

FCC Radio Test Report

FCC ID: 2BCGWTX10UBNANO

Report No. : BTL-FCCP-2-2403G134
Equipment : AX900 Nano Wi-Fi6 Bluetooth USB Adapter
Model Name : Archer TX10UB Nano
Brand Name : tp-link
Applicant : TP-LINK CORPORATION PTE. LTD.
Address : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

Radio Function : Bluetooth Low Energy

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2024/5/23
Date of Test : 2024/5/29 ~ 2024/6/21
Issued Date : 2024/8/8

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Poken Huang

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY	5
1 SUMMARY OF TEST RESULTS	6
1.1 TEST FACILITY	7
1.2 MEASUREMENT UNCERTAINTY	7
1.3 TEST ENVIRONMENT CONDITIONS	7
2 GENERAL INFORMATION	8
2.1 DESCRIPTION OF EUT	8
2.2 TEST MODES	9
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	10
2.4 SUPPORT UNITS	10
3 AC POWER LINE CONDUCTED EMISSIONS TEST	11
3.1 LIMIT	11
3.2 TEST PROCEDURE	11
3.3 DEVIATION FROM TEST STANDARD	11
3.4 TEST SETUP	12
3.5 TEST RESULT	12
4 RADIATED EMISSIONS TEST	13
4.1 LIMIT	13
4.2 TEST PROCEDURE	14
4.3 DEVIATION FROM TEST STANDARD	14
4.4 TEST SETUP	14
4.5 EUT OPERATING CONDITIONS	15
4.6 TEST RESULT – BELOW 30 MHZ	16
4.7 TEST RESULT – 30 MHZ TO 1 GHZ	16
4.8 TEST RESULT – ABOVE 1 GHZ	16
5 BANDWIDTH TEST	17
5.1 APPLIED PROCEDURES / LIMIT	17
5.2 TEST PROCEDURE	17
5.3 DEVIATION FROM STANDARD	17
5.4 TEST SETUP	17
5.5 EUT OPERATION CONDITIONS	17
5.6 TEST RESULTS	17
6 OUTPUT POWER TEST	18
6.1 APPLIED PROCEDURES / LIMIT	18
6.2 TEST PROCEDURE	18
6.3 DEVIATION FROM STANDARD	18
6.4 TEST SETUP	18
6.5 EUT OPERATION CONDITIONS	18
6.6 TEST RESULTS	18
7 POWER SPECTRAL DENSITY TEST	19
7.1 APPLIED PROCEDURES / LIMIT	19
7.2 TEST PROCEDURE	19
7.3 DEVIATION FROM STANDARD	19
7.4 TEST SETUP	19
7.5 EUT OPERATION CONDITIONS	19
7.6 TEST RESULTS	19
8 ANTENNA CONDUCTED SPURIOUS EMISSION	20

8.1	APPLIED PROCEDURES / LIMIT	20
8.2	TEST PROCEDURE	20
8.3	DEVIATION FROM STANDARD	20
8.4	TEST SETUP	20
8.5	EUT OPERATION CONDITIONS	20
8.6	TEST RESULTS	20
9	LIST OF MEASURING EQUIPMENTS	21
10	EUT TEST PHOTO	23
11	EUT PHOTOS	23
APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS	24
APPENDIX B	RADIATED EMISSIONS - 9 KHZ TO 30 MHZ	29
APPENDIX C	RADIATED EMISSIONS - 30 MHZ TO 1 GHZ	32
APPENDIX D	RADIATED EMISSIONS - ABOVE 1 GHZ	35
APPENDIX E	BANDWIDTH	52
APPENDIX F	OUTPUT POWER	55
APPENDIX G	POWER SPECTRAL DENSITY TEST	57
APPENDIX H	ANTENNA CONDUCTED SPURIOUS EMISSION	59

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2403G134	R00	Original Report.	2024/7/11	Invalid
BTL-FCCP-2-2403G134	R01	Added the power of S2 and S8.	2024/8/8	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	-----
15.247(a)(2)	Bandwidth	APPENDIX E	Pass	-----
15.247(b)(3)	Output Power	APPENDIX F	Pass	-----
15.247(e)	Power Spectral Density	APPENDIX G	Pass	-----
15.247(d)	Antenna conducted Spurious Emission	APPENDIX H	Pass	-----
15.203	Antenna Requirement	-----	Pass	-----

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC DN: TW0659)

☒ C06

☒ CB21

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C06	CISPR	150 kHz ~ 30 MHz	2.4498

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U (dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.20
	6 GHz ~ 18 GHz	5.50
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U (dB)
Occupied Bandwidth	0.53
Output power	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.54
Conducted Band edges	0.53

NOTE:

Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	DC 5V	Ken Lu
Radiated emissions below 1 GHz	Refer to data	DC 5V	Ken Lu
Radiated emissions above 1 GHz	Refer to data	DC 5V	Ken Lu
Bandwidth	24°C, 60%	DC 5V	Cai Hu
Output Power	24°C, 60%	DC 5V	Cai Hu
Power Spectral Density	24°C, 60%	DC 5V	Cai Hu
Antenna conducted Spurious Emission	24°C, 60%	DC 5V	Cai Hu

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	AX900 Nano Wi-Fi6 Bluetooth USB Adapter
Model Name	Archer TX10UB Nano
Brand Name	tp-link
Model Difference	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from Notebook.
Power Rating	DC 5V
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Technology	GFSK
Transfer Rate	1 Mbps / 2 Mbps / 500 kbps / 125 kbps
Output Power Max.	1 Mbps: 10.96 dBm (0.0125 W) 2 Mbps: 7.74 dBm (0.0059 W) 500 kbps(S2): 10.84 dBm (0.0121 W) 125 kbps(S8): 10.51 dBm (0.0112 W)
Test Software Version	RTL8851B USB MP Package ALPHA v2.0.29
Test Model	Archer TX10UB Nano
Sample Status	Final shipment prototype
EUT Modification(s)	N/A

NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

(3) Table for Filed Antenna:

Antenna	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	6035500184	Dipole	N/A	0.5

- (4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	1 Mbps	00	-
Transmitter Radiated Emissions (above 1GHz)	2 Mbps / 1 Mbps	00/39	Bandedge
	2 Mbps / 1 Mbps	00/19/39	Harmonic
Bandwidth	2 Mbps / 1 Mbps	00/19/39	-
Output Power	2 Mbps / 1 Mbps / 500 kbps / 125 kbps	00/19/39	-
Power Spectral Density	2 Mbps / 1 Mbps	00/19/39	-
Antenna conducted Spurious Emission	2 Mbps / 1 Mbps	00/19/39	-

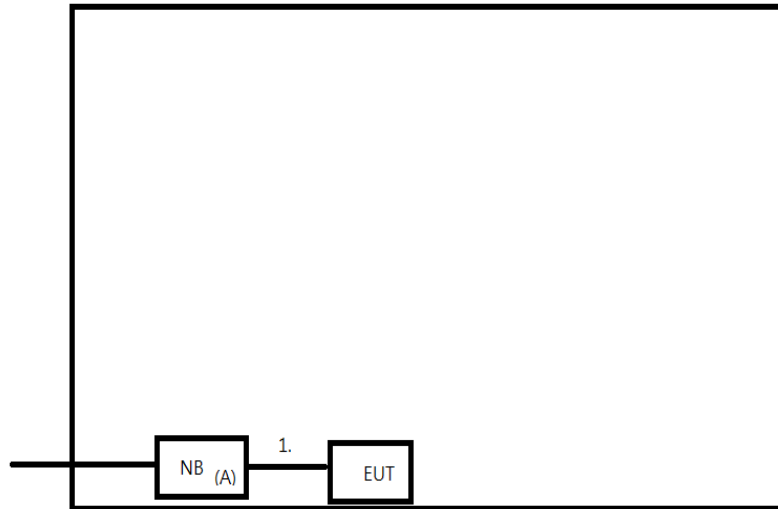
NOTE:

- (1) The measurements for Output Power were tested, the worst cases were 1Mbps and 2Mbps, only worst case were documented for other test items.
- (2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (4) For radiated emission below 1 GHz test, the 1 Mbps channel 00 is found to be the worst case and recorded.

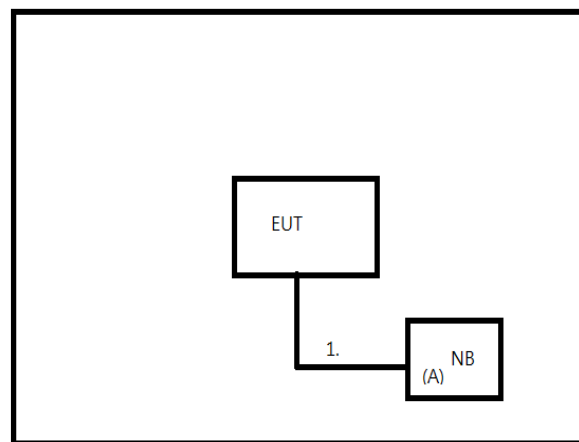
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	Yes	No	1m	USB to USB Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level (dBμV)		Correct Factor (dB)		Measurement Value (dBμV)
38.22	+	3.45	=	41.67

Measurement Value (dBμV)		Limit Value (dBμV)		Margin Level (dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

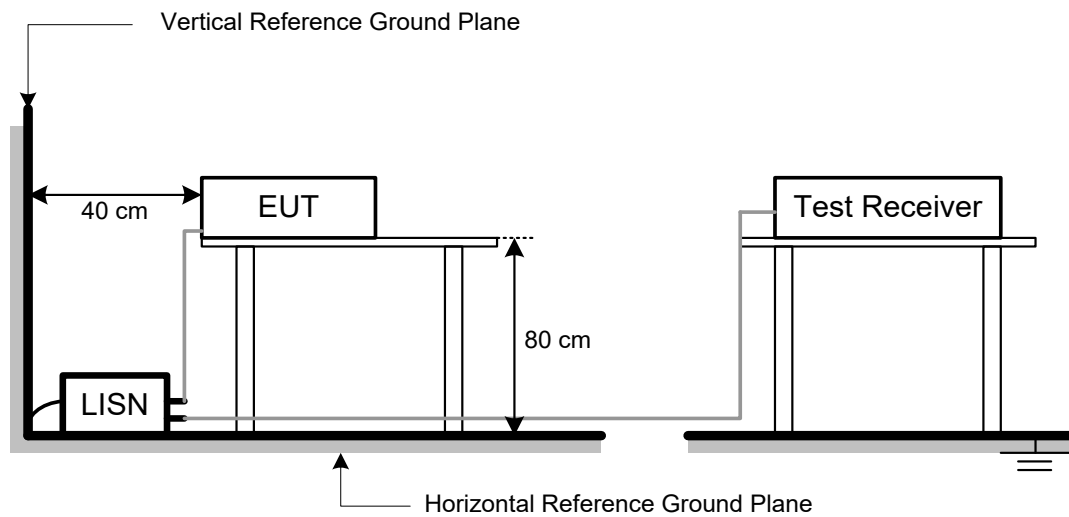
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated Emissions (dBuV/m)		Measurement Distance (meters)
	Peak	Average	
Above 1000	74	54	3

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBuV)		Correct Factor (dB)		Measurement Value (dBuV/m)
41.91	+	-8.36	=	33.55

Measurement Value (dBuV/m)		Limit Value (dBuV/m)		Margin Level (dB)
33.55	-	43.50	=	-9.95

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

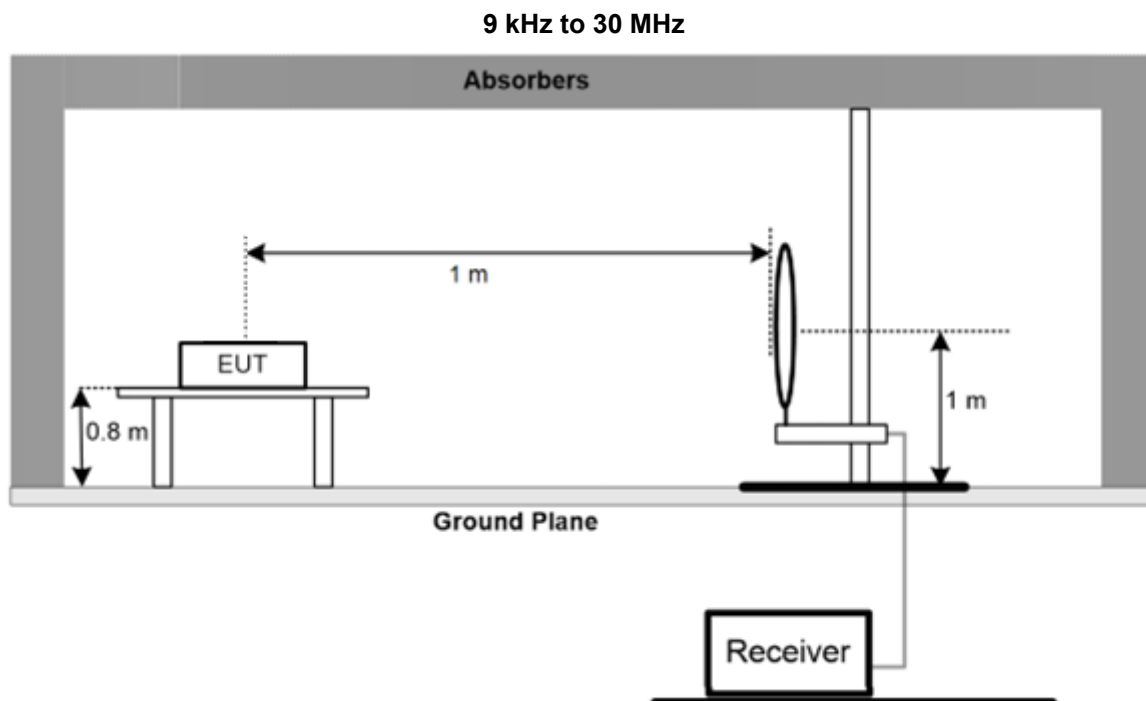
4.2 TEST PROCEDURE

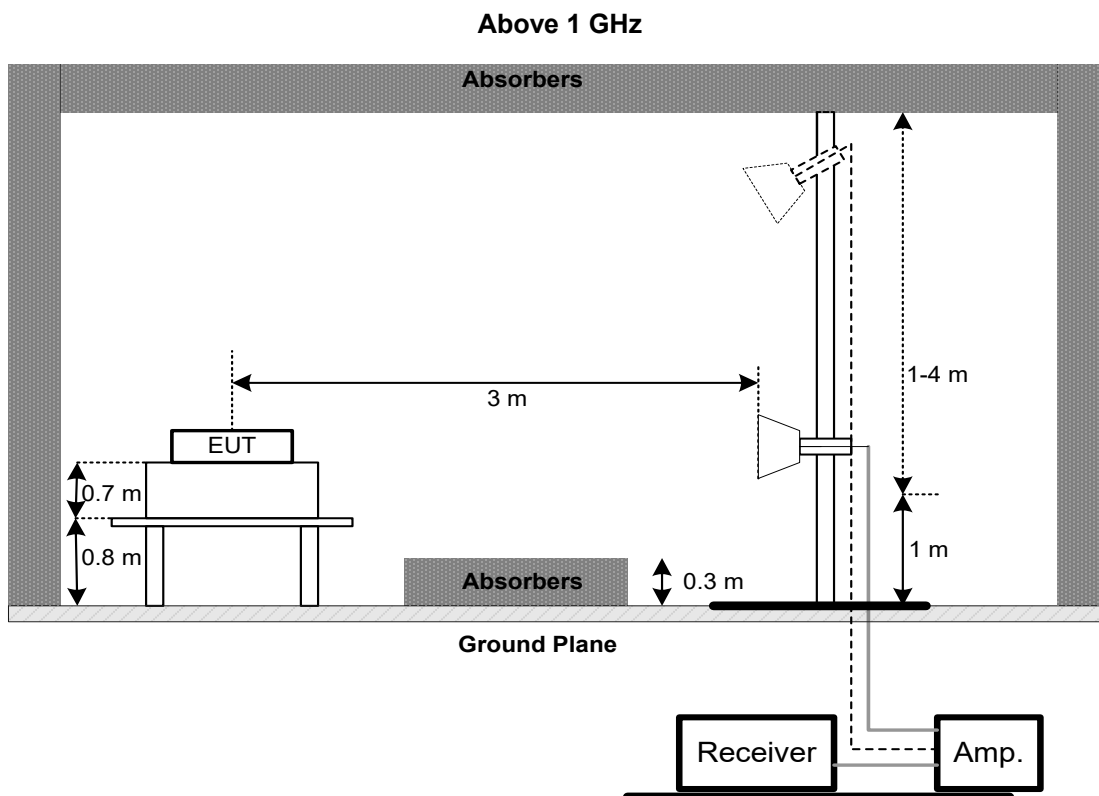
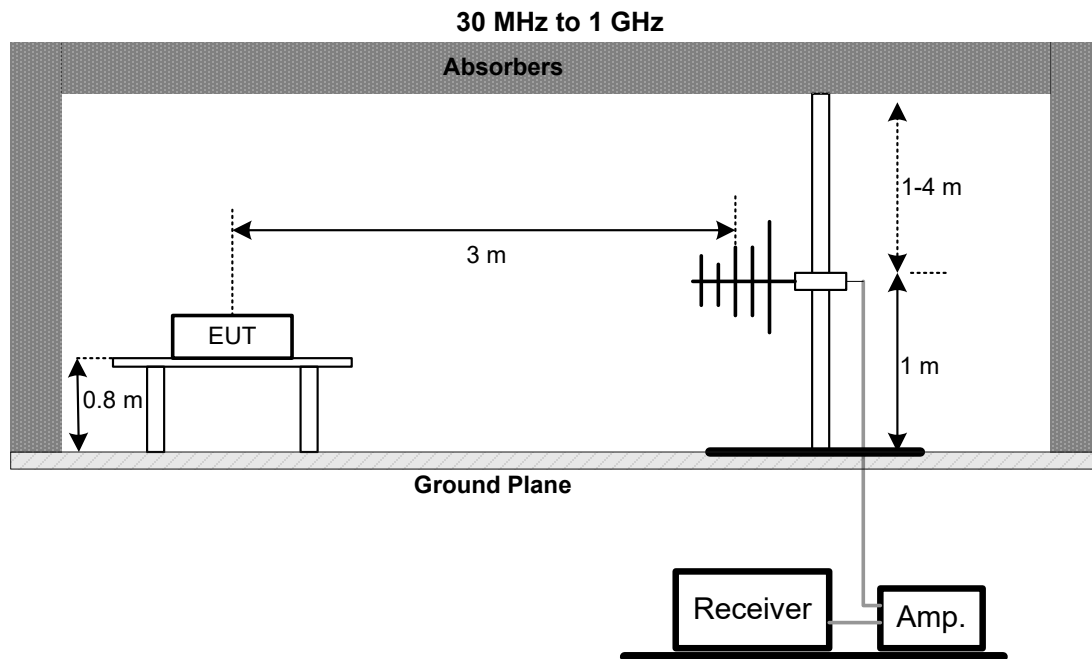
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5 BANDWIDTH TEST

5.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

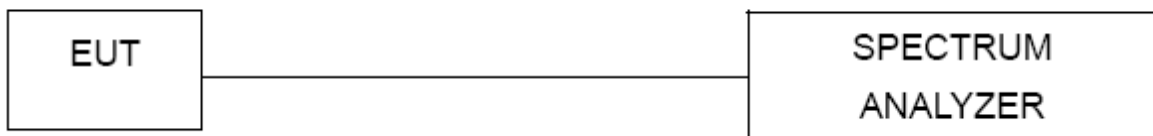
5.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.6 TEST RESULTS

Please refer to the APPENDIX E.

6 OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Maximum Output Power	1 watt or 30dBm	2400-2483.5	PASS

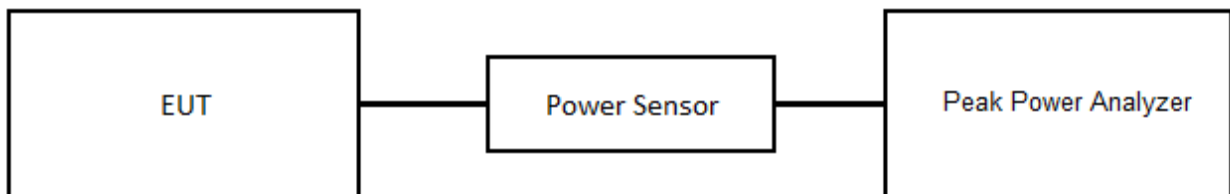
6.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below,
- The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7 POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

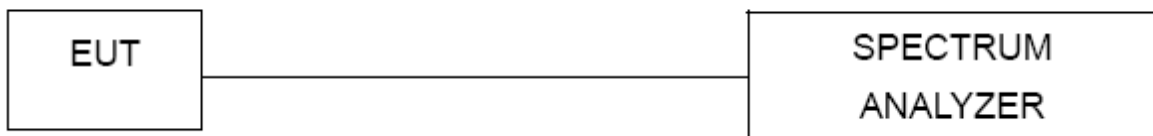
7.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting: RBW=3KHz, VBW=10 KHz, Sweep time = auto.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8 ANTENNA CONDUCTED SPURIOUS EMISSION

8.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced 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, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits.

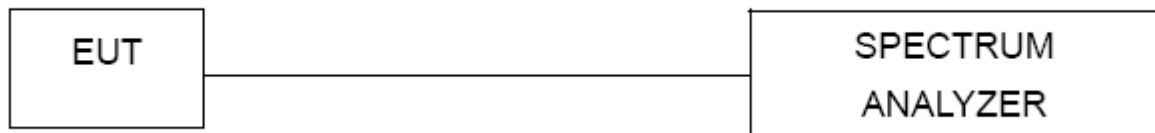
8.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=300KHz, Sweep time = 10 ms.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2023/12/11	2024/12/10
3	EXA Spectrum Analyzer	keysight	N9038A	MY54130009	2023/6/26	2024/6/25
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
2	Pre-Amplifier	EMCI	EMC051845SE	980779	2023/12/11	2024/12/10
3	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2023/12/11	2024/12/10
4	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2023/12/11	2024/12/10
5	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2023/12/11	2024/12/10
6	EXA Spectrum Analyzer	keysight	N9010A	MY56480554	2023/9/12	2024/9/11
7	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
8	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
9	Pre-Amplifier	EMCI	EMC001330-202 01222	980807	2023/12/11	2024/12/10
10	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2023/12/11	2024/12/10
11	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200348	2023/12/11	2024/12/10
12	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

10 EUT TEST PHOTO

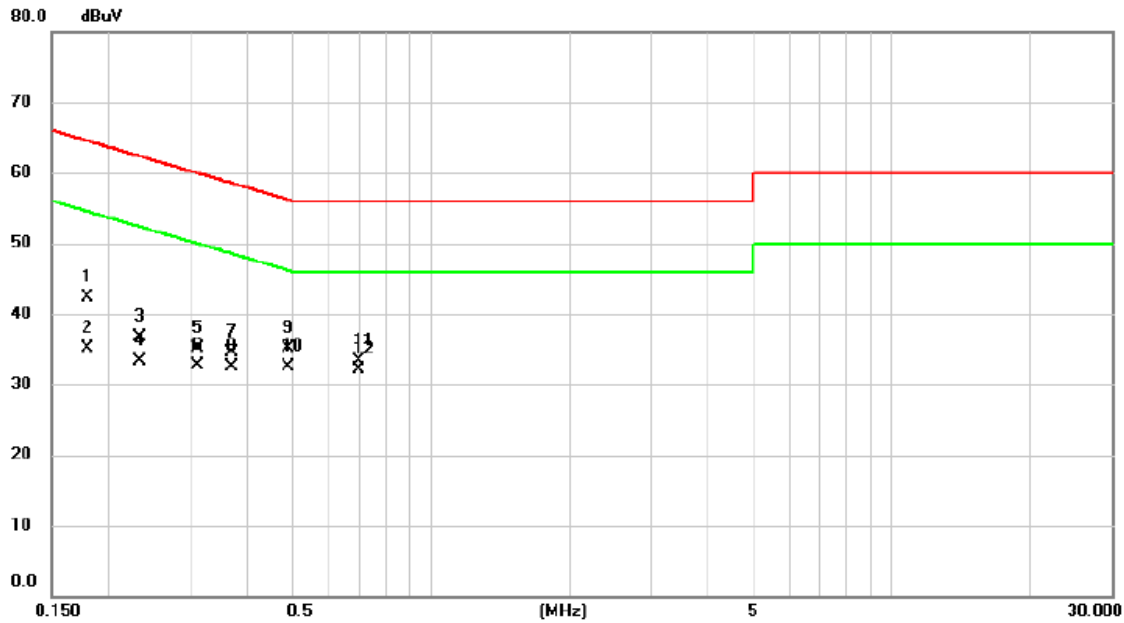
Please refer to document Appendix No.: TP-2403G134-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2403G134-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/5/31
Test Frequency	-	Phase	Line

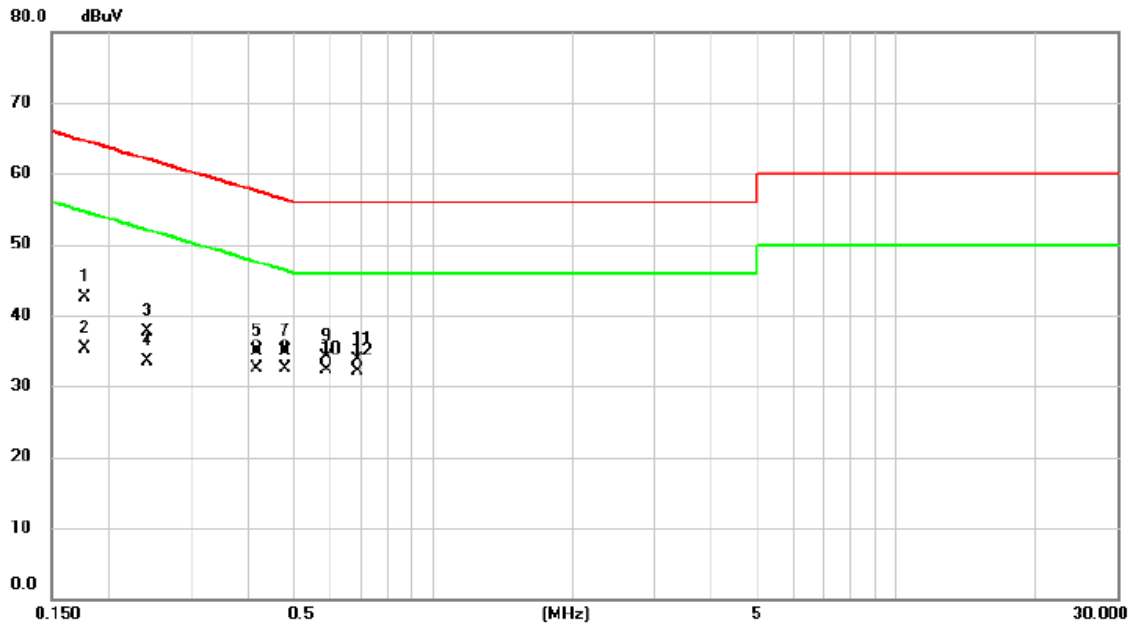


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1790	32.61	9.64	42.25	64.53	-22.28	QP	
2		0.1790	25.52	9.64	35.16	54.53	-19.37	AVG	
3		0.2330	27.11	9.64	36.75	62.34	-25.59	QP	
4		0.2330	23.61	9.64	33.25	52.34	-19.09	AVG	
5		0.3106	25.45	9.65	35.10	59.95	-24.85	QP	
6		0.3106	23.07	9.65	32.72	49.95	-17.23	AVG	
7		0.3684	24.82	9.65	34.47	58.54	-24.07	QP	
8		0.3684	22.84	9.65	32.49	48.54	-16.05	AVG	
9		0.4895	25.44	9.66	35.10	56.18	-21.08	QP	
10	*	0.4895	22.90	9.66	32.56	46.18	-13.62	AVG	
11		0.6980	23.64	9.68	33.32	56.00	-22.68	QP	
12		0.6980	22.50	9.68	32.18	46.00	-13.82	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Normal	Tested Date	2024/5/31
Test Frequency	-	Phase	Neutral

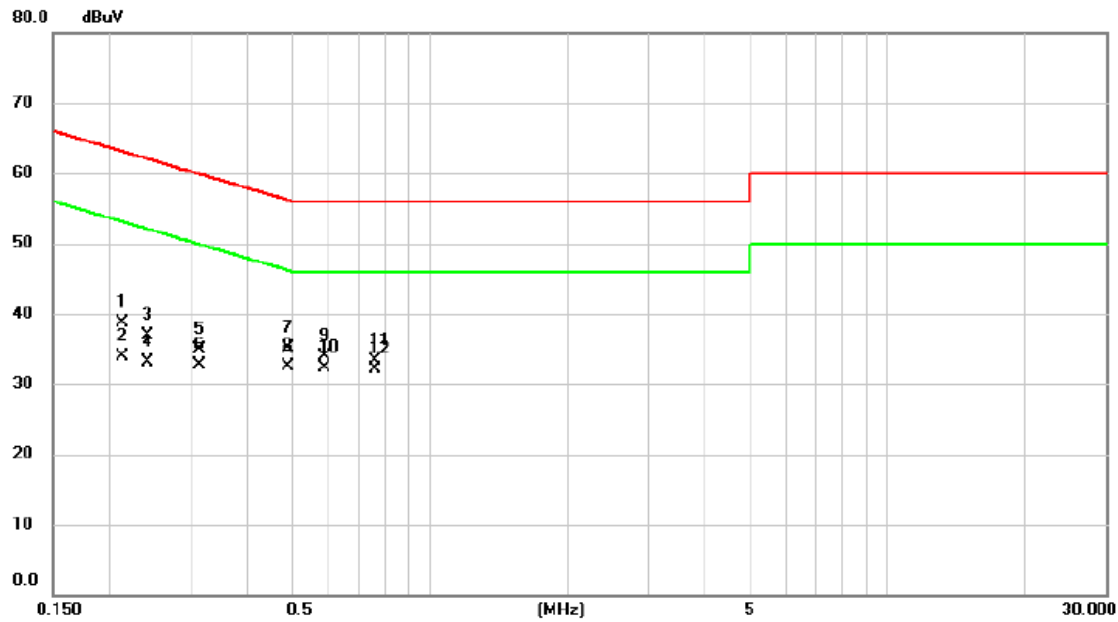


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1768	32.90	9.63	42.53	64.63	-22.10	QP	
2		0.1768	25.63	9.63	35.26	54.63	-19.37	AVG	
3		0.2413	28.11	9.63	37.74	62.05	-24.31	QP	
4		0.2413	23.86	9.63	33.49	52.05	-18.56	AVG	
5		0.4167	25.19	9.63	34.82	57.51	-22.69	QP	
6		0.4167	22.88	9.63	32.51	47.51	-15.00	AVG	
7		0.4790	25.26	9.64	34.90	56.36	-21.46	QP	
8		0.4790	22.94	9.64	32.58	46.36	-13.78	AVG	
9		0.5900	24.46	9.65	34.11	56.00	-21.89	QP	
10	*	0.5900	22.59	9.65	32.24	46.00	-13.76	AVG	
11		0.6890	23.95	9.66	33.61	56.00	-22.39	QP	
12		0.6890	22.54	9.66	32.20	46.00	-13.80	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	Idle	Tested Date	2024/5/31
Test Frequency	-	Phase	Line

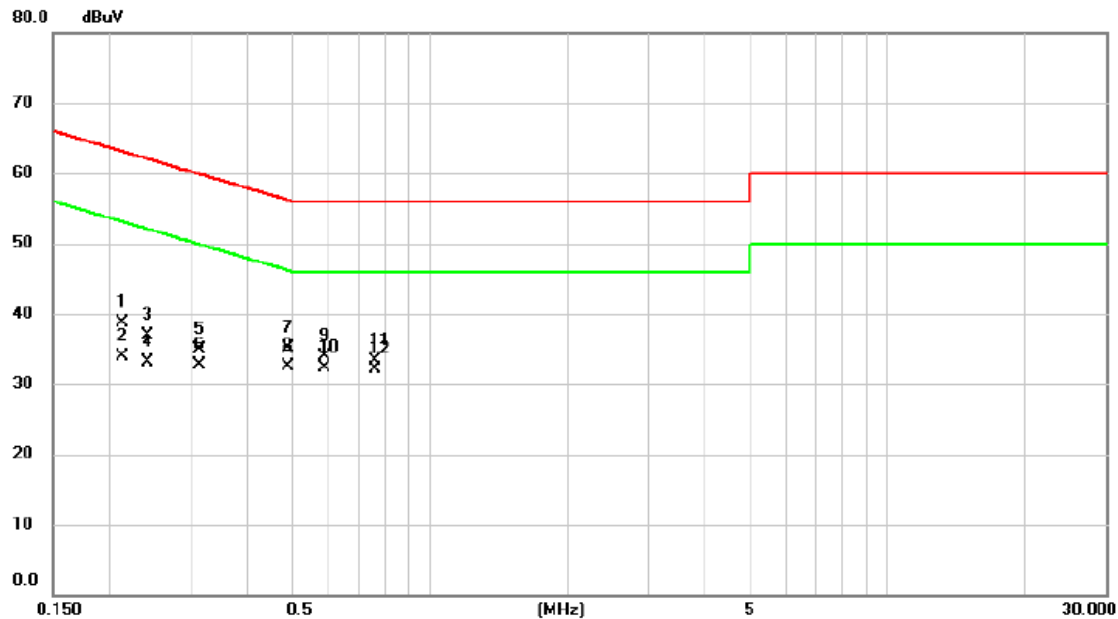


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2123	29.06	9.64	38.70	63.11	-24.41	QP	
2		0.2123	24.22	9.64	33.86	53.11	-19.25	AVG	
3		0.2424	27.25	9.64	36.89	62.01	-25.12	QP	
4		0.2424	23.56	9.64	33.20	52.01	-18.81	AVG	
5		0.3144	25.27	9.65	34.92	59.85	-24.93	QP	
6		0.3144	22.99	9.65	32.64	49.85	-17.21	AVG	
7		0.4900	25.43	9.66	35.09	56.17	-21.08	QP	
8	*	0.4900	22.93	9.66	32.59	46.17	-13.58	AVG	
9		0.5900	24.16	9.67	33.83	56.00	-22.17	QP	
10		0.5900	22.56	9.67	32.23	46.00	-13.77	AVG	
11		0.7610	23.62	9.68	33.30	56.00	-22.70	QP	
12		0.7610	22.51	9.68	32.19	46.00	-13.81	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

est Mode	Idle	Tested Date	2024/5/31
Test Frequency	-	Phase	Neutral



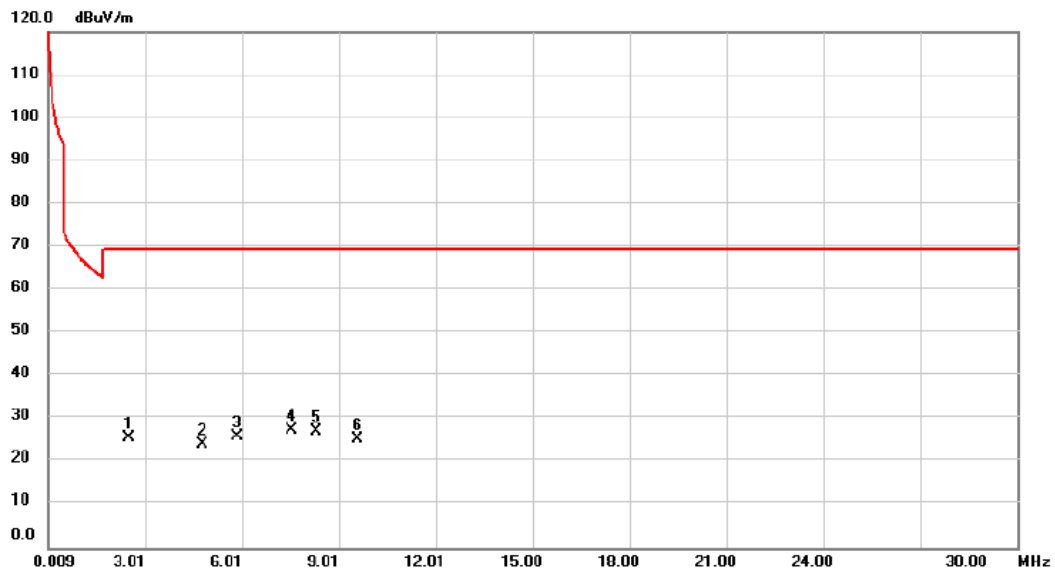
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.2123	29.06	9.64	38.70	63.11	-24.41	QP	
2	0.2123	24.22	9.64	33.86	53.11	-19.25	AVG	
3	0.2424	27.25	9.64	36.89	62.01	-25.12	QP	
4	0.2424	23.56	9.64	33.20	52.01	-18.81	AVG	
5	0.3144	25.27	9.65	34.92	59.85	-24.93	QP	
6	0.3144	22.99	9.65	32.64	49.85	-17.21	AVG	
7	0.4900	25.43	9.66	35.09	56.17	-21.08	QP	
8 *	0.4900	22.93	9.66	32.59	46.17	-13.58	AVG	
9	0.5900	24.16	9.67	33.83	56.00	-22.17	QP	
10	0.5900	22.56	9.67	32.23	46.00	-13.77	AVG	
11	0.7610	23.62	9.68	33.30	56.00	-22.70	QP	
12	0.7610	22.51	9.68	32.19	46.00	-13.81	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	BLE (1 Mbps)	Test Date	2024/6/20
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

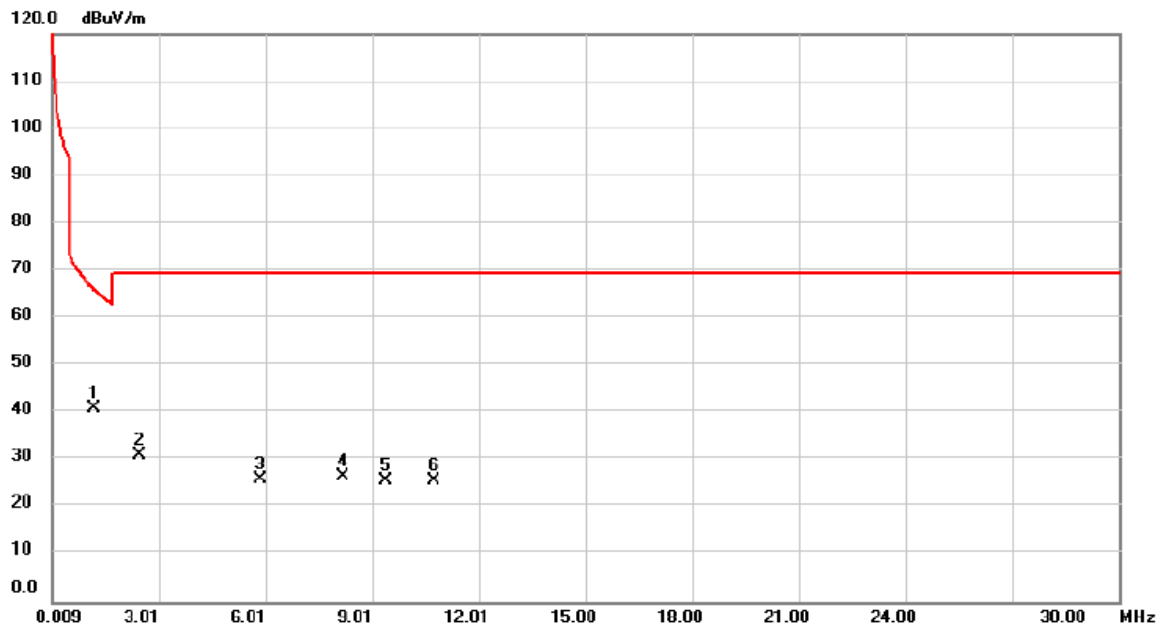


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2.5282	29.97	-4.37	25.60	69.54	-43.94	peak		
2		4.7776	29.85	-5.64	24.21	69.54	-45.33	peak		
3		5.8572	30.24	-4.35	25.89	69.54	-43.65	peak		
4	*	7.5367	31.26	-3.78	27.48	69.54	-42.06	peak		
5		8.3165	30.99	-3.89	27.10	69.54	-42.44	peak		
6		9.6061	29.46	-4.13	25.33	69.54	-44.21	peak		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/20
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	1.2086	42.46	-1.42	41.04	65.96	-24.92	peak		
2		2.4682	35.45	-4.29	31.16	69.54	-38.38	peak		
3		5.8872	30.33	-4.31	26.02	69.54	-43.52	peak		
4		8.1965	30.43	-3.85	26.58	69.54	-42.96	peak		
5		9.3962	29.90	-4.12	25.78	69.54	-43.76	peak		
6		10.7458	29.72	-4.19	25.53	69.54	-44.01	peak		

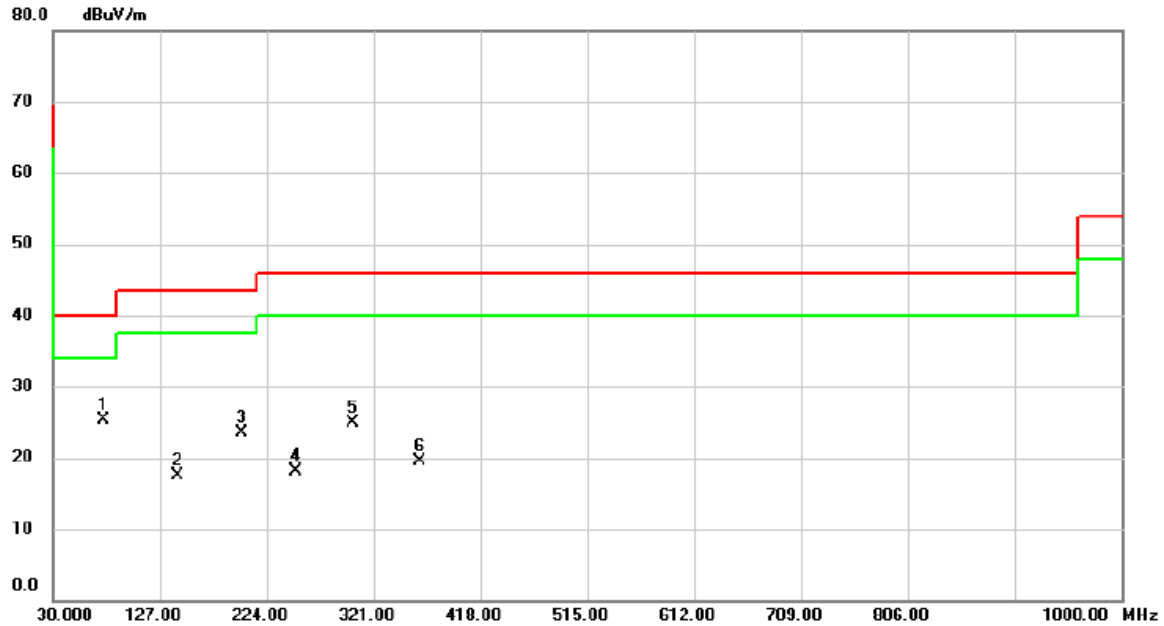
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	BLE (1 Mbps)	Test Date	2024/6/12
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

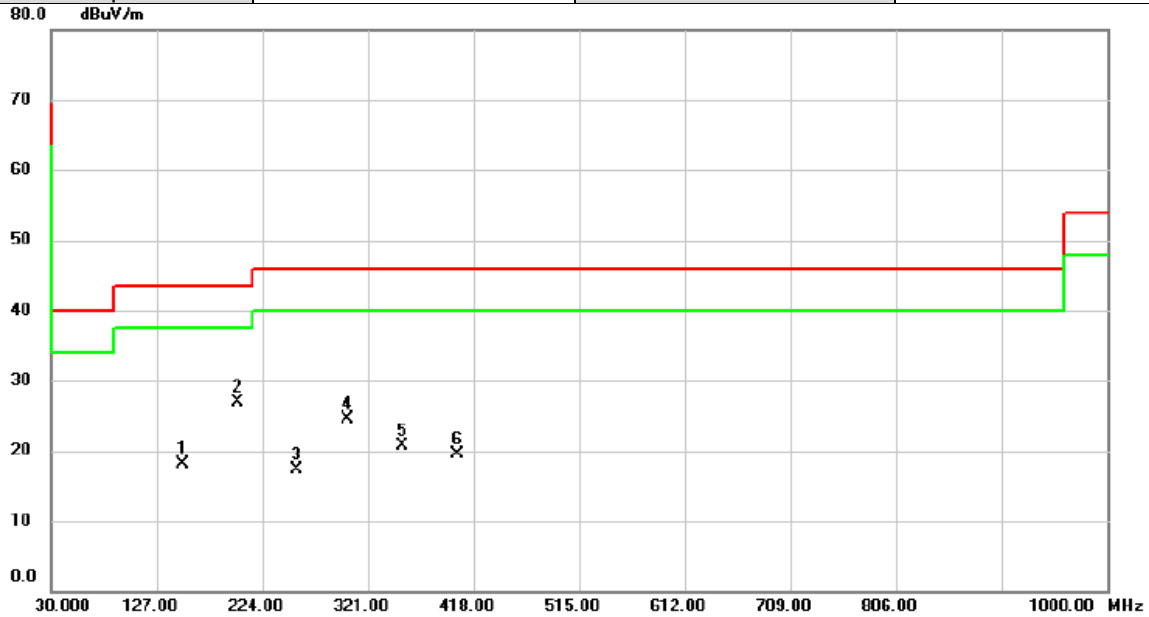


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	75.5900	40.42	-15.04	25.38	40.00	-14.62	peak	100	328
2		143.4900	29.25	-11.67	17.58	43.50	-25.92	peak	200	0
3		200.7200	37.69	-14.24	23.45	43.50	-20.05	peak	100	184
4		250.1900	30.06	-11.99	18.07	46.00	-27.93	peak	200	179
5		301.6000	35.10	-10.21	24.89	46.00	-21.11	peak	200	192
6		362.7100	27.99	-8.56	19.43	46.00	-26.57	peak	100	100

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/12
Test Frequency	2402MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



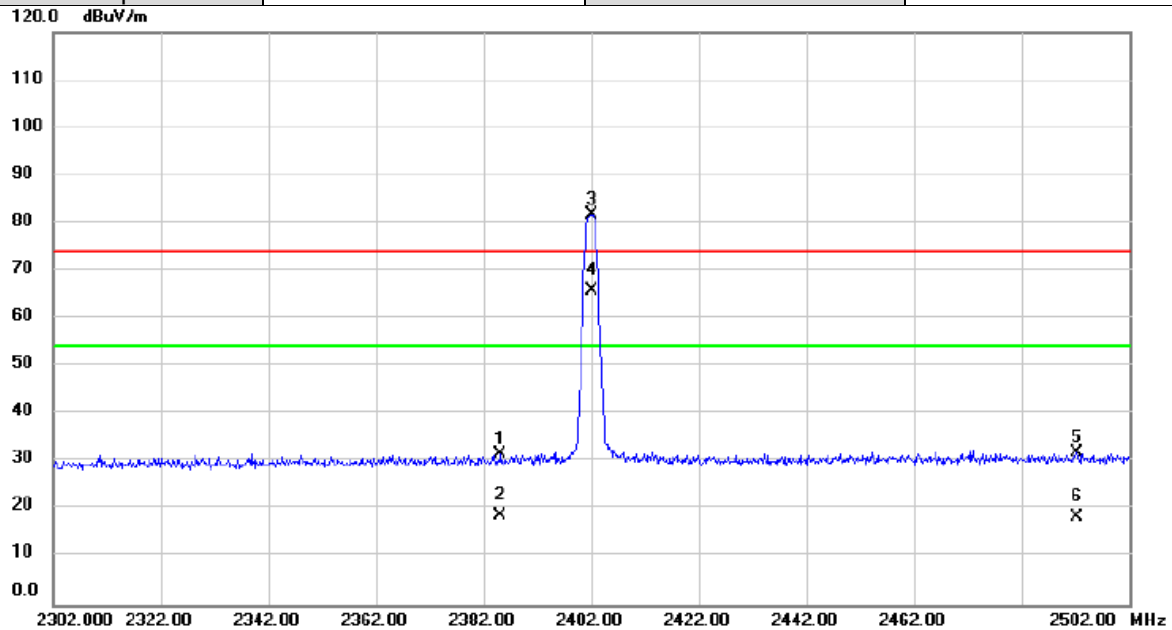
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		151.2500	29.27	-11.11	18.16	43.50	-25.34	peak	200	214
2	*	201.6900	41.23	-14.23	27.00	43.50	-16.50	peak	100	165
3		256.0100	29.14	-11.82	17.32	46.00	-28.68	peak	100	224
4		301.6000	34.71	-10.21	24.50	46.00	-21.50	peak	100	214
5		352.0400	29.51	-8.86	20.65	46.00	-25.35	peak	100	192
6		402.4800	26.86	-7.41	19.45	46.00	-26.55	peak	200	72

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

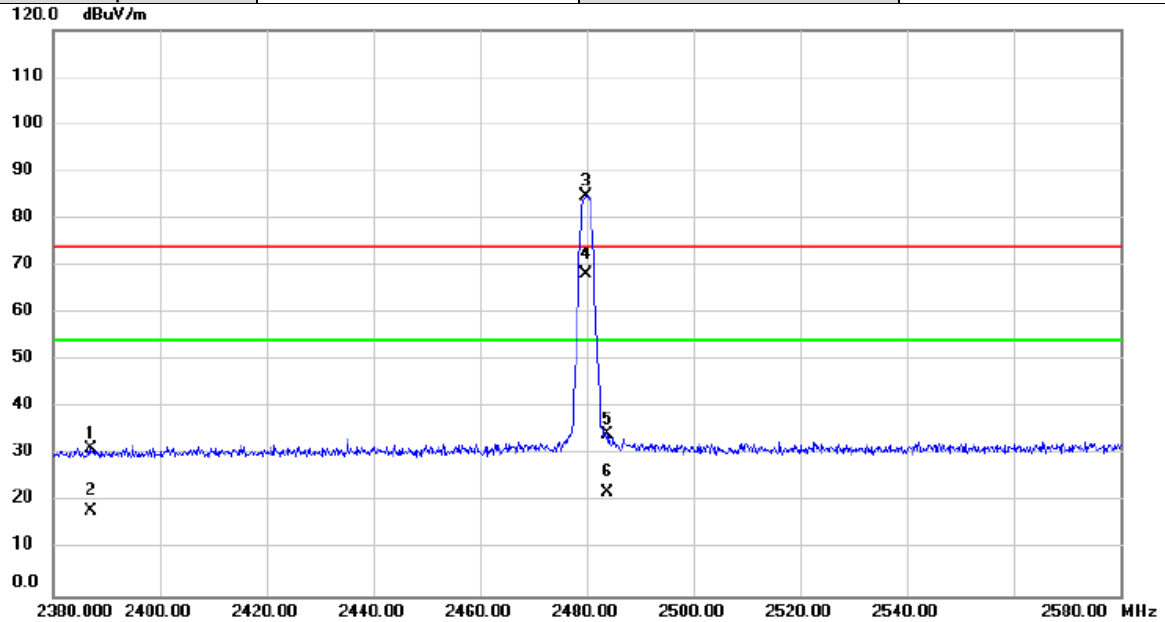


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		2385.200	37.88	-6.13	31.75	74.00	-42.25	peak		
2		2385.200	24.99	-6.13	18.86	54.00	-35.14	AVG		
3	X	2402.200	87.77	-6.09	81.68	74.00	7.68	peak		No Limit
4	*	2402.200	71.96	-6.09	65.87	54.00	11.87	AVG		No Limit
5		2492.200	37.82	-5.90	31.92	74.00	-42.08	peak		
6		2492.200	24.45	-5.90	18.55	54.00	-35.45	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

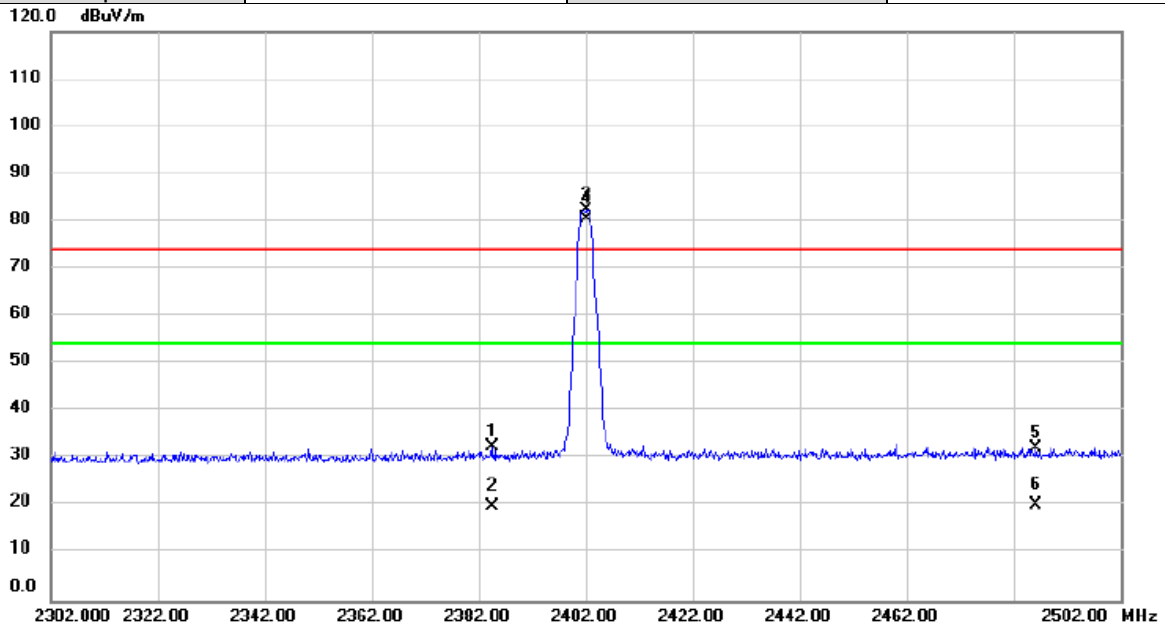


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2387.000	37.63	-6.13	31.50	74.00	-42.50	peak		
2		2387.000	24.32	-6.13	18.19	54.00	-35.81	AVG		
3	X	2479.800	90.56	-5.92	84.64	74.00	10.64	peak		No Limit
4	*	2479.800	74.19	-5.92	68.27	54.00	14.27	AVG		No Limit
5		2483.800	40.37	-5.92	34.45	74.00	-39.55	peak		
6		2483.800	27.99	-5.92	22.07	54.00	-31.93	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



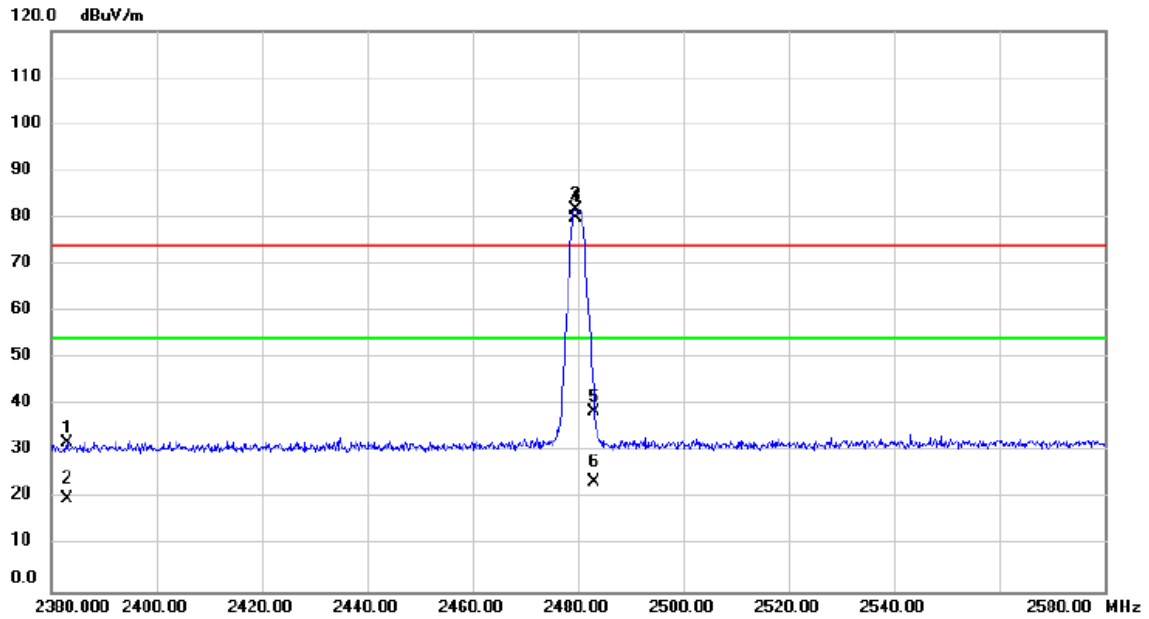
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2384.400	38.66	-6.13	32.53	74.00	-41.47	peak		
2		2384.400	26.17	-6.13	20.04	54.00	-33.96	AVG		
3	X	2402.000	88.33	-6.09	82.24	74.00	8.24	peak		No Limit
4	*	2402.000	86.65	-6.09	80.56	54.00	26.56	AVG		No Limit
5		2486.200	38.26	-5.91	32.35	74.00	-41.65	peak		
6		2486.200	26.17	-5.91	20.26	54.00	-33.74	AVG		

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

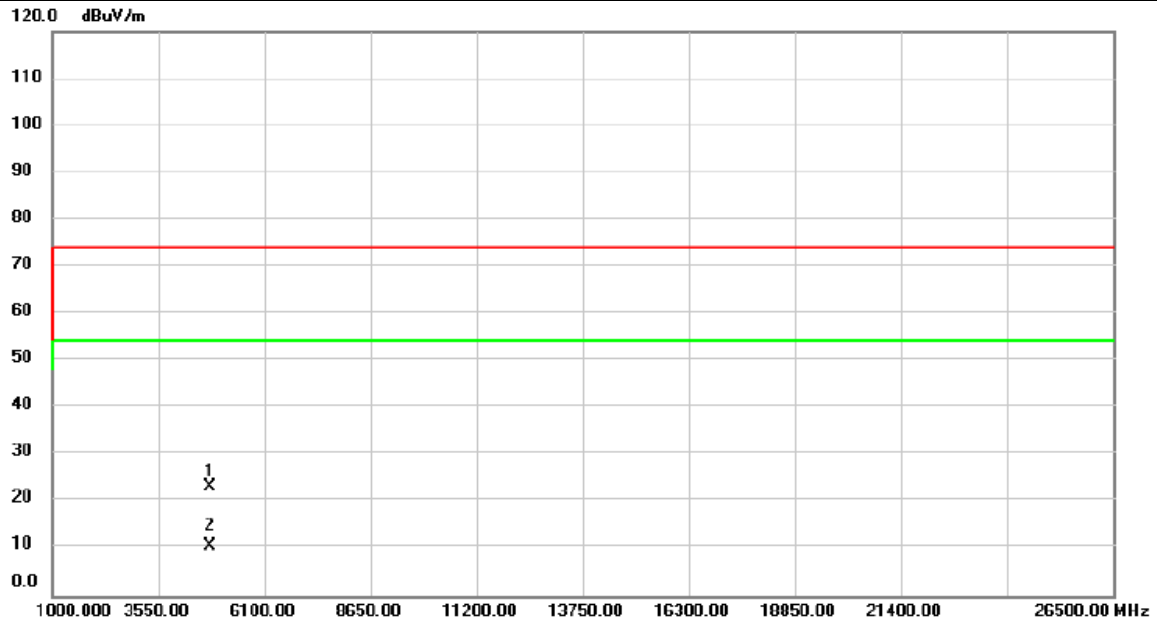


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2383.000	38.16	-6.13	32.03	74.00	-41.97	peak			
2		2383.000	26.14	-6.13	20.01	54.00	-33.99	AVG			
3	X	2479.600	87.56	-5.92	81.64	74.00	7.64	peak			No Limit
4	*	2479.600	85.82	-5.92	79.90	54.00	25.90	AVG			No Limit
5		2483.200	44.61	-5.92	38.69	74.00	-35.31	peak			
6		2483.200	29.49	-5.92	23.57	54.00	-30.43	AVG			

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

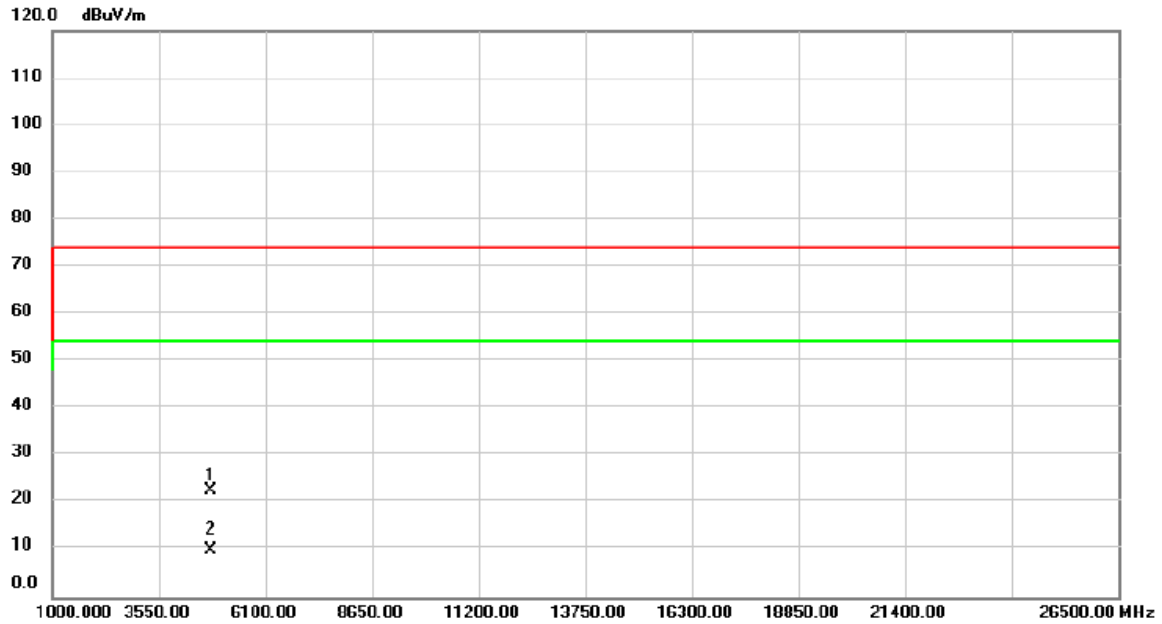


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4804.000	31.72	-8.62	23.10	74.00	-50.90	peak		
2	*	4804.000	19.15	-8.62	10.53	54.00	-43.47	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

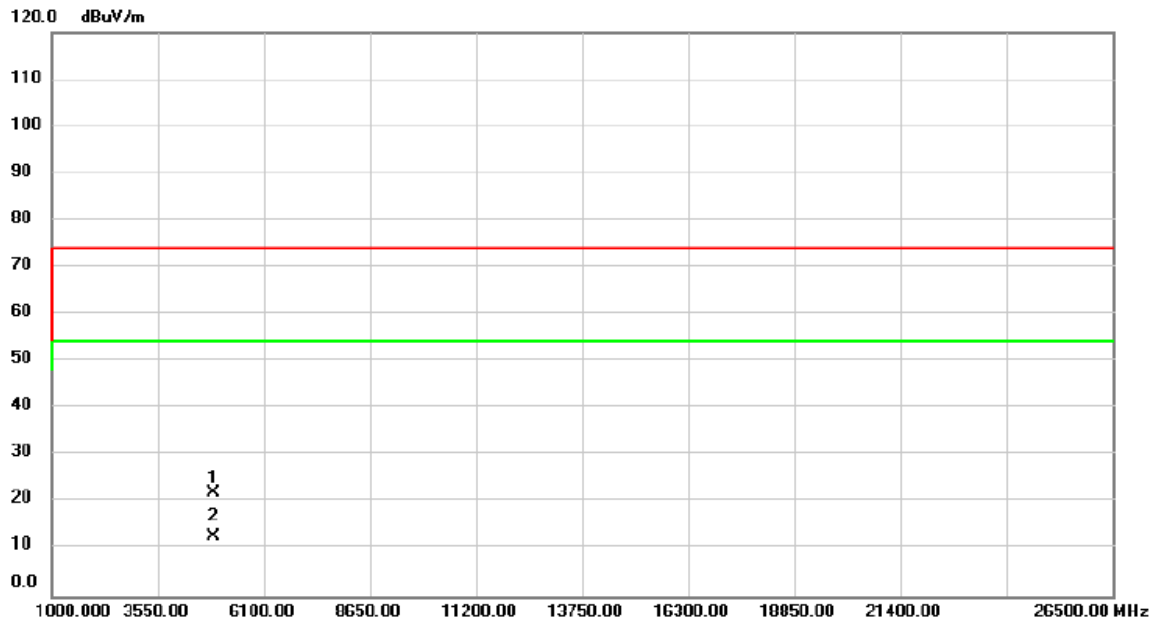


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4804.000	31.29	-8.62	22.67	74.00	-51.33	peak		
2	*	4804.000	18.76	-8.62	10.14	54.00	-43.86	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2440MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

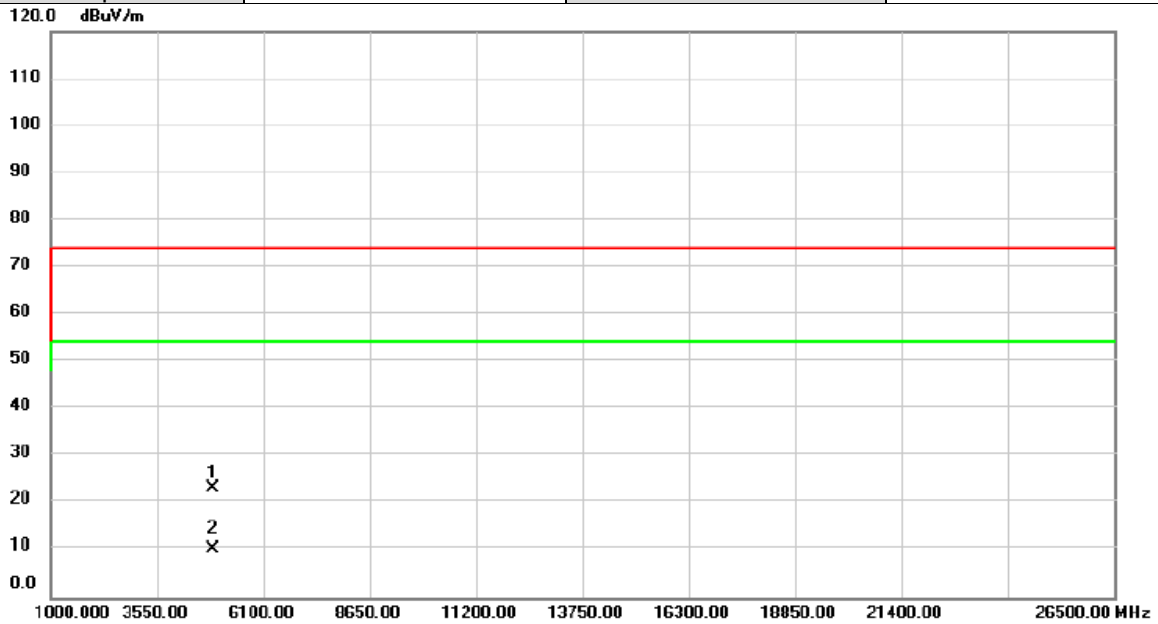


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4880.000	30.46	-8.43	22.03	74.00	-51.97			peak
2	*	4880.000	21.21	-8.43	12.78	54.00	-41.22			AVG

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2440MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

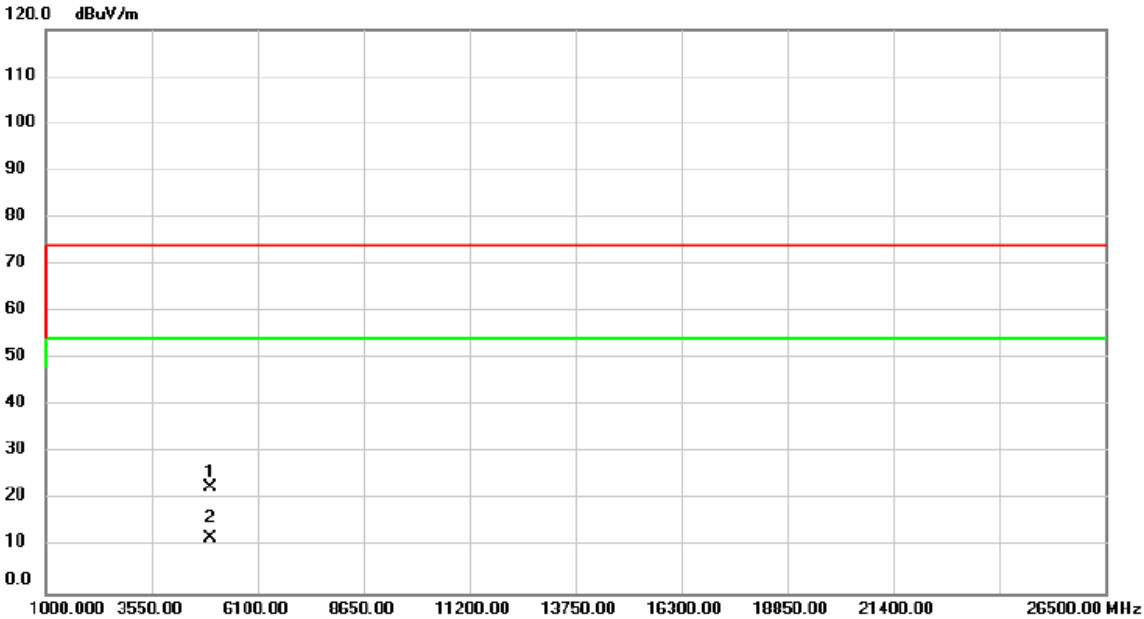


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4880.000	31.55	-8.43	23.12	74.00	-50.88	peak		
2	*	4880.000	18.75	-8.43	10.32	54.00	-43.68	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

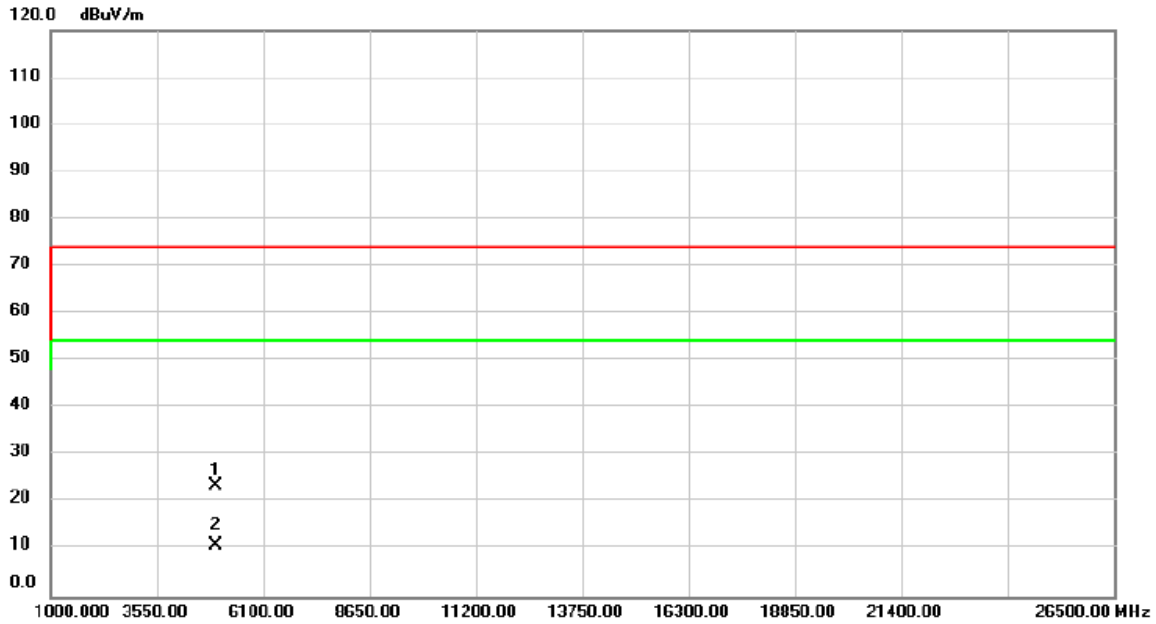
Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4960.000	31.02	-8.23	22.79	74.00	-51.21	peak		
2	*	4960.000	20.17	-8.23	11.94	54.00	-42.06	AVG		

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (1 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

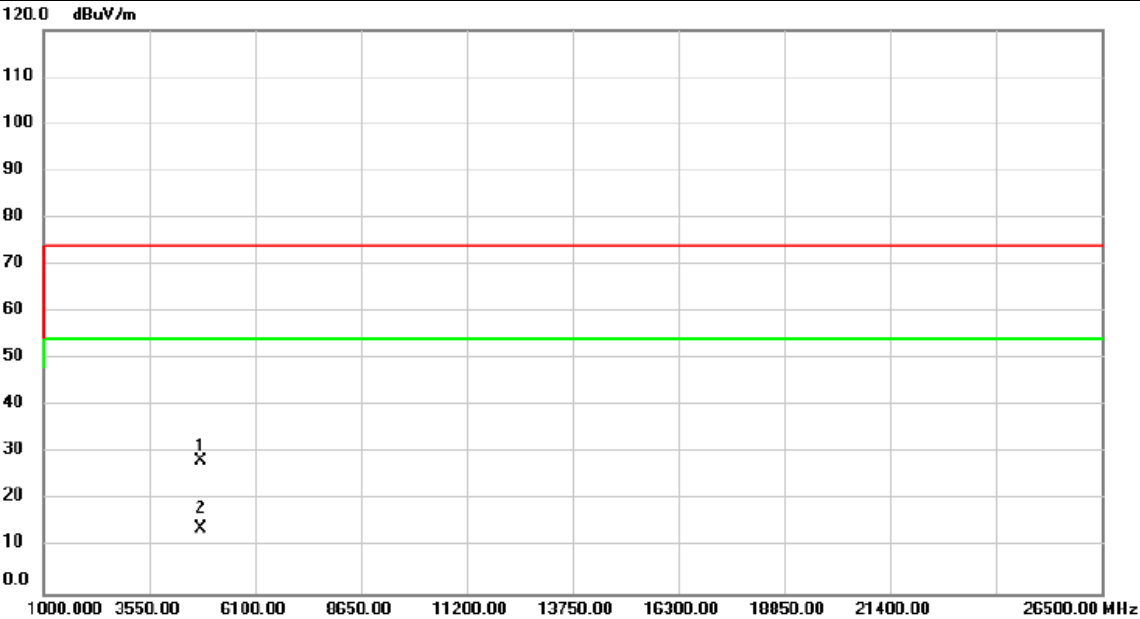


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4960.000	31.74	-8.23	23.51	74.00	-50.49	peak		
2	*	4960.000	19.12	-8.23	10.89	54.00	-43.11	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

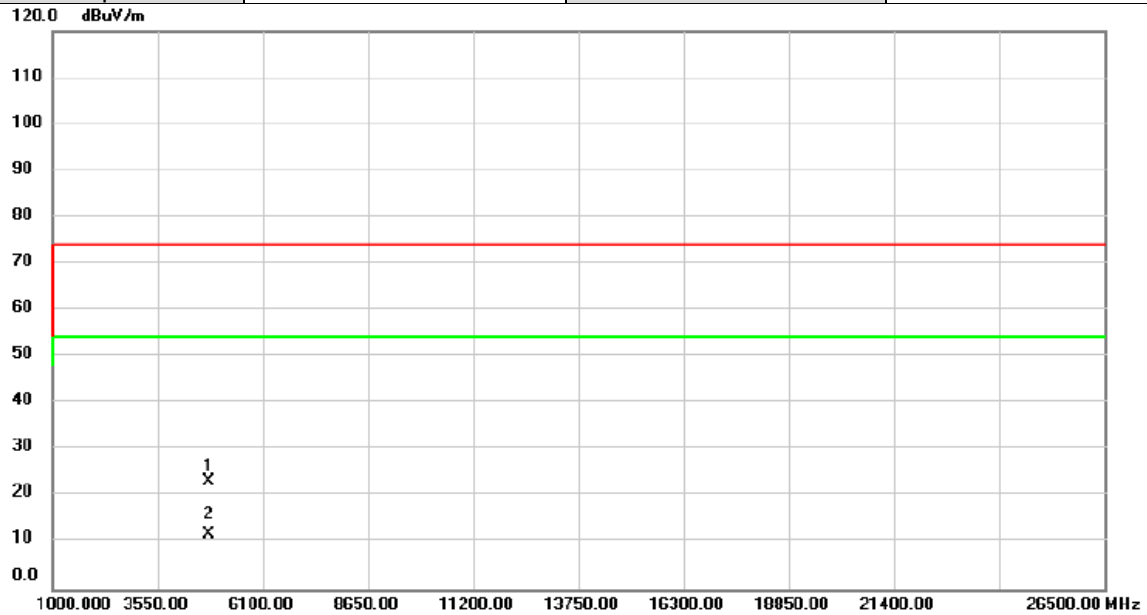
Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4774.000	36.91	-8.70	28.21	74.00	-45.79	peak		
2	*	4774.000	22.77	-8.70	14.07	54.00	-39.93	AVG		

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2402MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

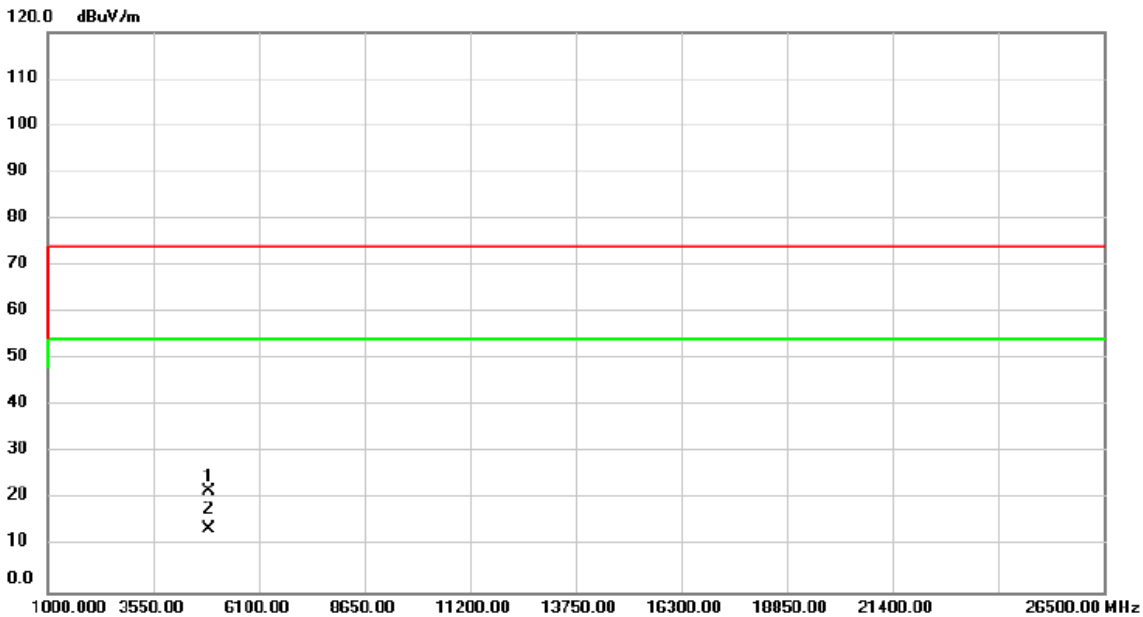


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4804.000	31.76	-8.62	23.14	74.00	-50.86	peak		
2	*	4804.000	20.59	-8.62	11.97	54.00	-42.03	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

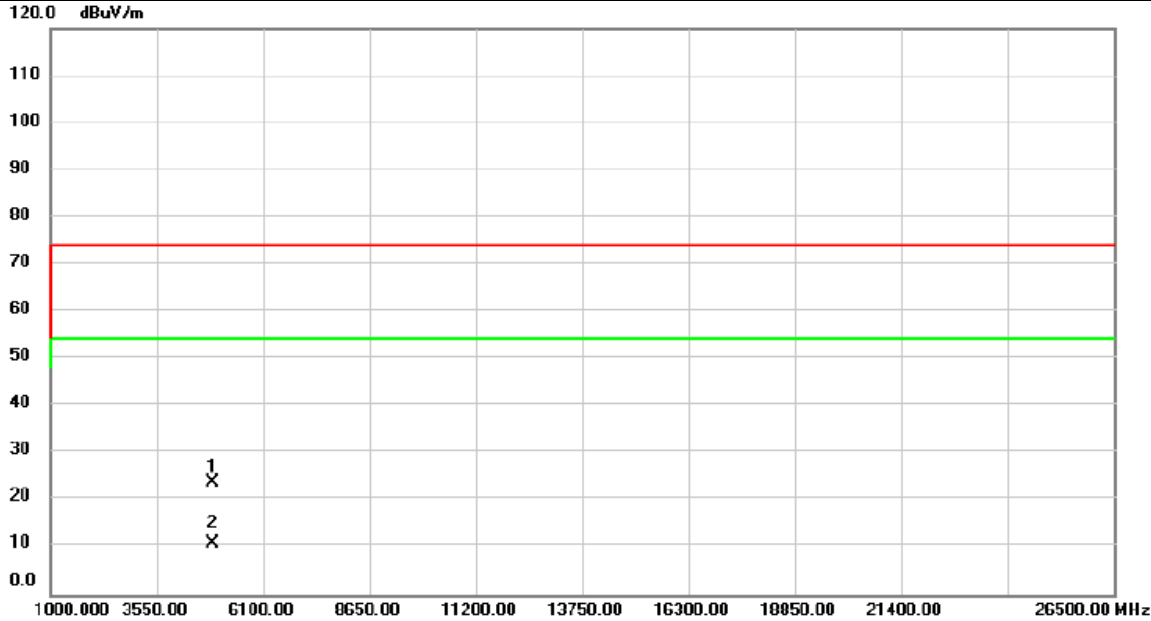
Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2440MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4880.000	30.12	-8.43	21.69	74.00	-52.31	peak		
2	*	4880.000	22.19	-8.43	13.76	54.00	-40.24	AVG		

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

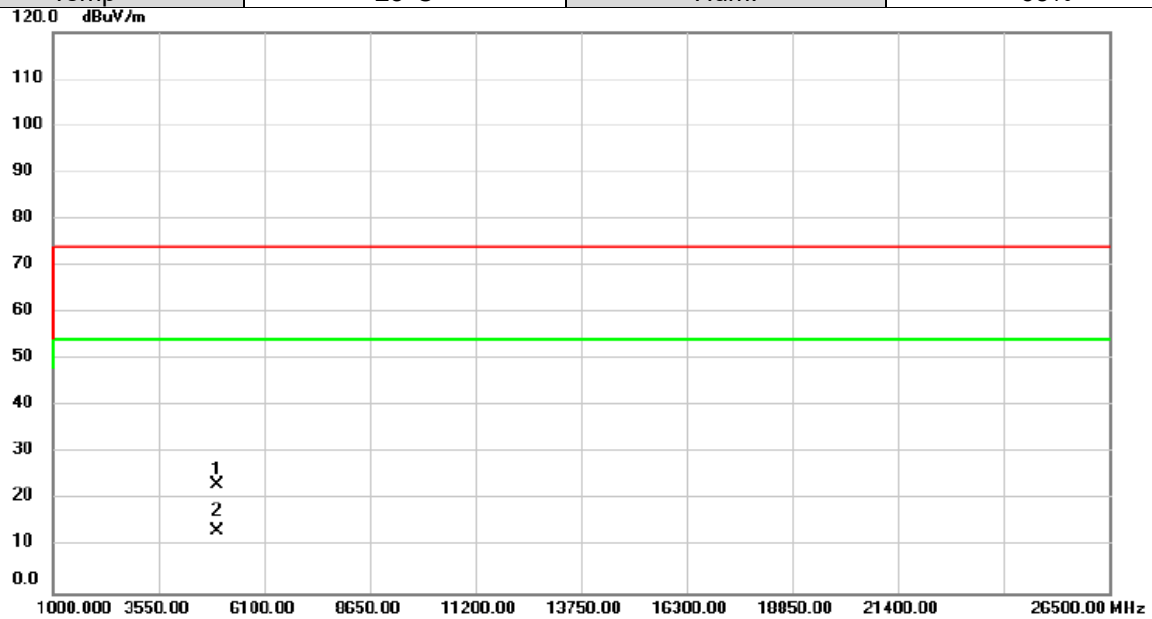
Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2440MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4880.000	32.43	-8.43	24.00	74.00	-50.00	peak		
2	*	4880.000	19.35	-8.43	10.92	54.00	-43.08	AVG		

REMARKS:
 (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4960.000	31.44	-8.23	23.21	74.00	-50.79	peak		
2	*	4960.000	21.47	-8.23	13.24	54.00	-40.76	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	BLE (2 Mbps)	Test Date	2024/6/11
Test Frequency	2480MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4960.000	30.98	-8.23	22.75	74.00	-51.25	peak		
2	*	4960.000	20.78	-8.23	12.55	54.00	-41.45	AVG		

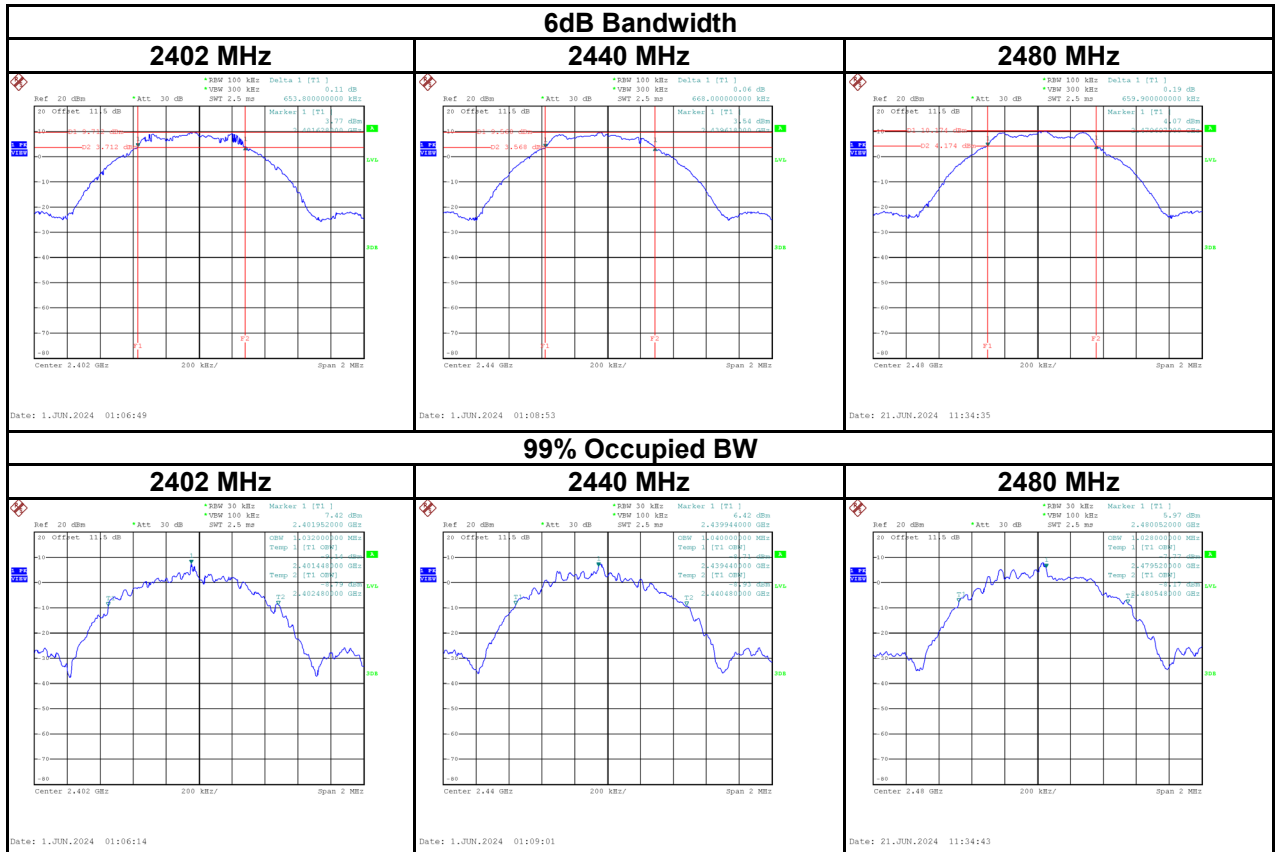
REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E BANDWIDTH

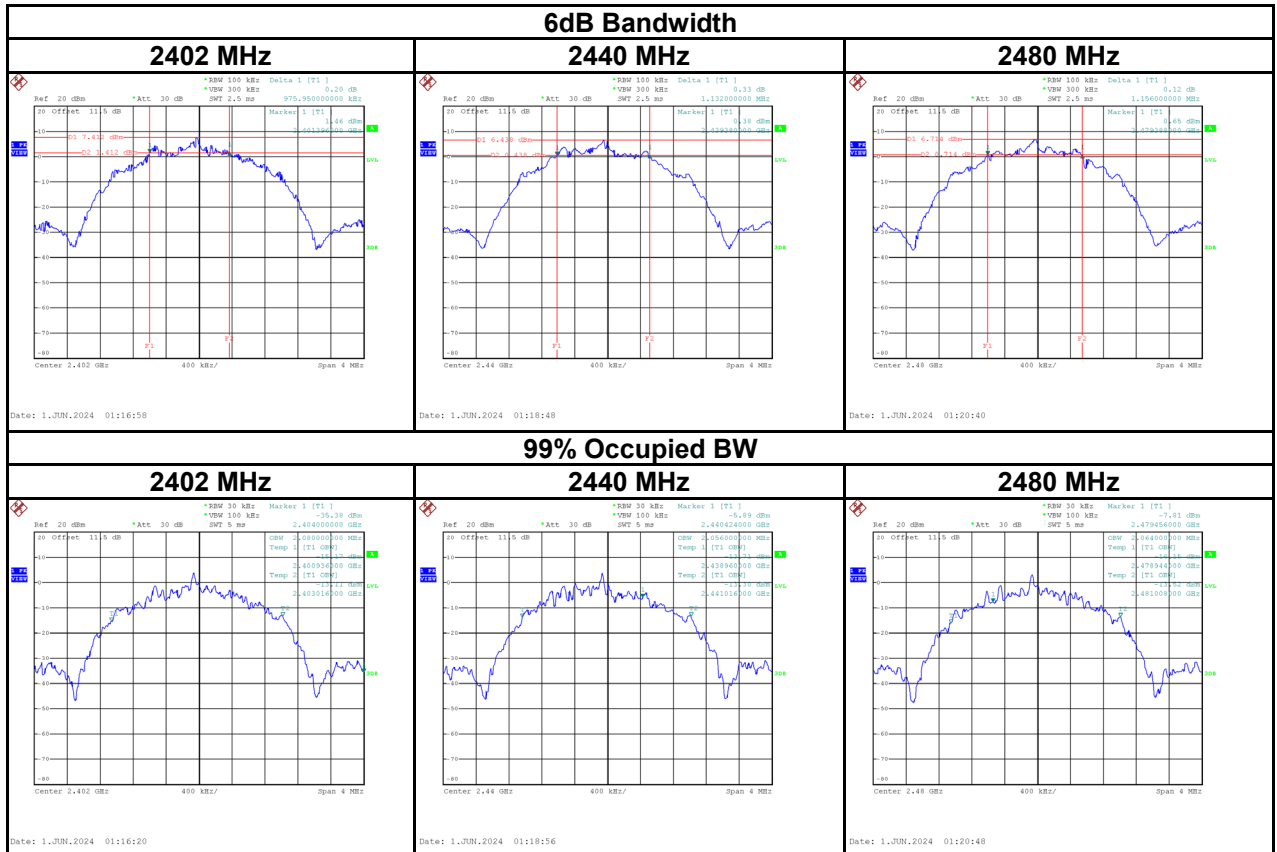
Test Mode: BLE (1 Mbps)

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.654	1.032	500	Pass
2440	6.680	1.040	500	Pass
2480	0.660	1.028	500	Pass



Test Mode: BLE (2 Mbps)

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.976	2.080	500	Pass
2440	1.132	2.056	500	Pass
2480	1.156	2.064	500	Pass



APPENDIX F OUTPUT POWER

Test Mode :	BLE (1 Mbps)	Tested Date	2024/5/30
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	10.96	0.0125	30.00	1.0000	Pass
2440	10.77	0.0119	30.00	1.0000	Pass
2480	10.46	0.0111	30.00	1.0000	Pass

Test Mode :	BLE (2 Mbps)	Tested Date	2024/5/30
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	7.74	0.0059	30.00	1.0000	Pass
2440	7.45	0.0056	30.00	1.0000	Pass
2480	6.96	0.0050	30.00	1.0000	Pass

Test Mode :	BLE (500 kbps)	Tested Date	2024/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	10.80	0.0120	30.00	1.0000	Pass
2440	10.84	0.0121	30.00	1.0000	Pass
2480	10.41	0.0110	30.00	1.0000	Pass

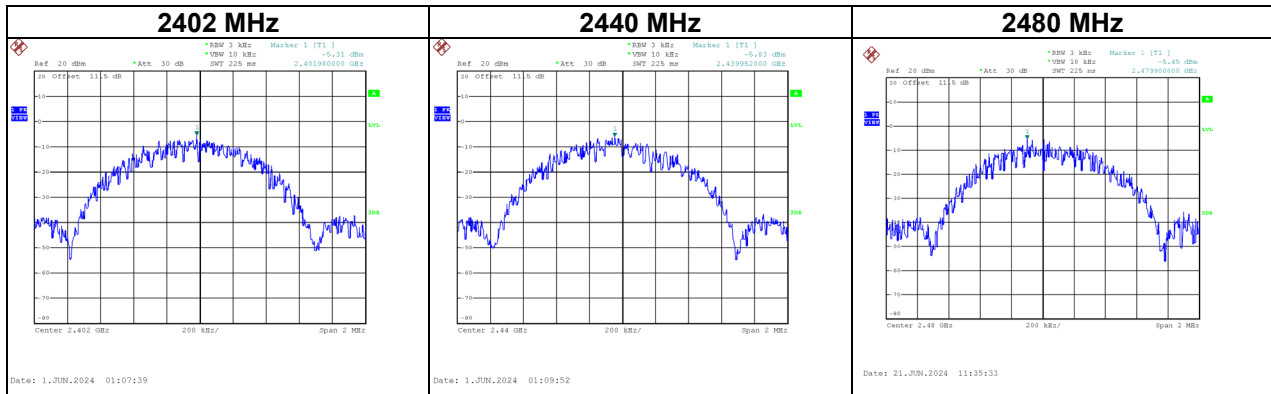
Test Mode :	BLE (125 kbps)	Tested Date	2024/6/21
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	10.51	0.0112	30.00	1.0000	Pass
2440	10.34	0.0108	30.00	1.0000	Pass
2480	10.12	0.0103	30.00	1.0000	Pass

APPENDIX G POWER SPECTRAL DENSITY TEST

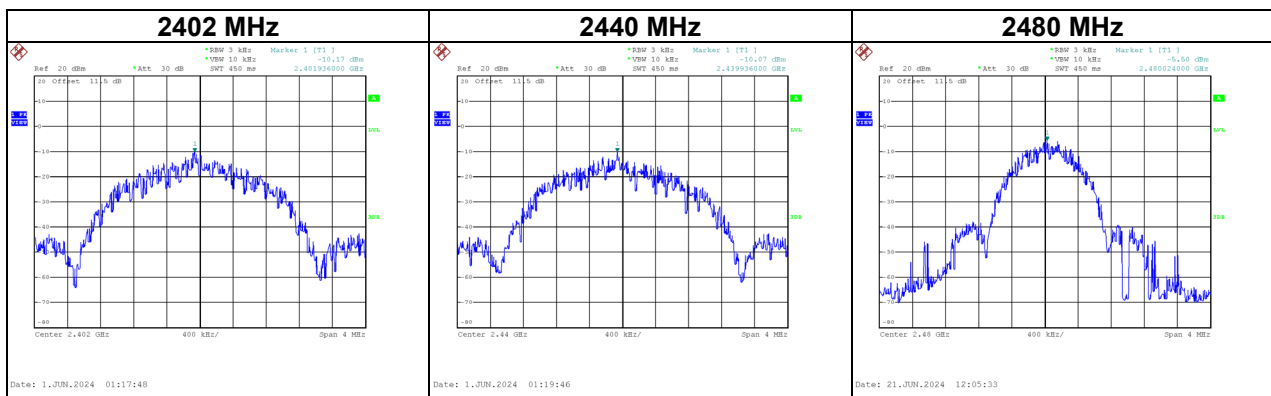
Test Mode : BLE (1 Mbps)

Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-5.31	8	Pass
2440	-5.83	8	Pass
2480	-5.45	8	Pass



Test Mode : BLE (2 Mbps)

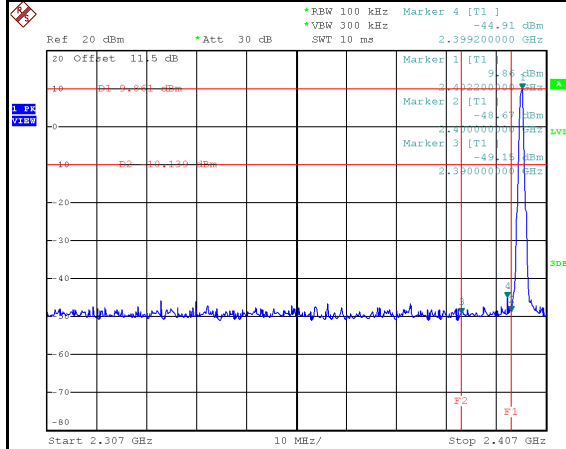
Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-10.17	8	Pass
2440	-10.07	8	Pass
2480	-5.50	8	Pass



APPENDIX H ANTENNA CONDUCTED SPURIOUS EMISSION

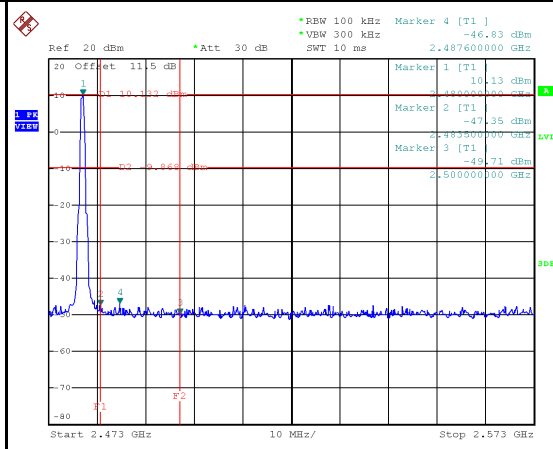
Test Mode : BLE (1 Mbps)

Low Bandedge-2402 MHz



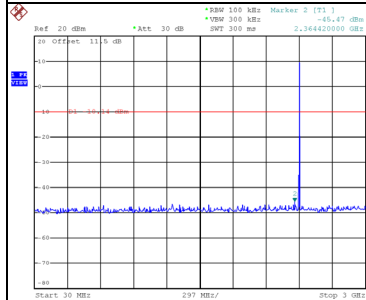
Date: 1.JUN.2024 01:06:58

High Bandedge-2480 MHz

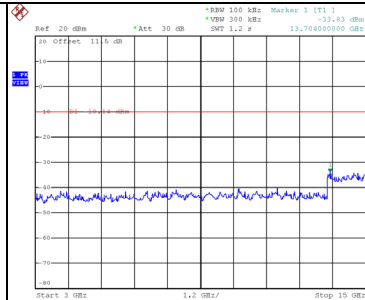


Date: 21.JUN.2024 11:34:52

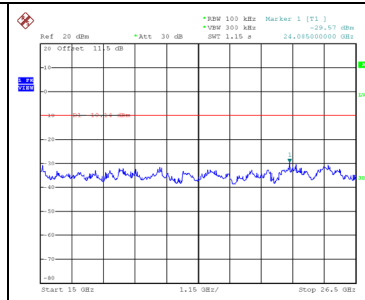
2402 MHz – 10th Harmonics



Date: 1.JUN.2024 01:07:13

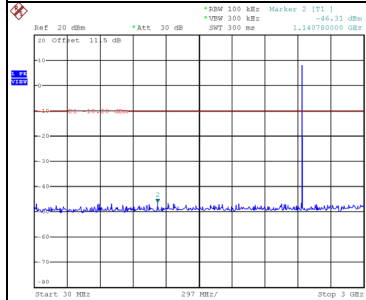


Date: 1.JUN.2024 01:07:22

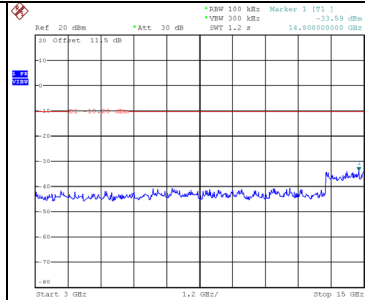


Date: 1.JUN.2024 01:07:32

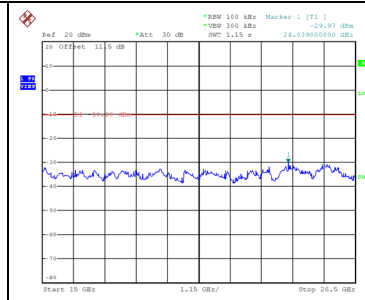
2440 MHz – 10th Harmonics



Date: 1.JUN.2024 01:08:26

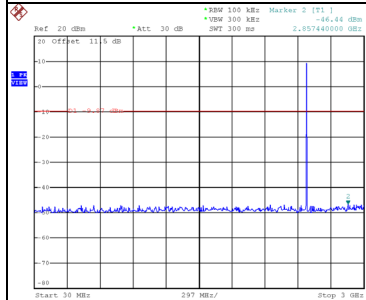


Date: 1.JUN.2024 01:09:35

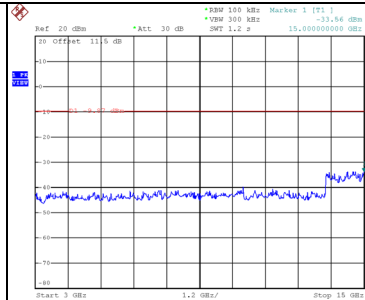


Date: 1.JUN.2024 01:09:44

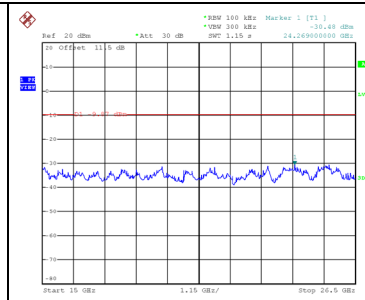
2480 MHz – 10th Harmonics



Date: 21.JUN.2024 11:35:07



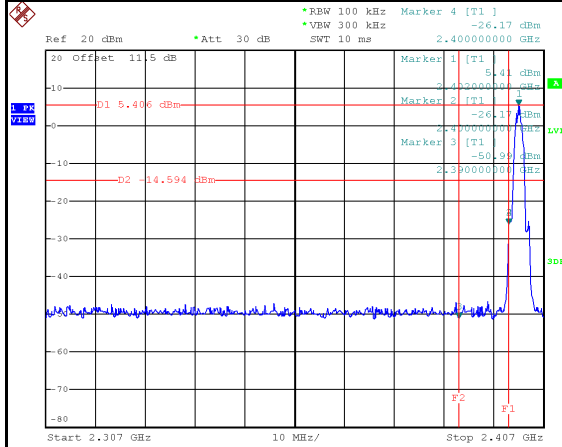
Date: 21.JUN.2024 11:35:16



Date: 21.JUN.2024 11:35:25

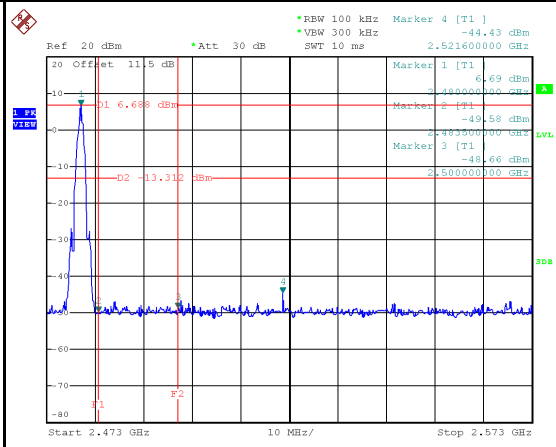
Test Mode : BLE (2 Mbps)

Low Bandedge-2402 MHz



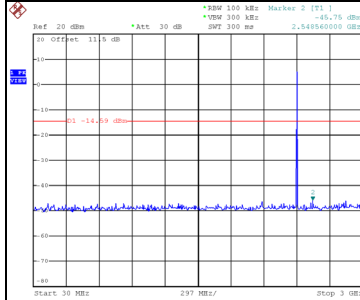
Date: 1.JUN.2024 01:17:07

High Bandedge-2480 MHz

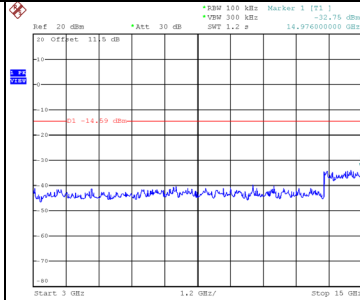


Date: 1.JUN.2024 01:20:57

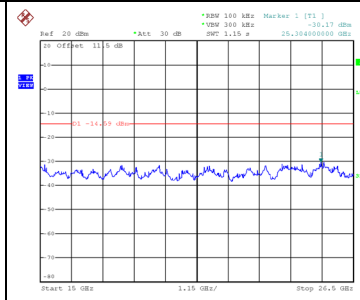
2402 MHz – 10th Harmonics



Date: 1.JUN.2024 01:17:22

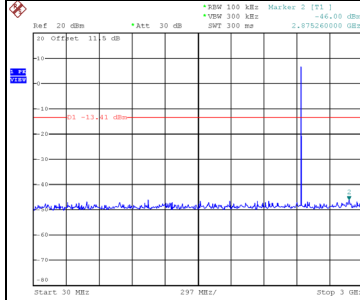


Date: 1.JUN.2024 01:17:31

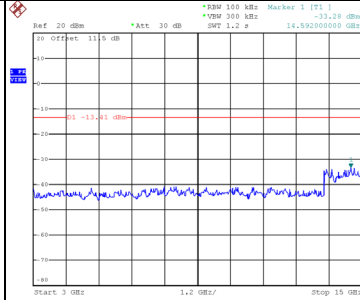


Date: 1.JUN.2024 01:17:41

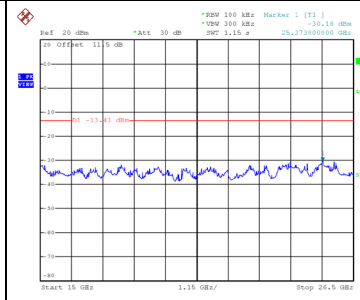
2440 MHz – 10th Harmonics



Date: 1.JUN.2024 01:19:20

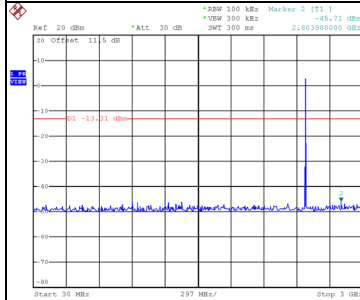


Date: 1.JUN.2024 01:19:29

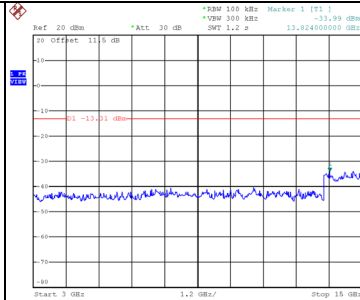


Date: 1.JUN.2024 01:19:39

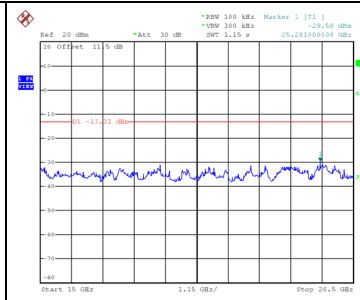
2480 MHz – 10th Harmonics



Date: 1.JUN.2024 01:21:12



Date: 1.JUN.2024 01:21:21



Date: 1.JUN.2024 01:21:31

End of Test Report