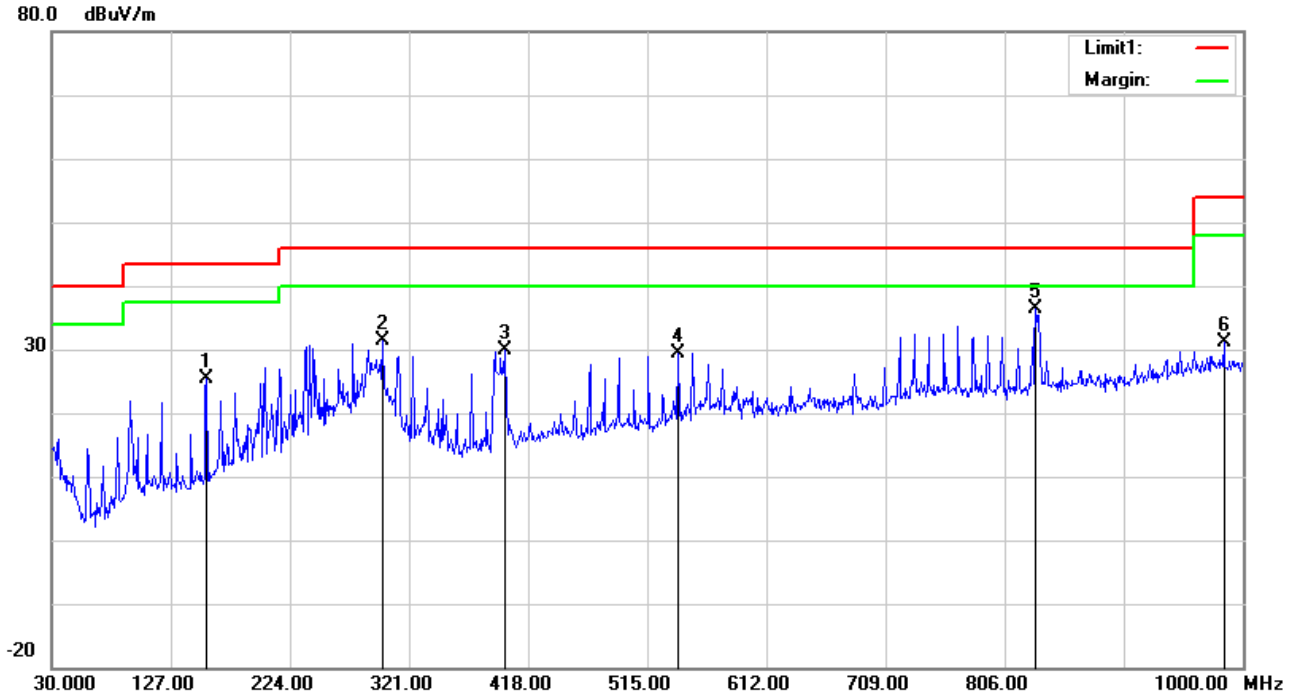
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	239.5200	48.61	-18.10	30.51	46.00	-15.49	QP
2	299.6600	45.73	-14.82	30.91	46.00	-15.09	QP
3	399.5700	41.05	-11.16	29.89	46.00	-16.11	QP
4	540.2200	36.40	-6.84	29.56	46.00	-16.44	QP
5	832.1900	35.10	-0.66	34.44	46.00	-11.56	QP
6	984.4800	28.03	2.40	30.43	54.00	-23.57	QP

Mode:	BLE_M CH	Ant.Polar.:	Vertical



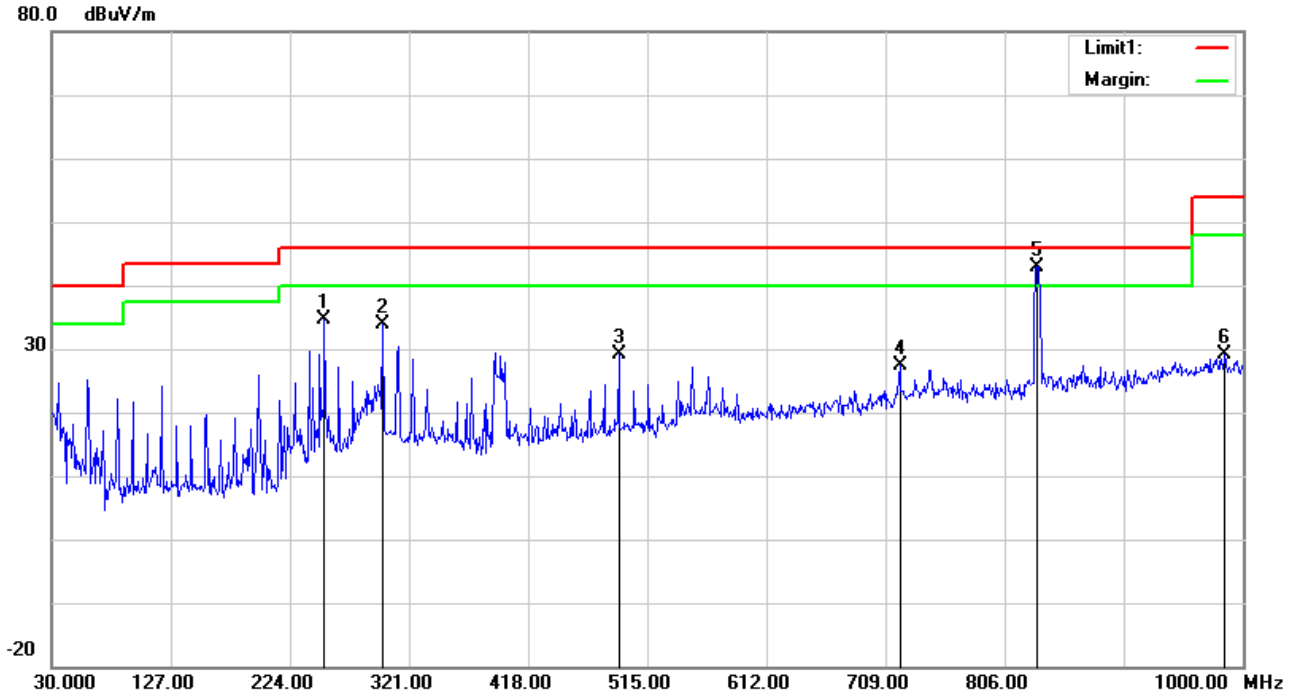
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	252.1300	50.72	-15.80	34.92	46.00	-11.08	QP
2	390.8400	41.30	-11.54	29.76	46.00	-16.24	QP
3	491.7200	37.39	-8.18	29.21	46.00	-16.79	QP
4	733.2500	30.28	-2.35	27.93	46.00	-18.07	QP
5	831.2200	41.68	-0.70	40.98	46.00	-5.02	QP
6	978.6600	26.58	2.58	29.16	54.00	-24.84	QP

Mode:	BLE_H CH	Ant.Polar.:	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	44.11	-18.66	25.45	43.50	-18.05	QP
2	299.6600	46.11	-14.82	31.29	46.00	-14.71	QP
3	398.6000	41.08	-11.20	29.88	46.00	-16.12	QP
4	540.2200	36.34	-6.84	29.50	46.00	-16.50	QP
5	831.2200	37.08	-0.70	36.38	46.00	-9.62	QP
6	984.4800	28.83	2.40	31.23	54.00	-22.77	QP

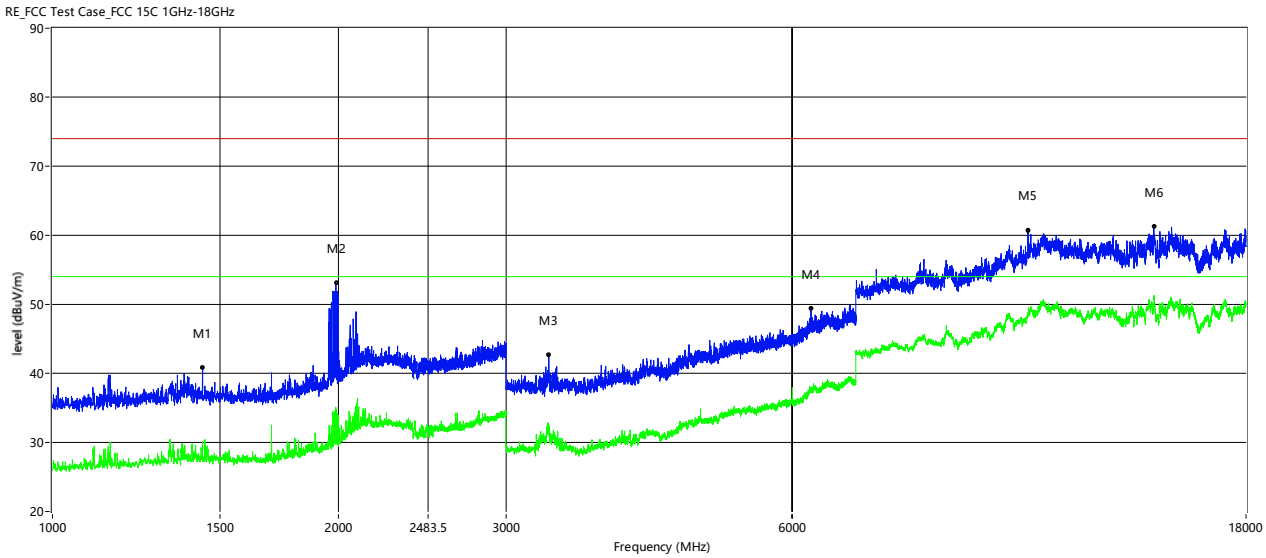
Mode:	BLE_H CH	Ant.Polar.:	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	252.1300	50.45	-15.80	34.65	46.00	-11.35	QP
2	299.6600	48.70	-14.82	33.88	46.00	-12.12	QP
3	491.7200	37.28	-8.18	29.10	46.00	-16.90	QP
4	720.6400	30.59	-3.20	27.39	46.00	-18.61	QP
5	832.1900	43.59	-0.66	42.93	46.00	-3.07	QP
6	985.4500	26.69	2.33	29.02	54.00	-24.98	QP

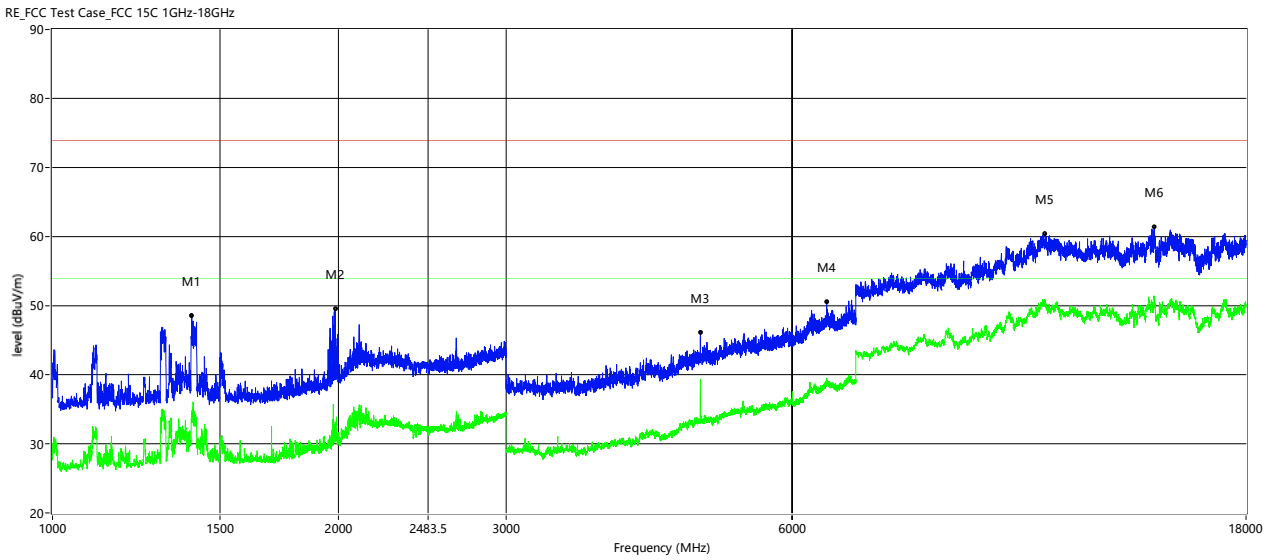
Above 1GHz

BLE_L



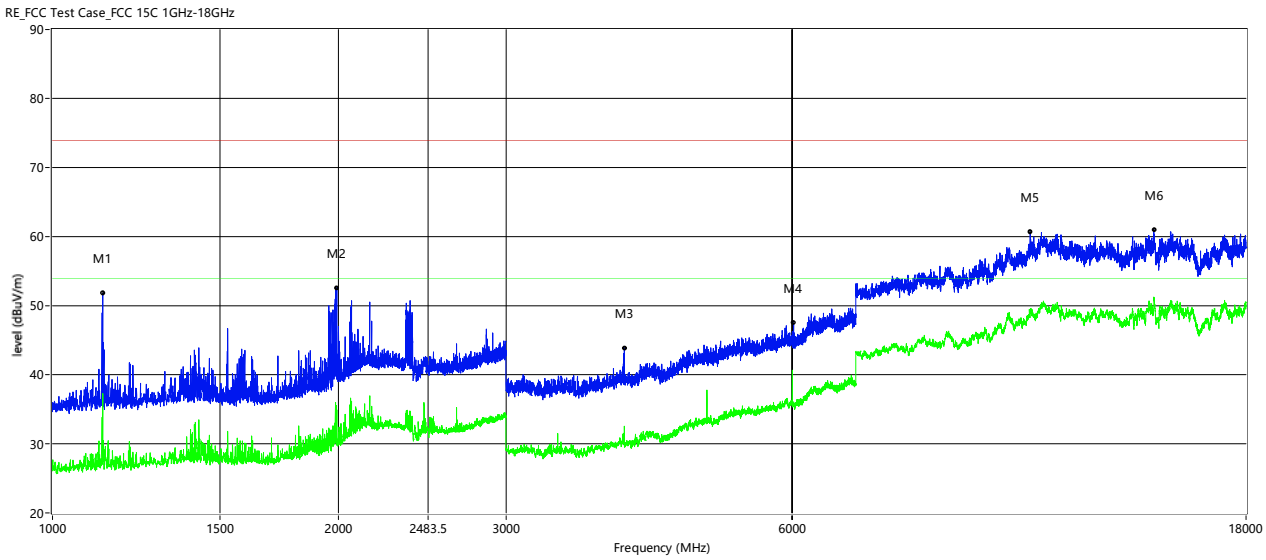
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1439	41.43	30.74	-0.6	40.83	30.14	74.00	54.00	-33.17	-23.86	-23.86	Horizontal
1987.5	51.77	33.73	1.38	53.15	35.11	74.00	54.00	-20.85	-18.89	-18.89	Horizontal
3327	54.80	44.61	-12.09	42.71	32.52	74.00	54.00	-31.29	-21.48	-21.48	Horizontal
6280	51.09	39.51	-1.6	49.49	37.91	74.00	54.00	-24.51	-16.09	-16.09	Horizontal
10619	52.53	40.63	8.15	60.68	48.78	74.00	54.00	-13.32	-5.22	-5.22	Horizontal
14405.75	49.93	39.84	11.36	61.29	51.20	74.00	54.00	-12.71	-2.80	-2.80	Horizontal

BLE_L



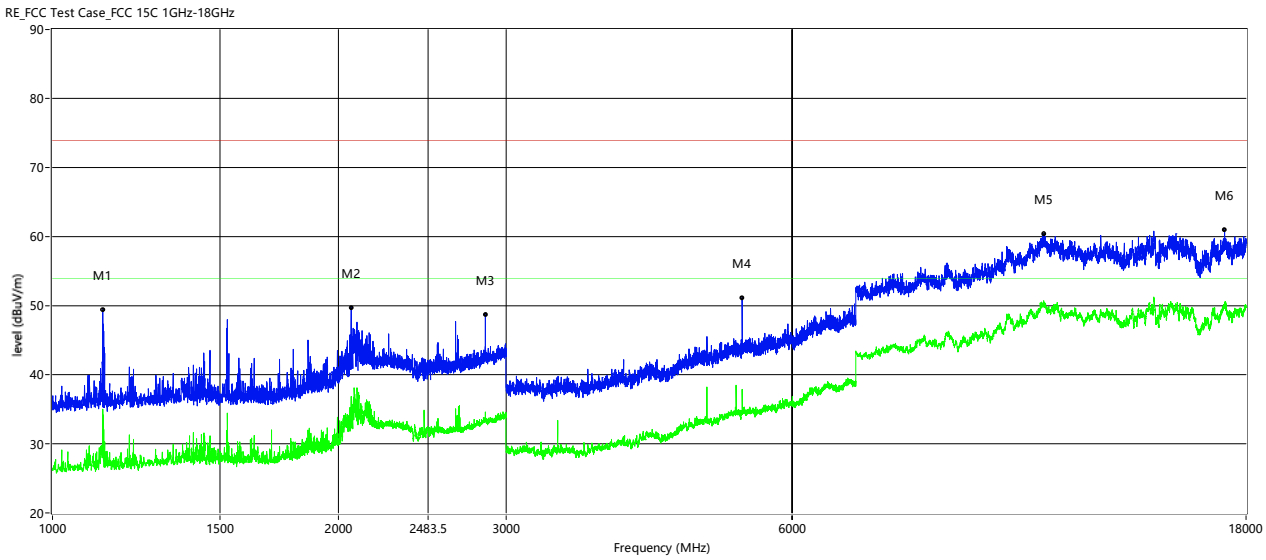
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1401	49.24	34.60	-0.66	48.58	33.94	74.00	54.00	-25.42	-20.06	-20.06	Vertical
1983	48.17	31.84	1.34	49.51	33.18	74.00	54.00	-24.49	-20.82	-20.82	Vertical
4804	53.07	46.27	-6.96	46.11	39.31	74.00	54.00	-27.89	-14.69	-14.69	Vertical
6524	51.01	39.93	-0.41	50.60	39.52	74.00	54.00	-23.40	-14.48	-14.48	Vertical
11070	50.57	40.08	9.84	60.41	49.92	74.00	54.00	-13.59	-4.08	-4.08	Vertical
14411.25	50.15	40.12	11.29	61.44	51.41	74.00	54.00	-12.56	-2.59	-2.59	Vertical

BLE_M



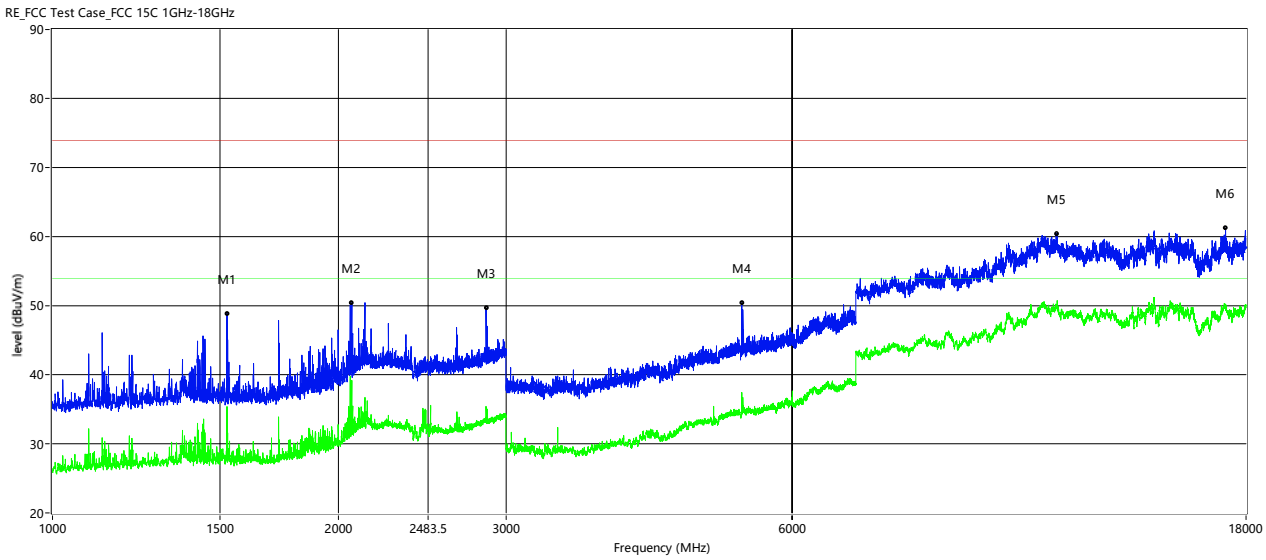
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1129.5	53.26	38.69	-1.42	51.84	37.27	74.00	54.00	-22.16	-16.73	-16.73	Horizontal
1991	51.23	33.49	1.41	52.64	34.90	74.00	54.00	-21.36	-19.10	-19.10	Horizontal
3996	54.11	42.74	-10.19	43.92	32.55	74.00	54.00	-30.08	-21.45	-21.45	Horizontal
6019	50.45	38.69	-2.93	47.52	35.76	74.00	54.00	-26.48	-18.24	-18.24	Horizontal
10676.75	52.39	40.93	8.29	60.68	49.22	74.00	54.00	-13.32	-4.78	-4.78	Horizontal
14397.5	49.60	38.35	11.41	61.01	49.76	74.00	54.00	-12.99	-4.24	-4.24	Horizontal

BLE_M



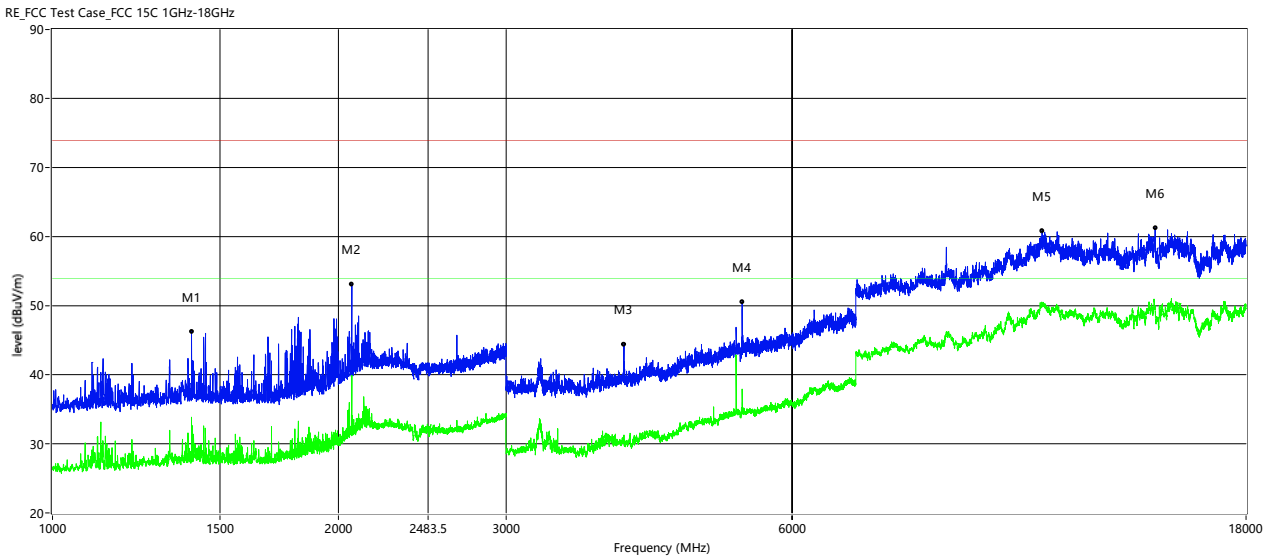
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1130	50.83	36.41	-1.42	49.41	34.99	74.00	54.00	-24.59	-19.01	-19.01	Vertical
2061.5	46.68	33.81	3.05	49.73	36.86	74.00	54.00	-24.27	-17.14	-17.14	Vertical
2854	43.15	28.96	5.61	48.76	34.57	74.00	54.00	-25.24	-19.43	-19.43	Vertical
5316	56.16	42.85	-4.97	51.19	37.88	74.00	54.00	-22.81	-16.12	-16.12	Vertical
11028.75	50.39	40.28	10.06	60.45	50.34	74.00	54.00	-13.55	-3.66	-3.66	Vertical
17092.5	50.52	40.07	10.43	60.95	50.50	74.00	54.00	-13.05	-3.50	-3.50	Vertical

BLE_H



Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1526.5	49.45	35.96	-0.59	48.86	35.37	74.00	54.00	-25.14	-18.63	-18.63	Horizontal
2064.5	47.35	36.09	3.1	50.45	39.19	74.00	54.00	-23.55	-14.81	-14.81	Horizontal
2858.5	44.05	29.83	5.61	49.66	35.44	74.00	54.00	-24.34	-18.56	-18.56	Horizontal
5311	55.39	42.41	-4.98	50.41	37.43	74.00	54.00	-23.59	-16.57	-16.57	Horizontal
11367	50.82	40.06	9.67	60.49	49.73	74.00	54.00	-13.51	-4.27	-4.27	Horizontal
17139.25	50.99	39.60	10.26	61.25	49.86	74.00	54.00	-12.75	-4.14	-4.14	Horizontal

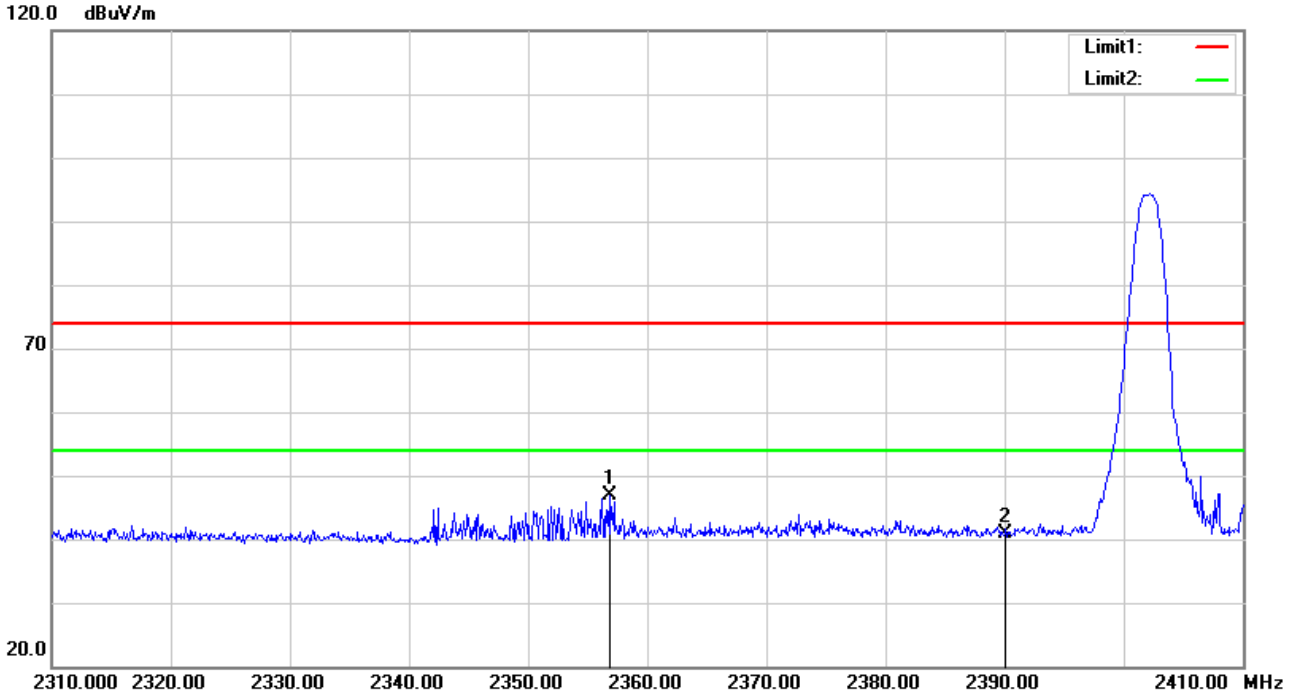
BLE_H



Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1400.5	47.01	34.51	-0.66	46.35	33.85	74.00	54.00	-27.65	-20.15	-20.15	Vertical
2064.5	50.06	36.81	3.1	53.16	39.91	74.00	54.00	-20.84	-14.09	-14.09	Vertical
3991	54.64	40.84	-10.22	44.42	30.62	74.00	54.00	-29.58	-23.38	-23.38	Vertical
5316	55.57	42.90	-4.97	50.60	37.93	74.00	54.00	-23.40	-16.07	-16.07	Vertical
10984.75	50.82	40.15	10.1	60.92	50.25	74.00	54.00	-13.08	-3.75	-3.75	Vertical
14449.75	50.43	38.38	10.84	61.27	49.22	74.00	54.00	-12.73	-4.78	-4.78	Vertical

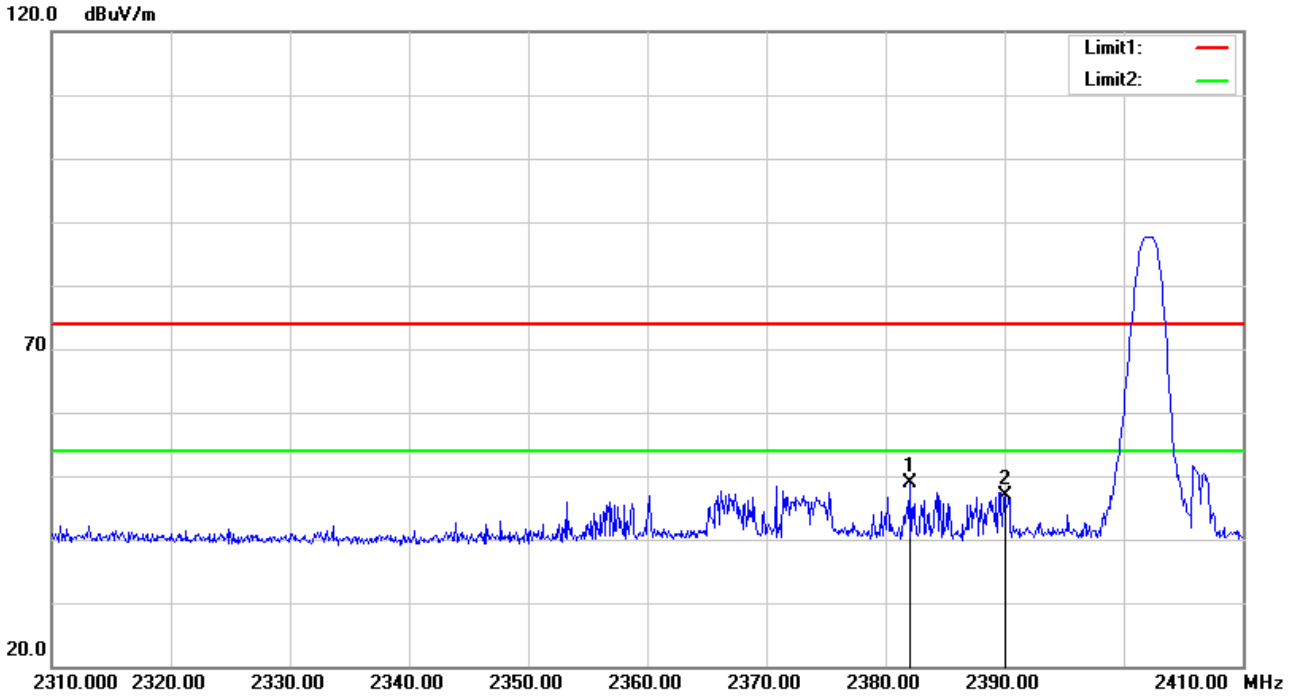
Band Edge-BLE

Mode:	BLE_L CH	Ant.Polar.:	Horizontal



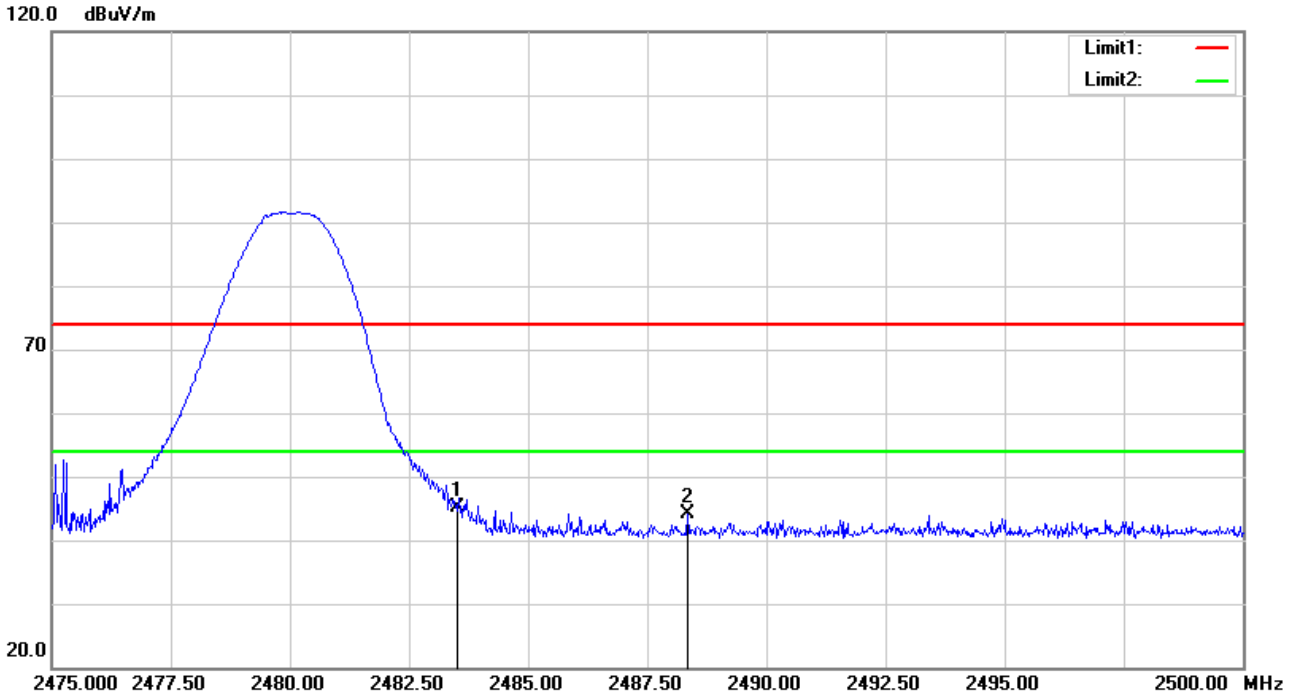
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2356.800	42.99	3.84	46.83	74.00	-27.17	peak
2	2390.000	36.43	4.34	40.77	74.00	-33.23	peak

Mode:	BLE_L CH	Ant.Polar.:	Vertical



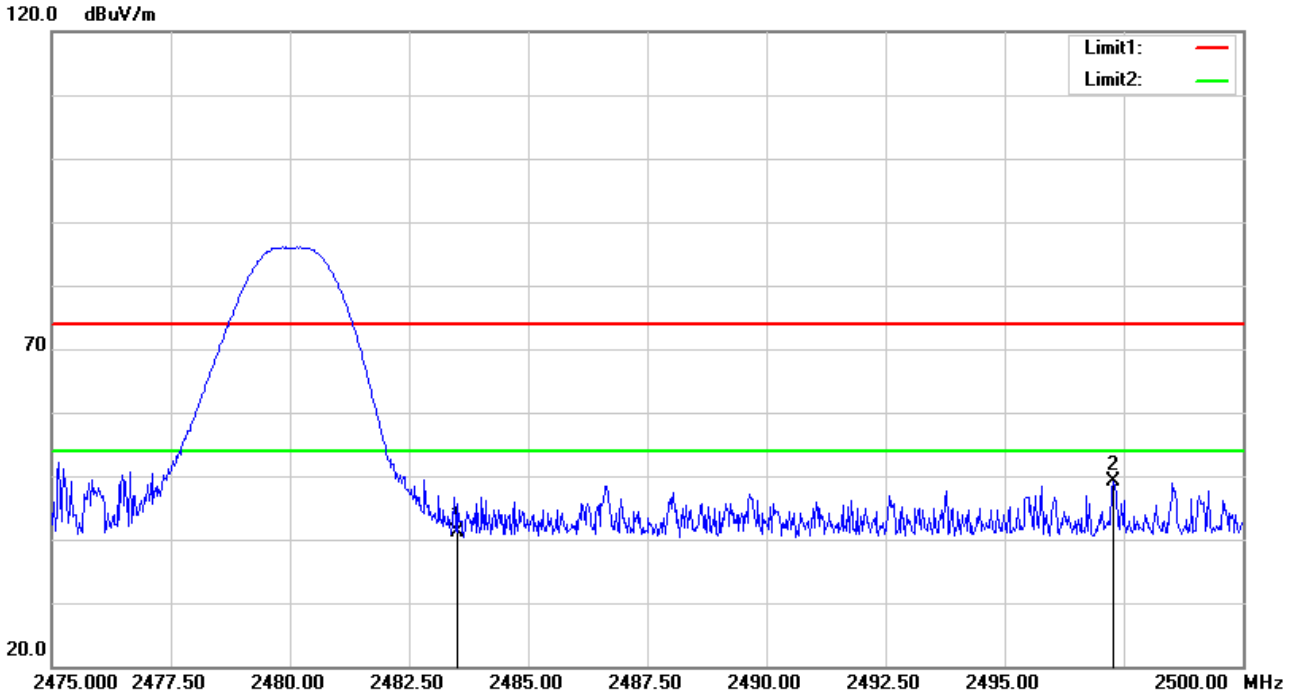
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.100	44.65	4.22	48.87	74.00	-25.13	peak
2	2390.000	42.58	4.34	46.92	74.00	-27.08	peak

Mode:	BLE_H CH	Ant.Polar.:	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	40.58	4.60	45.18	74.00	-28.82	peak
2	2488.350	39.49	4.62	44.11	74.00	-29.89	peak

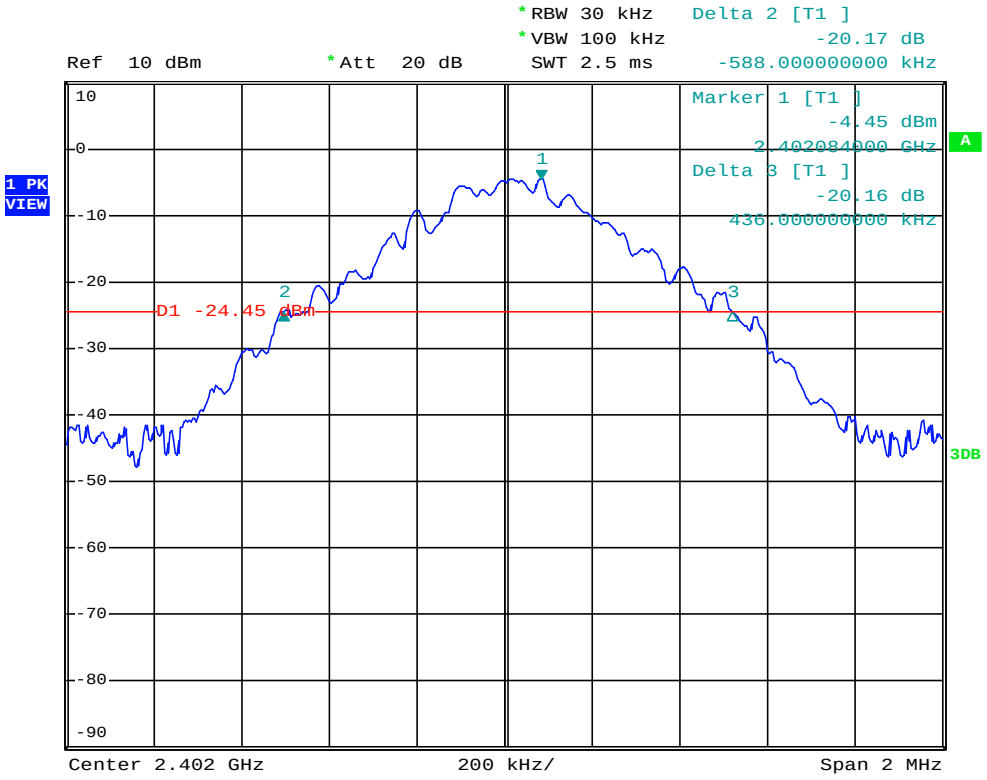
Mode:	BLE_H CH	Ant.Polar.:	Vertical



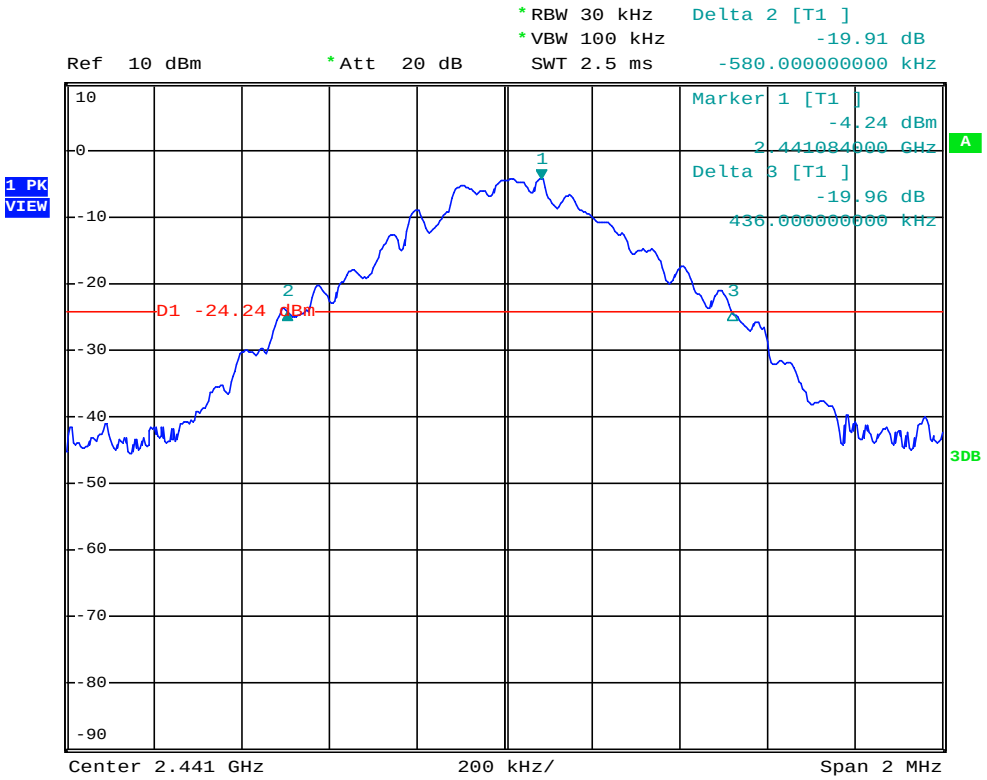
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	36.65	4.60	41.25	74.00	-32.75	peak
2	2497.275	44.47	4.64	49.11	74.00	-24.89	peak

20dB Bandwidth

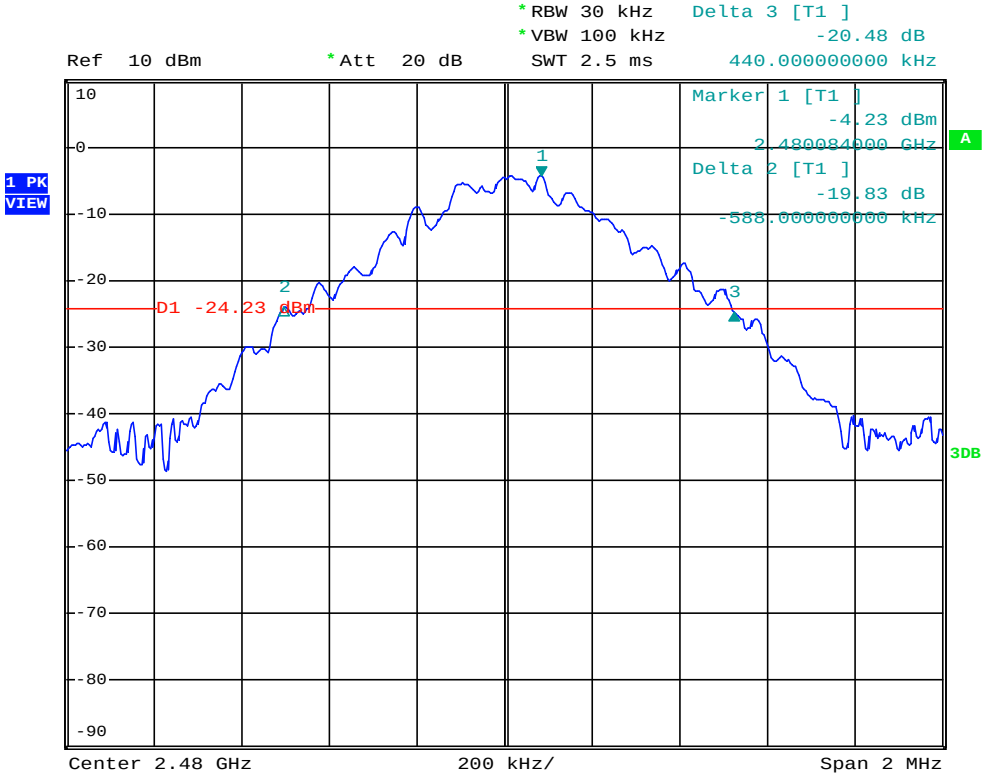
Low Channel of GFSK mode



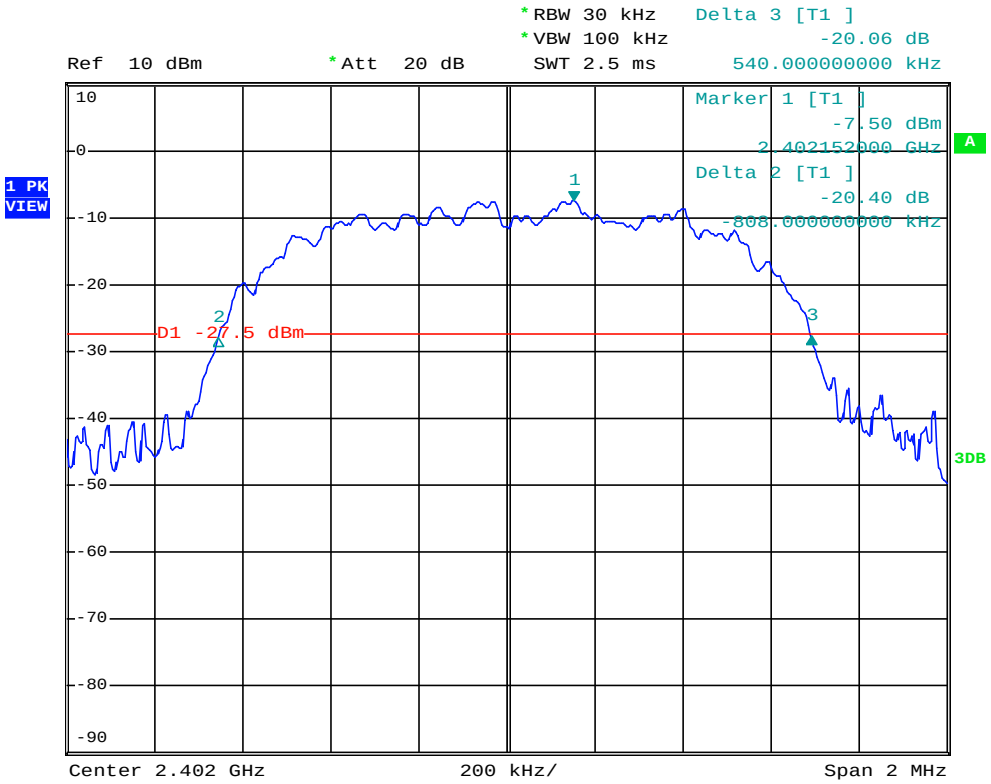
Middle Channel of GFSK mode



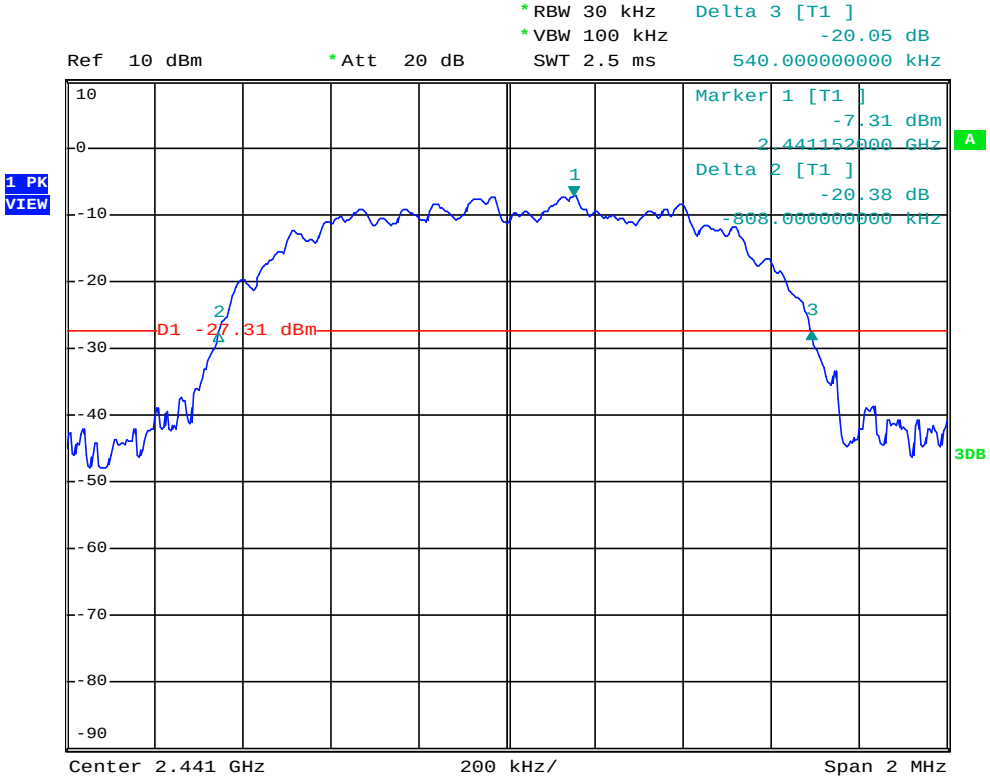
High Channel of GFSK mode



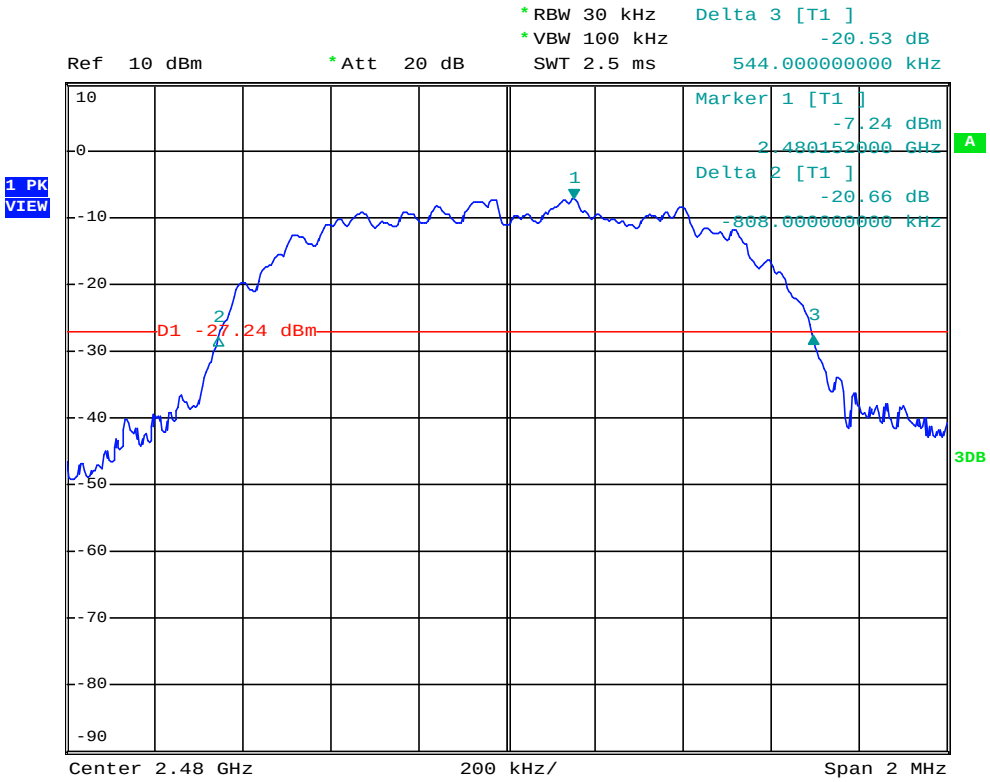
Low Channel of 8-DPSK mode



Middle Channel of 8-DPSK mode

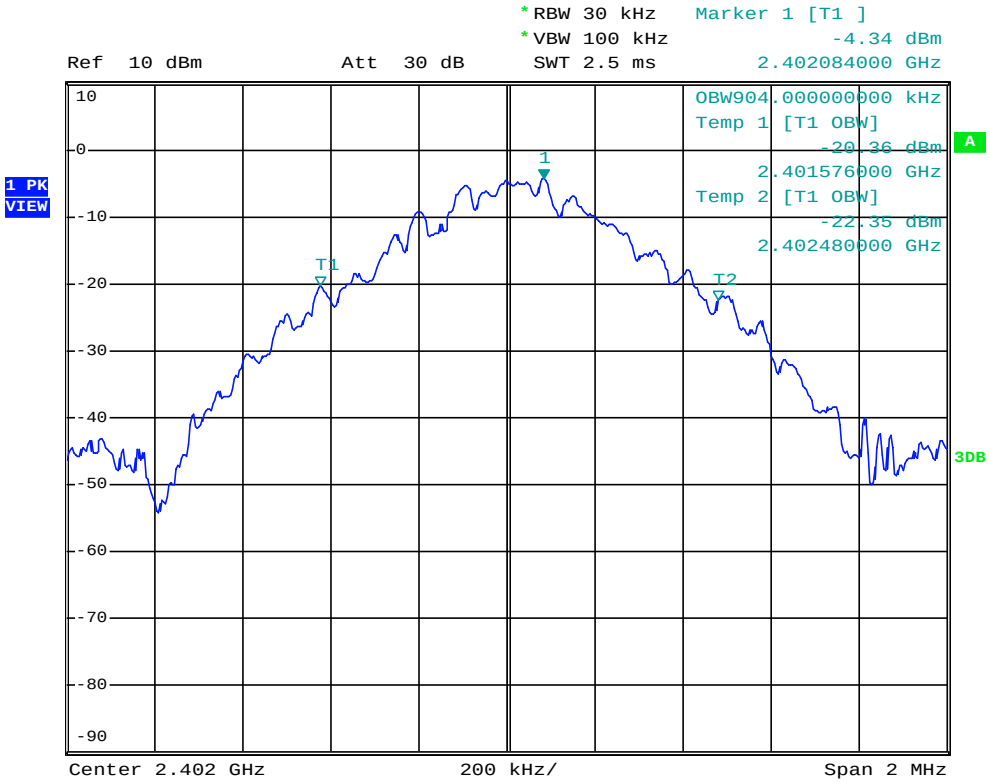


High Channel of 8-DPSK mode

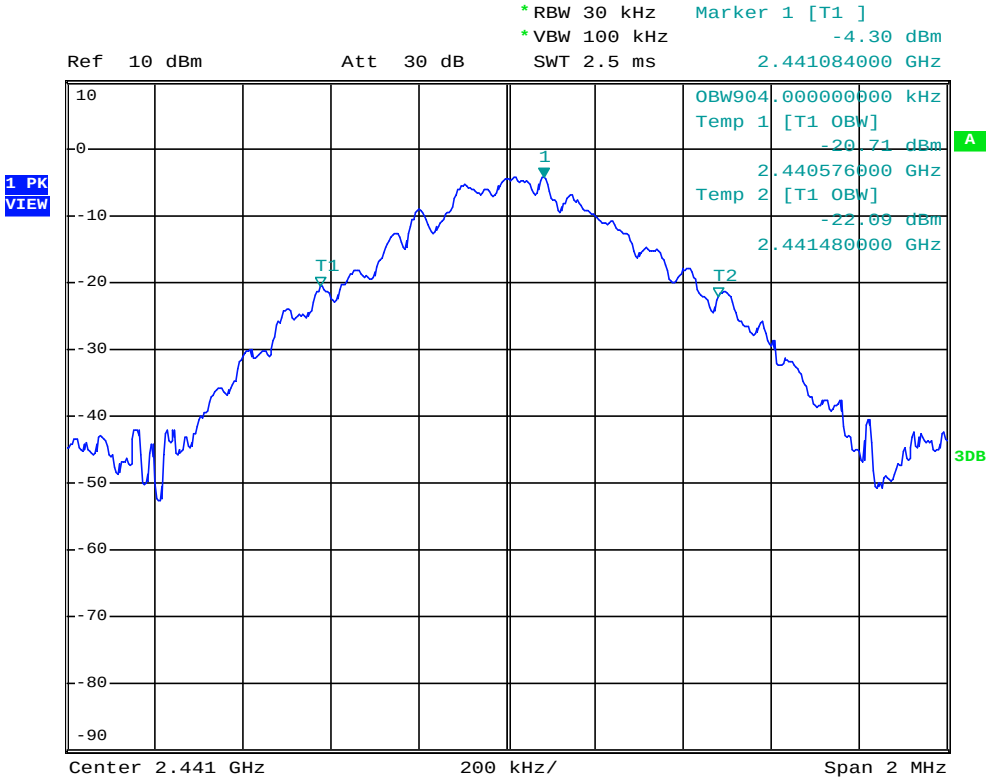


99% Bandwidth

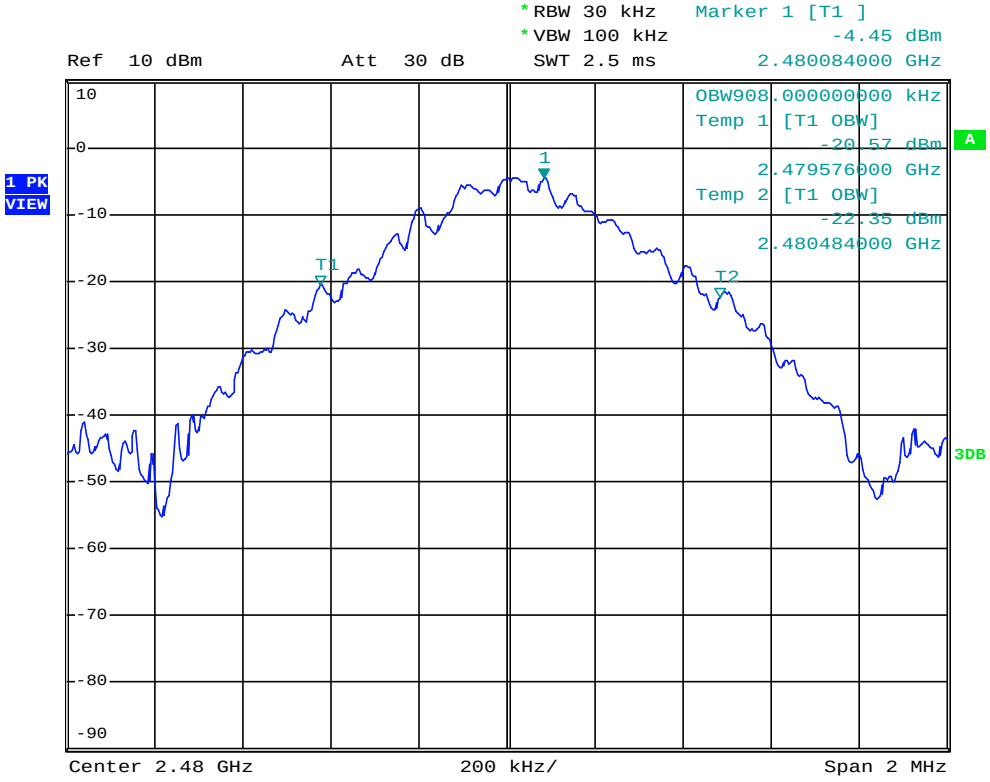
Low Channel of GFSK mode



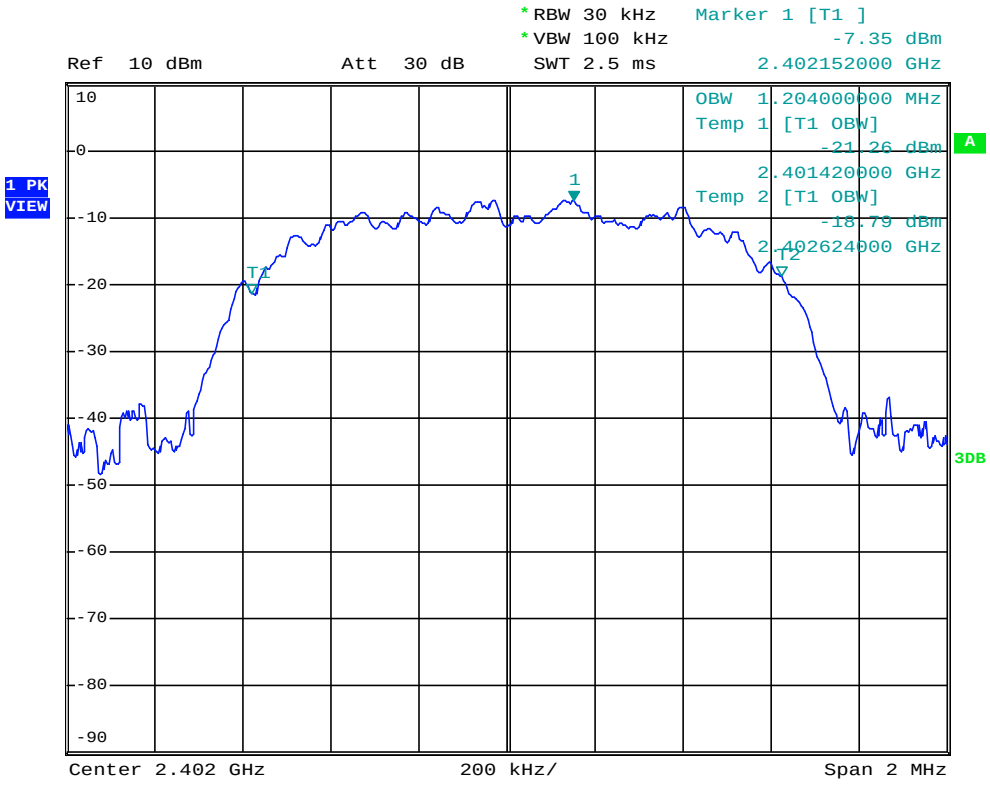
Middle Channel of GFSK mode



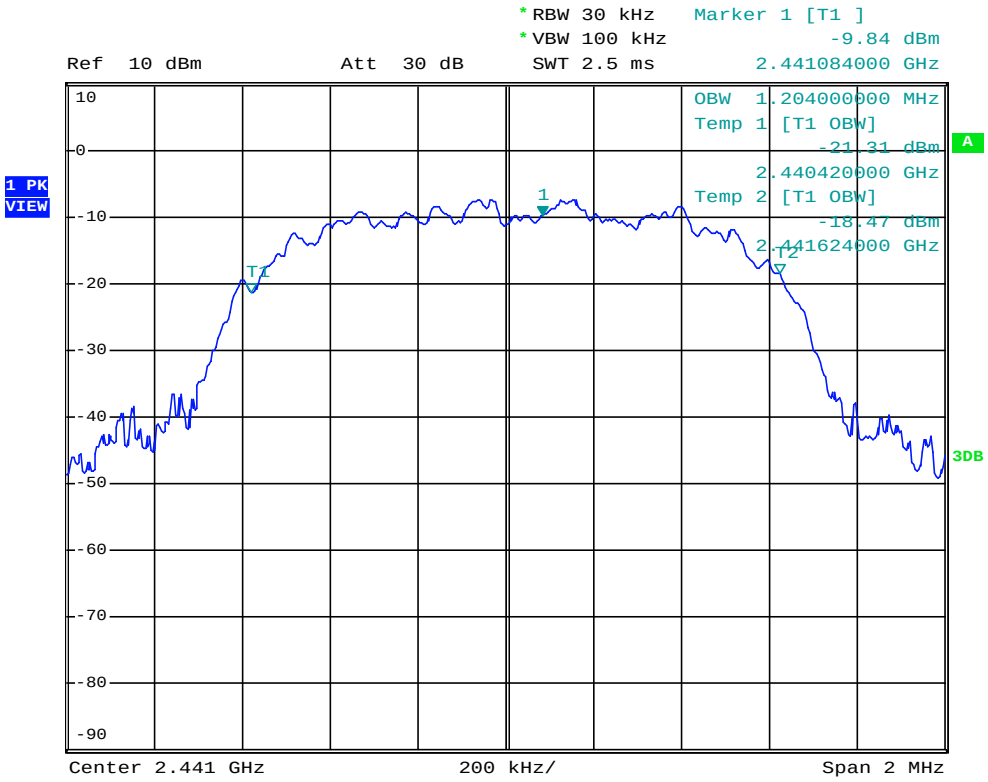
High Channel of GFSK mode



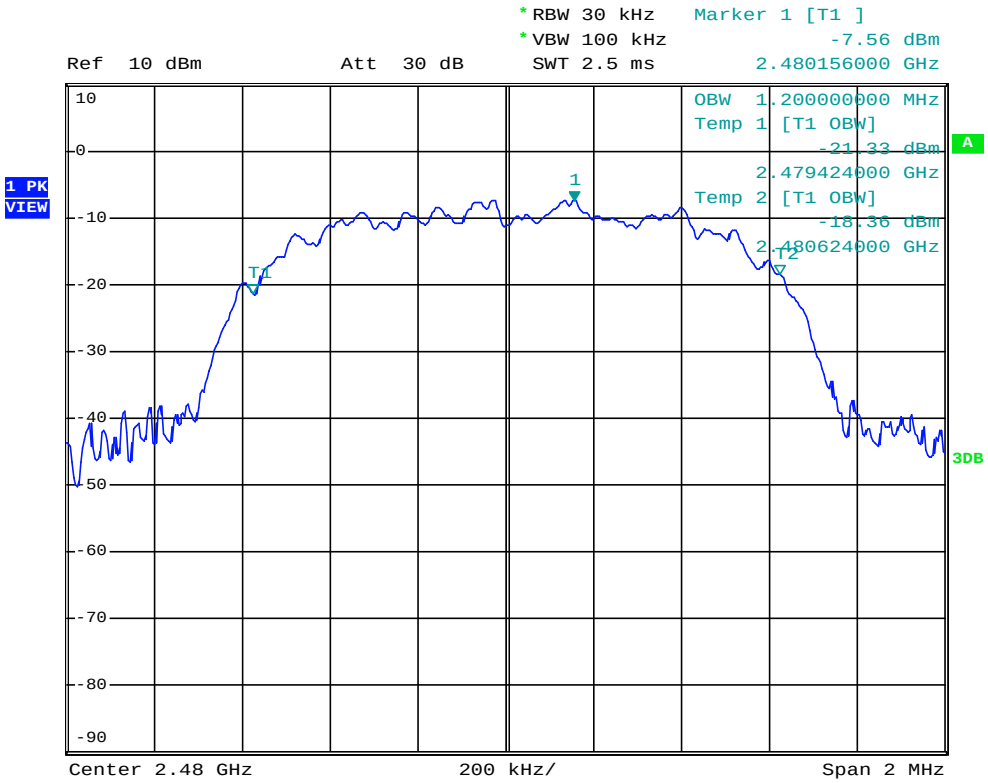
Low Channel of 8-DPSK mode



Middle Channel of 8-DPSK mode

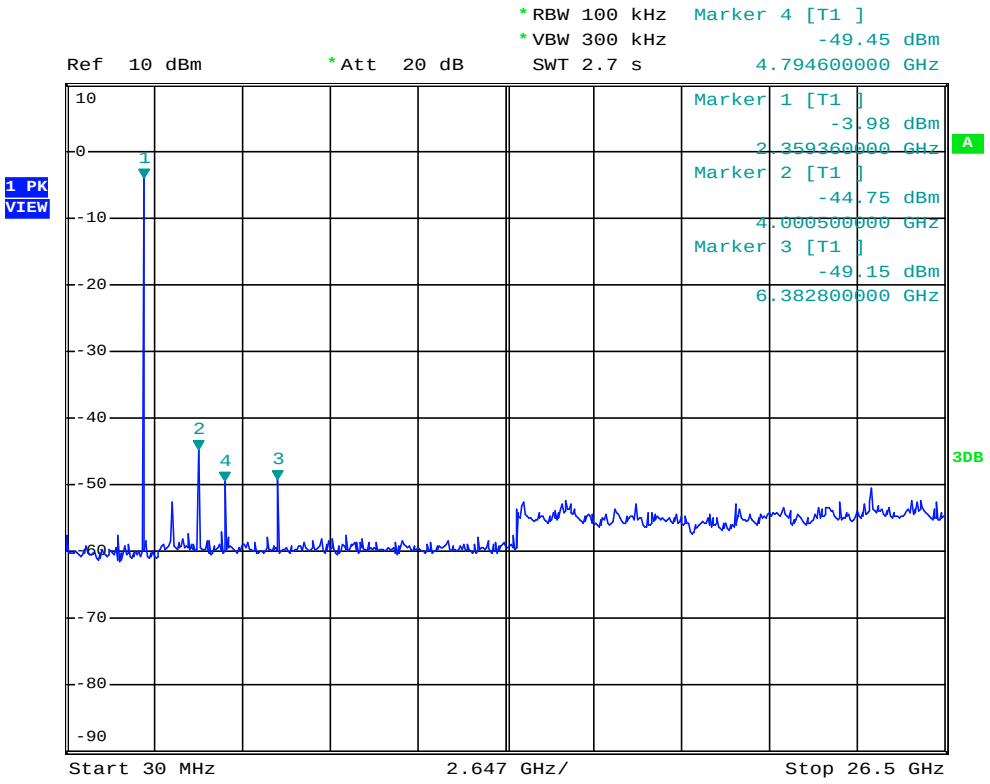


High Channel of 8-DPSK mode

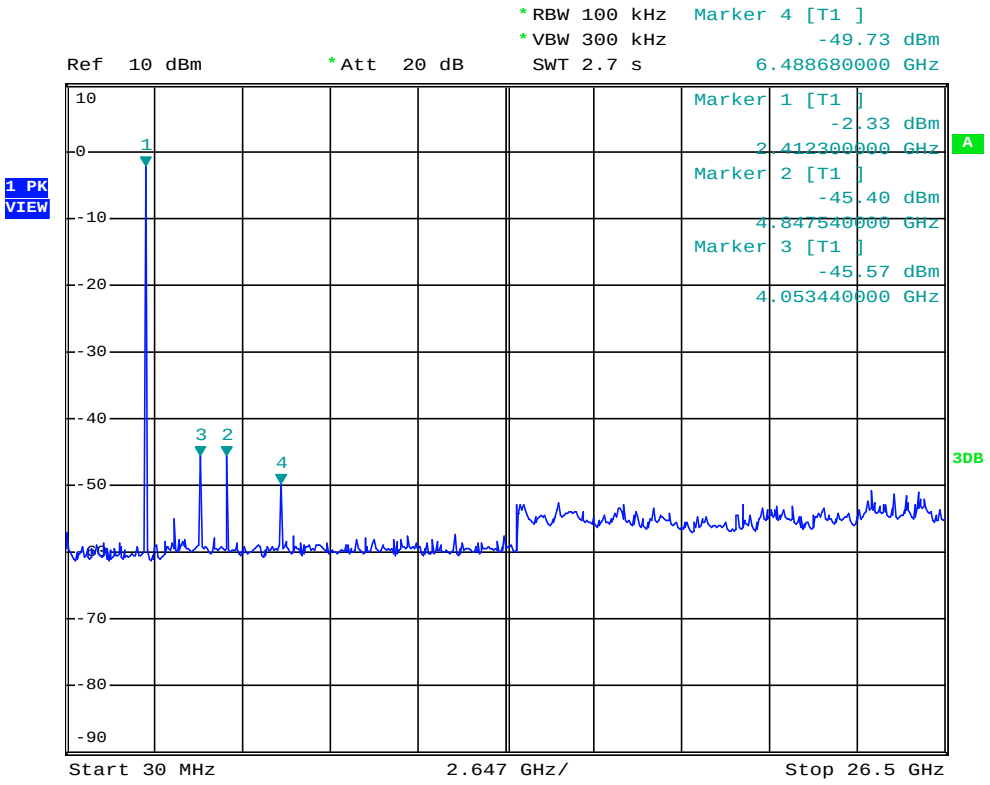


Conducted Spurious Emissions Measured in 100 kHz Bandwidth

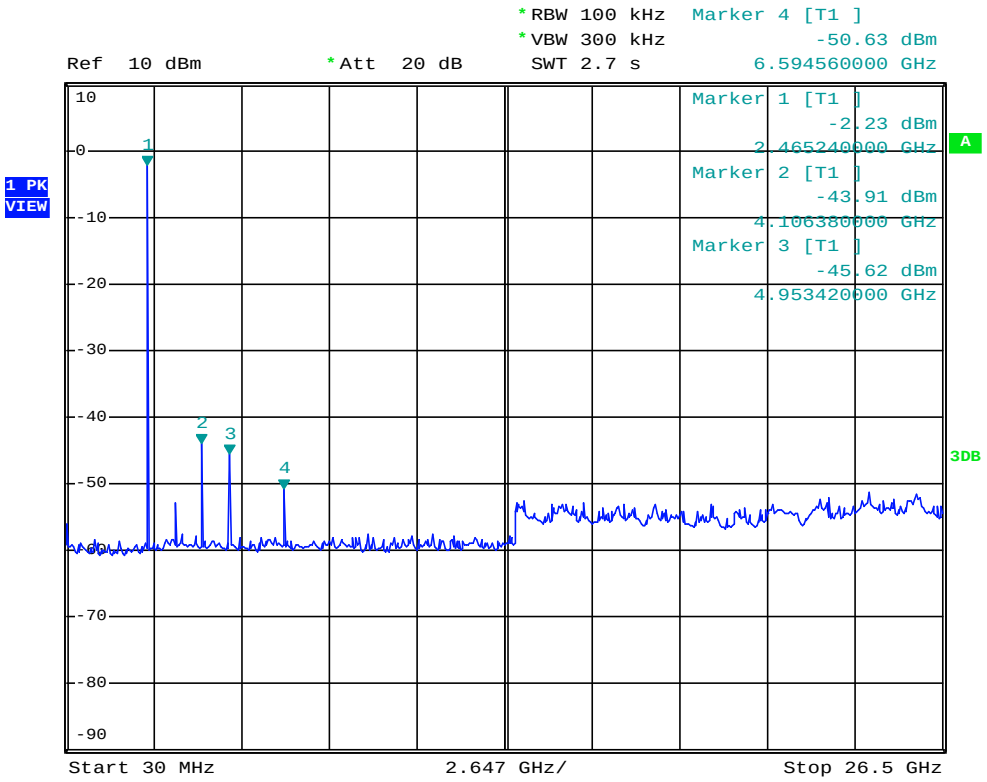
Low Channel of GFSK mode



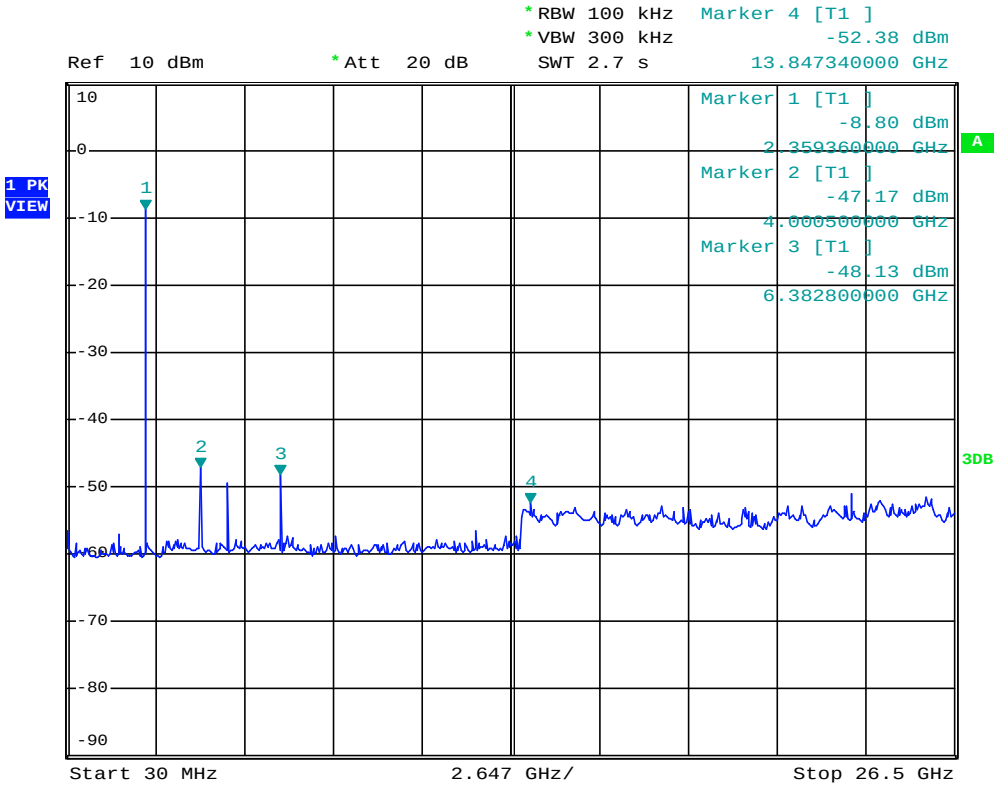
Middle Channel of GFSK mode



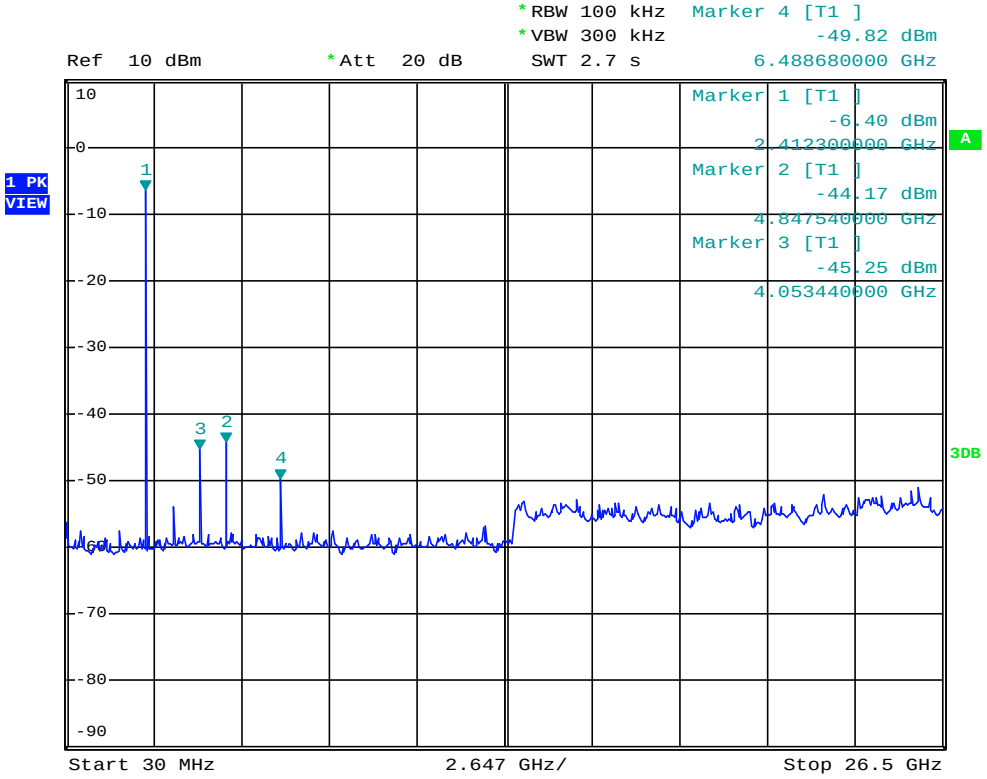
High Channel of GFSK mode



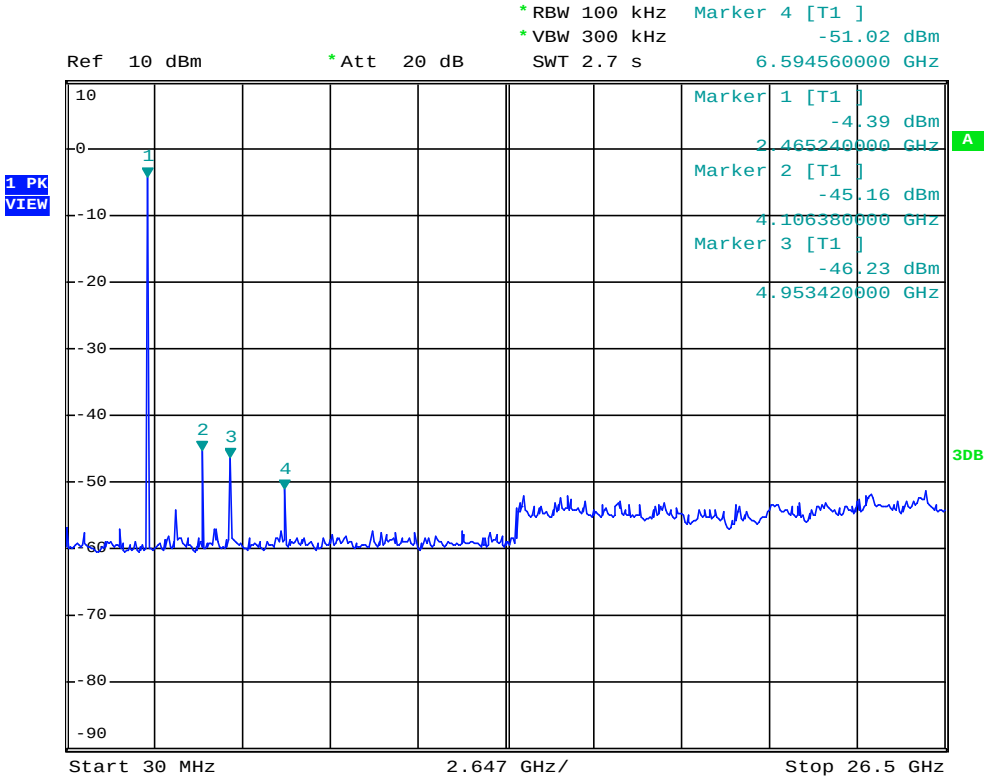
Low Channel of 8-DPSK mode



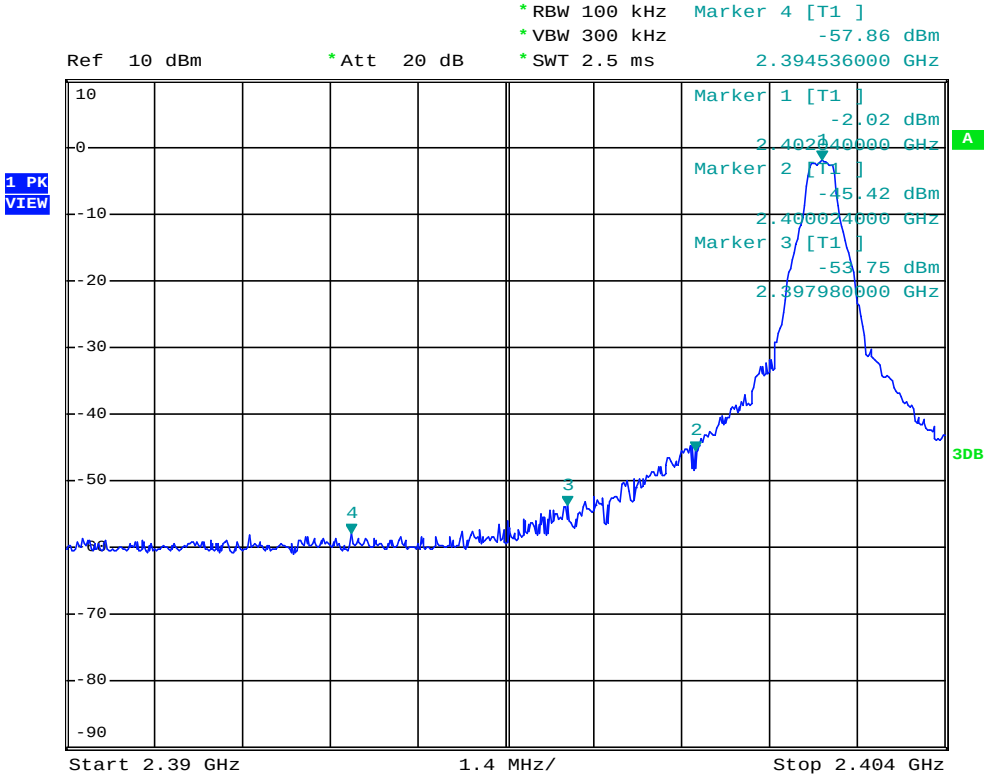
Middle Channel of 8-DPSK mode



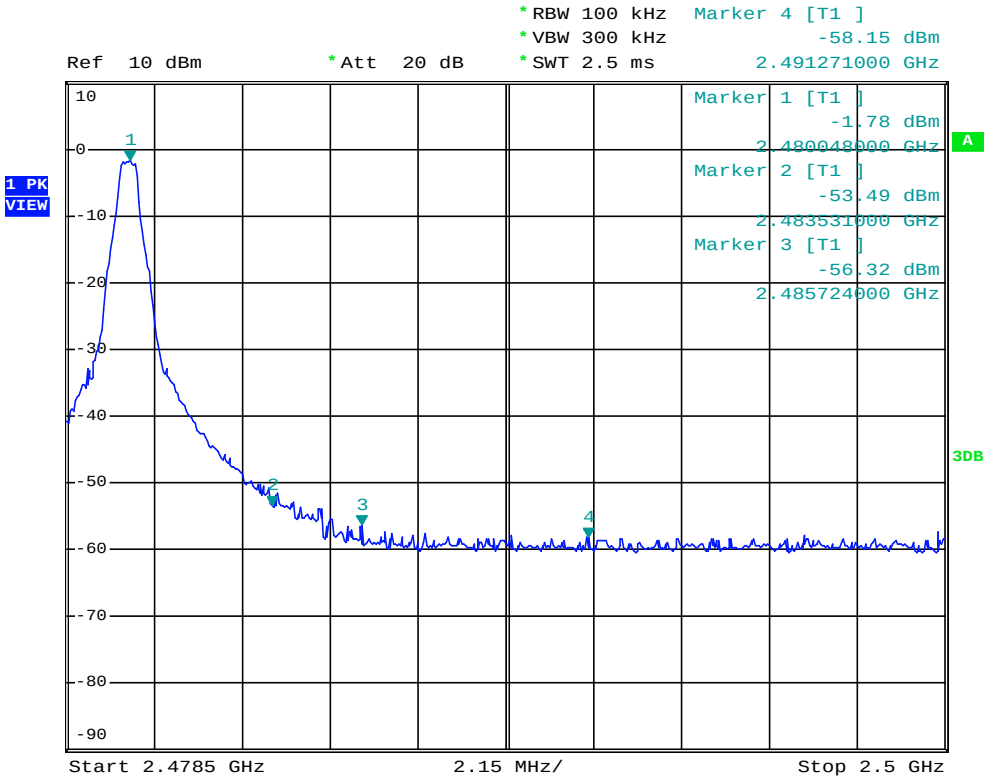
High Channel of 8-DPSK mode



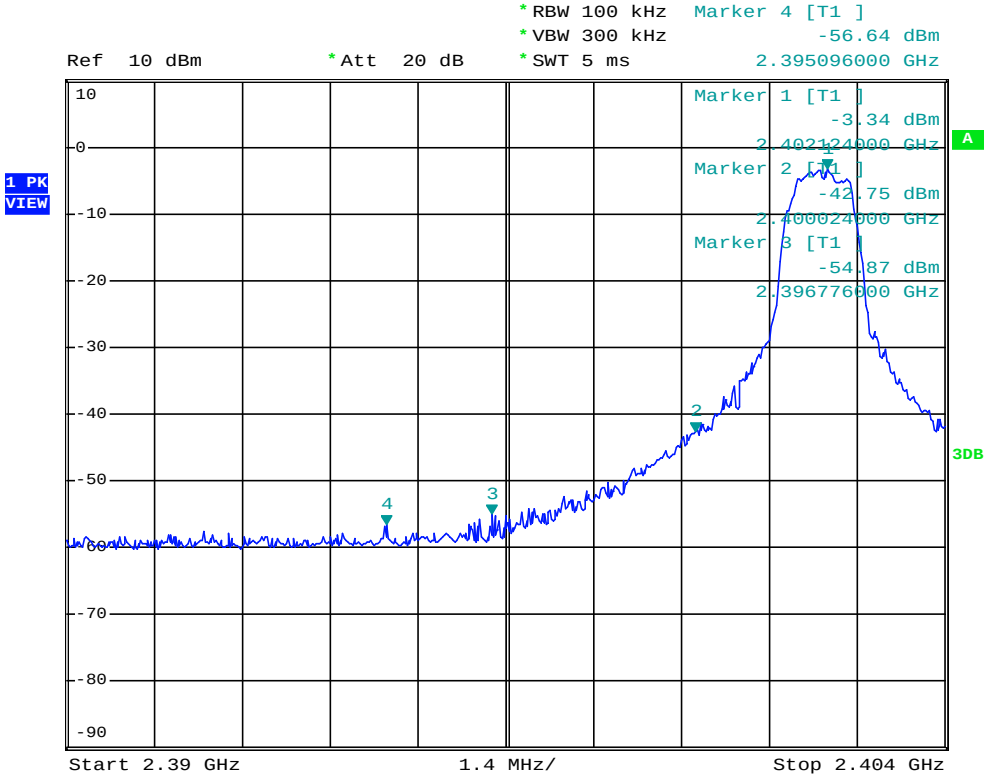
Band Edge, Low Channel of GFSK mode



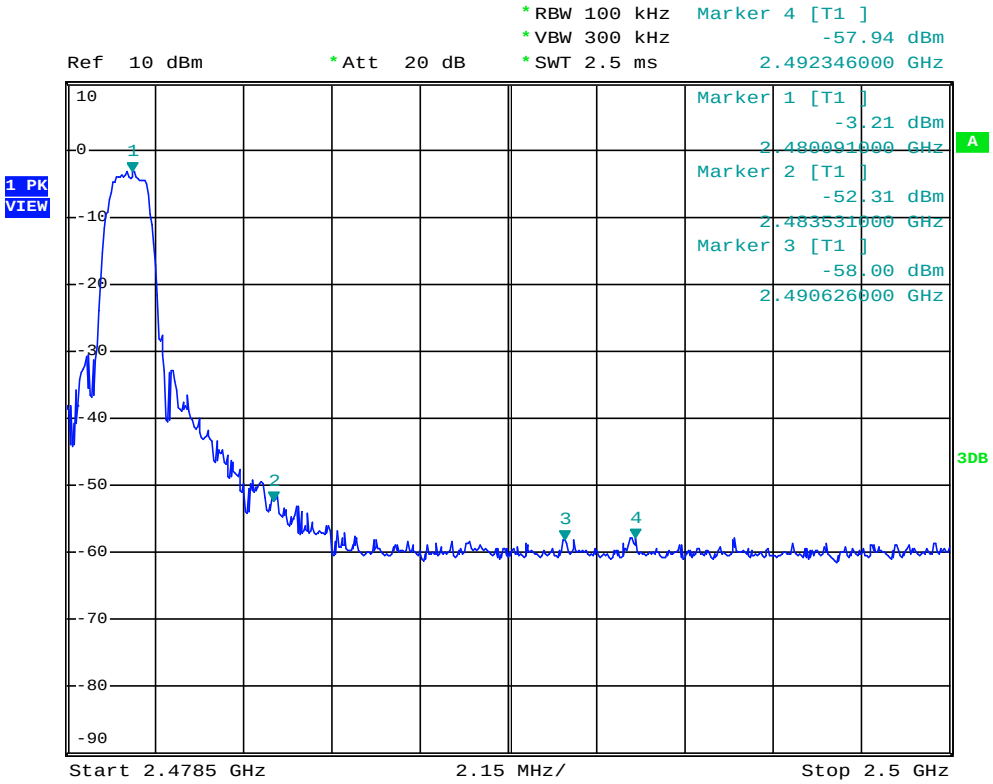
Band Edge, High Channel of GFSK mode



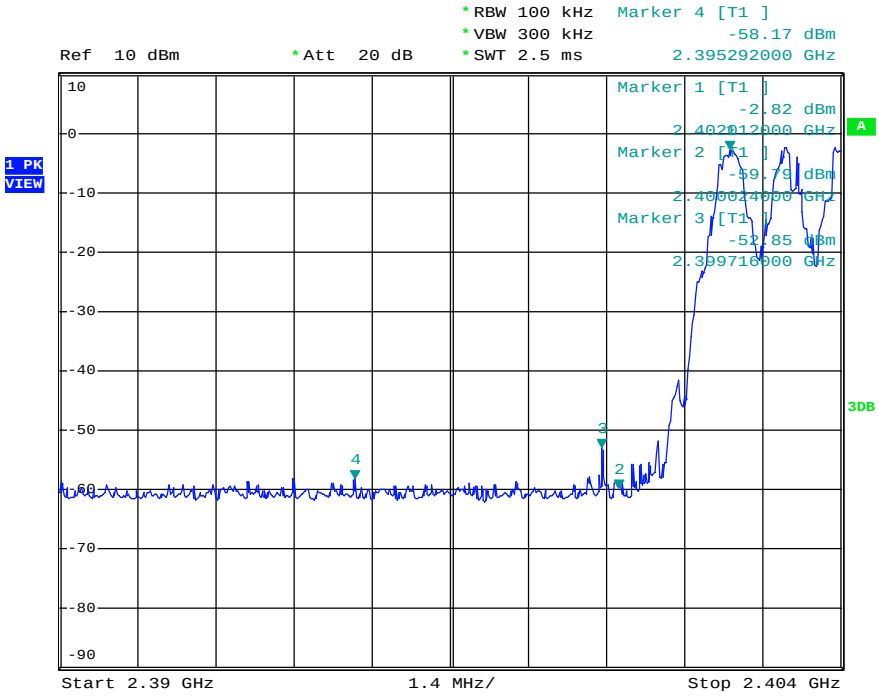
Band Edge, Low Channel of 8-DPSK mode



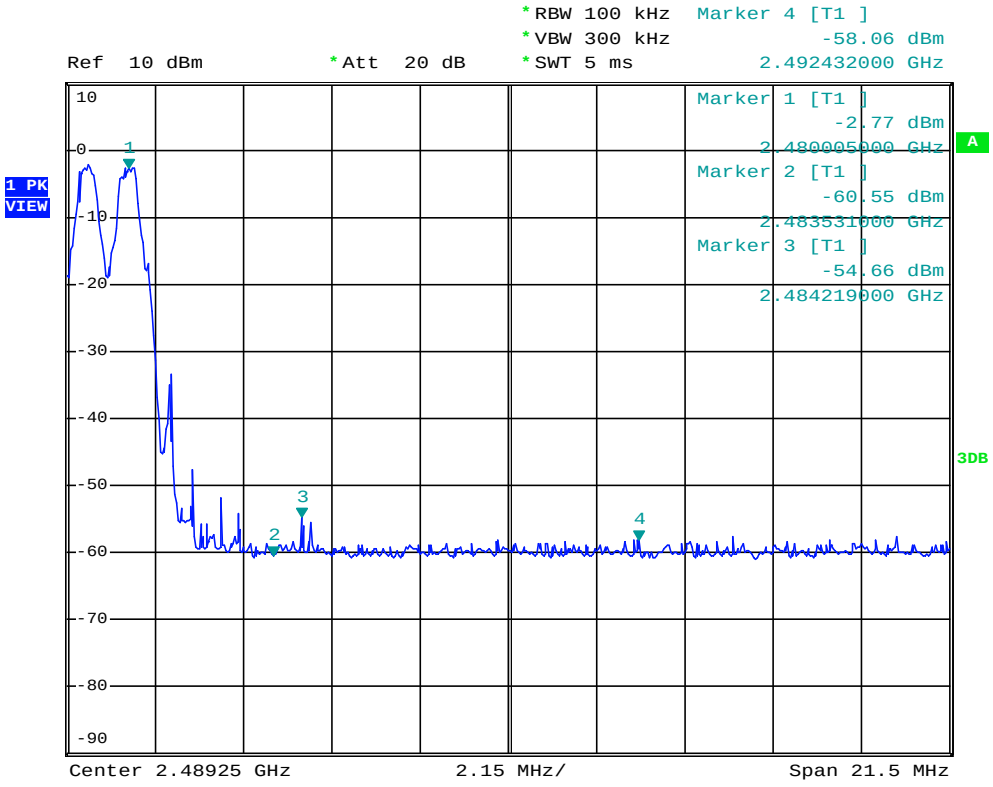
Band Edge, High Channel of 8-DPSK mode



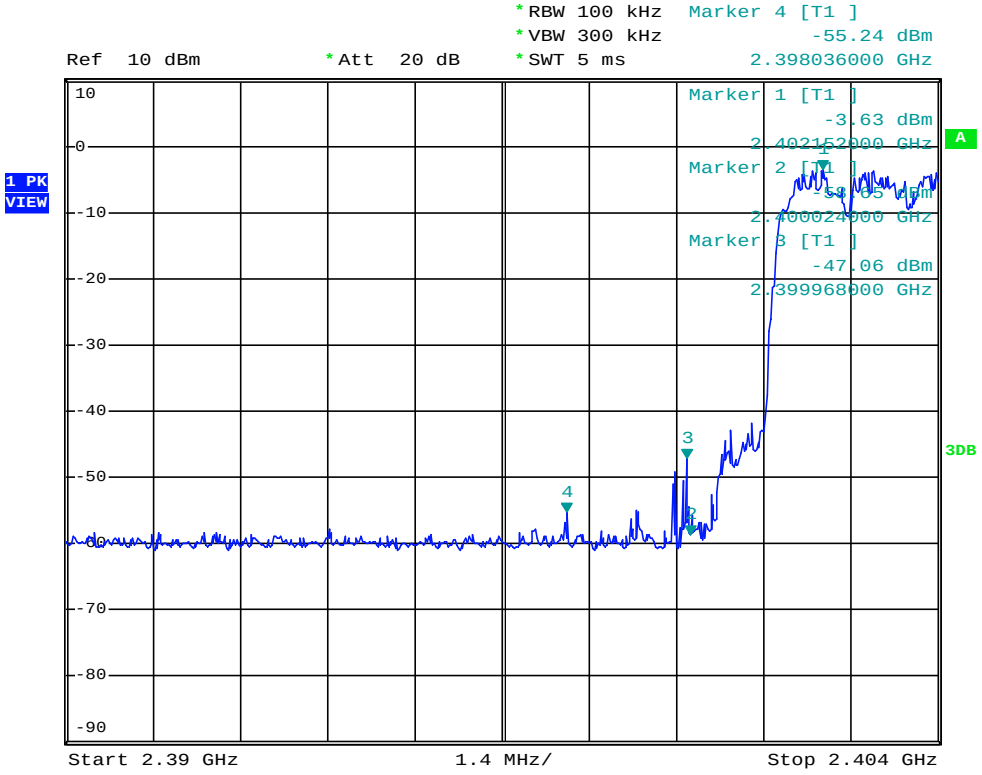
Band Edge of GFSK hopping mode

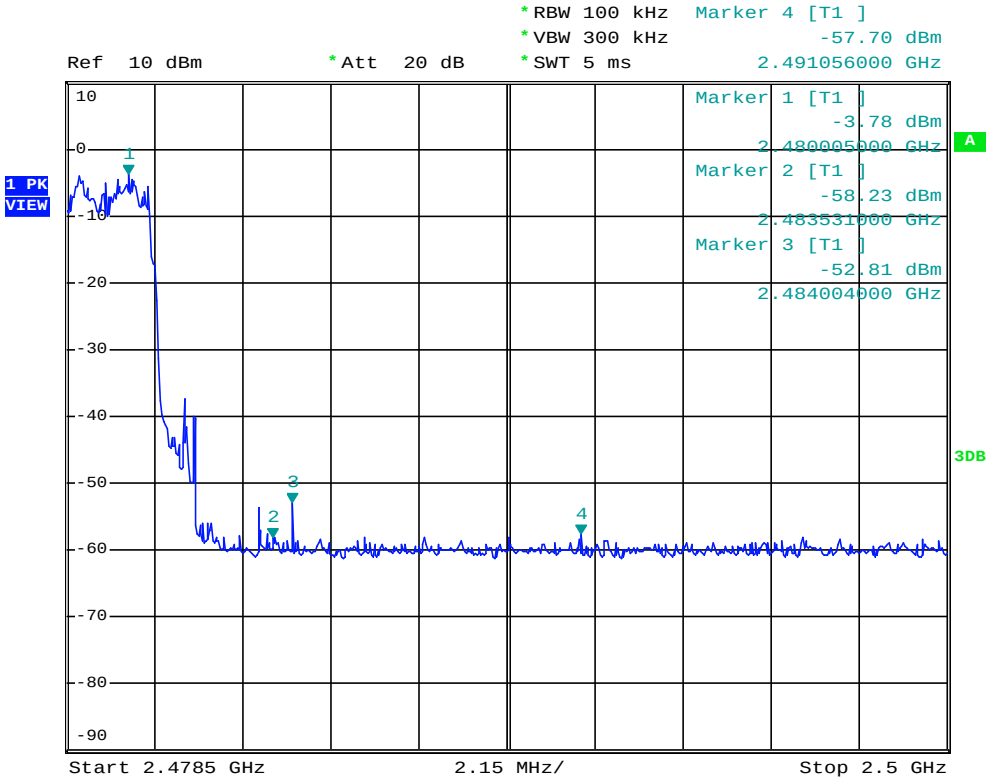


Date: 11.APR.2022 18:52:34



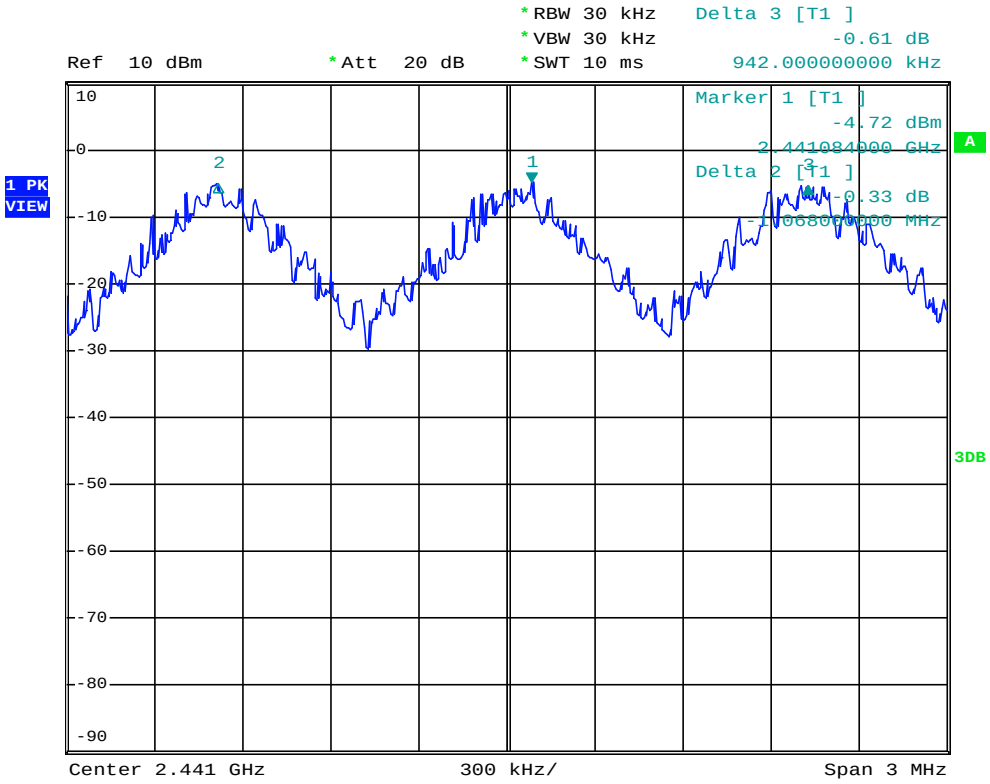
Band Edge of 8-DPSK hopping mode



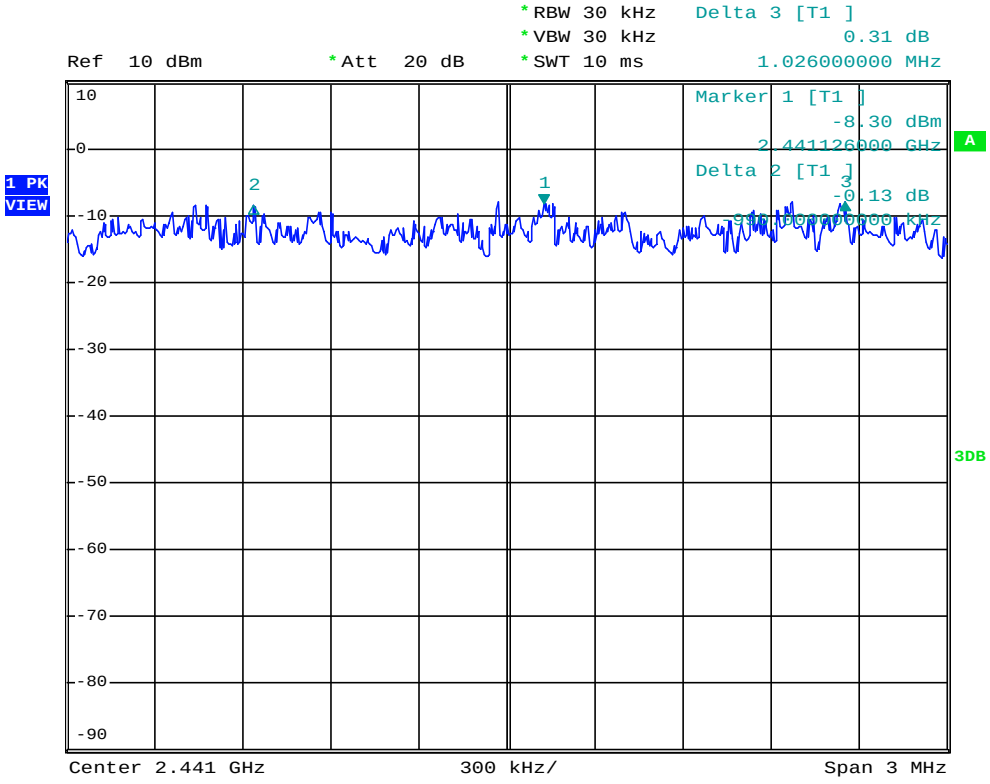


Carrier Frequency Separation

GFSK mode

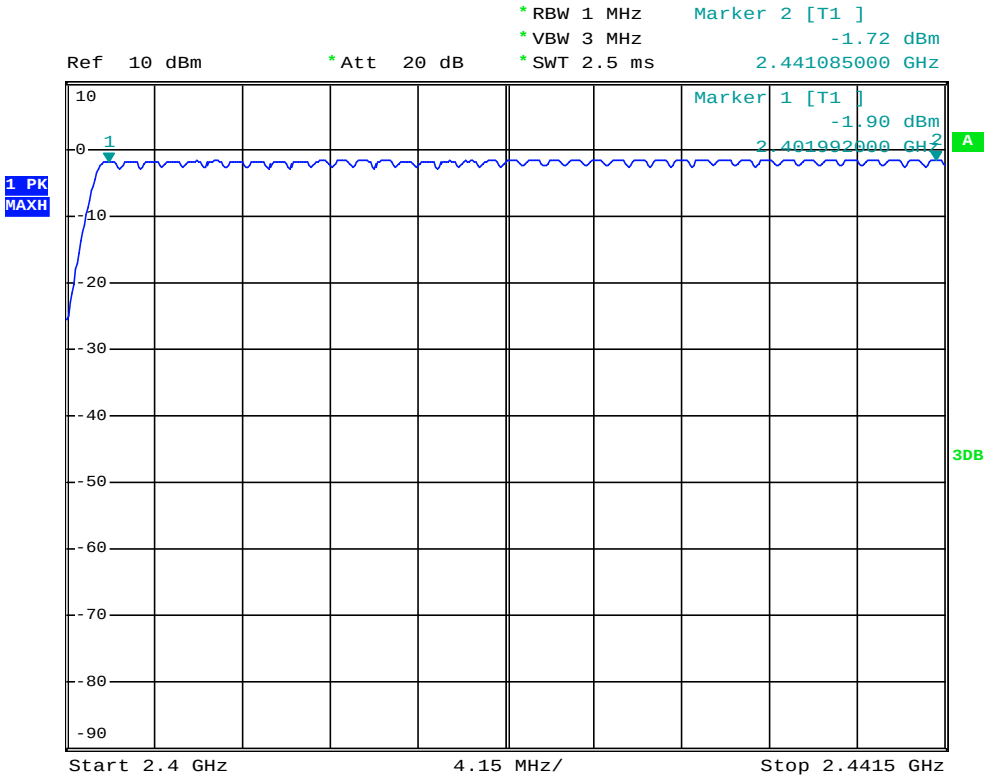


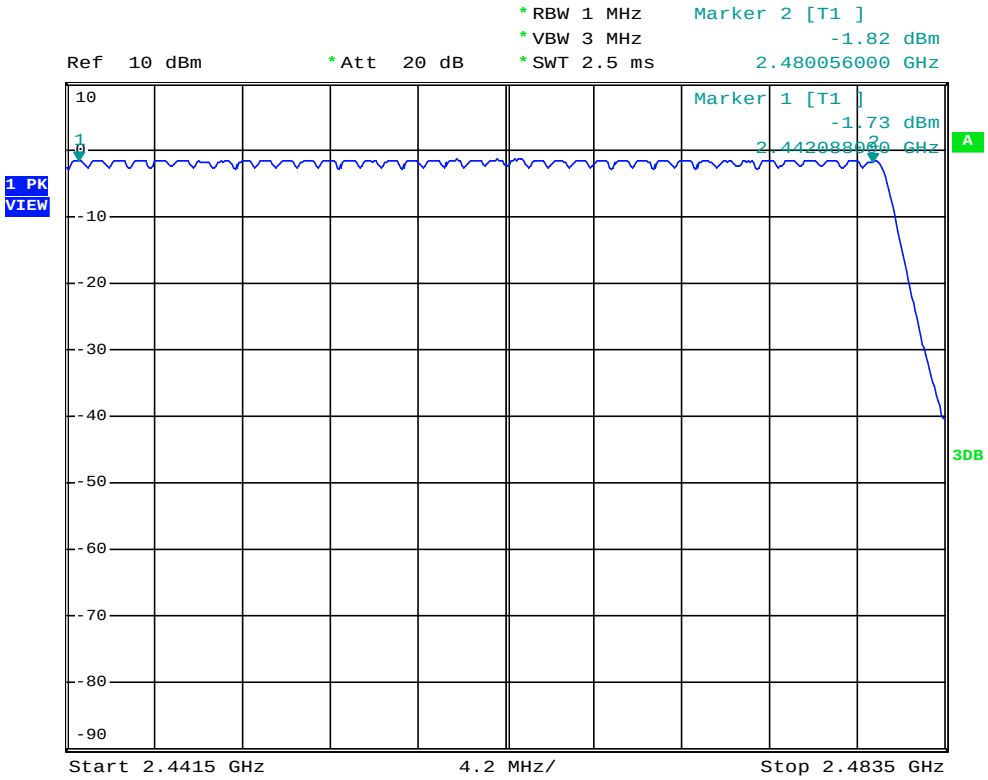
Low Channel of 8-DPSK mode



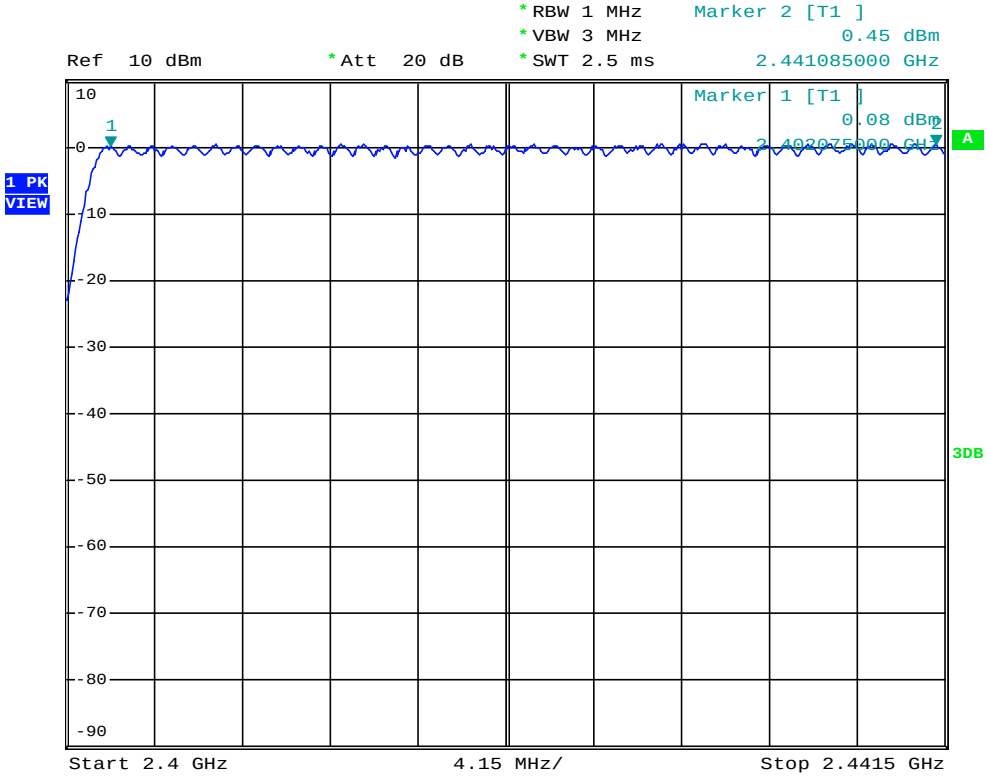
Number of Hopping Frequency

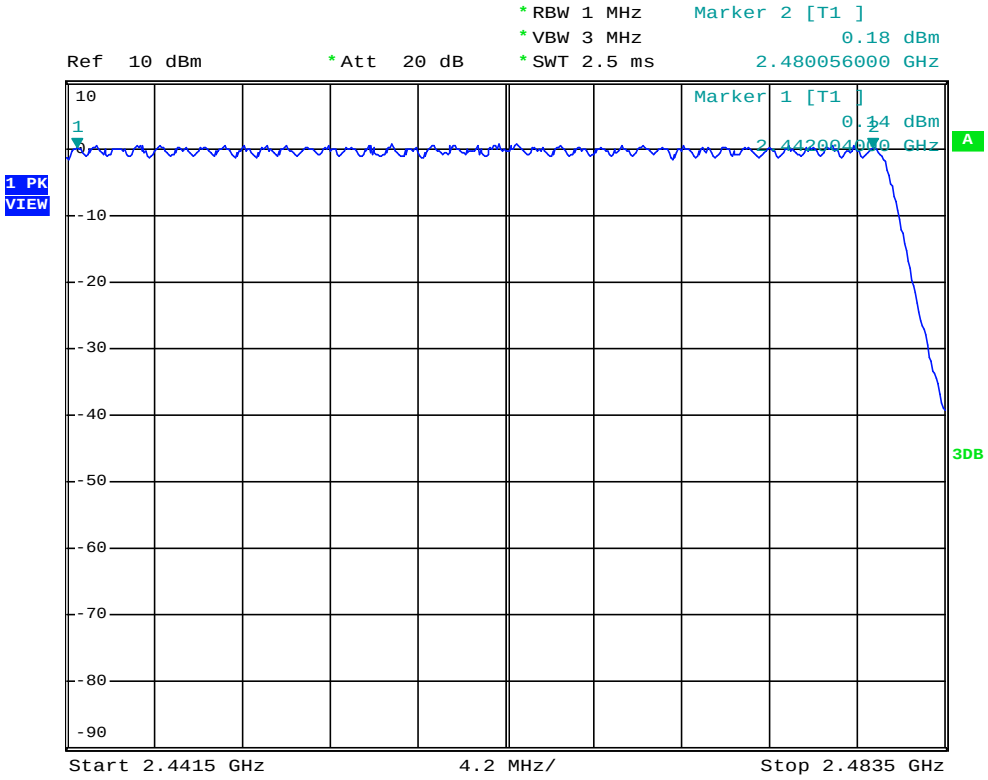
GFSK mode





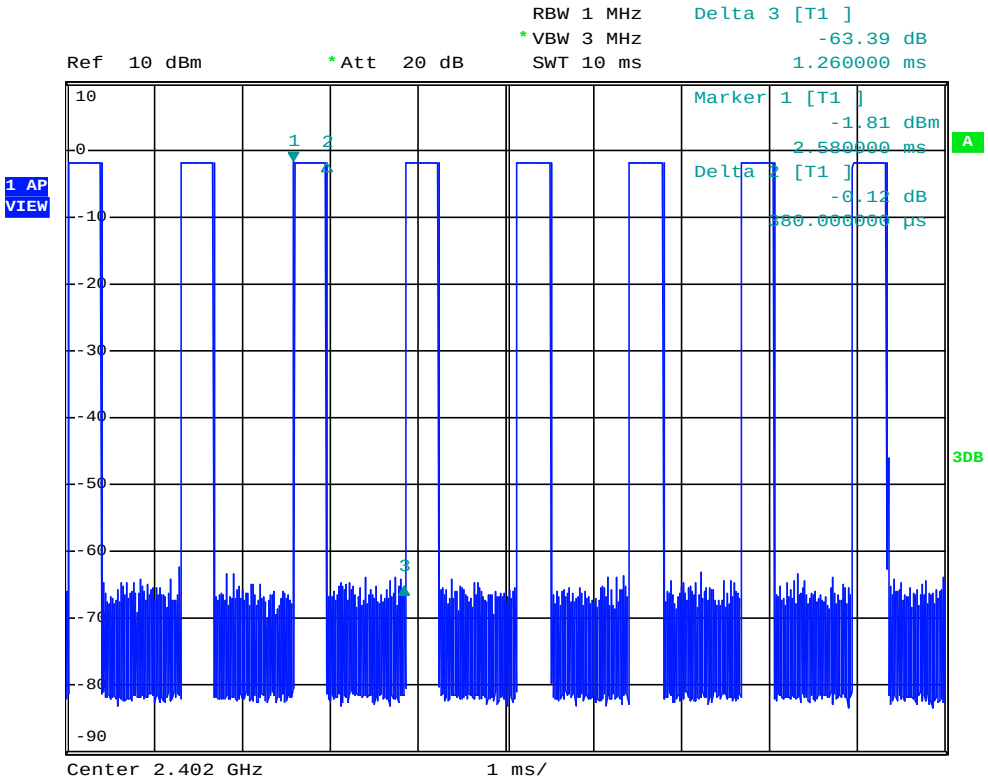
8-DPSK mode


*RBW 1 MHz
*VBW 3 MHz
*SWT 2.5 ms
Marker 2 [T1]
0.45 dBm
2.441085000 GHz
Ref 10 dBm
*Att 20 dB
Marker 1 [T1]
0.08 dBm
2.402075000 GHz
1 PK
VIEW
A
3DB
Start 2.4 GHz
4.15 MHz/
Stop 2.4415 GHz

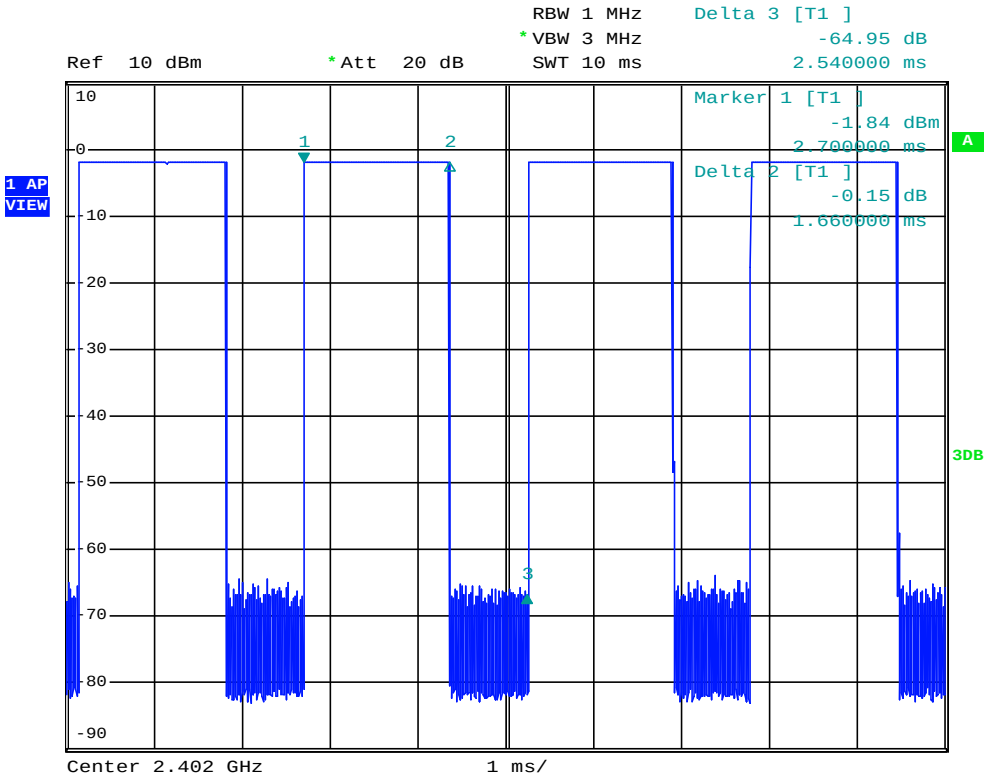

*RBW 1 MHz
*VBW 3 MHz
*SWT 2.5 ms
Marker 2 [T1]
0.18 dBm
2.480056000 GHz
Ref 10 dBm
*Att 20 dB
Marker 1 [T1]
0.14 dBm
2.442004000 GHz
1 PK
VIEW
A
3DB
Start 2.4415 GHz
4.2 MHz/
Stop 2.4835 GHz

Time of Occupancy

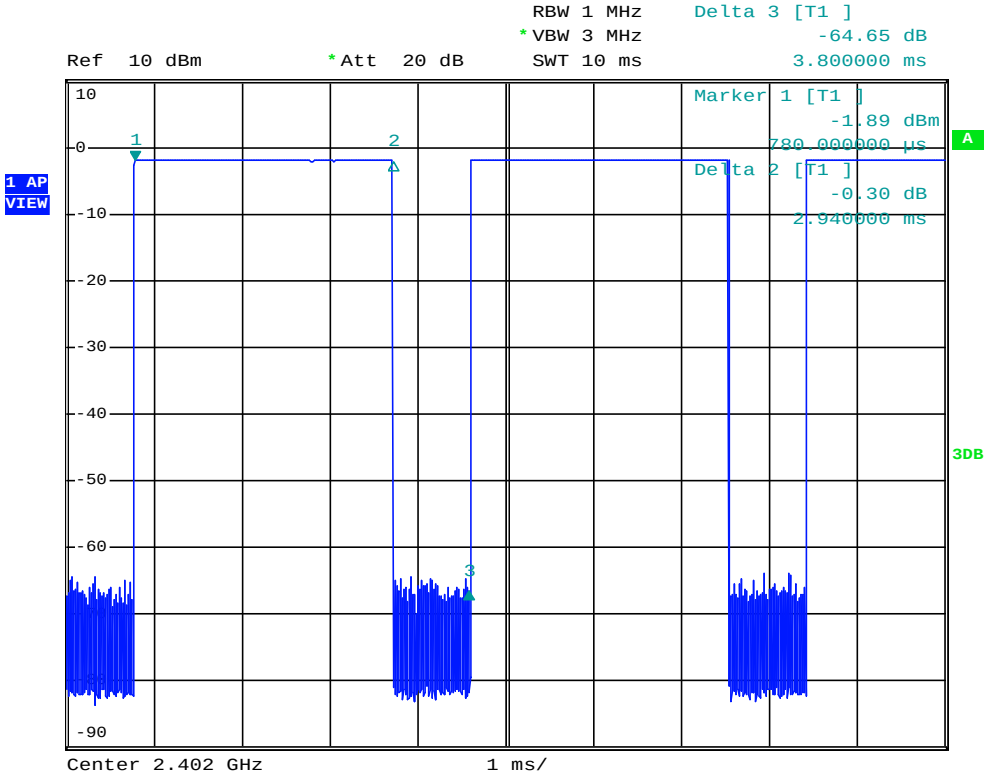
Low Channel of DH1 mode



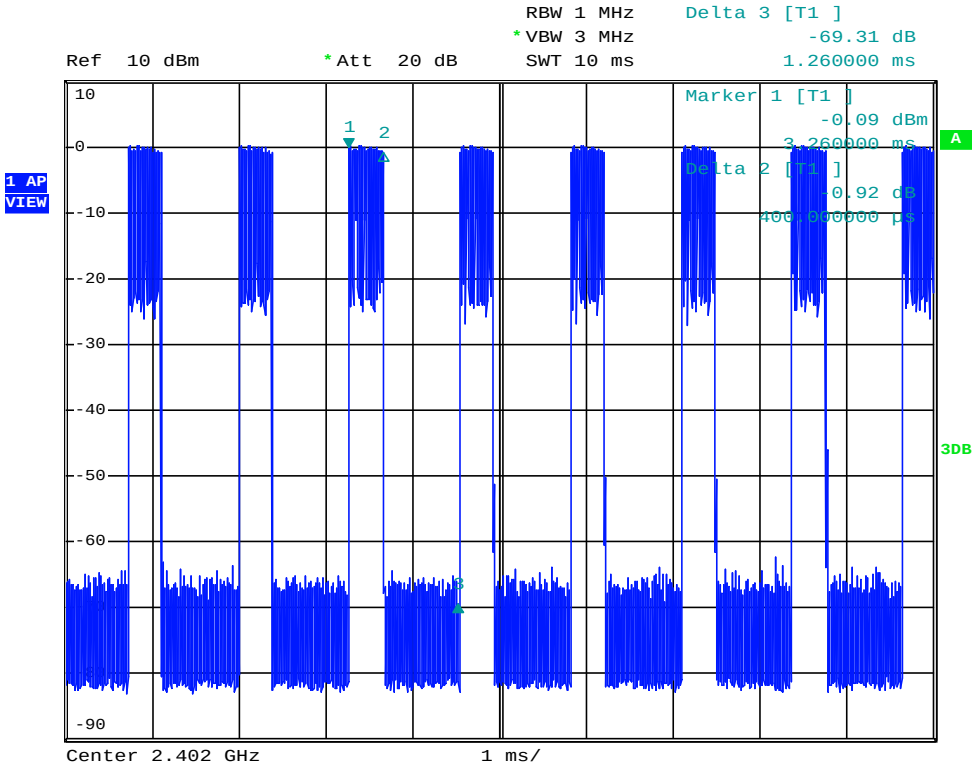
Low Channel of DH3 mode



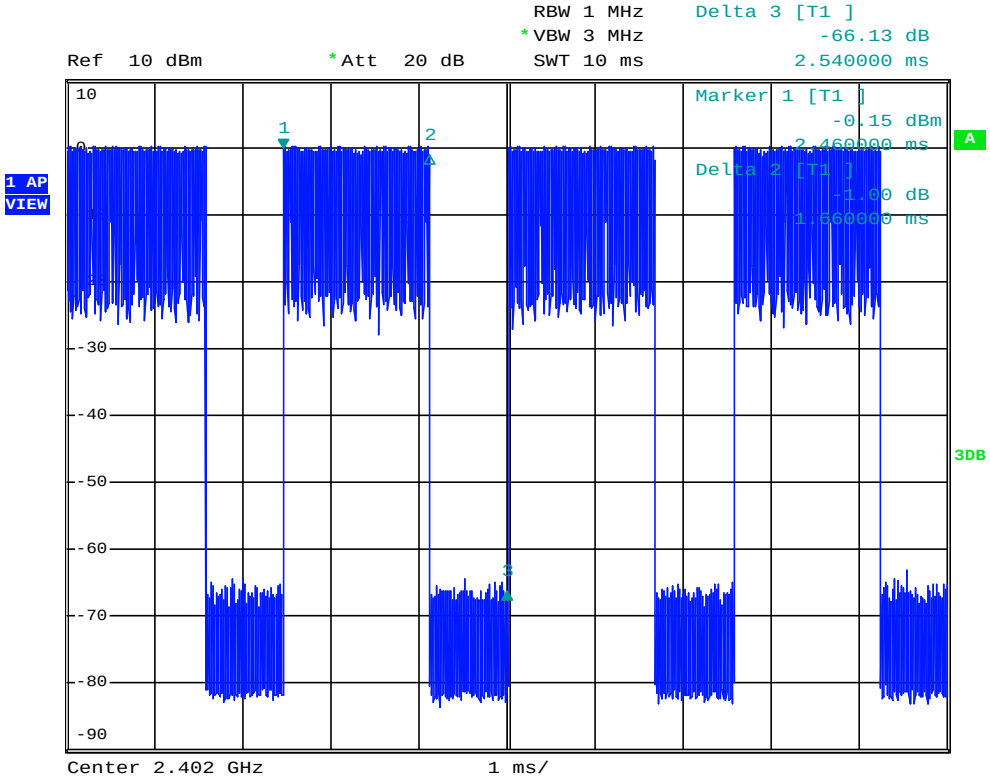
Low Channel of DH5 mode



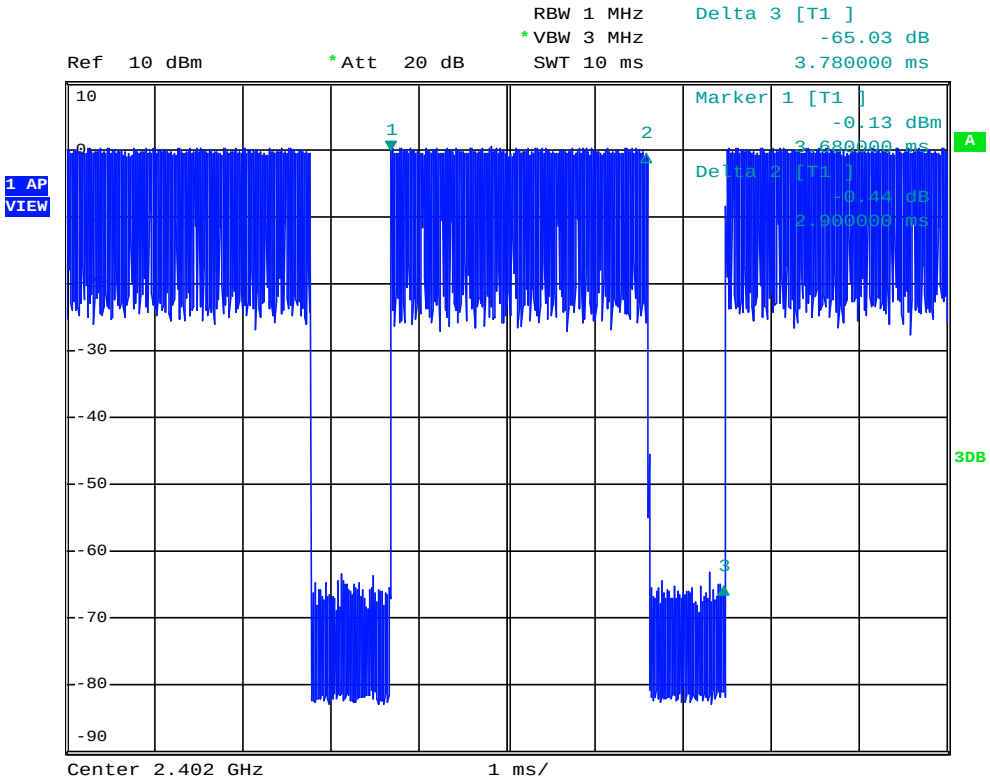
Low Channel of 3DH1 mode



Low Channel of 3DH3 mode



Low Channel of 3DH5 mode

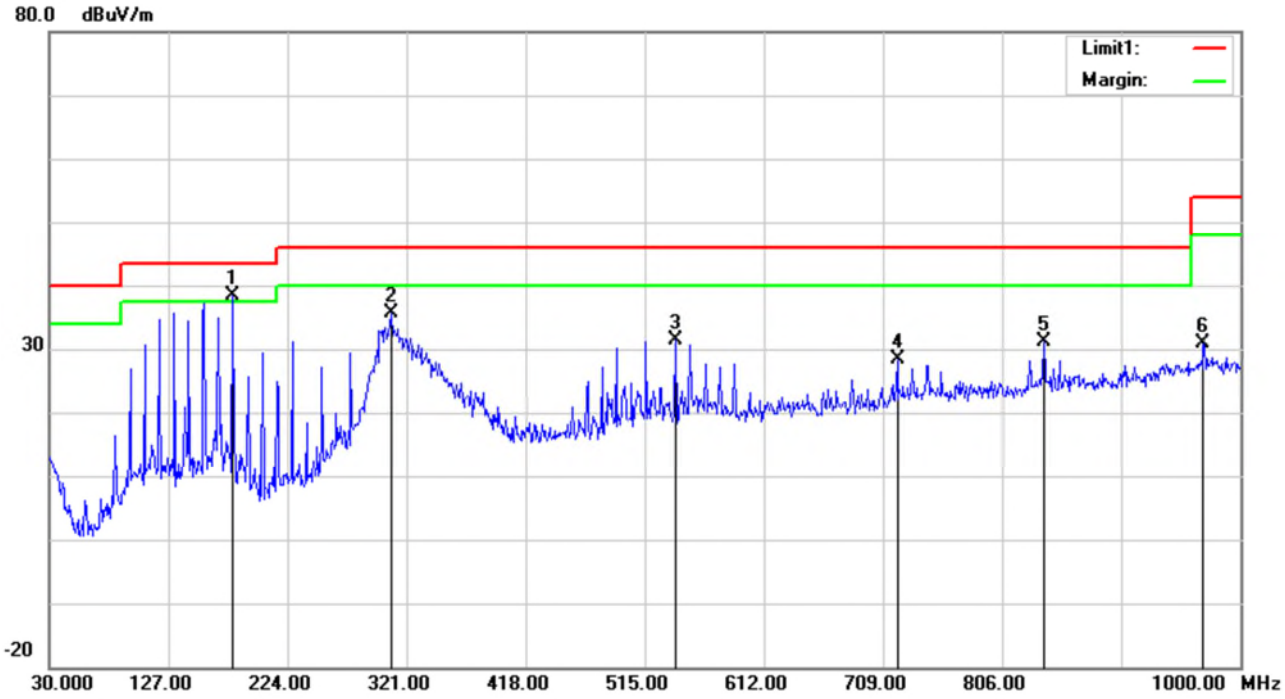


Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz -26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Test Results of Radiated Spurious Emissions

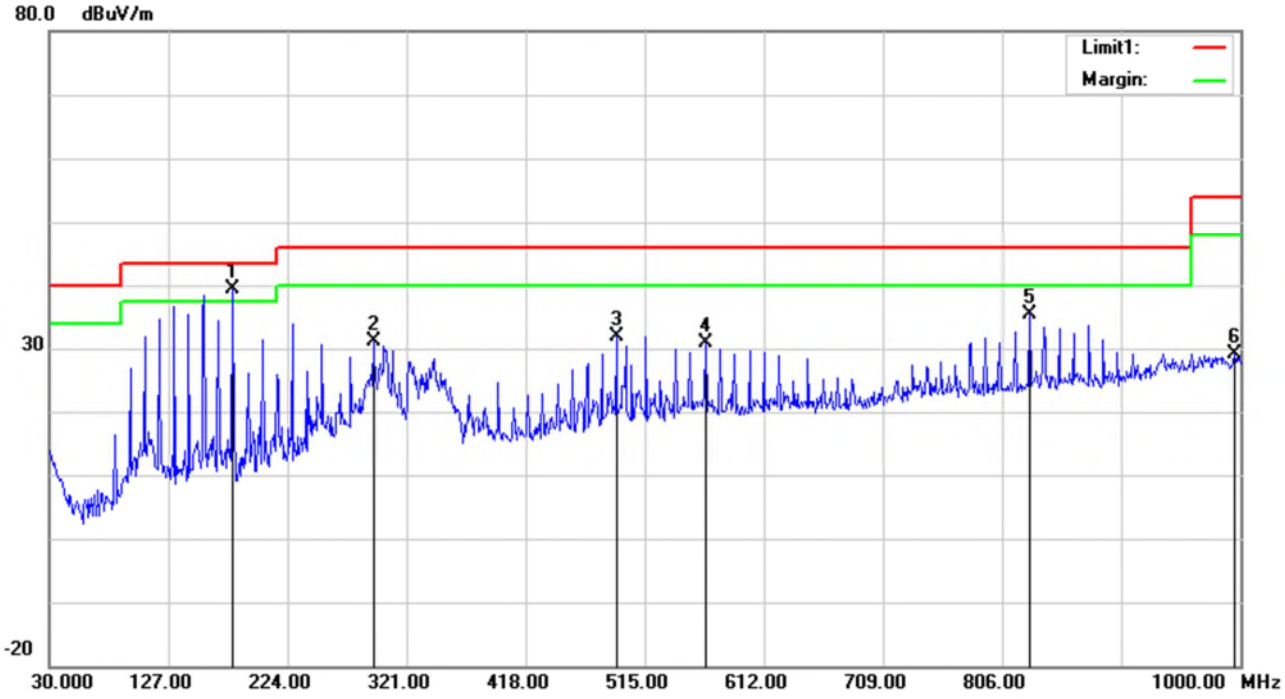
30MHz - 1GHz

Mode:	GFSK_L CH	Ant.Polar.:	Horizontal



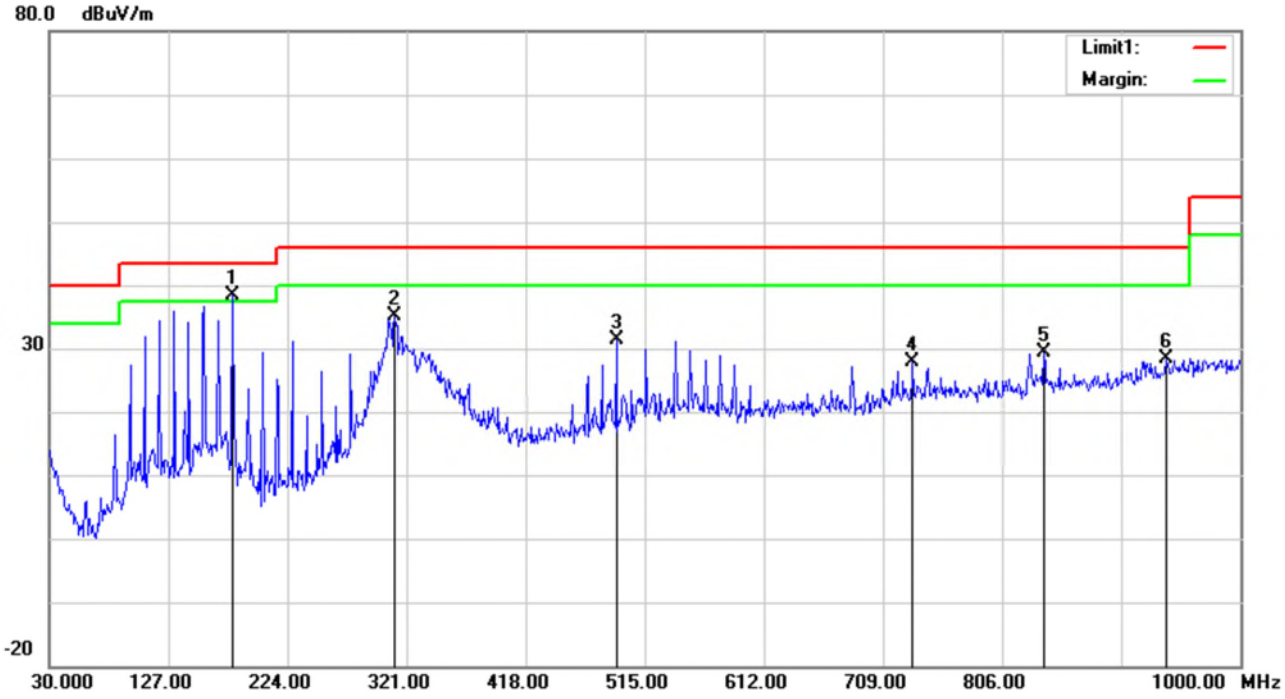
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	58.48	-20.02	38.46	43.50	-5.04	QP
2	308.3900	50.20	-14.52	35.68	46.00	-10.32	QP
3	540.2200	38.31	-6.84	31.47	46.00	-14.53	QP
4	720.6400	31.48	-3.20	28.28	46.00	-17.72	QP
5	839.9500	31.43	-0.34	31.09	46.00	-14.91	QP
6	969.9300	28.79	2.00	30.79	54.00	-23.21	QP

Mode:	GFSK_L CH	Ant.Polar.:	Vertical



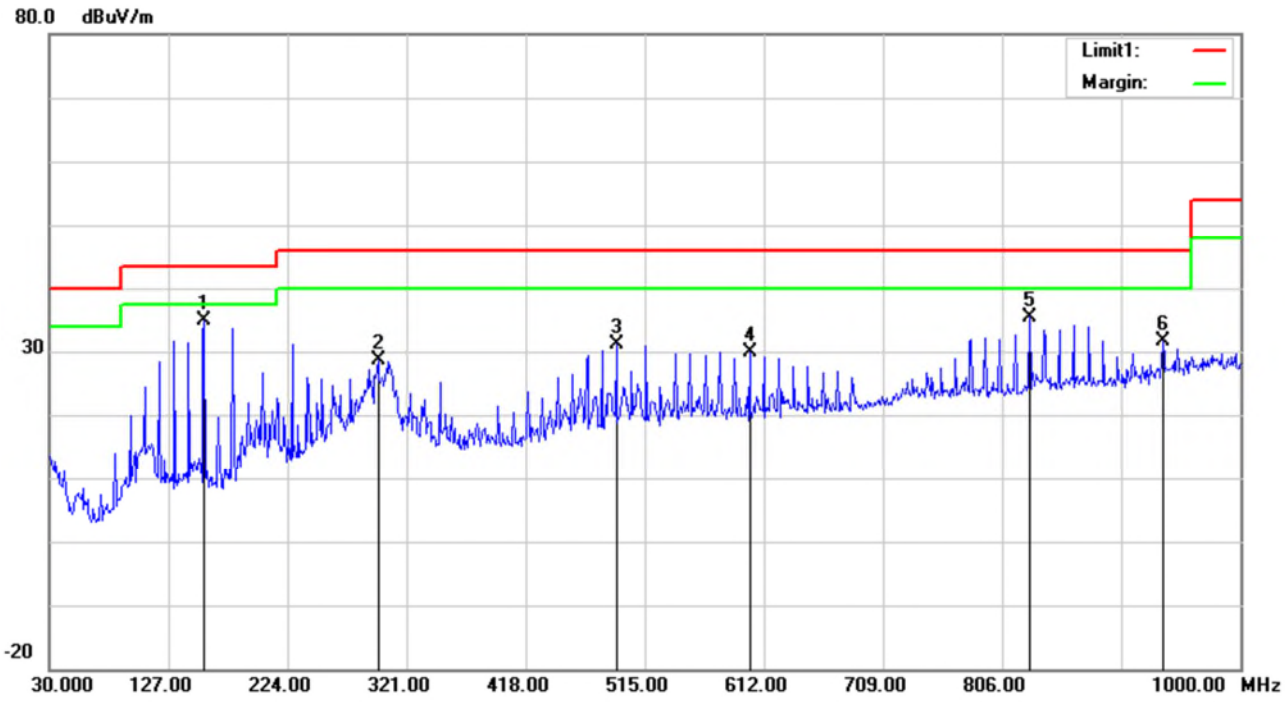
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	59.47	-20.02	39.45	43.50	-4.05	QP
2	293.8400	46.12	-15.02	31.10	46.00	-14.90	QP
3	491.7200	40.11	-8.18	31.93	46.00	-14.07	QP
4	564.4700	36.52	-5.54	30.98	46.00	-15.02	QP
5	828.3100	36.22	-0.95	35.27	46.00	-10.73	QP
6	995.1500	27.18	2.04	29.22	54.00	-24.78	QP

Mode:	GFSK_M CH	Ant.Polar.:	Horizontal



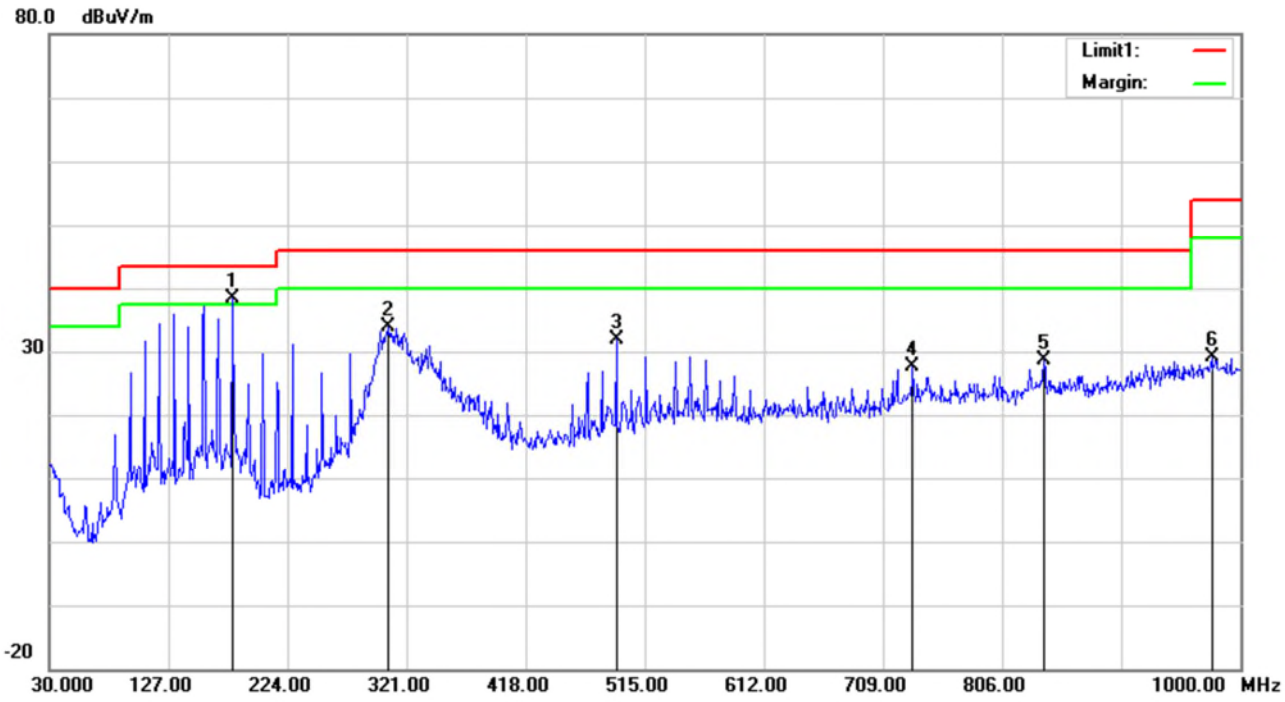
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	58.37	-20.02	38.35	43.50	-5.15	QP
2	311.3000	49.41	-14.40	35.01	46.00	-10.99	QP
3	491.7200	39.50	-8.18	31.32	46.00	-14.68	QP
4	733.2500	30.26	-2.35	27.91	46.00	-18.09	QP
5	839.9500	29.77	-0.34	29.43	46.00	-16.57	QP
6	939.8600	27.10	1.37	28.47	46.00	-17.53	QP

Mode:	GFSK_M CH	Ant.Polar.:	Vertical



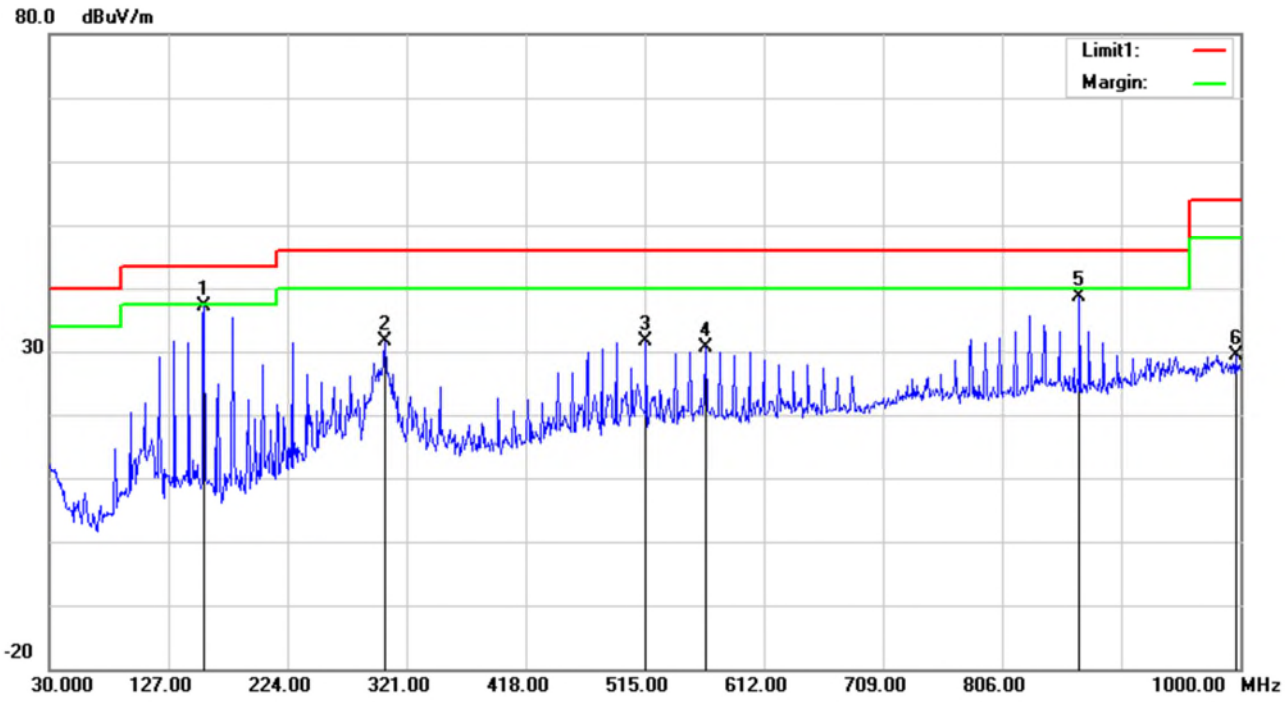
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	53.44	-18.66	34.78	43.50	-8.72	QP
2	297.7200	43.62	-14.89	28.73	46.00	-17.27	QP
3	491.7200	39.39	-8.18	31.21	46.00	-14.79	QP
4	600.3600	35.80	-5.84	29.96	46.00	-16.04	QP
5	828.3100	36.33	-0.95	35.38	46.00	-10.62	QP
6	936.9500	30.51	1.13	31.64	46.00	-14.36	QP

Mode:	GFSK_H CH	Ant.Polar.:	Horizontal



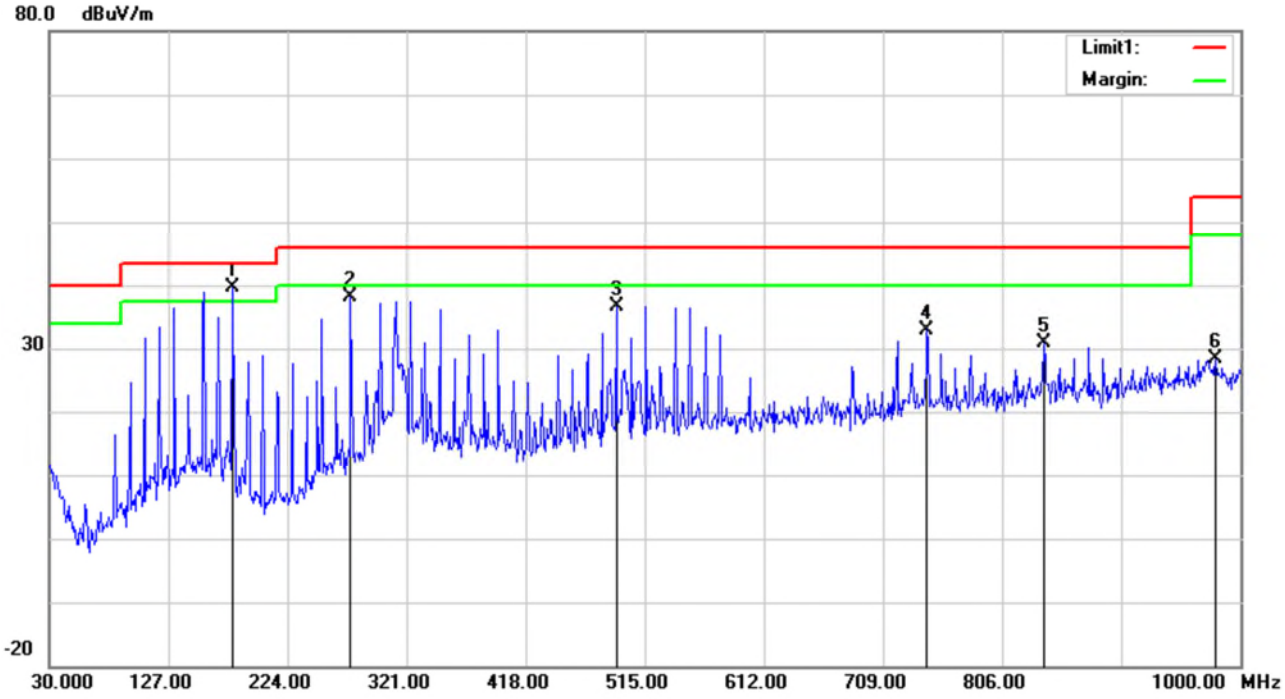
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	58.31	-20.02	38.29	43.50	-5.21	QP
2	306.4500	48.52	-14.58	33.94	46.00	-12.06	QP
3	491.7200	40.13	-8.18	31.95	46.00	-14.05	QP
4	733.2500	29.89	-2.35	27.54	46.00	-18.46	QP
5	839.9500	29.07	-0.34	28.73	46.00	-17.27	QP
6	976.7200	26.78	2.45	29.23	54.00	-24.77	QP

Mode:	GFSK_H CH	Ant.Polar.:	Vertical



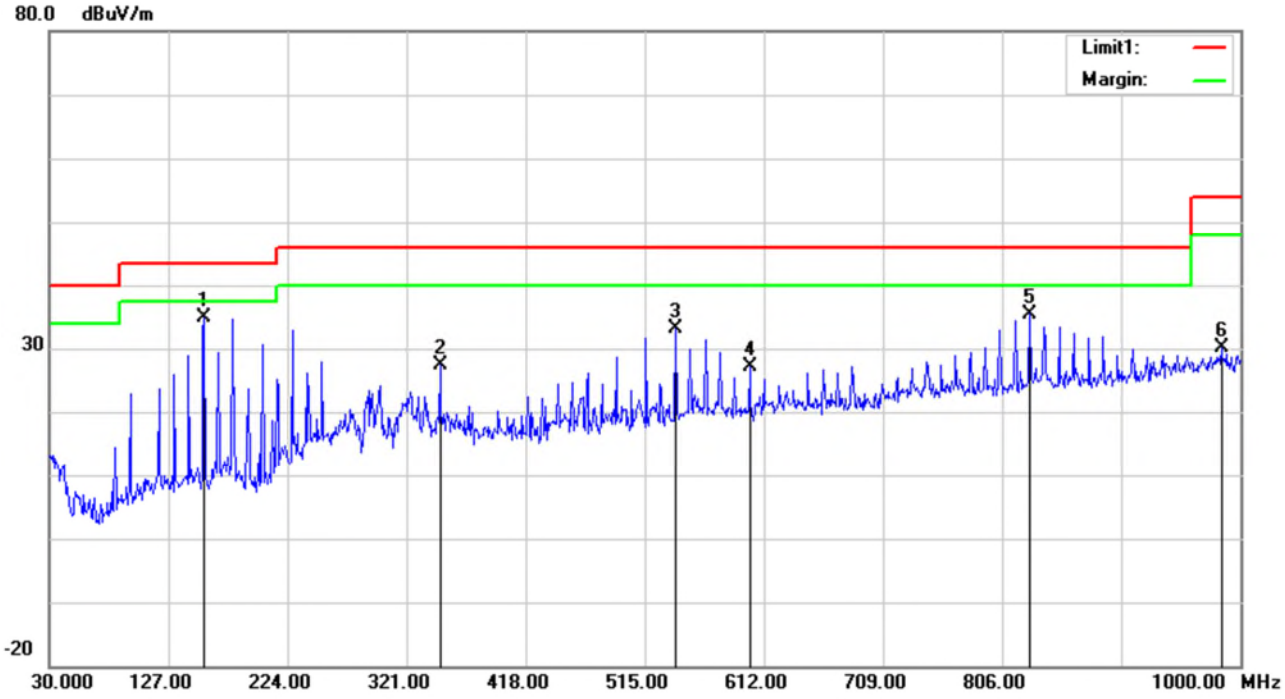
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	55.89	-18.66	37.23	43.50	-6.27	QP
2	303.5400	46.36	-14.69	31.67	46.00	-14.33	QP
3	515.9700	39.54	-7.87	31.67	46.00	-14.33	QP
4	564.4700	36.28	-5.54	30.74	46.00	-15.26	QP
5	869.0500	39.25	-0.52	38.73	46.00	-7.27	QP
6	996.1200	27.36	2.04	29.40	54.00	-24.60	QP

Mode:	8-DPSK_L CH	Ant.Polar.:	Horizontal



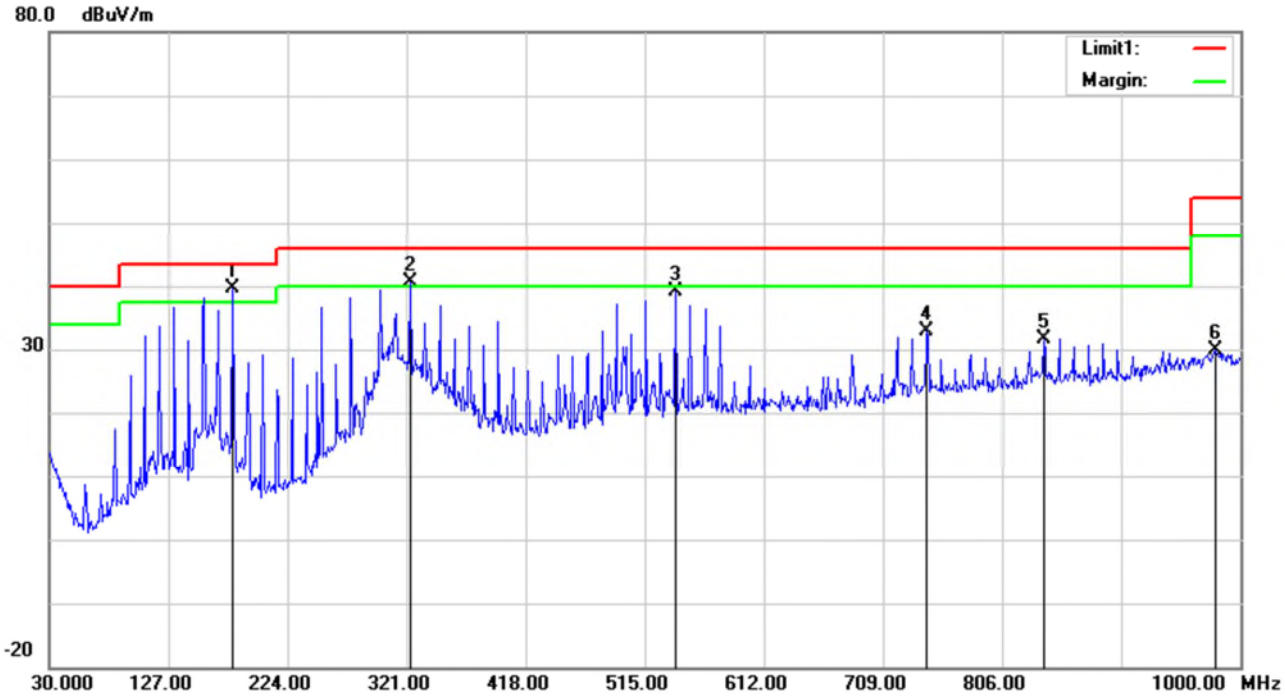
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	59.56	-20.02	39.54	43.50	-3.96	QP
2	275.4100	53.54	-15.46	38.08	46.00	-7.92	QP
3	491.7200	44.84	-8.18	36.66	46.00	-9.34	QP
4	744.8900	34.92	-2.13	32.79	46.00	-13.21	QP
5	839.9500	31.19	-0.34	30.85	46.00	-15.15	QP
6	979.6300	25.74	2.65	28.39	54.00	-25.61	QP

Mode:	8-DPSK_L CH	Ant.Polar.:	Vertical



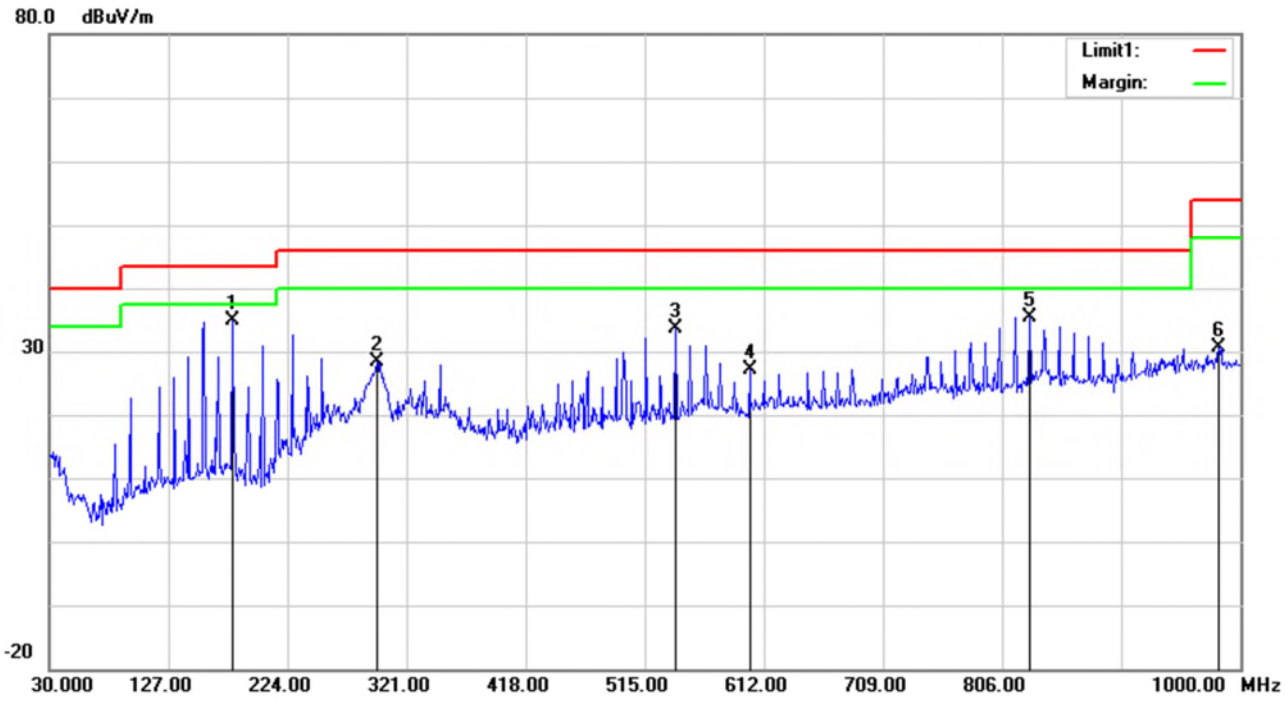
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	53.51	-18.66	34.85	43.50	-8.65	QP
2	348.1600	40.58	-13.13	27.45	46.00	-18.55	QP
3	540.2200	40.04	-6.84	33.20	46.00	-12.80	QP
4	600.3600	33.05	-5.84	27.21	46.00	-18.79	QP
5	828.3100	36.21	-0.95	35.26	46.00	-10.74	QP
6	984.4800	27.76	2.40	30.16	54.00	-23.84	QP

Mode:	8-DPSK_M CH	Ant.Polar.:	Horizontal



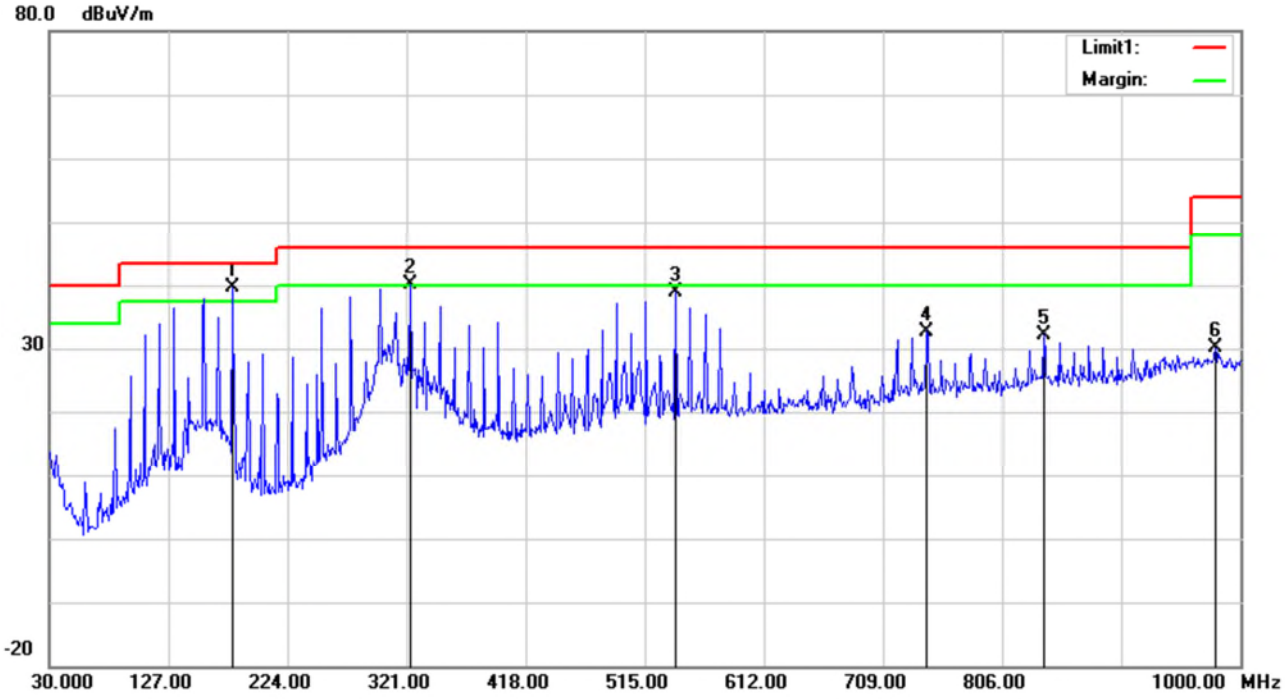
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	59.76	-20.02	39.74	43.50	-3.76	QP
2	323.9100	54.51	-13.88	40.63	46.00	-5.37	QP
3	540.2200	46.06	-6.84	39.22	46.00	-6.78	QP
4	744.8900	35.09	-2.13	32.96	46.00	-13.04	QP
5	839.9500	31.87	-0.34	31.53	46.00	-14.47	QP
6	979.6300	27.15	2.65	29.80	54.00	-24.20	QP

Mode:	8-DPSK_M CH	Ant.Polar.:	Vertical



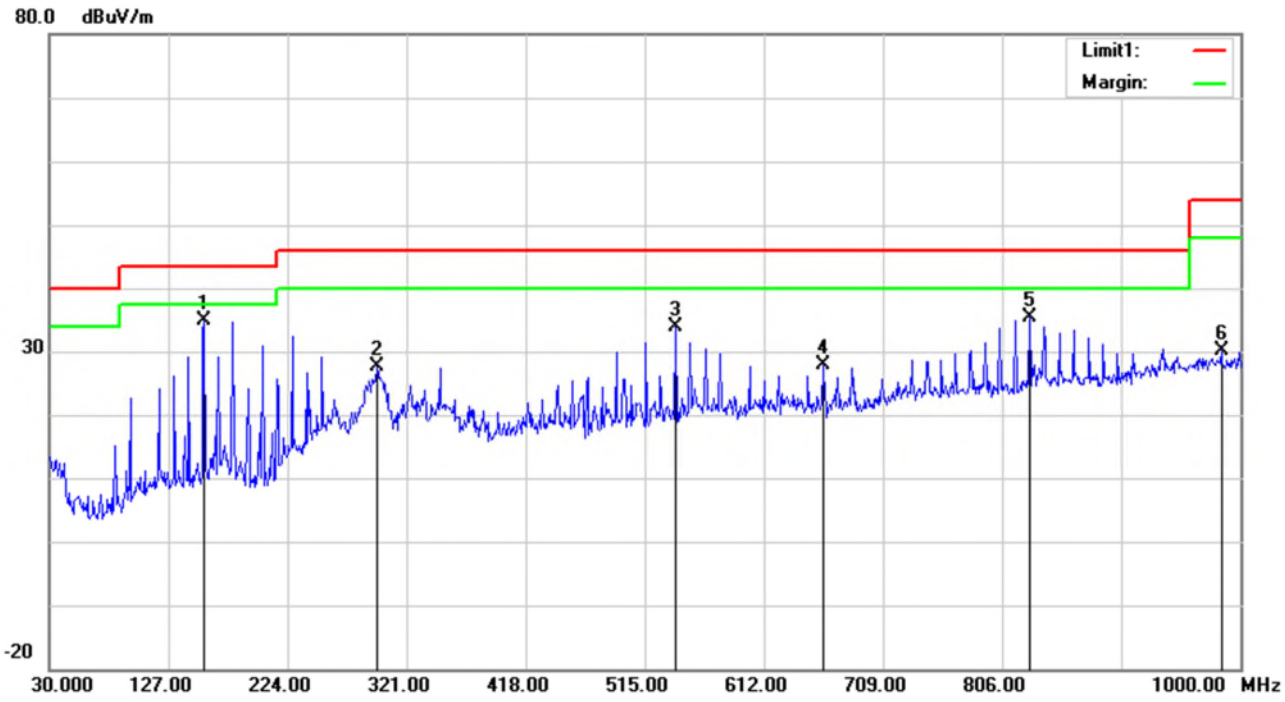
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	54.79	-20.02	34.77	43.50	-8.73	QP
2	296.7500	43.31	-14.92	28.39	46.00	-17.61	QP
3	540.2200	40.47	-6.84	33.63	46.00	-12.37	QP
4	600.3600	33.06	-5.84	27.22	46.00	-18.78	QP
5	828.3100	36.44	-0.95	35.49	46.00	-10.51	QP
6	982.5400	28.07	2.52	30.59	54.00	-23.41	QP

Mode:	8-DPSK_H CH	Ant.Polar.:	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	179.3800	59.65	-20.02	39.63	43.50	-3.87	QP
2	323.9100	54.01	-13.88	40.13	46.00	-5.87	QP
3	540.2200	45.61	-6.84	38.77	46.00	-7.23	QP
4	744.8900	34.77	-2.13	32.64	46.00	-13.36	QP
5	839.9500	32.44	-0.34	32.10	46.00	-13.90	QP
6	979.6300	27.44	2.65	30.09	54.00	-23.91	QP

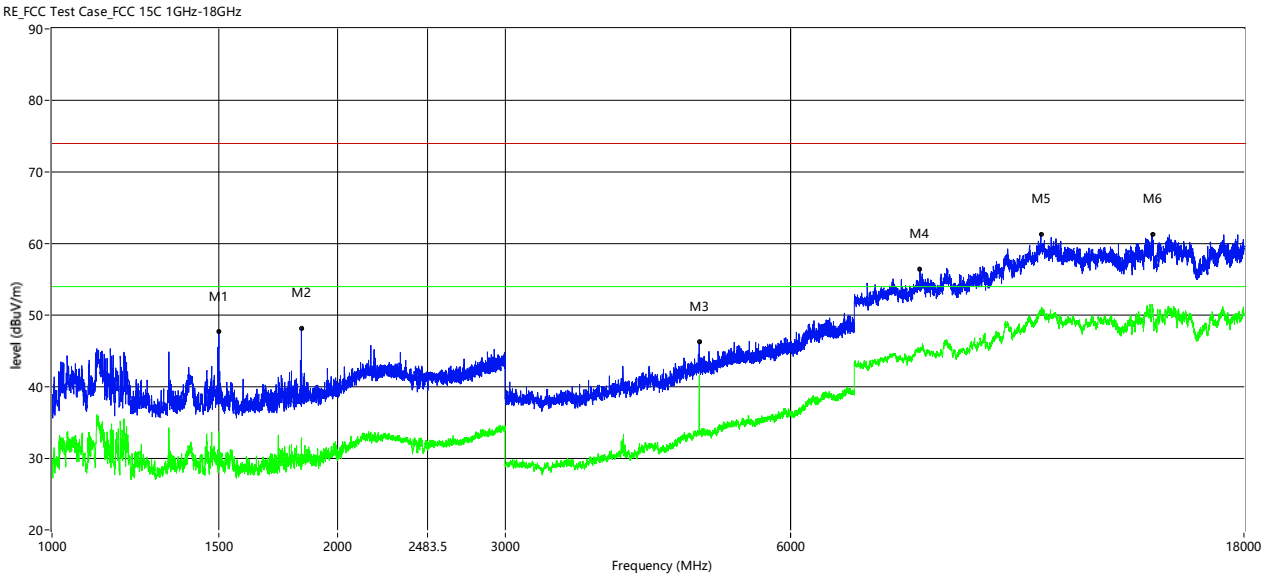
Mode:	8-DPSK_H CH	Ant.Polar.:	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	156.1000	53.42	-18.66	34.76	43.50	-8.74	QP
2	296.7500	42.62	-14.92	27.70	46.00	-18.30	QP
3	540.2200	40.62	-6.84	33.78	46.00	-12.22	QP
4	660.5000	32.66	-4.80	27.86	46.00	-18.14	QP
5	828.3100	36.37	-0.95	35.42	46.00	-10.58	QP
6	984.4800	27.73	2.40	30.13	54.00	-23.87	QP

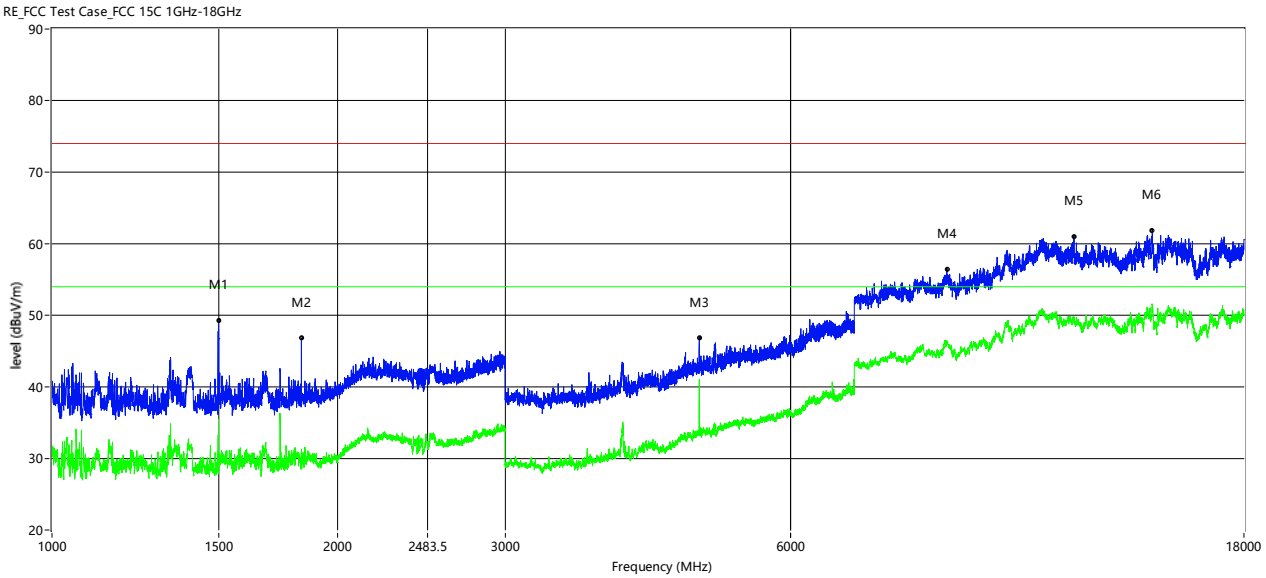
1GHz - 18GHz

GFSK_L_CH



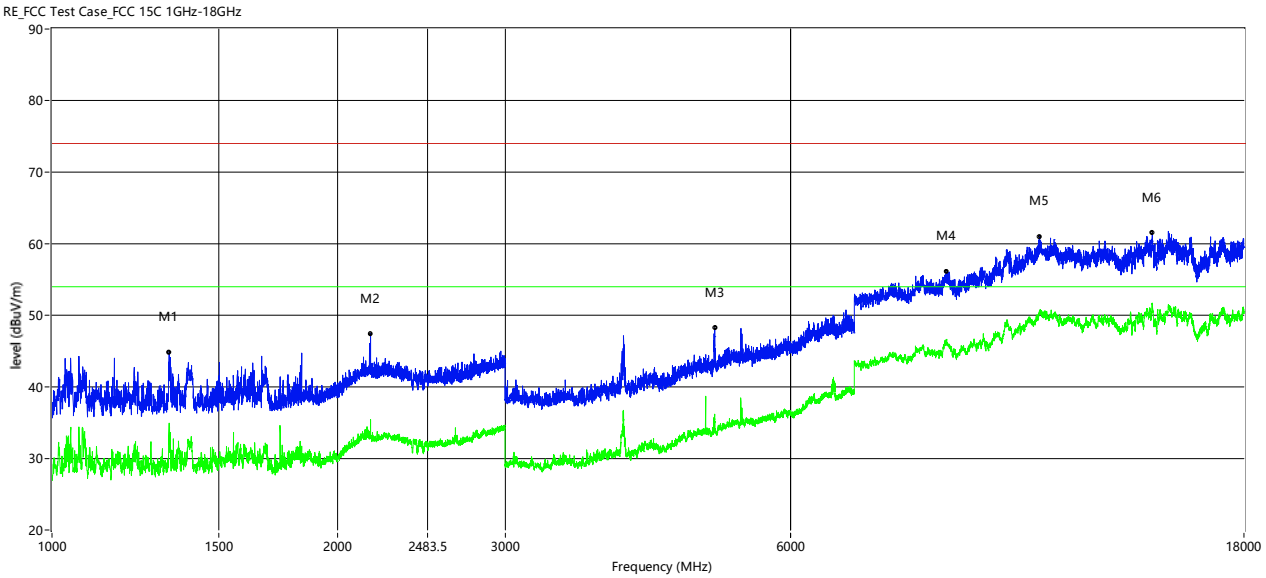
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1498.5	48.33	34.30	-0.56	47.77	33.74	74.00	54.00	-26.23	-20.26	-20.26	Horizontal
1831	47.76	32.38	0.45	48.21	32.83	74.00	54.00	-25.79	-21.17	-21.17	Horizontal
4804	53.24	48.54	-6.96	46.28	41.58	74.00	54.00	-27.72	-12.42	-12.42	Horizontal
8207.25	52.24	40.60	4.2	56.44	44.80	74.00	54.00	-17.56	-9.20	-9.20	Horizontal
11001.25	51.14	40.12	10.21	61.35	50.33	74.00	54.00	-12.65	-3.67	-3.67	Horizontal
14419.5	50.03	40.27	11.19	61.22	51.46	74.00	54.00	-12.78	-2.54	-2.54	Horizontal

GFSK_L_CH



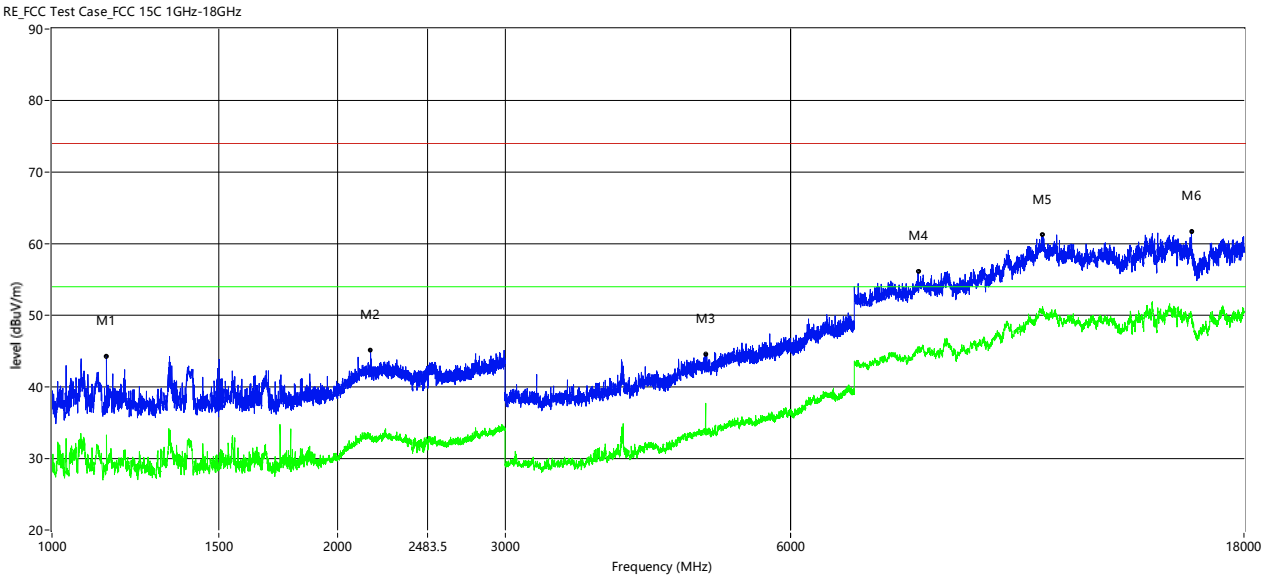
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1497.5	49.79	36.03	-0.56	49.23	35.47	74.00	54.00	-24.77	-18.53	-18.53	Vertical
1831	46.34	30.83	0.45	46.79	31.28	74.00	54.00	-27.21	-22.72	-22.72	Vertical
4804	53.87	48.02	-6.96	46.91	41.06	74.00	54.00	-27.09	-12.94	-12.94	Vertical
8757.25	51.44	41.16	4.98	56.42	46.14	74.00	54.00	-17.58	-7.86	-7.86	Vertical
11919.75	52.28	40.81	8.7	60.98	49.51	74.00	54.00	-13.02	-4.49	-4.49	Vertical
14411.25	50.58	40.22	11.29	61.87	51.51	74.00	54.00	-12.13	-2.49	-2.49	Vertical

GFSK_M_CH



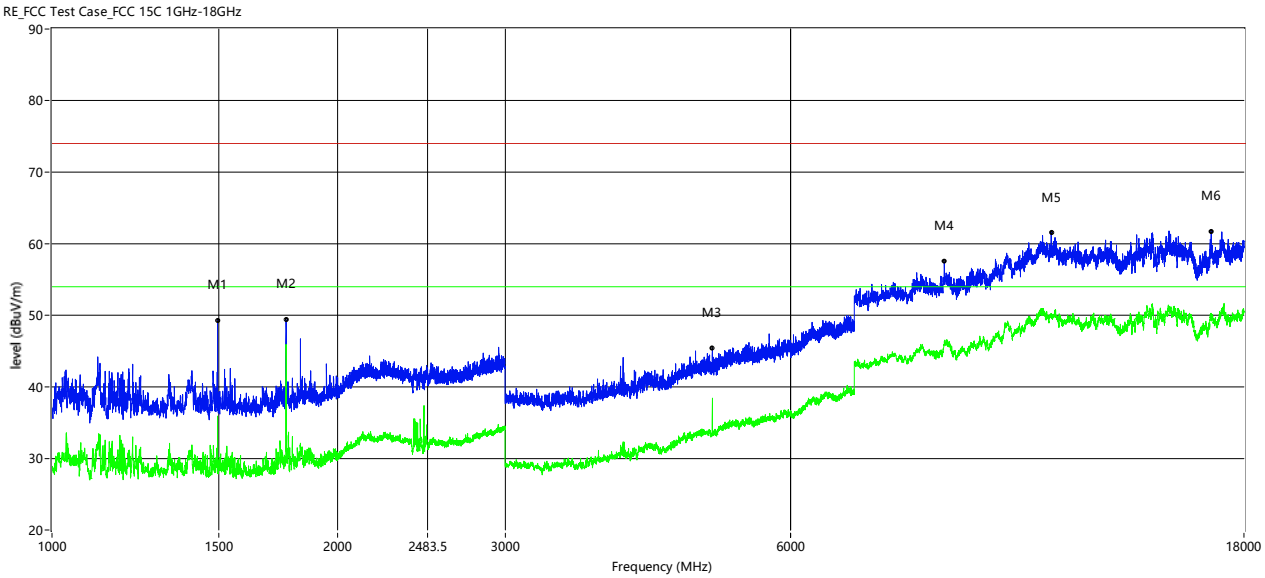
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1328.5	45.77	35.80	-0.85	44.92	34.95	74.00	54.00	-29.08	-19.05	-19.05	Horizontal
2165	43.02	30.98	4.47	47.49	35.45	74.00	54.00	-26.51	-18.55	-18.55	Horizontal
4988	54.60	41.82	-6.38	48.22	35.44	74.00	54.00	-25.78	-18.56	-18.56	Horizontal
8746.25	51.08	41.11	5.02	56.10	46.13	74.00	54.00	-17.90	-7.87	-7.87	Horizontal
10968.25	51.04	40.57	9.98	61.02	50.55	74.00	54.00	-12.98	-3.45	-3.45	Horizontal
14411.25	50.29	40.43	11.29	61.58	51.72	74.00	54.00	-12.42	-2.28	-2.28	Horizontal

GFSK_M_CH



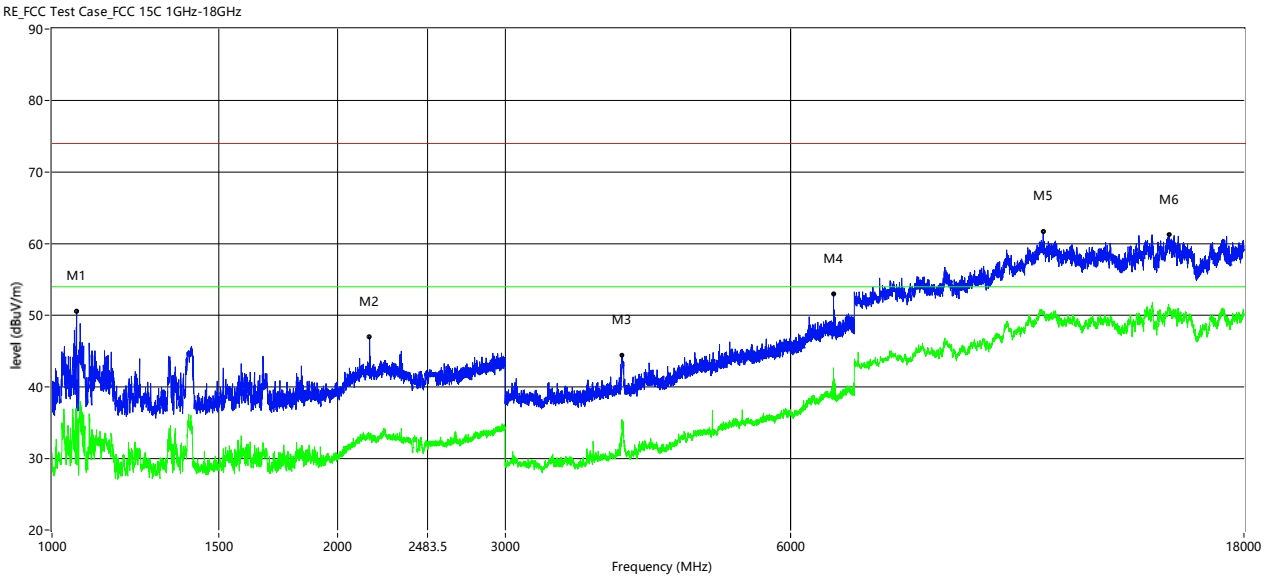
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1141.5	45.73	34.71	-1.4	44.33	33.31	74.00	54.00	-29.67	-20.69	-20.69	Vertical
2165.5	40.68	28.67	4.47	45.15	33.14	74.00	54.00	-28.85	-20.86	-20.86	Vertical
4880	51.05	44.24	-6.51	44.54	37.73	74.00	54.00	-29.46	-16.27	-16.27	Vertical
8168.75	51.89	41.46	4.19	56.08	45.65	74.00	54.00	-17.92	-8.35	-8.35	Vertical
11031.5	51.20	40.78	10.05	61.25	50.83	74.00	54.00	-12.75	-3.17	-3.17	Vertical
15852.25	52.81	41.28	8.95	61.76	50.23	74.00	54.00	-12.24	-3.77	-3.77	Vertical

GFSK_H_CH



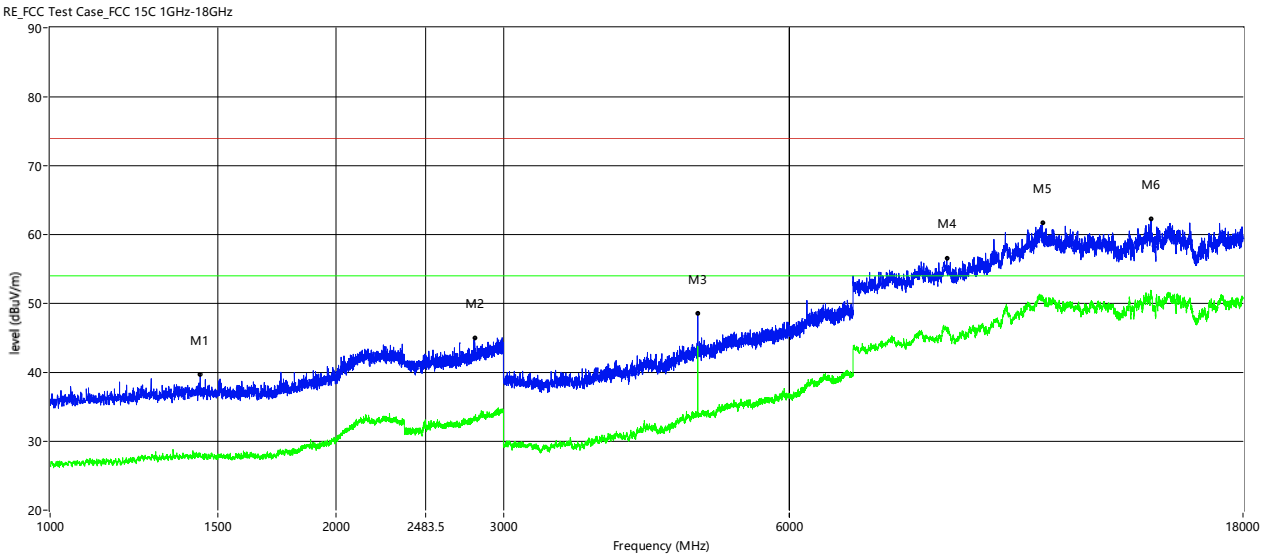
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1494.5	49.91	36.48	-0.56	49.35	35.92	74.00	54.00	-24.65	-18.08	-18.08	Horizontal
1764	49.37	45.91	0.02	49.39	45.93	74.00	54.00	-24.61	-8.07	-8.07	Horizontal
4960	51.79	44.81	-6.38	45.41	38.43	74.00	54.00	-28.59	-15.57	-15.57	Horizontal
8705	52.37	41.21	5.14	57.51	46.35	74.00	54.00	-16.49	-7.65	-7.65	Horizontal
11279	52.09	40.13	9.54	61.63	49.67	74.00	54.00	-12.37	-4.33	-4.33	Horizontal
16625	51.70	39.64	10.06	61.76	49.70	74.00	54.00	-12.24	-4.30	-4.30	Horizontal

GFSK_H_CH



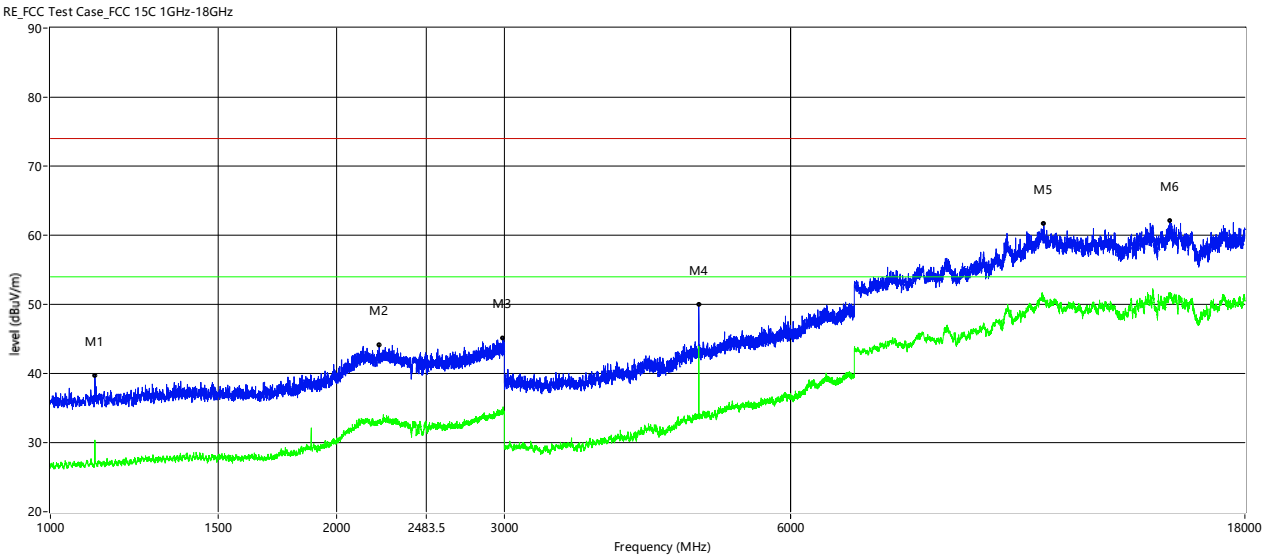
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1061.5	52.27	38.20	-1.75	50.52	36.45	74.00	54.00	-23.48	-17.55	-17.55	Vertical
2160.5	42.45	28.93	4.52	46.97	33.45	74.00	54.00	-27.03	-20.55	-20.55	Vertical
3984	54.64	45.71	-10.26	44.38	35.45	74.00	54.00	-29.62	-18.55	-18.55	Vertical
6654	53.44	43.04	-0.39	53.05	42.65	74.00	54.00	-20.95	-11.35	-11.35	Vertical
11061.75	51.76	40.36	9.89	61.65	50.25	74.00	54.00	-12.35	-3.75	-3.75	Vertical
15010.75	50.90	40.46	10.39	61.29	50.85	74.00	54.00	-12.71	-3.15	-3.15	Vertical

8-DPSK _L_CH



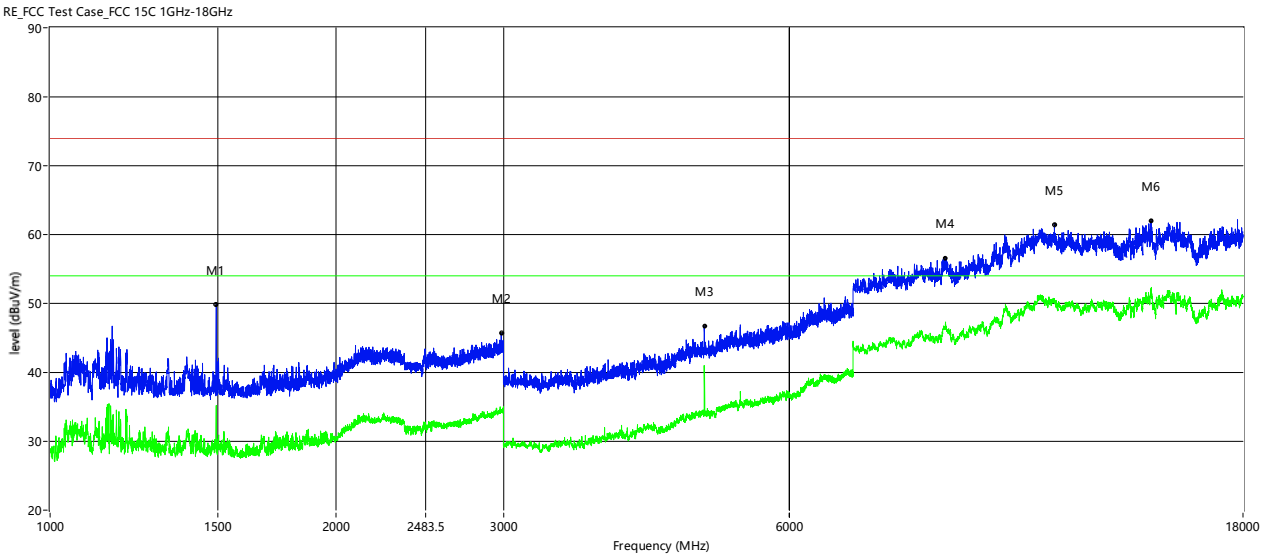
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1438	40.34	28.57	-0.6	39.74	27.97	74.00	54.00	-34.26	-26.03	-26.03	Horizontal
2796.5	39.70	28.03	5.25	44.95	33.28	74.00	54.00	-29.05	-20.72	-20.72	Horizontal
4804	55.59	49.15	-6.96	48.63	42.19	74.00	54.00	-25.37	-11.81	-11.81	Horizontal
8784.75	51.71	41.03	4.9	56.61	45.93	74.00	54.00	-17.39	-8.07	-8.07	Horizontal
11075.5	51.92	40.89	9.81	61.73	50.70	74.00	54.00	-12.27	-3.30	-3.30	Horizontal
14397.5	50.81	40.23	11.41	62.22	51.64	74.00	54.00	-11.78	-2.36	-2.36	Horizontal

8-DPSK _L_CH



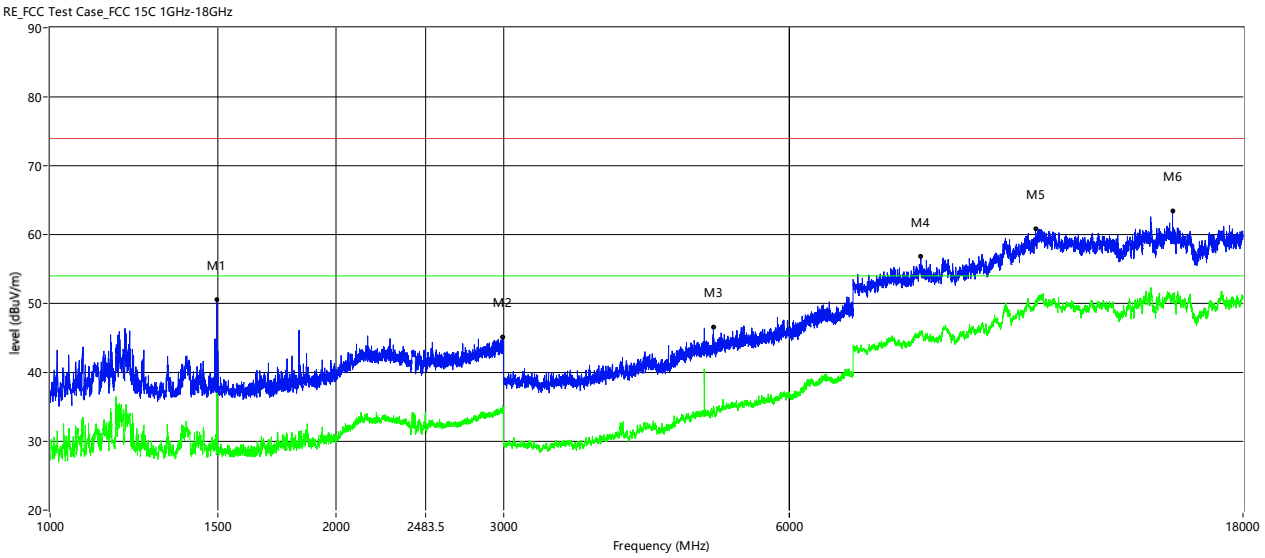
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1114	41.15	31.80	-1.46	39.69	30.34	74.00	54.00	-34.31	-23.66	-23.66	Vertical
2216	39.87	28.69	4.27	44.14	32.96	74.00	54.00	-29.86	-21.04	-21.04	Vertical
2989.5	39.10	28.22	6.06	45.16	34.28	74.00	54.00	-28.84	-19.72	-19.72	Vertical
4804	56.96	50.90	-6.96	50.00	43.94	74.00	54.00	-24.00	-10.06	-10.06	Vertical
11064.5	51.80	41.04	9.87	61.67	50.91	74.00	54.00	-12.33	-3.09	-3.09	Vertical
15016.25	51.72	40.69	10.38	62.10	51.07	74.00	54.00	-11.90	-2.93	-2.93	Vertical

8-DPSK _M_CH



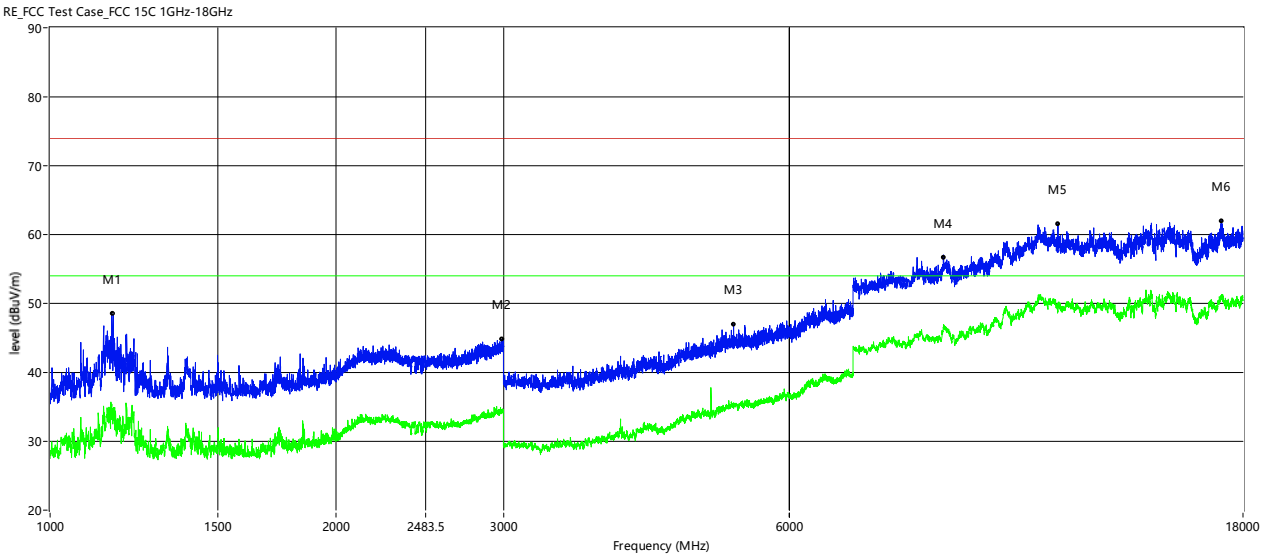
Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1495	50.46	35.77	-0.56	49.90	35.21	74.00	54.00	-24.10	-18.79	-18.79	Horizontal
2983.5	39.61	28.44	6.04	45.65	34.48	74.00	54.00	-28.35	-19.52	-19.52	Horizontal
4880	53.19	47.52	-6.51	46.68	41.01	74.00	54.00	-27.32	-12.99	-12.99	Horizontal
8757.25	51.64	42.37	4.98	56.62	47.35	74.00	54.00	-17.38	-6.65	-6.65	Horizontal
11402.75	51.74	40.40	9.75	61.49	50.15	74.00	54.00	-12.51	-3.85	-3.85	Horizontal
14422.25	50.82	40.33	11.16	61.98	51.49	74.00	54.00	-12.02	-2.51	-2.51	Horizontal

8-DPSK _M_CH



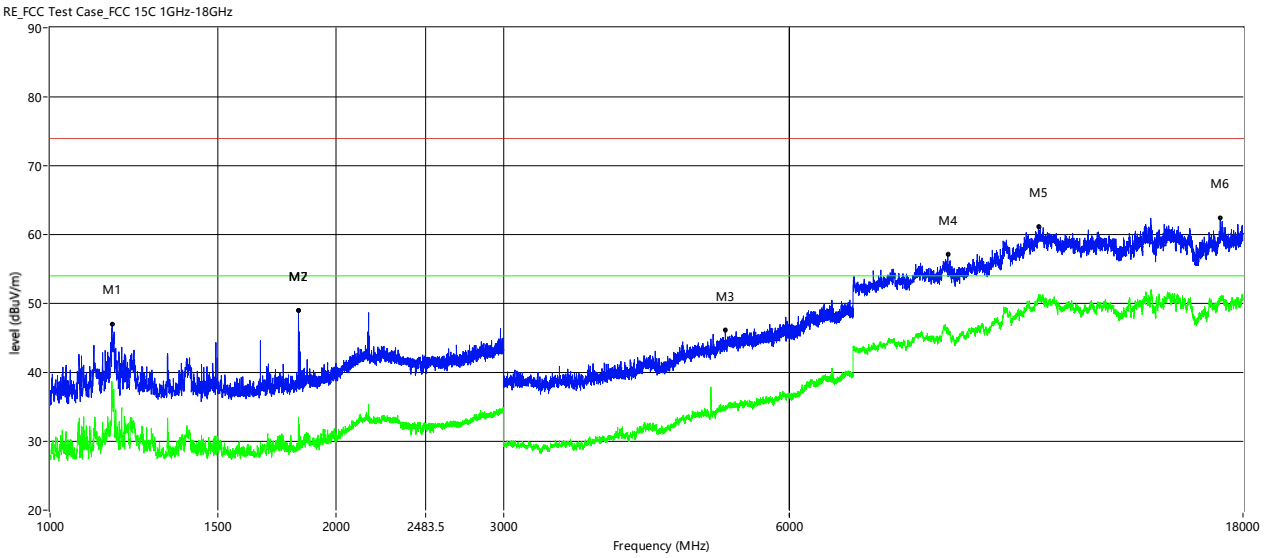
Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1498	51.18	37.57	-0.56	50.62	37.01	74.00	54.00	-23.38	-16.99	-16.99	Vertical
2996	39.06	28.50	6.09	45.15	34.59	74.00	54.00	-28.85	-19.41	-19.41	Vertical
4990	52.88	41.45	-6.38	46.50	35.07	74.00	54.00	-27.50	-18.93	-18.93	Vertical
8245.75	52.57	41.42	4.22	56.79	45.64	74.00	54.00	-17.21	-8.36	-8.36	Vertical
10888.5	51.49	40.75	9.31	60.80	50.06	74.00	54.00	-13.20	-3.94	-3.94	Vertical
15181.25	52.53	39.98	10.9	63.43	50.88	74.00	54.00	-10.57	-3.12	-3.12	Vertical

8-DPSK _H_CH



Frequency (MHz)	Peak Reading (dBuV/m)	Average Readingl (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1161.5	49.87	34.97	-1.34	48.53	33.63	74.00	54.00	-25.47	-20.37	-20.37	Horizontal
2986.5	38.76	28.45	6.05	44.81	34.50	74.00	54.00	-29.19	-19.50	-19.50	Horizontal
5241	51.88	40.50	-4.93	46.95	35.57	74.00	54.00	-27.05	-18.43	-18.43	Horizontal
8710.5	51.63	41.30	5.13	56.76	46.43	74.00	54.00	-17.24	-7.57	-7.57	Horizontal
11499	51.65	39.04	9.95	61.60	48.99	74.00	54.00	-12.40	-5.01	-5.01	Horizontal
17087	51.64	40.22	10.39	62.03	50.61	74.00	54.00	-11.97	-3.39	-3.39	Horizontal

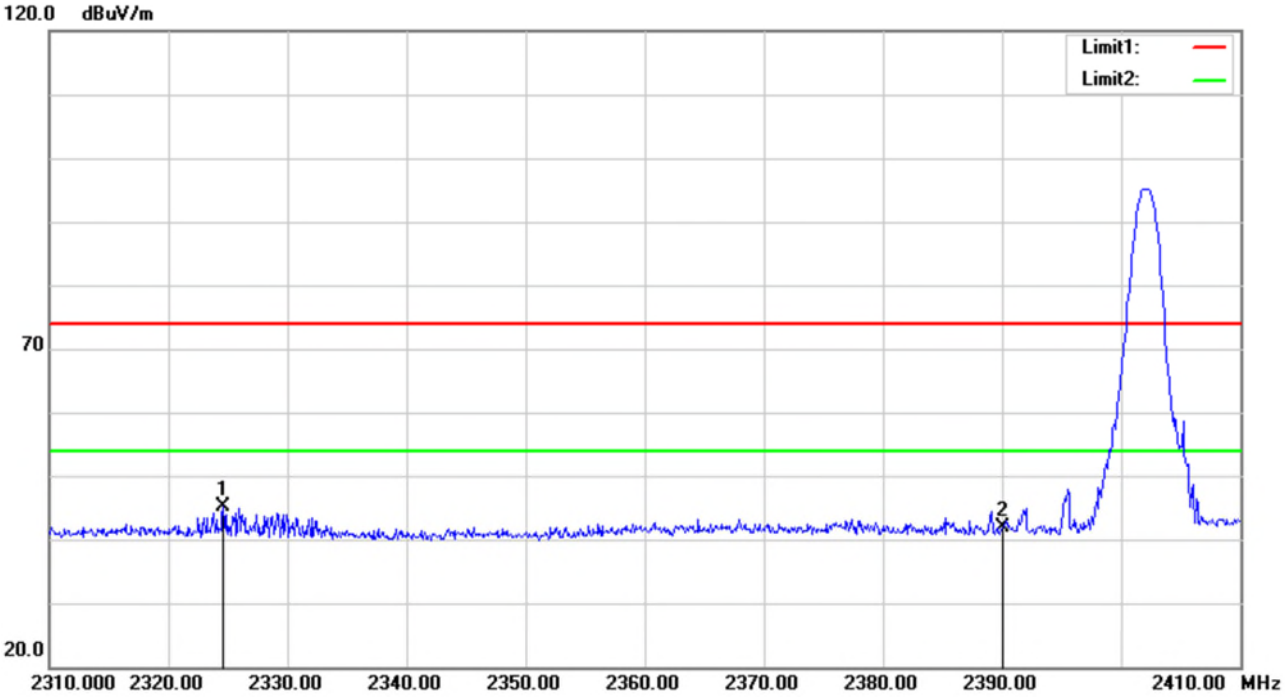
8-DPSK _H_CH



Frequency (MHz)	Peak Reading (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	Peak Level (dBuV/m)	Average Level (dBuV/m)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	PK Over Limit (dB)	AV Over Limit (dB)	Min Margin(dB)	ANT
1162	48.37	37.57	-1.34	47.03	36.23	74.00	54.00	-26.97	-17.77	-17.77	Vertical
1825	48.68	33.21	0.34	49.02	33.55	74.00	54.00	-24.98	-20.45	-20.45	Vertical
5136	51.43	39.82	-5.3	46.13	34.52	74.00	54.00	-27.87	-19.48	-19.48	Vertical
8804	52.38	41.32	4.83	57.21	46.15	74.00	54.00	-16.79	-7.85	-7.85	Vertical
10968.25	51.22	40.72	9.98	61.20	50.70	74.00	54.00	-12.80	-3.30	-3.30	Vertical
17037.5	52.36	40.72	10.03	62.39	50.75	74.00	54.00	-11.61	-3.25	-3.25	Vertical

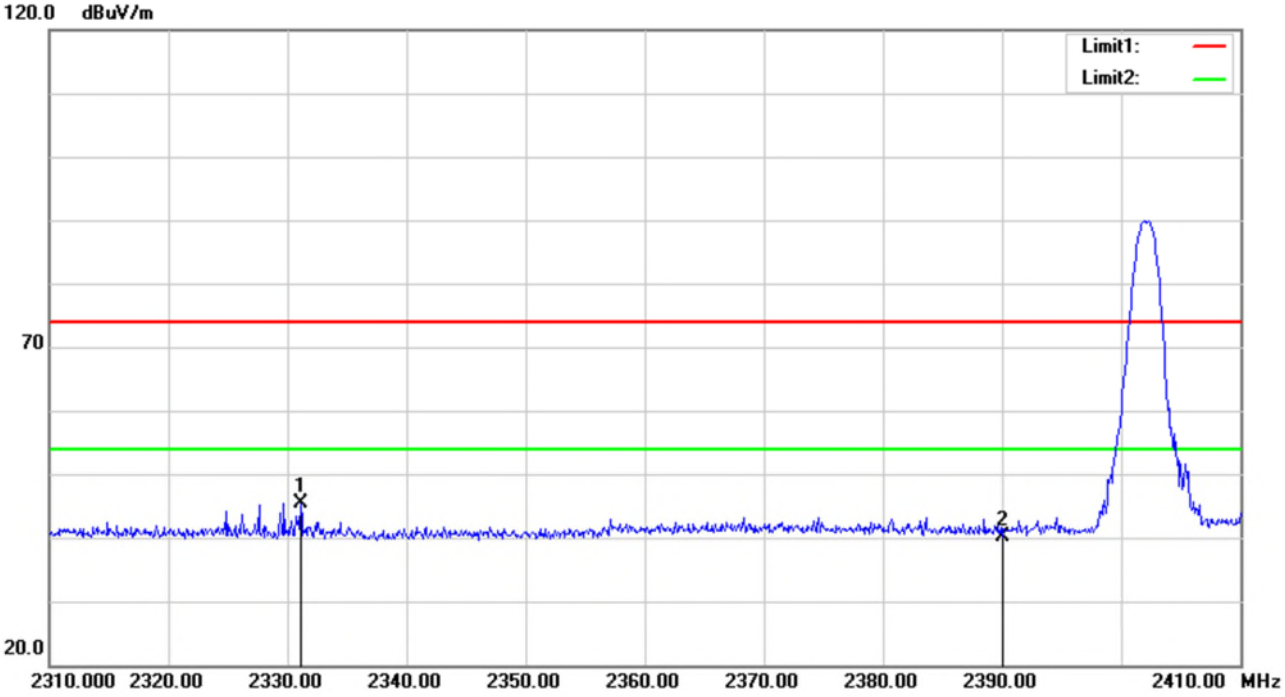
Test Results of Radiated Emissions in Restricted Bands

GFSK_L CH



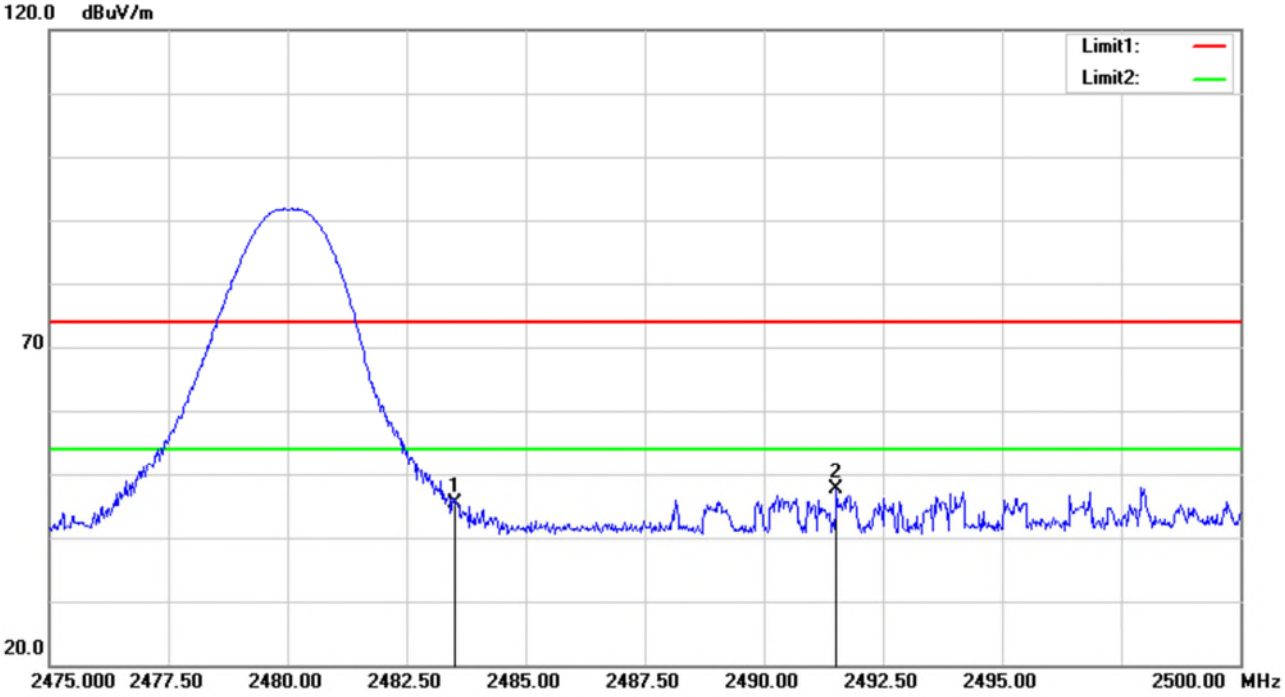
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2324.600	41.64	3.60	45.24	74.00	-28.76	peak
2	2390.000	37.50	4.34	41.84	74.00	-32.16	peak

GFSK_L CH



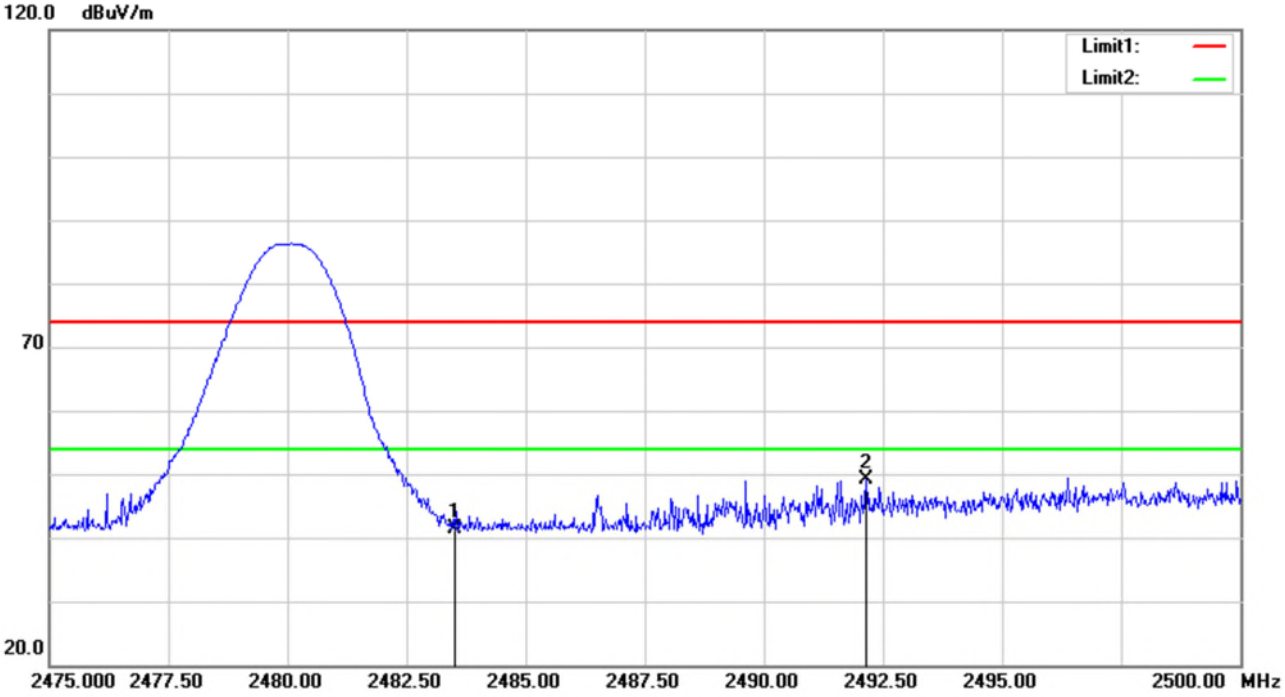
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.100	41.84	3.64	45.48	74.00	-28.52	peak
2	2390.000	35.90	4.34	40.24	74.00	-33.76	peak

GFSK_H CH



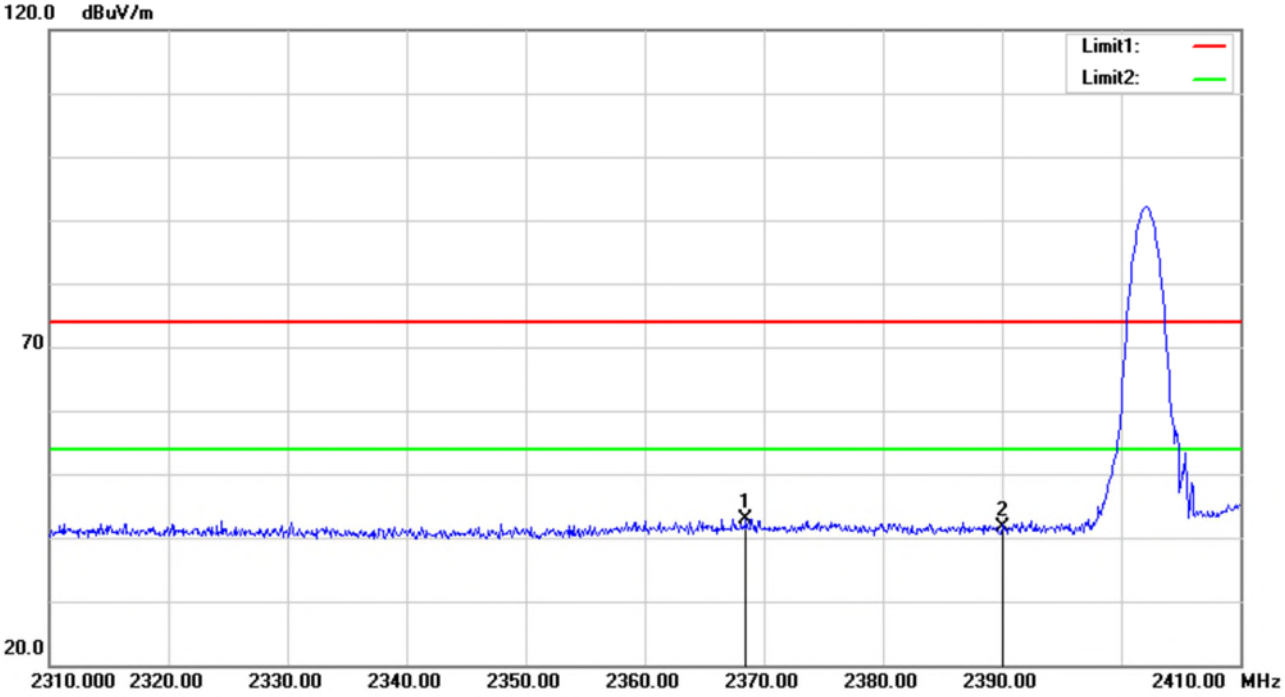
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	40.87	4.60	45.47	74.00	-28.53	peak
2	2491.525	42.88	4.63	47.51	74.00	-26.49	peak

GFSK_H CH



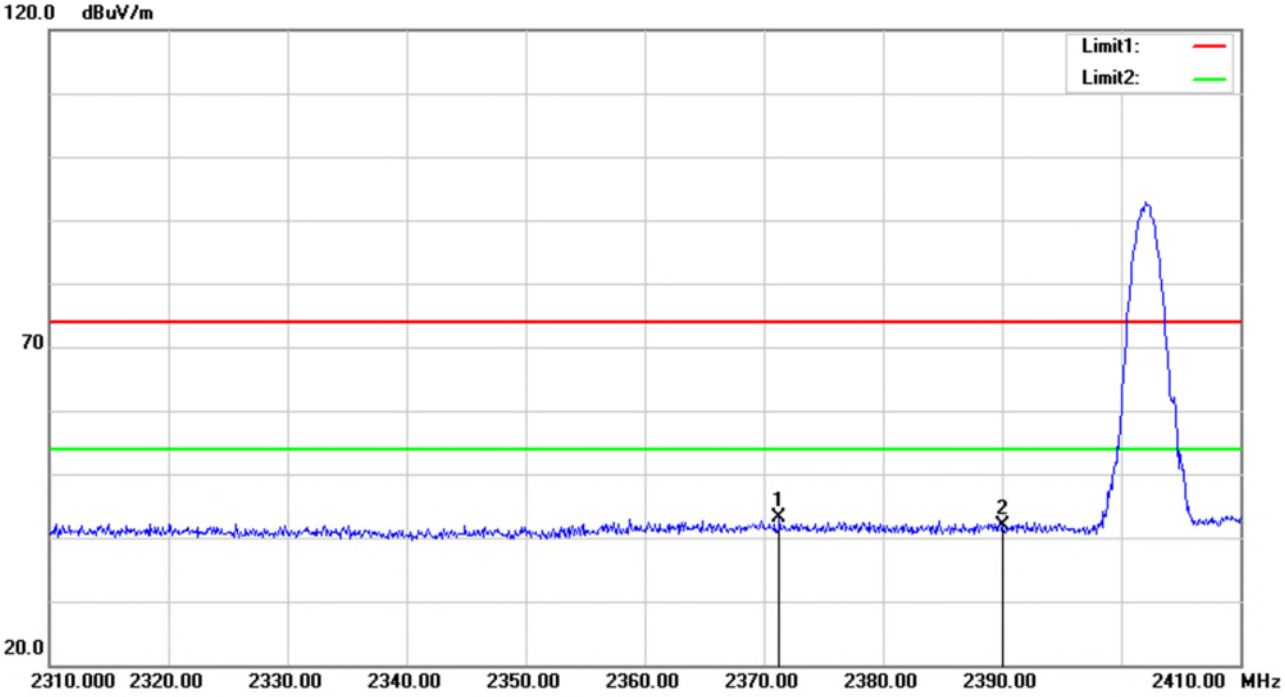
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	36.81	4.60	41.41	74.00	-32.59	peak
2	2492.150	44.60	4.63	49.23	74.00	-24.77	peak

8-DPSK_L CH



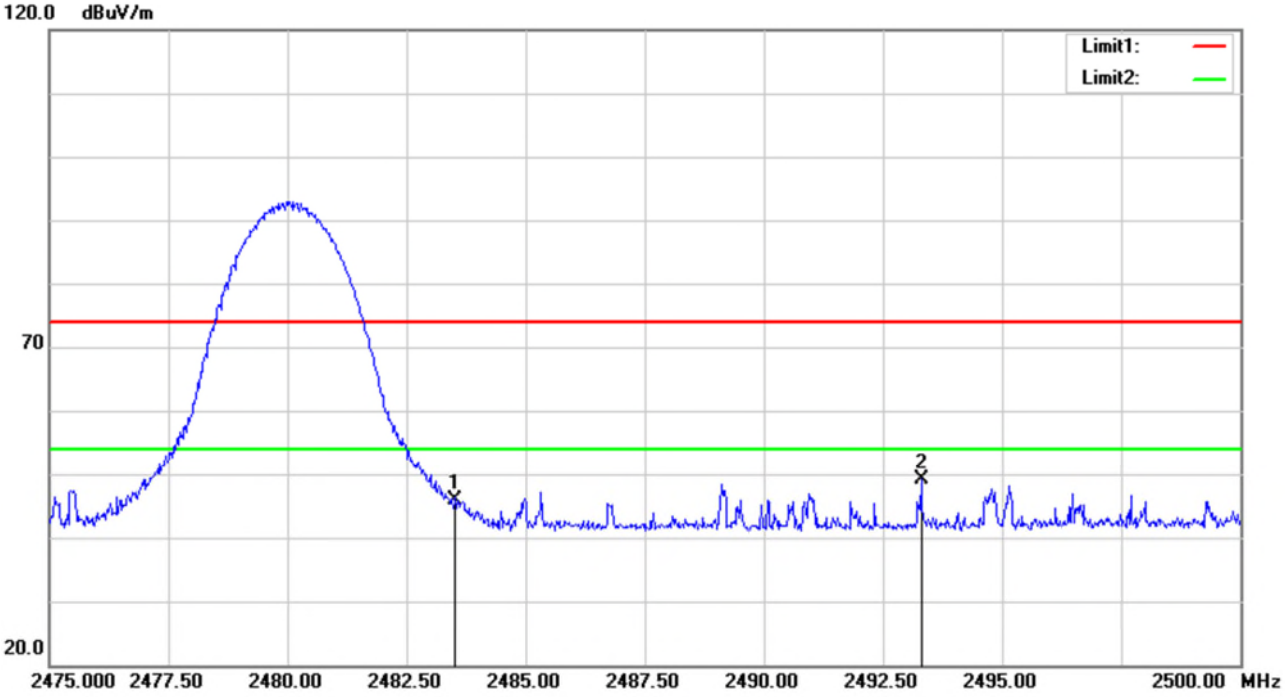
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2368.500	38.91	4.01	42.92	74.00	-31.08	peak
2	2390.000	37.27	4.34	41.61	74.00	-32.39	peak

8-DPSK_L CH



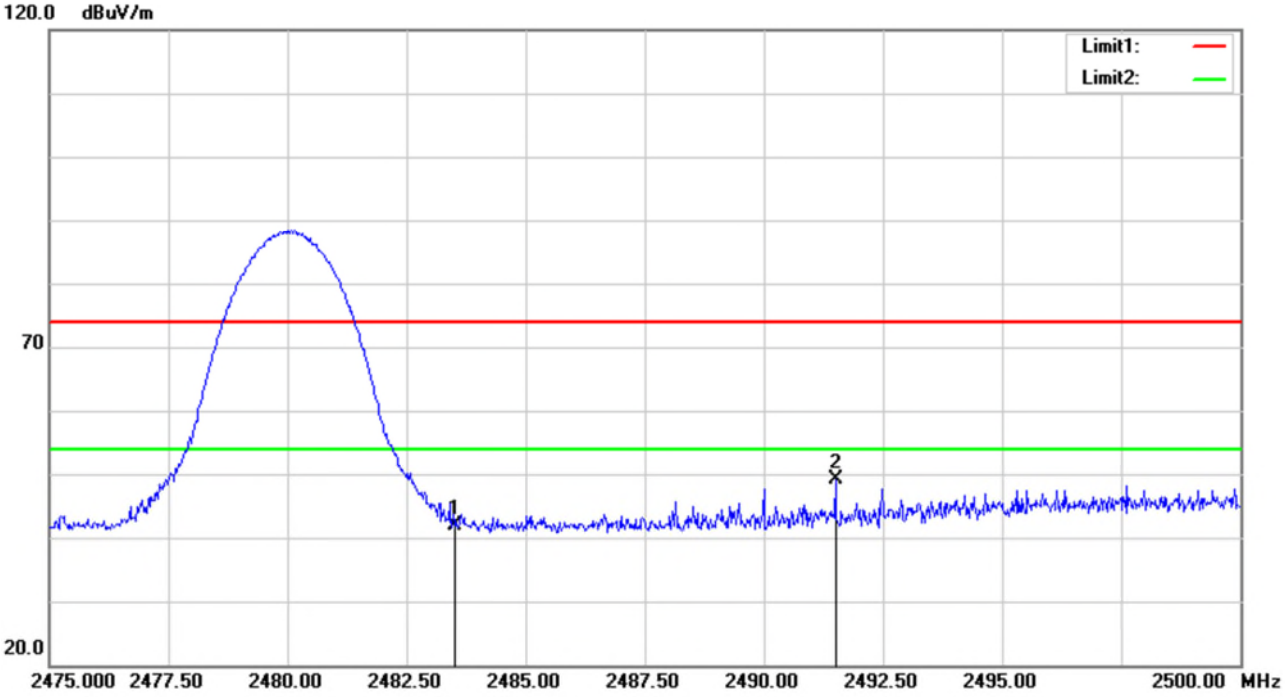
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2371.300	39.01	4.06	43.07	74.00	-30.93	peak
2	2390.000	37.53	4.34	41.87	74.00	-32.13	peak

8-DPSK_H CH



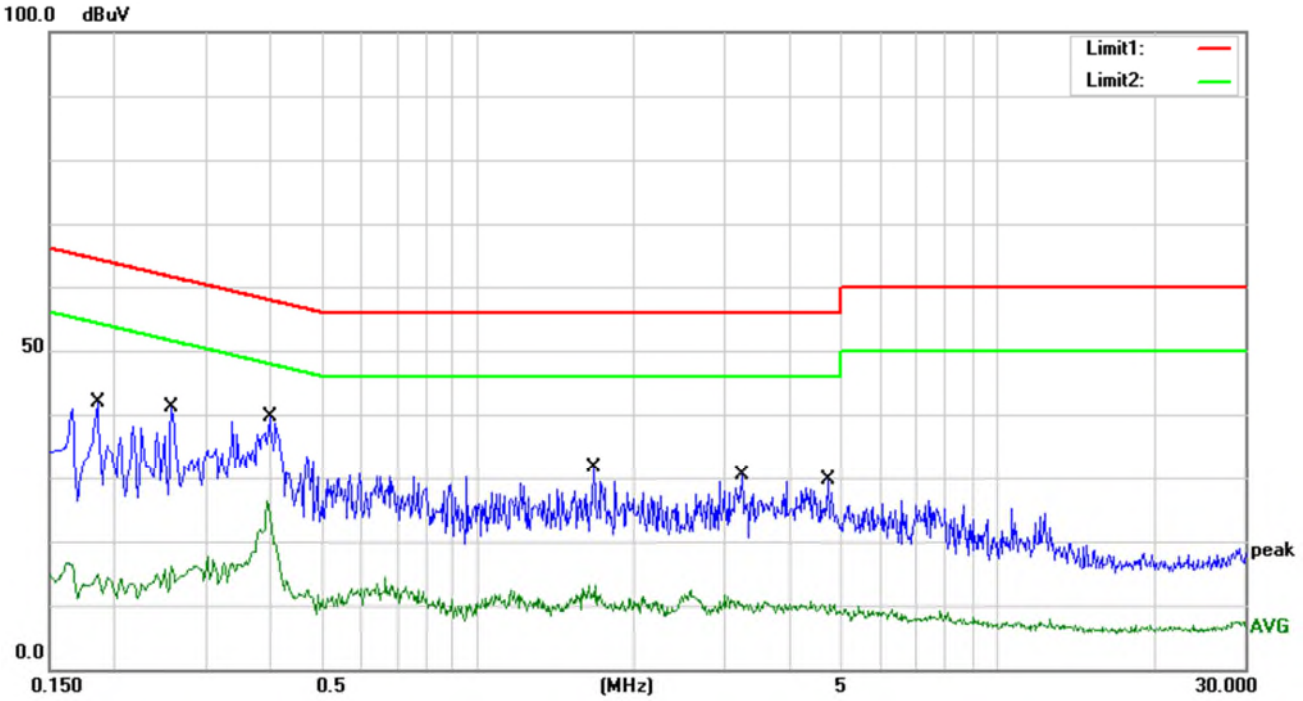
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	41.25	4.60	45.85	74.00	-28.15	peak
2	2493.300	44.41	4.64	49.05	74.00	-24.95	peak

8-DPSK_H CH

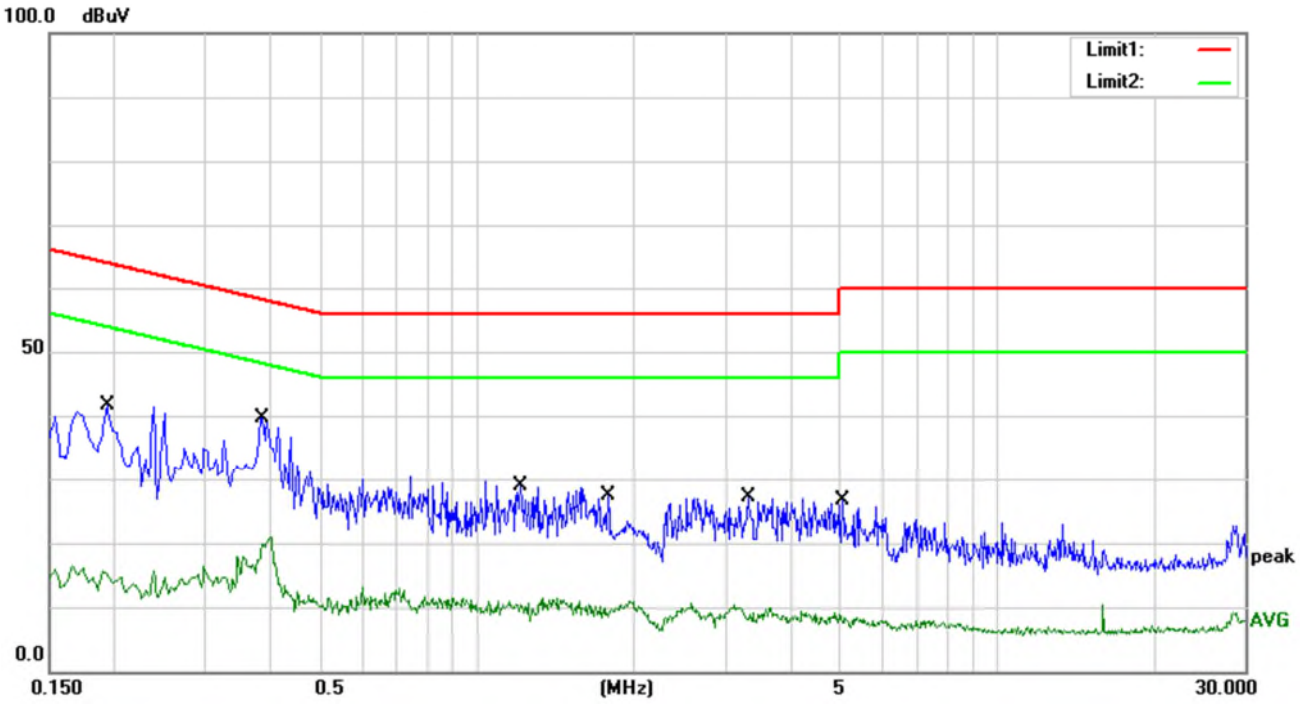


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	37.28	4.60	41.88	74.00	-32.12	peak
2	2491.500	44.61	4.63	49.24	74.00	-24.76	peak

Test Results of Conducted Emissions



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Ant.Polar	Remark
1	0.1860	32.06	9.78	41.84	64.21	-22.37	L	QP
2	0.1860	4.75	9.78	14.53	54.21	-39.68	L	AVG
3	0.2580	31.02	10.04	41.06	61.50	-20.44	L	QP
4	0.2580	6.10	10.04	16.14	51.50	-35.36	L	AVG
5	0.3980	29.58	10.03	39.61	57.90	-18.29	L	QP
6	0.3980	13.44	10.03	23.47	47.90	-24.43	L	AVG
7	1.6740	21.72	9.79	31.51	56.00	-24.49	L	QP
8	1.6740	2.36	9.79	12.15	46.00	-33.85	L	AVG
9	3.2300	20.68	9.81	30.49	56.00	-25.51	L	QP
10	3.2300	0.38	9.81	10.19	46.00	-35.81	L	AVG
11	4.7380	19.80	9.85	29.65	56.00	-26.35	L	QP
12	4.7380	-1.11	9.85	8.74	46.00	-37.26	L	AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Ant.Polar	Remark
1	0.1940	31.86	9.86	41.72	63.86	-22.14	N	QP
2	0.1940	5.08	9.86	14.94	53.86	-38.92	N	AVG
3	0.3860	29.59	10.09	39.68	58.15	-18.47	N	QP
4	0.3860	9.82	10.09	19.91	48.15	-28.24	N	AVG
5	1.2100	19.03	9.81	28.84	56.00	-27.16	N	QP
6	1.2100	0.59	9.81	10.40	46.00	-35.60	N	AVG
7	1.7860	17.57	9.86	27.43	56.00	-28.57	N	QP
8	1.7860	-1.33	9.86	8.53	46.00	-37.47	N	AVG
9	3.3180	17.20	9.92	27.12	56.00	-28.88	N	QP
10	3.3380	-1.87	9.92	8.05	46.00	-37.95	N	AVG
11	5.0340	16.60	9.92	26.52	60.00	-33.48	N	QP
12	5.0340	-2.42	9.92	7.50	50.00	-42.50	N	AVG