

Appendix B: Test Results of 5.8GHz SDR

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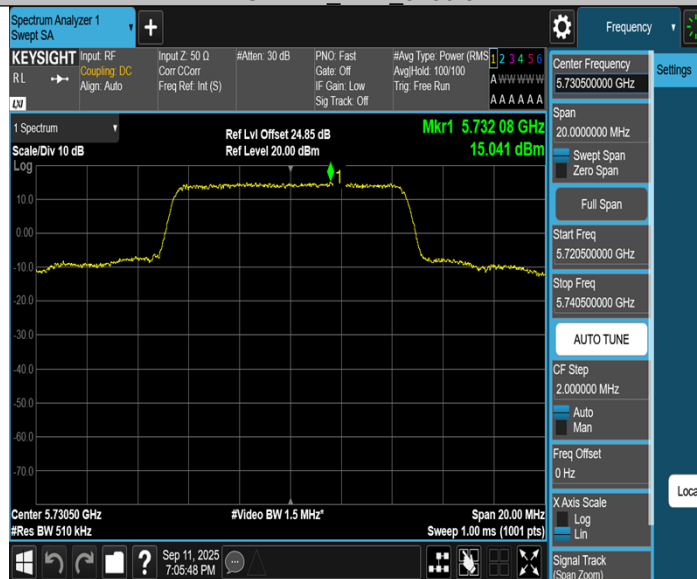
Appendix B.1: Test Results of Conducted Power Spectral Density

Note: This testing was carried out on both antenna port 0 and port 1, but only the worst case was presented in this report.

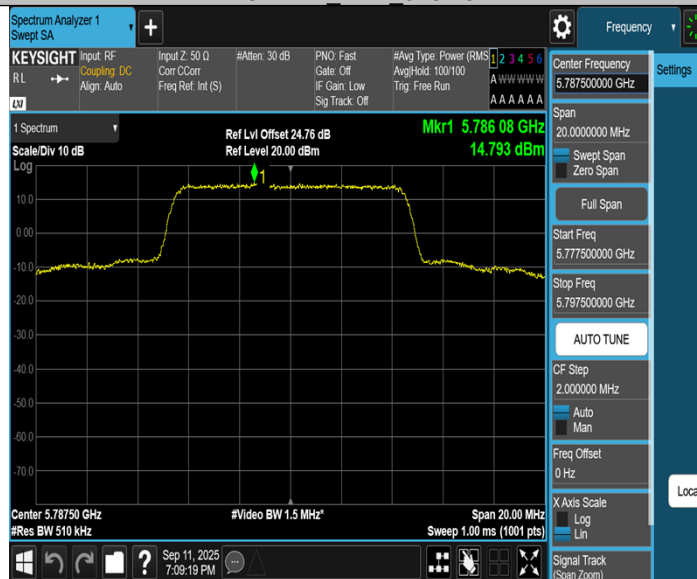
5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5730.5	15.04	≤30.00	PASS
		5787.5	14.79	≤30.00	PASS
		5844.5	14.77	≤30.00	PASS

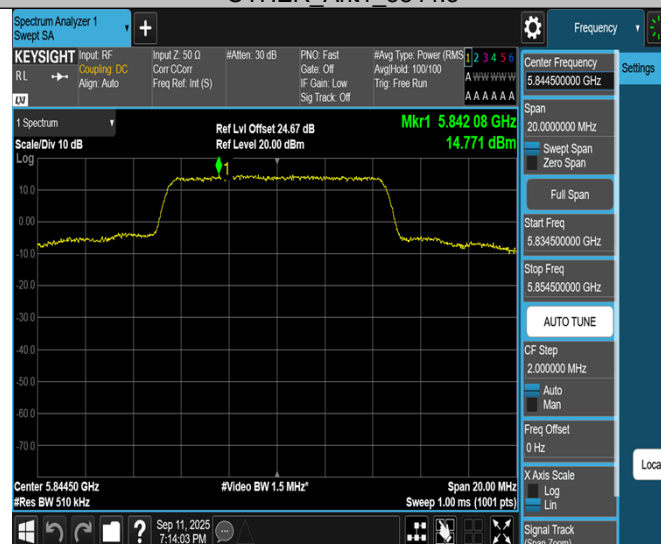
OTHER Ant1 5730.5



OTHER Ant1 5787.5



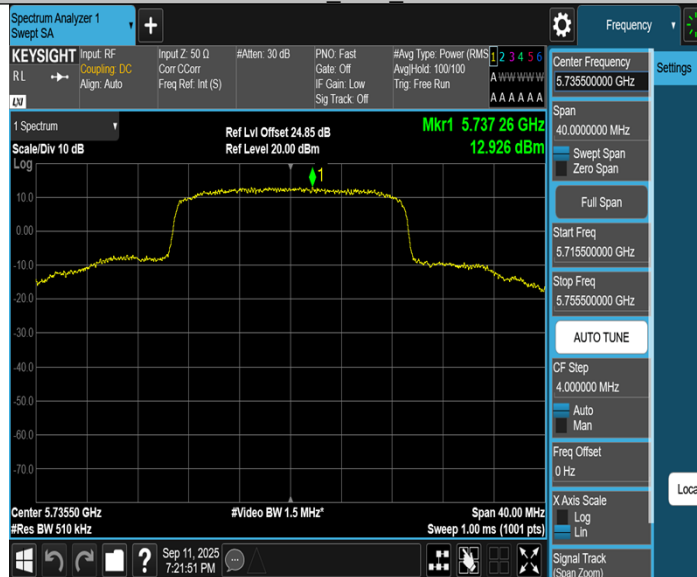
OTHER Ant1 5844.5



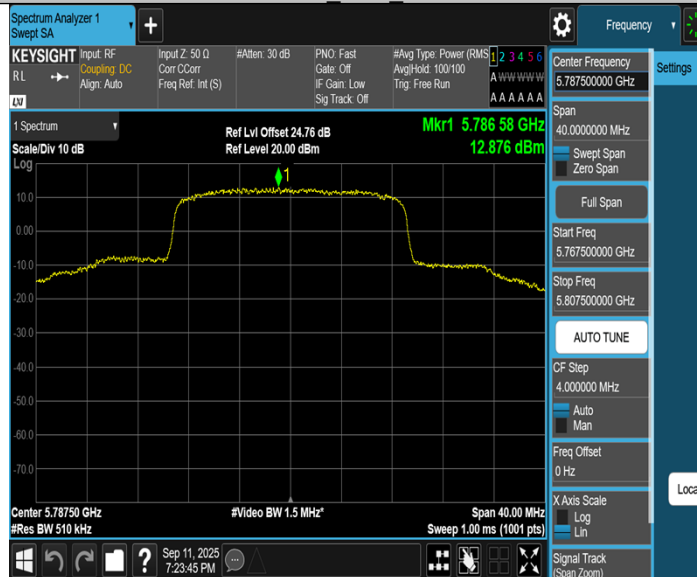
5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5735.5	12.93	≤30.00	PASS
		5787.5	12.88	≤30.00	PASS
		5839.5	12.61	≤30.00	PASS

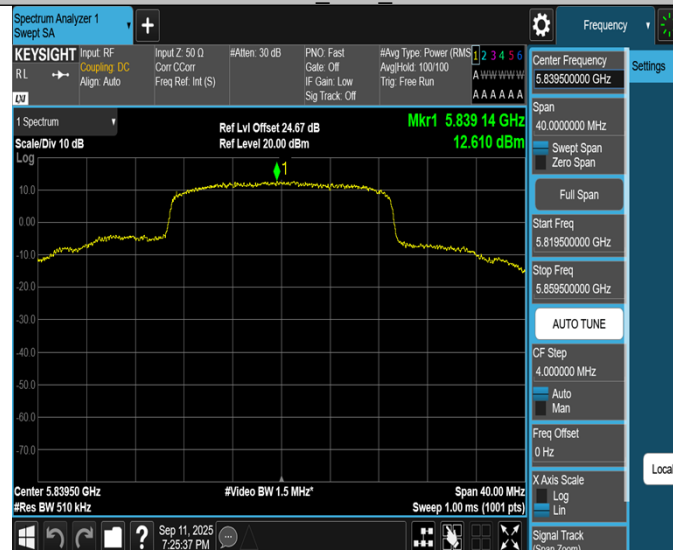
OTHER Ant1 5735.5



OTHER Ant1 5787.5



OTHER Ant1 5839.5



5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5745.5	12.51	≤30.00	PASS
		5787.5	12.29	≤30.00	PASS
		5829.5	12.12	≤30.00	PASS

OTHER Ant1 5745.5



OTHER Ant1 5787.5



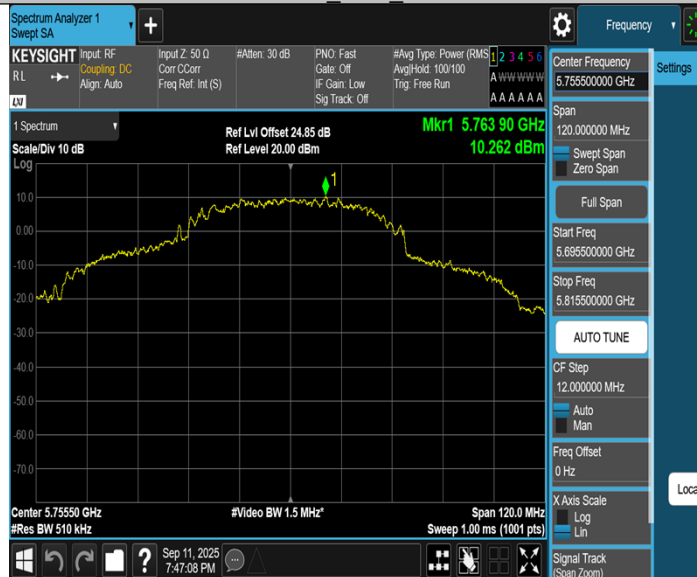
OTHER Ant1 5829.5



5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5755.5	10.26	≤30.00	PASS
		5787.5	10.28	≤30.00	PASS
		5819.5	9.87	≤30.00	PASS

OTHER Ant1 5755.5



OTHER Ant1 5787.5



OTHER Ant1 5819.5



5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
OTHER	Ant1	5765.5	11.14	≤30.00	PASS
		5787.5	9.70	≤30.00	PASS
		5809.5	10.24	≤30.00	PASS

OTHER Ant1 5765.5



OTHER Ant1 5787.5



OTHER Ant1 5809.5



Appendix B.2: Test Results of Frequency Stability

This testing was carried out on both antenna port 0 and port 1, but only the worst case was presented in this report.
All modes tested, only worst-case reported.

TestMode	Antenna	Channel	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
10MHz	Ant1	5730.5	-2000.00	-0.349010	Within the authorized band	PASS
		5787.5	-2000.00	-0.345572		PASS
		5844.5	-2000.00	-0.342202		PASS
20MHz	Ant1	5735.5	-2000.00	-0.348705		PASS
		5787.5	-2000.00	-0.345572		PASS
		5839.5	-2000.00	-0.342495		PASS
40MHz	Ant1	5745.5	-2000.00	-0.348099		PASS
		5787.5	-2000.00	-0.345572		PASS
		5829.5	-2000.00	-0.343083		PASS
60MHz	Ant1	5755.5	-2000.00	-0.347494		PASS
		5787.5	-2000.00	-0.345572		PASS
		5819.5	-2000.00	-0.343672		PASS
80MHz	Ant1	5765.5	-2000.00	-0.346891		PASS
		5787.5	-2000.00	-0.345572		PASS
		5809.5	-2000.00	-0.344264		PASS

Appendix B.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on both antenna port 0 and port 1, but only the worst case was presented in this report.

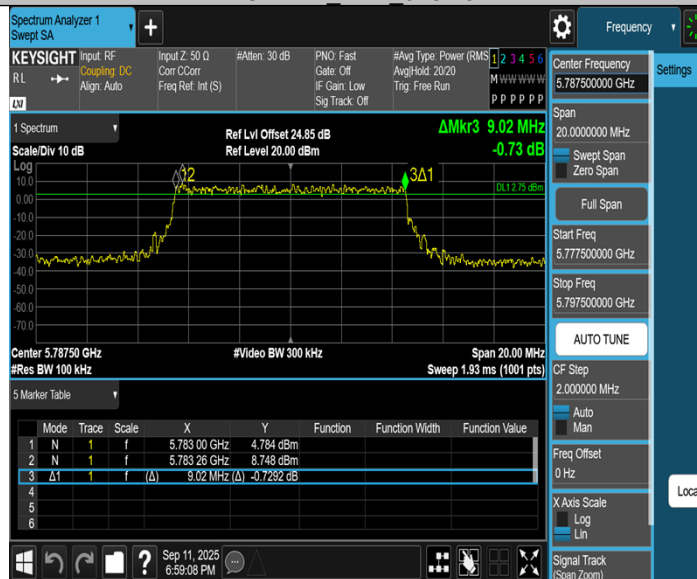
5.8GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5730.5	9.000	5726.000	5735.000	0.5	PASS
		5787.5	9.020	5783.000	5792.020	0.5	PASS
		5844.5	9.020	5839.980	5849.000	0.5	PASS

OTHER Ant1 5730.5



OTHER Ant1 5787.5



OTHER Ant1 5844.5



5.8GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5735.5	16.400	5727.660	5744.060	0.5	PASS
		5787.5	17.040	5779.340	5796.380	0.5	PASS
		5839.5	17.520	5830.540	5848.060	0.5	PASS

OTHER Ant1 5735.5



OTHER Ant1 5787.5



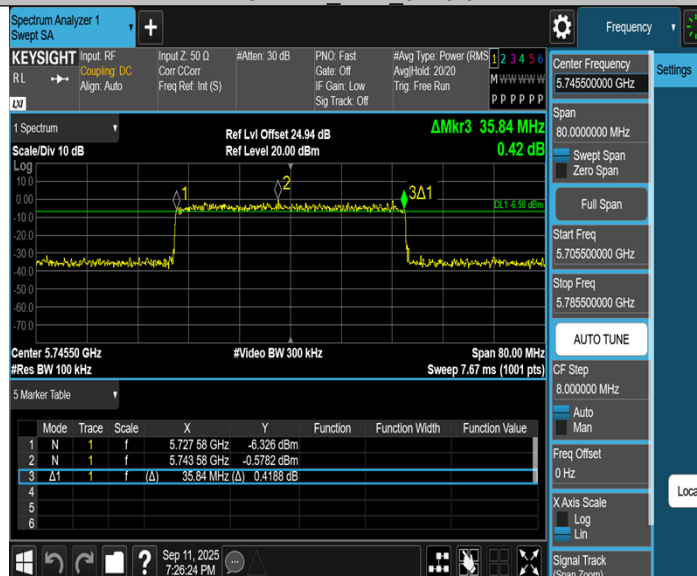
OTHER Ant1 5839.5



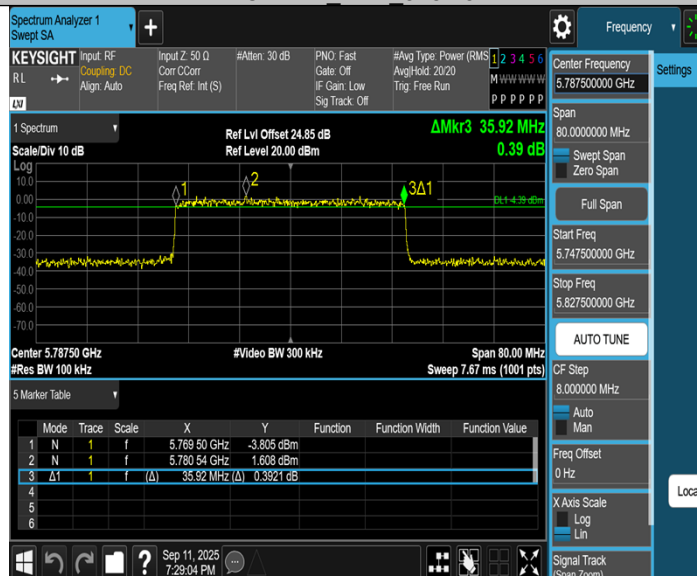
5.8GHz SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5745.5	35.840	5727.580	5763.420	0.5	PASS
		5787.5	35.920	5769.500	5805.420	0.5	PASS
		5829.5	35.840	5811.580	5847.420	0.5	PASS

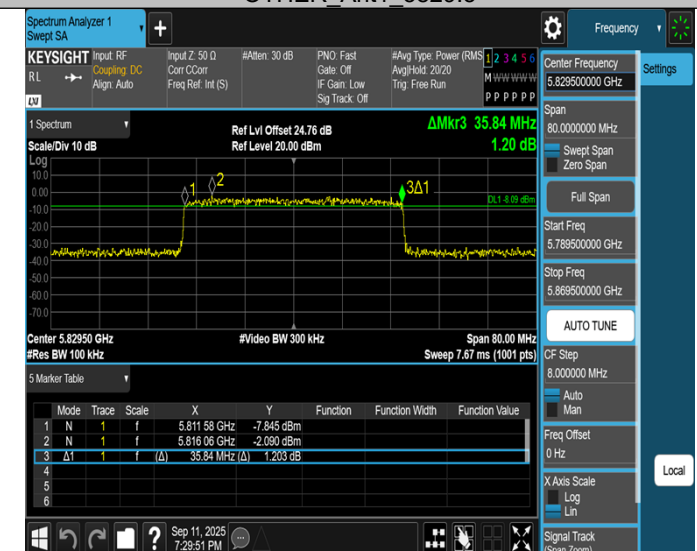
OTHER Ant1 5745.5



OTHER Ant1 5787.5



OTHER Ant1 5829.5



5.8GHz SDR, 60MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5755.5	53.160	5728.980	5782.140	0.5	PASS
		5787.5	53.640	5760.740	5814.380	0.5	PASS
		5819.5	53.640	5792.620	5846.260	0.5	PASS

5.8GHz SDR, 80MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5765.5	70.560	5729.980	5800.540	0.5	PASS
		5787.5	70.880	5751.980	5822.860	0.5	PASS
		5809.5	70.400	5774.140	5844.540	0.5	PASS

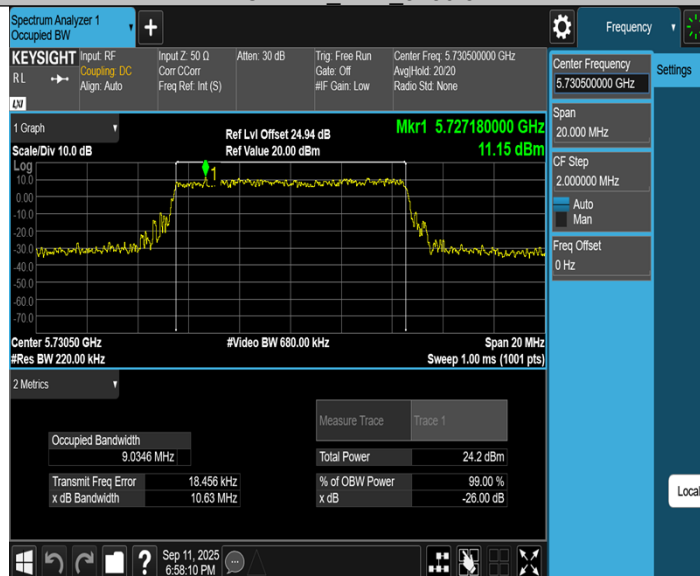
Appendix B.4: Test Results of 99% Bandwidth

Note: This testing was carried out on both antenna port 0 and port 1, but only the worst case was presented in this report.

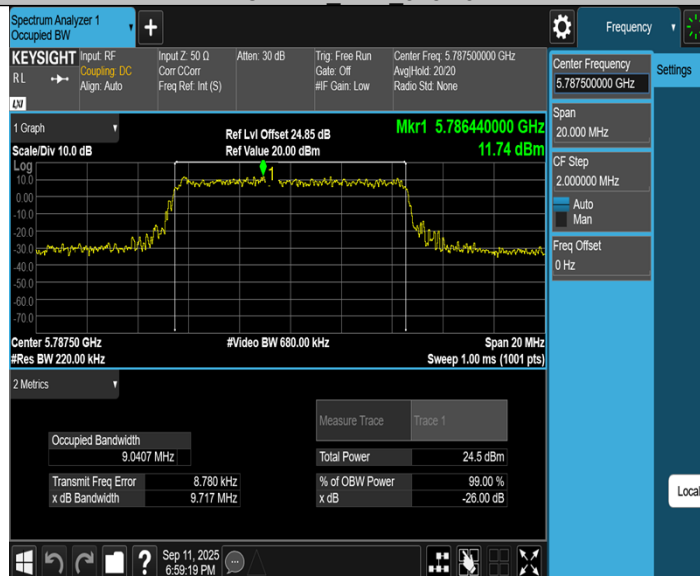
5.8GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5730.5	9.0346	5726.0012	5735.0358	---	---
		5787.5	9.0407	5782.9884	5792.0291	---	---
		5844.5	9.0359	5839.9974	5849.0333	---	---

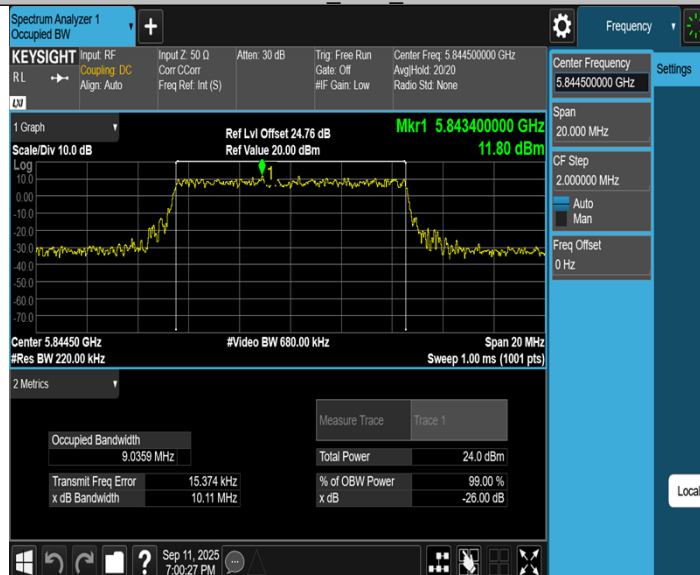
OTHER Ant1 5730.5



OTHER Ant1 5787.5



OTHER Ant1 5844.5



5.8GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5735.5	17.644	5726.6953	5744.3393	---	---
		5787.5	17.750	5778.6436	5796.3936	---	---
		5839.5	17.676	5830.6545	5848.3305	---	---