

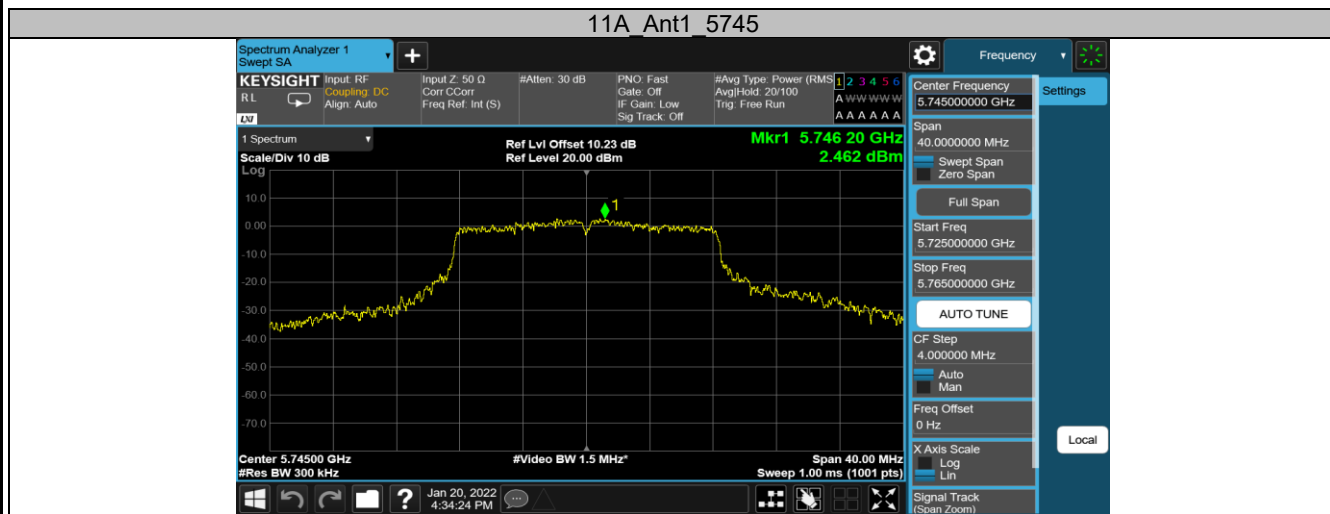
Appendix A: Test Results of 5.8GHz Wi-Fi

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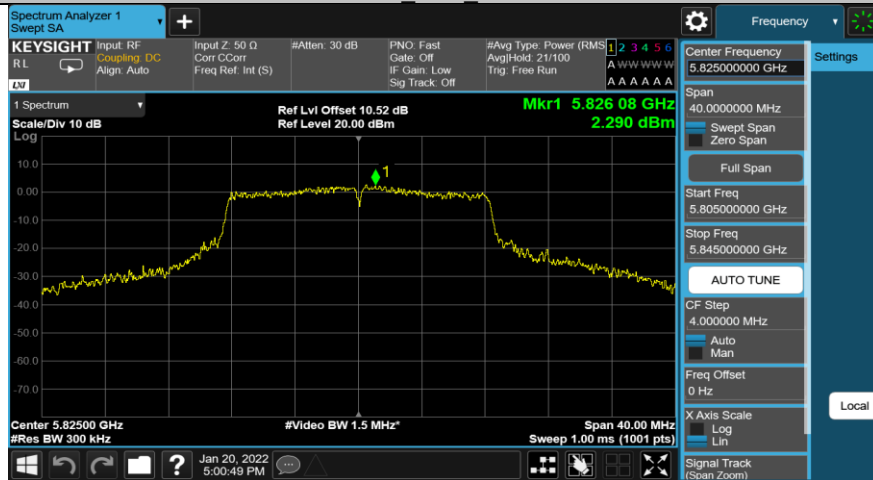
Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result [dBm/300KHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	2.46	4.678	≤30	PASS
		5785	1.74	3.958	≤30	PASS
		5825	2.29	4.508	≤30	PASS
11N20SISO	Ant1	5745	2.18	4.398	≤30	PASS
		5785	1.20	3.418	≤30	PASS
		5825	2.25	4.468	≤30	PASS
11N40SISO	Ant1	5755	-1.11	1.108	≤30	PASS
		5795	-0.37	1.848	≤30	PASS
11AC20SISO	Ant1	5745	2.00	4.218	≤30	PASS
		5785	1.92	4.138	≤30	PASS
		5825	1.74	3.958	≤30	PASS
11AC40SISO	Ant1	5755	-1.31	0.908	≤30	PASS
		5795	-0.29	1.928	≤30	PASS
11AC80SISO	Ant1	5775	-5.84	-3.622	≤30	PASS

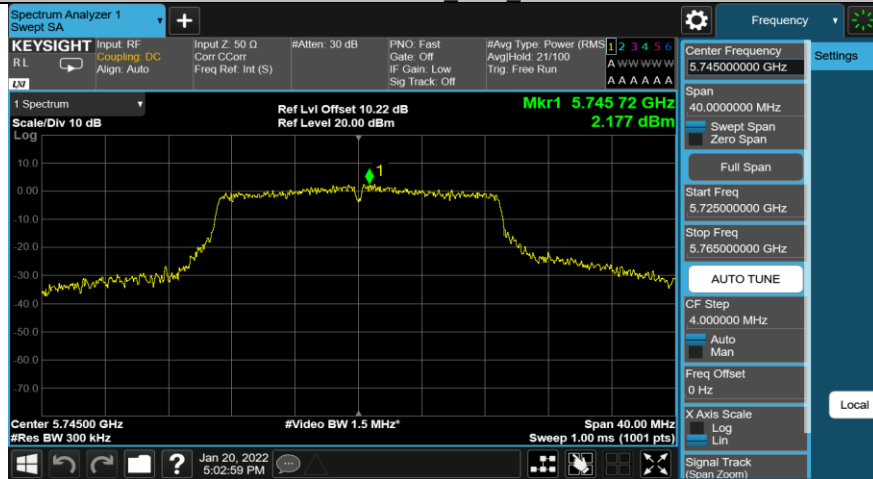
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 - 5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



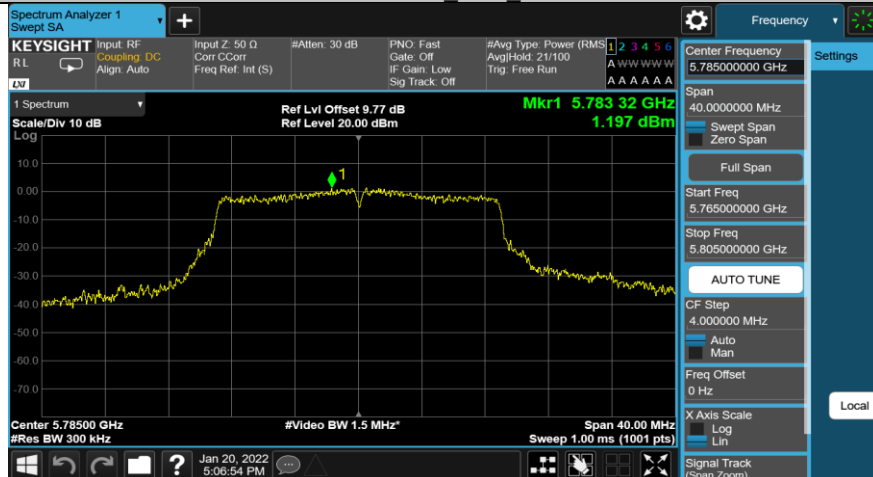
11A Ant1 5825

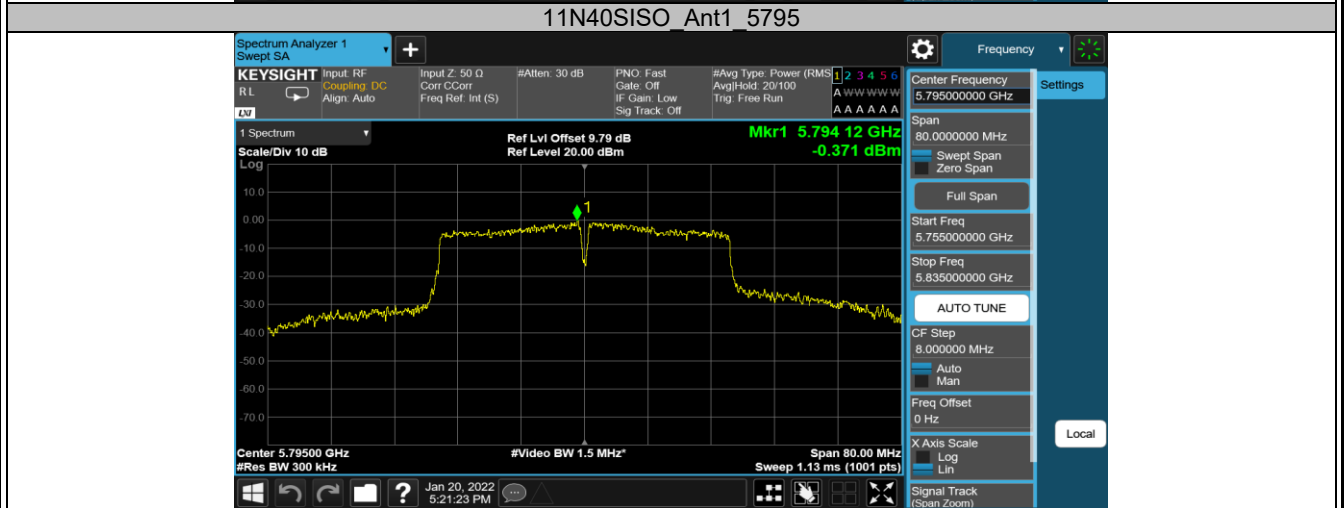


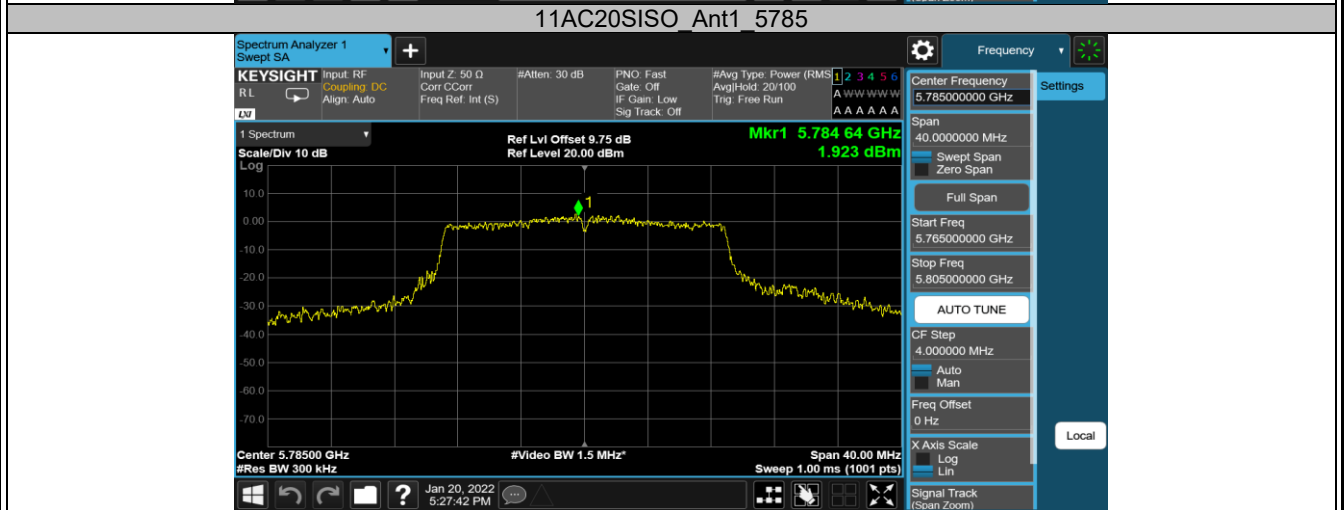
11N20SISO Ant1 5745



11N20SISO Ant1 5785





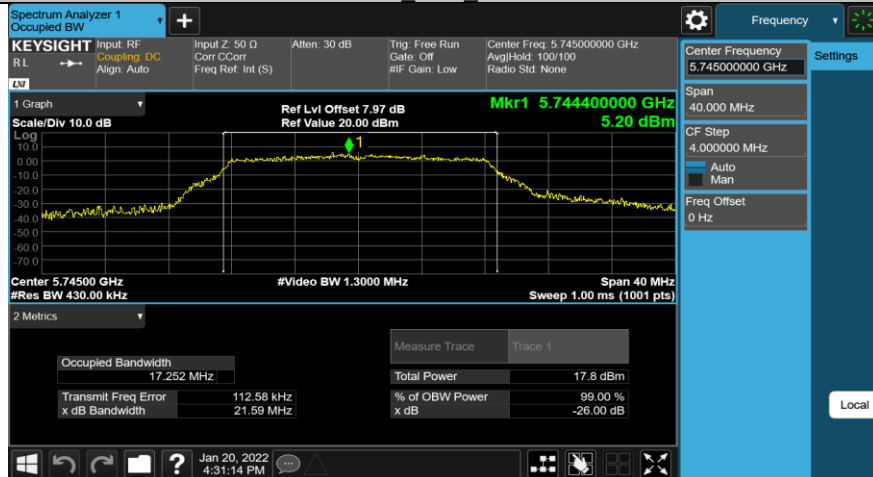




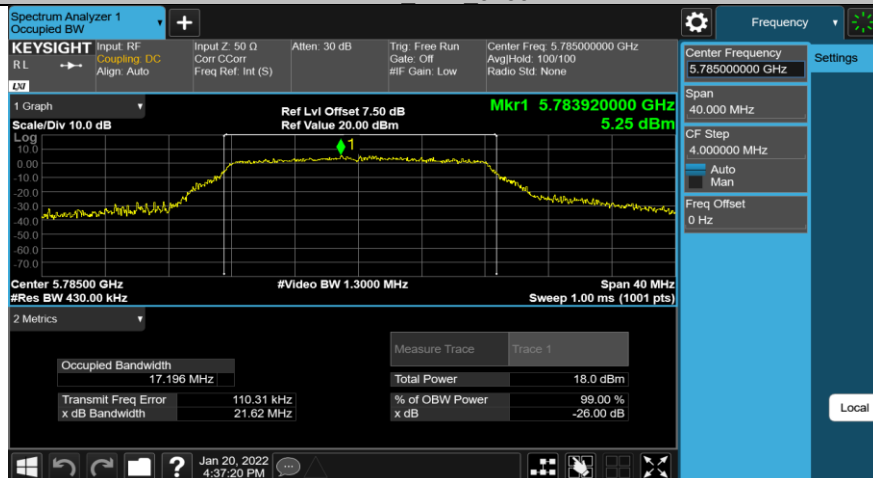
Appendix A.2: Test Results of 99% Bandwidth

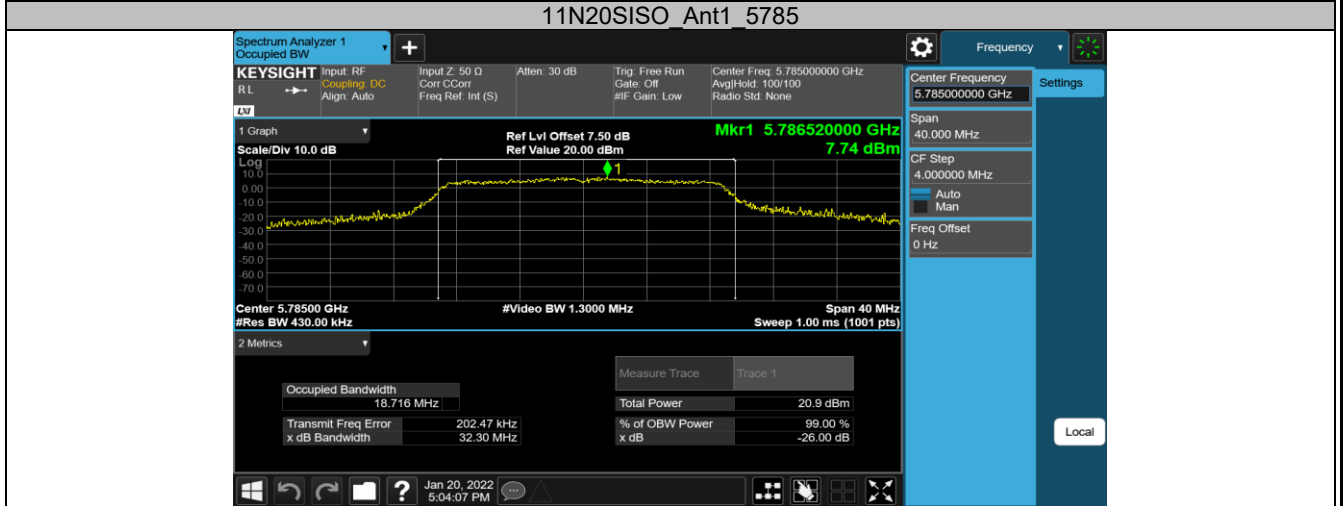
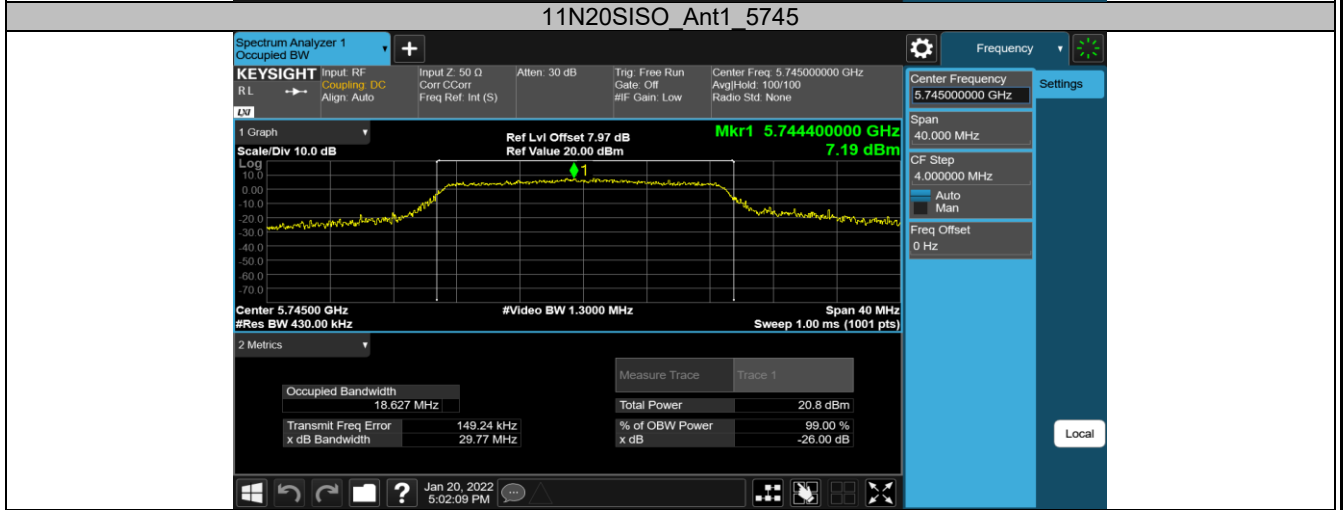
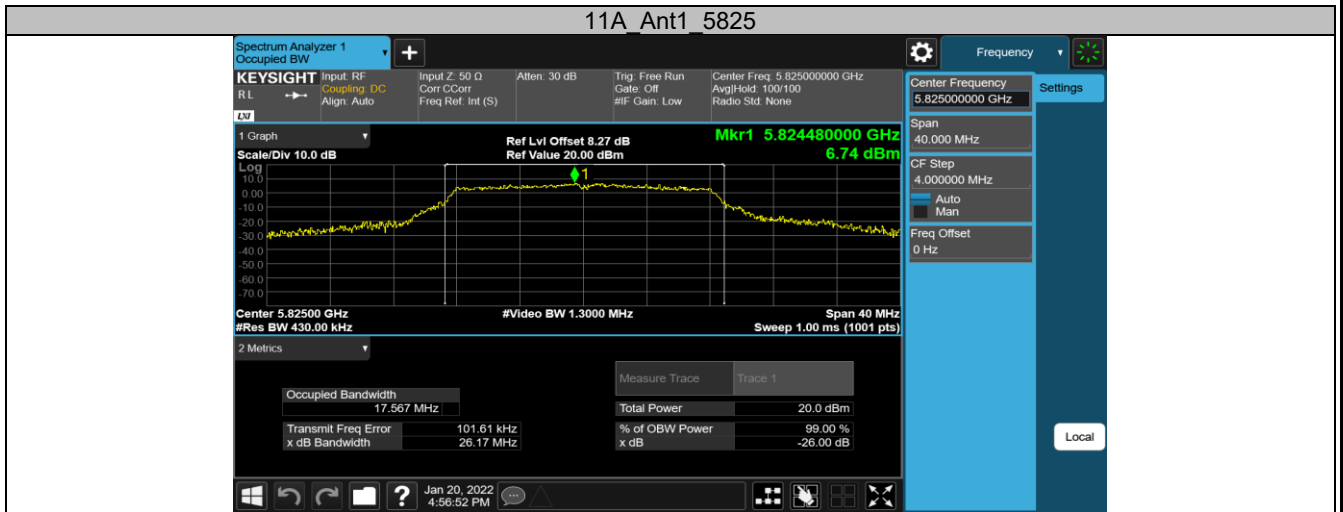
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.252	5736.487	5753.739	---	PASS
		5785	17.196	5776.512	5793.708	---	PASS
		5825	17.567	5816.318	5833.885	---	PASS
11N20SISO	Ant1	5745	18.627	5735.836	5754.463	---	PASS
		5785	18.716	5775.844	5794.560	---	PASS
		5825	18.788	5815.740	5834.528	---	PASS
11N40SISO	Ant1	5755	36.424	5736.906	5773.330	---	PASS
		5795	36.396	5776.919	5813.315	---	PASS
11AC20SISO	Ant1	5745	18.199	5735.977	5754.176	---	PASS
		5785	18.223	5775.929	5794.152	---	PASS
		5825	18.351	5815.894	5834.245	---	PASS
11AC40SISO	Ant1	5755	36.298	5736.903	5773.201	---	PASS
		5795	36.334	5776.929	5813.263	---	PASS
11AC80SISO	Ant1	5775	76.830	5737.095	5813.925	---	PASS

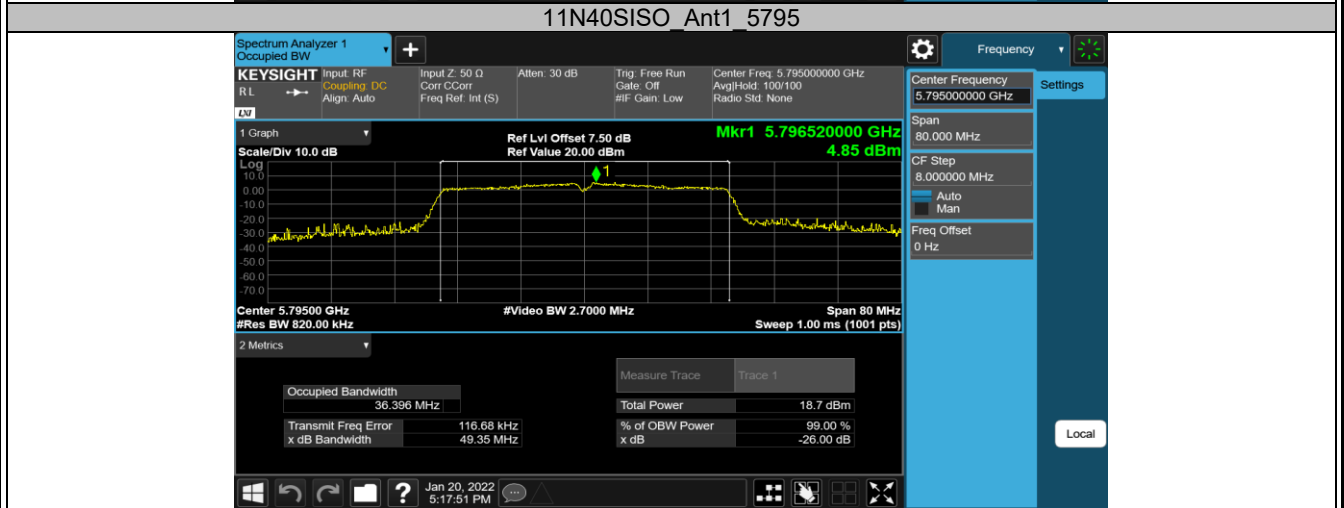
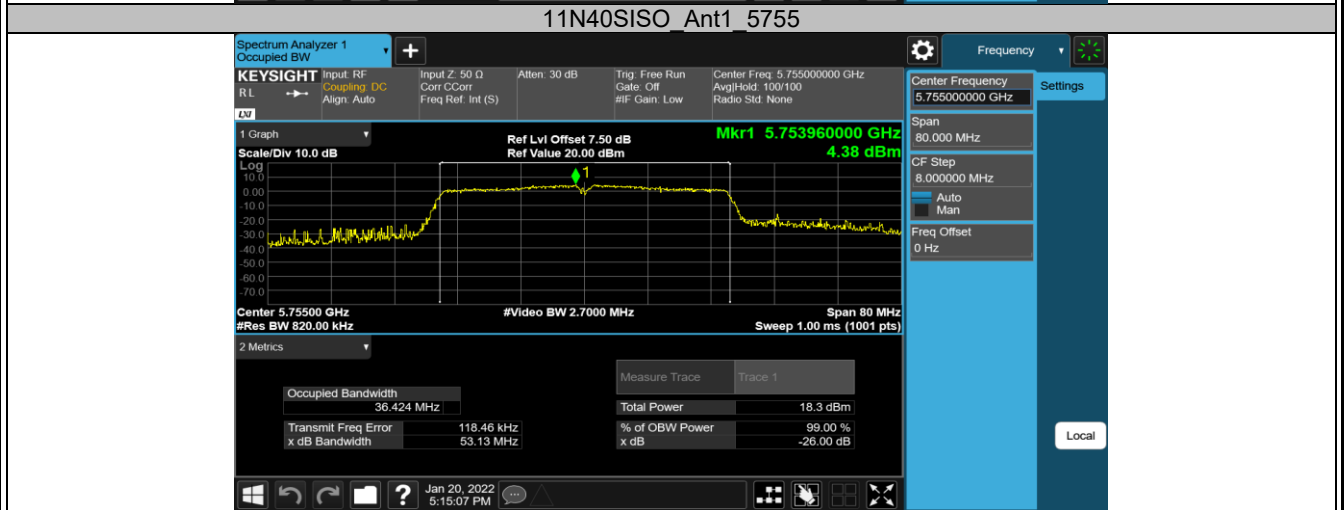
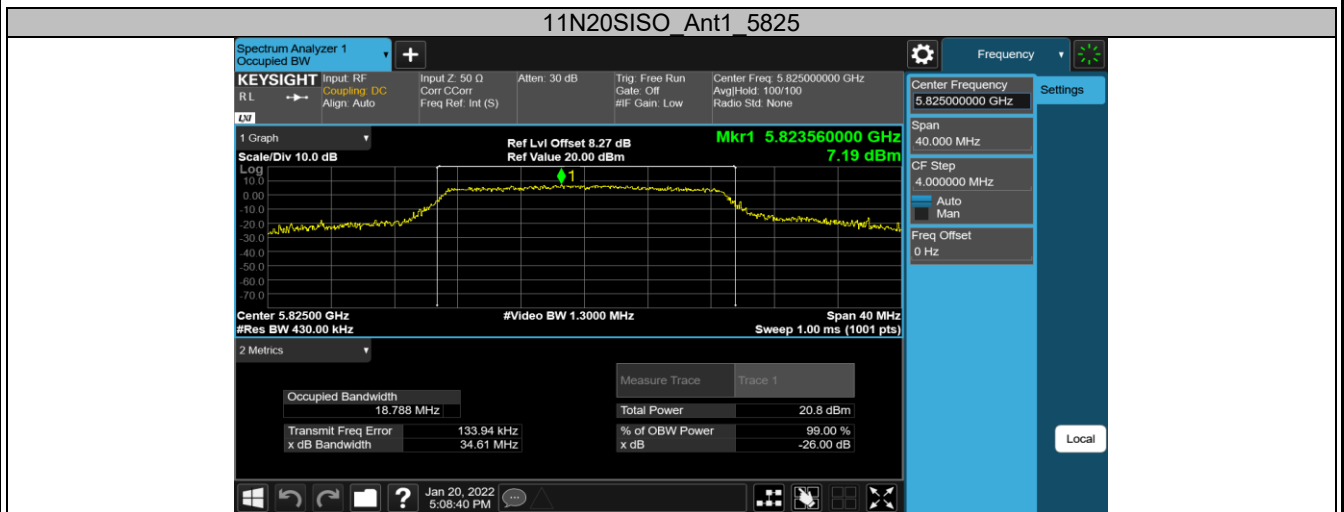
11A Ant1 5745

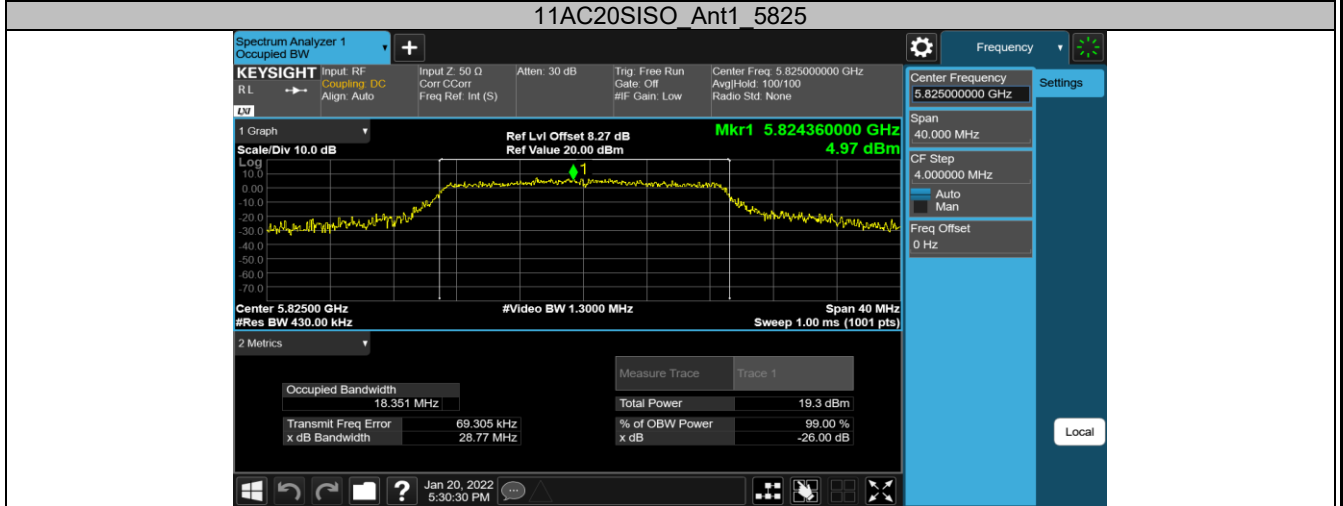
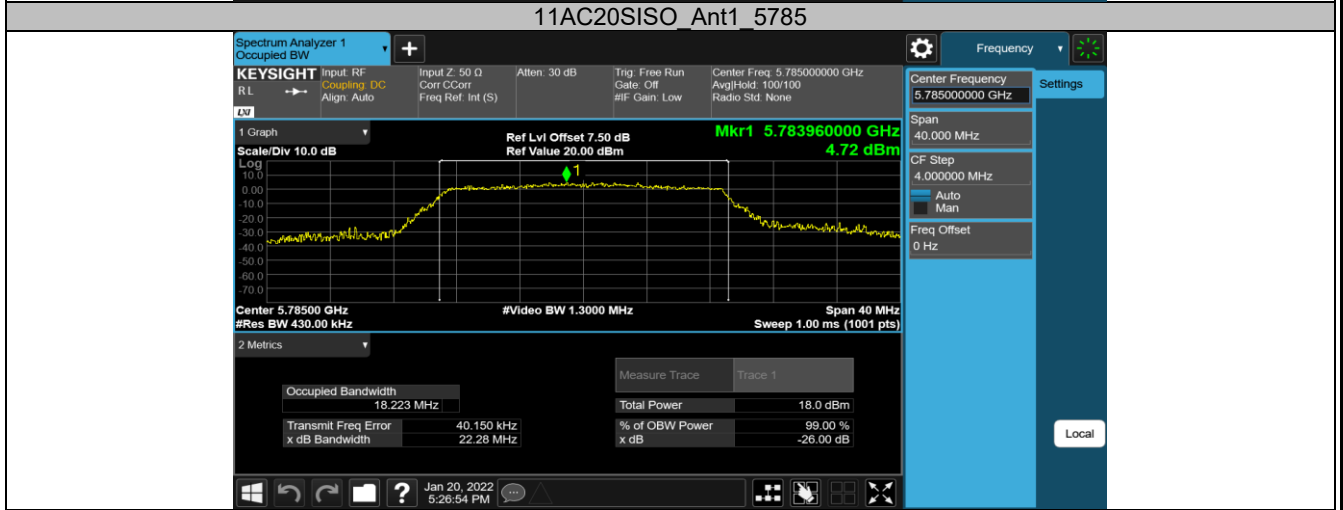
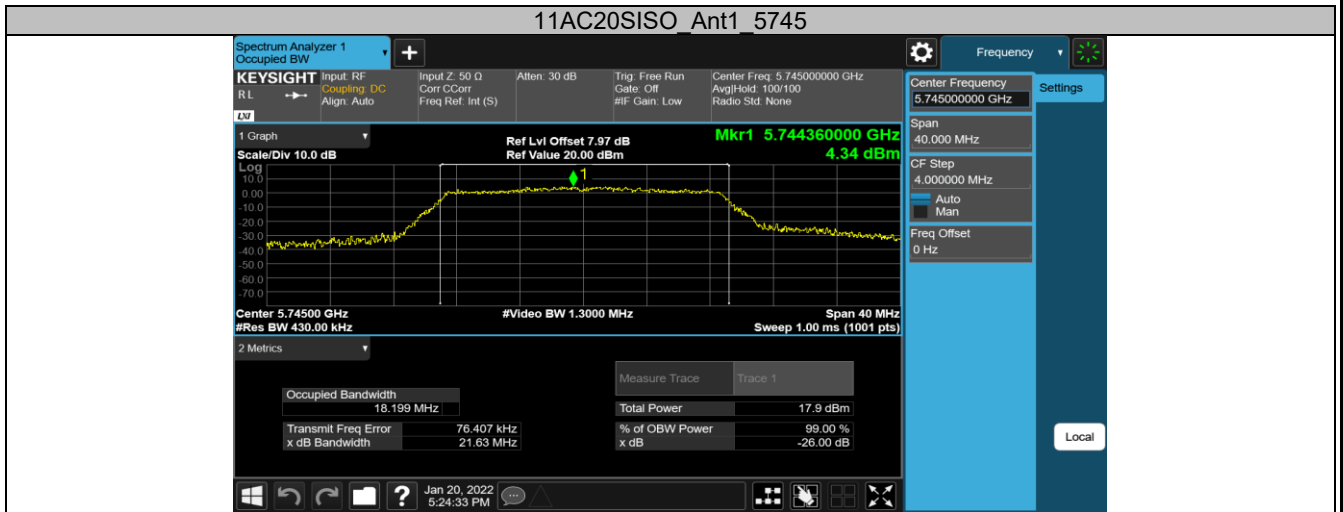


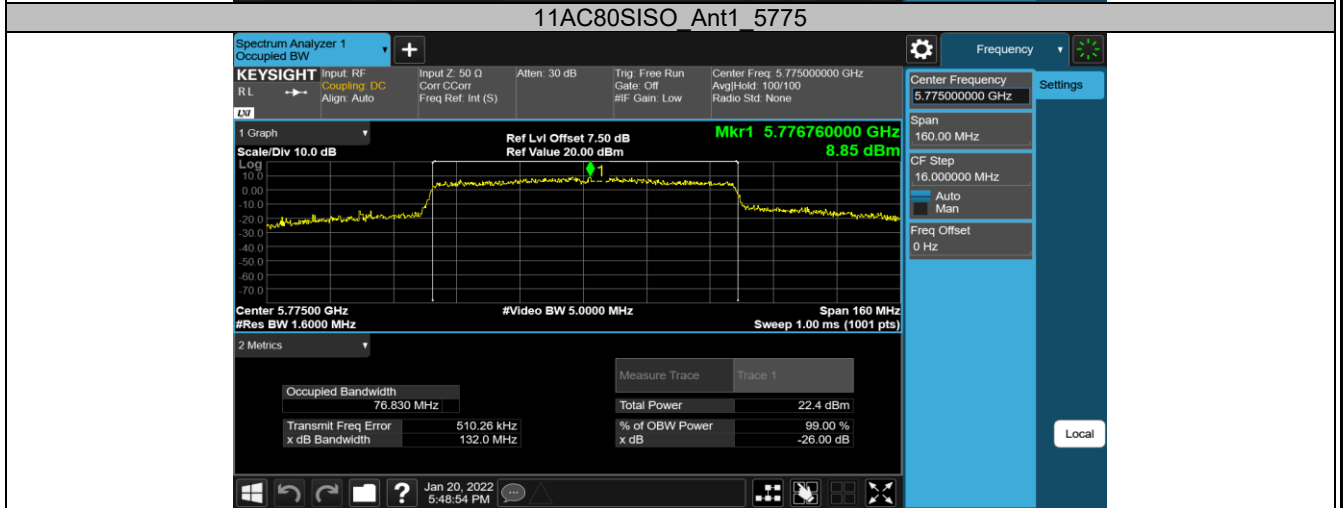
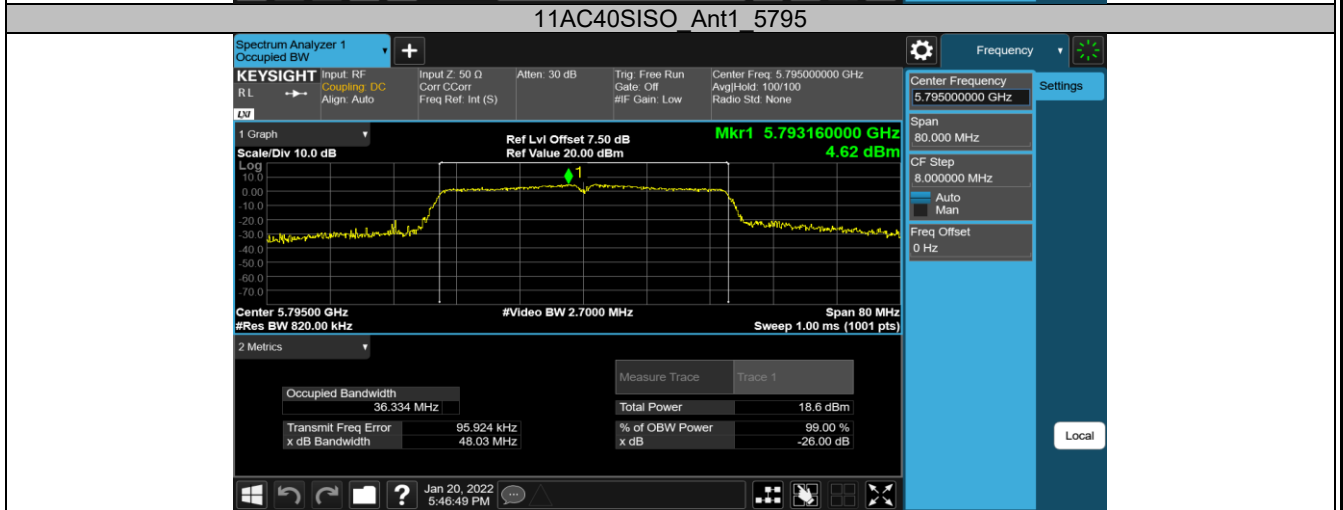
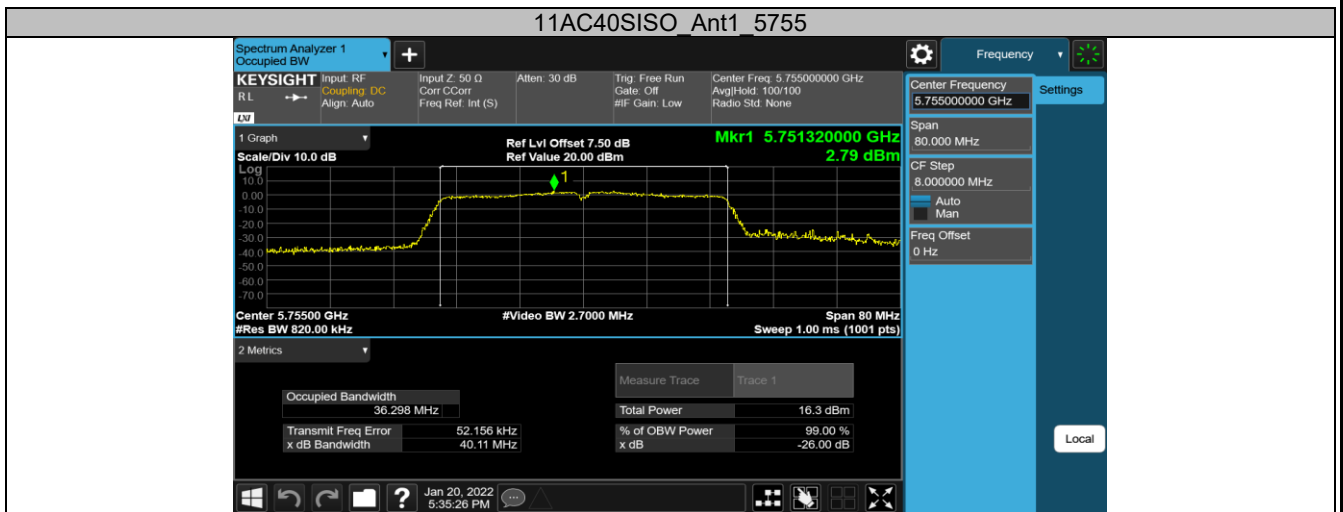
11A Ant1 5785











Appendix A.3: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.160	5737.000	5753.160	0.5	PASS
		5785	16.000	5777.160	5793.160	0.5	PASS
		5825	16.280	5816.880	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.200	5753.840	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.120	5816.280	5833.400	0.5	PASS
11N40SISO	Ant1	5755	33.200	5739.960	5773.160	0.5	PASS
		5795	35.280	5777.480	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	16.480	5736.680	5753.160	0.5	PASS
		5785	17.640	5776.200	5793.840	0.5	PASS
		5825	17.640	5816.200	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.000	5737.160	5773.160	0.5	PASS
		5795	35.760	5777.400	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS

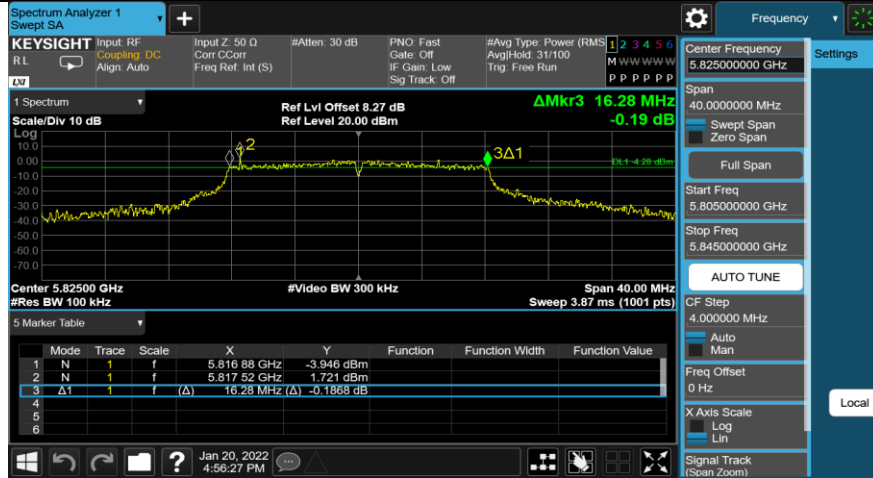
11A Ant1 5745



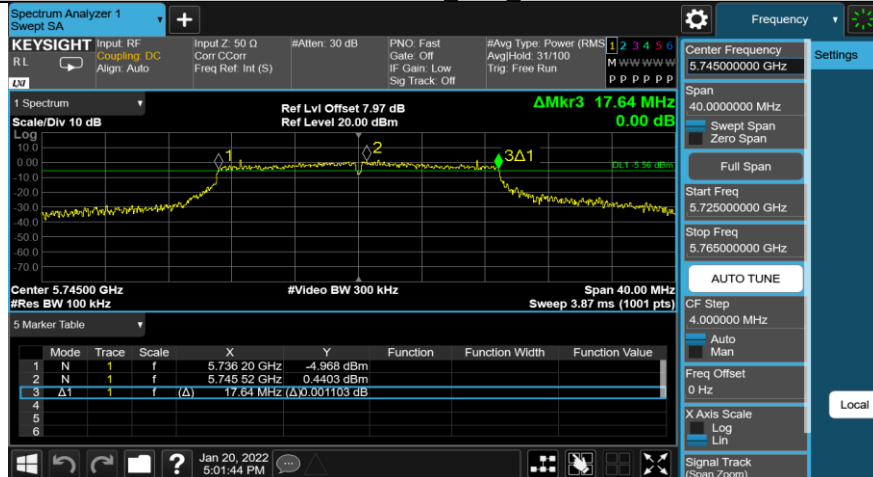
11A Ant1 5785



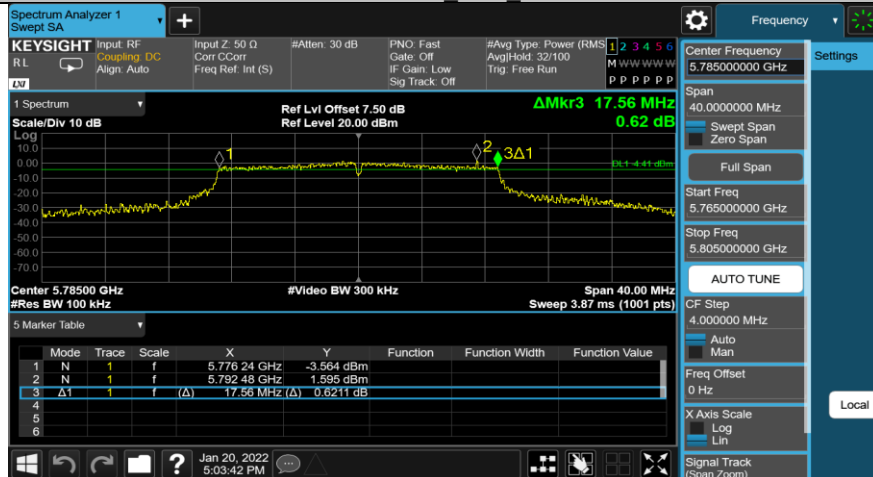
11A_Ant1_5825



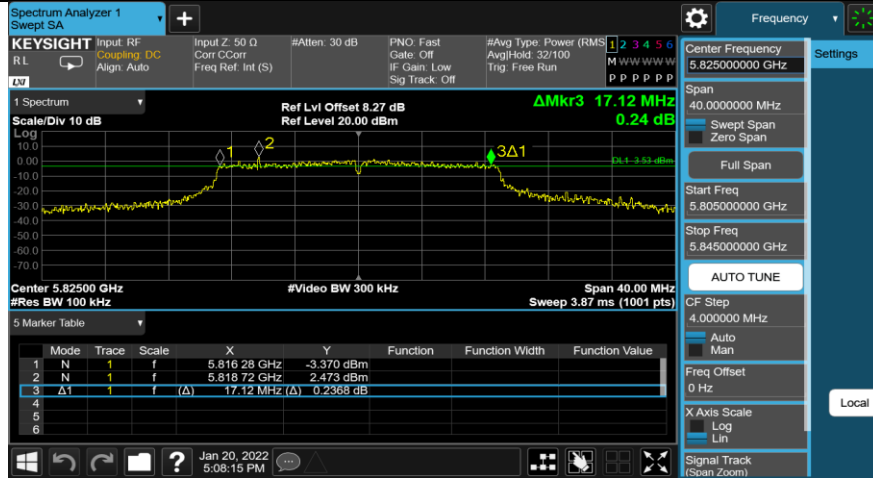
11N20SISO_Ant1_5745



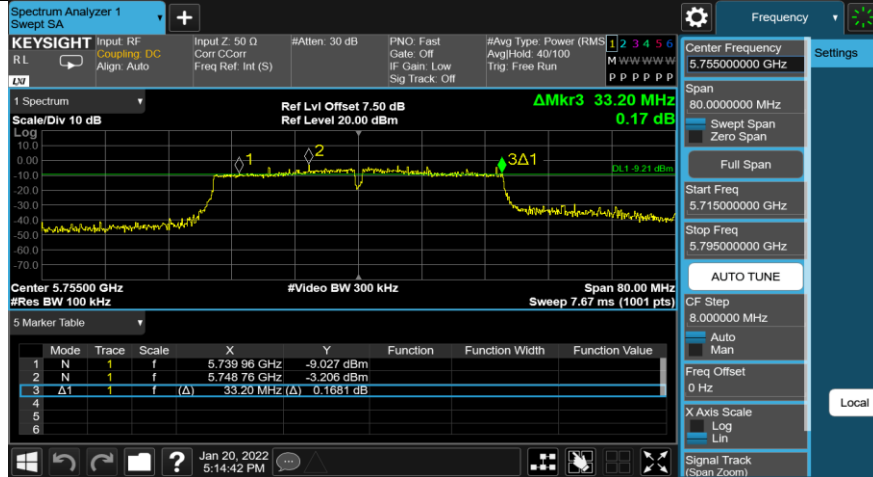
11N20SISO_Ant1_5785



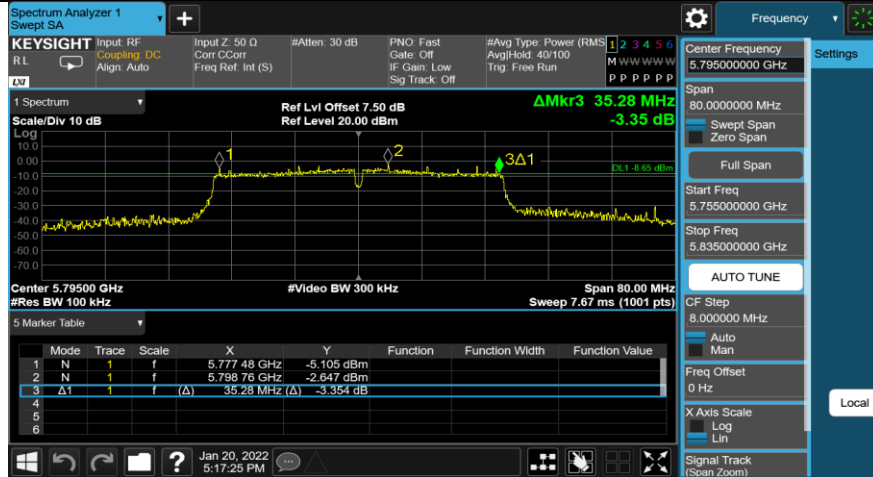
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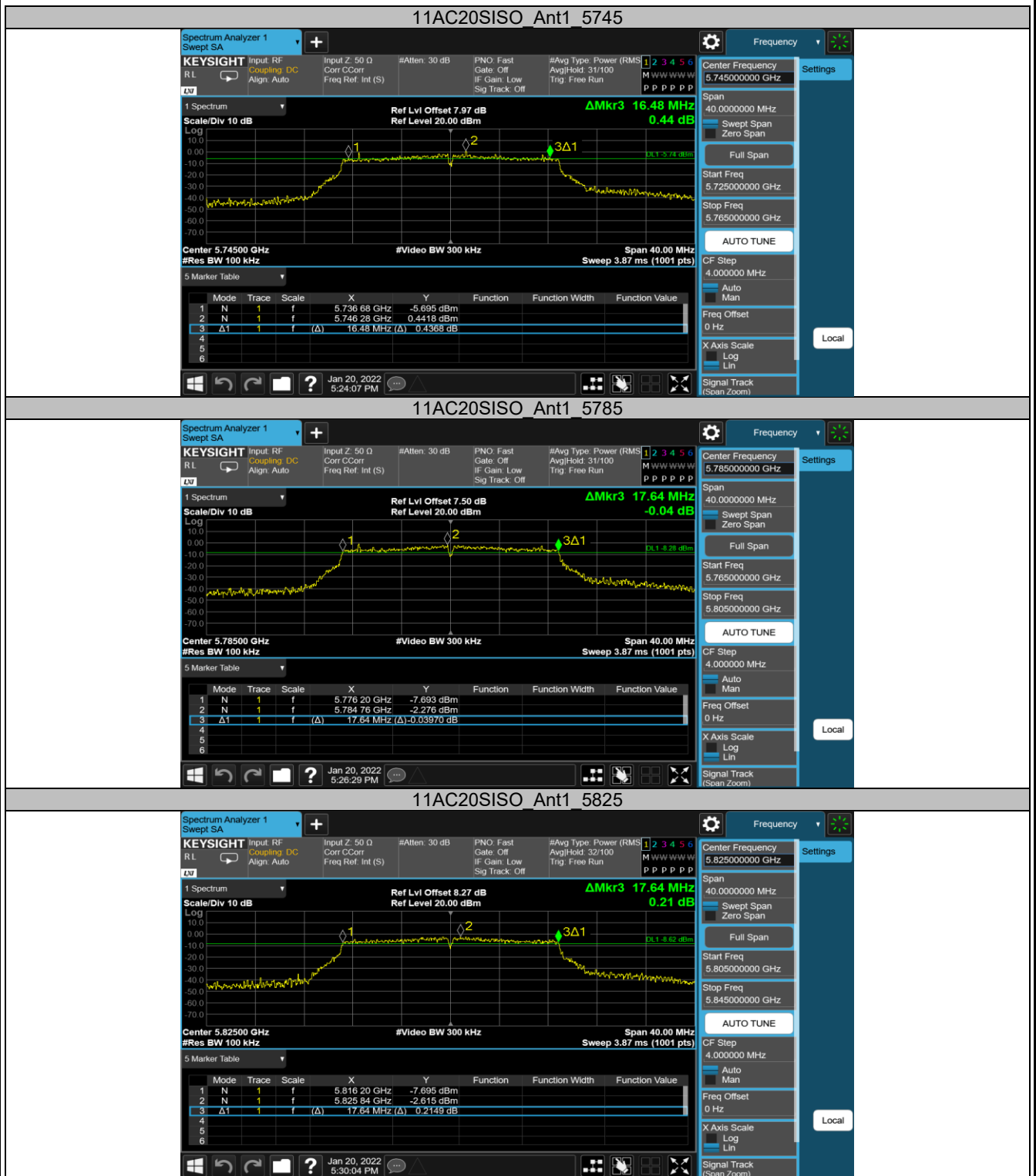


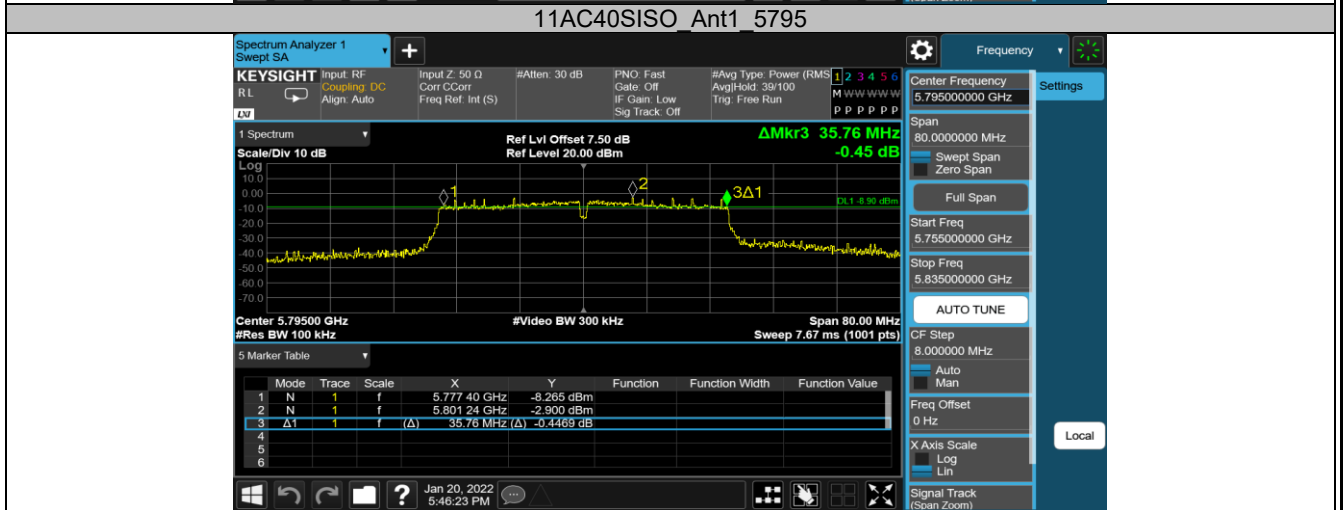
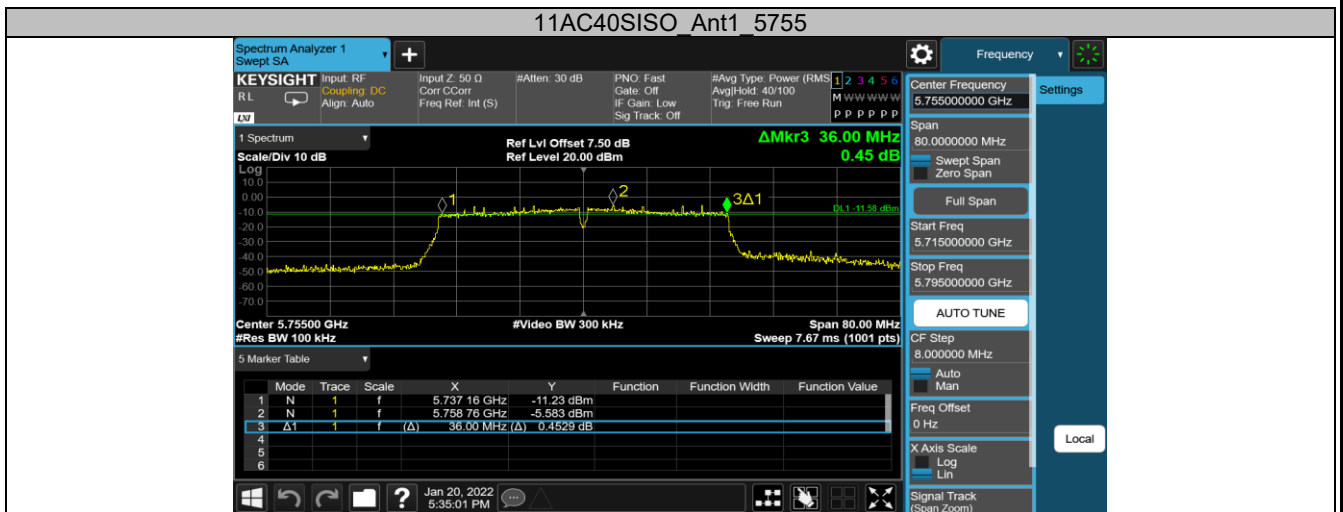
11N40SISO Ant1 5755



11N40SISO Ant1 5795

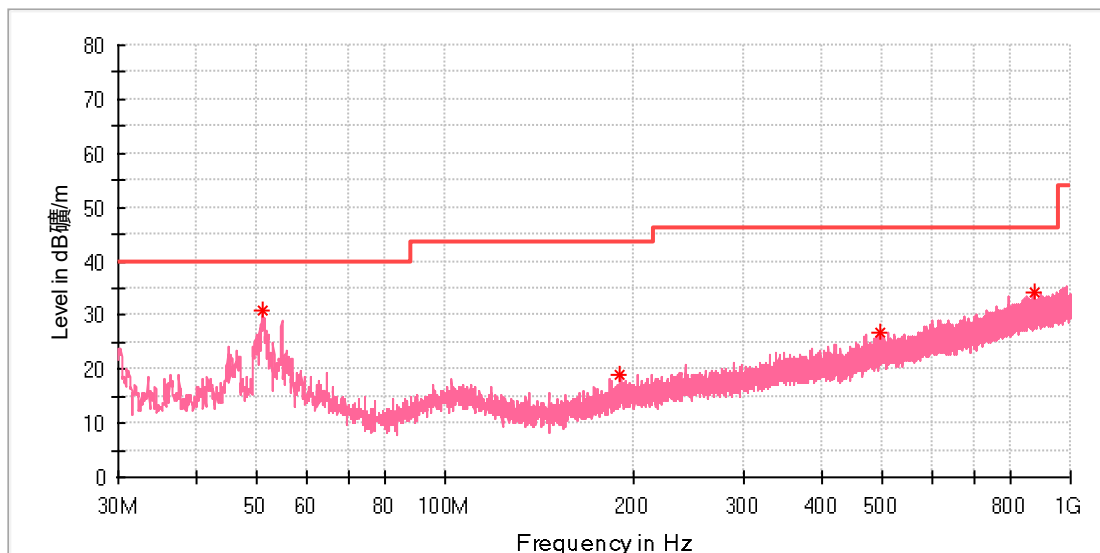






EUT Information

EUT Name: DJI Mini 2
 Model: MT2WD
 Test Mode: WIFI 5.8G_11a_Ch157
 Order No/Sample No: 168341845/A003199792-010
 Test Voltage:: Battery
 Remark: Temp 22 Humi:55%
 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)
51.000500	30.85	40.00	9.15	100.0	V	0.0	-18.3
190.632000	19.14	43.50	24.36	100.0	V	355.0	-19.5
495.939500	26.90	46.00	19.10	100.0	V	240.0	-11.9
877.683000	34.14	46.00	11.86	100.0	V	0.0	-5.2

Final Result

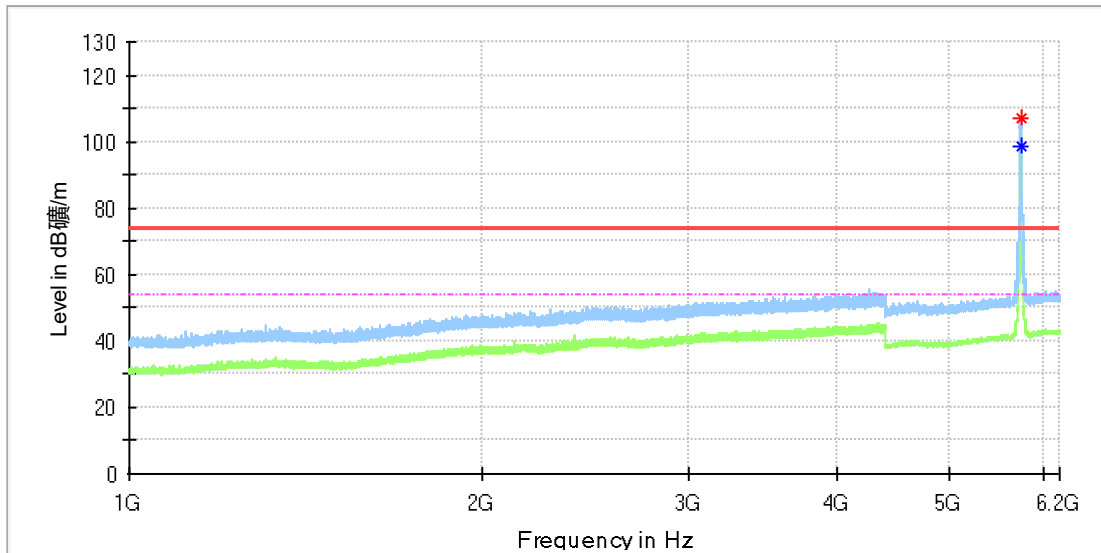
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Above 1GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

EUT Information

EUT Name: DJI Mini 2
 Model: MT2WD
 Test Mode: WIFI 5.8G_11a_Ch149
 Order No/Sample No: 168341845/A003199792-010
 Test Voltage:: Battery
 Remark: Temp 22 Humi:55%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

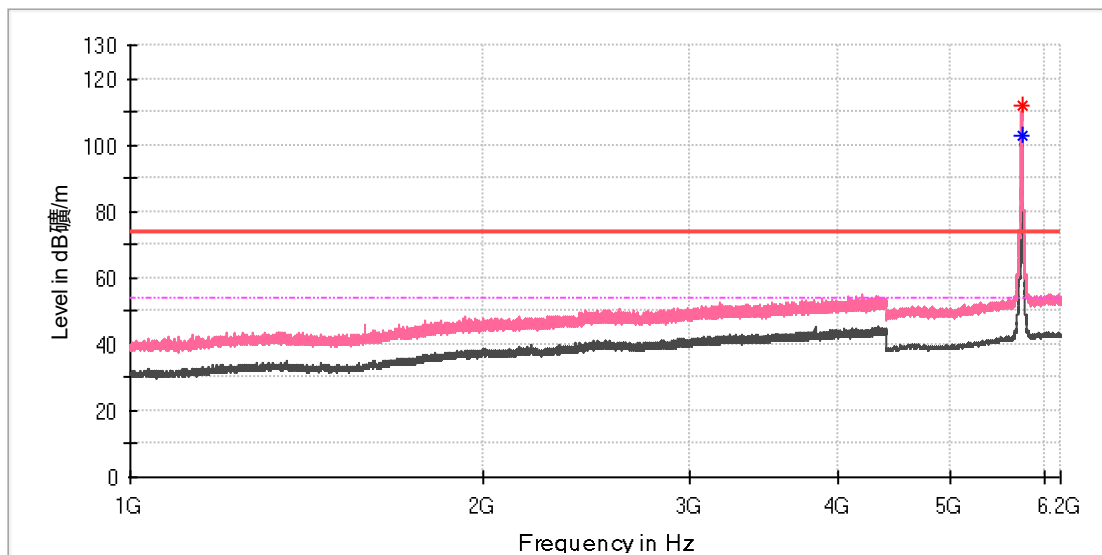
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5746.000000	---	98.51	---	---	100.0	H	167.0	13.9
5747.000000	107.15	---	---	---	100.0	H	167.0	13.9

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 Mini 2
 Model: MT2WD
 Test Mode: WIFI 5.8G_11a_Ch149
 Order No/Sample No: 168341845/A003199792-010
 Test Voltage:: Battery
 Remark: Temp 22 Humi:55%
 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)
5746.500000	---	102.91	---	---	100.0	V	90.0	13.9
5747.000000	111.72	---	---	---	100.0	V	90.0	13.9

Final Result

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