Appendix B: Test Results of 5.8GHz SDR

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

All the ports tested, only the worst-case reported.
5.8GHz SDR, 1.4MHz BW

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
1.4M	5728.5	3.19	5.408	≤30.00	PASS
	5786.5	3.17	5.388	≤30.00	PASS
	5846.5	3.41	5.628	≤30.00	PASS
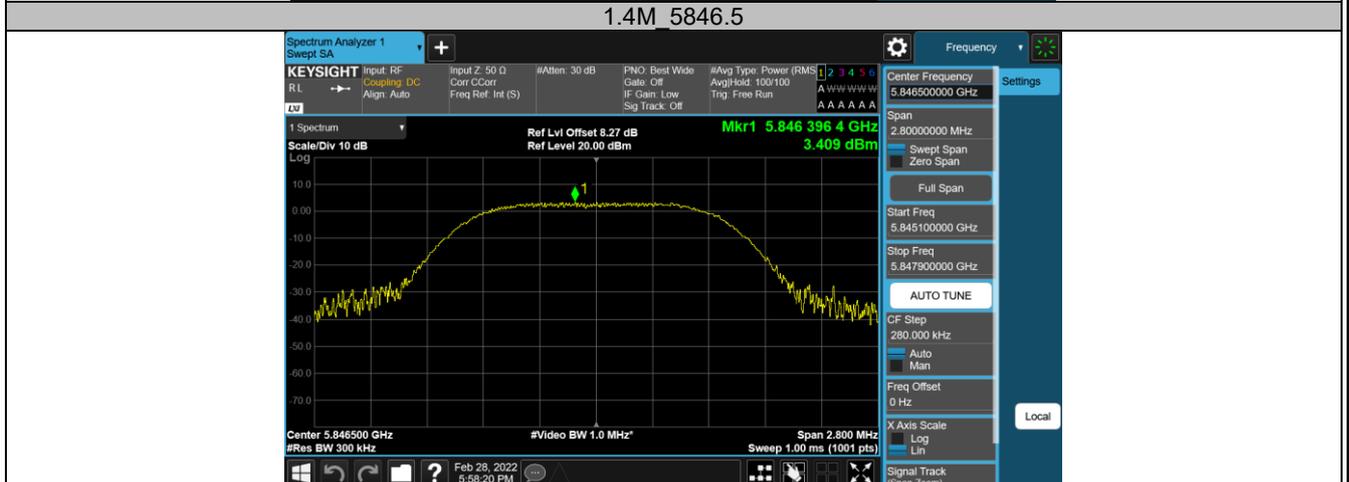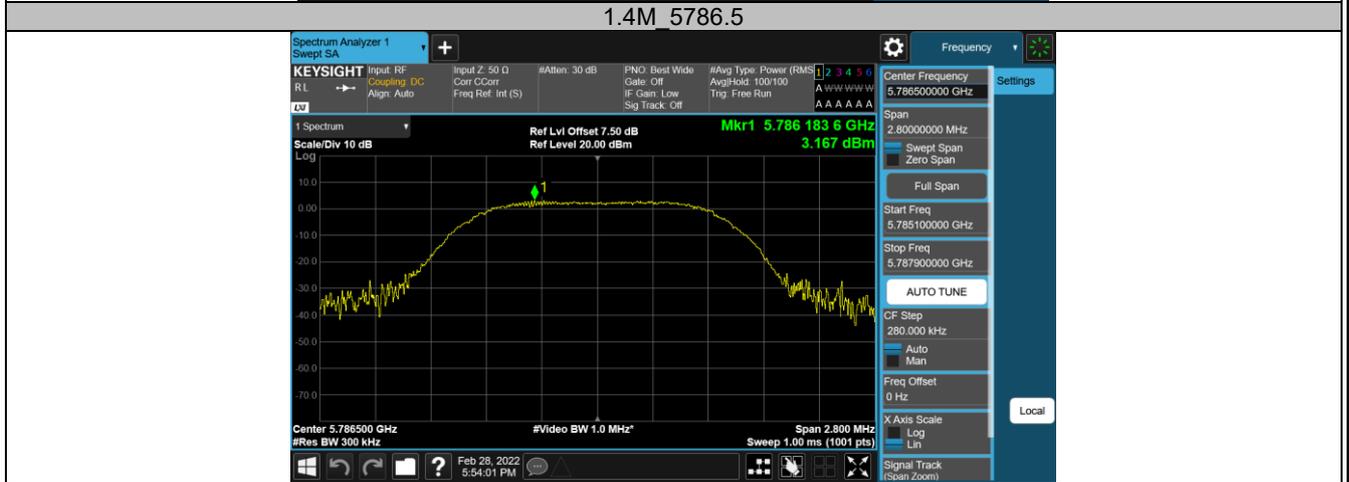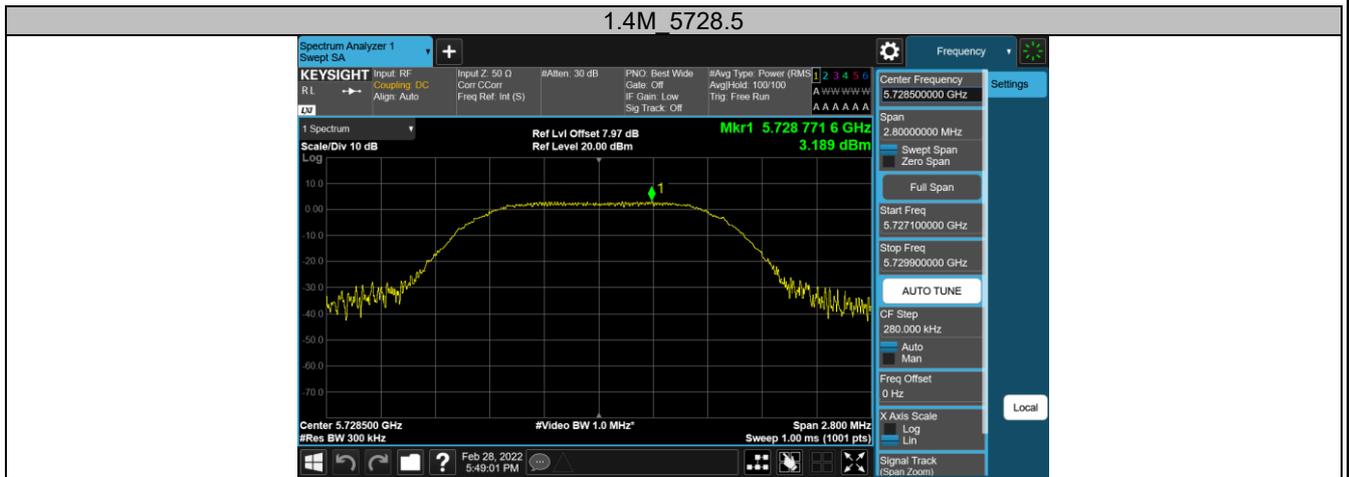
1.4M_5728.5

1.4M_5786.5

1.4M_5846.5

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5.8GHz SDR, 1.4MHz BW CA mode

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
1.4M-CA	5730.12	2.82	5.038	≤30.00	PASS
	5788.12	2.39	4.608	≤30.00	PASS
	5848.12	2.51	4.728	≤30.00	PASS
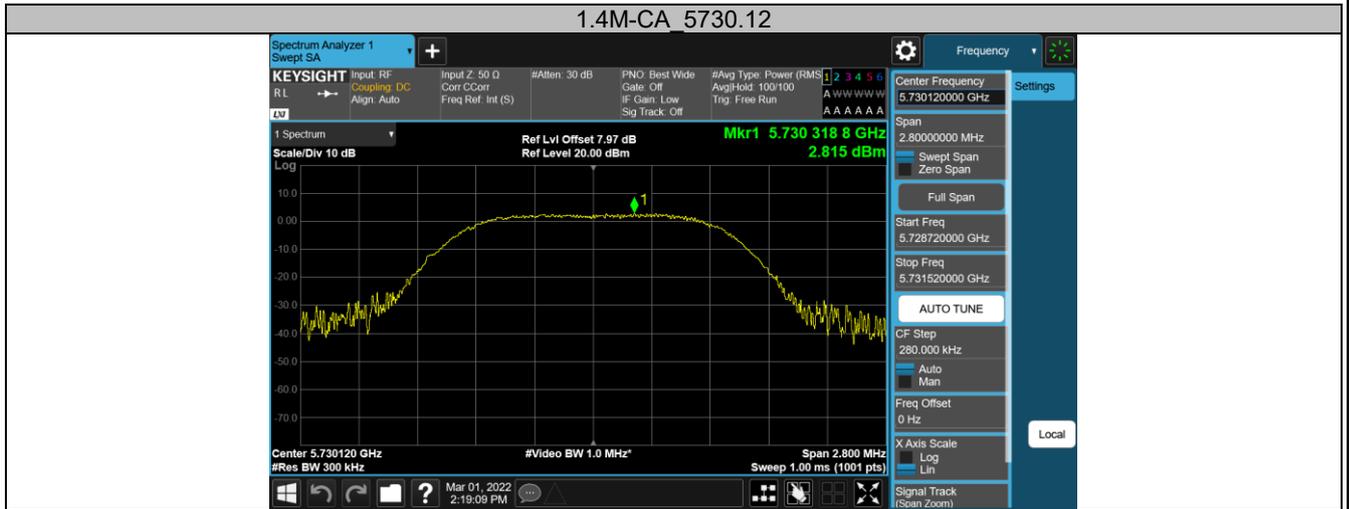
1.4M-CA_5730.12

1.4M-CA_5788.12

1.4M-CA_5848.12

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5.8GHz SDR, 3MHz BW

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
3M	5727.5	-0.34	1.878	≤30.00	PASS
	5784.5	0.99	3.208	≤30.00	PASS
	5844.5	1.29	3.508	≤30.00	PASS
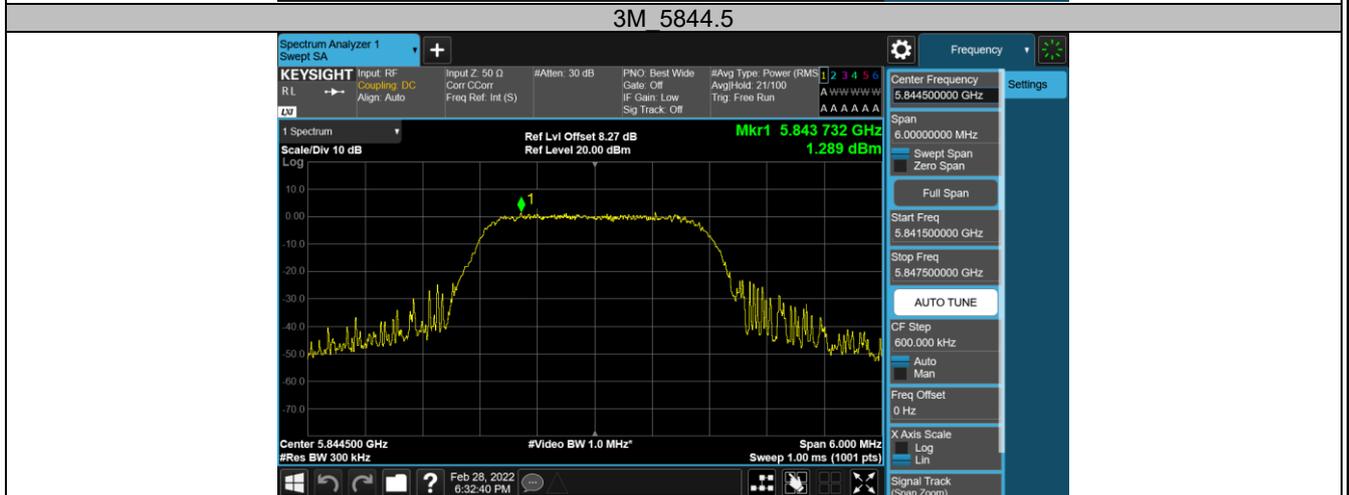
3M_5727.5

3M_5784.5

3M_5844.5

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5.8GHz SDR, 3MHz BW (CA Mode)

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
3M CA	5730.2	-0.81	1.408	≤30.00	PASS
	5787.2	0.32	2.538	≤30.00	PASS
	5847.2	0.9	3.118	≤30.00	PASS
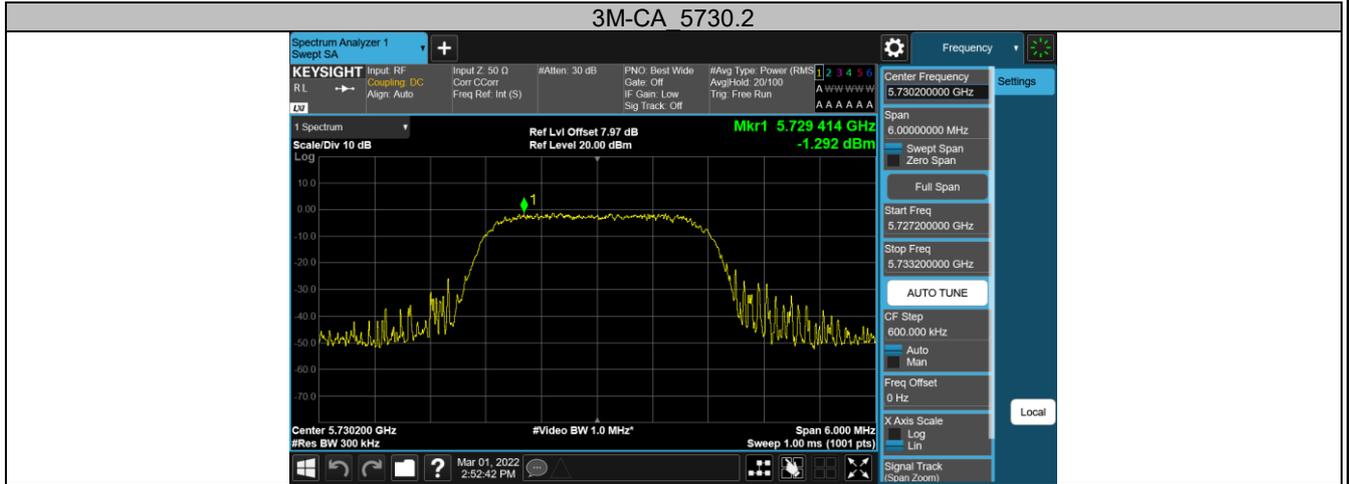
3M-CA_5730.2

3M-CA_5787.2

3M-CA_5847.2

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5.8GHz SDR, 10MHz BW

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
10M	5730.5	6.81	9.028	≤30.00	PASS
	5787.5	6.52	8.738	≤30.00	PASS
	5844.5	6.1	8.318	≤30.00	PASS
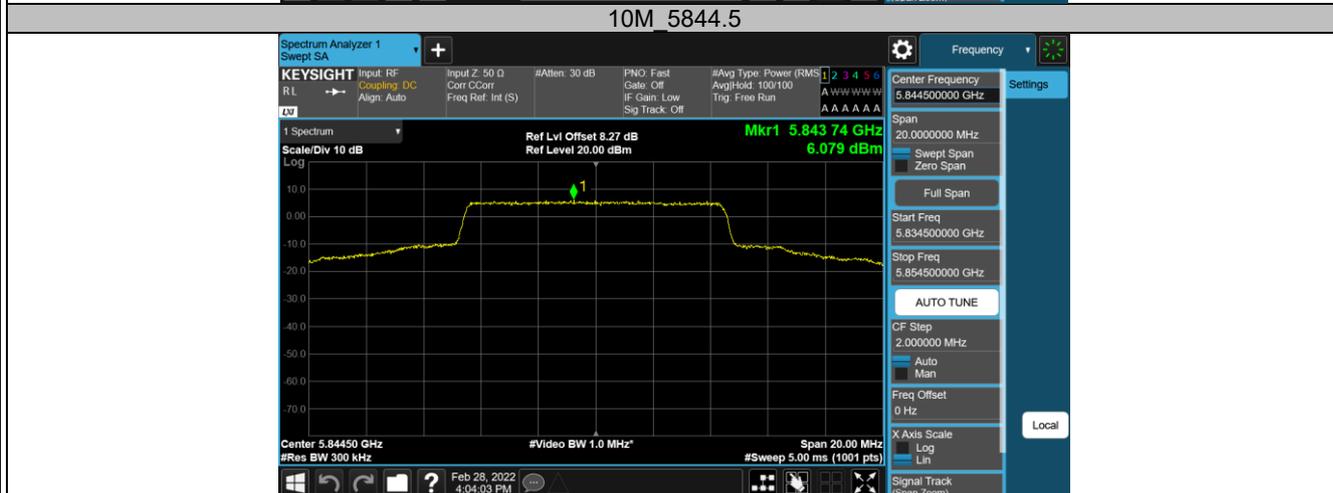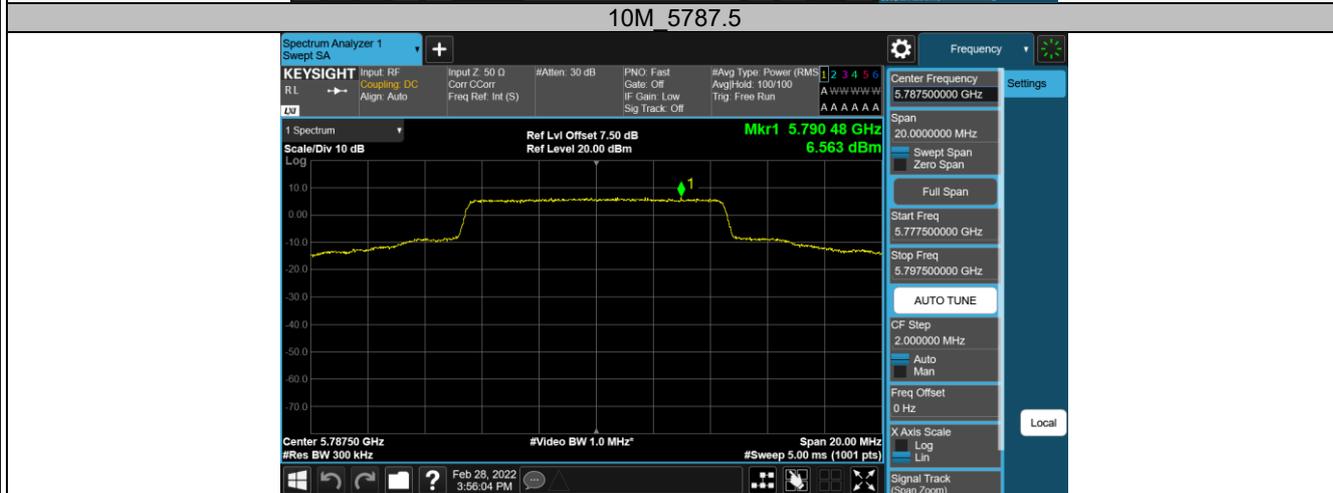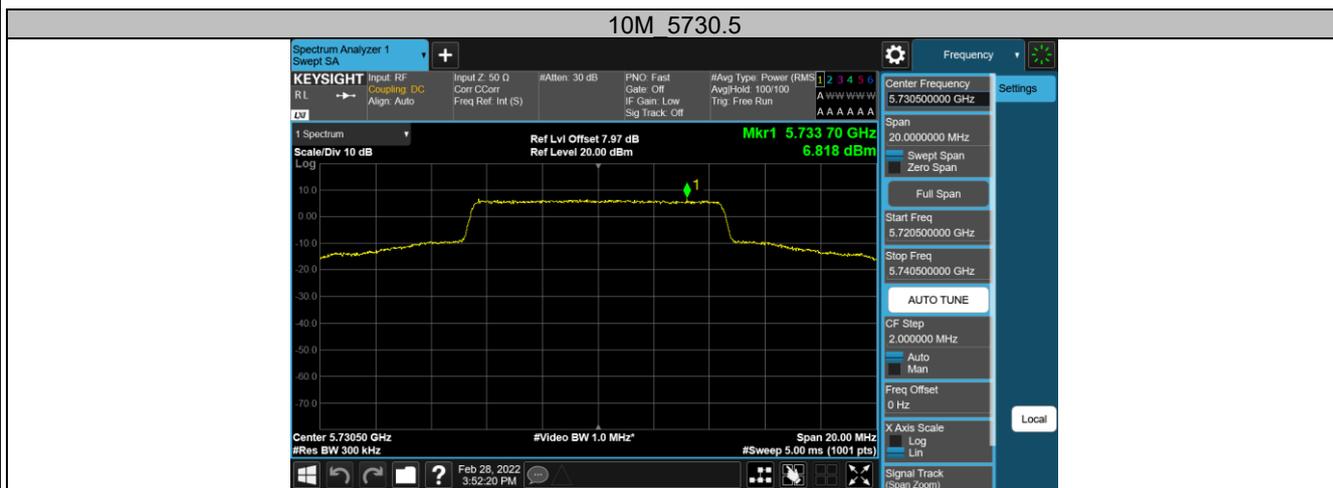
10M_5730.5

10M_5787.5

10M_5844.5

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5.8GHz SDR, 20MHz BW

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
20M	5735.5	4.53	6.748	≤30.00	PASS
	5787.5	5.46	7.678	≤30.00	PASS
	5839.5	5.22	7.438	≤30.00	PASS
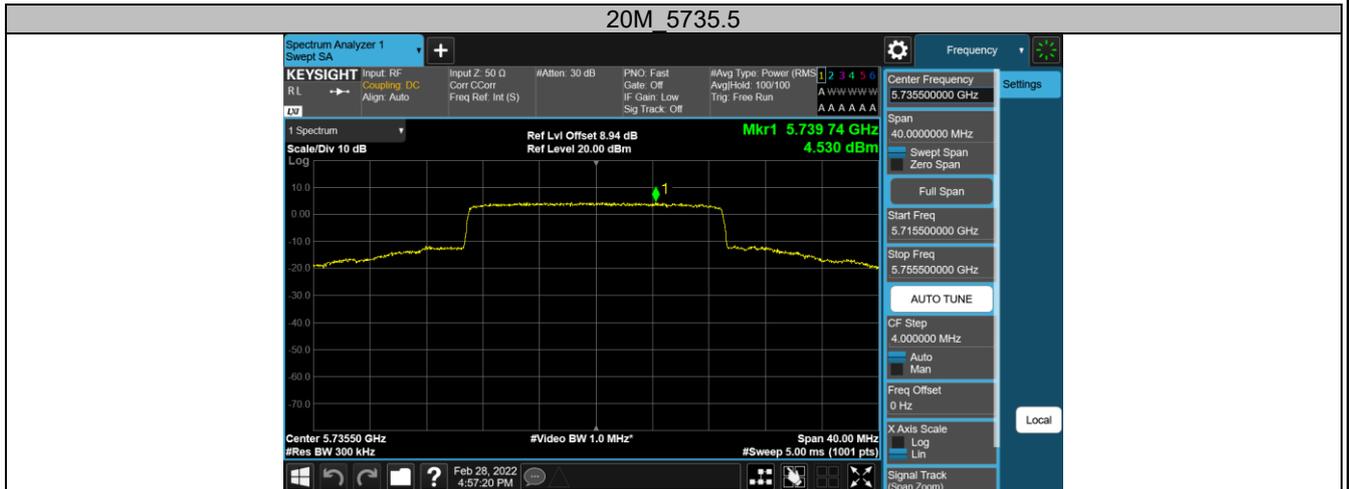
20M_5735.5

20M_5787.5

20M_5839.5

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5.8GHz SDR, 40MHz BW

TestMode	Channel	Result[dBm/300kHz]	Converted to Result[dBm/500kHz]	Limit[dBm/300kHz]	Verdict
40M	5745.5	-0.2	2.018	≤30.00	PASS
	5787.5	0.49	2.708	≤30.00	PASS
	5829.5	0.47	2.688	≤30.00	PASS

40M_5745.5

40M_5787.5

40M_5829.5

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Appendix B.2: Test Results of 99% Bandwidth

5.8GHz SDR, 1.4MHz BW

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	5728.5	1.1154	5727.942	5729.057	---	PASS
	5786.5	1.1171	5785.941	5787.058	---	PASS
	5846.5	1.1241	5845.933	5847.058	---	PASS

1.4M_5728.5

1.4M_5786.5

1.4M_5846.5
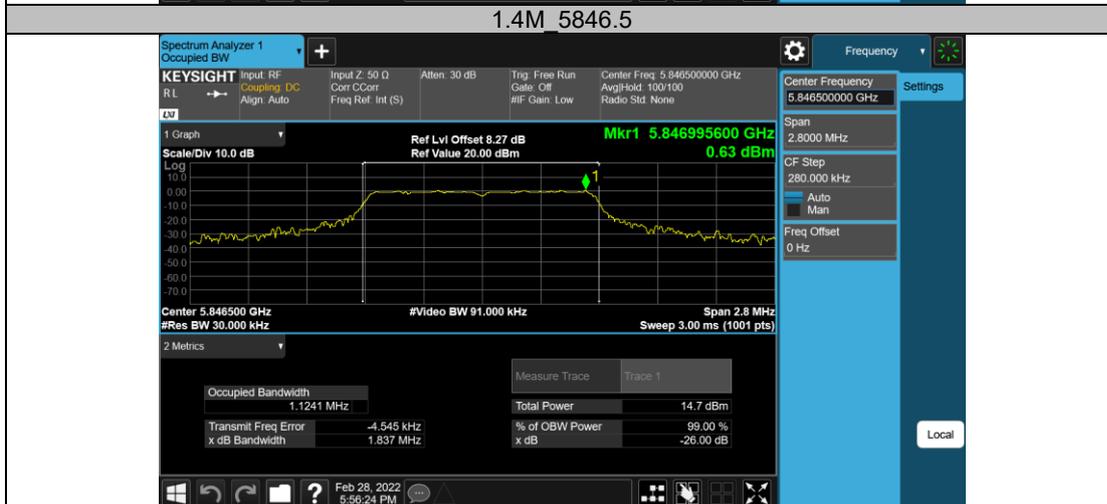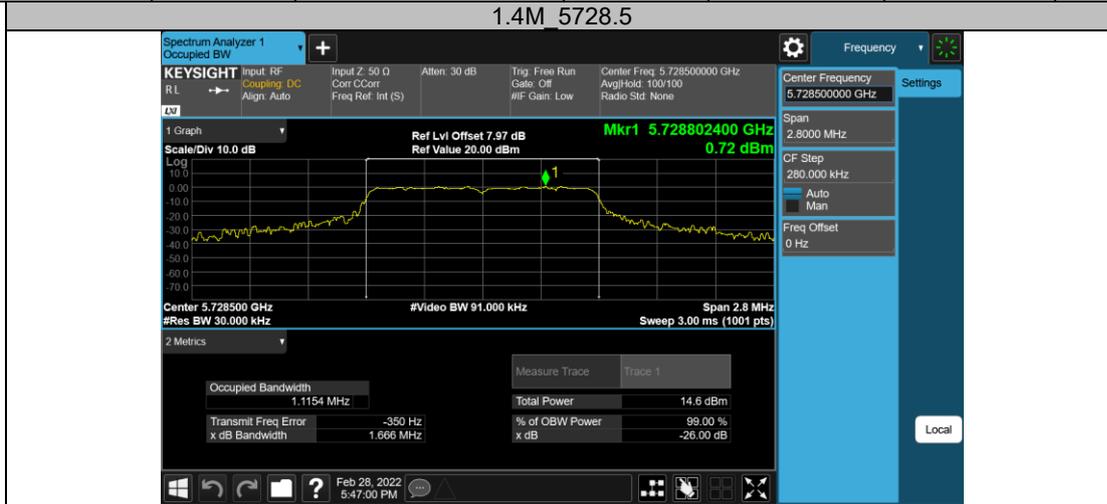
5.8GHz SDR, 1.4MHz BW CA mode

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-CA	5730.12	1.1188	5729.557	5730.676	---	---
	5788.12	1.1223	5787.556	5788.679	---	---
	5848.12	1.1229	5847.555	5848.678	---	---

1.4M-CA_5730.12

1.4M-CA_5788.12

1.4M-CA_5848.12

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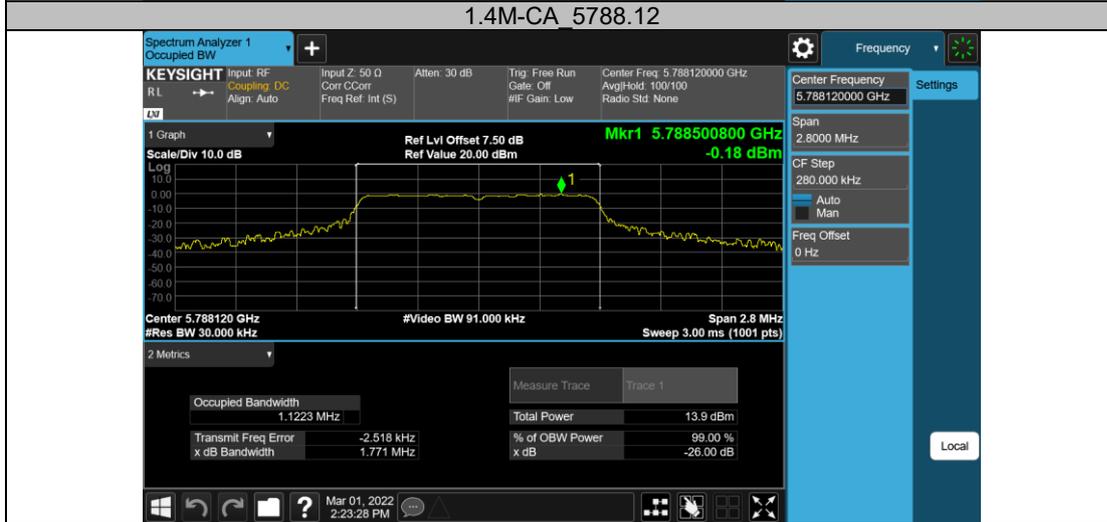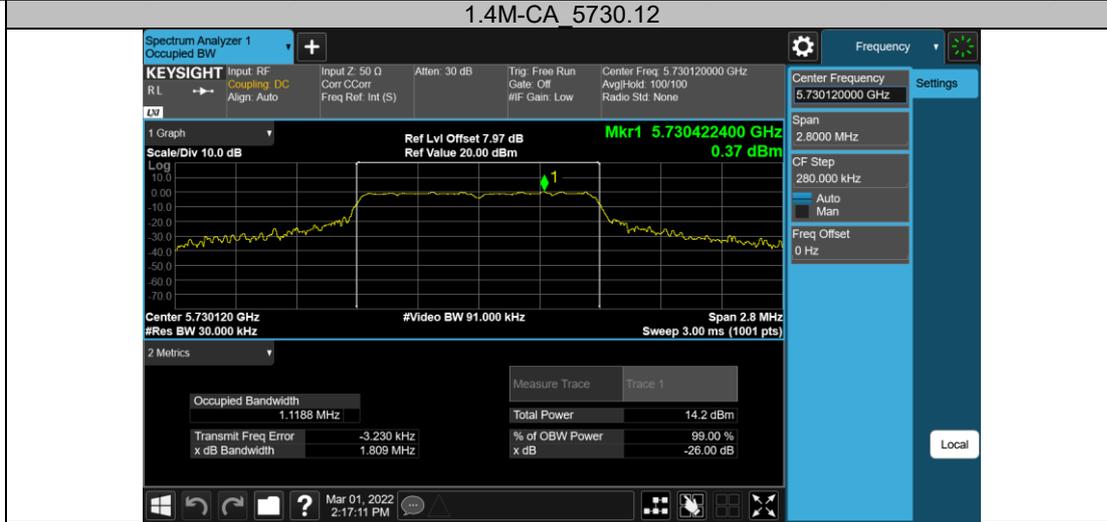
5.8GHz SDR, 3MHz BW

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	5727.5	2.2305	5726.405	5728.636	---	---
	5784.5	2.2217	5783.406	5785.628	---	---
	5844.5	2.2288	5843.408	5845.637	---	---

3M_5727.5

3M_5784.5

3M_5844.5

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5.8GHz SDR, 3MHz BW (CA Mode)

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M CA	5730.2	2.2305	5729.106	5731.337	---	---
	5787.2	2.2256	5786.105	5788.331	---	---
	5847.2	2.2220	5846.105	5848.327	---	---

3M-CA_5730.2

3M-CA_5787.2

3M-CA_5847.2

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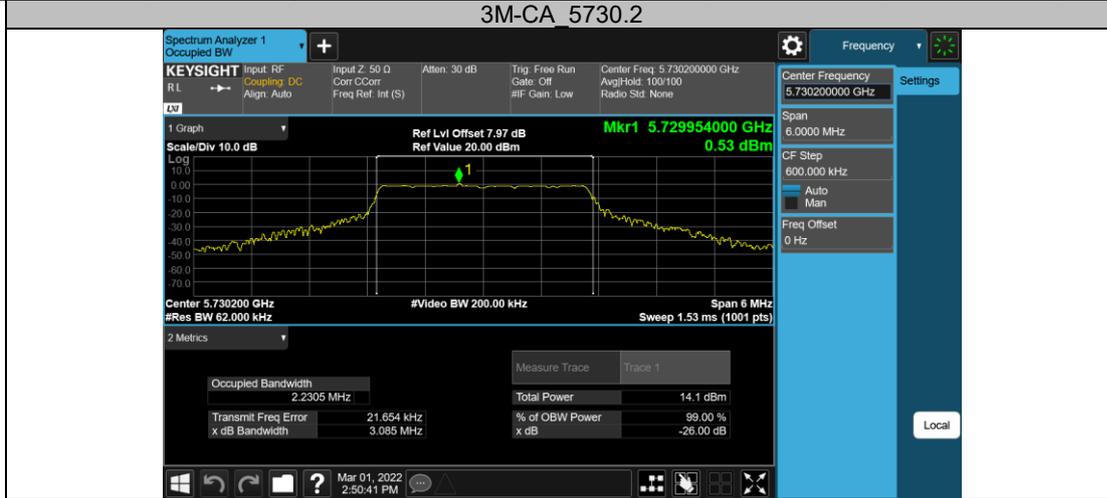
5.8GHz SDR, 10MHz BW

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	5730.5	9.0422	5725.984	5735.026	---	---
	5787.5	9.0853	5782.982	5792.067	---	---
	5844.5	9.0595	5839.976	5849.036	---	---

10M_5730.5

10M_5787.5

10M_5844.5

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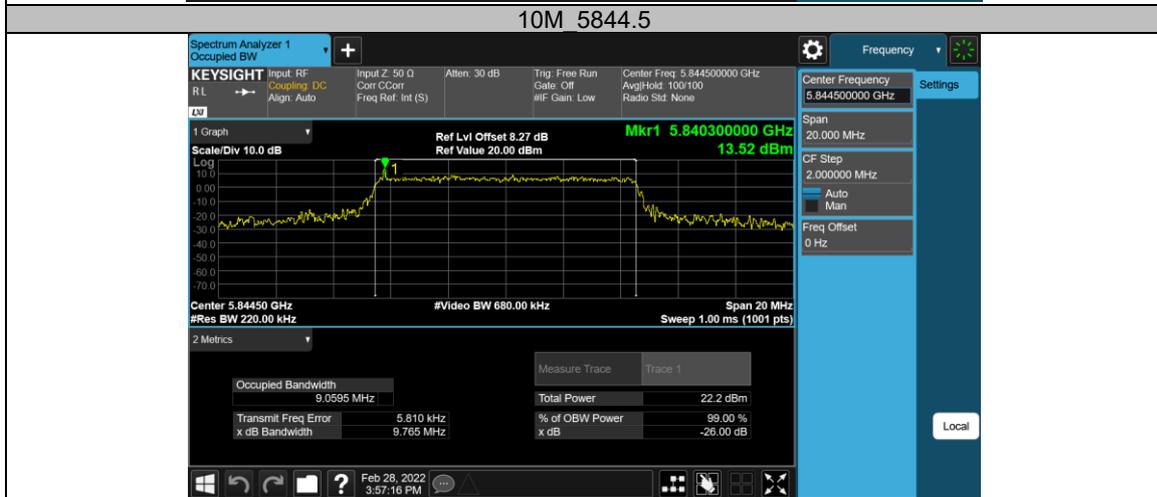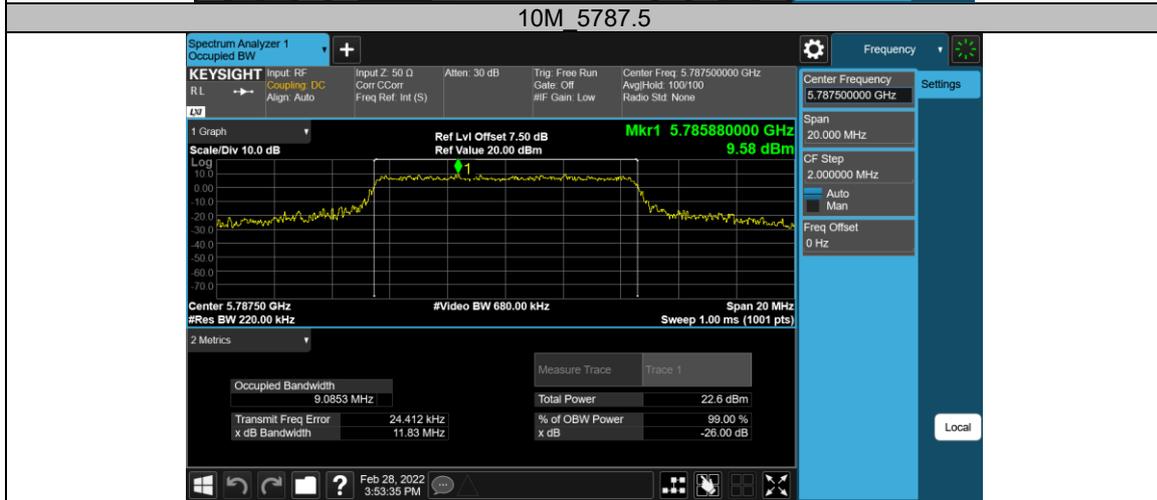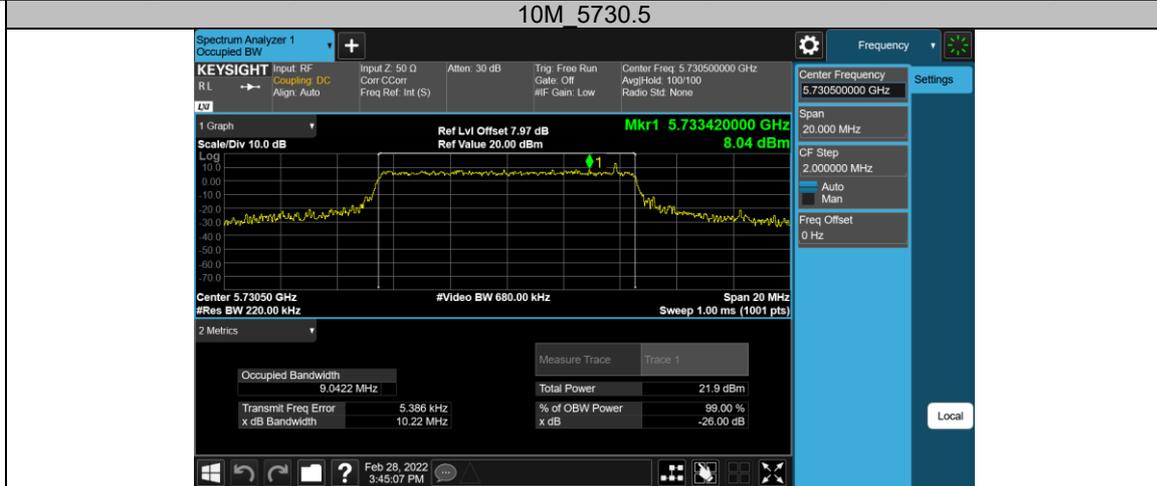
5.8GHz SDR, 20MHz BW

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	5735.5	17.896	5726.573	5744.469	---	---
	5787.5	17.820	5778.603	5796.423	---	---
	5839.5	17.858	5830.558	5848.416	---	---

20M_5735.5

20M_5787.5

20M_5839.5

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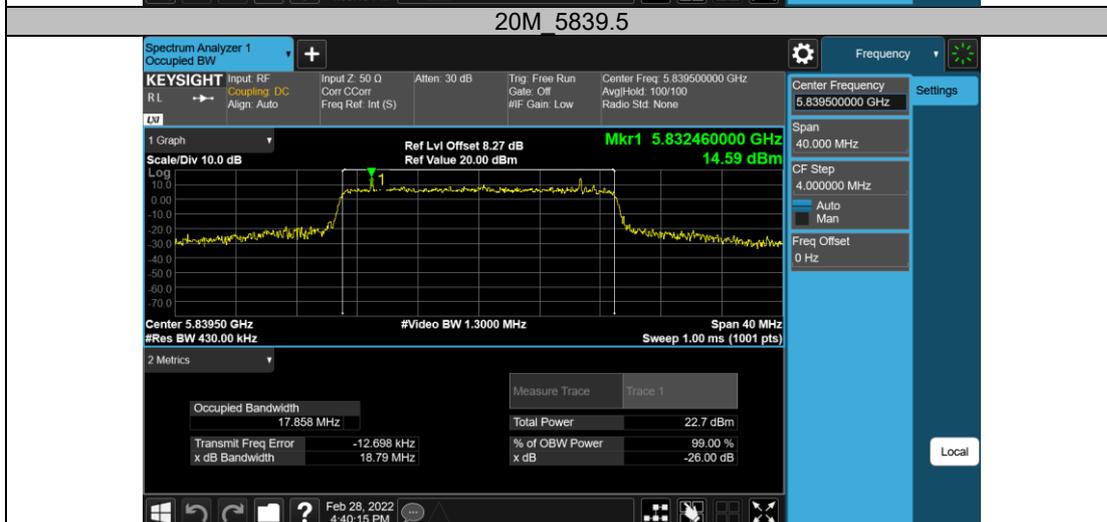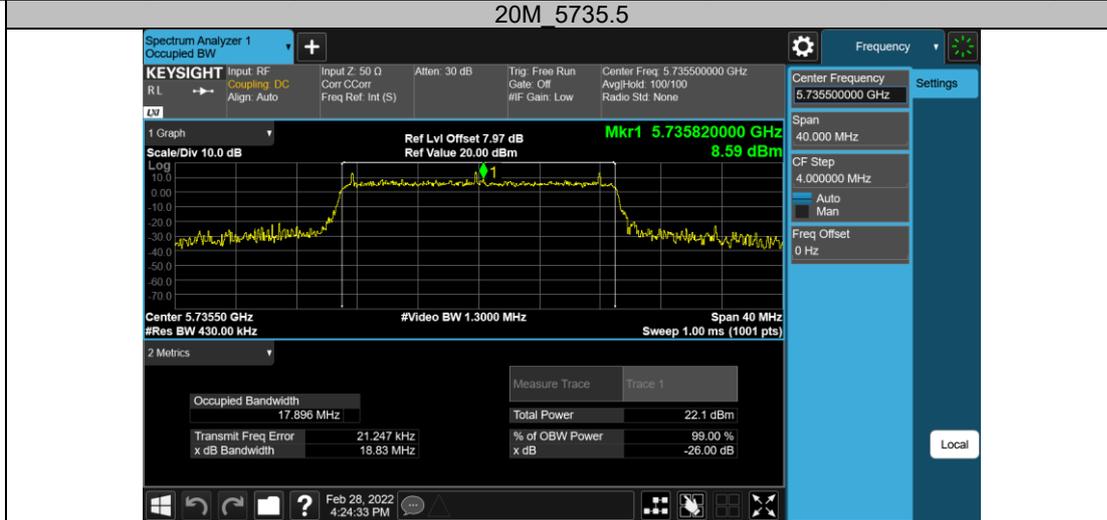
5.8GHz SDR, 40MHz BW

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	5745.5	35.671	5727.632	5763.303	---	---
	5787.5	35.748	5769.597	5805.345	---	---
	5829.5	35.730	5811.605	5847.335	---	---

40M_5745.5

40M_5787.5

40M_5829.5