

Appendix A: Test Results of Bluetooth Low Energy

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Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.80	≤8.00	PASS
		2440	-9.51	≤8.00	PASS
		2480	-8.74	≤8.00	PASS
BLE_2M	Ant1	2402	-15.67	≤8.00	PASS
		2440	-14.81	≤8.00	PASS
		2480	-14.06	≤8.00	PASS

BLE 1M Ant1_2402



BLE 1M Ant1_2440



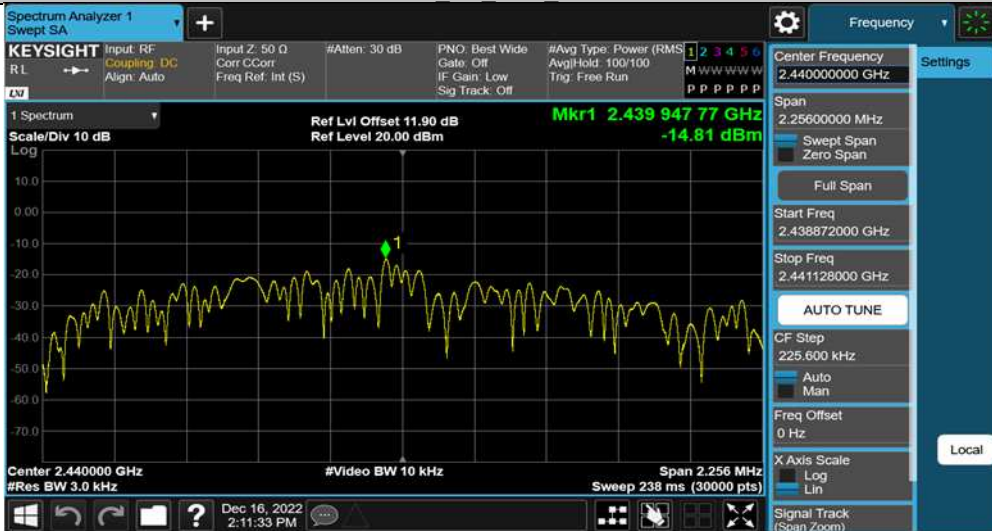
BLE 1M Ant1_2480



BLE 2M Ant1_2402



BLE 2M Ant1_2440



BLE 2M Ant1_2480



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.616	2401.724	2402.340	0.5	PASS
		2440	0.632	2439.668	2440.300	0.5	PASS
		2480	0.612	2479.676	2480.288	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.420	2402.548	0.5	PASS
		2440	1.128	2439.436	2440.564	0.5	PASS
		2480	1.120	2479.416	2480.536	0.5	PASS

BLE 1M Ant1 2402



BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0318	2401.5017	2402.5335	---	PASS
		2440	1.0655	2439.4888	2440.5543	---	PASS
		2480	1.0556	2479.4839	2480.5395	---	PASS
BLE_2M	Ant1	2402	2.0499	2401.0293	2403.0792	---	PASS
		2440	2.0624	2439.0001	2441.0625	---	PASS
		2480	2.0532	2479.0028	2481.0560	---	PASS

BLE 1M Ant1_2402



BLE 1M Ant1_2440



BLE 1M Ant1_2480



BLE 2M Ant1_2402



BLE 2M Ant1_2440



BLE 2M Ant1_2480

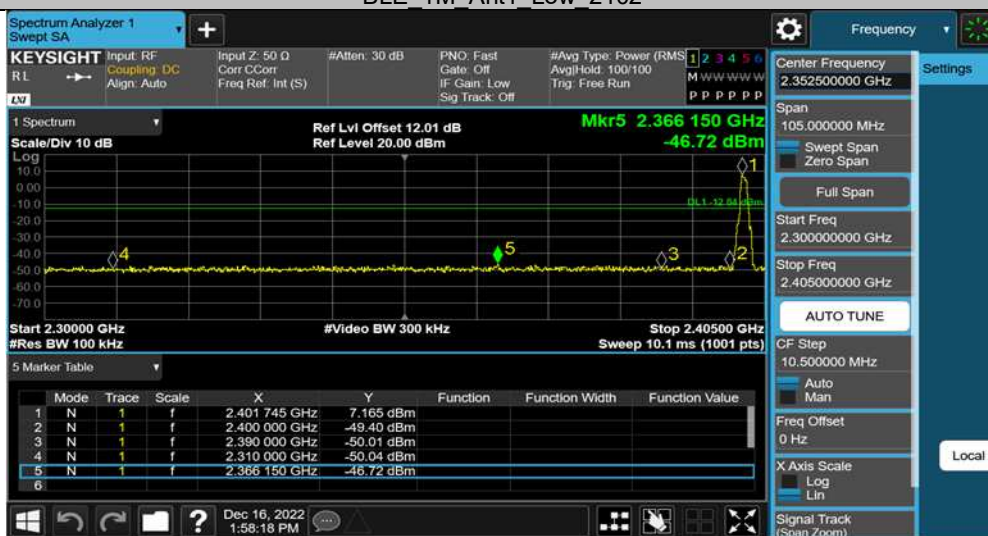


Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

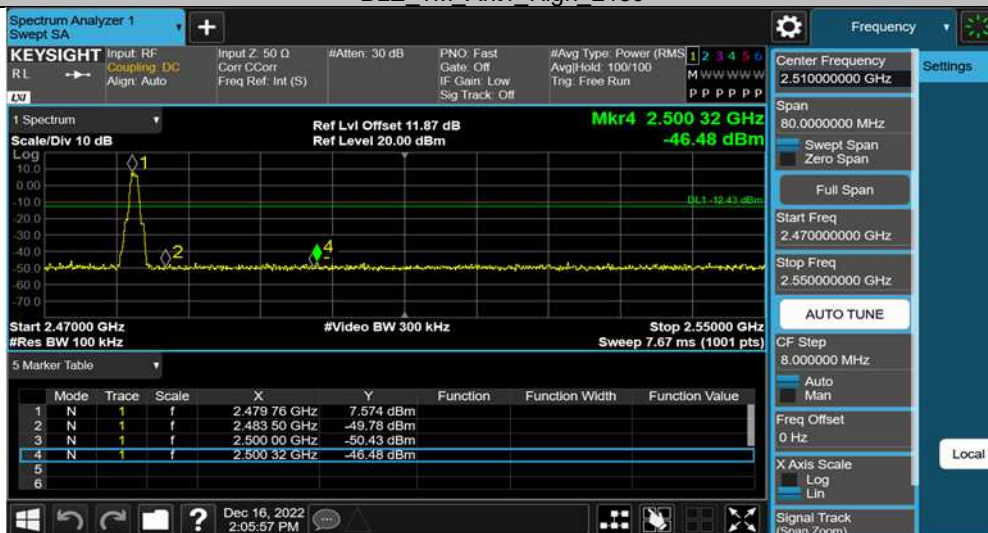
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.17	-46.72	≤-12.84	PASS
		High	2480	7.57	-46.48	≤-12.43	PASS
BLE_2M	Ant1	Low	2402	6.29	-39.2	≤-13.71	PASS
		High	2480	6.65	-46.35	≤-13.35	PASS

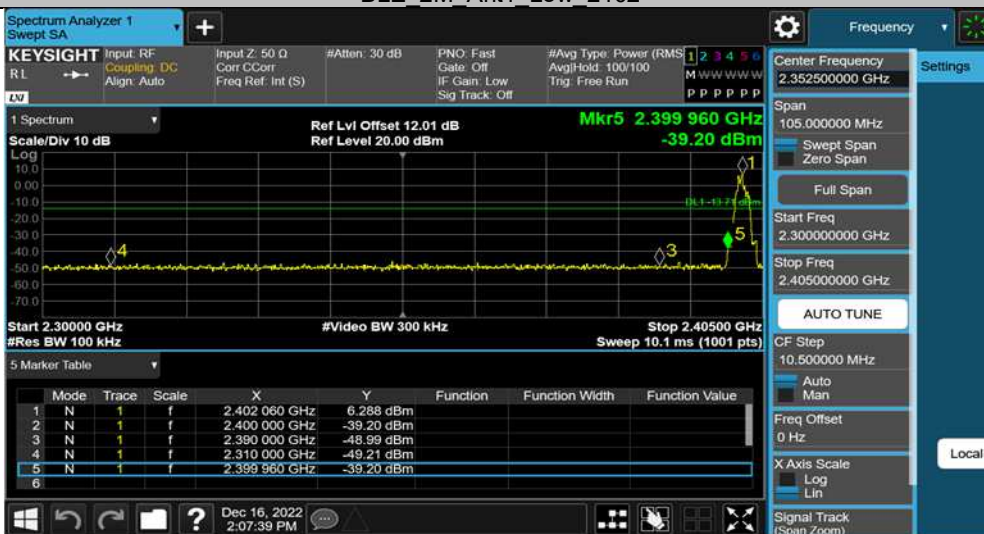
BLE 1M Ant1 Low 2402



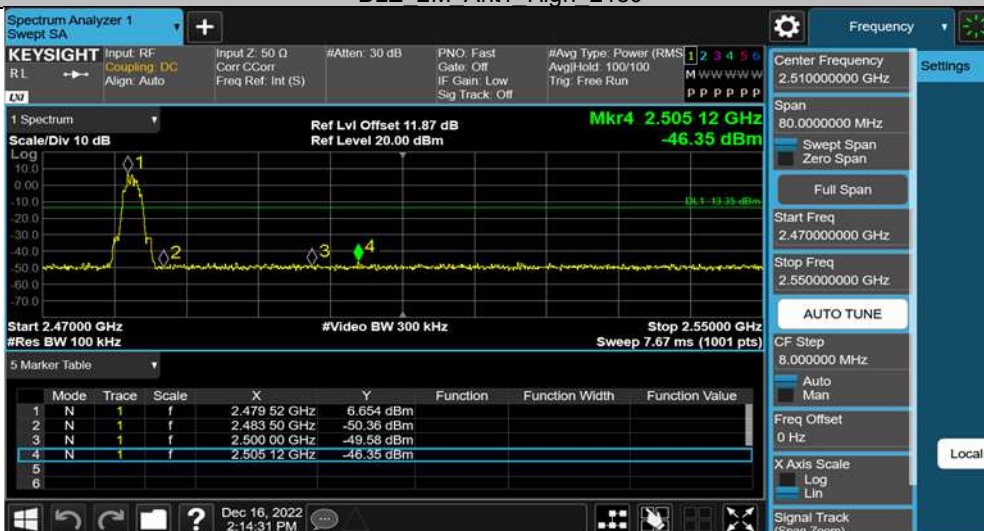
BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402

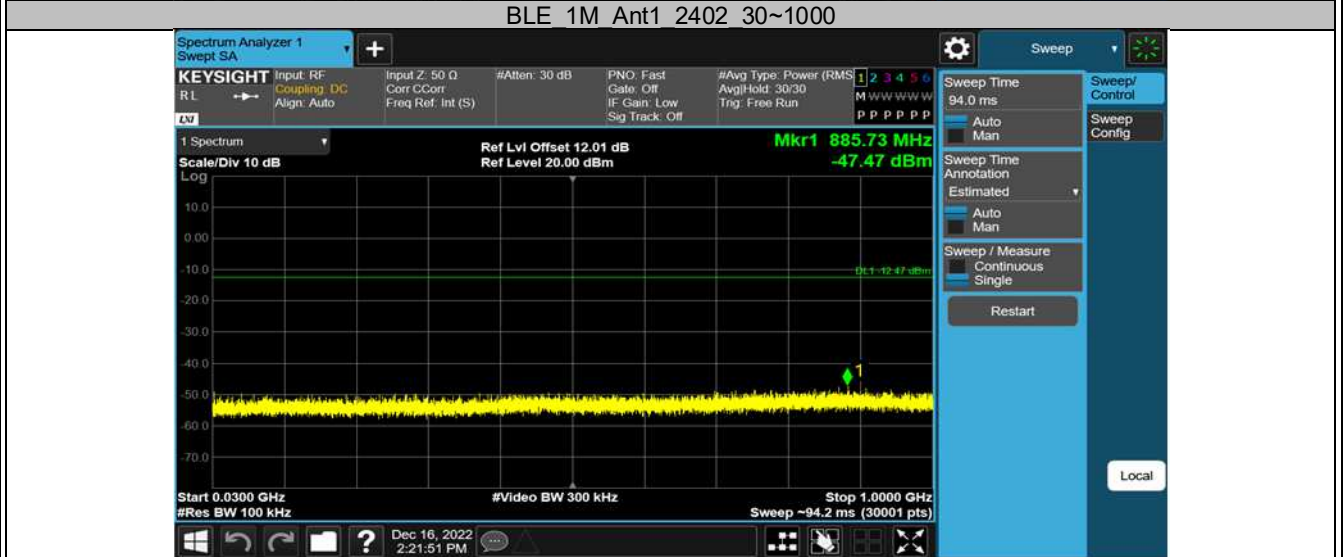


BLE 2M Ant1 High 2480



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.53	7.53	---	PASS
			30~1000	7.53	-47.47	≤-12.47	PASS
			1000~26500	7.53	-38.24	≤-12.47	PASS
		2440	Reference	7.83	7.83	---	PASS
			30~1000	7.83	-47.97	≤-12.17	PASS
			1000~26500	7.83	-38.81	≤-12.17	PASS
		2480	Reference	8.63	8.63	---	PASS
			30~1000	8.63	-47.75	≤-11.37	PASS
			1000~26500	8.63	-38.63	≤-11.37	PASS
BLE_2M	Ant1	2402	Reference	6.67	6.67	---	PASS
			30~1000	6.67	-47.94	≤-13.33	PASS
			1000~26500	6.67	-38.32	≤-13.33	PASS
		2440	Reference	6.96	6.96	---	PASS
			30~1000	6.96	-48.07	≤-13.04	PASS
			1000~26500	6.96	-38.42	≤-13.04	PASS
		2480	Reference	7.86	7.86	---	PASS
			30~1000	7.86	-48.22	≤-12.14	PASS
			1000~26500	7.86	-38.99	≤-12.14	PASS



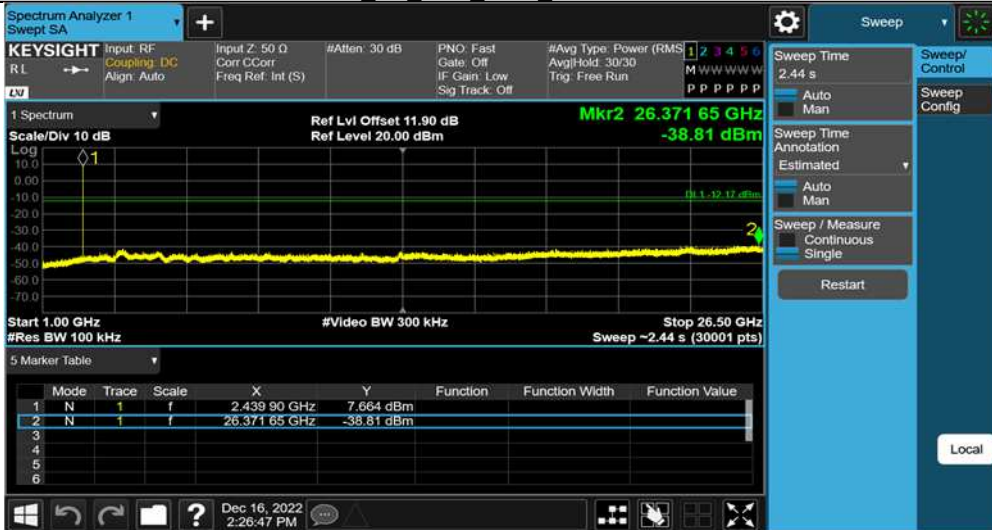
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000



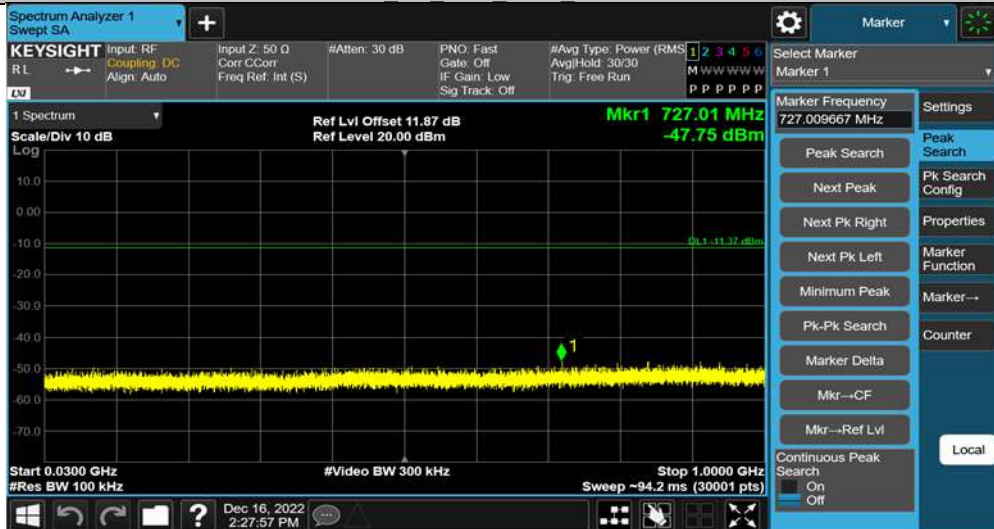
BLE 1M Ant1 2440 1000~26500



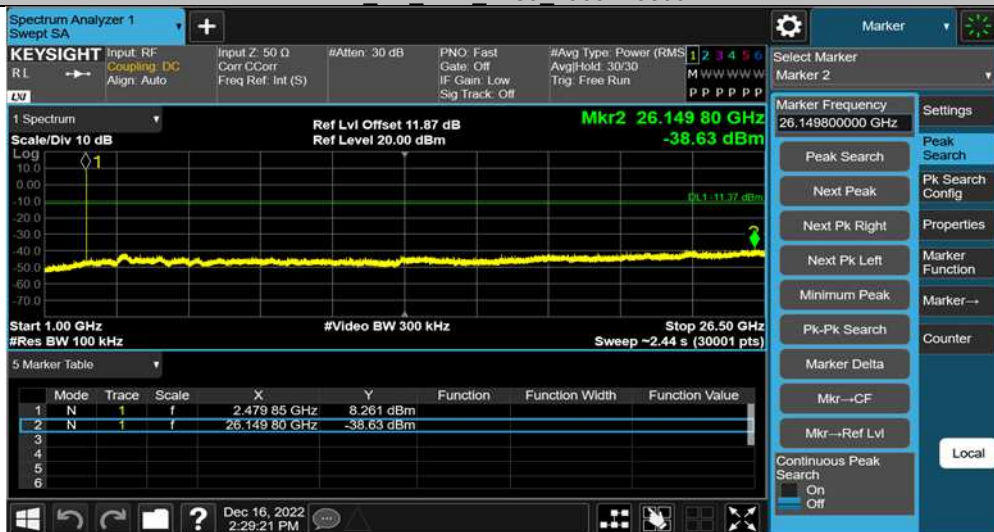
BLE 1M Ant1 2480 0~Reference

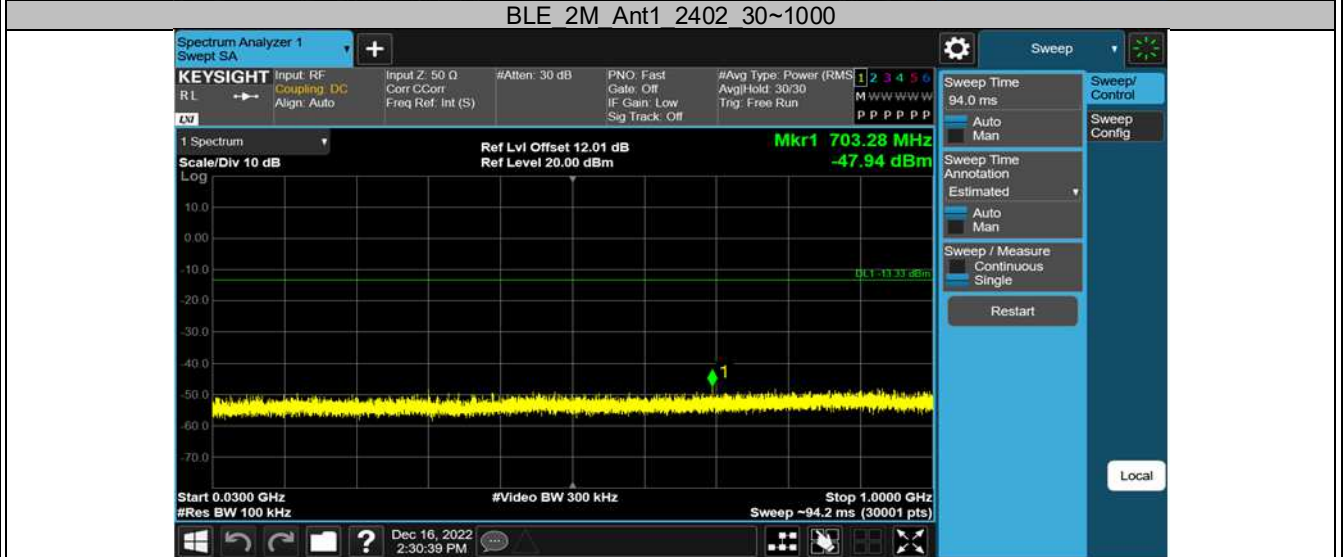


BLE 1M Ant1 2480 30~1000



BLE 1M Ant1 2480 1000~26500





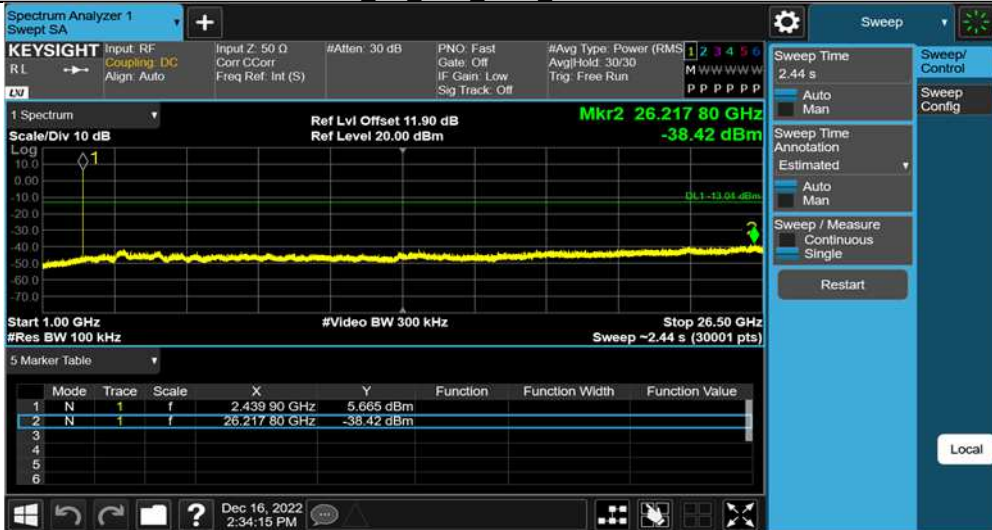
BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



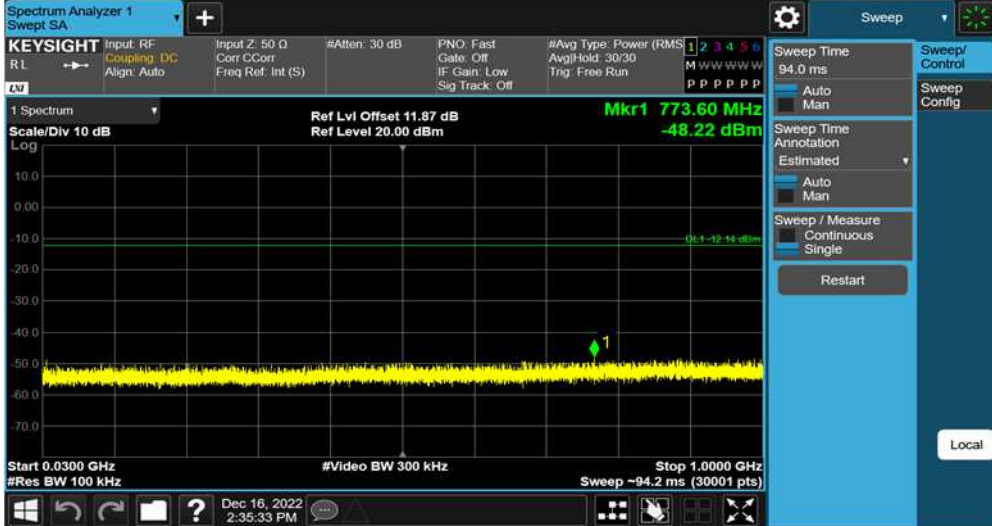
BLE 2M Ant1 2440 1000~26500



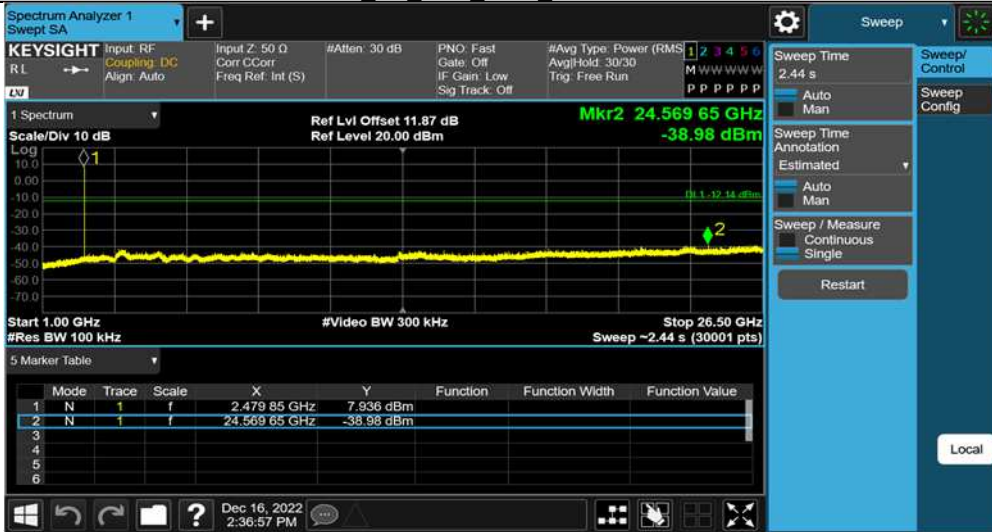
BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

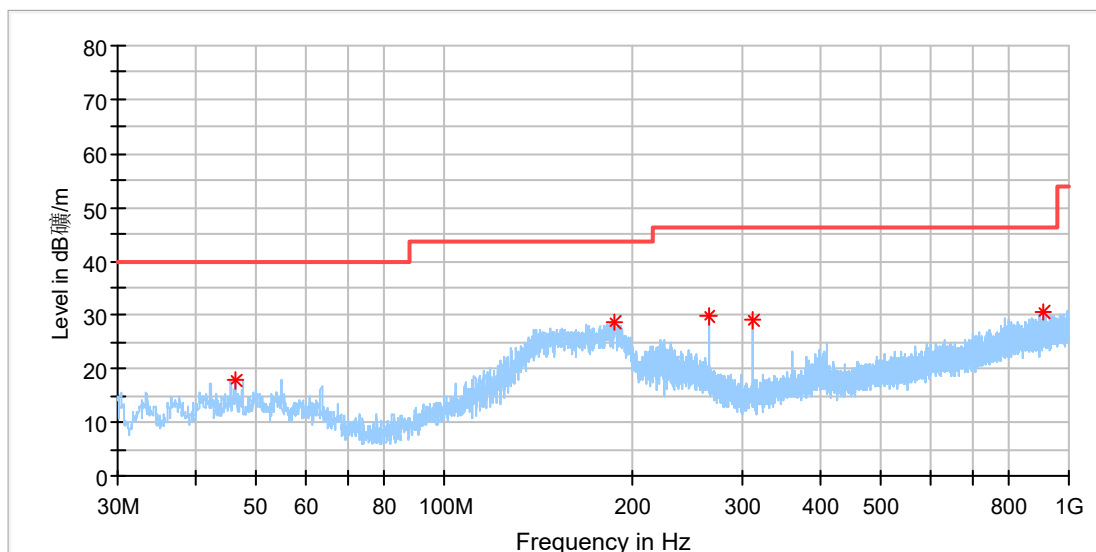
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	DJI Mavic 3 Pro Cine
Model:	L2E
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168400062/A003384103-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

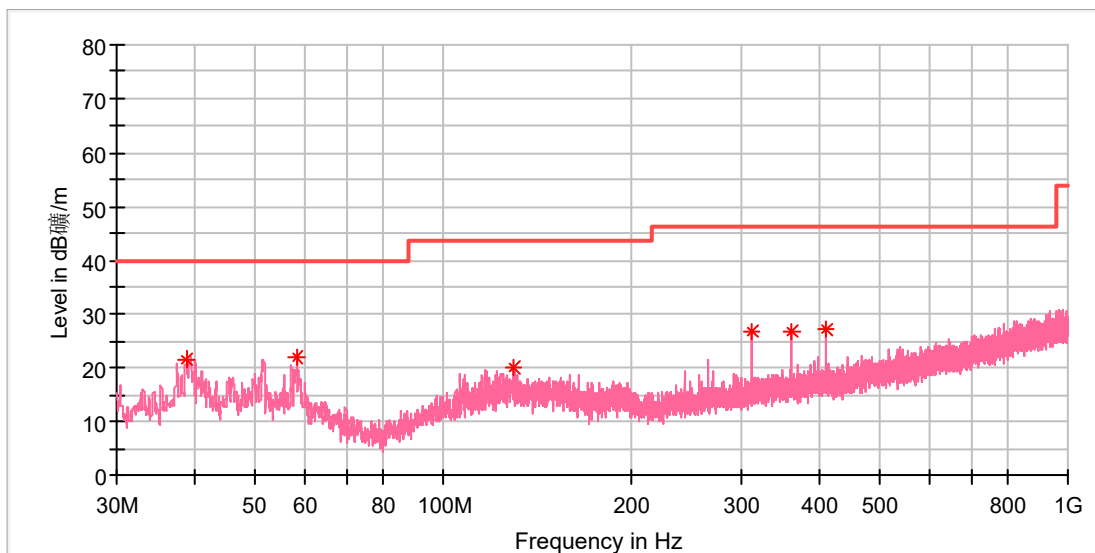
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.441500	17.69	40.00	22.31	100.0	H	193.0	-18.6
187.722000	28.56	43.50	14.94	100.0	H	116.0	-19.8
264.012500	29.80	46.00	16.20	100.0	H	285.0	-17.0
312.027500	28.84	46.00	17.16	100.0	H	271.0	-15.9
906.540500	30.68	46.00	15.32	100.0	H	116.0	-4.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.972500	21.72	40.00	18.28	100.0	V	136.0	-20.5
58.275500	21.96	40.00	18.04	100.0	V	330.0	-18.8
129.037000	20.07	43.50	23.43	100.0	V	15.0	-21.8
312.027500	26.91	46.00	19.09	100.0	V	36.0	-15.9
359.994000	26.85	46.00	19.15	100.0	V	359.0	-14.6
408.009000	27.35	46.00	18.65	100.0	V	349.0	-13.5

Final_Result

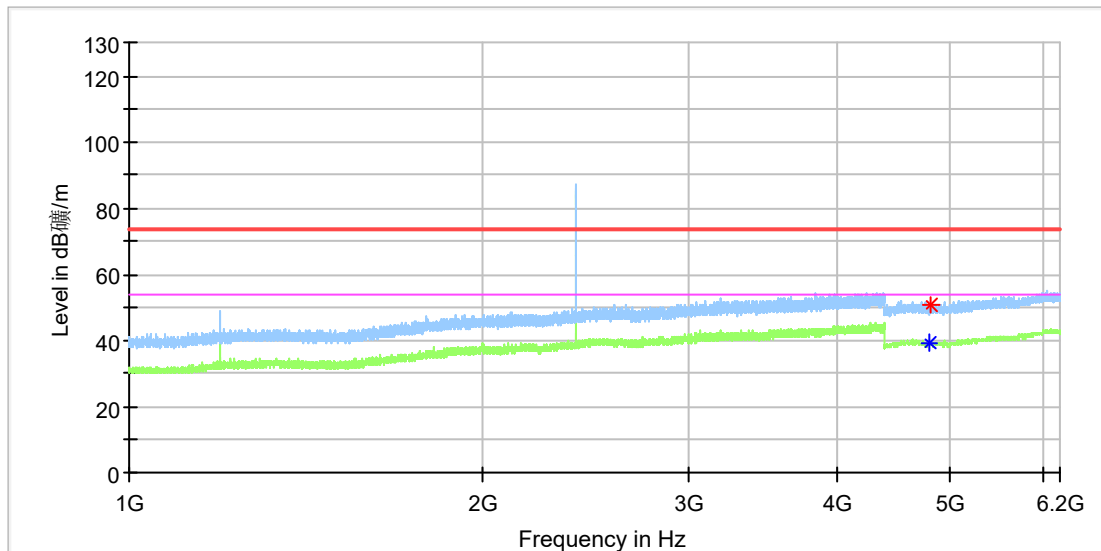
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.500000	---	39.56	54.00	14.44	100.0	H	325.0	11.8
4812.500000	50.93	---	74.00	23.07	100.0	H	310.0	11.8

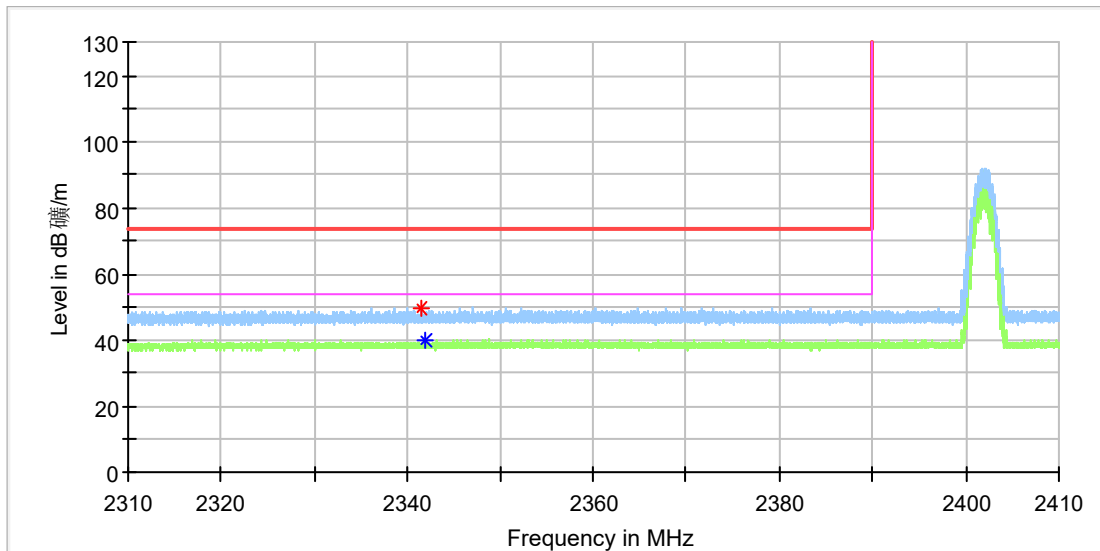
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	DJI Mavic 3 Pro Cine
Model:	L2E
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168400062/A003384103-004
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2341.490000	49.64	---	74.00	24.37	100.0	H	72.0	6.8
2341.990000	---	39.70	54.00	14.30	100.0	H	27.0	6.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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