



Test Report

Apple Inc.

REPORT NUMBER: 4792157433-A2LA-S2-R2

PROJECT NUMBER: 4792157433

FCC ID: BCGA3577

IC ID: 579C-A3577

LOCATION:

UL India Private Limited,
30/A, I Stage, Visvesvaraya
Industrial Estate, Doddanekkundi
Industrial Area,
Bengaluru Urban – 560048
Karnataka, India.

General details

Customer / Applicant	Apple Inc, One Apple Park Way Cupertino, California 95014 U.S. A		
Program	A2LA		
Test Lab Location	Refer to the cover page for lab address		
Item Under Test	Wireless headphones		
Model Number	A3577		
Number of Samples	02		
UL Sample Identification	Radiated sample: 9610623 Conducted sample: 9610620		
Manufacturer Serial number (If any)	Radiated sample: DCCPX7F7P6 Conducted sample: JT9VNJQDJ61		
Condition of IUT on receipt	Good (No Physical Damage)		
Date of Receipt	30 Mar 2026		
Applicable Standard	FCC 47 CFR PAR 15 SUBPART C ISED RSS-247 ISSUE 4 ISED RSS-GEN ISSUE 5 + A1 + A2		
Date of Testing (Start date)	6 April 2026	End Date	21 April 2026
UL general ambient condition	Temperature in °C		(23 ± 5) °C
	Relative humidity in %		<70 %
	Atmospheric pressure		860 mbar to 1060 mbar
Date of Issue	27 Apr 2026		
Test In-Charge	Refer clause 1 (Test condition) of this test report.		

Suresh G N Digitally signed by Suresh G N Date: 2026.05.18 11:08:25 +05'30' Suresh G N Project Lead Engineer Reviewed by	Manish Kumar Digitally signed by Manish Kumar Date: 2026.05.18 11:15:01 +05'30' Manish Kumar Laboratory Manager Authorized signatory
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1 SUMMARY OF TEST RESULTS

FCC Clause	ISED Clause	Test Name	Results	Comment
See comment		Duty cycle	Reporting purpose only	ANSI C63.10 Section 11.6
-	RSS-GEN 6.7	20 dB Bandwidth 99% OBW	Reporting purpose only	ANSI C63.10 Section 6.9.2 and 6.9.3
15.247 (a) (1)	RSS-247 (6.2.1) (b) (6.2.3.1) (a)	Hopping Frequency Separation	P	None.
15.247 (a)(1)(iii)	RSS-247 (6.2.3.1) (b)	Number of Hopping Channels	P	None.
15.247 (a)(1)(iii)	RSS-247 (6.2.3.1) (b)	Average Time of Occupancy	P	None.
15.247 (b)(1)	RSS-247 (6.2.3.2)	Output power	P	None.
See Comment		Average Power	Reporting purpose only	ANSI 63.10 Section 11.9.2.3.2
15.247 (d)	RSS-247 (6.6)	Conducted spurious emission	P	None.
15.209, 15.205	RSS-GEN 8.9, 8.10	Radiated Emissions	P	None.
15.207	RSS-Gen 8.8	AC mains conducted emissions	P	None.

P: Meets the requirements F: Does not meet the requirement NA: Not applicable

Test condition

Test Item	Test Site details	Environmental	Test date	Tested by
Duty cycle	Wireless Lab 1	23.7°C, 52%	07 Apr 2026	24883 \ 105819
20dB Bandwidth / 99% OBW	Wireless Lab 1	22.1°C, 54% 23.5°C, 56%	13 Apr 2026 14 Apr 2026 21 Apr 2026	24883 \ 105819
Hopping Frequency Separation	Wireless Lab 1	21.5°C, 53%	14 Apr 2026	24883
Number of Hopping Channels	Wireless Lab 1	20.7°C, 54%	15 Apr 2026	24883
Average time of occupancy	Wireless Lab 1	21.4°C, 55%	15 Apr 2026	24883
Output Power	Wireless Lab 1	23.7°C, 52%	07 Apr 2026	24883 \ 105819
Conducted spurious emission	Wireless Lab 1	20.9°C, 51%	14 Apr 2026 16 Apr 2026 21 Apr 2026	24883 \ 105819
Radiated Emissions	SAC/FAC Chamber	24.0°C, 62% 24.2°C, 62% 24.2°C, 61% 25.1°C, 59%	15 Apr 2026 16 Apr 2026 17 Apr 2026 20 Apr 2026	105819 107474 32285
AC Mains Conducted Emissions	Emission Lab 1	24.0°C, 62%	15 Apr 2026	32285

2 GENERAL REMARKS.

REVISION HISTORY

Revision	Revised report number	Date	Page revised	Contents
Original	--	27 Apr 2026	--	Initial issue
Revision 1 (R1)	4792157433-A2LA-S2-R1	06 May 2026	Page 16 Page 11 Page 144 Page 151	- Removed the X, Y & Z orientation setup photos. - Section 4 of the test report corrected. 9 kHz to 30 MHz, Final measurement table added. - Conducted emission table calculation updated for average and QP detectors.
Revision 2 (R2)	4792157433-A2LA-S2-R2	18 May 2026	N/A	The report split into 4 separate copies to meet the size requirements.

3 CUSTOMER PROVIDED INFORMATION

No additional information provided by customer.

4 TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15, for FCC the lab followed ANSI C63.10-2020 and for ISED the lab followed ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, RSS-GEN Issue 5 + A1 + A2, and RSS-247 Issue 4.

5 FACILITY AND ACCREDITATION

Test location	UL India Private Limited
Address	30/A, 1 st Stage, Visvesvaraya Industrial Estate, Doddanekkundi Industrial Area, Bengaluru – 560048, India.
Accreditation certificate	UL India, EMC-W lab is accredited by A2LA. Certificate Number: 6728.01 ISED Company Number: 33069

Lab location	SAC/FAC Chamber SI.No 888522 (Radiated emission, Radiated Bandedge)
	WIRELESS LAB 1 (Conducted RF \ Antenna port measurements)
	EMISSION LAB 1 (Conducted emission)

6 DECISION RULES AND MEASUREMENT UNCERTAINTY

6.1 METHODOLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturer recommendation, whichever is less, and where applicable is traceable to recognized national standards.

6.2 DECISION RULES

The Decision is based on simple acceptance in accordance with IEC Guide 115: 2023, Clause 4.3.3. Measurement Uncertainty is not taken into account when stating conformity with a specified requirement.

6.2.1 MEASUREMENT UNCERTAINTY

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

Parameters	UL EMC-W lab
RF Output Power	1.35 dB
Occupied Bandwidth	1.71 %
Power Spectral Density	1.25 dB
RF Conducted	1.39 dB
Radiated disturbance below 30 MHz	4.5 dB
Radiated disturbance below 1 GHz	4.5 dB
Radiated disturbance above 1 GHz	4.9 dB
Conducted disturbance at mains terminal ports	2.9 dB

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

7 MEASUREMENT METHOD

On-Time and Duty cycle: ANSI C63.10 Section 11.6

Occupied Bandwidth (20dB): ANSI C63.10 Section 6.9.2

Occupied Bandwidth (99%): ANSI C63.10 Section 6.9.3

Carrier Frequency Separation: ANSI C63.10 Section 7.8.2

Number of Hopping Frequencies: ANSI C63.10 Section 7.8.3

Time of Occupancy (Dwell Time): ANSI C63.10 Section 7.8.4

Peak Output power: ANSI C63.10 Section 7.8.5

Conducted Spurious Emissions: ANSI C63.10 Section 7.8.7

Conducted Band-Edge: ANSI C63.10 Section 6.10.4

Radiated Band-Edge : ANSI C63.10 Section 6.10.5

Radiated spurious emissions: ANSI C63.10 Section 6.3 to 6.6 and 7.8.8

AC Power line conducted emissions: ANSI C63.10 Section 6.2

8 EQUIPMENT UNDER TEST

8.1. EUT Specification

Equipment	Wireless headphone
RF Protocol	BDR \ EDR.
Operation Channel frequency	BDR \ EDR: 2402 MHz to 2480 MHz: 1DH5. 2402 MHz to 2480 MHz: 2DH5. 2402 MHz to 2480 MHz: 3DH5.
Maximum output power measured	Left Cup: 1DH5: High Channel: Peak Max: 13.76 dBm (0.02377 Watts). Right Cup: 1DH5: High Channel: Peak Max: 13.72 dBm (0.02355 Watts).
Modulation Type	BDR \ EDR: Supports FHSS.
Modulation	BDR \ EDR: GFSK, $\pi/4$ DQPSK, 8DPSK
Data rate	BDR \ EDR: 1Mbps, 2Mbps, 3Mbps.
Number of Antenna	Left Cup: One antenna. Right Cup: One Antenna.
Antenna Type & Gain	Refer Clause 8.2 of this report.
Power supply	Battery Operated "Charging mode" - 120V 60Hz "AC".

8.2. Antenna Description

RF protocol	Make \ Antenna type	Brand	Frequency range	Antenna Directional peak gain		Comment	
			MHz	dBi			
				Left Cup	Right Cup		
BLE \ BDR \ EDR	Apple \ PCB antenna	N/A	2402	0.56	1.78	SISO	
			2441	0.56	2.24		
			2480	0.24	2.26		

*Disclaimer:

The information/data is supplied by the client and the same is considered to arrive at the final value. Any changes made apart from the specified specification can directly impact on the test results.

8.3. EUT Description & Intended Usage

The EUT is Wireless Headphone

Hardware version	EVT
Software version	4A114

8.4. Channel List

BDR \ EDR

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		

8.5. Utility Software/Test Tool Details

Below software is used for the EUT configuration in different test modes

RF protocol	Test tool name	Version	Comments
BDR/EDR	Cool Term	Version 2.4.0 (Build 1425)	User for Antenna port measurements
BDR/EDR	Terminal	Version 2.14 (451)	.py scrips used for radiated spurious emission and Radiated bandedge.

8.6. Description of Test setup

Support equipment

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
MAC book pro	Apple	A2992	GQW71F6CRF	--

I/O Cables

IO Cable list						
Cable No	Port	# of identical ports	Connector type	Cable type	Cable Length (m)	Remarks
1	USB-C	1	USB-C	Shielded	1.5m	The cable was used to connect the EUT either to the laptop or to the power adaptor

9 WORST-CASE CONFIGURATION AND MODE

Radiated emissions below 1GHz, above 18GHz and power line conducted emissions were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

Band edge and radiated emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low, middle and high channels. Radiated Spurious emissions were tested for modes with worst-case power and PSD.

The EUT is assessed in 3 orthogonal orientations, refer “*Test Setup Photograph documents*” shared along with test reports for orientation details.

For Left Cup, the fundamentals of the EUT was investigated in three orthogonal orientations X, Y & Z as shown above. It was determined that the X orientation was worst-case orientation. Therefore, All final radiated testing was performed with the EUT in X orientation.

For Right Cup, the fundamentals of the EUT was investigated in three orthogonal orientations X, Y & Z as shown above. It was determined that the X orientation was worst-case orientation. Therefore, All final radiated testing was performed with the EUT in X orientation.

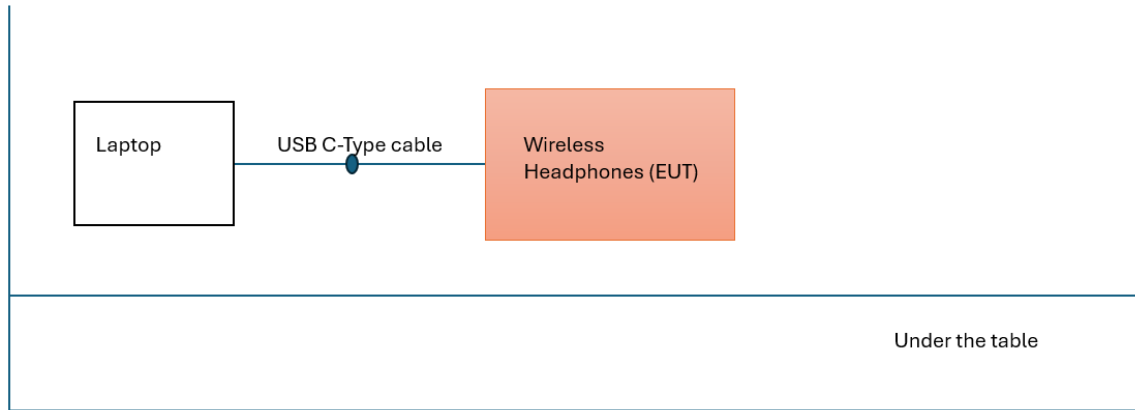
Test Item	Modulation Type			Available Channels				Test Channel				Remark
	DH5	2DH5	3DH5	Hopping	Non-Hopping			Hopping	Non-Hopping			
				--	0	39	78		0	39	78	
Duty cycle	✓	✓	✓	--	0	39	78	--	X	✓	X	Left Cup
20 dB Bandwidth 99% OBW	✓	✓	✓	--	0	39	78	--	✓	✓	✓	Left Cup
Hoping for Frequency Separation	✓	✓	✓	--	0	39	78	✓	X	X	X	Left Cup
Number of Hopping Channels	✓	✓	✓	--	0	39	78	✓	X	X	X	Left Cup
Average Time of Occupancy	✓	✓	✓	--	0	39	78	--	X	✓	X	Left Cup

Output power	✓	✓	✓	--	0	39	78	--	✓	✓	✓	Left Cup
Conducted spurious emission	✓	✓	✓	--	0	39	78	✓	✓	✓	✓	Left Cup
Radiated spurious emission <1GHz	✓	X	X	--	0	39	78	--	X	X	✓	Left Cup
Radiated spurious emission >18GHz	✓	X	X	--	0	39	78	--	X	X	✓	Left Cup
Radiated spurious emission 1GHz to 18 GHz	✓	X	✓	--	0	39	78	--	✓	✓	✓	Left Cup
Radiated band-edge	✓	X	✓	--	0	39	78	--	✓	✓	✓	Left Cup
AC mains conducted emissions	✓	X	X	--	0	39	78	--	X	X	✓	Left Cup

Test Item	Modulation Type			Available Channels				Test Channel				Remark
	DH5	2DH5	3DH5	Hopping	Non-Hopping			Hopping	Non-Hopping			
				--	0	39	78		0	39	78	
Duty cycle	✓	✓	✓	--	0	39	78	--	X	✓	X	Right Cup
20 dB Bandwidth 99% OBW	✓	✓	✓	--	0	39	78	--	✓	✓	✓	Right Cup
Hoping for Frequency Separation	✓	✓	✓	--	0	39	78	✓	X	X	X	Right Cup

Number of Hopping Channels	✓	✓	✓	--	0	39	78	✓	X	X	X	Right Cup
Average Time of Occupancy	✓	✓	✓	--	0	39	78	--	X	✓	X	Right Cup
Output power	✓	✓	✓	--	0	39	78	--	✓	✓	✓	Right Cup
Conducted spurious emission	✓	✓	✓	--	0	39	78	✓	✓	✓	✓	Right Cup
Radiated spurious emission <1GHz	✓	X	X	--	0	39	78	--	X	X	✓	Right Cup
Radiated spurious emission >18GHz	✓	X	X	--	0	39	78	--	X	X	✓	Right Cup
Radiated spurious emission 1GHz to 18 GHz	✓	X	✓	--	0	39	78	--	✓	✓	✓	Right Cup
Radiated band-edge	✓	X	✓	--	0	39	78	--	✓	✓	✓	Right Cup
AC mains conducted emissions	✓	X	X	--	0	39	78	--	X	X	✓	Right Cup

10 SETUP DIAGRAM FOR TEST



Note: The above block diagram is an example of connection diagram of EUT test configurations. For details, please refer to test photographs for each test item.

11 TEST AND MEASUREMENT EQUIPMENT

Test Equipment	Manufacturer	Model Number	Serial Number	Global ID	Last Calibration	Next Calibration
Conducted RF \ Antenna port measurements						
Real-Time Peak power sensor, 50MHz to 6GHz.	Boonton	RTP5006	11668	208650	02 Jun 2025	02 Jun 2026
Signal Analyzer	Rohde & Schwarz	FSV40	101525	202687	05 Jul 2025	05 Jul 2026
RF Cable (Antenna port 1)	Junflon	--	--	--	CNR	CNR
Boonton power analyzer software	Boonton	Version 4.2.0.0	--	--	CNR	CNR
10dB Attenuator SMA	Bestek	--	--	--	CNR*	CNR*
Digital Altimeter	HTC	AL-7010	--	203314	07 Feb 2026	07 Feb 2027
Radiated Emission						
Active Loop antenna	ETS Lindgren	6502	00235119	208865	01 May 2025	01 May 2026
Trilog broadband antenna	Schwarzbeck	VULB 9162	9162-0244	194608	25 Jun 2024	25 Jun 2026
Signal Amplifier	Sonoma	315	454709	--	28 Feb 2026	28 Feb 2027
EMI Test Receiver	Rohde & Schwarz	ESR7	102146	192268	01 Jun 2025	01 Jun 2026
Double-Ridged waveguide antenna	ETS-Lindgren	3117	00218956	194735	14 Oct 2025	14 Oct 2027
Preamplifier	Rohde & Schwarz	SCU18	100722	192278	23 Jan 2026	23 Jan 2027
Signal and Spectrum Analyzer	Rohde & Schwarz	FSW26	103834	264588	22 Apr 2025	22 Apr 2026
Signal Analyzer	Rohde & Schwarz	FSV40	101525	202687	05 Jul 2025	05 Jul 2026
Horn Antenna	Schwarzbeck	BBHA9170 BB	910	194629	15 Sep 2025	15 Sep 2027

Test Equipment	Manufacturer	Model Number	Serial Number	Global ID	Last Calibration	Next Calibration
Preamplifier	Rohde & Schwarz	SCU40A	101206	203204	04 Jul 2025	04 July 2026
Highpass Filter	Wainwright	WHKX12-2757-2997-18000-50SS	SN34	--	CNR	CNR
3dB Attenuator	Mini-Circuits	BW-N3W5+	1013	--	CNR*	CNR*
10dB Attenuator SMA	Bestek	--	--	--	CNR*	CNR*
RE Test Software (V10.35.02)	Rohde & Schwarz	EMC32	--	--	CNR	CNR
3meter SAC Chamber (NSA and SVSWR)	TDK	--	888522	267120	10 Oct 2025	10 Oct 2027
Digital Altimeter	HTC	AL-7010	--	203314	24 Jan 2026	24 Jan 2027
Digital Thermohygrometer	Mextech	--	--	179781	04 Jun 2025	04 Jun 2026
Conducted Emission						
Line Impedance Stabilization Network	Scientific	SMLIN100-4	205010	267783	11 Jun 2025	11 Jun 2026
EMI Test Receiver	Rohde & Schwarz	ESR7	102146	192268	01 Jun 2025	01 Jun 2026
EMI Test Receiver	Rohde & Schwarz	ESCI-3	101058	169121	26 Jan 2026	27 Jan 2027
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101153	170343	24 Jan 2026	24 Jan 2027
CE BNC Cable	--	CE Cable	--	230491	2 Jan 2026	02 Jan 2027
CE Test Software (V10.99)	TDK	--	--	--	CNR	CNR
Other Equipment's						
Digital Multimeter	Fluke	87 V	97800068	169405	1 Nov 2025	01 Nov 2026

CNR -> Calibration not required.

CNR* -> Calibration not required, Verified before start of test.

12 TEST DETAILS

12.1.1. ON TIME AND DUTY CYCLE

LIMITS

None, for reporting purpose only.

PROCEDURE

KDB 558074 Zero-span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Left Cup

Mode	ON Time	Period	Duty cycle	Duty cycle	Duty cycle Correction factor	1/T Minimum VBW
	B		x	(%)	(dB)	(kHz)
	(mSec)	(mSec)	(Linear)			
Bluetooth GFSK (DH5)	2.878	3.752	0.767	76.712	1.151	0.347
Bluetooth QPSK (2DH5)	2.871	3.728	0.770	77.007	1.135	0.348
Bluetooth 8PSK (3DH5)	2.860	3.737	0.765	76.529	1.162	0.350

Right Cup

Mode	ON Time	Period	Duty cycle	Duty cycle	Duty cycle Correction factor	1/T Minimum VBW
	B		x	(%)	(dB)	(kHz)
	(mSec)	(mSec)	(Linear)			
Bluetooth GFSK (DH5)	2.878	3.752	0.767	76.715	1.151	0.347
Bluetooth QPSK (2DH5)	2.867	3.748	0.765	76.499	1.163	0.349
Bluetooth 8PSK (3DH5)	2.871	3.752	0.765	76.522	1.162	0.348

Calculation:

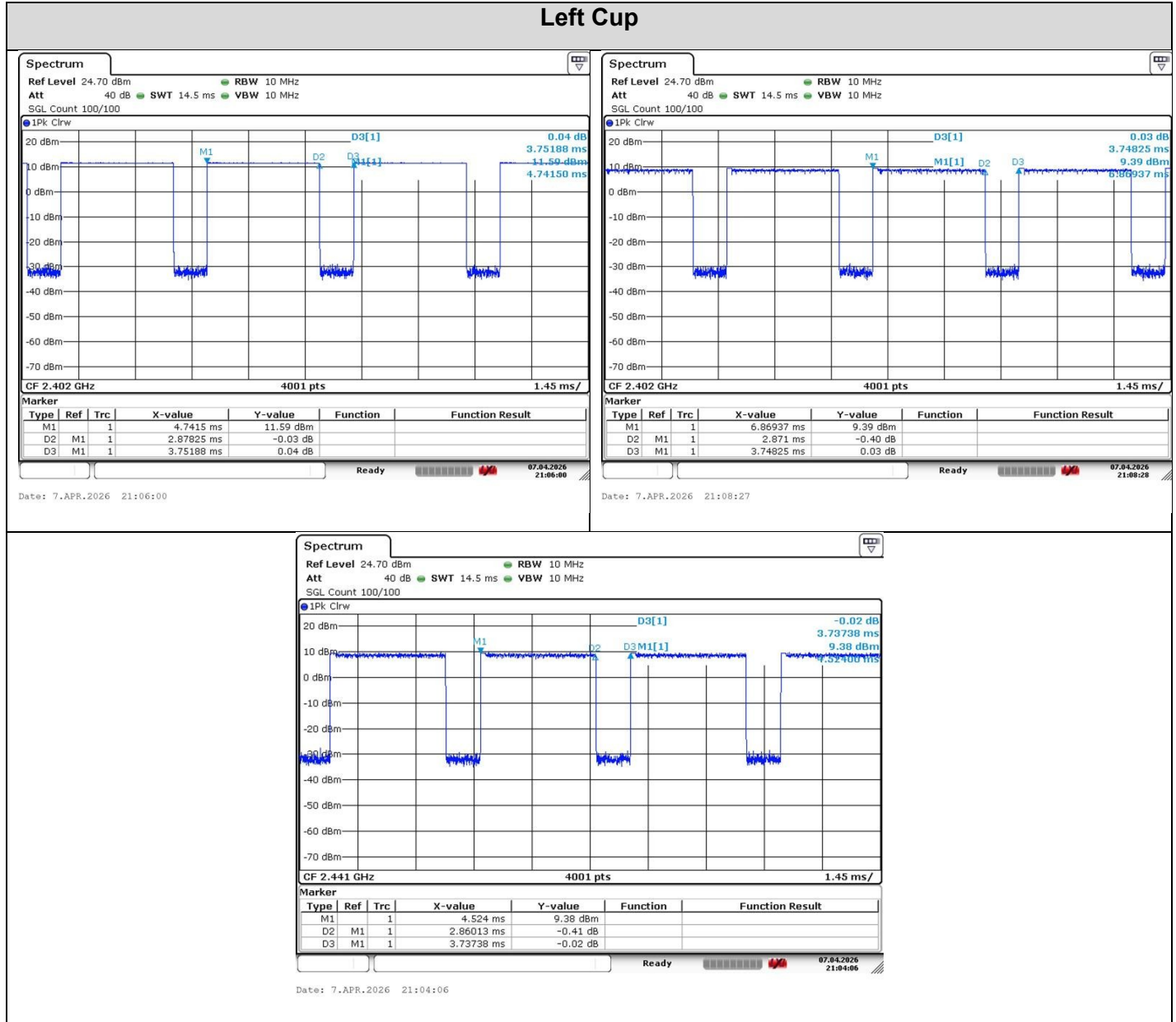
Duty cycle (x) = ON Time / Period.

Duty cycle (%) = Duty cycle (x) * 100.

Duty cycle correction factor = $10 \cdot \log(1/x)$: where x = Duty cycle in Linear.

1/T Minimum VBW = 1 / On Time.

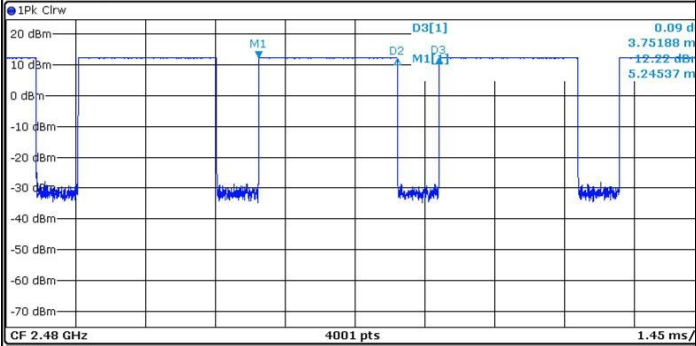
Duty cycle plots



Right Cup

Spectrum

Ref Level 24.70 dBm
Att 40 dB
RBW 10 MHz
SWT 14.5 ms
VBW 10 MHz
SGL Count 100/100

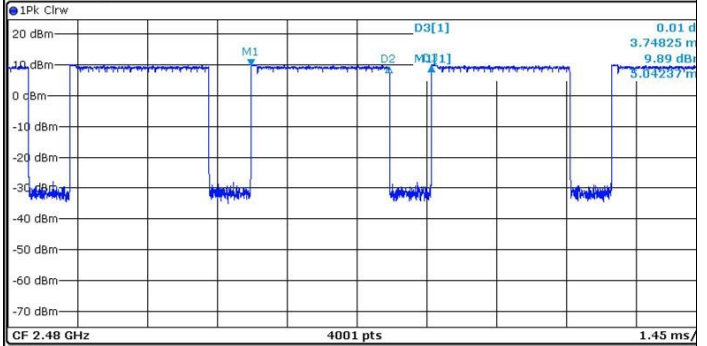


Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	M1	1		5.24537 ms	12.22 dBm		
D2	M1	1		2.87825 ms	-0.03 dB		
D3	M1	1		3.75188 ms	0.09 dB		

Date: 7.APR.2026 22:11:19

Spectrum

Ref Level 24.70 dBm
Att 40 dB
RBW 10 MHz
SWT 14.5 ms
VBW 10 MHz
SGL Count 100/100

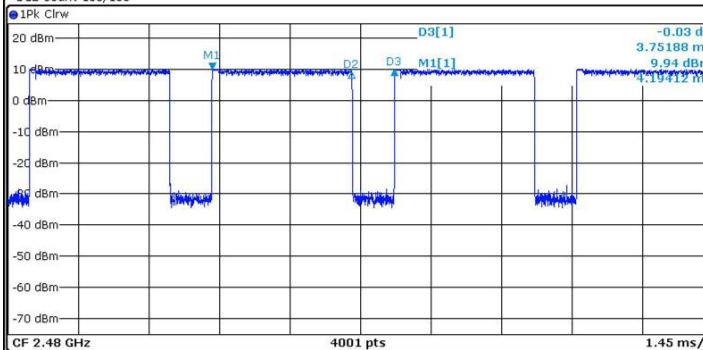


Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	M1	1		5.04237 ms	9.89 dBm		
D2	M1	1		2.86738 ms	-0.50 dB		
D3	M1	1		3.74825 ms	0.01 dB		

Date: 7.APR.2026 22:13:04

Spectrum

Ref Level 24.70 dBm
Att 40 dB
RBW 10 MHz
SWT 14.5 ms
VBW 10 MHz
SGL Count 100/100



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	M1	1		4.19412 ms	9.94 dBm		
D2	M1	1		2.871 ms	-0.82 dB		
D3	M1	1		3.75188 ms	-0.03 dB		

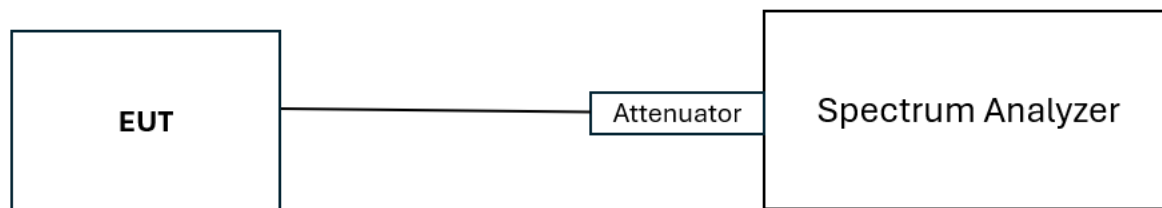
Date: 7.APR.2026 22:15:14

12.1.2. 20DB BANDWIDTH AND 99% OBW**LIMITS**

None, For reporting purpose only.

PROCEDURE

The transmitter output is connected to a spectrum analyzer. The RBW is set to 1-5% of the 20dB or 99% Occupied bandwidth. The VBW is set to at least 3*RBW. The sweep time is coupled.

TEST SETUP

The loss between RF output port of the EUT and the input port of the spectrum analyzer has been taken into consideration.

TEST RESULTS

Left Cup

Type	Channel	Frequency	20 dB Bandwidth	99% Bandwidth
		(MHz)	(MHz)	(MHz)
Basic data rate, GFSK	Low	2402	0.8950	0.889
Basic data rate, GFSK	Mid	2441	0.8951	0.886
Basic data rate, GFSK	High	2480	0.8951	0.886
Enhanced data rate, QPSK	Low	2402	1.2248	1.149
Enhanced data rate, QPSK	Mid	2441	1.2268	1.152
Enhanced data rate, QPSK	High	2480	1.2268	1.152
Enhanced data rate, 8PSK	Low	2402	1.2108	1.158
Enhanced data rate, 8PSK	Mid	2441	1.2088	1.155
Enhanced data rate, 8PSK	High	2480	1.2088	1.158

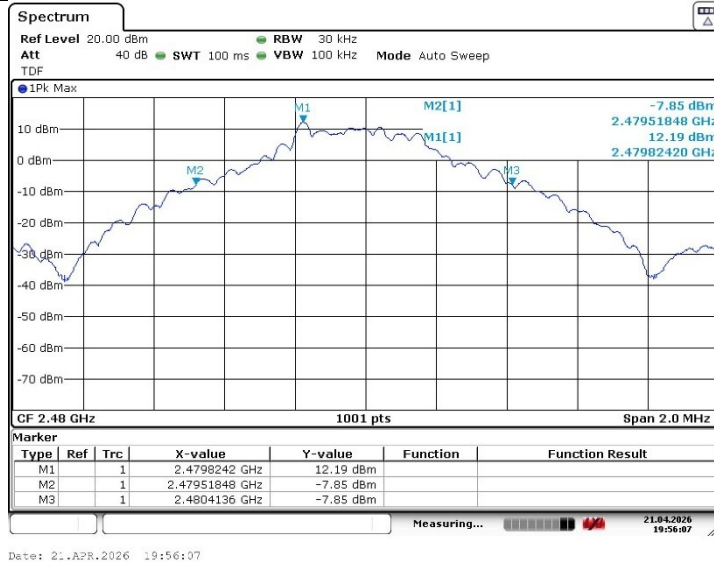
Right Cup

Type	Channel	Frequency	20 dB Bandwidth	99% Bandwidth
		(MHz)	(MHz)	(MHz)
Basic data rate, GFSK	Low	2402	0.8912	0.885
Basic data rate, GFSK	Mid	2441	0.8911	0.885
Basic data rate, GFSK	High	2480	0.8951	0.888
Enhanced data rate, QPSK	Low	2402	1.2288	1.151
Enhanced data rate, QPSK	Mid	2441	1.2288	1.151
Enhanced data rate, QPSK	High	2480	1.2288	1.151
Enhanced data rate, 8PSK	Low	2402	1.2108	1.154
Enhanced data rate, 8PSK	Mid	2441	1.2108	1.154
Enhanced data rate, 8PSK	High	2480	1.2448	1.160

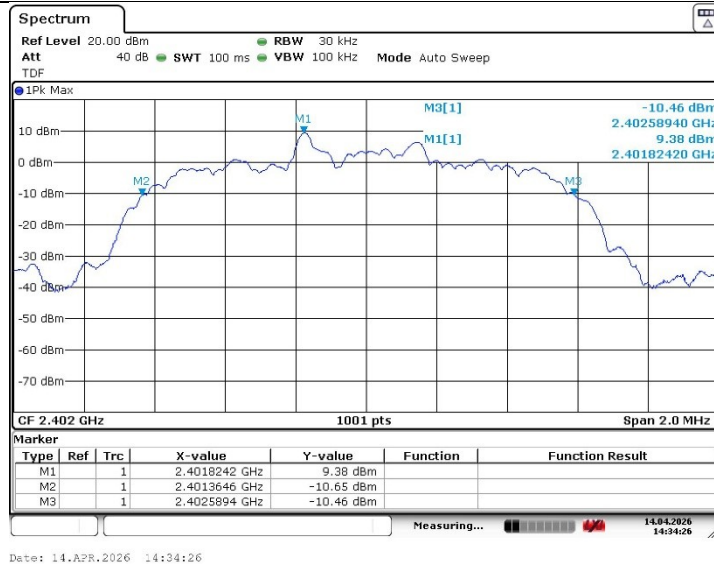
TEST PLOTS – 20 dB Bandwidth



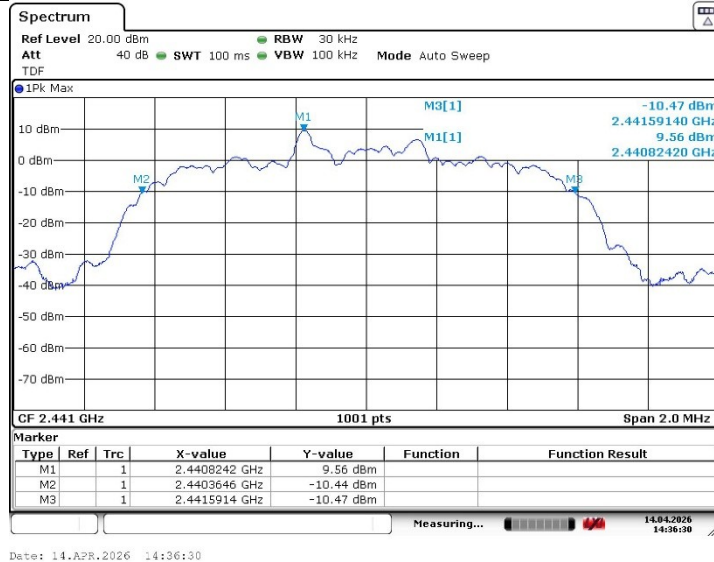
BDR : GFSK (DH5): High



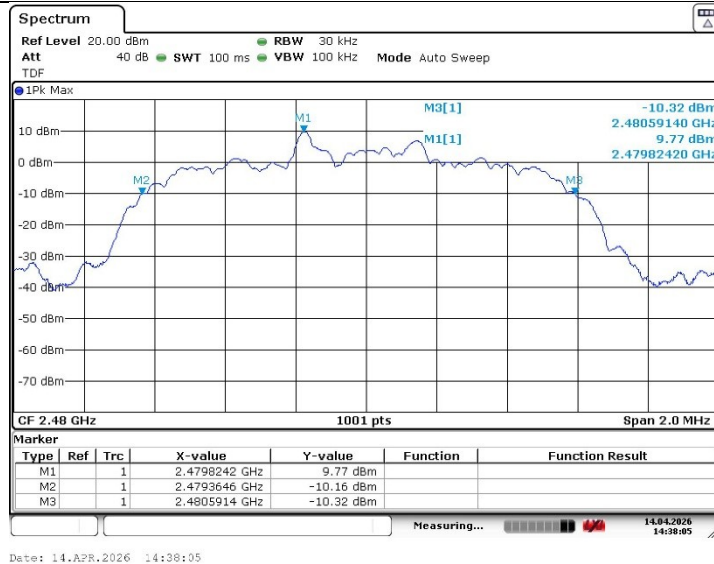
EDR : QPSK (2DH5): Low



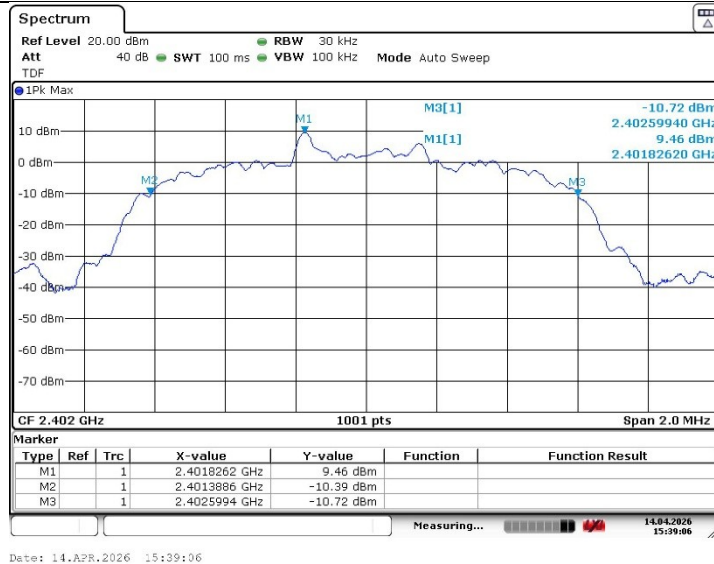
EDR : QPSK (2DH5): Mid



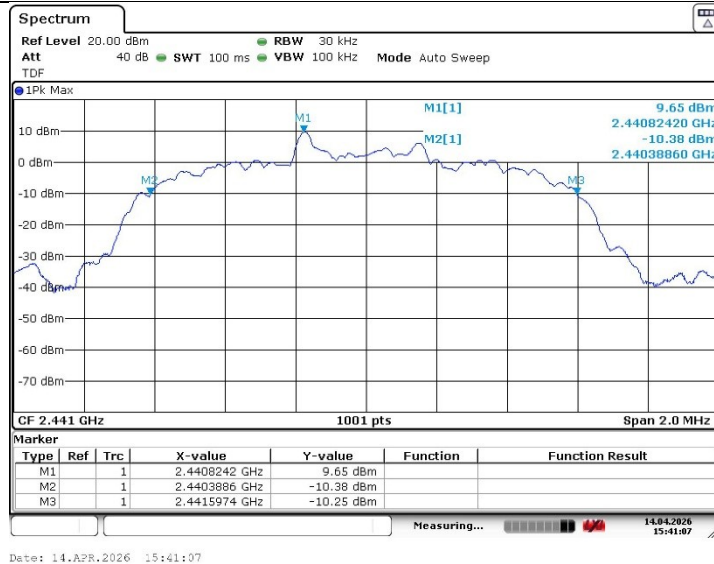
EDR : QPSK (2DH5): High



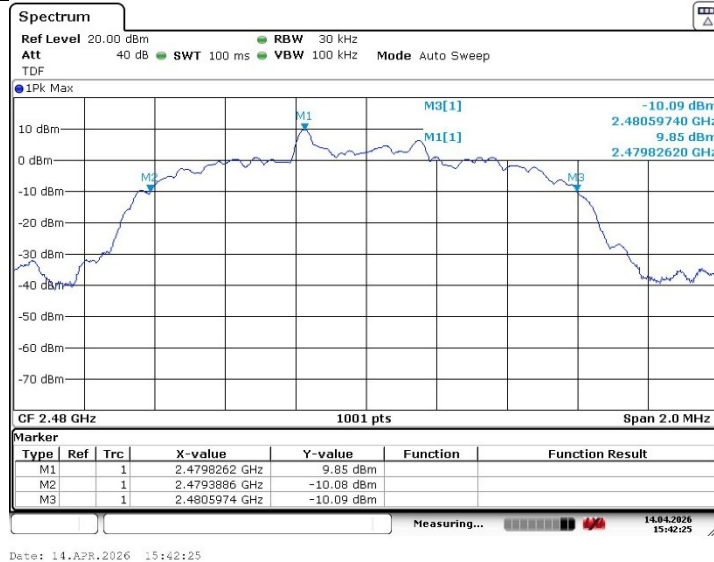
EDR : 8PSK (3DH5): Low



EDR : 8PSK (3DH5): Mid

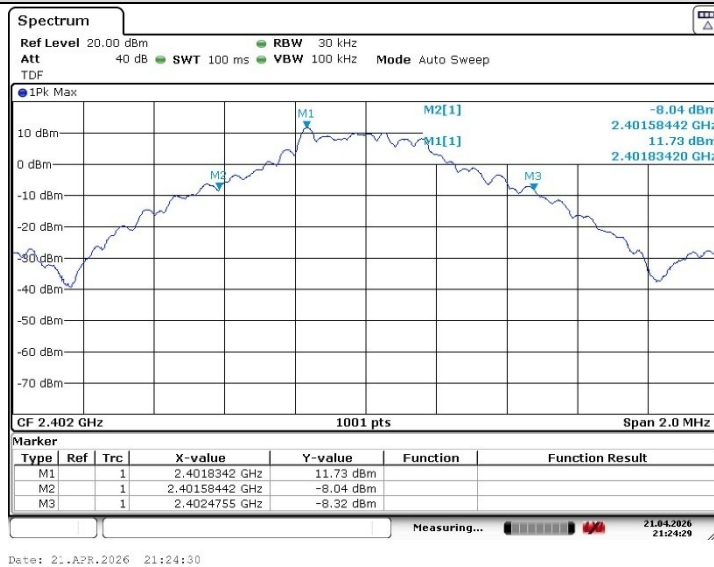


EDR : 8PSK (3DH5): High

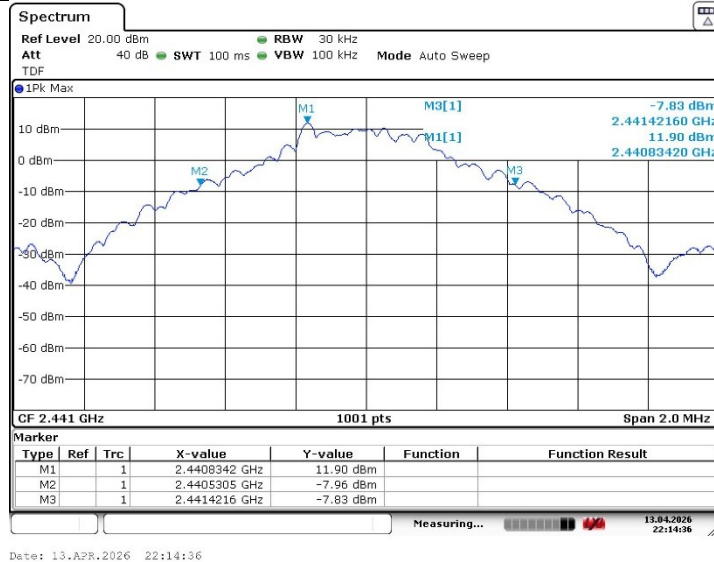


Right CUP

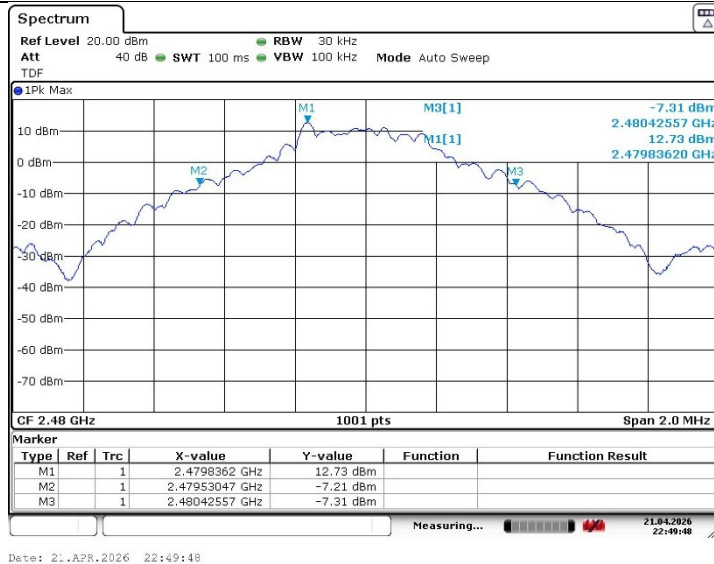
BDR : GFSK (DH5): Low



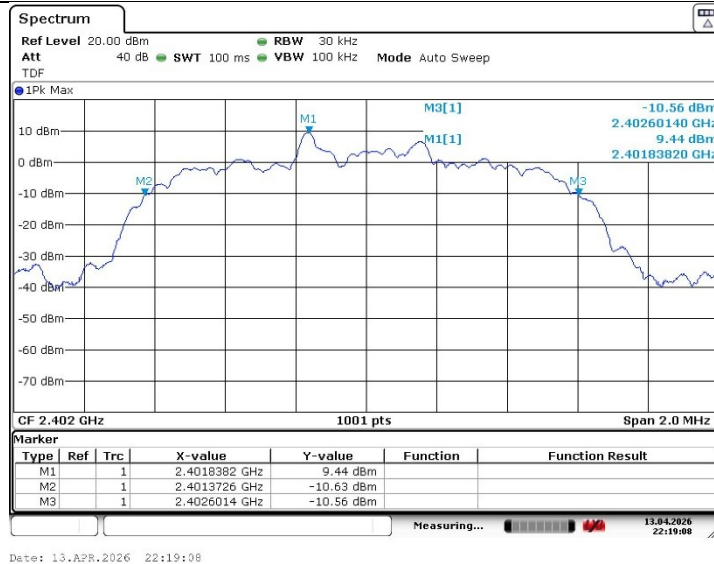
BDR : GFSK (DH5): Mid



BDR : GFSK (DH5): High

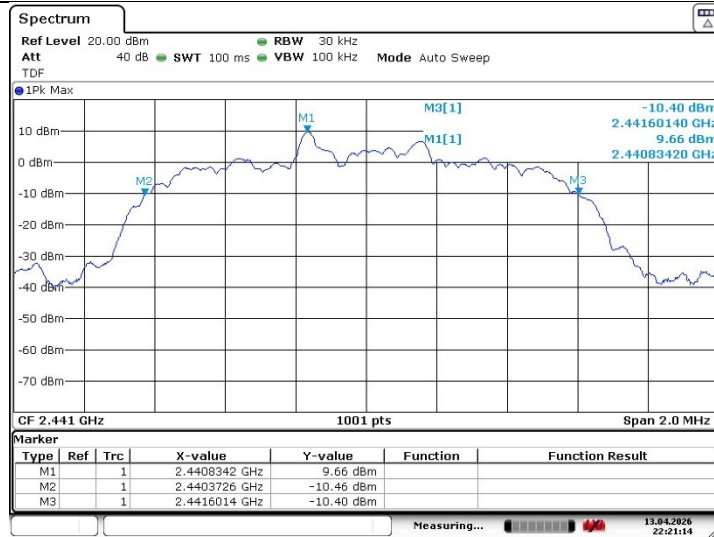


EDR : QPSK (2DH5): Low



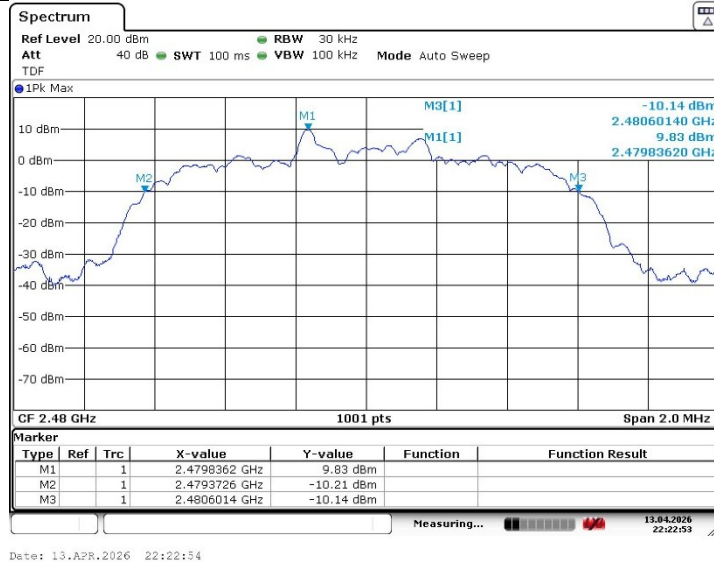
Date: 13.APR.2026 22:19:08

EDR : QPSK (2DH5): Mid

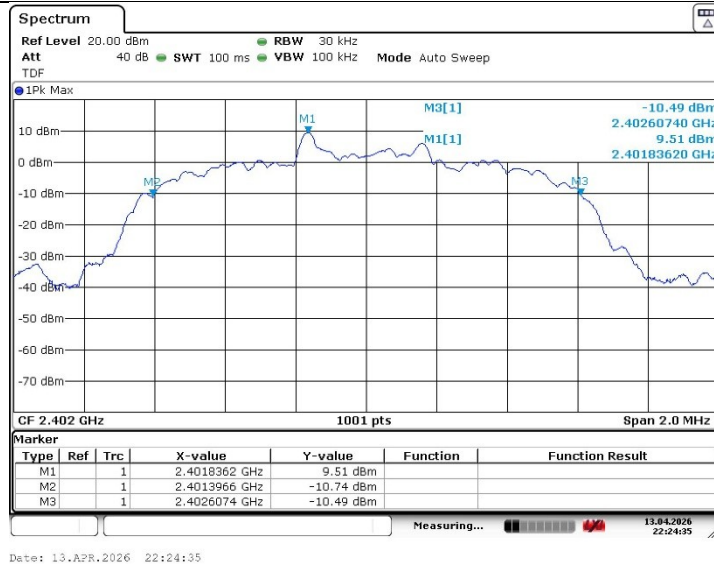


Date: 13.APR.2026 22:21:14

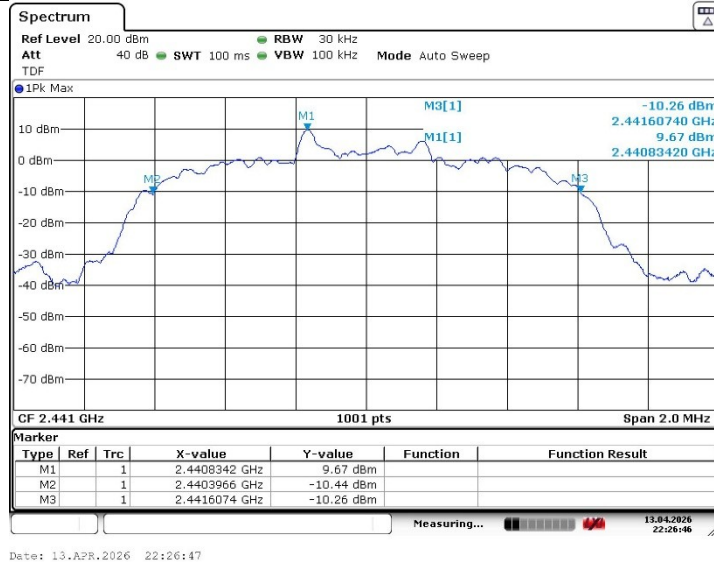
EDR : QPSK (2DH5): High



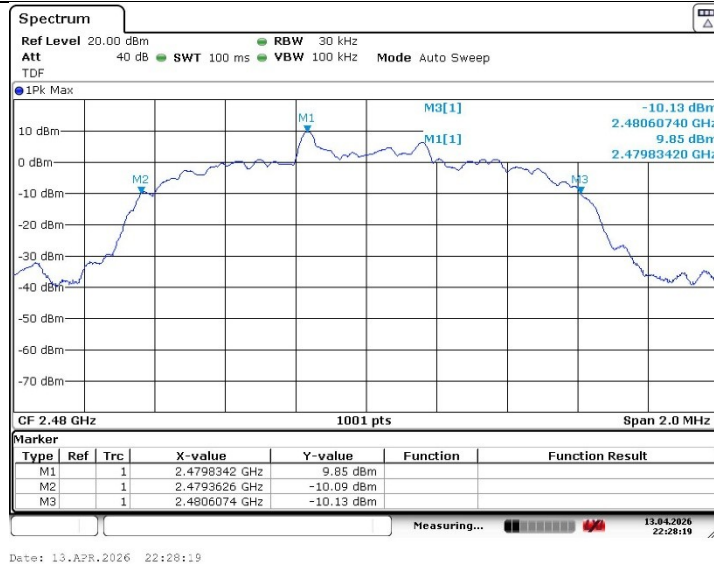
EDR : 8PSK (3DH5): Low



EDR : 8PSK (3DH5): Mid



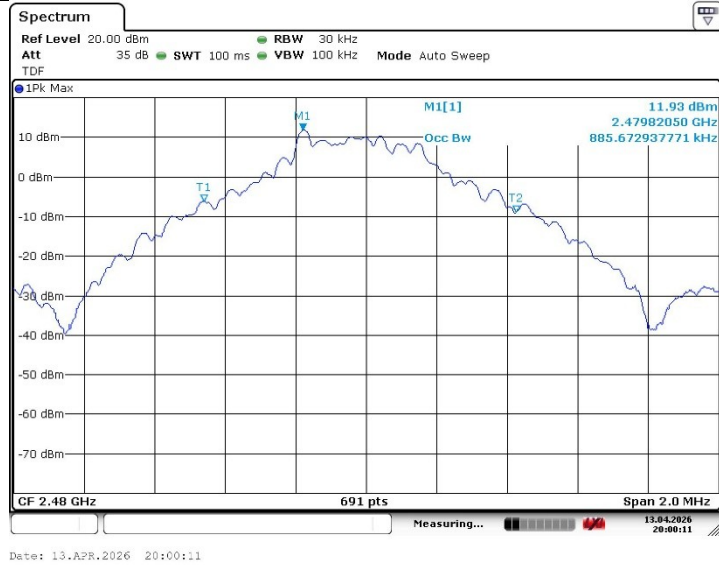
EDR : 8PSK (3DH5): High



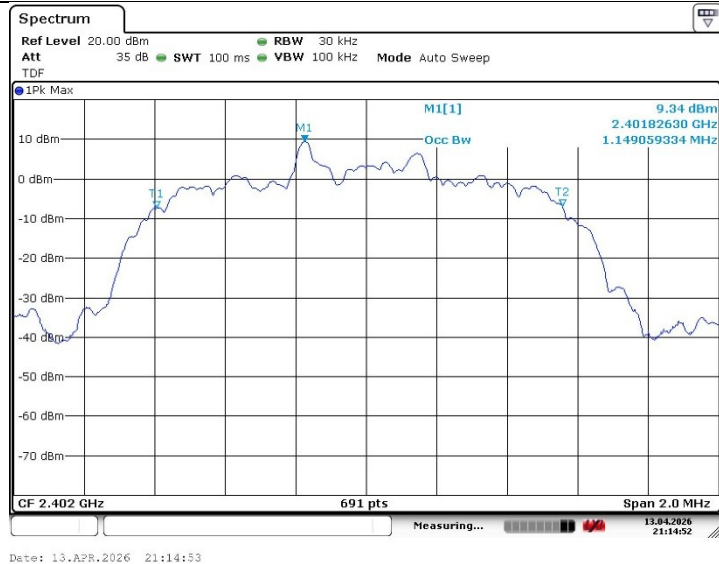
TEST PLOTS – 99% OBW



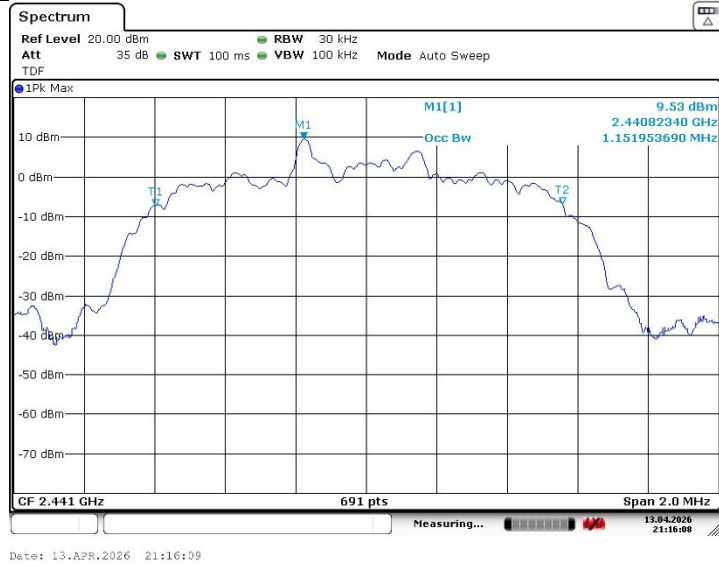
BDR : GFSK (DH5): High



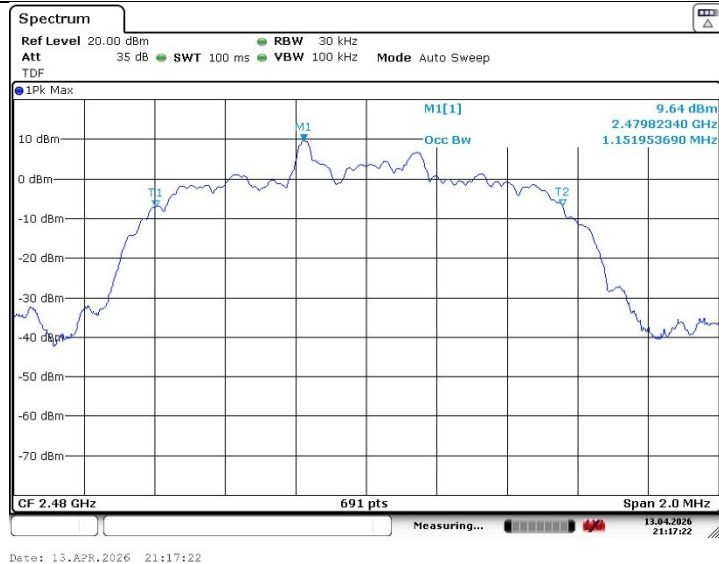
EDR : QPSK (2DH5): Low



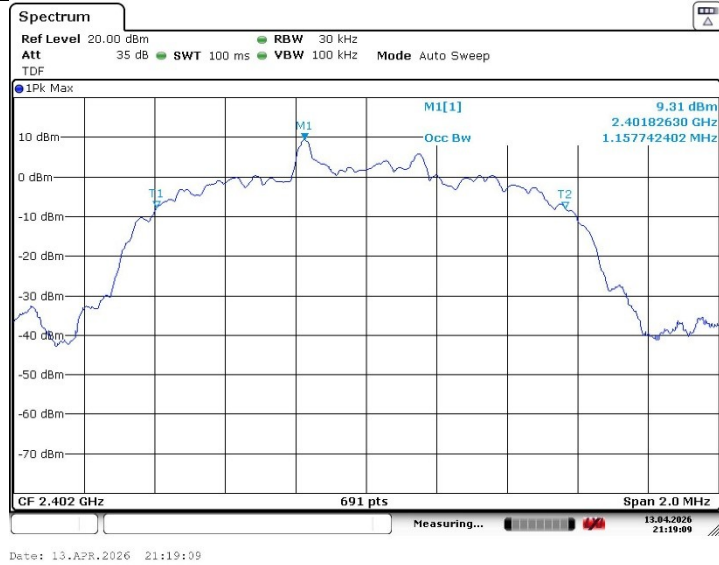
EDR : QPSK (2DH5): Mid



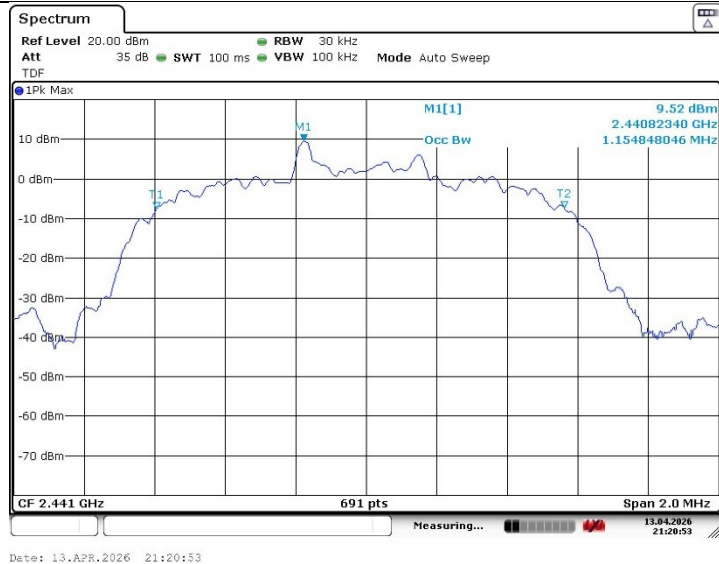
EDR : QPSK (2DH5): High



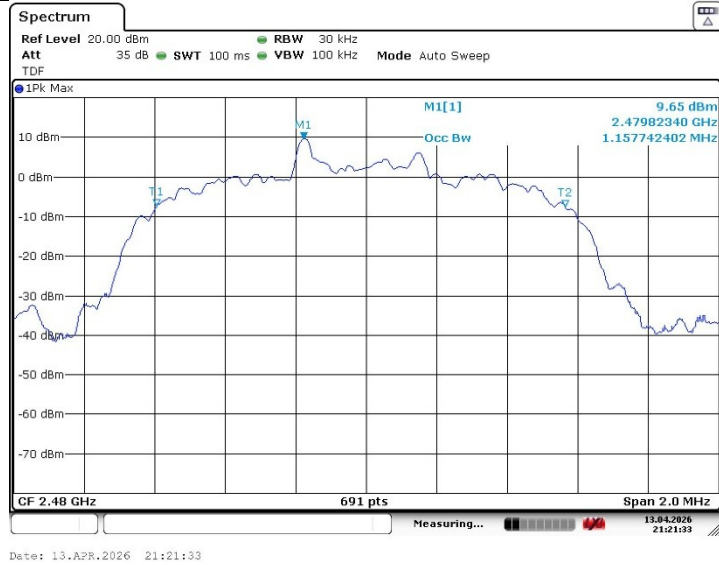
EDR : 8PSK (3DH5): Low



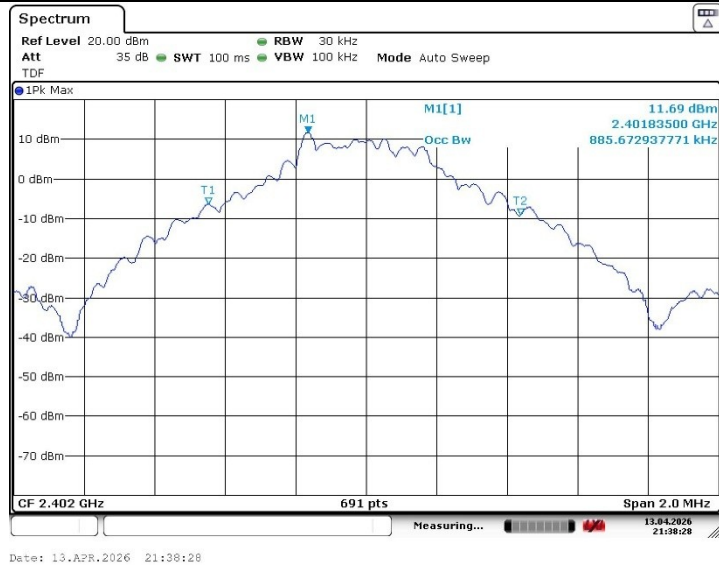
EDR : 8PSK (3DH5): Mid



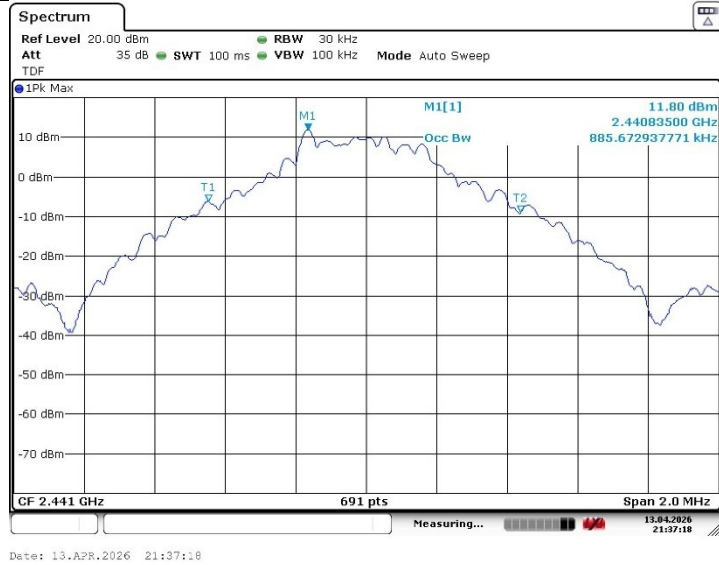
EDR : 8PSK (3DH5): High


Right CUP

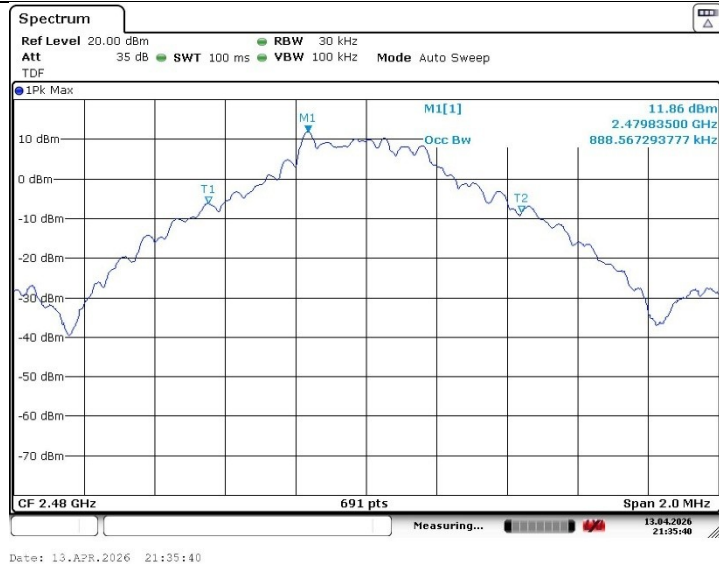
BDR : GFSK (DH5): Low



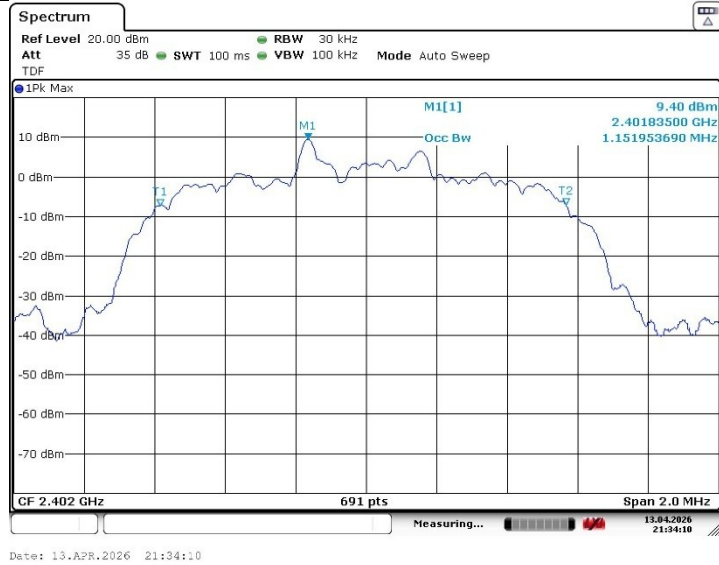
BDR : GFSK (DH5): Mid



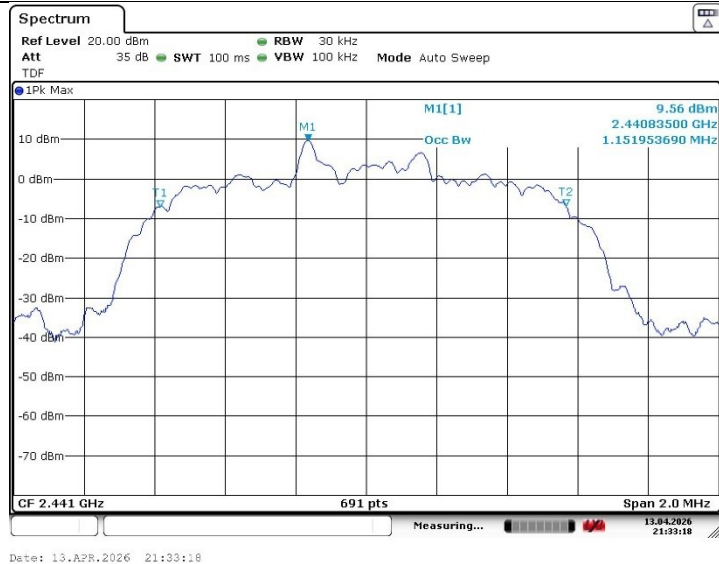
BDR : GFSK (DH5): High



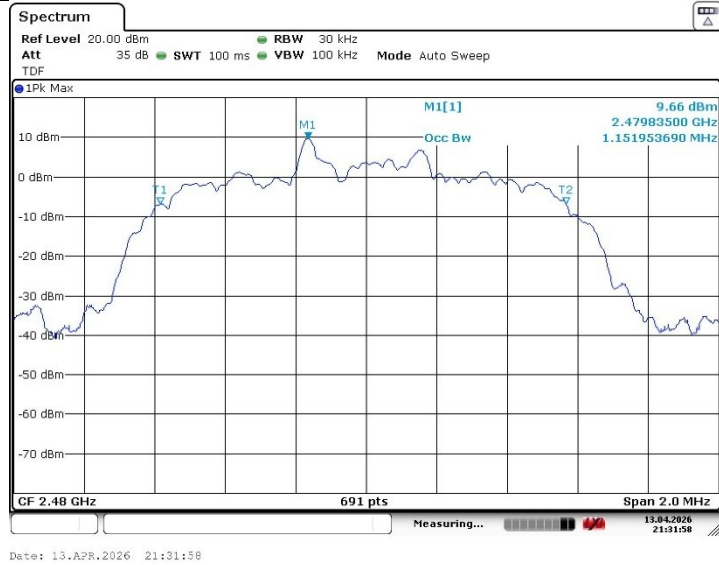
EDR : QPSK (2DH5): Low



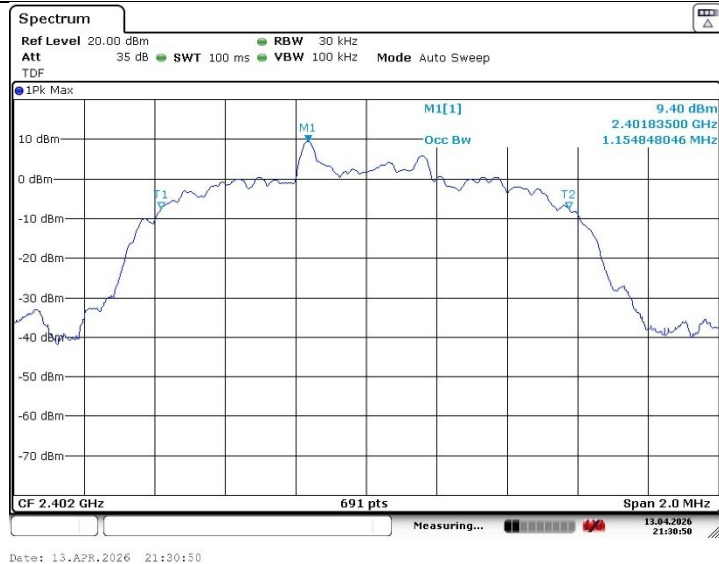
EDR : QPSK (2DH5): Mid



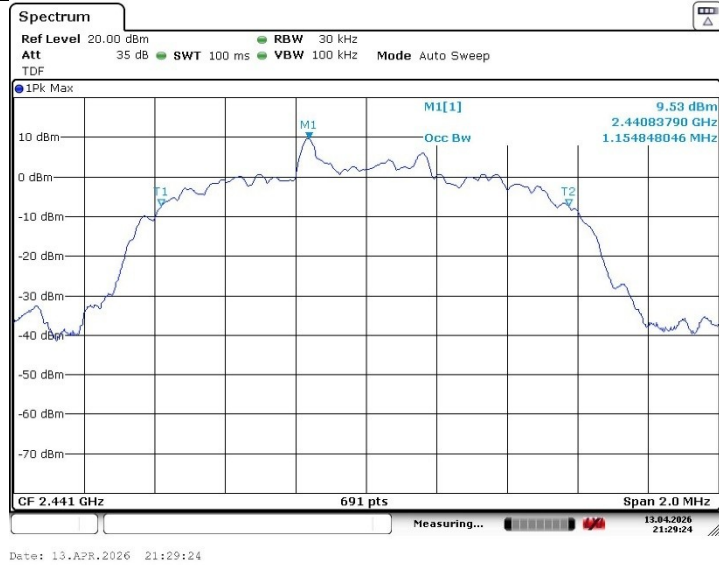
EDR : QPSK (2DH5): High



EDR : 8PSK (3DH5): Low



EDR : 8PSK (3DH5): Mid



EDR : 8PSK (3DH5): High

