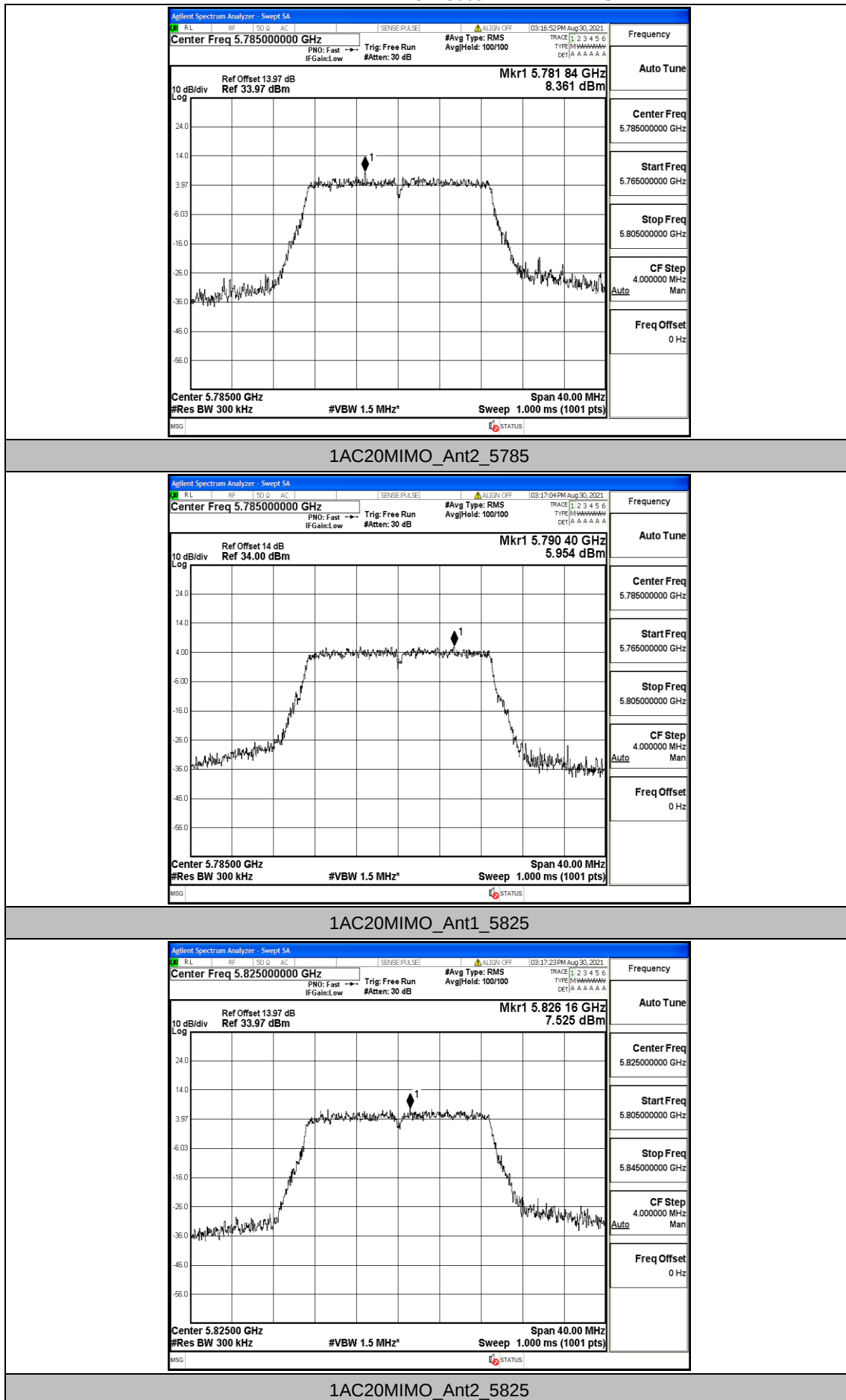
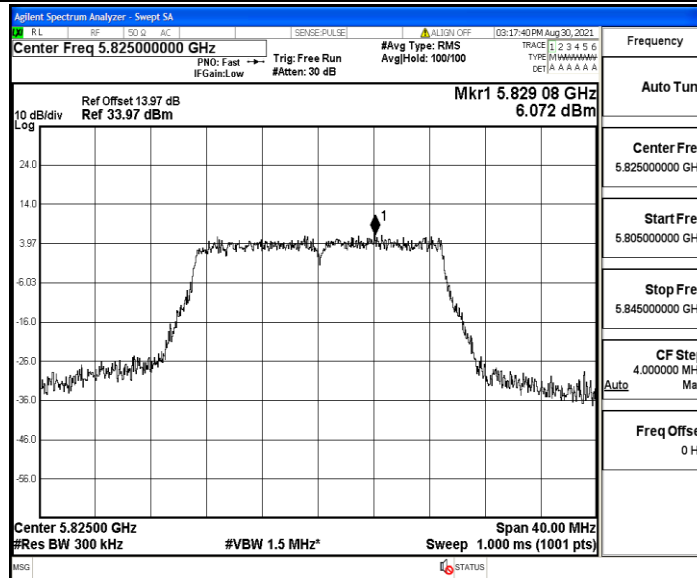
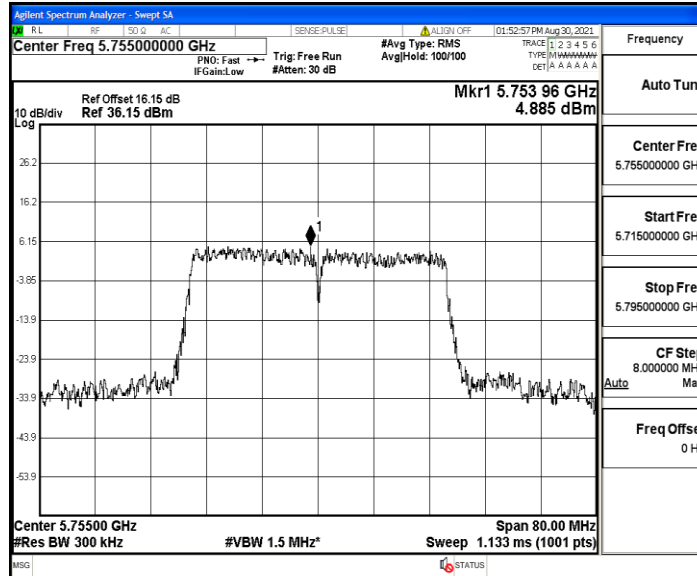


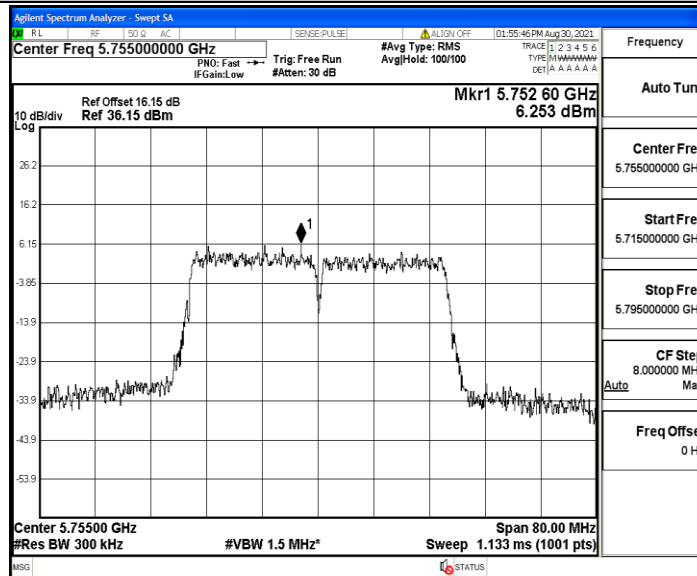




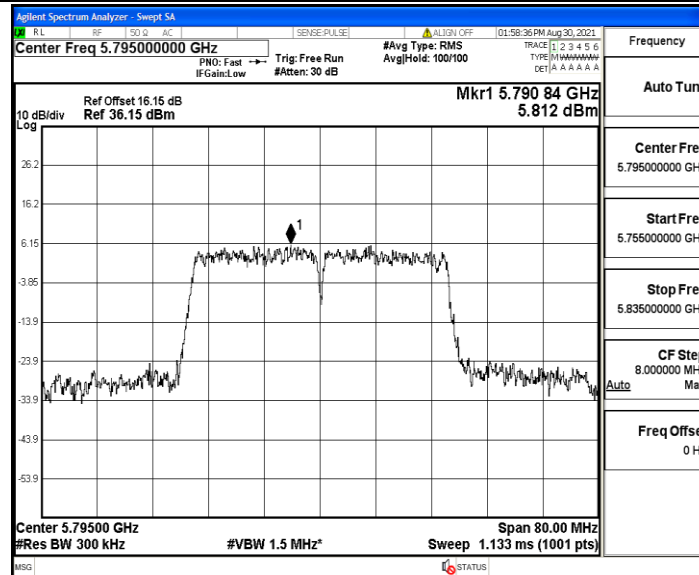
11AC40MIMO_Ant1_5755



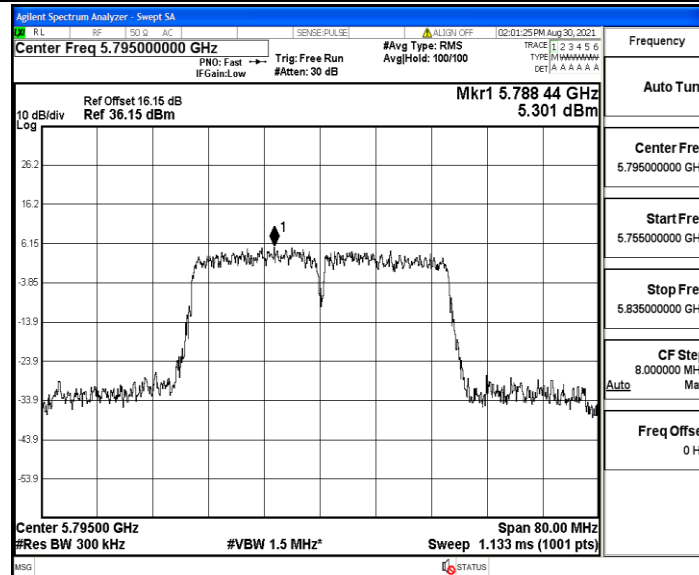
11AC40MIMO_Ant2_5755



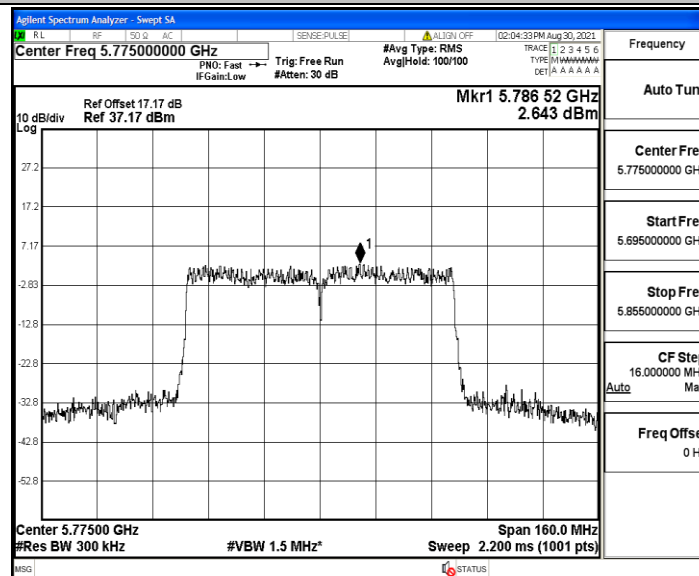
11AC40MIMO_Ant1_5795



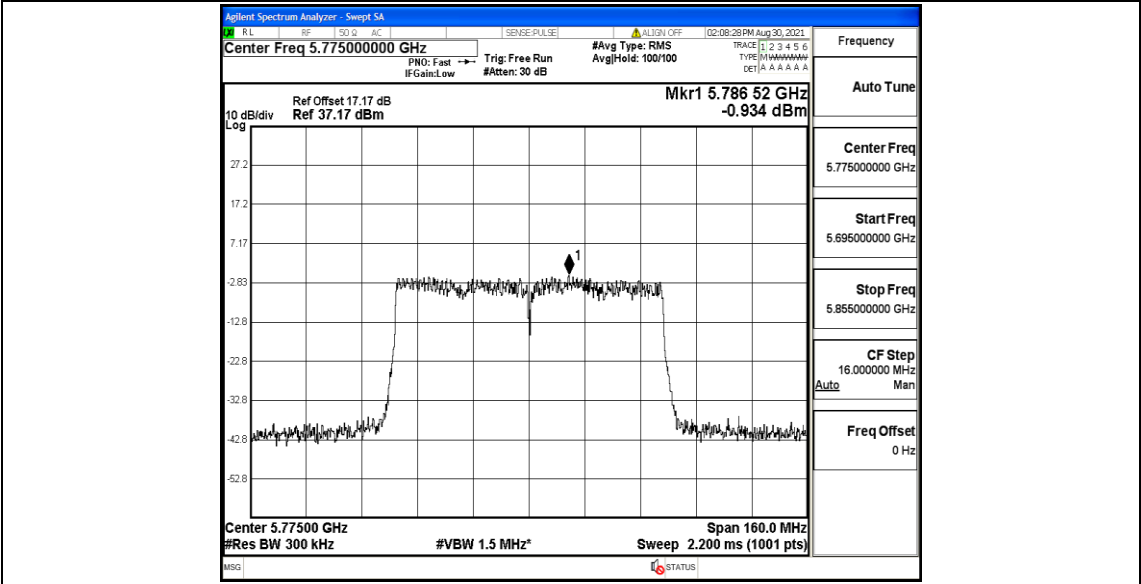
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix D: Band edge measurements

Test Result

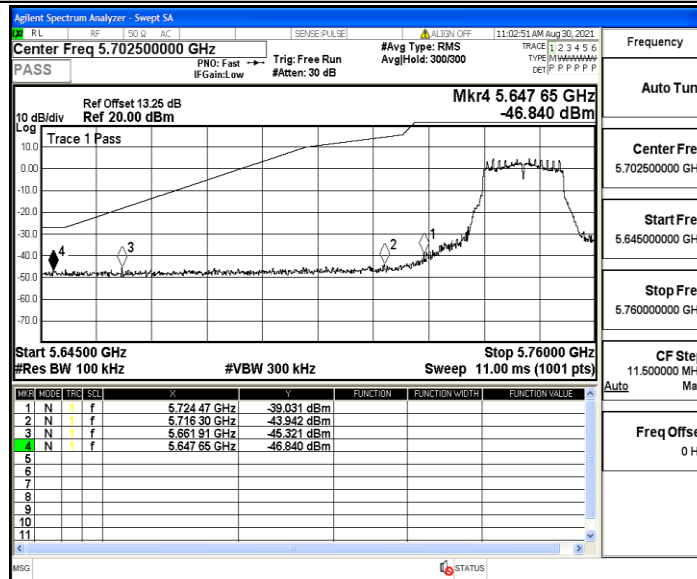
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-45.32	≤-18.19	PASS
				5700~5720	-43.94	≤14.56	PASS
				5720~5725	-39.03	≤25.78	PASS
				5760~5650	-46.84	≤-27	PASS
	Ant2	Low	5745	5650~5700	-41.2	≤0.19	PASS
				5700~5720	-40.06	≤15.59	PASS
				5720~5725	-36.51	≤24.99	PASS
				5760~5650	-42.64	≤-27	PASS
	Ant1	High	5825	5850~5855	-42.41	≤15.79	PASS
				5855~5875	-44.3	≤13.42	PASS
				5875~5925	-44.52	≤-21.06	PASS
				5925~5935	-44.73	≤-27	PASS
	Ant2	High	5825	5850~5855	-41.42	≤19.80	PASS
				5855~5875	-40.24	≤10.78	PASS
				5875~5925	-40.59	≤-12.97	PASS
				5925~5935	-41.74	≤-27	PASS
11N20MI MO	Ant1	Low	5745	5650~5700	-45.12	≤-2.79	PASS
				5700~5720	-42.25	≤14.82	PASS
				5720~5725	-37.55	≤26.57	PASS
				5760~5650	-46.3	≤-27	PASS
	Ant2	Low	5745	5650~5700	-41.64	≤-11.64	PASS
				5700~5720	-38.81	≤15.18	PASS
				5720~5725	-34.77	≤24.21	PASS
				5760~5650	-42.95	≤-27	PASS
	Ant1	High	5825	5850~5855	-41.68	≤15.79	PASS
				5855~5875	-43.5	≤13.46	PASS
				5875~5925	-44.52	≤-24.86	PASS
				5925~5935	-45.74	≤-27	PASS
	Ant2	High	5825	5850~5855	-41.03	≤18.87	PASS
				5855~5875	-41.02	≤13.84	PASS
				5875~5925	-41.18	≤-6.78	PASS
				5925~5935	-41.88	≤-27	PASS
11N40MI MO	Ant1	Low	5755	5650~5700	-42.48	≤9.06	PASS
				5700~5720	-31.6	≤14.90	PASS
				5720~5725	-32.13	≤21.58	PASS
				5780~5650	-46.5	≤-27	PASS
	Ant2	Low	5755	5650~5700	-40.35	≤7.96	PASS
				5700~5720	-30.86	≤15.35	PASS
				5720~5725	-30.91	≤21.28	PASS
				5780~5650	-41.94	≤-27	PASS
	Ant1	High	5795	5850~5855	-45.34	≤20.17	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
				5855~5875	-44.73	≤10.32	PASS
				5875~5925	-44.35	≤-8.61	PASS
				5925~5935	-45.93	≤-27	PASS
	Ant2	High	5795	5850~5855	-42.29	≤22.05	PASS
				5855~5875	-41.03	≤11.52	PASS
				5875~5925	-40.97	≤-11.66	PASS
				5925~5935	-41.87	≤-27	PASS
1AC20MI MO	Ant1	Low	5745	5650~5700	-44.99	≤3.60	PASS
				5700~5720	-43.58	≤15.53	PASS
				5720~5725	-37.83	≤24.21	PASS
				5760~5650	-46.26	≤-27	PASS
	Ant2	Low	5745	5650~5700	-41.19	≤7.25	PASS
				5700~5720	-33.84	≤15.53	PASS
				5720~5725	-32.1	≤26.30	PASS
				5760~5650	-42.76	≤-27	PASS
	Ant1	High	5825	5850~5855	-43.62	≤16.10	PASS
				5855~5875	-44.53	≤12.59	PASS
				5875~5925	-44.45	≤-20.96	PASS
				5925~5935	-45.8	≤-27	PASS
	Ant2	High	5825	5850~5855	-35.87	≤15.79	PASS
				5855~5875	-39.32	≤11.61	PASS
				5875~5925	-40.75	≤-21.66	PASS
				5925~5935	-41.45	≤-27	PASS
11AC40M IMO	Ant1	Low	5755	5650~5700	-42.51	≤8.26	PASS
				5700~5720	-32.81	≤14.94	PASS
				5720~5725	-33.21	≤21.58	PASS
				5780~5650	-45.44	≤-27	PASS
	Ant2	Low	5755	5650~5700	-39.73	≤8.46	PASS
				5700~5720	-30.11	≤14.94	PASS
				5720~5725	-31.21	≤26.51	PASS
				5780~5650	-42.32	≤-27	PASS
	Ant1	High	5795	5850~5855	-43.84	≤21.30	PASS
				5855~5875	-44.03	≤11.38	PASS
				5875~5925	-45.08	≤2.38	PASS
				5925~5935	-46.17	≤-27	PASS
	Ant2	High	5795	5850~5855	-41.94	≤22.43	PASS
				5855~5875	-41.61	≤10.18	PASS
				5875~5925	-40.09	≤5.80	PASS
				5925~5935	-42.08	≤-27	PASS
11AC80M IMO	Ant1	Low	5775	5650~5700	-38.11	≤9.79	PASS
				5700~5720	-36.2	≤15.26	PASS
				5720~5725	-35.14	≤21.30	PASS
				5800~5650	-46.46	≤-27	PASS
		High	5775	5850~5855	-39.6	≤18.75	PASS
				5855~5875	-41.19	≤13.03	PASS

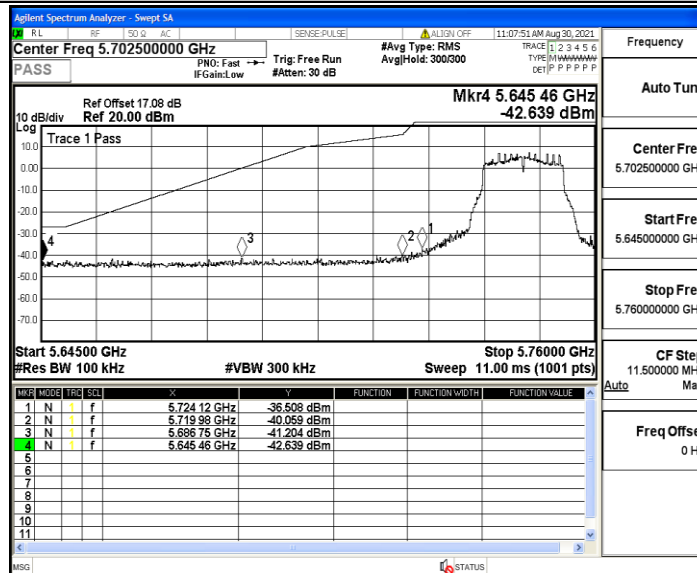
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
	Ant2	Low	5775	5875~5925	-43.8	≤-26.96	PASS
				5925~5935	-44.23	≤-27	PASS
				5650~5700	-41.4	≤7.15	PASS
				5700~5720	-39.86	≤14.82	PASS
				5720~5725	-39.95	≤17.41	PASS
		High	5775	5800~5650	-43.27	≤-27	PASS
				5850~5855	-41.22	≤26.34	PASS
				5855~5875	-41.14	≤10.70	PASS
				5875~5925	-41.02	≤6.45	PASS
				5925~5935	-41.98	≤-27	PASS

Test Graphs

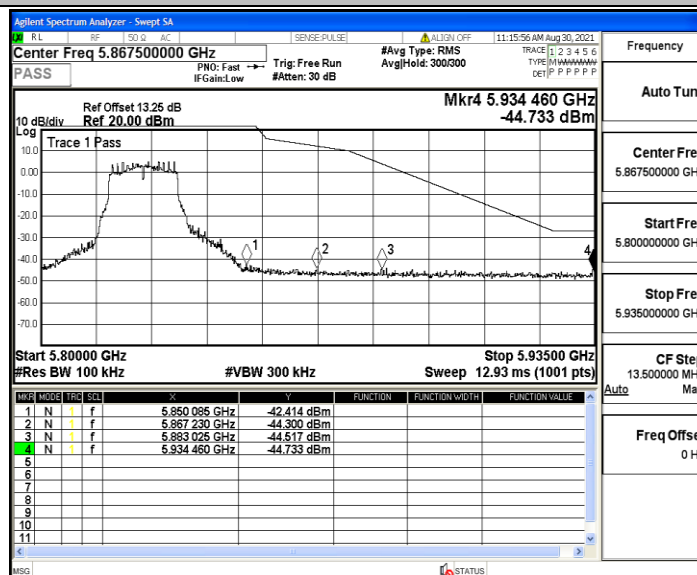
11A_Ant1_Low_5745



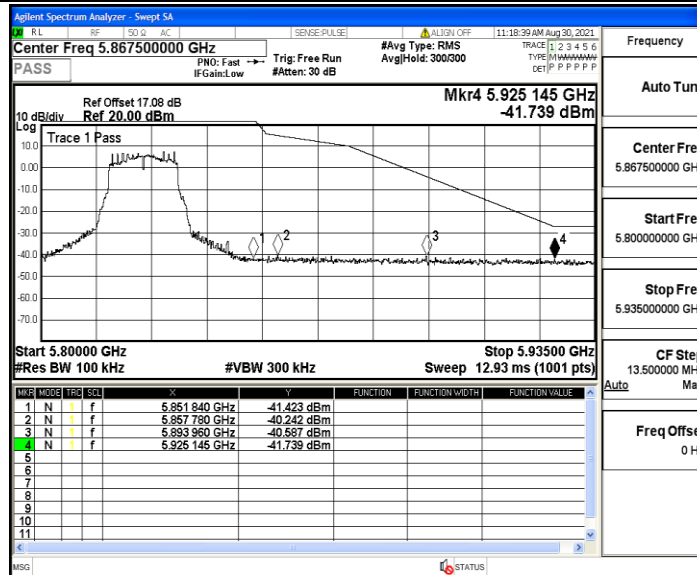
11A_Ant2_Low_5745



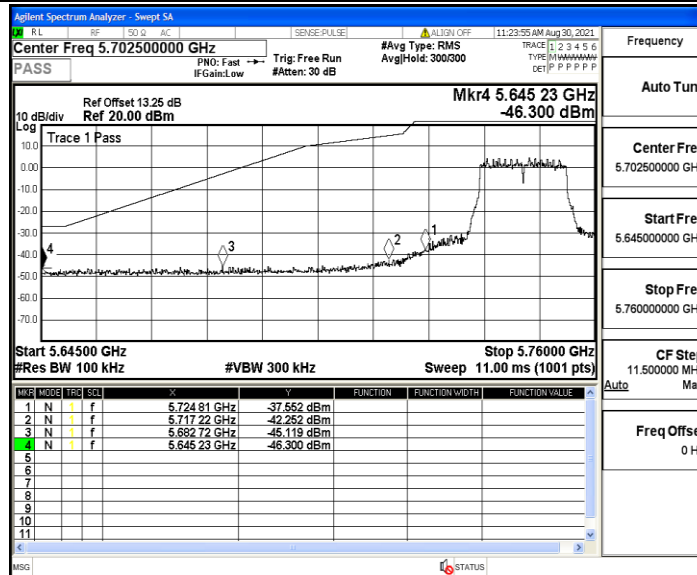
11A_Ant1_High_5825



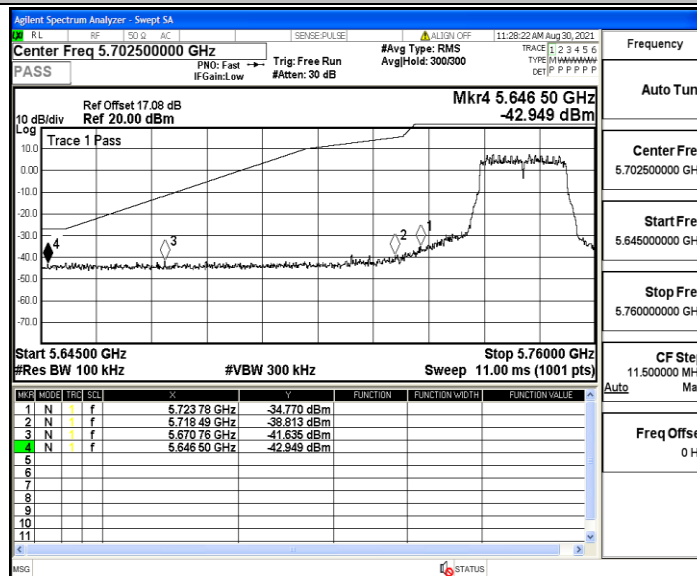
11A_Ant2_High_5825



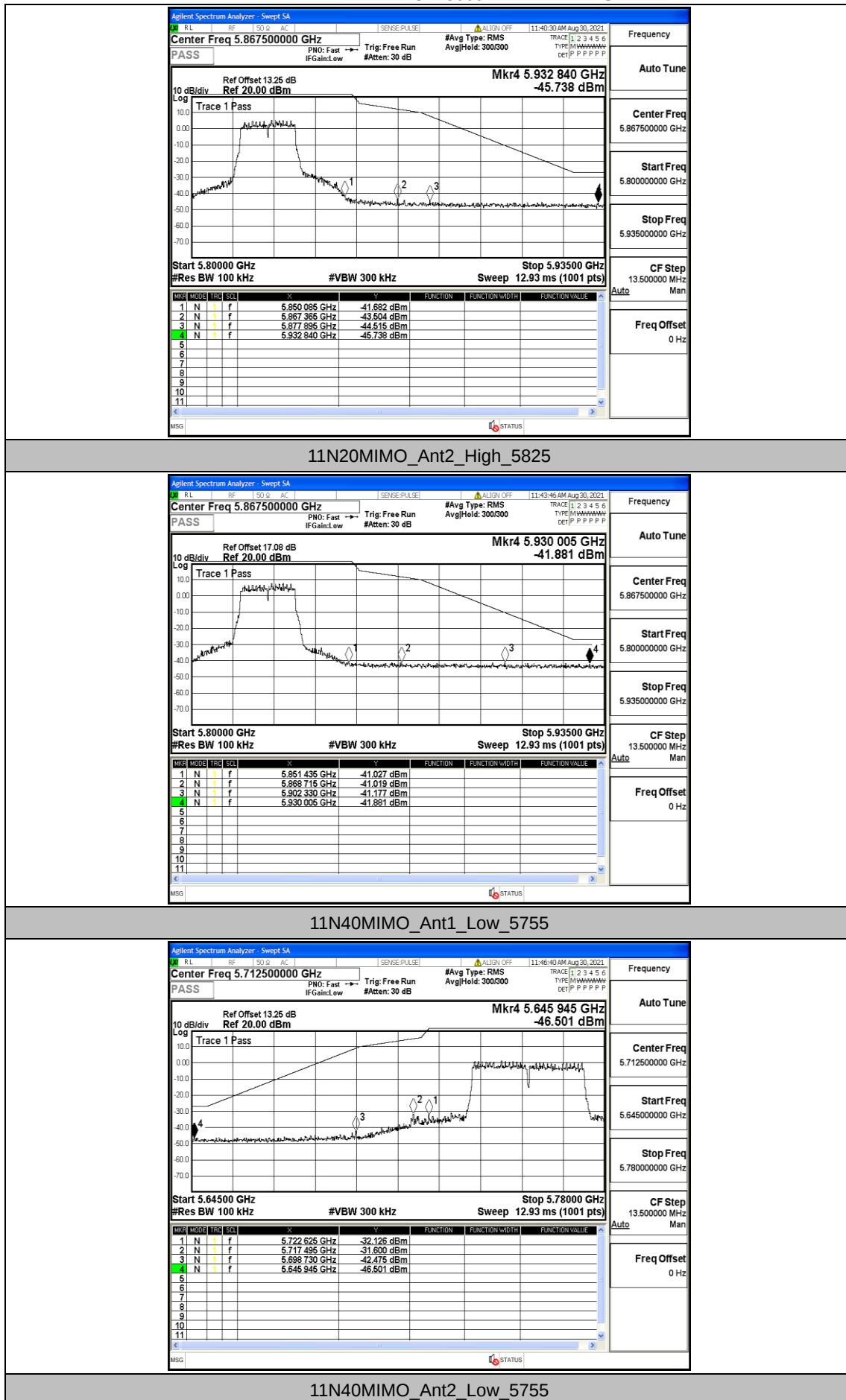
11N20MIMO_Ant1_Low_5745

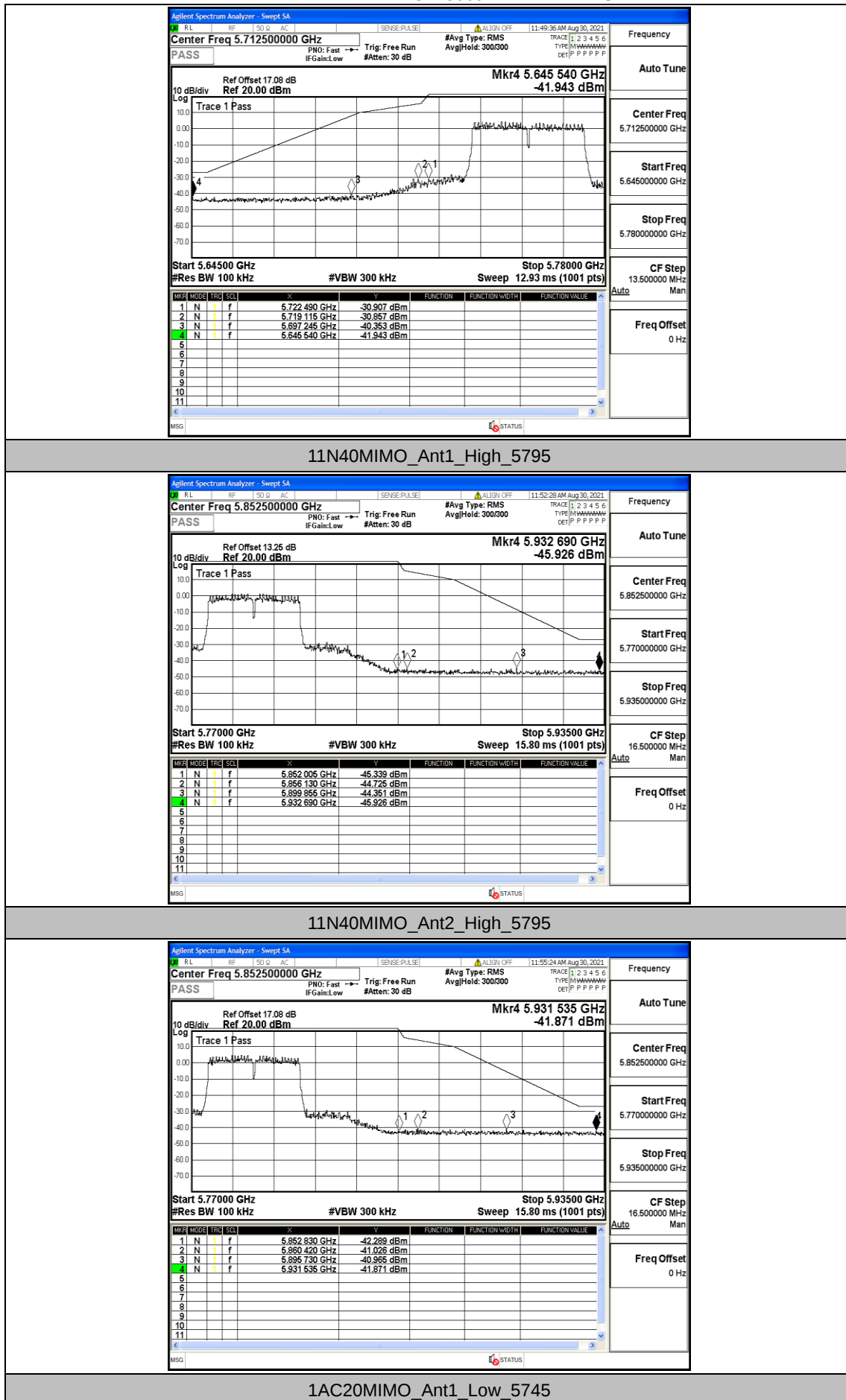


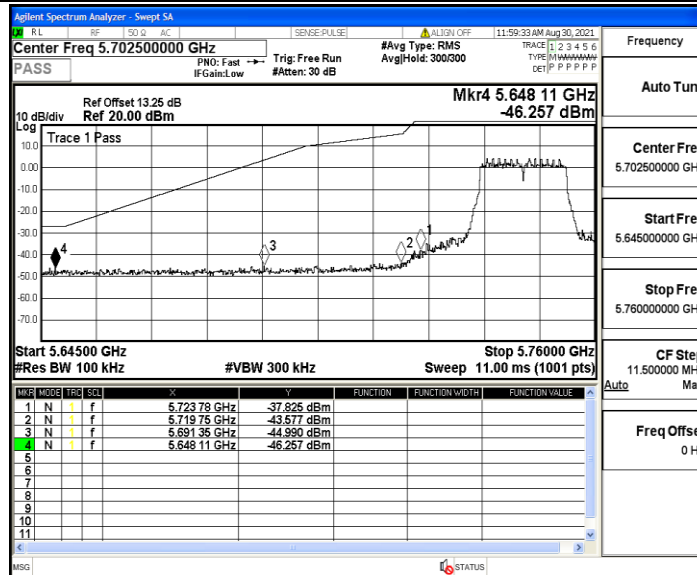
11N20MIMO_Ant2_Low_5745



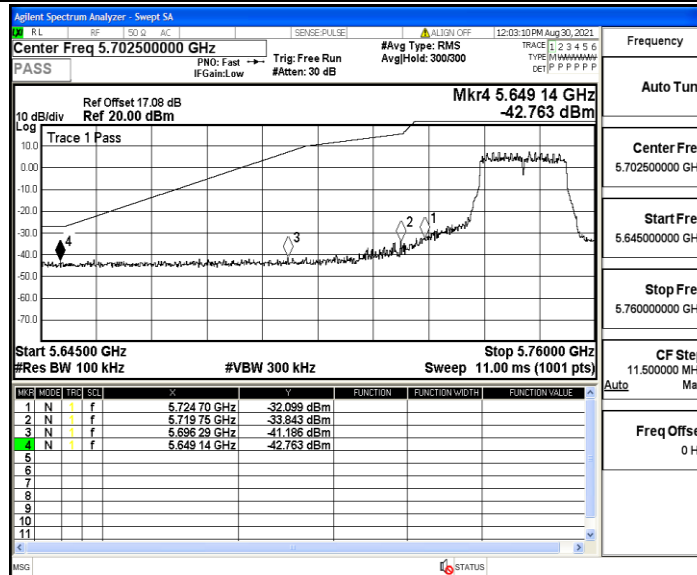
11N20MIMO_Ant1_High_5825



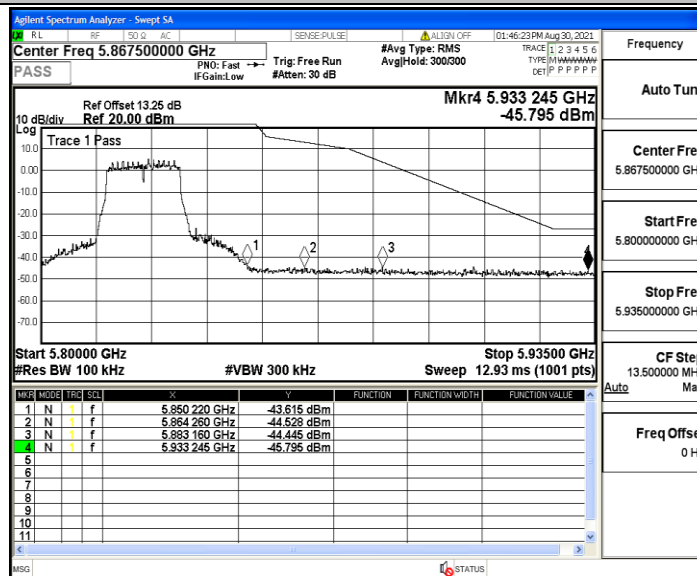




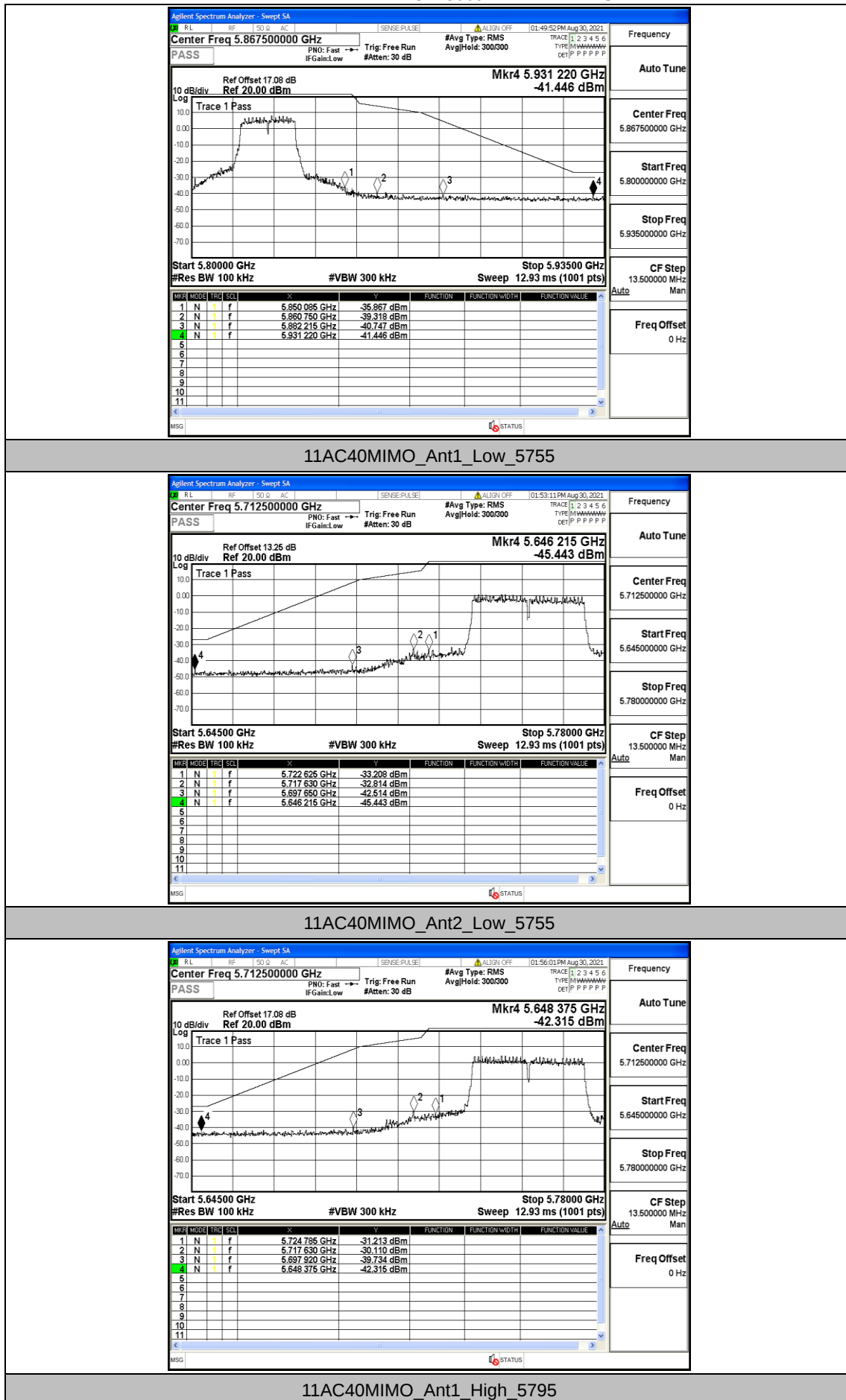
1AC20MIMO_Ant2_Low_5745

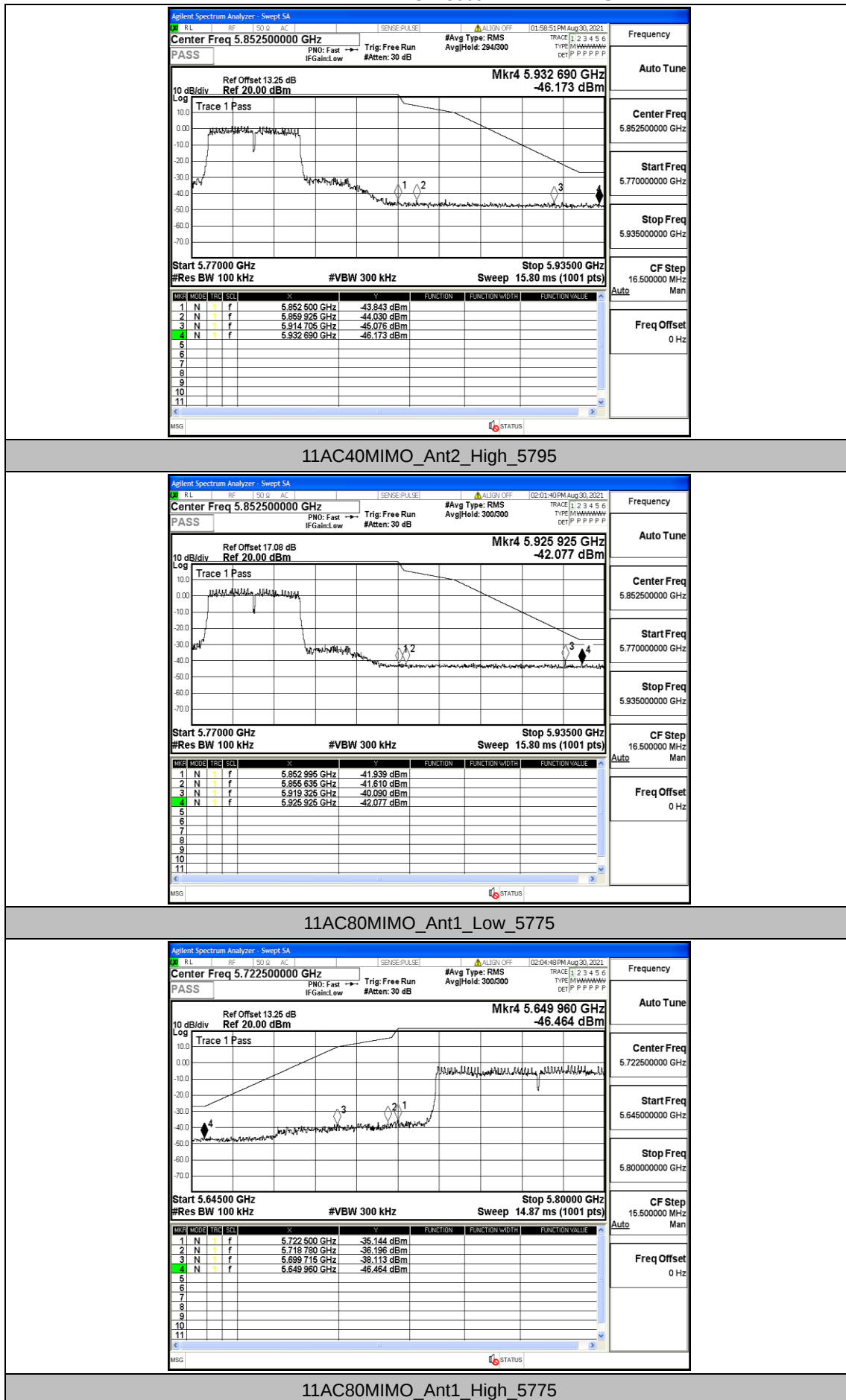


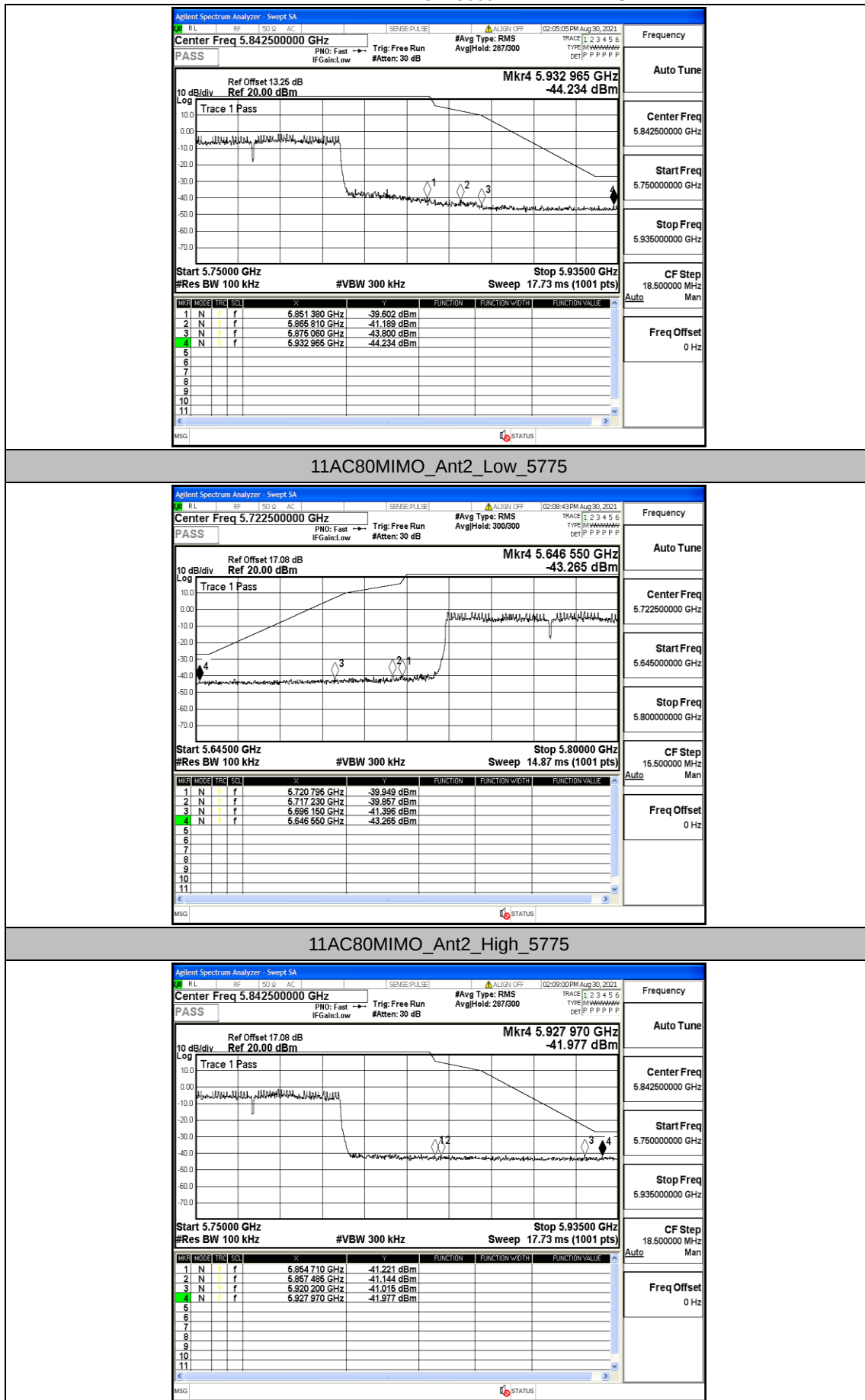
1AC20MIMO_Ant1_High_5825



1AC20MIMO_Ant2_High_5825







Appendix G: Frequency Stability

Test Result

Ant 1

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.967564	5745 – 5825	PASS
5745	20	108	5745.079042	5745 – 5825	PASS
5745	50	120	5745.098876	5745 – 5825	PASS
5745	40	120	5745.066190	5745 – 5825	PASS
5745	30	120	5744.944496	5745 – 5825	PASS
5745	20	120	5744.957706	5745 – 5825	PASS
5745	10	120	5744.946792	5745 – 5825	PASS
5745	0	120	5744.938628	5745 – 5825	PASS
5745	-10	120	5745.012362	5745 – 5825	PASS
5745	-20	120	5744.954830	5745 – 5825	PASS
5745	-30	120	5744.942585	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.995333	5745 – 5825	PASS
5745	20	108	5745.014360	5745 – 5825	PASS
5745	50	120	5744.904484	5745 – 5825	PASS
5745	40	120	5745.070544	5745 – 5825	PASS
5745	30	120	5745.002370	5745 – 5825	PASS
5745	20	120	5745.057538	5745 – 5825	PASS
5745	10	120	5744.955949	5745 – 5825	PASS
5745	0	120	5744.989885	5745 – 5825	PASS
5745	-10	120	5745.061604	5745 – 5825	PASS
5745	-20	120	5744.937600	5745 – 5825	PASS
5745	-30	120	5745.050744	5745 – 5825	PASS

Ant 1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.931288	5745 – 5825	PASS
5785	20	108	5784.967833	5745 – 5825	PASS
5785	50	120	5785.087887	5745 – 5825	PASS
5785	40	120	5785.056818	5745 – 5825	PASS
5785	30	120	5785.081927	5745 – 5825	PASS
5785	20	120	5784.963632	5745 – 5825	PASS
5785	10	120	5784.946514	5745 – 5825	PASS
5785	0	120	5785.067575	5745 – 5825	PASS
5785	-10	120	5785.096045	5745 – 5825	PASS
5785	-20	120	5785.035810	5745 – 5825	PASS
5785	-30	120	5784.940856	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.951789	5745 – 5825	PASS
5785	20	108	5784.946890	5745 – 5825	PASS
5785	50	120	5785.009042	5745 – 5825	PASS
5785	40	120	5784.949234	5745 – 5825	PASS
5785	30	120	5785.036027	5745 – 5825	PASS
5785	20	120	5784.943167	5745 – 5825	PASS
5785	10	120	5785.058994	5745 – 5825	PASS
5785	0	120	5784.961060	5745 – 5825	PASS
5785	-10	120	5784.907141	5745 – 5825	PASS
5785	-20	120	5784.952834	5745 – 5825	PASS
5785	-30	120	5784.914145	5745 – 5825	PASS

Ant 1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5824.981277	5745 – 5825	PASS
5825	20	108	5825.066923	5745 – 5825	PASS
5825	50	120	5825.007167	5745 – 5825	PASS
5825	40	120	5824.966149	5745 – 5825	PASS
5825	30	120	5824.961247	5745 – 5825	PASS
5825	20	120	5824.981885	5745 – 5825	PASS
5825	10	120	5825.050913	5745 – 5825	PASS
5825	0	120	5825.090568	5745 – 5825	PASS
5825	-10	120	5824.933990	5745 – 5825	PASS
5825	-20	120	5824.981962	5745 – 5825	PASS
5825	-30	120	5825.070869	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.091280	5745 – 5825	PASS
5825	20	108	5824.999945	5745 – 5825	PASS
5825	50	120	5825.081768	5745 – 5825	PASS
5825	40	120	5824.972199	5745 – 5825	PASS
5825	30	120	5825.050964	5745 – 5825	PASS
5825	20	120	5824.911012	5745 – 5825	PASS
5825	10	120	5825.086866	5745 – 5825	PASS
5825	0	120	5824.914357	5745 – 5825	PASS
5825	-10	120	5825.080903	5745 – 5825	PASS
5825	-20	120	5825.063939	5745 – 5825	PASS
5825	-30	120	5825.034680	5745 – 5825	PASS

Ant 1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.023873	5745 – 5825	PASS
5755	20	108	5755.022311	5745 – 5825	PASS
5755	50	120	5754.924728	5745 – 5825	PASS
5755	40	120	5754.987159	5745 – 5825	PASS
5755	30	120	5754.941380	5745 – 5825	PASS
5755	20	120	5754.946051	5745 – 5825	PASS
5755	10	120	5754.943668	5745 – 5825	PASS
5755	0	120	5754.994595	5745 – 5825	PASS
5755	-10	120	5754.928803	5745 – 5825	PASS
5755	-20	120	5755.078069	5745 – 5825	PASS
5755	-30	120	5754.972696	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5754.932300	5745 – 5825	PASS
5755	20	108	5755.091847	5745 – 5825	PASS
5755	50	120	5754.952607	5745 – 5825	PASS
5755	40	120	5755.020938	5745 – 5825	PASS
5755	30	120	5754.967636	5745 – 5825	PASS
5755	20	120	5754.979778	5745 – 5825	PASS
5755	10	120	5754.908179	5745 – 5825	PASS
5755	0	120	5755.067969	5745 – 5825	PASS
5755	-10	120	5754.979535	5745 – 5825	PASS
5755	-20	120	5755.083292	5745 – 5825	PASS
5755	-30	120	5754.901782	5745 – 5825	PASS

Ant 1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5795.037379	5745 – 5825	PASS
5795	20	108	5794.990369	5745 – 5825	PASS
5795	50	120	5795.079683	5745 – 5825	PASS
5795	40	120	5794.925692	5745 – 5825	PASS
5795	30	120	5795.085695	5745 – 5825	PASS
5795	20	120	5794.933042	5745 – 5825	PASS
5795	10	120	5794.983395	5745 – 5825	PASS
5795	0	120	5795.030513	5745 – 5825	PASS
5795	-10	120	5795.097843	5745 – 5825	PASS
5795	-20	120	5794.980346	5745 – 5825	PASS
5795	-30	120	5794.906107	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5795.064118	5745 – 5825	PASS
5795	20	108	5795.015573	5745 – 5825	PASS
5795	50	120	5794.949370	5745 – 5825	PASS
5795	40	120	5795.026442	5745 – 5825	PASS
5795	30	120	5794.907573	5745 – 5825	PASS
5795	20	120	5795.005723	5745 – 5825	PASS
5795	10	120	5795.044295	5745 – 5825	PASS
5795	0	120	5795.087839	5745 – 5825	PASS
5795	-10	120	5794.991899	5745 – 5825	PASS
5795	-20	120	5794.950198	5745 – 5825	PASS
5795	-30	120	5795.014735	5745 – 5825	PASS

Ant 1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.039487	5745 – 5825	PASS
5775	20	108	5774.931912	5745 – 5825	PASS
5775	50	120	5774.965995	5745 – 5825	PASS
5775	40	120	5774.936162	5745 – 5825	PASS
5775	30	120	5775.091473	5745 – 5825	PASS
5775	20	120	5774.980257	5745 – 5825	PASS
5775	10	120	5775.045353	5745 – 5825	PASS
5775	0	120	5775.012630	5745 – 5825	PASS
5775	-10	120	5774.982713	5745 – 5825	PASS
5775	-20	120	5774.957768	5745 – 5825	PASS
5775	-30	120	5775.098229	5745 – 5825	PASS

Ant 2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.002024	5745 – 5825	PASS
5775	20	108	5774.931062	5745 – 5825	PASS
5775	50	120	5775.082582	5745 – 5825	PASS
5775	40	120	5774.994023	5745 – 5825	PASS
5775	30	120	5774.993804	5745 – 5825	PASS
5775	20	120	5774.994366	5745 – 5825	PASS
5775	10	120	5774.911936	5745 – 5825	PASS
5775	0	120	5774.911989	5745 – 5825	PASS
5775	-10	120	5775.026853	5745 – 5825	PASS
5775	-20	120	5774.938479	5745 – 5825	PASS
5775	-30	120	5775.028276	5745 – 5825	PASS

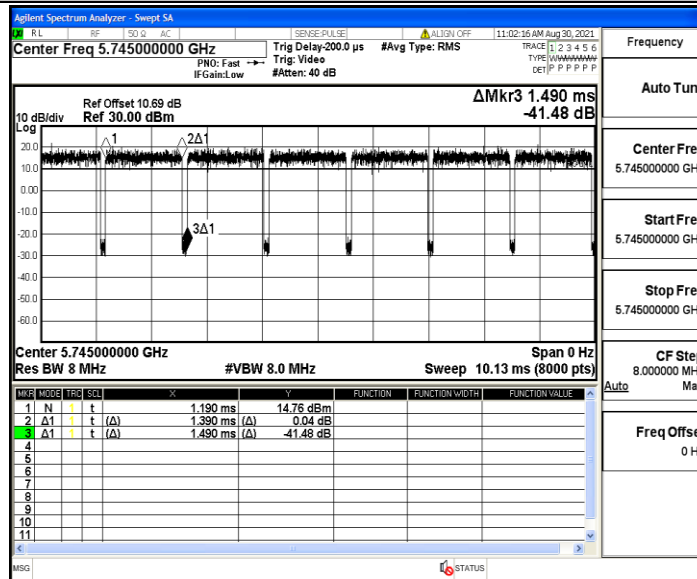
Appendix H: Duty Cycle

Test Result

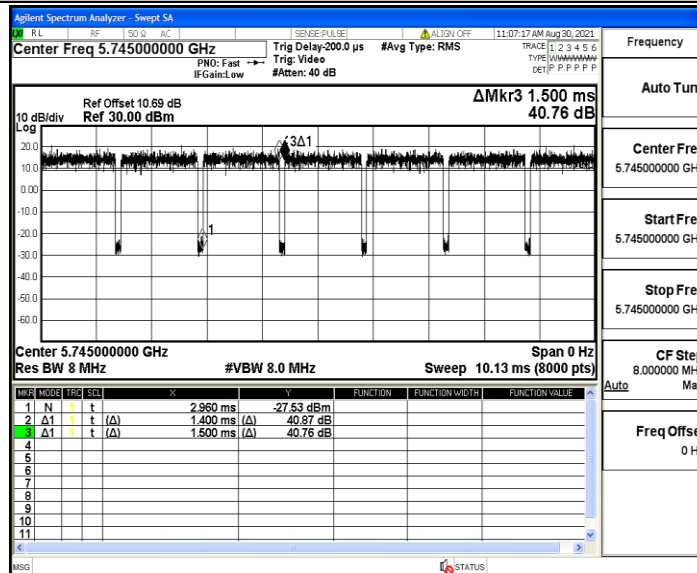
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/B [KHz]
11A	Ant1	5745	1.39	1.49	93.29	0.7
	Ant2	5745	1.40	1.50	93.33	0.7
	Ant1	5785	1.39	1.49	93.29	0.7
	Ant2	5785	1.40	1.50	93.33	0.7
	Ant1	5825	1.40	1.50	93.33	0.7
	Ant2	5825	1.40	1.50	93.33	0.7
11N20MIMO	Ant1	5745	0.17	0.27	62.96	5.9
	Ant2	5745	0.16	0.26	61.54	6.3
	Ant1	5785	0.16	0.26	61.54	6.3
	Ant2	5785	0.16	0.26	61.54	6.3
	Ant1	5825	0.16	0.26	61.54	6.3
	Ant2	5825	0.16	0.26	61.54	6.3
11N40MIMO	Ant1	5755	0.10	0.20	50.00	10
	Ant2	5755	0.10	0.20	50.00	10
	Ant1	5795	0.09	0.19	47.37	11.1
	Ant2	5795	0.10	0.20	50.00	10
1AC20MIMO	Ant1	5745	0.36	0.46	78.26	2.8
	Ant2	5745	0.36	0.46	78.26	2.8
	Ant1	5785	0.36	0.46	78.26	2.8
	Ant2	5785	0.35	0.45	77.78	2.9
	Ant1	5825	0.36	0.46	78.26	2.8
	Ant2	5825	0.36	0.46	78.26	2.8
11AC40MIMO	Ant1	5755	0.09	0.19	47.37	11.1
	Ant2	5755	0.09	0.19	47.37	11.1
	Ant1	5795	0.09	0.19	47.37	11.1
	Ant2	5795	0.09	0.19	47.37	11.1
11AC80MIMO	Ant1	5775	0.06	0.16	37.50	16.7
	Ant2	5775	0.06	0.16	37.50	16.7

Test Graphs

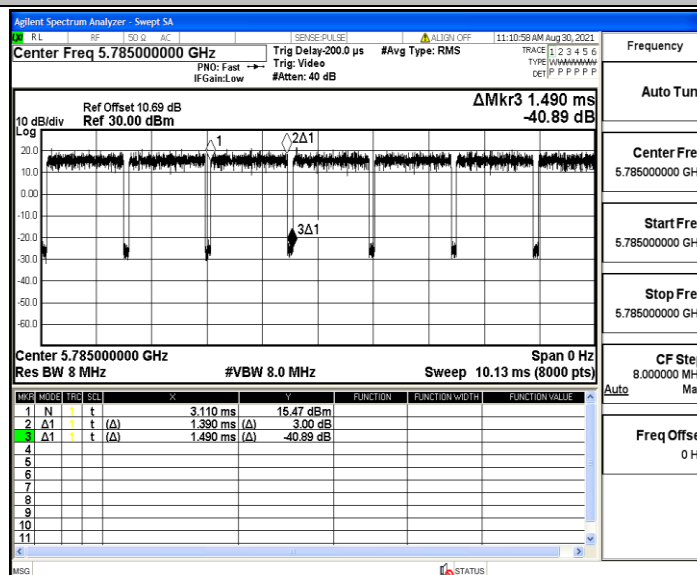
11A_Ant1_5745



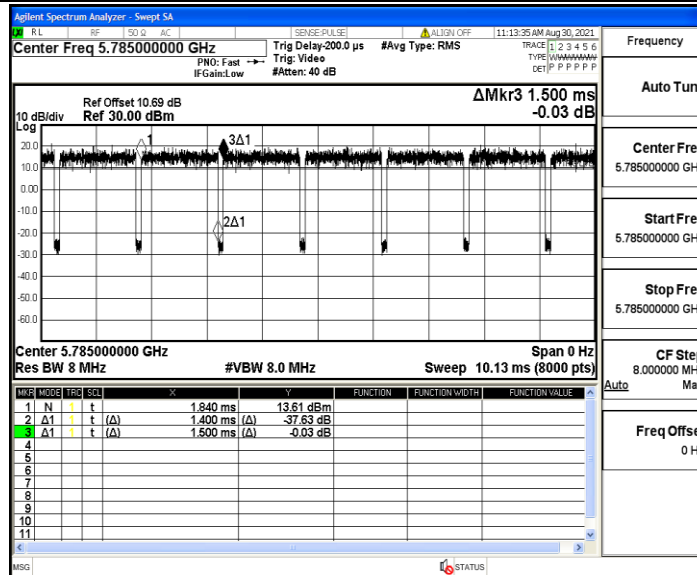
11A_Ant2_5745



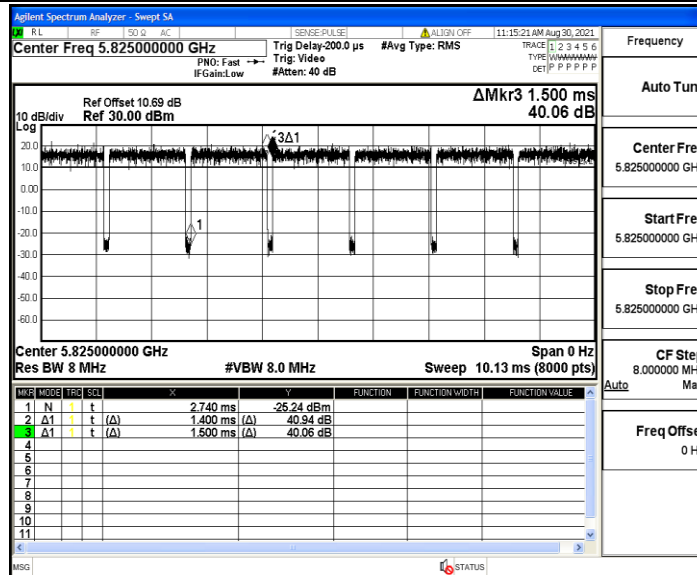
11A_Ant1_5785



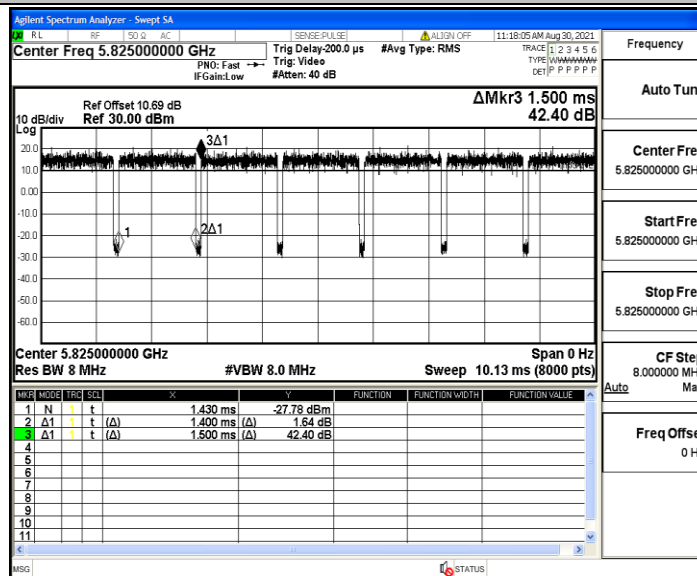
11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5745

