

Appendix A: Test Results of 5.8GHz Wi-Fi

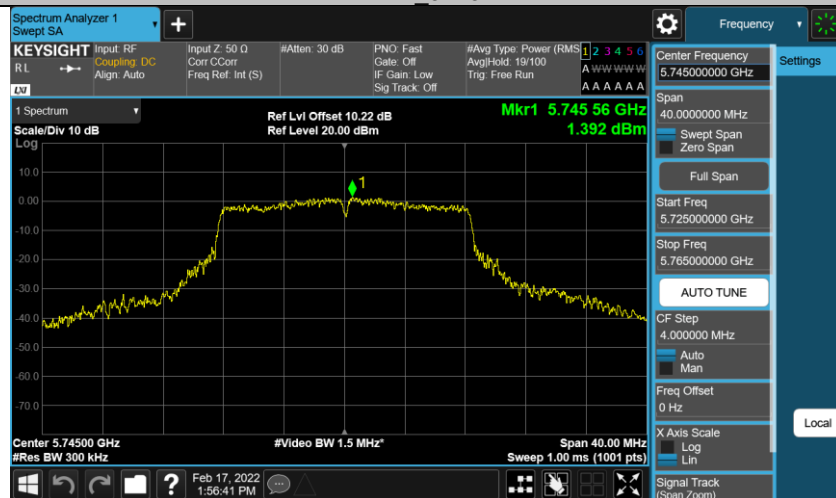
APPENDIX A: TEST RESULTS OF 5.8GHZ WI-FI.....	1
APPENDIX A.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY.....	2
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH.....	7
APPENDIX A.3: TEST RESULTS OF 6DB BANDWIDTH	13
APPENDIX A.4: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	18
30MHz - 1GHz.....	18
Above 1GHz.....	20

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

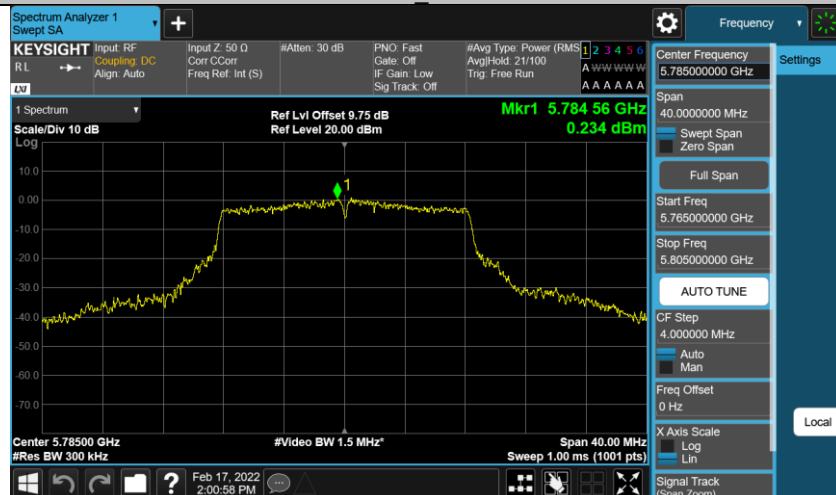
TestMode	Channel	Result [dBm/300KHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	5745	1.39	3.608	≤30	PASS
	5785	0.23	2.448	≤30	PASS
	5825	2.34	4.558	≤30	PASS
11N20	5745	1.98	4.198	≤30	PASS
	5785	2.14	4.358	≤30	PASS
	5825	2.70	4.918	≤30	PASS
11N40	5755	-0.03	2.188	≤30	PASS
	5795	0.01	2.228	≤30	PASS
11AC20	5745	2.28	4.498	≤30	PASS
	5785	2.11	4.328	≤30	PASS
	5825	2.68	4.898	≤30	PASS
11AC40	5755	-1.42	0.798	≤30	PASS
	5795	-0.39	1.828	≤30	PASS
11AC80	5775	-4.02	-1.802	≤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_5745



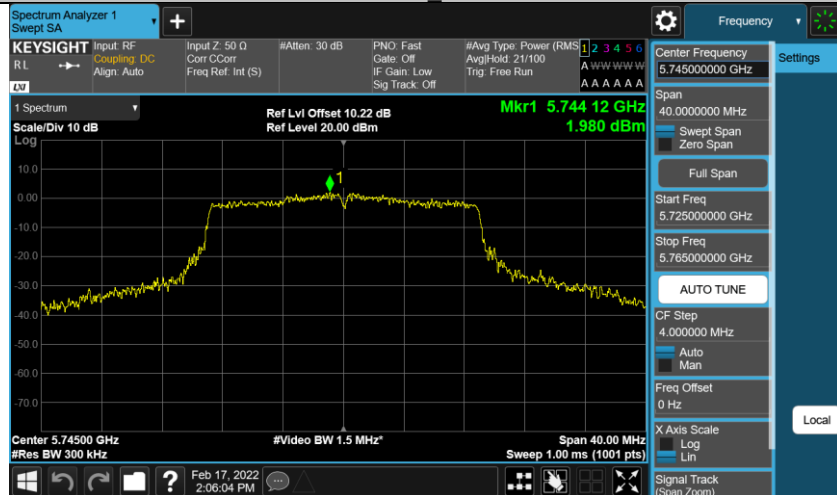
11A_5785



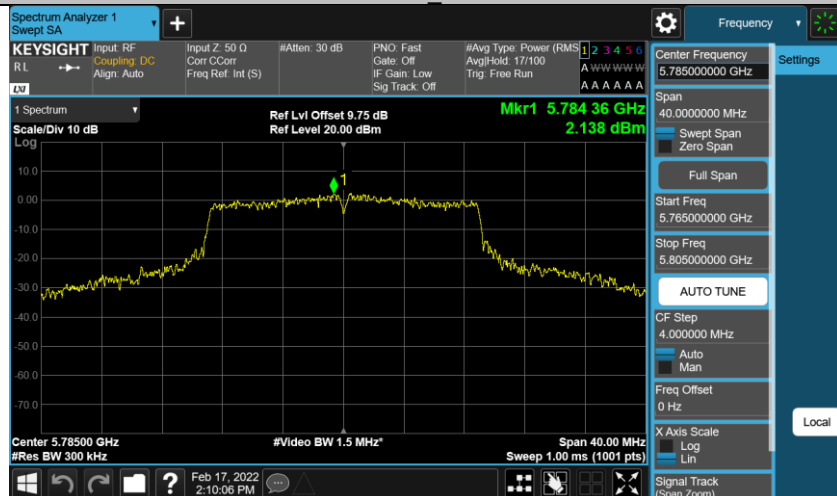
11A 5825



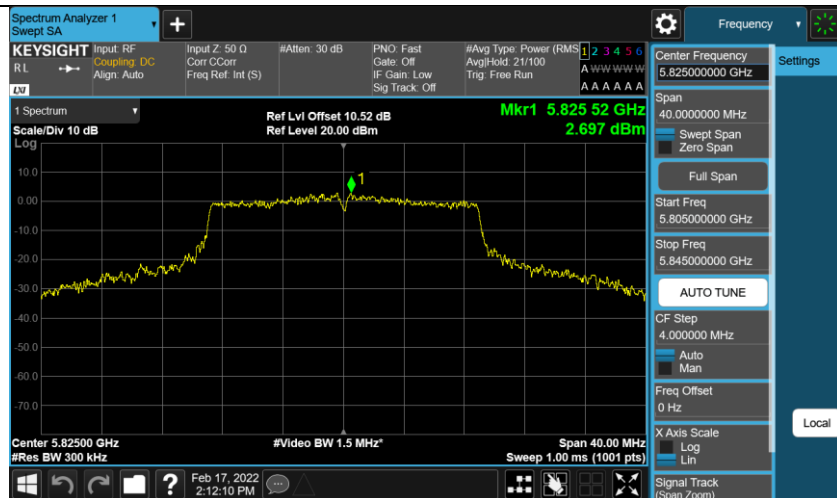
11N20 5745



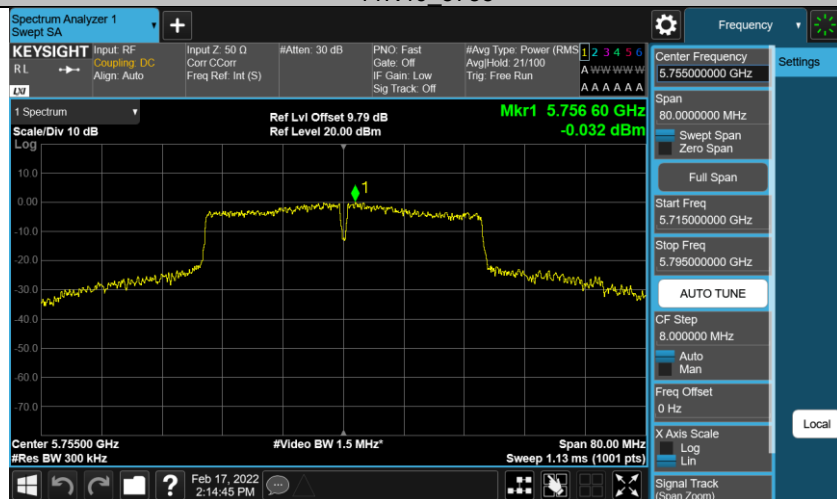
11N20 5785



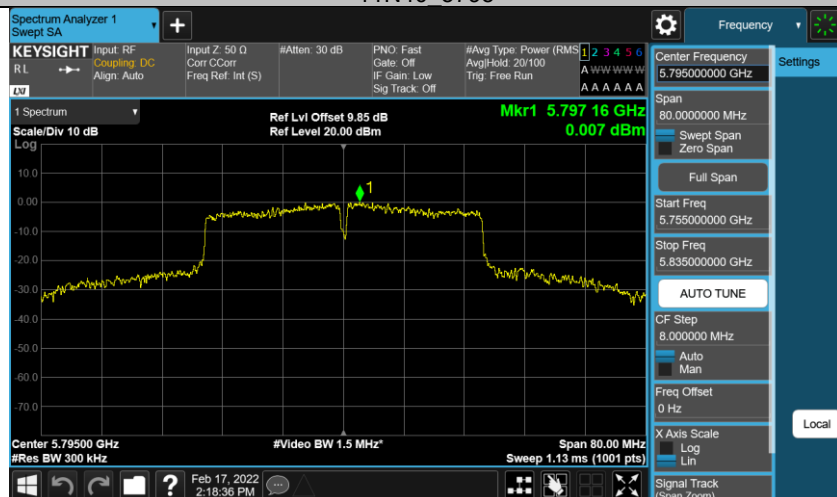
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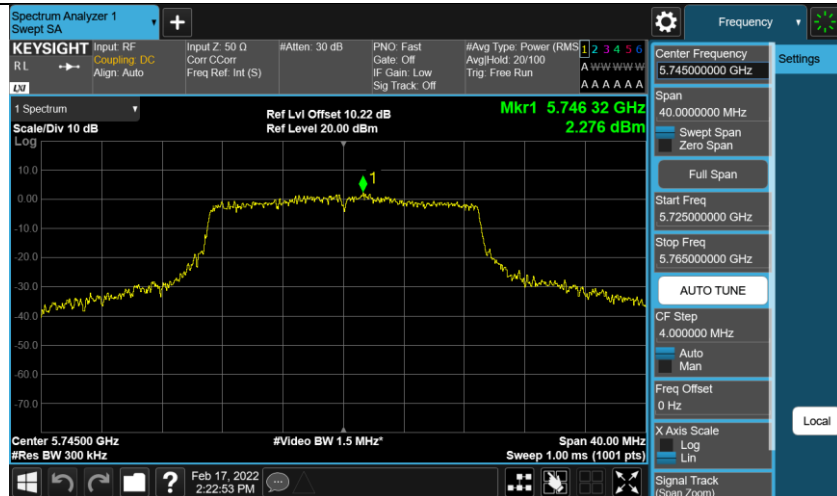
11N40 5755



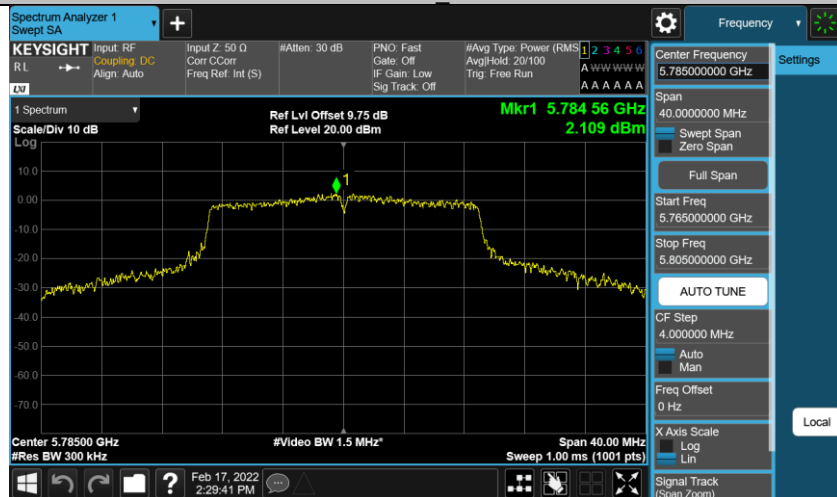
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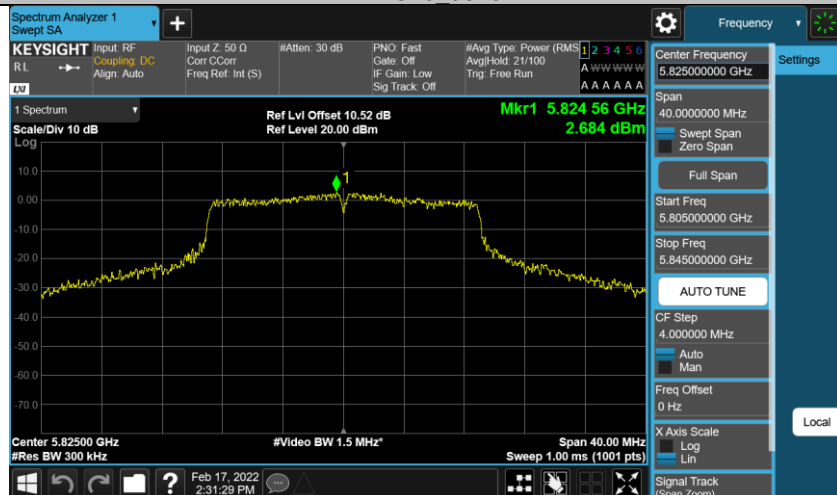
11AC20 5745



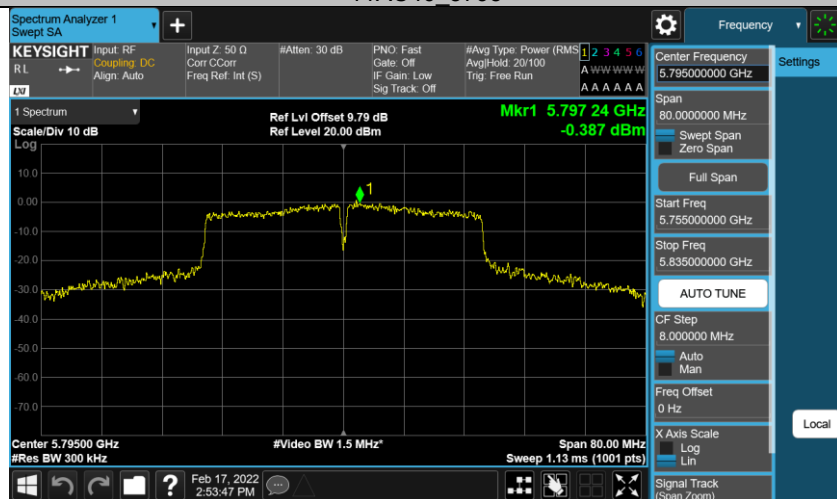
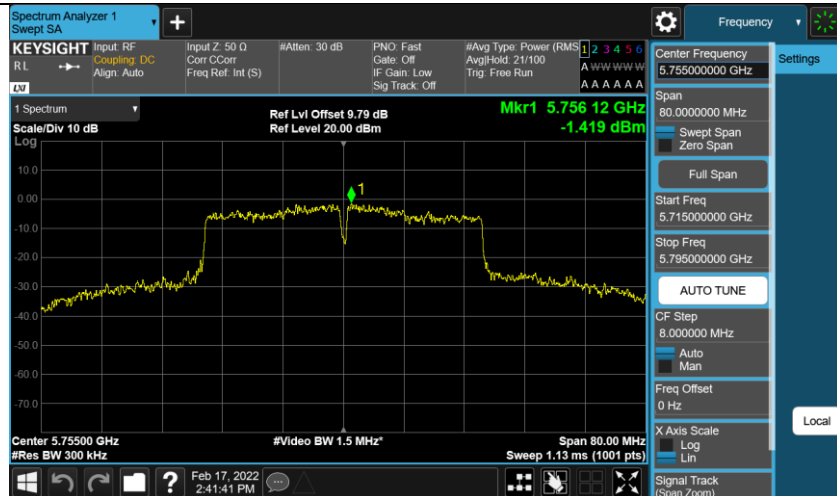
11AC20_5785



11AC20_5825



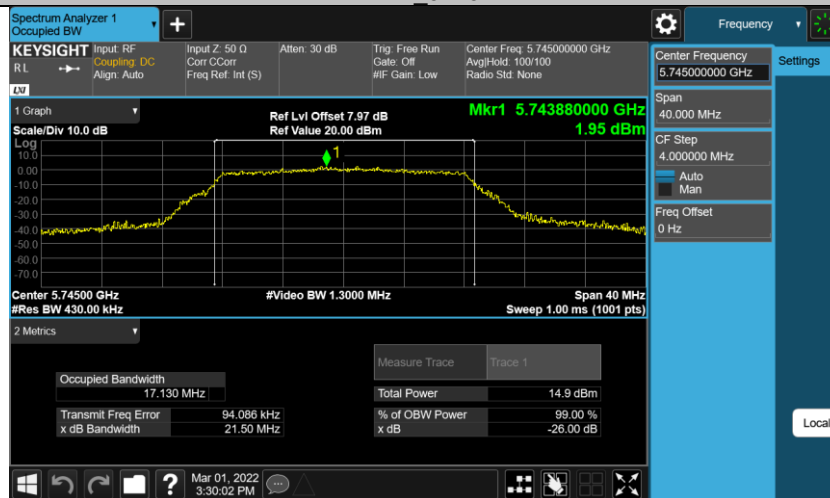
11AC40_5755



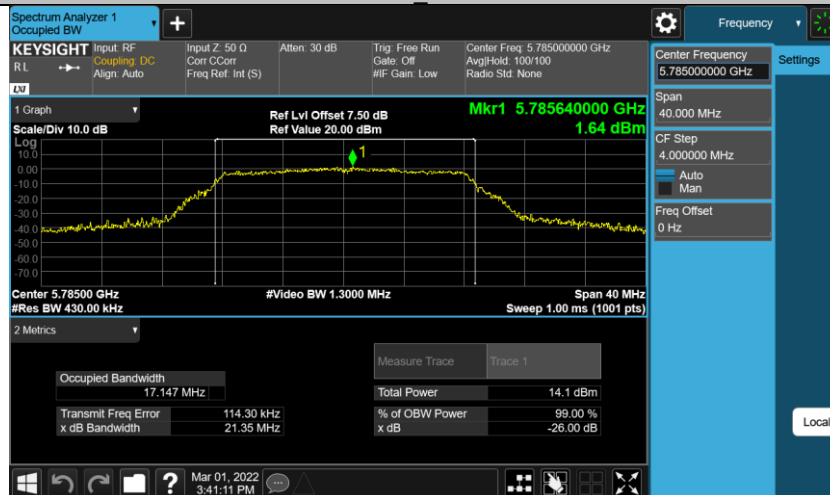
Appendix A.2: Test Results of 99% Bandwidth

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5745	17.130	5736.529	5753.659	---	PASS
	5785	17.147	5776.541	5793.688	---	PASS
	5825	17.196	5816.444	5833.640	---	PASS
11N20	5745	18.257	5735.951	5754.208	---	PASS
	5785	18.168	5776.023	5794.191	---	PASS
	5825	18.187	5815.980	5834.167	---	PASS
11N40	5755	36.280	5736.924	5773.204	---	PASS
	5795	36.312	5776.989	5813.301	---	PASS
11AC20	5745	18.176	5736.047	5754.223	---	PASS
	5785	18.263	5776.019	5794.282	---	PASS
	5825	18.222	5815.951	5834.173	---	PASS
11AC40	5755	36.355	5736.938	5773.293	---	PASS
	5795	36.420	5776.920	5813.340	---	PASS
11AC80	5775	75.826	5737.201	5813.027	---	PASS

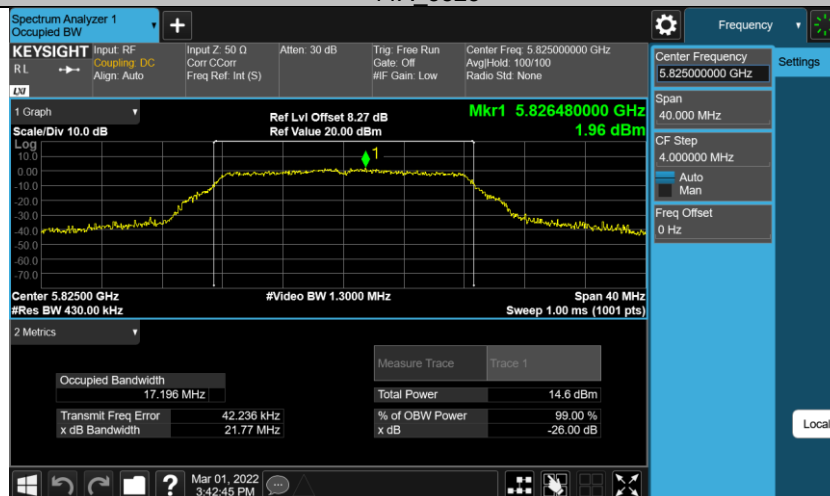
11A_5745



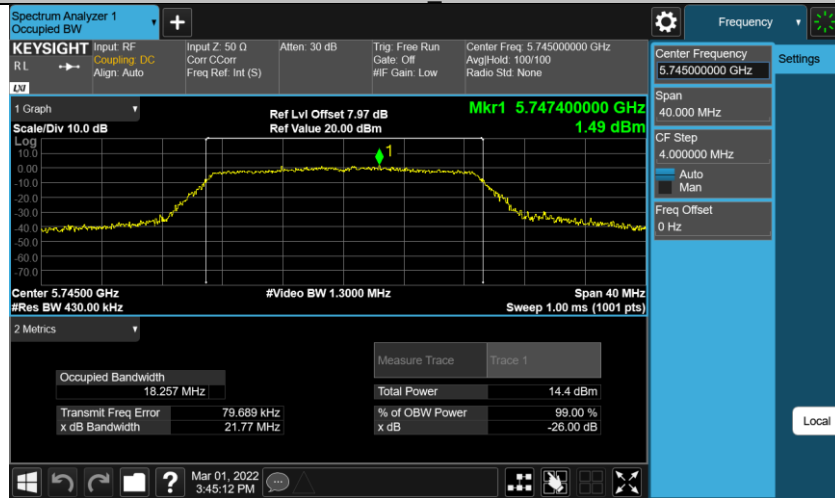
11A_5785



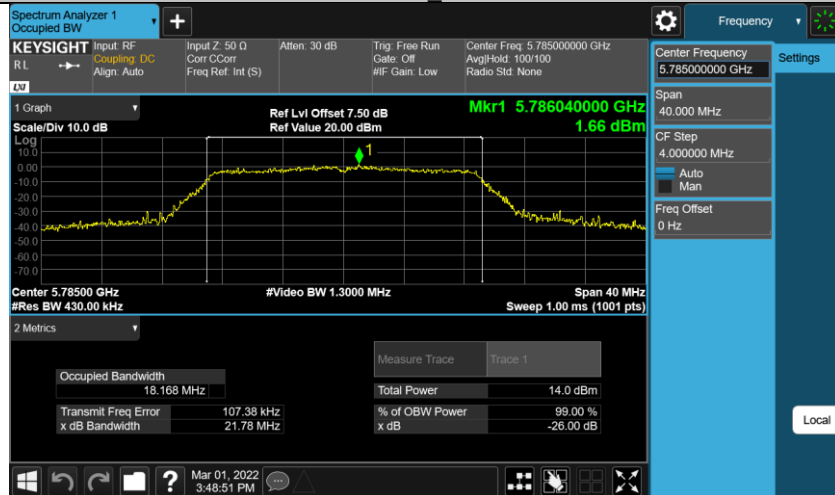
11A_5825



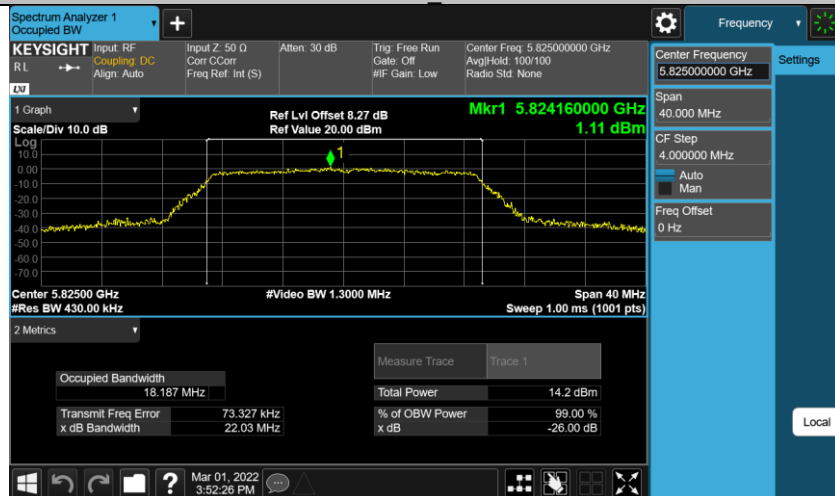
11N20 5745



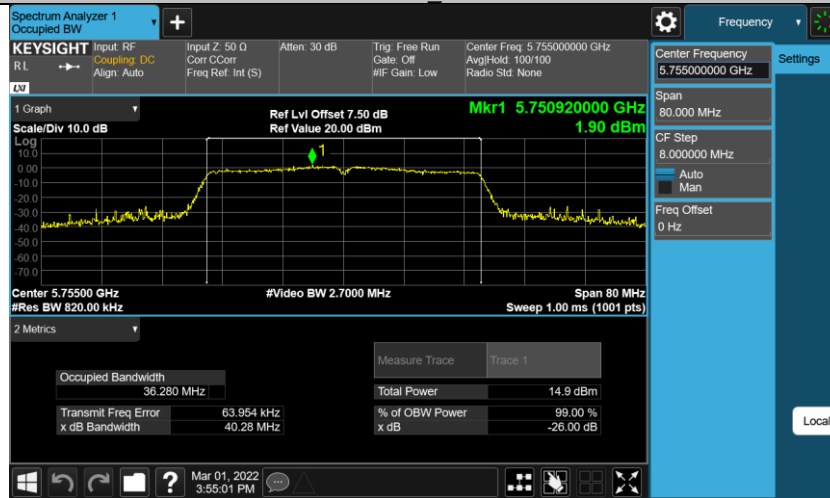
11N20 5785



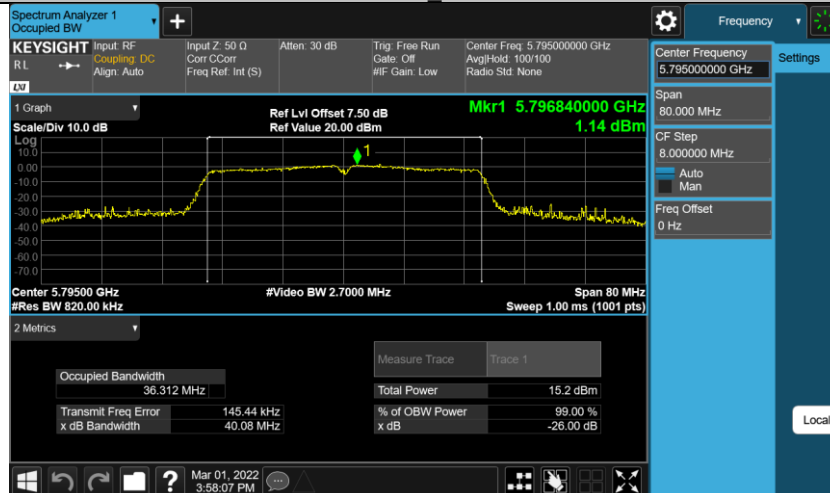
11N20 5825



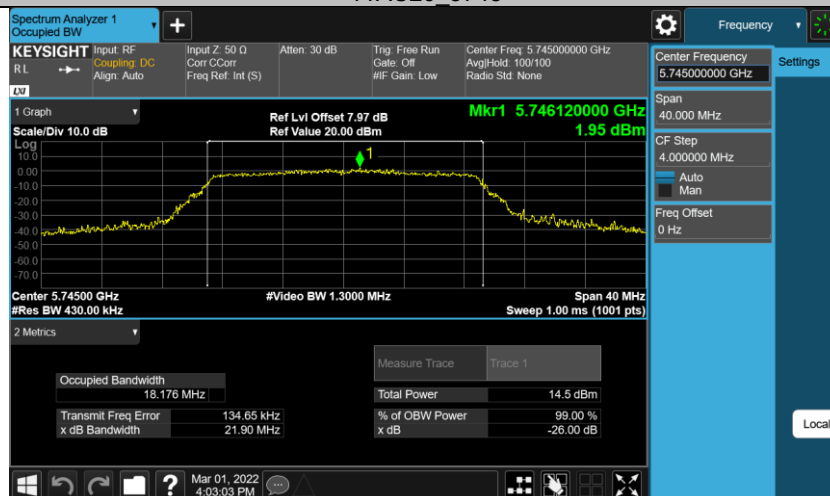
11N40 5755



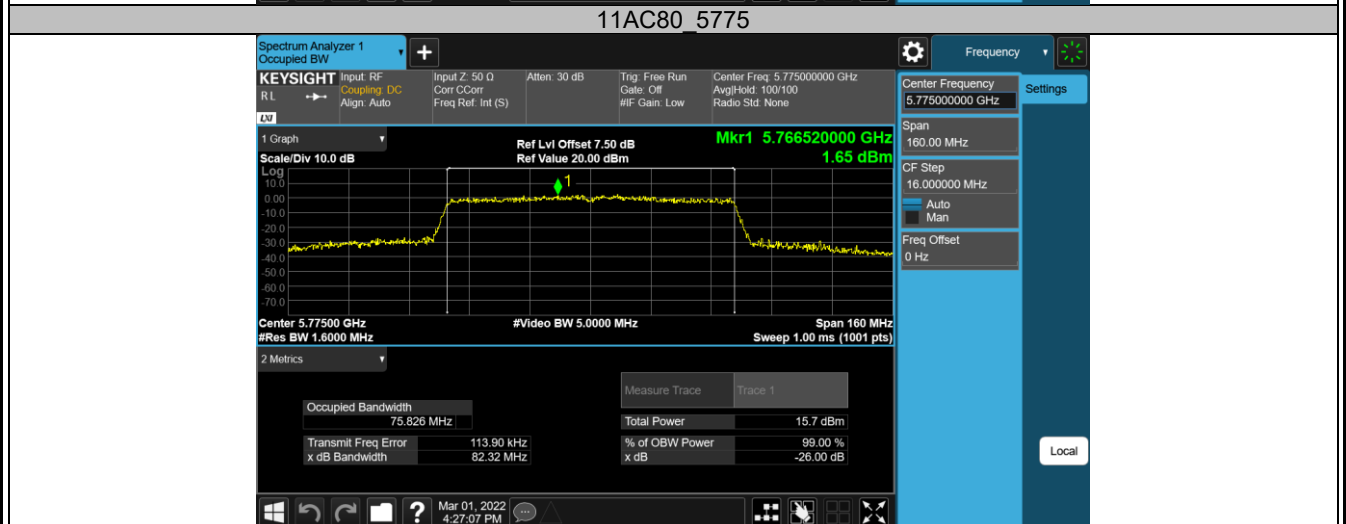
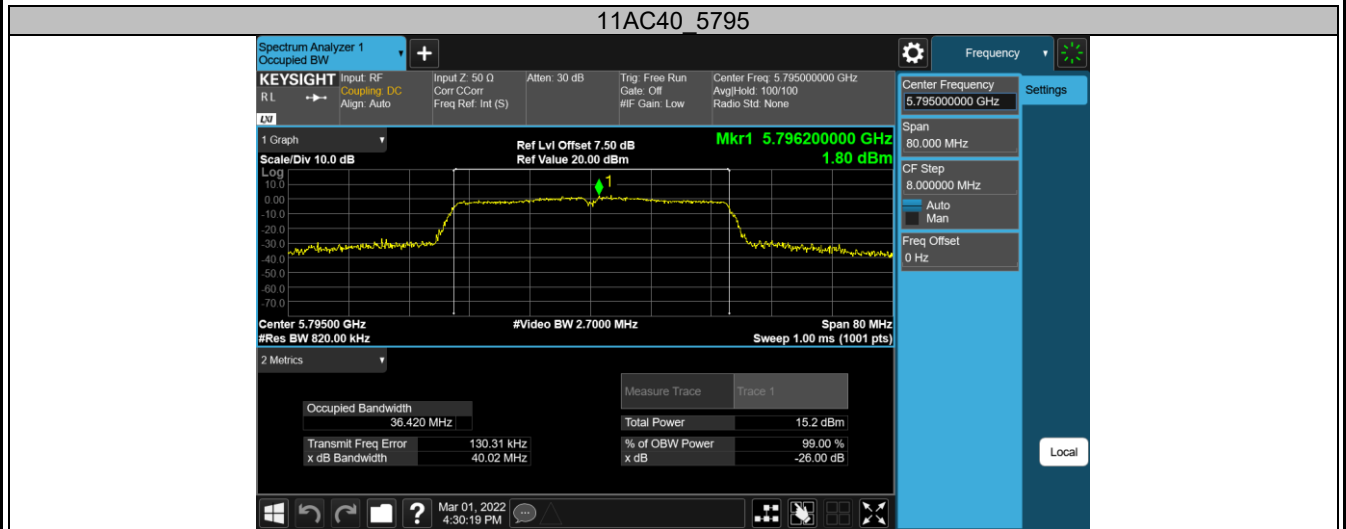
11N40 5795



11AC20 5745







Appendix A.3: Test Results of 6dB Bandwidth

TestMode	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5745	20.960	5734.640	5755.600	0.5	PASS
	5785	21.200	5774.400	5795.600	0.5	PASS
	5825	20.800	5814.720	5835.520	0.5	PASS
11N20	5745	21.360	5734.360	5755.720	0.5	PASS
	5785	21.480	5774.360	5795.840	0.5	PASS
	5825	21.440	5814.280	5835.720	0.5	PASS
11N40	5755	39.280	5735.320	5774.600	0.5	PASS
	5795	39.600	5775.240	5814.840	0.5	PASS
11AC20	5745	21.080	5734.520	5755.600	0.5	PASS
	5785	20.680	5774.760	5795.440	0.5	PASS
	5825	21.360	5814.440	5835.800	0.5	PASS
11AC40	5755	39.360	5735.560	5774.920	0.5	PASS
	5795	39.680	5775.000	5814.680	0.5	PASS
11AC80	5775	80.800	5734.200	5815.000	0.5	PASS

11A_5745



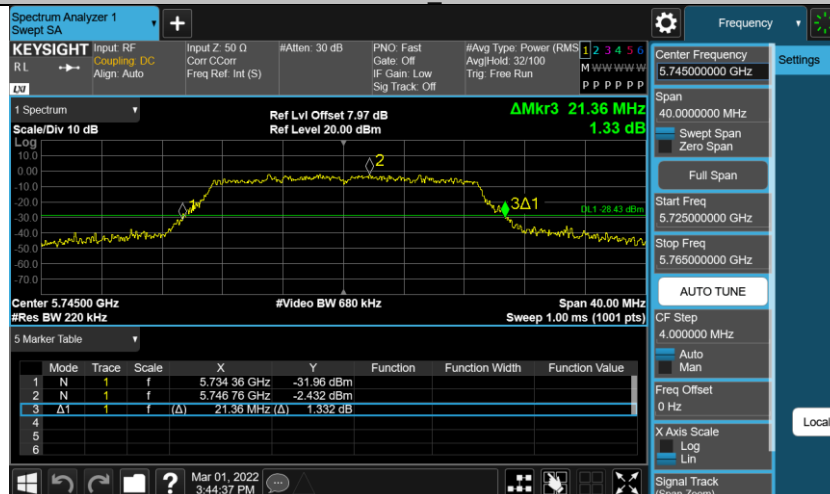
11A_5785



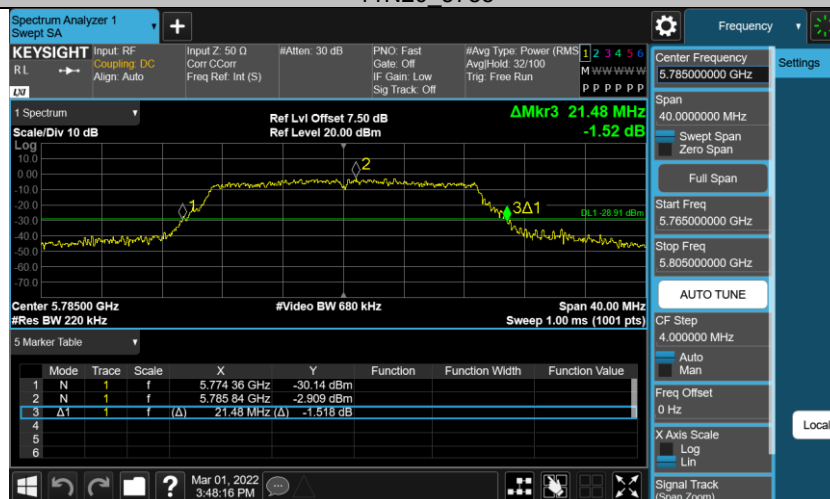
11A 5825



11N20 5745



11N20 5785



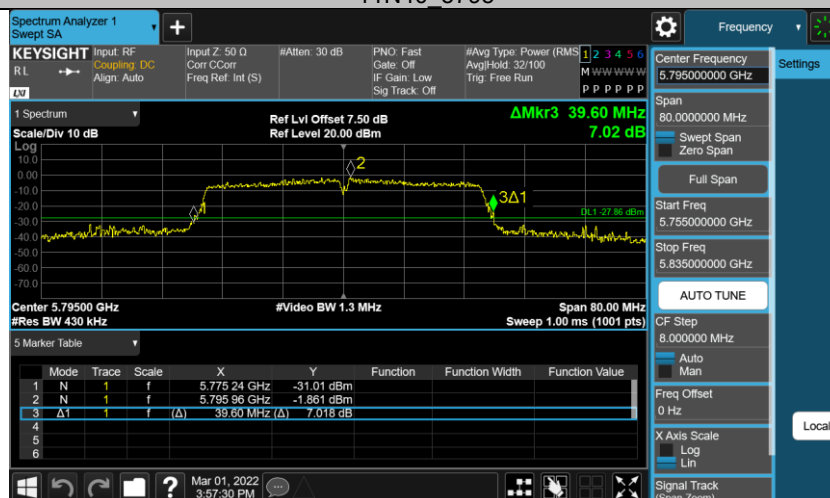
11N20 5825



11N40 5755



11N40 5795



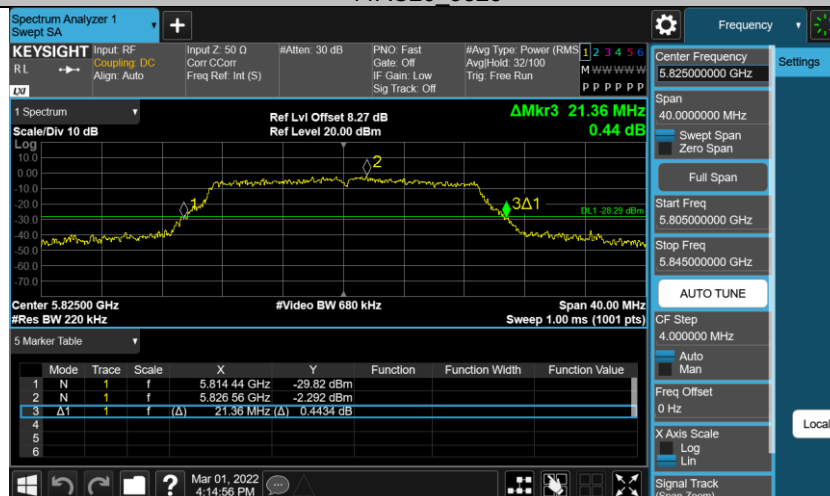
11AC20_5745

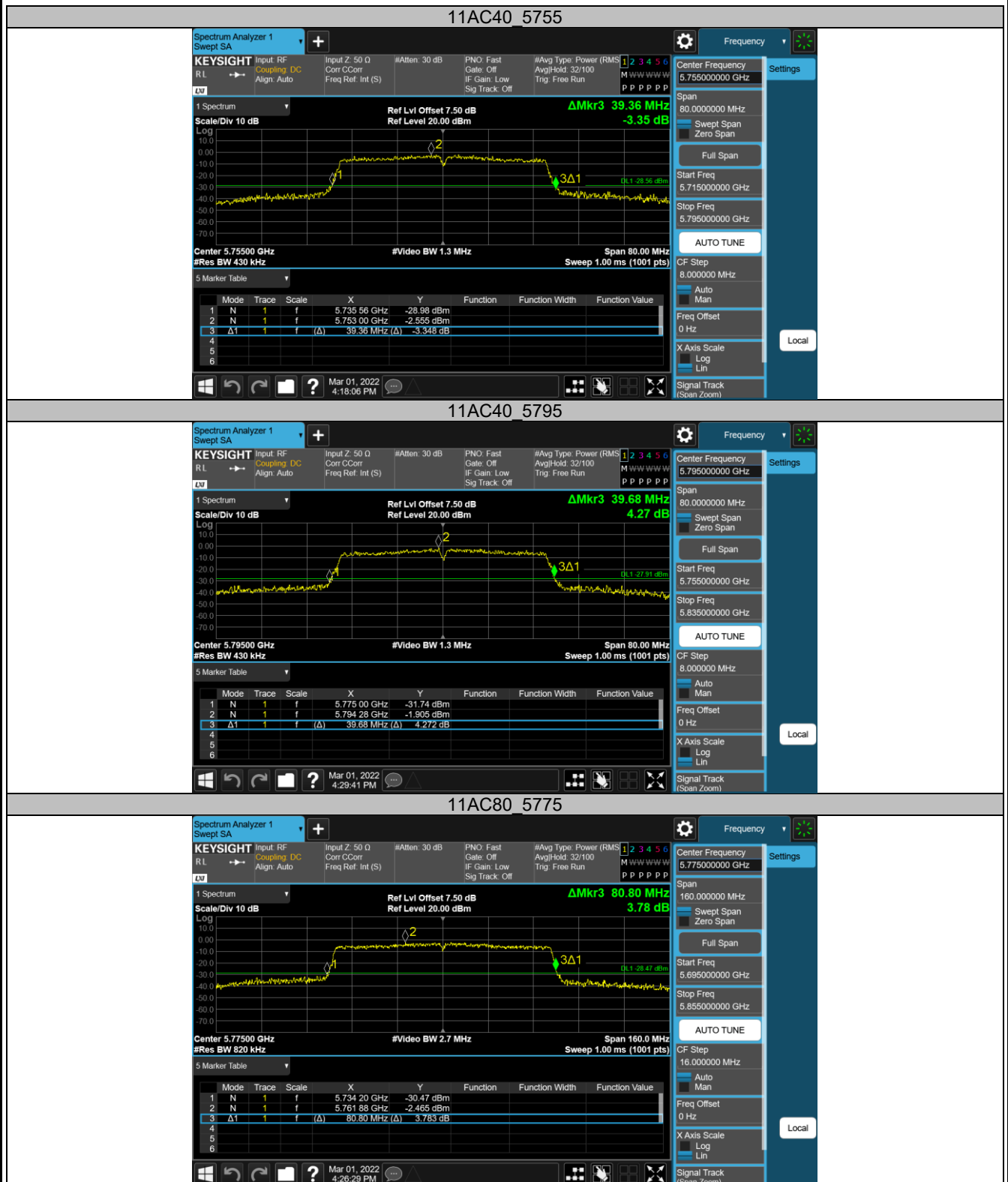


11AC20_5785



11AC20_5825





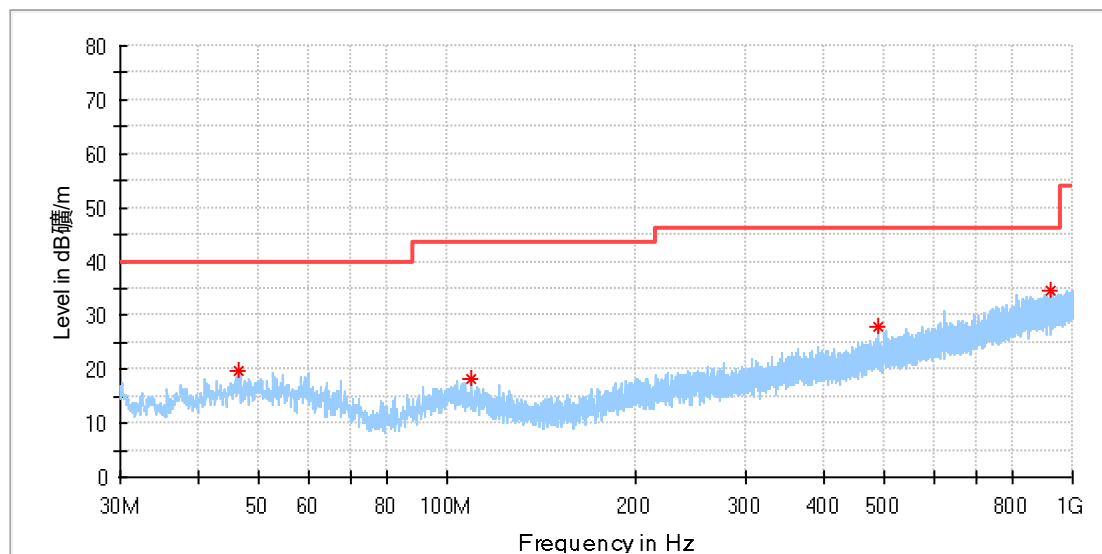
Appendix A.4: Test Results of Radiated Spurious Emissions

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	DJI Mini 3 Pro
Model:	MT3M3VD
Test Mode:	WIFI 5.8G_11a_Ch157
Order No/Sample No:	168350223/A003205772-002
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

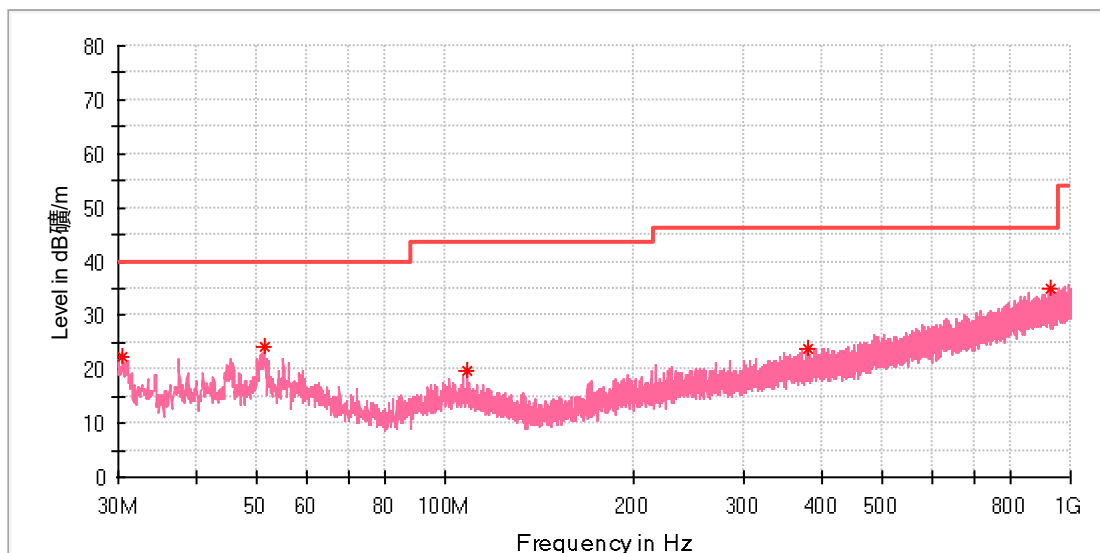
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.296000	19.83	40.00	20.17	100.0	H	248.0	-18.6
109.006500	18.10	43.50	25.40	100.0	H	176.0	-19.0
489.149500	28.08	46.00	17.92	100.0	H	165.0	-12.0
921.575500	34.70	46.00	11.30	100.0	H	0.0	-4.8

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 Mini 3 Pro
Model: MT3M3VD
Test Mode: WIFI 5.8G_11a_Ch157
Order No/Sample No: 168350223/A003205772-002
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
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)
30.388000	22.46	40.00	17.54	100.0	V	355.0	-22.9
51.291500	24.04	40.00	15.96	100.0	V	168.0	-18.3
108.570000	19.66	43.50	23.84	100.0	V	223.0	-19.0
379.394000	23.97	46.00	22.03	100.0	V	14.0	-14.3
929.626500	34.97	46.00	11.03	100.0	V	195.0	-4.7

Final_Result

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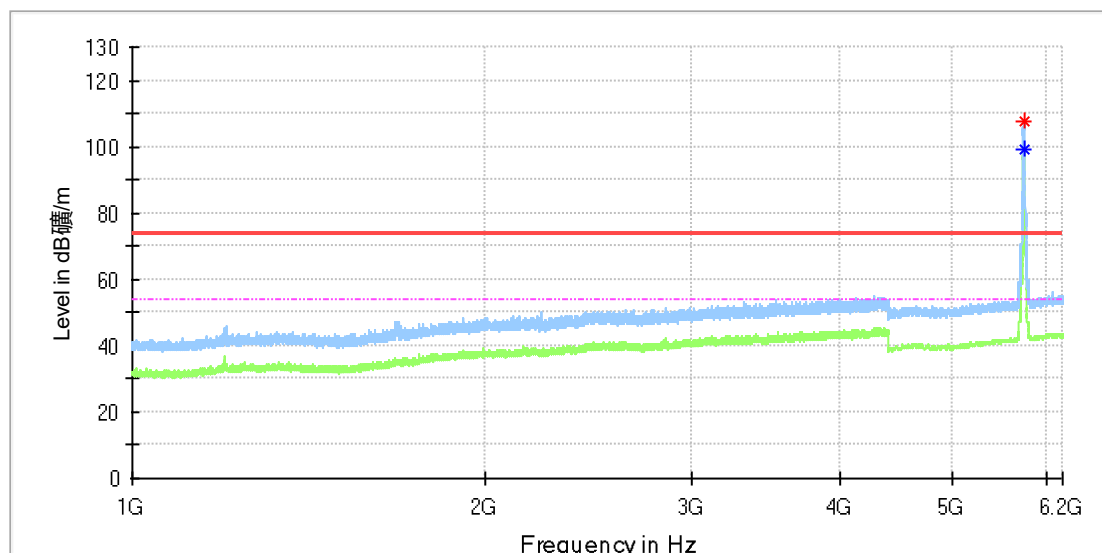
Above 1GHz

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

All modes tested, only the worst-case report.

EUT Information

EUT Name:	DJI Mini 3 Pro
Model:	MT3M3VD
Test Mode:	WIFI 5.8G_11a_Ch149
Order No/Sample No:	168350223/A003205772-002
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

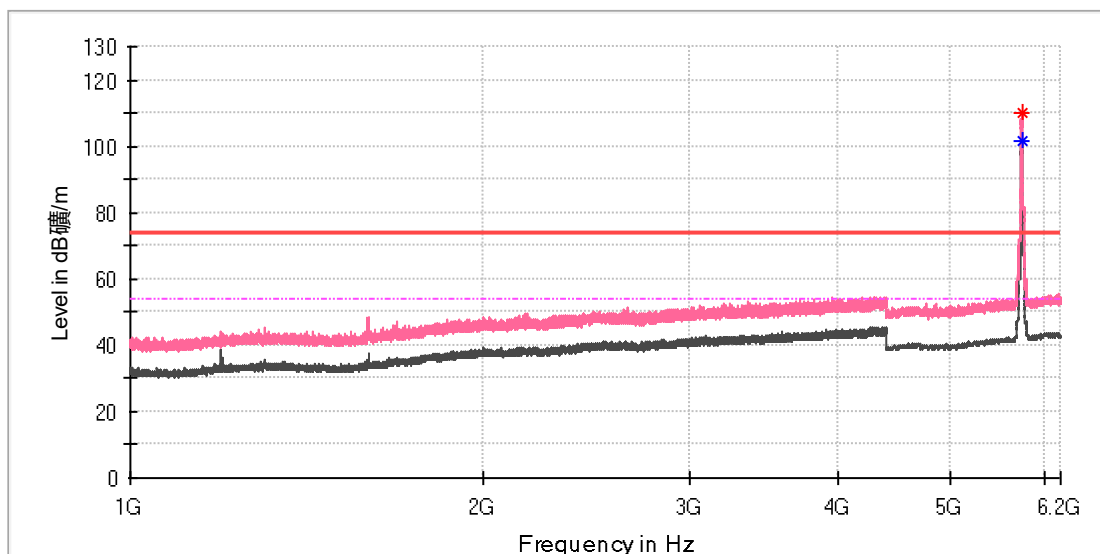
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5744.000000	107.72	---	74.00	-33.72	100.0	H	358.0	13.9
5746.500000	---	99.37	54.00	-45.37	100.0	H	358.0	13.9

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 3 Pro
Model: MT3M3VD
Test Mode: WIFI 5.8G_11a_Ch149
Order No/Sample No: 168350223/A003205772-002
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
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)
5744.000000	---	101.59	54.00	-47.59	100.0	V	277.0	13.9
5746.500000	110.08	---	74.00	-36.08	100.0	V	277.0	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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