

Project No: TM-2602000265P
Report No.: TMWK2603001432KR

FCC ID: JNZVR0050

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RADIO TEST REPORT

FCC 47 CFR PART 15 SUBPART C

Test Standard	FCC Part 15.247
Brand Name	logi, logitech, Logitech
Product name	Camera and Speakerphone
Model No.	VR0050
Test Result	Pass
Statements of Conformity	Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10-2020 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report.

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc.(Wugu Laboratory)

Approved by:

Sehni, Hu

Sehni Hu
Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	June 10, 2026	Initial Issue	ALL	Allison Chen



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1. GENERAL INFORMATION

1.1 EUT INFORMATION

Applicant	Logitech Far East Ltd. #2 Creation Rd. 4, Science-Based Ind. Park Hsinchu Taiwan
Manufacturer	Logitech Europe S.A. EPFL – Quartier de l'Innovation Daniel Borel Innovation Center,1015 Lausanne, Switzerland.
Equipment	Camera and Speakerphone
Model No.	VR0050
Model Discrepancy	N/A
Trade Name	logi, logitech, Logitech
Received Date	February 12, 2026
Date of Test	April 30 ~ June 01, 2026
Power Operation	Power from Adapter. Brand / Model: logi / HA-1151-19 I/P: 100-240Vac, 2.0A, 50-60Hz O/P: 19.5Vdc, 7.7A 150.0W
HW Version	PB2-2
SW Version	920.72

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

1.2 EUT CHANNEL INFORMATION

Frequency Range	2402MHz-2480MHz
Modulation Type	GFSK for BLE 1 Mbps GFSK for BLE 2 Mbps
Number of channel	40 Channels

Remark:

Refer as ANSI C63.10-2020 for test channels.

Number of frequencies to be tested		
Frequency range in which device operates	Number of frequencies	Location in frequency range of operation
☐ 1 MHz or less	1	Middle
☐ 1 MHz to 10 MHz	2	1 near top and 1 near bottom
☒ More than 10 MHz	3	1 near top, 1 near middle, and 1 near bottom

1.3 ANTENNA INFORMATION

Antenna Type	☐ PIFA ☒ PCB ☐ Dipole ☐ FPC Antenna
Antenna Gain	CH0: INPAQ / RFPCA531543IMLB901 Gain: 4.03 dBi
Antenna Connector	IPEX

Notes:

1. The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203.

1.4 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	± 2.37dB
Channel Bandwidth	± 2.85dB
RF output power (Spectrum)	± 2.74dB
RF output power (Power Meter + Power sensor)	± 0.27dB
Power Spectral density	± 2.74dB
Conducted Bandedge	± 2.74dB
Conducted Spurious Emission	± 2.74dB
Radiated Emission_9kHz-30MHz	± 2.750 dB
Radiated Emission_30MHz-200MHz	± 3.874 dB
Radiated Emission_200MHz-1GHz	± 4.065 dB
Radiated Emission_1GHz-6GHz	± 5.594 dB
Radiated Emission_6GHz-18GHz	± 5.556 dB
Radiated Emission_18GHz-26GHz	± 3.165 dB
Radiated Emission_26GHz-40GHz	± 3.216 dB

Remark:

- 1.This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.

1.5 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

CAB identifier: TW1309

Test site	Test Engineer	Remark
AC Conduction Room	Ben Yang	-
Radiation	Ben Yang, Tony Chao	-
RF Conducted	David Li	-

Remark: The lab has been recognized as the FCC accredited lab. under the KDB 974614 D01 and is listed in the FCC pubic Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309

1.6 INSTRUMENT CALIBRATION

Conducted_FCC/NCC (All)					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
EXA Signal Analyzer	Agilent	N9010A	MY53400256	2025-11-26	2026-11-25
Power Sensor	Anritsu	MA2411B	1911387	2025-08-21	2026-08-20
Power Sensor	Anritsu	MA2411B	1911386	2025-07-07	2026-07-06
Power Meter	Anritsu	ML2496A	2136002	2025-07-07	2026-07-06
Attenuator	Marvelous Microwave Inc	MVE2213-10	08	2025-11-06	2026-11-05
DC Blocks	Marvelous Microwave	MVE6411	MVE-001	2025-08-06	2026-08-05
Software	Radio Test Software Ver. 21				

966A_Radiated					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Signal Analyzer	Agilent	N9010A	MY52220817	2026-03-13	2027-03-12
Active Loop Antenna	COM-POWER	AL-130	121051	2026-02-04	2027-02-03
Thermo-Hygro Meter	HTC	HTC-1	HTC-D06	2025-05-26	2026-05-25
Bi-Log Antenna	Sunol Sciences	JB3	A030105&532	2025-06-26	2026-06-25
Preamplifier	EMEC	EM330	060609	2026-02-13	2027-02-12
Cable	Huber+Suhner	104PEA	20995+21000+182330	2025-08-06	2026-08-05
Horn Antenna	ETC	MCTD 1209	DRH13M02003	2025-12-19	2026-12-18
Preamplifier	HP	8449B	3008A00965	2025-12-17	2026-12-16
Cable	EMCI	EMC101G	1508S0193+230205+250412	2026-01-14	2027-01-13
Site Validation	CCS	966A	N/A	2025-06-12	2026-06-11
High Pass Filters	Titan Microwave	T04H30001800070S01	22011402-4	2025-06-03	2026-06-02
Pre-Amplifier	EMC	EMC184045SE	980860	2025-11-19	2026-11-18
Horn Antenna	SCHWARZBECK	BBHA9170	1047	2025-12-09	2026-12-08
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R
Software	e3 V9-210616c				

Remark:

- Each piece of equipment is scheduled for calibration once a year.
- N.C.R. = No Calibration Required.



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AC Mains Conduction					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI	100064	2025-06-02	2026-06-01
LISN	TESEQ	LN2-16N	22012	2026-02-04	2027-02-03
Cable	Woken	RFC-SMA-100-NMR-084SFL402	MFR-2Y194	2026-03-20	2027-03-19
Software	e3 V9-210616c				

Remark:

1. Each piece of equipment is scheduled for calibration once a year.
2. N.C.R. = No Calibration Required.



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1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

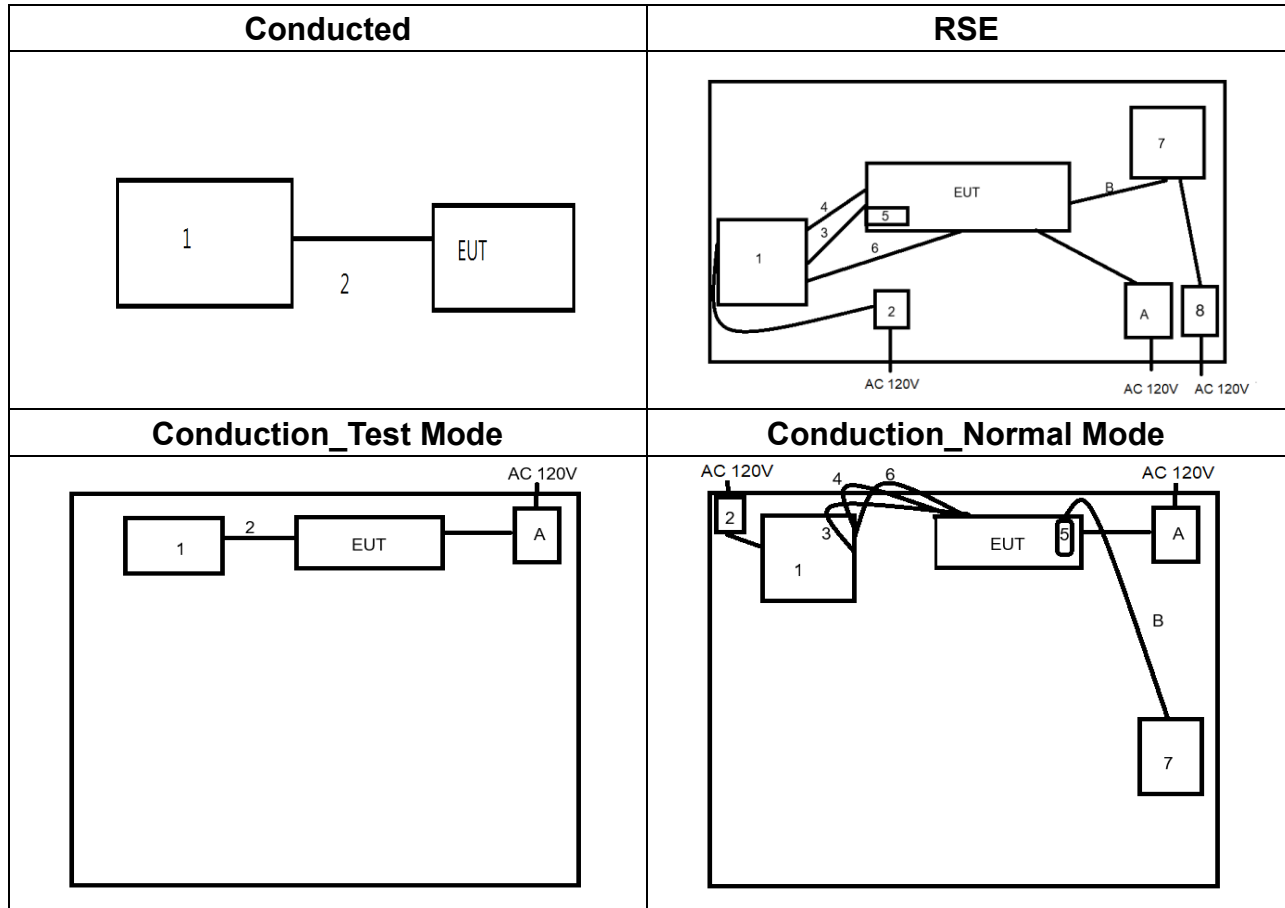
EUT Accessories Equipment					
No.	Equipment	Brand	Model	Series No.	FCC ID
	N/A				

Support Equipment (Conducted)					
No.	Equipment	Brand	Model	Series No.	FCC ID
1	NB(B)	Lenovo	T470	N/A	N/A
2	Type-C Cable	UGREEN	50997	N/A	N/A

Support Equipment (RSE)					
No.	Equipment	Brand	Model	Series No.	FCC ID
1	NB	Lenovo	ThinkPad X260	N/A	N/A
2	Adapter	Lenovo	ADLX45DLC3A	N/A	N/A
3	Type-C Cable	Xiao mi	SJX10ZM	N/A	N/A
4	RJ45	atake	AC6-FL10	N/A	N/A
5	USB	ADATA	C008	N/A	N/A
6	HDMI Cable	PX	HD2-2XC	N/A	N/A
7	Monitor	Lenovo	LED HDTV	N/A	N/A
8	Adapter	Lenovo	1230	N/A	N/A
A	Adapter	logi	HA-1151-19	N/A	N/A
B	HDMI Cable	logi	N/A	N/A	N/A

Support Equipment (Conduction)					
No.	Equipment	Brand	Model	Series No.	FCC ID
1	NB	Lenovo	ThinkPad X260	N/A	N/A
2	Adapter	Lenovo	ADLX45DLC3A	N/A	N/A
3	Type-C Cable	Xiao mi	SJX10ZM	N/A	N/A
4	RJ45	atake	AC6-FL10	N/A	N/A
5	USB	ADATA	C008	N/A	N/A
6	HDMI Cable	PX	HD2-2XC	N/A	N/A
7	Monitor	Lenovo	T24I-20	N/A	N/A
A	Adapter	logi	HA-1151-19	N/A	N/A
B	HDMI Cable	logi	N/A	N/A	N/A

1.8 TEST SET UP DIAGRAM



1.9 TEST PROGRAM

This EUT use adb tool and set command to set the frequency, modulation and power to allow continuous transmission of the sample.

adb tool: adb v1.0.32

1.10 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10-2020, FCC Part 2, FCC Part 15.247 and KDB 558074.



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2. TEST SUMMARY

FCC Standard Section	Report Section	Test Item	Result
15.203	1.3	Antenna Requirement	Pass
15.207(a)	4.1	AC Conducted Emission	Pass
15.247(a)(2)	4.2	6 dB Bandwidth	Pass
-	4.2	Occupied Bandwidth (99%)	Pass
15.247(b)(3)	4.3	Output Power Measurement	Pass
15.247(e)	4.4	Power Spectral Density	Pass
15.247(d)	4.5	Conducted Band Edge	Pass
15.247(d)	4.5	Conducted Spurious Emission	Pass
15.247(d) 15.205, 15.209	4.6	Radiation Band Edge	Pass
15.247(d) 15.205, 15.209	4.6	Radiation Spurious Emission	Pass



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3. DESCRIPTION OF TEST MODES

3.1 THE WORST MODE OF OPERATING CONDITION

Operation mode	BLE Mode (1Mbps) BLE Mode (2Mbps)
Test Channel Frequencies	1.Lowest Channel : 2402MHz 2.Middle Channel : 2442MHz 3.Highest Channel : 2480MHz

Remark:

1. EUT pre-scanned data rate of output power for each mode, the worst data rate were recorded in this report.

3.2 THE WORST MODE OF MEASUREMENT

AC Power Line Conduction Emission	
Test Condition	AC Power line conduction emission for line and neutral
Power supply Mode	Mode 1: EUT power by Adapter
Worst Mode	☒ Mode 1

Radiated Emission Measurement Above 1G	
Test Condition	Radiated Emission Above 1G
Power supply Mode	Mode 1: EUT power by Adapter
Worst Mode	☒ Mode 1
Worst Position	☐ Placed in fixed position. ☐ Placed in fixed position at X-Plane (E2-Plane) ☐ Placed in fixed position at Y-Plane (E1-Plane) ☒ Placed in fixed position at Z-Plane (H-Plane)

Radiated Emission Measurement Below 1G	
Test Condition	Radiated Emission Below 1G
Power supply Mode	Mode 1: EUT power by Adapter
Worst Mode	☒ Mode 1

Remark:

1. The worst mode was record in this test report.
2. AC power line conducted emission and for below 1G radiation emission were performed the EUT transmit at the minimum margin for radiated emission(Bandedge & Harmonic) as worse case.
3. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Z-Plane) were recorded in this report.



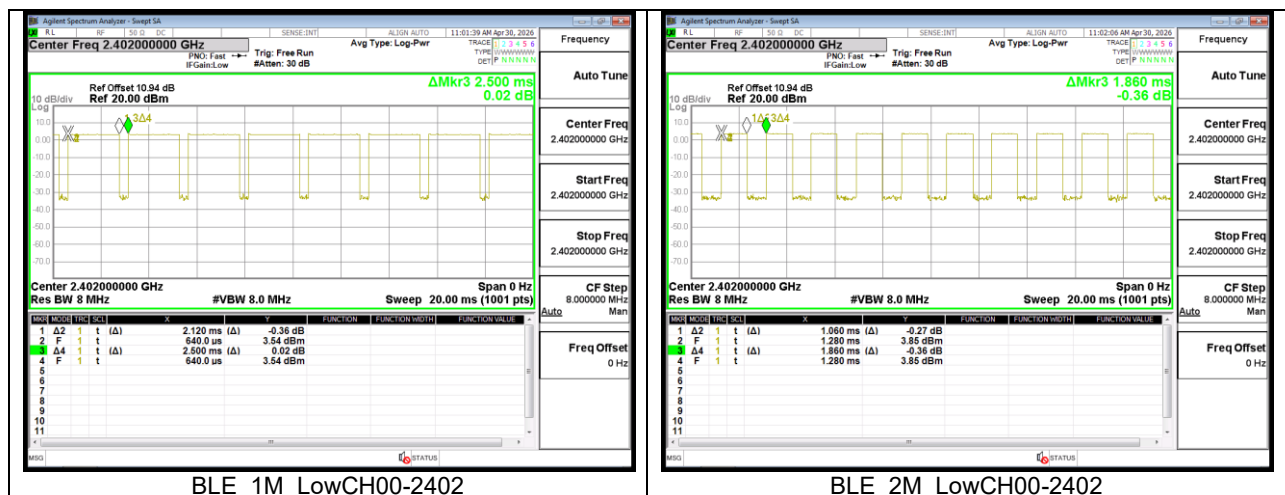
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3.3 EUT DUTY CYCLE

Temperature: 24.1~25.5°C Test Date: April 30~May 04, 2026
Humidity: 58~60% RH Tested by: David Li

Mode	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) = 10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
BLE 1M	84.80	0.72	0.47	1.00
BLE 2M	56.99	2.44	0.94	1.00



4. TEST RESULT

4.1 AC POWER LINE CONDUCTED EMISSION

4.1.1 Test Limit

According to §15.207(a),

Frequency Range (MHz)	Limits(dBμV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5	56	46
5 to 30	60	50

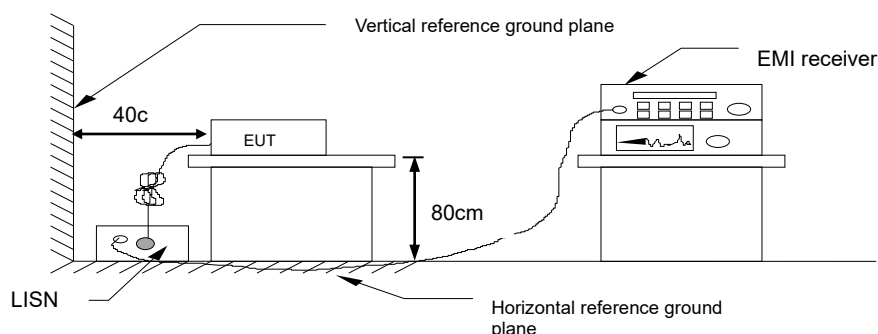
* Decreases with the logarithm of the frequency.

4.1.2 Test Procedure

Test method Refer as ANSI C63.10-2020,

1. The EUT was placed on a non-conducted table, which is 0.8m above horizontal ground plane and 0.4m above vertical ground plane.
2. EUT connected to the line impedance stabilization network (LISN)
3. Receiver set RBW of 9kHz and Detector Peak, and note as quasi-peak and average.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. Recorded Line for Neutral and Line.

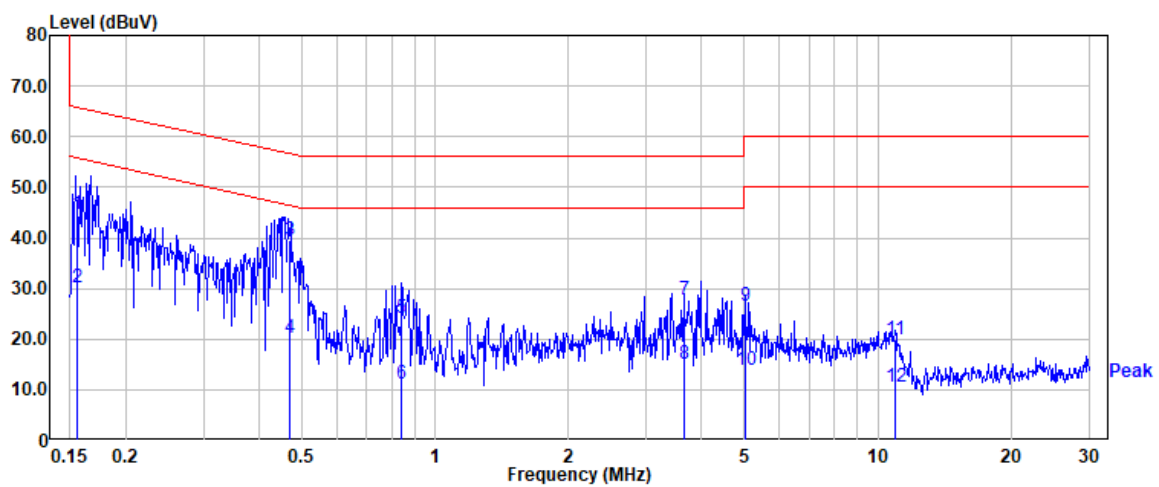
4.1.3 Test Setup



4.1.4 Test Result

Normal Mode

Project No : TM-2602000265P Test Date : 2026-06-01
Operation Band : System Temp./Humi. : 25°C / 65%
Test Chamber : Conduction Engineer : Tony.Chao
Probe : Line Test Voltage : AC 120V/60Hz
Note :



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.156	44.58	0.11	44.69	65.69	-21.00	QP
0.156	30.13	0.11	30.24	55.69	-25.45	Average
0.469	39.46	0.08	39.54	56.53	-16.99	QP
0.469	20.06	0.08	20.14	46.53	-26.39	Average
0.843	23.95	0.09	24.04	56.00	-31.96	QP
0.843	11.08	0.09	11.17	46.00	-34.83	Average
3.659	27.69	0.15	27.84	56.00	-28.16	QP
3.659	14.95	0.15	15.10	46.00	-30.90	Average
5.012	26.32	0.17	26.49	60.00	-33.51	QP
5.012	13.60	0.17	13.77	50.00	-36.23	Average
10.961	19.78	0.26	20.04	60.00	-39.96	QP
10.961	10.41	0.26	10.67	50.00	-39.33	Average

Note: 1. Actual FS= Spectrum Read Level + Factor

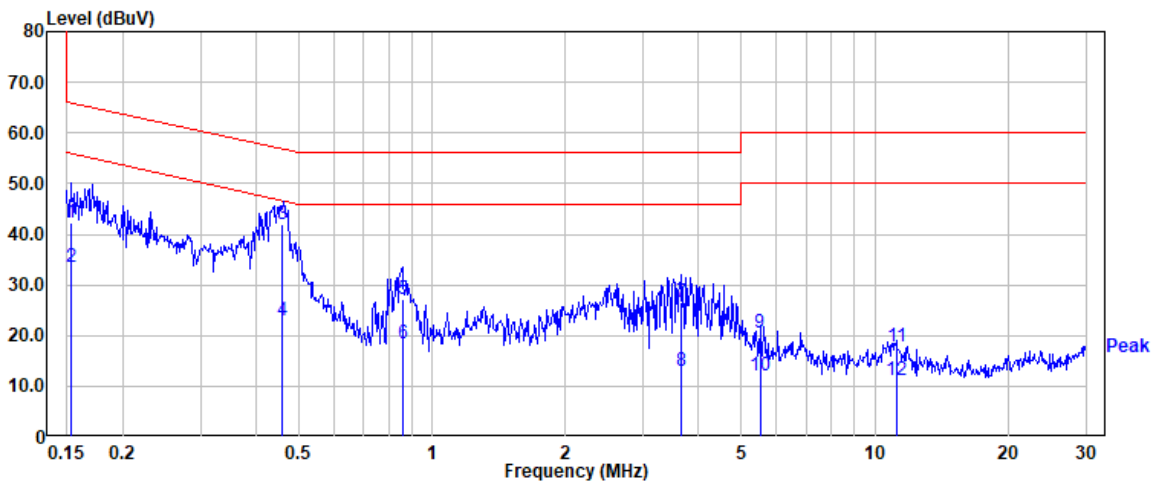
Note: 2. Margin= Actual FS – Limit



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Project No	: TM-2602000265P	Test Date	: 2026-06-01
Operation Band	: System	Temp./Humi.	: 25°C / 65%
Test Chamber	: Conduction	Engineer	: Tony.Chao
Probe	: Neutral	Test Voltage	: AC 120V/60Hz
Note	:		



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.154	42.10	0.12	42.22	65.79	-23.57	QP
0.154	33.35	0.12	33.47	55.79	-22.32	Average
0.458	41.88	0.10	41.98	56.72	-14.74	QP
0.458	22.89	0.10	22.99	46.72	-23.73	Average
0.862	27.06	0.11	27.17	56.00	-28.83	QP
0.862	18.31	0.11	18.42	46.00	-27.58	Average
3.644	26.48	0.17	26.65	56.00	-29.35	QP
3.644	12.87	0.17	13.04	46.00	-32.96	Average
5.510	20.49	0.19	20.68	60.00	-39.32	QP
5.510	11.89	0.19	12.08	50.00	-37.92	Average
11.182	17.60	0.26	17.86	60.00	-42.14	QP
11.182	10.90	0.26	11.16	50.00	-38.84	Average

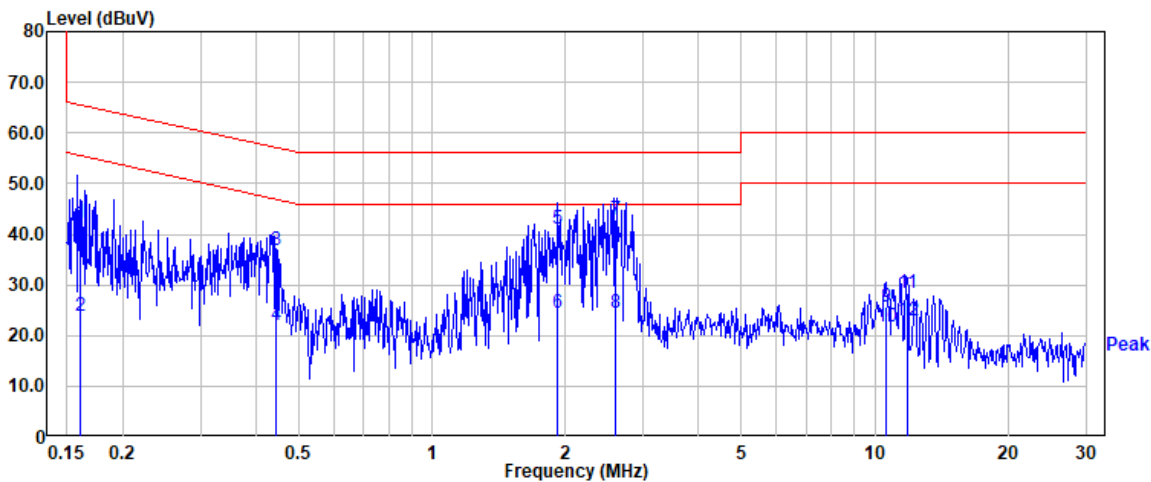
Note: 1. Actual FS= Spectrum Read Level + Factor
Note: 2. Margin= Actual FS – Limit



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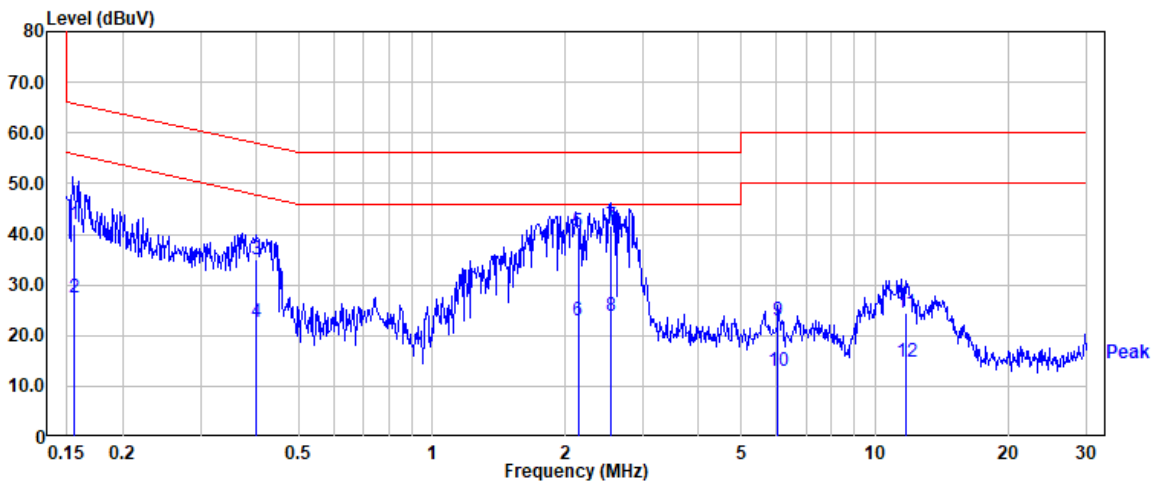
Project No	: TM-2602000265P	Test Date	: 2026-06-01
Operation Band	: System	Temp./Humi.	: 25°C / 65%
Test Chamber	: Conduction	Engineer	: Tony.Chao
Probe	: Line	Test Voltage	: AC 230V/60Hz
Note	:		



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.161	42.28	0.11	42.39	65.41	-23.02	QP
0.161	23.76	0.11	23.87	55.41	-31.54	Average
0.446	36.75	0.08	36.83	56.95	-20.12	QP
0.446	21.87	0.08	21.95	46.95	-25.00	Average
1.925	40.87	0.12	40.99	56.00	-15.01	QP
1.925	24.39	0.12	24.51	46.00	-21.49	Average
2.594	42.73	0.13	42.86	56.00	-13.14	QP
2.594	24.27	0.13	24.40	46.00	-21.60	Average
10.585	25.53	0.26	25.79	60.00	-34.21	Peak
10.585	21.56	0.26	21.82	50.00	-28.18	Average
11.826	27.97	0.27	28.24	60.00	-31.76	QP
11.826	22.57	0.27	22.84	50.00	-27.16	Average

Note: 1. Actual FS= Spectrum Read Level + Factor
Note: 2. Margin= Actual FS – Limit

Project No	: TM-2602000265P	Test Date	: 2026-06-01
Operation Band	: System	Temp./Humi.	: 25°C / 65%
Test Chamber	: Conduction	Engineer	: Tony.Chao
Probe	: Neutral	Test Voltage	: AC 230V/60Hz
Note	:		



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.156	41.79	0.12	41.91	65.67	-23.76	QP
0.156	27.49	0.12	27.61	55.67	-28.06	Average
0.402	34.90	0.10	35.00	57.81	-22.81	QP
0.402	22.48	0.10	22.58	47.81	-25.23	Average
2.138	40.35	0.14	40.49	56.00	-15.51	QP
2.138	22.95	0.14	23.09	46.00	-22.91	Average
2.542	41.50	0.15	41.65	56.00	-14.35	QP
2.542	23.72	0.15	23.87	46.00	-22.13	Average
6.057	22.66	0.20	22.86	60.00	-37.14	QP
6.057	12.87	0.20	13.07	50.00	-36.93	Average
11.753	24.34	0.26	24.60	60.00	-35.40	QP
11.753	14.41	0.26	14.67	50.00	-35.33	Average

Note: 1. Actual FS= Spectrum Read Level + Factor
 Note: 2. Margin= Actual FS – Limit

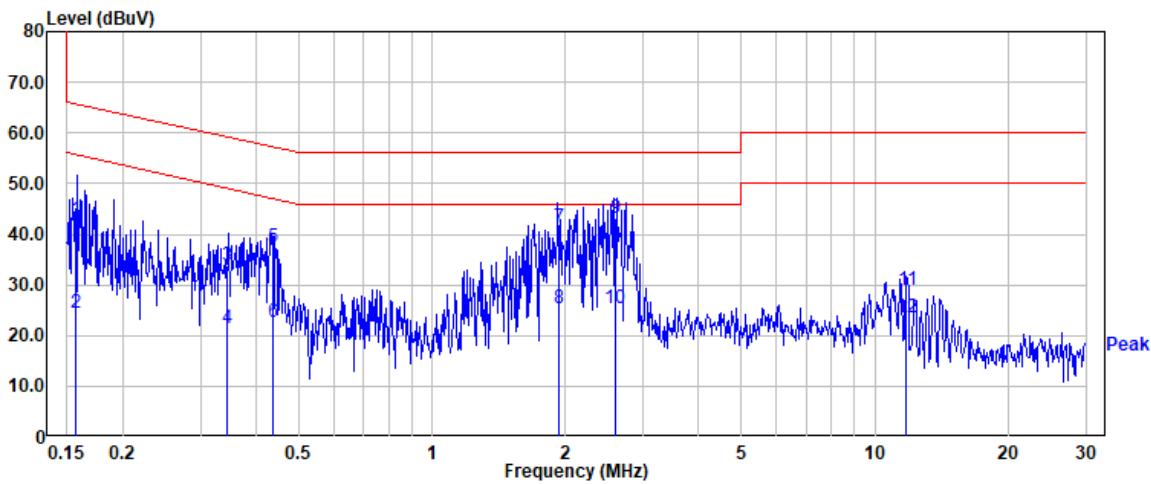


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BLE

Project No	: TM-2602000265P	Test Date	: 2026-05-22
Operation Band	: BLE	Temp./Humi.	: 25°C / 65%
Test Chamber	: Conduction	Engineer	: Ben.Yang
Probe	: Line	Test Voltage	: AC 120V/60Hz
Note	: BLE_2M_2402 MHz		



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.157	42.77	0.11	42.88	65.62	-22.74	QP
0.157	24.29	0.11	24.40	55.62	-31.22	Average
0.345	33.62	0.08	33.70	59.08	-25.38	QP
0.345	21.49	0.08	21.57	49.08	-27.51	Average
0.437	37.27	0.08	37.35	57.12	-19.77	QP
0.437	22.45	0.08	22.53	47.12	-24.59	Average
1.931	41.33	0.12	41.45	56.00	-14.55	QP
1.931	25.13	0.12	25.25	46.00	-20.75	Average
2.589	42.96	0.13	43.09	56.00	-12.91	QP
2.589	25.11	0.13	25.24	46.00	-20.76	Average
11.801	28.64	0.27	28.91	60.00	-31.09	QP
11.801	23.26	0.27	23.53	50.00	-26.47	Average

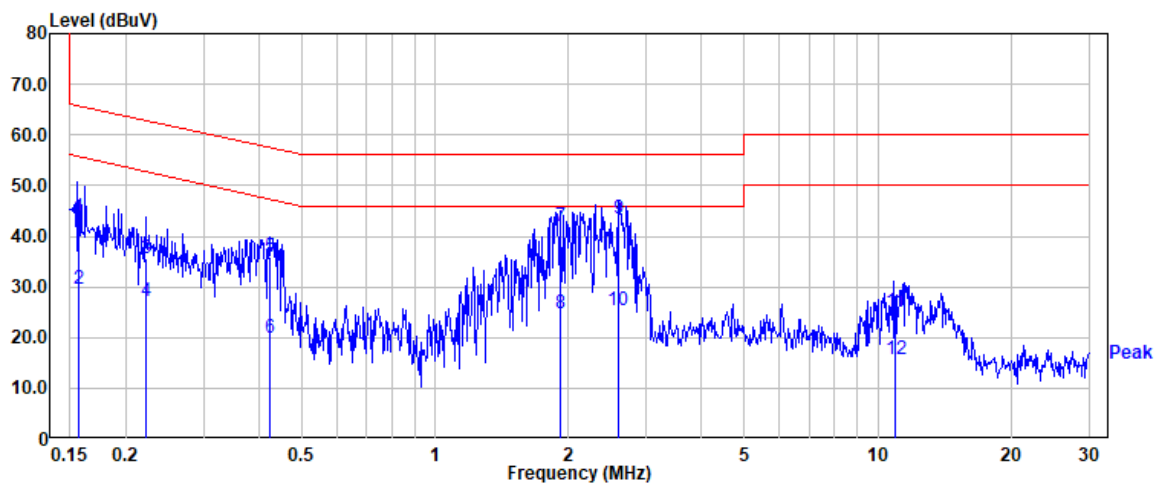
Note: 1. Actual FS= Spectrum Read Level + Factor
Note: 2. Margin= Actual FS – Limit

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Project No : TM-2602000265P
Operation Band : BLE
Test Chamber : Conduction
Probe : Neutral
Note : BLE_2M_2402 MHz

Test Date : 2026-05-22
Temp./Humi. : 25°C / 65%
Engineer : Ben.Yang
Test Voltage : AC 120V/60Hz



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.157	43.63	0.12	43.75	65.64	-21.89	QP
0.157	29.51	0.12	29.63	55.64	-26.01	Average
0.223	35.46	0.11	35.57	62.69	-27.12	QP
0.223	27.06	0.11	27.17	52.69	-25.52	Average
0.425	35.72	0.10	35.82	57.35	-21.53	QP
0.425	19.75	0.10	19.85	47.35	-27.50	Average
1.921	41.78	0.14	41.92	56.00	-14.08	QP
1.921	24.57	0.14	24.71	46.00	-21.29	Average
2.589	43.46	0.15	43.61	56.00	-12.39	QP
2.589	25.07	0.15	25.22	46.00	-20.78	Average
10.937	24.93	0.26	25.19	60.00	-34.81	QP
10.937	15.56	0.26	15.82	50.00	-34.18	Average

Note: 1. Actual FS= Spectrum Read Level + Factor

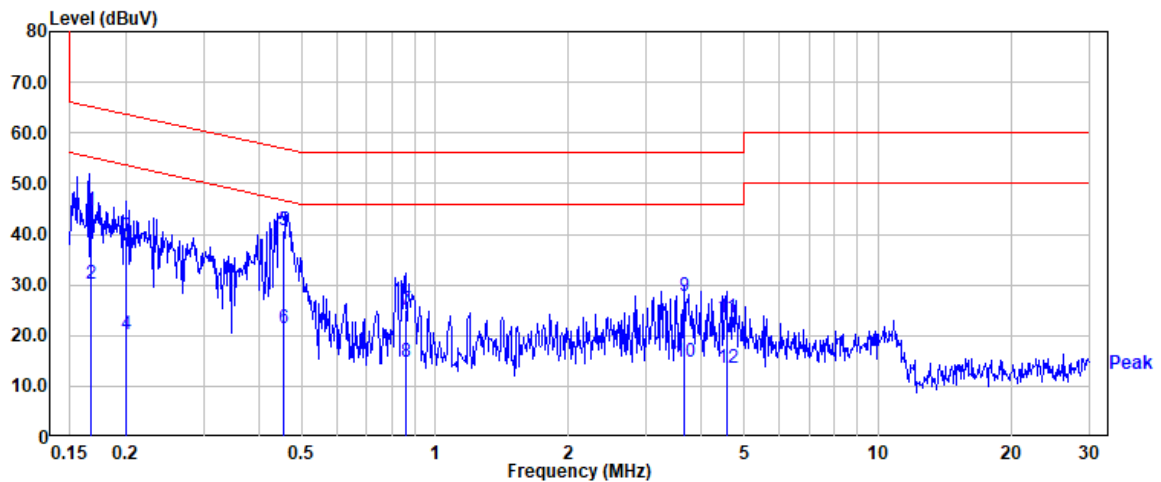
Note: 2. Margin= Actual FS – Limit

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Project No : TM-2602000265P
Operation Band : BLE
Test Chamber : Conduction
Probe : Line
Note : BLE_2M_2402 MHz

Test Date : 2026-05-22
Temp./Humi. : 25°C / 65%
Engineer : Ben.Yang
Test Voltage : AC 230V/60Hz



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.167	44.64	0.10	44.74	65.12	-20.38	QP
0.167	30.13	0.10	30.23	55.12	-24.89	Average
0.201	39.36	0.09	39.45	63.56	-24.11	QP
0.201	20.21	0.09	20.30	53.56	-33.26	Average
0.456	40.52	0.08	40.60	56.76	-16.16	QP
0.456	21.42	0.08	21.50	46.76	-25.26	Average
0.861	25.04	0.09	25.13	56.00	-30.87	QP
0.861	14.56	0.09	14.65	46.00	-31.35	Average
3.649	27.73	0.15	27.88	56.00	-28.12	QP
3.649	14.64	0.15	14.79	46.00	-31.21	Average
4.554	23.29	0.17	23.46	56.00	-32.54	QP
4.554	13.26	0.17	13.43	46.00	-32.57	Average

Note: 1. Actual FS= Spectrum Read Level + Factor

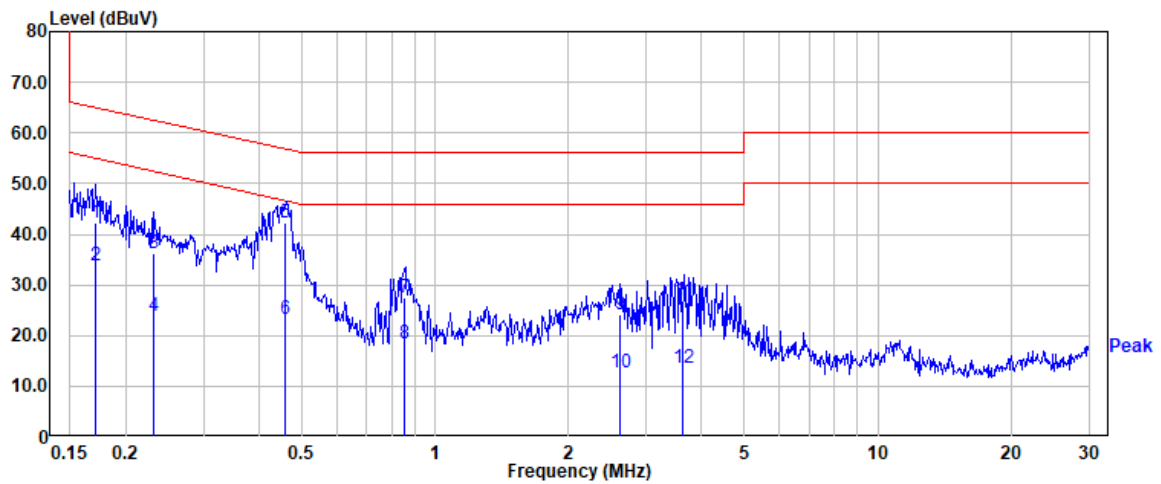
Note: 2. Margin= Actual FS – Limit

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Project No : TM-2602000265P
Operation Band : BLE
Test Chamber : Conduction
Probe : Neutral
Note : BLE_2M_2402 MHz

Test Date : 2026-05-22
Temp./Humi. : 25°C / 65%
Engineer : Ben.Yang
Test Voltage : AC 230V/60Hz



Freq	Read Level	Factor	Actual FS	Limit	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dB	PK/QP/AV
0.171	42.23	0.12	42.35	64.92	-22.57	QP
0.171	33.60	0.12	33.72	54.92	-21.20	Average
0.231	36.02	0.11	36.13	62.42	-26.29	QP
0.231	23.71	0.11	23.82	52.42	-28.60	Average
0.460	42.12	0.10	42.22	56.68	-14.46	QP
0.460	23.21	0.10	23.31	46.68	-23.37	Average
0.857	27.48	0.11	27.59	56.00	-28.41	QP
0.857	18.43	0.11	18.54	46.00	-27.46	Average
2.620	24.01	0.15	24.16	56.00	-31.84	QP
2.620	12.55	0.15	12.70	46.00	-33.30	Average
3.634	26.72	0.17	26.89	56.00	-29.11	QP
3.634	13.30	0.17	13.47	46.00	-32.53	Average

Note: 1. Actual FS= Spectrum Read Level + Factor

Note: 2. Margin= Actual FS – Limit



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4.2 6dB BANDWIDTH AND OCCUPIED BANDWIDTH(99%)

4.2.1 Test Limit

According to §15.247(a)(2),

6 dB Bandwidth :

Limit	Shall be at least 500kHz
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Occupied Bandwidth(99%) : For reporting purposes only.

4.2.2 Test Procedure

FCC

Test method Refer as KDB 558074 D01 and ANSI C63.10-2020,

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. SA set RBW = 100kHz, VBW = 300kHz and Detector = Peak, to measurement 6 dB Bandwidth.
4. SA set RBW = 1% ~ 5% OBW, VBW = three times the RBW and Detector = Peak, to measurement 99% Bandwidth
5. Measure and record the result of 6 dB Bandwidth and 99% Bandwidth. in the test report.

4.2.3 Test Setup

Refer to section 1.8.



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4.2.4 Test Result

Temperature: 24.1~25.5°C Test Date: April 30~May 04, 2026
Humidity: 58~60% RH Tested by: David Li

6dB BANDWIDTH

BLE 1M mode

Frequency (MHz)	6dB BW (MHz)	Required BW (MHz)	Result
2402	0.6656	≥ 0.5	PASS
2442	0.6647	≥ 0.5	PASS
2480	0.6642	≥ 0.5	PASS

BLE 2M mode

Frequency (MHz)	6dB BW (MHz)	Required BW (MHz)	Result
2402	1.246	≥ 0.5	PASS
2442	1.249	≥ 0.5	PASS
2480	1.248	≥ 0.5	PASS

BANDWIDTH 99%

BLE 1M mode

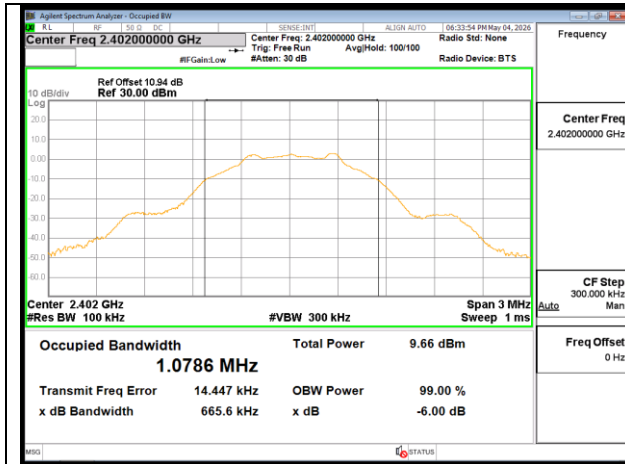
Frequency (MHz)	99%Bandwidth (MHz)
2402	1.0392
2442	1.0404
2480	1.0401

BLE 2M mode

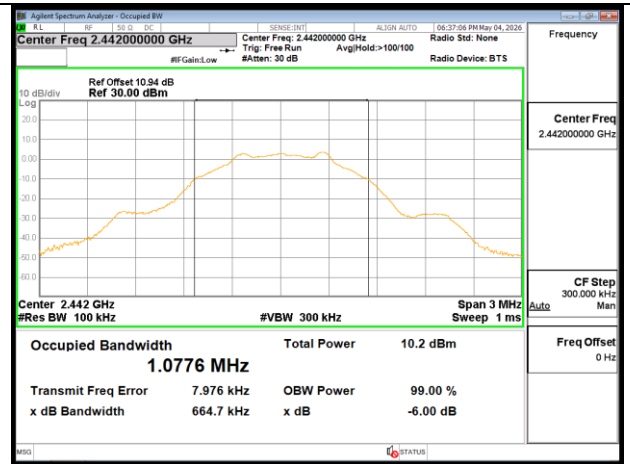
Frequency (MHz)	99%Bandwidth (MHz)
2402	2.0838
2442	2.083
2480	2.0813

Test Data

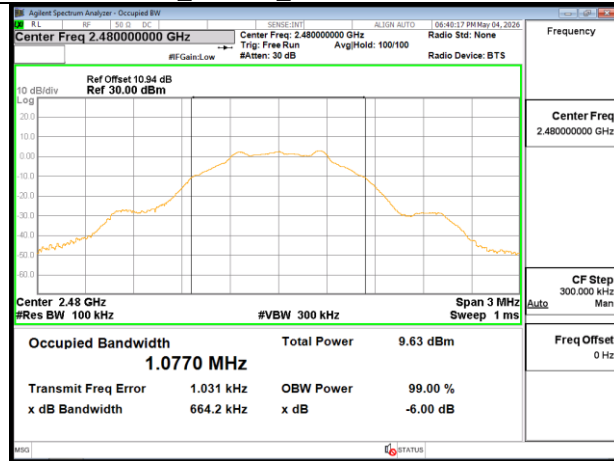
6dB BANDWIDTH



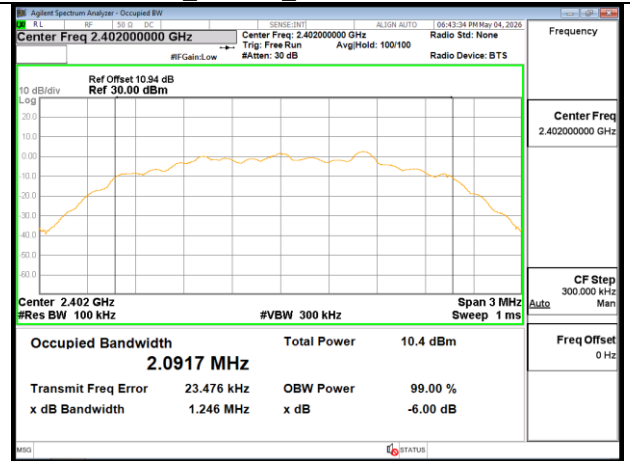
OBW_BLE 1M_LowCH00-2402MHz



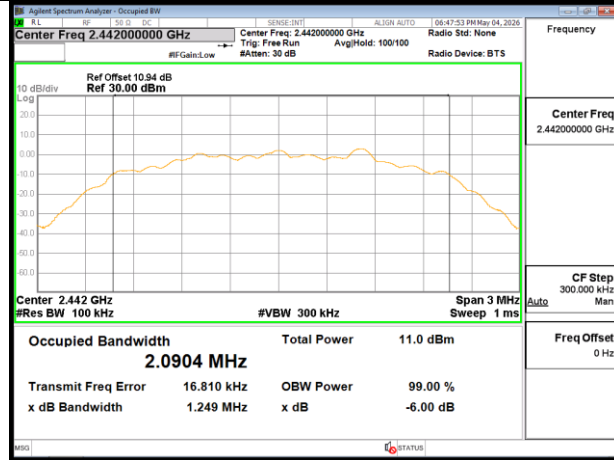
OBW_BLE 1M_MidCH20-2442MHz



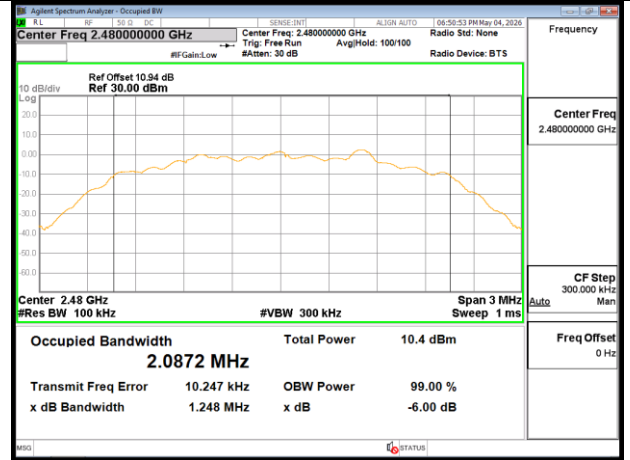
OBW_BLE 1M_HighCH39-2480MHz



OBW_BLE 2M_LowCH00-2402MHz



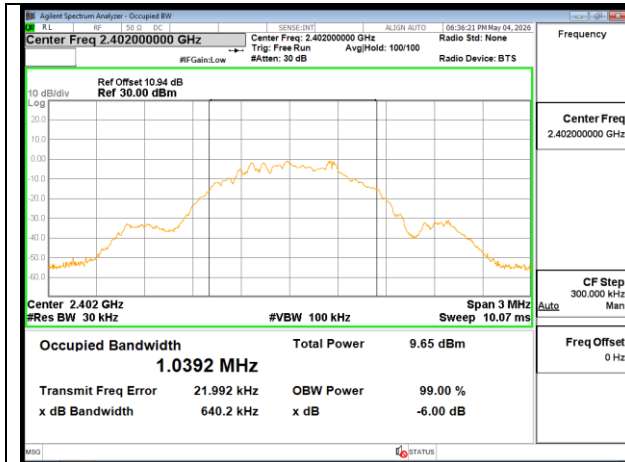
OBW_BLE 2M_MidCH20-2442MHz



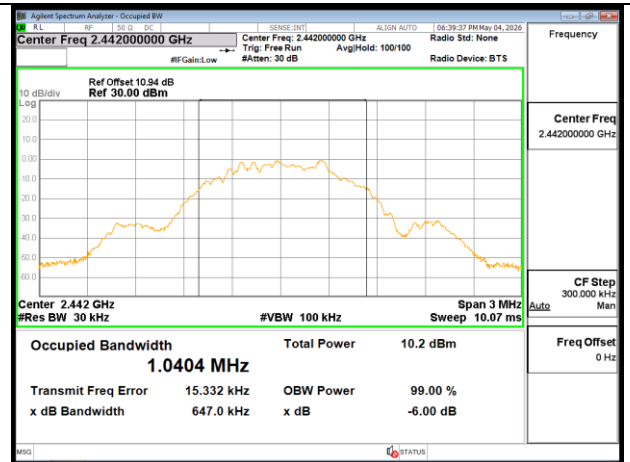
OBW_BLE 2M_HighCH39-2480MHz

Test Data

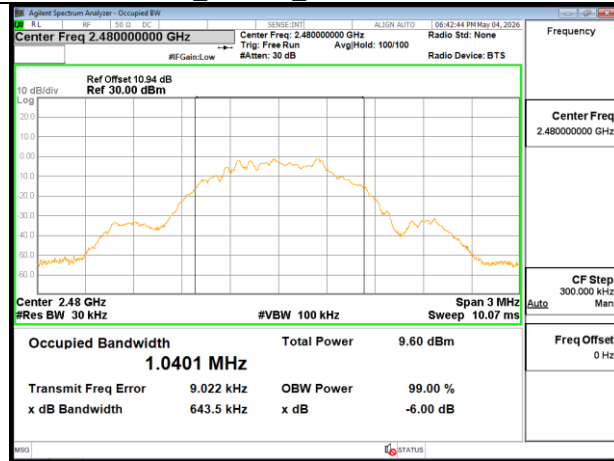
BANDWIDTH 99%



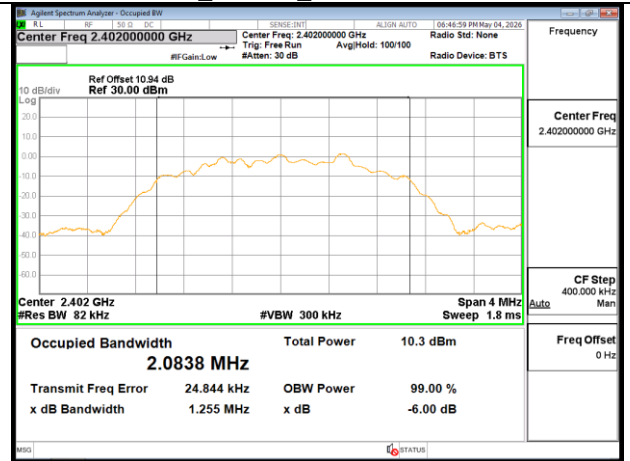
IC OBW_BLE 1M_LowCH00-2402MHz



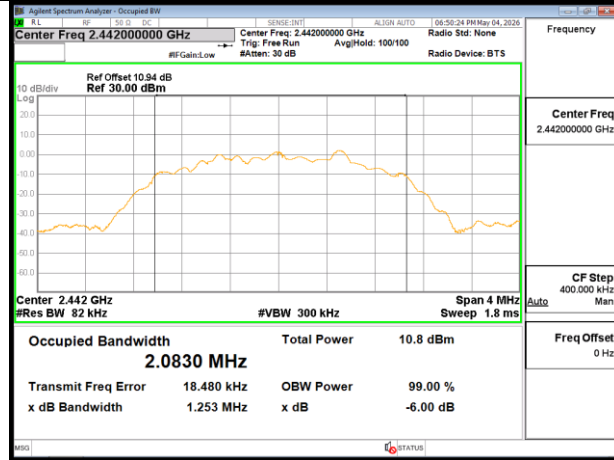
IC OBW_BLE 1M_MidCH20-2442MHz



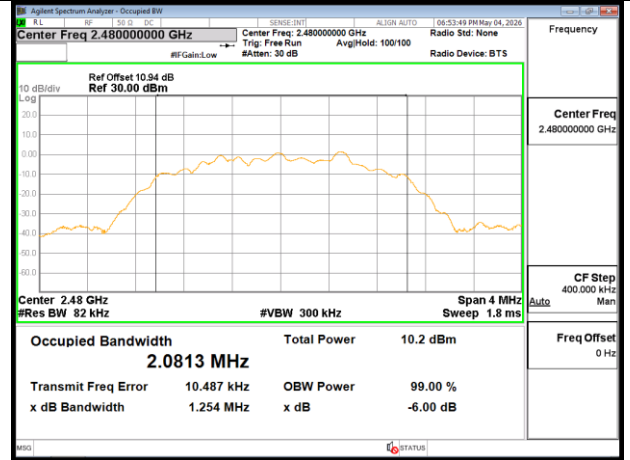
IC OBW_BLE 1M_HighCH39-2480MHz



IC OBW_BLE 2M_LowCH00-2402MHz



IC OBW_BLE 2M_MidCH20-2442MHz



IC OBW_BLE 2M_HighCH39-2480MHz



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4.3 OUTPUT POWER MEASUREMENT

4.3.1 Test Limit

According to §15.247(b)(3),

Peak output power :

FCC

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.

Limit	☒ Antenna not exceed 6 dBi : 30dBm ☐ Antenna with DG greater than 6 dBi [Limit = 30 – (DG – 6)] ☐ Point-to-point operation
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Average output power : For reporting purposes only.

4.3.2 Test Procedure

Test method Refer as KDB 558074 D01

1. The EUT RF output connected to the power meter by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Peak output power and Average output power. in the test report.

4.3.3 Test Setup

Refer to section 1.8.

4.3.4 Test Result

Temperature: 24.1~25.5°C Test Date: April 30~May 04, 2026
Humidity: 58~60% RH Tested by: David Li

Peak & Average output power :

BLE 1M mode:

CH	Frequency (MHz)	Power Setting	Peak Output Power (dBm)	Required Limit (dBm)
0	2402	default	3.80	30
20	2442	default	4.20	30
39	2480	default	3.67	30
CH	Frequency (MHz)	Power Setting	Avg. Output Power (dBm)	Required Limit (dBm)
0	2402	default	3.19	30
20	2442	default	3.61	30
39	2480	default	3.04	30

***Note:**

1.Measured by power meter, cable loss 10.94 dB + Duty cycle factor has been offseted to the power meter for Avg. power and cable loss has been offseted for Peak power measurement.

BLE 2M mode:

CH	Frequency (MHz)	Power Setting	Peak Output Power (dBm)	Required Limit (dBm)
0	2402	default	4.08	30
20	2442	default	4.45	30
39	2480	default	3.95	30
CH	Frequency (MHz)	Power Setting	Avg. Output Power (dBm)	Required Limit (dBm)
0	2402	default	3.08	30
20	2442	default	3.55	30
39	2480	default	2.96	30

***Note:**

1.Measured by power meter, cable loss 10.94 dB + Duty cycle factor has been offseted to the power meter for Avg. power and cable loss has been offseted for Peak power measurement.

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.247(e),

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Limit	☒ Antenna not exceed 6 dBi : 8dBm ☐ Antenna with DG greater than 6 dBi [Limit = 8 – (DG – 6)] ☐ Point-to-point operation :
-------	---

4.4.2 Test Procedure

Test method Refer as KDB 558074 D01

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. SA set RBW = 3kHz, VBW = 10kHz, Span = 1.5 times DTS Bandwidth (6 dB BW), Detector = Peak, Sweep Time = Auto and Trace = Max hold.
4. The path loss was compensated to the results for each measurement by SA.
5. Mark the maximum level.
6. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup

Refer to section 1.8.

4.4.4 Test Result

Temperature: 24.1~25.5°C Test Date: April 30~May 04, 2026
Humidity: 58~60% RH Tested by: David Li

BLE 1M mode

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	-13.70	8	PASS
2442	-13.22	8	PASS
2480	-13.81	8	PASS

***Note:**

1.cable loss as 10.94 dB that offsets in the spectrum

BLE 2M mode

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	-17.09	8	PASS
2442	-16.48	8	PASS
2480	-17.07	8	PASS

***Note:**

1.cable loss as 10.94 dB that offsets in the spectrum

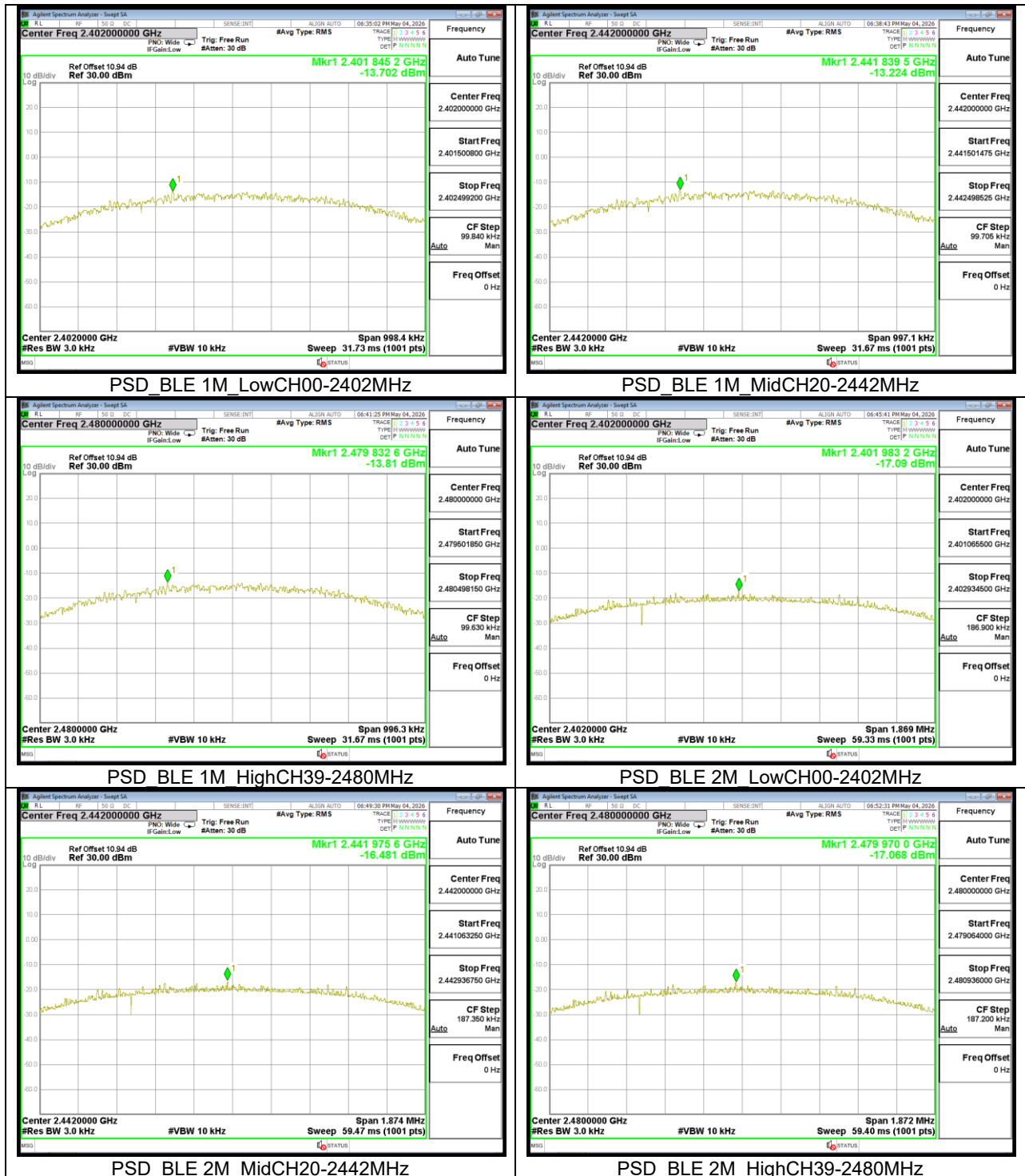


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Test Data

Power Density





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4.5 CONDUCTED BAND EDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

According to §15.247(d),

FCC: In any 100 kHz bandwidth outside the authorized frequency band, Non-restricted bands shall be attenuated at least 20 dB/30 dB relative to the maximum PSD level in 100 kHz by RF conducted or a radiated measurement which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

4.5.2 Test Procedure

Test method Refer as KDB 558074 D01

1. EUT RF output port connected to the SA by RF cable, and the path loss was compensated to result.
2. SA setting, RBW=100kHz, VBW=300kHz, Detector=Peak, Trace mode = max hold, SWT = Auto.
3. In any 100 kHz bandwidth outside the authorized frequency band, shall be attenuated at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when conducted power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

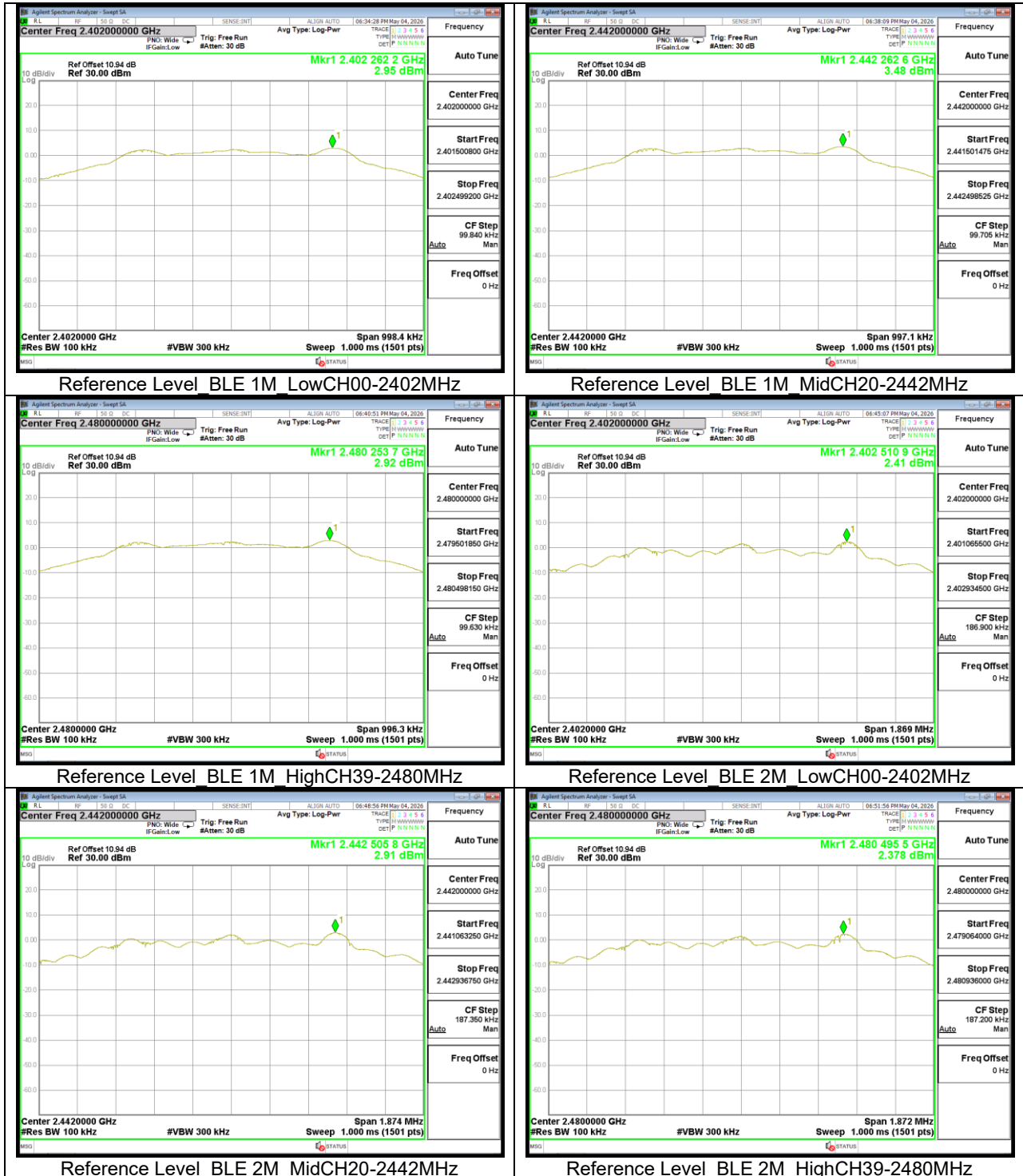
4.5.3 Test Setup

Refer to section 1.8.

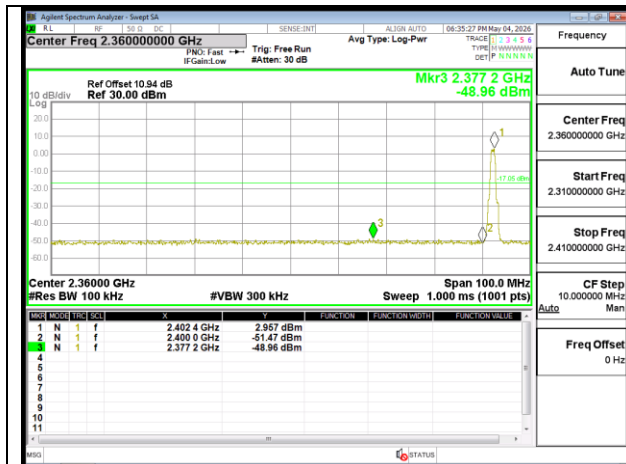
4.5.4 Test Result

Temperature:	24.1~25.5°C	Test Date:	April 30~May 04, 2026
Humidity:	58~60% RH	Tested by:	David Li

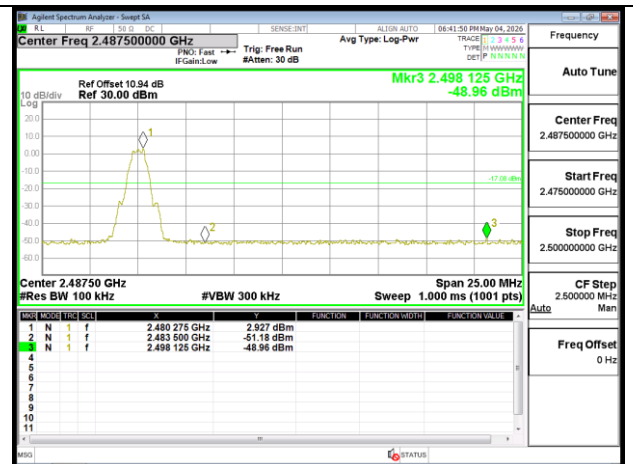
Test Data Reference Level



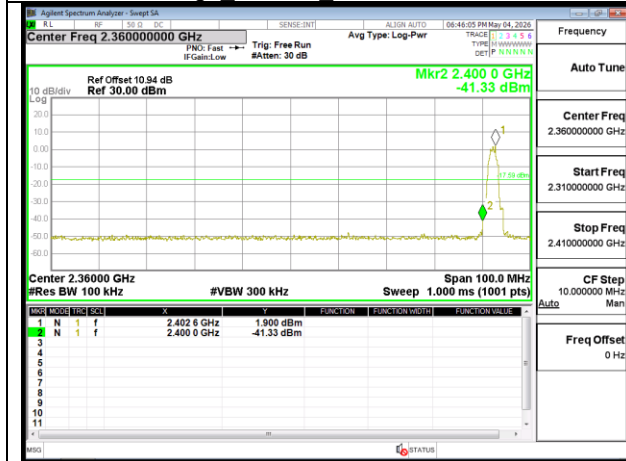
Band Edge



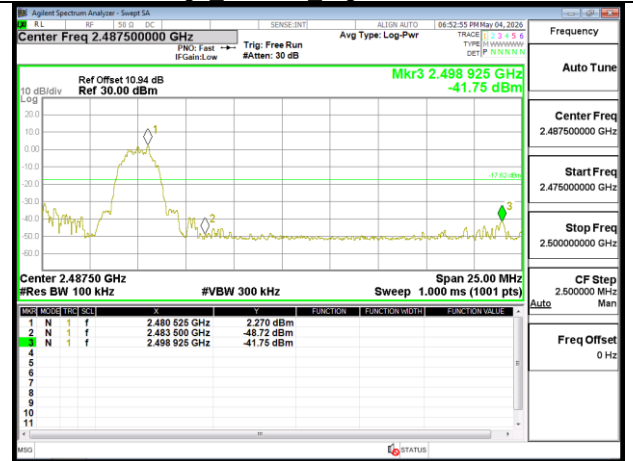
Band Edge BLE 1M LowCH00-2402MHz



Band Edge BLE 1M HighCH39-2480MHz

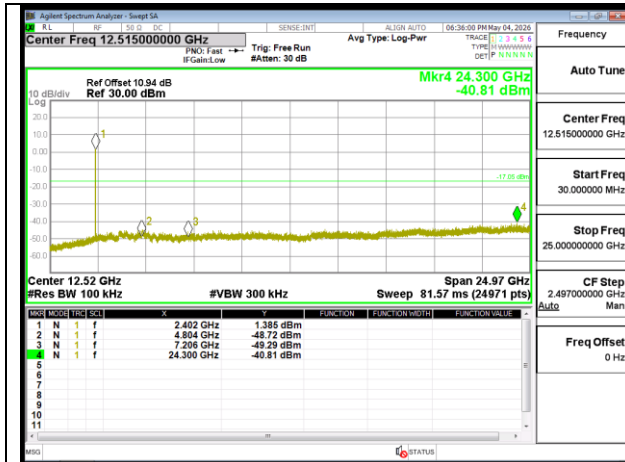


Band Edge BLE 2M LowCH00-2402MHz

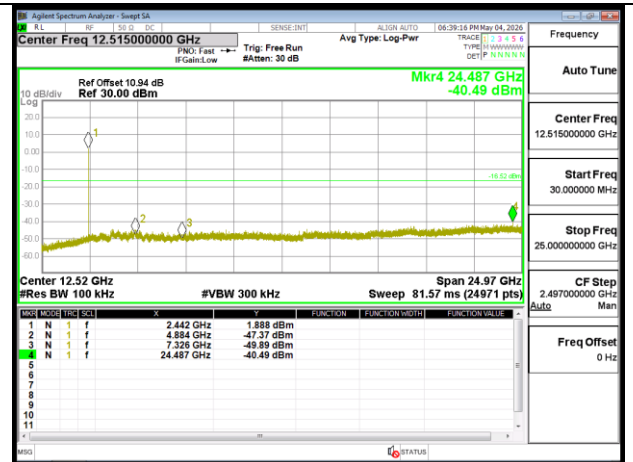


Band Edge BLE 2M HighCH39-2480MHz

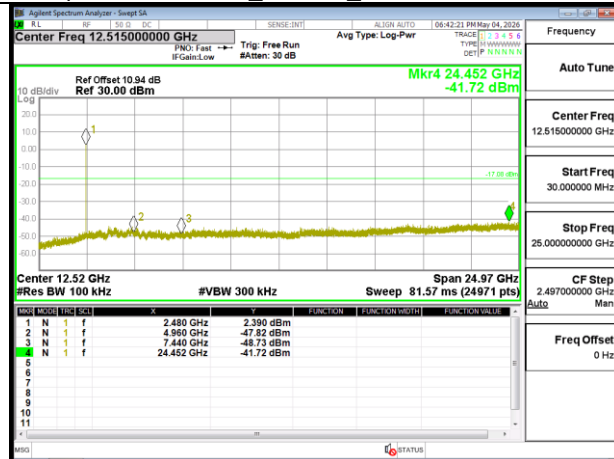
Spurious Emission



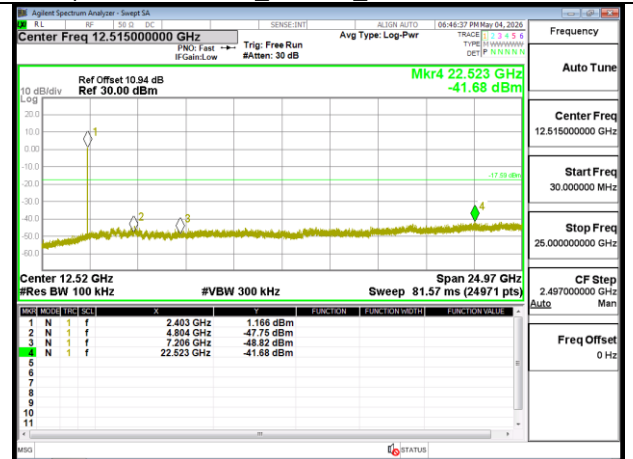
Spurious Emission_BLE 1M_LowCH00-2402MHz



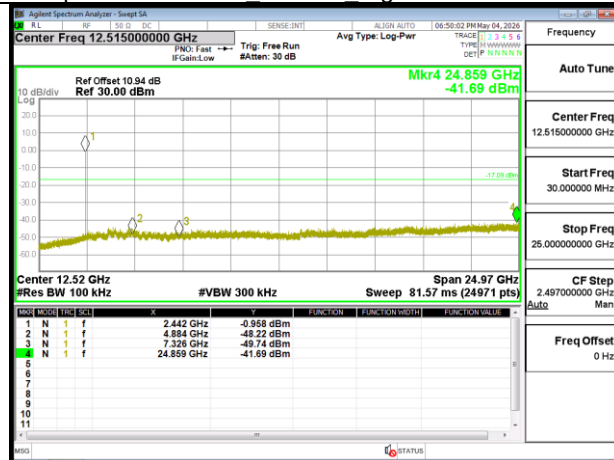
Spurious Emission_BLE 1M_MidCH20-2442MHz



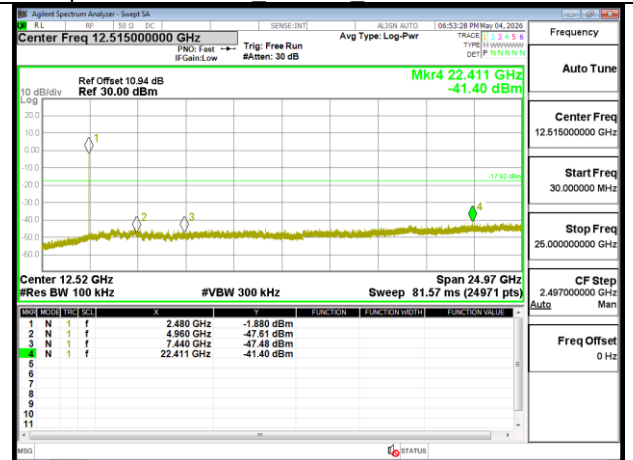
Spurious Emission_BLE 1M_HighCH39-2480MHz



Spurious Emission_BLE 2M_LowCH00-2402MHz



Spurious Emission_BLE 2M_MidCH20-2442MHz



Spurious Emission_BLE 2M_HighCH39-2480MHz

4.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.6.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

4.6.2 Test Procedure

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10-2020 and the EUT set in a continuous mode.

2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.

3. Span shall wide enough to full capture the emission measured. The SA from 9KHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.

4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz).

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-ane choic chamber, the measurements correspond to those obtained at an open-field test site. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

5. The SA setting following :

(1) Below 30MHz :

(1.1) 9KHz-490KHz : RBW=200Hz / VBW=1kHz / Sweep=AUTO

(1.2) 490KHz-30MHz : RBW=10kHz / VBW=30kHz / Sweep=AUTO

(2) 30MHz to 1GHz : RBW = 100kHz, VBW $\geq 3 \times$ RBW, Sweep = Auto,
Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

(3.1) For Peak measurement : RBW = 1MHz, VBW ≥ 3 RBW, Sweep = Auto,
Detector = Peak, Trace = Max hold.

(3.2) For Average measurement : RBW = 1MHz, VBW

·If Duty Cycle $\geq 98\%$, VBW=10Hz.

·If Duty Cycle $< 98\%$, VBW=1/T.

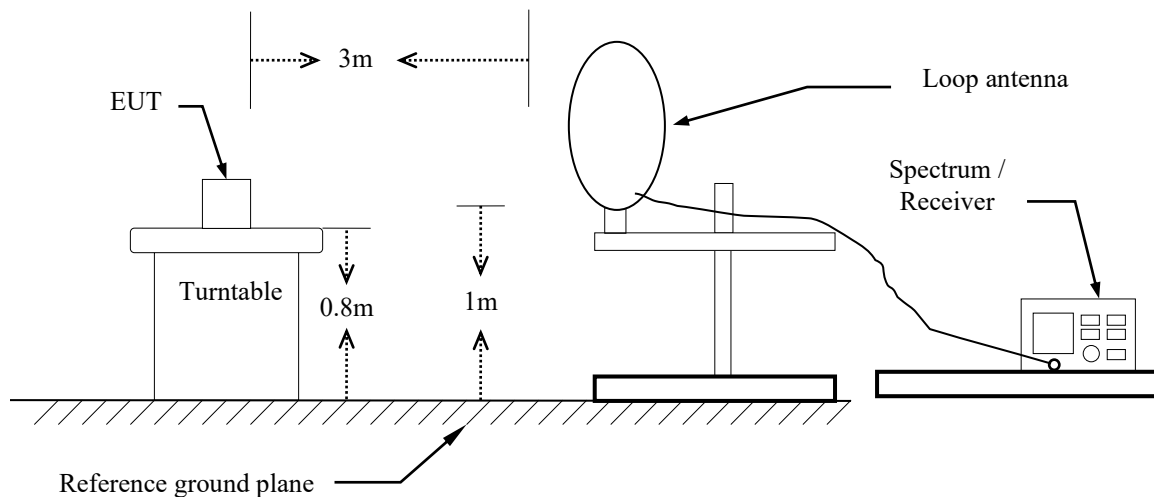
6. Data result :

Actual FS=Spectrum Reading Level + Factor

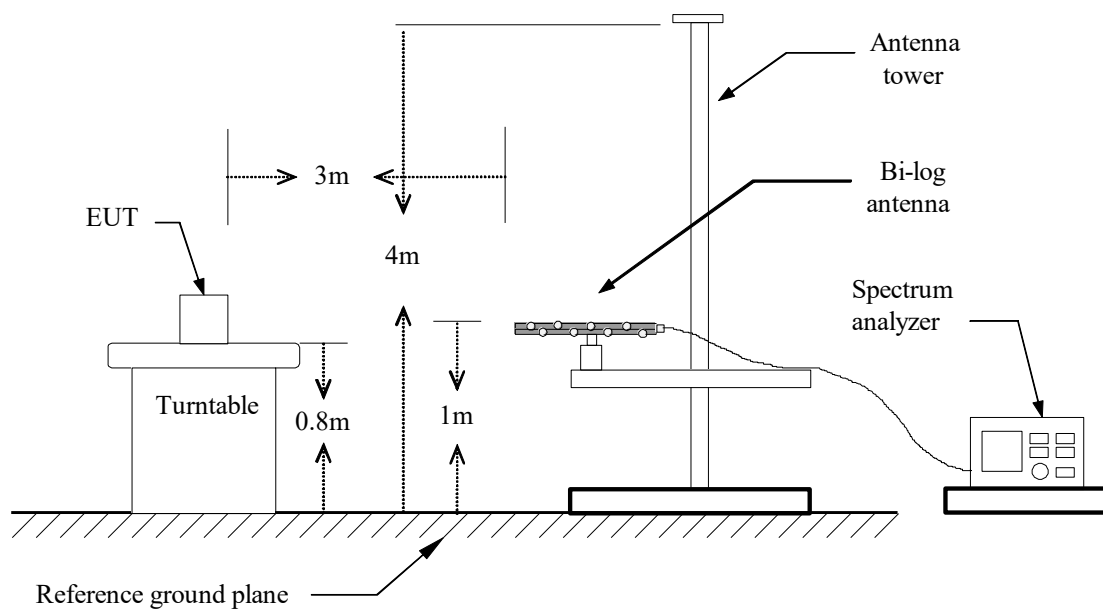
Margin=Actual FS- Limit

4.6.3 Test Setup

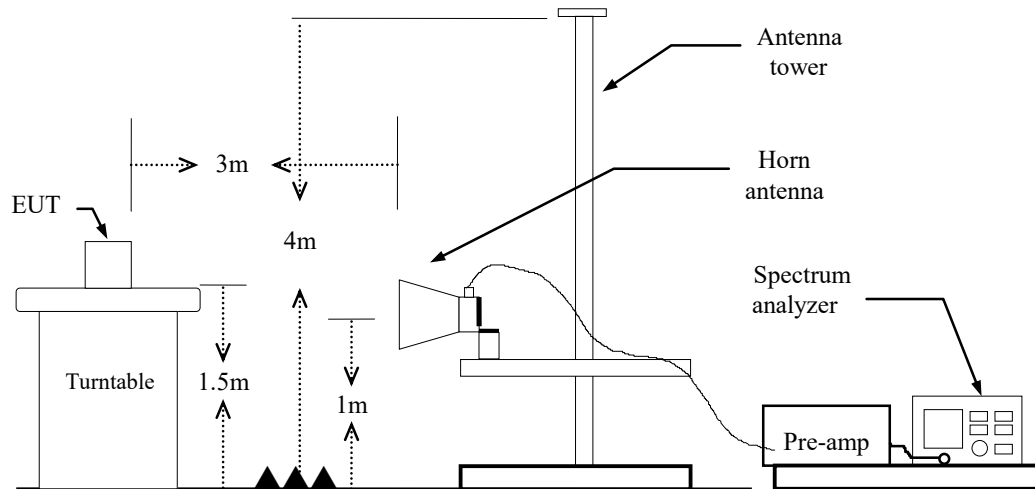
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz





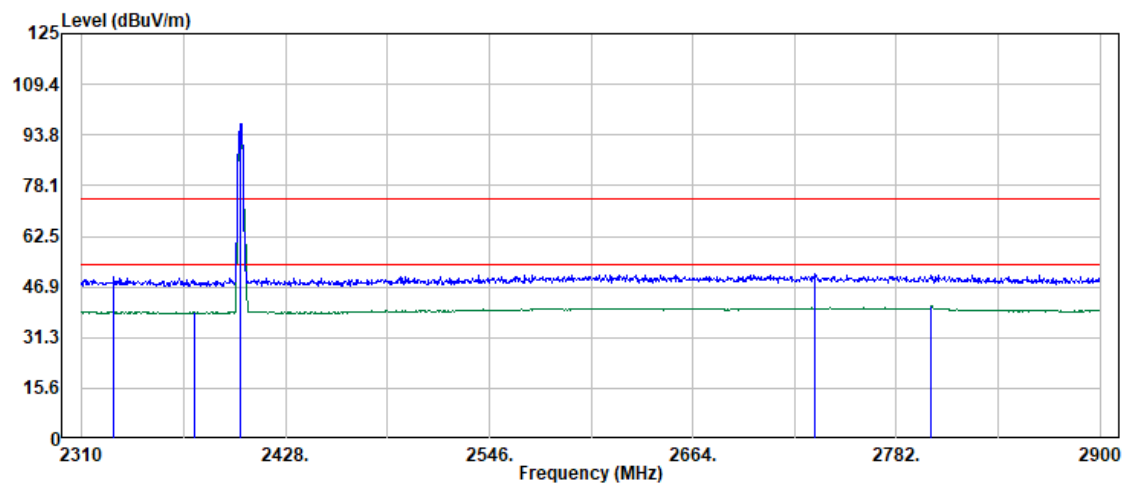
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4.6.4 Test Result

Test Data: Bandedge

Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: Bandedge	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



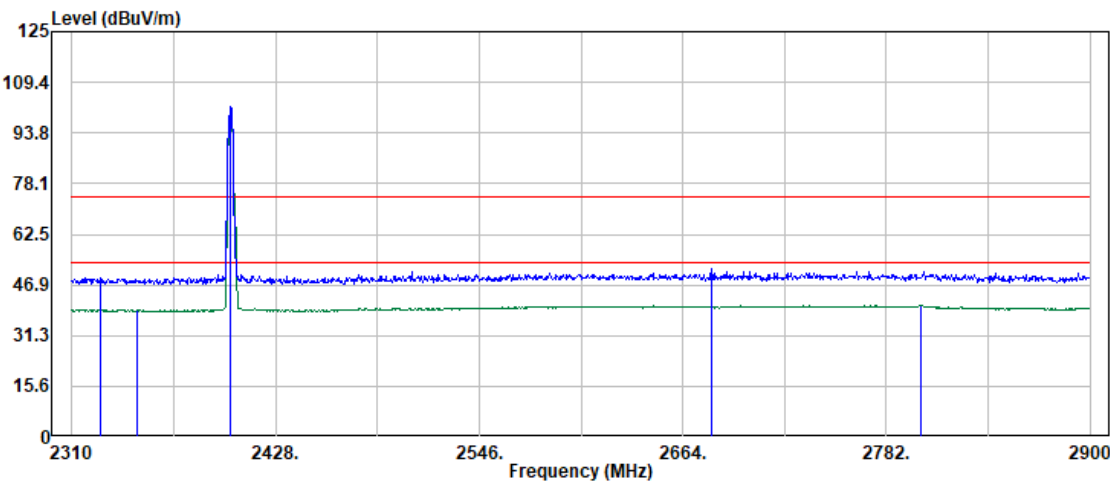
Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2328.48	43.64	6.18	49.82	74.00	-24.18	Peak
2374.95	32.99	6.20	39.19	54.00	-14.81	Average
2402.00	91.06	6.11	97.17	--	--	Peak
2402.00	90.40	6.11	96.51	--	--	Average
2734.64	43.46	7.55	51.01	74.00	-22.99	Peak
2802.08	33.63	7.49	41.12	54.00	-12.88	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: Bandedge	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2326.49	43.01	6.17	49.18	74.00	-24.82	Peak
2347.97	33.03	6.22	39.25	54.00	-14.75	Average
2402.00	95.55	6.11	101.66	--	--	Peak
2402.00	94.91	6.11	101.02	--	--	Average
2680.69	44.40	7.29	51.69	74.00	-22.31	Peak
2802.08	33.26	7.49	40.75	54.00	-13.25	Average

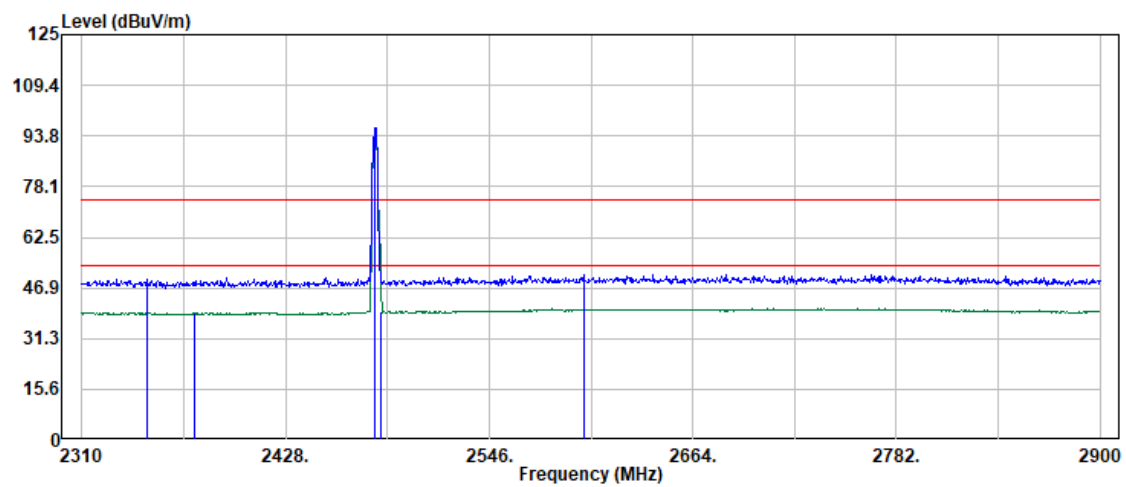


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Project No : TM-2602000265P
Operation Band : BLE_1M
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : Default

Test Date : 2026-05-04
Temp./Humi. : 25.3/56
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



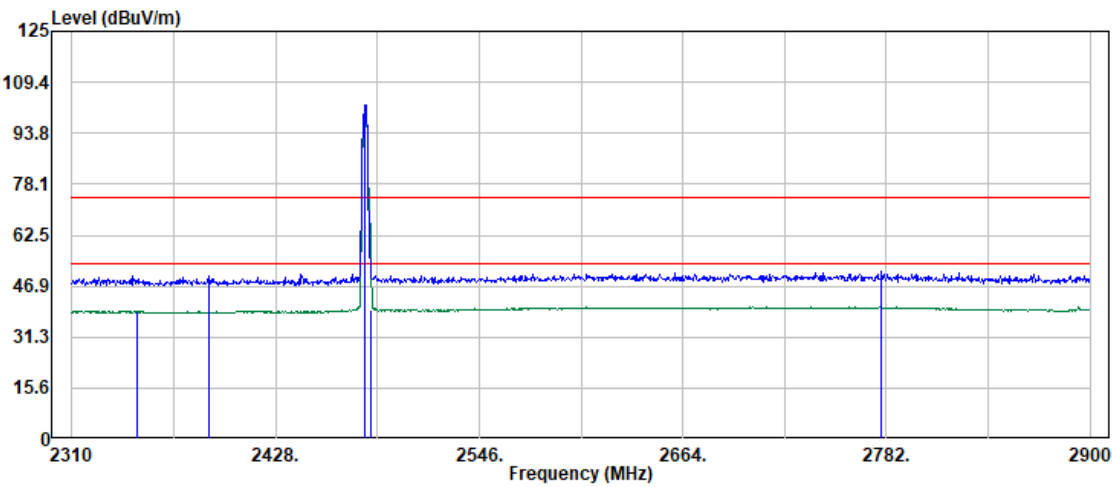
Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2347.47	43.12	6.23	49.35	74.00	-24.65	Peak
2375.45	33.10	6.20	39.30	54.00	-14.70	Average
2480.00	89.98	6.44	96.42	--	--	Peak
2480.00	89.32	6.44	95.76	--	--	Average
2483.50	32.95	6.48	39.43	54.00	-14.57	Average
2600.75	43.61	7.32	50.93	74.00	-23.07	Peak



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: Bandedge	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2347.47	32.98	6.23	39.21	54.00	-14.79	Average
2389.43	43.82	6.20	50.02	74.00	-23.98	Peak
2480.00	95.94	6.44	102.38	--	--	Peak
2480.00	95.31	6.44	101.75	--	--	Average
2483.50	33.11	6.48	39.59	54.00	-14.41	Average
2779.10	43.67	7.67	51.34	74.00	-22.66	Peak

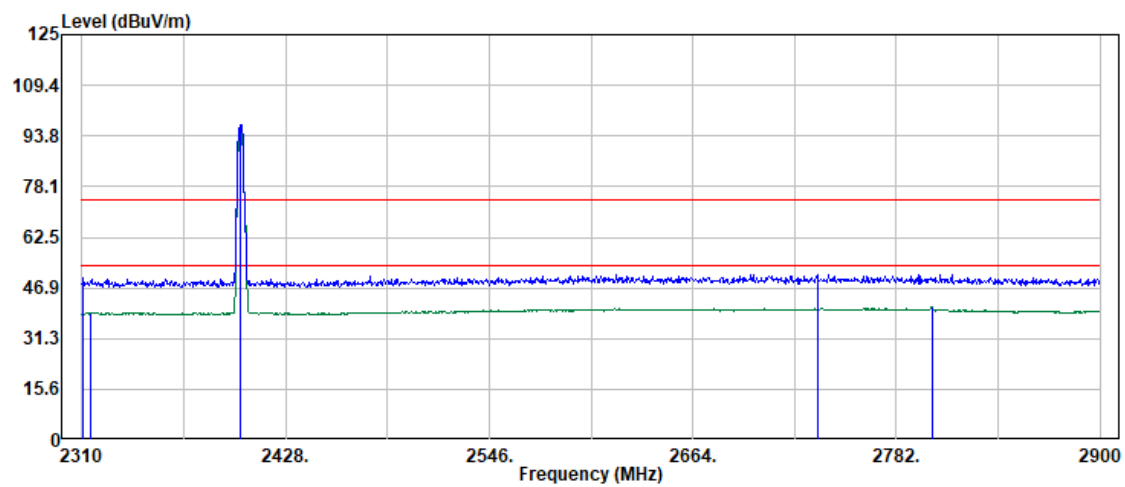


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Project No : TM-2602000265P
Operation Band : BLE_2M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : Default

Test Date : 2026-05-04
Temp./Humi. : 25.3/56
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2311.00	43.80	6.24	50.04	74.00	-23.96	Peak
2315.00	33.02	6.21	39.23	54.00	-14.77	Average
2402.00	91.28	6.11	97.39	--	--	Peak
2402.00	89.16	6.11	95.27	--	--	Average
2736.14	43.55	7.57	51.12	74.00	-22.88	Peak
2802.58	33.49	7.49	40.98	54.00	-13.02	Average

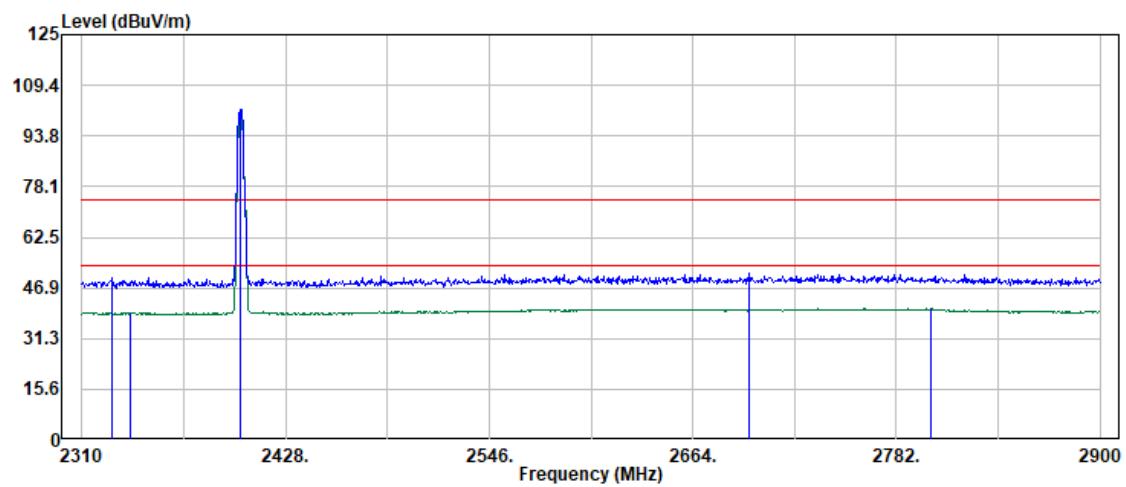


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Project No : TM-2602000265P
Operation Band : BLE_2M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : Default

Test Date : 2026-05-04
Temp./Humi. : 25.3/56
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



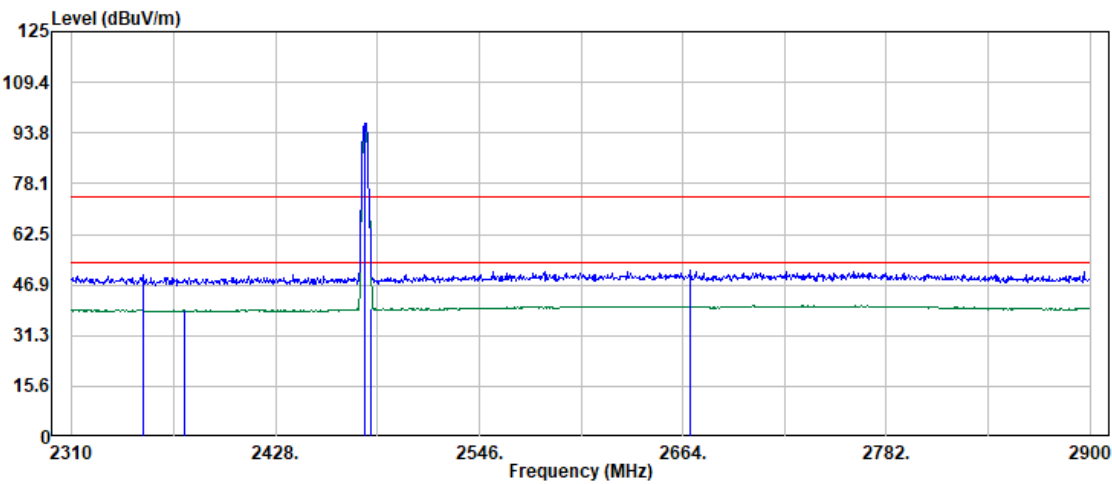
Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2327.49	43.75	6.18	49.93	74.00	-24.07	Peak
2338.48	32.97	6.27	39.24	54.00	-14.76	Average
2402.00	95.80	6.11	101.91	--	--	Peak
2402.00	93.71	6.11	99.82	--	--	Average
2696.67	43.82	7.45	51.27	74.00	-22.73	Peak
2802.08	33.12	7.49	40.61	54.00	-13.39	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: Bandedge	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



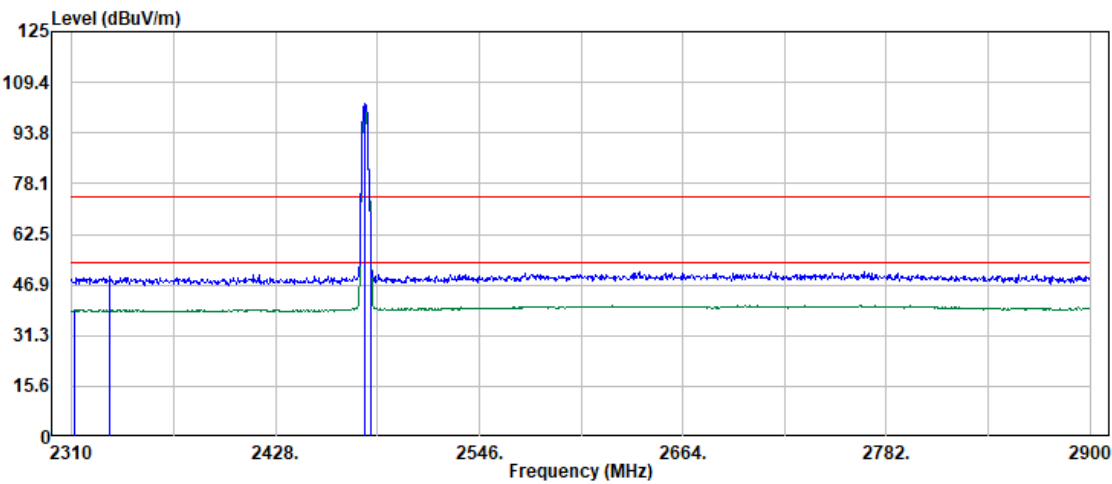
Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2350.97	43.65	6.20	49.85	74.00	-24.15	Peak
2374.95	33.05	6.20	39.25	54.00	-14.75	Average
2480.00	90.27	6.44	96.71	--	--	Peak
2480.00	88.13	6.44	94.57	--	--	Average
2483.50	33.31	6.48	39.79	54.00	-14.21	Average
2668.70	43.86	7.39	51.25	74.00	-22.75	Peak



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: Bandedge	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



Trace: 1						
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2311.50	32.93	6.24	39.17	54.00	-14.83	Average
2331.98	43.23	6.20	49.43	74.00	-24.57	Peak
2480.00	96.25	6.44	102.69	--	--	Peak
2480.00	94.07	6.44	100.51	--	--	Average
2483.50	45.85	6.48	52.33	74.00	-21.67	Peak
2483.50	37.97	6.48	44.45	54.00	-9.55	Average

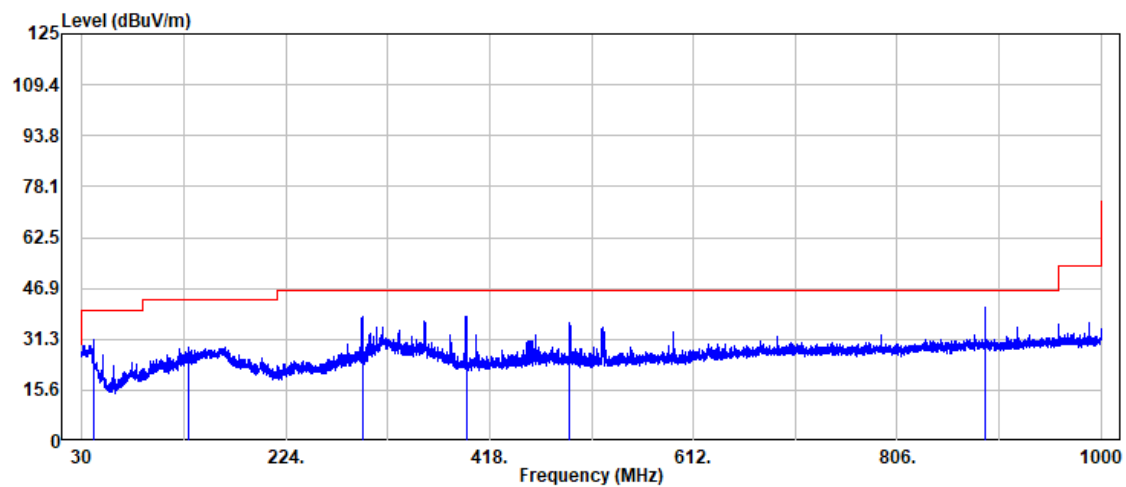


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Test Data: TX

Project No	: TM-2602000265P	Test Date	: 2026-05-22
Operation Band	: BLE_1M	Temp./Humi.	: 25.4/52
Frequency	: 2402 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	:		



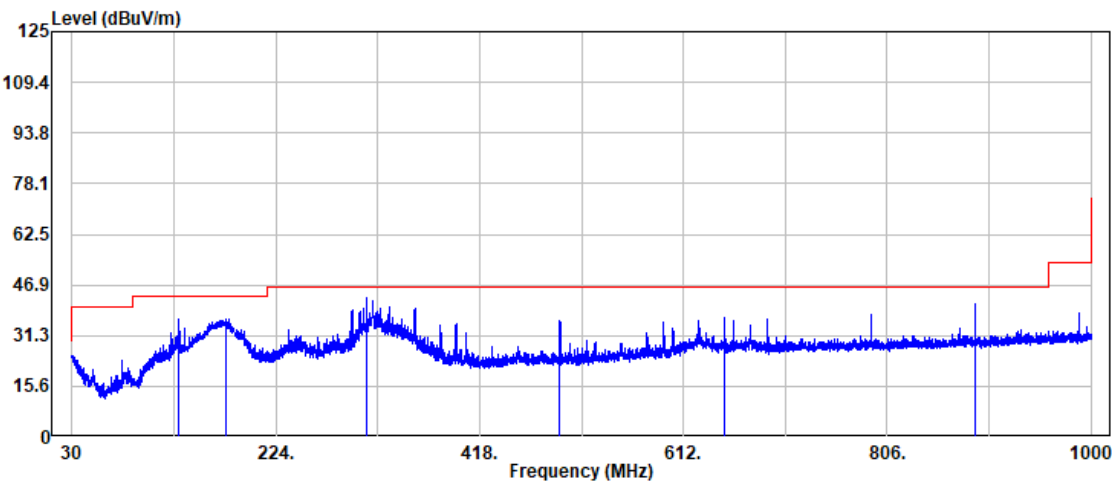
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
41.28	42.16	-11.24	30.92	40.00	-9.08	Peak
131.24	38.55	-9.73	28.82	43.50	-14.68	Peak
296.75	47.30	-9.29	38.01	46.00	-7.99	Peak
395.69	45.17	-6.84	38.33	46.00	-7.67	Peak
494.51	40.81	-4.32	36.49	46.00	-9.51	Peak
890.15	39.28	1.63	40.91	46.00	-5.09	Peak



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Project No	: TM-2602000265P	Test Date	: 2026-05-22
Operation Band	: BLE_1M	Temp./Humi.	: 25.4/52
Frequency	: 2402 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Tony.Chao
EUT Pol	: H	Test Chamber	: 966A
Setting	:		



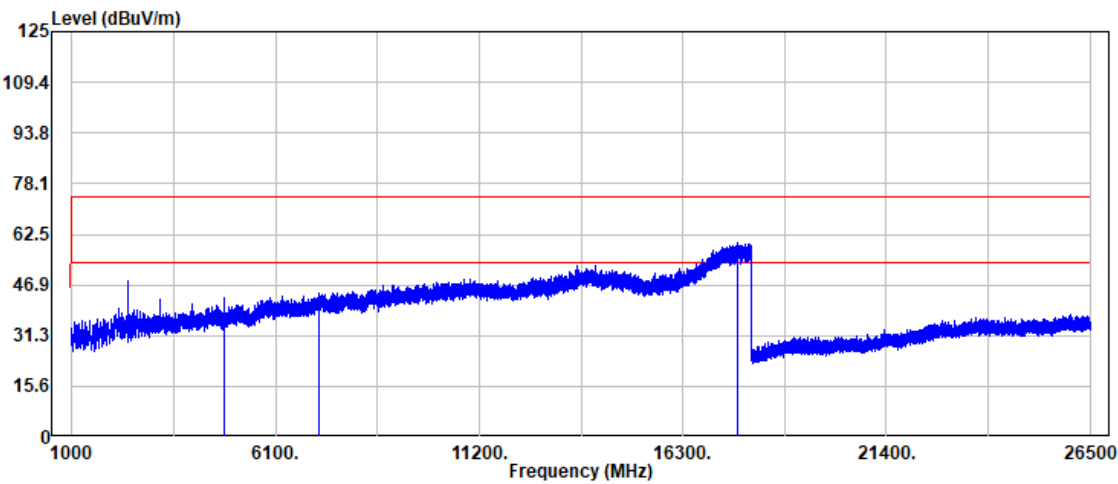
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
131.24	46.14	-9.73	36.41	43.50	-7.09	Peak
177.08	48.14	-11.94	36.20	43.50	-7.30	Peak
310.45	50.77	-8.98	41.79	46.00	-4.21	Peak
494.51	40.19	-4.32	35.87	46.00	-10.13	Peak
651.41	38.26	-1.51	36.75	46.00	-9.25	Peak
890.15	39.58	1.63	41.21	46.00	-4.79	Peak



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



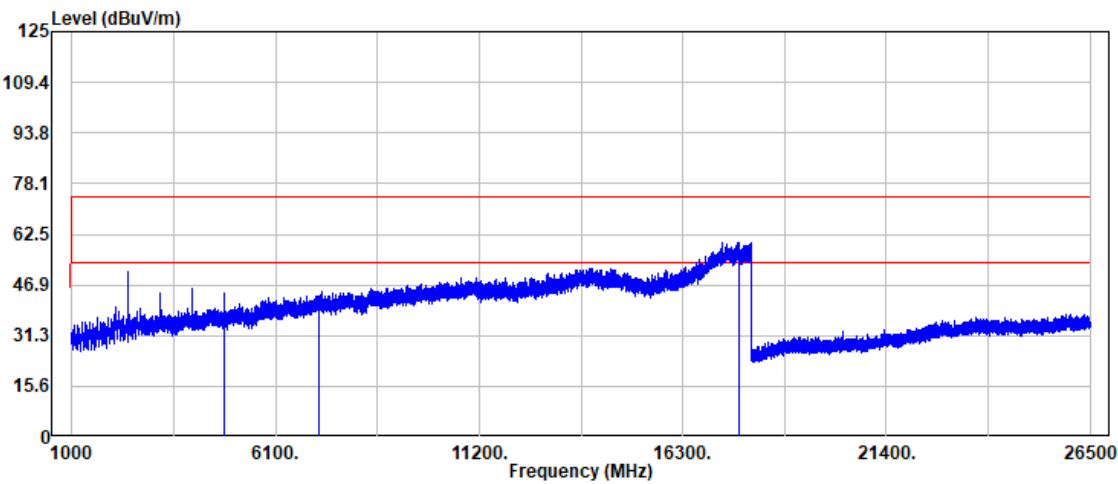
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	40.70	2.34	43.04	74.00	-30.96	Peak
4804.00	35.64	2.34	37.98	54.00	-16.02	Average
7206.00	35.54	9.08	44.62	74.00	-29.38	Peak
7206.00	26.21	9.08	35.29	54.00	-18.71	Average
17673.00	34.43	25.58	60.01	74.00	-13.99	Peak
17673.00	24.07	25.58	49.65	54.00	-4.35	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



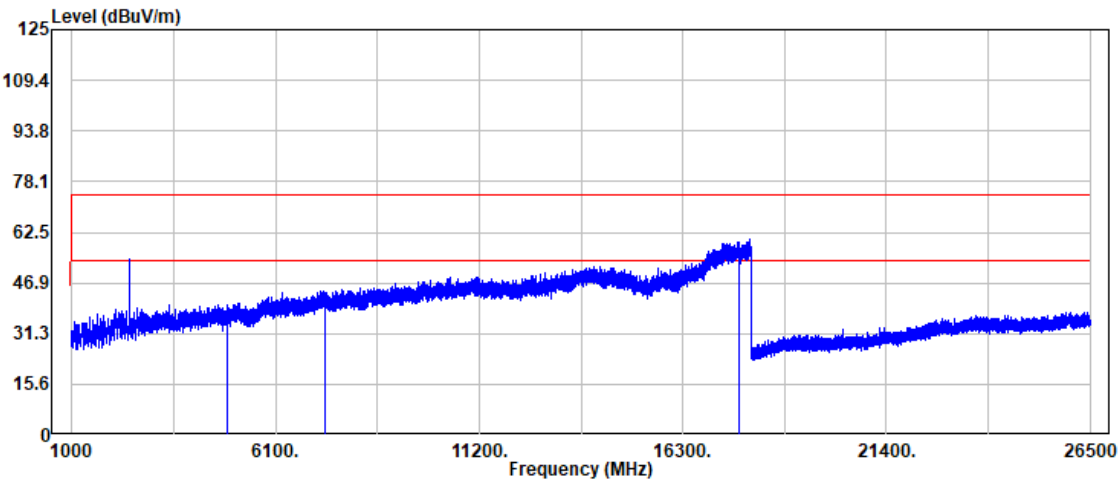
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	42.03	2.34	44.37	74.00	-29.63	Peak
4804.00	39.16	2.34	41.50	54.00	-12.50	Average
7206.00	33.65	9.08	42.73	74.00	-31.27	Peak
7206.00	26.18	9.08	35.26	54.00	-18.74	Average
17692.00	34.05	25.87	59.92	74.00	-14.08	Peak
17692.00	24.04	25.87	49.91	54.00	-4.09	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2442 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



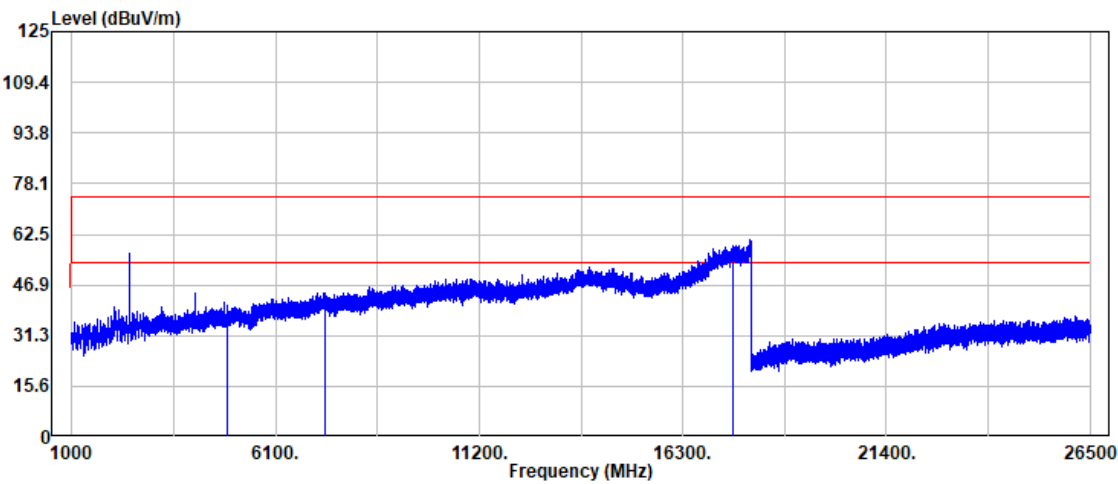
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	37.63	2.57	40.20	74.00	-33.80	Peak
4884.00	32.29	2.57	34.86	54.00	-19.14	Average
7326.00	34.51	9.11	43.62	74.00	-30.38	Peak
7326.00	26.22	9.11	35.33	54.00	-18.67	Average
17714.00	33.77	25.60	59.37	74.00	-14.63	Peak
17714.00	24.09	25.60	49.69	54.00	-4.31	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2442 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



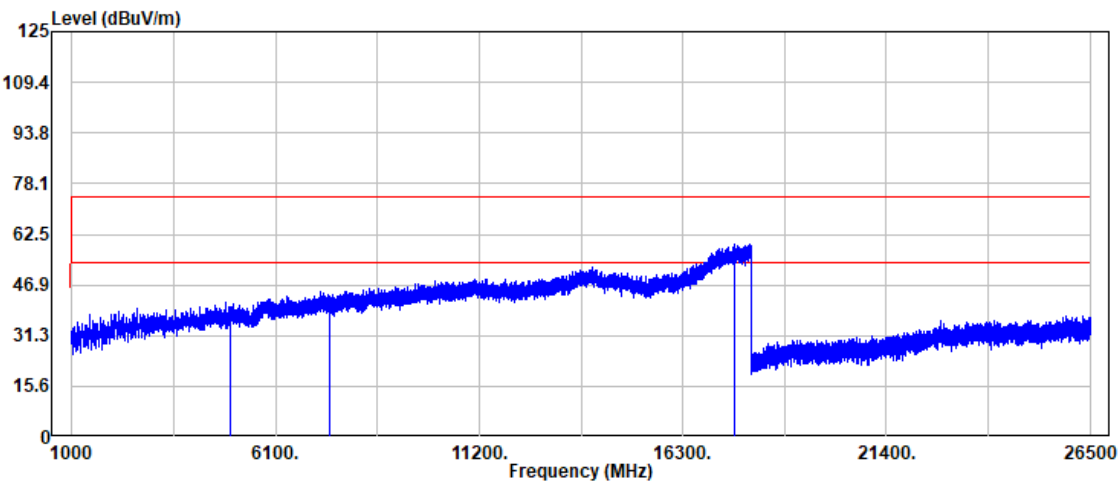
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	37.98	2.57	40.55	74.00	-33.45	Peak
4884.00	34.53	2.57	37.10	54.00	-16.90	Average
7326.00	35.28	9.11	44.39	74.00	-29.61	Peak
7326.00	26.32	9.11	35.43	54.00	-18.57	Average
17573.00	33.69	25.30	58.99	74.00	-15.01	Peak
17573.00	24.08	25.30	49.38	54.00	-4.62	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



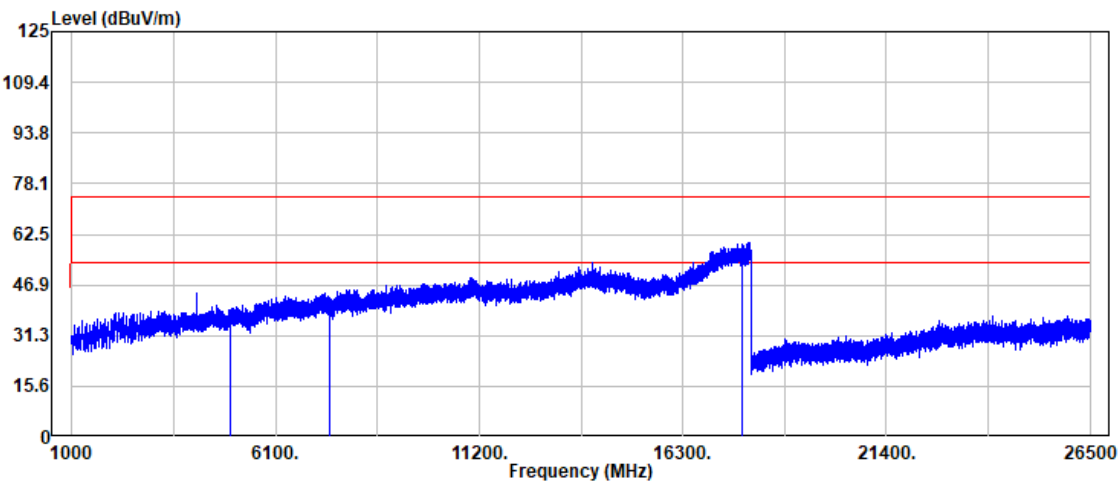
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	36.72	3.40	40.12	74.00	-33.88	Peak
4960.00	29.59	3.40	32.99	54.00	-21.01	Average
7440.00	34.49	9.07	43.56	74.00	-30.44	Peak
7440.00	26.13	9.07	35.20	54.00	-18.80	Average
17588.00	33.91	25.39	59.30	74.00	-14.70	Peak
17588.00	24.12	25.39	49.51	54.00	-4.49	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_1M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



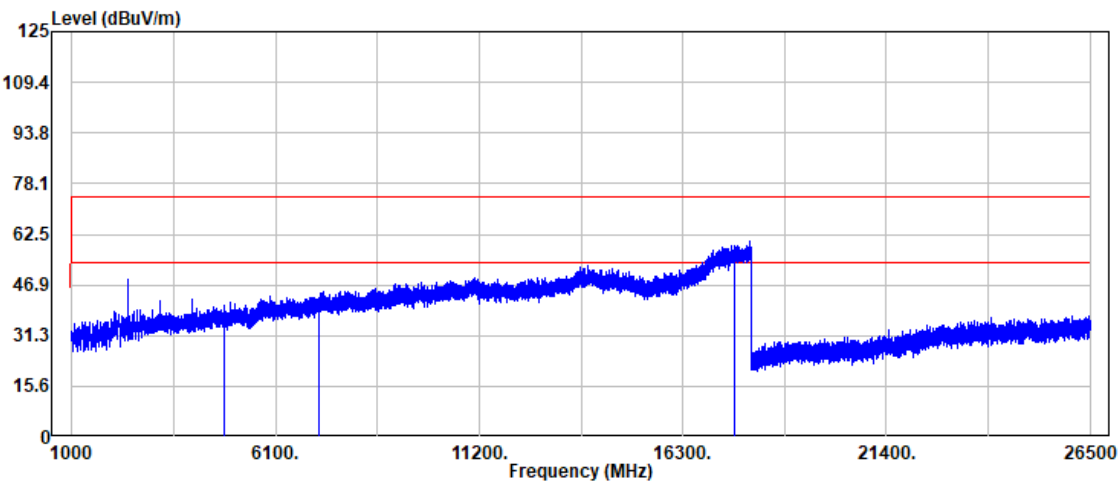
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	35.62	3.40	39.02	74.00	-34.98	Peak
4960.00	31.76	3.40	35.16	54.00	-18.84	Average
7440.00	34.16	9.07	43.23	74.00	-30.77	Peak
7440.00	26.53	9.07	35.60	54.00	-18.40	Average
17795.00	34.17	25.47	59.64	74.00	-14.36	Peak
17795.00	24.19	25.47	49.66	54.00	-4.34	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



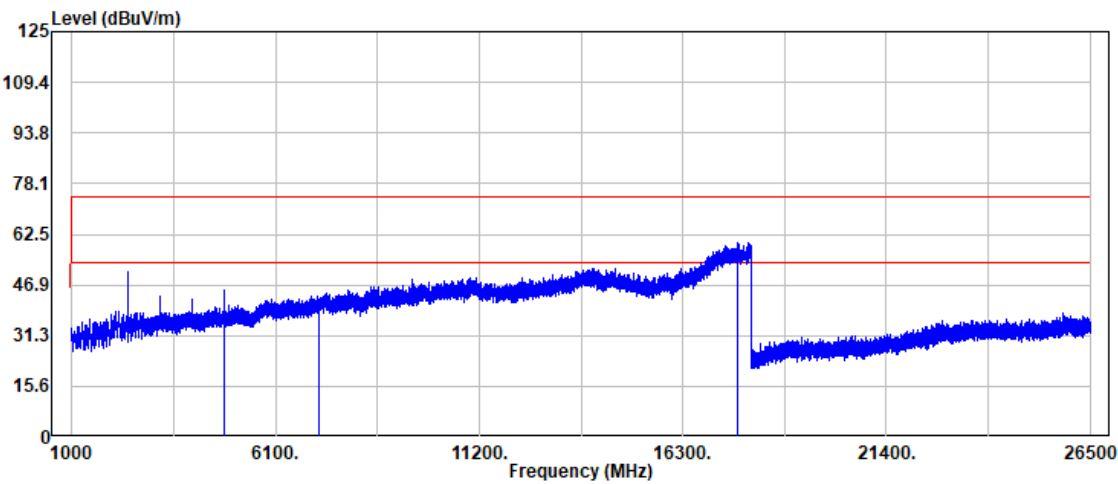
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	38.37	2.34	40.71	74.00	-33.29	Peak
4804.00	34.61	2.34	36.95	54.00	-17.05	Average
7206.00	33.87	9.08	42.95	74.00	-31.05	Peak
7206.00	26.41	9.08	35.49	54.00	-18.51	Average
17579.00	33.79	25.33	59.12	74.00	-14.88	Peak
17579.00	24.21	25.33	49.54	54.00	-4.46	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2402 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



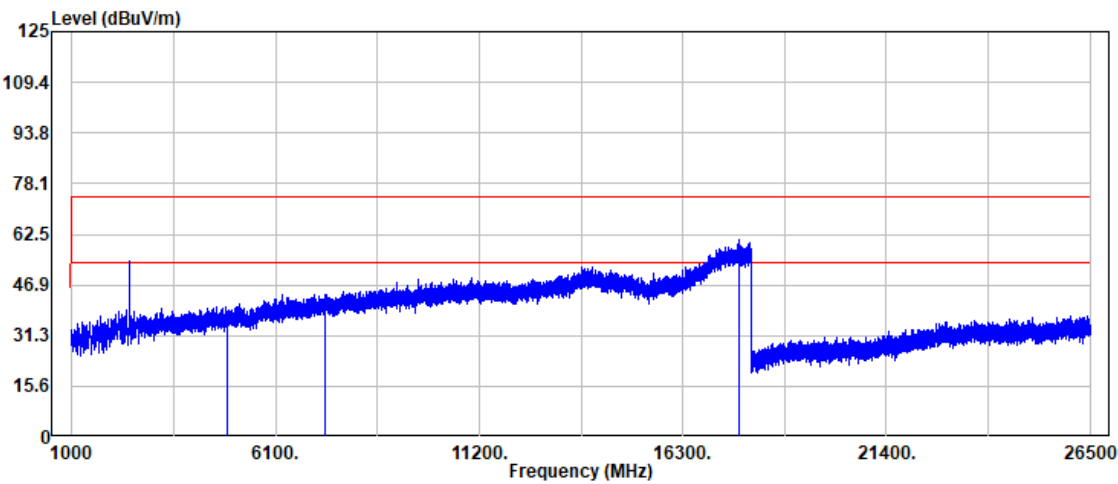
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	43.08	2.34	45.42	74.00	-28.58	Peak
4804.00	37.40	2.34	39.74	54.00	-14.26	Average
7206.00	33.73	9.08	42.81	74.00	-31.19	Peak
7206.00	26.16	9.08	35.24	54.00	-18.76	Average
17688.00	33.97	25.80	59.77	74.00	-14.23	Peak
17688.00	24.16	25.80	49.96	54.00	-4.04	Average



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Rev. 00

Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2442 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



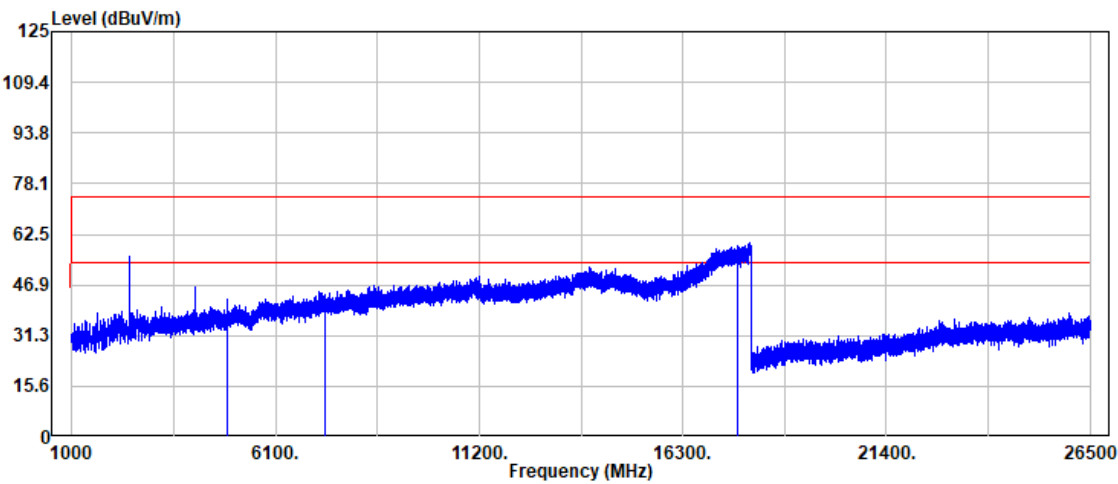
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	35.99	2.57	38.56	74.00	-35.44	Peak
4884.00	31.06	2.57	33.63	54.00	-20.37	Average
7326.00	34.21	9.11	43.32	74.00	-30.68	Peak
7326.00	26.46	9.11	35.57	54.00	-18.43	Average
17708.00	35.29	25.75	61.04	74.00	-12.96	Peak
17708.00	24.14	25.75	49.89	54.00	-4.11	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2442 MHz	Antenna Pol.	: HORIZONTAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



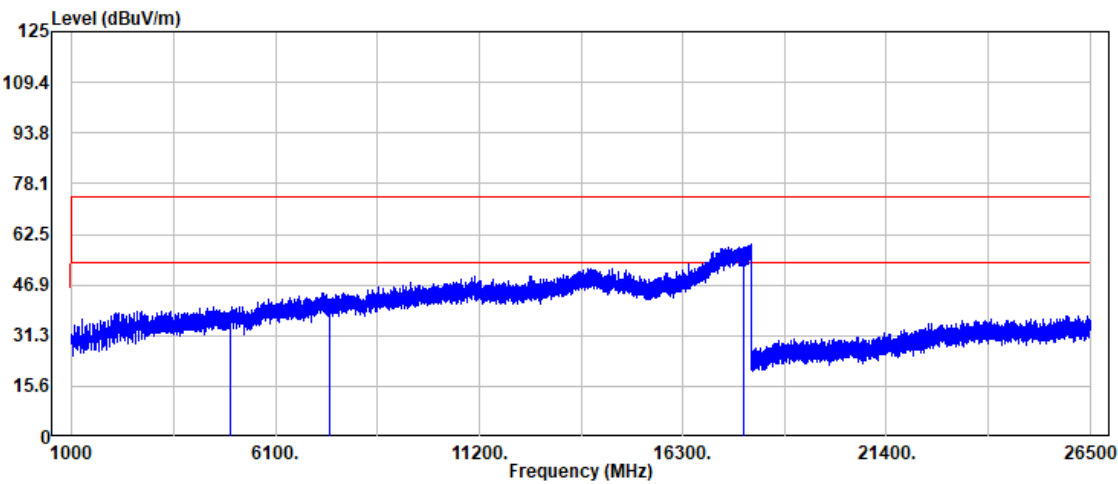
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	39.79	2.57	42.36	74.00	-31.64	Peak
4884.00	34.11	2.57	36.68	54.00	-17.32	Average
7326.00	34.24	9.11	43.35	74.00	-30.65	Peak
7326.00	26.30	9.11	35.41	54.00	-18.59	Average
17671.00	33.27	25.55	58.82	74.00	-15.18	Peak
17671.00	24.17	25.55	49.72	54.00	-4.28	Average



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Project No	: TM-2602000265P	Test Date	: 2026-05-04
Operation Band	: BLE_2M	Temp./Humi.	: 25.3/56
Frequency	: 2480 MHz	Antenna Pol.	: VERTICAL
Operation Mode	: TX	Engineer	: Ben.Yang
EUT Pol	: H	Test Chamber	: 966A
Setting	: Default		



Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	35.51	3.40	38.91	74.00	-35.09	Peak
4960.00	28.74	3.40	32.14	54.00	-21.86	Average
7440.00	33.23	9.07	42.30	74.00	-31.70	Peak
7440.00	26.39	9.07	35.46	54.00	-18.54	Average
17811.00	32.95	25.50	58.45	74.00	-15.55	Peak
17811.00	24.25	25.50	49.75	54.00	-4.25	Average

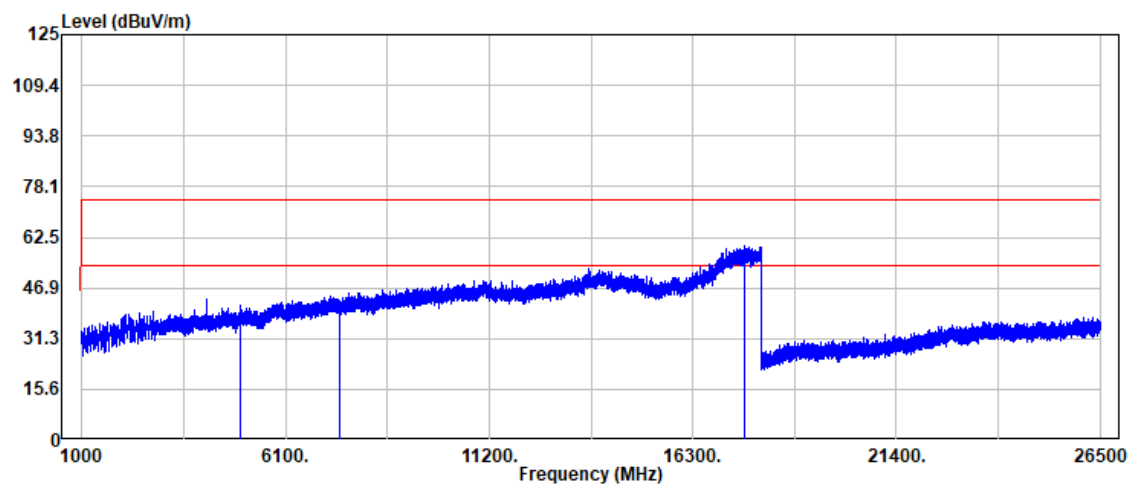


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Report No.: TMWK2603001432KR

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Project No : TM-2602000265P
Operation Band : BLE_2M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : Default

Test Date : 2026-05-04
Temp./Humi. : 25.3/56
Antenna Pol. : HORIZONTAL
Engineer : Ben.Yang
Test Chamber : 966A



Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	38.04	3.40	41.44	74.00	-32.56	Peak
4960.00	31.31	3.40	34.71	54.00	-19.29	Average
7440.00	33.39	9.07	42.46	74.00	-31.54	Peak
7440.00	26.49	9.07	35.56	54.00	-18.44	Average
17614.00	34.50	25.39	59.89	74.00	-14.11	Peak
17614.00	24.12	25.39	49.51	54.00	-4.49	Average

- End of Test Report -