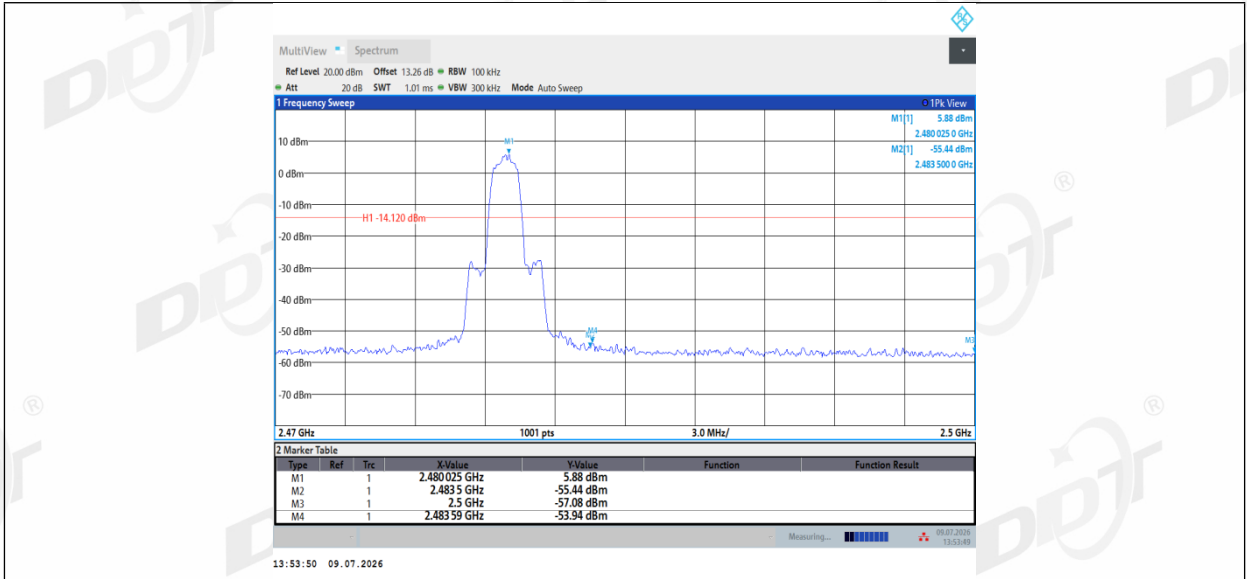
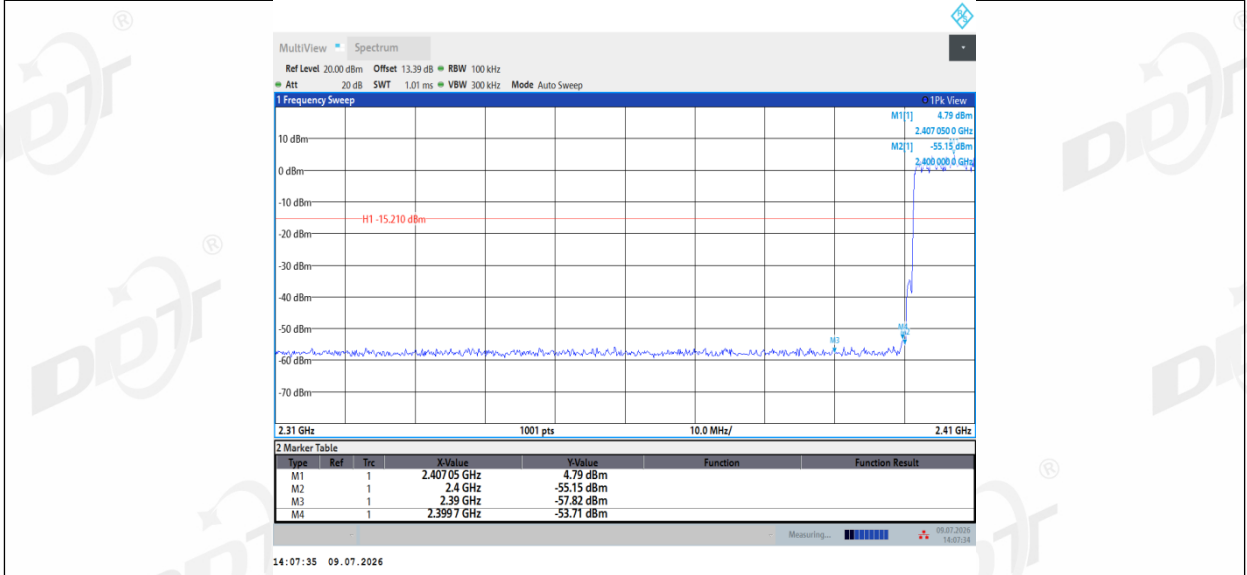
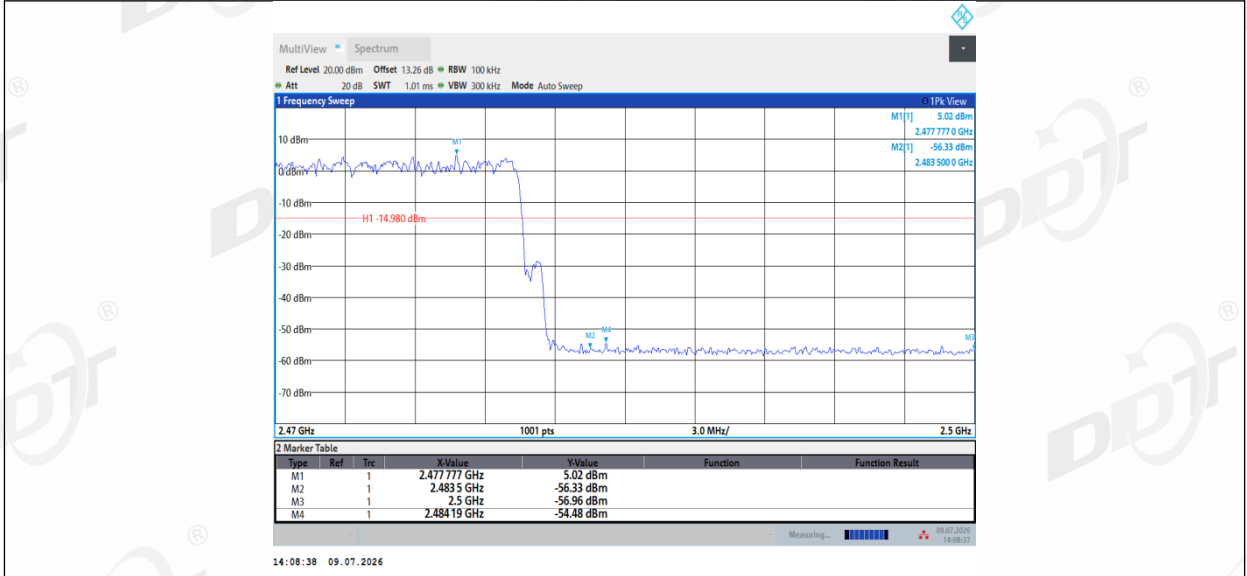




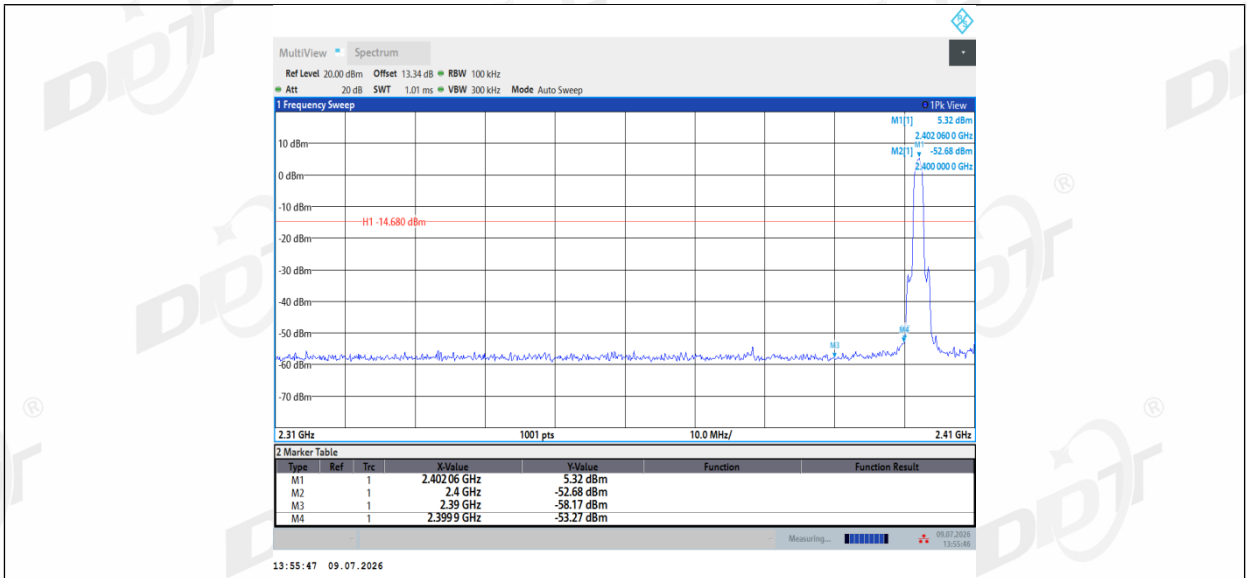
2DH5_Ant1_Low_Hop_2402



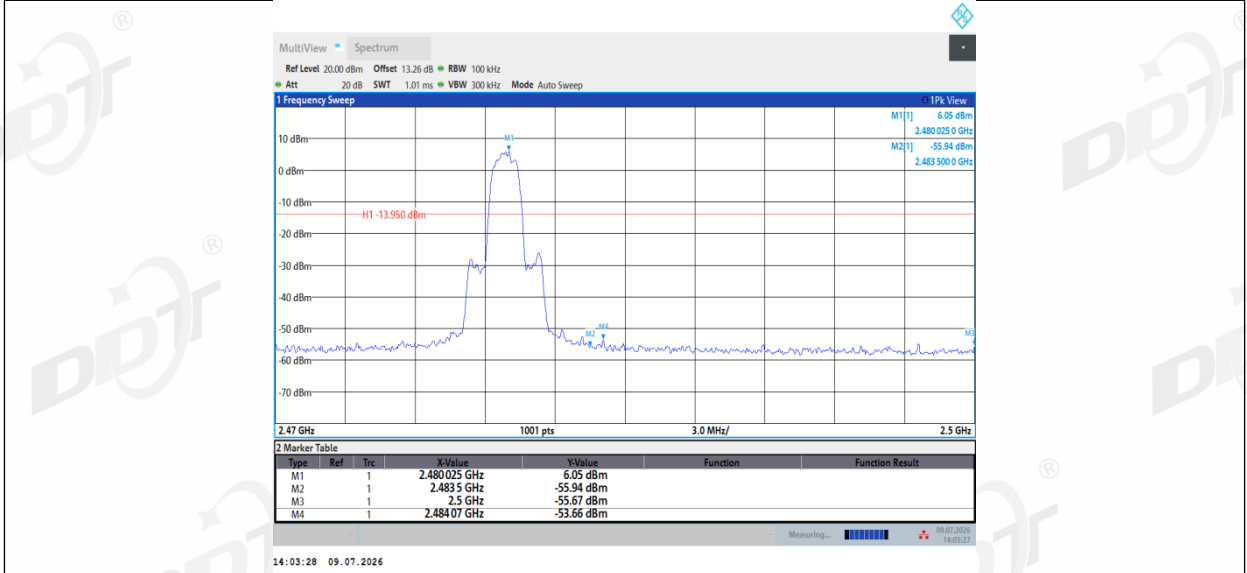
2DH5_Ant1_High_Hop_2480



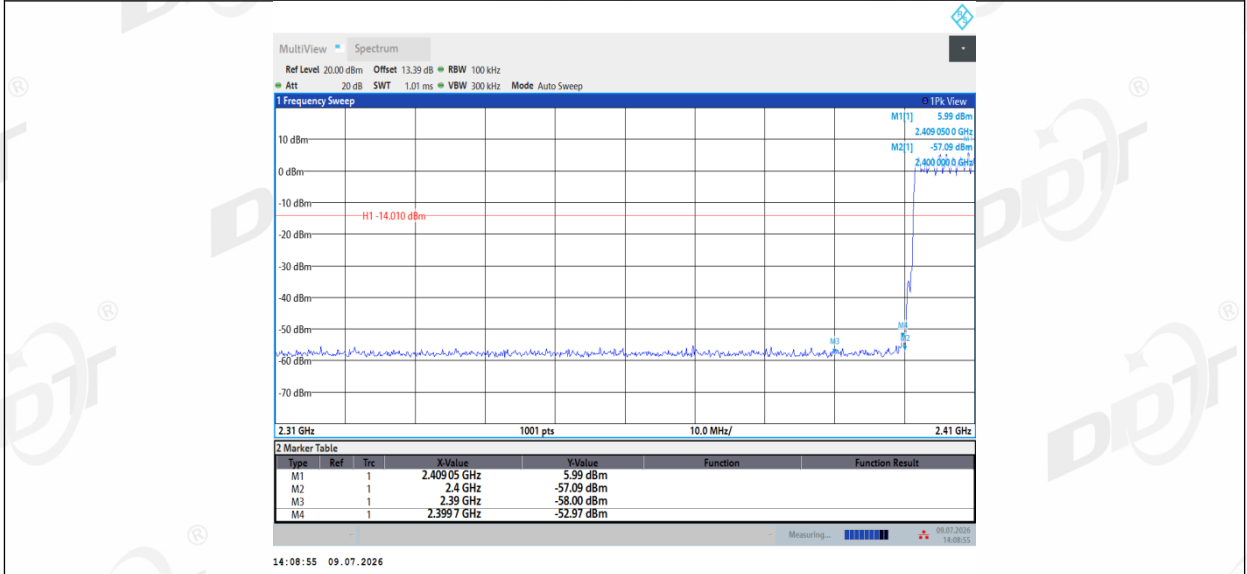
3DH5_Ant1_Low_2402



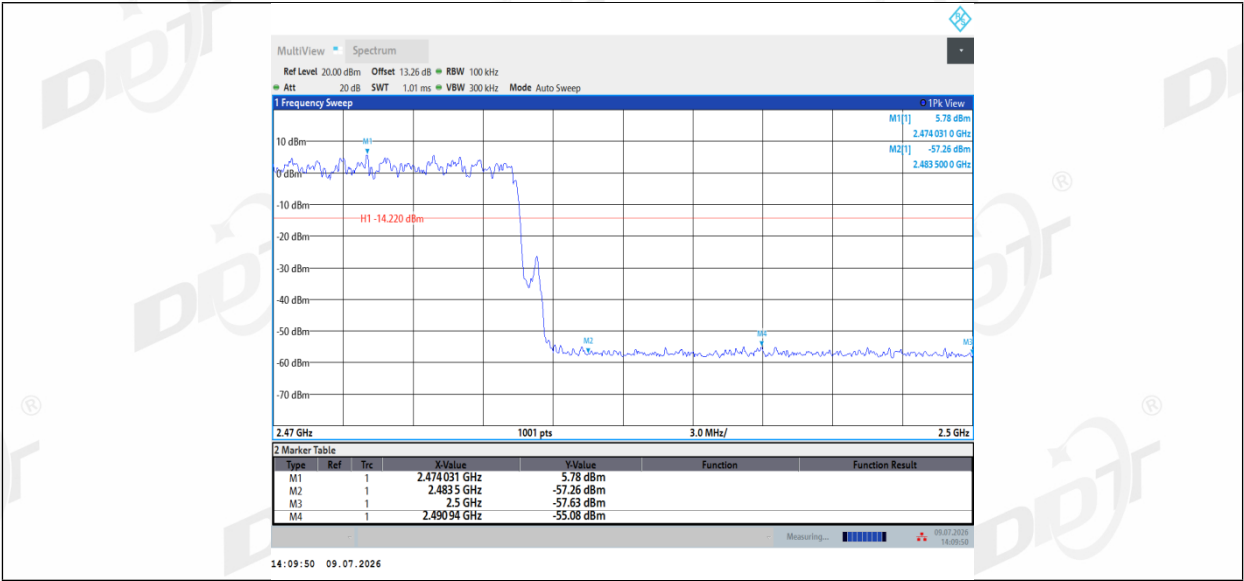
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402

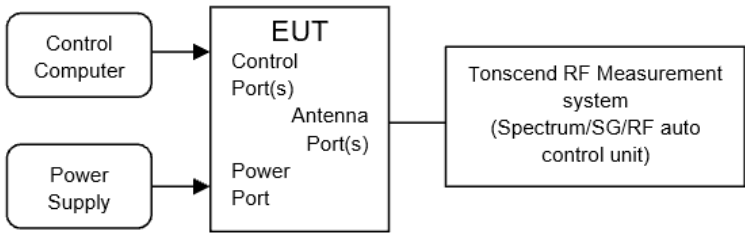


3DH5_Ant1_High_Hop_2480



11. RF Conducted Spurious Emissions

11.1. Block diagram of test setup



11.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

11.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) Establish a reference level by using the following procedure:

Center frequency	Test frequency
RBW:	100 kHz
VBW:	300 kHz
Span	Wide enough to capture the peak level of the in-band emission
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold
- (3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.
- (4) Set the spectrum analyzer as follows:

RBW:	100 kHz
VBW:	300 kHz
Span	Encompass frequency range to be measured
Number of measurement points	$\geq \text{Span} / \text{RBW}$
Detector Mode:	Peak
Sweep time:	Auto
Trace mode	Max hold

Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band

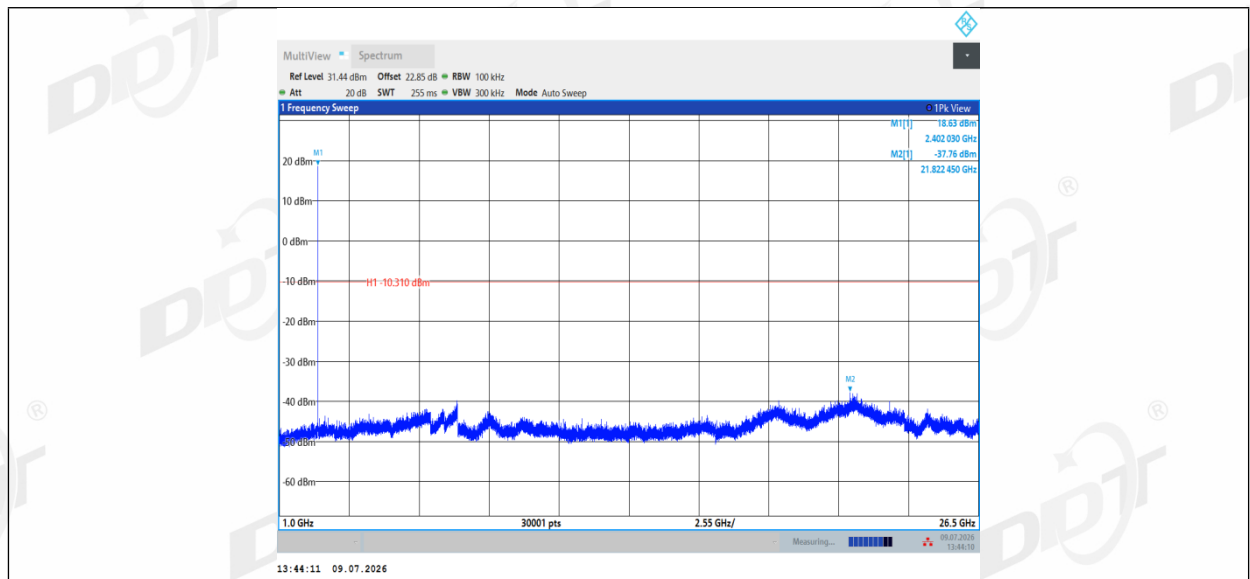
11.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 4#
Ambient Condition:	24.6-25.2℃,38.7-41.3%RH	Test Date:	2026.7.9-2026.7.10
Test Power Supply:	DC 12V	Sample Number:	S26052106-008

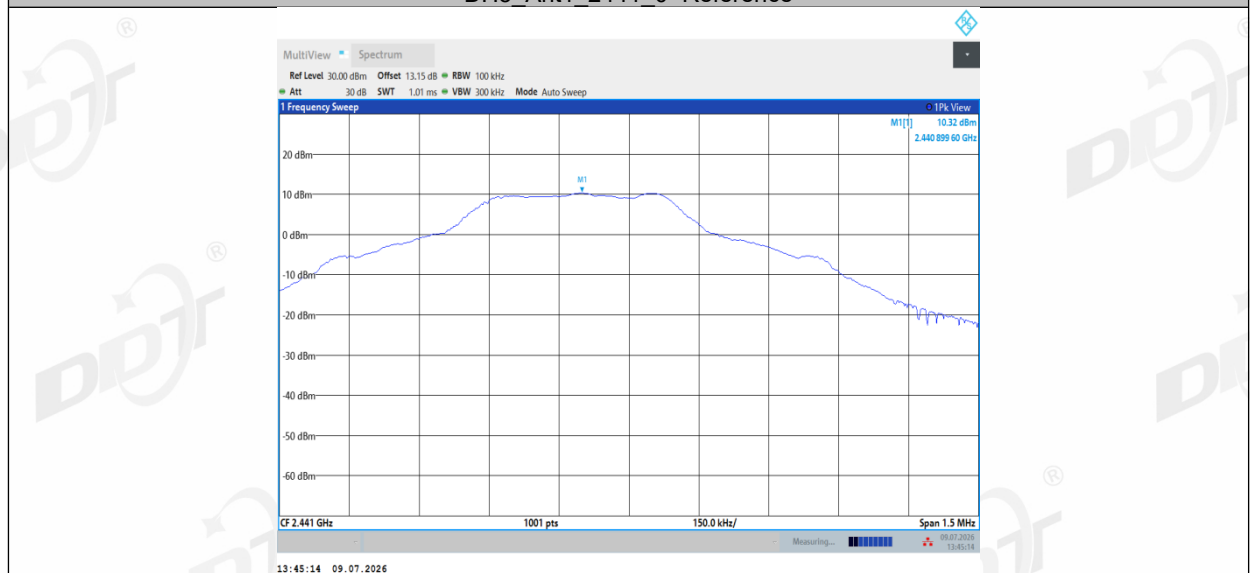
Mode	Freq. (MHz)	Verdict
GFSK	Hopping off 2402	Pass
	Hopping off 2441	Pass
	Hopping off 2480	Pass
π /4-DQPSK	Hopping off 2402	Pass
	Hopping off 2441	Pass
	Hopping off 2480	Pass
8DPSK	Hopping off 2402	Pass
	Hopping off 2441	Pass
	Hopping off 2480	Pass

11.5. Test graphs

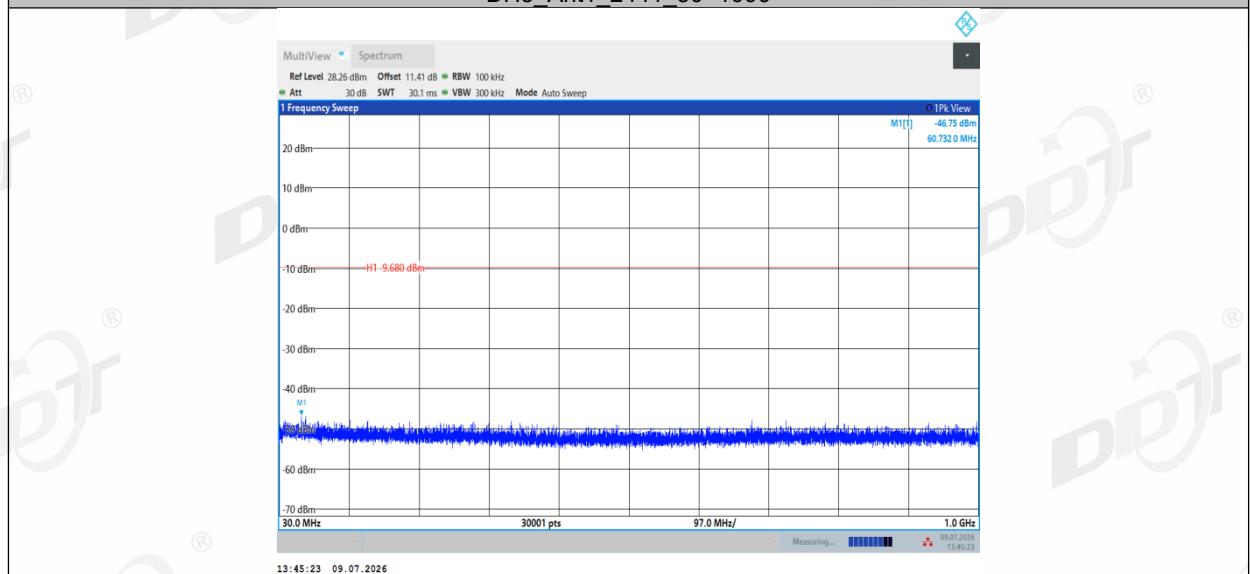




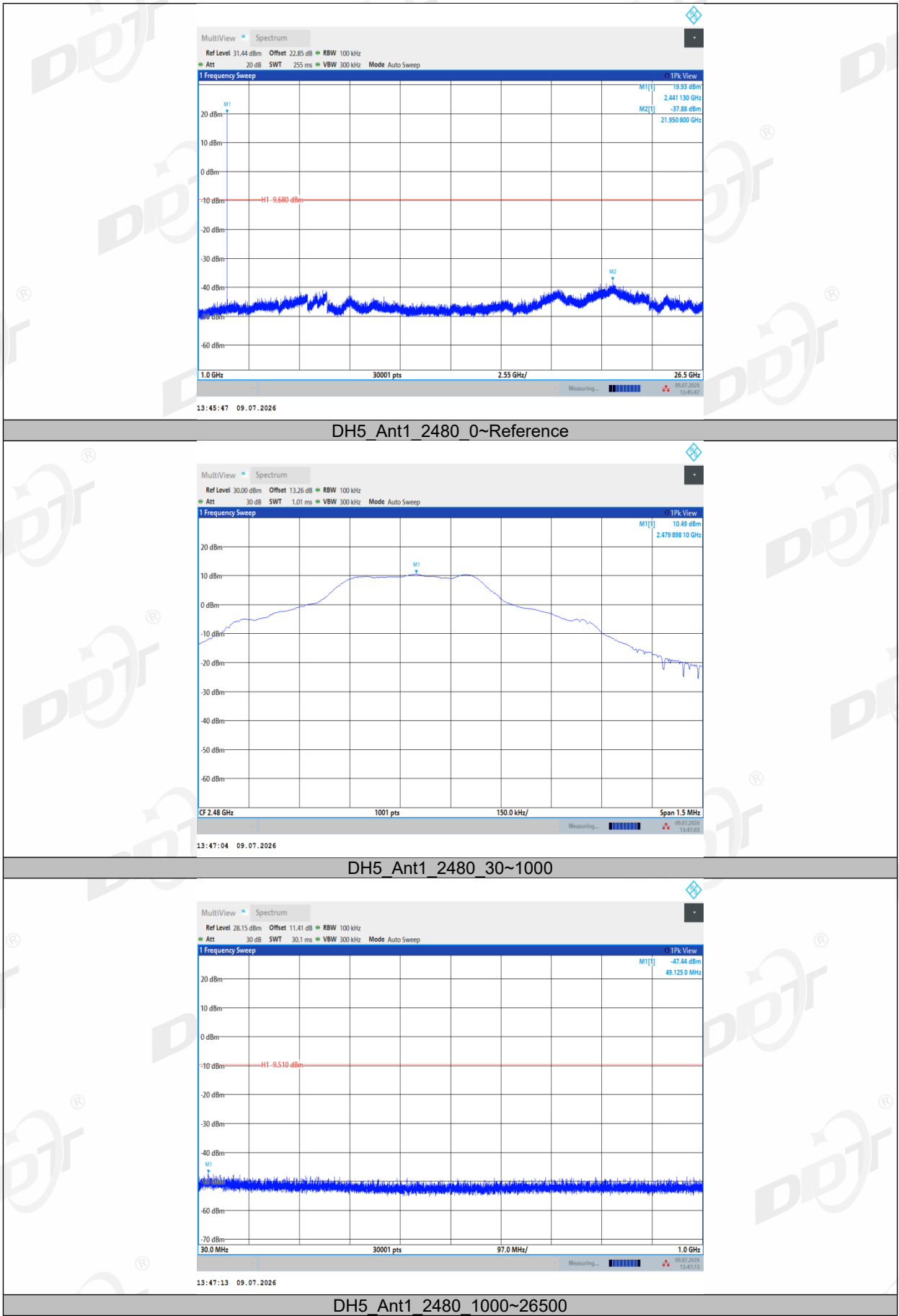
DH5_Ant1_2441_0~Reference

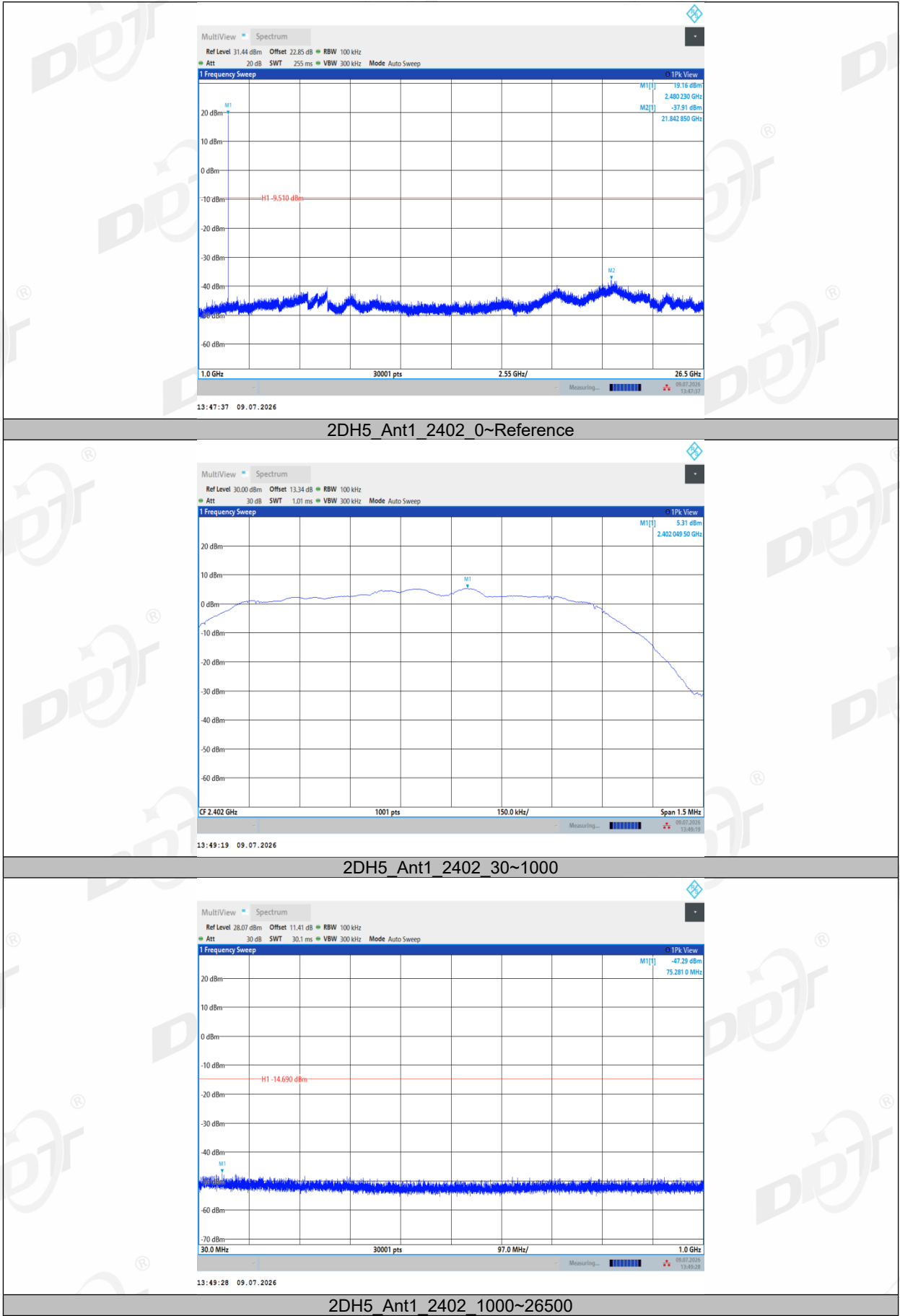


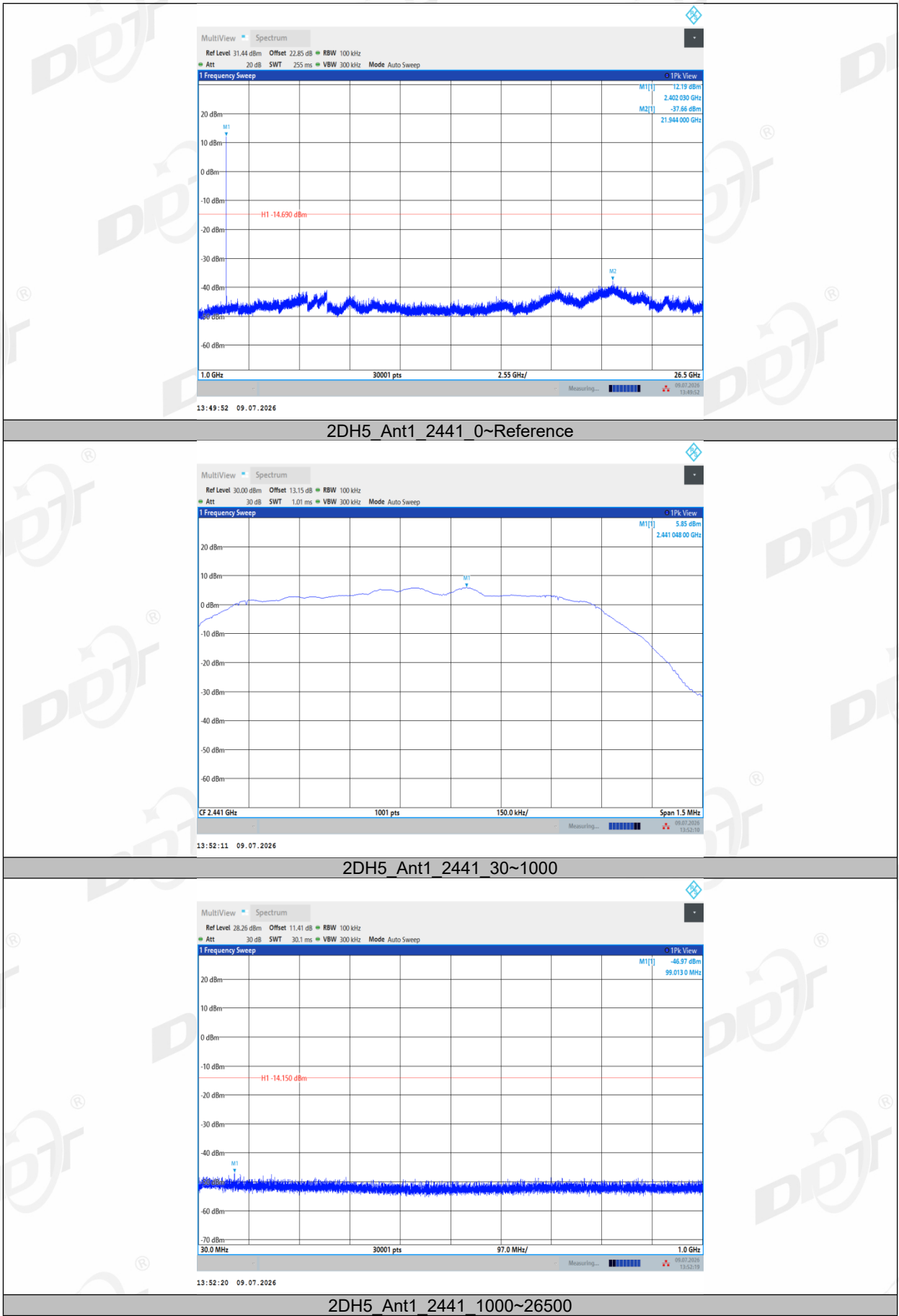
DH5_Ant1_2441_30~1000

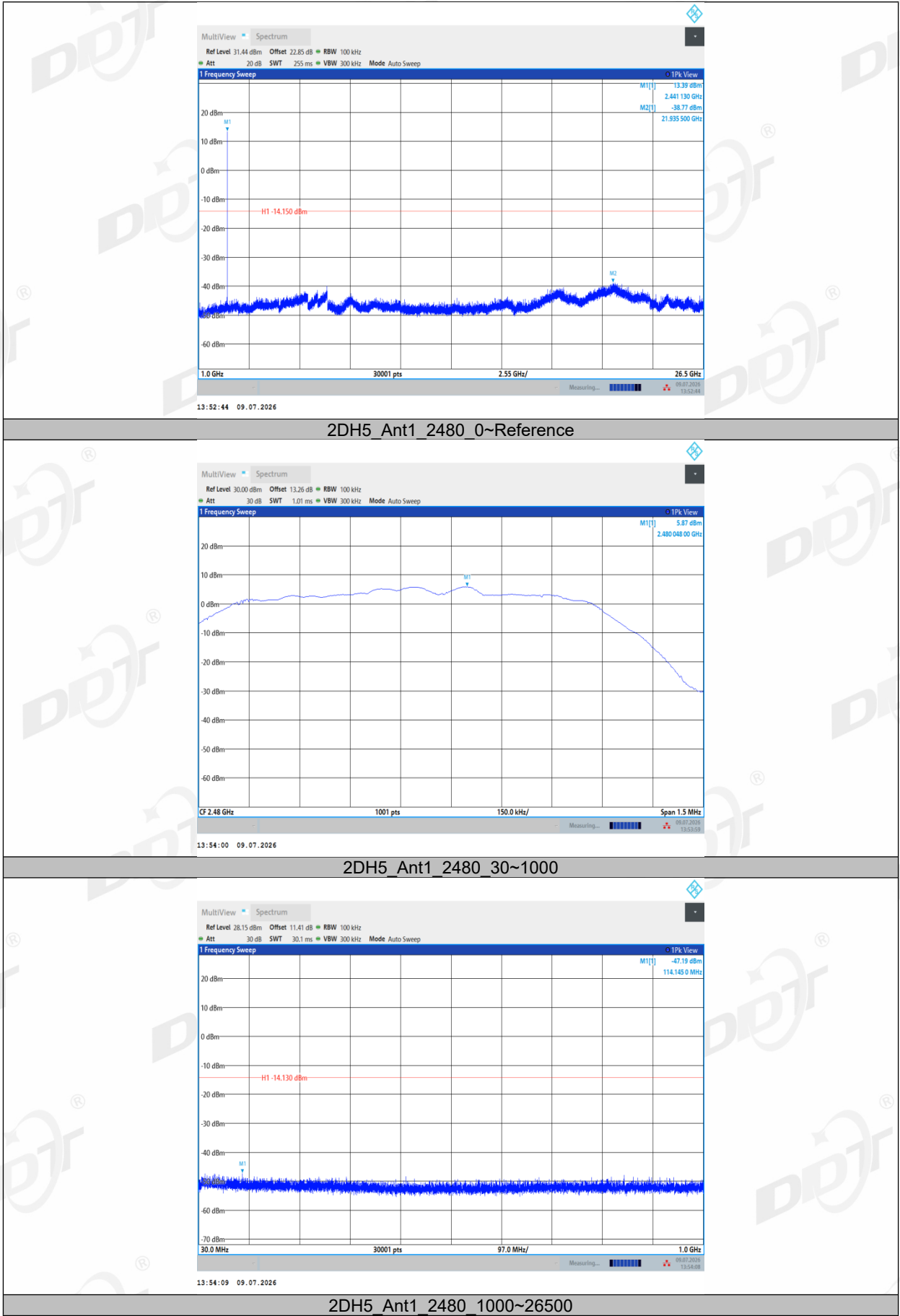


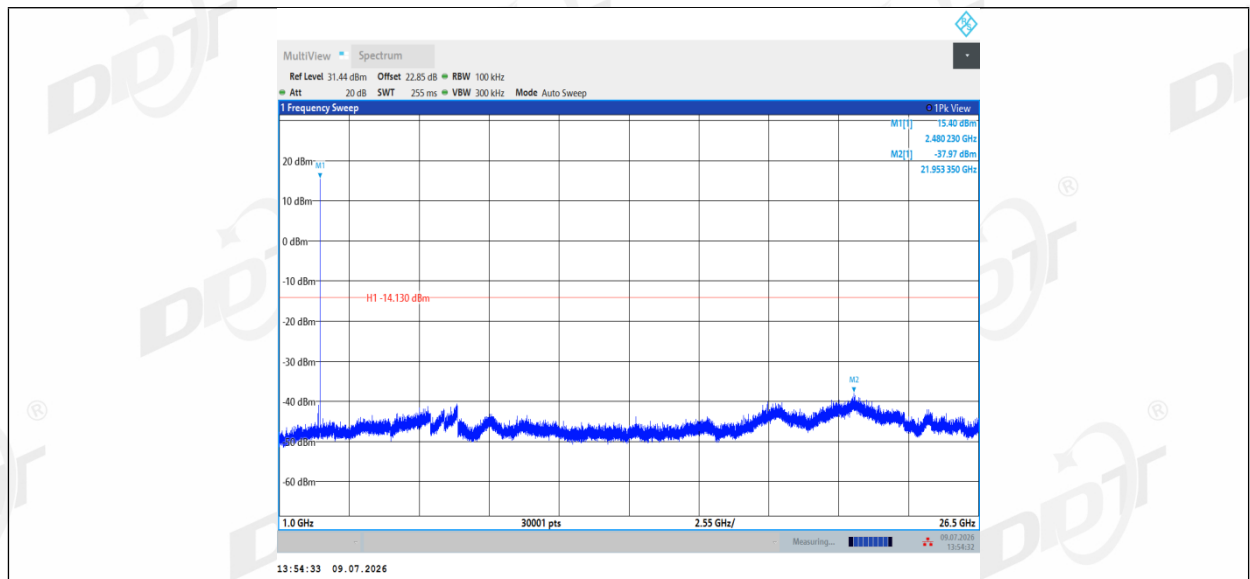
DH5 Ant1 2441 1000~26500



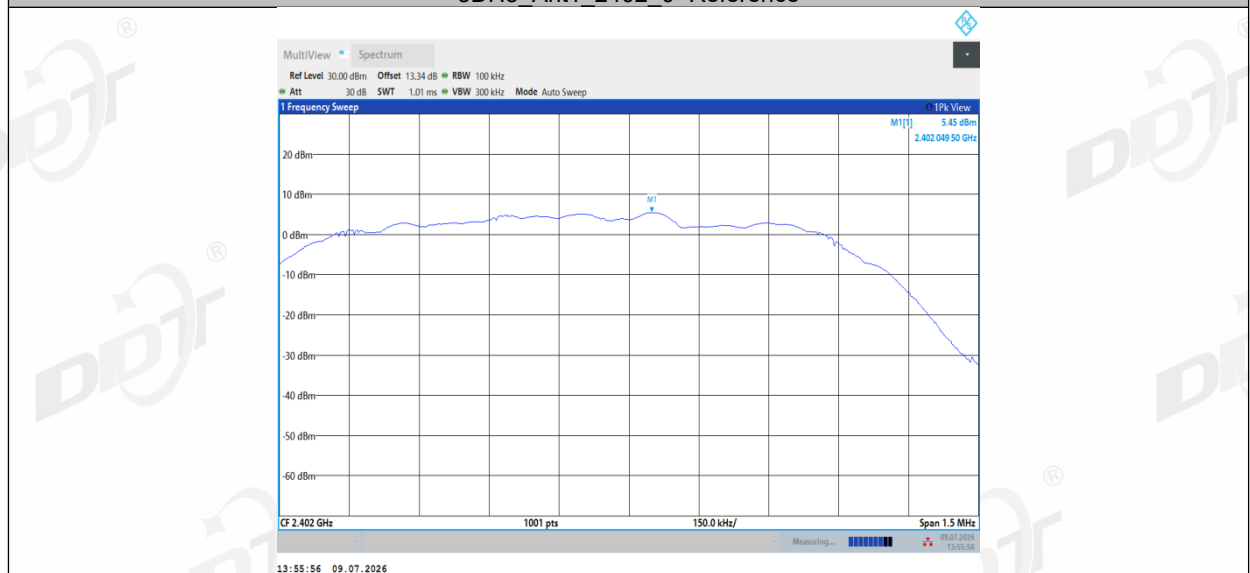




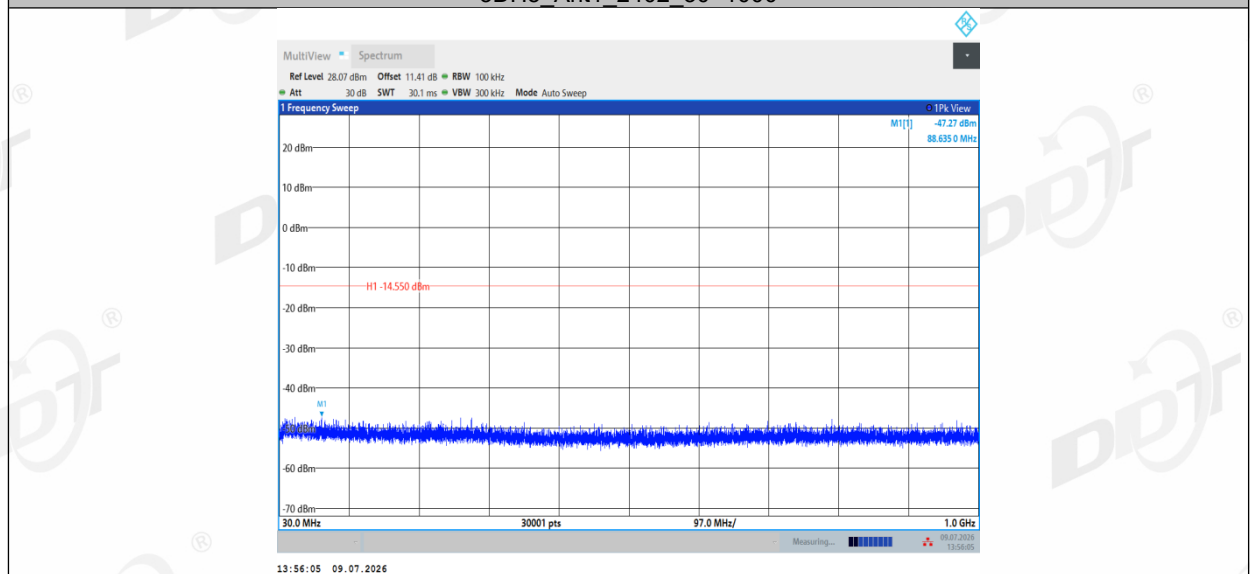




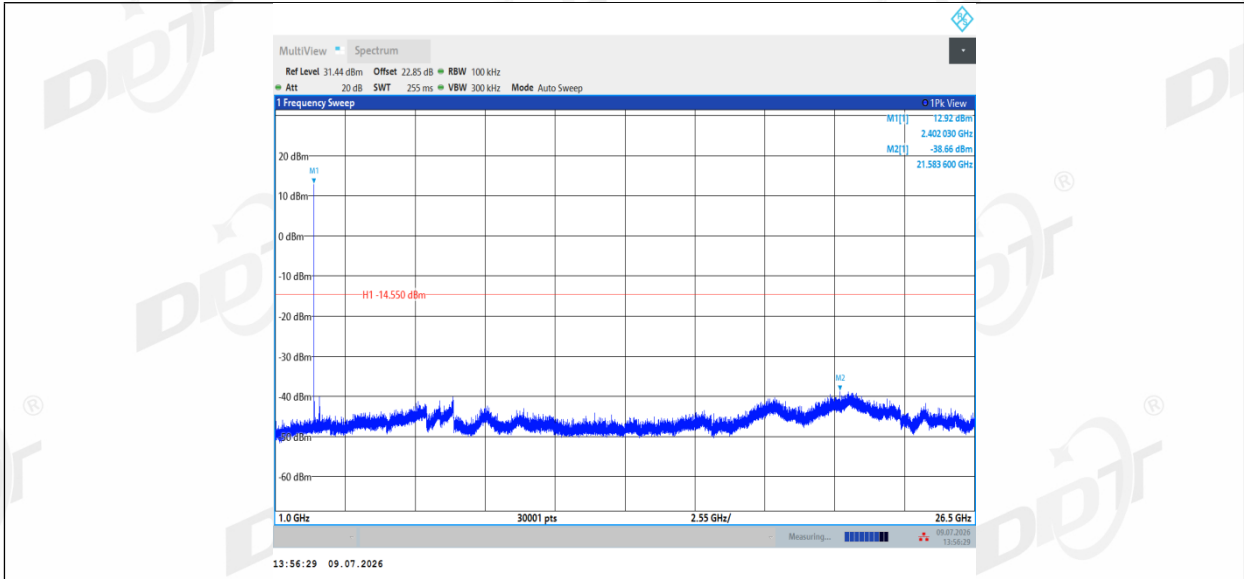
3DH5_Ant1_2402_0~Reference



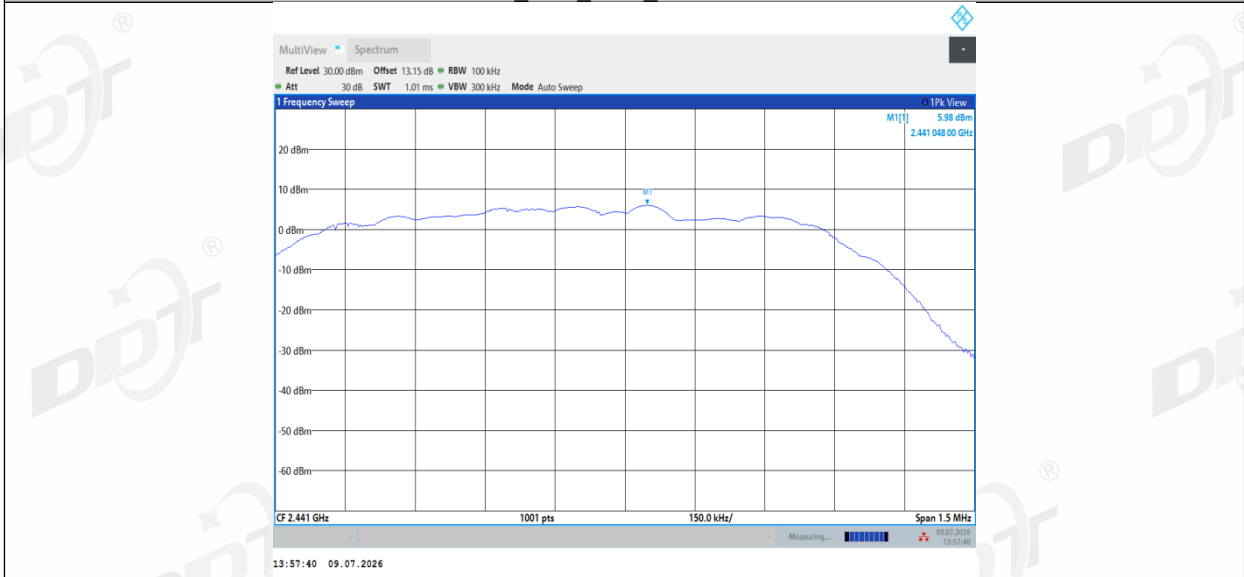
3DH5_Ant1_2402_30~1000



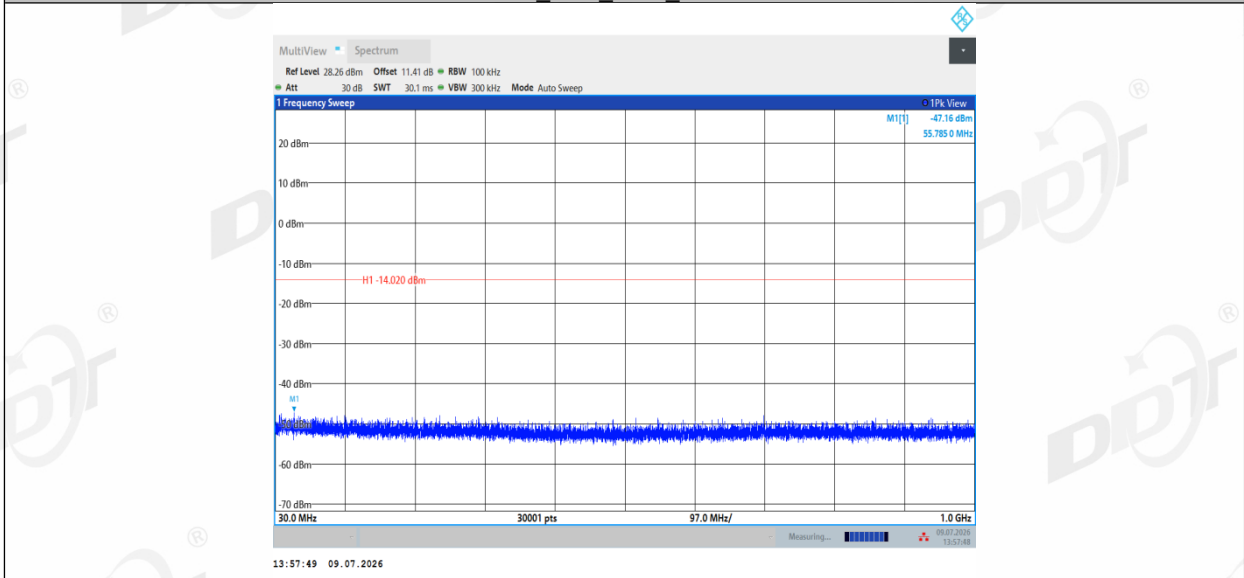
3DH5 Ant1 2402 1000~26500



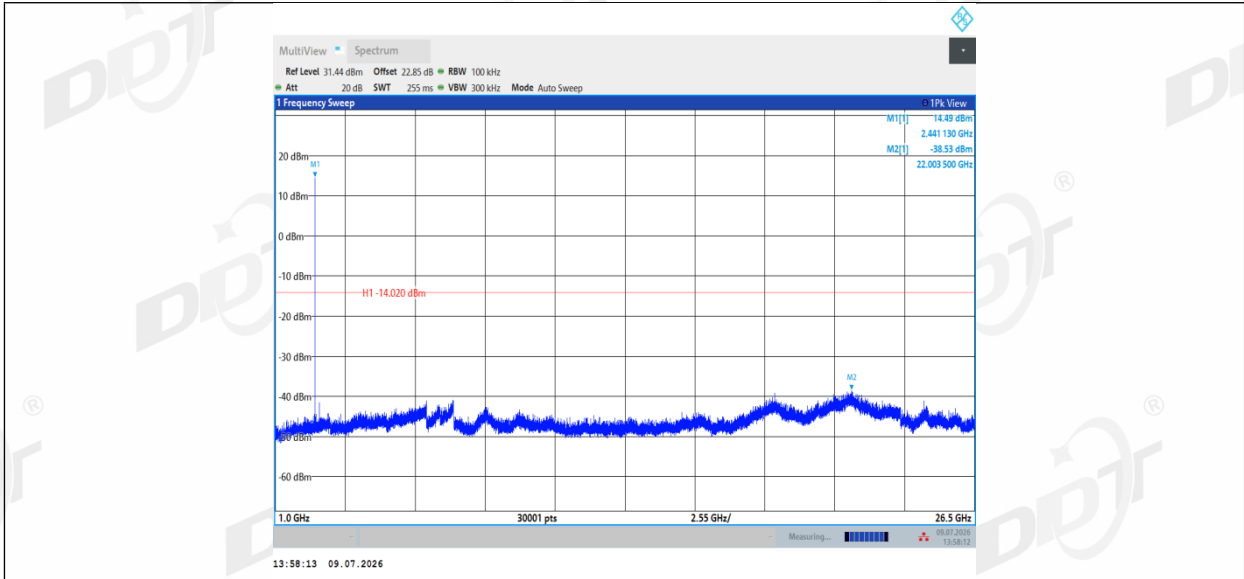
3DH5_Ant1_2441_0~Reference



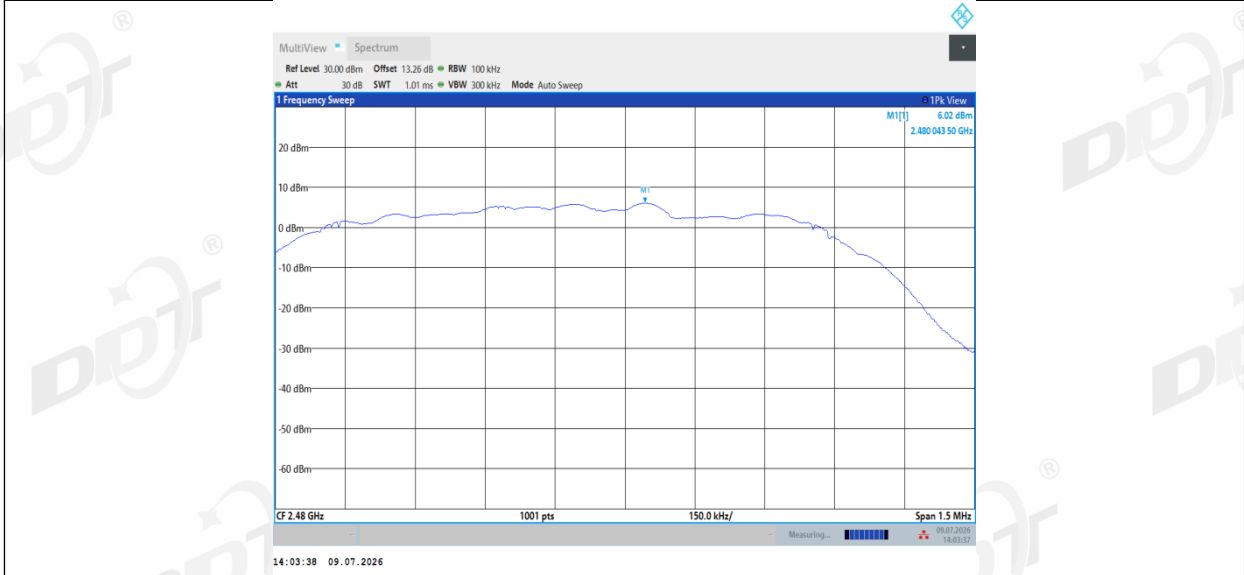
3DH5_Ant1_2441_30~1000



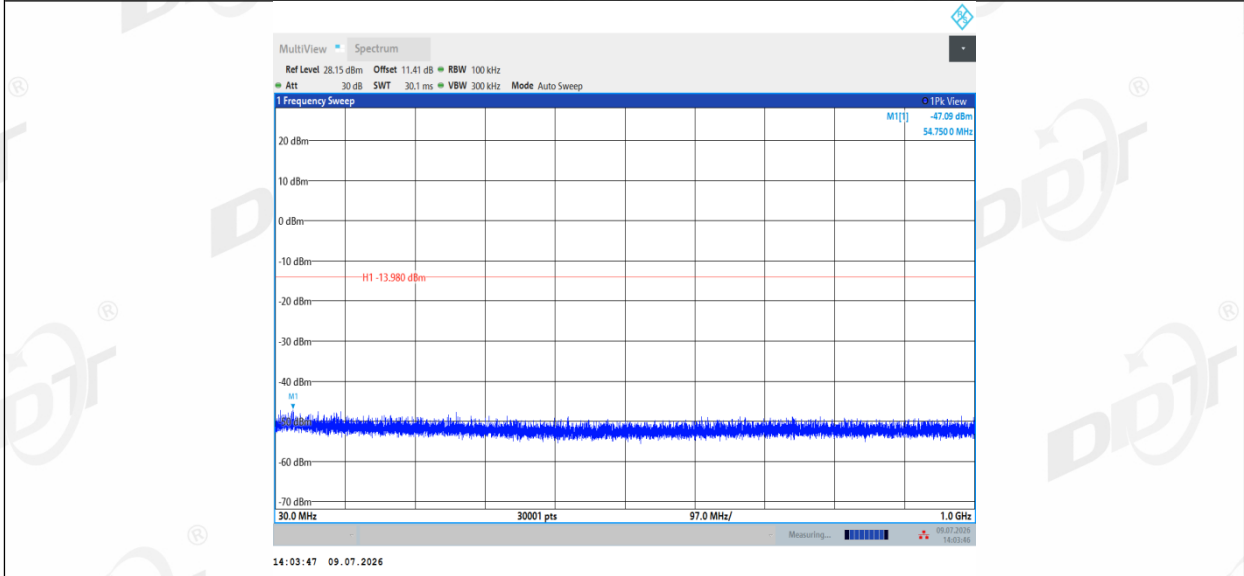
3DH5_Ant1_2441_1000~26500



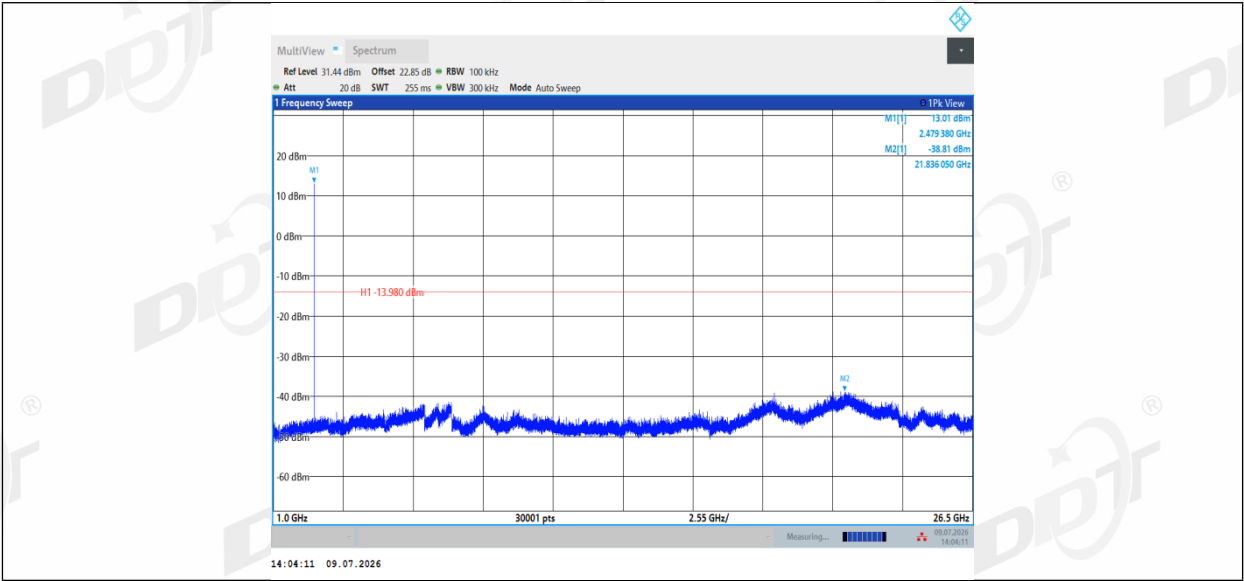
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000

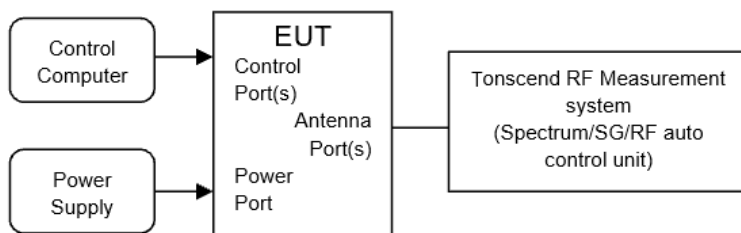


3DH5_Ant1_2480_1000~26500



12. Duty cycle

12.1. Block diagram of test setup



12.2. Limit

Just for Report.

12.3. Test procedure

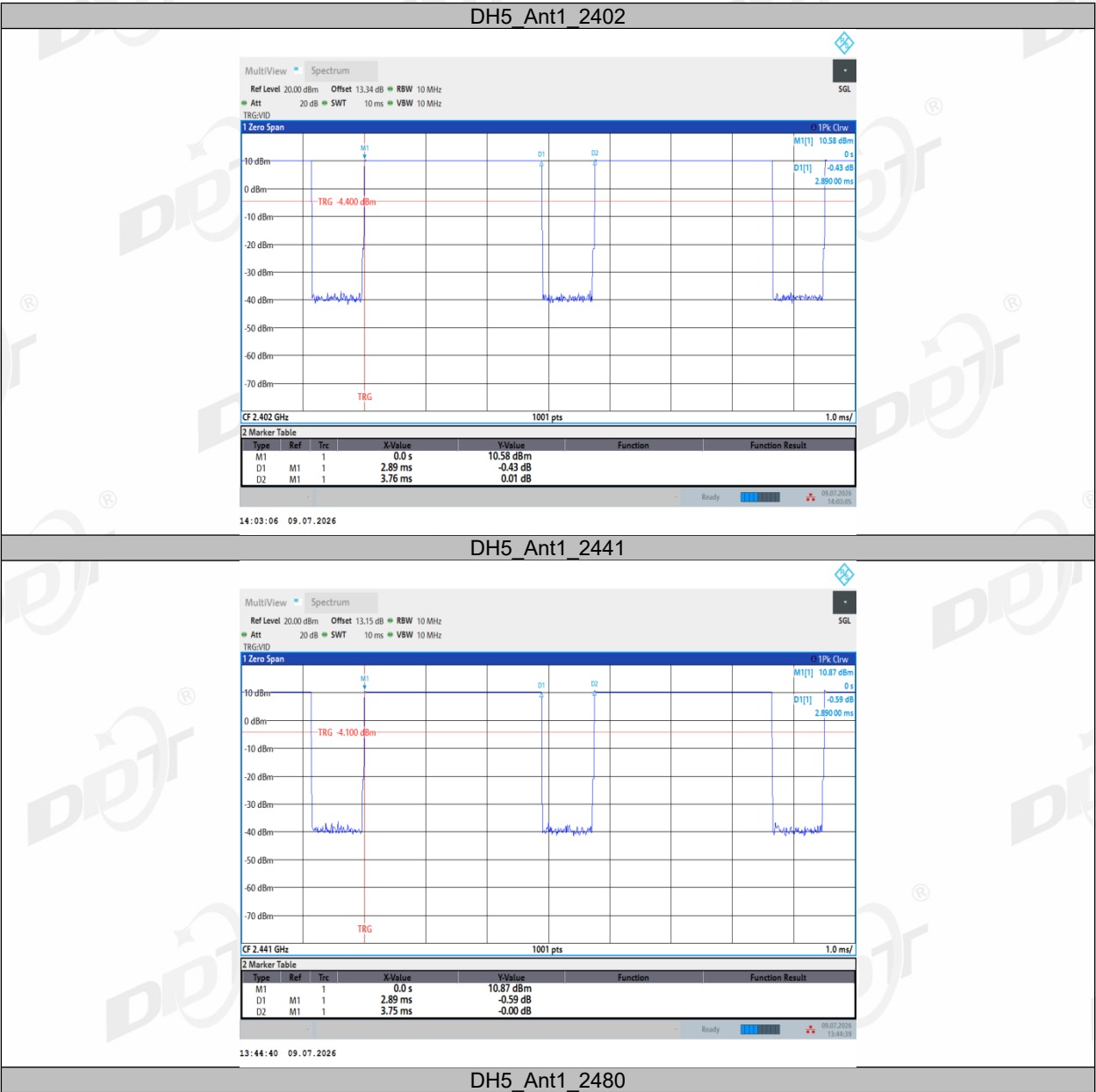
- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.
set the Spectrum Analyzer as below:
Centre Frequency: The centre frequency of the middle hopping channel.
Resolution BW: 10 MHz.
Video BW: 10 MHz.
Span: Zero span.
Detector: Peak.
Trace Mode: Clear Write.
Sweep: Video Trigger
- (2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.
- (3) Calculate dwell time follow below formula:
$$\text{Duty cycle} = \text{Pulse's on time} / \text{Burst cycle}$$

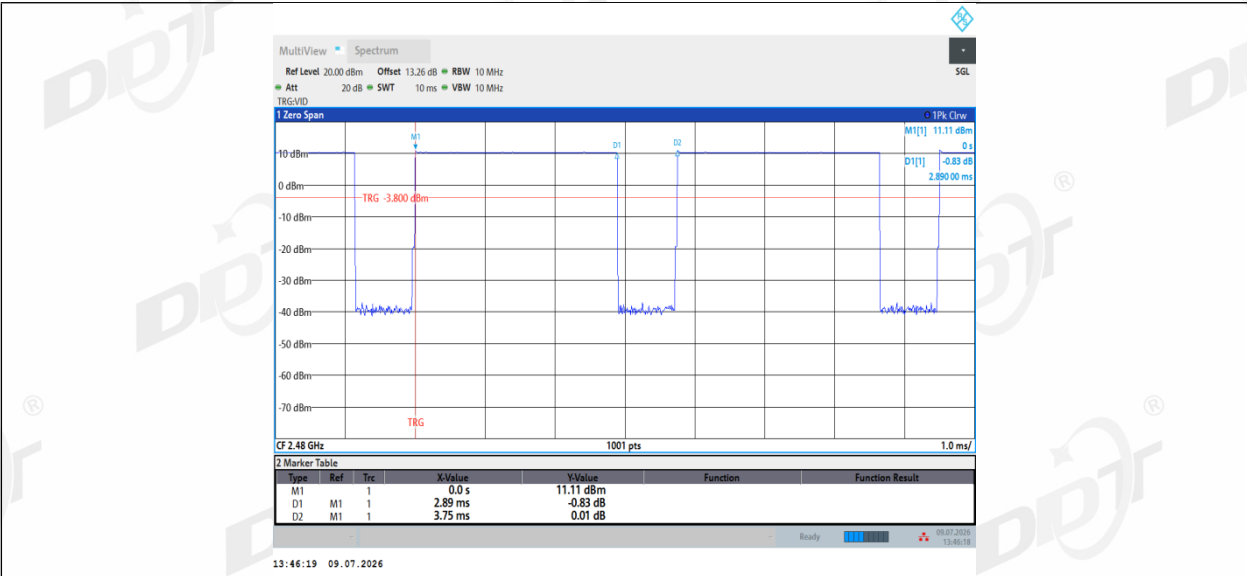
12.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 4#
Ambient Condition:	24.6-25.2℃,38.7-41.3%RH	Test Date:	2026.7.9-2026.7.10
Test Power Supply:	DC 12V	Sample Number:	S26052106-008

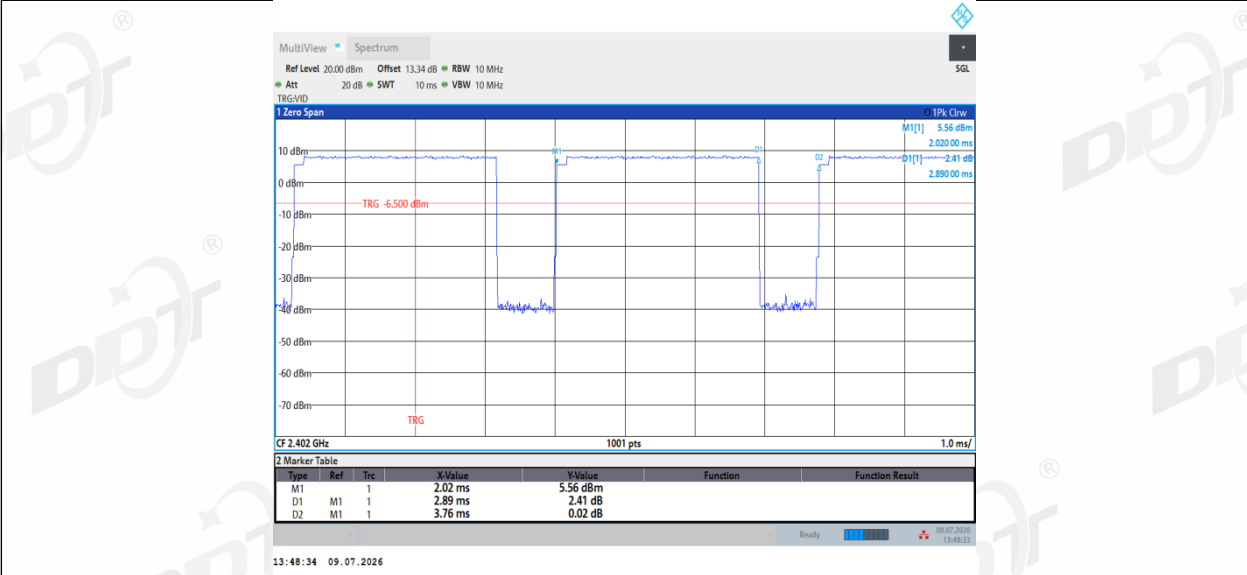
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
		2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
		2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.90	3.76	77.13	1.13
		2441	2.90	3.76	77.13	1.13
		2480	2.89	3.75	77.07	1.13

12.5. Test graphs

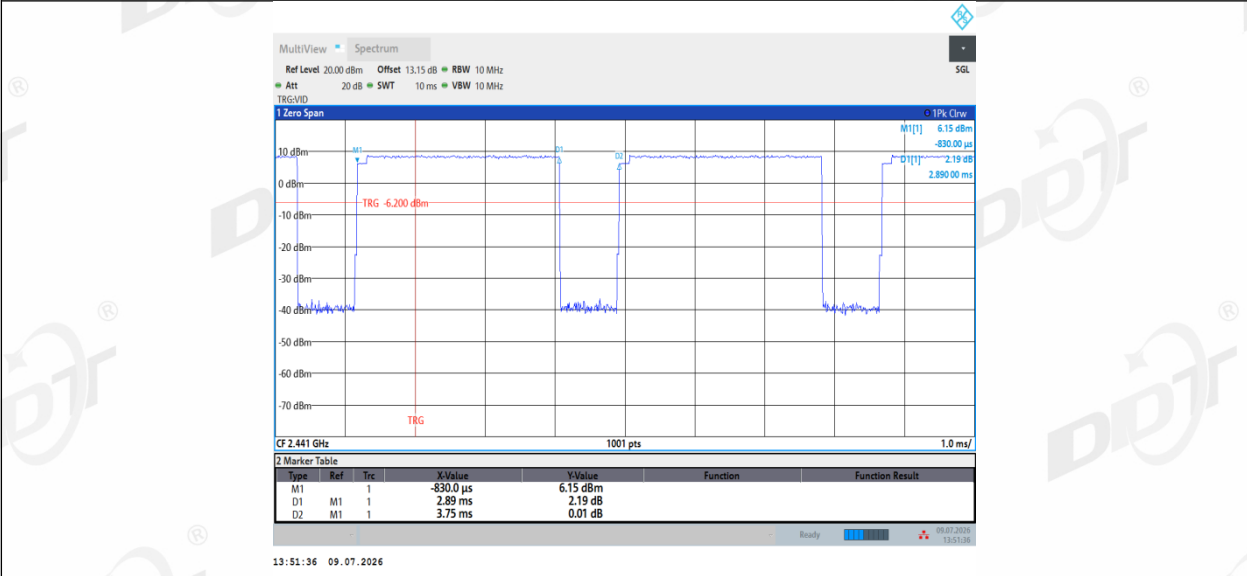




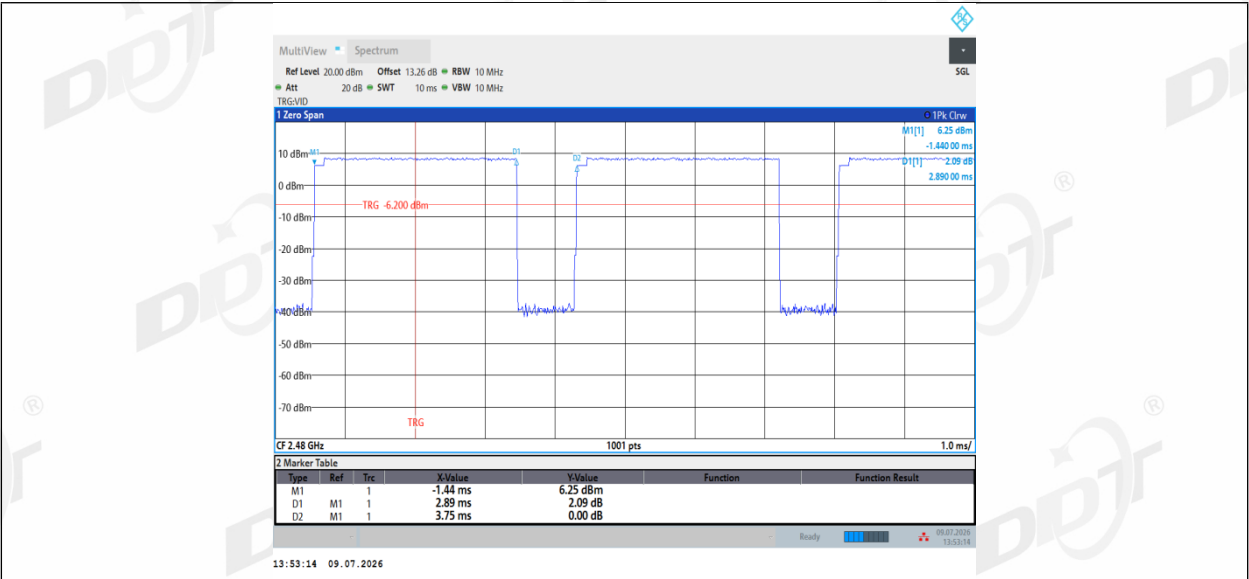
2DH5_Ant1_2402



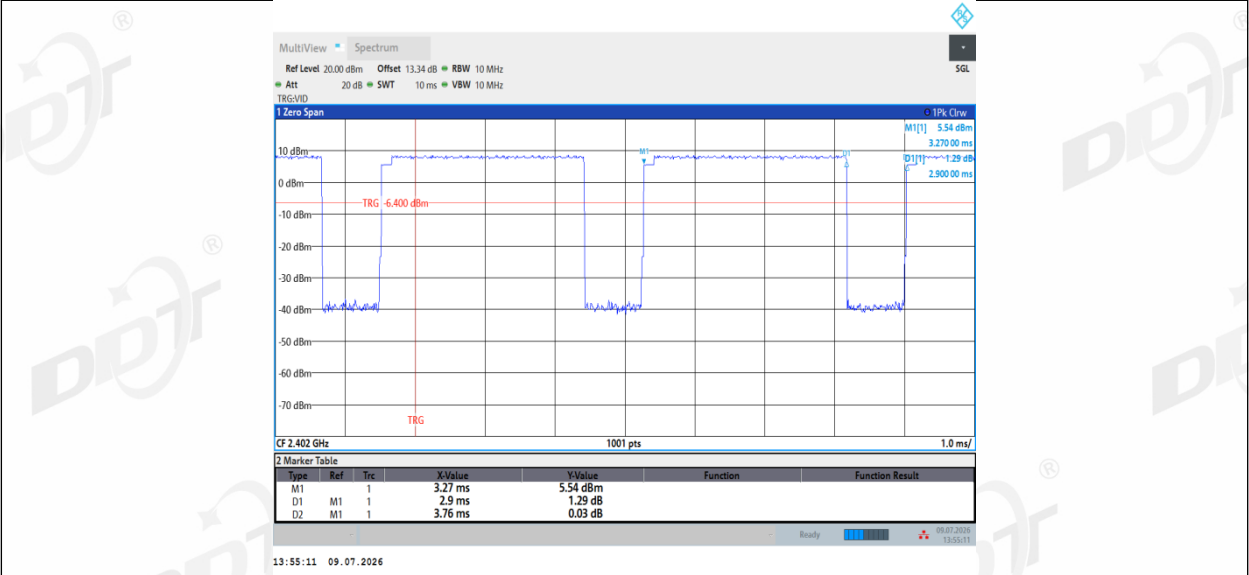
2DH5_Ant1_2441



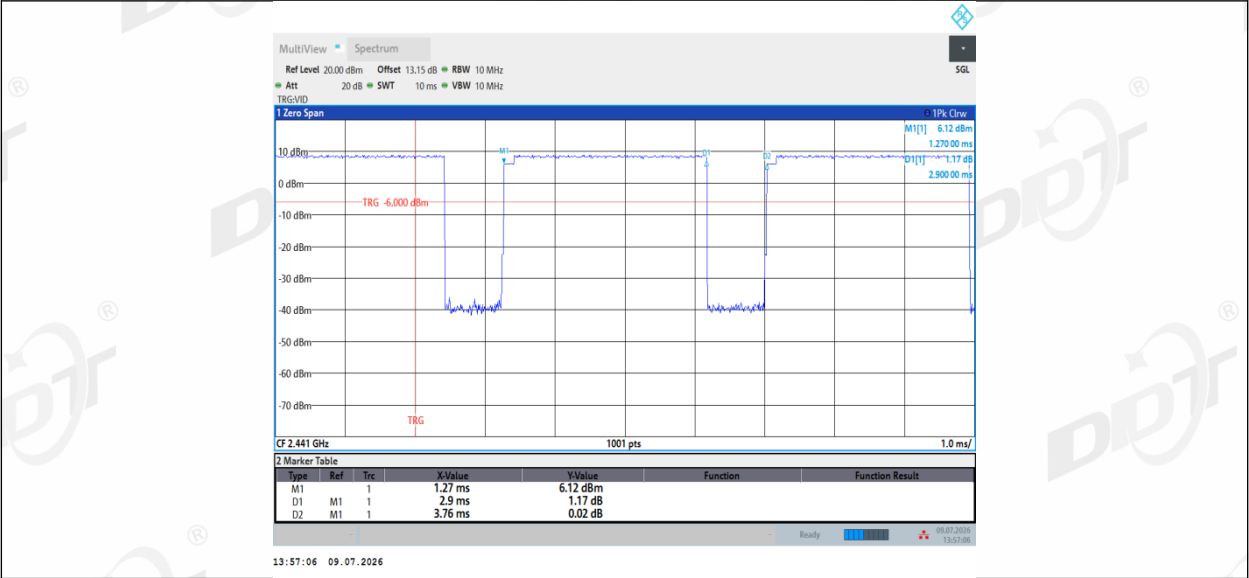
2DH5_Ant1_2480



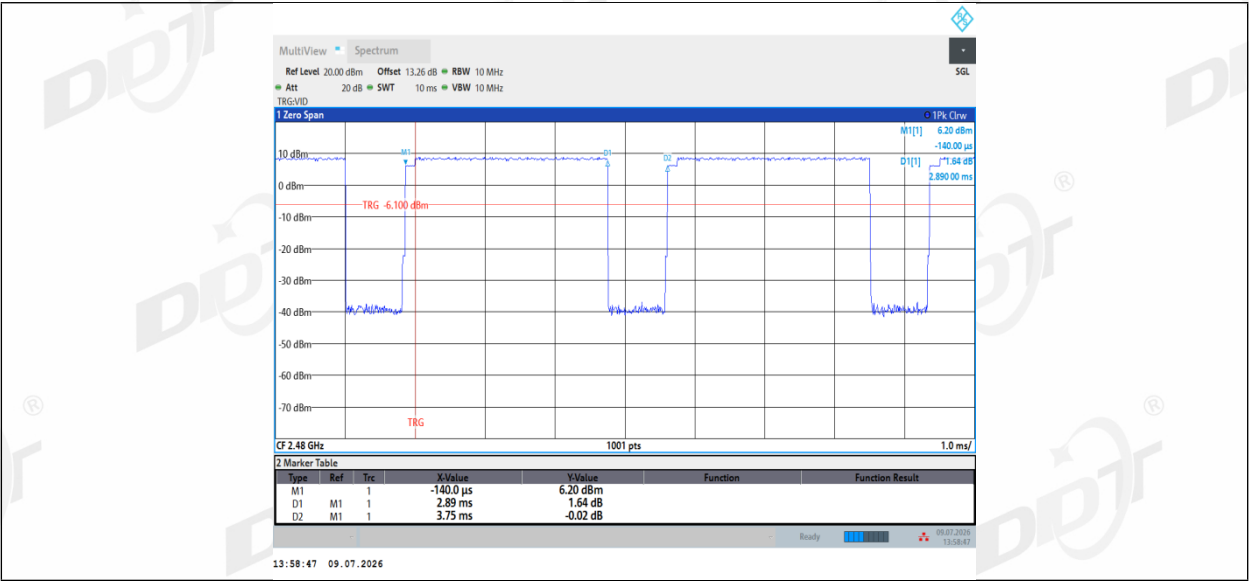
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



13. Antenna Requirements

13.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2. Result

The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

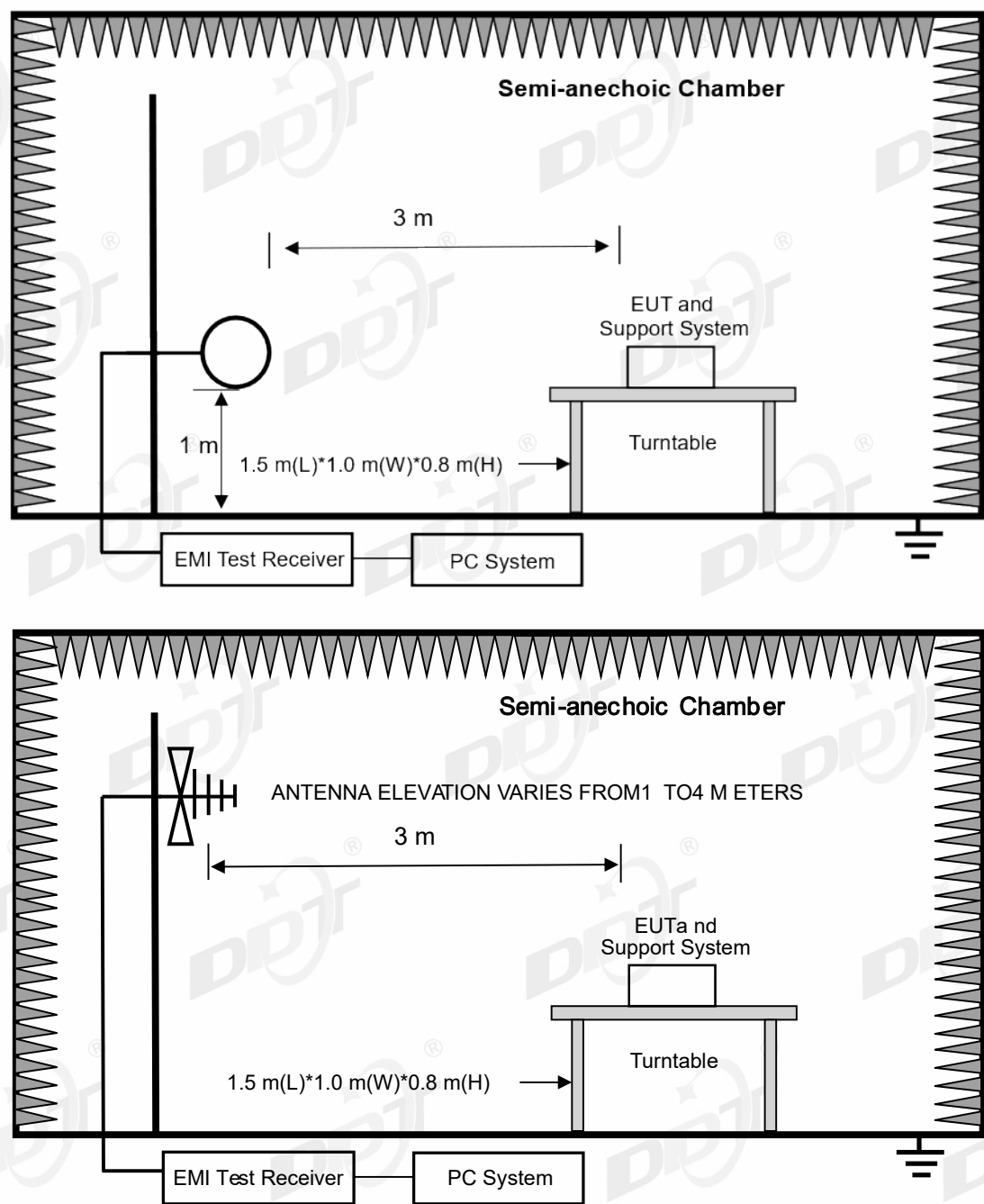
14. Radiated Emission

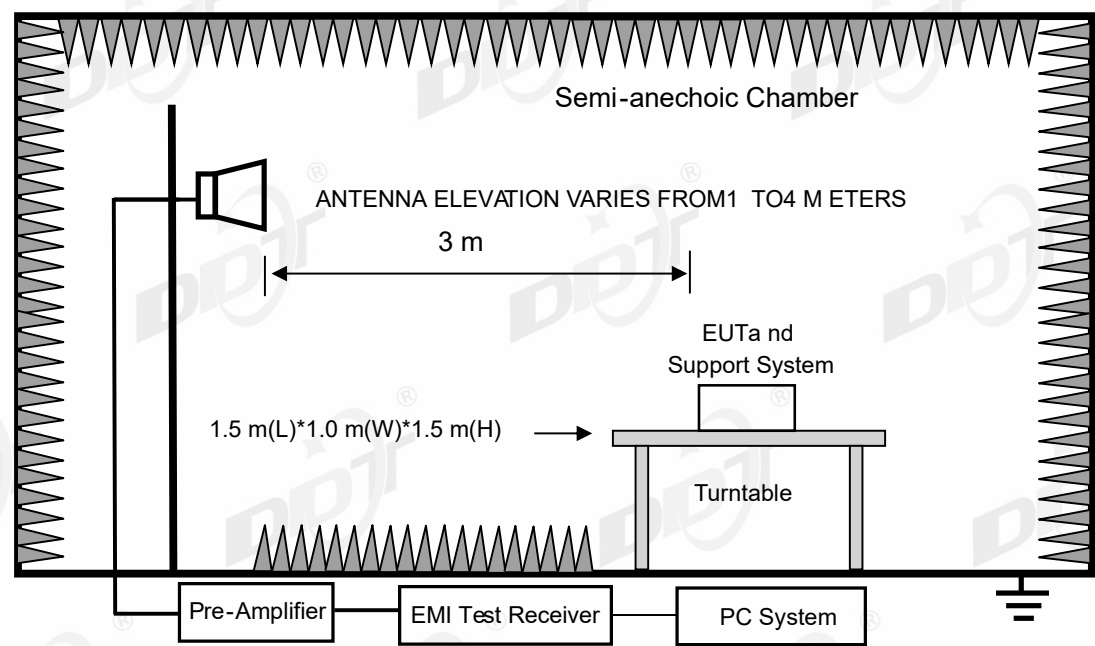
14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-10M	DDT-ZC05591	2026/10/10
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-3M	DDT-ZC05590	2026/10/10
RF cable	Zhongke Junchuang	JCTB510-NJW-NJW-0.6M	DDT-ZC04595	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-5M	DDT-ZC03800	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS32-RE (V5.0.0)	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2027/06/25
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2027/07/08
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2027/02/27
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2027/02/27
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2027/02/27
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2027/07/10
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2027/07/10
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2027/07/10
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27
Band Reject Filter Group	Tonscend	JS0806-F	DDT-ZC05733	/
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC05922	2027/01/06
Broadband Preamplifier	HPX	BP-01G-18G	DDT-ZC05923	2027/01/06
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Signal & Spectrum analyzer	R&S	FSV40-N	DDT-ZC04979	2027/07/10
SPECTRUM ANALYZER	R&S	FSU26	DDT-ZC00236	2027/06/25
RF Cable	Tonscend	7+1+1+0.5+0.5m	DDT-ZC05978	2027/01/29
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04

PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS-RE&RSE (V5.0.0)	DDT-ZC06466	/

14.2. Block diagram of test setup





14.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

²Above 38.6

(2) FCC 15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

14.5. Test procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.
- (2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m

1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According ANSI C63.10 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30 MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

- (7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10 clause 4.1.5.2.2 procedure for average measure.
- (8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.
- (9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.
- (10) For 30 MHz ~ 25 GHz: (Scan with GFSK, $\pi/4$ -DQPSK and 8DPSK, the worst case is record and reported)
- (11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in worst mode.

14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-09-07

Tested By:

Zhang Yibo

Test Mode:

TX DH5 Mode

Power Supply:

DC 12V

Condition:

Temp:20.4°C;Humi:54.2%

Test Site:

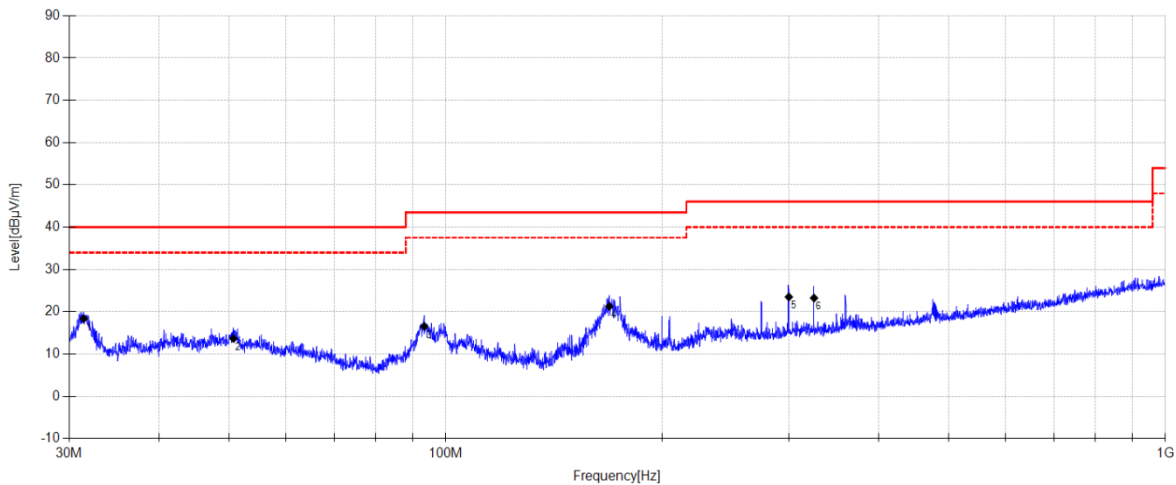
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052106-1E\0907 FCC BELOW 1G\9

Memo:

Sample Number:S26052106-009 Model Number :T08



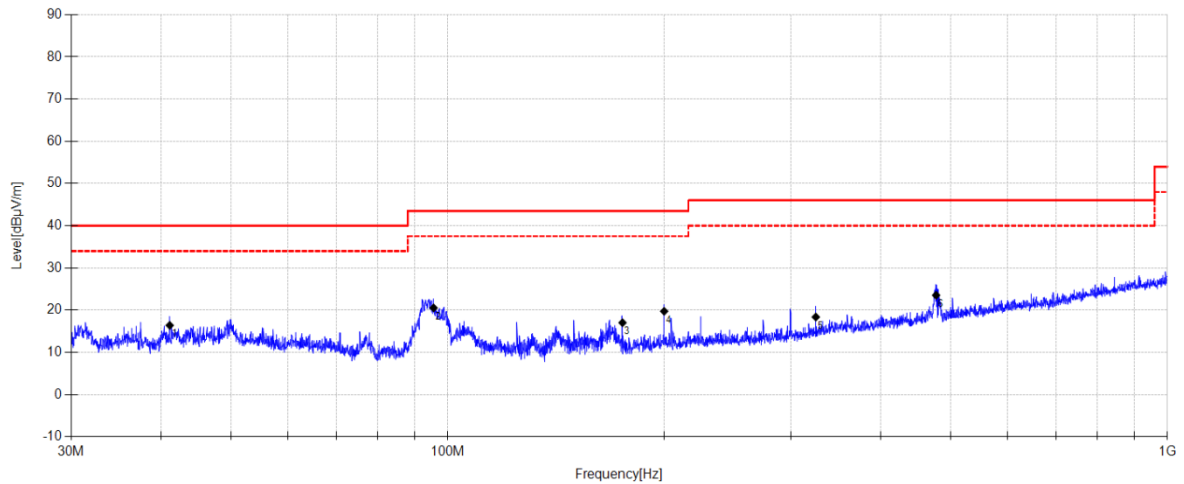
Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.421	36.3	10.58	3.80	18.38	40.00	21.62	QP	Horizontal
2	50.723	28.34	13.63	3.99	13.66	40.00	26.34	QP	Horizontal
3	93.419	34.1	10.47	4.27	16.54	43.50	26.96	QP	Horizontal
4	168.829	40.34	8.60	4.70	21.27	43.50	22.23	QP	Horizontal
5	299.808	37.33	13.29	5.28	23.50	46.00	22.50	QP	Horizontal
6	324.985	36.47	13.80	5.39	23.24	46.00	22.76	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-09-07 **Tested By:** Zhang Yibo
Test Mode: TX DH5 Mode **Power Supply:** DC 12V
Condition: Temp:20.4°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26052106-1E\0907 FCC BELOW 1G\10
Memo: Sample Number:S26052106-009 Model Number :T08

**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	41.101	31.65	13.12	3.93	16.40	40.00	23.60	QP	Vertical
2	95.606	37.64	10.92	4.28	20.54	43.50	22.96	QP	Vertical
3	174.975	35.57	9.10	4.73	17.03	43.50	26.47	QP	Vertical
4	199.910	36.06	11.19	4.88	19.73	43.50	23.77	QP	Vertical
5	324.757	31.61	13.79	5.39	18.37	46.00	27.63	QP	Vertical
6	477.240	33.71	16.44	5.96	23.53	46.00	22.47	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-09-07

Tested By:

Zhang Yibo

Test Mode:

TX DH5 Mode

Power Supply:

DC 12V

Condition:

Temp:20.4°C;Humi:54.2%

Test Site:

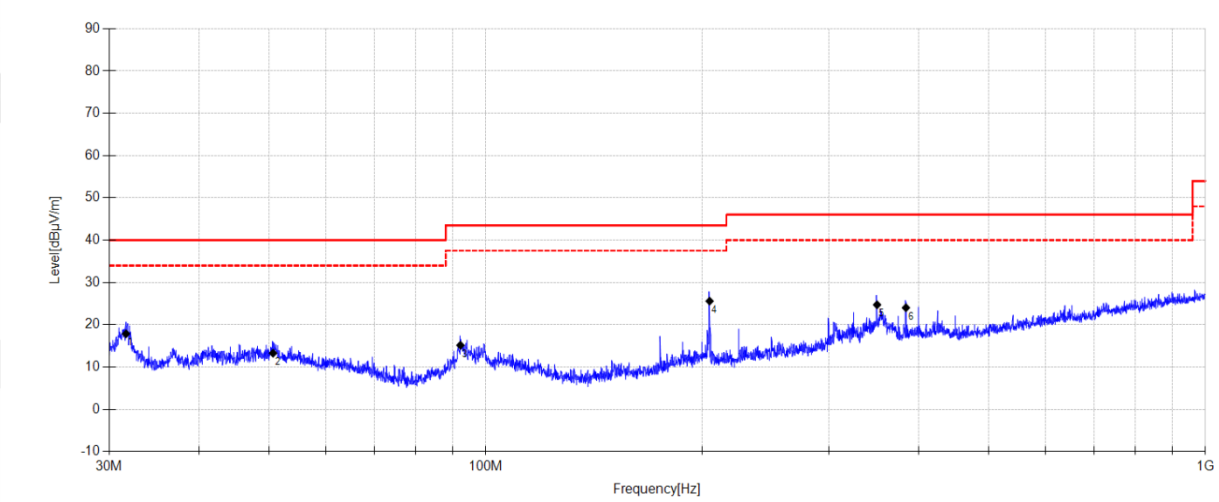
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052106-1E\0907 FCC BELOW 1G\1

Memo:

Sample Number:S26052106-011 Model Number :T10



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.642	35.72	10.63	3.80	17.85	40.00	22.15	QP	Horizontal
2	50.652	27.95	13.63	3.99	13.27	40.00	26.73	QP	Horizontal
3	92.247	32.81	10.38	4.26	15.15	43.50	28.35	QP	Horizontal
4	204.733	42.08	11.01	4.90	25.59	43.50	17.91	QP	Horizontal
5	349.814	36.89	14.79	5.49	24.72	46.00	21.28	QP	Horizontal
6	383.736	35.81	15.05	5.64	24.02	46.00	21.98	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-09-07

Tested By:

Zhang Yibo

Test Mode:

TX DH5 Mode

Power Supply:

DC 12V

Condition:

Temp:20.4°C;Humi:54.2%

Test Site:

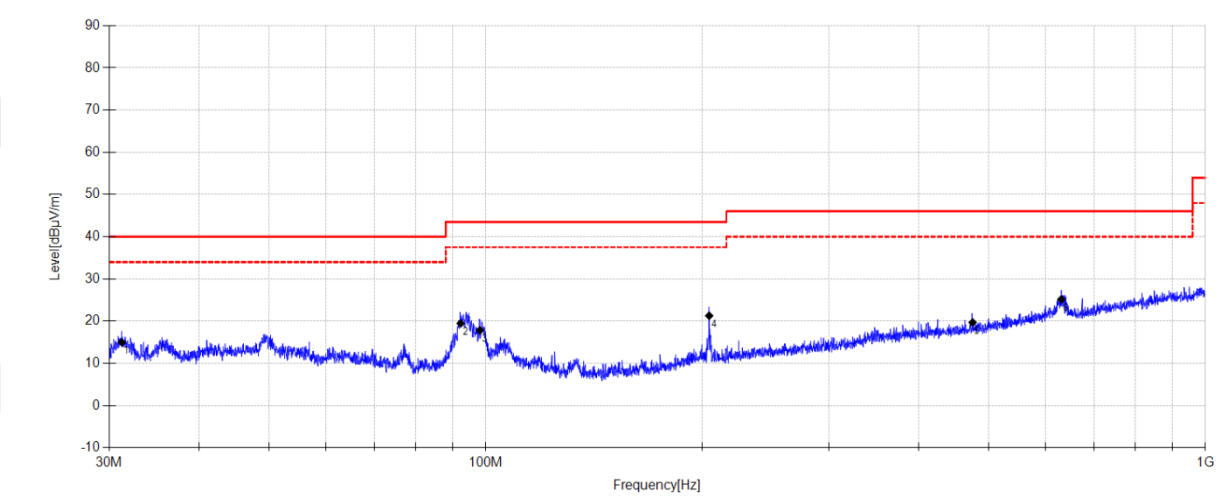
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052106-1E\0907 FCC BELOW 1G\2

Memo:

Sample Number:S26052106-011 Model Number :T10



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.223	32.95	10.54	3.80	14.99	40.00	25.01	QP	Vertical
2	92.312	37.13	10.37	4.26	19.46	43.50	24.04	QP	Vertical
3	98.187	34.72	11.12	4.29	17.83	43.50	25.67	QP	Vertical
4	204.446	37.77	11.02	4.90	21.29	43.50	22.21	QP	Vertical
5	474.903	29.91	16.40	5.96	19.70	46.00	26.30	QP	Vertical
6	630.861	32.6	19.03	6.47	25.17	46.00	20.83	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-08-04

Tested By:

Zhang Yibo

Test Mode:

DH5 TX Mode

Power Supply:

DC 12V

Condition:

Temp:20.1°C;Humi:52.6%

Test Site:

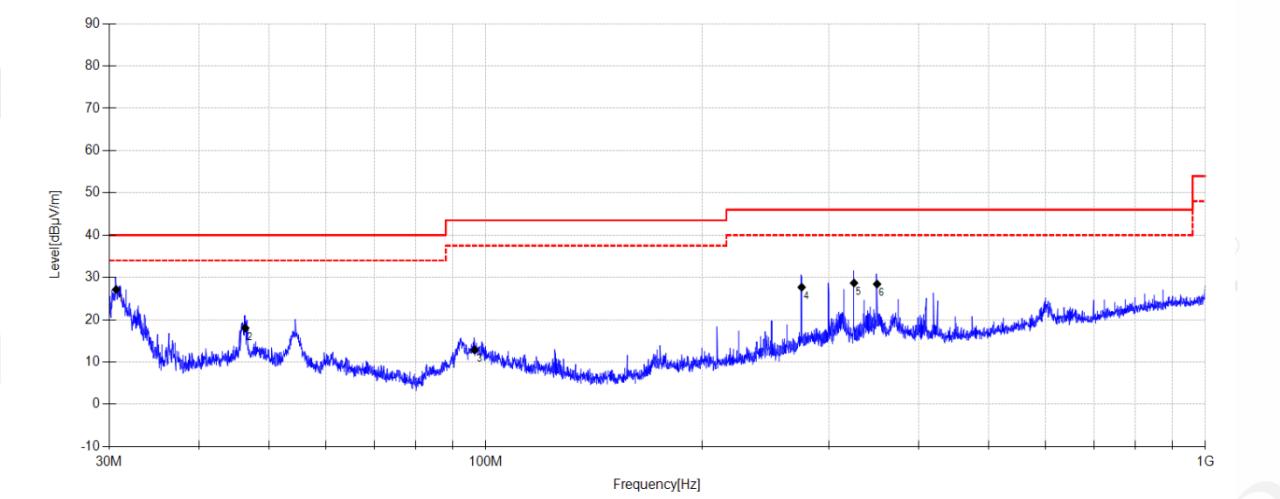
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26052106-1E\FCC Below 1G\1

Memo:

Sample Number:S26052106-021 Model Number :T12



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.659	45	10.64	3.79	27.13	40.00	12.87	QP	Horizontal
2	46.336	32.6	13.77	3.96	18.03	40.00	21.97	QP	Horizontal
3	96.549	29.91	10.95	4.28	12.84	43.50	30.66	QP	Horizontal
4	274.842	42.2	12.70	5.18	27.68	46.00	18.32	QP	Horizontal
5	324.985	41.91	13.80	5.39	28.68	46.00	17.32	QP	Horizontal
6	349.814	40.6	14.79	5.49	28.43	46.00	17.57	QP	Horizontal

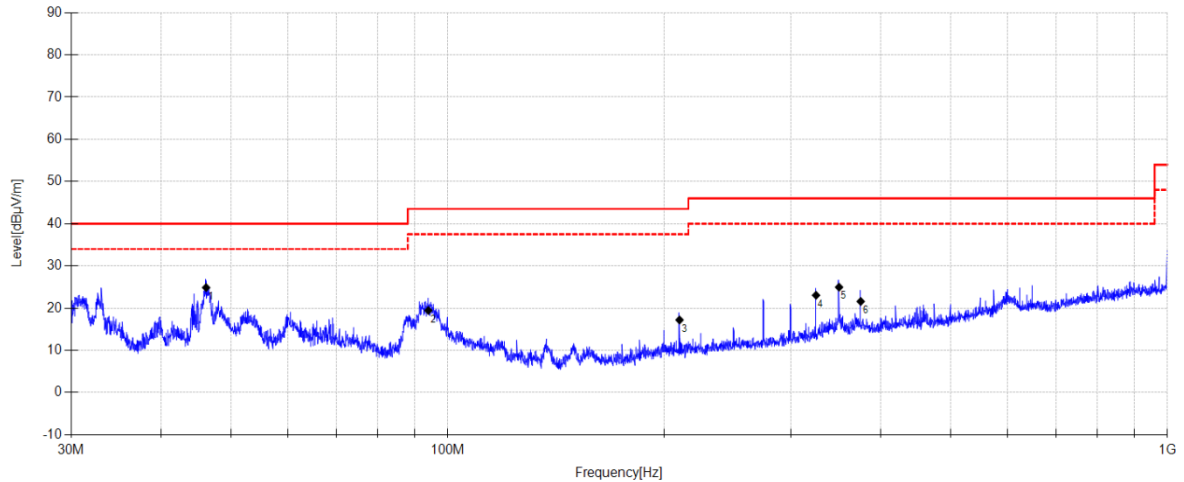
Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-08-04**Tested By:** Zhang Yibo**Test Mode:** DH5 TX Mode**Power Supply:** DC 12V**Condition:** Temp:20.1°C;Humi:52.6%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2026 report data\Q26052106-1E\FCC Below 1G\2**Memo:** Sample Number:S26052106-021 Model Number :T12

Final Data List

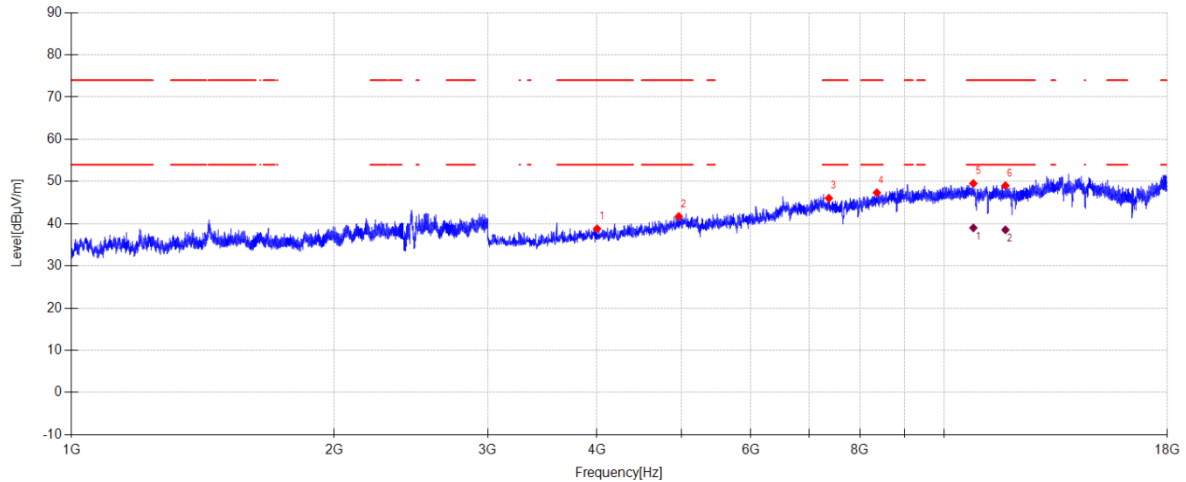
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	46.174	39.43	13.78	3.96	24.87	40.00	15.13	QP	Vertical
2	94.010	36.78	10.70	4.27	19.45	43.50	24.05	QP	Vertical
3	209.966	33.98	10.70	4.92	17.20	43.50	26.30	QP	Vertical
4	324.985	36.28	13.80	5.39	23.05	46.00	22.95	QP	Vertical
5	349.814	37.13	14.79	5.49	24.96	46.00	21.04	QP	Vertical
6	374.959	33.66	14.80	5.60	21.59	46.00	24.41	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-07 **Tested By:** Cao Jie
Test Mode: TX DH5 2402MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\1
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4000.500	51.47	31.60	-44.27	38.80	74.00	35.20	PK	Horizontal
2	4963.500	50.58	33.75	-42.62	41.71	74.00	32.29	PK	Horizontal
3	7372.500	49.58	37.31	-40.86	46.03	74.00	27.97	PK	Horizontal
4	8368.500	49.67	38.04	-40.37	47.34	74.00	26.66	PK	Horizontal
5	10792.500	47.44	40.00	-37.92	49.52	74.00	24.48	PK	Horizontal
6	11745.000	46.67	39.50	-37.15	49.02	74.00	24.98	PK	Horizontal

Final Data List

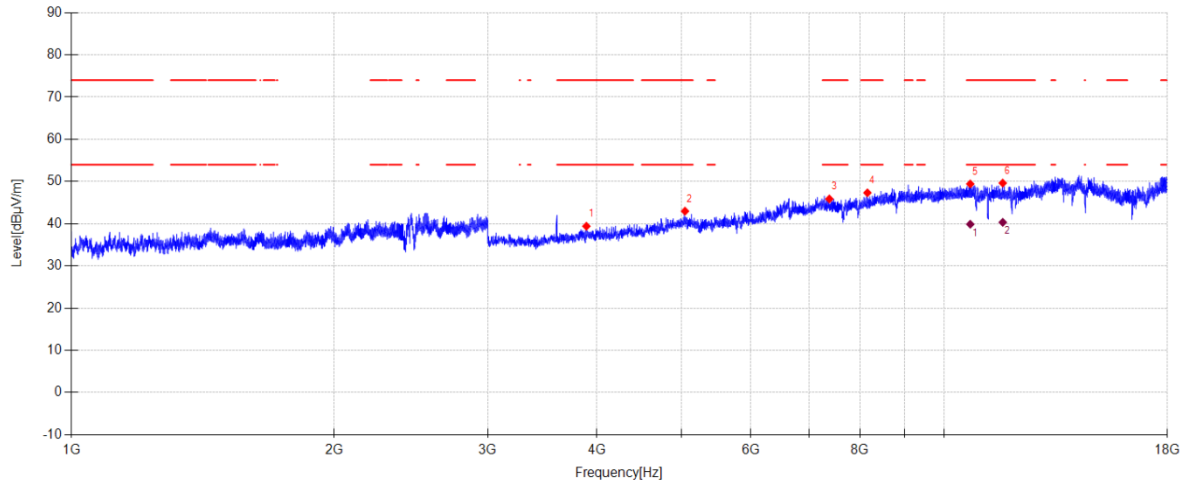
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10792.500	36.93	40.00	-37.92	39.01	54.00	14.99	AV	Horizontal
2	11745.000	36.20	39.50	-37.15	38.55	54.00	15.45	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-07 **Tested By:** Cao Jie
Test Mode: TX DH5 2402MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\2
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3889.500	52.42	31.58	-44.59	39.41	74.00	34.59	PK	Vertical
2	5044.500	51.40	33.99	-42.42	42.97	74.00	31.03	PK	Vertical
3	7381.500	49.45	37.27	-40.85	45.87	74.00	28.13	PK	Vertical
4	8161.500	50.14	37.90	-40.72	47.32	74.00	26.68	PK	Vertical
5	10704.000	47.44	40.00	-38.02	49.42	74.00	24.58	PK	Vertical
6	11661.000	47.38	39.54	-37.29	49.63	74.00	24.37	PK	Vertical

Final Data List

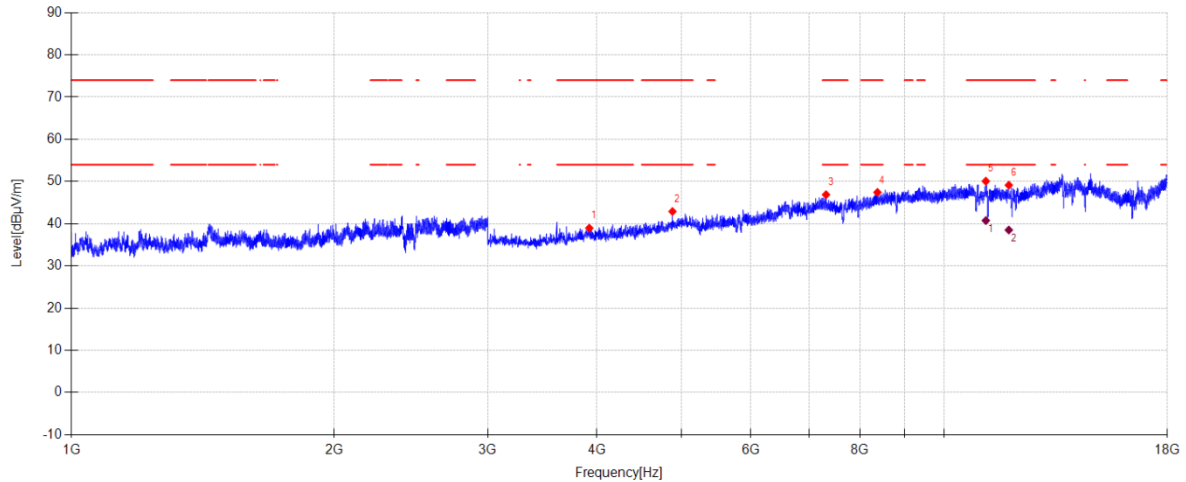
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10704.000	37.90	40.00	-38.02	39.88	54.00	14.12	AV	Vertical
2	11661.000	38.08	39.54	-37.29	40.33	54.00	13.67	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-07 **Tested By:** Cao Jie
Test Mode: TX DH5 2441MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\3
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3919.500	51.84	31.64	-44.52	38.96	74.00	35.04	PK	Horizontal
2	4881.000	52.29	33.46	-42.85	42.90	74.00	31.10	PK	Horizontal
3	7318.500	50.19	37.59	-40.90	46.88	74.00	27.12	PK	Horizontal
4	8380.500	49.73	38.06	-40.36	47.43	74.00	26.57	PK	Horizontal
5	11152.500	47.81	39.81	-37.54	50.08	74.00	23.92	PK	Horizontal
6	11850.000	46.58	39.55	-36.99	49.14	74.00	24.86	PK	Horizontal

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11152.500	38.48	39.81	-37.54	40.75	54.00	13.25	AV	Horizontal
2	11850.000	35.95	39.55	-36.99	38.51	54.00	15.49	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

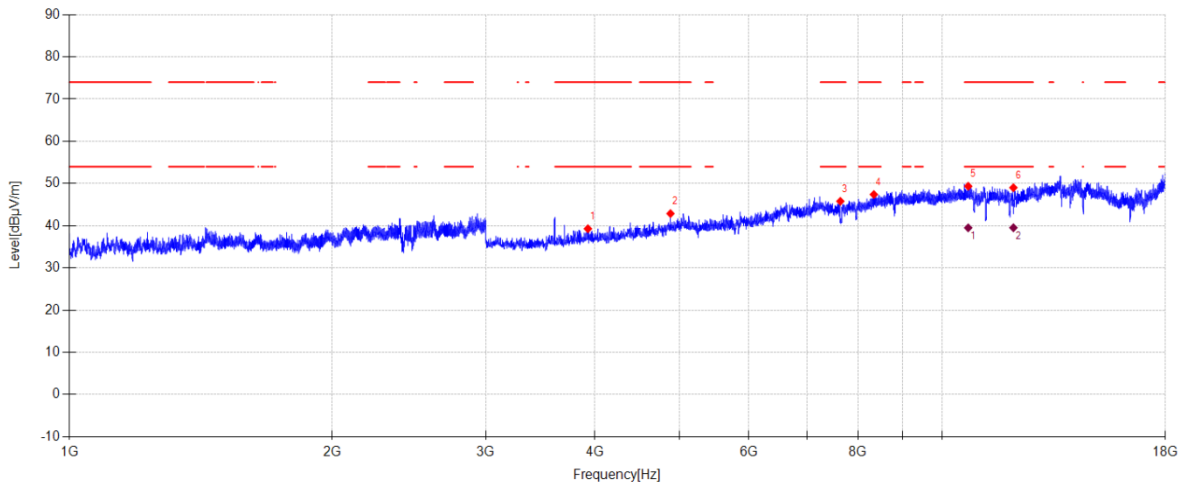
Test Date:2026-07-07Tested By:Cao Jie

Test Mode:TX DH5 2441MHz ModePower Supply:DC 12V

Condition:Temp:24.7°C;Humi:49.6%Test Site:4# Fully Anechoic Room

File Path:d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\4

Memo:Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3925.500	52.13	31.65	-44.50	39.28	74.00	34.72	PK	Vertical
2	4881.000	52.26	33.46	-42.85	42.87	74.00	31.13	PK	Vertical
3	7639.500	49.65	37.28	-41.14	45.79	74.00	28.21	PK	Vertical
4	8346.000	49.79	38.00	-40.40	47.39	74.00	26.61	PK	Vertical
5	10702.500	47.37	40.00	-38.02	49.35	74.00	24.65	PK	Vertical
6	12057.000	45.64	39.86	-36.49	49.01	74.00	24.99	PK	Vertical

Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10702.500	37.52	40.00	-38.02	39.50	54.00	14.50	AV	Vertical
2	12057.000	36.15	39.86	-36.49	39.52	54.00	14.48	AV	Vertical

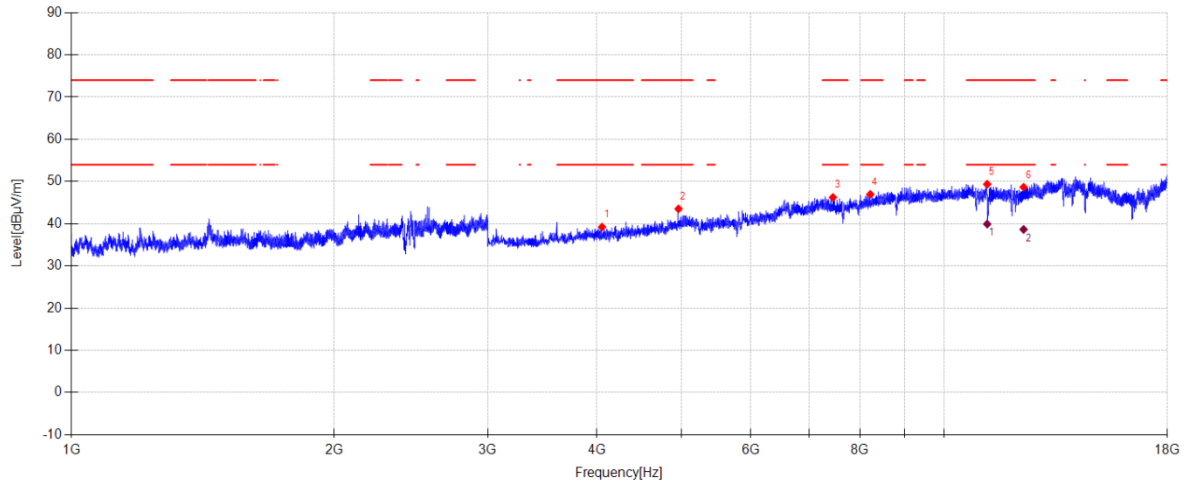
Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-07 **Tested By:** Cao Jie
Test Mode: TX DH5 2480MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\5
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4053.000	51.81	31.60	-44.20	39.21	74.00	34.79	PK	Horizontal
2	4959.000	52.42	33.74	-42.64	43.52	74.00	30.48	PK	Horizontal
3	7452.000	49.92	37.10	-40.78	46.24	74.00	27.76	PK	Horizontal
4	8224.500	49.70	37.90	-40.64	46.96	74.00	27.04	PK	Horizontal
5	11193.000	46.75	39.89	-37.28	49.36	74.00	24.64	PK	Horizontal
6	12321.000	45.25	39.78	-36.38	48.65	74.00	25.35	PK	Horizontal

Final Data List

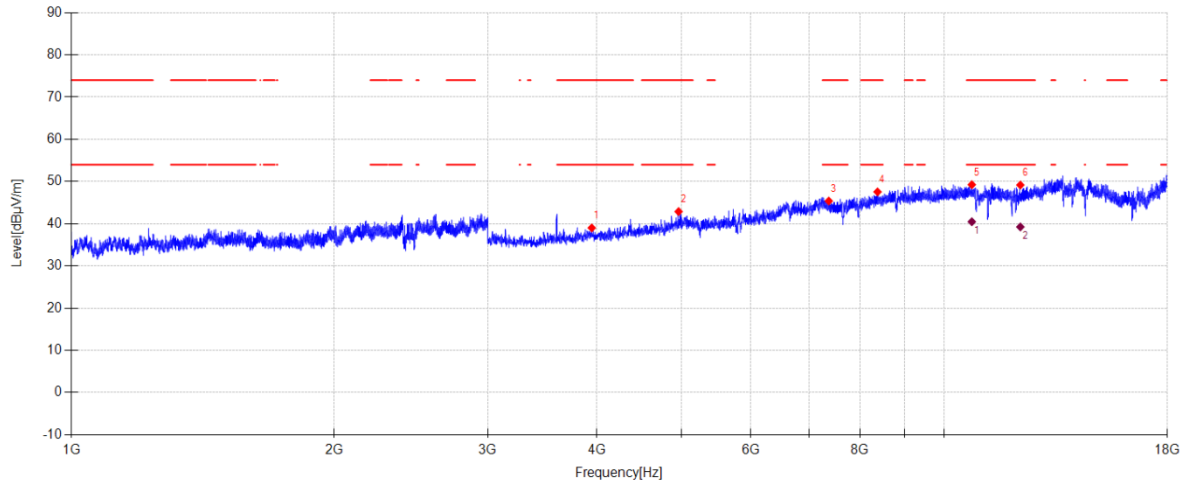
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11193.000	37.31	39.89	-37.28	39.92	54.00	14.08	AV	Horizontal
2	12321.000	35.25	39.78	-36.38	38.65	54.00	15.35	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-07 **Tested By:** Cao Jie
Test Mode: TX DH5 2480MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\6
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3945.000	51.76	31.69	-44.44	39.01	74.00	34.99	PK	Vertical
2	4960.500	51.76	33.74	-42.63	42.87	74.00	31.13	PK	Vertical
3	7371.000	48.92	37.32	-40.86	45.38	74.00	28.62	PK	Vertical
4	8382.000	49.84	38.06	-40.35	47.55	74.00	26.45	PK	Vertical
5	10749.000	47.22	40.00	-37.97	49.25	74.00	24.75	PK	Vertical
6	12216.000	45.79	39.88	-36.50	49.17	74.00	24.83	PK	Vertical

Final Data List

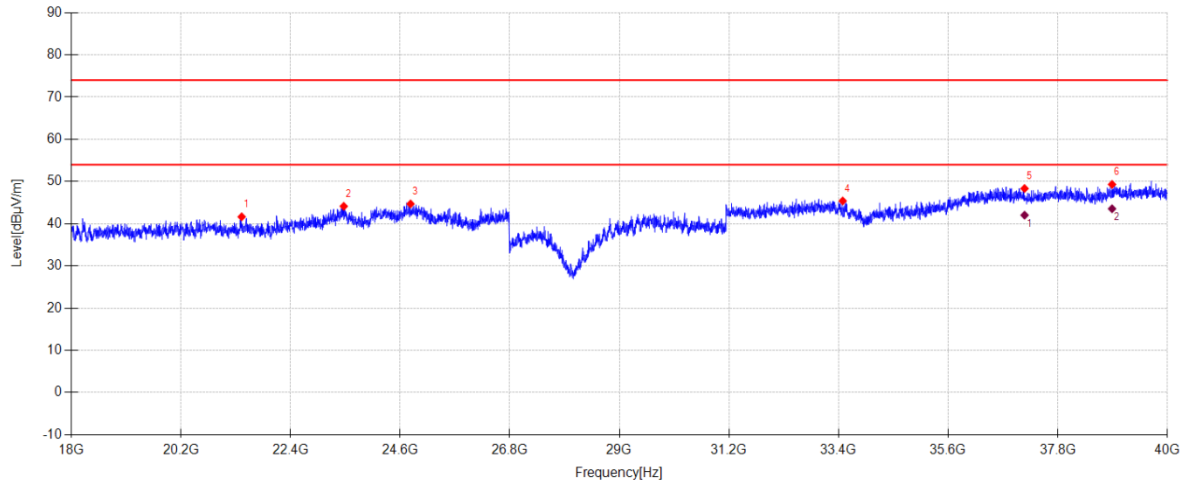
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10749.000	38.44	40.00	-37.97	40.47	54.00	13.53	AV	Vertical
2	12216.000	35.86	39.88	-36.50	39.24	54.00	14.76	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-24 **Tested By:** Cao Jie
Test Mode: TX DH5 2402MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\19
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	21419.119	50.17	38.44	3.86	41.64	74.00	32.36	PK	Vertical
2	23468.441	51.06	39.21	4.69	44.13	74.00	29.87	PK	Vertical
3	24808.692	50.39	39.50	4.71	44.70	74.00	29.30	PK	Vertical
4	33484.068	46.90	41.79	5.52	45.40	74.00	28.60	PK	Vertical
5	37134.172	48.83	43.03	5.78	48.34	74.00	25.66	PK	Vertical
6	38890.734	47.05	45.68	6.42	49.31	74.00	24.69	PK	Vertical

Final Data List

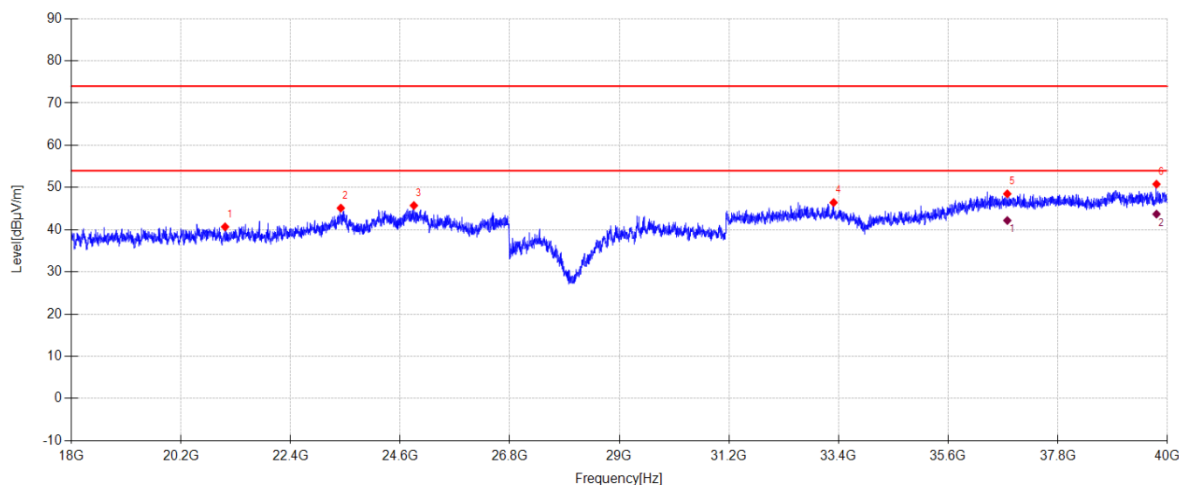
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	37134.172	42.51	43.03	5.78	42.02	54.00	11.98	AV	Vertical
2	38890.734	41.28	45.68	6.42	43.54	54.00	10.46	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-07-24 **Tested By:** Cao Jie
Test Mode: TX DH5 2402MHz Mode **Power Supply:** DC 12V
Condition: Temp:24.7°C;Humi:49.6% **Test Site:** 4# Fully Anechoic Room
File Path: d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\20
Memo: Sample Number:S26052106-021 Power Setting:0

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	21086.070	49.17	38.41	3.70	40.68	74.00	33.32	PK	Horizontal
2	23409.352	52.15	39.22	4.67	45.13	74.00	28.87	PK	Horizontal
3	24875.839	51.35	39.54	4.72	45.73	74.00	28.27	PK	Horizontal
4	33301.428	47.73	41.72	5.46	46.43	74.00	27.57	PK	Horizontal
5	36787.694	48.71	42.88	6.21	48.50	74.00	25.50	PK	Horizontal
6	39782.444	48.94	46.53	6.44	50.80	74.00	23.20	PK	Horizontal

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36787.694	42.39	42.88	6.21	42.18	54.00	11.82	AV	Horizontal
2	39782.444	41.84	46.53	6.44	43.70	54.00	10.30	AV	Horizontal

Note:

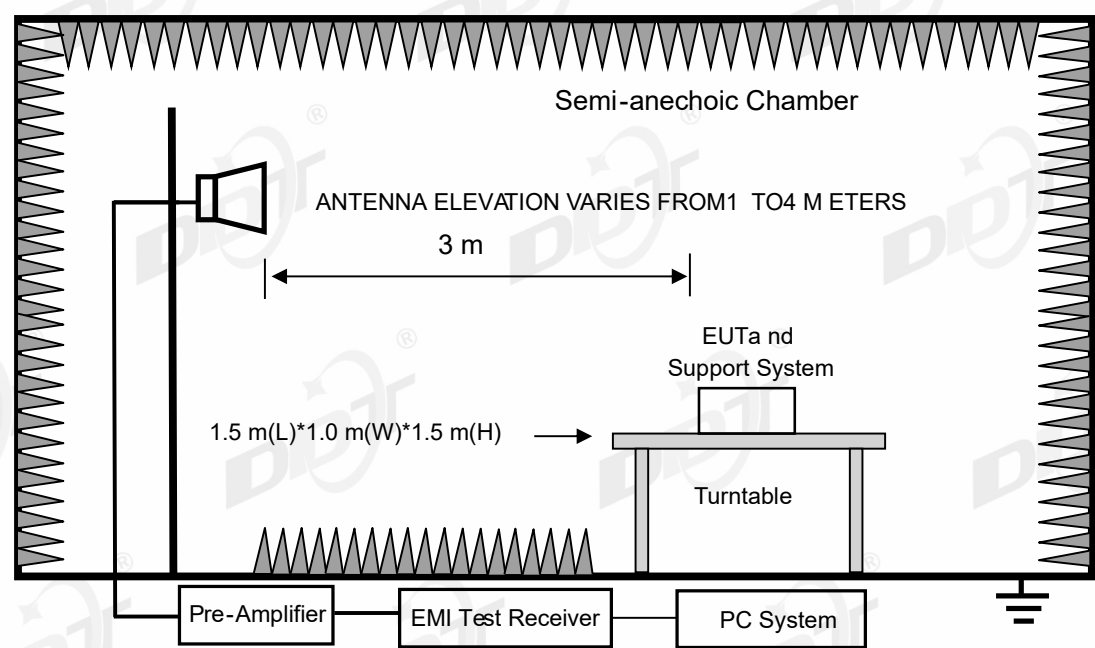
1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Band Edge Compliance

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-10M	DDT-ZC05591	2026/10/10
RF cable	Zhongke Junchuang	Z805UF-NJ-NJ-3M	DDT-ZC05590	2026/10/10
RF cable	Zhongke Junchuang	JCTB510-NJW-NJW-0.6M	DDT-ZC04595	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-1M	DDT-ZC03802	2026/10/10
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF cable	Zhongke Junchuang	JCT40P-2.92J-2.92J-5M	DDT-ZC03800	2026/10/10
Radiation disturbance fully automated test software	Tonscend	JS32-RE (V5.0.0)	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2027/06/25
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2027/07/08
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2027/02/27
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2027/02/27
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2027/02/27
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2027/07/10
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2027/07/10
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2027/07/10
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

15.2. Block diagram of test setup



15.3. Limits

All restriction band should comply with 15.209 limits, other emission should be at least 20 dB below the fundamental.

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

15.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

15.6. Test result

PASS. (See below detailed test result)

15.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

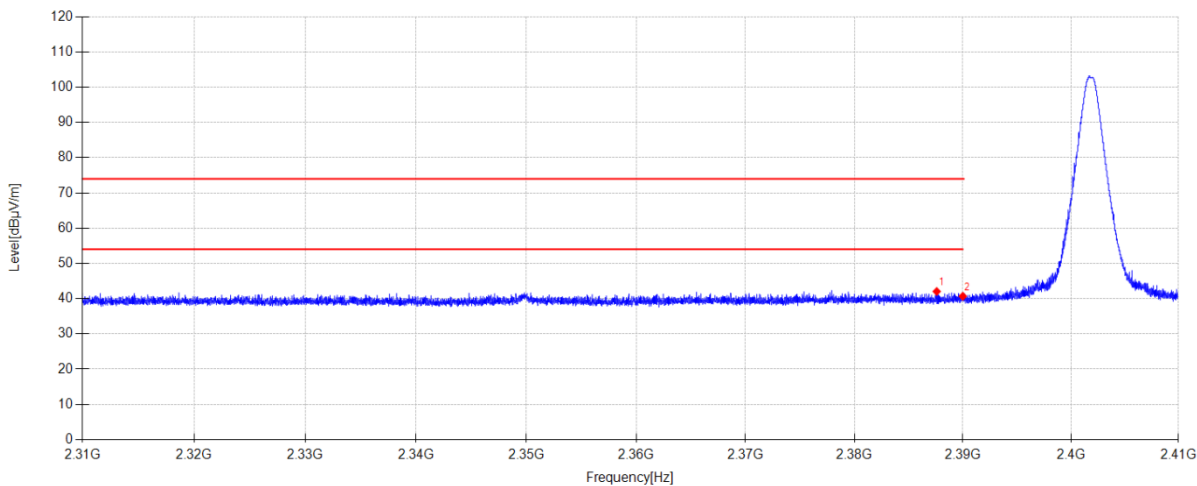
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT17

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.590	47.06	28.18	-33.21	42.03	74.00	31.97	PK	Horizontal
2	2390.000	45.70	28.18	-33.21	40.67	74.00	33.33	PK	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

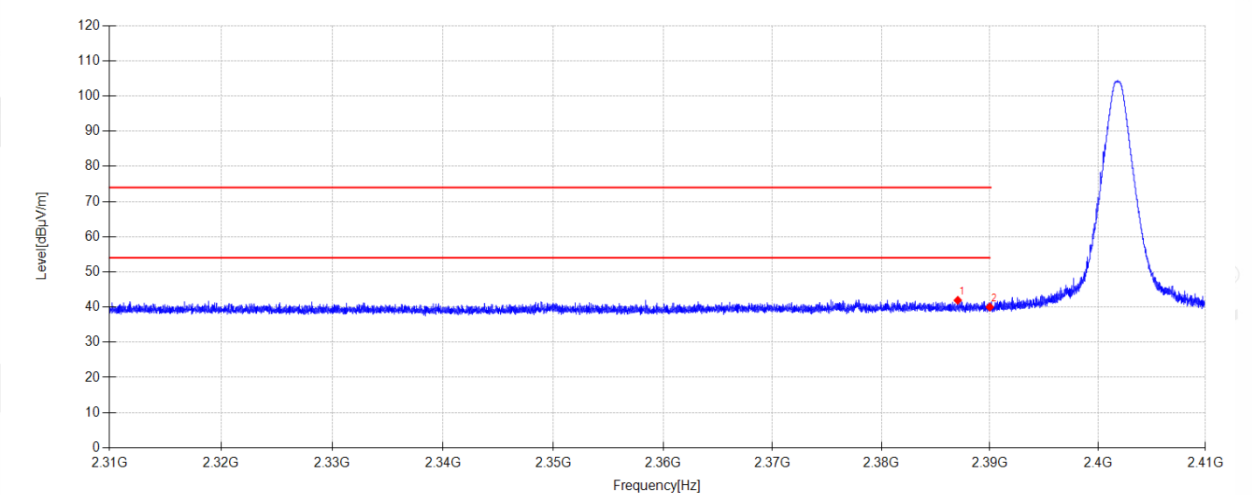
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\8

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.040	46.97	28.17	-33.22	41.92	74.00	32.08	PK	Vertical
2	2390.000	45.03	28.18	-33.21	40.00	74.00	34.00	PK	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

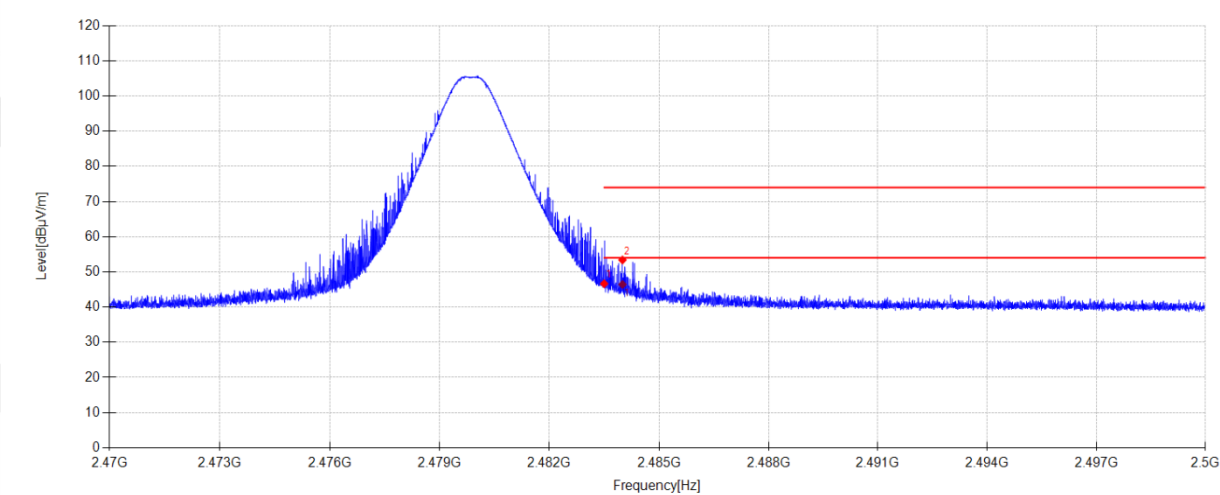
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\9

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	51.46	28.60	-33.42	46.64	74.00	27.36	PK	Horizontal
2	2484.001	58.21	28.60	-33.42	53.39	74.00	20.61	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2484.001	51.25	28.60	-33.42	46.43	54.00	7.57	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

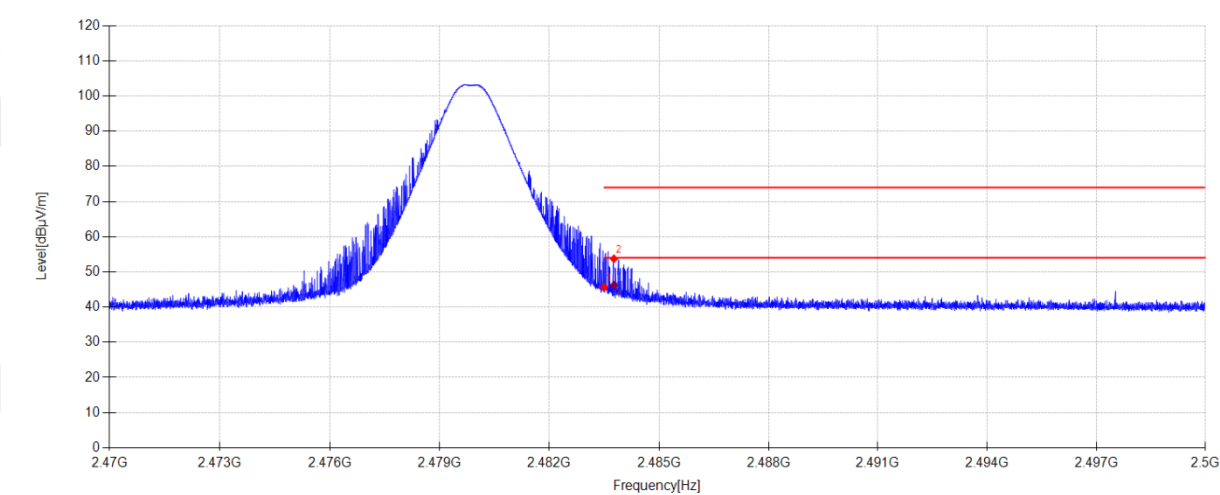
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\10

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	50.46	28.60	-33.42	45.64	74.00	28.36	PK	Vertical
2	2483.767	58.55	28.60	-33.42	53.73	74.00	20.27	PK	Vertical

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.767	51.03	28.60	-33.42	46.21	54.00	7.79	AV	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

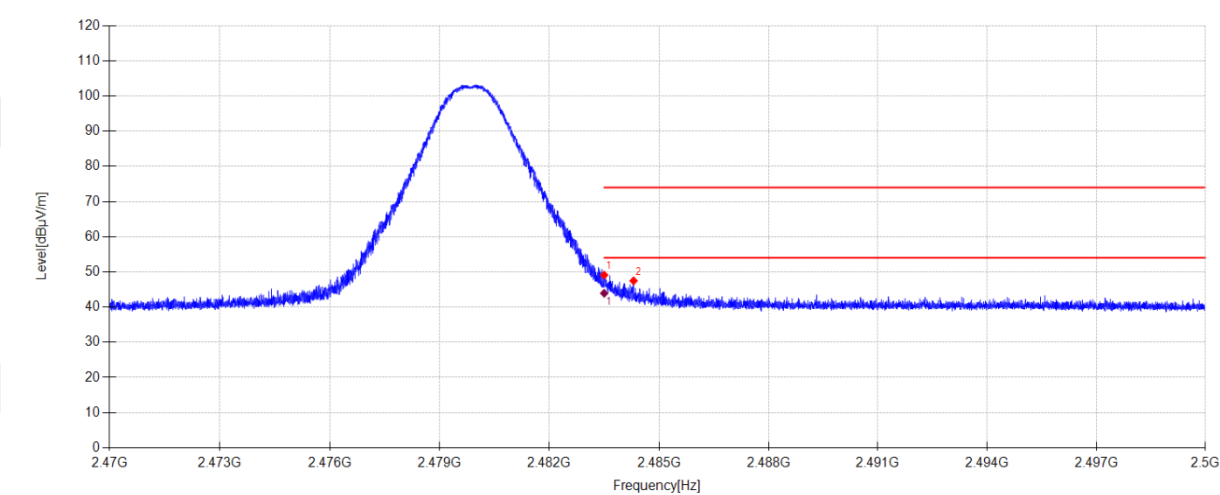
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\11

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	53.92	28.60	-33.42	49.10	74.00	24.90	PK	Horizontal
2	2484.304	52.28	28.61	-33.42	47.47	74.00	26.53	PK	Horizontal

Final Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	48.74	28.60	-33.42	43.92	54.00	10.08	AV	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

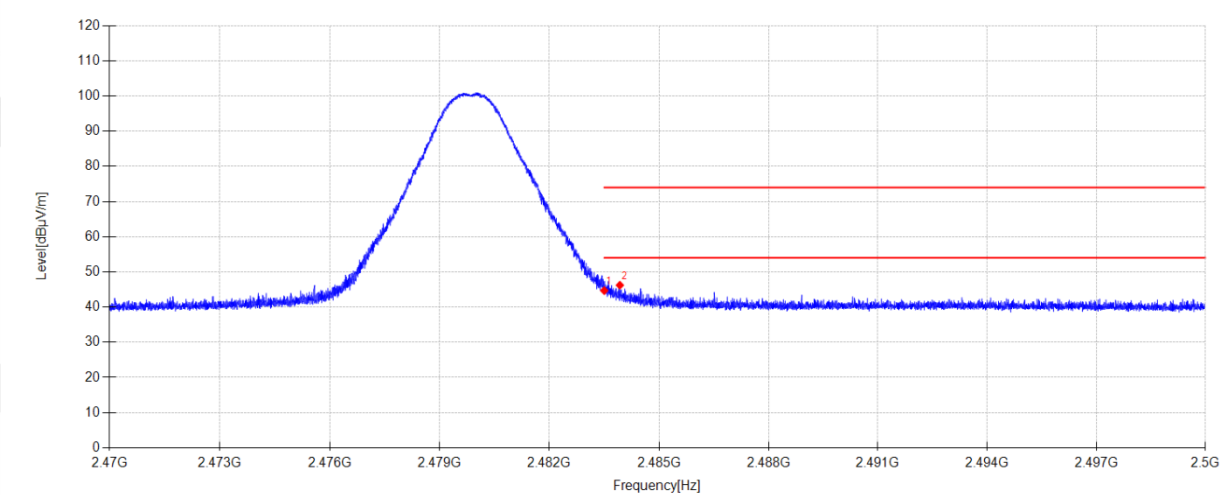
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\12

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	49.51	28.60	-33.42	44.69	74.00	29.31	PK	Vertical
2	2483.929	51.04	28.60	-33.42	46.22	74.00	27.78	PK	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

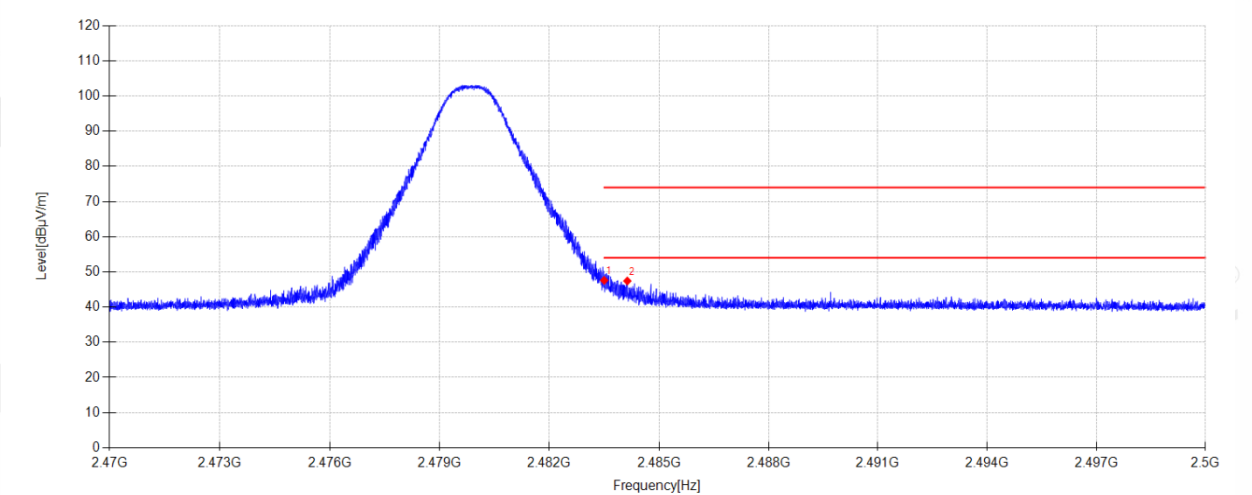
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\13

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	52.42	28.60	-33.42	47.60	74.00	26.40	PK	Horizontal
2	2484.133	52.24	28.60	-33.42	47.42	74.00	26.58	PK	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

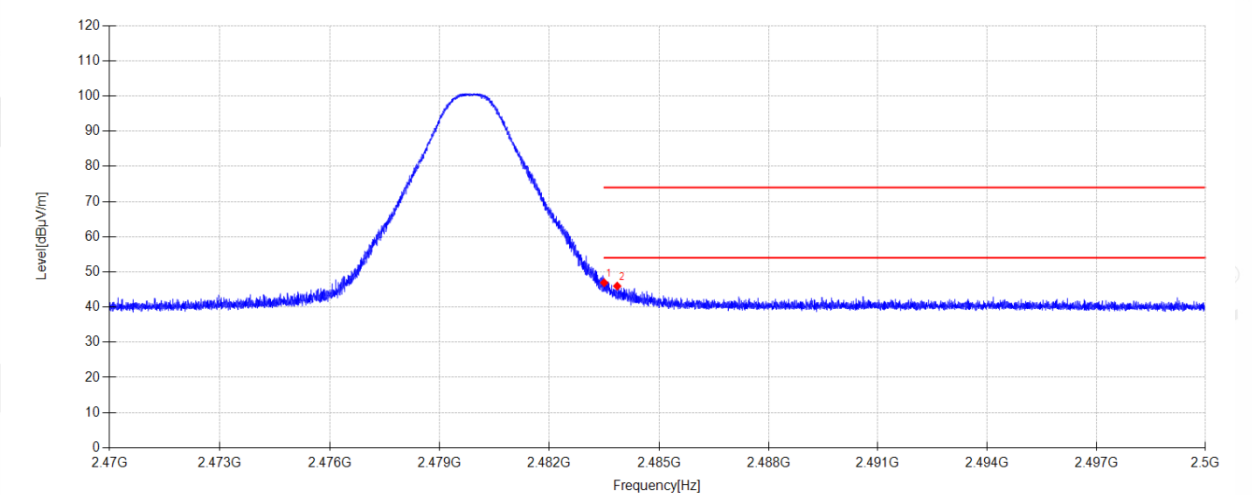
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\14

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	51.75	28.60	-33.42	46.93	74.00	27.07	PK	Vertical
2	2483.857	50.79	28.60	-33.42	45.97	74.00	28.03	PK	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 3DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

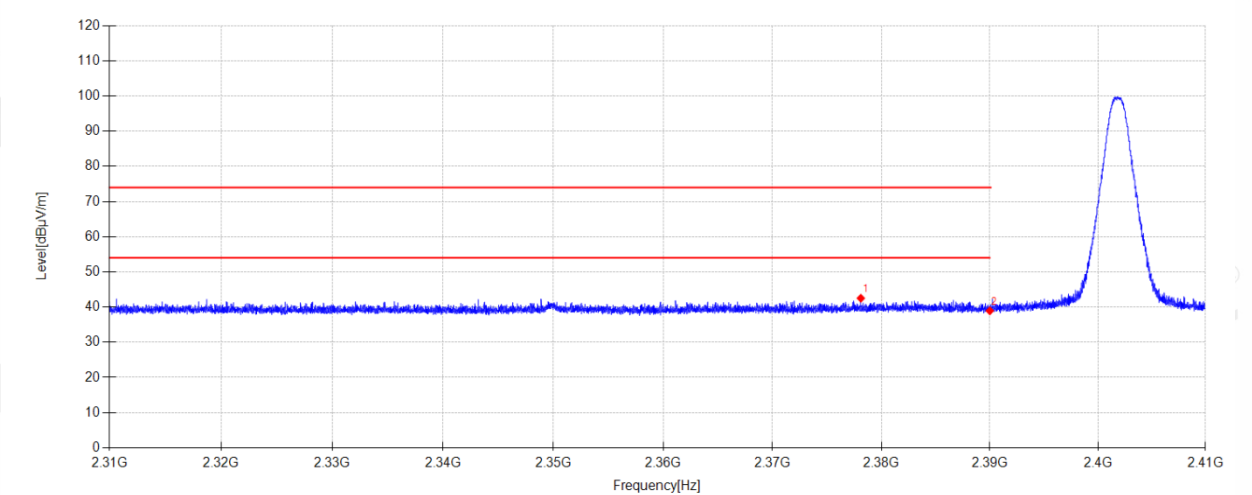
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\15

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.110	47.57	28.16	-33.22	42.51	74.00	31.49	PK	Horizontal
2	2390.000	43.97	28.18	-33.21	38.94	74.00	35.06	PK	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 3DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

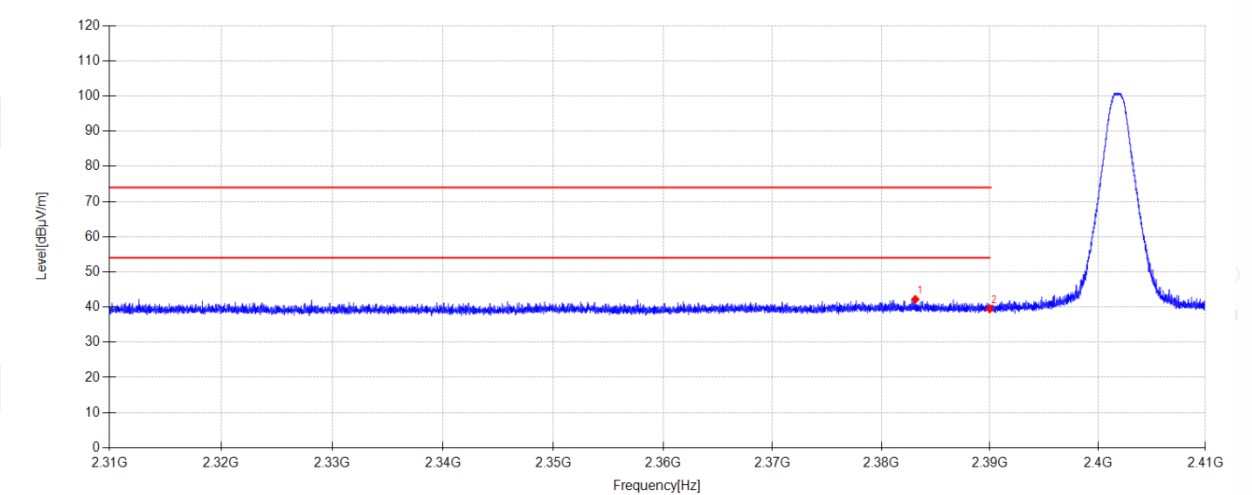
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\16

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.120	47.24	28.17	-33.22	42.19	74.00	31.81	PK	Vertical
2	2390.000	44.55	28.18	-33.21	39.52	74.00	34.48	PK	Vertical

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

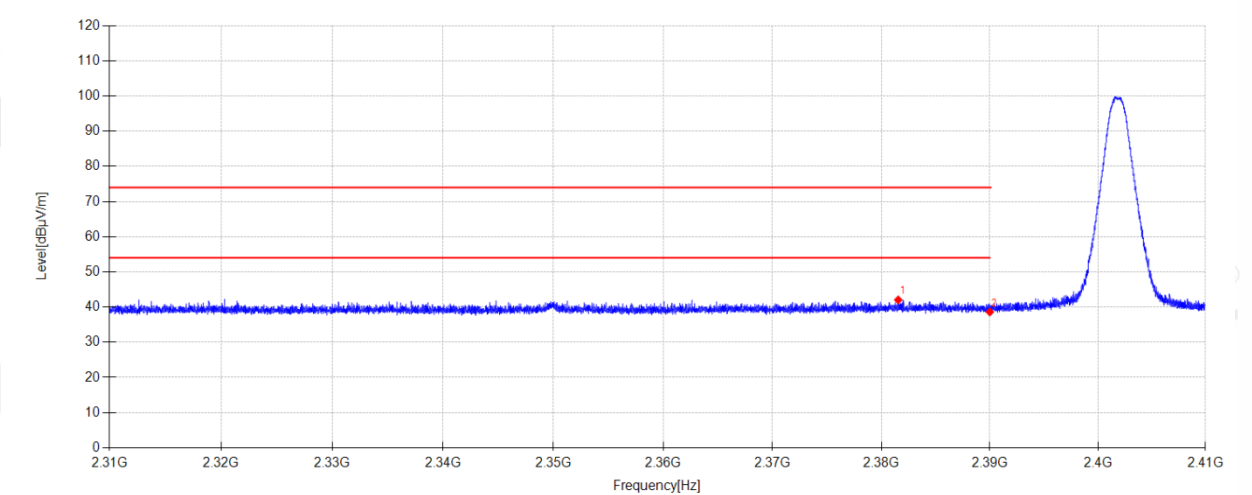
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\17

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2381.550	47.10	28.16	-33.22	42.04	74.00	31.96	PK	Horizontal
2	2390.000	43.63	28.18	-33.21	38.60	74.00	35.40	PK	Horizontal

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-07-07

Tested By:

Cao Jie

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

DC 12V

Condition:

Temp:24.7°C;Humi:49.6%

Test Site:

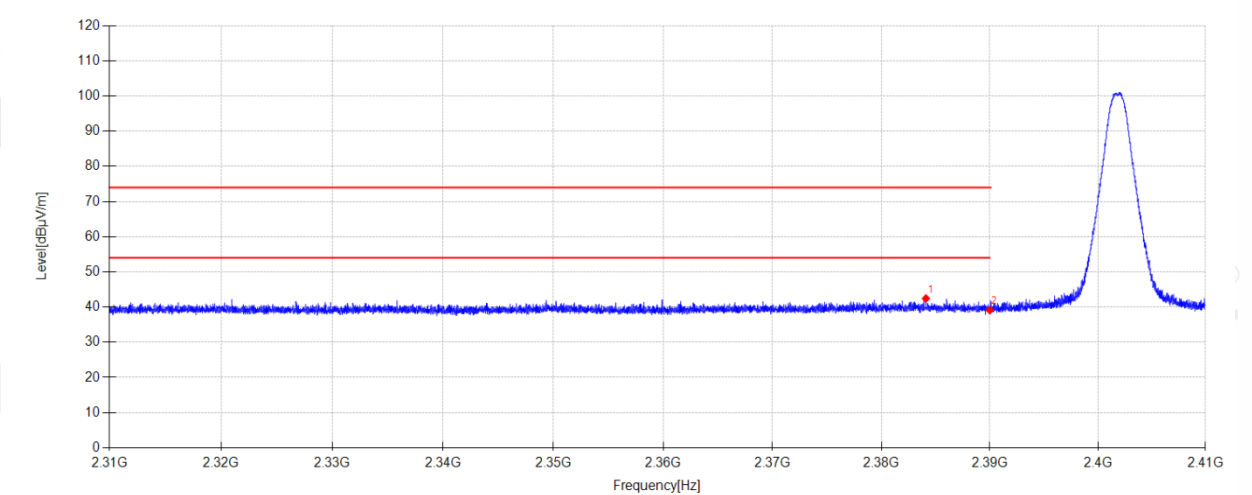
4# Fully Anechoic Room

File Path:

d:\ts\2026 fcc report date\Q26052106-1E\FCC ABOVE 1G BT\18

Memo:

Sample Number:S26052106-021 Power Setting:0



Suspected Data List									
NO	Freq. [MHz]	Reading [dBV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2384.100	47.50	28.17	-33.22	42.45	74.00	31.55	PK	Vertical
2	2390.000	44.17	28.18	-33.21	39.14	74.00	34.86	PK	Vertical

Note:

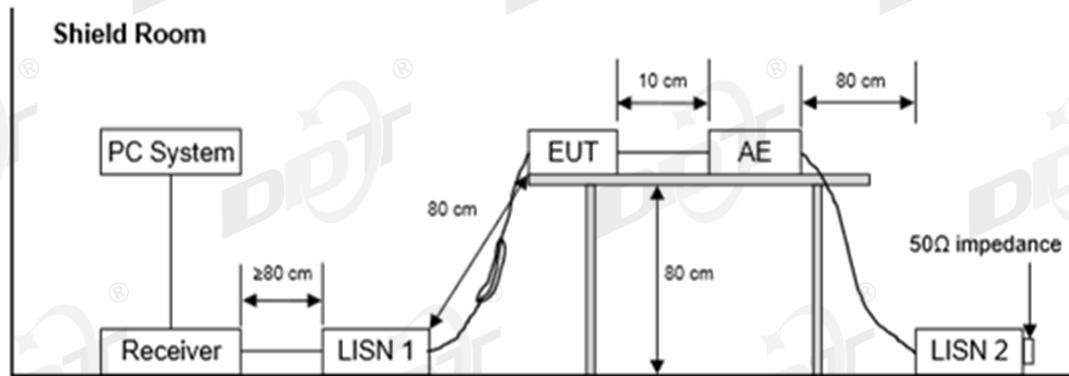
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

16. Power Line Conducted Emissions

16.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
/	/	/	/	/

16.2. Block diagram of test setup



16.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

16.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

16.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

16.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “---” means Peak detection; “---” means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

16.7. Test data

Not applicable. EUT is DC powered.

18. Photos of the EUT

Please refer to DDT-Q26052106-1E appendix I

-----End Report-----