

Appendix B: Test Results of 5.8GHz SDR

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

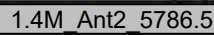
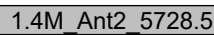
Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
1.4M	Ant2	5728.5	24.41	≤30.00	PASS
	Ant3	5728.5	23.97	≤30.00	PASS
	total	5728.5	27.21	≤30.00	PASS
	Ant2	5786.5	23.29	≤30.00	PASS
	Ant3	5786.5	22.95	≤30.00	PASS
	total	5786.5	26.13	≤30.00	PASS
	Ant2	5846.12	23.28	≤30.00	PASS
	Ant3	5846.12	23.16	≤30.00	PASS
	total	5846.12	26.23	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



1.4M Ant3 5786.5



1.4M Ant2 5846.12



1.4M Ant3 5846.12



5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
3M	Ant2	5727.5	19.66	≤30.00	PASS
	Ant3	5727.5	20.51	≤30.00	PASS
	total	5727.5	23.12	≤30.00	PASS
	Ant2	5784.5	20.01	≤30.00	PASS
	Ant3	5784.5	20.07	≤30.00	PASS
	total	5784.5	23.05	≤30.00	PASS
	Ant2	5847.2	20.41	≤30.00	PASS
	Ant3	5847.2	20.15	≤30.00	PASS
	total	5847.2	23.29	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

3M_Ant2_5727.5



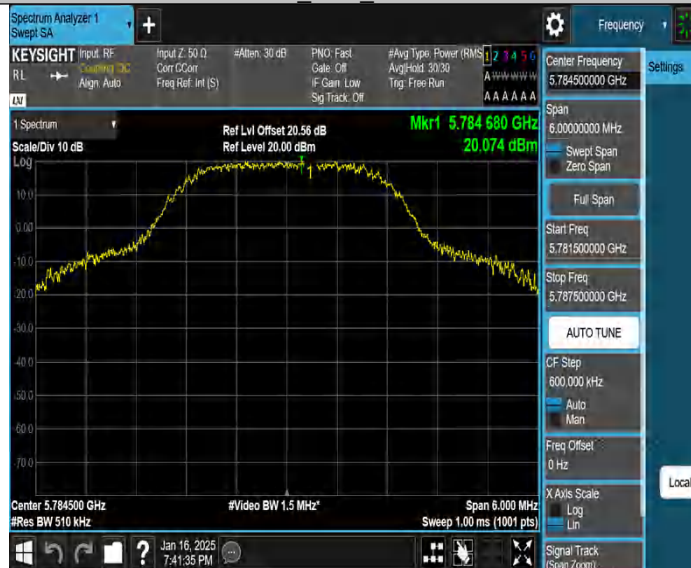
3M_Ant3_5727.5



3M_Ant2_5784.5



3M_Ant3_5784.5



3M_Ant2_5847.2



3M_Ant3_5847.2



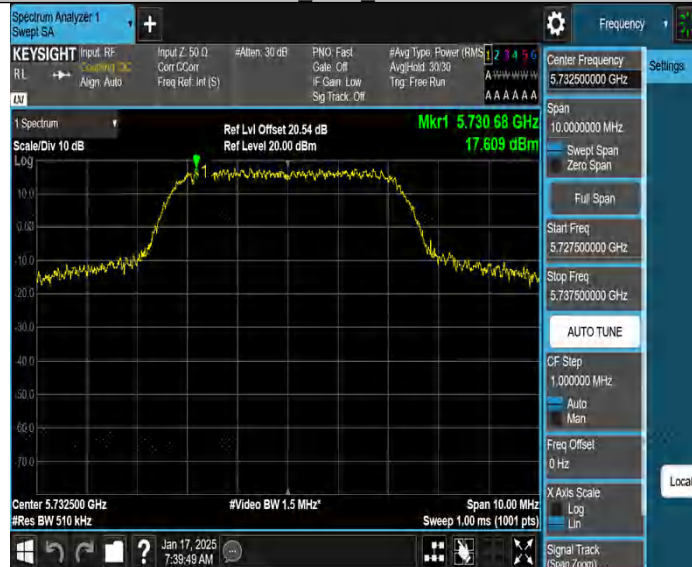
5.8G SDR, 5MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
5M	Ant2	5732.5	17.61	≤30.00	PASS
	Ant3	5732.5	17.88	≤30.00	PASS
	total	5732.5	20.76	≤30.00	PASS
	Ant2	5787.5	16.64	≤30.00	PASS
	Ant3	5787.5	16.98	≤30.00	PASS
	total	5787.5	19.82	≤30.00	PASS
	Ant2	5842.5	17.26	≤30.00	PASS
	Ant3	5842.5	17.45	≤30.00	PASS
	total	5842.5	20.37	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

5M_Ant2_5732.5



5M_Ant3_5732.5



5M_Ant2_5787.5



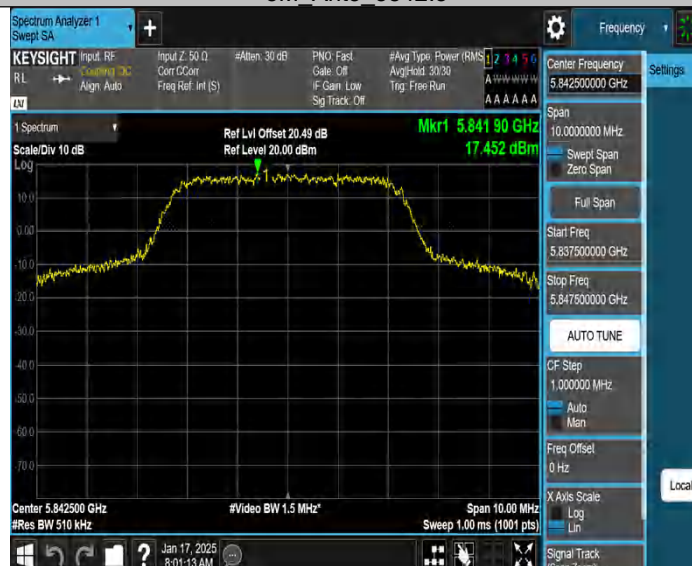
5M_Ant3_5787.5



5M_Ant2_5842.5



5M_Ant3_5842.5



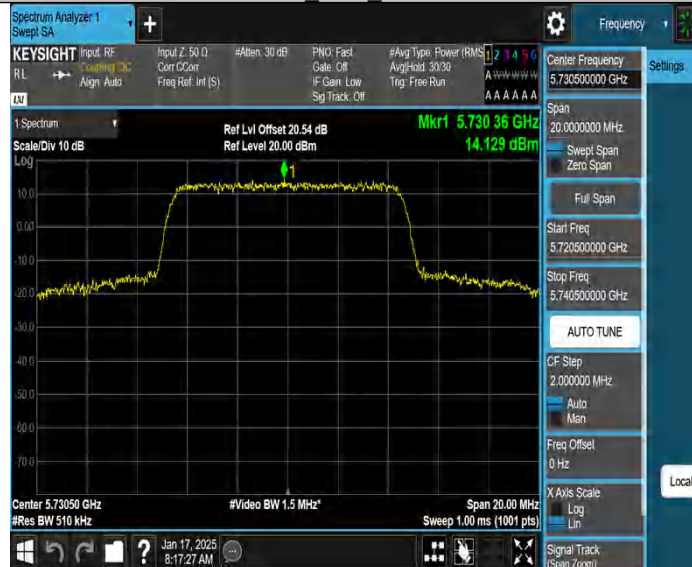
5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10M	Ant2	5730.5	14.13	≤30.00	PASS
	Ant3	5730.5	14.38	≤30.00	PASS
	total	5730.5	17.27	≤30.00	PASS
	Ant2	5787.5	13.72	≤30.00	PASS
	Ant3	5787.5	13.83	≤30.00	PASS
	total	5787.5	16.79	≤30.00	PASS
	Ant2	5844.5	14.34	≤30.00	PASS
	Ant3	5844.5	13.99	≤30.00	PASS
	total	5844.5	17.18	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

10M Ant2 5730.5



10M Ant3 5730.5



10M Ant2 5787.5



10M_Ant3_5787.5



10M_Ant2_5844.5



10M_Ant3_5844.5



5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20M	Ant2	5735.5	12.32	≤30.00	PASS
	Ant3	5735.5	12.84	≤30.00	PASS
	total	5735.5	15.60	≤30.00	PASS
	Ant2	5787.5	12.11	≤30.00	PASS
	Ant3	5787.5	12.42	≤30.00	PASS
	total	5787.5	15.28	≤30.00	PASS
	Ant2	5839.5	12.34	≤30.00	PASS
	Ant3	5839.5	11.90	≤30.00	PASS
	total	5839.5	15.14	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

20M Ant2 5735.5



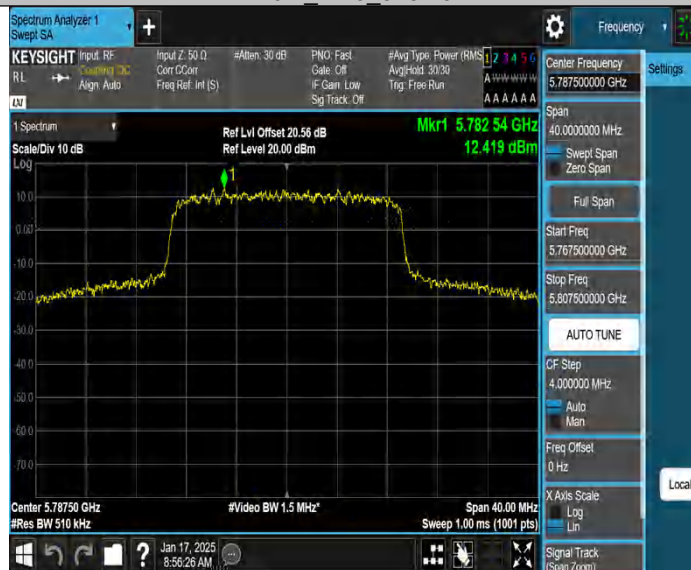
20M Ant3 5735.5



20M Ant2 5787.5



20M Ant3 5787.5



20M Ant2 5839.5



20M Ant3 5839.5

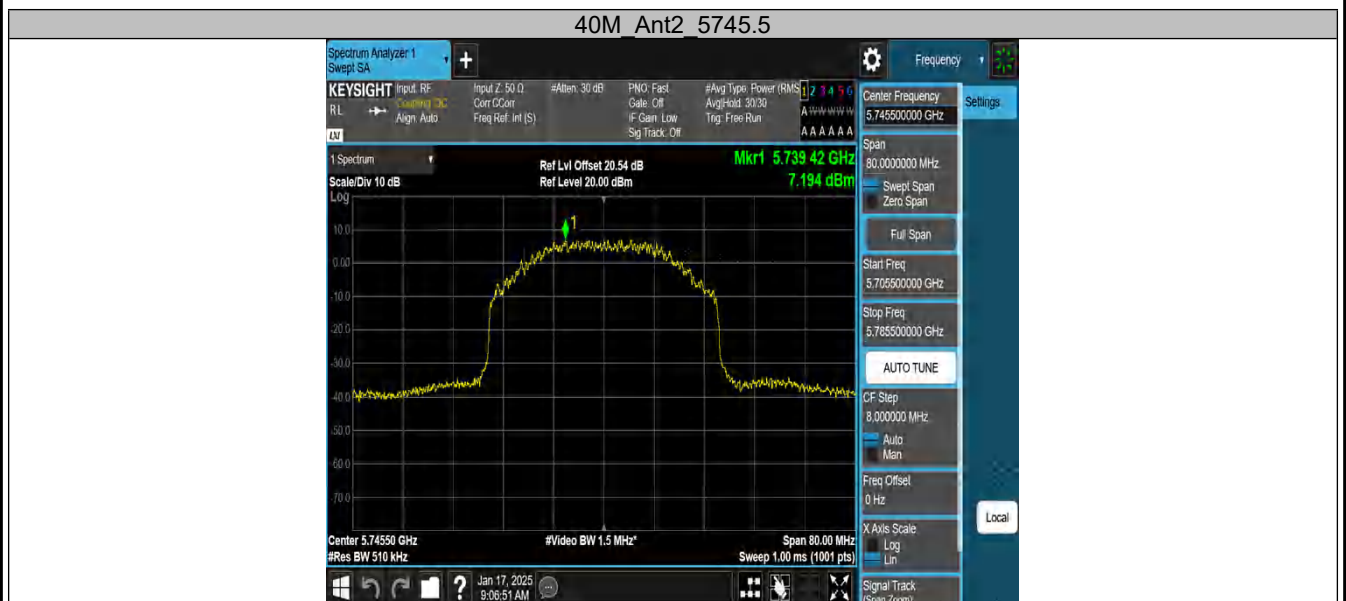


5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
40M	Ant2	5745.5	7.19	≤30.00	PASS
	Ant3	5745.5	7.71	≤30.00	PASS
	total	5745.5	10.47	≤30.00	PASS
	Ant2	5787.5	11.93	≤30.00	PASS
	Ant3	5787.5	11.24	≤30.00	PASS
	total	5787.5	14.61	≤30.00	PASS
	Ant2	5829.5	6.52	≤30.00	PASS
	Ant3	5829.5	7.66	≤30.00	PASS
	total	5829.5	10.14	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.





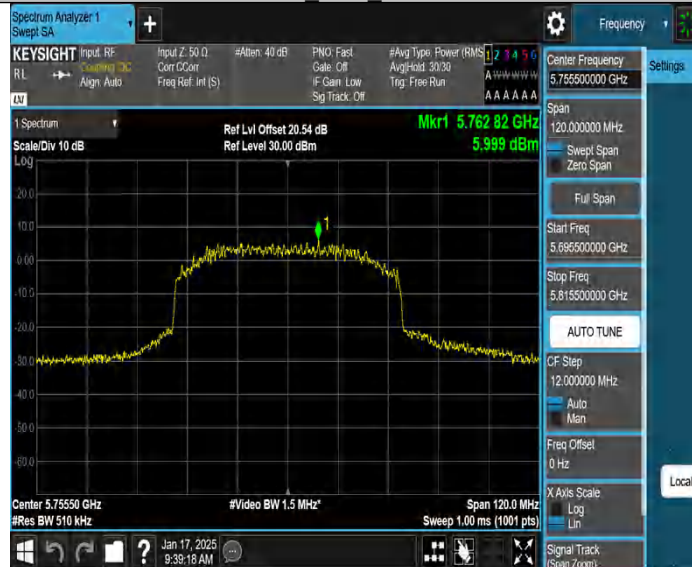
5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
60M	Ant2	5755.5	6.00	≤30.00	PASS
	Ant3	5755.5	6.75	≤30.00	PASS
	total	5755.5	9.40	≤30.00	PASS
	Ant2	5787.5	5.87	≤30.00	PASS
	Ant3	5787.5	5.86	≤30.00	PASS
	total	5787.5	8.88	≤30.00	PASS
	Ant2	5819.5	5.59	≤30.00	PASS
	Ant3	5819.5	6.21	≤30.00	PASS
	total	5819.5	8.92	≤30.00	PASS

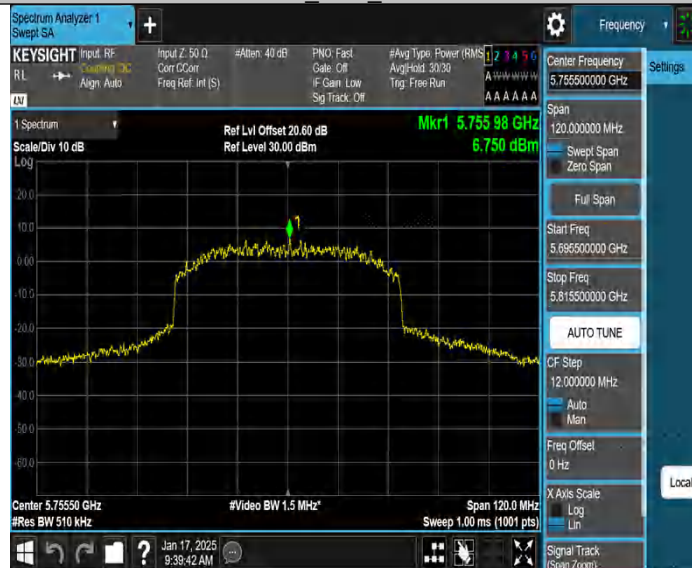
Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

60M Ant2 5755.5

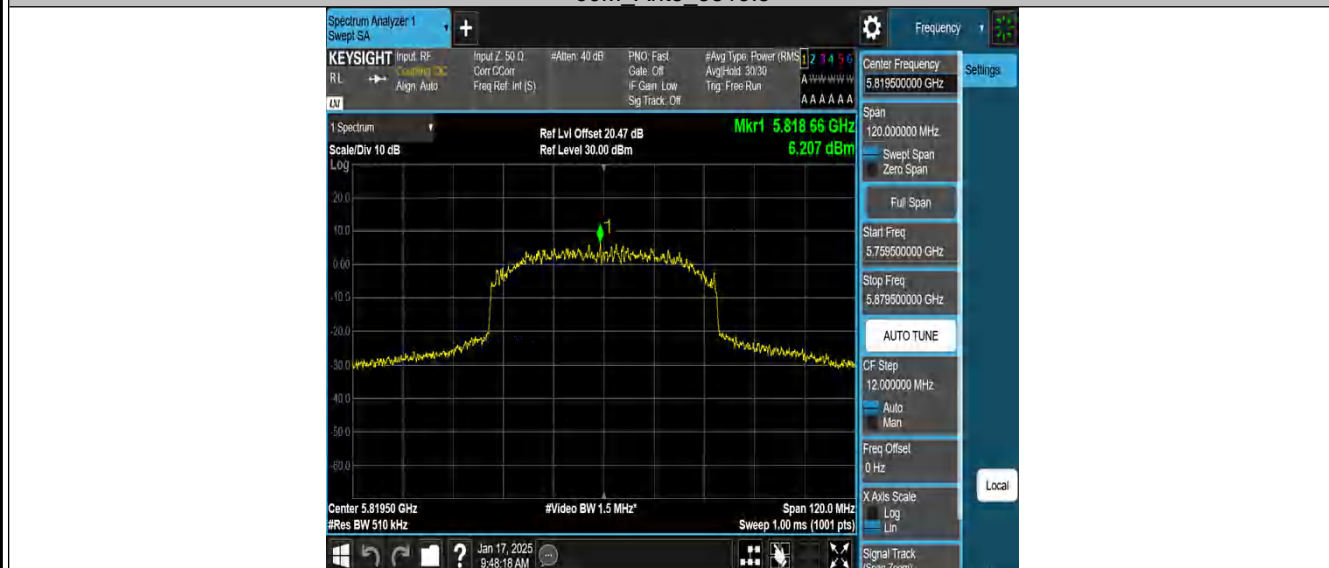
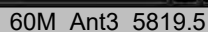
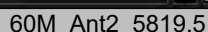


60M Ant3 5755.5



60M Ant2 5787.5





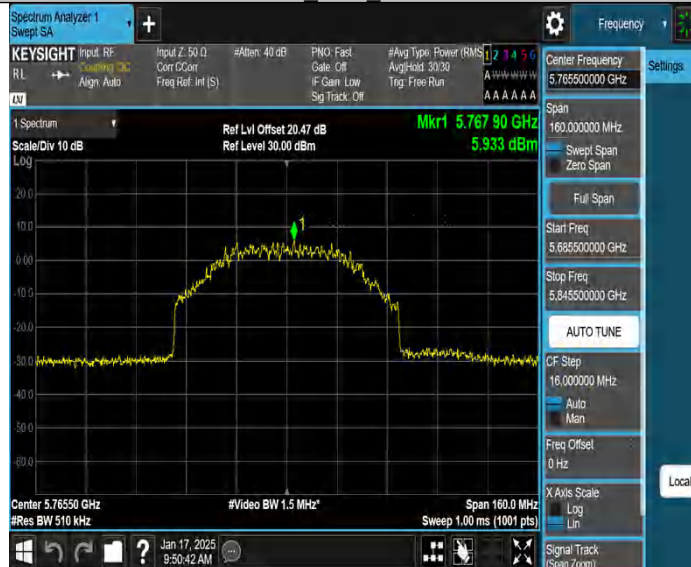
5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
80M	Ant2	5765.5	5.93	≤30.00	PASS
	Ant3	5765.5	7.17	≤30.00	PASS
	total	5765.5	9.60	≤30.00	PASS
	Ant2	5787.5	5.38	≤30.00	PASS
	Ant3	5787.5	6.14	≤30.00	PASS
	total	5787.5	8.79	≤30.00	PASS
	Ant2	5809.5	6.68	≤30.00	PASS
	Ant3	5809.5	6.54	≤30.00	PASS
	total	5809.5	9.62	≤30.00	PASS

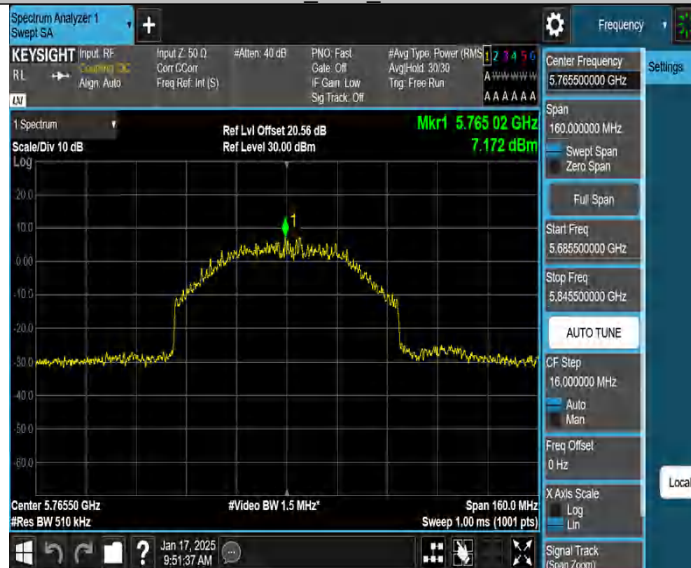
Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

80M Ant2 5765.5



80M Ant3 5765.5



80M Ant2 5787.5



80M Ant3 5787.5



80M Ant2 5809.5



80M Ant3 5809.5



Appendix B.2: Test Results of Frequency Stability

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

Voltage							
TestMode	Antenna	Channel	Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
1.4MHz	Ant2	5728.5	na	-7000.00	-1.221960	20	PASS
		5786.5	na	-7000.00	-1.209712	20	PASS
		5846.12	na	-8000.00	-1.368429	20	PASS
3MHz	Ant2	5727.5	na	-7000.00	-1.222174	20	PASS
		5784.5	na	-7000.00	-1.210131	20	PASS
		5847.2	na	-7000.00	-1.197154	20	PASS
5MHz	Ant2	5732.5	na	-7000.00	-1.221108	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5842.5	na	-7000.00	-1.198117	20	PASS
10MHz	Ant2	5730.5	na	-7000.00	-1.221534	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5844.5	na	-7000.00	-1.197707	20	PASS
20MHz	Ant2	5735.5	na	-7000.00	-1.220469	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5839.5	na	-7000.00	-1.198733	20	PASS
40MHz	Ant2	5745.5	na	-7000.00	-1.218345	20	PASS
		5787.5	na	-8000.00	-1.382289	20	PASS
		5829.5	na	-7000.00	-1.200789	20	PASS
60MHz	Ant2	5755.5	na	-7000.00	-1.216228	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5819.5	na	-7000.00	-1.202852	20	PASS
80MHz	Ant2	5765.5	na	-7000.00	-1.214118	20	PASS
		5787.5	na	-7000.00	-1.209503	20	PASS
		5809.5	na	-7000.00	-1.204923	20	PASS

Appendix B.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant2	5728.5	1.134	5727.918	5729.052	0.5	PASS
		5786.5	1.123	5785.929	5787.052	0.5	PASS
		5846.12	1.075	5845.571	5846.646	0.5	PASS

1.4M Ant2 5728.5



1.4M Ant2 5786.5



1.4M Ant2 5846.12



5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant2	5727.5	2.178	5726.408	5728.586	0.5	PASS
		5784.5	2.154	5783.414	5785.568	0.5	PASS
		5847.2	2.208	5846.084	5848.292	0.5	PASS

3M_Ant2_5727.5



3M_Ant2_5784.5



3M_Ant2_5847.2



5.8G SDR, 5MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5M	Ant2	5732.5	4.350	5730.320	5734.670	0.5	PASS
		5787.5	4.360	5785.330	5789.690	0.5	PASS
		5842.5	4.350	5840.320	5844.670	0.5	PASS

5M_Ant2_5732.5



5M_Ant2_5787.5



5M_Ant2_5842.5



5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant2	5730.5	8.980	5725.980	5734.960	0.5	PASS
		5787.5	9.020	5782.980	5792.000	0.5	PASS
		5844.5	9.000	5839.980	5848.980	0.5	PASS

10M_Ant2_5730.5



10M_Ant2_5787.5



10M_Ant2_5844.5



5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant2	5735.5	17.760	5726.620	5744.380	0.5	PASS
		5787.5	17.880	5778.540	5796.420	0.5	PASS
		5839.5	17.720	5830.620	5848.340	0.5	PASS

20M Ant2 5735.5



20M Ant2 5787.5



20M Ant2 5839.5



5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant2	5745.5	35.840	5727.580	5763.420	0.5	PASS
		5787.5	36.000	5769.500	5805.500	0.5	PASS
		5829.5	35.840	5811.580	5847.420	0.5	PASS

40M_Ant2_5745.5



40M_Ant2_5787.5



40M_Ant2_5829.5



5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60M	Ant2	5755.5	53.640	5728.620	5782.260	0.5	PASS
		5787.5	53.760	5760.620	5814.380	0.5	PASS
		5819.5	53.400	5792.740	5846.140	0.5	PASS

60M_Ant2_5755.5



60M_Ant2_5787.5



60M_Ant2_5819.5



5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80M	Ant2	5765.5	70.720	5730.140	5800.860	0.5	PASS
		5787.5	70.720	5752.140	5822.860	0.5	PASS
		5809.5	70.720	5774.140	5844.860	0.5	PASS

80M_Ant2_5765.5



80M_Ant2_5787.5



80M_Ant2_5809.5



Appendix B.4: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

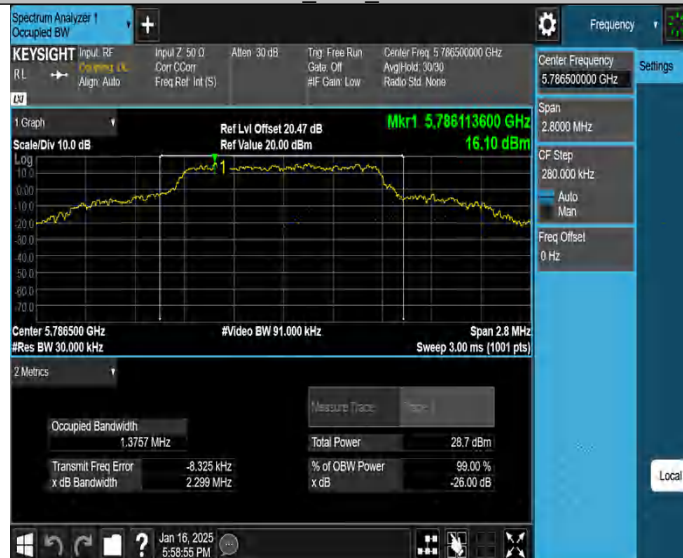
5.8G SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant2	5728.5	1.3513	5727.8208	5729.1721	---	PASS
		5786.5	1.3757	5785.8038	5787.1795	---	PASS
		5846.12	1.4363	5845.3997	5846.8360	---	PASS

1.4M Ant2 5728.5



1.4M Ant2 5786.5



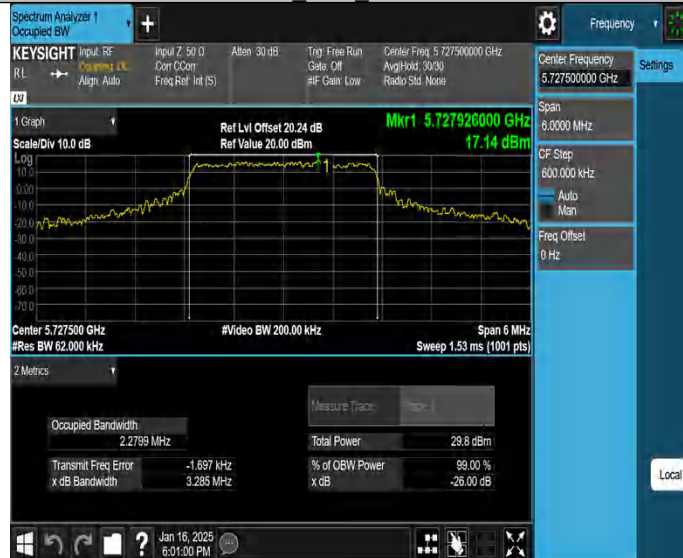
1.4M Ant2 5846.12



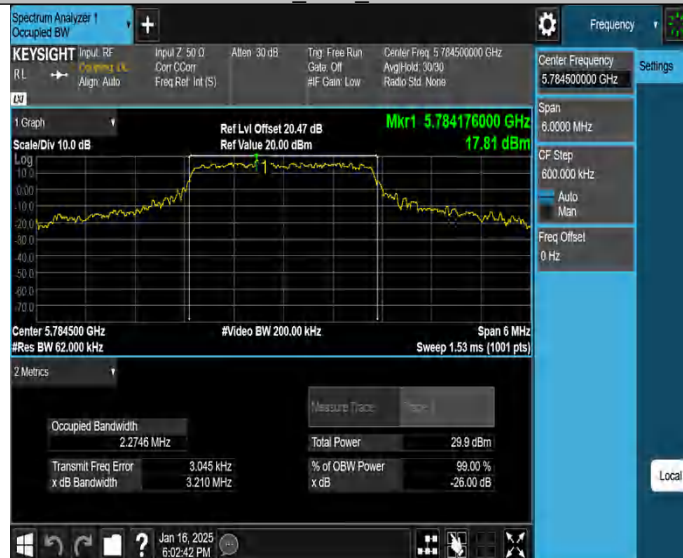
5.8G SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant2	5727.5	2.2799	5726.3584	5728.6383	---	PASS
		5784.5	2.2746	5783.3658	5785.6404	---	PASS
		5847.2	2.2781	5846.0478	5848.3259	---	PASS

3M_Ant2_5727.5



3M_Ant2_5784.5



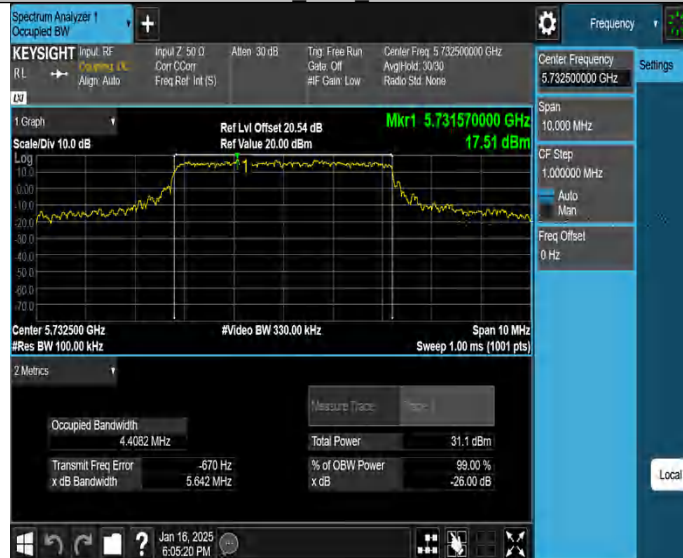
3M_Ant2_5847.2



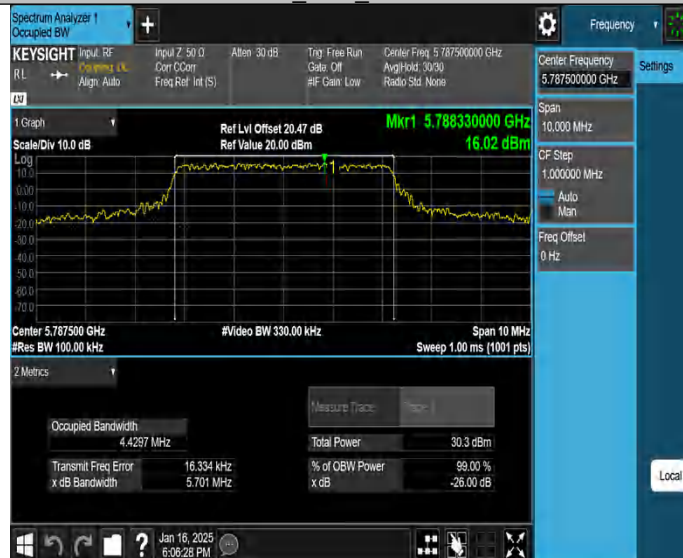
5.8G SDR, 5MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5M	Ant2	5732.5	4.4082	5730.2952	5734.7034	---	PASS
		5787.5	4.4297	5785.3015	5789.7312	---	PASS
		5842.5	4.4258	5840.2910	5844.7168	---	PASS

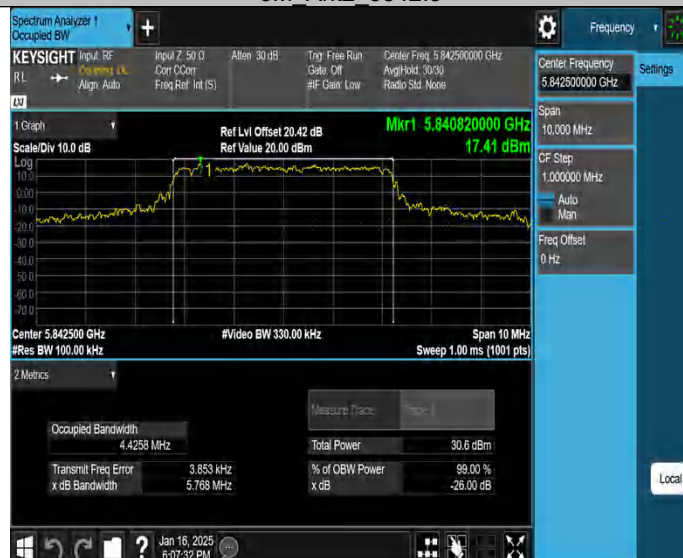
5M_Ant2_5732.5



5M_Ant2_5787.5



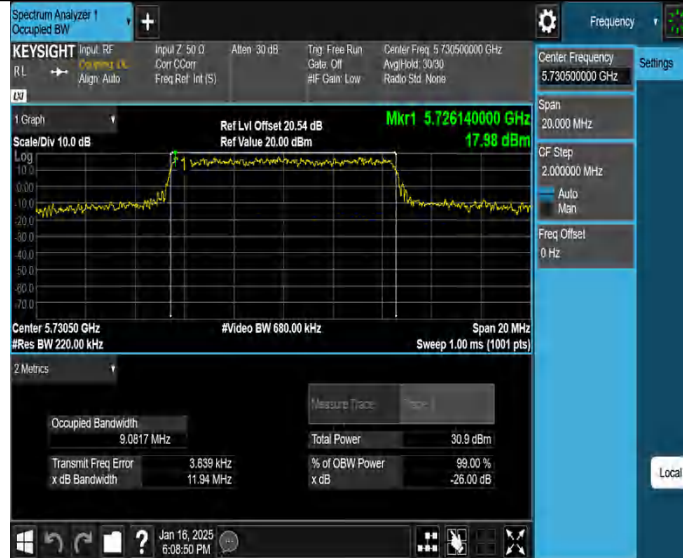
5M_Ant2_5842.5



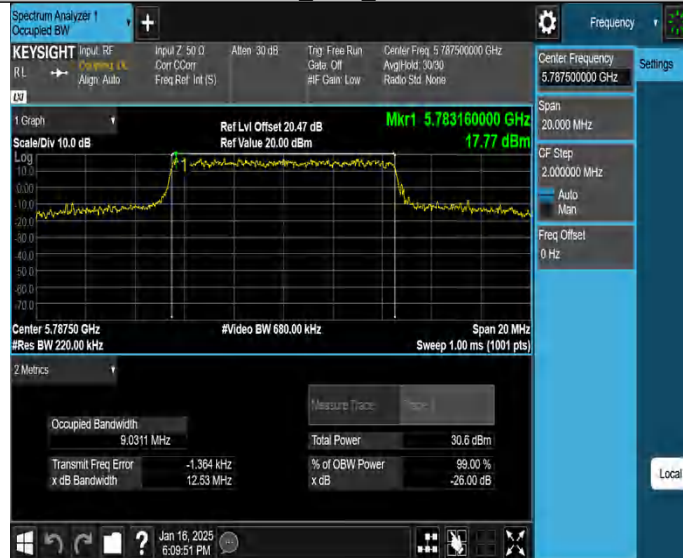
5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant2	5730.5	9.0817	5725.9630	5735.0447	---	PASS
		5787.5	9.0311	5782.9831	5792.0142	---	PASS
		5844.5	9.0747	5839.9508	5849.0255	---	PASS

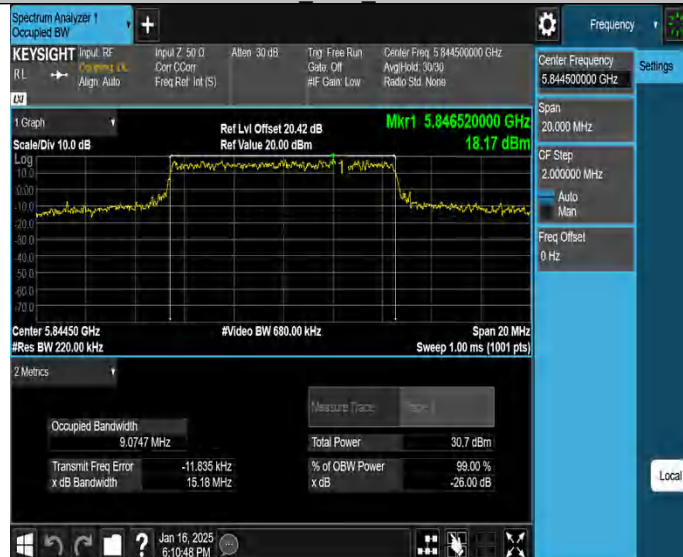
10M Ant2 5730.5



10M Ant2 5787.5



10M Ant2 5844.5



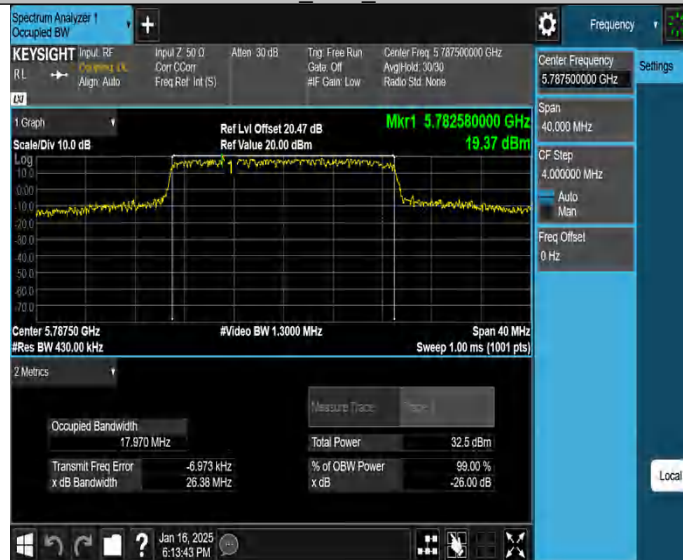
5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant2	5735.5	17.933	5726.5370	5744.4700	---	PASS
		5787.5	17.970	5778.5080	5796.4780	---	PASS
		5839.5	17.849	5830.5728	5848.4218	---	PASS

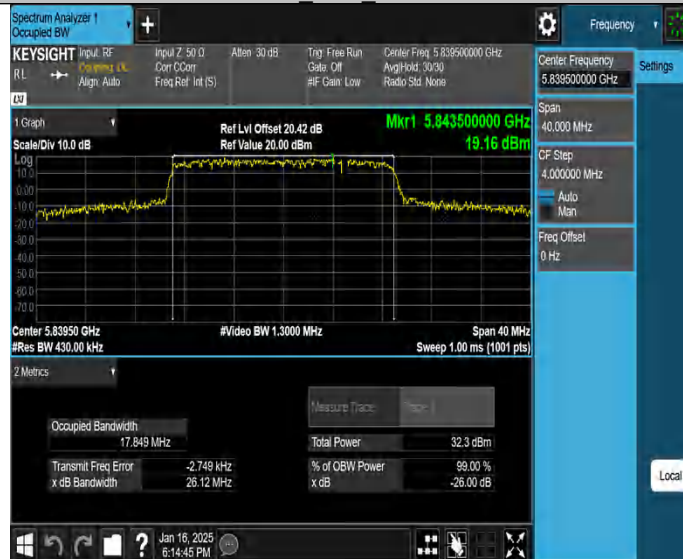
20M Ant2 5735.5



20M Ant2 5787.5



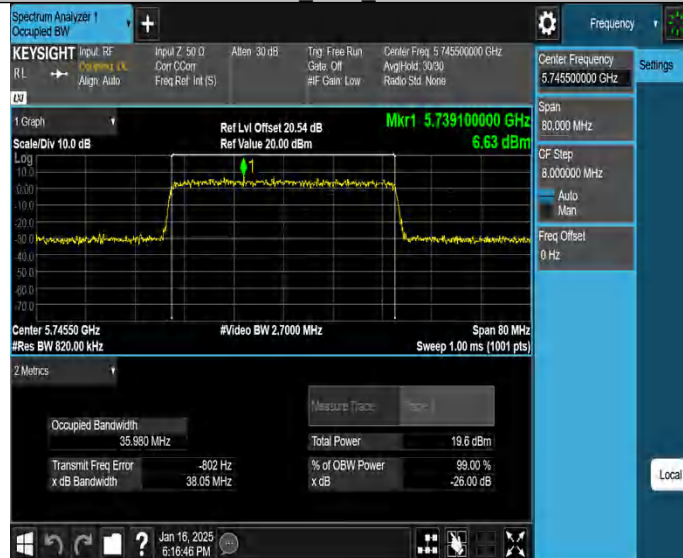
20M Ant2 5839.5



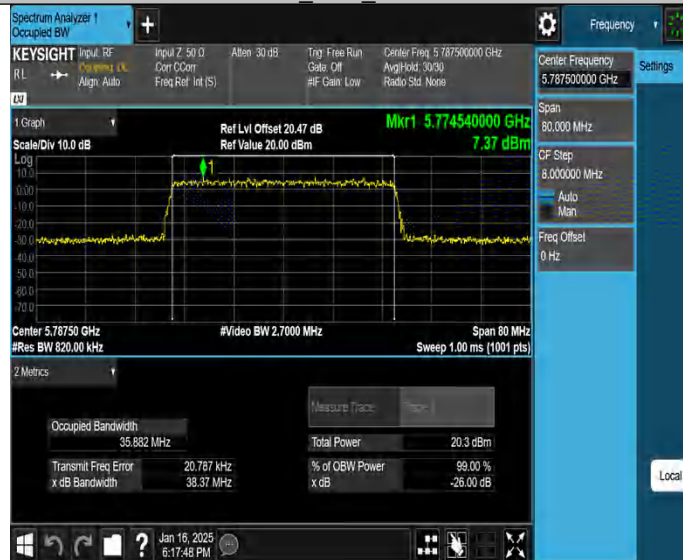
5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant2	5745.5	35.980	5727.5092	5763.4892	---	PASS
		5787.5	35.882	5769.5798	5805.4618	---	PASS
		5829.5	35.940	5811.5843	5847.5243	---	PASS

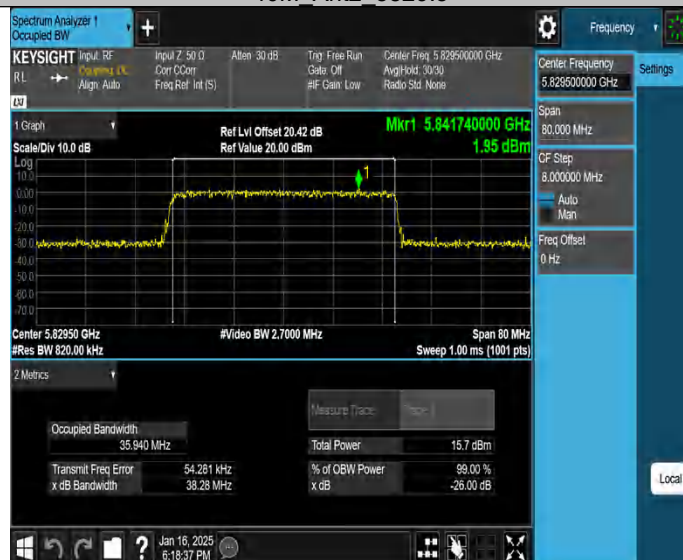
40M Ant2 5745.5



40M Ant2 5787.5



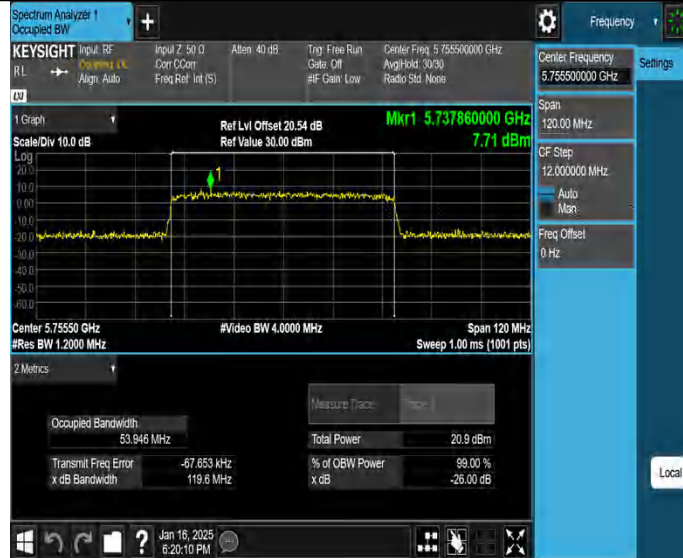
40M Ant2 5829.5



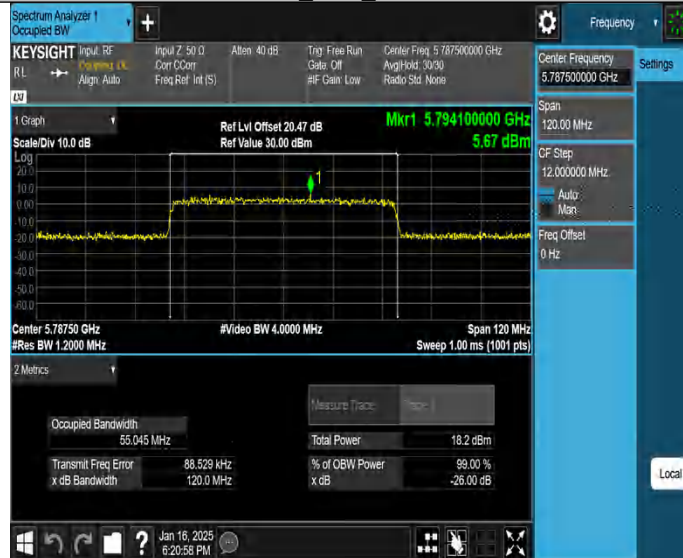
5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60M	Ant2	5755.5	53.946	5728.4594	5782.4054	---	PASS
		5787.5	55.045	5760.0660	5815.1110	---	PASS
		5819.5	55.113	5792.0307	5847.1437	---	PASS

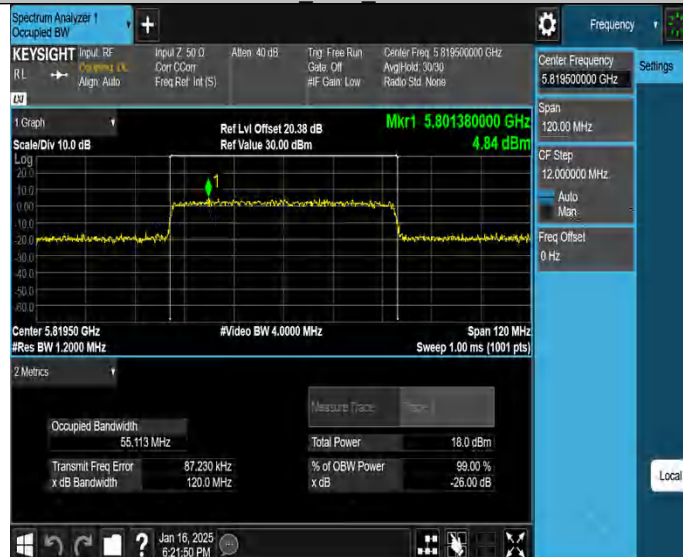
60M Ant2 5755.5



60M Ant2 5787.5



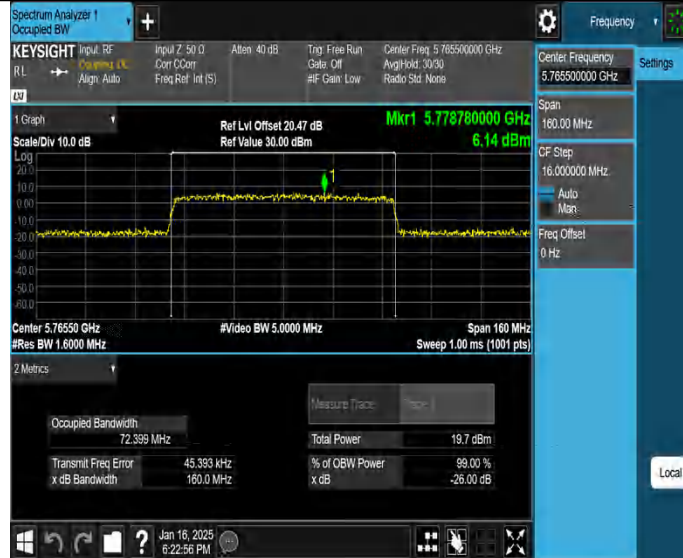
60M Ant2 5819.5



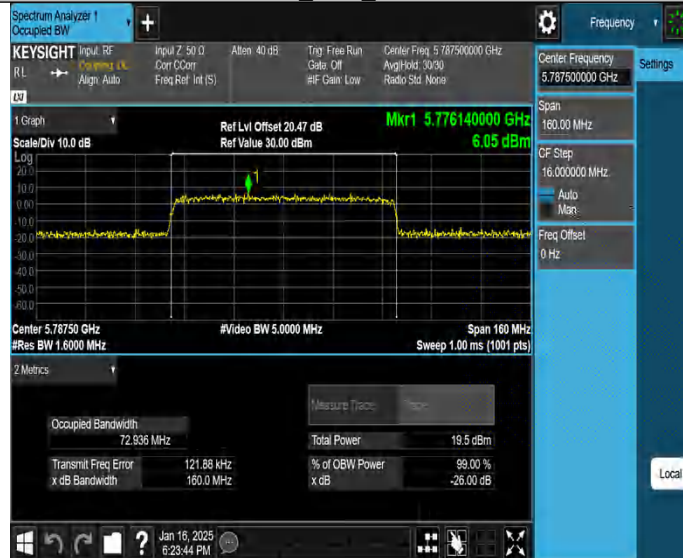
5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80M	Ant2	5765.5	72.399	5729.3459	5801.7449	---	PASS
		5787.5	72.936	5751.1539	5824.0899	---	PASS
		5809.5	72.971	5773.1180	5846.0890	---	PASS

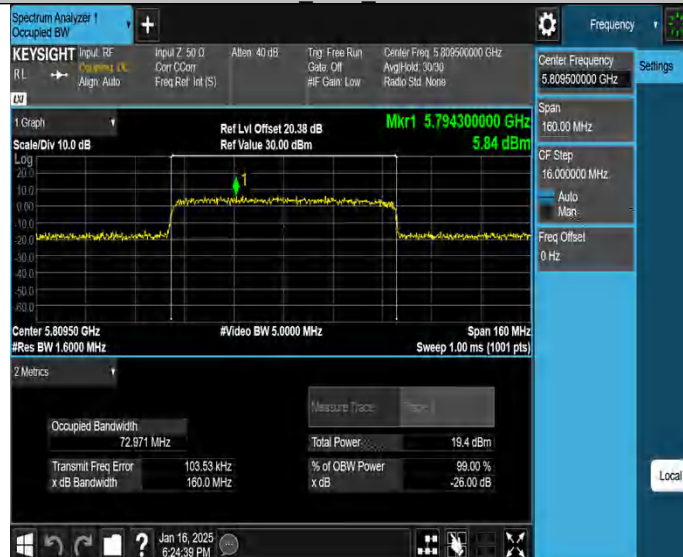
80M Ant2 5765.5



80M Ant2 5787.5



80M Ant2 5809.5



Appendix B.5: Test Results of Radiated Spurious Emissions

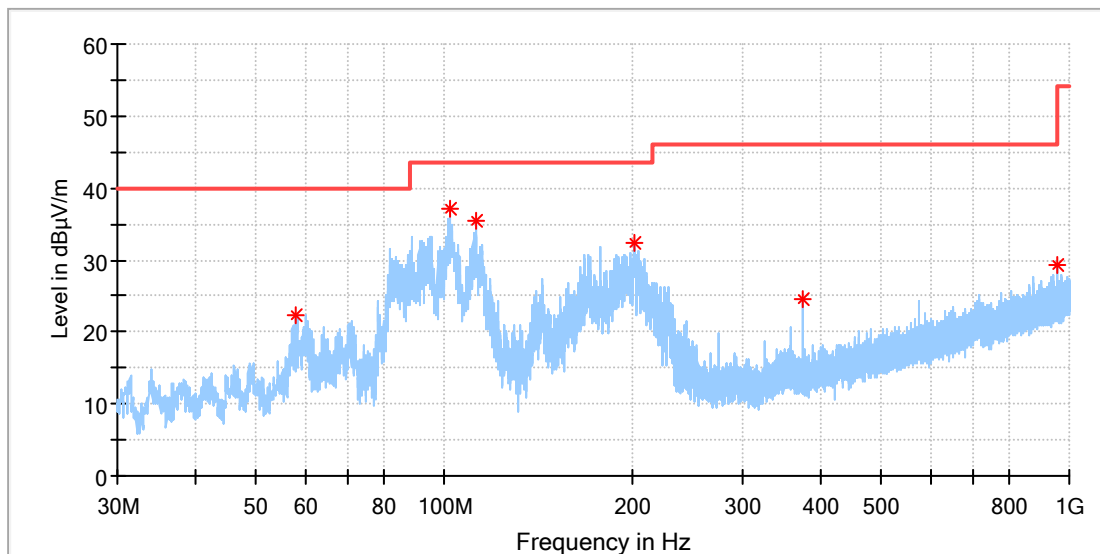
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.
- 2) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 3) 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.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

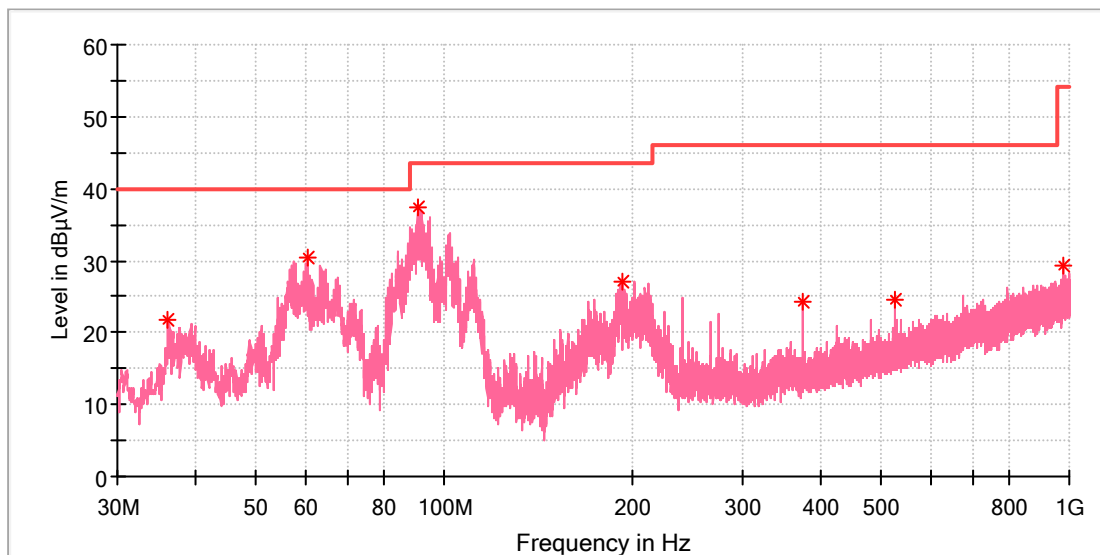
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.831539	22.45	40.00	17.55	100.0	H	86.0	-18.9
102.153077	37.00	43.50	6.50	100.0	H	86.0	-19.0
112.188846	35.31	43.50	8.19	100.0	H	135.0	-19.5
200.831923	32.42	43.50	11.08	100.0	H	0.0	-19.1
375.021539	24.58	46.00	21.42	100.0	H	78.0	-14.3
960.043462	29.40	54.00	24.60	100.0	H	5.0	-4.1

Final_Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
36.193077	21.81	40.00	18.19	100.0	V	205.0	-21.5
60.368462	30.53	40.00	9.47	100.0	V	50.0	-19.2
90.811539	37.30	43.50	6.20	100.0	V	99.0	-20.9
192.251154	27.12	43.50	16.38	100.0	V	91.0	-19.5
375.021539	24.28	46.00	21.72	100.0	V	238.0	-14.3
525.035769	24.69	46.00	21.31	100.0	V	140.0	-11.3
980.115000	29.27	54.00	24.73	100.0	V	353.0	-3.8

Final Result

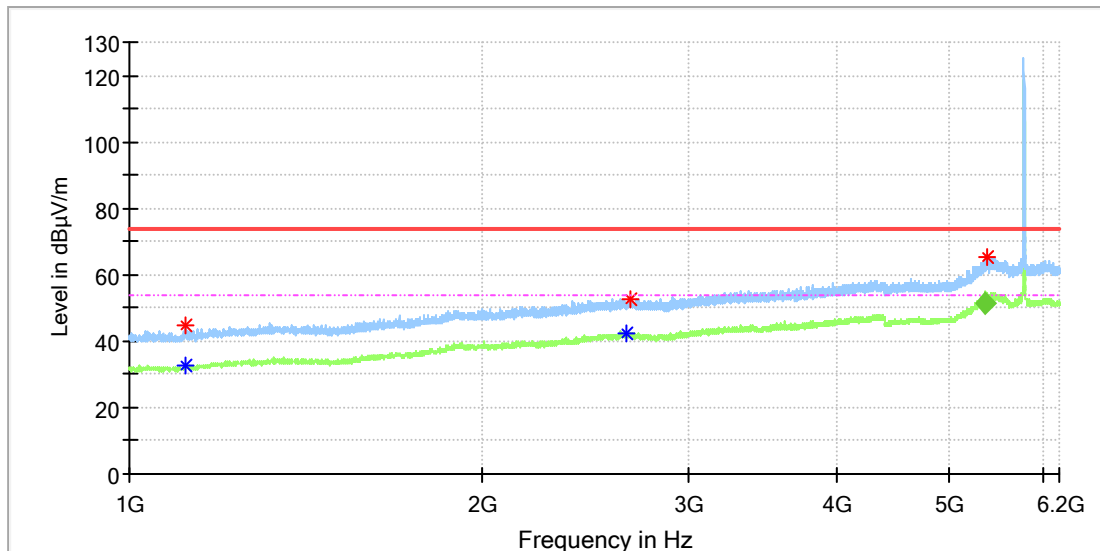
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.8G SDR Fundamental.

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

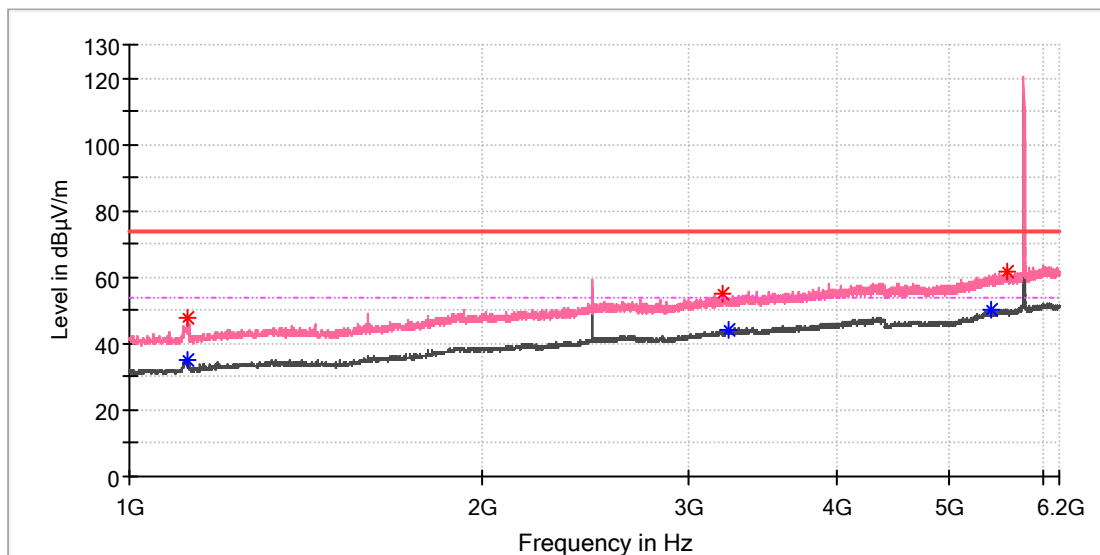
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1116.000000	44.92	---	74.00	29.08	150.0	H	133.0	0.8
1118.500000	---	32.79	54.00	21.21	150.0	H	133.0	0.8
2653.000000	---	42.33	54.00	11.67	150.0	H	28.0	10.2
2668.500000	52.69	---	74.00	21.31	150.0	H	155.0	10.2
5376.000000	65.44	---	74.00	8.56	150.0	H	309.0	14.9

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5370.497222	51.38	54.00	2.62	149.0	H	299.0	14.8

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

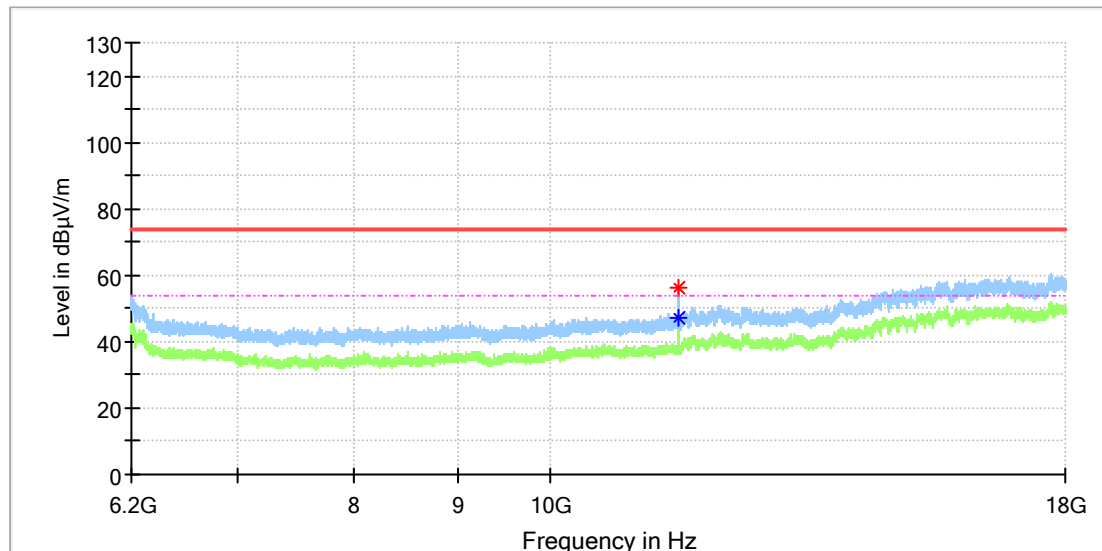
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1121.000000	47.78	---	74.00	26.22	150.0	V	269.0	0.9
1121.500000	---	34.84	54.00	19.16	150.0	V	269.0	0.9
3202.500000	54.89	---	74.00	19.11	150.0	V	292.0	10.8
3236.000000	---	44.08	54.00	9.92	150.0	V	84.0	10.8
5417.500000	---	50.00	54.00	4.00	150.0	V	28.0	15.0
5595.000000	61.50	---	68.20	6.70	150.0	V	338.0	15.3

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

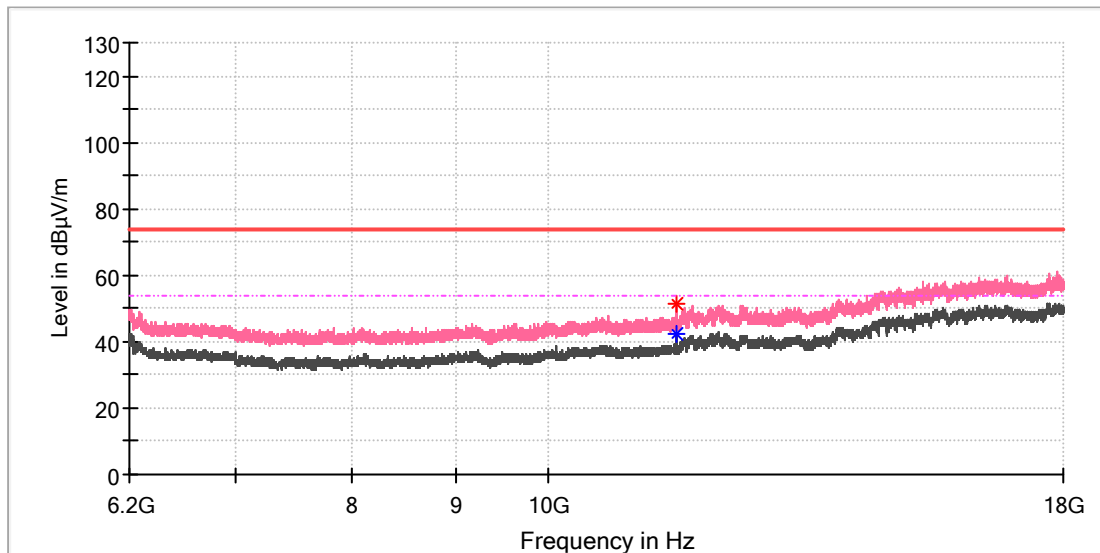
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11573.425000	56.24	---	74.00	17.76	150.0	H	117.0	13.4
11573.425000	---	46.87	54.00	7.13	150.0	H	117.0	13.4

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_1.4M_5786.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

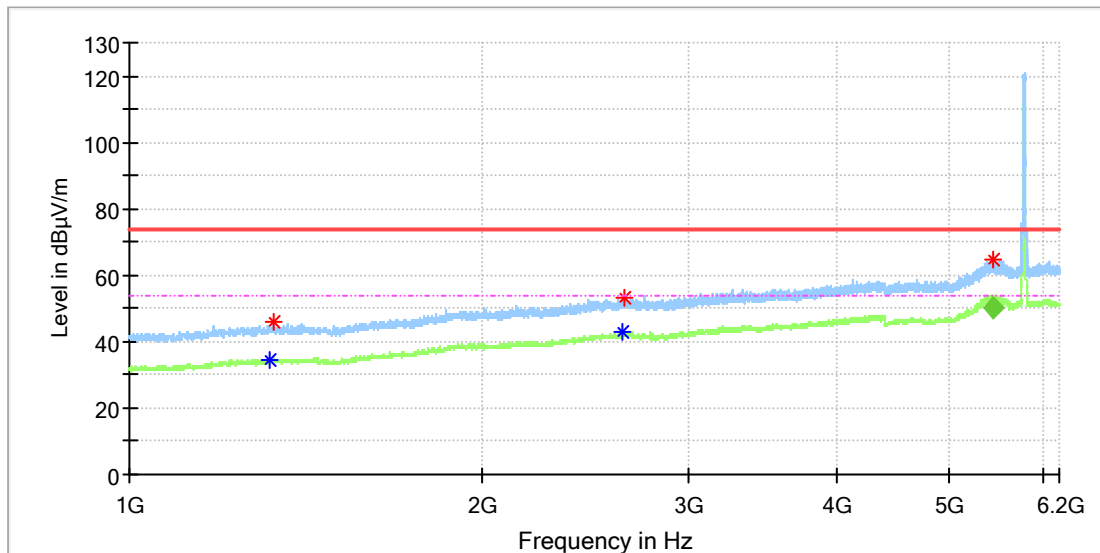
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.441667	51.43	---	74.00	22.57	150.0	V	184.0	13.4
11572.441667	---	42.13	54.00	11.87	150.0	V	184.0	13.4

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_10M_5787.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

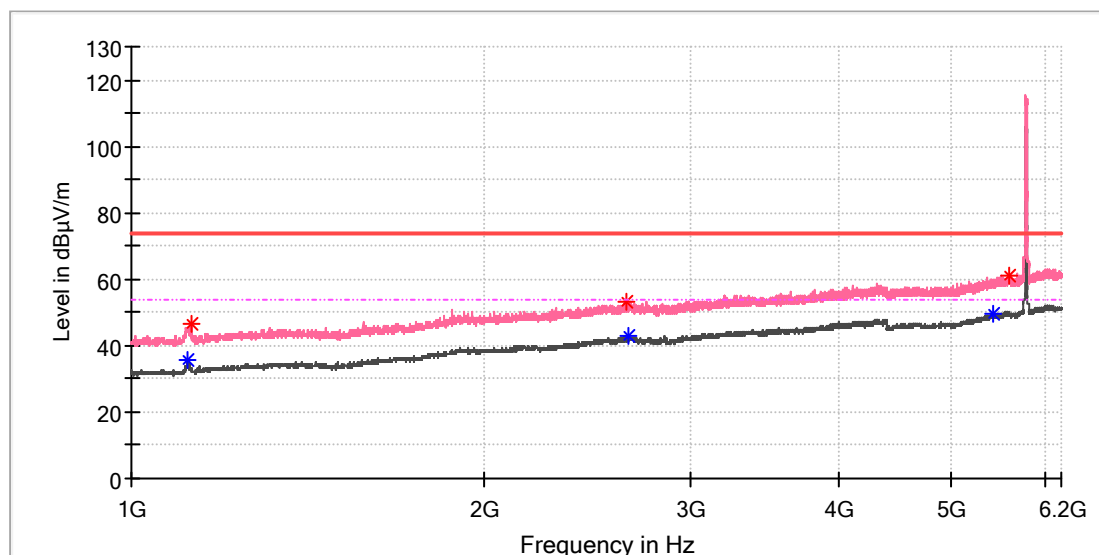
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1318.500000	---	34.55	54.00	19.45	150.0	H	194.0	2.9
1329.000000	46.08	---	74.00	27.92	150.0	H	182.0	3.0
2632.000000	---	42.85	54.00	11.15	150.0	H	160.0	9.9
2645.500000	52.97	---	74.00	21.03	150.0	H	352.0	10.1
5443.000000	64.60	---	74.00	9.40	150.0	H	304.0	15.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5446.338889	50.12	54.00	3.88	145.0	H	298.0	15.0

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_10M_5787.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

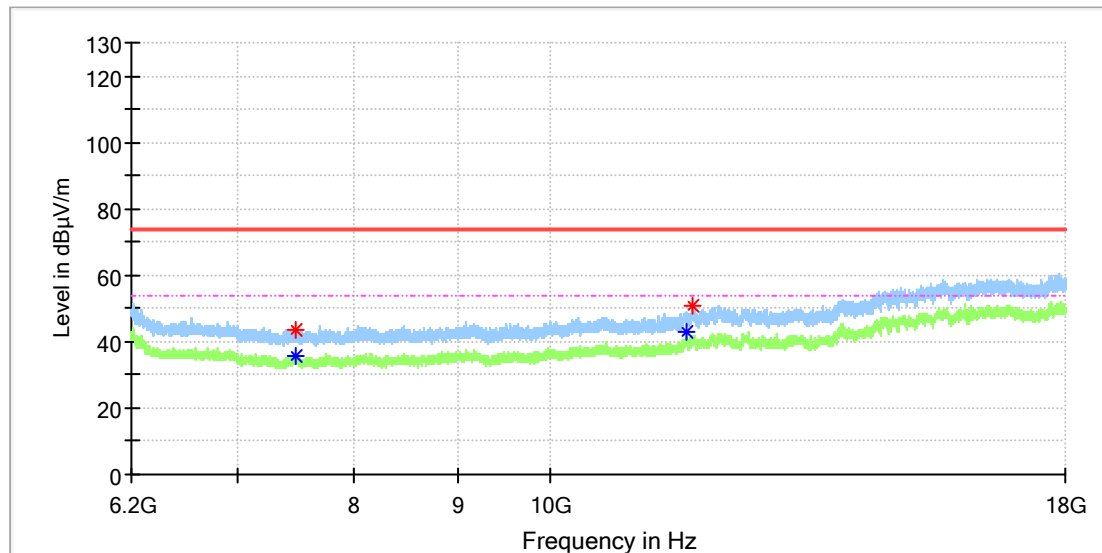
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	---	35.48	54.00	18.52	150.0	V	268.0	0.8
1124.500000	46.49	---	74.00	27.51	150.0	V	268.0	0.9
2637.500000	53.48	---	74.00	20.52	150.0	V	85.0	10.0
2654.000000	---	42.74	54.00	11.26	150.0	V	85.0	10.2
5433.500000	---	49.70	54.00	4.30	150.0	V	252.0	15.0
5600.500000	61.05	---	68.20	7.15	150.0	V	346.0	15.3

Final_Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_10M_5787.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

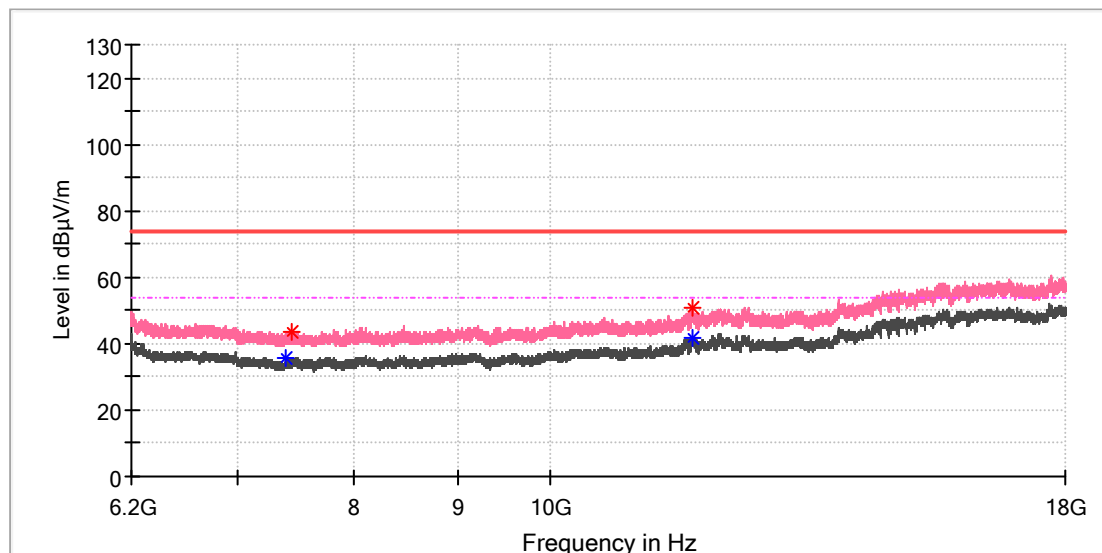
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7475.383333	---	35.82	54.00	18.18	150.0	H	103.0	8.6
7475.875000	43.54	---	74.00	30.46	150.0	H	136.0	8.6
11682.575000	---	42.86	54.00	11.14	150.0	H	172.0	15.1
11761.733333	50.81	---	74.00	23.19	150.0	H	257.0	15.4

Final_Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_10M_5787.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
7402.125000	---	35.70	54.00	18.30	150.0	V	56.0	8.3
7442.933333	43.67	---	74.00	30.33	150.0	V	212.0	8.5
11762.716667	50.92	---	74.00	23.08	150.0	V	340.0	15.4
11770.583333	---	41.84	54.00	12.16	150.0	V	212.0	15.2

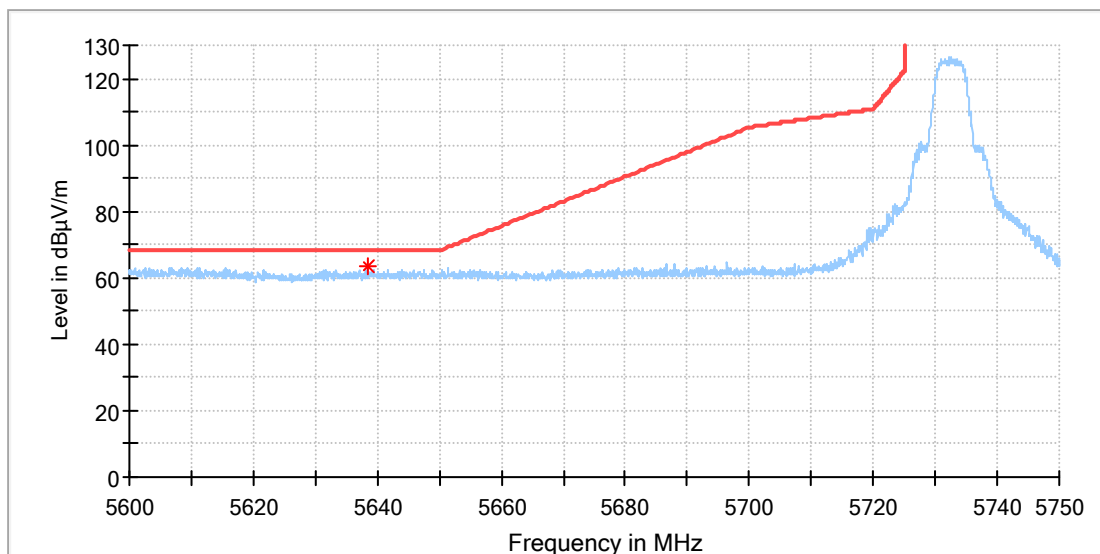
Final_Result

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

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.8G_5M_5732.5MHz
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

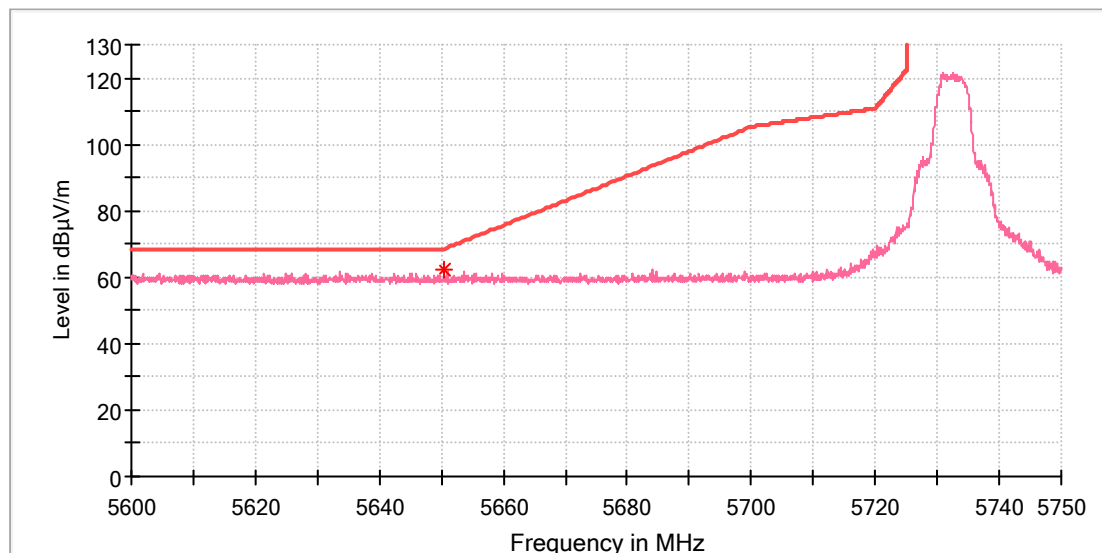
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5638.377778	63.19	68.20	5.01	150.0	H	309.0	15.3

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_5M_5732.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

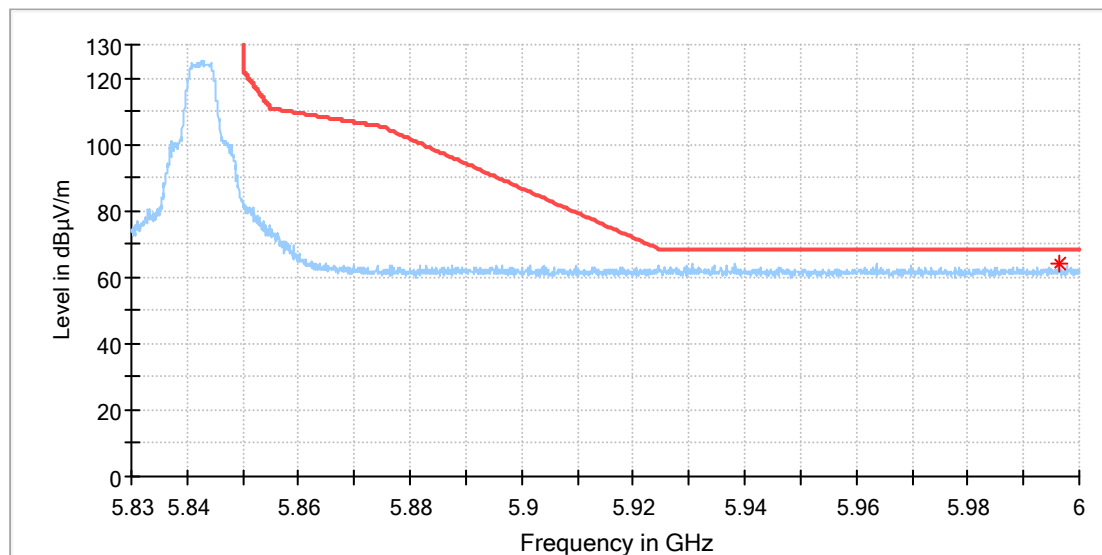
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.416667	62.12	68.51	6.38	150.0	V	334.0	15.3

Final_Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_5M_5842.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

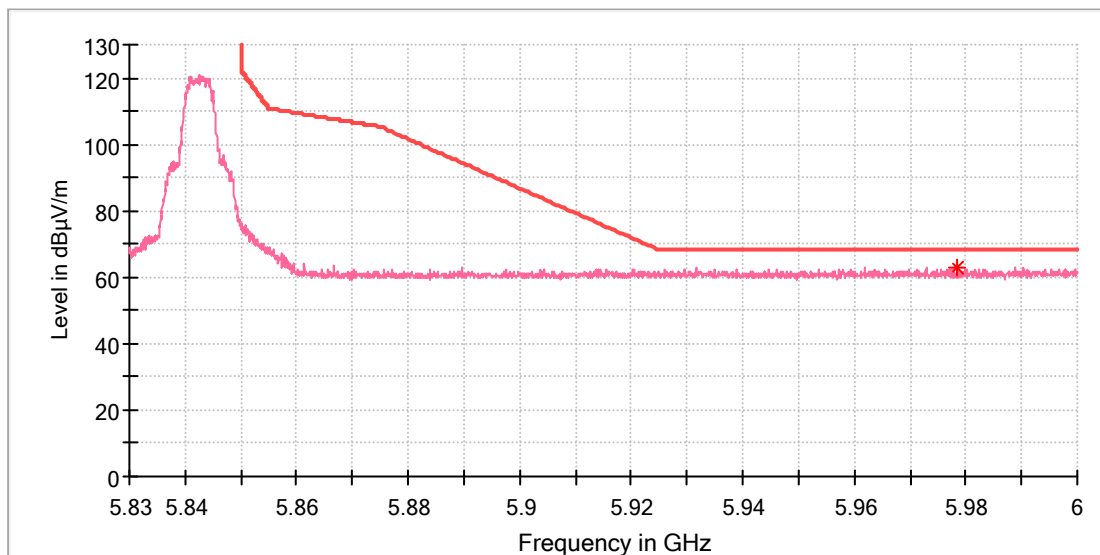
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5996.256944	64.01	68.20	4.19	150.0	H	293.0	16.5

Final Result

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

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_5M_5842.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

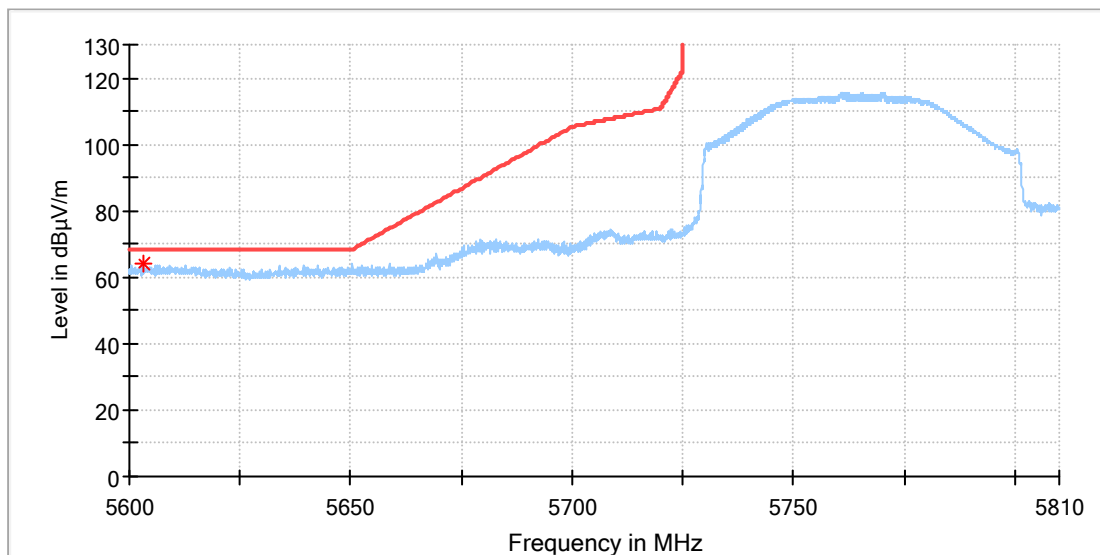
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5978.381945	62.82	68.20	5.38	150.0	V	259.0	16.4

Final_Result

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

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.8G_80M_5765.5MHz
Order No/Sample No:	168512858/A003882058-014
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

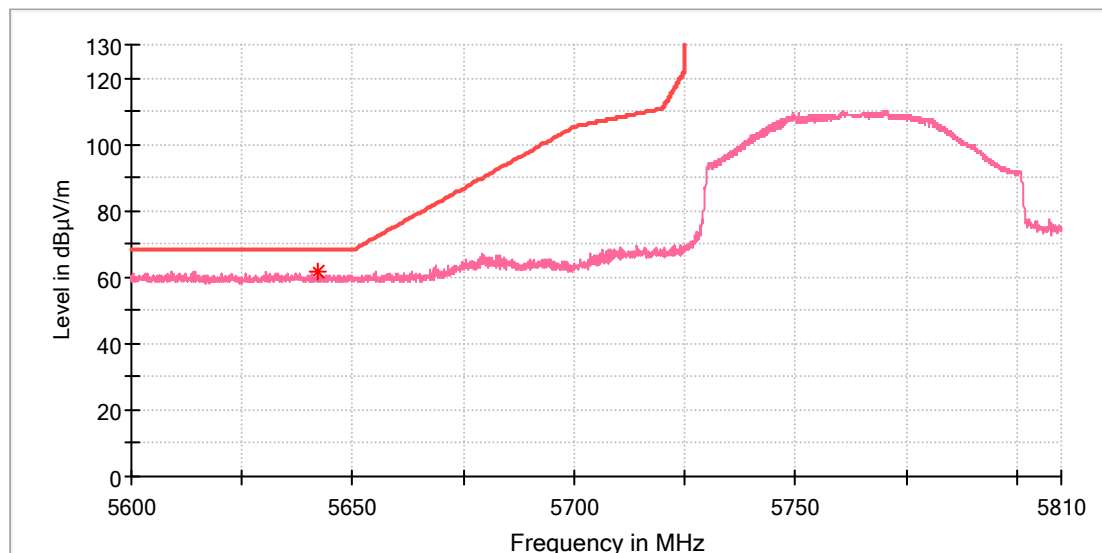
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5603.300000	64.25	68.20	3.95	150.0	H	27.0	15.3

Final_Result

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

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_80M_5765.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

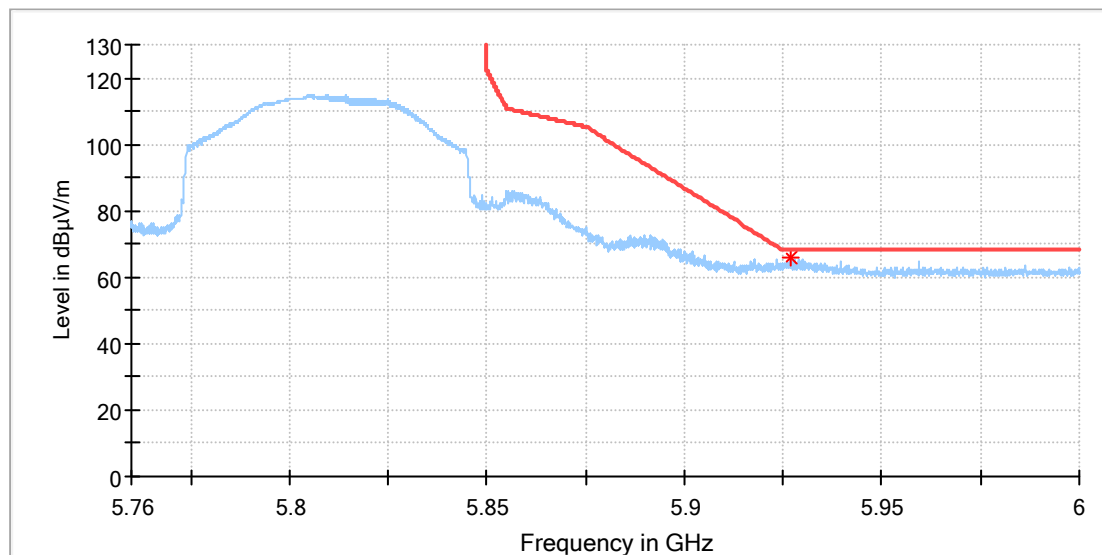
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.983333	61.97	68.20	6.23	150.0	V	283.0	15.3

Final_Result

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

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_80M_5809.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

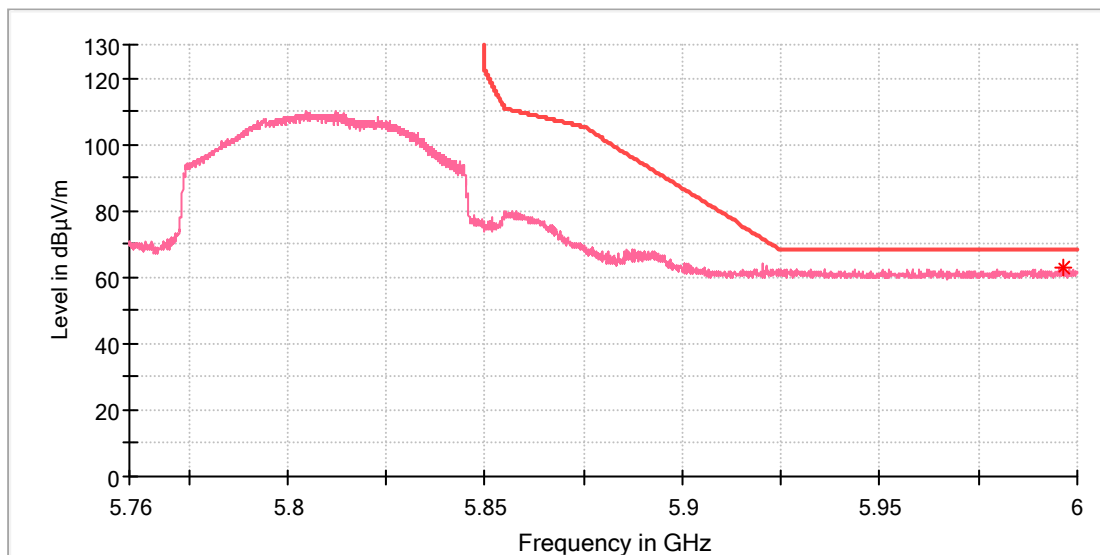
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5926.743056	65.71	68.20	2.49	150.0	H	45.0	16.2

Final Result

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

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.8G_80M_5809.5MHz
Order No/Sample No: 168512858/A003882058-014
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
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)
5996.333333	63.12	68.20	5.08	150.0	V	42.0	16.5

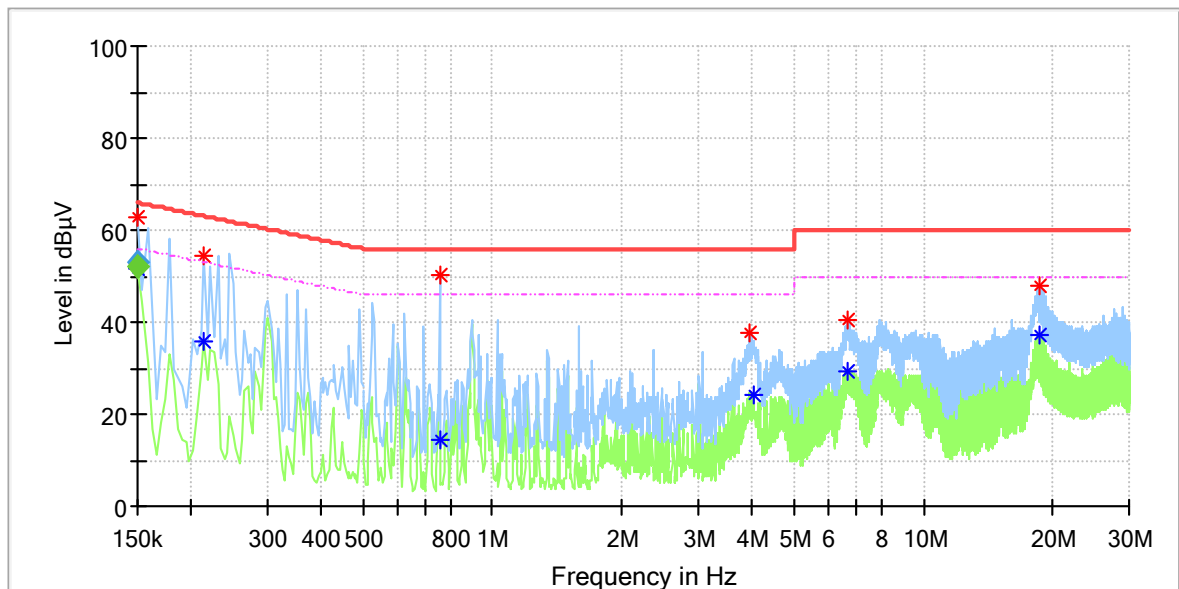
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name	DJI DOCK 3
Order Number:	168512858 510
Model:	DOCK-03
Test Mode:	5GHz SDR Link
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15C
Test By./Review By:	Soloman Wu/Shower Dai
Tem./Hum./Pressure:	23.2°C/49.1%/101kPa
Remark:	SR2



Critical_Freqs

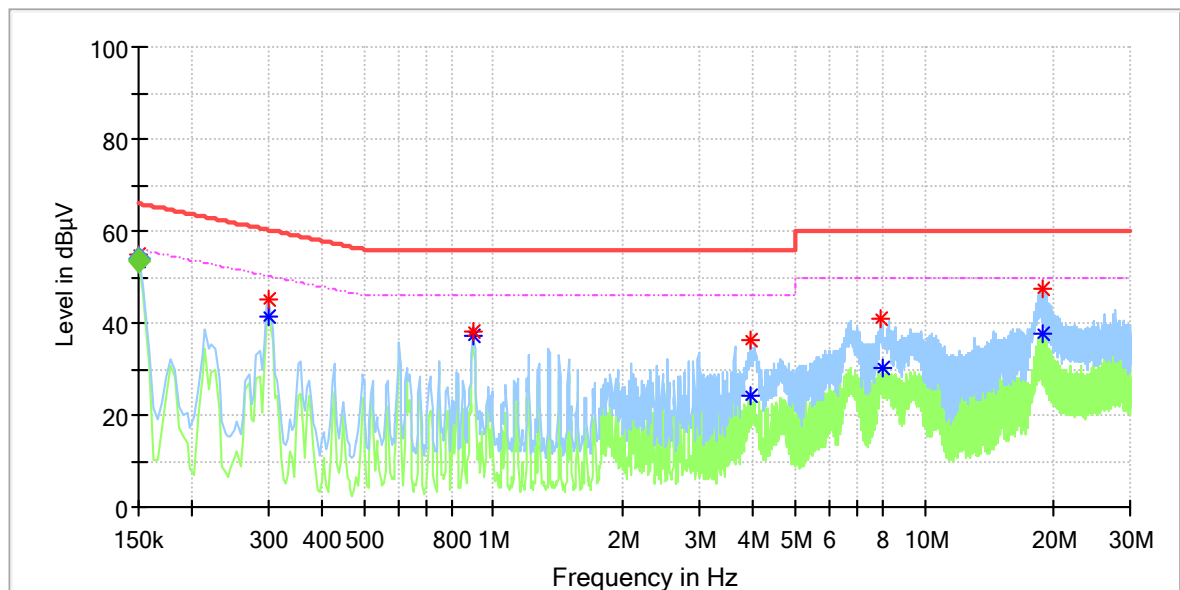
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	51.78	56.00	4.22	L1	10.2
0.150000	62.62	---	66.00	3.38	L1	10.2
0.214000	54.50	---	63.05	8.55	L1	10.3
0.214000	---	35.69	53.05	17.36	L1	10.3
0.756000	50.29	---	56.00	5.71	L1	10.3
0.756000	---	14.23	46.00	31.77	L1	10.3
3.960000	37.46	---	56.00	18.54	L1	10.4
4.032000	---	24.28	46.00	21.72	L1	10.4
6.680000	---	29.26	50.00	20.74	L1	10.5
6.704000	40.26	---	60.00	19.74	L1	10.5
18.544000	---	37.32	50.00	12.68	L1	11.0
18.548000	47.70	---	60.00	12.30	L1	11.0

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	53.13	---	66.00	12.87	1000.0	9.000	L1	10.2
0.150000	---	52.14	56.00	3.86	1000.0	9.000	L1	10.2

EUT Information

EUT Name: DJI DOCK 3
Order Number: 168512858 510
Model: DOCK-03
Test Mode: 5GHz SDR Link
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15C
Test By./Review By: Soloman Wu/Shower Dai
Tem./Hum./Pressure: 23.2°C/49.1%/101kPa
Remark: SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	53.66	56.00	2.34	N	10.2
0.150000	54.78	---	66.00	11.22	N	10.2
0.302000	44.98	---	60.19	15.21	N	10.2
0.302000	---	41.45	50.19	8.74	N	10.2
0.896000	---	37.15	46.00	8.85	N	10.3
0.896000	38.36	---	56.00	17.64	N	10.3
3.928000	---	24.23	46.00	21.77	N	10.3
3.964000	36.45	---	56.00	19.55	N	10.3
7.940000	40.99	---	60.00	19.01	N	10.4
7.960000	---	30.35	50.00	19.65	N	10.4
18.760000	47.62	---	60.00	12.38	N	10.6
18.760000	---	37.81	50.00	12.19	N	10.6

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	54.09	---	66.00	11.91	1000.0	9.000	N	10.2
0.150000	---	53.62	56.00	2.38	1000.0	9.000	N	10.2