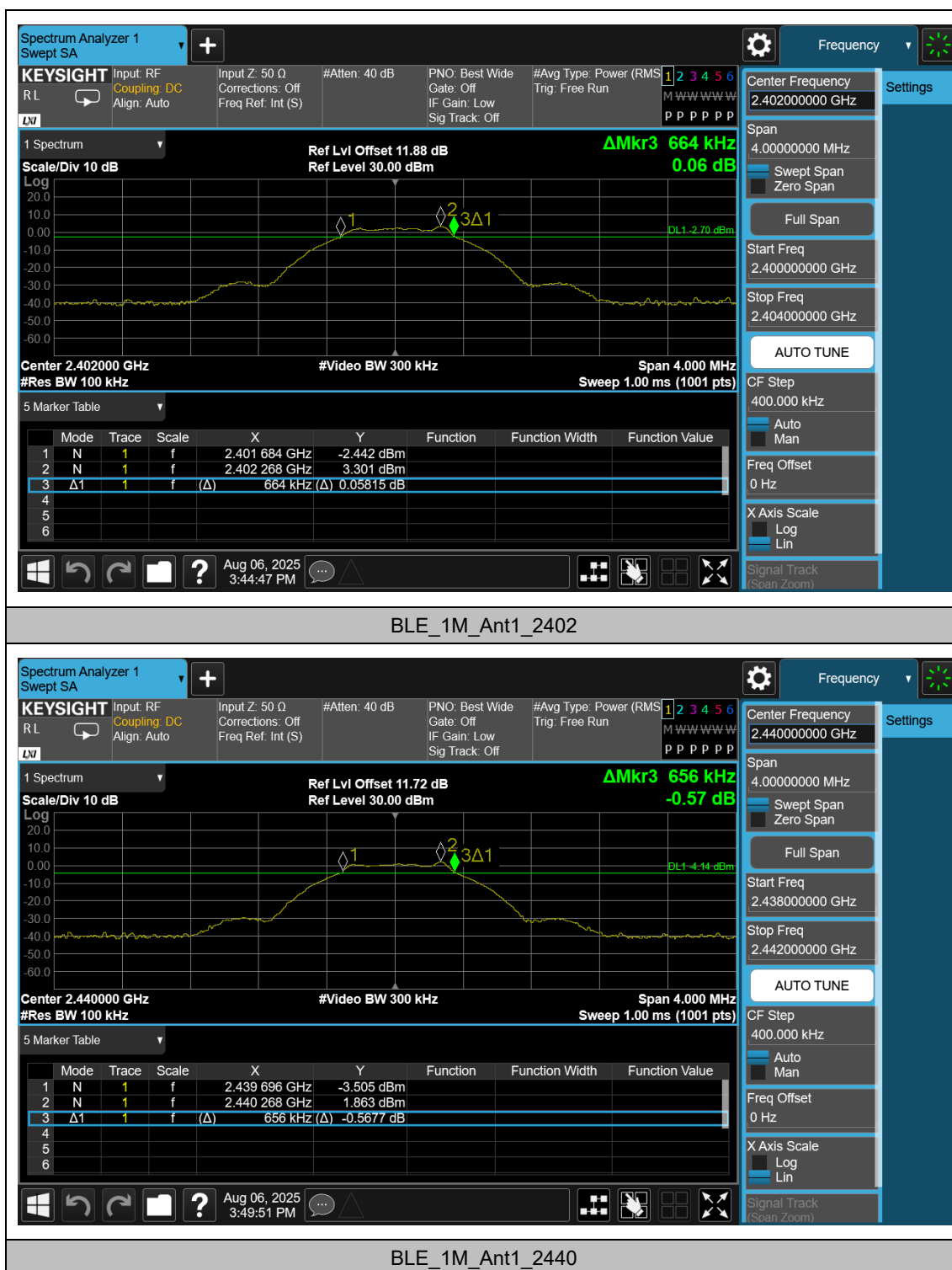


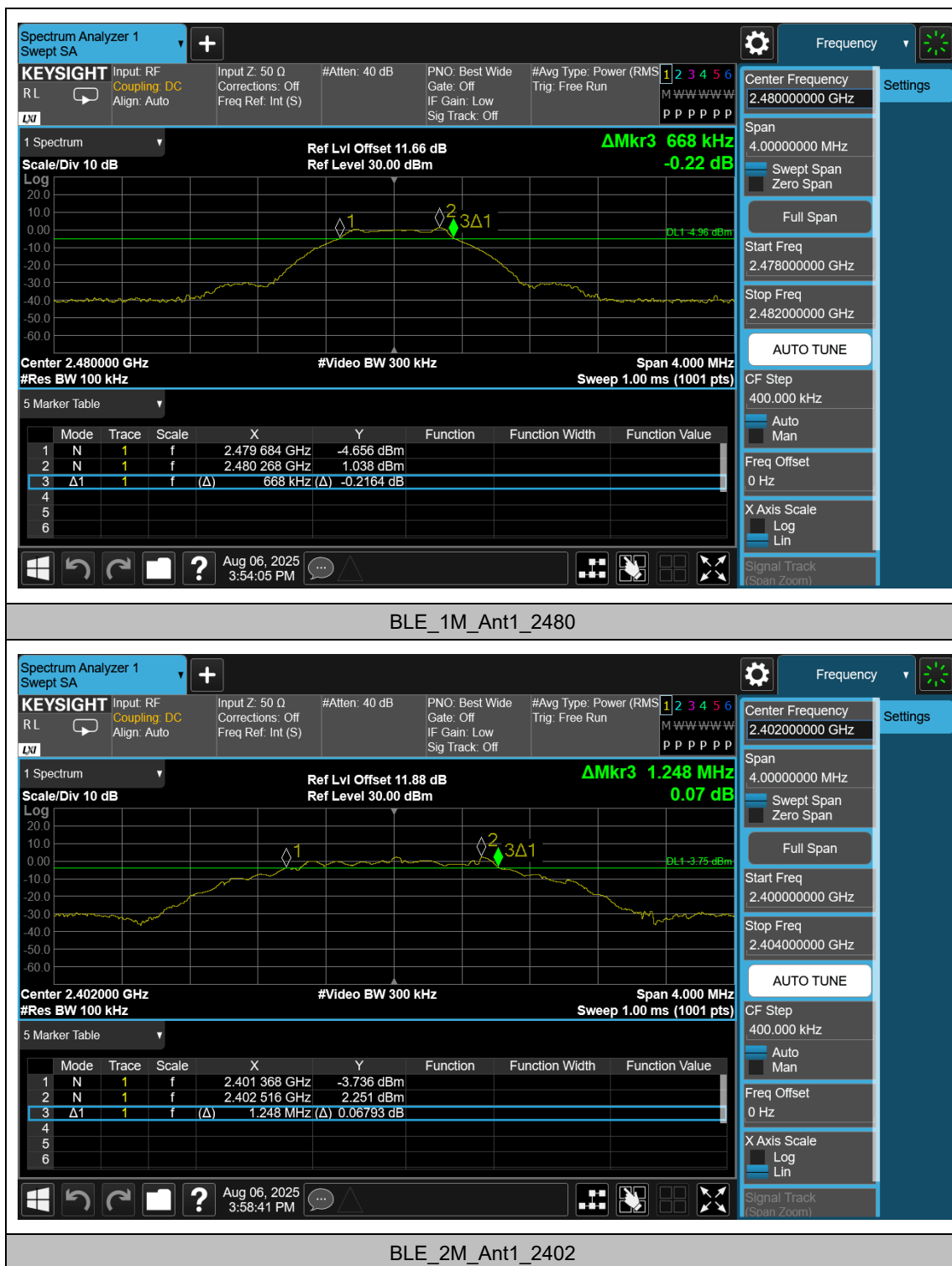
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.664	2401.684	2402.348	0.5	PASS
		2440	0.656	2439.696	2440.352	0.5	PASS
		2480	0.668	2479.684	2480.352	0.5	PASS
BLE_2M	Ant1	2402	1.248	2401.368	2402.616	0.5	PASS
		2440	1.244	2439.372	2440.616	0.5	PASS
		2480	1.236	2479.380	2480.616	0.5	PASS

Test Graphs





BLE_1M_Ant1_2480

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 40 dB

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M WWW WWW
P P P P P P

Center Frequency
2.402000000 GHz

Span
4.00000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
2.400000000 GHz

Stop Freq
2.404000000 GHz

AUTO TUNE

CF Step
400.000 kHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 11.88 dB
Ref Level 30.00 dBm

Δ Mkr3 1.248 MHz
0.07 dB

DL1 -3.75 dBm

Center 2.402000 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Span 4.000 MHz

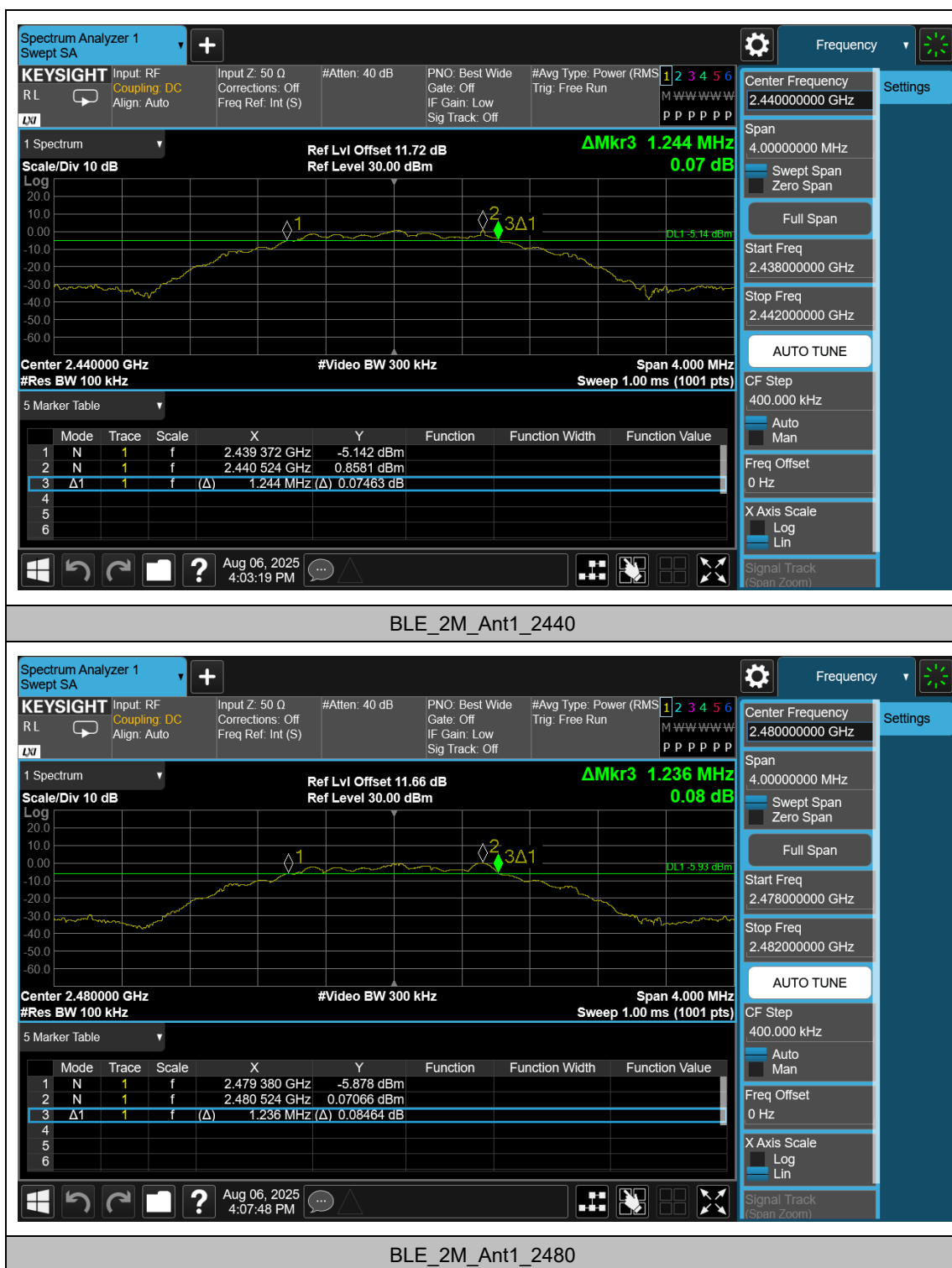
Sweep 1.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.401 368 GHz	-3.736 dBm			
2	N	1	f	2.402 516 GHz	2.251 dBm			
3	Δ 1	1	f	(Δ) 1.248 MHz (Δ)	0.06793 dB			
4								
5								
6								

Aug 06, 2025
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BLE_2M_Ant1_2402



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0240	2401.5128	2402.5368	---	---
		2440	1.0228	2439.5130	2440.5358	---	---
		2480	1.0252	2479.5111	2480.5363	---	---
BLE_2M	Ant1	2402	2.0700	2401.0029	2403.0729	---	---
		2440	2.0673	2439.0048	2441.0721	---	---
		2480	2.0756	2479.0017	2481.0773	---	---

Test Graphs





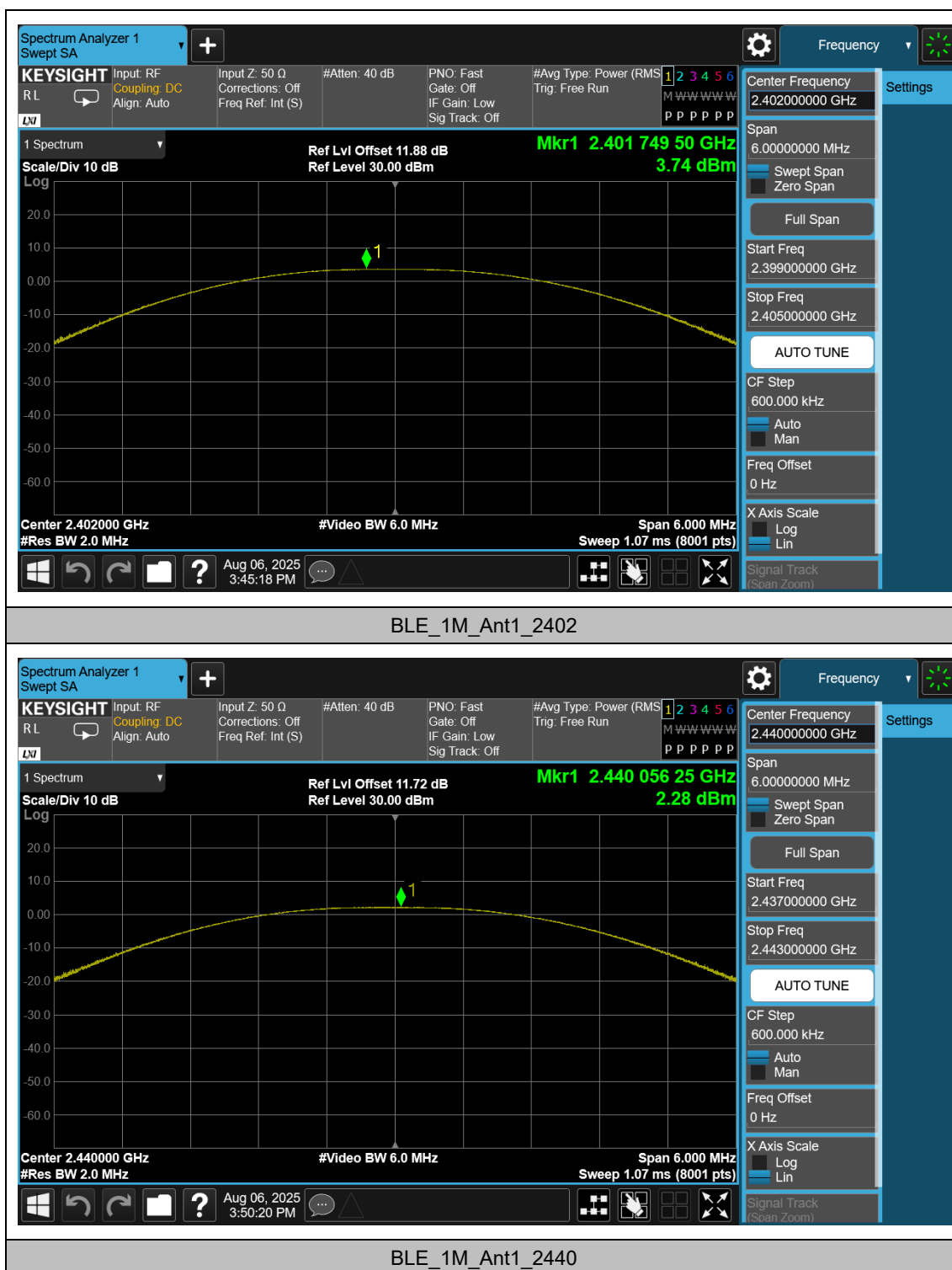


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.74	≤30	7.72	≤36	PASS
		2440	2.28	≤30	6.26	≤36	PASS
		2480	1.58	≤30	5.56	≤36	PASS
BLE_2M	Ant1	2402	3.69	≤30	7.67	≤36	PASS
		2440	2.36	≤30	6.34	≤36	PASS
		2480	1.64	≤30	5.62	≤36	PASS

Test Graphs Peak







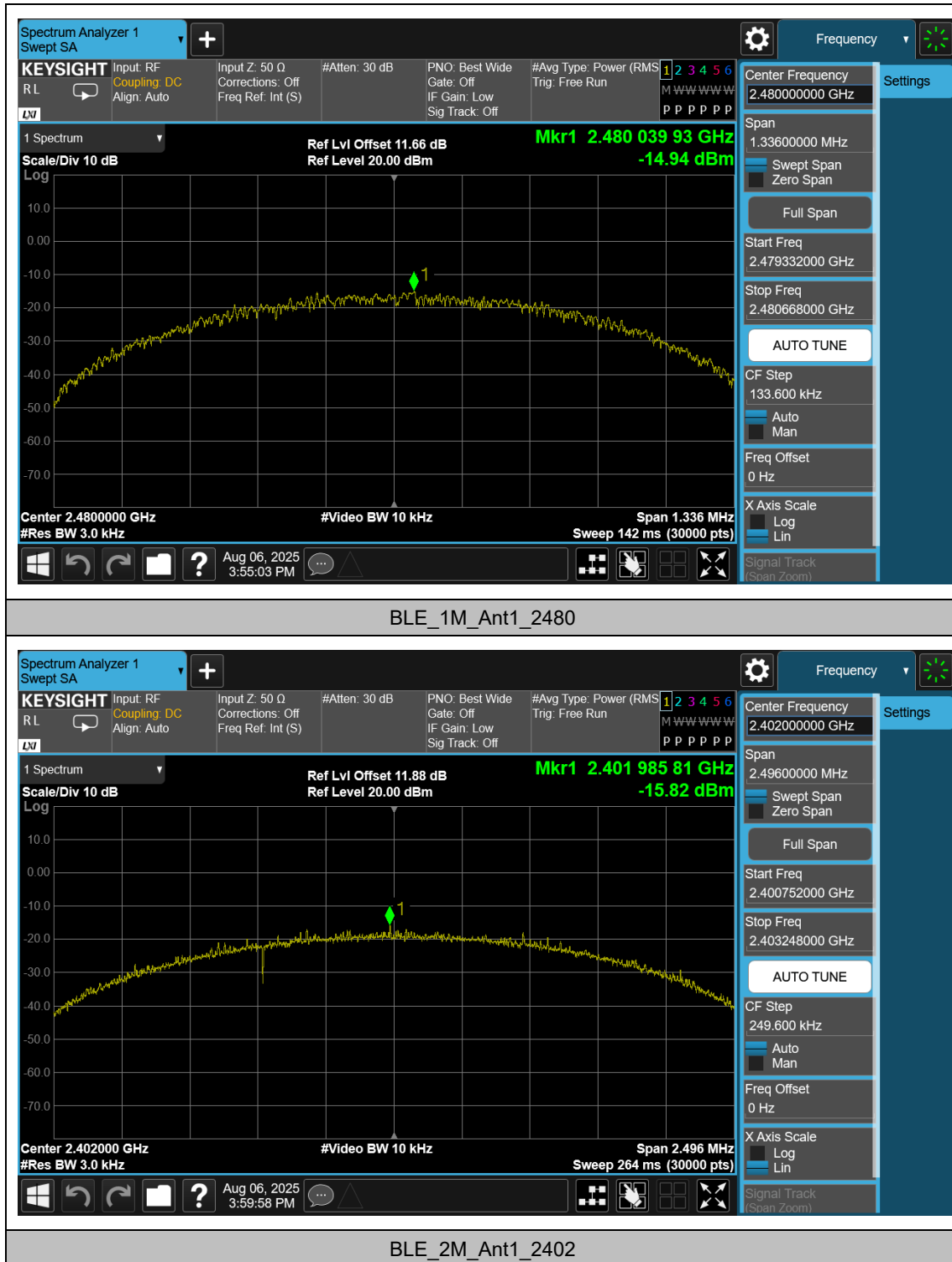
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.67	≤8.00	PASS
		2440	-14.10	≤8.00	PASS
		2480	-14.94	≤8.00	PASS
BLE_2M	Ant1	2402	-15.82	≤8.00	PASS
		2440	-17.20	≤8.00	PASS
		2480	-17.99	≤8.00	PASS

Test Graphs





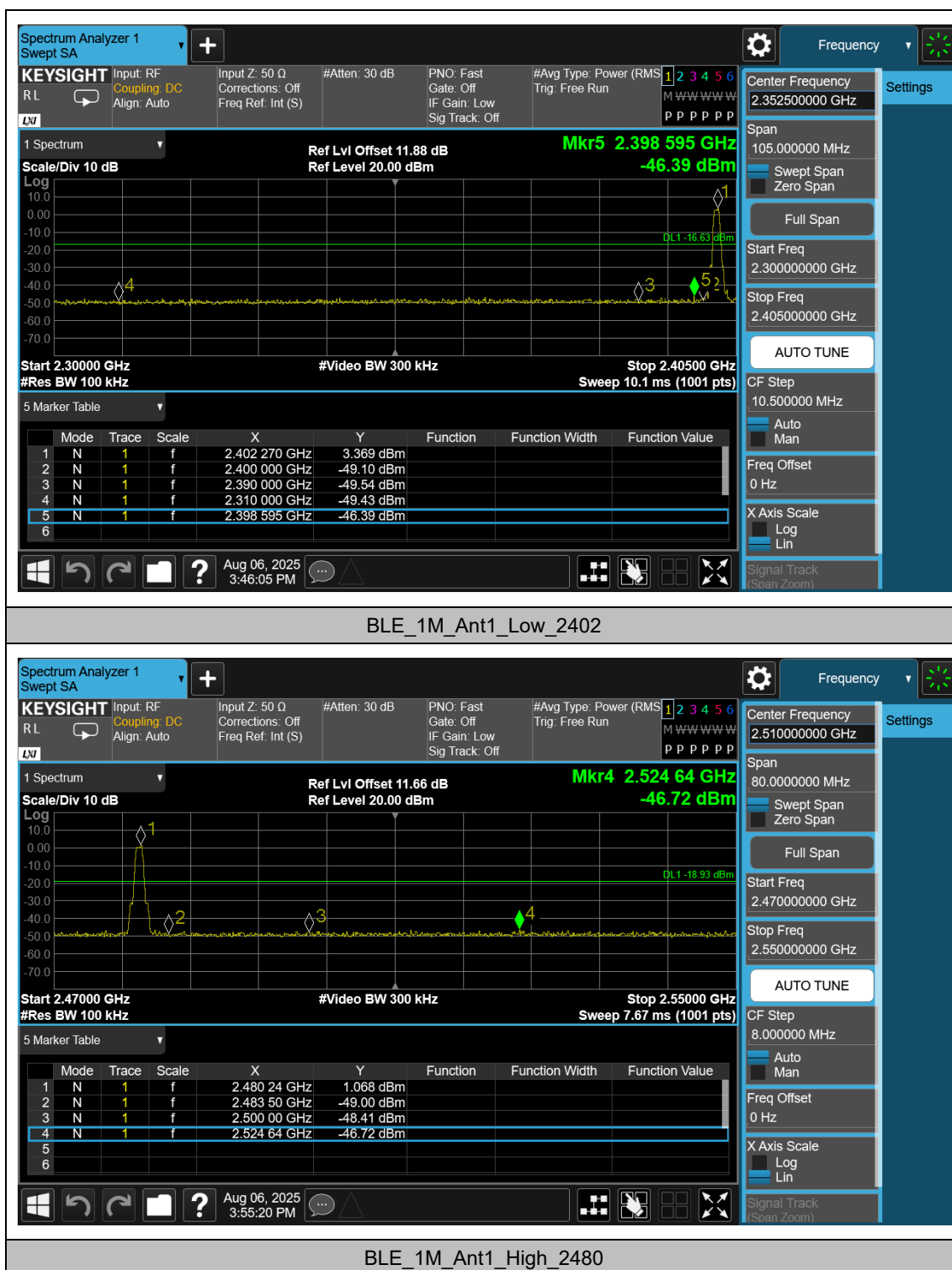


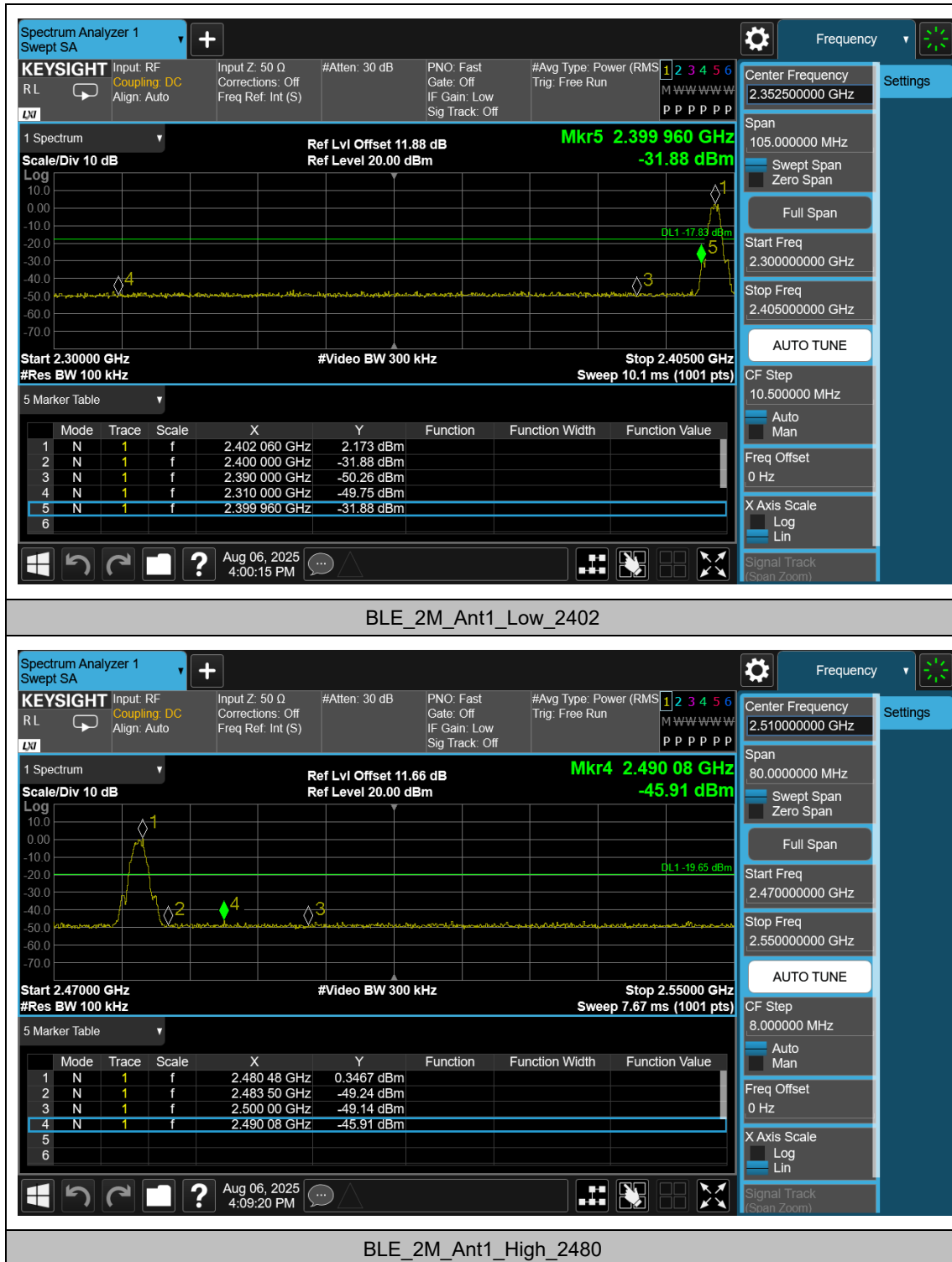
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.37	-46.39	≤-16.63	PASS
		High	2480	1.07	-46.72	≤-18.93	PASS
BLE_2M	Ant1	Low	2402	2.17	-31.88	≤-17.83	PASS
		High	2480	0.35	-45.91	≤-19.65	PASS

Test Graphs





BLE_2M_Ant1_Low_2402

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corrections: Off

Freq Ref: Int (S)

#Atten: 30 dB

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Free Run

1 2 3 4 5 6

M W W W W W

P P P P P P

Center Frequency

2.510000000 GHz

Span

80.000000 MHz

Swept Span

Zero Span

Full Span

Start Freq

2.470000000 GHz

Stop Freq

2.550000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 11.66 dB

Ref Level 20.00 dBm

Mkr4 2.490 08 GHz

-45.91 dBm

DL1 -19.65 dBm

Start 2.47000 GHz

#Res BW 100 kHz

#Video BW 300 kHz

Stop 2.55000 GHz

Sweep 7.67 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.480 48 GHz	0.3467 dBm			
2	N	1	f	2.483 50 GHz	-49.24 dBm			
3	N	1	f	2.500 00 GHz	-49.14 dBm			
4	N	1	f	2.490 08 GHz	-45.91 dBm			
5								
6								

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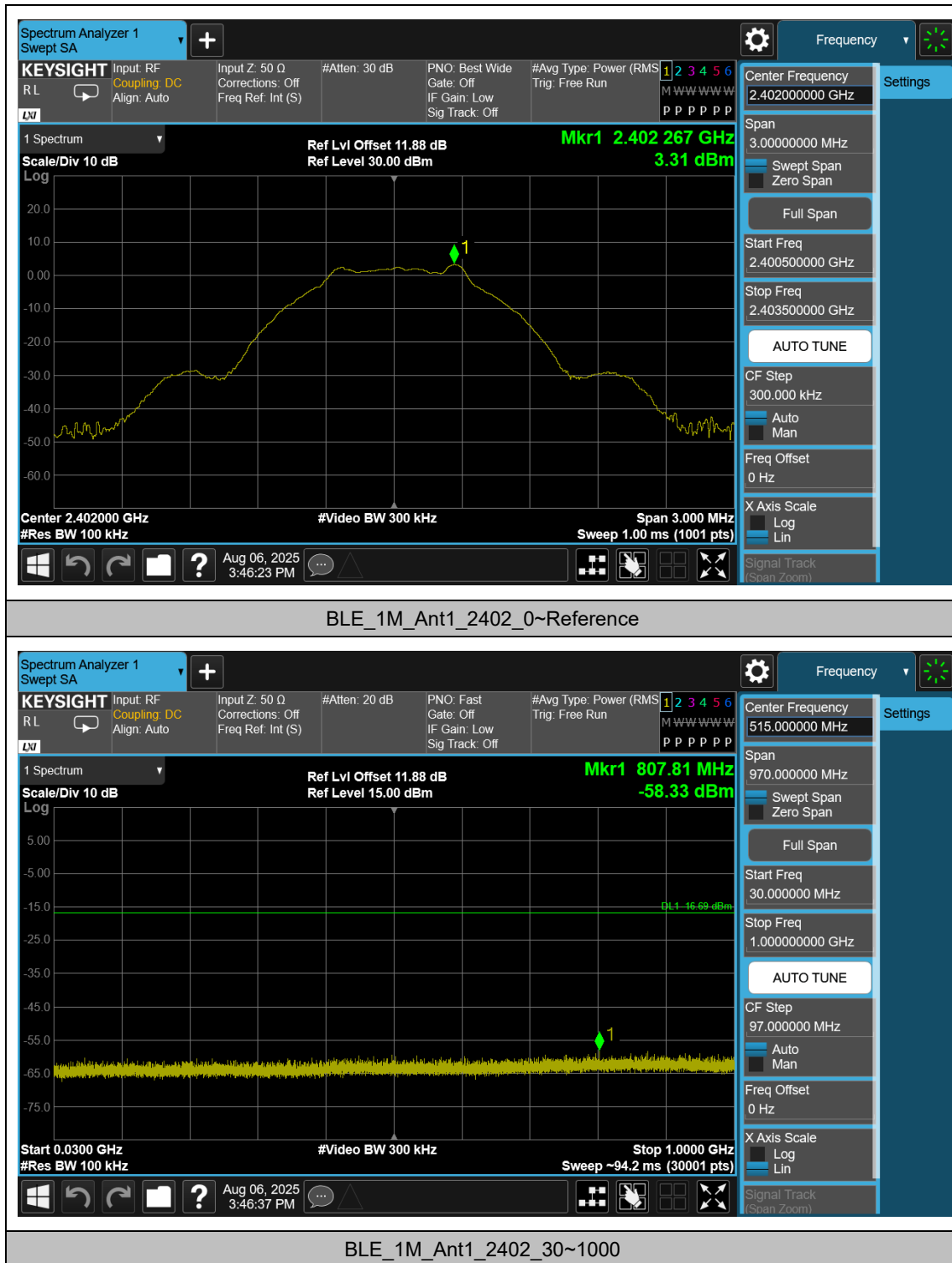
BLE_2M_Ant1_High_2480

Appendix F: Conducted Spurious Emission

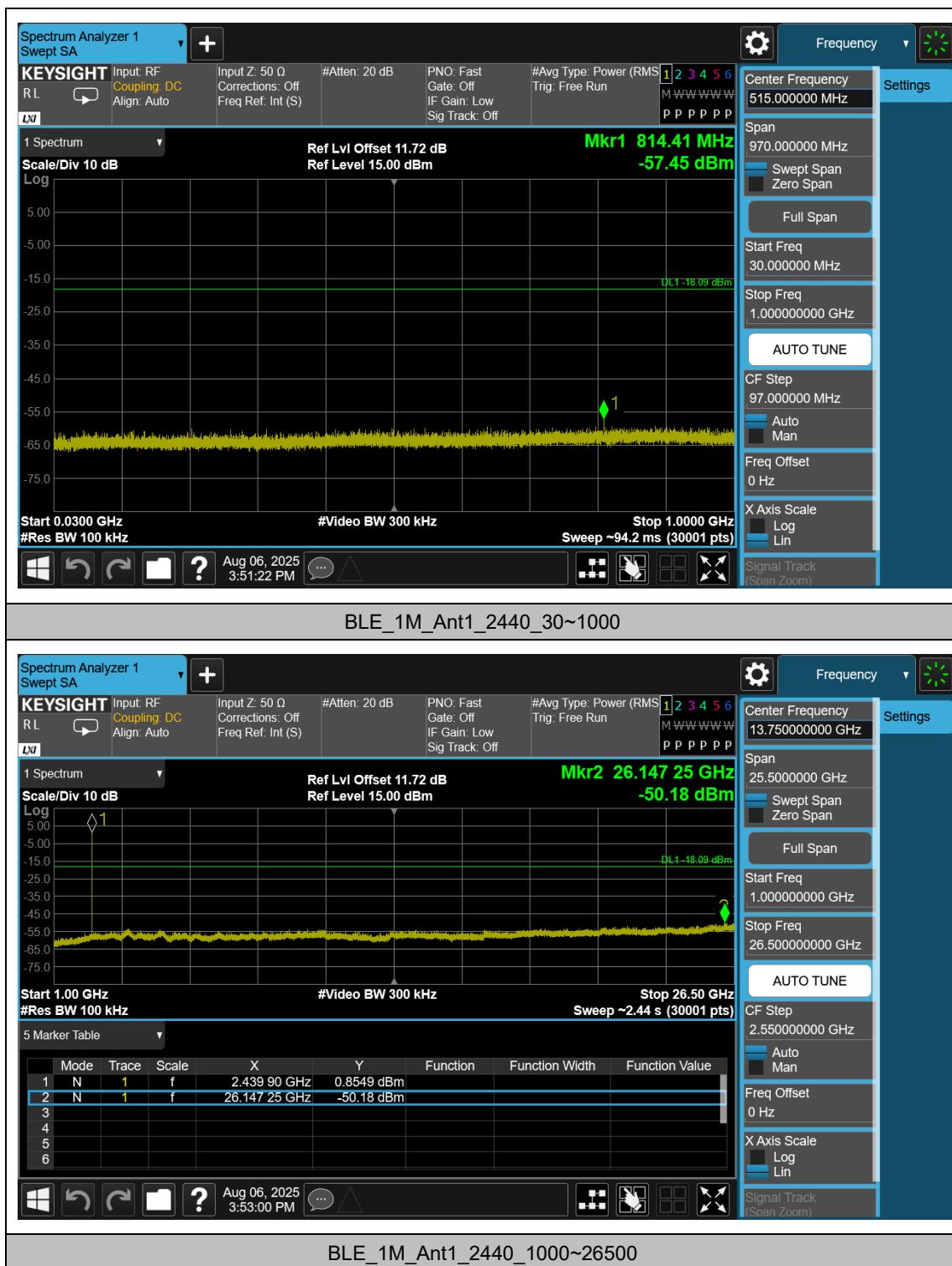
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.31	3.31	---	PASS
			30~1000	3.31	-58.33	≤-16.69	PASS
			1000~26500	3.31	-50.53	≤-16.69	PASS
		2440	Reference	1.91	1.91	---	PASS
			30~1000	1.91	-57.45	≤-18.09	PASS
			1000~26500	1.91	-50.18	≤-18.09	PASS
		2480	Reference	1.07	1.07	---	PASS
			30~1000	1.07	-58.95	≤-18.93	PASS
			1000~26500	1.07	-50.56	≤-18.93	PASS
BLE_2M	Ant1	2402	Reference	2.29	2.29	---	PASS
			30~1000	2.29	-58.18	≤-17.71	PASS
			1000~26500	2.29	-49.47	≤-17.71	PASS
		2440	Reference	0.89	0.89	---	PASS
			30~1000	0.89	-58.58	≤-19.11	PASS
			1000~26500	0.89	-49.81	≤-19.11	PASS
		2480	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-58.81	≤-19.97	PASS
			1000~26500	0.03	-50.49	≤-19.97	PASS

Test Graphs







BLE_1M_Ant1_2440_30~1000

Spectrum Analyzer 1

Swept SA

+

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corrections: Off

Freq Ref: Int (S)

#Atten: 20 dB

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Free Run

1 2 3 4 5 6

M W W W W W

P P P P P P

Center Frequency

13.750000000 GHz

Settings

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 11.72 dB

Ref Level 15.00 dBm

Mkr2 26.147 25 GHz

-50.18 dBm

Start 1.00 GHz

#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz

Sweep ~2.44 s (30001 pts)

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Span

25.5000000 GHz

Swept Span

Zero Span

Full Span

Start Freq

1.000000000 GHz

Stop Freq

26.500000000 GHz

AUTO TUNE

CF Step

2.550000000 GHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

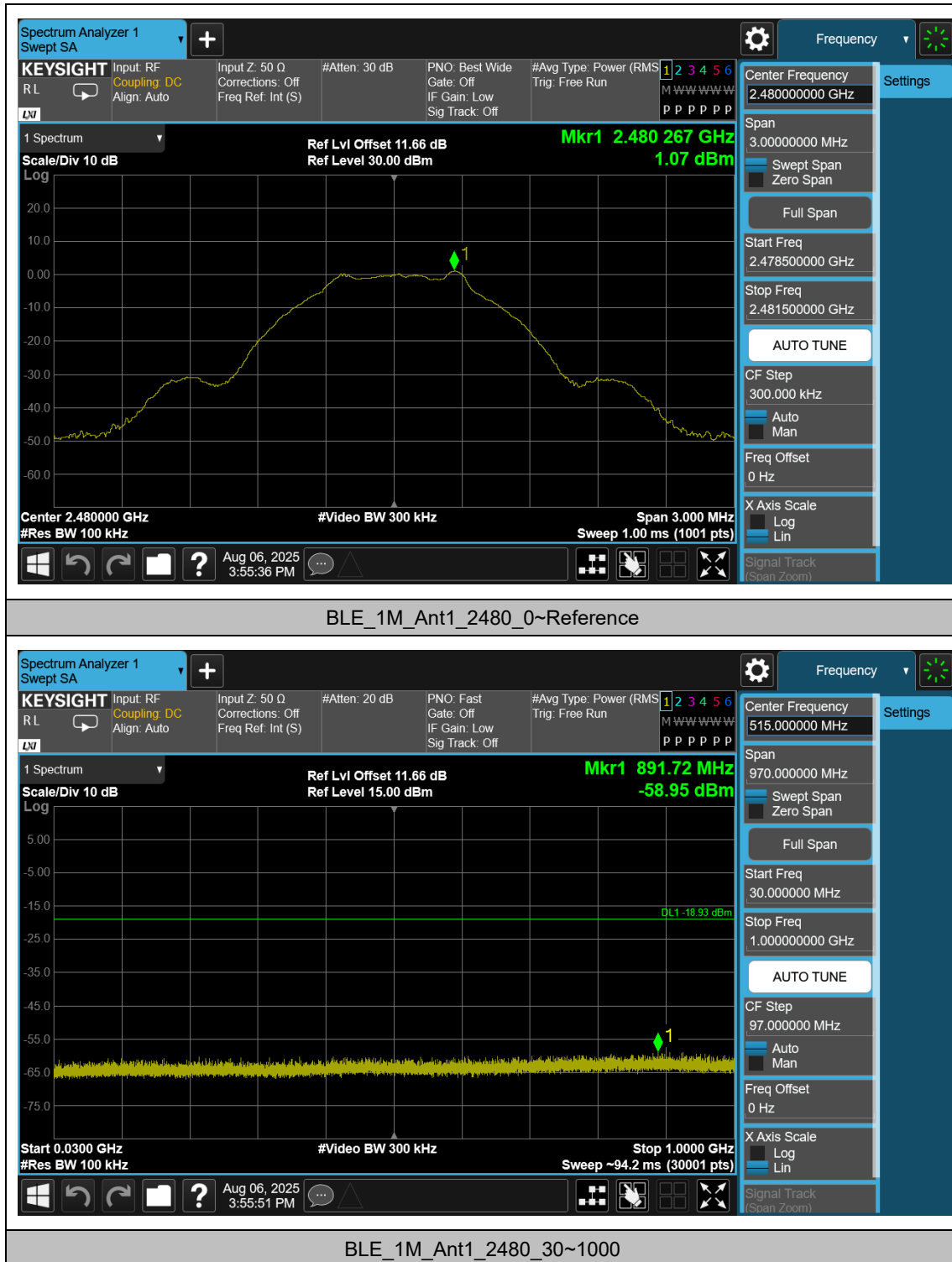
Signal Track

(Span Zoom)

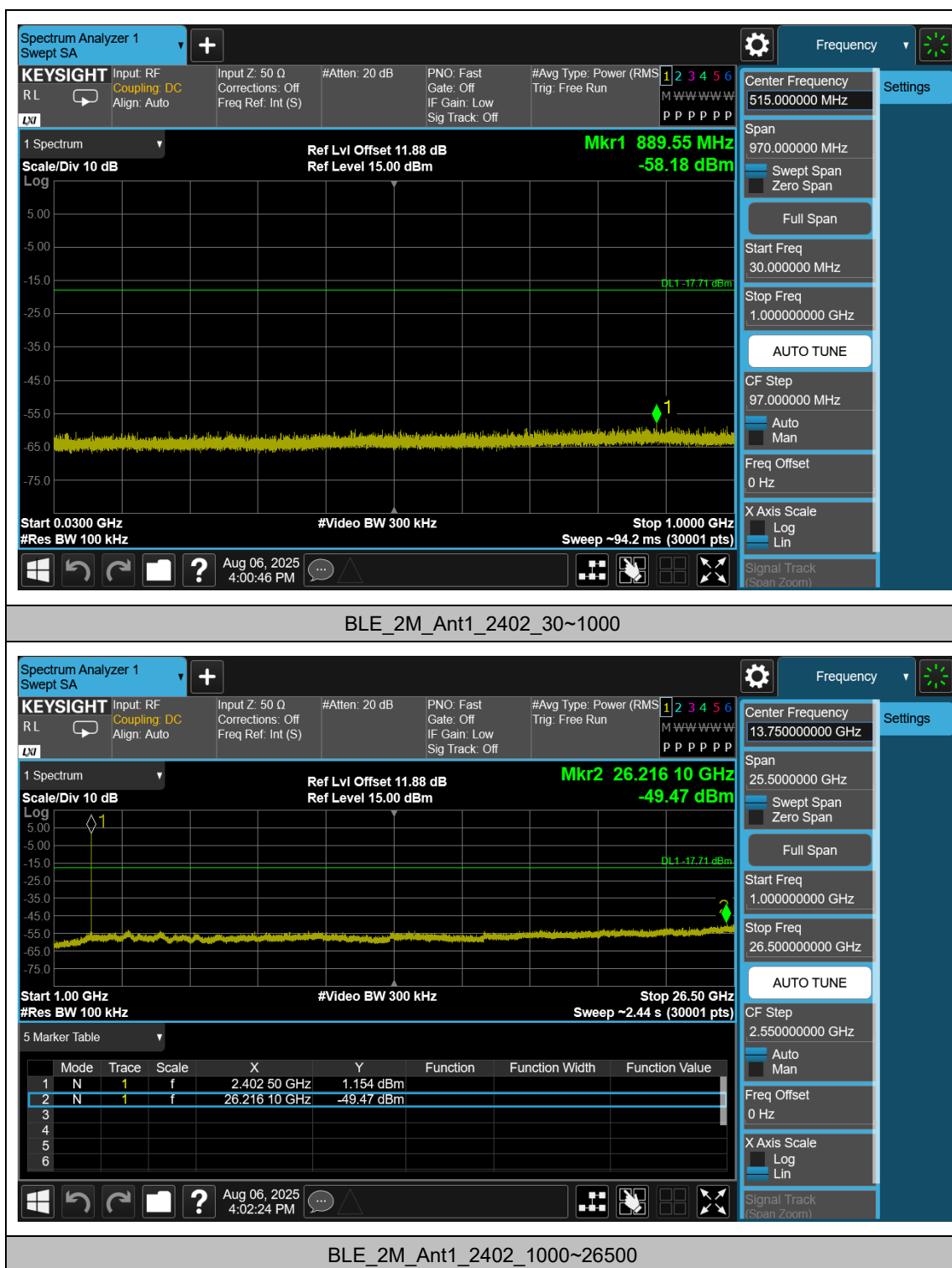
5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.439 90 GHz	0.8549 dBm			
2	N	1	f	26.147 25 GHz	-50.18 dBm			
3								
4								
5								
6								

BLE_1M_Ant1_2440_1000~26500

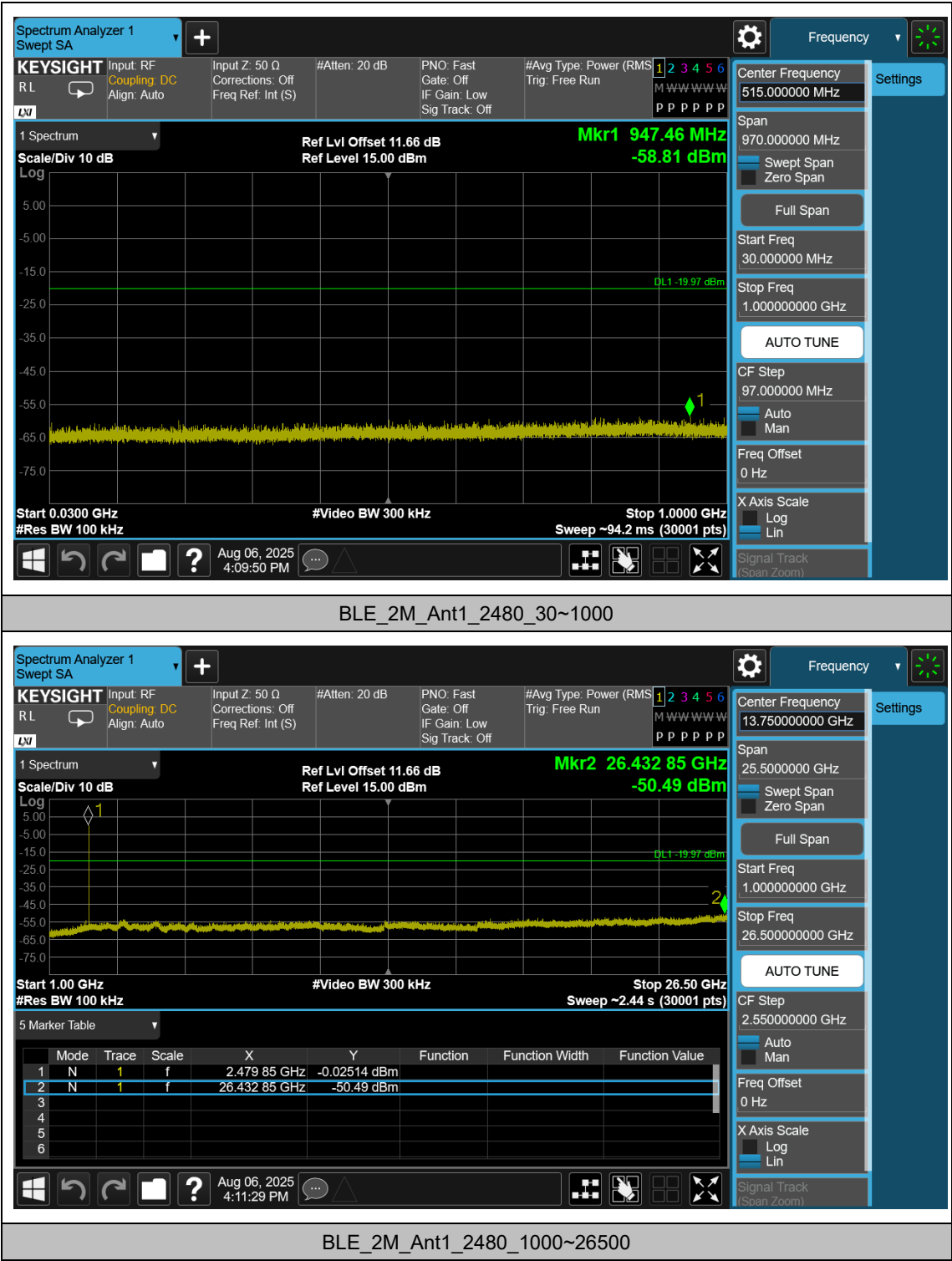












BLE_2M_Ant1_2480_30~1000

Spectrum Analyzer 1

Swept SA

+

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corrections: Off

Freq Ref: Int (S)

#Atten: 20 dB

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Free Run

1 2 3 4 5 6

M W W W W W

P P P P P P

Center Frequency

13.750000000 GHz

Span

25.5000000 GHz

Swept Span

Zero Span

Full Span

Start Freq

1.000000000 GHz

Stop Freq

26.500000000 GHz

AUTO TUNE

CF Step

2.550000000 GHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 11.66 dB

Ref Level 15.00 dBm

Mkr2 26.432 85 GHz

-50.49 dBm

DL1 -19.97 dBm

Start 1.00 GHz

#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz

Sweep ~2.44 s (30001 pts)

Aug 06, 2025 4:11:29 PM

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.479 85 GHz	-0.02514 dBm			
2	N	1	f	26.432 85 GHz	-50.49 dBm			
3								
4								
5								
6								

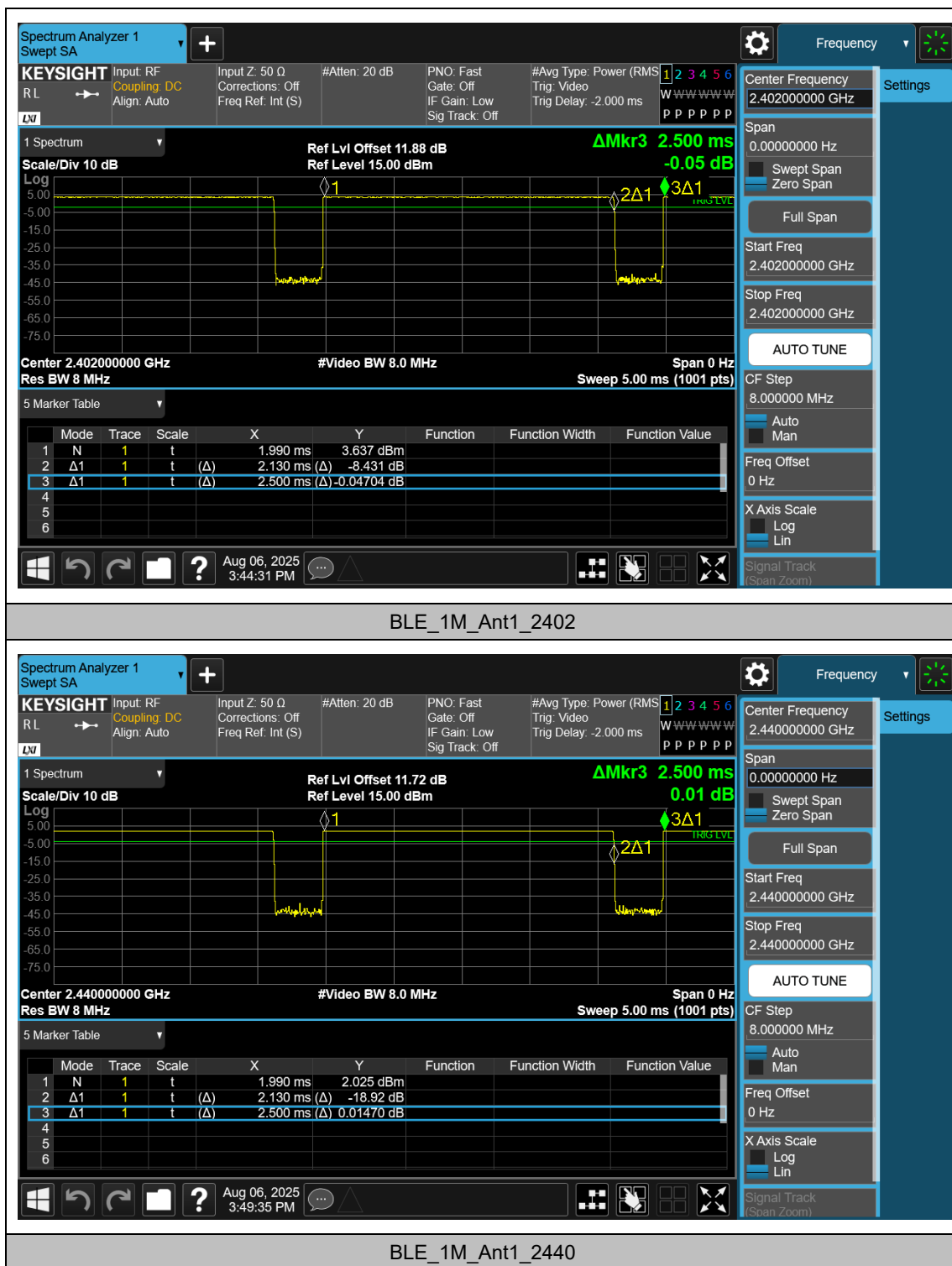
BLE_2M_Ant1_2480_1000~26500

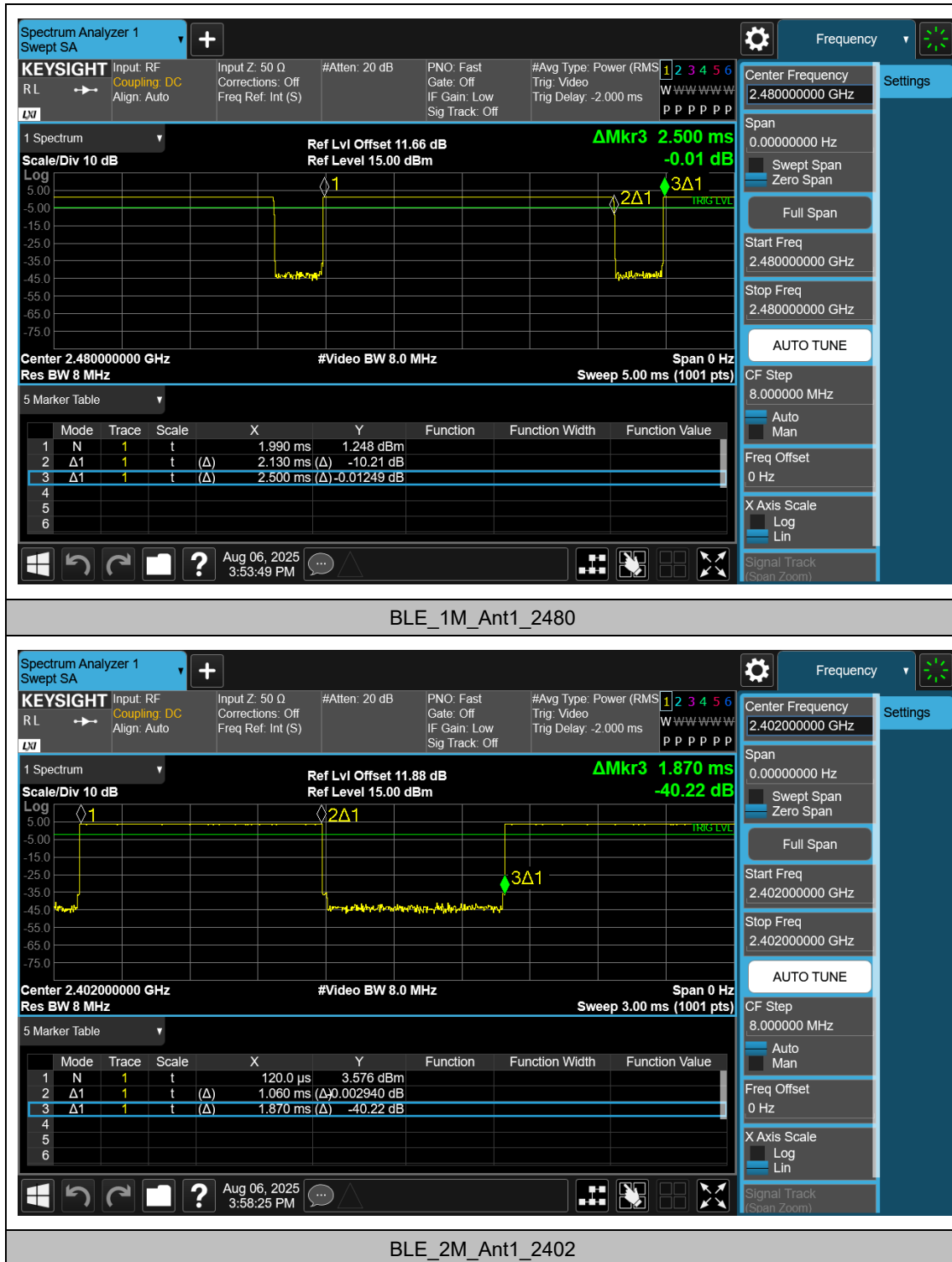
Appendix G: Duty Cycle

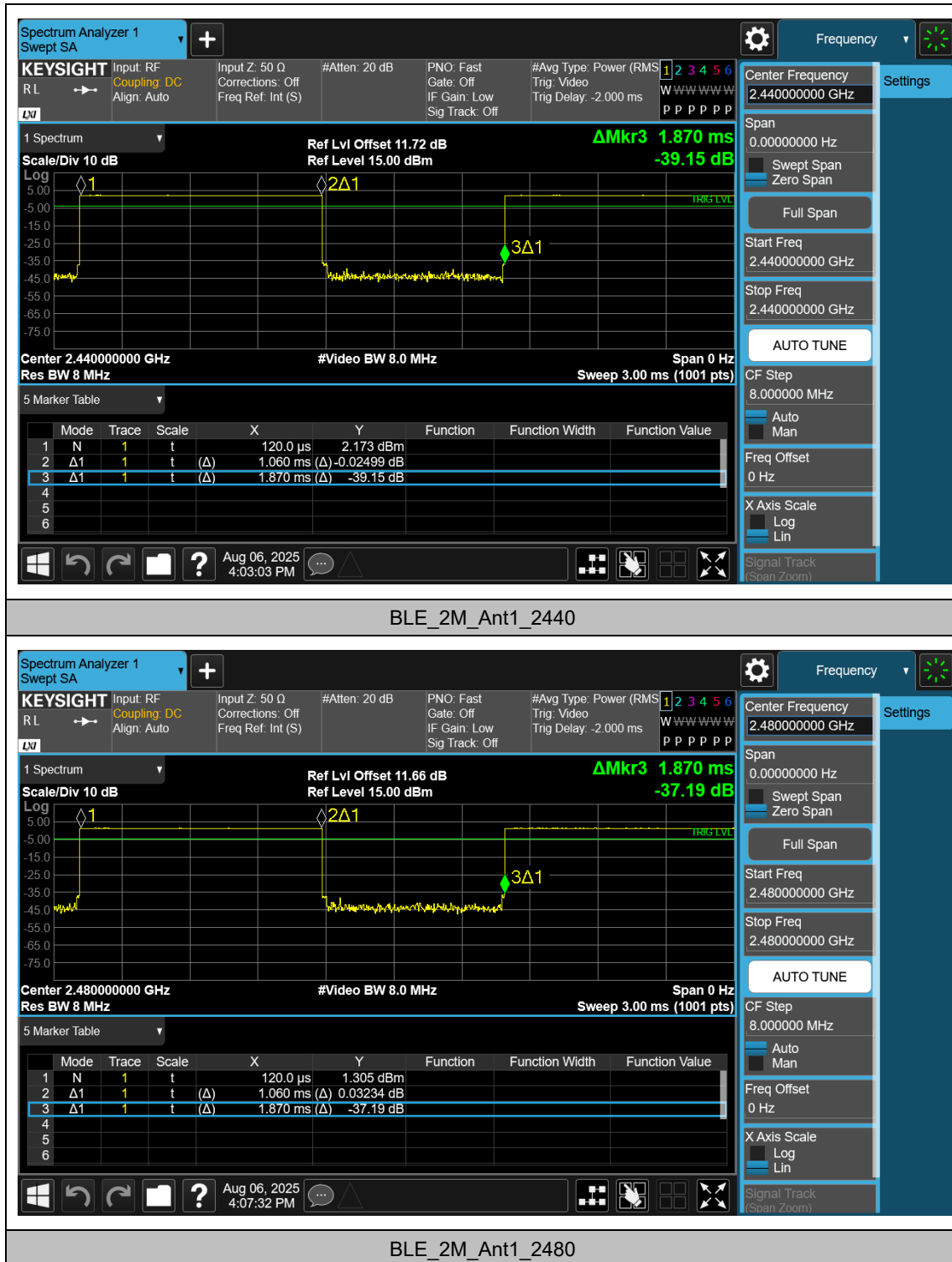
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.13	2.50	85.20
		2440	2.13	2.50	85.20
		2480	2.13	2.50	85.20
BLE_2M	Ant1	2402	1.06	1.87	56.68
		2440	1.06	1.87	56.68
		2480	1.06	1.87	56.68

Test Graphs







Appendix H: Emissions in Restricted Bands

Test Result

After the pretest, 115C Antenna was selected as the worst antenna and recorded in the report.

Mode:	BLE 1M-2402
-------	-------------

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	45.50	74.00	28.50	42.68	54.00	11.32	150	277	Horizontal	PASS
2	2369.2	7.53	51.25	74.00	22.75	44.68	54.00	9.32	150	265	Horizontal	PASS
3	2372.4	7.75	51.30	74.00	22.70	47.24	54.00	6.76	150	257	Horizontal	PASS
4	2385.28	8.01	52.54	74.00	21.46	45.51	54.00	8.49	150	267	Horizontal	PASS
5	2386.48	7.99	53.09	74.00	20.91	45.99	54.00	8.01	150	265	Horizontal	PASS
6	2390	8.28	48.80	74.00	25.20	44.16	54.00	9.84	150	270	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	45.03	74.00	28.97	42.42	54.00	11.58	150	224	Vertical	PASS
2	2330	7.12	47.36	74.00	26.64	42.01	54.00	11.99	150	112	Vertical	PASS
3	2362.88	7.44	47.03	74.00	26.97	45.35	54.00	8.65	150	204	Vertical	PASS
4	2372.48	7.76	47.44	74.00	26.56	44.63	54.00	9.37	150	103	Vertical	PASS
5	2385.84	8.00	48.68	74.00	25.32	43.89	54.00	10.11	150	103	Vertical	PASS
6	2390	8.28	46.85	74.00	27.15	42.69	54.00	11.31	150	86	Vertical	PASS

Mode:

BLE 1M-2480

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	7.53	52.65	74.00	21.35	49.15	54.00	4.85	150	252	Horizontal	PASS
2	2484.226	7.55	58.47	74.00	15.53	47.71	54.00	6.29	150	263	Horizontal	PASS
3	2485.3645	7.58	58.39	74.00	15.61	47.68	54.00	6.32	150	265	Horizontal	PASS
4	2489.308	7.64	58.37	74.00	15.63	48.46	54.00	5.54	150	263	Horizontal	PASS
5	2496.172	7.66	56.34	74.00	17.66	47.77	54.00	6.23	150	260	Horizontal	PASS
6	2500.0000	7.60	52.94	74.00	21.06	49.61	54.00	4.39	150	31	Horizontal	PASS

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.87	74.00	21.13	48.72	54.00	5.28	150	72	Vertical	PASS
2	2485.2325	7.59	53.58	74.00	20.42	49.62	54.00	4.38	150	341	Vertical	PASS
3	2487.5755	7.57	54.15	74.00	19.85	50.16	54.00	3.84	150	103	Vertical	PASS
4	2491.9975	7.65	53.46	74.00	20.54	50.31	54.00	3.69	150	132	Vertical	PASS
5	2494.357	7.67	53.81	74.00	20.19	50.32	54.00	3.68	150	257	Vertical	PASS
6	2500	7.60	52.26	74.00	21.74	49.55	54.00	4.45	150	126	Vertical	PASS

Mode:

BLE 2M-2402

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	47.62	74.00	26.38	42.85	54.00	11.15	150	266	Horizontal	PASS
2	2365.84	7.51	51.36	74.00	22.64	46.02	54.00	7.98	150	254	Horizontal	PASS
3	2381.68	8.10	49.77	74.00	24.23	45.71	54.00	8.29	150	259	Horizontal	PASS
4	2385.04	8.02	51.30	74.00	22.70	48.04	54.00	5.96	150	264	Horizontal	PASS
5	2388.8	8.13	53.30	74.00	20.70	48.69	54.00	5.31	150	264	Horizontal	PASS
6	2390	8.28	46.58	74.00	27.42	43.50	54.00	10.50	150	346	Horizontal	PASS

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	43.85	74.00	30.15	41.08	54.00	12.92	150	174	Vertical	PASS
2	2334.56	7.10	45.67	74.00	28.33	41.54	54.00	12.46	150	322	Vertical	PASS
3	2355.84	7.35	46.47	74.00	27.53	41.97	54.00	12.03	150	283	Vertical	PASS
4	2368.16	7.48	47.17	74.00	26.83	43.47	54.00	10.53	150	90	Vertical	PASS
5	2371.76	7.70	48.22	74.00	25.78	42.80	54.00	11.20	150	90	Vertical	PASS
6	2390	8.28	46.76	74.00	27.24	43.63	54.00	10.37	150	121	Vertical	PASS

Mode:	2M -2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.44	74.00	21.56	49.66	54.00	4.34	150	274	Horizontal	PASS
2	2488.516	7.59	55.05	74.00	18.95	47.92	54.00	6.08	150	43	Horizontal	PASS
3	2490.529	7.64	54.54	74.00	19.46	47.75	54.00	6.25	150	199	Horizontal	PASS
4	2496.832	7.68	55.02	74.00	18.98	49.83	54.00	4.17	150	324	Horizontal	PASS
5	2497.558	7.68	55.51	74.00	18.49	48.93	54.00	5.07	150	142	Horizontal	PASS
6	2500	7.60	52.21	74.00	21.79	49.79	54.00	4.21	150	160	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.93	74.00	21.07	50.08	54.00	3.92	150	234	Vertical	PASS
2	2486.008	7.54	54.55	74.00	19.45	50.50	54.00	3.50	150	132	Vertical	PASS
3	2487.823	7.55	54.83	74.00	19.17	49.25	54.00	4.75	150	136	Vertical	PASS
4	2488.879	7.63	53.65	74.00	20.35	47.88	54.00	6.12	150	50	Vertical	PASS
5	2494.423	7.67	53.49	74.00	20.51	49.64	54.00	4.36	150	83	Vertical	PASS
6	2500	7.60	53.08	74.00	20.92	49.66	54.00	4.34	150	25	Vertical	PASS

Appendix I: Spurious emissions

Test Result

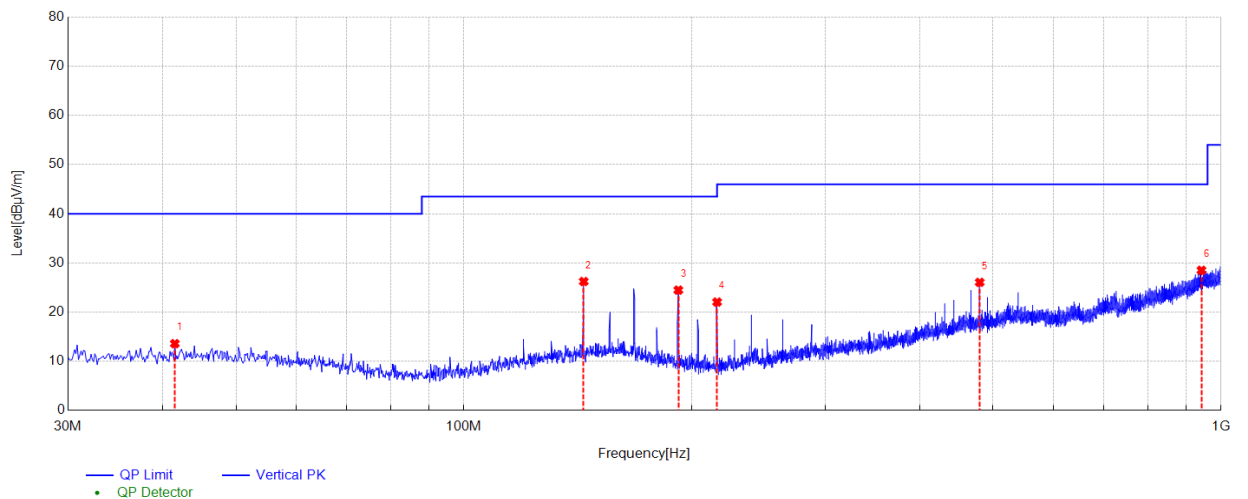
Note:

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

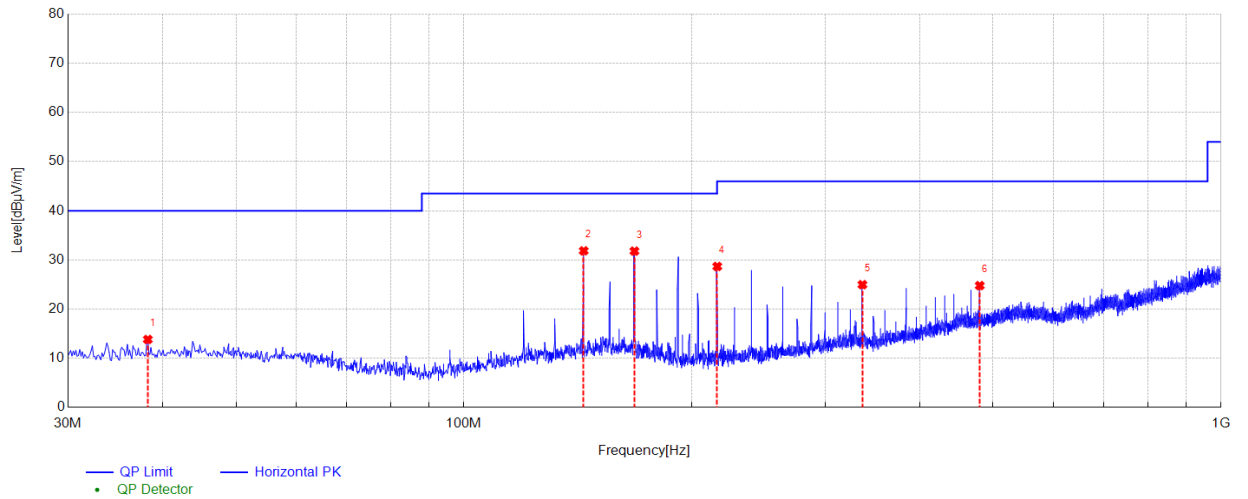
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (1M-2402MHz) condition was recorded in this report. The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz are reported.

After the pretest, 115C Antenna was selected as the worst antenna and recorded in the report.

Antenna: 115C



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	41.5188	13.60	-16.15	40.00	26.40	100	219	Vertical	PASS
2	143.975	26.23	-16.46	43.50	17.27	100	90	Vertical	PASS
3	191.990	24.48	-18.86	43.50	19.02	100	13	Vertical	PASS
4	215.997	22.05	-19.42	43.50	21.45	100	10	Vertical	PASS
5	480.080	26.06	-11.97	46.00	19.94	100	108	Vertical	PASS
6	942.285	28.51	-1.87	46.00	17.49	100	98	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	38.2450	13.84	-16.27	40.00	26.16	100	169	Horizontal	PASS
2	143.975	31.86	-16.46	43.50	11.64	100	204	Horizontal	PASS
3	167.982	31.80	-16.52	43.50	11.70	100	206	Horizontal	PASS
4	216.118	28.68	-19.43	46.00	17.32	100	181	Horizontal	PASS
5	336.035	24.98	-15.39	46.00	21.02	100	154	Horizontal	PASS
6	480.080	24.79	-11.97	46.00	21.21	100	24	Horizontal	PASS

Antenna: 115C

Mode:	BLE 1M-2402
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1258	42.37	2.61	74.00	31.63	150	360	Horizontal
2	3822	42.55	-16.44	74.00	31.45	150	97	Horizontal
3	5008.5	44.51	-13.92	74.00	29.49	150	213	Horizontal
4	6268.5	45.72	-10.77	74.00	28.28	150	263	Horizontal
5	7471.5	45.75	-10.13	74.00	28.25	150	30	Horizontal
6	11769	48.37	-2.66	74.00	25.63	150	17	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.8	43.66	2.50	74.00	30.34	150	220	Vertical
2	1801.6	45.66	5.26	74.00	28.34	150	160	Vertical
3	3949.5	45.30	-15.42	74.00	28.70	150	244	Vertical
4	5266.5	45.78	-13.00	74.00	28.22	150	341	Vertical
5	9198	45.33	-7.55	74.00	28.67	150	35	Vertical
6	11036.2	48.42	-3.90	74.00	25.58	150	121	Vertical

Mode:	BLE 1M-2440
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1223.2	42.61	2.48	74.00	31.39	150	63	Horizontal
2	1656	43.09	3.21	74.00	30.91	150	189	Horizontal
3	4266.75	43.39	-15.58	74.00	30.61	150	189	Horizontal
4	6036.75	43.97	-11.43	74.00	30.03	150	60	Horizontal
5	6352.5	44.67	-10.62	74.00	29.33	150	168	Horizontal
6	8967.75	46.10	-8.37	74.00	27.90	150	218	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1234.4	43.36	2.51	74.00	30.64	150	79	Vertical
2	1889.2	45.41	6.10	74.00	28.59	150	181	Vertical
3	3940.5	46.99	-16.02	74.00	27.01	150	247	Vertical
4	4744.5	47.20	-14.40	74.00	26.80	150	4	Vertical
5	6192	44.42	-11.50	74.00	29.58	150	8	Vertical
6	8403.75	44.86	-9.33	74.00	29.14	150	337	Vertical

Mode:	BLE 1M-2480
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1302.8	43.58	2.71	74.00	30.42	150	25	Horizontal
2	1680	42.68	3.51	74.00	31.32	150	360	Horizontal
3	4916.25	43.82	-13.09	74.00	30.18	150	217	Horizontal
4	7313.25	45.43	-10.47	74.00	28.57	150	326	Horizontal
5	8021.25	44.93	-9.43	74.00	29.07	150	242	Horizontal
6	10735.5	47.53	-5.08	74.00	26.47	150	130	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1312.8	44.47	2.63	74.00	29.53	150	254	Vertical
2	1863.2	48.44	5.92	74.00	25.56	150	77	Vertical
3	4275	44.89	-15.27	74.00	29.11	150	43	Vertical
4	5250	46.28	-13.08	74.00	27.72	150	137	Vertical
5	6576.75	47.28	-10.90	74.00	26.72	150	6	Vertical
6	7860.75	45.20	-10.14	74.00	28.80	150	193	Vertical

Mode:	BLE 2M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1235.2	42.45	2.51	74.00	31.55	150	336	Horizontal
2	1799.6	47.65	5.23	74.00	26.35	150	338	Horizontal
3	3839.25	42.94	-15.40	74.00	31.06	150	291	Horizontal
4	5683.5	44.13	-12.23	74.00	29.87	150	70	Horizontal
5	6779.25	46.47	-10.94	74.00	27.53	150	40	Horizontal
6	7693.5	45.44	-9.83	74.00	28.56	150	8	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1314.8	43.50	2.63	74.00	30.50	150	244	Vertical
2	1900.4	45.43	6.24	74.00	28.57	150	79	Vertical
3	3955.5	46.62	-15.77	74.00	27.38	150	320	Vertical
4	5046.75	44.64	-13.06	74.00	29.36	150	249	Vertical
5	7271.25	45.88	-10.48	74.00	28.12	150	159	Vertical
6	9641.25	46.23	-6.78	74.00	27.77	150	118	Vertical

Mode:	BLE 2M-2440
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1327.2	42.75	2.46	74.00	31.25	150	206	Horizontal
2	1836	50.62	5.87	74.00	23.38	150	215	Horizontal
3	3831	42.99	-15.92	74.00	31.01	150	256	Horizontal
4	5625.75	44.48	-12.26	74.00	29.52	150	279	Horizontal
5	6749.25	45.05	-10.07	74.00	28.95	150	0	Horizontal
6	8961	45.41	-8.30	74.00	28.59	150	309	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1313.6	42.85	2.63	74.00	31.15	150	324	Vertical
2	1899.2	45.23	6.24	74.00	28.77	150	339	Vertical
3	4909.5	44.71	-12.84	74.00	29.29	150	221	Vertical
4	7008	44.93	-10.18	74.00	29.07	150	328	Vertical
5	8223	45.58	-8.99	74.00	28.42	150	10	Vertical
6	10542.7	47.64	-5.55	74.00	26.36	150	71	Vertical

Mode:	BLE 2M-2480
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1453.2	42.13	2.32	74.00	31.87	150	228	Horizontal
2	1888.8	46.29	6.10	74.00	27.71	150	213	Horizontal
3	4258.5	43.34	-15.62	74.00	30.66	150	22	Horizontal
4	6383.25	45.64	-10.66	74.00	28.36	150	83	Horizontal
5	7713	44.96	-9.79	74.00	29.04	150	209	Horizontal
6	10678.5	47.12	-5.43	74.00	26.88	150	54	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1259.6	42.76	2.63	74.00	31.24	150	202	Vertical
2	2014.4	46.10	6.58	74.00	27.90	150	355	Vertical
3	3945	43.55	-15.72	74.00	30.45	150	326	Vertical
4	5256	45.94	-12.86	74.00	28.06	150	344	Vertical
5	6214.5	44.72	-10.92	74.00	29.28	150	344	Vertical
6	9366.75	46.41	-7.29	74.00	27.59	150	218	Vertical

Antenna: A10

Mode:	BLE-1M-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1594	2.73	43.56	74.00	30.44	35.72	54.00	18.28	150	227	Horizontal	PASS
2	2704	8.45	50.47	74.00	23.53	40.08	54.00	13.92	150	300	Horizontal	PASS
3	4947	-13.71	42.47	74.00	31.53	34.05	54.00	19.95	150	292	Horizontal	PASS
4	6147	-10.73	44.13	74.00	29.87	34.43	54.00	19.57	150	214	Horizontal	PASS
5	9348	-7.22	45.04	74.00	28.96	35.30	54.00	18.70	150	341	Horizontal	PASS
6	11826	-2.47	46.96	74.00	27.04	37.92	54.00	16.08	150	125	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.73	44.66	74.00	29.34	42.52	54.00	11.48	150	117	Vertical	PASS
2	2102	6.68	48.57	74.00	25.43	45.96	54.00	8.04	150	244	Vertical	PASS
3	4290	-14.69	41.09	74.00	32.91	32.88	54.00	21.12	150	138	Vertical	PASS
4	6000	-11.30	46.17	74.00	27.83	35.23	54.00	18.77	150	209	Vertical	PASS
5	9003	-8.23	45.90	74.00	28.10	36.67	54.00	17.33	150	183	Vertical	PASS
6	12000	-2.92	47.40	74.00	26.60	37.29	54.00	16.71	150	251	Vertical	PASS

Antenna: Q10

Mode:	BLE-1M-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.73	46.41	74.00	27.59	38.91	54.00	15.09	150	269	Vertical	PASS
2	1728	4.04	48.82	74.00	25.18	35.82	54.00	18.18	150	95	Vertical	PASS
3	4152	-15.50	40.67	74.00	33.33	32.38	54.00	21.62	150	178	Vertical	PASS
4	6000	-11.30	46.77	74.00	27.23	37.04	54.00	16.96	150	221	Vertical	PASS
5	8994	-8.30	45.91	74.00	28.09	36.62	54.00	17.38	150	184	Vertical	PASS
6	13521	-0.83	47.68	74.00	26.32	38.13	54.00	15.87	150	339	Vertical	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.73	43.29	74.00	30.71	37.59	54.00	16.41	150	254	Horizontal	PASS
2	1992	6.63	44.71	74.00	29.29	37.94	54.00	16.06	150	4	Horizontal	PASS
3	4482	-14.62	40.46	74.00	33.54	32.12	54.00	21.88	150	217	Horizontal	PASS
4	5460	-12.34	41.79	74.00	32.21	33.62	54.00	20.38	150	314	Horizontal	PASS
5	8025	-9.54	42.41	74.00	31.59	34.29	54.00	19.71	150	43	Horizontal	PASS
6	15294	1.88	48.34	74.00	25.66	40.18	54.00	13.82	150	177	Horizontal	PASS

Antenna: 450L

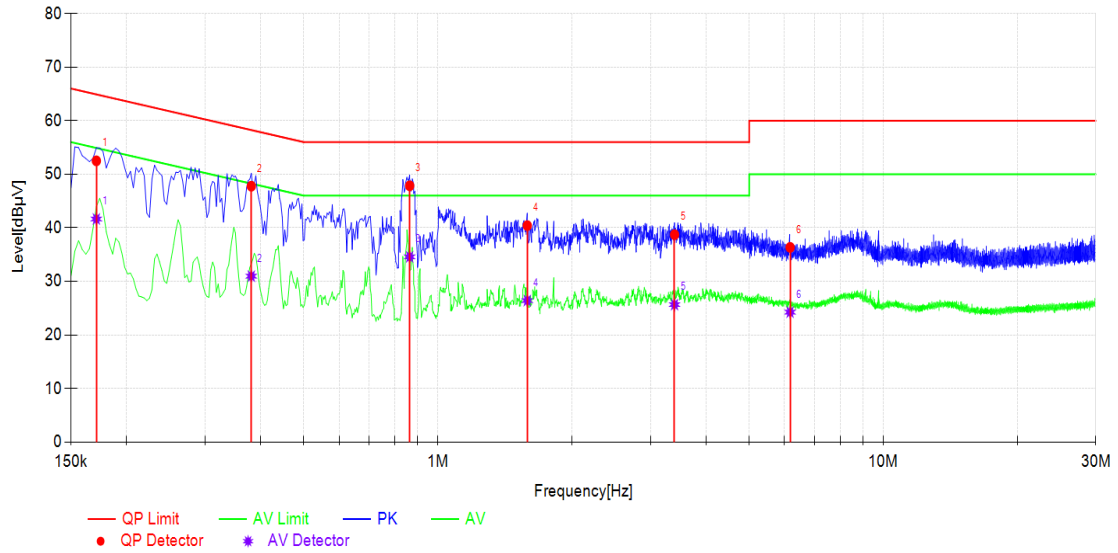
Mode:	BLE-1M-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.73	42.76	74.00	31.24	37.93	54.00	16.07	150	291	Horizontal	PASS
2	4905	-13.02	41.42	74.00	32.58	33.07	54.00	20.93	150	159	Horizontal	PASS
3	7005	-10.29	42.62	74.00	31.38	34.93	54.00	19.07	150	202	Horizontal	PASS
4	9408	-7.59	43.69	74.00	30.31	34.55	54.00	19.45	150	360	Horizontal	PASS
5	11433	-3.65	46.16	74.00	27.84	37.63	54.00	16.37	150	358	Horizontal	PASS
6	13899	-0.89	46.78	74.00	27.22	36.95	54.00	17.05	150	262	Horizontal	PASS

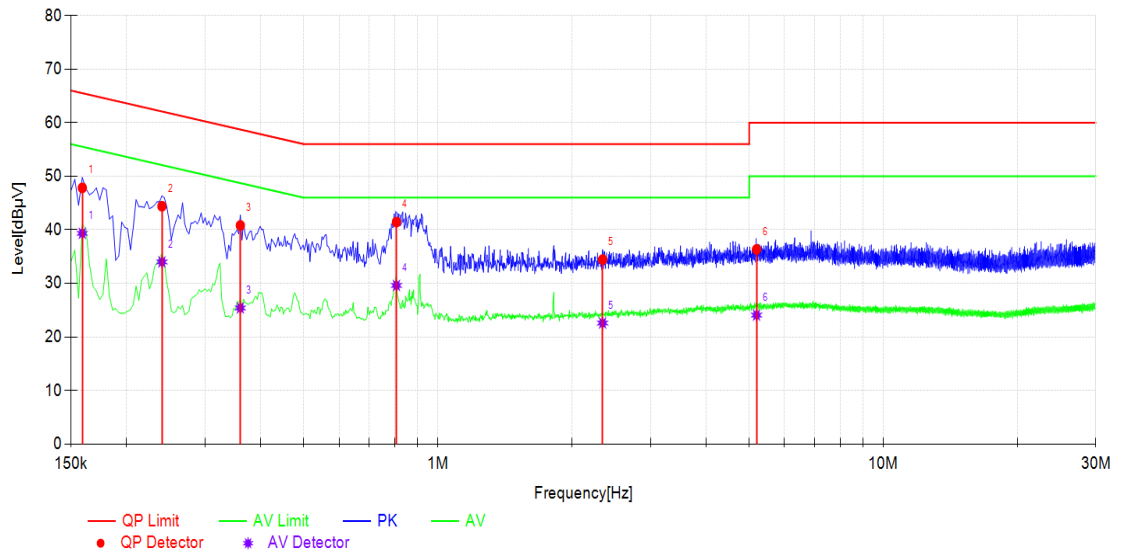
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.73	47.53	74.00	26.47	43.85	54.00	10.15	150	108	Vertical	PASS
2	4476	-14.78	40.25	74.00	33.75	34.40	54.00	19.60	150	120	Vertical	PASS
3	6000	-11.30	46.43	74.00	27.57	34.90	54.00	19.10	150	212	Vertical	PASS
4	8994	-8.30	45.86	74.00	28.14	38.16	54.00	15.84	150	183	Vertical	PASS
5	11565	-2.89	45.97	74.00	28.03	37.90	54.00	16.10	150	318	Vertical	PASS
6	14310	0.58	47.57	74.00	26.43	39.33	54.00	14.67	150	263	Vertical	PASS

Appendix J: Conducted emission

Test Result



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.171	10.29	52.51	64.91	12.40	41.65	54.91	13.26	L1	PASS
2	0.381	10.29	47.78	58.26	10.48	30.98	48.26	17.28	L1	PASS
3	0.864	10.31	47.86	56.00	8.14	34.58	46.00	11.42	L1	PASS
4	1.587	10.31	40.42	56.00	15.58	26.42	46.00	19.58	L1	PASS
5	3.399	10.29	38.73	56.00	17.27	25.67	46.00	20.33	L1	PASS
6	6.177	10.39	36.36	60.00	23.64	24.26	50.00	25.74	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.159	10.35	47.85	65.52	17.67	39.35	55.52	16.17	N	PASS
2	0.24	10.34	44.42	62.10	17.68	34.01	52.10	18.09	N	PASS
3	0.36	10.30	40.83	58.73	17.90	25.42	48.73	23.31	N	PASS
4	0.807	10.26	41.46	56.00	14.54	29.62	46.00	16.38	N	PASS
5	2.343	10.38	34.46	56.00	21.54	22.60	46.00	23.40	N	PASS
6	5.193	10.41	36.35	60.00	23.65	24.08	50.00	25.92	N	PASS