

Appendix A: Test Results of 5.2GHz SDR

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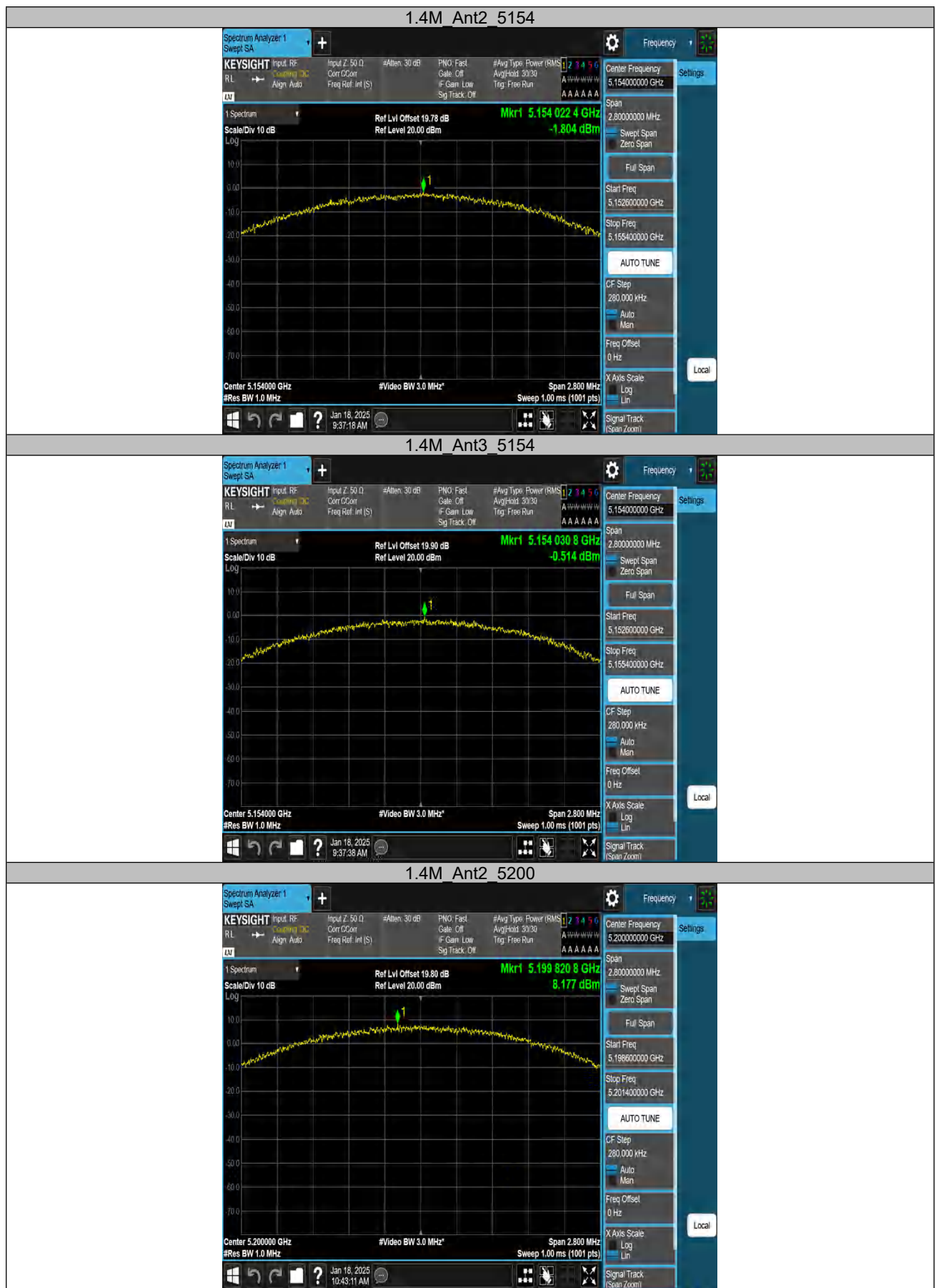
Appendix A.1: Test Results of Conducted Power Spectral Density

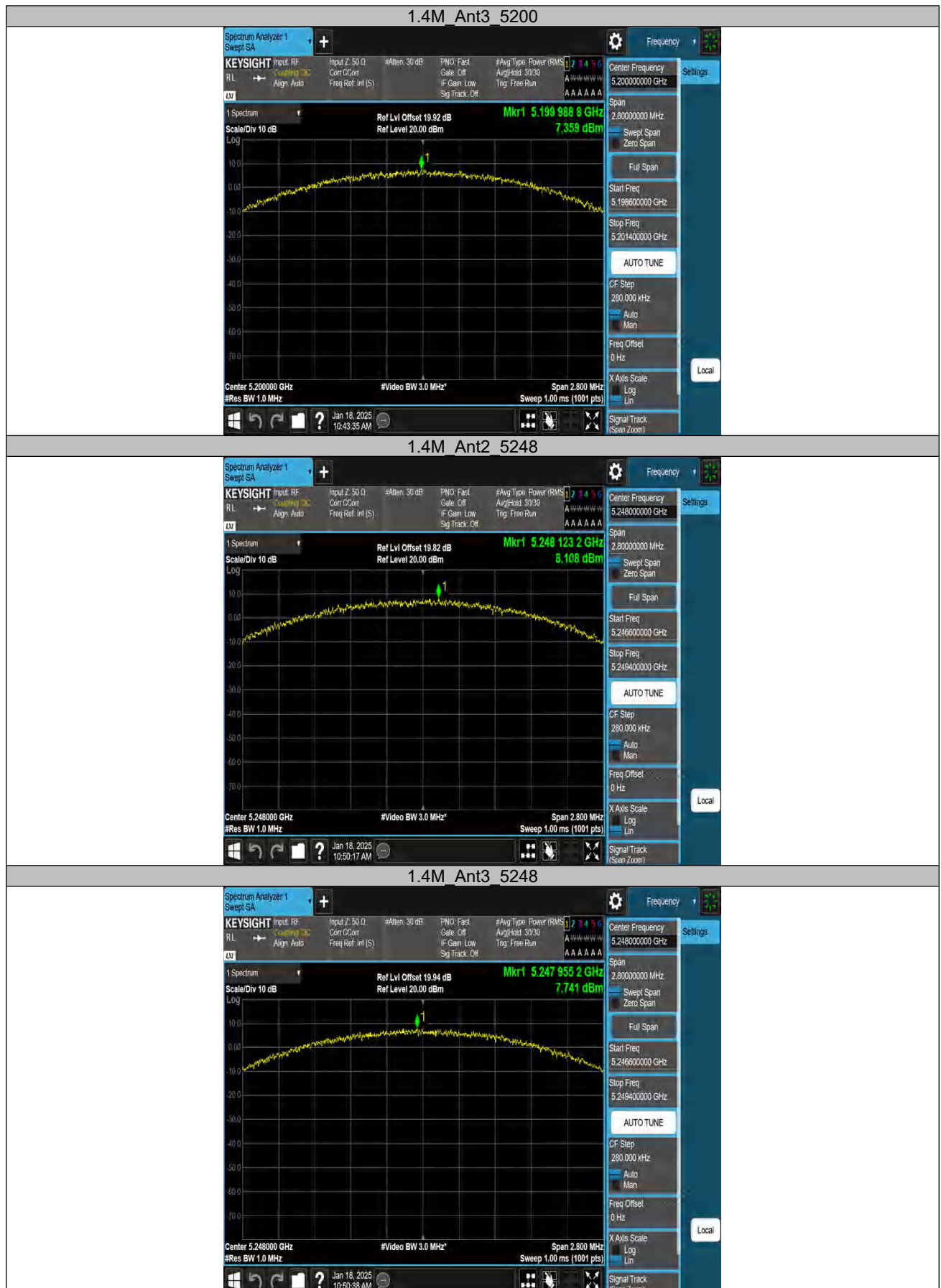
Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+ANT3) was presented in this report.

5.2GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
1.4M	Ant2	5154	-1.80	≤11.00	PASS
	Ant3	5154	-0.51	≤11.00	PASS
	total	5154	1.90	≤11.00	PASS
	Ant2	5200	8.18	≤11.00	PASS
	Ant3	5200	7.36	≤11.00	PASS
	total	5200	10.80	≤11.00	PASS
	Ant2	5248	8.11	≤11.00	PASS
	Ant3	5248	7.74	≤11.00	PASS
	total	5248	10.94	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.



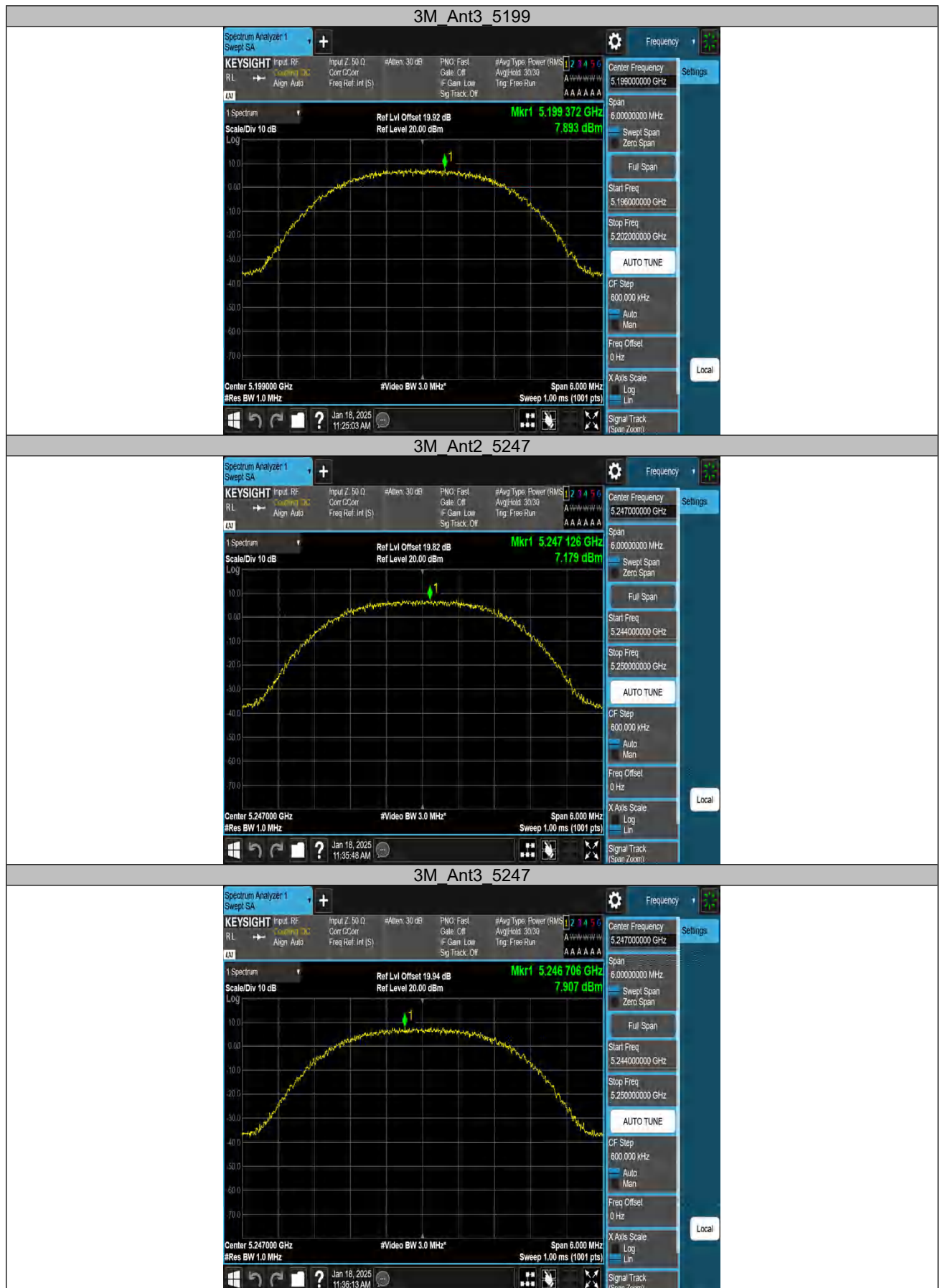


5.2GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
3M	Ant2	5154	-6.11	≤11.00	PASS
	Ant3	5154	-4.27	≤11.00	PASS
	total	5154	-2.08	≤11.00	PASS
	Ant2	5199	7.27	≤11.00	PASS
	Ant3	5199	7.89	≤11.00	PASS
	total	5199	10.60	≤11.00	PASS
	Ant2	5247	7.18	≤11.00	PASS
	Ant3	5247	7.91	≤11.00	PASS
	total	5247	10.57	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.





5.2GHz SDR, 5MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
5M	Ant2	5155	-6.29	≤11.00	PASS
	Ant3	5155	-5.41	≤11.00	PASS
	total	5155	-2.82	≤11.00	PASS
	Ant2	5200	8.04	≤11.00	PASS
	Ant3	5200	7.70	≤11.00	PASS
	total	5200	10.88	≤11.00	PASS
	Ant2	5245	8.13	≤11.00	PASS
	Ant3	5245	7.78	≤11.00	PASS
	total	5245	10.97	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.





5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
10M	Ant2	5157	-6.50	≤11.00	PASS
	Ant3	5157	-6.87	≤11.00	PASS
	total	5157	-3.67	≤11.00	PASS
	Ant2	5200	6.07	≤11.00	PASS
	Ant3	5200	4.47	≤11.00	PASS
	total	5200	8.35	≤11.00	PASS
	Ant2	5245	5.28	≤11.00	PASS
	Ant3	5245	4.27	≤11.00	PASS
	total	5245	7.81	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.





5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
20M	Ant2	5161	-9.84	≤11.00	PASS
	Ant3	5161	-9.50	≤11.00	PASS
	total	5161	-6.66	≤11.00	PASS
	Ant2	5200	2.74	≤11.00	PASS
	Ant3	5200	1.73	≤11.00	PASS
	total	5200	5.27	≤11.00	PASS
	Ant2	5240	2.75	≤11.00	PASS
	Ant3	5240	1.58	≤11.00	PASS
	total	5240	5.21	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.



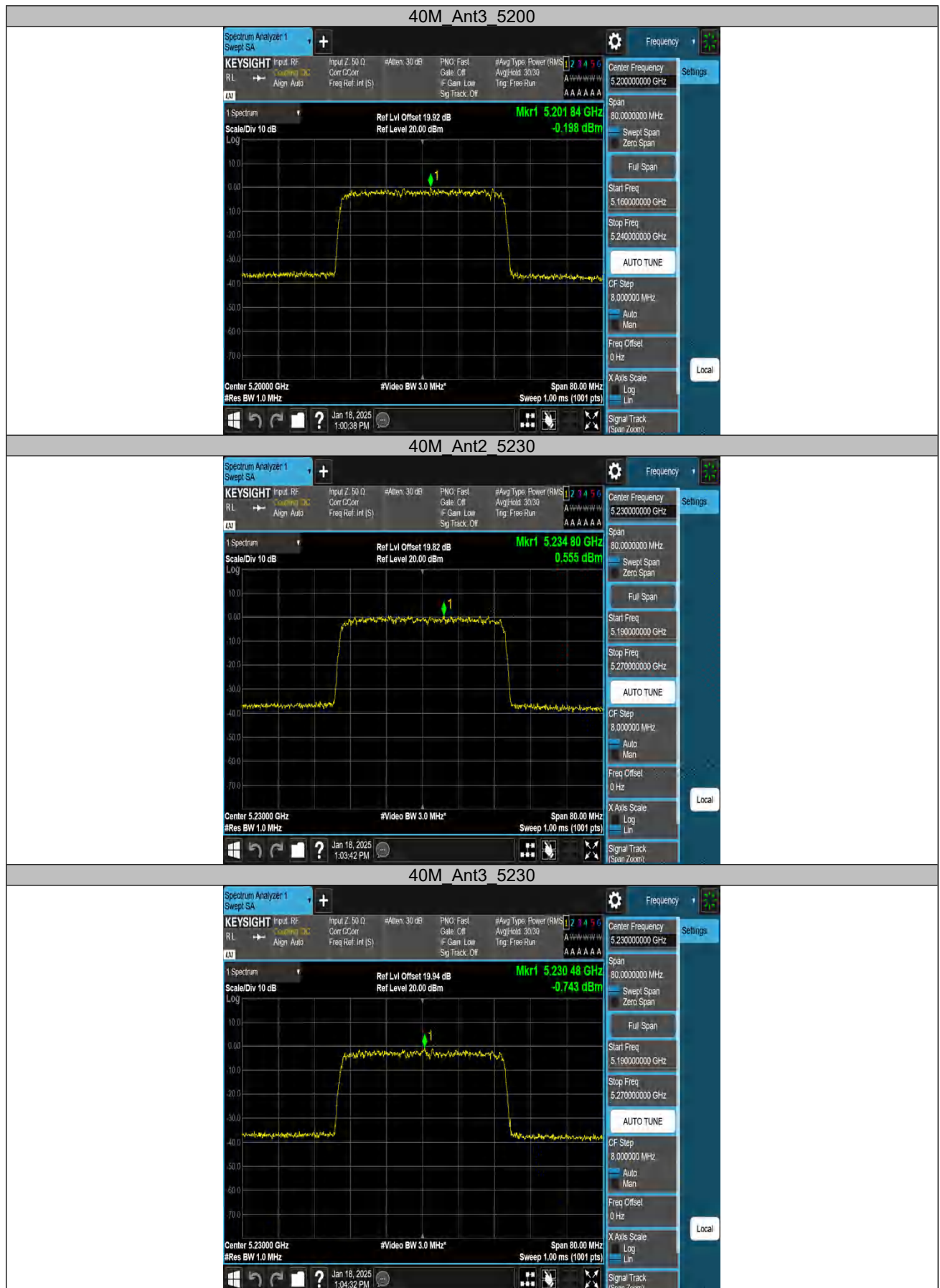


5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
40M	Ant2	5170	-8.60	≤11.00	PASS
	Ant3	5170	-8.42	≤11.00	PASS
	total	5170	-5.50	≤11.00	PASS
	Ant2	5200	0.62	≤11.00	PASS
	Ant3	5200	-0.20	≤11.00	PASS
	total	5200	3.24	≤11.00	PASS
	Ant2	5230	0.56	≤11.00	PASS
	Ant3	5230	-0.74	≤11.00	PASS
	total	5230	2.97	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.





5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
60M	Ant2	5180	-8.69	≤11.00	PASS
	Ant3	5180	-8.65	≤11.00	PASS
	total	5180	-5.66	≤11.00	PASS
	Ant2	5200	-1.32	≤11.00	PASS
	Ant3	5200	-0.25	≤11.00	PASS
	total	5200	2.26	≤11.00	PASS
	Ant2	5220	-1.68	≤11.00	PASS
	Ant3	5220	-2.08	≤11.00	PASS
	total	5220	1.13	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

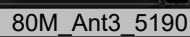




5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
80M	Ant2	5190	-7.30	≤11.00	PASS
	Ant3	5190	-7.36	≤11.00	PASS
	total	5190	-4.32	≤11.00	PASS
	Ant2	5200	-3.57	≤11.00	PASS
	Ant3	5200	-4.31	≤11.00	PASS
	total	5200	-0.91	≤11.00	PASS
	Ant2	5210	-2.47	≤11.00	PASS
	Ant3	5210	-3.09	≤11.00	PASS
	total	5210	0.24	≤11.00	PASS

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.





Appendix A.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+ANT3) was presented in this report.

Voltage							
TestMode	Antenna	Channel	Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
1.4MHz	Ant2	5154	na	-7000.00	-1.358168	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5248	na	-7000.00	-1.333841	20	PASS
3MHz	Ant2	5154	na	-6000.00	-1.164144	20	PASS
		5199	na	-7000.00	-1.346413	20	PASS
		5247	na	-7000.00	-1.334096	20	PASS
5MHz	Ant2	5155	na	-6000.00	-1.163919	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5245	na	-6000.00	-1.143947	20	PASS
10MHz	Ant2	5157	na	-6000.00	-1.163467	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5245	na	-7000.00	-1.334604	20	PASS
20MHz	Ant2	5161	na	-6000.00	-1.162565	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5240	na	-7000.00	-1.335878	20	PASS
40MHz	Ant2	5170	na	-7000.00	-1.353965	20	PASS
		5200	na	-6000.00	-1.153846	20	PASS
		5230	na	-7000.00	-1.338432	20	PASS
60MHz	Ant2	5180	na	-6000.00	-1.158301	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5220	na	-7000.00	-1.340996	20	PASS
80MHz	Ant2	5190	na	-6000.00	-1.156069	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5210	na	-7000.00	-1.343570	20	PASS

Appendix A.3: Test Results of 26dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+ANT3) was presented in this report.

5.2GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant2	5154	1.817	5153.048	5154.865	---	PASS
		5200	1.747	5199.065	5200.812	---	PASS
		5248	1.725	5247.068	5248.792	---	PASS



5.2GHz SDR, 3MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant2	5154	2.940	5152.518	5155.458	---	PASS
		5199	2.880	5197.578	5200.458	---	PASS
		5247	2.808	5245.596	5248.404	---	PASS



5.2GHz SDR, 5MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5M	Ant2	5155	5.270	5152.370	5157.640	---	PASS
		5200	5.340	5197.340	5202.680	---	PASS
		5245	5.370	5242.330	5247.700	---	PASS



5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant2	5157	10.160	5152.040	5162.200	---	PASS
		5200	10.280	5194.940	5205.220	---	PASS
		5245	10.200	5239.980	5250.180	---	PASS



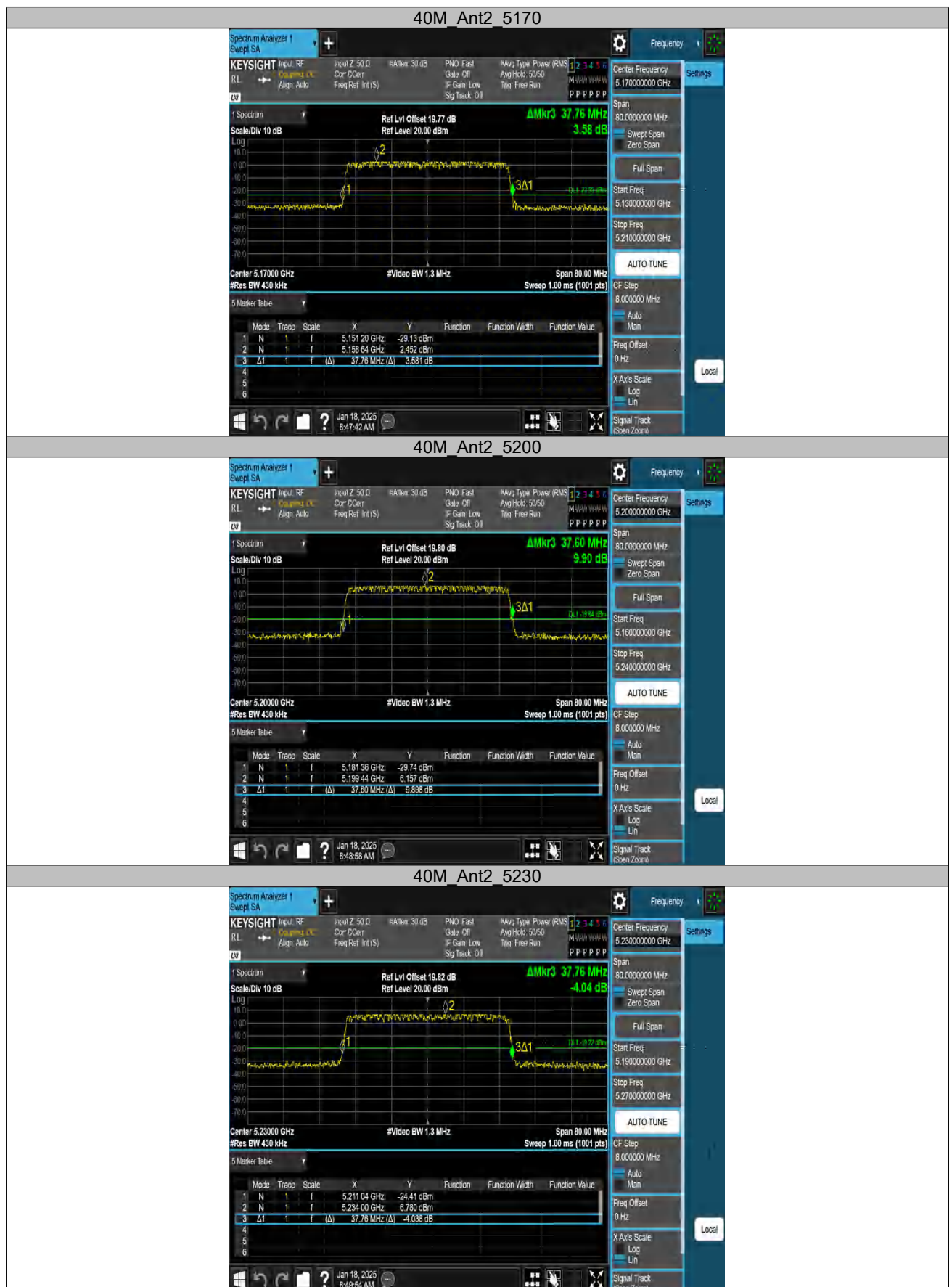
5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant2	5161	19.200	5151.440	5170.640	---	PASS
		5200	19.200	5190.480	5209.680	---	PASS
		5240	19.080	5230.640	5249.720	---	PASS



5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant2	5170	37.760	5151.200	5188.960	---	PASS
		5200	37.600	5181.360	5218.960	---	PASS
		5230	37.760	5211.040	5248.800	---	PASS



5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60M	Ant2	5180	55.440	5152.520	5207.960	---	PASS
		5200	55.080	5172.520	5227.600	---	PASS
		5220	55.560	5192.640	5248.200	---	PASS



5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	26dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80M	Ant2	5190	71.840	5154.160	5226.000	---	PASS
		5200	72.000	5164.000	5236.000	---	PASS
		5210	72.000	5174.000	5246.000	---	PASS

80M_Ant2_5190



80M_Ant2_5200



80M_Ant2_5210

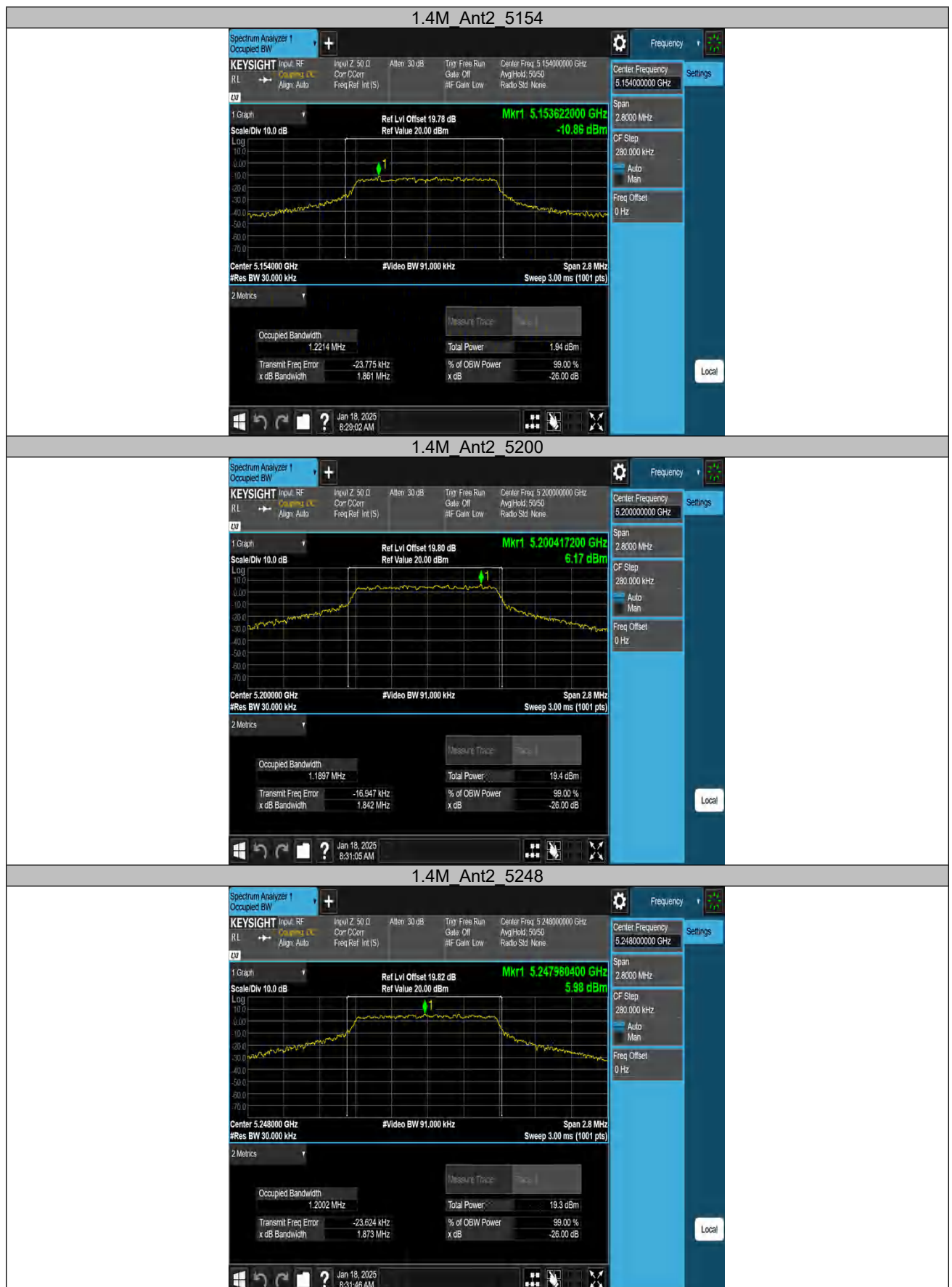


Appendix A.4: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+ANT3) was presented in this report.

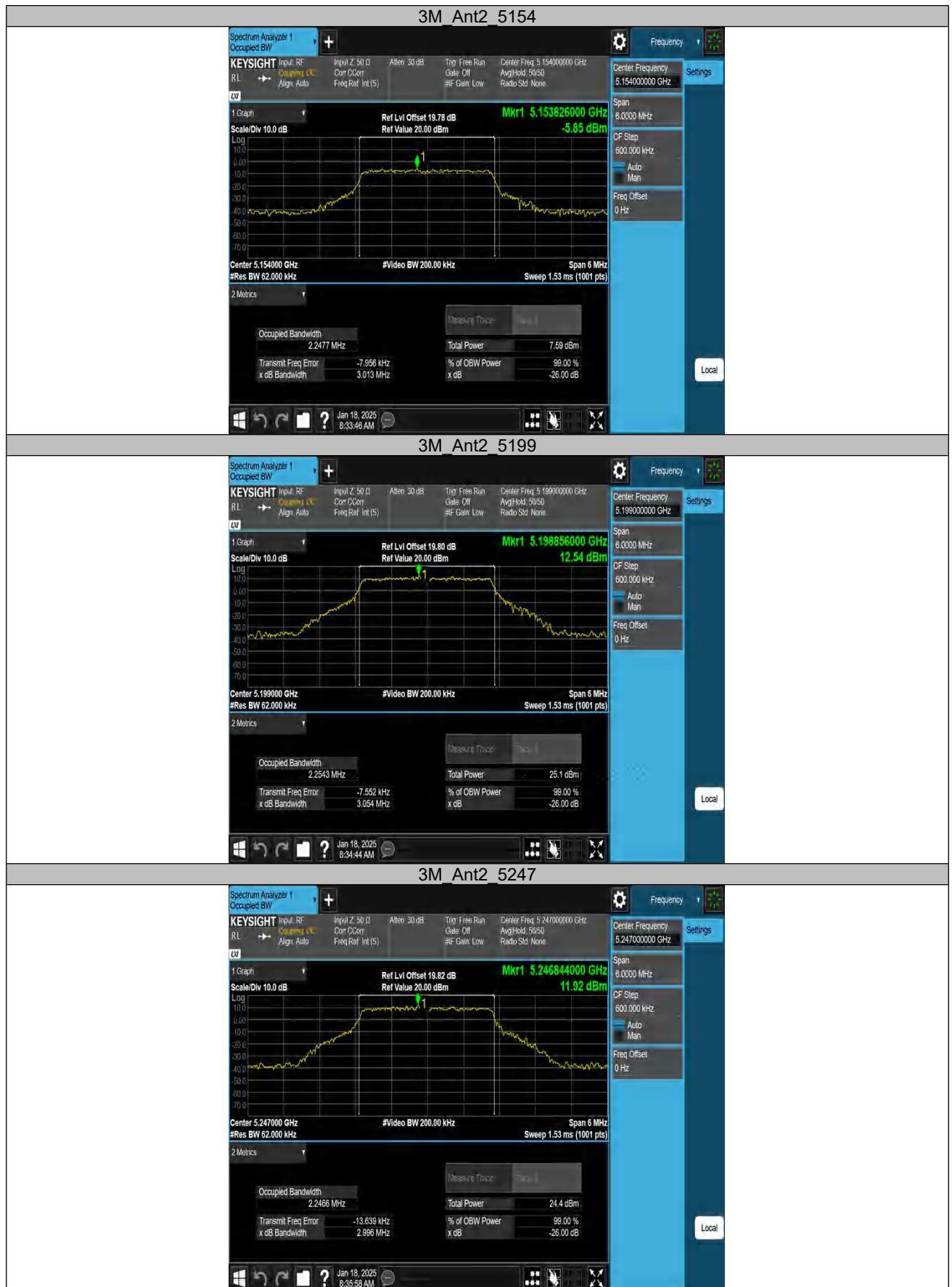
5.2GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant2	5154	1.2214	5153.3655	5154.5869	---	PASS
		5200	1.1897	5199.3882	5200.5779	---	PASS
		5248	1.2002	5247.3763	5248.5765	---	PASS



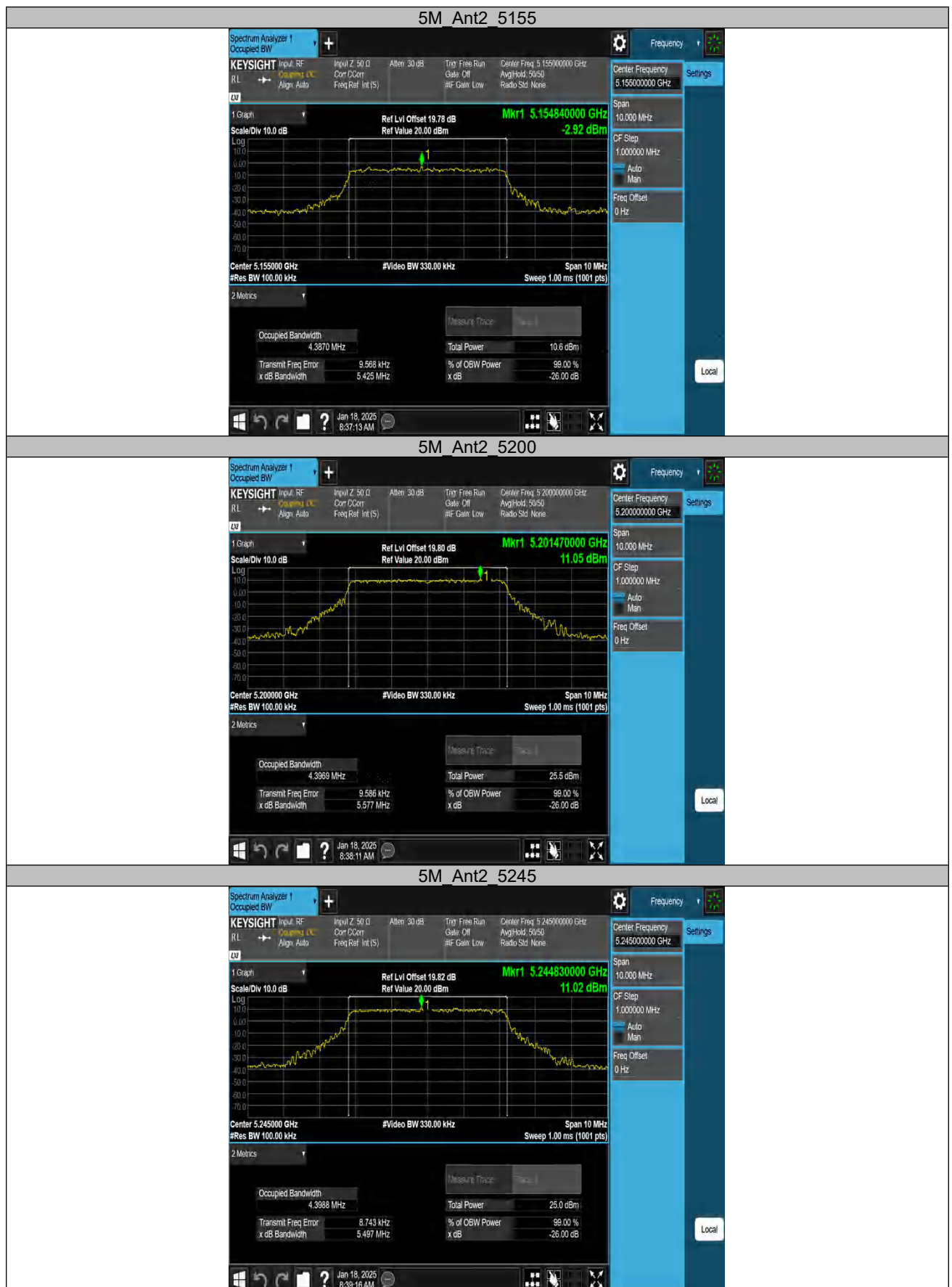
5.2GHz SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant2	5154	2.2477	5152.8682	5155.1159	---	PASS
		5199	2.2543	5197.8653	5200.1196	---	PASS
		5247	2.2466	5245.8631	5248.1097	---	PASS



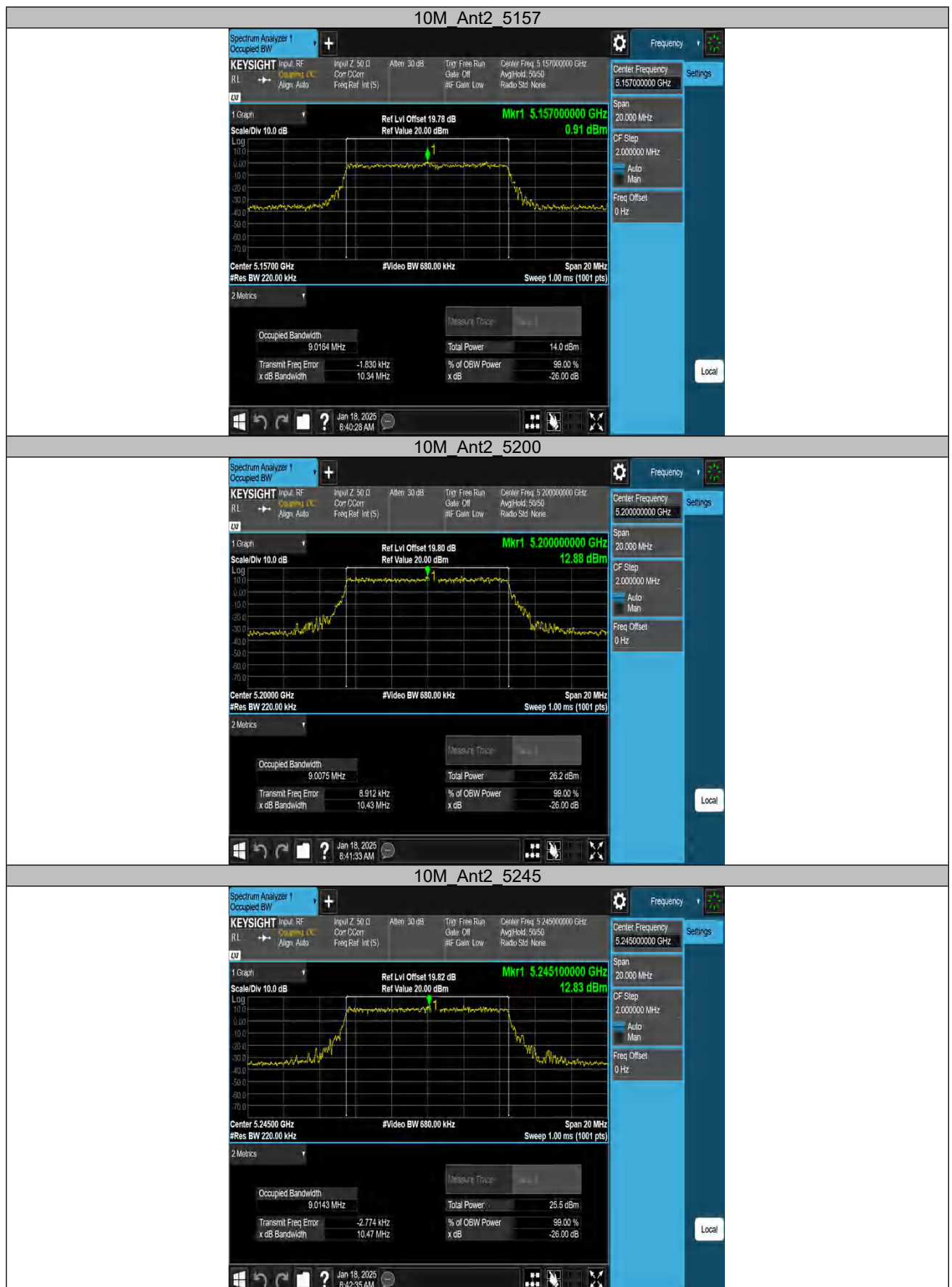
5.2GHz SDR, 5MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5M	Ant2	5155	4.3870	5152.8161	5157.2031	---	PASS
		5200	4.3969	5197.8111	5202.2080	---	PASS
		5245	4.3988	5242.8093	5247.2081	---	PASS



5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant2	5157	9.0164	5152.4900	5161.5064	---	PASS
		5200	9.0075	5195.5052	5204.5127	---	PASS
		5245	9.0143	5240.4901	5249.5044	---	PASS



5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant2	5161	18.002	5151.9919	5169.9939	---	PASS
		5200	17.832	5191.0572	5208.8892	---	PASS
		5240	17.877	5231.0665	5248.9435	---	PASS



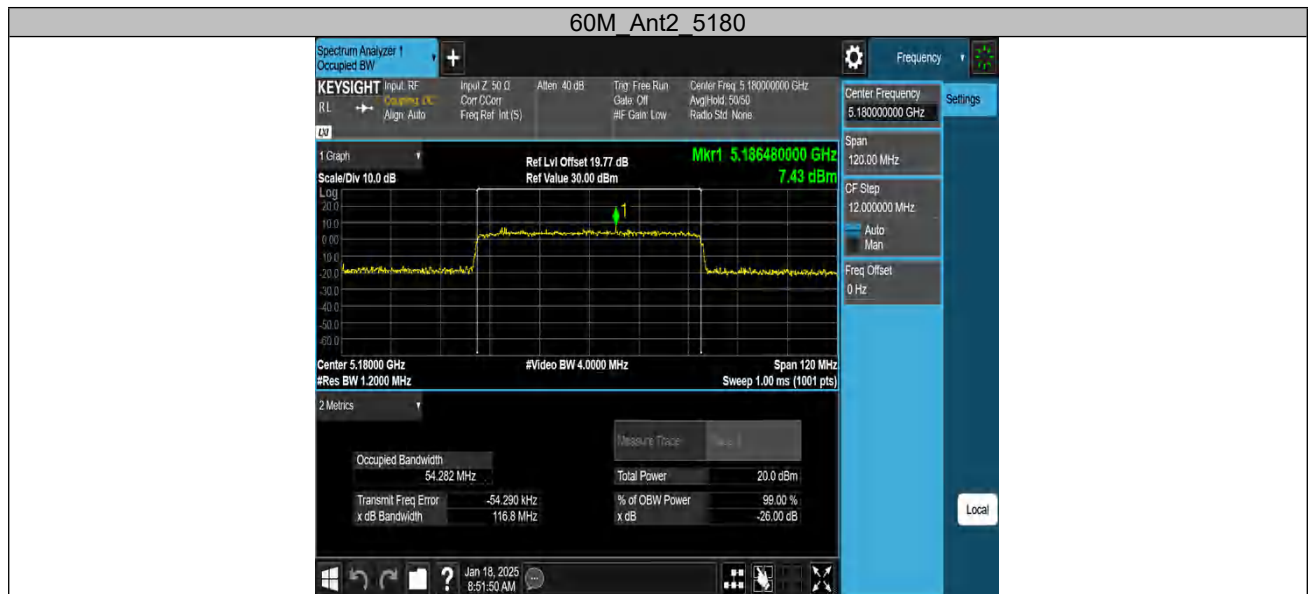
5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant2	5170	35.927	5152.0860	5188.0130	---	PASS
		5200	35.888	5182.0367	5217.9247	---	PASS
		5230	35.863	5212.0951	5247.9581	---	PASS



5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60M	Ant2	5180	54.282	5152.8047	5207.0867	---	PASS
		5200	54.109	5172.9706	5227.0796	---	PASS
		5220	54.076	5192.9441	5247.0201	---	PASS



5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80M	Ant2	5190	71.522	5154.1992	5225.7212	---	PASS
		5200	72.074	5163.7631	5235.8371	---	PASS
		5210	71.363	5174.4017	5245.7647	---	PASS



Appendix A.5: Test Results of Radiated Spurious Emissions

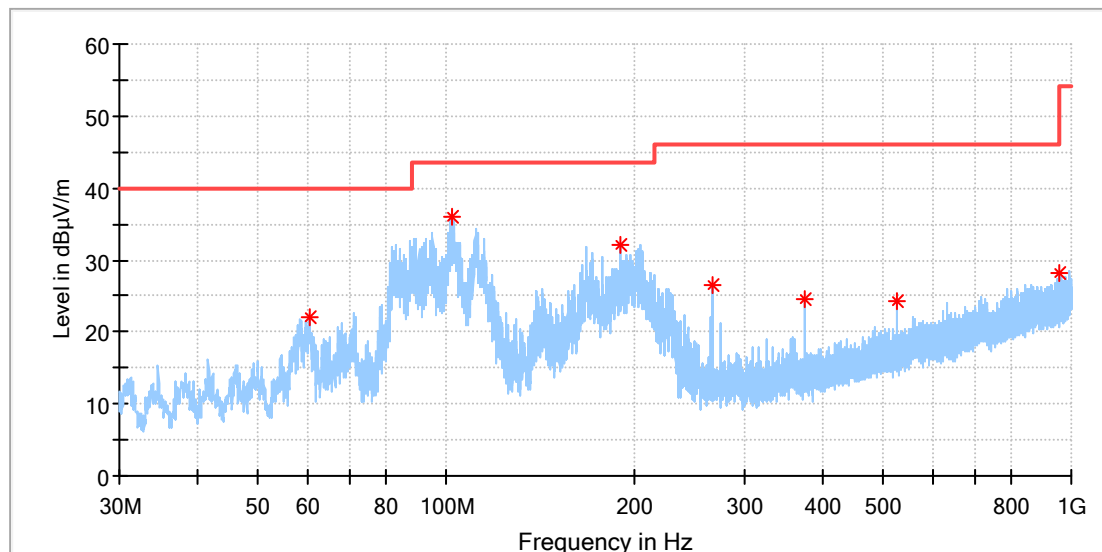
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+ANT3) 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 5.2G_5M_5200MHz
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

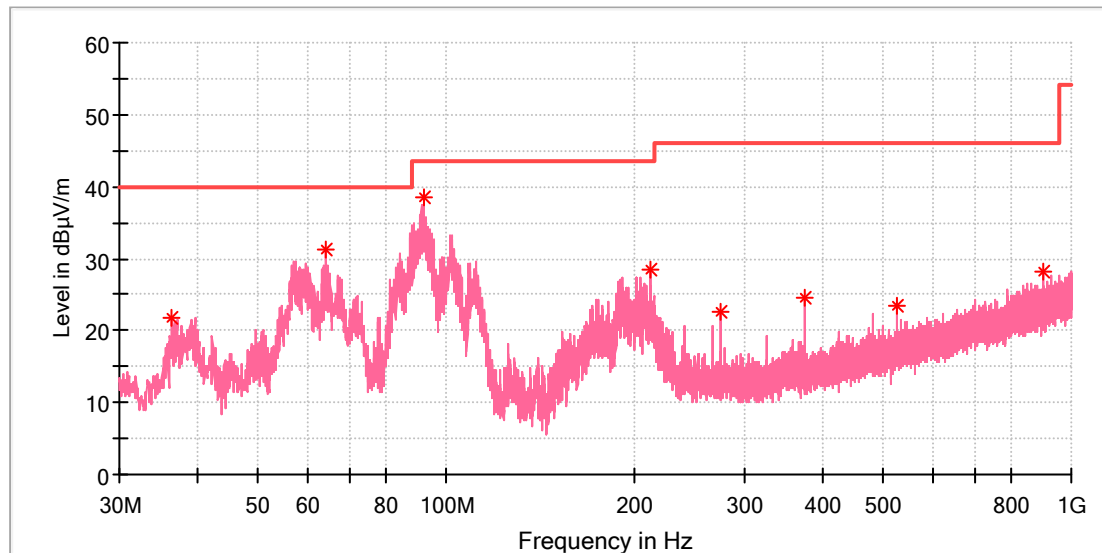
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
60.666923	22.09	40.00	17.91	100.0	H	300.0	-19.3
102.115769	36.06	43.50	7.44	100.0	H	80.0	-19.0
190.012692	32.23	43.50	11.27	100.0	H	210.0	-19.6
267.538077	26.59	46.00	19.41	100.0	H	124.0	-17.0
375.021539	24.47	46.00	21.53	100.0	H	358.0	-14.3
525.035769	24.23	46.00	21.77	100.0	H	131.0	-11.3
957.282692	28.29	46.00	17.71	100.0	H	218.0	-4.2

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 5.2G_5M_5200MHz
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)
36.454231	21.71	40.00	18.29	100.0	V	200.0	-21.4
64.061923	31.13	40.00	8.87	100.0	V	356.0	-20.0
92.080000	38.43	43.50	5.07	100.0	V	160.0	-20.6
211.763077	28.33	43.50	15.17	100.0	V	287.0	-18.8
274.999615	22.62	46.00	23.38	100.0	V	242.0	-16.8
375.021539	24.44	46.00	21.56	100.0	V	294.0	-14.3
525.035769	23.56	46.00	22.44	100.0	V	152.0	-11.3
899.493077	28.07	46.00	17.93	100.0	V	294.0	-4.8

Final Result

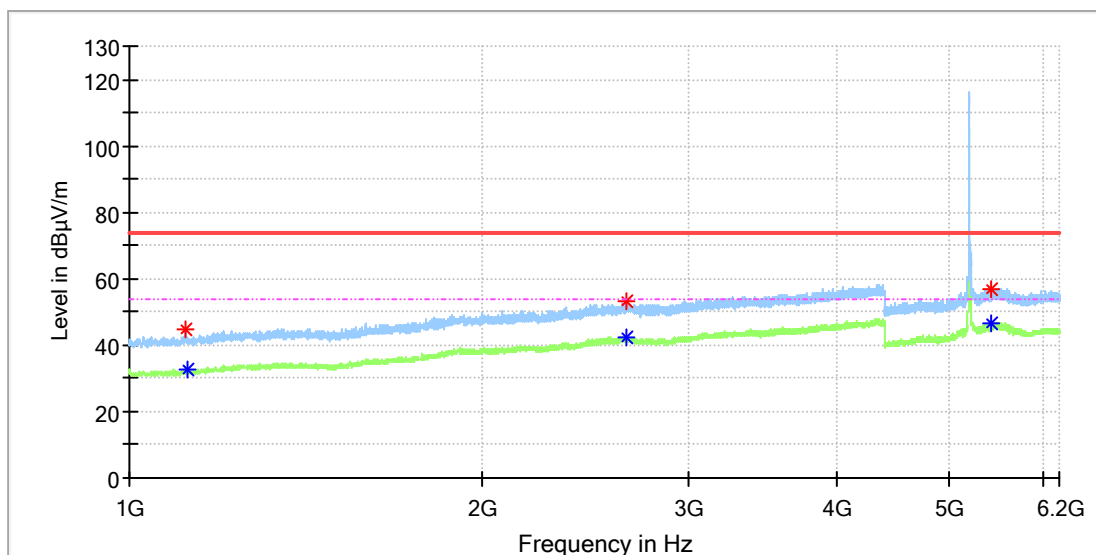
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.2GHz SDR Fundamental.

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.2G_5M_5200MHz
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

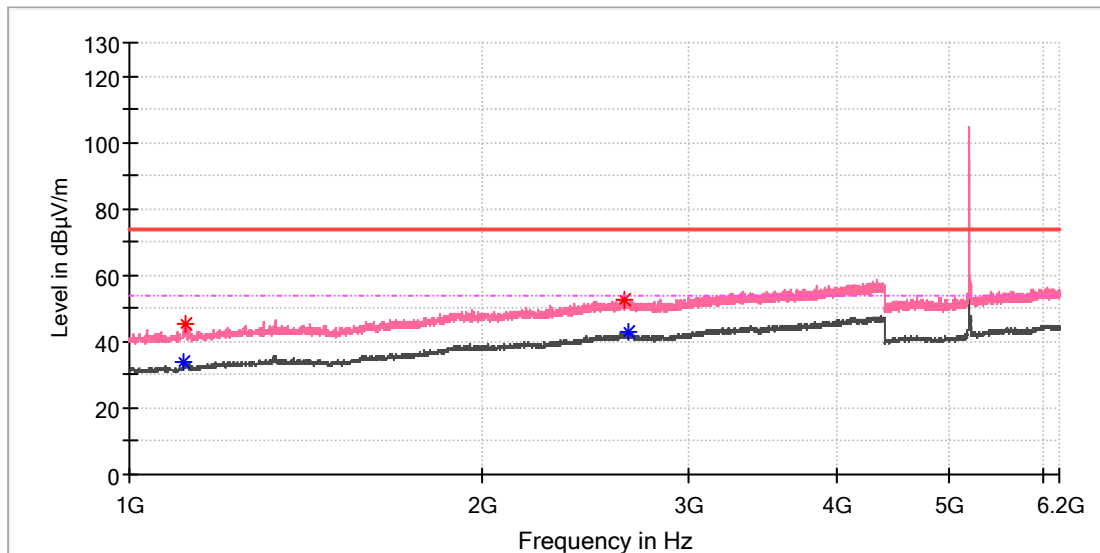
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	44.52	---	74.00	29.48	150.0	H	175.0	0.8
1122.500000	---	32.78	54.00	21.22	150.0	H	136.0	0.9
2648.500000	---	42.41	54.00	11.59	150.0	H	107.0	10.1
2654.500000	52.91	---	74.00	21.09	150.0	H	71.0	10.2
5414.000000	56.83	---	74.00	17.17	150.0	H	35.0	15.0
5422.000000	---	46.41	54.00	7.59	150.0	H	304.0	15.0

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 5.2G_5M_5200MHz
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

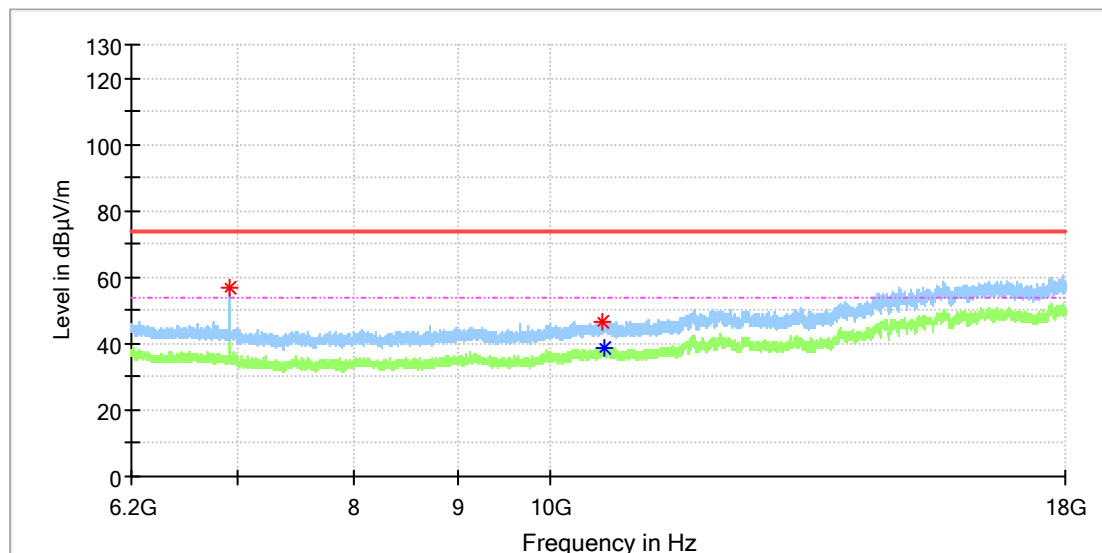
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1113.500000	---	34.06	54.00	19.94	150.0	V	266.0	0.7
1116.000000	45.35	---	74.00	28.65	150.0	V	266.0	0.8
2636.500000	52.40	---	74.00	21.60	150.0	V	44.0	10.0
2657.500000	---	43.10	54.00	10.90	150.0	V	248.0	10.2

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 5.2G_5M_5200MHz
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

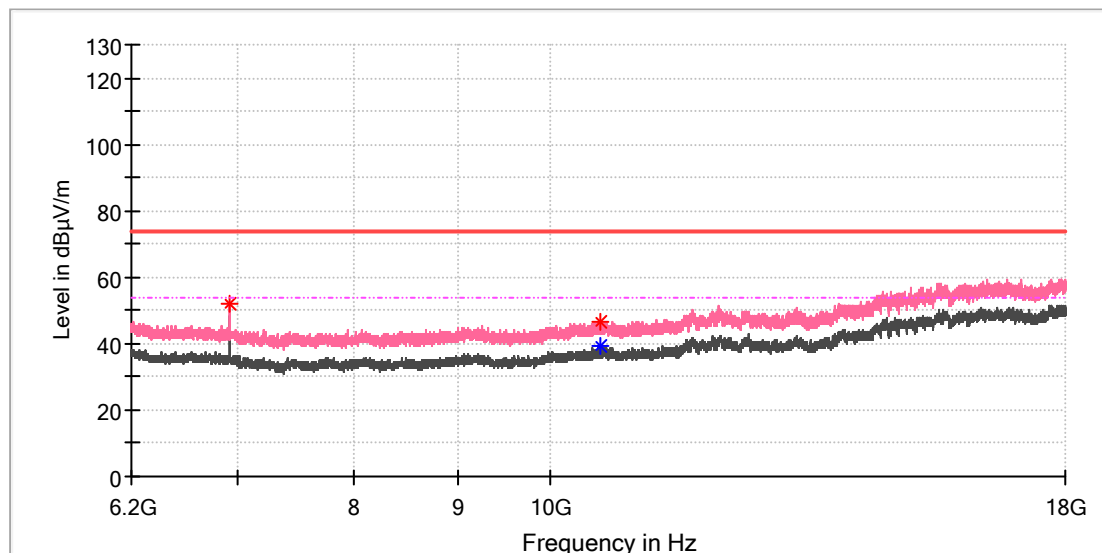
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	56.68	---	68.20	11.52	150.0	H	343.0	8.6
10623.525000	46.67	---	74.00	27.33	150.0	H	222.0	12.0
10637.291667	---	38.50	54.00	15.50	150.0	H	88.0	12.0

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 5.2G_5M_5200MHz
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

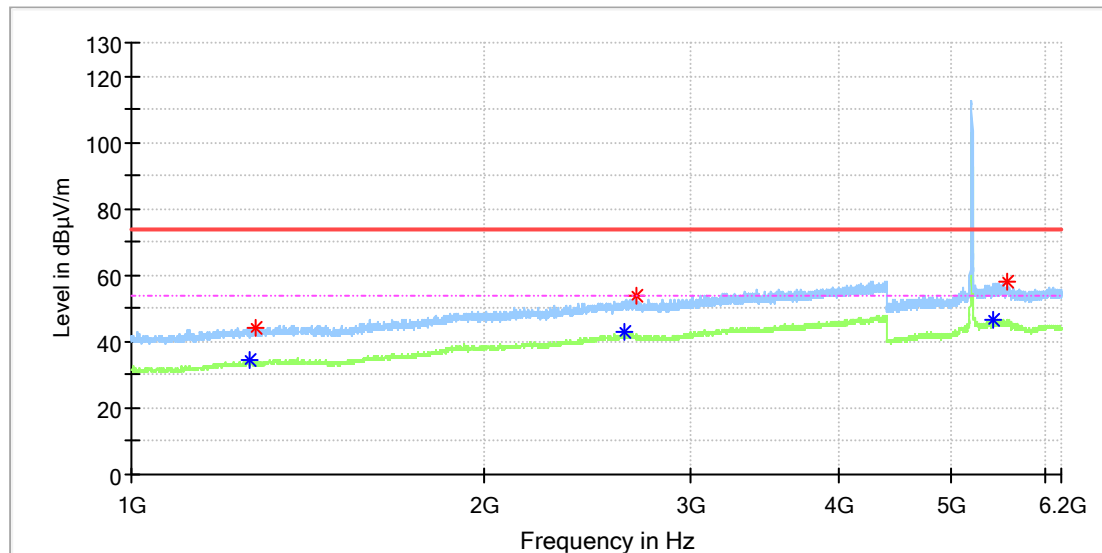
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	51.78	---	68.20	16.42	150.0	V	240.0	8.6
10587.141667	46.74	---	74.00	27.26	150.0	V	268.0	12.1
10587.141667	---	39.56	54.00	14.44	150.0	V	268.0	12.1

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 5.2G_10M_5200MHz
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

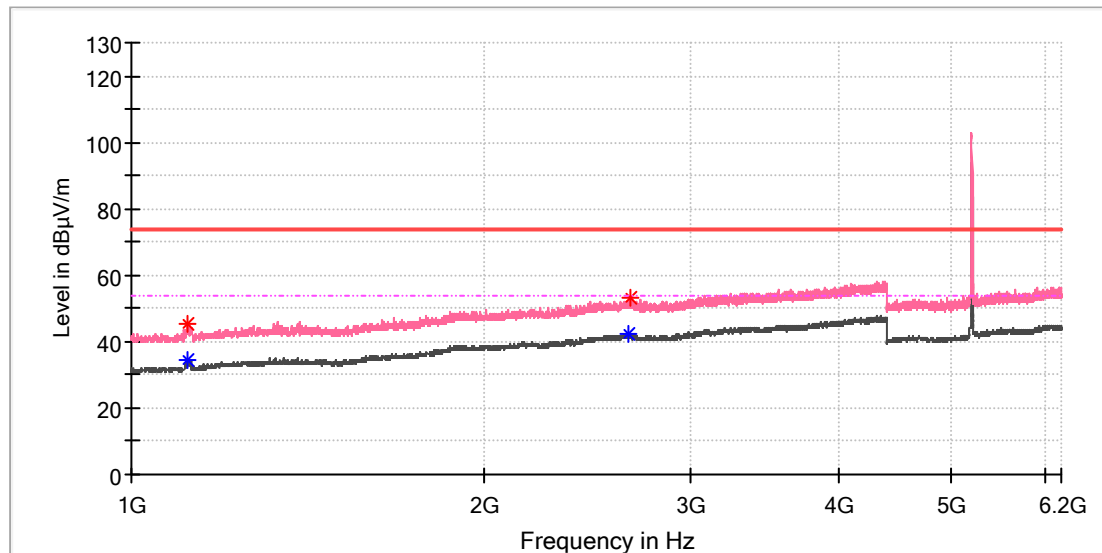
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1263.500000	---	34.51	54.00	19.49	150.0	H	163.0	2.7
1275.500000	44.00	---	74.00	30.00	150.0	H	41.0	2.7
2626.000000	---	42.79	54.00	11.21	150.0	H	253.0	9.9
2688.500000	53.82	---	74.00	20.18	150.0	H	346.0	10.1
5414.500000	---	46.67	54.00	7.33	150.0	H	39.0	15.0
5565.500000	58.24	---	68.20	9.96	150.0	H	34.0	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 5.2G_10M_5200MHz
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

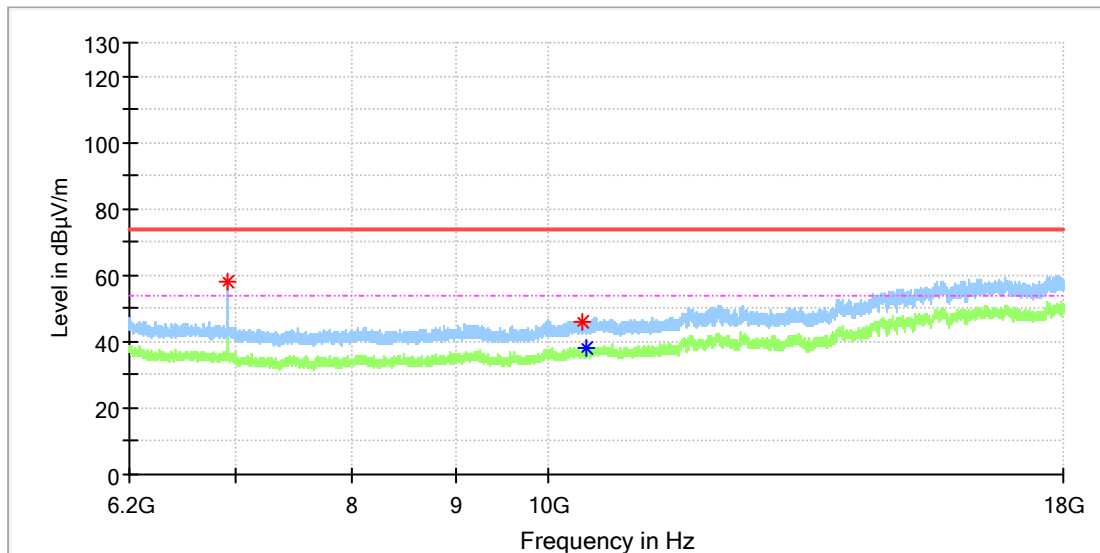
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1117.000000	45.24	---	74.00	28.76	150.0	V	262.0	0.8
1117.000000	---	34.33	54.00	19.67	150.0	V	262.0	0.8
2648.000000	---	42.62	54.00	11.38	150.0	V	262.0	10.1
2665.500000	53.25	---	74.00	20.75	150.0	V	286.0	10.2

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 5.2G_10M_5200MHz
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

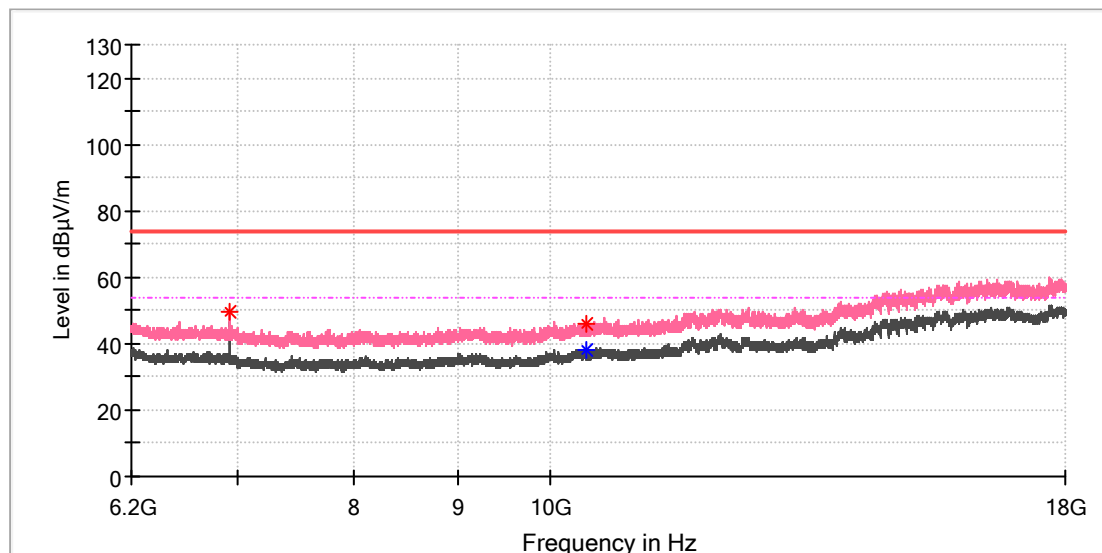
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	58.33	---	68.20	9.87	150.0	H	338.0	8.6
10402.275000	45.98	---	74.00	28.02	150.0	H	256.0	11.9
10434.233333	---	38.37	54.00	15.63	150.0	H	152.0	11.9

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 5.2G_10M_5200MHz
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)
6933.566667	49.83	---	68.20	18.37	150.0	V	0.0	8.6
10418.500000	45.89	---	74.00	28.11	150.0	V	226.0	11.9
10427.841667	---	37.98	54.00	16.02	150.0	V	194.0	11.9

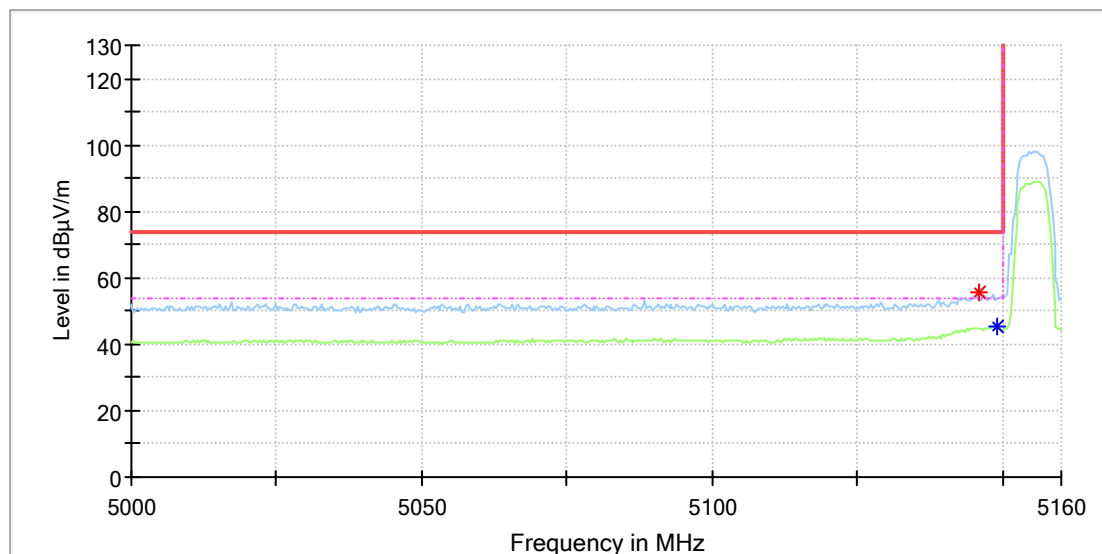
Final Result

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

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	DJI DOCK 3
Model:	DOCK-03
Test Mode:	SDR 5.2G_5M_5155MHz
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

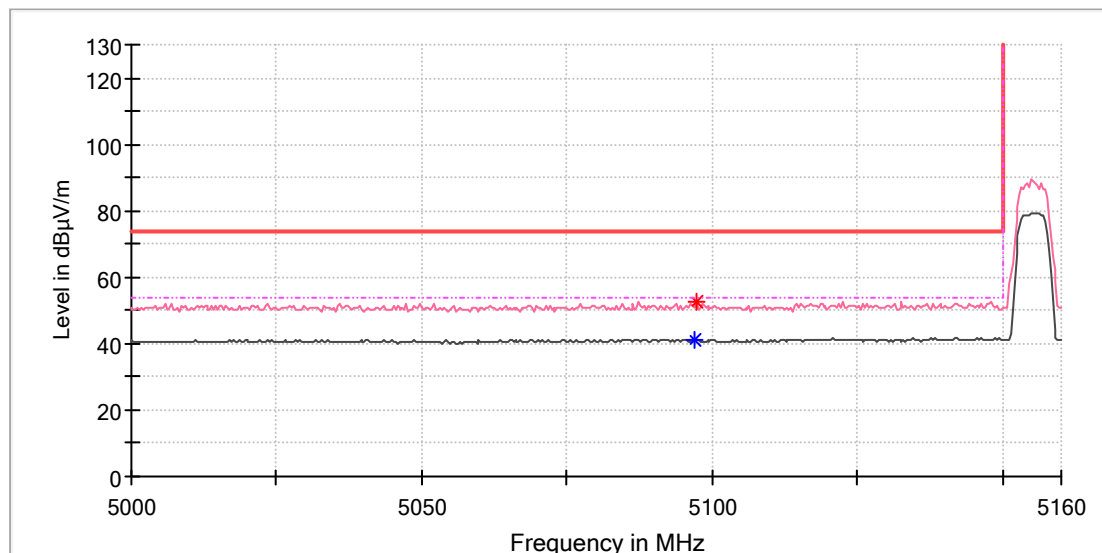
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5145.694445	55.91	---	74.00	18.09	150.0	H	42.0	13.9
5148.972222	---	45.22	54.00	8.78	150.0	H	42.0	13.9

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 5.2G_5M_5155MHz
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

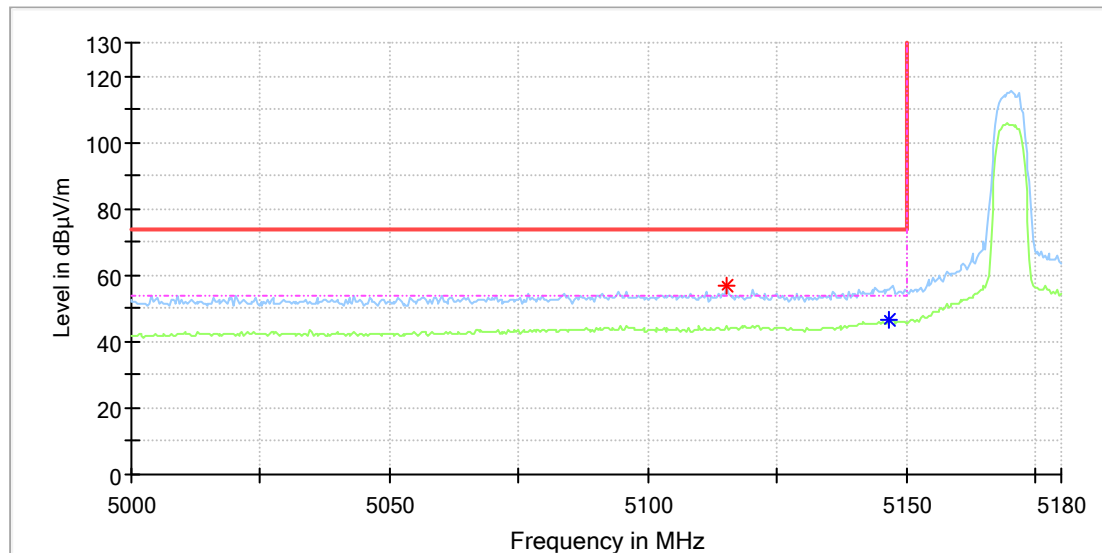
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5096.855556	---	41.25	54.00	12.75	150.0	V	199.0	13.7
5097.183333	52.88	---	74.00	21.12	150.0	V	320.0	13.7

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 5.2G_5M_5170MHz
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

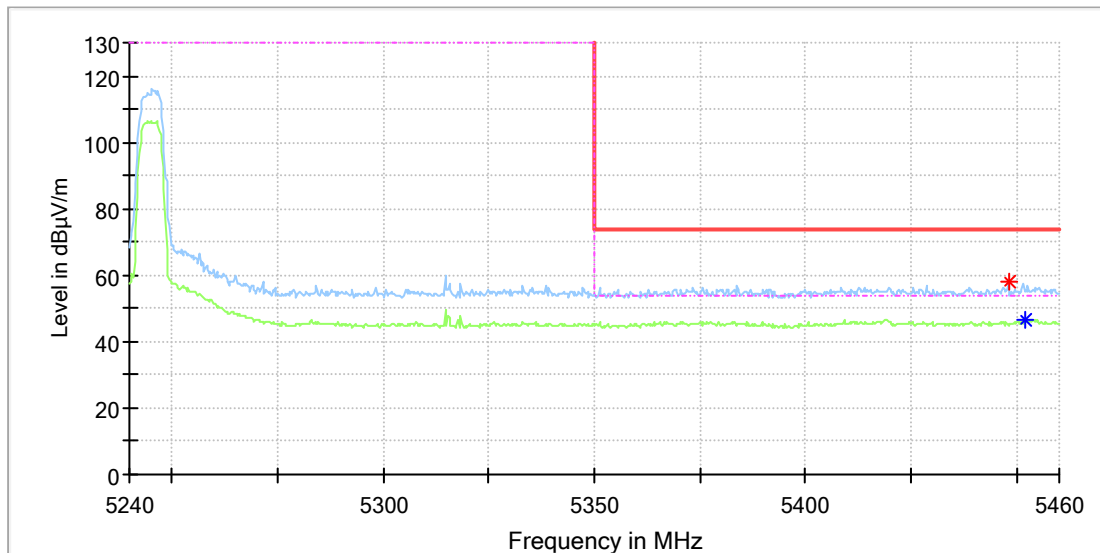
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5115.211111	56.94	---	74.00	17.06	150.0	H	46.0	13.8
5146.677778	---	46.70	54.00	7.30	150.0	H	318.0	13.9

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 5.2G_5M_5245MHz
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

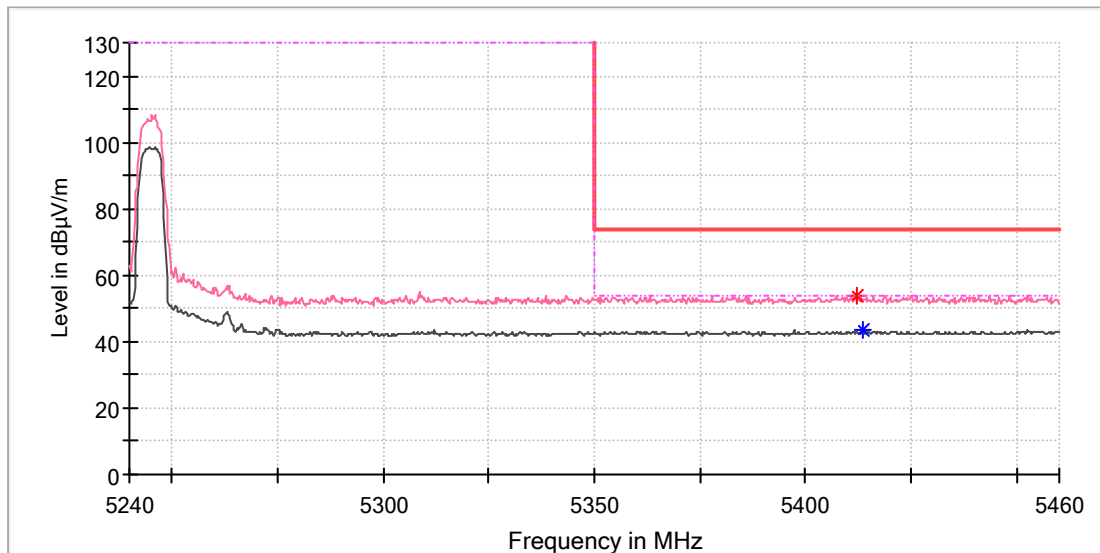
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5447.927778	57.86	---	74.00	16.14	150.0	H	27.0	15.0
5451.755556	---	46.79	54.00	7.21	150.0	H	33.0	15.0

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 5.2G_5M_5245MHz
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

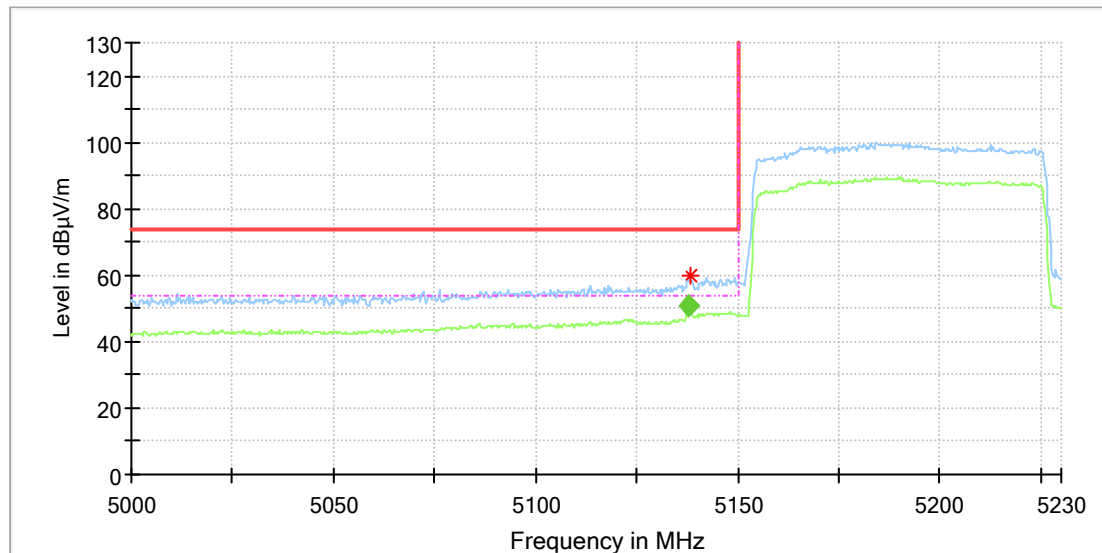
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5412.005556	53.92	---	74.00	20.08	150.0	V	29.0	15.0
5413.477778	---	43.24	54.00	10.76	150.0	V	29.0	15.0

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 5.2G_80M_5190MHz
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

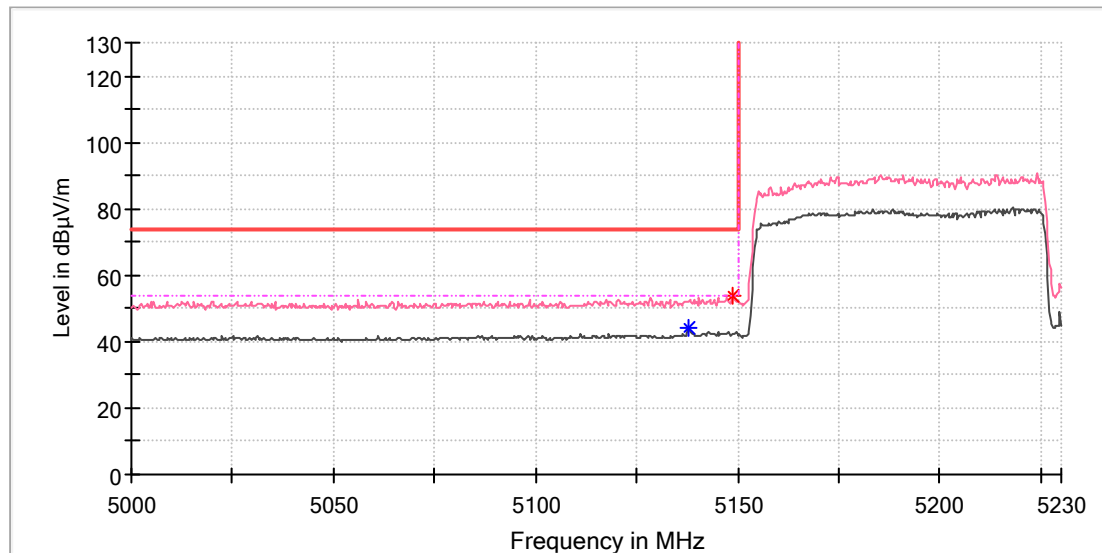
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5138.155556	59.57	---	74.00	14.43	150.0	H	324.0	13.9

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5137.938889	50.65	54.00	3.35	145.0	H	319.0	13.9

Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.2G_80M_5190MHz
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

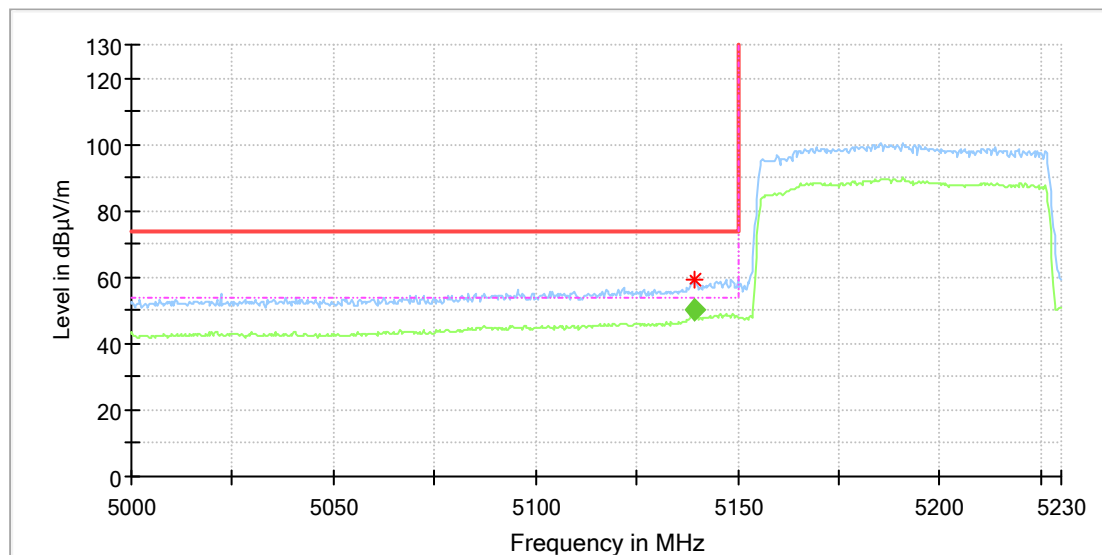
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5137.827778	---	43.85	54.00	10.15	150.0	V	36.0	13.9
5148.644445	53.55	---	74.00	20.45	150.0	V	36.0	13.9

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 5.2G_80M_5191MHz
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

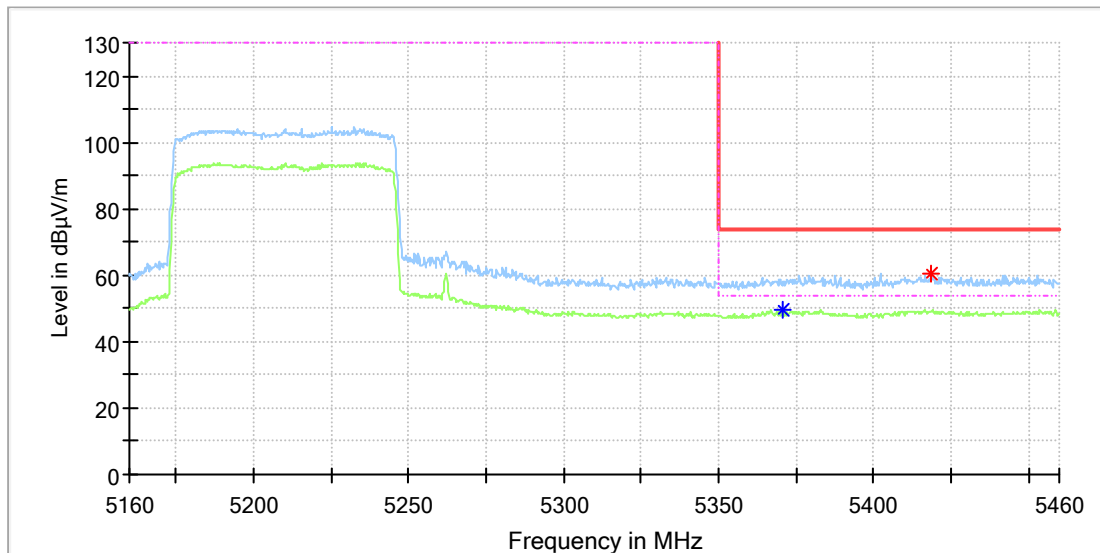
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5139.466667	59.55	---	74.00	14.45	150.0	H	318.0	13.9

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5139.097222	50.32	54.00	3.68	149.0	H	316.0	13.9

EUT Information

EUT Name: DJI DOCK 3
Model: DOCK-03
Test Mode: SDR 5.2G_80M_5210MHz
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

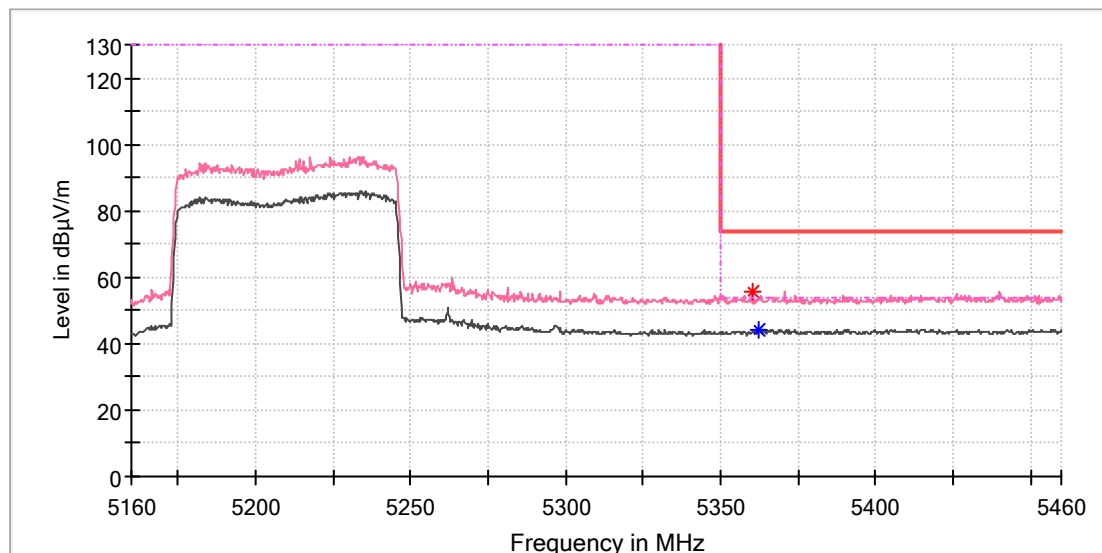
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5370.783333	---	49.59	54.00	4.41	150.0	H	303.0	14.8
5418.777778	60.54	---	74.00	13.46	150.0	H	44.0	15.0

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 5.2G_80M_5210MHz
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)
5360.183333	55.60	---	74.00	18.40	150.0	V	0.0	14.8
5362.244445	---	44.27	54.00	9.73	150.0	V	0.0	14.8

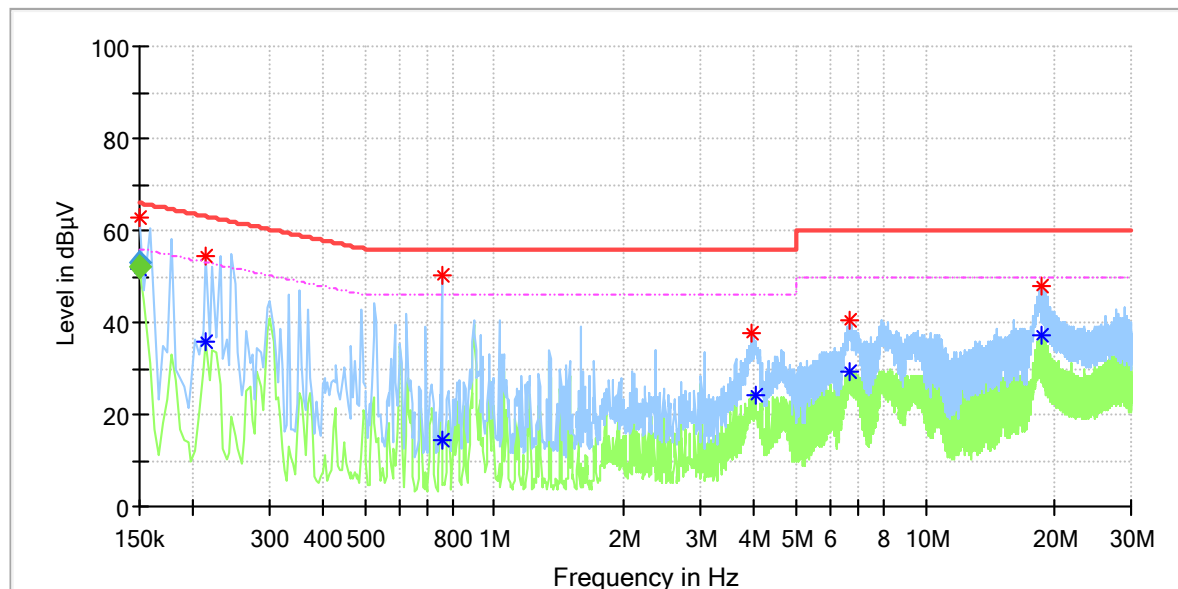
Final Result

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

Appendix A.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

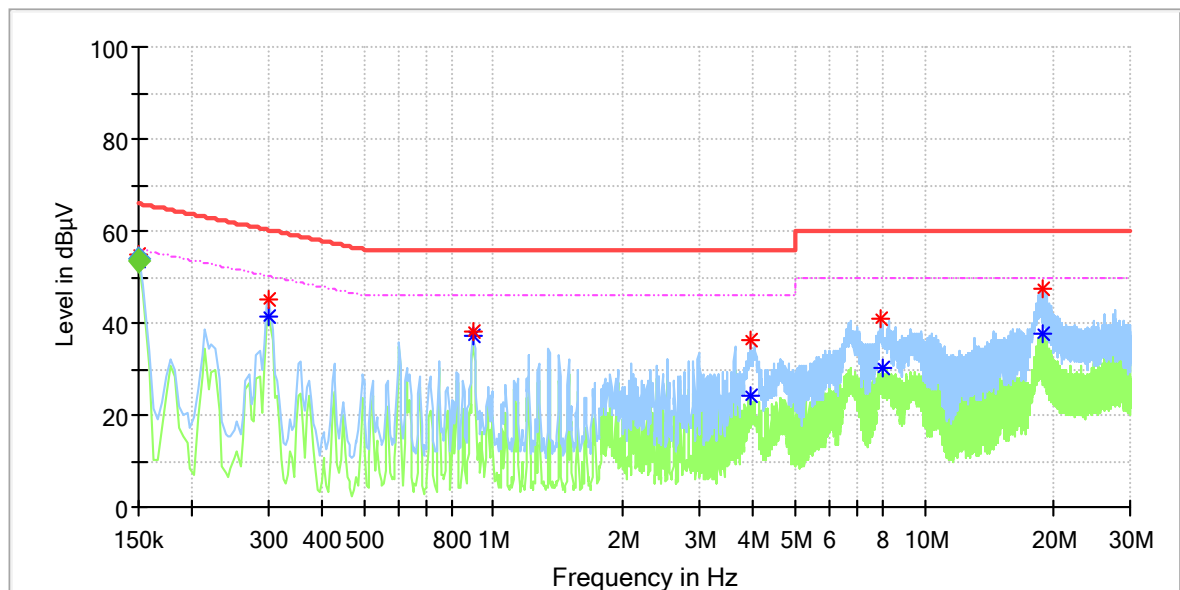
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	51.78	56.00	4.22	L1	10.2
0.150000	62.62	---	66.00	3.38	L1	10.2
0.214000	54.50	---	63.05	8.55	L1	10.3
0.214000	---	35.69	53.05	17.36	L1	10.3
0.756000	50.29	---	56.00	5.71	L1	10.3
0.756000	---	14.23	46.00	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