

Appendix Test Data for RLAN(5.8G) (Conducted Measurement)

Product Name: 4K OTT BOX

Trade Mark: N/A

Test Model: SN6BKHE

FCC ID: 2AOVU-SN6BKHE

Environmental Conditions

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: Min emission bandwidth

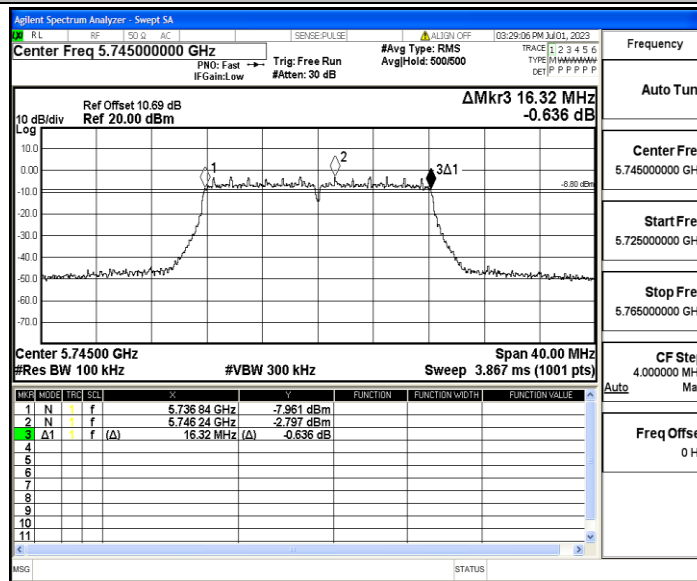
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
	Ant1	5785	16.280	5776.840	5793.120	0.5	PASS
	Ant2	5785	16.320	5776.840	5793.160	0.5	PASS
	Ant1	5825	16.320	5816.840	5833.160	0.5	PASS
	Ant2	5825	16.320	5816.840	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	17.240	5736.240	5753.480	0.5	PASS
	Ant2	5745	17.520	5736.240	5753.760	0.5	PASS
	Ant1	5785	17.040	5776.480	5793.520	0.5	PASS
	Ant2	5785	17.560	5776.200	5793.760	0.5	PASS
	Ant1	5825	17.560	5816.240	5833.800	0.5	PASS
	Ant2	5825	17.520	5816.240	5833.760	0.5	PASS
11N40MIMO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
	Ant2	5745	17.520	5736.240	5753.760	0.5	PASS
	Ant1	5785	17.040	5776.440	5793.480	0.5	PASS
	Ant2	5785	17.280	5776.240	5793.520	0.5	PASS
	Ant1	5825	17.560	5816.200	5833.760	0.5	PASS
	Ant2	5825	17.520	5816.240	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	35.360	5737.400	5772.760	0.5	PASS
	Ant2	5755	35.360	5737.400	5772.760	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
	Ant2	5795	35.040	5777.480	5812.520	0.5	PASS

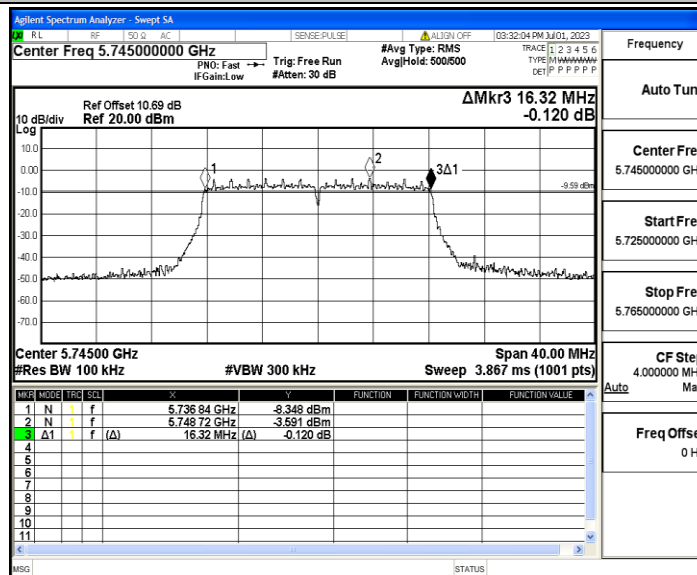
11AC80MIMO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs

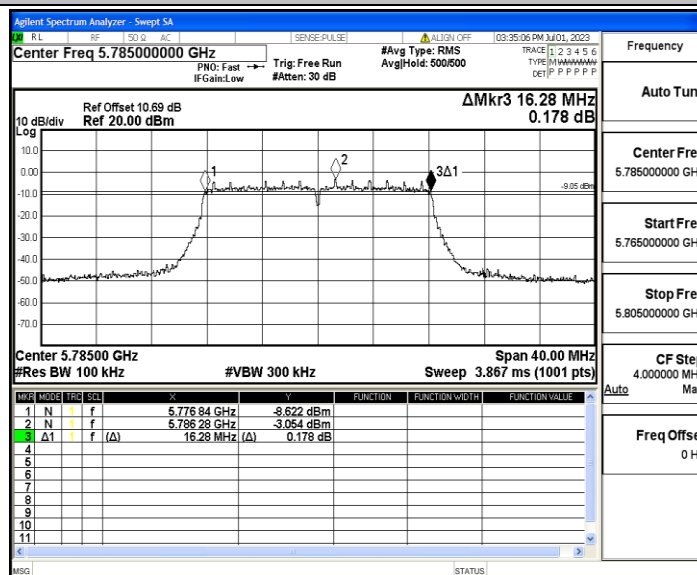
11A_Ant1_5745



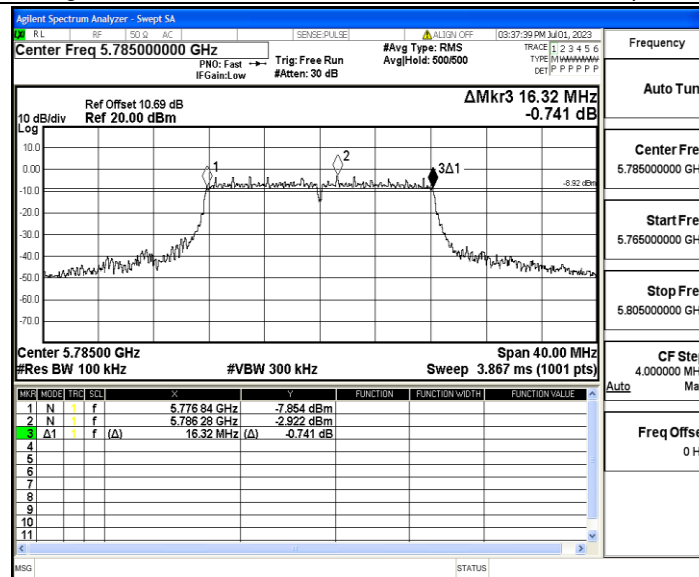
11A_Ant2_5745



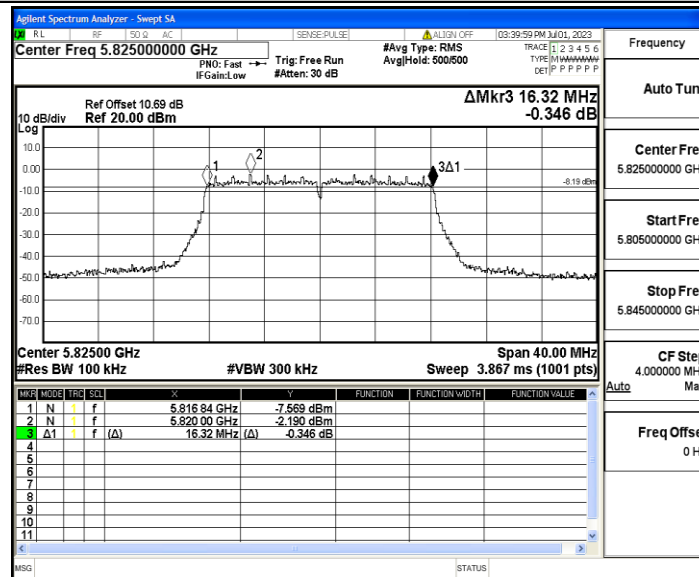
11A_Ant1_5785



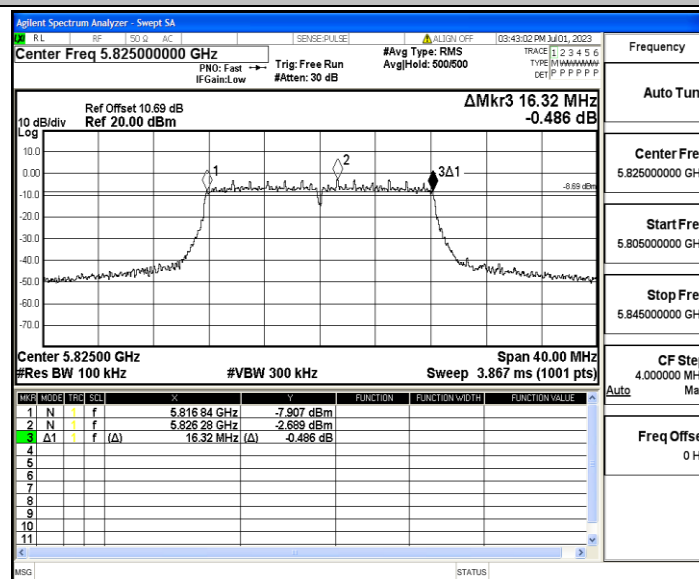
11A_Ant2_5785



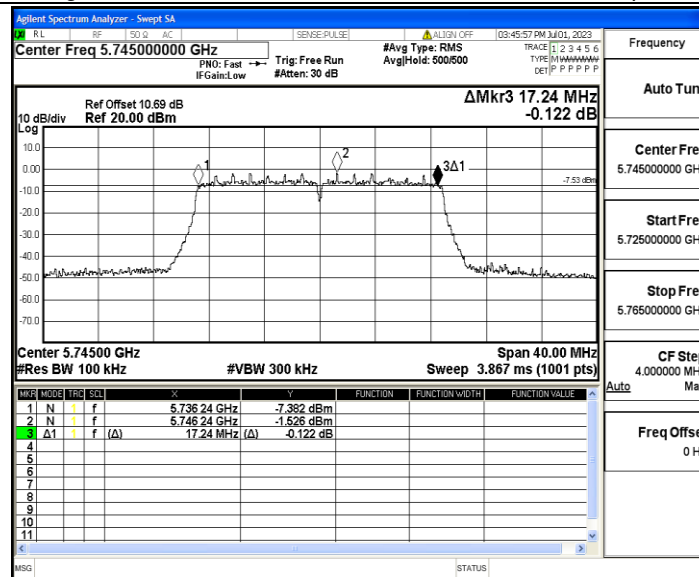
11A_Ant1_5825



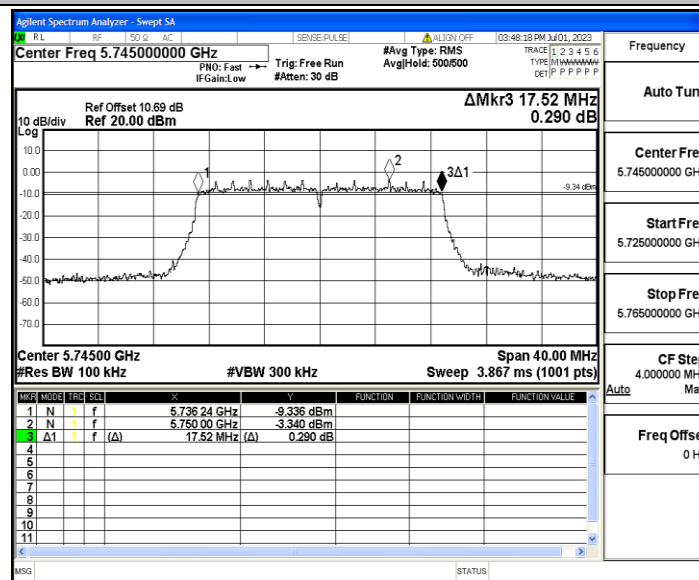
11A_Ant2_5825



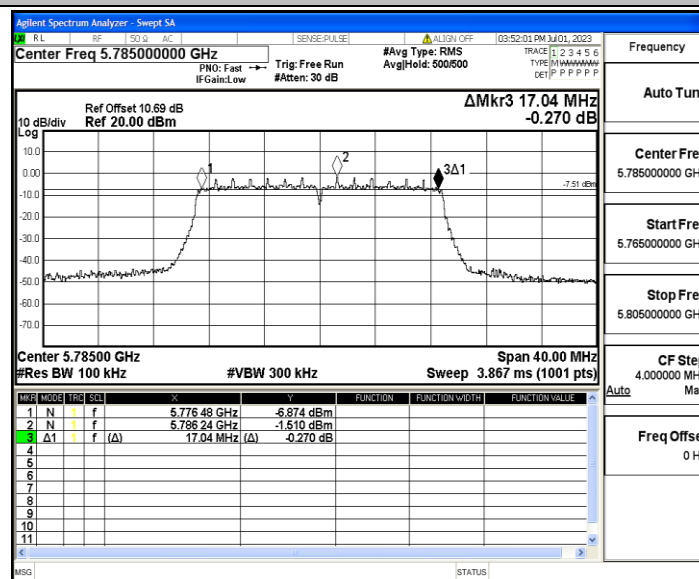
11N20MIMO_Ant1_5745



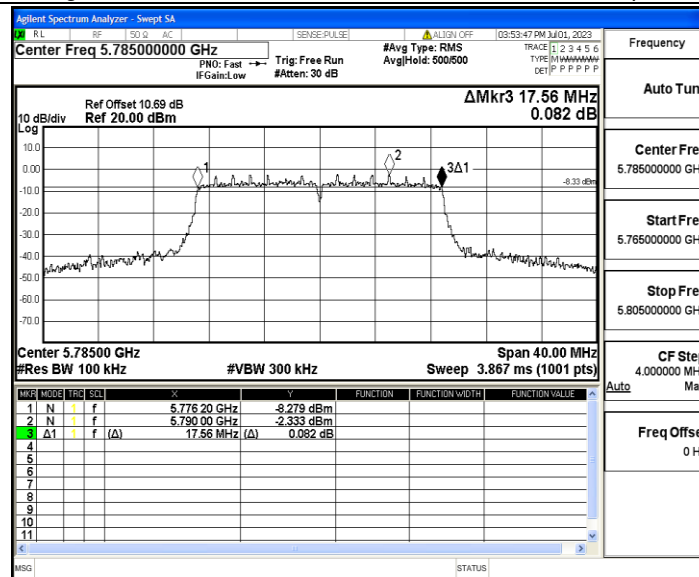
11N20MIMO_Ant2_5745



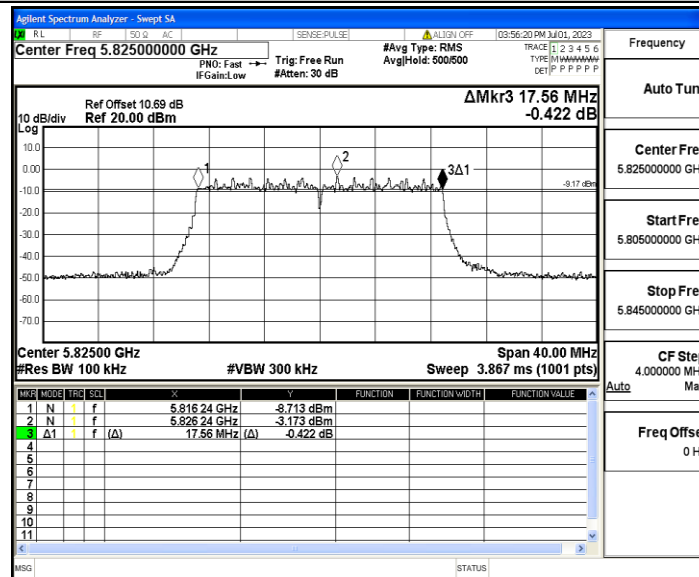
11N20MIMO_Ant1_5785



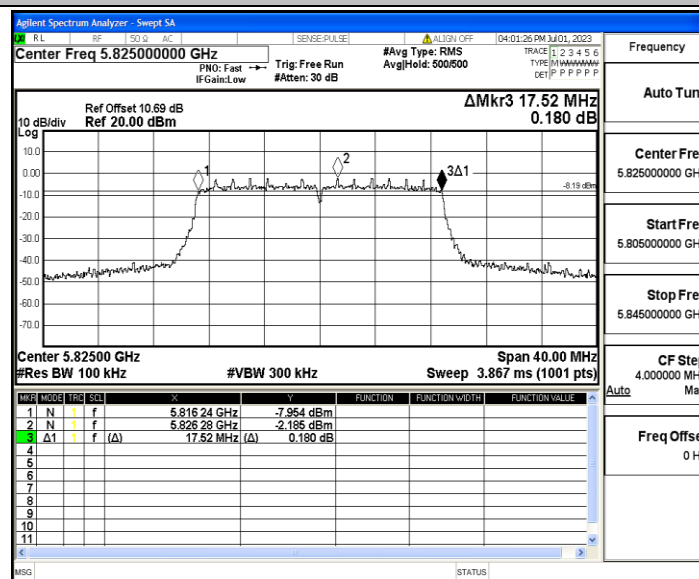
11N20MIMO_Ant2_5785



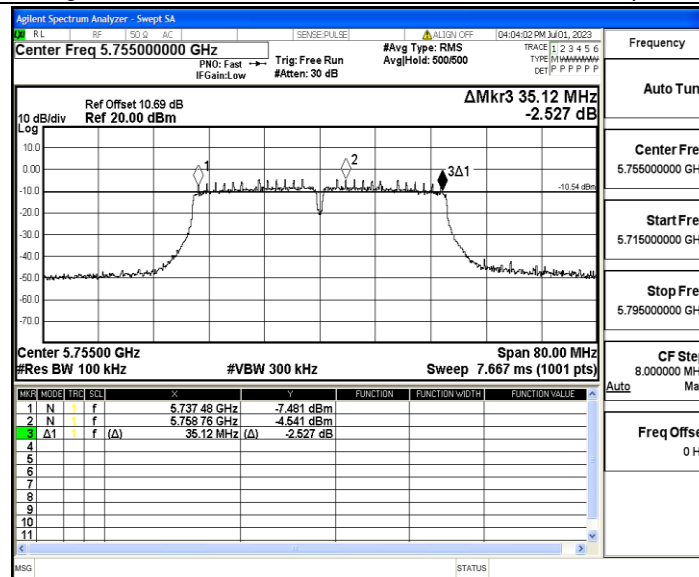
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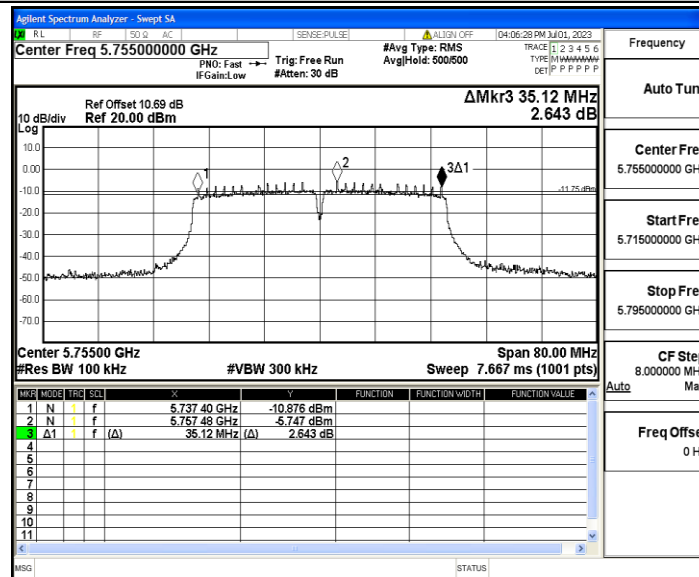
11N20MIMO_Ant2_5825



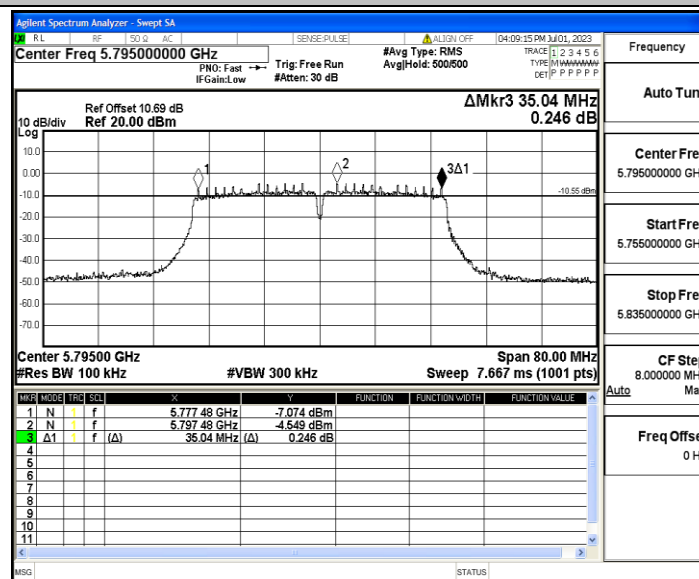
11N40MIMO_Ant1_5755



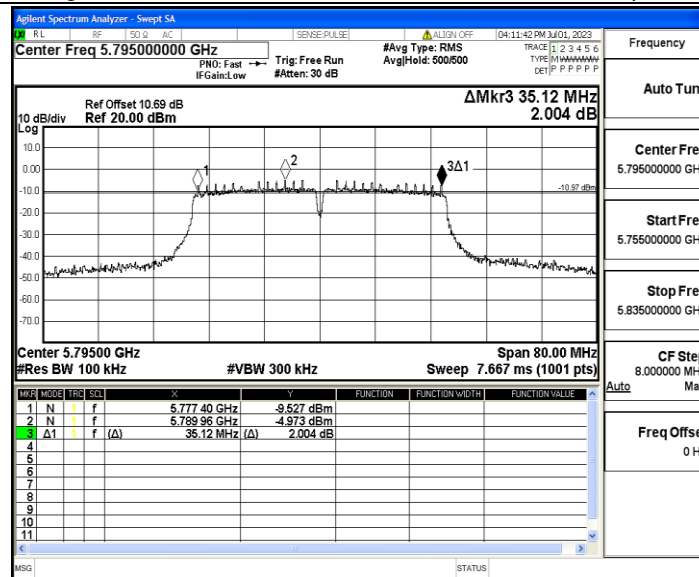
11N40MIMO_Ant2_5755



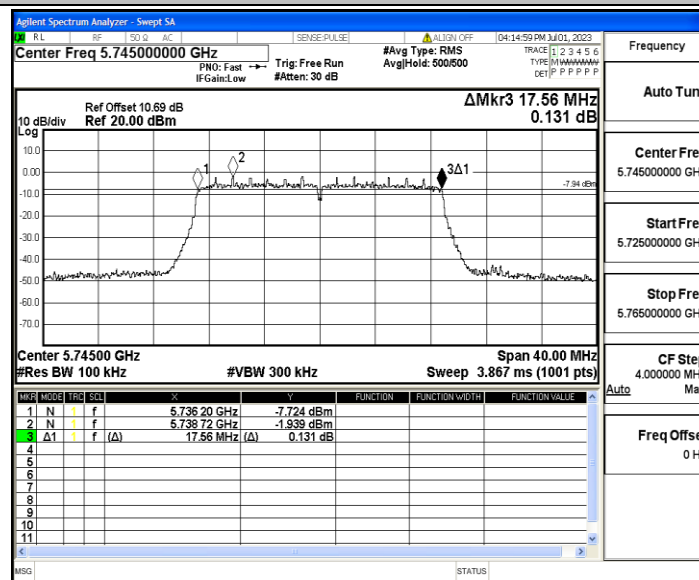
11N40MIMO_Ant1_5795



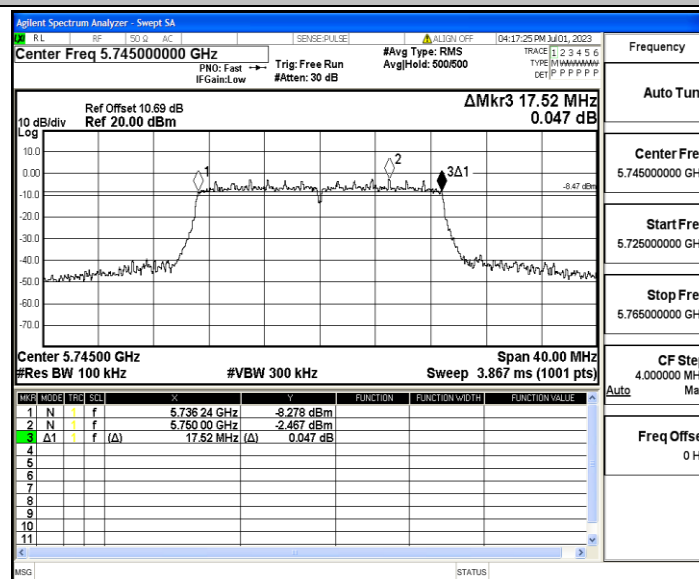
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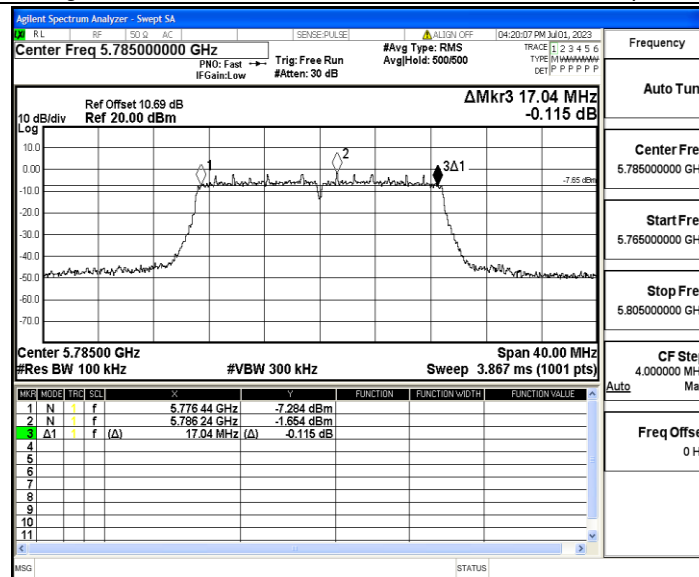
11AC20MIMO_Ant1_5745



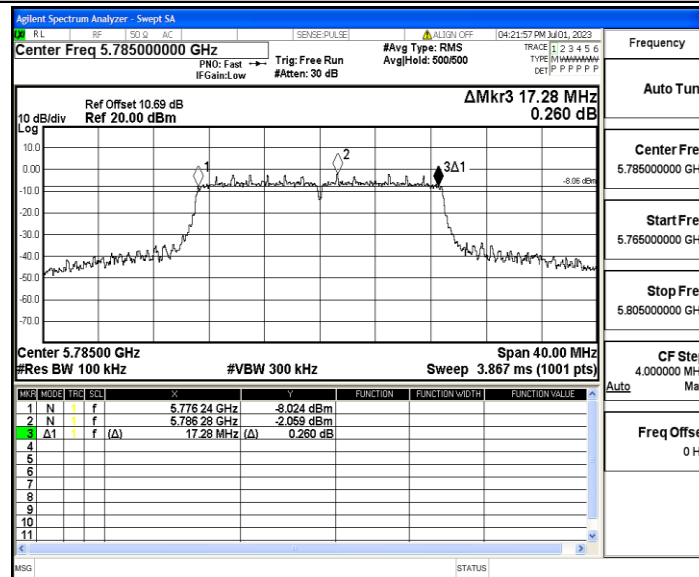
11AC20MIMO_Ant2_5745



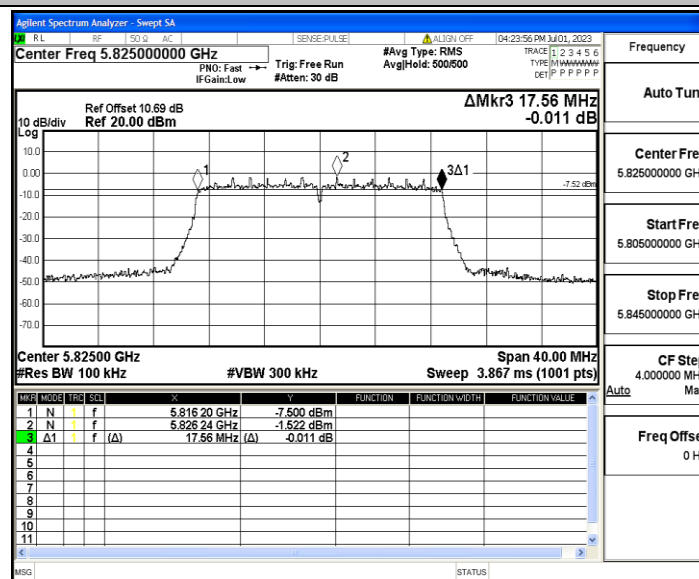
11AC20MIMO_Ant1_5785



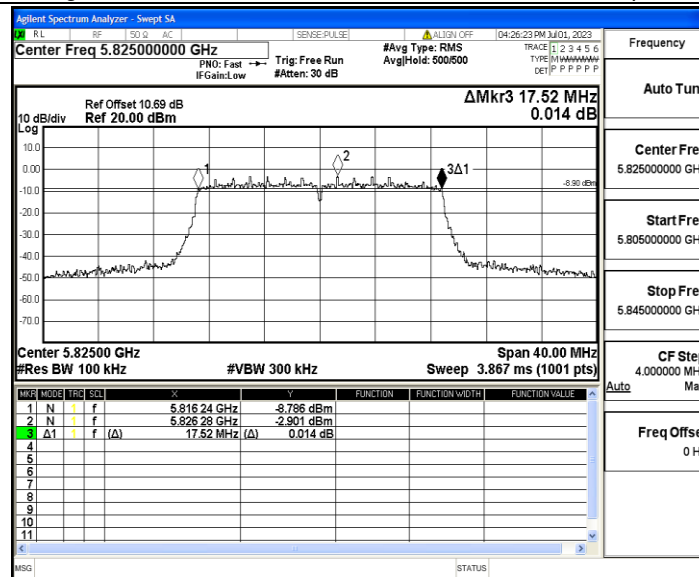
11AC20MIMO_Ant2_5785



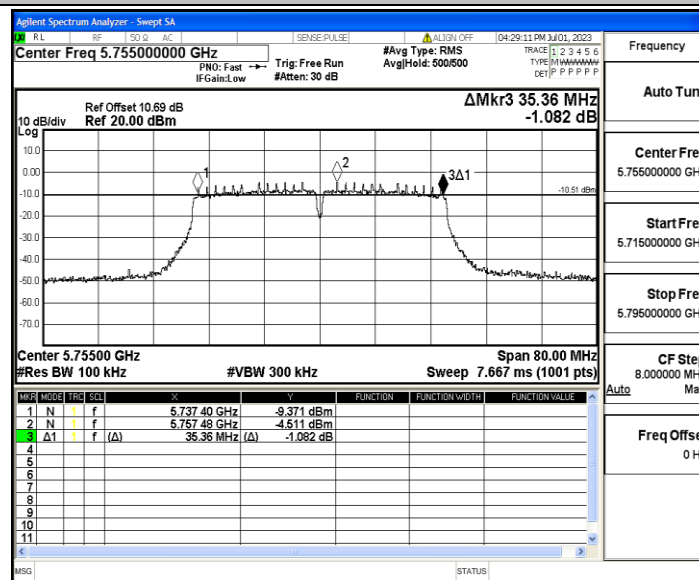
11AC20MIMO_Ant1_5825



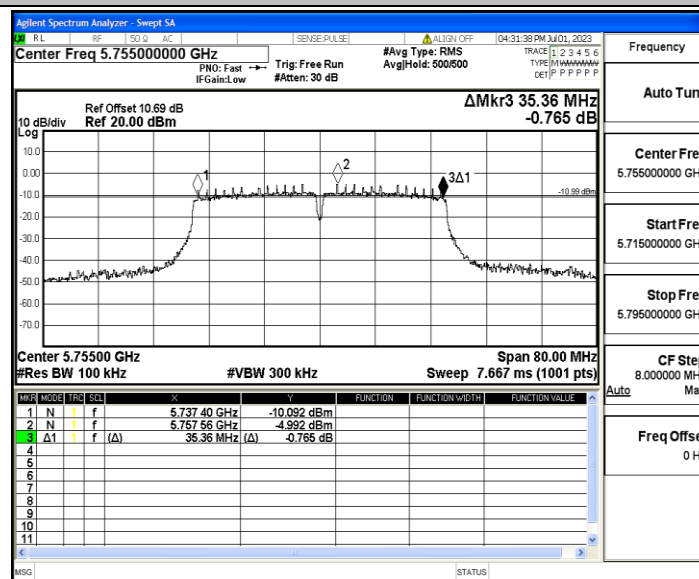
11AC20MIMO_Ant2_5825



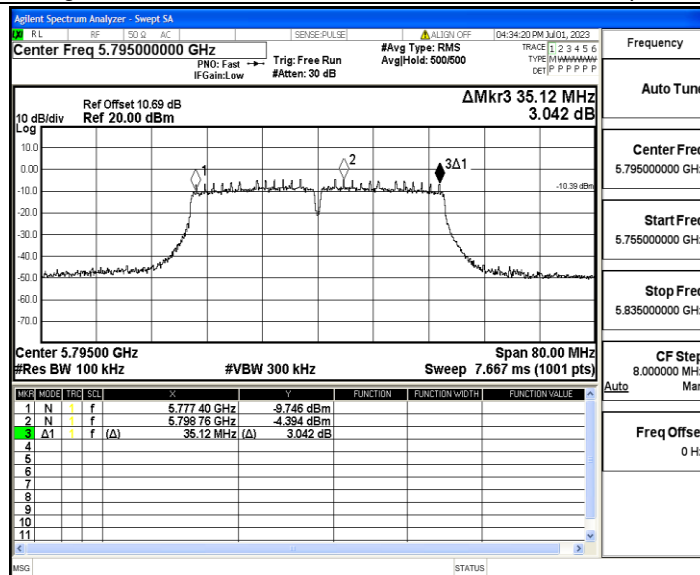
11AC40MIMO_Ant1_5755



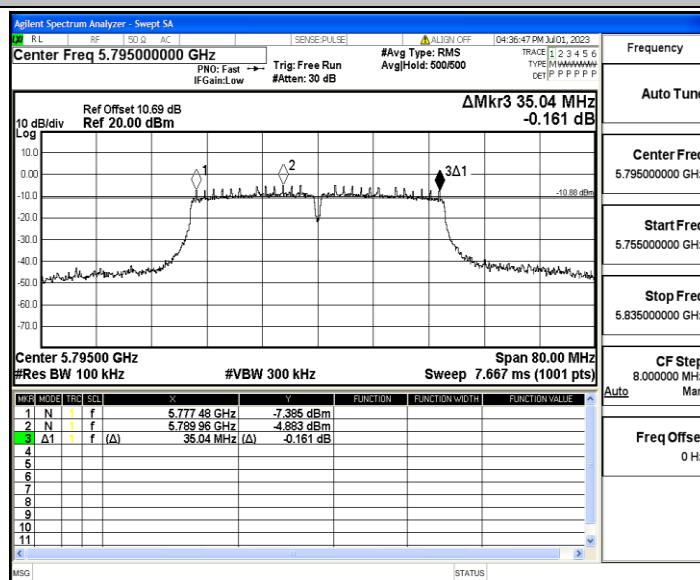
11AC40MIMO_Ant2_5755



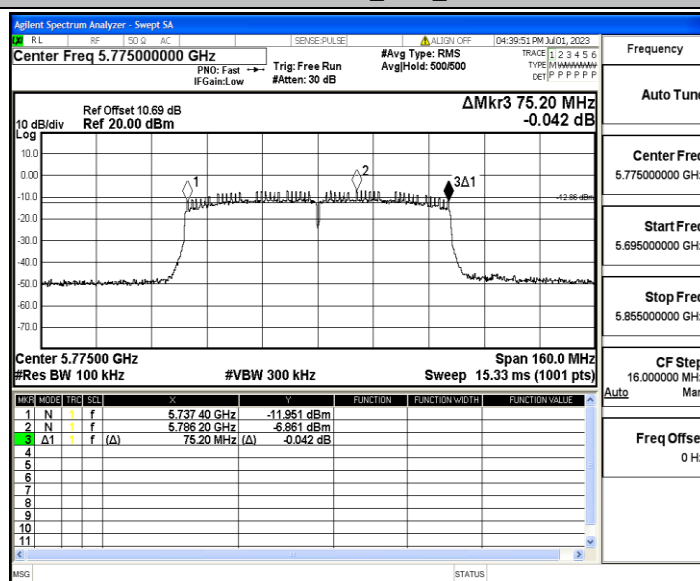
11AC40MIMO_Ant1_5795



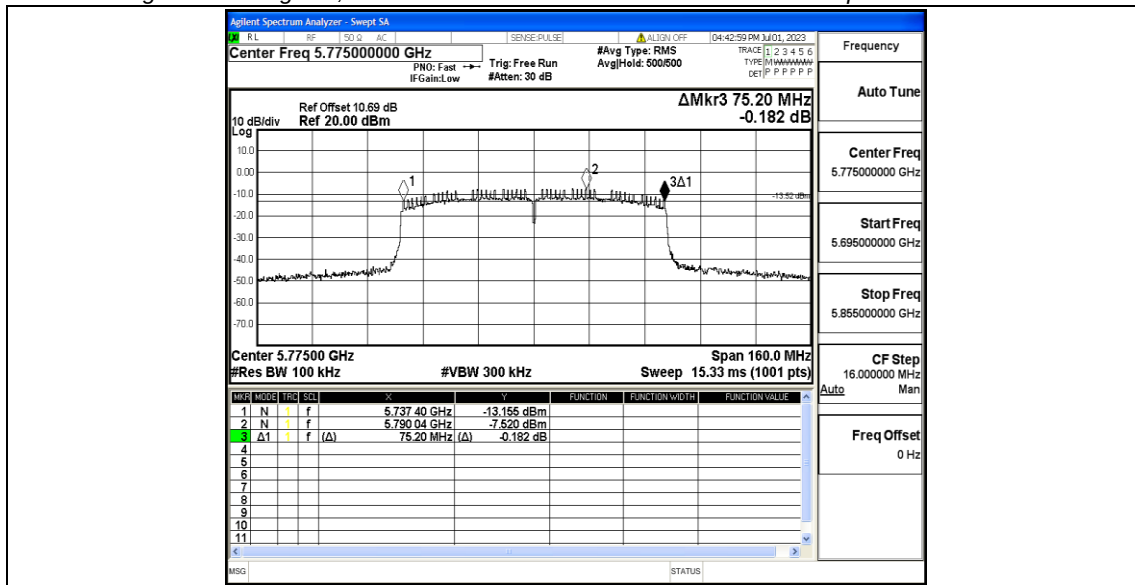
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	8.31	≤30.00	PASS
	Ant2	5745	7.89	≤30.00	PASS
	Ant1	5785	8.02	≤30.00	PASS
	Ant2	5785	8.15	≤30.00	PASS
	Ant1	5825	9.60	≤30.00	PASS
	Ant2	5825	8.33	≤30.00	PASS
11N20MIMO	Ant1	5745	9.52	≤30.00	PASS
	Ant2	5745	7.92	≤30.00	PASS
	total	5745	11.80	≤30.00	PASS
	Ant1	5785	9.39	≤30.00	PASS
	Ant2	5785	9.10	≤30.00	PASS
	total	5785	12.26	≤30.00	PASS
	Ant1	5825	9.99	≤30.00	PASS
	Ant2	5825	9.12	≤30.00	PASS
	total	5825	12.59	≤30.00	PASS
11N40MIMO	Ant1	5755	9.66	≤30.00	PASS
	Ant2	5755	8.09	≤30.00	PASS
	total	5755	11.96	≤30.00	PASS
	Ant1	5795	9.51	≤30.00	PASS
	Ant2	5795	9.10	≤30.00	PASS
	total	5795	12.32	≤30.00	PASS
11AC20MIMO	Ant1	5745	9.52	≤30.00	PASS
	Ant2	5745	8.78	≤30.00	PASS
	total	5745	12.18	≤30.00	PASS
	Ant1	5785	9.44	≤30.00	PASS
	Ant2	5785	9.07	≤30.00	PASS
	total	5785	12.27	≤30.00	PASS
	Ant1	5825	9.84	≤30.00	PASS
	Ant2	5825	8.35	≤30.00	PASS
	total	5825	12.17	≤30.00	PASS
11AC40MIMO	Ant1	5755	9.67	≤30.00	PASS
	Ant2	5755	9.08	≤30.00	PASS
	total	5755	12.40	≤30.00	PASS
	Ant1	5795	9.61	≤30.00	PASS
	Ant2	5795	9.07	≤30.00	PASS
	total	5795	12.36	≤30.00	PASS
11AC80MIMO	Ant1	5775	9.97	≤30.00	PASS
	Ant2	5775	9.38	≤30.00	PASS
	total	5775	12.70	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

Appendix C: Maximum power spectral density

Test Result

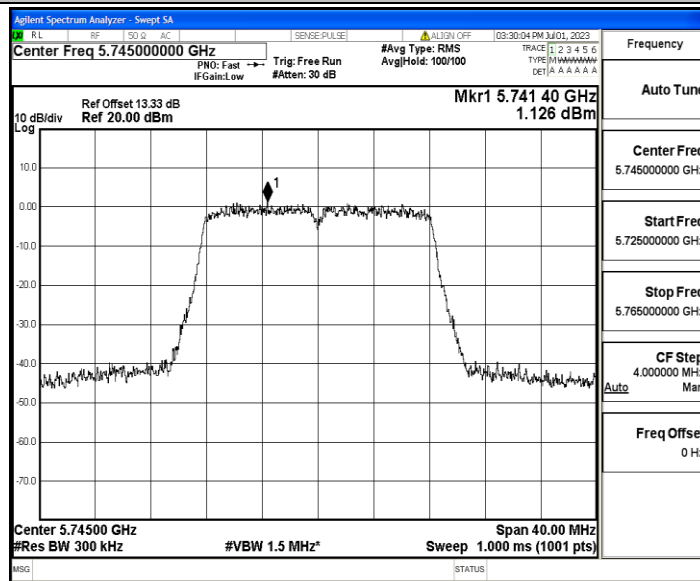
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	1.13	≤30.00	PASS
	Ant2	5745	0.78	≤30.00	PASS
	Ant1	5785	0.82	≤30.00	PASS
	Ant2	5785	1.46	≤30.00	PASS
	Ant1	5825	2.23	≤30.00	PASS
	Ant2	5825	1.62	≤30.00	PASS
11N20MIMO	Ant1	5745	1.9	≤30.00	PASS
	Ant2	5745	0.8	≤30.00	PASS
	total	5745	4.40	≤30.00	PASS
	Ant1	5785	2.1	≤30.00	PASS
	Ant2	5785	1.62	≤30.00	PASS
	total	5785	4.88	≤30.00	PASS
	Ant1	5825	2.38	≤30.00	PASS
	Ant2	5825	1.88	≤30.00	PASS
	total	5825	5.15	≤30.00	PASS
11N40MIMO	Ant1	5755	-0.24	≤30.00	PASS
	Ant2	5755	-1.84	≤30.00	PASS
	total	5755	2.04	≤30.00	PASS
	Ant1	5795	-0.43	≤30.00	PASS
	Ant2	5795	-1.3	≤30.00	PASS
	total	5795	2.17	≤30.00	PASS
11AC20MIMO	Ant1	5745	2.44	≤30.00	PASS
	Ant2	5745	1.55	≤30.00	PASS
	total	5745	5.03	≤30.00	PASS
	Ant1	5785	1.95	≤30.00	PASS
	Ant2	5785	2.24	≤30.00	PASS
	total	5785	5.11	≤30.00	PASS
	Ant1	5825	3.09	≤30.00	PASS
	Ant2	5825	0.98	≤30.00	PASS
	total	5825	5.17	≤30.00	PASS
11AC40MIMO	Ant1	5755	-0.48	≤30.00	PASS
	Ant2	5755	-1.02	≤30.00	PASS
	total	5755	2.27	≤30.00	PASS
	Ant1	5795	-0.62	≤30.00	PASS
	Ant2	5795	-1.14	≤30.00	PASS
	total	5795	2.14	≤30.00	PASS
11AC80MIMO	Ant1	5775	-2.84	≤30.00	PASS
	Ant2	5775	-2.67	≤30.00	PASS
	total	5775	0.26	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

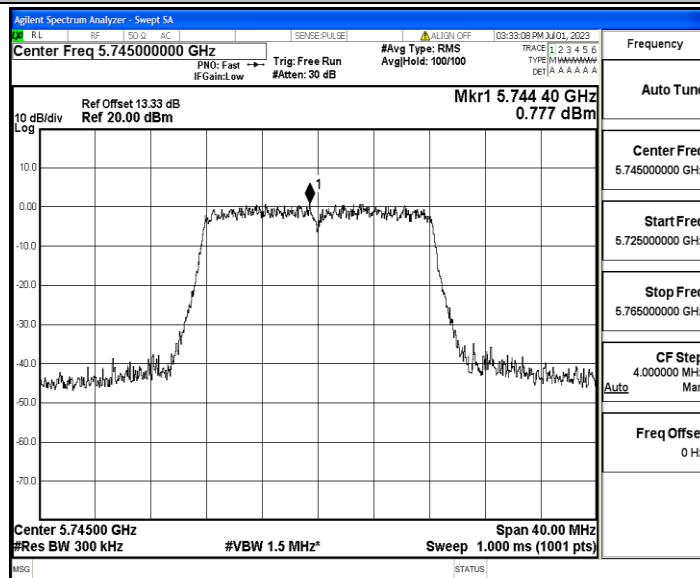
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

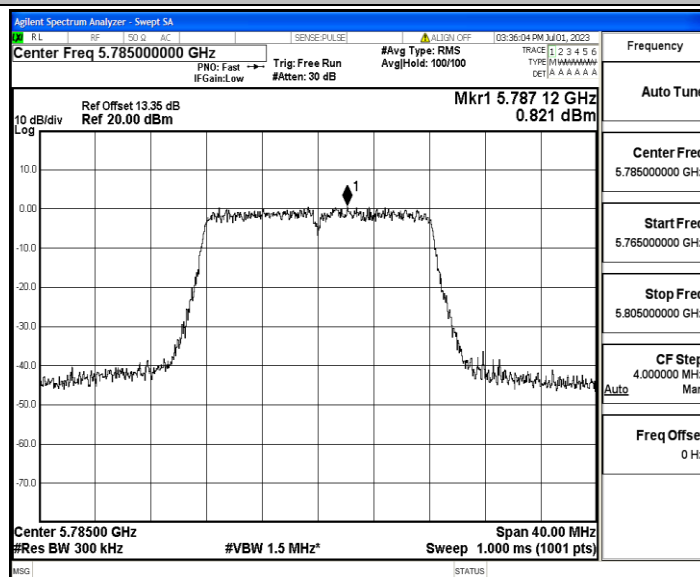
11A_Ant1_5745



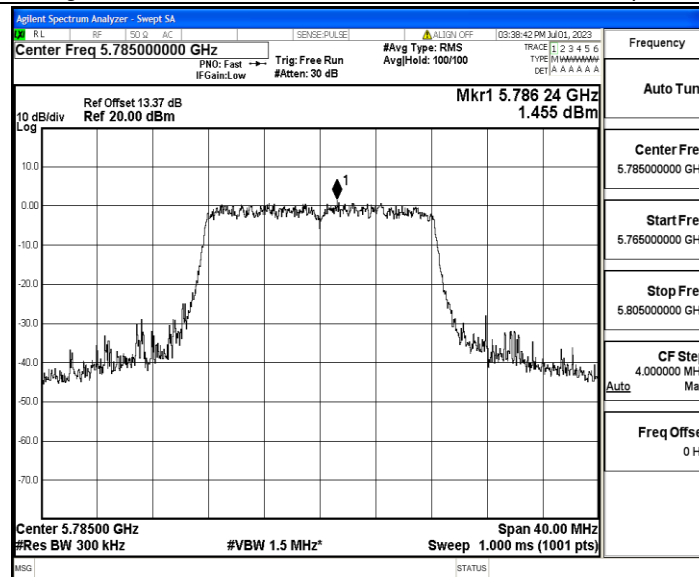
11A_Ant2_5745



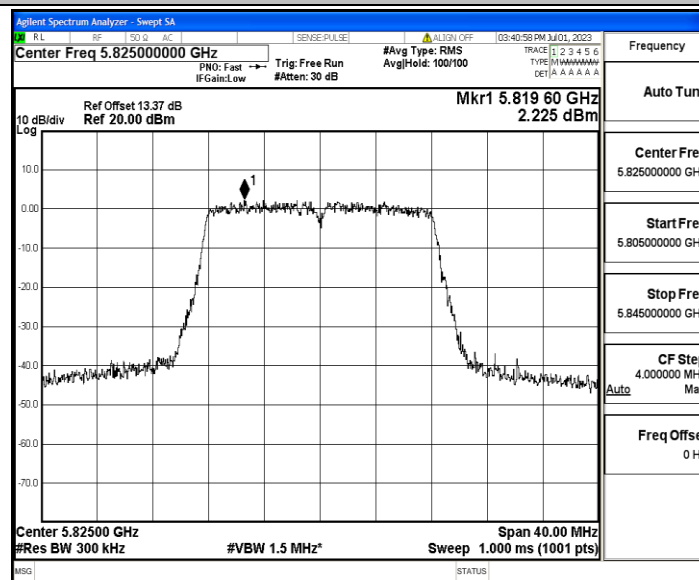
11A_Ant1_5785



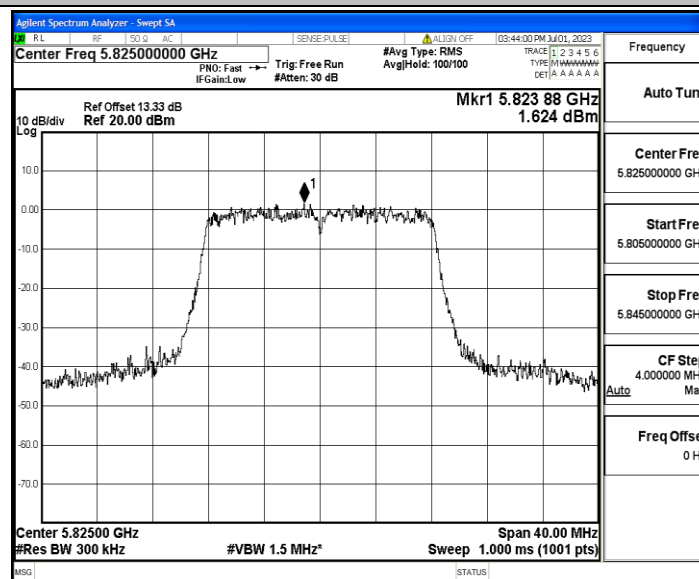
11A_Ant2_5785



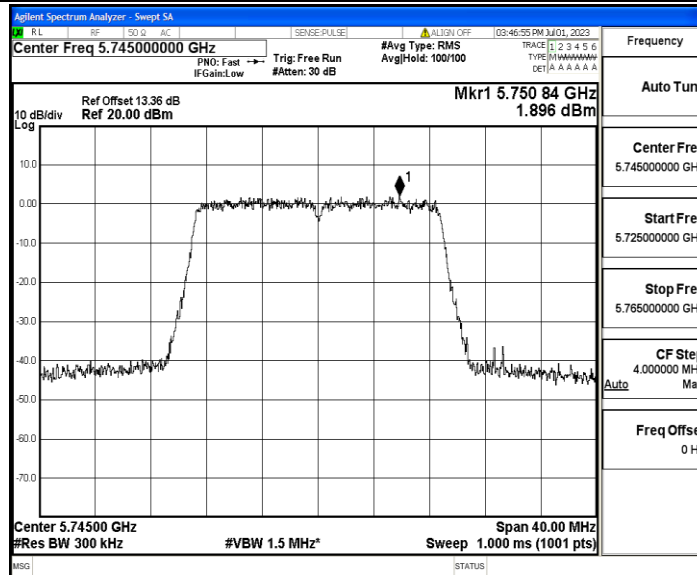
11A_Ant1_5825



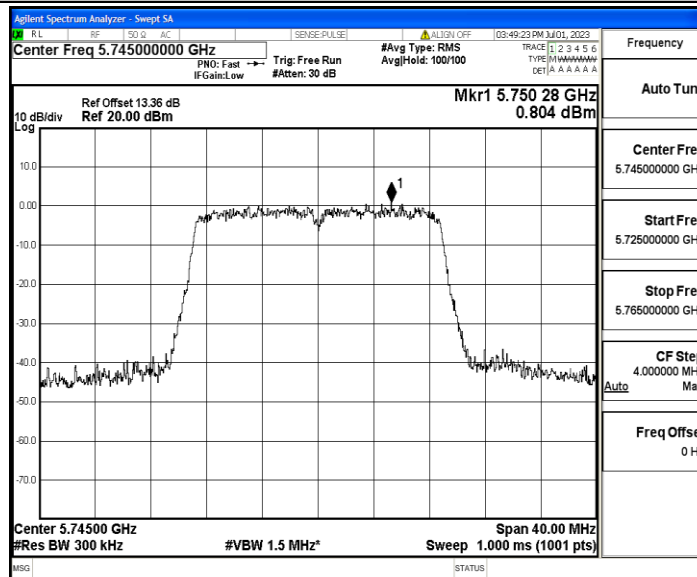
11A_Ant2_5825



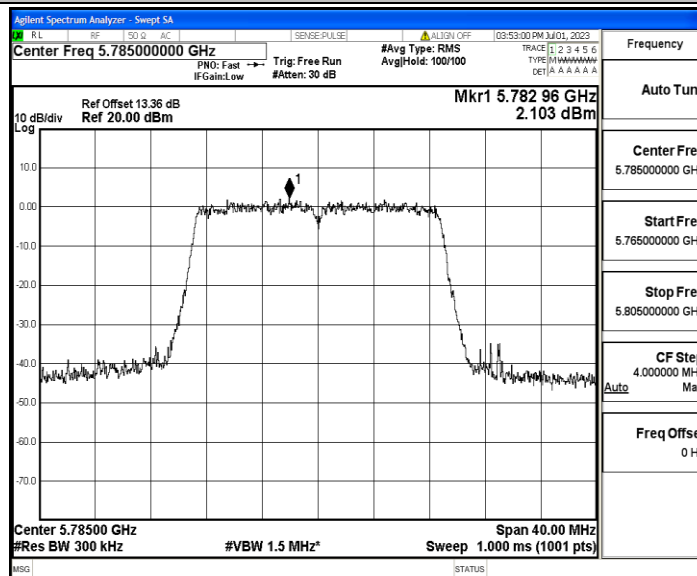
11N20MIMO_Ant1_5745



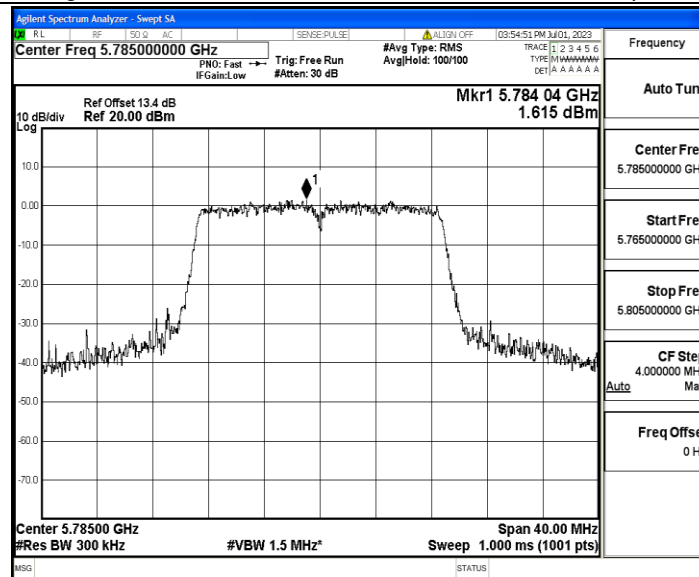
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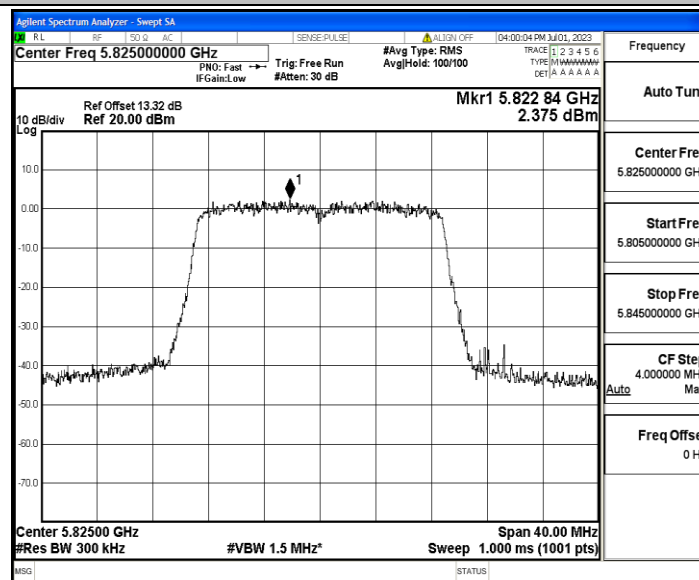
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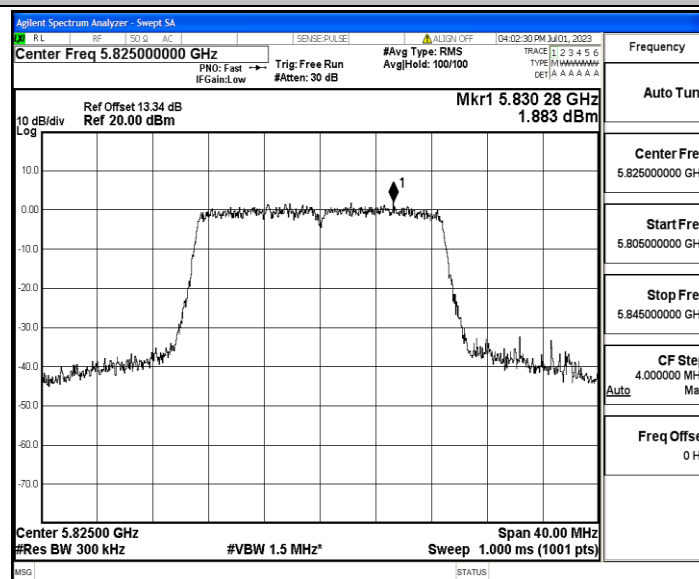
11N20MIMO_Ant2_5785



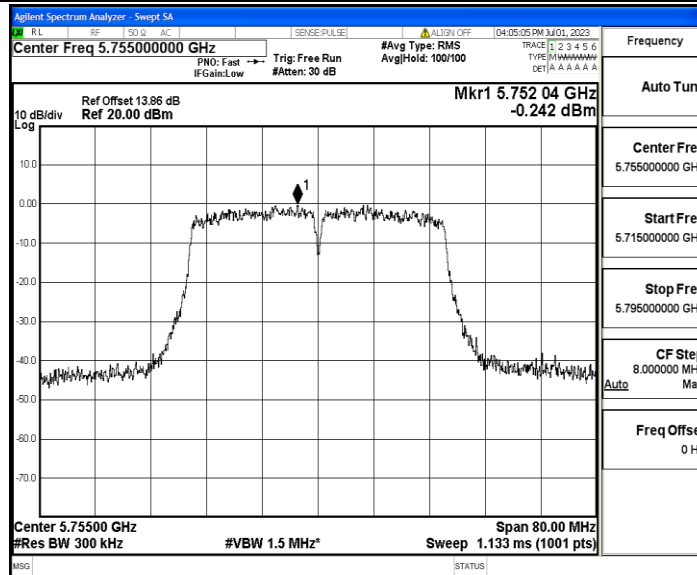
11N20MIMO_Ant1_5825



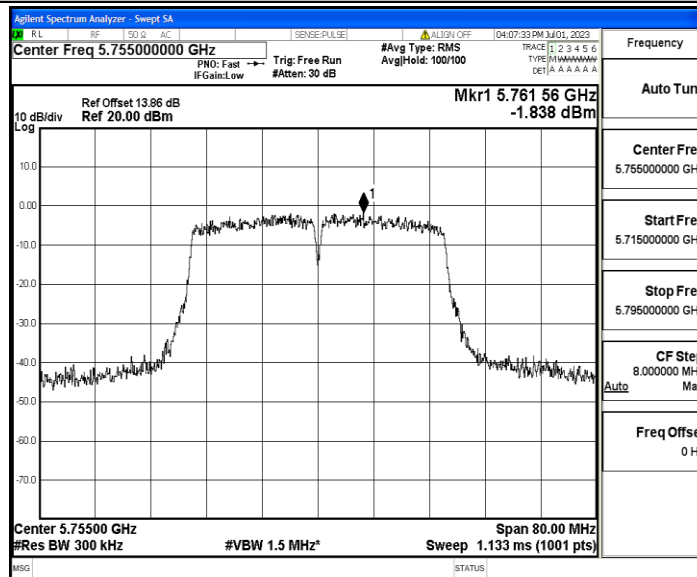
11N20MIMO_Ant2_5825



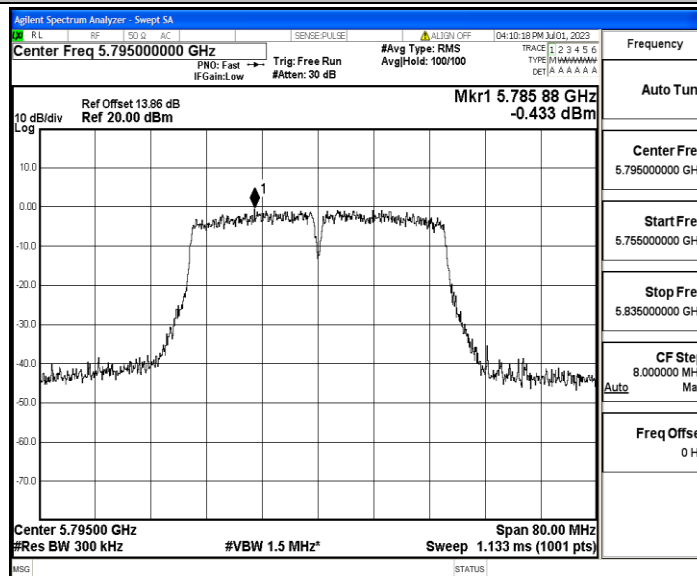
11N40MIMO_Ant1_5755



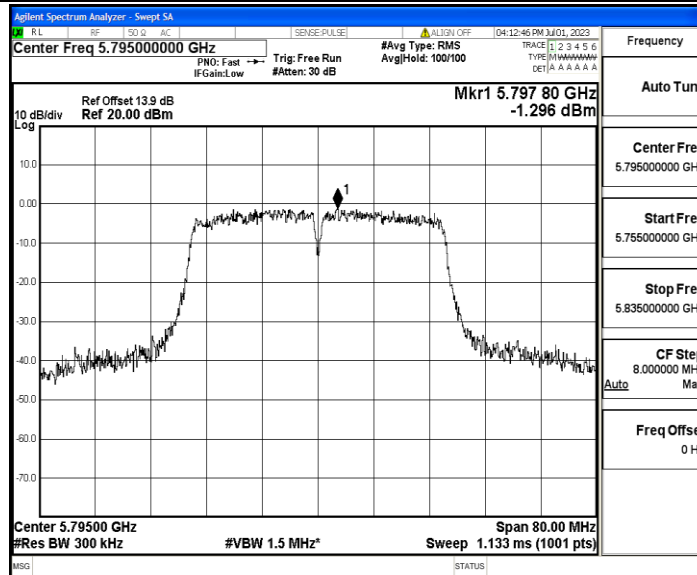
11N40MIMO_Ant2_5755



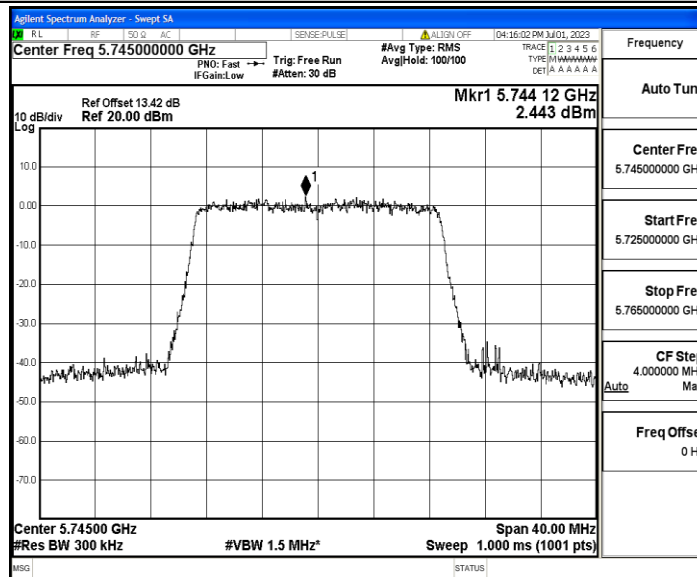
11N40MIMO_Ant1_5795



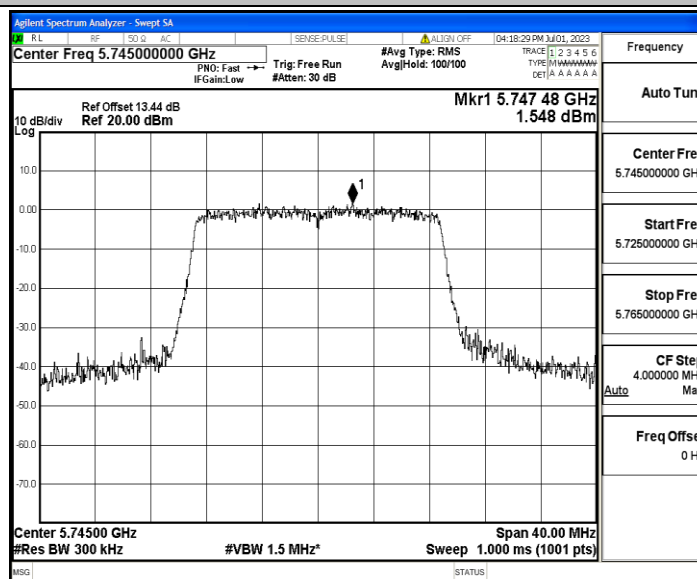
11N40MIMO_Ant2_5795



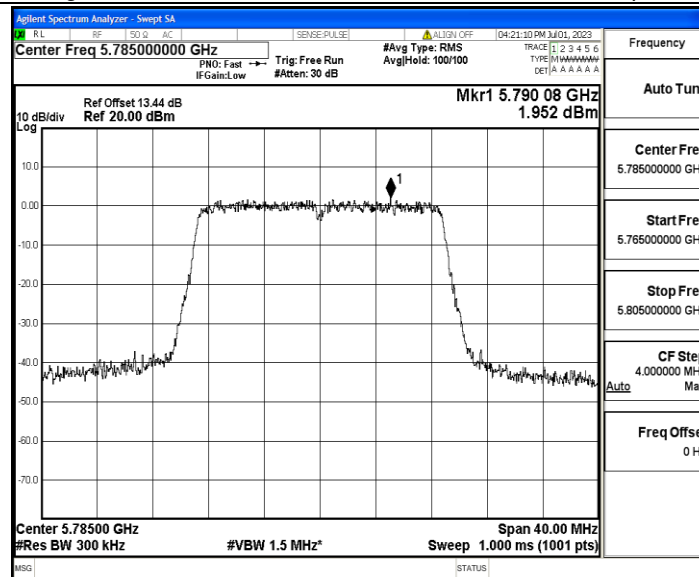
11AC20MIMO_Ant1_5745



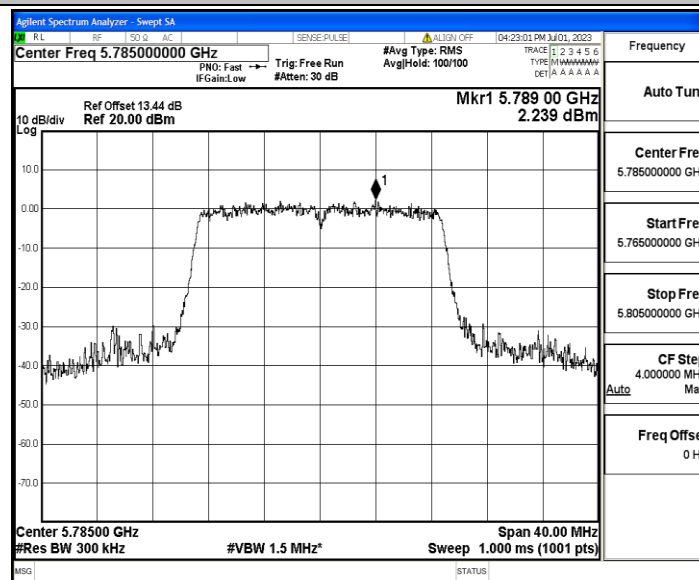
11AC20MIMO_Ant2_5745



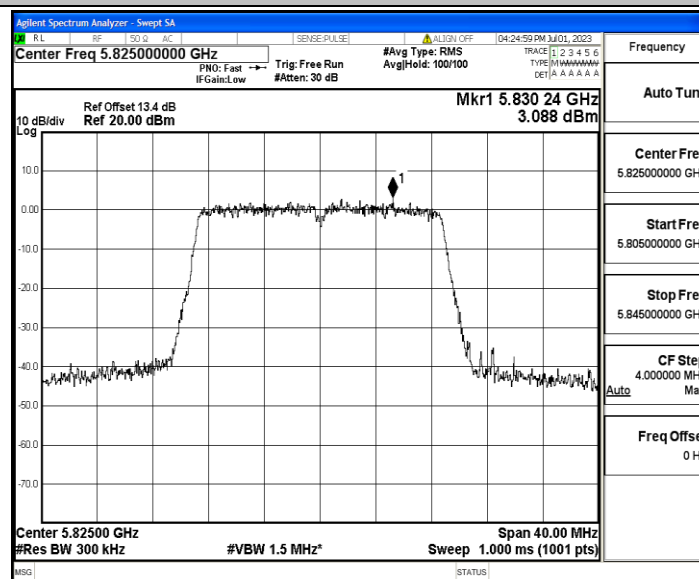
11AC20MIMO_Ant1_5785



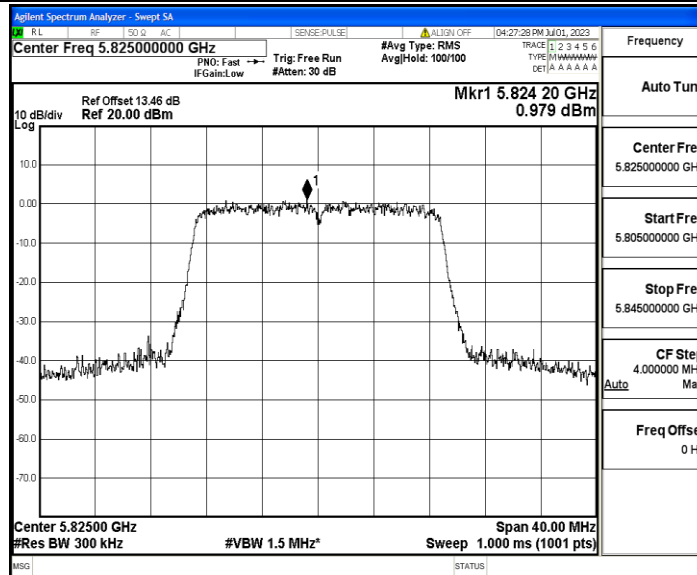
11AC20MIMO_Ant2_5785



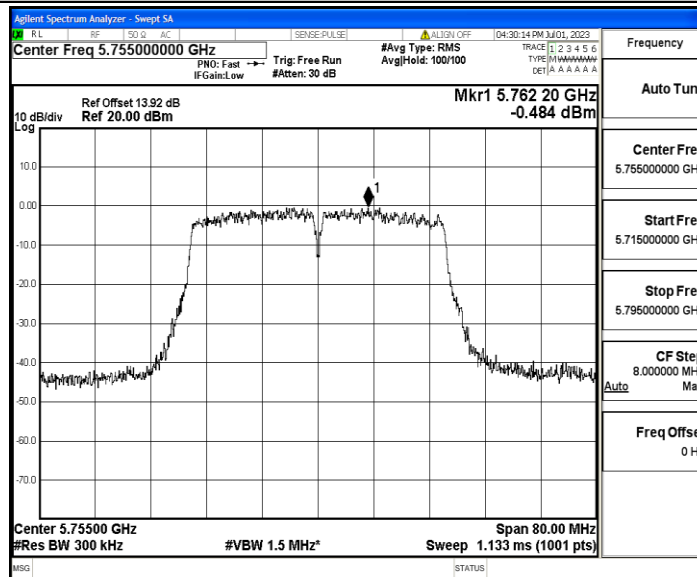
11AC20MIMO_Ant1_5825



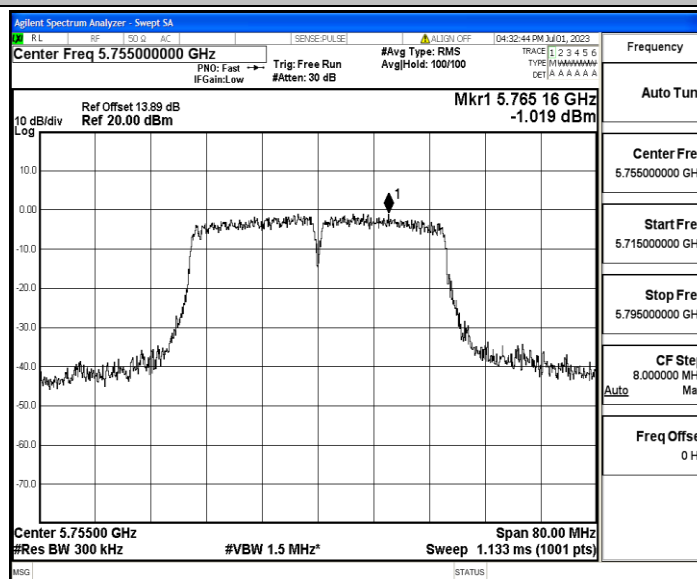
11AC20MIMO_Ant2_5825



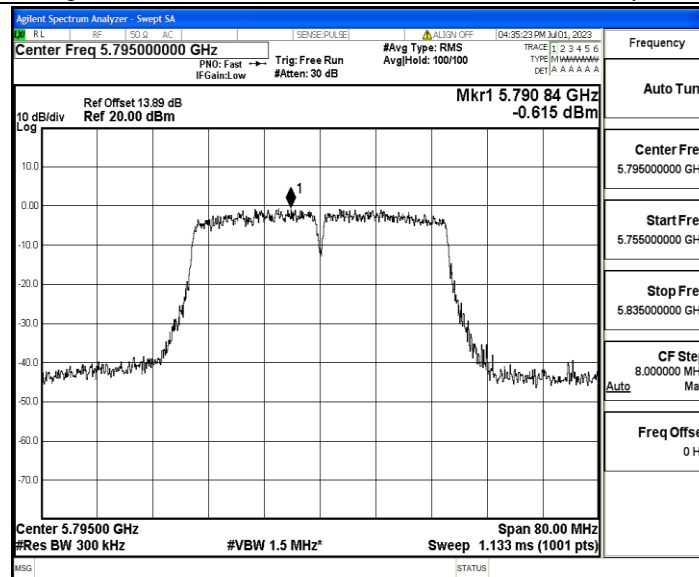
11AC40MIMO_Ant1_5755



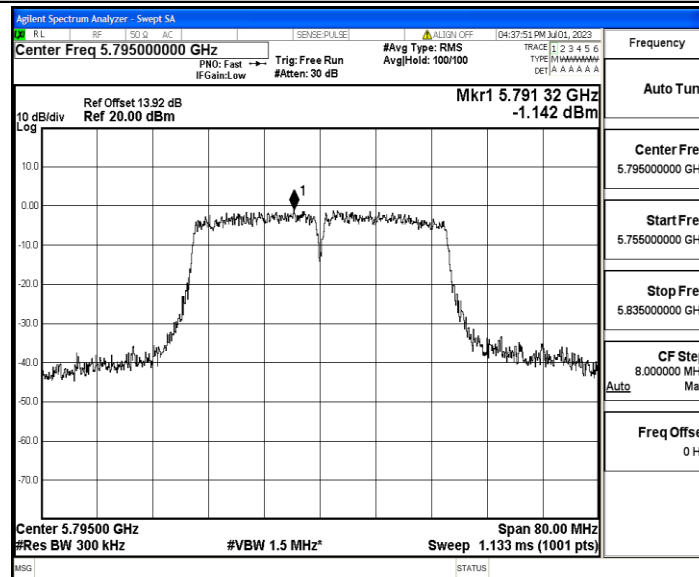
11AC40MIMO_Ant2_5755



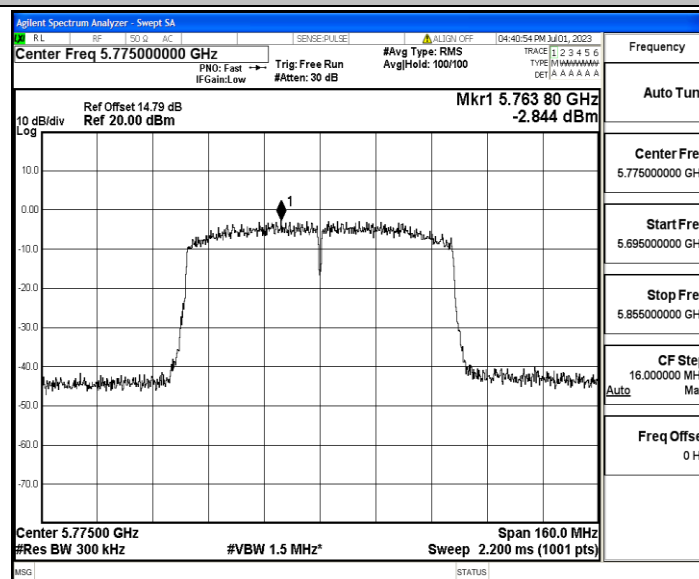
11AC40MIMO_Ant1_5795



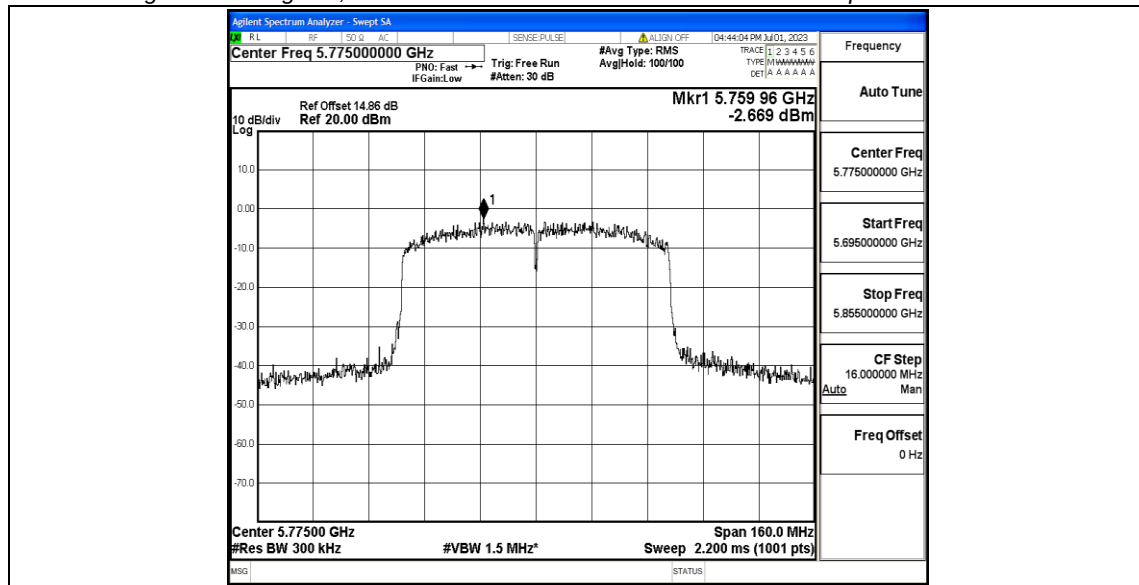
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix D: Band edge measurements

Test Result

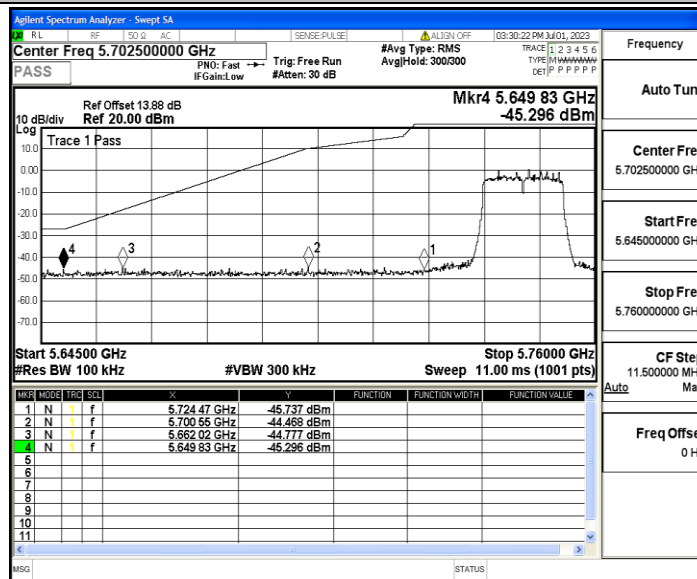
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-44.78	≤-18.11	PASS
				5700~5720	-44.47	≤10.15	PASS
				5720~5725	-45.74	≤25.78	PASS
				5760~5650	-45.3	≤-27	PASS
	Ant2	Low	5745	5650~5700	-44.54	≤-15.38	PASS
				5700~5720	-45.53	≤14.92	PASS
				5720~5725	-44.32	≤17.39	PASS
				5760~5650	-47.33	≤-27	PASS
	Ant1	High	5825	5850~5855	-44.98	≤22.87	PASS
				5855~5875	-43.83	≤13.46	PASS
				5875~5925	-43.88	≤3.81	PASS
				5925~5935	-45.13	≤-27	PASS
	Ant2	High	5825	5850~5855	-44.53	≤24.72	PASS
				5855~5875	-45.07	≤14.63	PASS
				5875~5925	-44.8	≤0.02	PASS
				5925~5935	-45.04	≤-27	PASS
11N20MI MO	Ant1	Low	5745	5650~5700	-45.13	≤6.40	PASS
				5700~5720	-44.99	≤12.05	PASS
				5720~5725	-44.13	≤25.52	PASS
				5760~5650	-46.06	≤-27	PASS
	Ant2	Low	5745	5650~5700	-45.49	≤4.96	PASS
				5700~5720	-45.65	≤15.01	PASS
				5720~5725	-45.34	≤20.54	PASS
				5760~5650	-46.74	≤-27	PASS
	Ant1	High	5825	5850~5855	-45.59	≤25.34	PASS
				5855~5875	-44.72	≤14.56	PASS
				5875~5925	-44.32	≤-25.26	PASS
				5925~5935	-44.22	≤-27	PASS
	Ant2	High	5825	5850~5855	-45.05	≤23.80	PASS
				5855~5875	-44.91	≤14.94	PASS
				5875~5925	-43.61	≤0.62	PASS
				5925~5935	-44.79	≤-27	PASS
11N40MI MO	Ant1	Low	5755	5650~5700	-44.85	≤-1.03	PASS
				5700~5720	-44.1	≤13.95	PASS
				5720~5725	-43.46	≤20.35	PASS
				5780~5650	-46.1	≤-27	PASS
	Ant2	Low	5755	5650~5700	-45.82	≤-7.42	PASS
				5700~5720	-44.31	≤14.97	PASS
				5720~5725	-43.13	≤23.74	PASS
				5780~5650	-46.45	≤-27	PASS

	Ant1	High	5795	5850~5855	-44.28	≤26.57	PASS
				5855~5875	-44.22	≤15.58	PASS
				5875~5925	-44.06	≤-13.74	PASS
				5925~5935	-44.13	≤-27	PASS
	Ant2	High	5795	5850~5855	-44.97	≤24.31	PASS
				5855~5875	-45.56	≤12.30	PASS
				5875~5925	-45	≤8.36	PASS
				5925~5935	-44.87	≤-27	PASS
11AC20M IMO	Ant1	Low	5745	5650~5700	-44.8	≤-18.45	PASS
				5700~5720	-45.24	≤14.63	PASS
				5720~5725	-44.07	≤23.42	PASS
				5760~5650	-46.36	≤-27	PASS
	Ant2	Low	5745	5650~5700	-44.84	≤3.85	PASS
				5700~5720	-45.58	≤13.50	PASS
				5720~5725	-45.57	≤26.04	PASS
				5760~5650	-46.34	≤-27	PASS
	Ant1	High	5825	5850~5855	-44.48	≤17.33	PASS
				5855~5875	-43.03	≤12.93	PASS
				5875~5925	-44.07	≤-12.47	PASS
				5925~5935	-44.68	≤-27	PASS
	Ant2	High	5825	5850~5855	-45.21	≤21.33	PASS
				5855~5875	-44.78	≤12.21	PASS
				5875~5925	-44.13	≤-11.97	PASS
				5925~5935	-45.77	≤-27	PASS
11AC40M IMO	Ant1	Low	5755	5650~5700	-44.1	≤-20.21	PASS
				5700~5720	-44.66	≤15.09	PASS
				5720~5725	-44.45	≤20.66	PASS
				5780~5650	-46.04	≤-27	PASS
	Ant2	Low	5755	5650~5700	-45.34	≤9.26	PASS
				5700~5720	-43.6	≤14.75	PASS
				5720~5725	-41.76	≤24.97	PASS
				5780~5650	-45.8	≤-27	PASS
	Ant1	High	5795	5850~5855	-44.58	≤22.80	PASS
				5855~5875	-44.16	≤13.27	PASS
				5875~5925	-44.67	≤-14.10	PASS
				5925~5935	-45.39	≤-27	PASS
	Ant2	High	5795	5850~5855	-45.84	≤20.17	PASS
				5855~5875	-45.48	≤13.60	PASS
				5875~5925	-44.36	≤-19.72	PASS
				5925~5935	-44.53	≤-27	PASS
11AC80M IMO	Ant1	Low	5775	5650~5700	-44.78	≤9.10	PASS
				5700~5720	-44.16	≤11.48	PASS
				5720~5725	-44.5	≤15.65	PASS
				5800~5650	-46	≤-27	PASS
		High	5775	5850~5855	-43.74	≤17.48	PASS
				5855~5875	-43.92	≤13.39	PASS

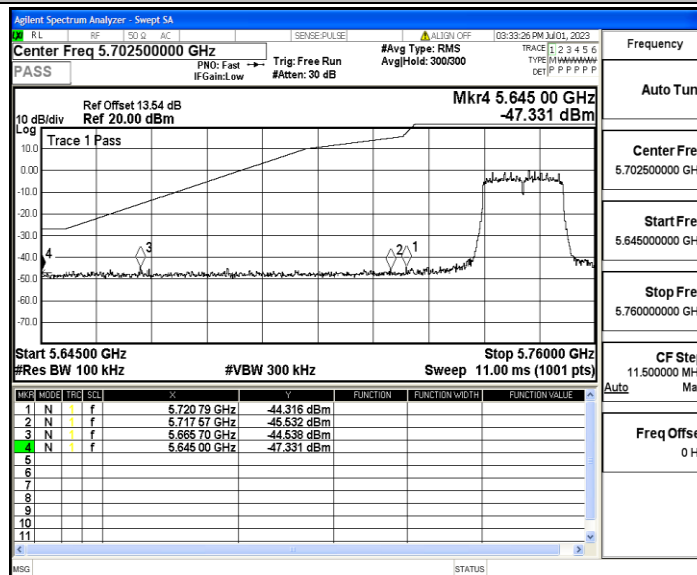
				5875~5925	-43.89	≤ -24.08	PASS
				5925~5935	-44.86	≤ -27	PASS
	Ant2	Low	5775	5650~5700	-45.22	≤ -1.34	PASS
				5700~5720	-42.49	≤ 15.00	PASS
				5720~5725	-42.52	≤ 24.48	PASS
				5800~5650	-45.85	≤ -27	PASS
		High	5775	5850~5855	-44.34	≤ 18.32	PASS
				5855~5875	-44.5	≤ 13.39	PASS
				5875~5925	-45.08	≤ -20.25	PASS
				5925~5935	-44.99	≤ -27	PASS

Test Graphs

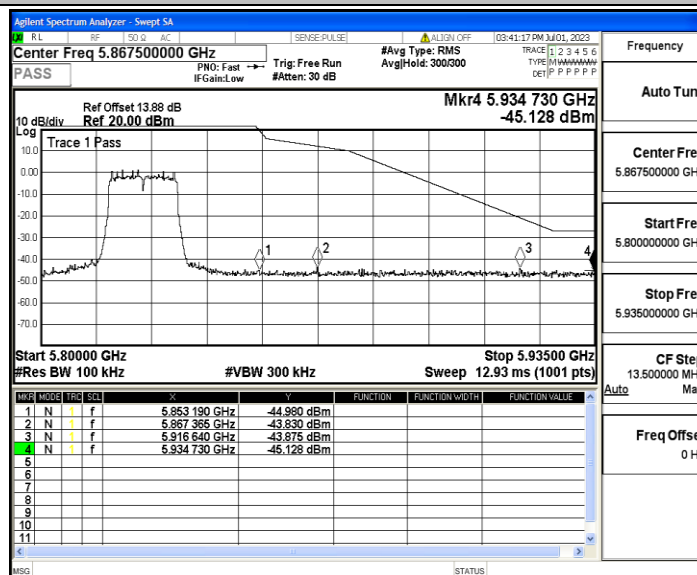
11A_Ant1_Low_5745



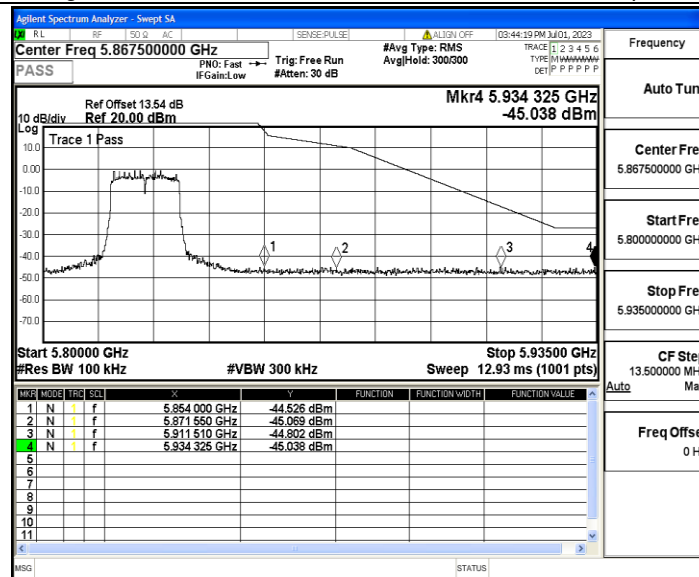
11A_Ant2_Low_5745



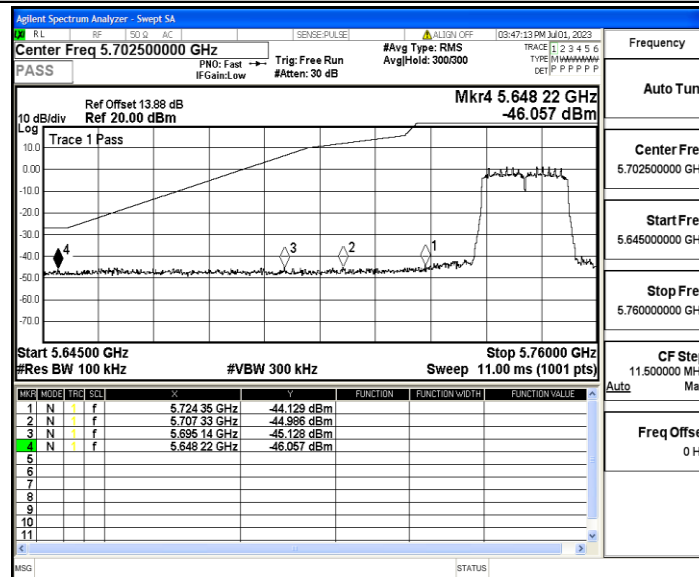
11A_Ant1_High_5825



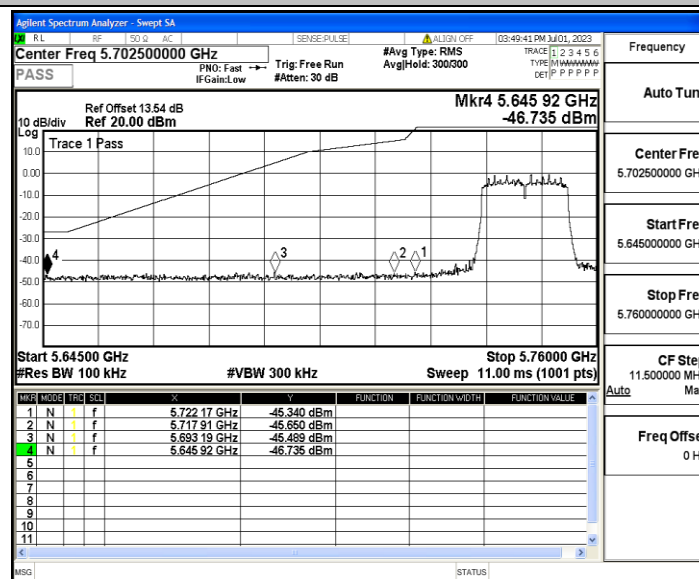
11A_Ant2_High_5825



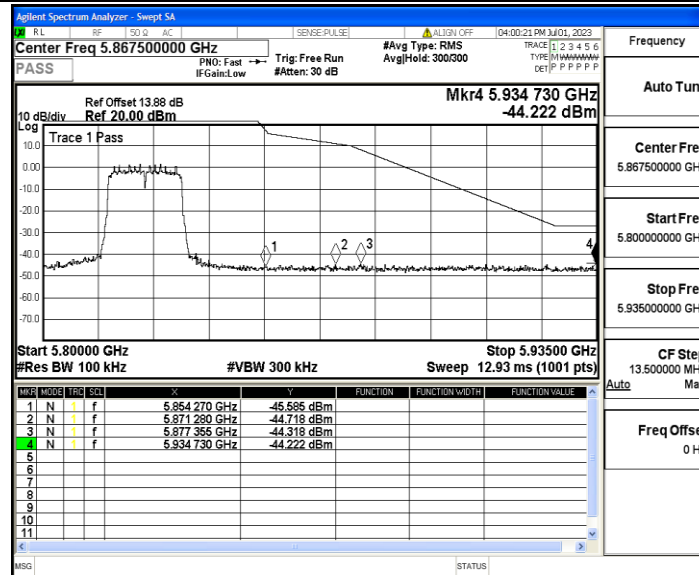
11N20MIMO_Ant1_Low_5745



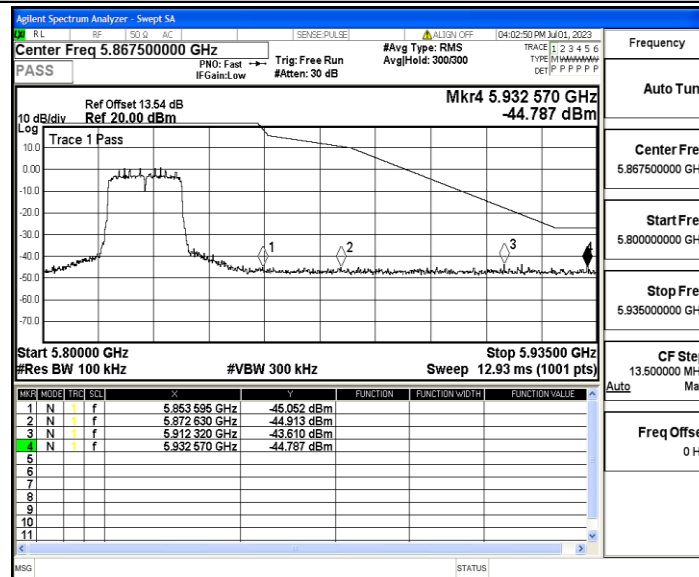
11N20MIMO_Ant2_Low_5745



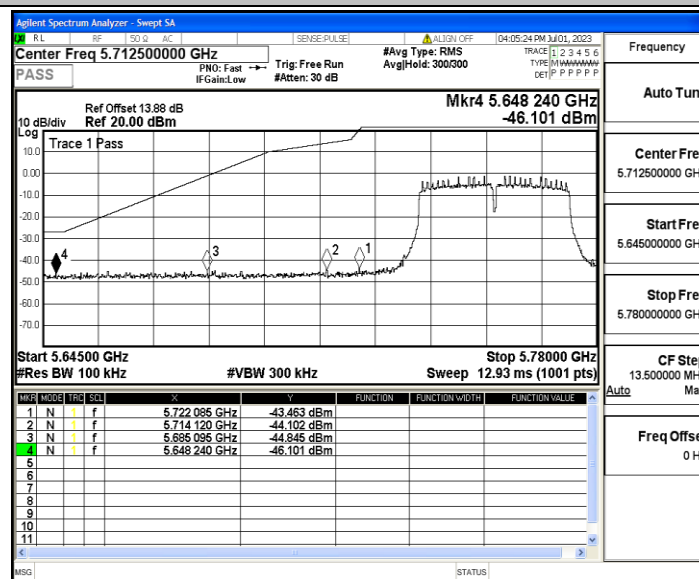
11N20MIMO_Ant1_High_5825



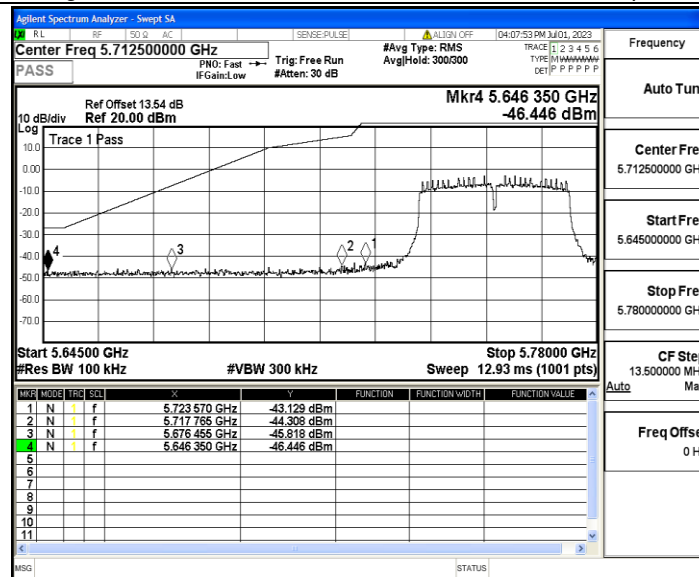
11N20MIMO_Ant2_High_5825



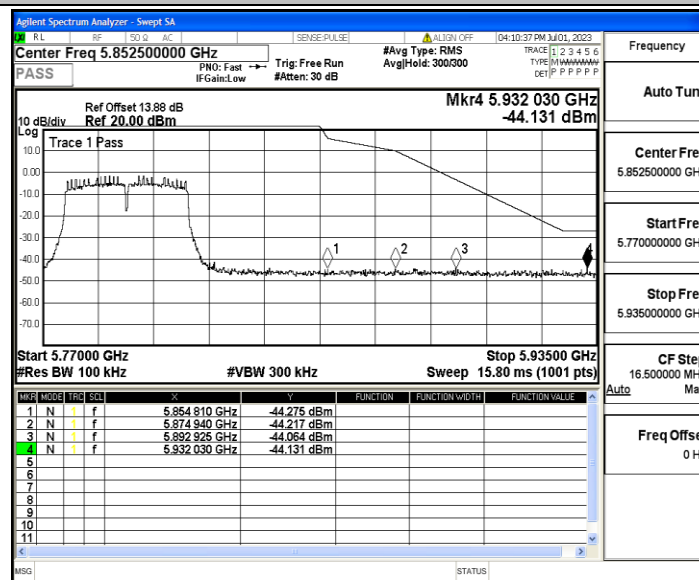
11N40MIMO_Ant1_Low_5755



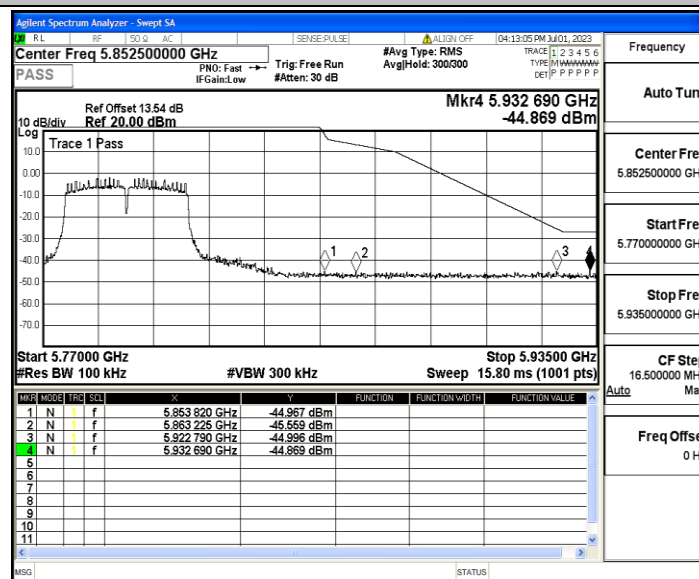
11N40MIMO_Ant2_Low_5755



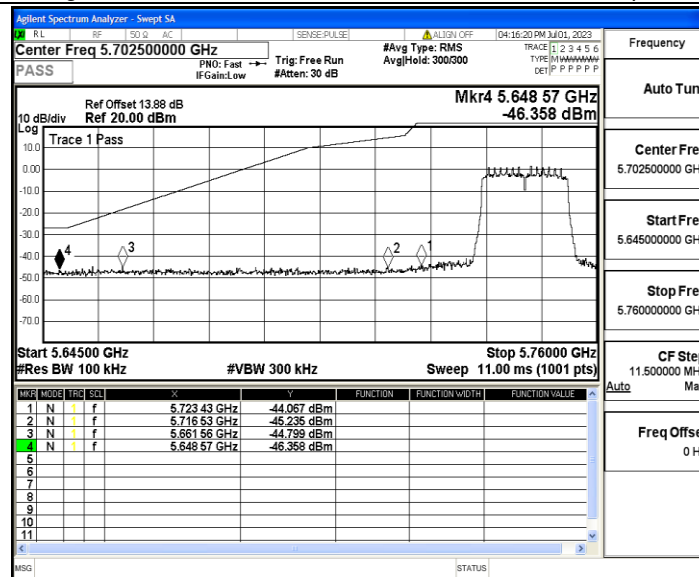
11N40MIMO_Ant1_High_5795



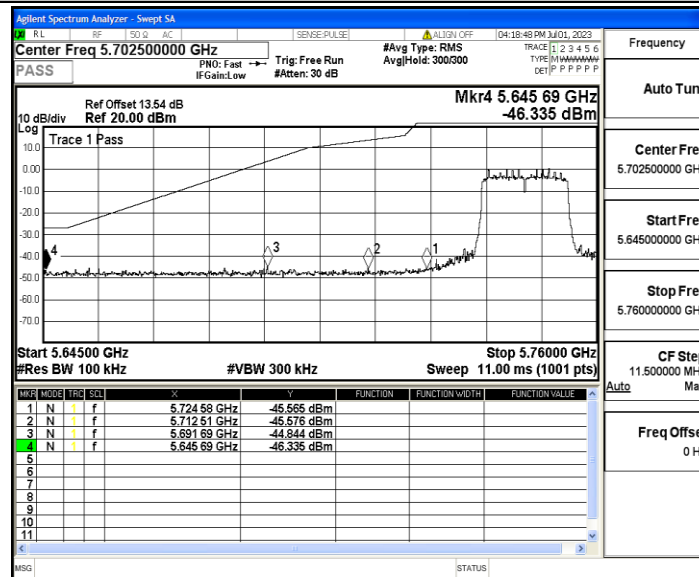
11N40MIMO_Ant2_High_5795



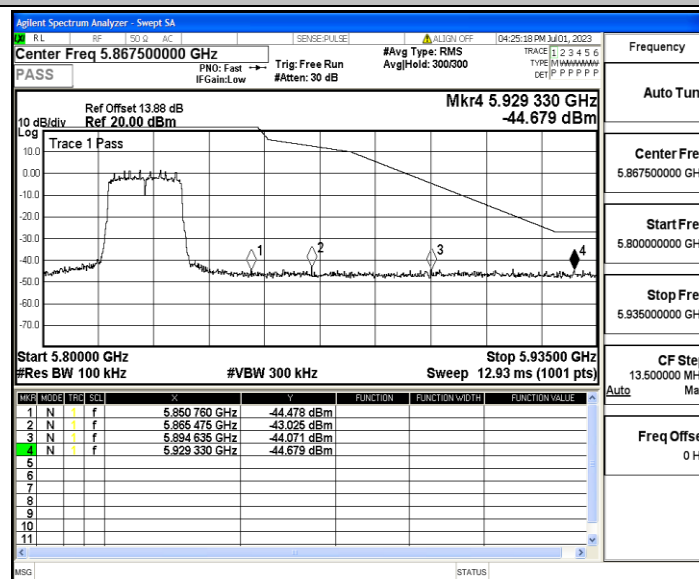
11AC20MIMO_Ant1_Low_5745



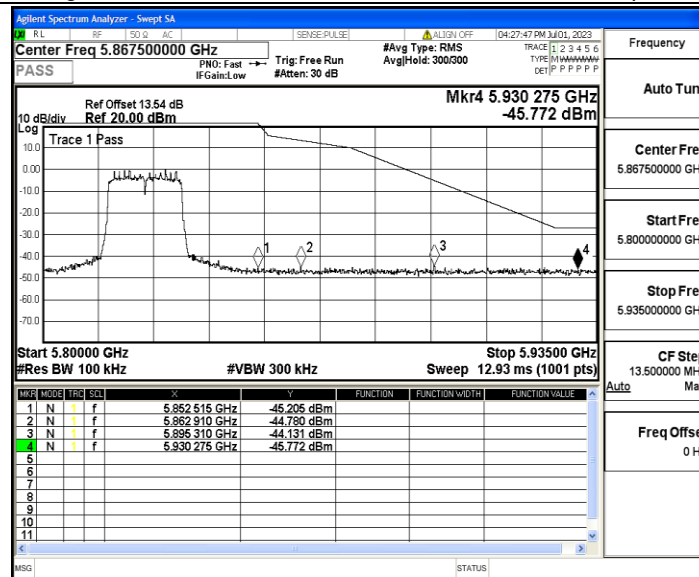
11AC20MIMO_Ant2_Low_5745



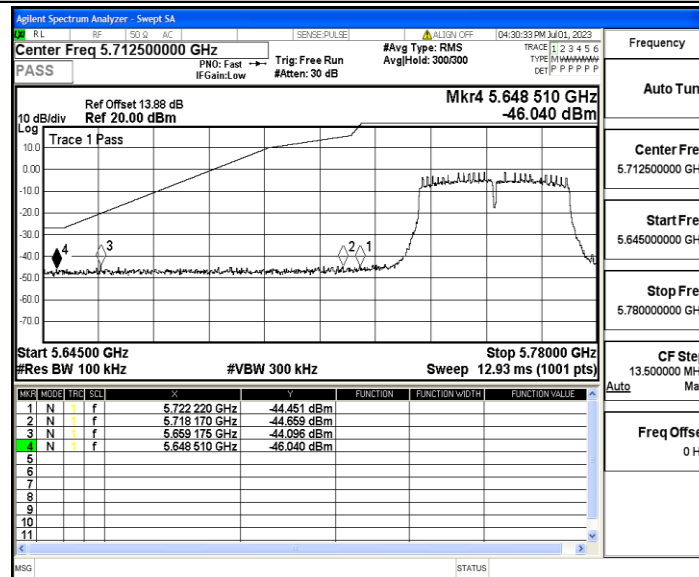
11AC20MIMO_Ant1_High_5825



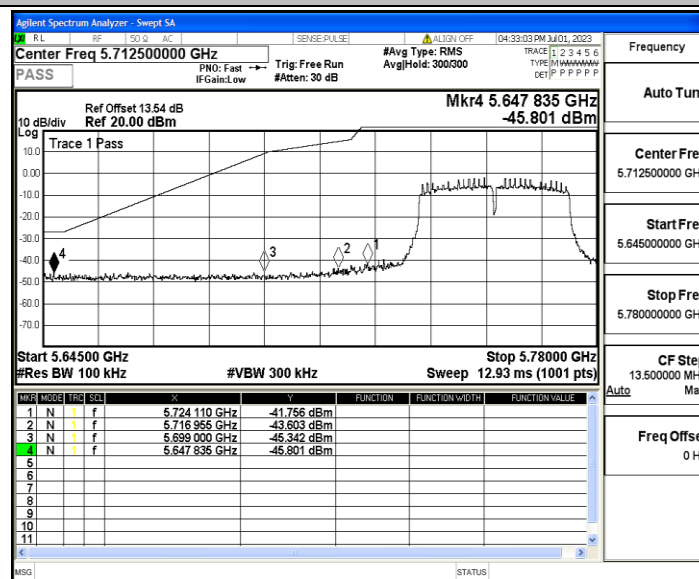
11AC20MIMO_Ant2_High_5825



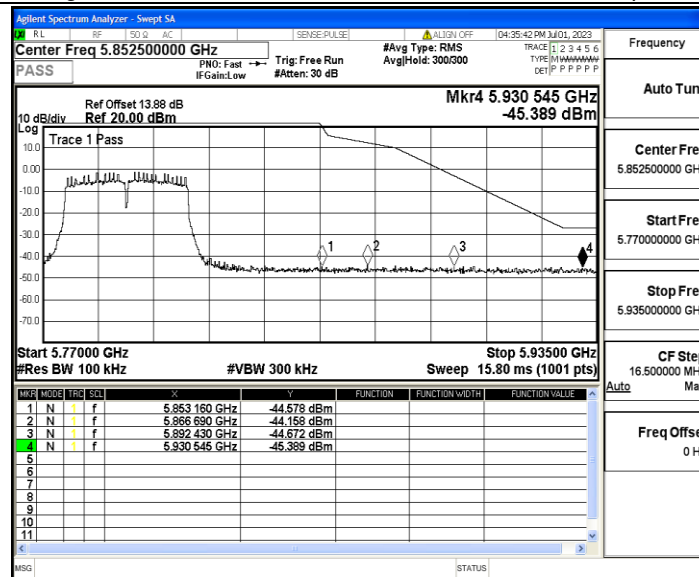
11AC40MIMO_Ant1_Low_5755



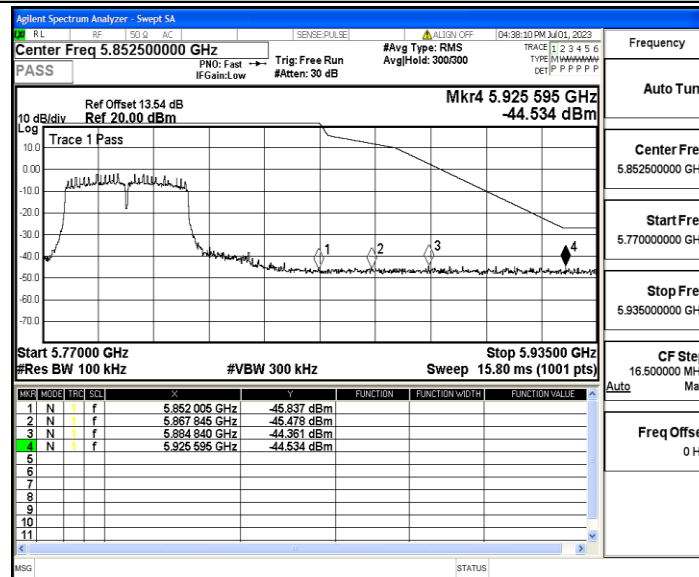
11AC40MIMO_Ant2_Low_5755



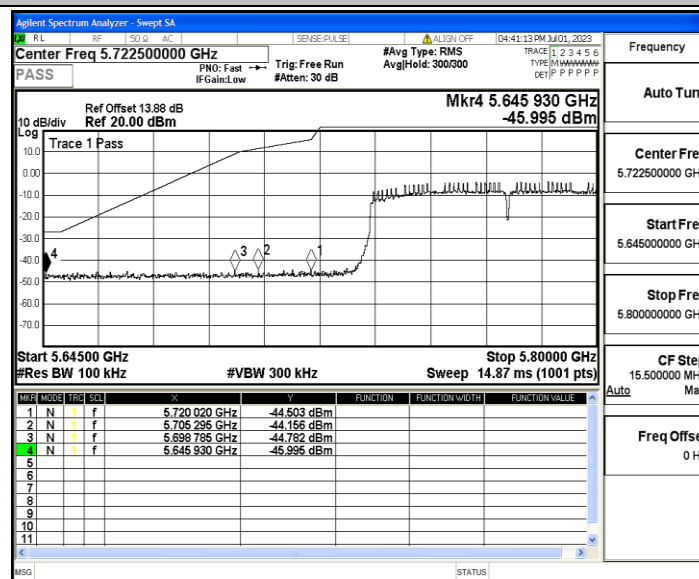
11AC40MIMO_Ant1_High_5795



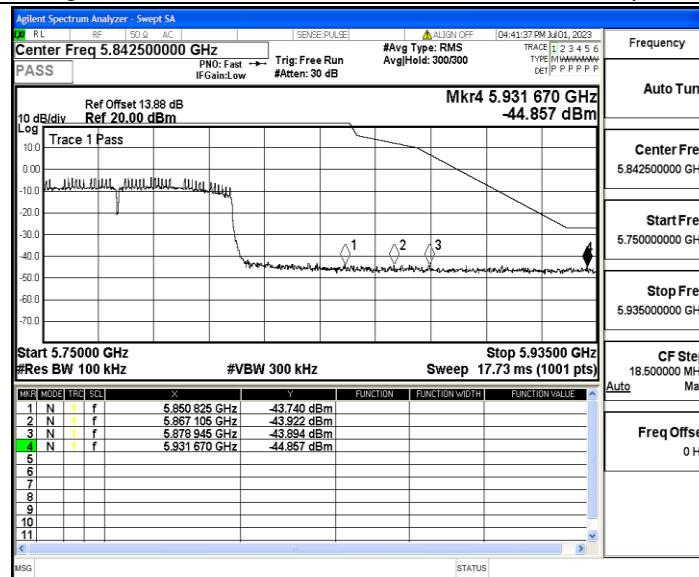
11AC40MIMO_Ant2_High_5795



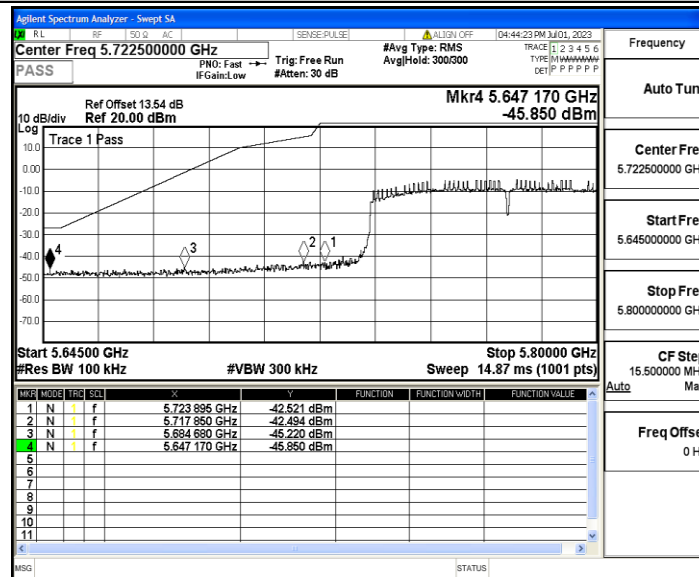
11AC80MIMO_Ant1_Low_5775



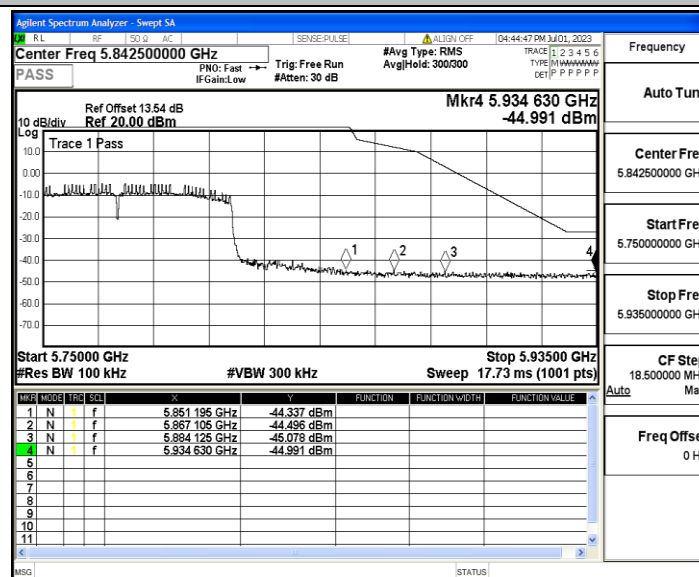
11AC80MIMO_Ant1_High_5775



11AC80MIMO_Ant2_Low_5775



11AC80MIMO_Ant2_High_5775



Appendix E: Frequency Stability

Test Result

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.943273	5725 – 5850	PASS
5745	20	108	5745.027369	5725 – 5850	PASS
5745	50	120	5744.946260	5725 – 5850	PASS
5745	40	120	5745.082813	5725 – 5850	PASS
5745	30	120	5744.936169	5725 – 5850	PASS
5745	20	120	5745.092780	5725 – 5850	PASS
5745	10	120	5745.072998	5725 – 5850	PASS
5745	0	120	5744.997617	5725 – 5850	PASS
5745	-10	120	5744.920789	5725 – 5850	PASS
5745	-20	120	5745.078256	5725 – 5850	PASS
5745	-30	120	5744.936696	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5745.017440	5725 – 5850	PASS
5745	20	108	5745.098701	5725 – 5850	PASS
5745	50	120	5744.958842	5725 – 5850	PASS
5745	40	120	5744.981554	5725 – 5850	PASS
5745	30	120	5745.049669	5725 – 5850	PASS
5745	20	120	5744.928926	5725 – 5850	PASS
5745	10	120	5745.030601	5725 – 5850	PASS
5745	0	120	5744.970341	5725 – 5850	PASS
5745	-10	120	5745.066811	5725 – 5850	PASS
5745	-20	120	5744.941696	5725 – 5850	PASS
5745	-30	120	5745.079528	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.964106	5725 – 5850	PASS
5785	20	108	5785.065936	5725 – 5850	PASS
5785	50	120	5784.937510	5725 – 5850	PASS
5785	40	120	5785.067534	5725 – 5850	PASS
5785	30	120	5784.994852	5725 – 5850	PASS
5785	20	120	5785.071634	5725 – 5850	PASS
5785	10	120	5784.969385	5725 – 5850	PASS
5785	0	120	5784.976303	5725 – 5850	PASS
5785	-10	120	5785.050631	5725 – 5850	PASS
5785	-20	120	5785.030508	5725 – 5850	PASS
5785	-30	120	5784.918435	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.956438	5725 – 5850	PASS
5785	20	108	5784.924523	5725 – 5850	PASS
5785	50	120	5784.982340	5725 – 5850	PASS
5785	40	120	5784.989079	5725 – 5850	PASS
5785	30	120	5785.096041	5725 – 5850	PASS
5785	20	120	5784.969521	5725 – 5850	PASS
5785	10	120	5784.911360	5725 – 5850	PASS
5785	0	120	5784.994607	5725 – 5850	PASS
5785	-10	120	5785.023390	5725 – 5850	PASS
5785	-20	120	5785.096822	5725 – 5850	PASS
5785	-30	120	5785.027826	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.062182	5725 – 5850	PASS
5825	20	108	5825.051829	5725 – 5850	PASS
5825	50	120	5825.077852	5725 – 5850	PASS
5825	40	120	5824.990298	5725 – 5850	PASS
5825	30	120	5824.908646	5725 – 5850	PASS
5825	20	120	5824.946268	5725 – 5850	PASS
5825	10	120	5825.093624	5725 – 5850	PASS
5825	0	120	5825.053975	5725 – 5850	PASS
5825	-10	120	5825.001653	5725 – 5850	PASS
5825	-20	120	5825.032579	5725 – 5850	PASS
5825	-30	120	5825.084419	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.055023	5725 – 5850	PASS
5825	20	108	5825.045310	5725 – 5850	PASS
5825	50	120	5824.936767	5725 – 5850	PASS
5825	40	120	5825.080136	5725 – 5850	PASS
5825	30	120	5825.002523	5725 – 5850	PASS
5825	20	120	5825.049533	5725 – 5850	PASS
5825	10	120	5824.982628	5725 – 5850	PASS
5825	0	120	5824.994664	5725 – 5850	PASS
5825	-10	120	5824.969933	5725 – 5850	PASS
5825	-20	120	5825.059694	5725 – 5850	PASS
5825	-30	120	5825.096207	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.069763	5725 – 5850	PASS
5755	20	108	5755.076210	5725 – 5850	PASS
5755	50	120	5755.098504	5725 – 5850	PASS
5755	40	120	5754.900068	5725 – 5850	PASS
5755	30	120	5754.995942	5725 – 5850	PASS
5755	20	120	5755.054911	5725 – 5850	PASS
5755	10	120	5754.978832	5725 – 5850	PASS
5755	0	120	5754.924359	5725 – 5850	PASS
5755	-10	120	5755.079761	5725 – 5850	PASS
5755	-20	120	5754.925216	5725 – 5850	PASS
5755	-30	120	5755.099022	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.038088	5725 – 5850	PASS
5755	20	108	5755.028458	5725 – 5850	PASS
5755	50	120	5755.053798	5725 – 5850	PASS
5755	40	120	5754.996817	5725 – 5850	PASS
5755	30	120	5754.976184	5725 – 5850	PASS
5755	20	120	5754.964793	5725 – 5850	PASS
5755	10	120	5754.956083	5725 – 5850	PASS
5755	0	120	5754.945971	5725 – 5850	PASS
5755	-10	120	5755.079114	5725 – 5850	PASS
5755	-20	120	5754.902565	5725 – 5850	PASS
5755	-30	120	5754.906499	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5794.978092	5725 – 5850	PASS
5795	20	108	5795.017056	5725 – 5850	PASS
5795	50	120	5794.940007	5725 – 5850	PASS
5795	40	120	5794.905170	5725 – 5850	PASS
5795	30	120	5794.930262	5725 – 5850	PASS
5795	20	120	5794.903340	5725 – 5850	PASS
5795	10	120	5794.950348	5725 – 5850	PASS
5795	0	120	5794.903700	5725 – 5850	PASS
5795	-10	120	5794.984869	5725 – 5850	PASS
5795	-20	120	5794.973453	5725 – 5850	PASS
5795	-30	120	5795.002279	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5794.902185	5725 – 5850	PASS
5795	20	108	5795.002599	5725 – 5850	PASS
5795	50	120	5795.033396	5725 – 5850	PASS
5795	40	120	5794.910382	5725 – 5850	PASS
5795	30	120	5795.013848	5725 – 5850	PASS
5795	20	120	5794.936449	5725 – 5850	PASS
5795	10	120	5795.017594	5725 – 5850	PASS
5795	0	120	5795.074780	5725 – 5850	PASS
5795	-10	120	5794.955676	5725 – 5850	PASS
5795	-20	120	5795.059422	5725 – 5850	PASS
5795	-30	120	5794.980164	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5795.030478	5725 – 5850	PASS
5775	20	108	5794.994663	5725 – 5850	PASS
5775	50	120	5794.963001	5725 – 5850	PASS
5775	40	120	5795.094825	5725 – 5850	PASS
5775	30	120	5794.995637	5725 – 5850	PASS
5775	20	120	5794.906252	5725 – 5850	PASS
5775	10	120	5795.002014	5725 – 5850	PASS
5775	0	120	5794.980479	5725 – 5850	PASS
5775	-10	120	5795.058855	5725 – 5850	PASS
5775	-20	120	5794.975383	5725 – 5850	PASS
5775	-30	120	5795.024823	5725 – 5850	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5794.968023	5725 – 5850	PASS
5775	20	108	5795.052035	5725 – 5850	PASS
5775	50	120	5794.987847	5725 – 5850	PASS
5775	40	120	5795.086208	5725 – 5850	PASS
5775	30	120	5795.026677	5725 – 5850	PASS
5775	20	120	5795.063180	5725 – 5850	PASS
5775	10	120	5794.925492	5725 – 5850	PASS
5775	0	120	5795.003966	5725 – 5850	PASS
5775	-10	120	5794.968191	5725 – 5850	PASS
5775	-20	120	5795.017922	5725 – 5850	PASS
5775	-30	120	5794.927275	5725 – 5850	PASS

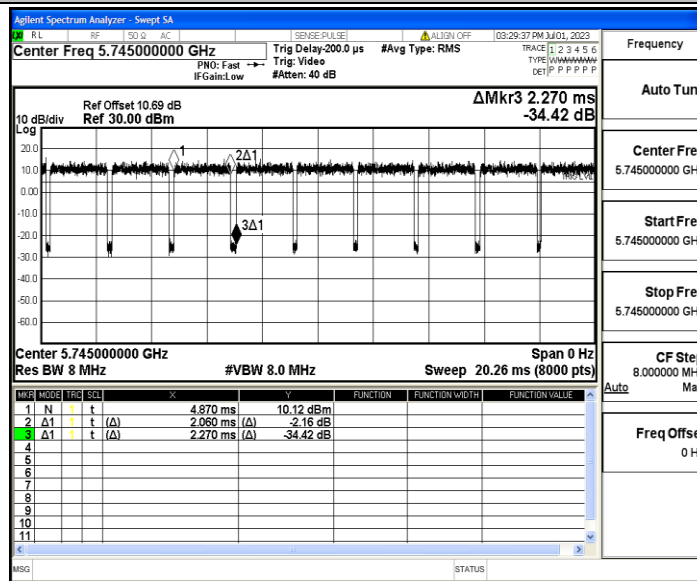
Appendix F: Duty Cycle

Test Result

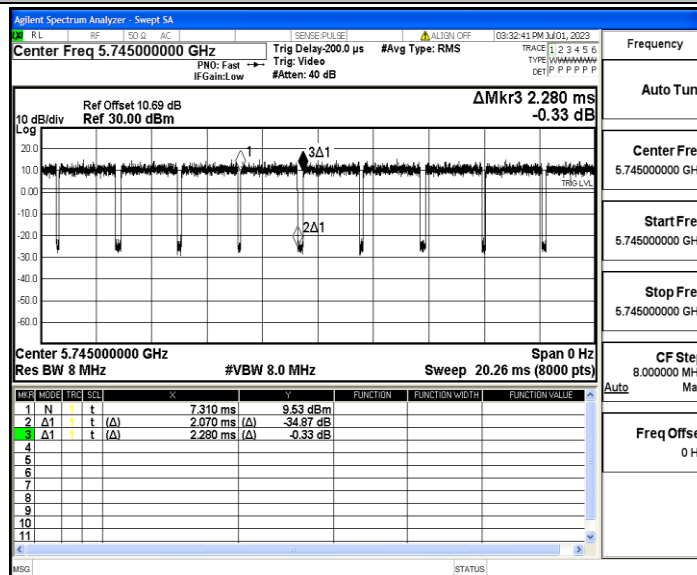
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]
11A	Ant1	5745	2.06	2.27	90.75	0.49
	Ant2	5745	2.07	2.28	90.79	0.48
	Ant1	5785	2.07	2.29	90.39	0.48
	Ant2	5785	2.07	2.30	90.00	0.48
	Ant1	5825	2.07	2.30	90.00	0.48
	Ant2	5825	2.06	2.27	90.75	0.49
11N20MIMO	Ant1	5745	1.92	2.13	90.14	0.52
	Ant2	5745	1.92	2.13	90.14	0.52
	Ant1	5785	1.93	2.14	90.19	0.52
	Ant2	5785	1.92	2.15	89.30	0.52
	Ant1	5825	1.92	2.11	91.00	0.52
	Ant2	5825	1.92	2.12	90.57	0.52
11N40MIMO	Ant1	5755	0.94	1.17	80.34	1.06
	Ant2	5755	0.94	1.17	80.34	1.06
	Ant1	5795	0.94	1.17	80.34	1.06
	Ant2	5795	0.94	1.18	79.66	1.06
11AC20MIMO	Ant1	5745	1.93	2.17	88.94	0.52
	Ant2	5745	1.93	2.18	88.53	0.52
	Ant1	5785	1.93	2.18	88.53	0.52
	Ant2	5785	1.93	2.18	88.53	0.52
	Ant1	5825	1.93	2.16	89.35	0.52
	Ant2	5825	1.93	2.19	88.13	0.52
11AC40MIMO	Ant1	5755	0.96	1.21	79.34	1.04
	Ant2	5755	0.95	1.19	79.83	1.05
	Ant1	5795	0.95	1.19	79.83	1.05
	Ant2	5795	0.95	1.20	79.17	1.05
11AC80MIMO	Ant1	5775	0.46	0.71	64.79	2.17
	Ant2	5775	0.46	0.72	63.89	2.17

Test Graphs

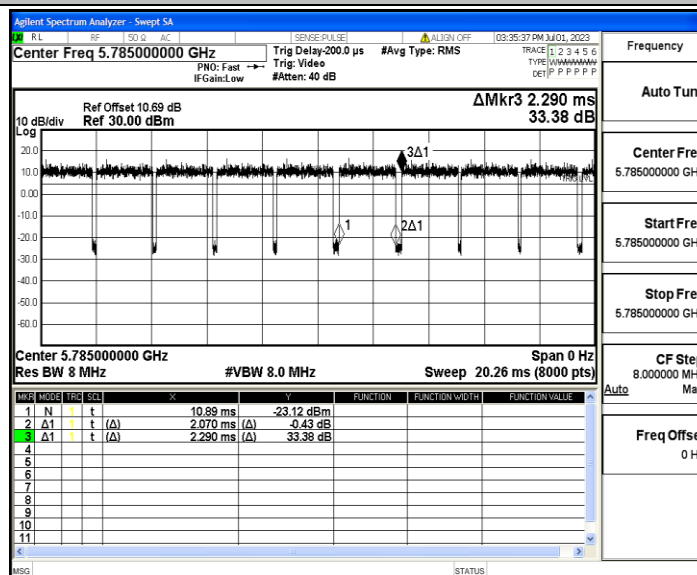
11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785