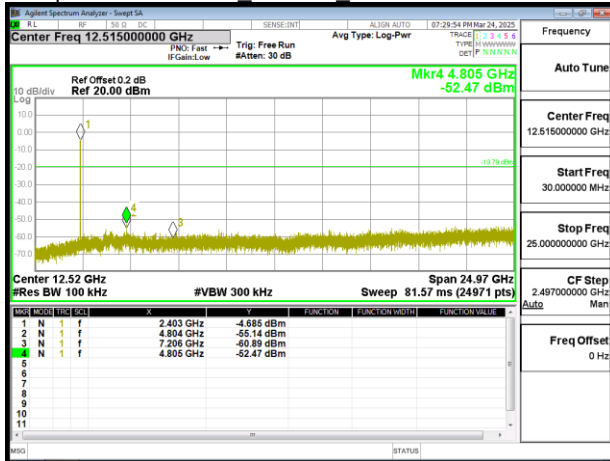
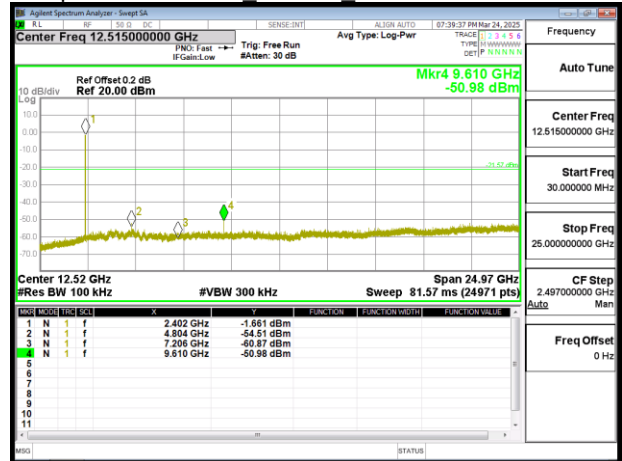


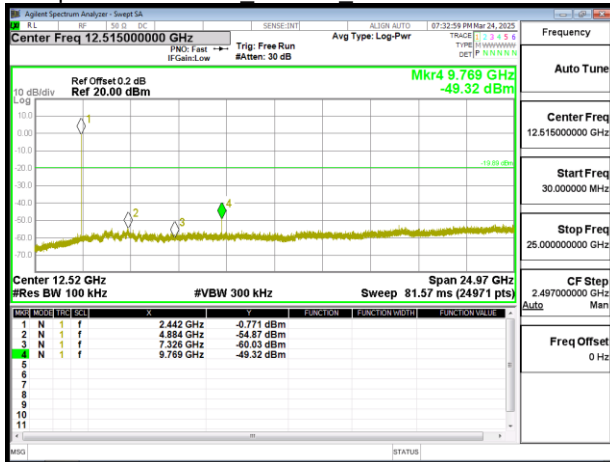
Spurious Emission BLE 1M LowCH00-2402MHz



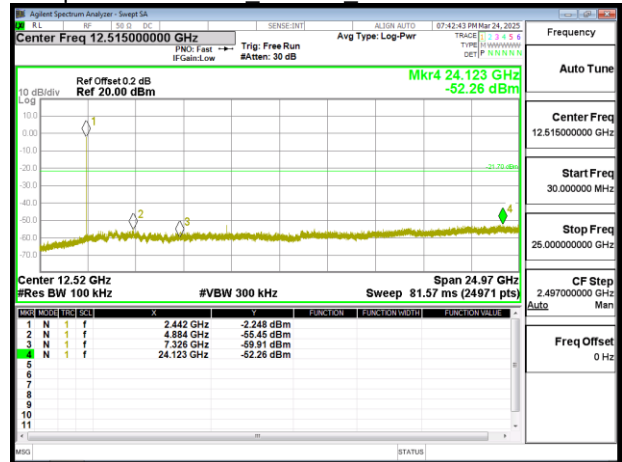
Spurious Emission BLE 2M LowCH00-2402MHz



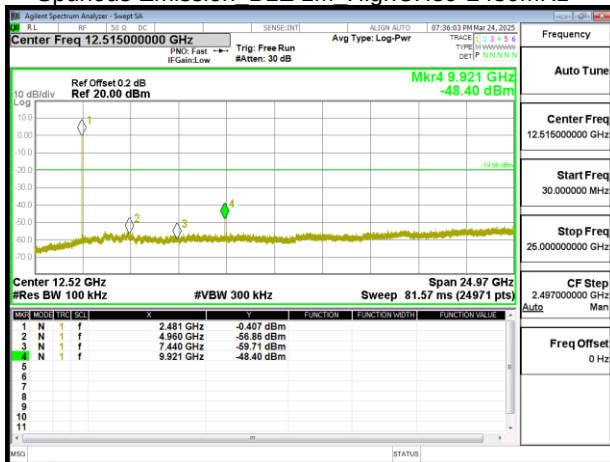
Spurious Emission BLE 1M MidCH20-2442MHz



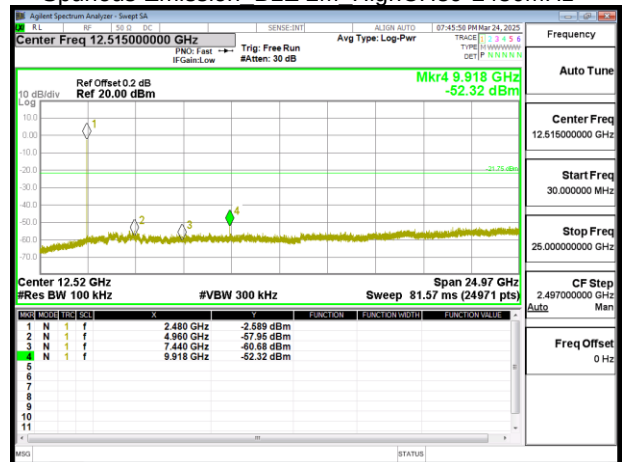
Spurious Emission BLE 2M MidCH20-2442MHz



Spurious Emission BLE 1M HighCH39-2480MHz



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: 2013, 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*RBW, Sweep = Auto,

Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

(3.1) For Peak measurement : RBW = 1MHz, VBW $\geq$ 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.

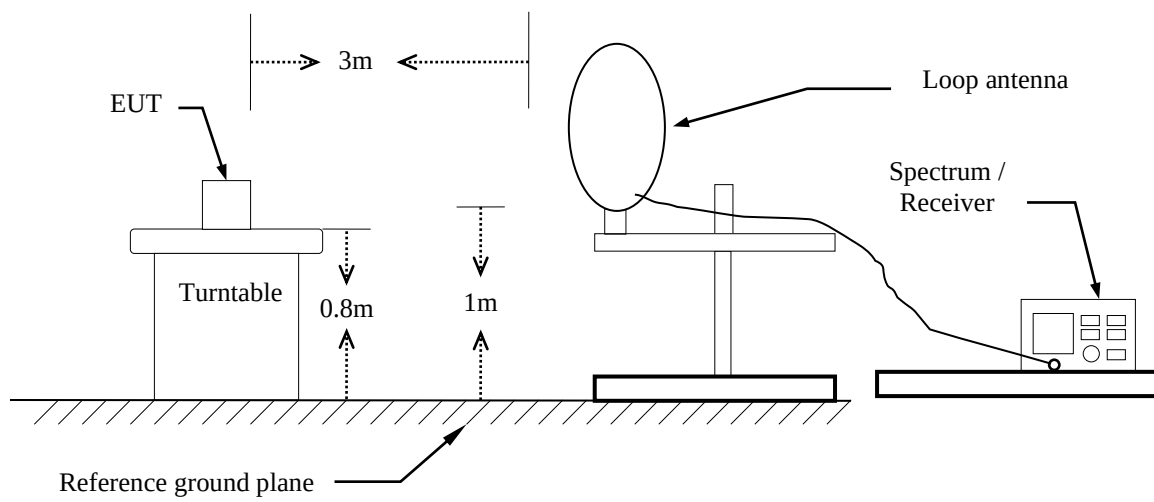
6. Data result

Actual FS=Spectrum Reading Level+Factor

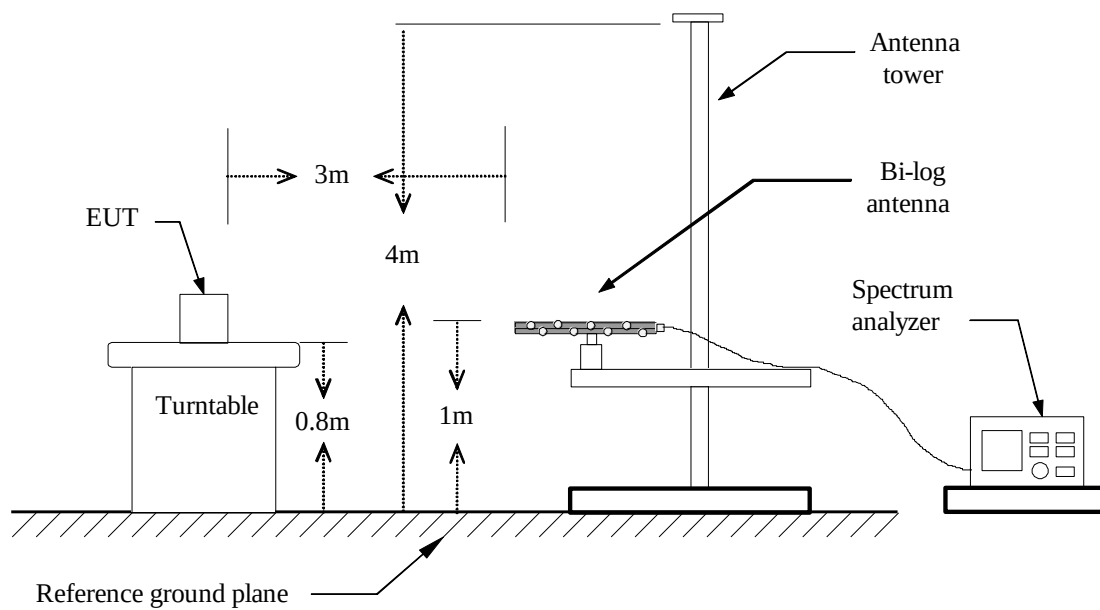
Margin=Actual FS- Limit

4.6.3 Test Setup

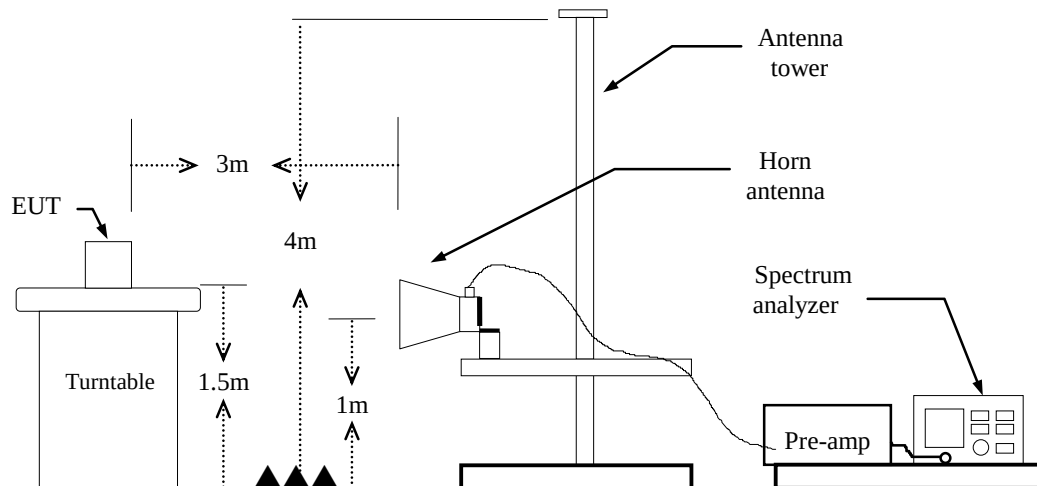
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz

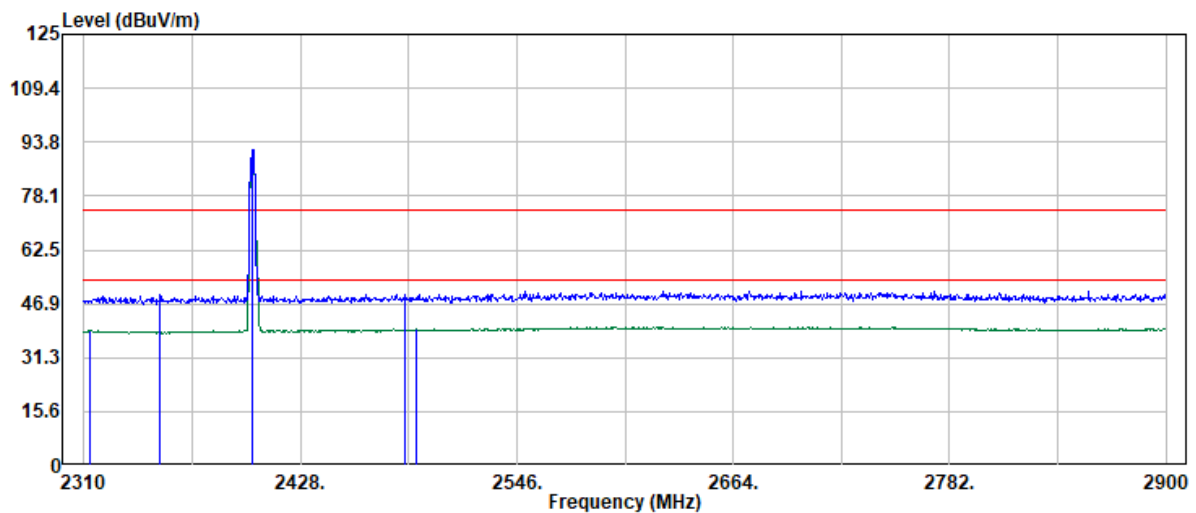


4.6.4 Test Result

Band Edge Test Data:

Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : Vertical
Engineer : Tony.Chao
Test Chamber : 966A



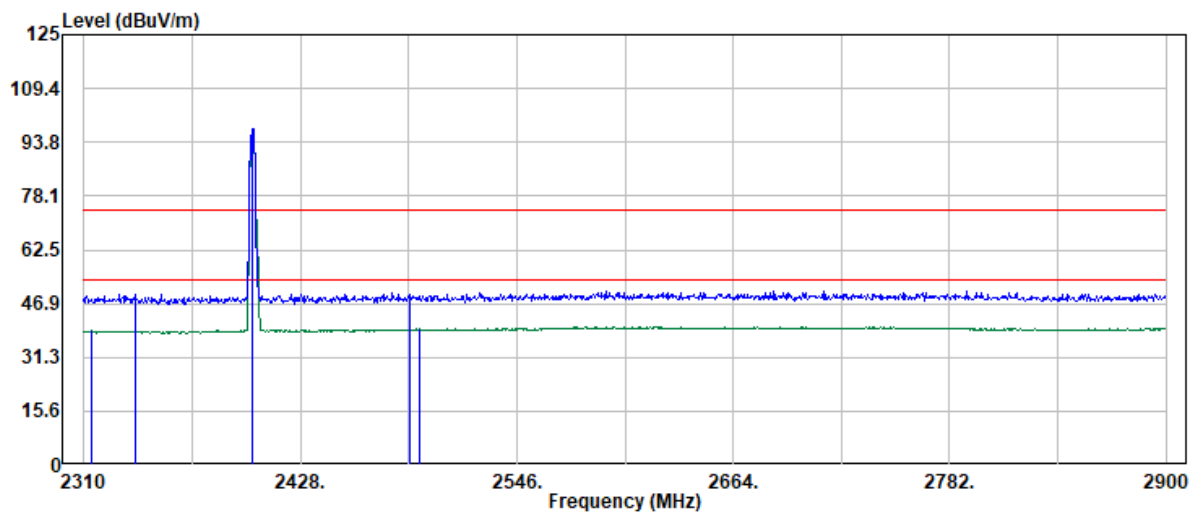
Trace: 1						
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2313.50	32.77	6.25	39.02	54.00	-14.98	Average
2351.47	43.78	5.98	49.76	74.00	-24.24	Peak
2402.00	85.18	6.28	91.46	--	--	Peak
2402.00	84.99	6.28	91.27	--	--	Average
2484.85	43.08	6.66	49.74	74.00	-24.26	Peak
2491.35	32.81	6.70	39.51	54.00	-14.49	Average

Project No.: TM-2503000019P
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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

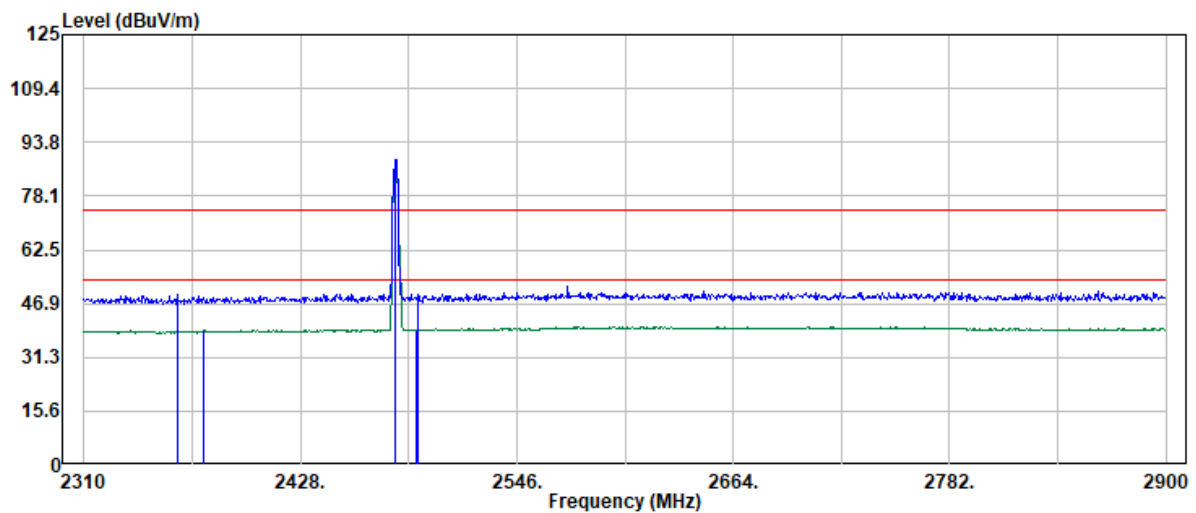
Freq	Read	Factor	Actual	Limit	Margin	Detector
MHz	Level		FS	@3m		Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2314.00	32.78	6.24	39.02	54.00	-14.98	Average
2337.98	43.43	6.10	49.53	74.00	-24.47	Peak
2402.00	91.33	6.28	97.61	--	--	Peak
2402.00	91.16	6.28	97.44	--	--	Average
2487.35	43.00	6.68	49.68	74.00	-24.32	Peak
2492.85	32.74	6.70	39.44	54.00	-14.56	Average

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Report No.: TMWK2503001004KR

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

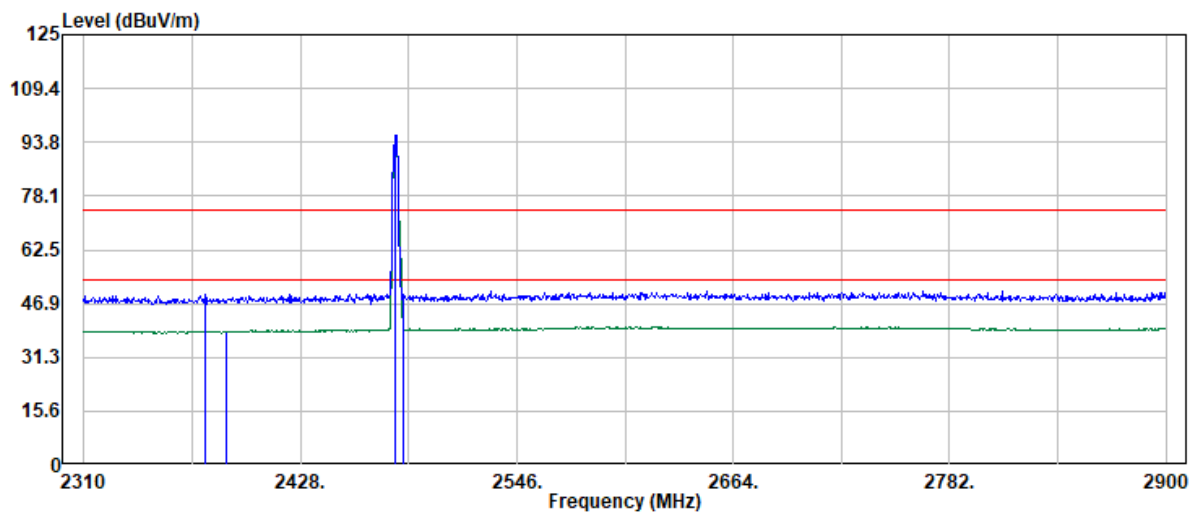
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	Level	-----	FS	@3m	-----	Mode
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2360.96	43.62	6.03	49.65	74.00	-24.35	Peak
2374.95	32.87	6.12	38.99	54.00	-15.01	Average
2480.00	82.10	6.61	88.71	--	--	Peak
2480.00	81.81	6.61	88.42	--	--	Average
2490.85	32.63	6.70	39.33	54.00	-14.67	Average
2491.85	42.76	6.70	49.46	74.00	-24.54	Peak

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

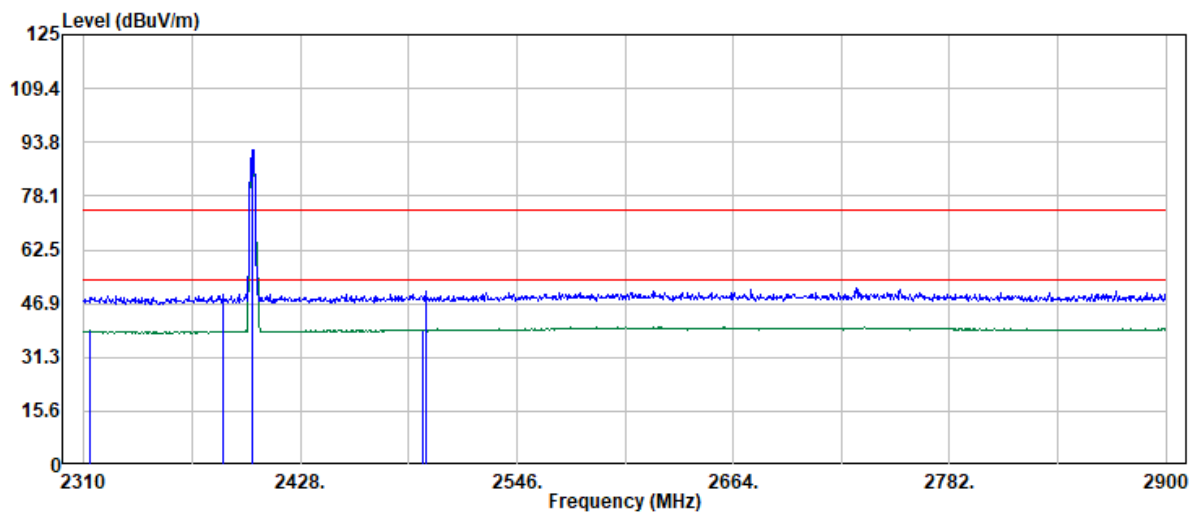
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	Level	-----	FS	@3m	-----	Mode
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2376.44	43.35	6.14	49.49	74.00	-24.51	Peak
2387.43	32.70	6.20	38.90	54.00	-15.10	Average
2480.00	89.12	6.61	95.73	--	--	Peak
2480.00	88.87	6.61	95.48	--	--	Average
2483.85	43.05	6.66	49.71	74.00	-24.29	Peak
2483.85	33.49	6.66	40.15	54.00	-13.85	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

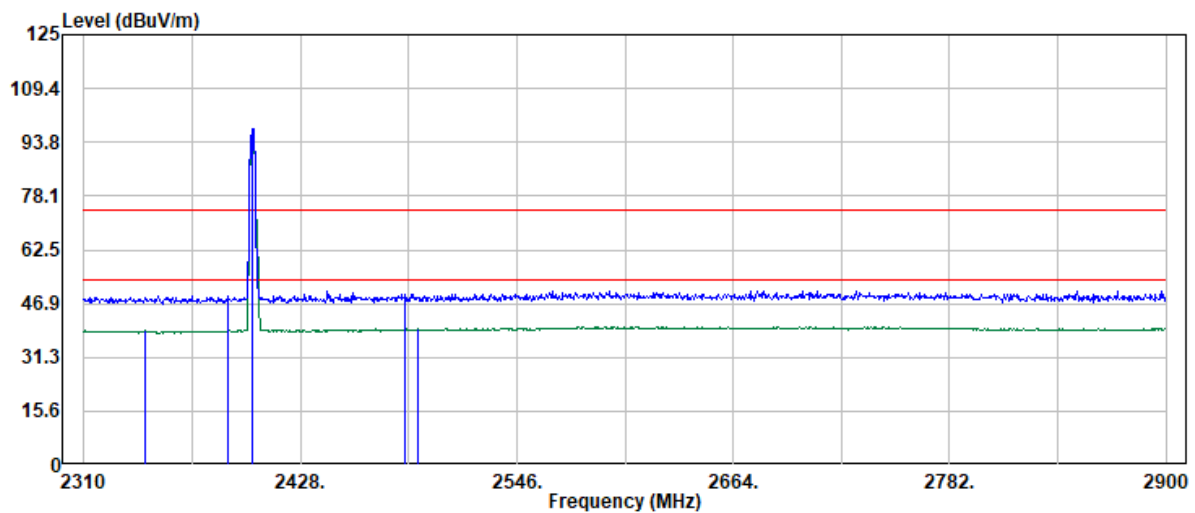
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2313.50	32.72	6.25	38.97	54.00	-15.03	Average
2385.44	43.49	6.19	49.68	74.00	-24.32	Peak
2402.00	85.10	6.28	91.38	--	--	Peak
2402.00	84.90	6.28	91.18	--	--	Average
2494.34	32.62	6.70	39.32	54.00	-14.68	Average
2496.34	43.89	6.70	50.59	74.00	-23.41	Peak

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

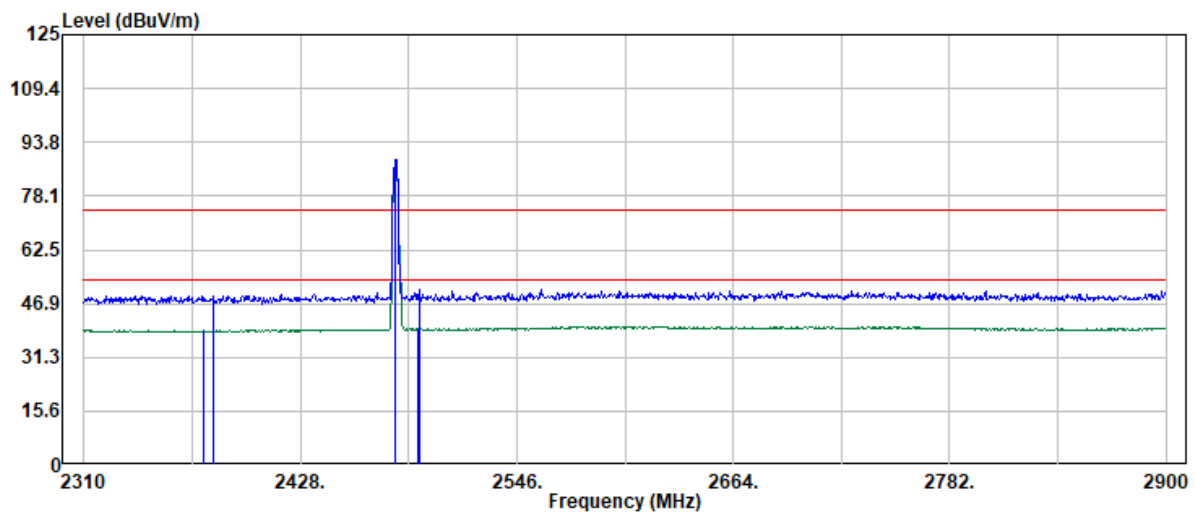
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2343.47	32.90	6.06	38.96	54.00	-15.04	Average
2388.93	42.78	6.22	49.00	74.00	-25.00	Peak
2402.00	91.46	6.28	97.74	--	--	Peak
2402.00	91.25	6.28	97.53	--	--	Average
2485.35	43.10	6.66	49.76	74.00	-24.24	Peak
2492.35	32.71	6.70	39.41	54.00	-14.59	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

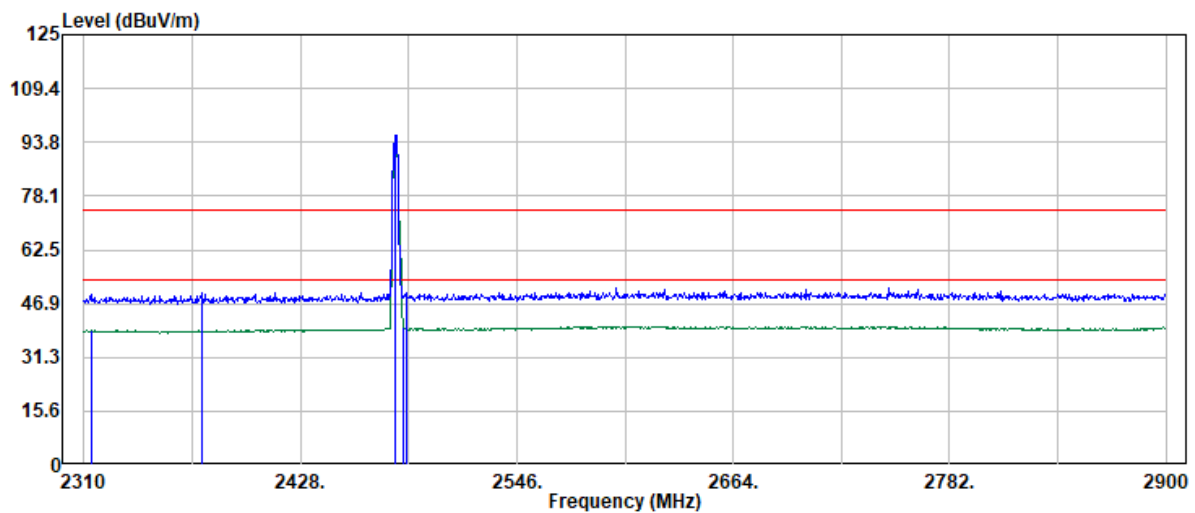
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2374.95	32.95	6.12	39.07	54.00	-14.93	Average
2380.94	42.97	6.17	49.14	74.00	-24.86	Peak
2480.00	82.21	6.61	88.82	--	--	Peak
2480.00	81.96	6.61	88.57	--	--	Average
2491.85	32.92	6.70	39.62	54.00	-14.38	Average
2492.85	44.08	6.70	50.78	74.00	-23.22	Peak

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

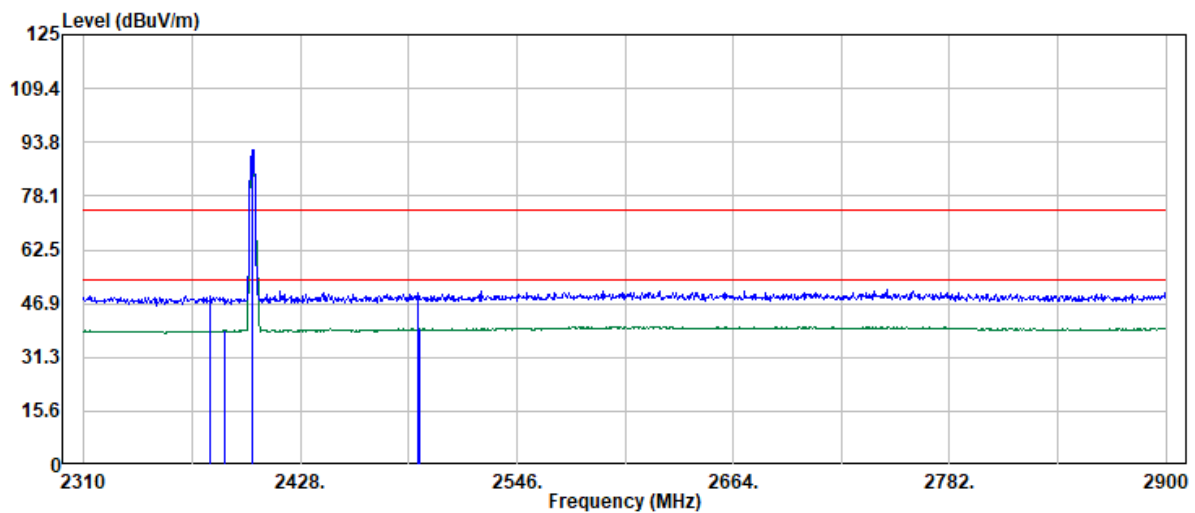
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2314.00	32.87	6.24	39.11	54.00	-14.89	Average
2373.95	43.74	6.11	49.85	74.00	-24.15	Peak
2480.00	89.31	6.61	95.92	--	--	Peak
2480.00	89.06	6.61	95.67	--	--	Average
2483.85	33.54	6.66	40.20	54.00	-13.80	Average
2485.85	43.20	6.67	49.87	74.00	-24.13	Peak

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



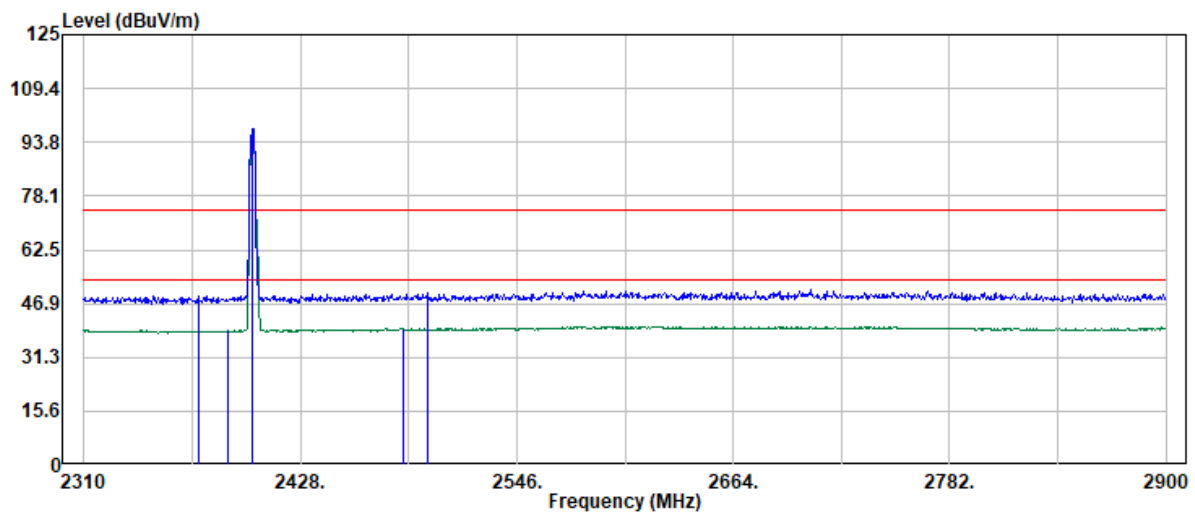
Trace: 1						
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2378.94	42.98	6.15	49.13	74.00	-24.87	Peak
2386.94	33.05	6.20	39.25	54.00	-14.75	Average
2402.00	85.20	6.28	91.48	--	--	Peak
2402.00	85.02	6.28	91.30	--	--	Average
2492.35	43.31	6.70	50.01	74.00	-23.99	Peak
2493.35	32.87	6.69	39.56	54.00	-14.44	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

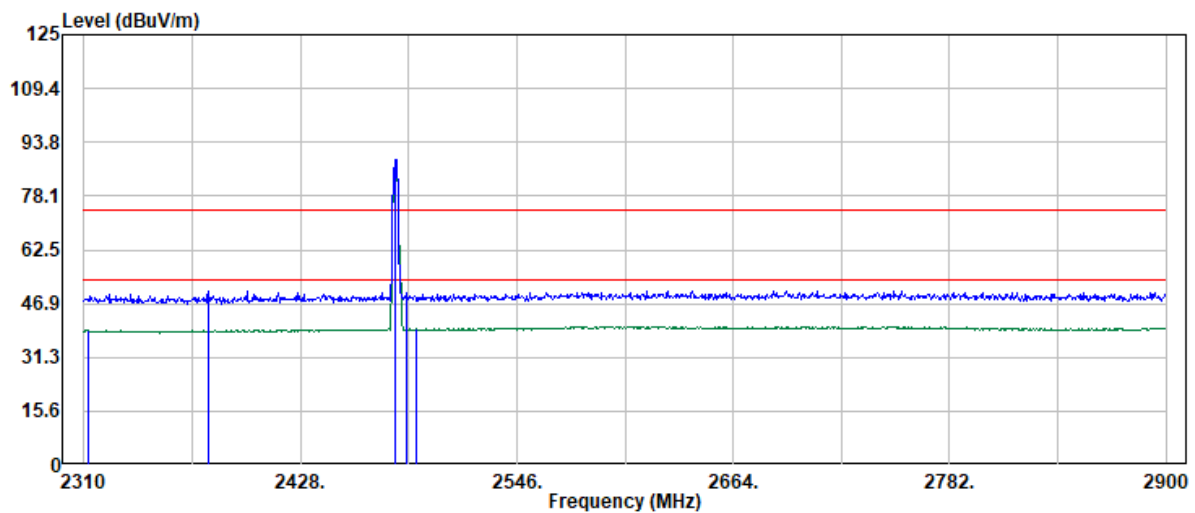
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	Level	-----	FS	@3m	-----	Mode
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2372.45	42.95	6.10	49.05	74.00	-24.95	Peak
2388.43	32.85	6.20	39.05	54.00	-14.95	Average
2402.00	91.51	6.28	97.79	--	--	Peak
2402.00	91.32	6.28	97.60	--	--	Average
2483.85	32.83	6.66	39.49	54.00	-14.51	Average
2497.34	43.14	6.70	49.84	74.00	-24.16	Peak

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

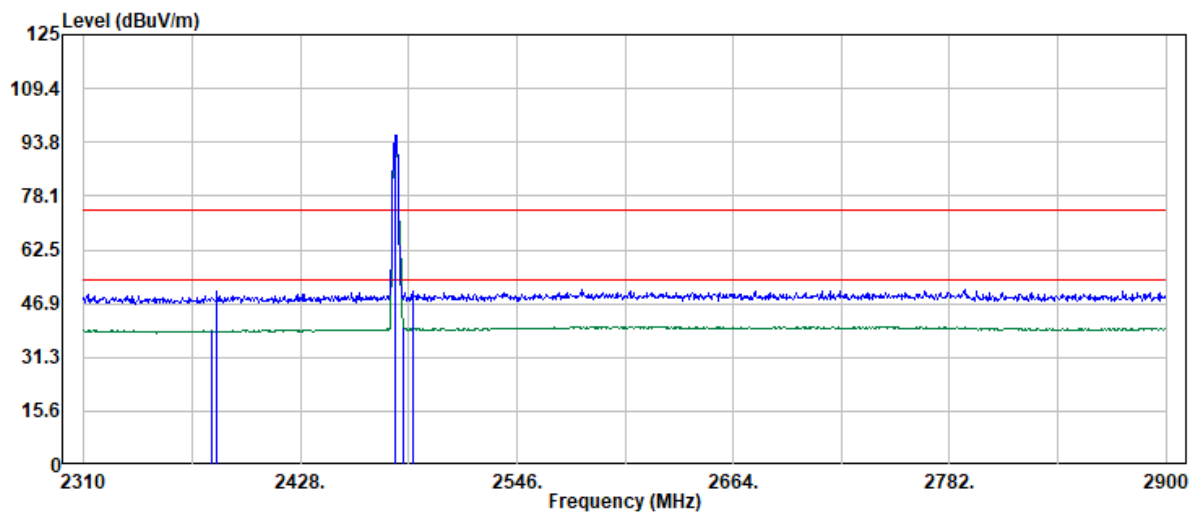
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2312.00	32.78	6.27	39.05	54.00	-14.95	Average
2377.94	44.13	6.14	50.27	74.00	-23.73	Peak
2480.00	82.19	6.61	88.80	--	--	Peak
2480.00	81.91	6.61	88.52	--	--	Average
2486.35	43.41	6.67	50.08	74.00	-23.92	Peak
2491.35	32.80	6.70	39.50	54.00	-14.50	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

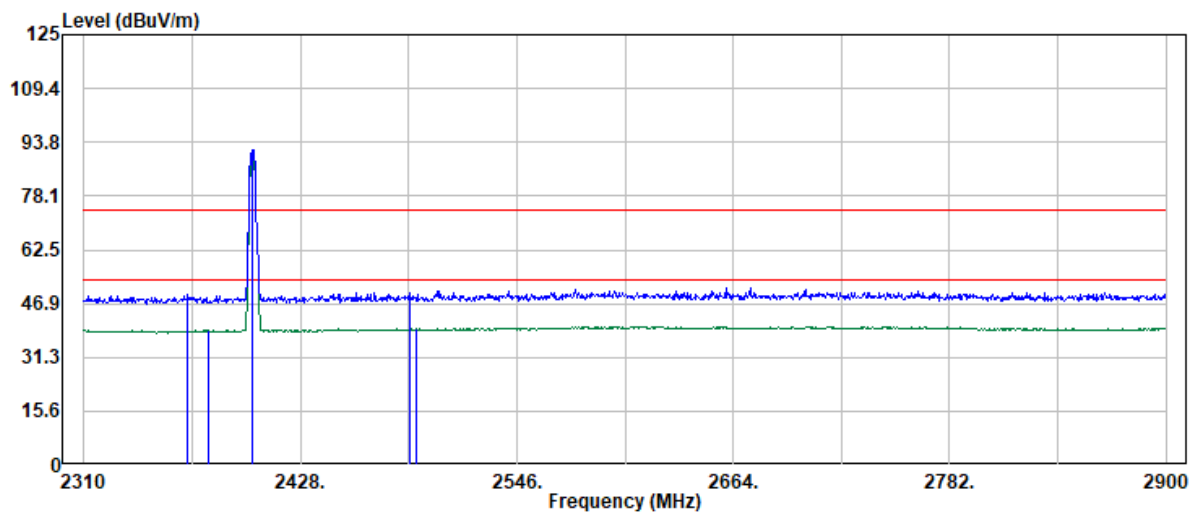
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2379.44	32.92	6.15	39.07	54.00	-14.93	Average
2382.44	44.14	6.18	50.32	74.00	-23.68	Peak
2480.00	89.29	6.61	95.90	--	--	Peak
2480.00	89.04	6.61	95.65	--	--	Average
2483.85	33.62	6.66	40.28	54.00	-13.72	Average
2489.35	43.82	6.69	50.51	74.00	-23.49	Peak

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

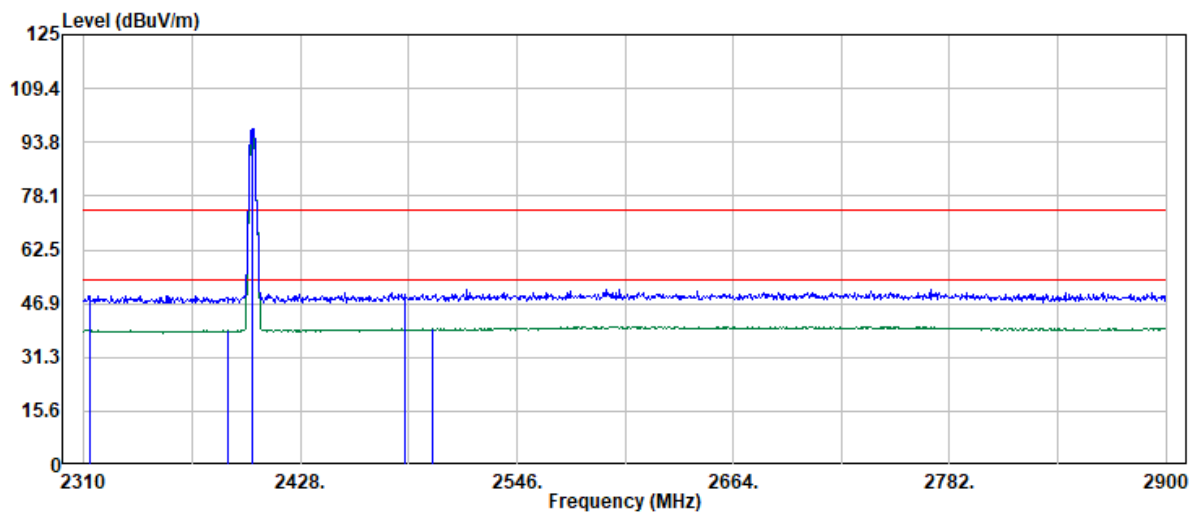
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2366.45	43.25	6.07	49.32	74.00	-24.68	Peak
2377.94	32.96	6.14	39.10	54.00	-14.90	Average
2402.00	85.22	6.28	91.50	--	--	Peak
2402.00	84.15	6.28	90.43	--	--	Average
2487.35	43.47	6.68	50.15	74.00	-23.85	Peak
2491.35	32.78	6.70	39.48	54.00	-14.52	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2402 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

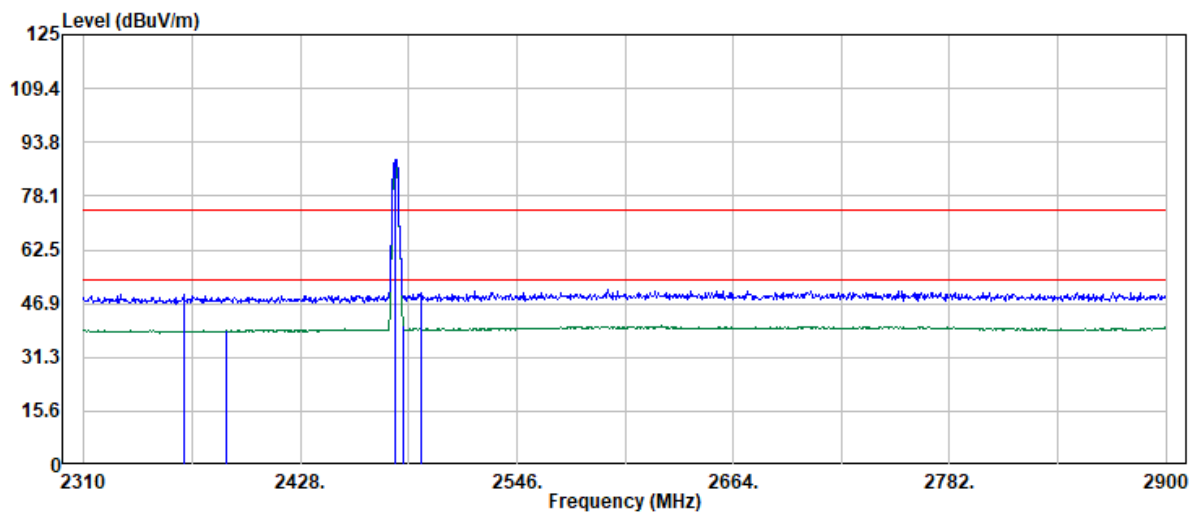
Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	Level	-----	FS	@3m	-----	Mode
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2313.00	42.95	6.25	49.20	74.00	-24.80	Peak
2388.93	32.95	6.22	39.17	54.00	-14.83	Average
2402.00	91.56	6.28	97.84	--	--	Peak
2402.00	90.48	6.28	96.76	--	--	Average
2484.85	42.81	6.66	49.47	74.00	-24.53	Peak
2499.84	32.72	6.69	39.41	54.00	-14.59	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



Trace: 1

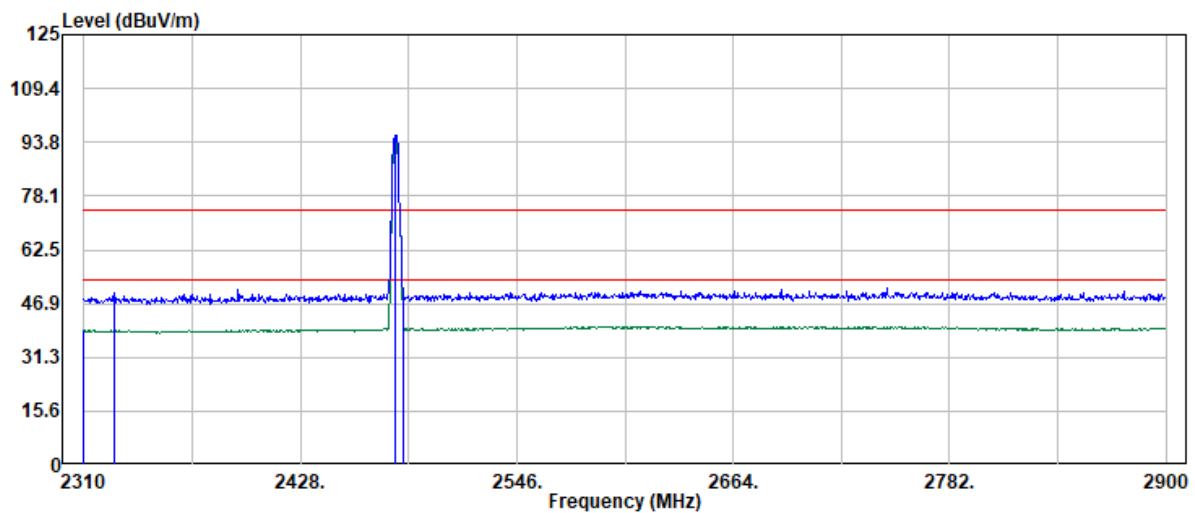
Freq	Read		Actual	Limit		Detector
-----	Level	Factor	FS	@3m	Margin	Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2364.45	43.28	6.05	49.33	74.00	-24.67	Peak
2387.93	32.94	6.20	39.14	54.00	-14.86	Average
2480.00	82.26	6.61	88.87	--	--	Peak
2480.00	81.12	6.61	87.73	--	--	Average
2483.85	34.06	6.66	40.72	54.00	-13.28	Average
2493.84	43.37	6.70	50.07	74.00	-23.93	Peak

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



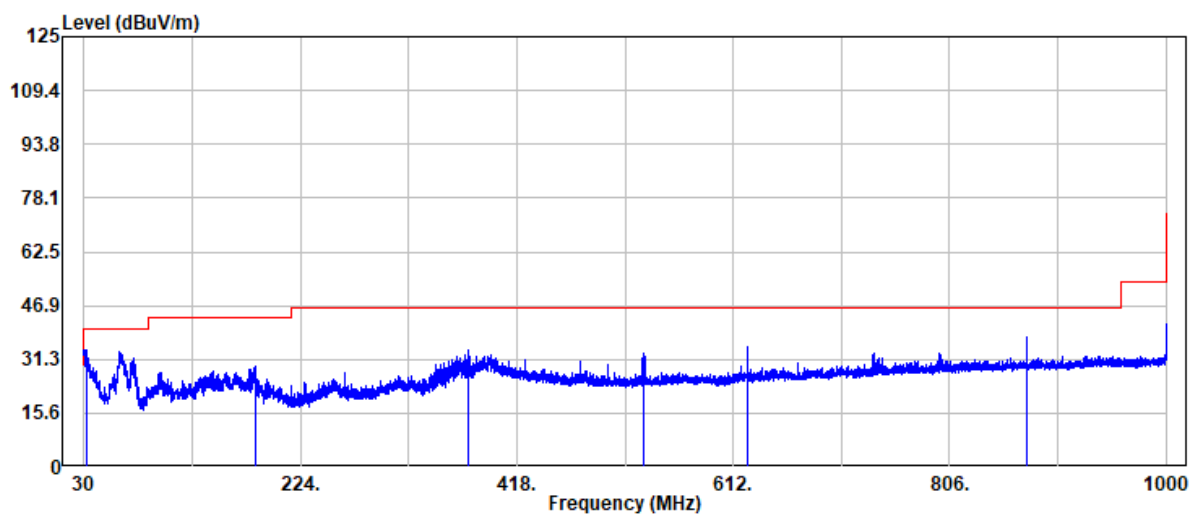
Trace: 1

Freq	Read	Factor	Actual	Limit	Margin	Detector
-----	Level	-----	FS	@3m	-----	Mode
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
2310.00	32.88	6.29	39.17	54.00	-14.83	Average
2326.49	43.64	6.13	49.77	74.00	-24.23	Peak
2480.00	89.34	6.61	95.95	--	--	Peak
2480.00	88.21	6.61	94.82	--	--	Average
2483.85	43.24	6.66	49.90	74.00	-24.10	Peak
2483.85	37.09	6.66	43.75	54.00	-10.25	Average

TX Test Data:

Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting :

Test Date : 2025-03-25
Temp./Humi. : 24.4/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



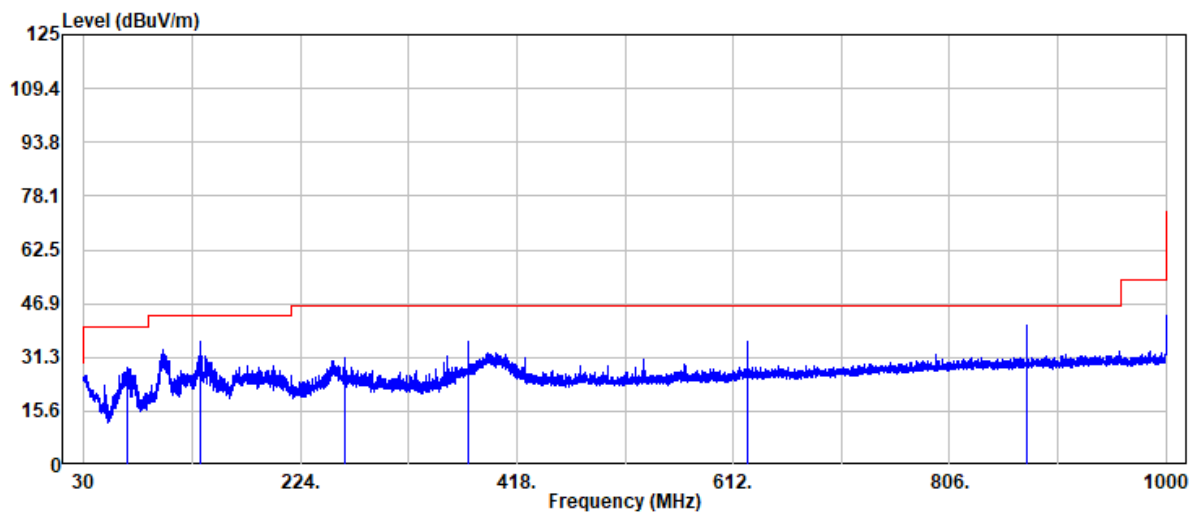
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
32.50	38.62	-4.71	33.91	40.00	-6.09	Peak
184.00	41.63	-12.21	29.42	43.50	-14.08	Peak
375.00	41.81	-7.71	34.10	46.00	-11.90	Peak
531.90	37.06	-3.97	33.09	46.00	-12.91	Peak
625.00	37.07	-2.11	34.96	46.00	-11.04	Peak
875.00	36.10	1.43	37.53	46.00	-8.47	Peak

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting :

Test Date : 2025-03-25
Temp./Humi. : 24.4/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



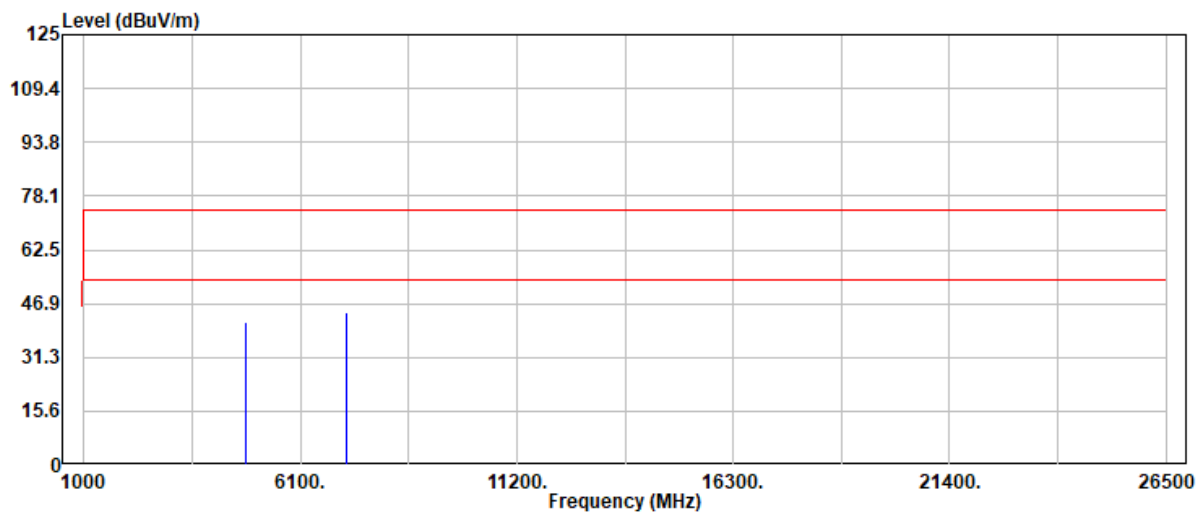
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
68.30	44.14	-15.61	28.53	40.00	-11.47	Peak
134.00	45.80	-10.02	35.78	43.50	-7.72	Peak
264.00	41.38	-10.26	31.12	46.00	-14.88	Peak
375.00	43.35	-7.71	35.64	46.00	-10.36	Peak
625.00	37.74	-2.11	35.63	46.00	-10.37	Peak
875.00	39.07	1.43	40.50	46.00	-5.50	Peak

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



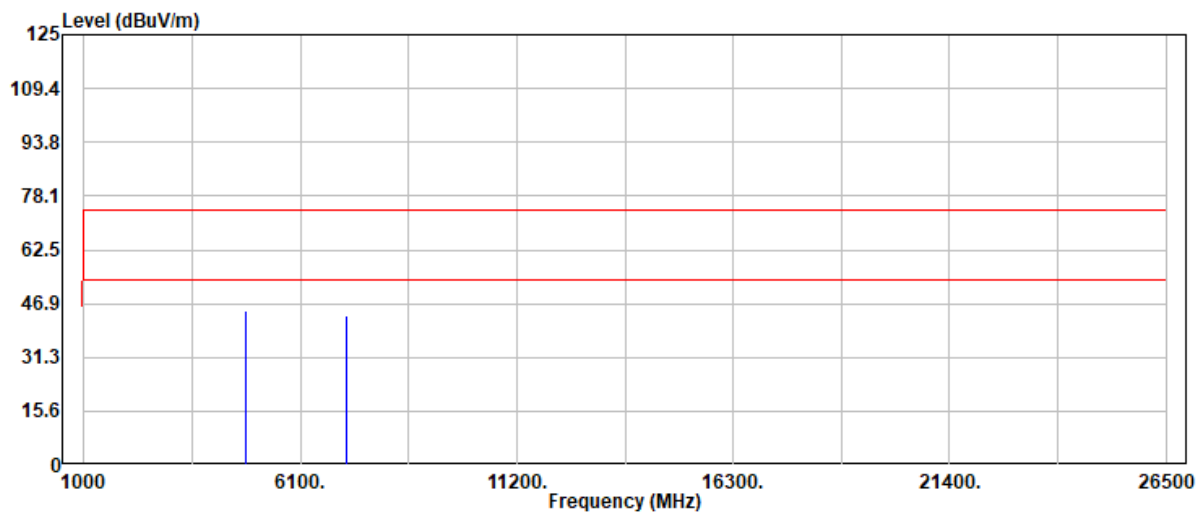
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	39.18	2.26	41.44	74.00	-32.56	Peak
4804.00	33.18	2.26	35.44	54.00	-18.56	Average
7206.00	35.42	8.79	44.21	74.00	-29.79	Peak
7206.00	27.61	8.79	36.40	54.00	-17.60	Average

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



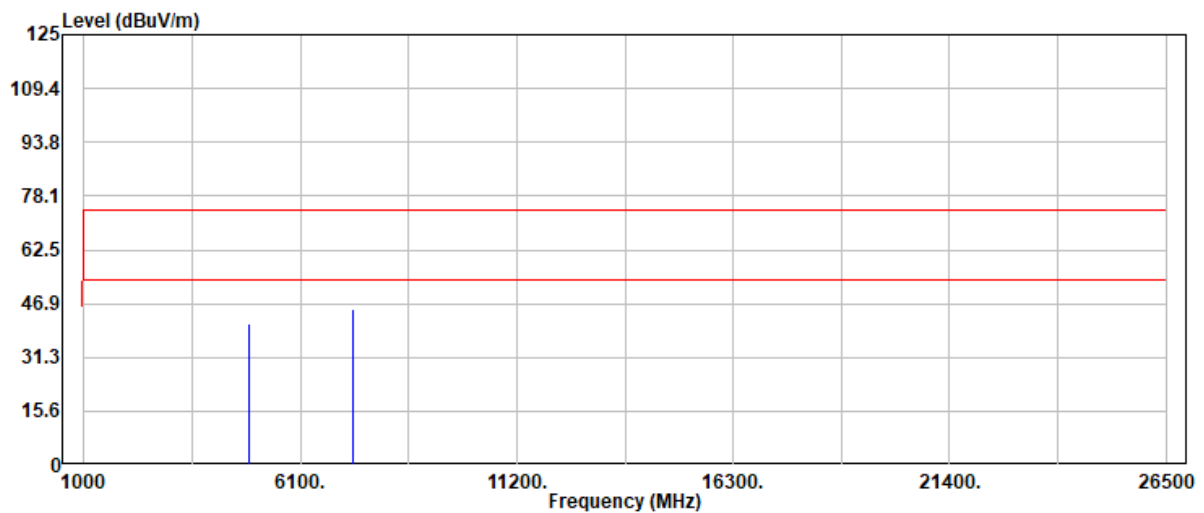
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-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	42.35	2.26	44.61	74.00	-29.39	Peak
4804.00	39.64	2.26	41.90	54.00	-12.10	Average
7206.00	34.47	8.79	43.26	74.00	-30.74	Peak
7206.00	26.97	8.79	35.76	54.00	-18.24	Average

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



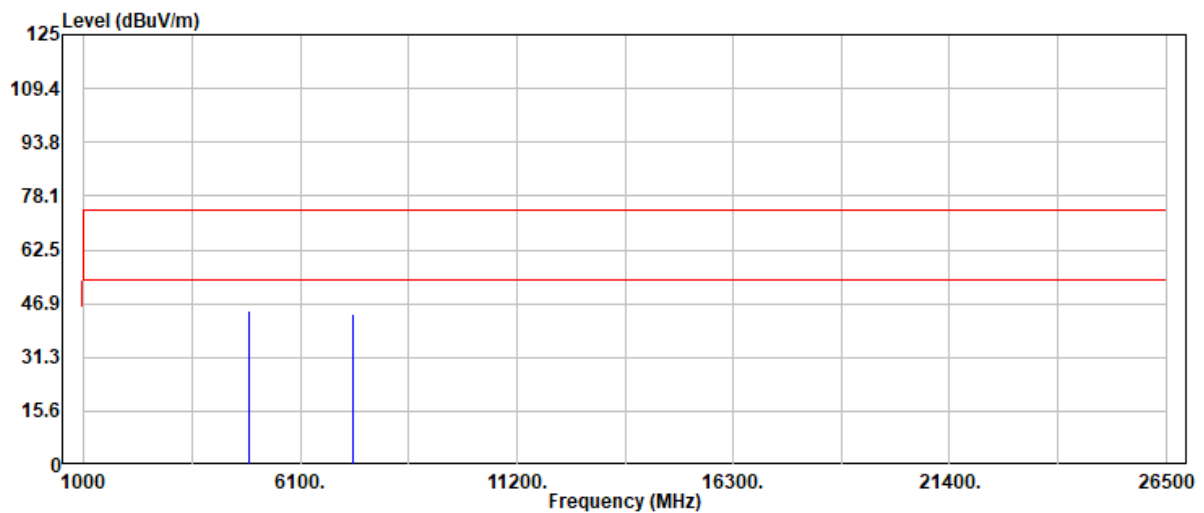
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	38.43	2.55	40.98	74.00	-33.02	Peak
4884.00	29.11	2.55	31.66	54.00	-22.34	Average
7326.00	36.23	9.22	45.45	74.00	-28.55	Peak
7326.00	27.69	9.22	36.91	54.00	-17.09	Average

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



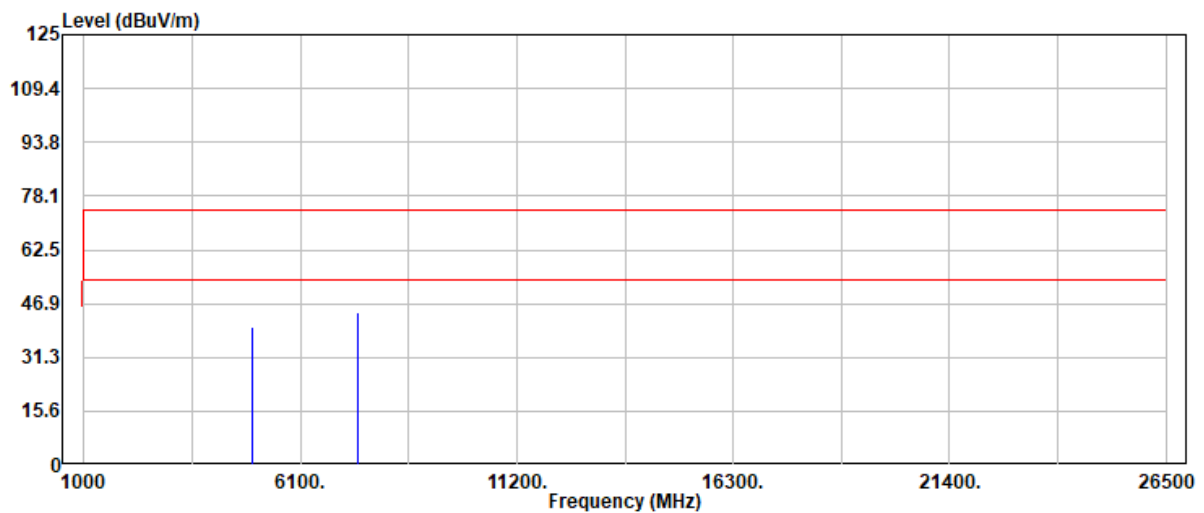
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	42.08	2.55	44.63	74.00	-29.37	Peak
4884.00	35.76	2.55	38.31	54.00	-15.69	Average
7326.00	34.80	9.22	44.02	74.00	-29.98	Peak
7326.00	27.43	9.22	36.65	54.00	-17.35	Average

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



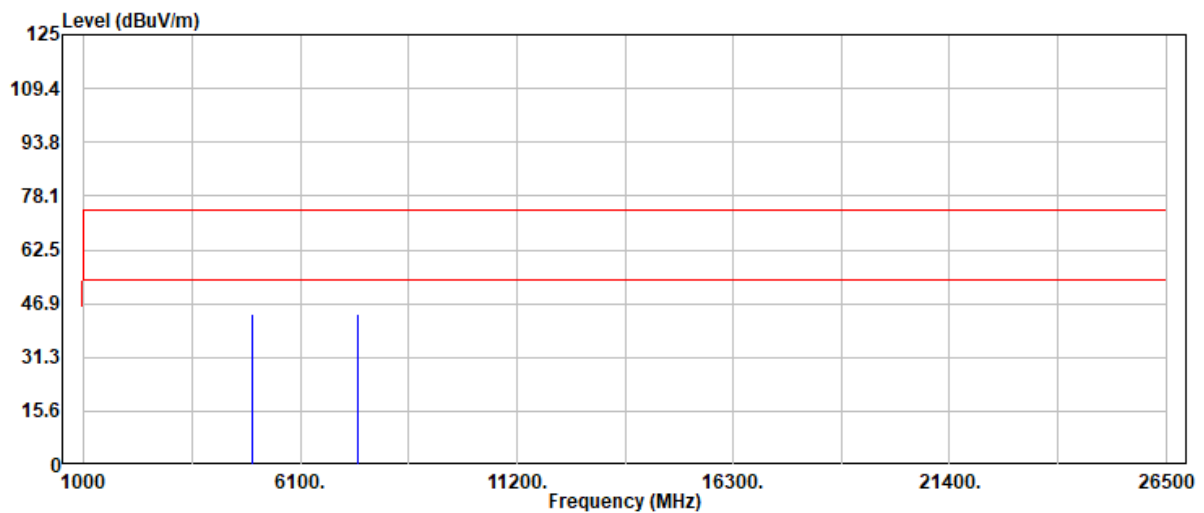
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	36.95	3.37	40.32	74.00	-33.68	Peak
4960.00	29.80	3.37	33.17	54.00	-20.83	Average
7440.00	34.83	9.29	44.12	74.00	-29.88	Peak
7440.00	27.52	9.29	36.81	54.00	-17.19	Average

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Project No : TM-2503000019P
Operation Band : BLE 125K
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



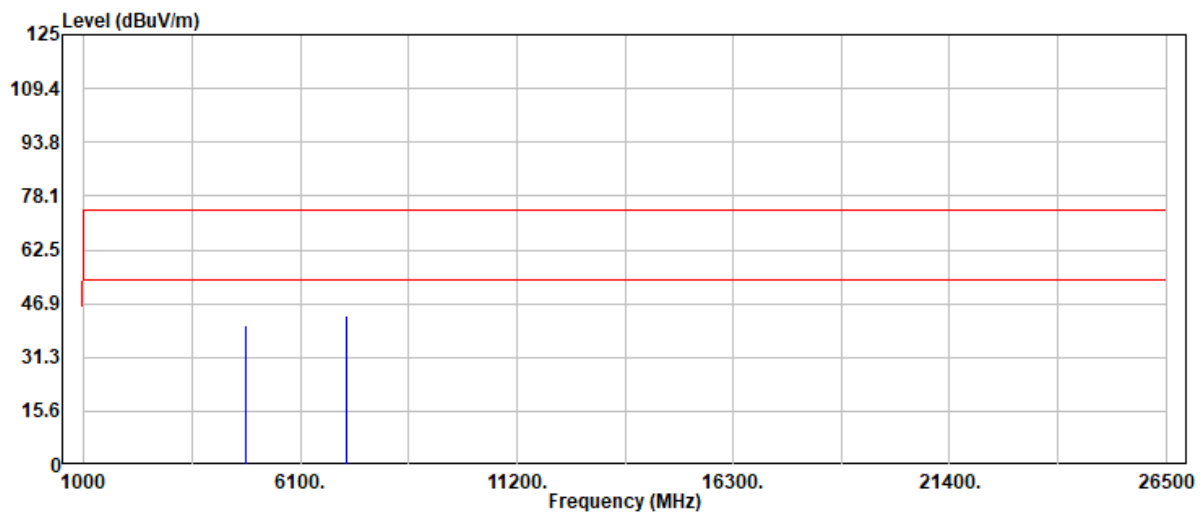
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	40.73	3.37	44.10	74.00	-29.90	Peak
4960.00	33.57	3.37	36.94	54.00	-17.06	Average
7440.00	34.39	9.29	43.68	74.00	-30.32	Peak
7440.00	27.57	9.29	36.86	54.00	-17.14	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



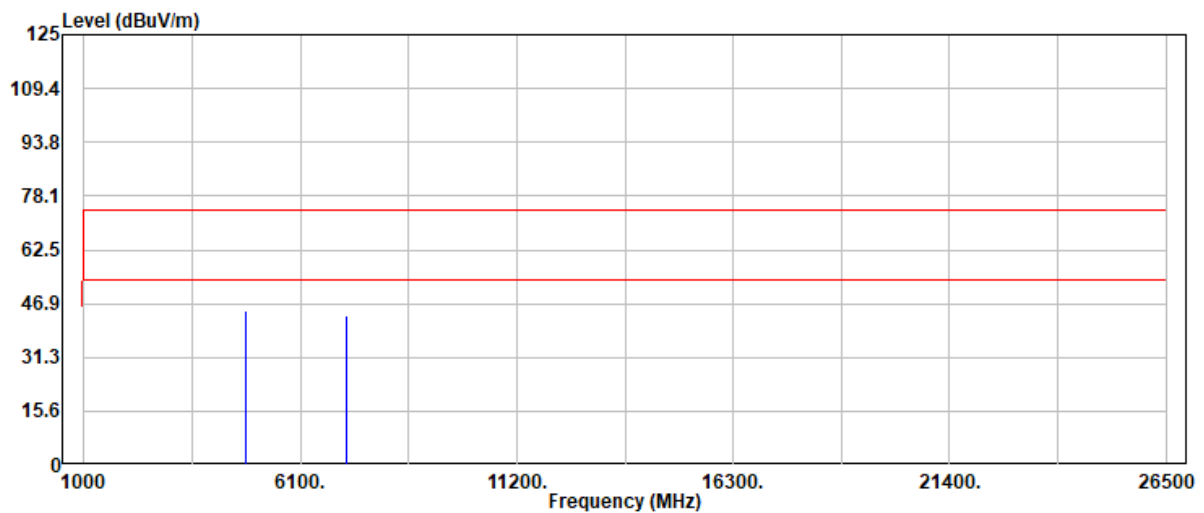
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	38.23	2.26	40.49	74.00	-33.51	Peak
4804.00	33.48	2.26	35.74	54.00	-18.26	Average
7206.00	34.81	8.79	43.60	74.00	-30.40	Peak
7206.00	27.17	8.79	35.96	54.00	-18.04	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



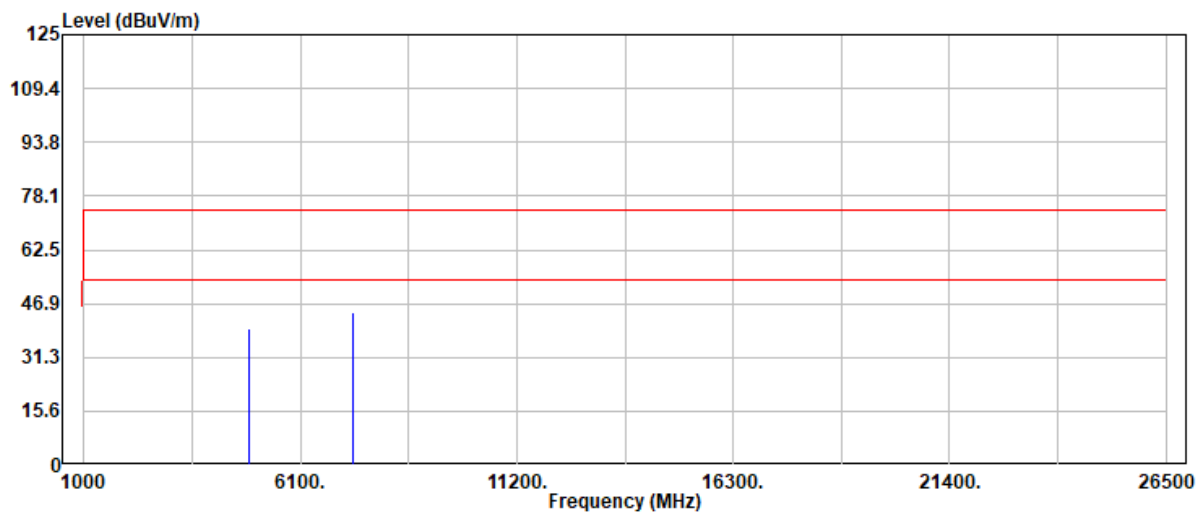
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-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	42.62	2.26	44.88	74.00	-29.12	Peak
4804.00	39.53	2.26	41.79	54.00	-12.21	Average
7206.00	34.47	8.79	43.26	74.00	-30.74	Peak
7206.00	27.47	8.79	36.26	54.00	-17.74	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



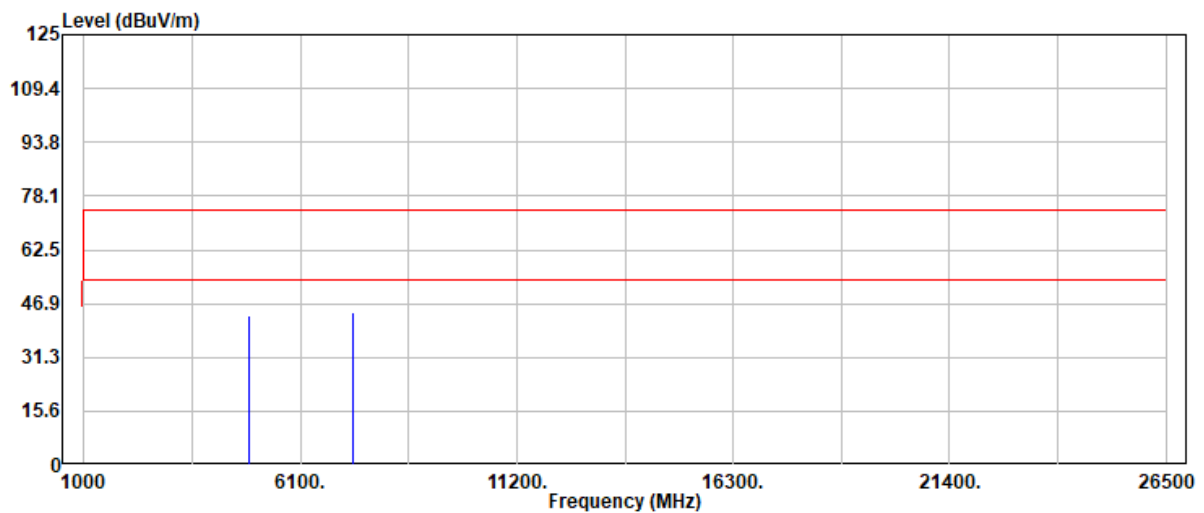
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	37.06	2.55	39.61	74.00	-34.39	Peak
4884.00	29.79	2.55	32.34	54.00	-21.66	Average
7326.00	35.00	9.22	44.22	74.00	-29.78	Peak
7326.00	27.58	9.22	36.80	54.00	-17.20	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



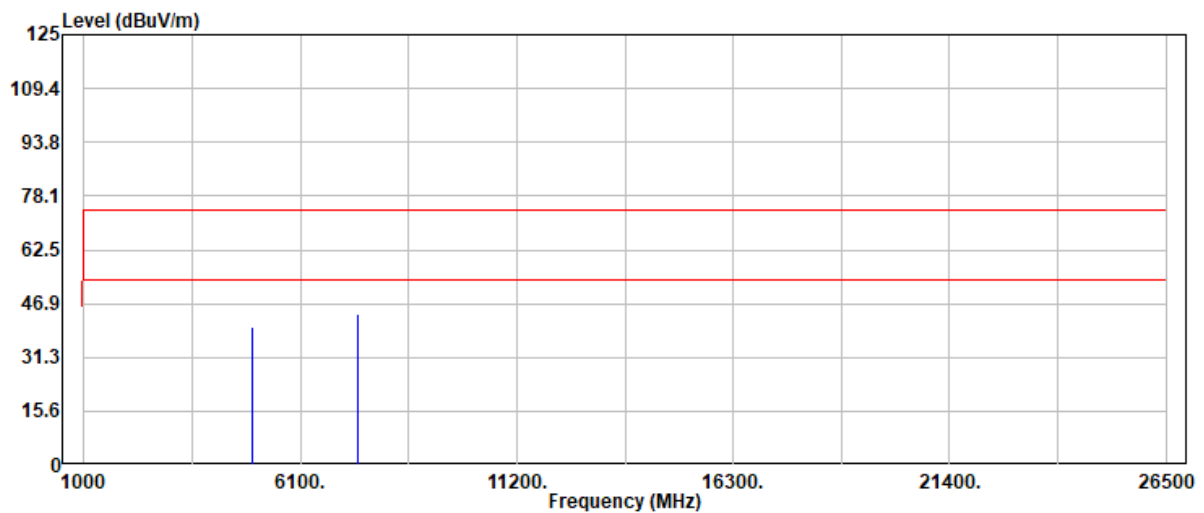
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	40.90	2.55	43.45	74.00	-30.55	Peak
4884.00	35.45	2.55	38.00	54.00	-16.00	Average
7326.00	35.21	9.22	44.43	74.00	-29.57	Peak
7326.00	27.63	9.22	36.85	54.00	-17.15	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



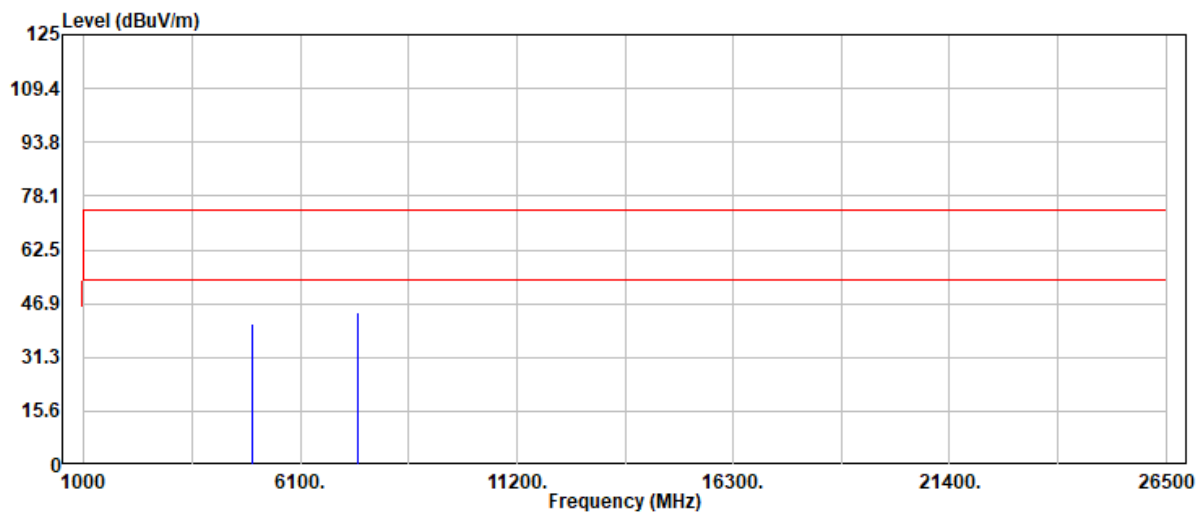
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	36.77	3.37	40.14	74.00	-33.86	Peak
4960.00	29.87	3.37	33.24	54.00	-20.76	Average
7440.00	34.73	9.29	44.02	74.00	-29.98	Peak
7440.00	27.44	9.29	36.73	54.00	-17.27	Average

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Project No : TM-2503000019P
Operation Band : BLE 500K
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



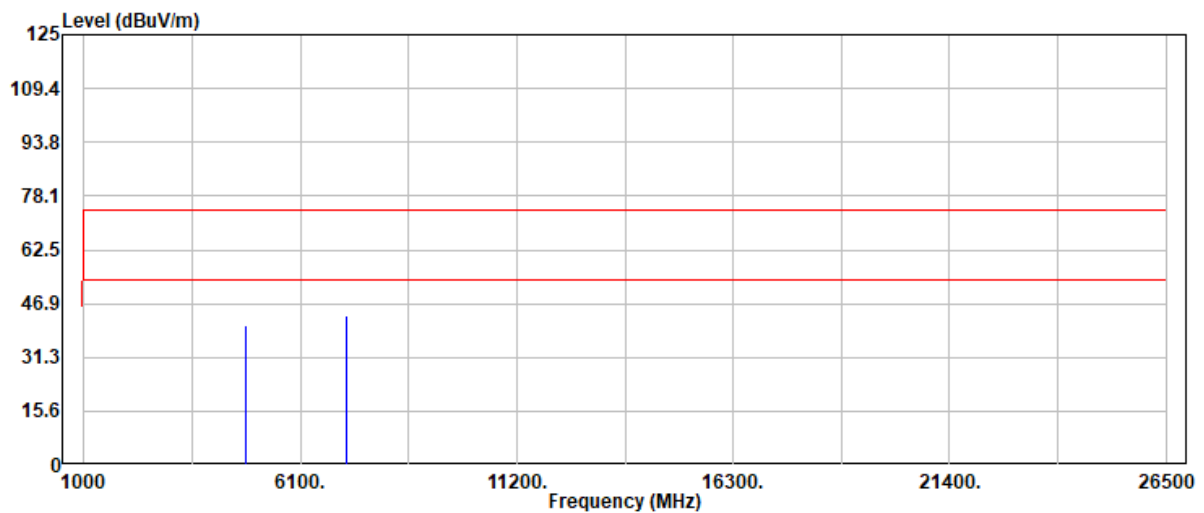
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	37.81	3.37	41.18	74.00	-32.82	Peak
4960.00	33.35	3.37	36.72	54.00	-17.28	Average
7440.00	34.82	9.29	44.11	74.00	-29.89	Peak
7440.00	27.87	9.29	37.16	54.00	-16.84	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



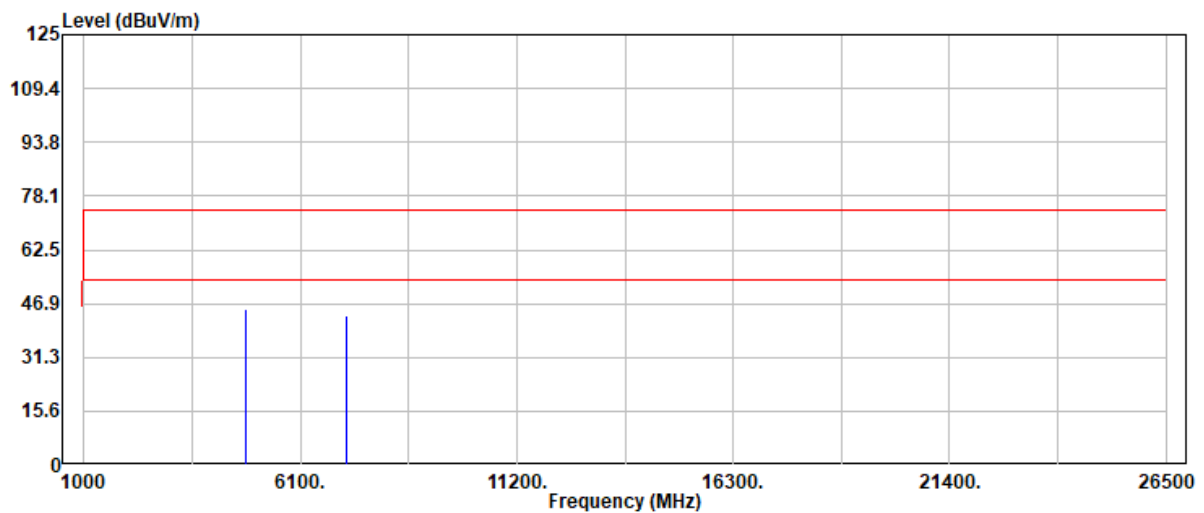
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	38.44	2.26	40.70	74.00	-33.30	Peak
4804.00	33.36	2.26	35.62	54.00	-18.38	Average
7206.00	34.77	8.79	43.56	74.00	-30.44	Peak
7206.00	27.14	8.79	35.93	54.00	-18.07	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



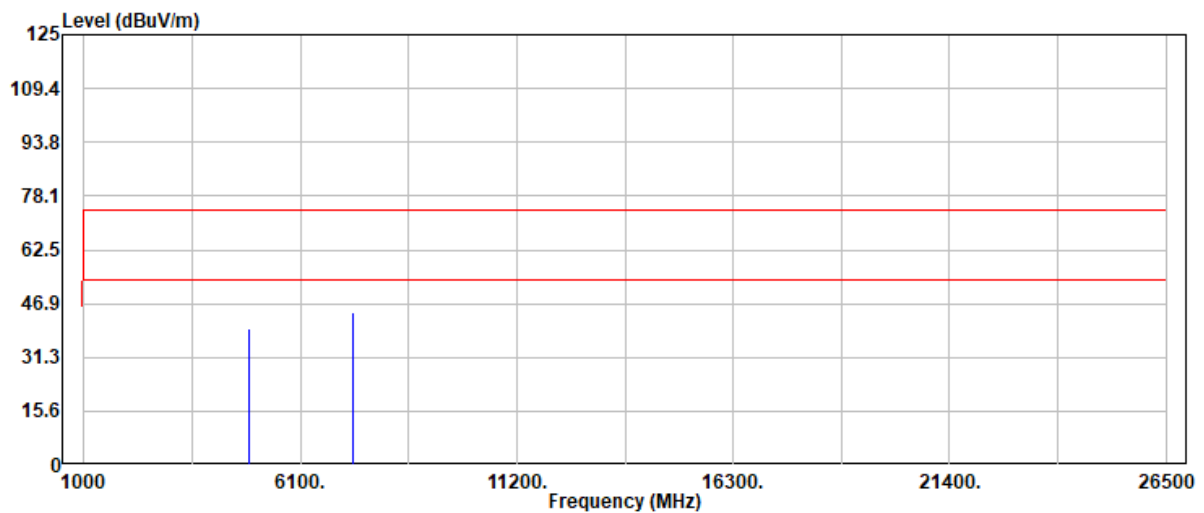
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	42.86	2.26	45.12	74.00	-28.88	Peak
4804.00	39.69	2.26	41.95	54.00	-12.05	Average
7206.00	34.75	8.79	43.54	74.00	-30.46	Peak
7206.00	27.24	8.79	36.03	54.00	-17.97	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



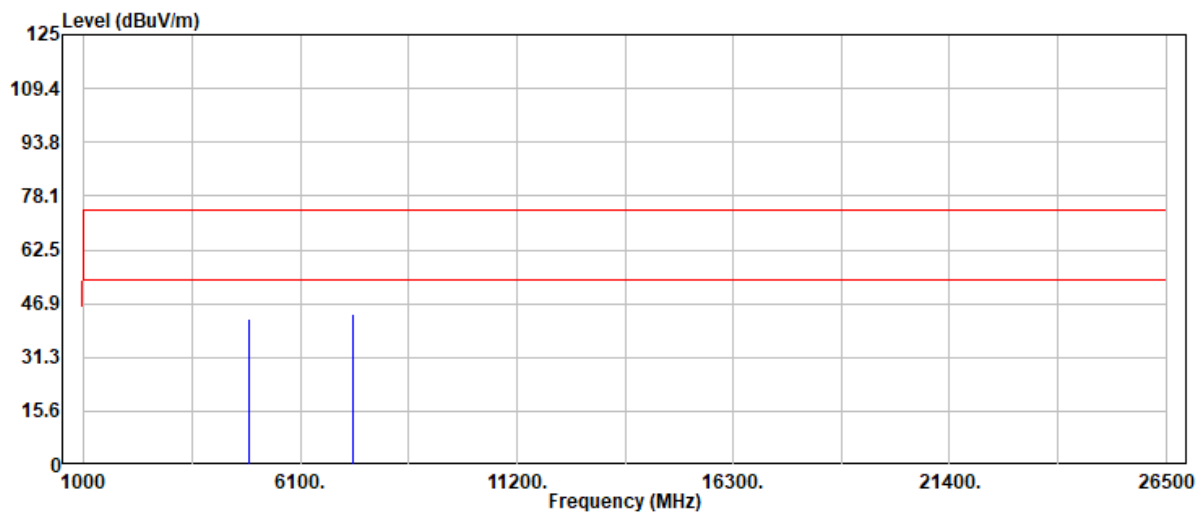
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	37.24	2.55	39.79	74.00	-34.21	Peak
4884.00	30.08	2.55	32.63	54.00	-21.37	Average
7326.00	35.06	9.22	44.28	74.00	-29.72	Peak
7326.00	27.43	9.22	36.65	54.00	-17.35	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



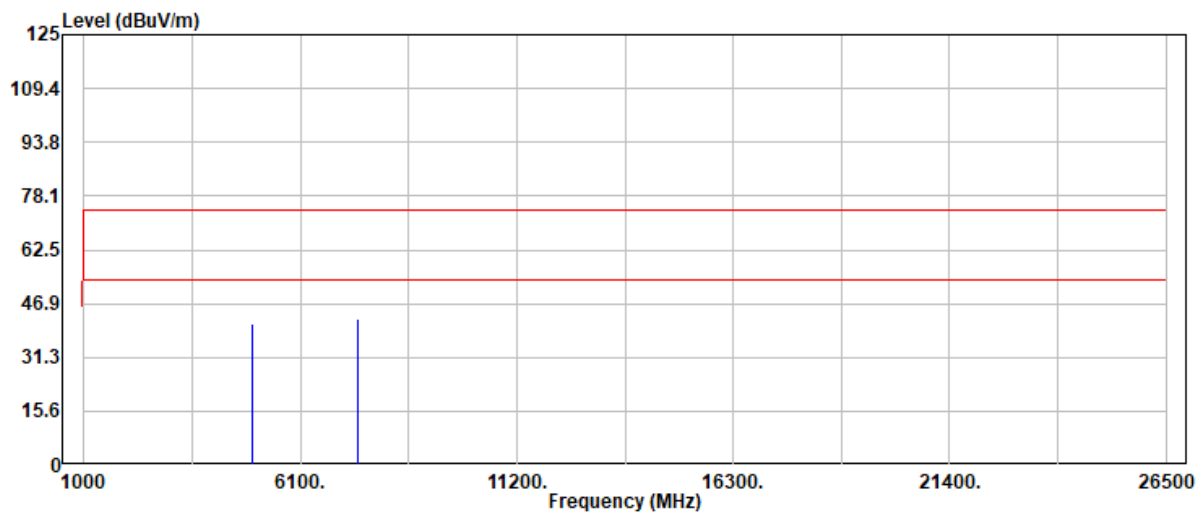
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	39.74	2.55	42.29	74.00	-31.71	Peak
4884.00	35.64	2.55	38.19	54.00	-15.81	Average
7326.00	34.64	9.22	43.86	74.00	-30.14	Peak
7326.00	27.75	9.22	36.97	54.00	-17.03	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



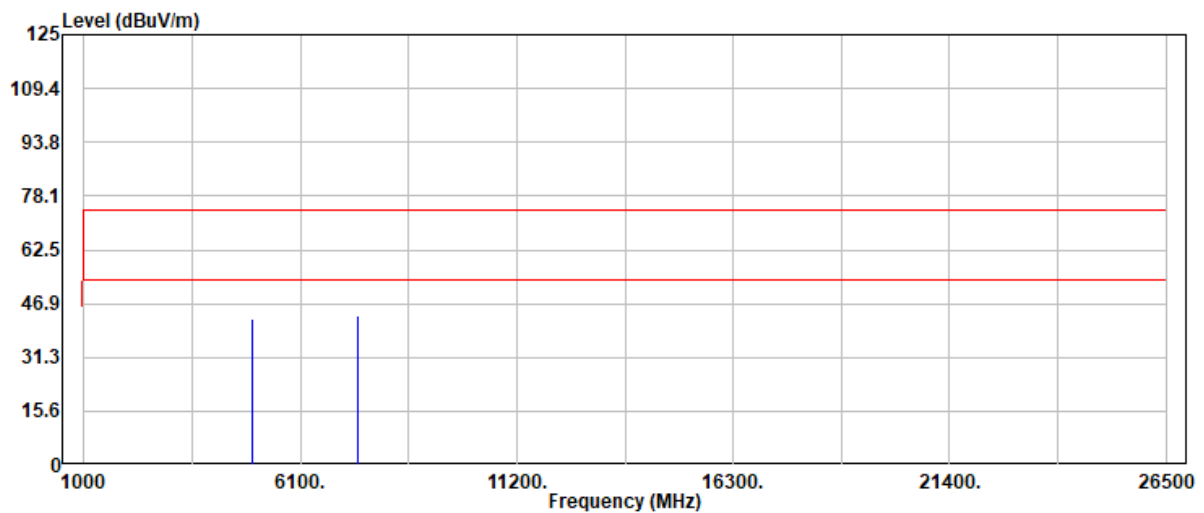
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-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	37.45	3.37	40.82	74.00	-33.18	Peak
4960.00	29.79	3.37	33.16	54.00	-20.84	Average
7440.00	33.22	9.29	42.51	74.00	-31.49	Peak
7440.00	27.60	9.29	36.89	54.00	-17.11	Average

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Project No : TM-2503000019P
Operation Band : BLE 1M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



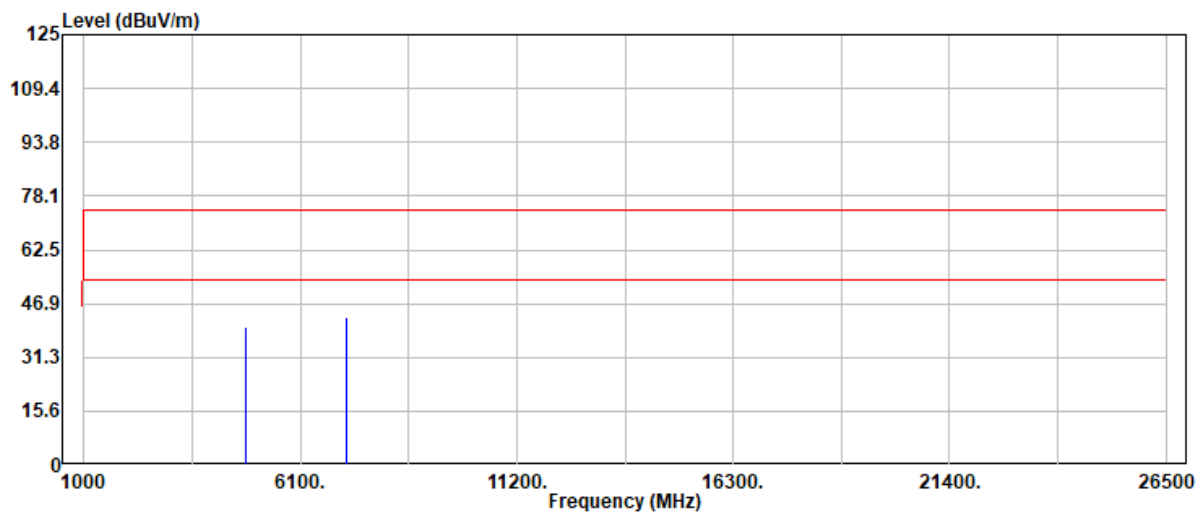
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	39.11	3.37	42.48	74.00	-31.52	Peak
4960.00	33.38	3.37	36.75	54.00	-17.25	Average
7440.00	34.16	9.29	43.45	74.00	-30.55	Peak
7440.00	27.77	9.29	37.06	54.00	-16.94	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



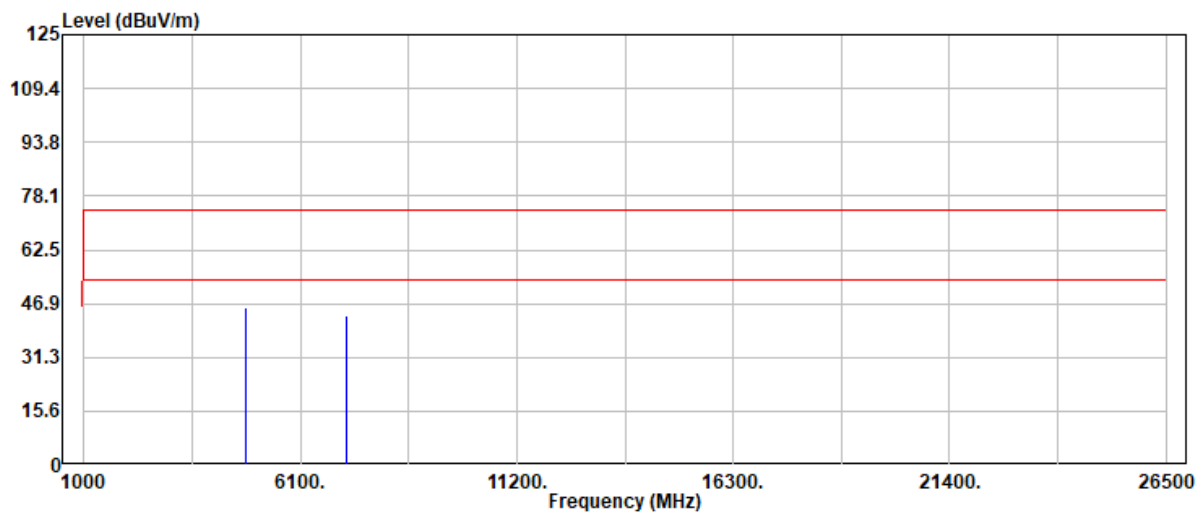
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-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	37.77	2.26	40.03	74.00	-33.97	Peak
4804.00	31.65	2.26	33.91	54.00	-20.09	Average
7206.00	34.16	8.79	42.95	74.00	-31.05	Peak
7206.00	27.24	8.79	36.03	54.00	-17.97	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2402 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



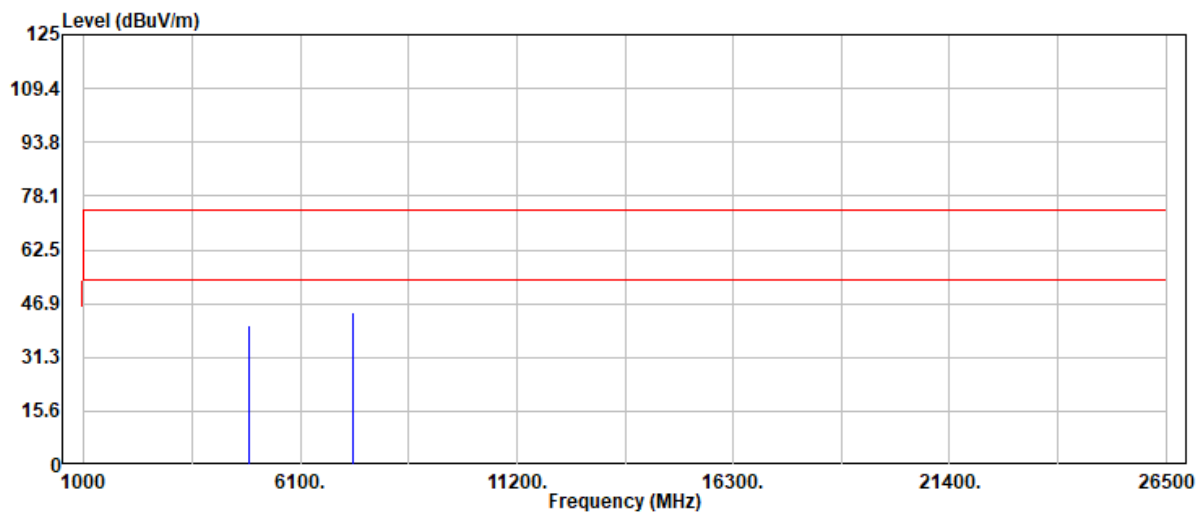
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4804.00	43.31	2.26	45.57	74.00	-28.43	Peak
4804.00	37.16	2.26	39.42	54.00	-14.58	Average
7206.00	34.79	8.79	43.58	74.00	-30.42	Peak
7206.00	27.43	8.79	36.22	54.00	-17.78	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



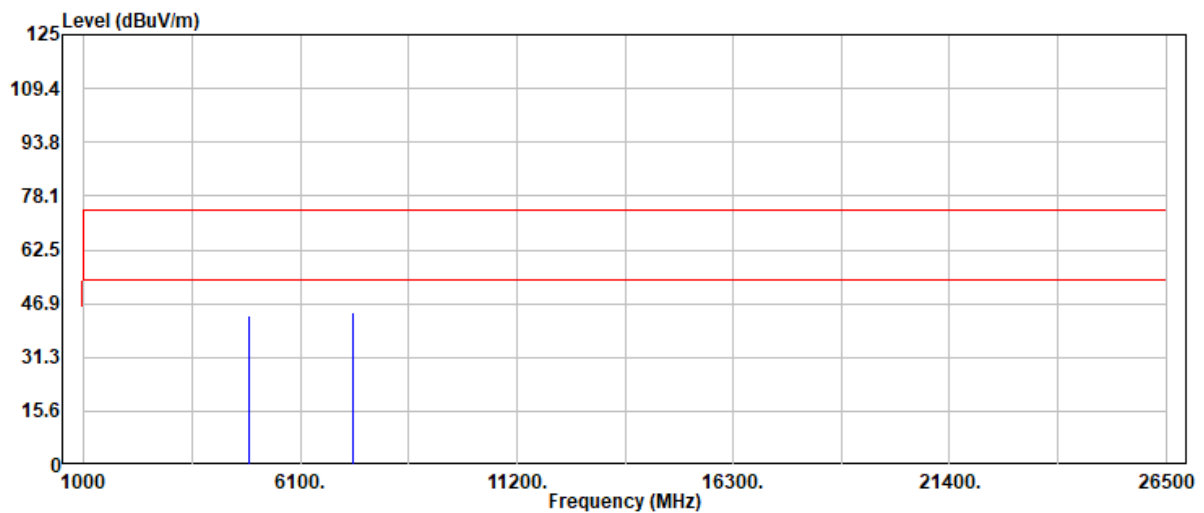
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	38.21	2.55	40.76	74.00	-33.24	Peak
4884.00	28.81	2.55	31.36	54.00	-22.64	Average
7326.00	34.95	9.22	44.17	74.00	-29.83	Peak
7326.00	27.85	9.22	37.07	54.00	-16.93	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2442 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A



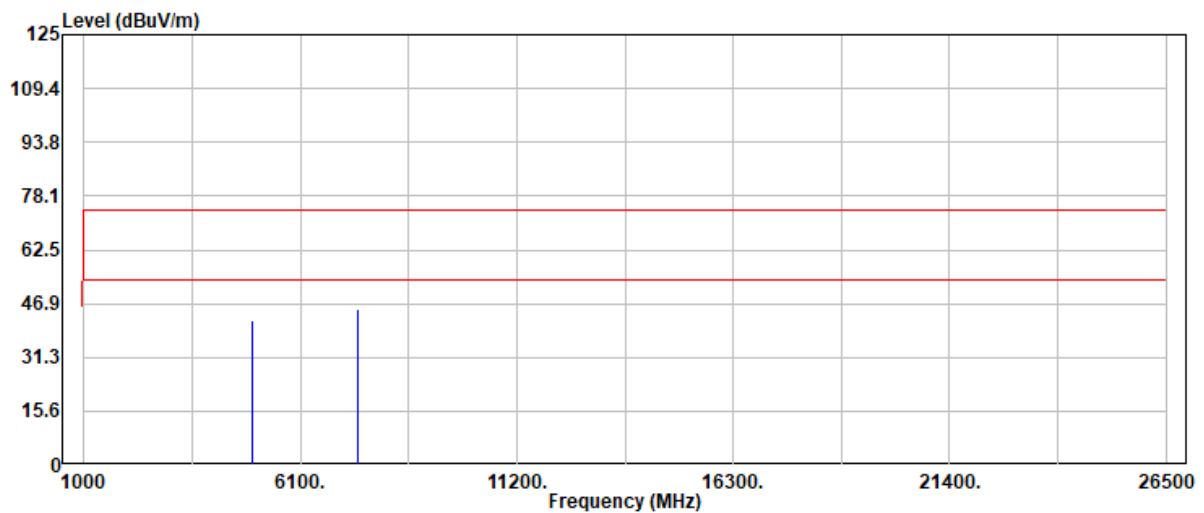
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4884.00	40.67	2.55	43.22	74.00	-30.78	Peak
4884.00	33.61	2.55	36.16	54.00	-17.84	Average
7326.00	35.29	9.22	44.51	74.00	-29.49	Peak
7326.00	27.58	9.22	36.80	54.00	-17.20	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Tony.Chao
Test Chamber : 966A



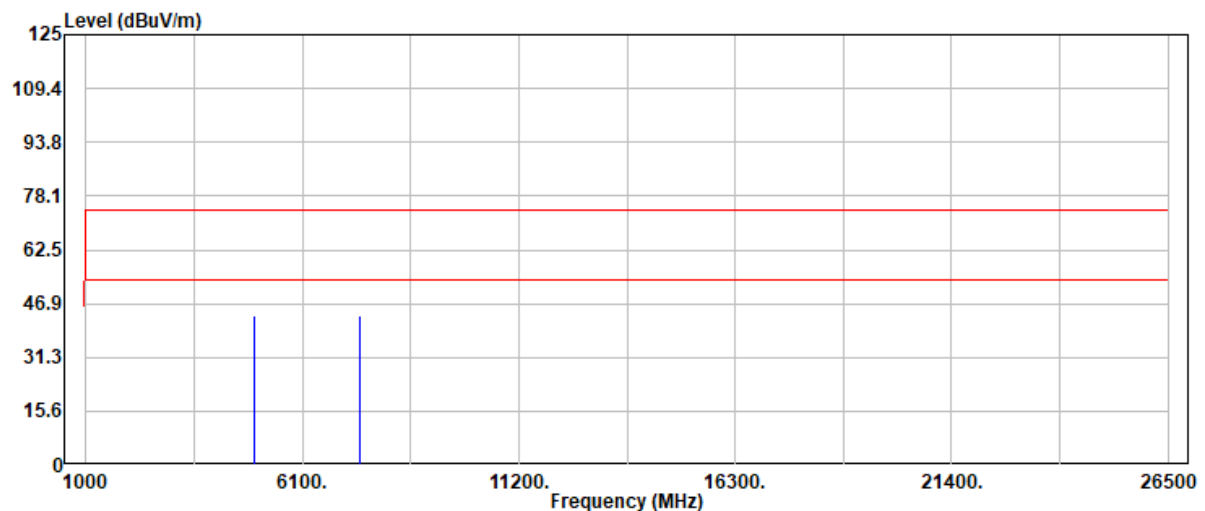
Freq	Read Level	Factor	Actual FS	Limit @3m	Margin	Detector Mode
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	PK/QP/AV
4960.00	38.81	3.37	42.18	74.00	-31.82	Peak
4960.00	29.33	3.37	32.70	54.00	-21.30	Average
7440.00	35.84	9.29	45.13	74.00	-28.87	Peak
7440.00	27.47	9.29	36.76	54.00	-17.24	Average

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Project No : TM-2503000019P
Operation Band : BLE 2M
Frequency : 2480 MHz
Operation Mode : TX
EUT Pol : H
Setting : 9

Test Date : 2025-03-25
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
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	40.00	3.37	43.37	74.00	-30.63	Peak
4960.00	32.20	3.37	35.57	54.00	-18.43	Average
7440.00	34.21	9.29	43.50	74.00	-30.50	Peak
7440.00	27.54	9.29	36.83	54.00	-17.17	Average

- End of Test Report -