

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

Product Name: Set Top Box

Trade Mark: N/A

Test Model: Claro STB SEI800CCOA-M

FCC ID: 2AOVU-SN6BHXX

Environmental Conditions

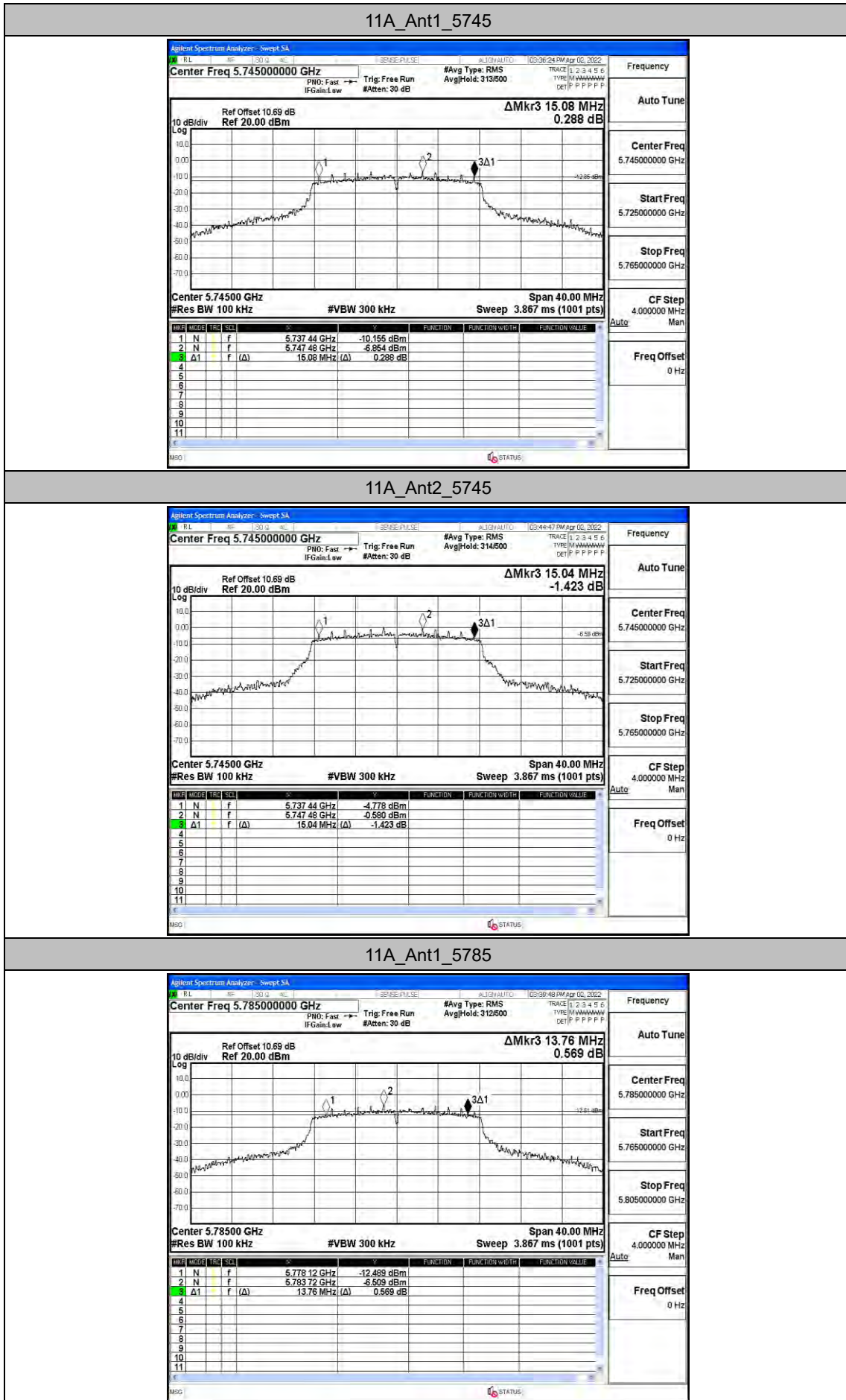
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: Min emission bandwidth

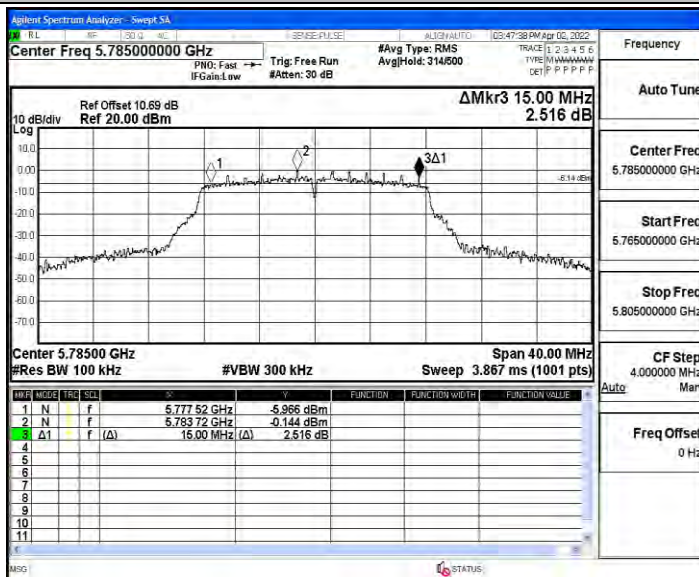
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
	Ant2	5745	15.040	5737.440	5752.480	0.5	PASS
	Ant1	5785	13.760	5778.120	5791.880	0.5	PASS
	Ant2	5785	15.000	5777.520	5792.520	0.5	PASS
	Ant1	5825	15.120	5817.440	5832.560	0.5	PASS
	Ant2	5825	15.040	5817.480	5832.520	0.5	PASS
11N20MIMO	Ant1	5745	15.040	5737.440	5752.480	0.5	PASS
	Ant2	5745	15.040	5737.520	5752.560	0.5	PASS
	Ant1	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant2	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant1	5825	15.040	5817.440	5832.480	0.5	PASS
	Ant2	5825	15.080	5817.440	5832.520	0.5	PASS
11N40MIMO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant2	5755	35.040	5737.480	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	15.080	5737.440	5752.520	0.5	PASS
	Ant2	5745	15.040	5737.520	5752.560	0.5	PASS
	Ant1	5785	14.920	5777.520	5792.440	0.5	PASS
	Ant2	5785	15.000	5777.480	5792.480	0.5	PASS
	Ant1	5825	15.120	5817.400	5832.520	0.5	PASS
	Ant2	5825	15.120	5817.400	5832.520	0.5	PASS
11AC40MIMO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	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

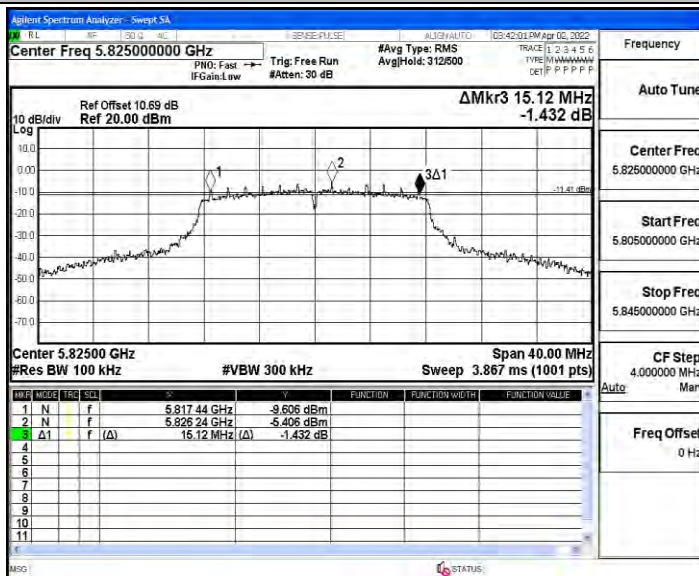
Test Graphs



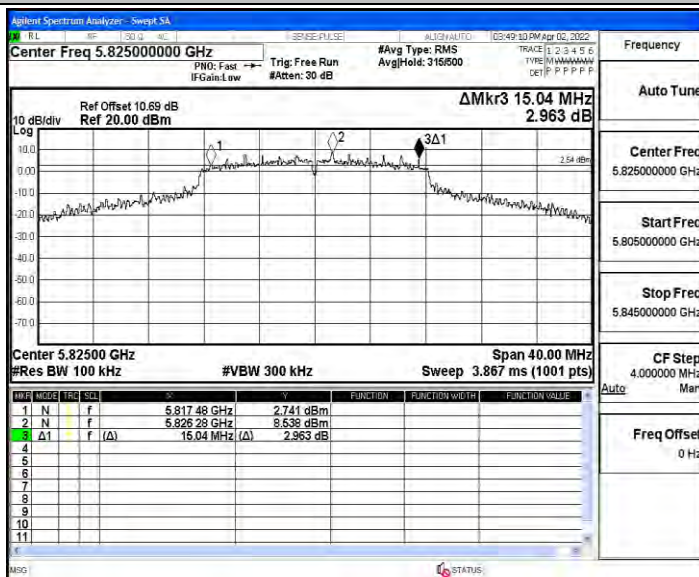
11A_Ant2_5785



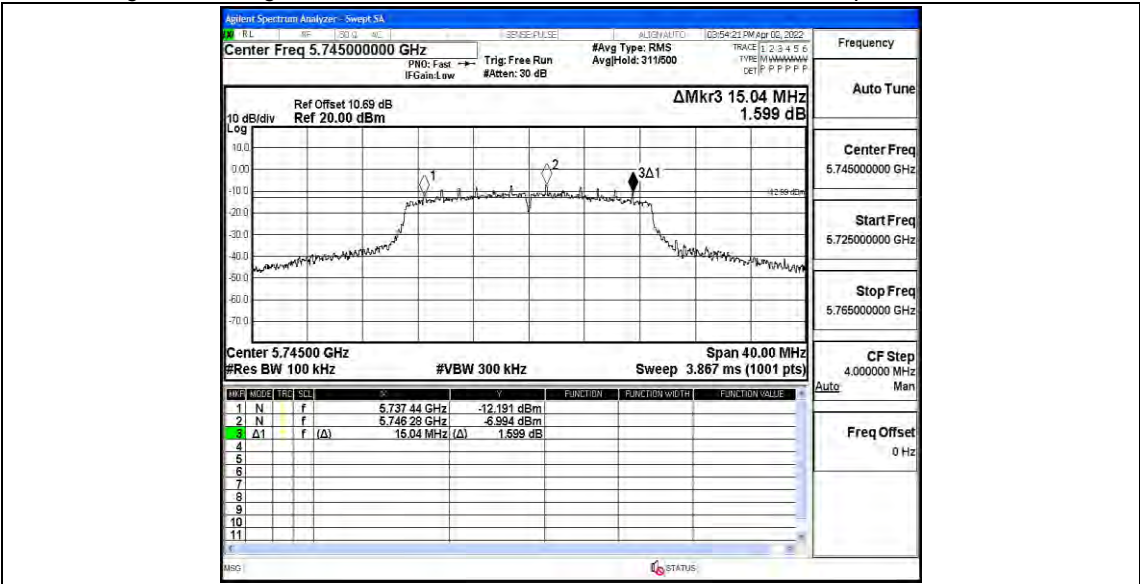
11A_Ant1_5825



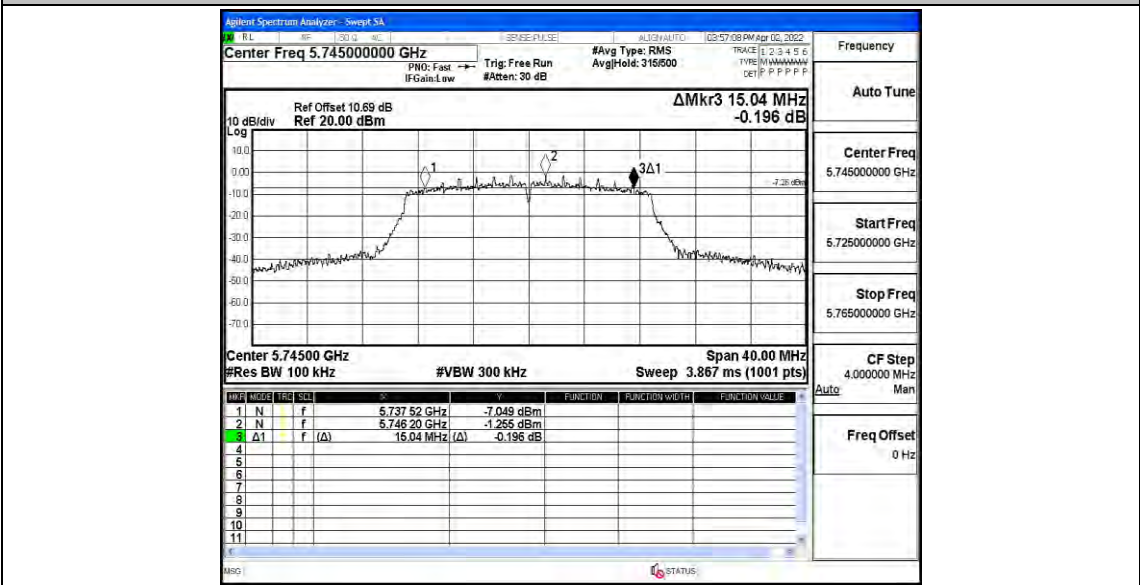
11A_Ant2_5825



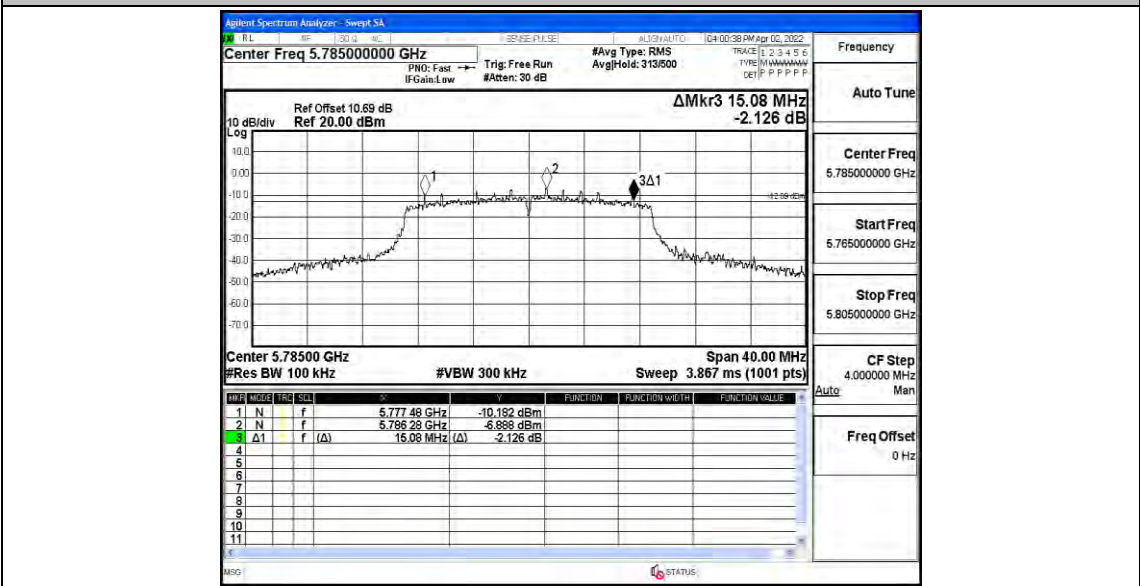
11N20MIMO_Ant1_5745



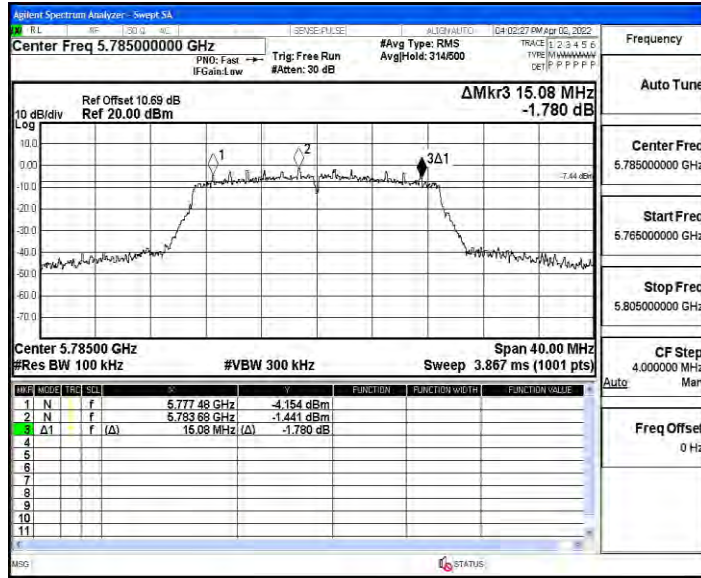
11N20MIMO_Ant2_5745



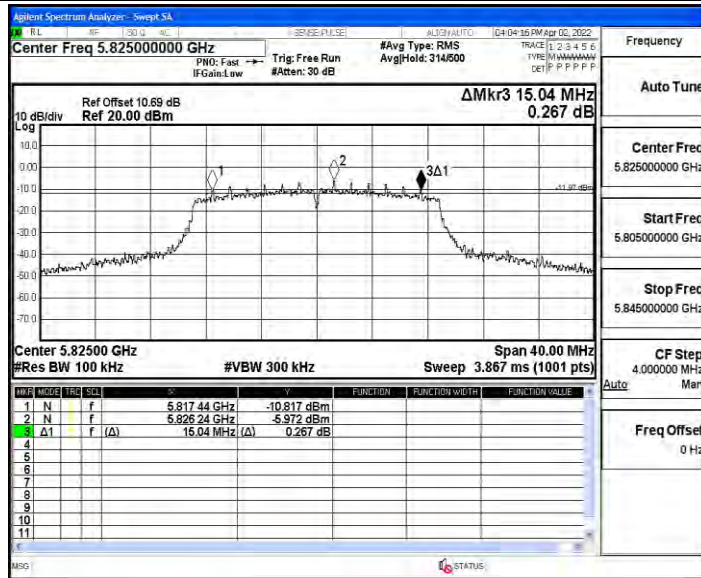
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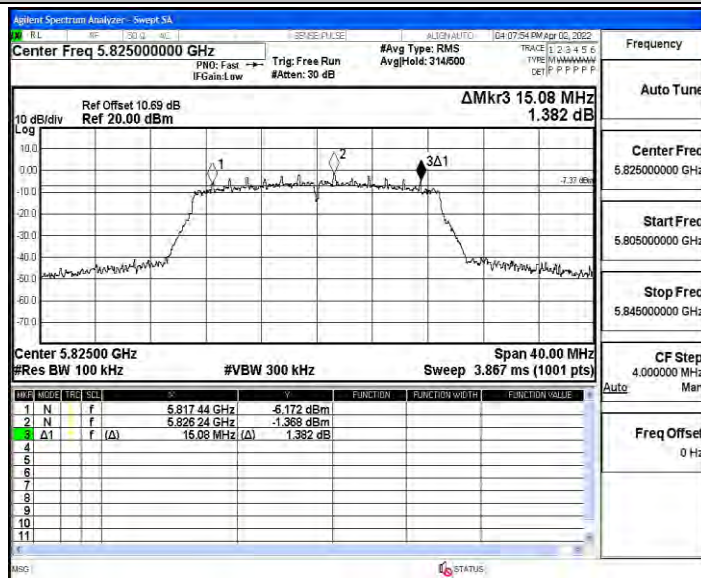
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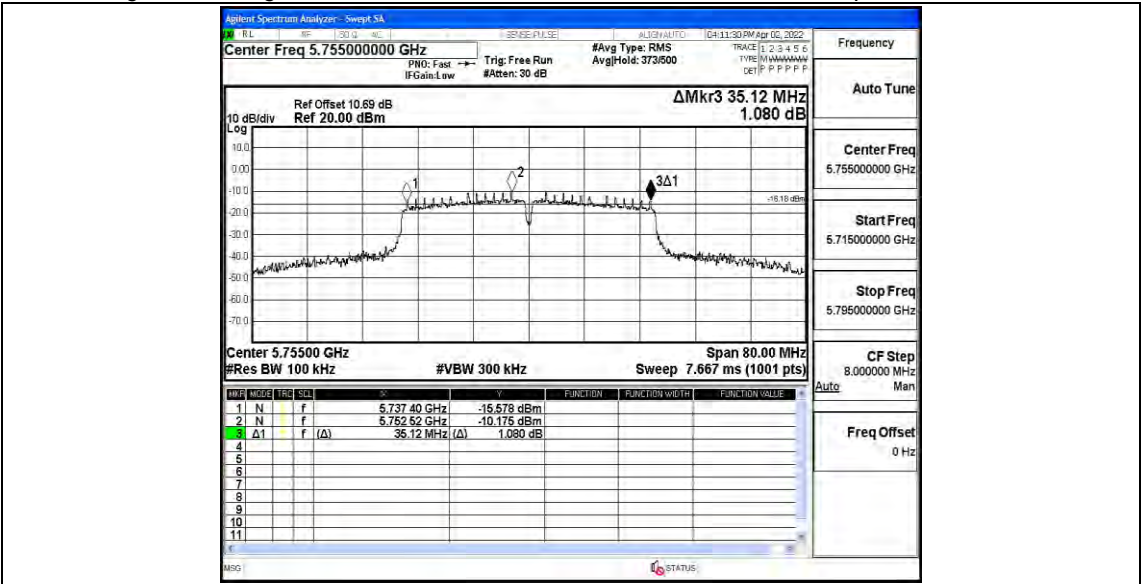
11N20MIMO_Ant1_5825



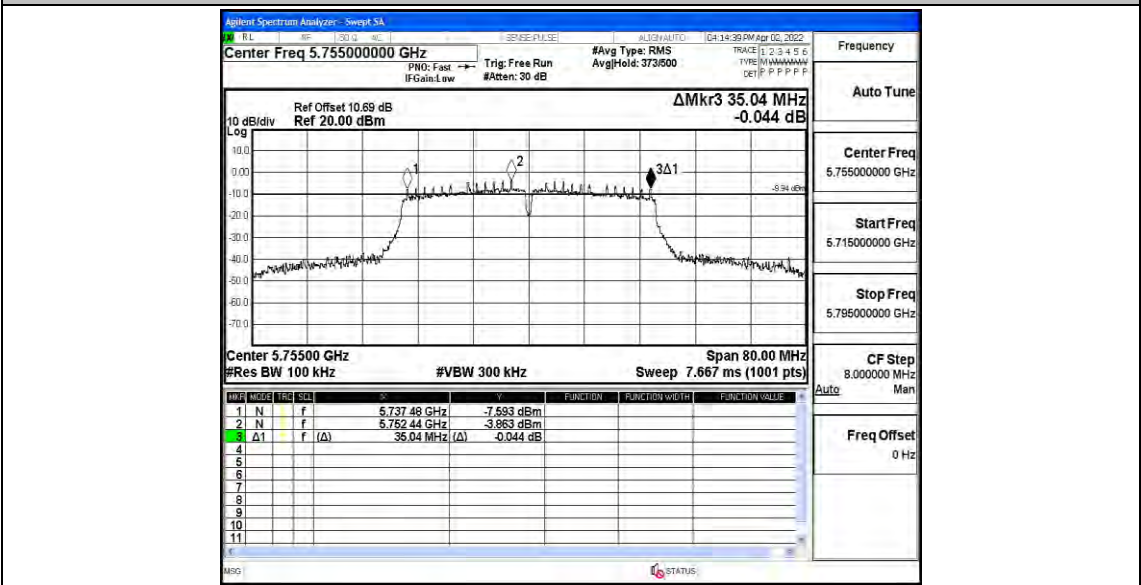
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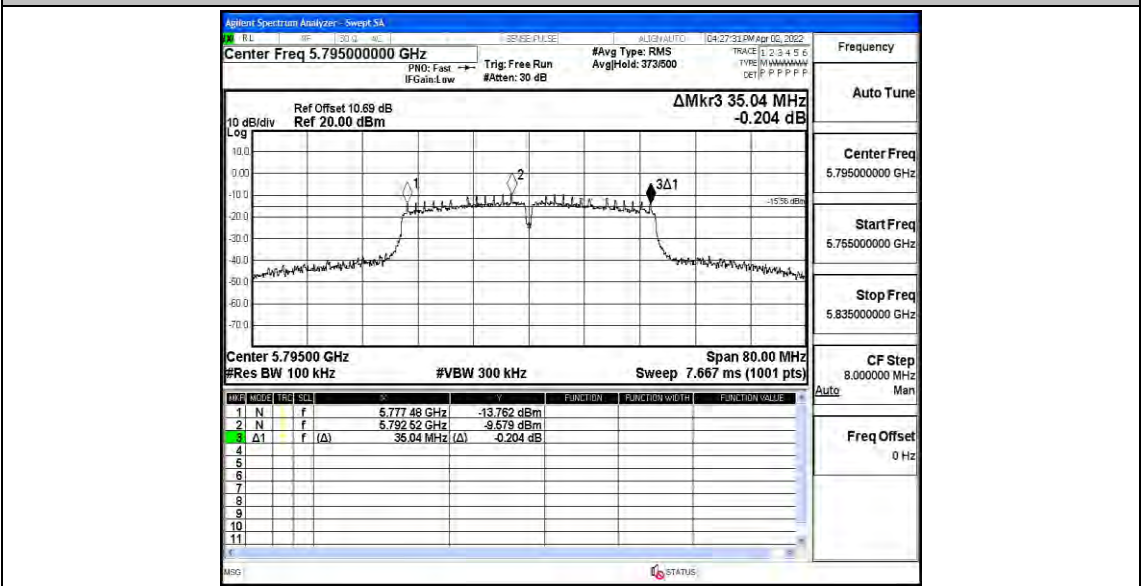
11N40MIMO_Ant1_5755



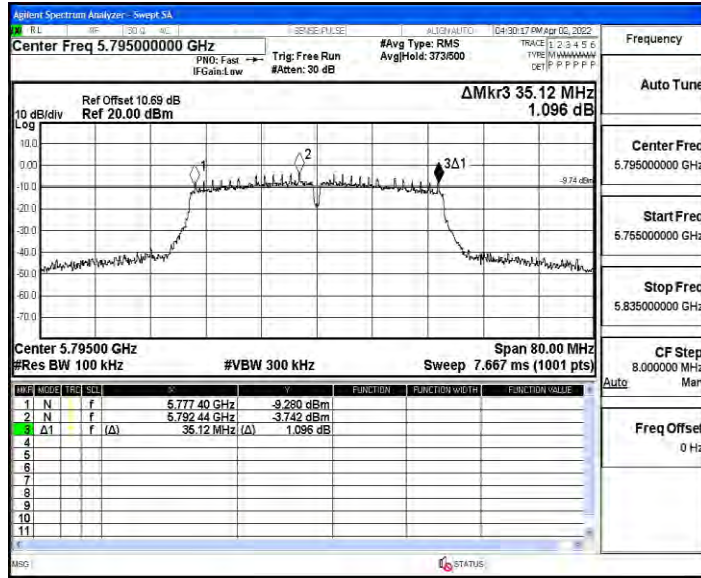
11N40MIMO_Ant2_5755



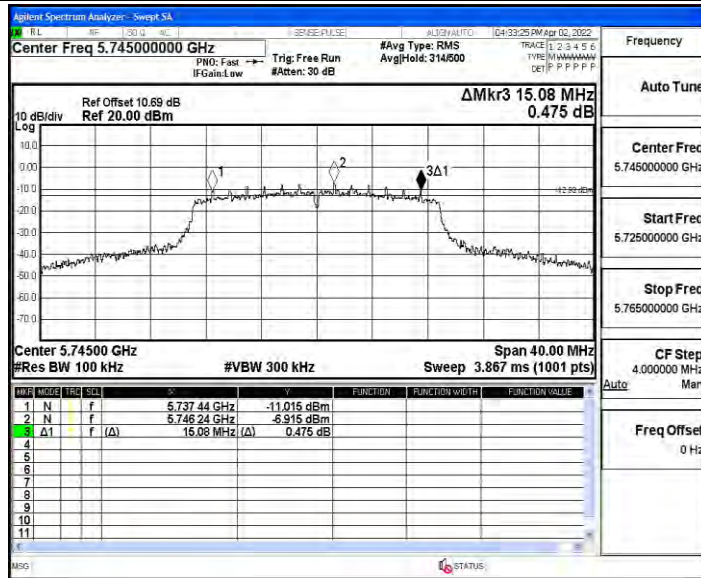
11N40MIMO_Ant1_5795



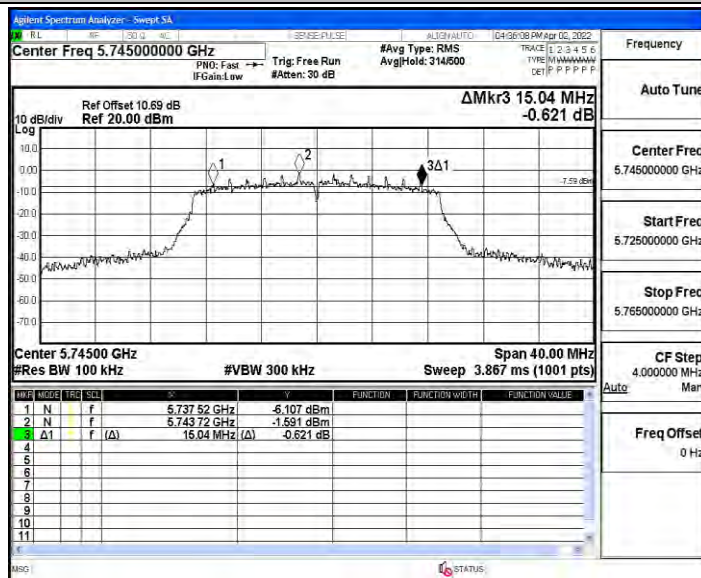
11N40MIMO_Ant2_5795



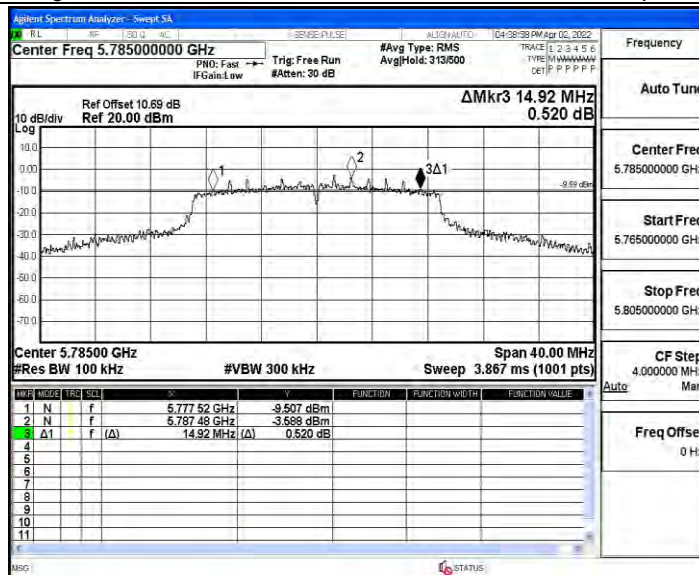
11AC20MIMO_Ant1_5745



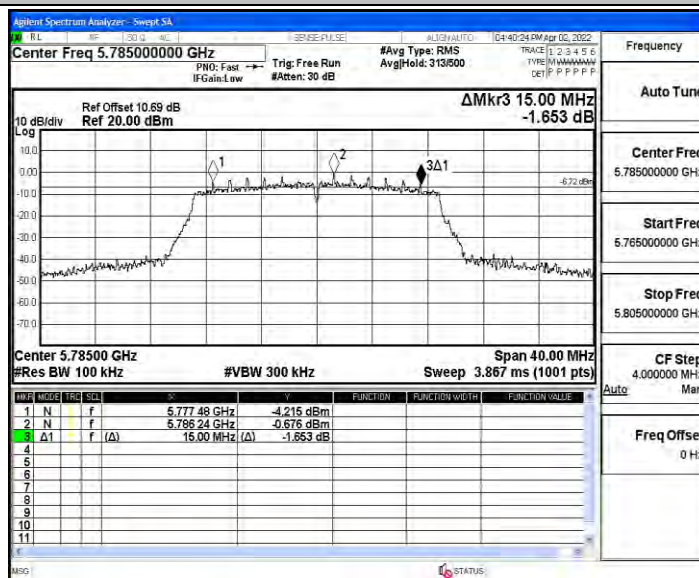
11AC20MIMO_Ant2_5745



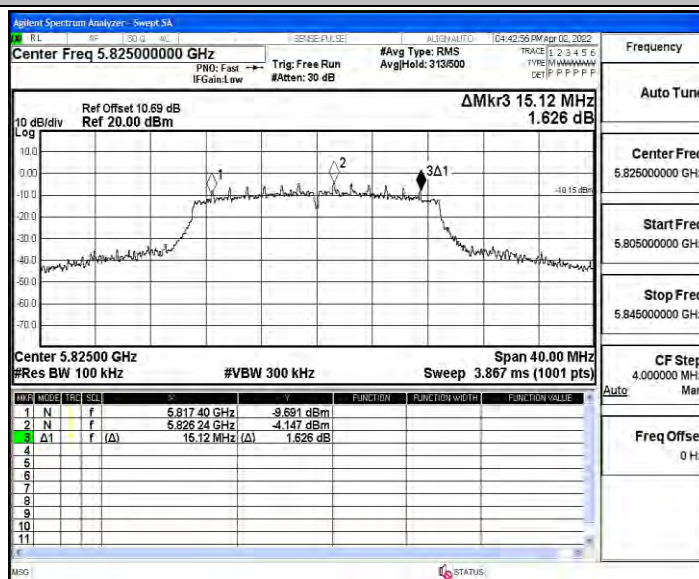
11AC20MIMO_Ant1_5785



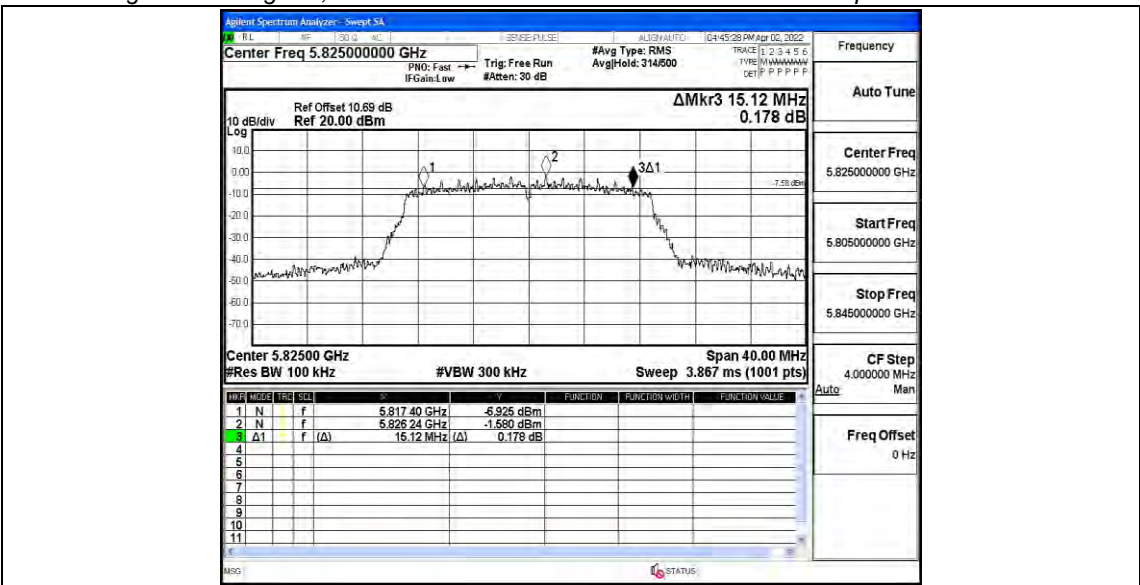
11AC20MIMO_Ant2_5785



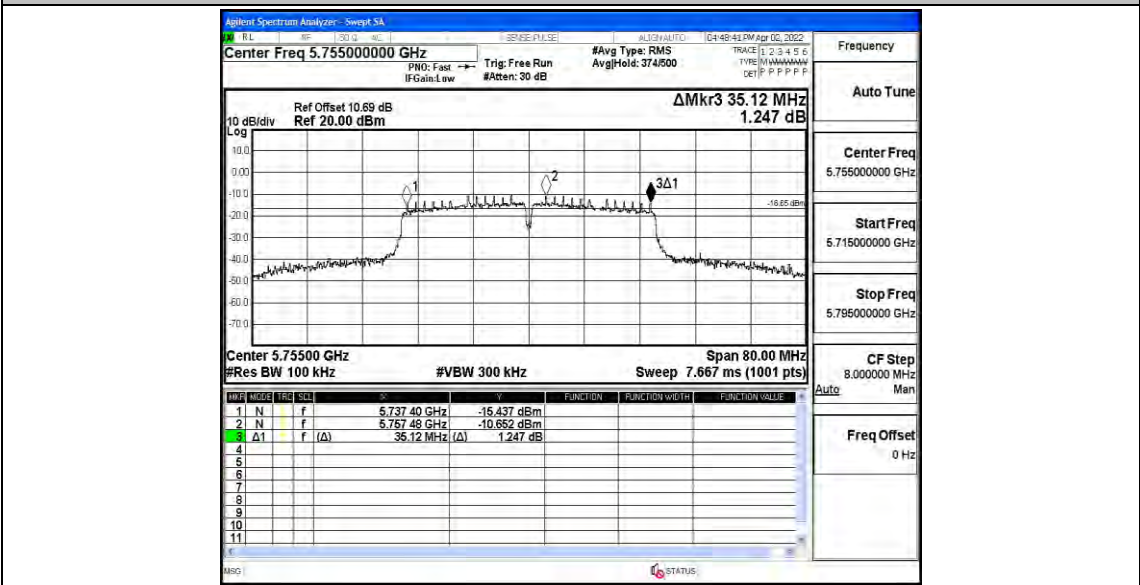
11AC20MIMO_Ant1_5825



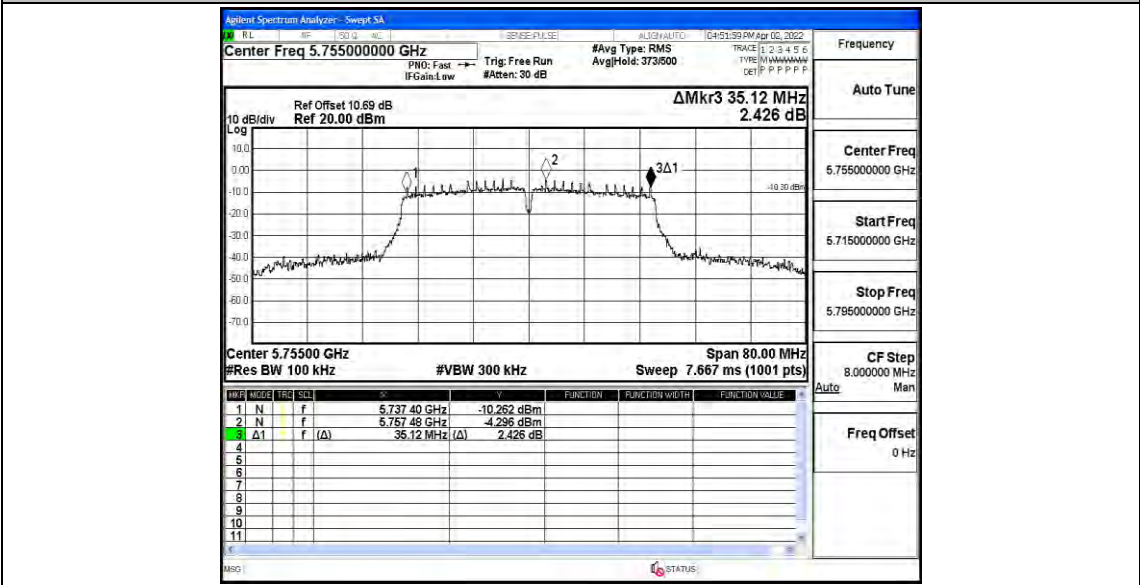
11AC20MIMO_Ant2_5825



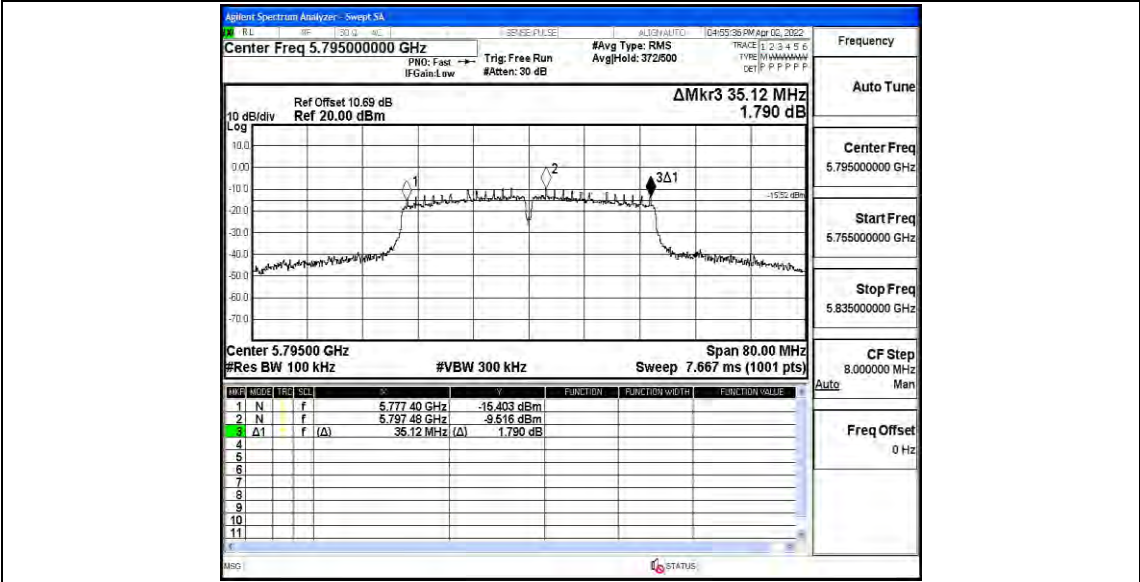
11AC40MIMO_Ant1_5755



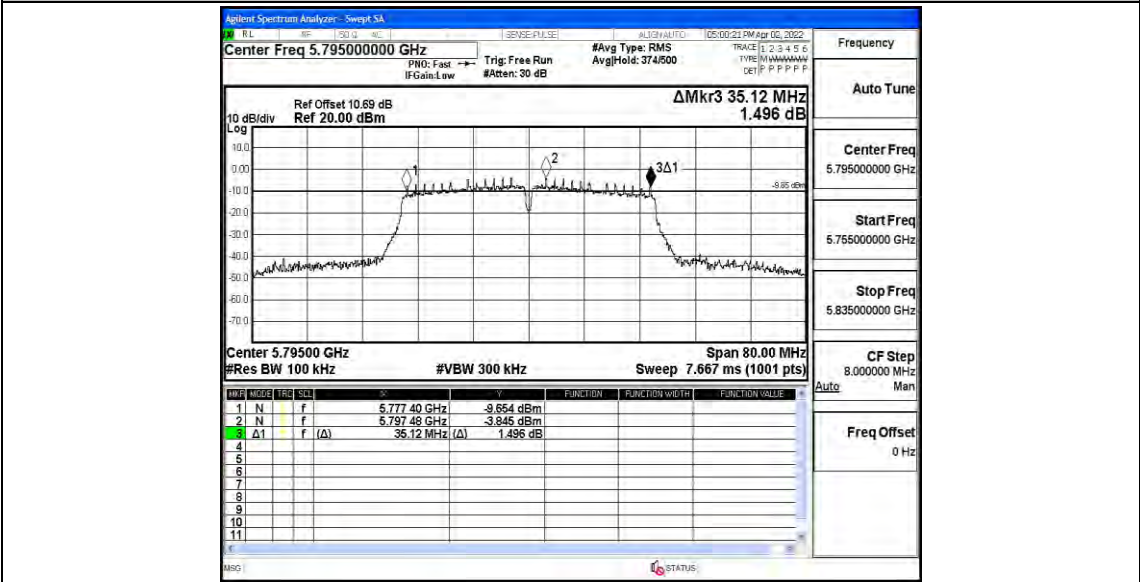
11AC40MIMO_Ant2_5755



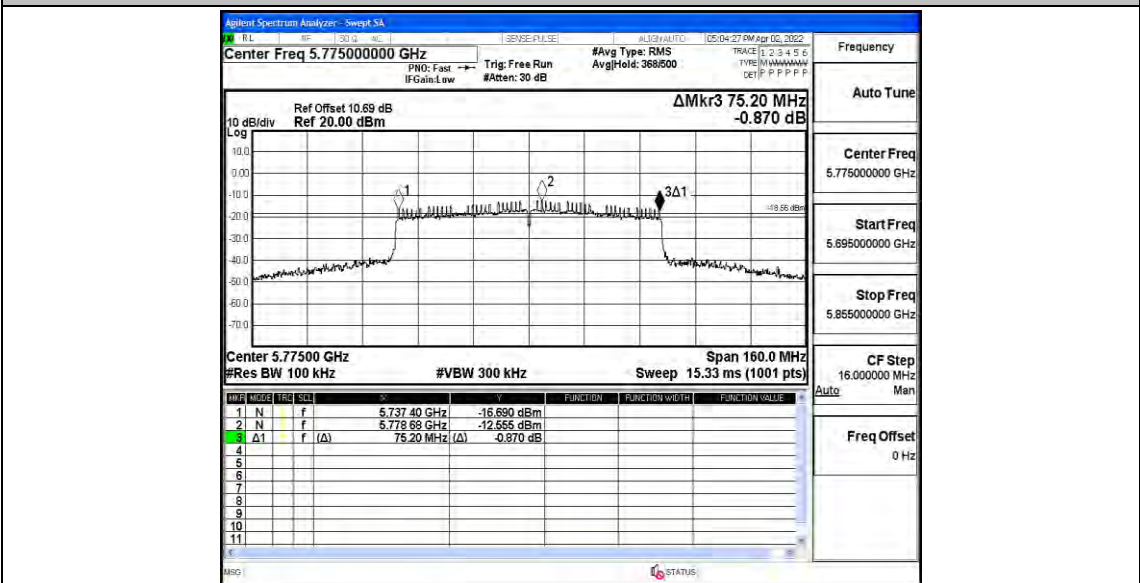
11AC40MIMO_Ant1_5795



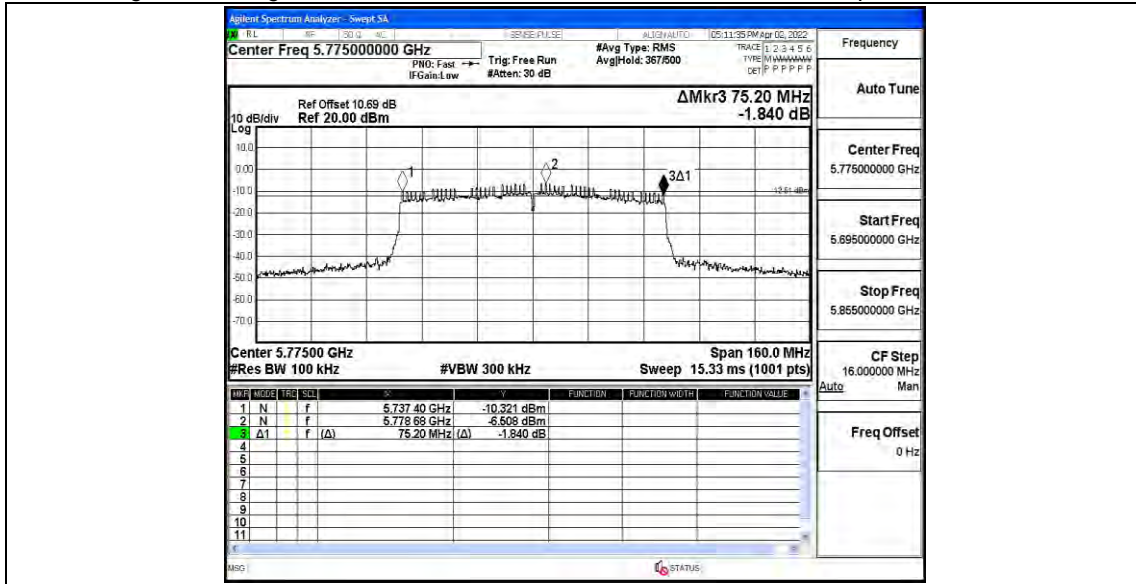
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	3.83	≤30	PASS
	Ant2	5745	10.06	≤30	PASS
	Ant1	5785	4.11	≤30	PASS
	Ant2	5785	10.38	≤30	PASS
	Ant1	5825	4.79	≤30	PASS
	Ant2	5825	12.92	≤30	PASS
11N20MIMO	Ant1	5745	2.81	≤30	PASS
	Ant2	5745	8.99	≤30	PASS
	total	5745	9.93	≤29.28	PASS
	Ant1	5785	3.15	≤30	PASS
	Ant2	5785	9.29	≤30	PASS
	total	5785	10.24	≤29.28	PASS
	Ant1	5825	3.66	≤30	PASS
	Ant2	5825	8.55	≤30	PASS
	total	5825	9.77	≤29.28	PASS
11N40MIMO	Ant1	5755	2.90	≤30	PASS
	Ant2	5755	9.12	≤30	PASS
	total	5755	10.05	≤29.28	PASS
	Ant1	5795	3.49	≤30	PASS
	Ant2	5795	9.12	≤30	PASS
	total	5795	10.17	≤29.28	PASS
11AC20MIMO	Ant1	5745	2.89	≤30	PASS
	Ant2	5745	8.67	≤30	PASS
	total	5745	9.69	≤29.28	PASS
	Ant1	5785	6.68	≤30	PASS
	Ant2	5785	8.89	≤30	PASS
	total	5785	10.93	≤29.28	PASS
	Ant1	5825	5.52	≤30	PASS
	Ant2	5825	8.42	≤30	PASS
	total	5825	10.22	≤29.28	PASS
11AC40MIMO	Ant1	5755	2.82	≤30	PASS
	Ant2	5755	8.85	≤30	PASS
	total	5755	9.82	≤29.28	PASS
	Ant1	5795	3.42	≤30	PASS
	Ant2	5795	9.17	≤30	PASS
	total	5795	10.19	≤29.28	PASS
11AC80MIMO	Ant1	5775	2.96	≤30	PASS
	Ant2	5775	8.98	≤30	PASS
	total	5775	9.95	≤29.28	PASS

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

Appendix C: Maximum power spectral density

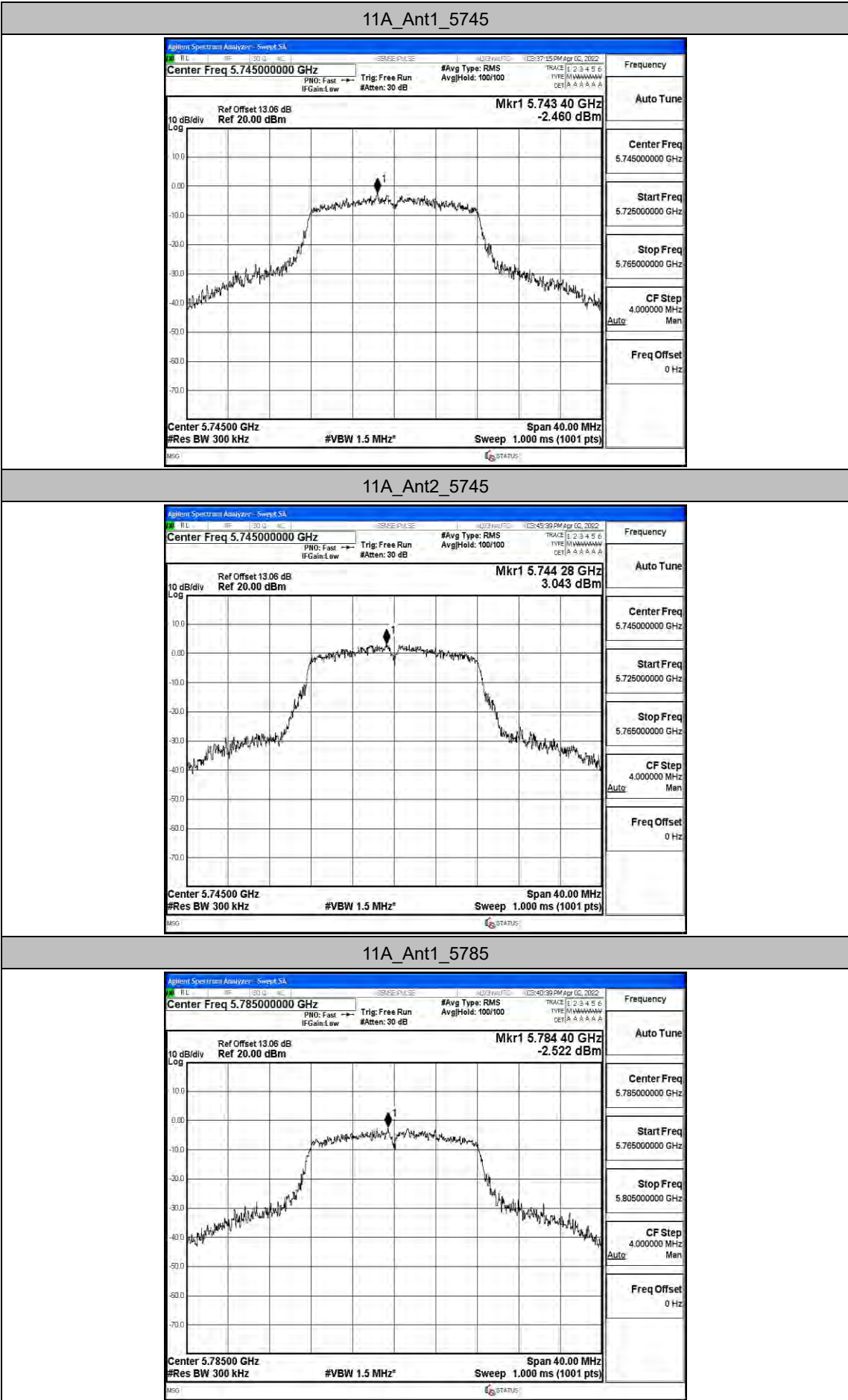
Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.46	≤30	PASS
	Ant2	5745	3.04	≤30	PASS
	Ant1	5785	-2.52	≤30	PASS
	Ant2	5785	3.38	≤30	PASS
	Ant1	5825	-2.29	≤30	PASS
	Ant2	5825	7.35	≤30	PASS
11N20MIMO	Ant1	5745	-4.01	≤30	PASS
	Ant2	5745	2.46	≤30	PASS
	total	5745	3.34	≤29.28	PASS
	Ant1	5785	-3.75	≤30	PASS
	Ant2	5785	2.49	≤30	PASS
	total	5785	3.42	≤29.28	PASS
	Ant1	5825	-2.94	≤30	PASS
	Ant2	5825	1.63	≤30	PASS
	total	5825	2.93	≤29.28	PASS
11N40MIMO	Ant1	5755	-7.03	≤30	PASS
	Ant2	5755	-0.73	≤30	PASS
	total	5755	0.18	≤29.28	PASS
	Ant1	5795	-5.88	≤30	PASS
	Ant2	5795	-0.25	≤30	PASS
	total	5795	0.80	≤29.28	PASS
11AC20MIMO	Ant1	5745	-3.96	≤30	PASS
	Ant2	5745	2.08	≤30	PASS
	total	5745	3.05	≤29.28	PASS
	Ant1	5785	-0.25	≤30	PASS
	Ant2	5785	1.83	≤30	PASS
	total	5785	3.92	≤29.28	PASS
	Ant1	5825	-1.12	≤30	PASS
	Ant2	5825	2.67	≤30	PASS
	total	5825	4.19	≤29.28	PASS
11AC40MIMO	Ant1	5755	-6.99	≤30	PASS
	Ant2	5755	-1.1	≤30	PASS
	total	5755	-0.10	≤29.28	PASS
	Ant1	5795	-6.38	≤30	PASS
	Ant2	5795	-0.67	≤30	PASS
	total	5795	0.36	≤29.28	PASS
11AC80MIMO	Ant1	5775	-9.74	≤30	PASS
	Ant2	5775	-3.6	≤30	PASS
	total	5775	-2.65	≤29.28	PASS

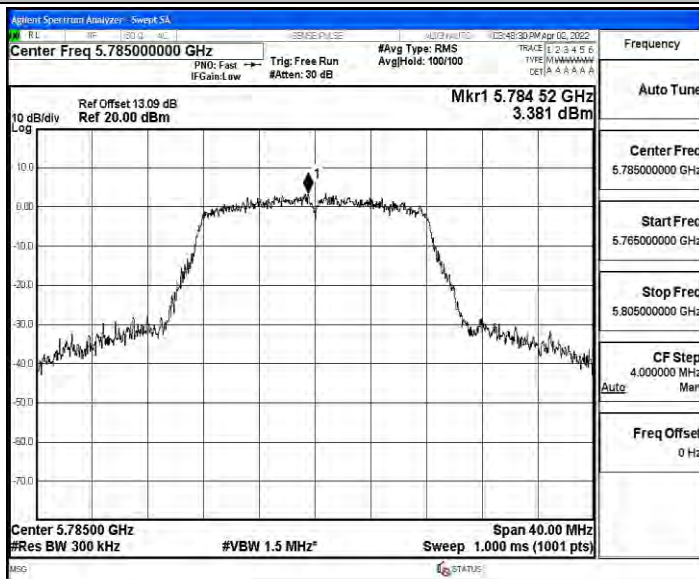
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

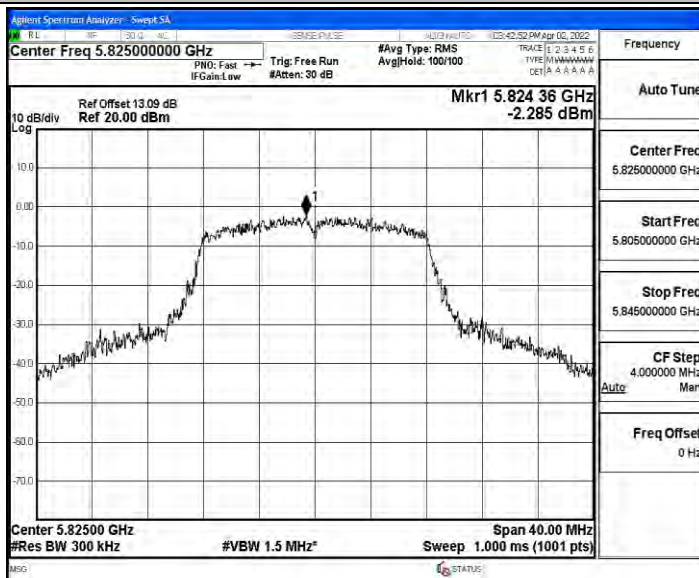
Test Graphs



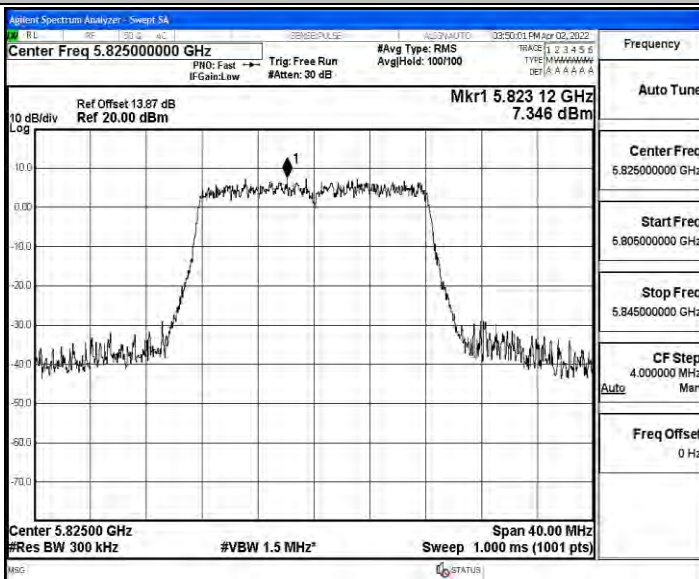
11A_Ant2_5785



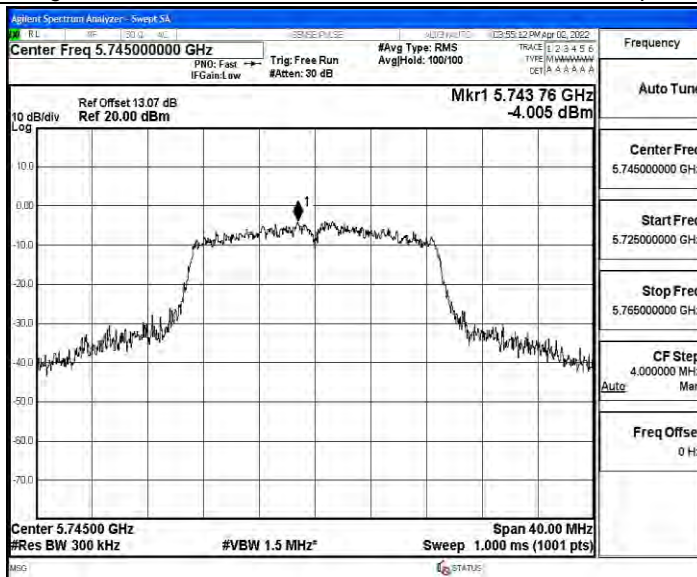
11A_Ant1_5825



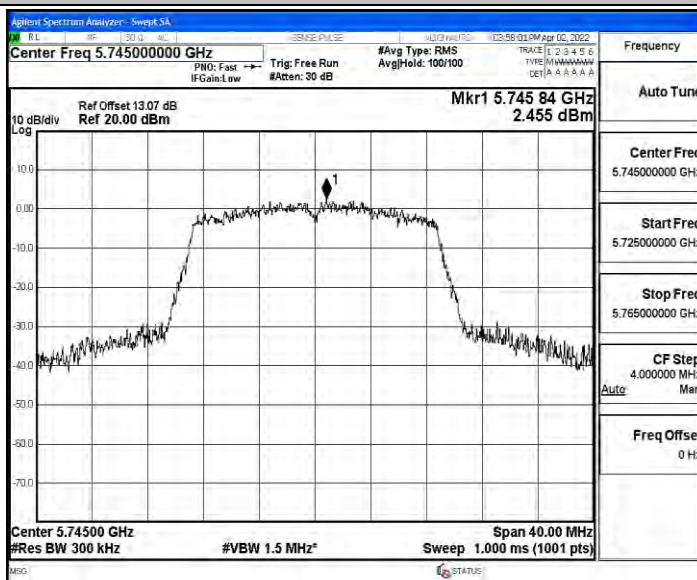
11A_Ant2_5825



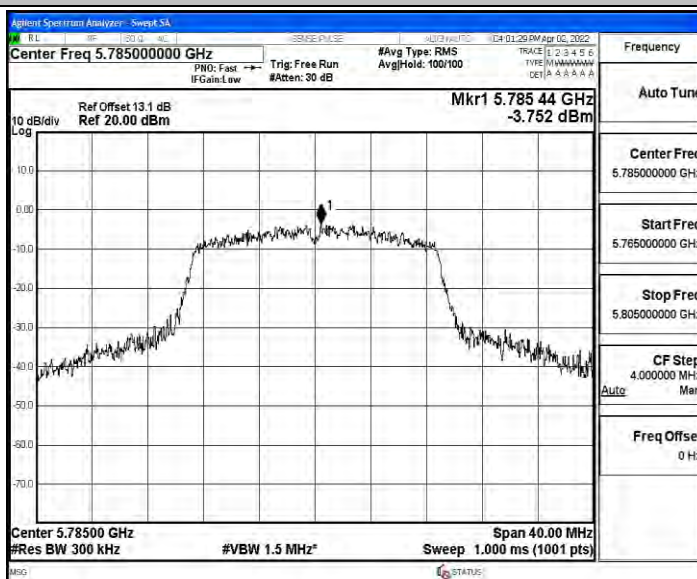
11N20MIMO_Ant1_5745



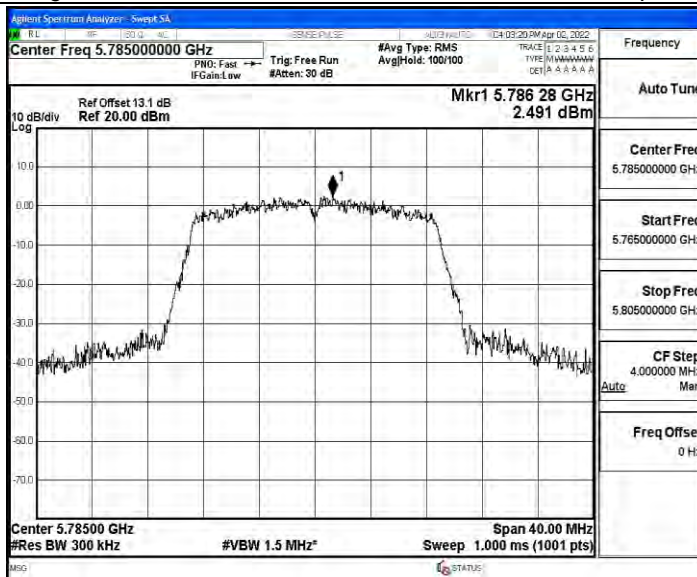
11N20MIMO_Ant2_5745



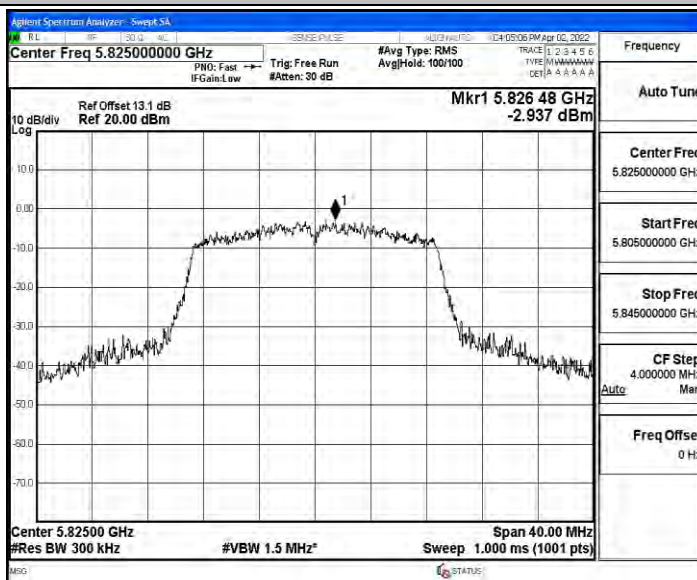
11N20MIMO_Ant1_5785



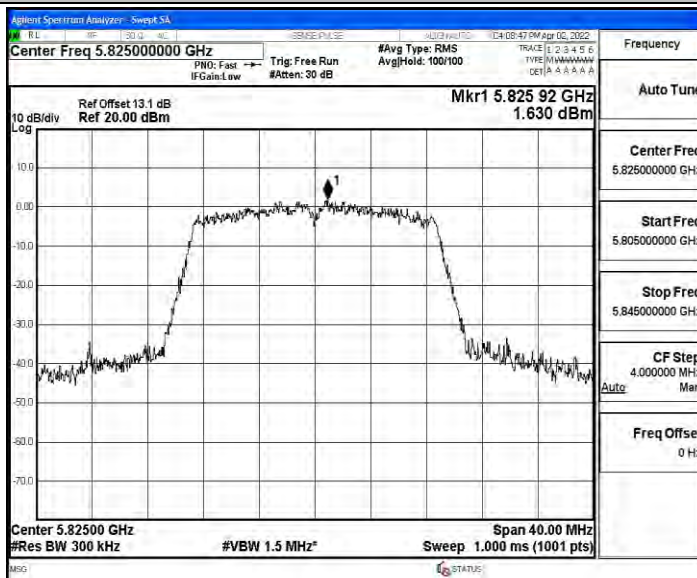
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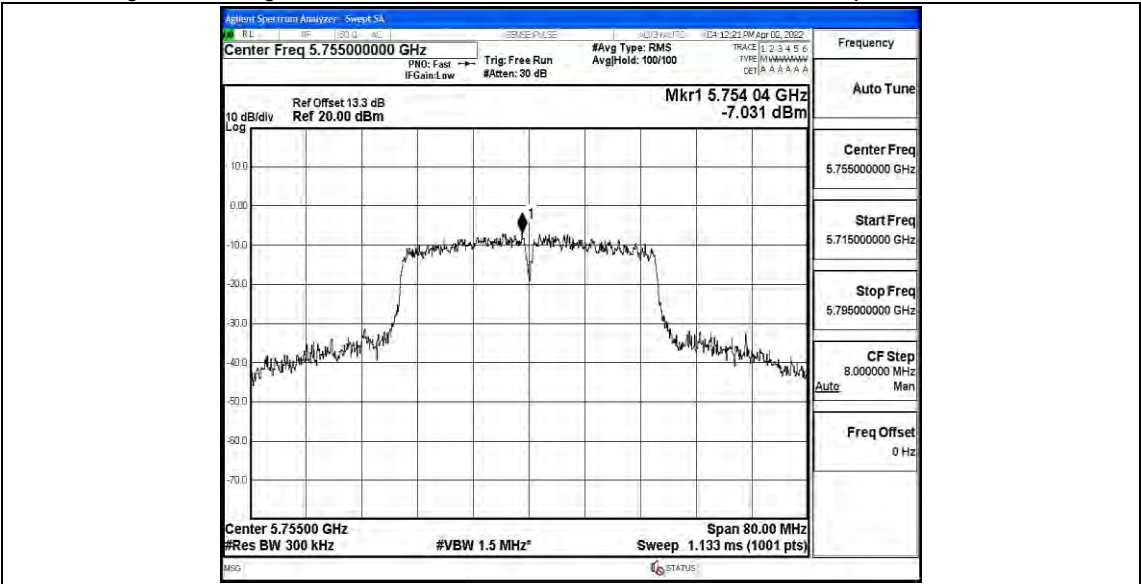
11N20MIMO_Ant1_5825



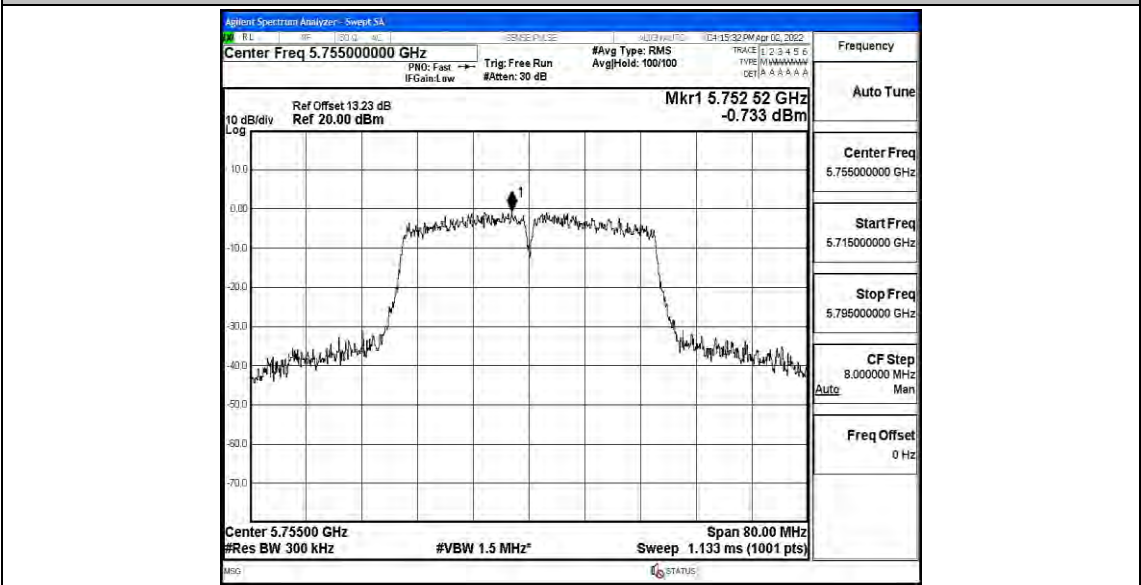
11N20MIMO_Ant2_5825



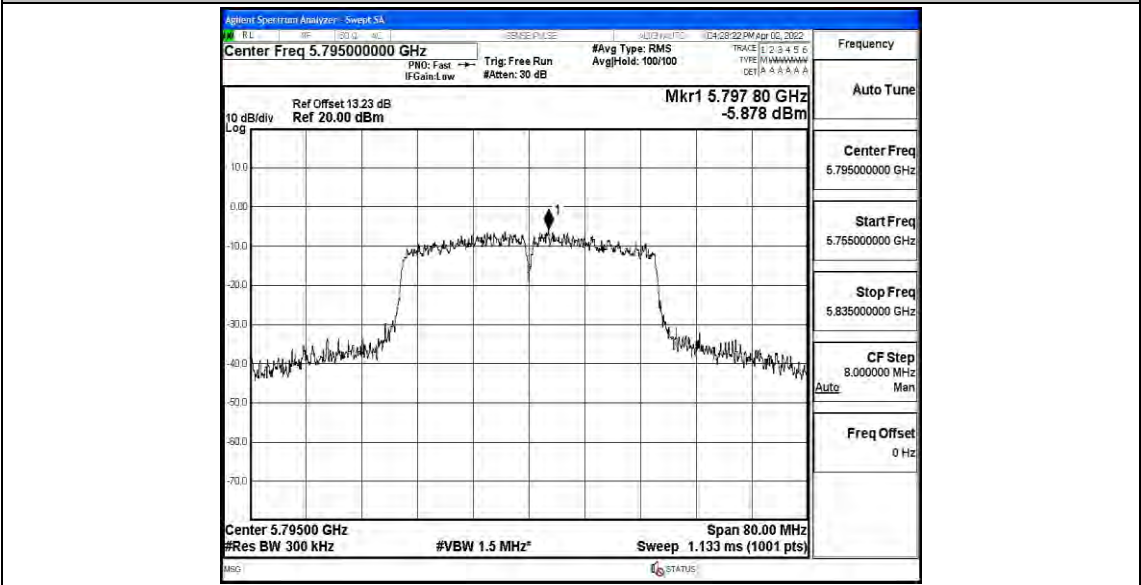
11N40MIMO_Ant1_5755



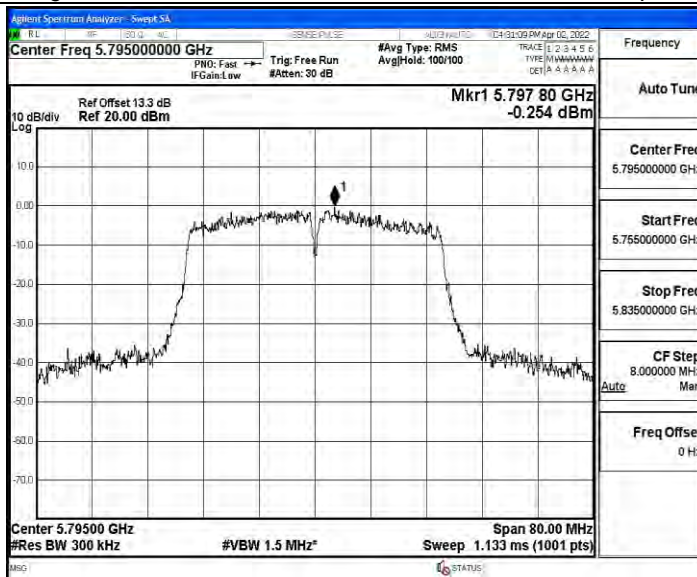
11N40MIMO_Ant2_5755



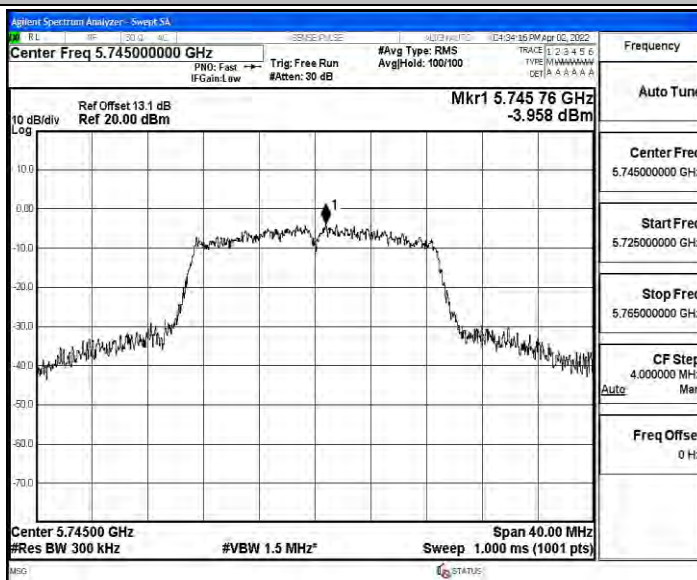
11N40MIMO_Ant1_5795



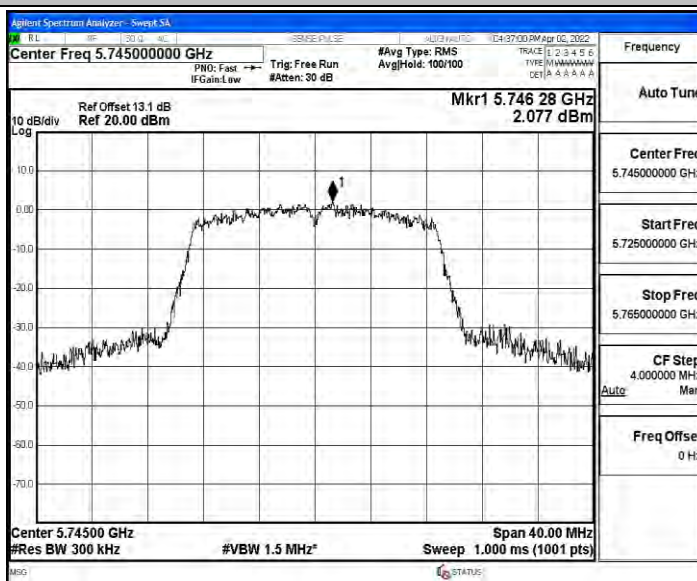
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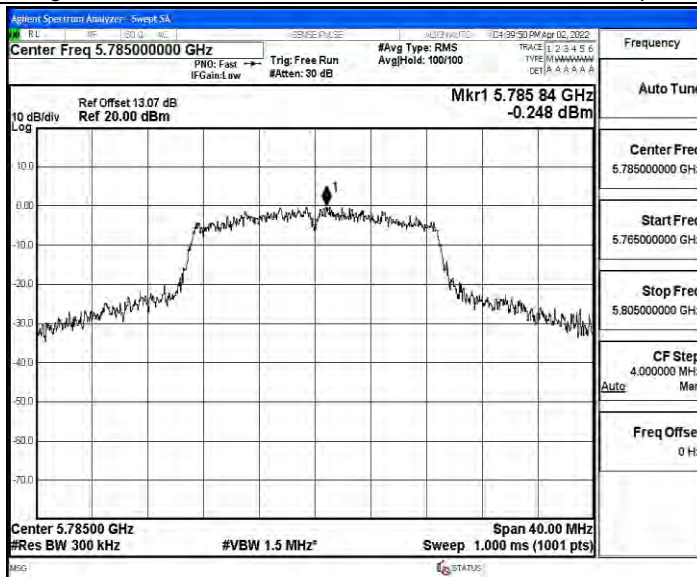
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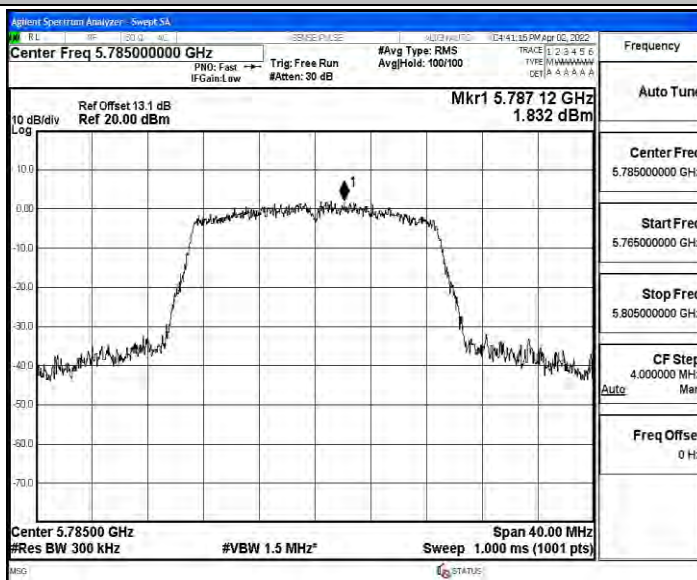
11AC20MIMO_Ant2_5745



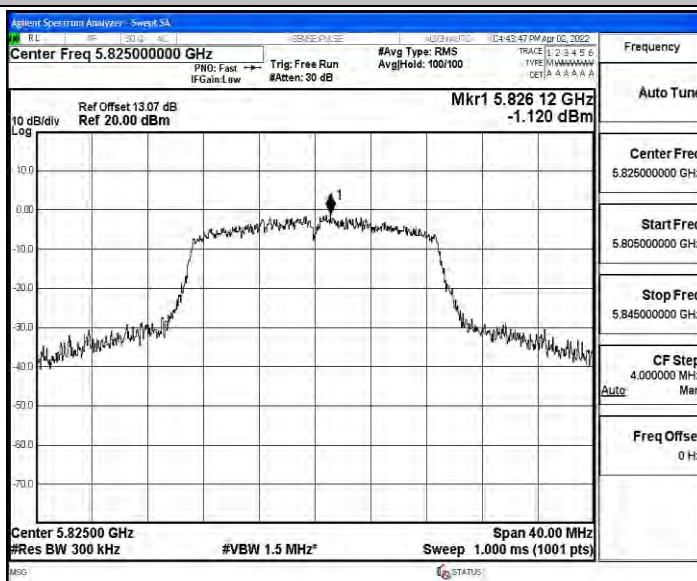
11AC20MIMO_Ant1_5785



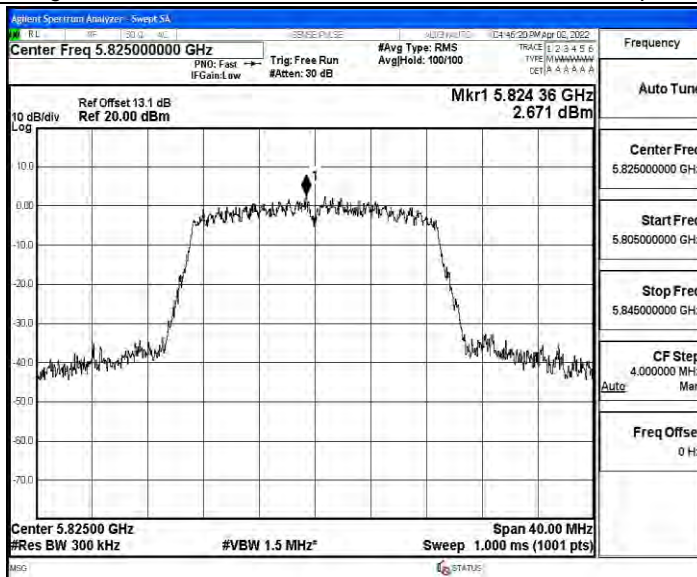
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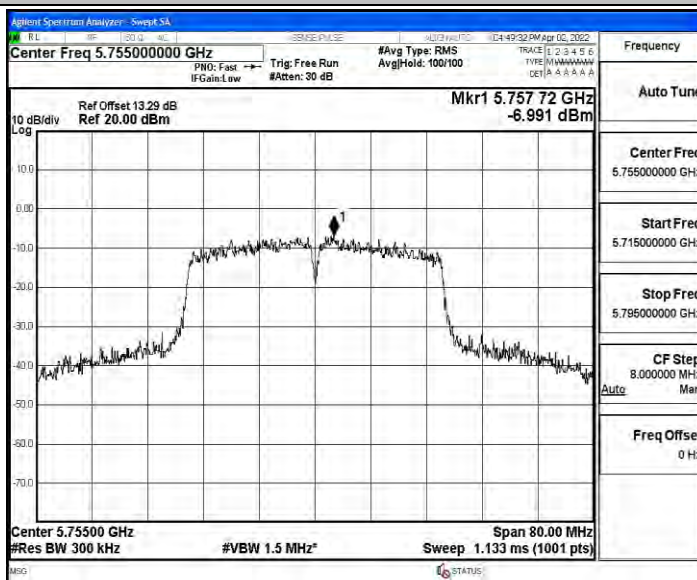
11AC20MIMO_Ant1_5825



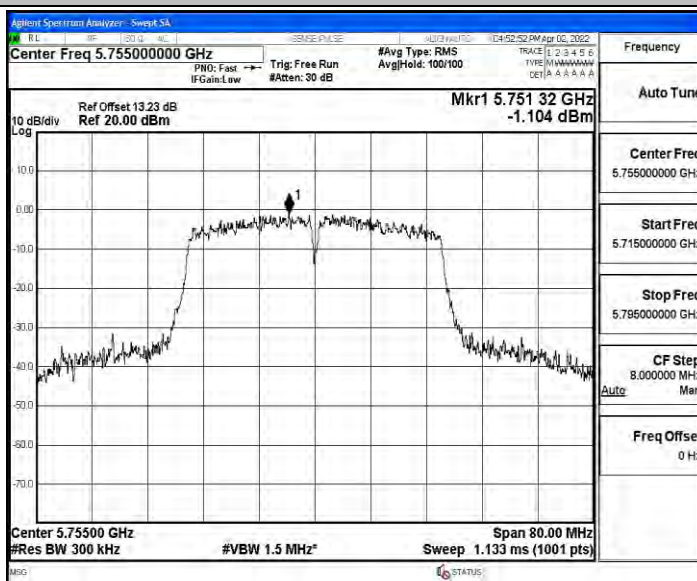
11AC20MIMO_Ant2_5825



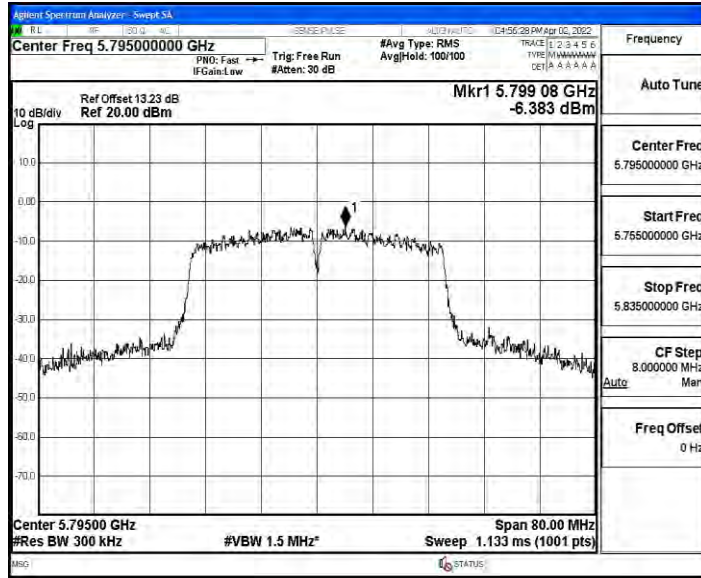
11AC40MIMO_Ant1_5755



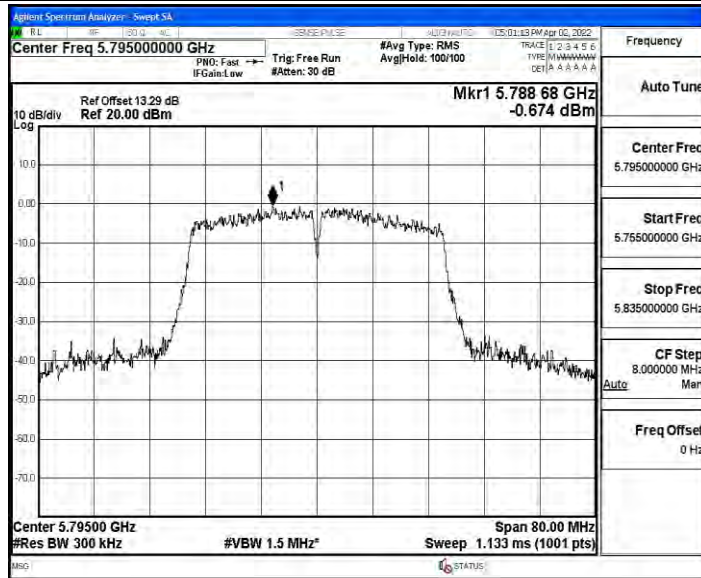
11AC40MIMO_Ant2_5755



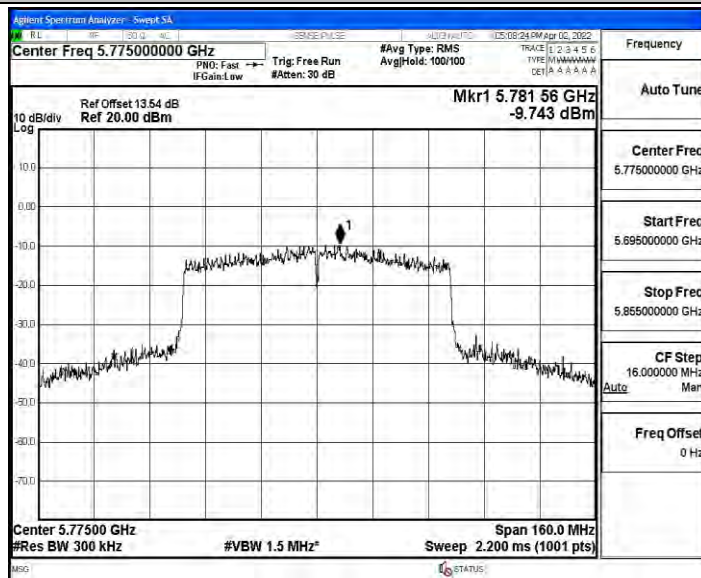
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

Appendix D: Band edge measurements

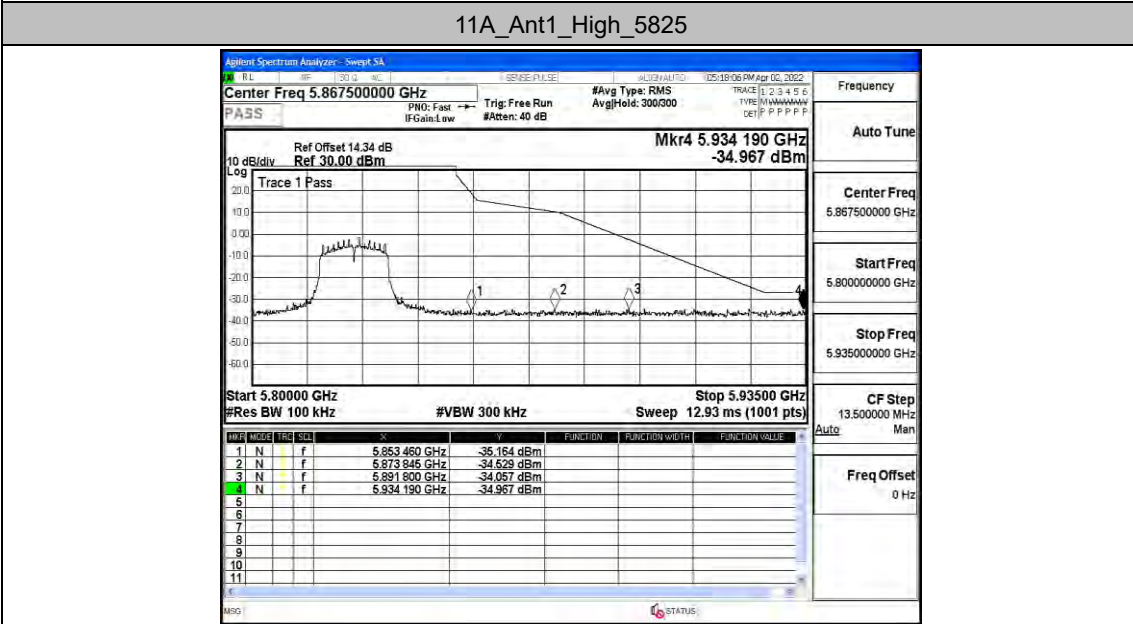
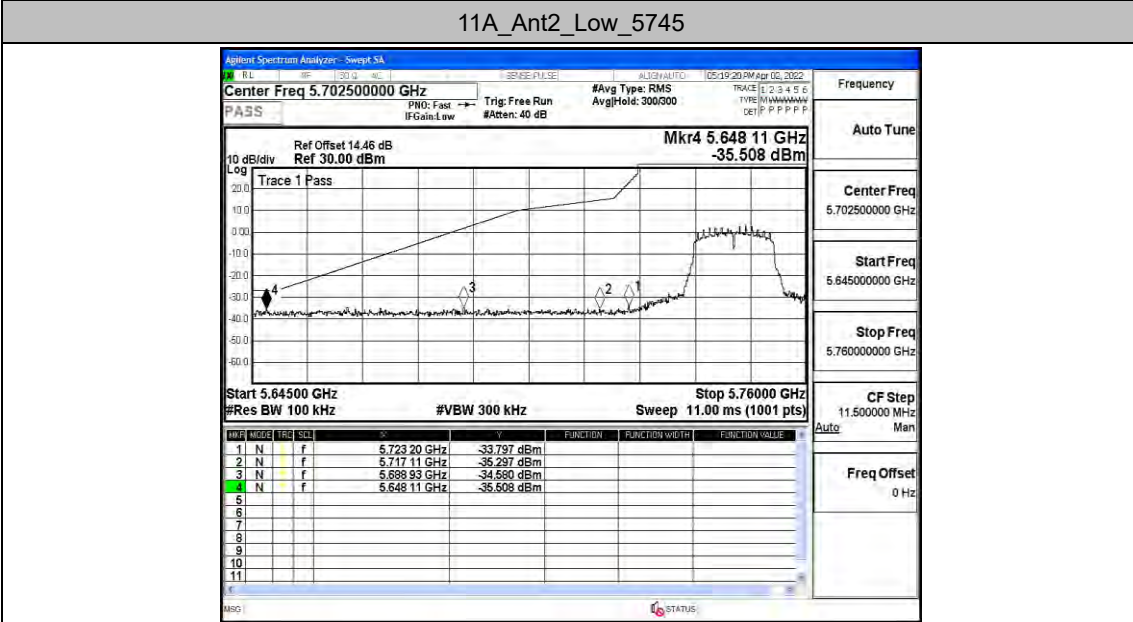
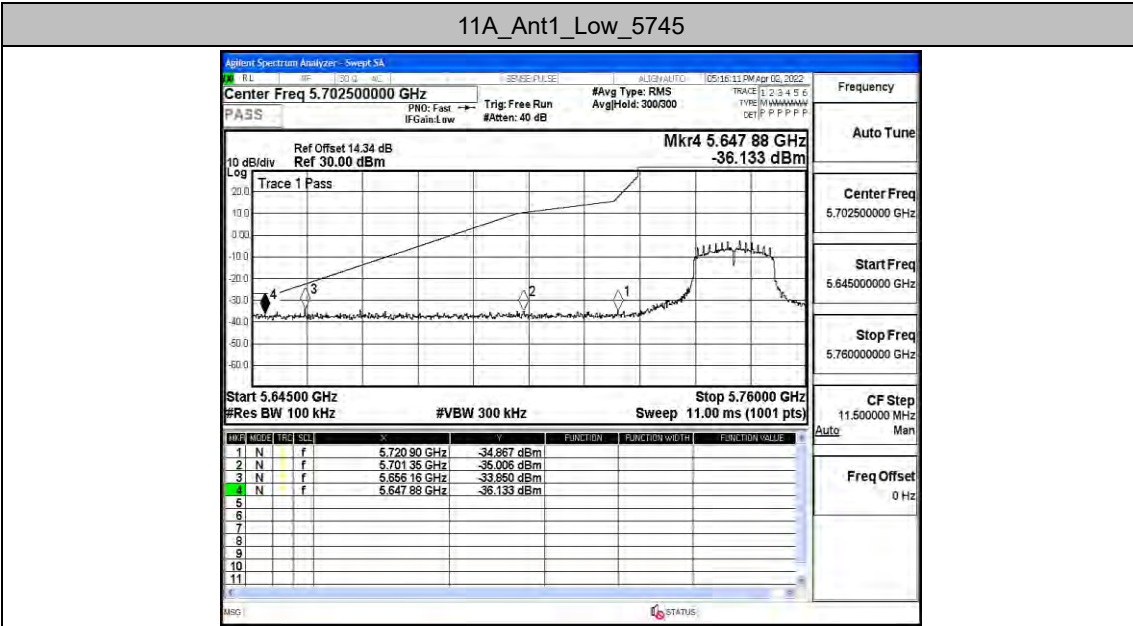
Test Result

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-33.85	≤-22.45	PASS
				5700~5720	-35.01	≤10.38	PASS
				5720~5725	-34.87	≤17.65	PASS
				5760~5650	-36.13	≤-27	PASS
	Ant2	Low	5745	5650~5700	-34.58	≤1.81	PASS
				5700~5720	-35.3	≤14.79	PASS
				5720~5725	-33.8	≤22.90	PASS
				5760~5650	-35.51	≤-27	PASS
	Ant1	High	5825	5850~5855	-35.16	≤23.49	PASS
				5855~5875	-34.53	≤15.28	PASS
				5875~5925	-34.06	≤-14.57	PASS
				5925~5935	-34.97	≤-27	PASS
	Ant2	High	5825	5850~5855	-22.98	≤17.95	PASS
				5855~5875	-25.6	≤10.17	PASS
				5875~5925	-33.4	≤-20.86	PASS
				5925~5935	-34.79	≤-27	PASS
11N20MI MO	Ant1	Low	5745	5650~5700	-34.94	≤-20.49	PASS
				5700~5720	-34.32	≤15.59	PASS
				5720~5725	-35.08	≤25.26	PASS
				5760~5650	-35.9	≤-27	PASS
	Ant2	Low	5745	5650~5700	-35.04	≤0.36	PASS
				5700~5720	-35.09	≤13.12	PASS
				5720~5725	-33.43	≤24.99	PASS
				5760~5650	-35.85	≤-27	PASS
	Ant1	High	5825	5850~5855	-35.31	≤24.10	PASS
				5855~5875	-33.27	≤12.82	PASS
				5875~5925	-34.23	≤-26.76	PASS
				5925~5935	-35.32	≤-27	PASS
	Ant2	High	5825	5850~5855	-35.4	≤16.72	PASS
				5855~5875	-34.22	≤14.29	PASS
				5875~5925	-33.87	≤-11.07	PASS
				5925~5935	-35.51	≤-27	PASS
11N40MI MO	Ant1	Low	5755	5650~5700	-35.01	≤2.77	PASS
				5700~5720	-35.08	≤15.35	PASS
				5720~5725	-32.29	≤21.58	PASS
				5780~5650	-36.08	≤-27	PASS
	Ant2	Low	5755	5650~5700	-34.55	≤3.17	PASS
				5700~5720	-33.95	≤14.14	PASS
				5720~5725	-33.41	≤21.89	PASS

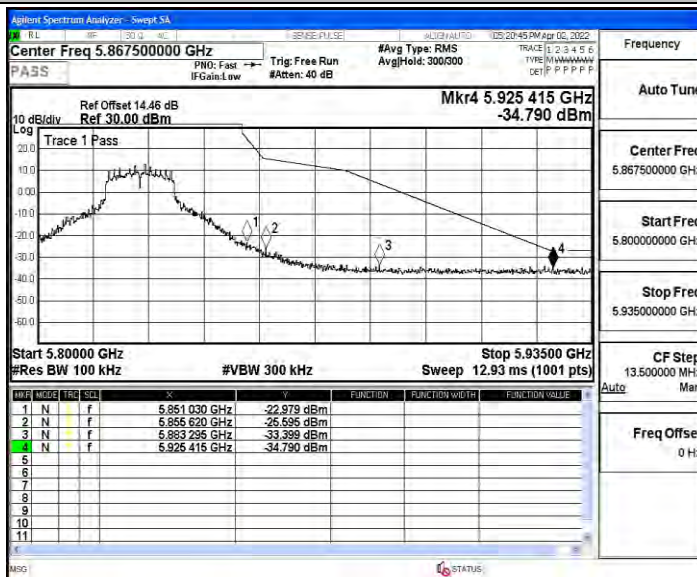
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
	Ant1	High	5795	5780~5650	-35.58	≤-27	PASS
				5850~5855	-35.39	≤23.18	PASS
				5855~5875	-34.38	≤13.27	PASS
				5875~5925	-34.6	≤-18.50	PASS
	Ant2	High	5795	5925~5935	-35.18	≤-27	PASS
				5850~5855	-35	≤19.80	PASS
				5855~5875	-34.57	≤11.66	PASS
				5875~5925	-34.37	≤-19.35	PASS
11AC20M IMO	Ant1	Low	5745	5925~5935	-34.86	≤-27	PASS
				5650~5700	-34.94	≤-25.85	PASS
				5700~5720	-34.65	≤10.64	PASS
				5720~5725	-35.02	≤22.37	PASS
	Ant2	Low	5745	5760~5650	-35.82	≤-27	PASS
				5650~5700	-35.38	≤-10.79	PASS
				5700~5720	-35.24	≤15.59	PASS
				5720~5725	-35.1	≤25.52	PASS
	Ant1	High	5825	5760~5650	-36.18	≤-27	PASS
				5850~5855	-34.21	≤17.64	PASS
				5855~5875	-33.81	≤12.56	PASS
				5875~5925	-33.7	≤7.91	PASS
	Ant2	High	5825	5925~5935	-34.94	≤-27	PASS
				5850~5855	-35.41	≤23.49	PASS
				5855~5875	-33.43	≤10.29	PASS
				5875~5925	-34.07	≤-2.58	PASS
11AC40M IMO	Ant1	Low	5755	5925~5935	-35.43	≤-27	PASS
				5650~5700	-34.25	≤7.06	PASS
				5700~5720	-35.37	≤12.63	PASS
				5720~5725	-33.27	≤21.28	PASS
	Ant2	Low	5755	5780~5650	-36.29	≤-27	PASS
				5650~5700	-35.37	≤4.07	PASS
				5700~5720	-34.52	≤15.28	PASS
				5720~5725	-33.64	≤26.20	PASS
	Ant1	High	5795	5780~5650	-35.77	≤-27	PASS
				5850~5855	-35.48	≤26.57	PASS
				5855~5875	-34.55	≤14.15	PASS
				5875~5925	-34.14	≤-21.67	PASS
Ant2	High	5795	5925~5935	-34.87	≤-27	PASS	
			5850~5855	-34.49	≤22.80	PASS	
			5855~5875	-33.82	≤10.13	PASS	
			5875~5925	-34.52	≤-20.08	PASS	
11AC80M IMO	Ant1	Low	5775	5925~5935	-34.29	≤-27	PASS
				5650~5700	-34.79	≤1.30	PASS
				5700~5720	-33.51	≤15.13	PASS
				5720~5725	-33.61	≤26.95	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict		
				5800~5650	-36.29	≤-27	PASS		
		High	5775	5850~5855	-34.61	≤18.32	PASS		
					5855~5875	-34.1	≤11.94	PASS	
					5875~5925	-34.05	≤-0.81	PASS	
					5925~5935	-34.39	≤-27	PASS	
	Ant2	Low	5775	5650~5700	-34.2	≤-19.23	PASS		
						5700~5720	-33.78	≤14.91	PASS
						5720~5725	-33.87	≤18.83	PASS
						5800~5650	-36.26	≤-27	PASS
			High	5775	5850~5855	-35.04	≤16.64	PASS	
						5855~5875	-33.83	≤10.44	PASS
						5875~5925	-34.17	≤0.15	PASS
						5925~5935	-34.65	≤-27	PASS

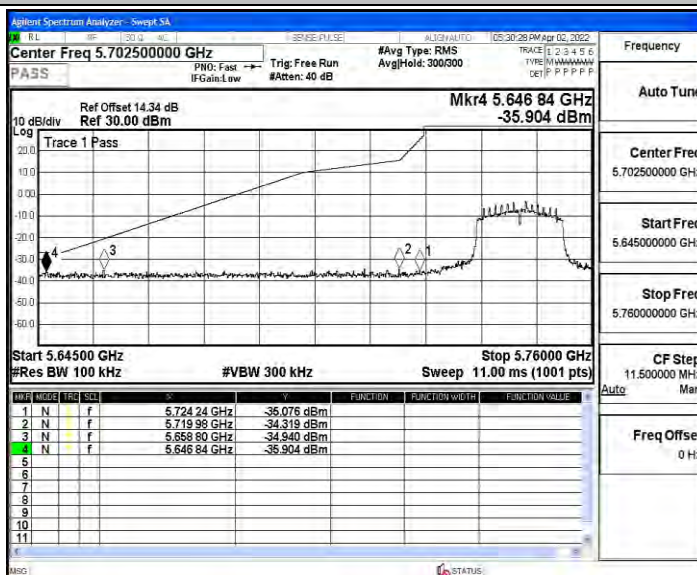
Test Graphs



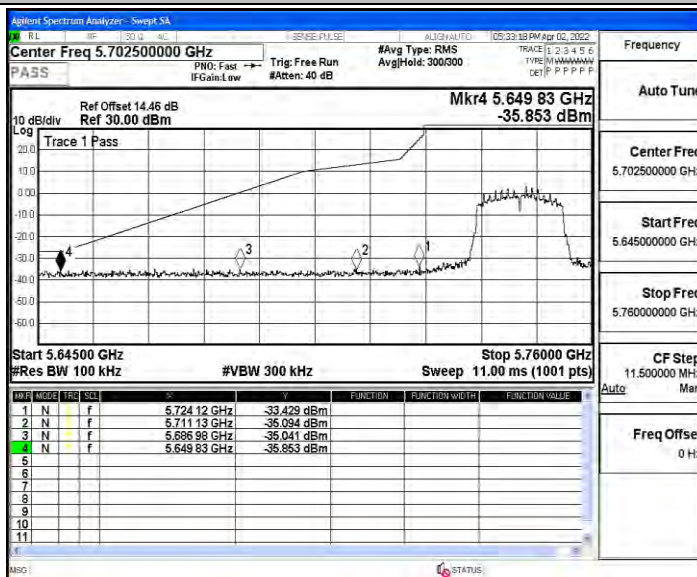
11A_Ant2_High_5825



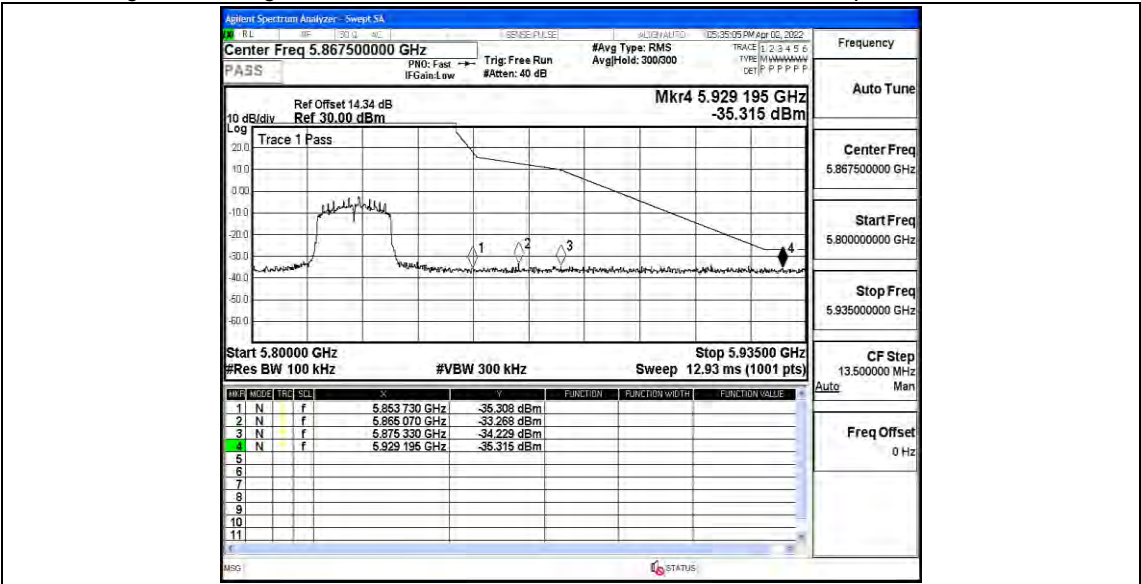
11N20MIMO_Ant1_Low_5745



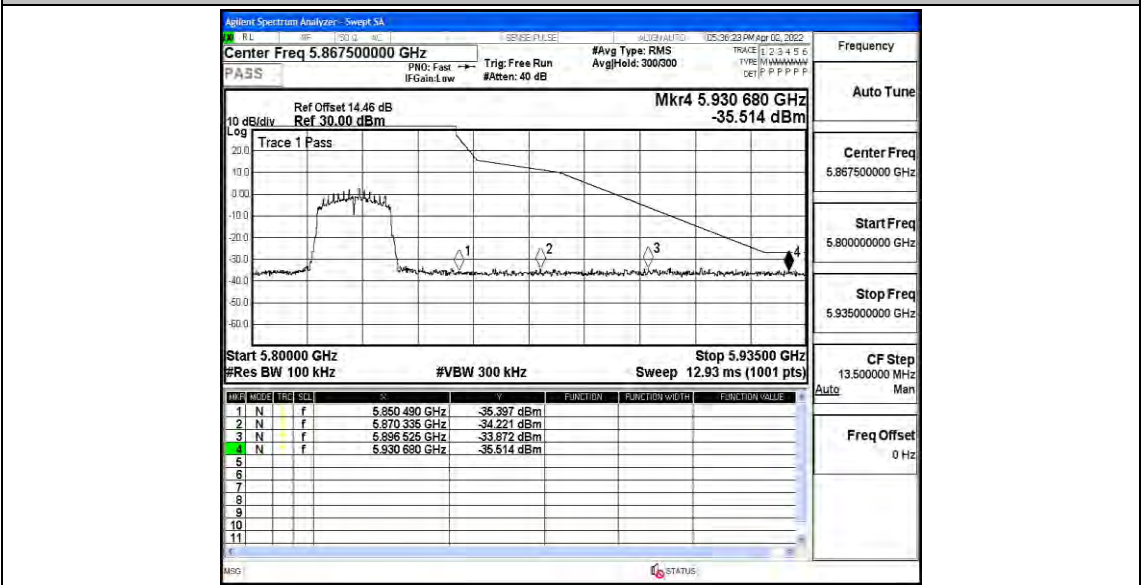
11N20MIMO_Ant2_Low_5745



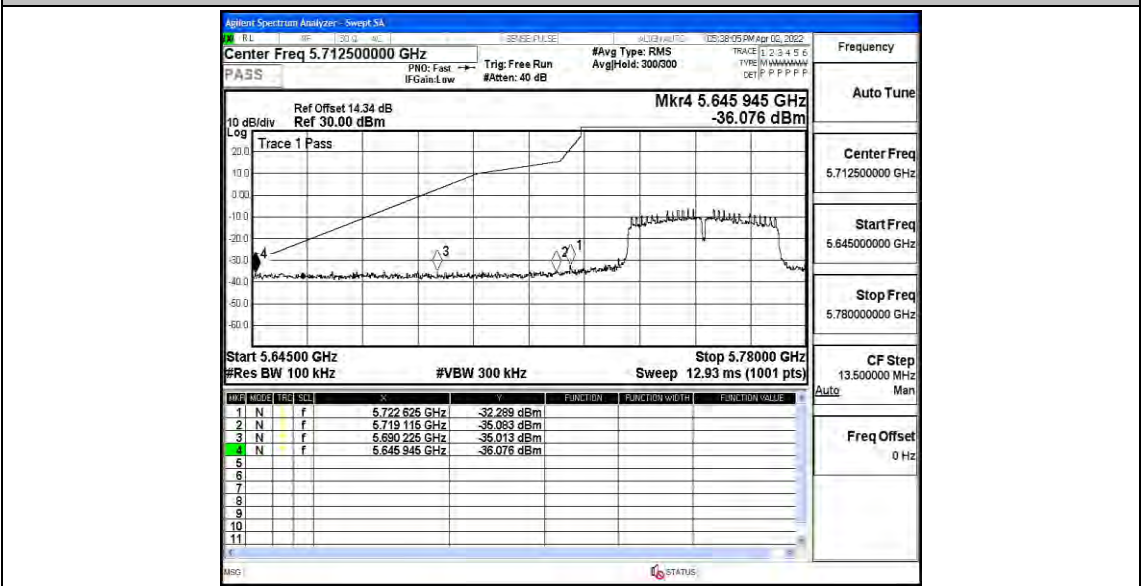
11N20MIMO_Ant1_High_5825



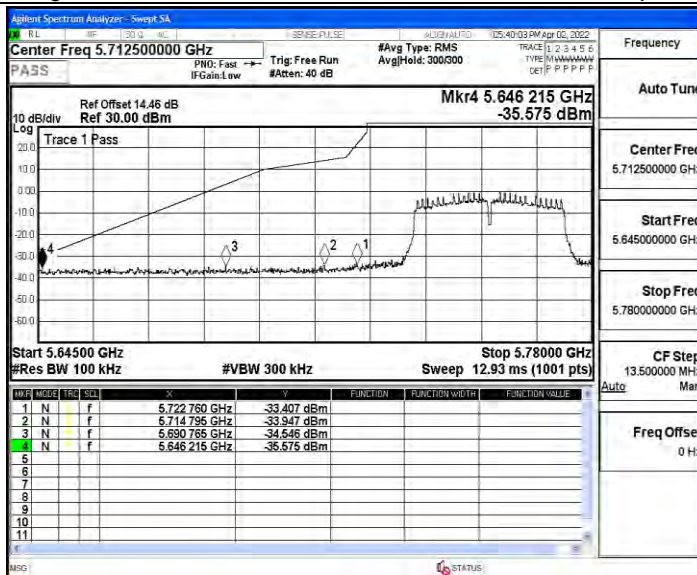
11N20MIMO_Ant2_High_5825



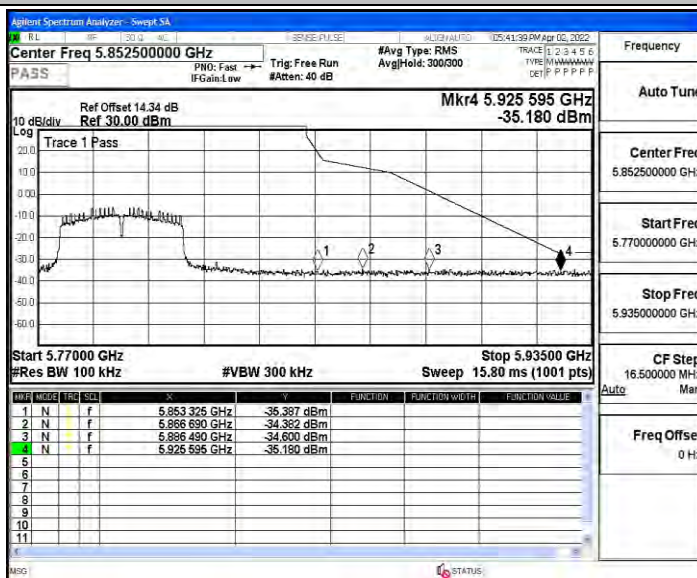
11N40MIMO_Ant1_Low_5755



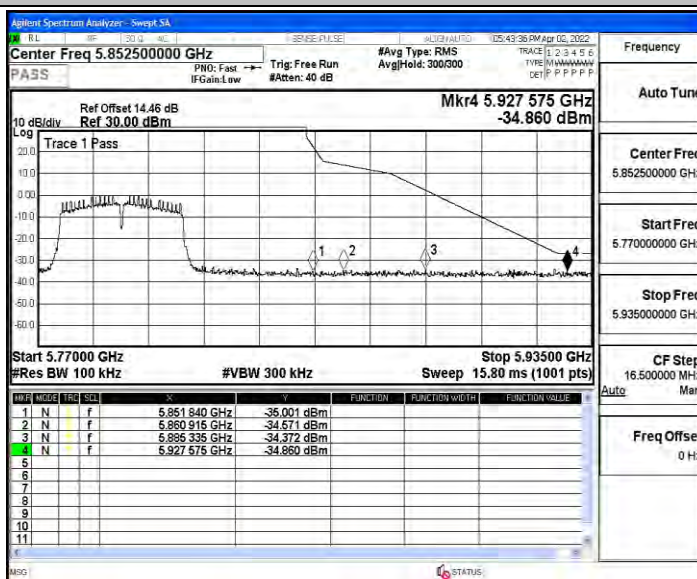
11N40MIMO_Ant2_Low_5755



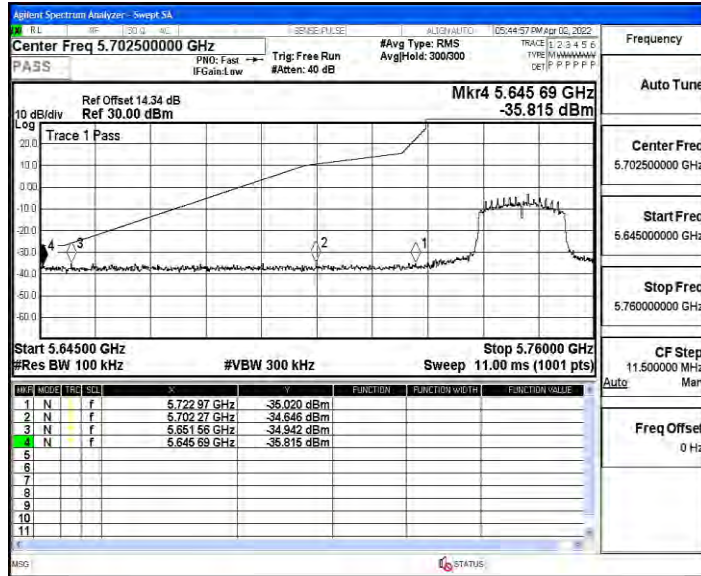
11N40MIMO_Ant1_High_5795



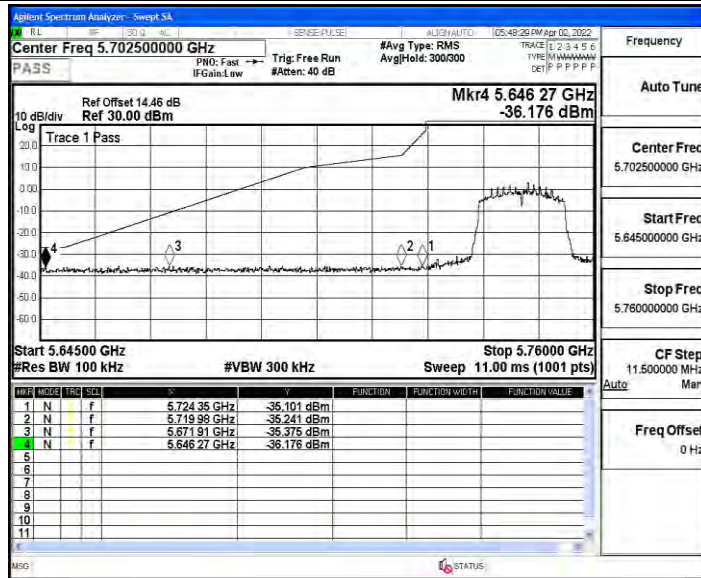
11N40MIMO_Ant2_High_5795



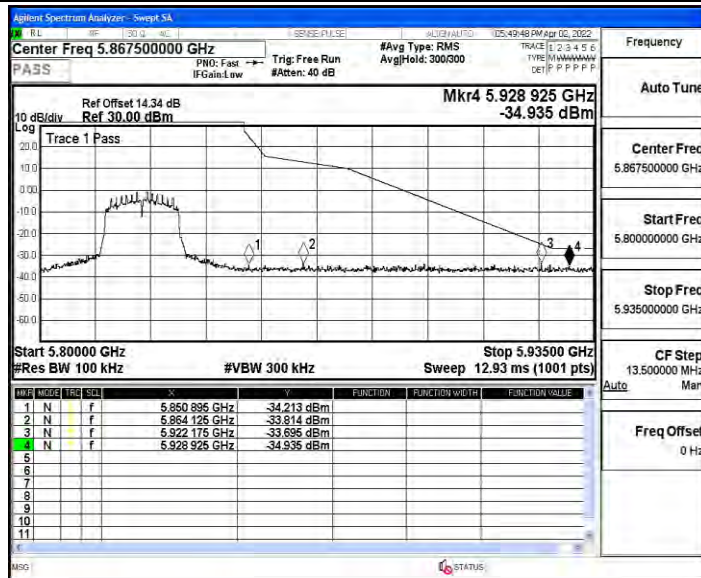
11AC20MIMO_Ant1_Low_5745



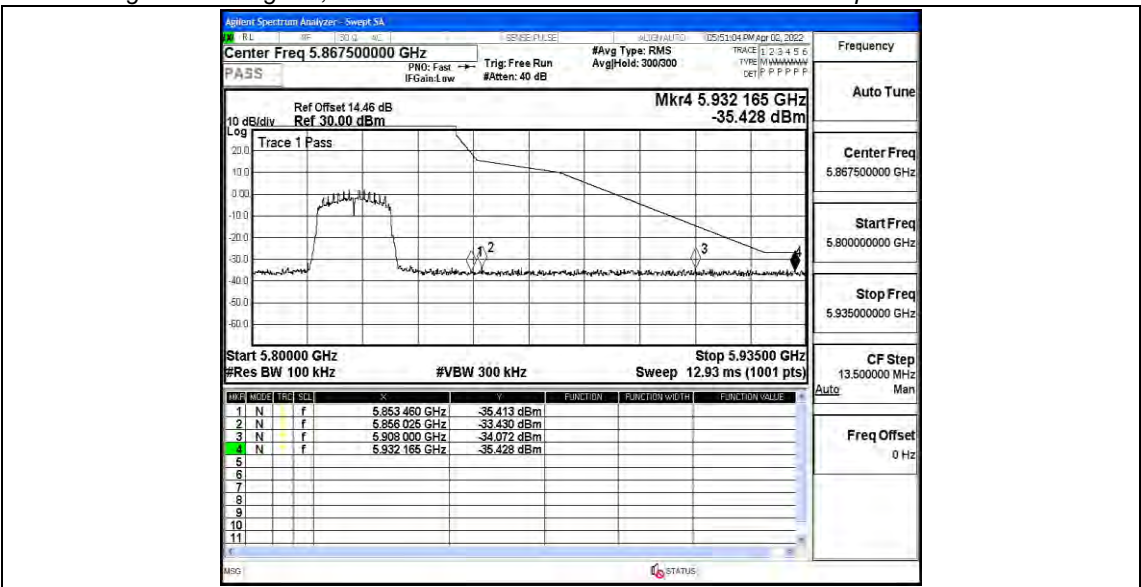
11AC20MIMO_Ant2_Low_5745



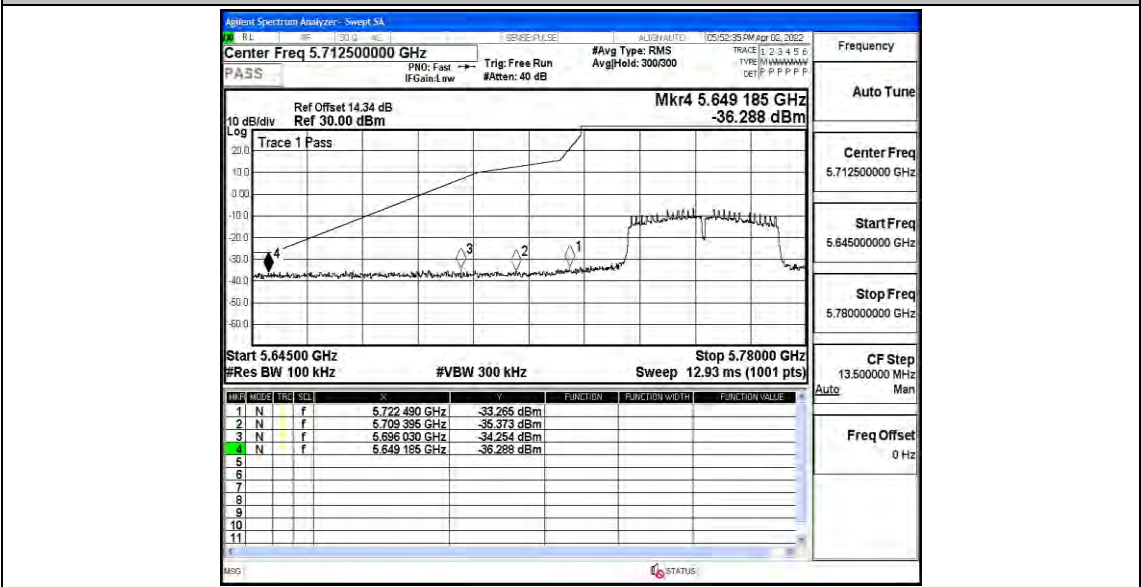
11AC20MIMO_Ant1_High_5825



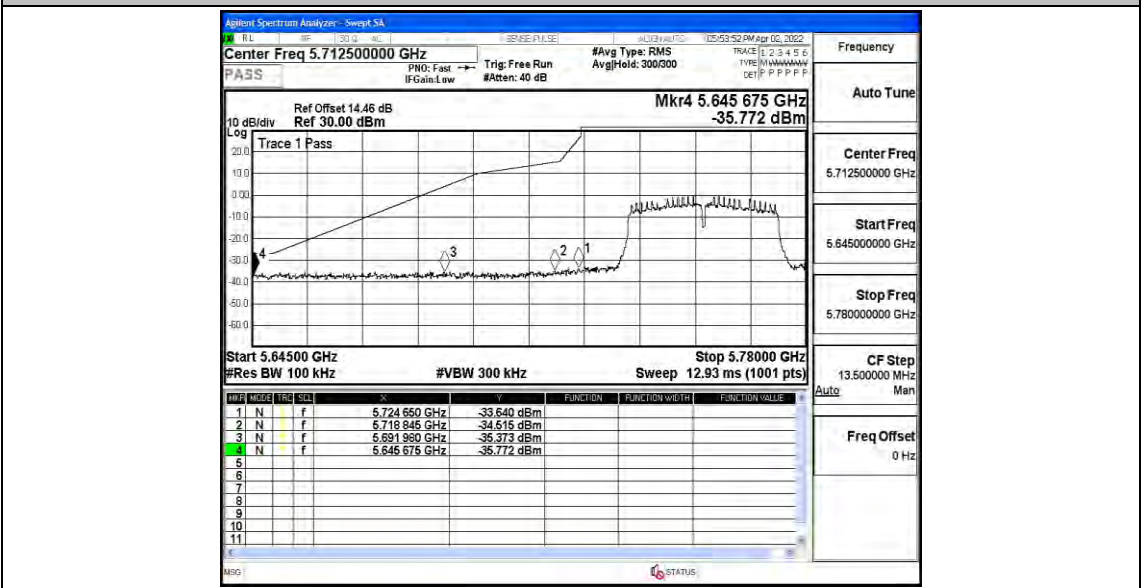
11AC20MIMO_Ant2_High_5825



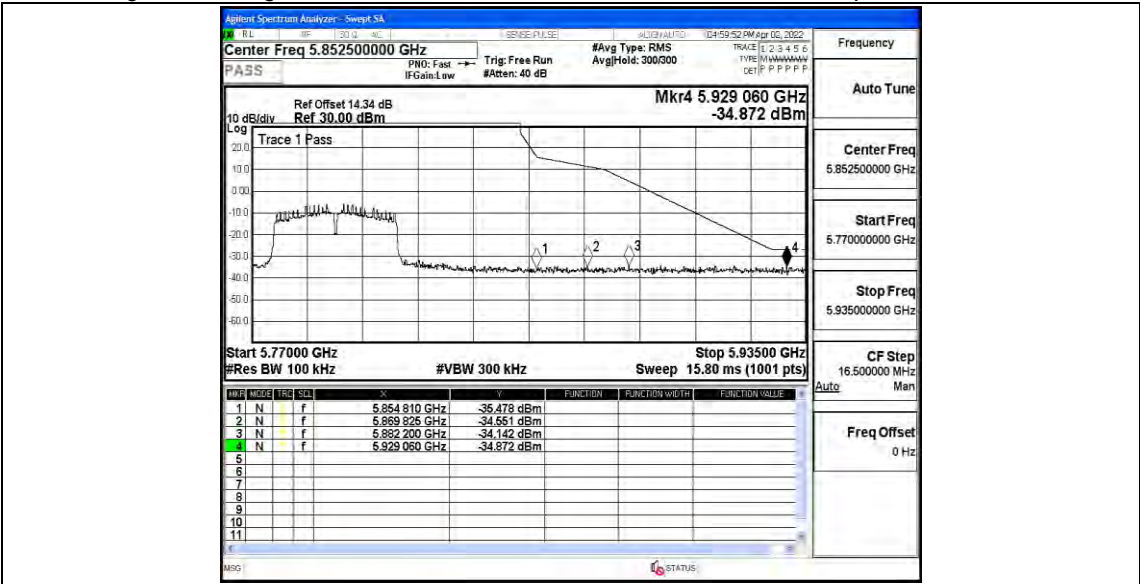
11AC40MIMO_Ant1_Low_5755



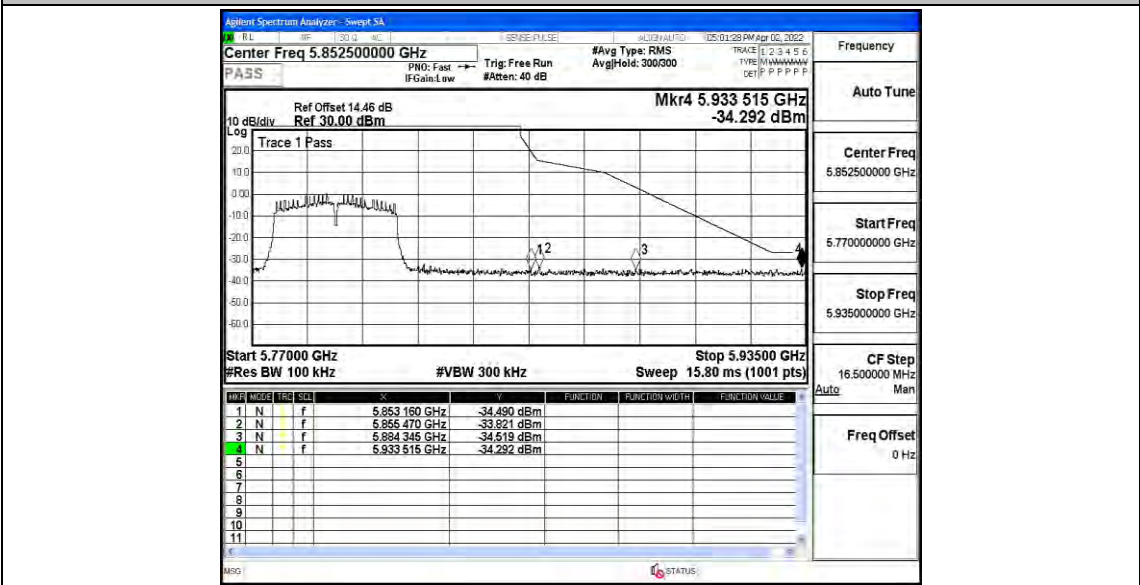
11AC40MIMO_Ant2_Low_5755



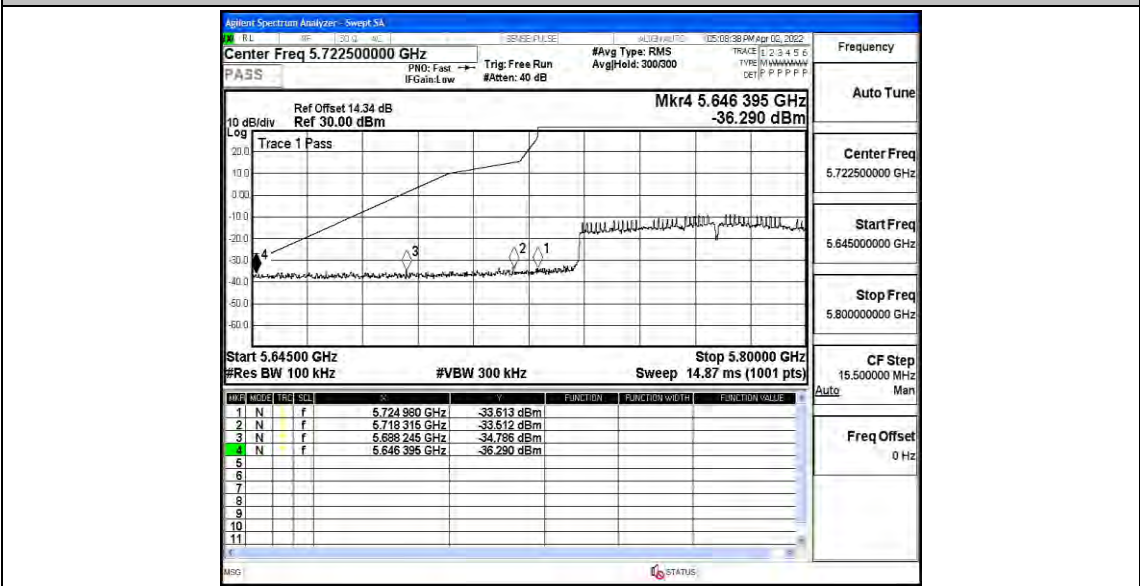
11AC40MIMO_Ant1_High_5795



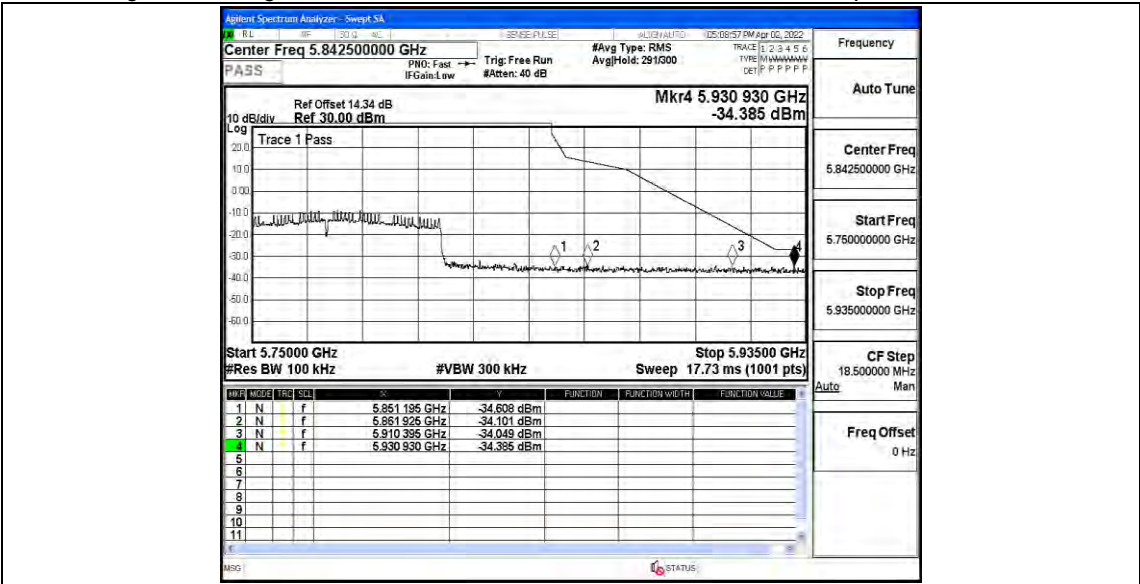
11AC40MIMO_Ant2_High_5795



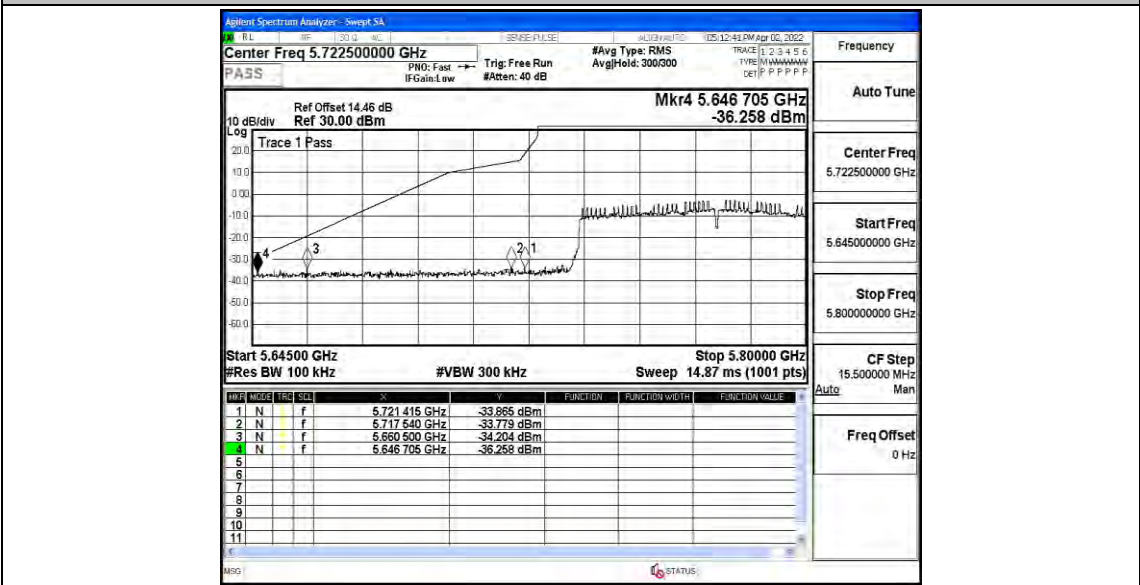
11AC80MIMO_Ant1_Low_5775



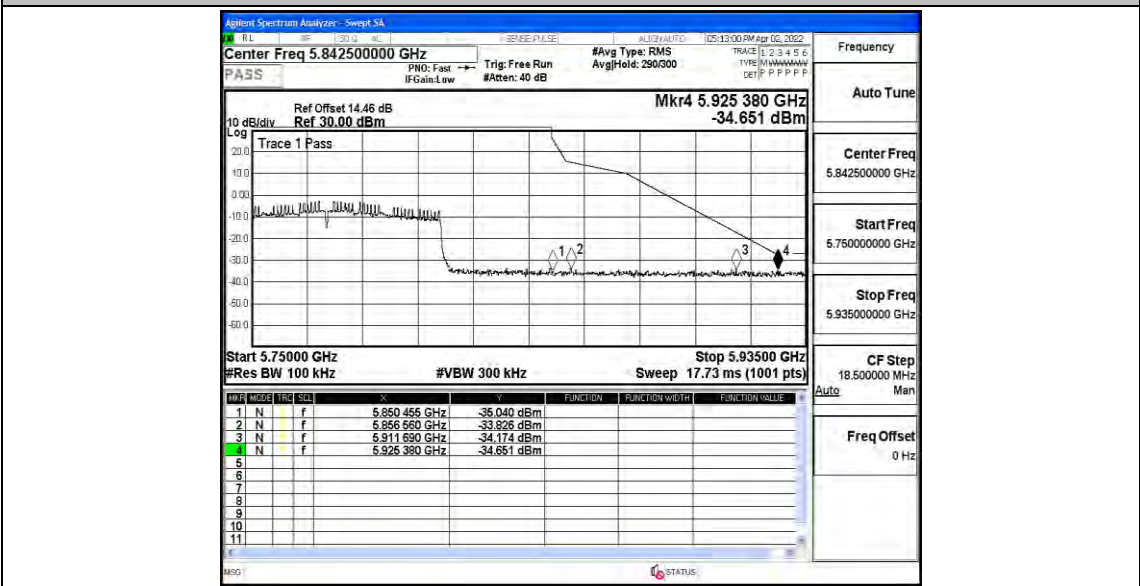
11AC80MIMO_Ant1_High_5775



11AC80MIMO_Ant2_Low_5775



11AC80MIMO_Ant2_High_5775



Appendix E: Frequency Stability

Test Result

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.966586	5745 – 5825	PASS
5745	20	108	5745.076055	5745 – 5825	PASS
5745	50	120	5744.921436	5745 – 5825	PASS
5745	40	120	5744.932444	5745 – 5825	PASS
5745	30	120	5744.976046	5745 – 5825	PASS
5745	20	120	5744.902005	5745 – 5825	PASS
5745	10	120	5744.996985	5745 – 5825	PASS
5745	0	120	5745.006327	5745 – 5825	PASS
5745	-10	120	5744.949516	5745 – 5825	PASS
5745	-20	120	5744.911045	5745 – 5825	PASS
5745	-30	120	5744.901902	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.954879	5745 – 5825	PASS
5745	20	108	5744.918945	5745 – 5825	PASS
5745	50	120	5744.988547	5745 – 5825	PASS
5745	40	120	5744.948199	5745 – 5825	PASS
5745	30	120	5744.956416	5745 – 5825	PASS
5745	20	120	5744.923639	5745 – 5825	PASS
5745	10	120	5745.053930	5745 – 5825	PASS
5745	0	120	5744.919222	5745 – 5825	PASS
5745	-10	120	5745.084750	5745 – 5825	PASS
5745	-20	120	5745.044372	5745 – 5825	PASS
5745	-30	120	5744.913081	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5785.000287	5745 – 5825	PASS
5785	20	108	5784.915573	5745 – 5825	PASS
5785	50	120	5785.049111	5745 – 5825	PASS
5785	40	120	5784.904927	5745 – 5825	PASS
5785	30	120	5784.940916	5745 – 5825	PASS
5785	20	120	5784.975463	5745 – 5825	PASS
5785	10	120	5784.942761	5745 – 5825	PASS
5785	0	120	5785.081719	5745 – 5825	PASS
5785	-10	120	5784.910704	5745 – 5825	PASS
5785	-20	120	5784.937236	5745 – 5825	PASS
5785	-30	120	5784.984580	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.943264	5745 – 5825	PASS
5785	20	108	5784.955664	5745 – 5825	PASS
5785	50	120	5785.083300	5745 – 5825	PASS
5785	40	120	5785.068242	5745 – 5825	PASS
5785	30	120	5784.973629	5745 – 5825	PASS
5785	20	120	5785.025215	5745 – 5825	PASS
5785	10	120	5785.085267	5745 – 5825	PASS
5785	0	120	5784.915502	5745 – 5825	PASS
5785	-10	120	5785.026635	5745 – 5825	PASS
5785	-20	120	5784.976033	5745 – 5825	PASS
5785	-30	120	5784.956433	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.068557	5745 – 5825	PASS
5825	20	108	5825.035058	5745 – 5825	PASS
5825	50	120	5824.948988	5745 – 5825	PASS
5825	40	120	5825.045908	5745 – 5825	PASS
5825	30	120	5825.090343	5745 – 5825	PASS
5825	20	120	5825.049645	5745 – 5825	PASS
5825	10	120	5824.901774	5745 – 5825	PASS
5825	0	120	5824.905465	5745 – 5825	PASS
5825	-10	120	5825.088675	5745 – 5825	PASS
5825	-20	120	5825.040434	5745 – 5825	PASS
5825	-30	120	5824.970121	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.086078	5745 – 5825	PASS
5825	20	108	5824.926951	5745 – 5825	PASS
5825	50	120	5825.087337	5745 – 5825	PASS
5825	40	120	5825.087879	5745 – 5825	PASS
5825	30	120	5825.060866	5745 – 5825	PASS
5825	20	120	5824.933479	5745 – 5825	PASS
5825	10	120	5824.927933	5745 – 5825	PASS
5825	0	120	5824.916994	5745 – 5825	PASS
5825	-10	120	5825.087644	5745 – 5825	PASS
5825	-20	120	5824.947290	5745 – 5825	PASS
5825	-30	120	5824.993599	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5754.945090	5745 – 5825	PASS
5755	20	108	5755.087804	5745 – 5825	PASS
5755	50	120	5755.024545	5745 – 5825	PASS
5755	40	120	5755.023552	5745 – 5825	PASS
5755	30	120	5755.064882	5745 – 5825	PASS
5755	20	120	5755.026284	5745 – 5825	PASS
5755	10	120	5755.085983	5745 – 5825	PASS
5755	0	120	5754.929477	5745 – 5825	PASS
5755	-10	120	5755.040280	5745 – 5825	PASS
5755	-20	120	5755.048034	5745 – 5825	PASS
5755	-30	120	5755.020001	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5754.978739	5745 – 5825	PASS
5755	20	108	5755.076914	5745 – 5825	PASS
5755	50	120	5754.974811	5745 – 5825	PASS
5755	40	120	5755.014009	5745 – 5825	PASS
5755	30	120	5755.076322	5745 – 5825	PASS
5755	20	120	5754.979465	5745 – 5825	PASS
5755	10	120	5755.094245	5745 – 5825	PASS
5755	0	120	5754.946860	5745 – 5825	PASS
5755	-10	120	5754.919146	5745 – 5825	PASS
5755	-20	120	5754.915209	5745 – 5825	PASS
5755	-30	120	5754.982069	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5794.968572	5745 – 5825	PASS
5795	20	108	5795.074887	5745 – 5825	PASS
5795	50	120	5795.041683	5745 – 5825	PASS
5795	40	120	5795.096375	5745 – 5825	PASS
5795	30	120	5794.989783	5745 – 5825	PASS
5795	20	120	5794.902962	5745 – 5825	PASS
5795	10	120	5794.993497	5745 – 5825	PASS
5795	0	120	5794.953878	5745 – 5825	PASS
5795	-10	120	5795.049564	5745 – 5825	PASS
5795	-20	120	5794.959049	5745 – 5825	PASS
5795	-30	120	5794.919938	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5794.945796	5745 – 5825	PASS
5795	20	108	5794.964646	5745 – 5825	PASS
5795	50	120	5794.979502	5745 – 5825	PASS
5795	40	120	5794.907866	5745 – 5825	PASS
5795	30	120	5795.078681	5745 – 5825	PASS
5795	20	120	5795.072856	5745 – 5825	PASS
5795	10	120	5794.982619	5745 – 5825	PASS
5795	0	120	5795.010562	5745 – 5825	PASS
5795	-10	120	5795.055615	5745 – 5825	PASS
5795	-20	120	5795.071380	5745 – 5825	PASS
5795	-30	120	5794.918610	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.058335	5745 – 5825	PASS
5775	20	108	5775.008158	5745 – 5825	PASS
5775	50	120	5774.984545	5745 – 5825	PASS
5775	40	120	5775.058317	5745 – 5825	PASS
5775	30	120	5774.954237	5745 – 5825	PASS
5775	20	120	5774.936167	5745 – 5825	PASS
5775	10	120	5774.938246	5745 – 5825	PASS
5775	0	120	5775.096685	5745 – 5825	PASS
5775	-10	120	5775.053357	5745 – 5825	PASS
5775	-20	120	5775.061785	5745 – 5825	PASS
5775	-30	120	5775.038433	5745 – 5825	PASS

Ant2

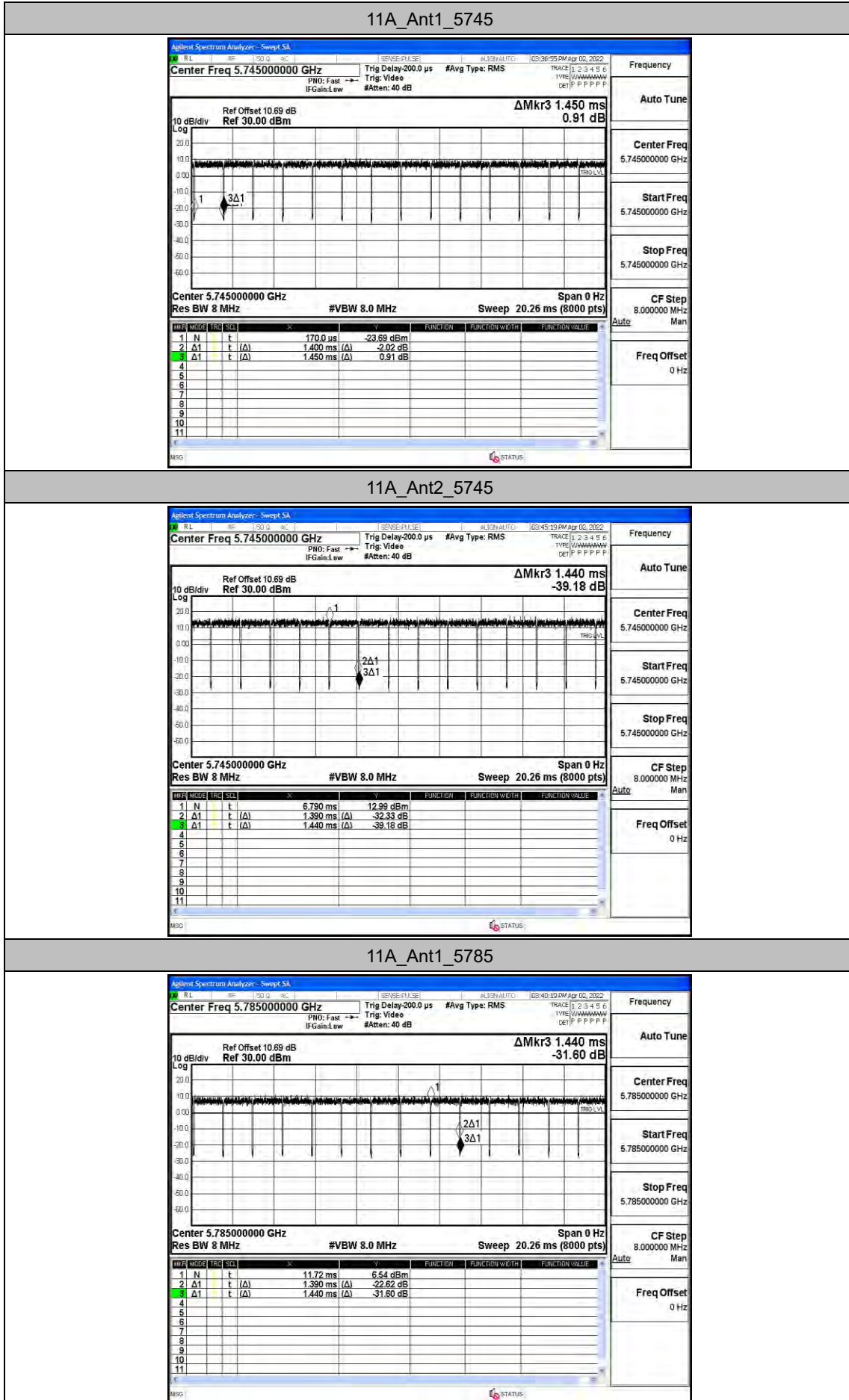
Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.013235	5745 – 5825	PASS
5775	20	108	5774.904474	5745 – 5825	PASS
5775	50	120	5774.949995	5745 – 5825	PASS
5775	40	120	5775.023619	5745 – 5825	PASS
5775	30	120	5775.038183	5745 – 5825	PASS
5775	20	120	5774.957725	5745 – 5825	PASS
5775	10	120	5774.901618	5745 – 5825	PASS
5775	0	120	5774.906465	5745 – 5825	PASS
5775	-10	120	5775.041240	5745 – 5825	PASS
5775	-20	120	5774.943415	5745 – 5825	PASS
5775	-30	120	5775.019032	5745 – 5825	PASS

Appendix F: Duty Cycle

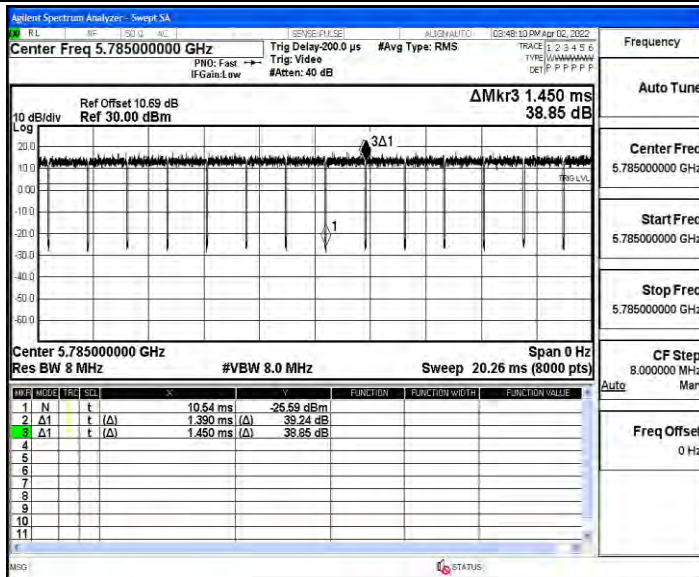
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[KHz]
11A	Ant1	5745	1.40	1.45	96.55	0.71
	Ant2	5745	1.39	1.44	96.53	0.72
	Ant1	5785	1.39	1.44	96.53	0.72
	Ant2	5785	1.39	1.45	95.86	0.72
	Ant1	5825	1.39	1.45	95.86	0.72
	Ant2	5825	1.39	1.45	95.86	0.72
11N20MIMO	Ant1	5745	1.30	1.35	96.30	0.77
	Ant2	5745	1.30	1.35	96.30	0.77
	Ant1	5785	1.30	1.36	95.59	0.77
	Ant2	5785	1.30	1.36	95.59	0.77
	Ant1	5825	1.30	1.36	95.59	0.77
	Ant2	5825	1.30	1.36	95.59	0.77
11N40MIMO	Ant1	5755	0.64	0.70	91.43	1.56
	Ant2	5755	0.65	0.70	92.86	1.54
	Ant1	5795	0.65	0.70	92.86	1.54
	Ant2	5795	0.64	0.70	91.43	1.56
11AC20MIMO	Ant1	5745	1.31	1.37	95.62	0.76
	Ant2	5745	1.31	1.37	95.62	0.76
	Ant1	5785	1.31	1.36	96.32	0.76
	Ant2	5785	1.31	1.37	95.62	0.76
	Ant1	5825	1.31	1.36	96.32	0.76
	Ant2	5825	1.31	1.37	95.62	0.76
11AC40MIMO	Ant1	5755	0.65	0.71	91.55	1.54
	Ant2	5755	0.65	0.70	92.86	1.54
	Ant1	5795	0.65	0.70	92.86	1.54
	Ant2	5795	0.65	0.71	91.55	1.54
11AC80MIMO	Ant1	5775	0.32	0.37	86.49	3.13
	Ant2	5775	0.32	0.38	84.21	3.13

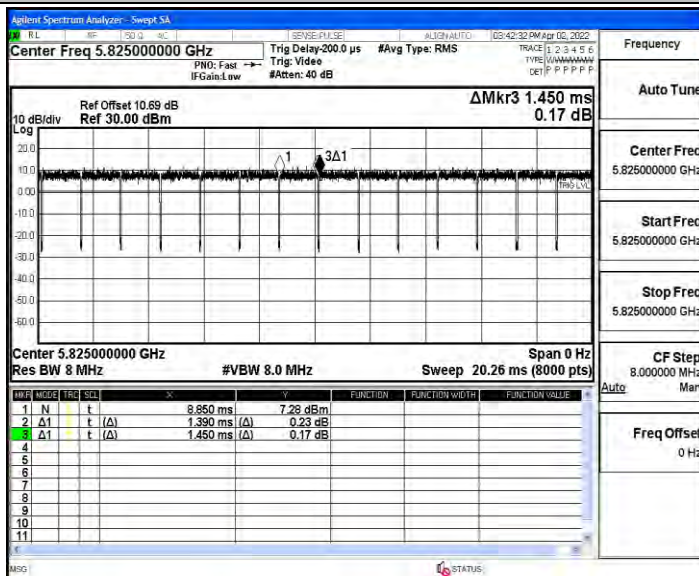
Test Graphs



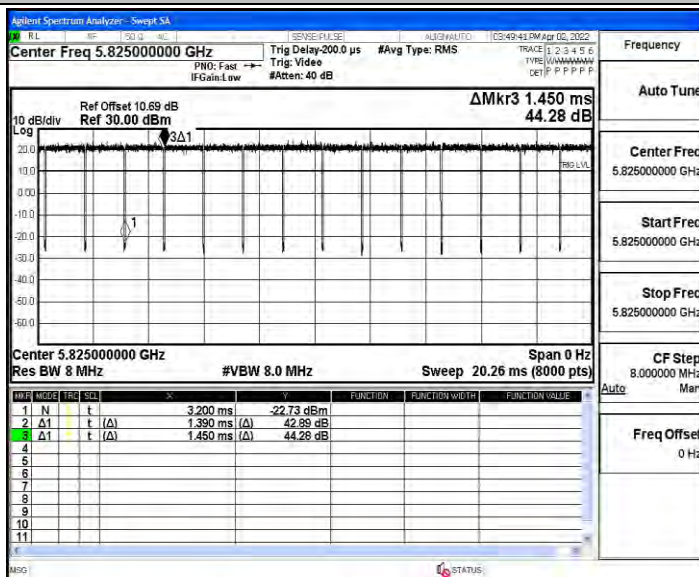
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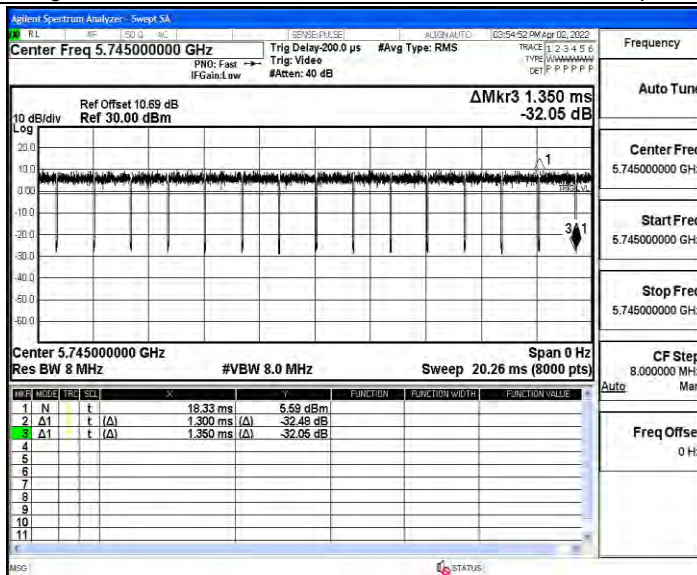
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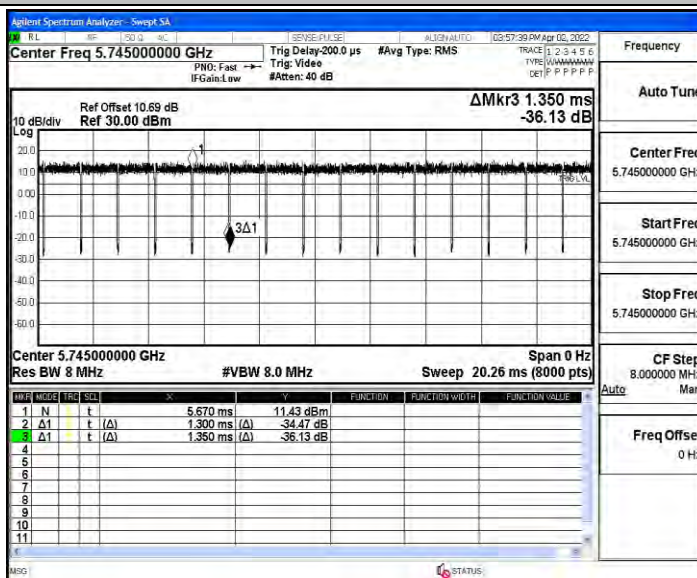
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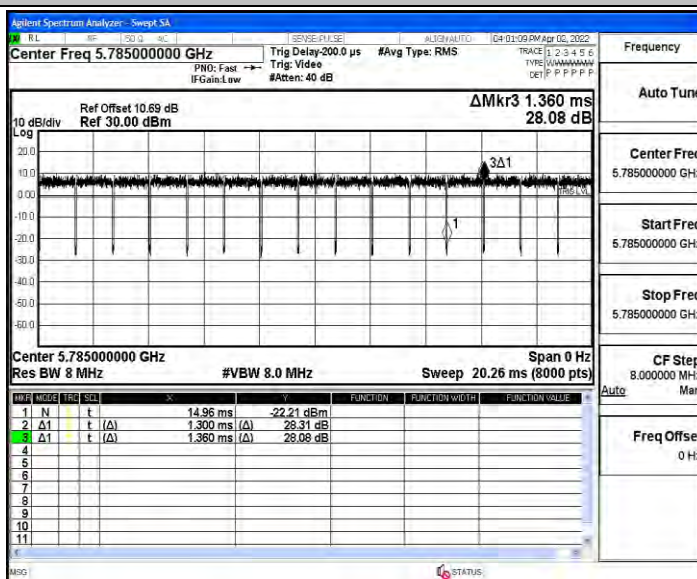
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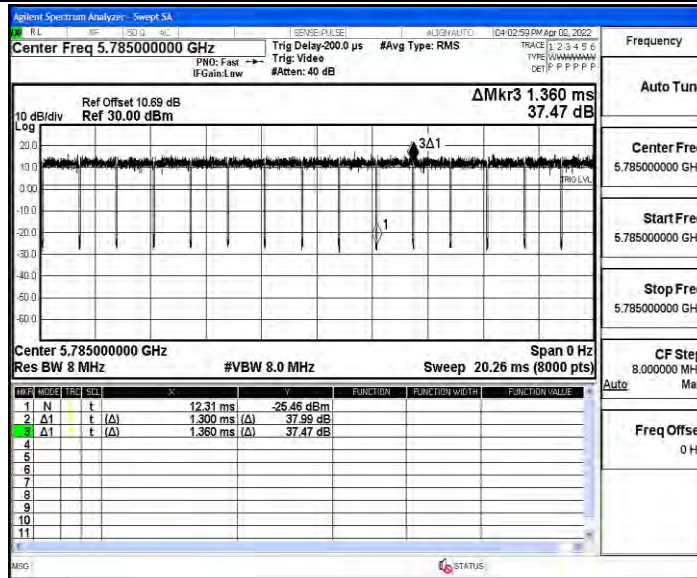
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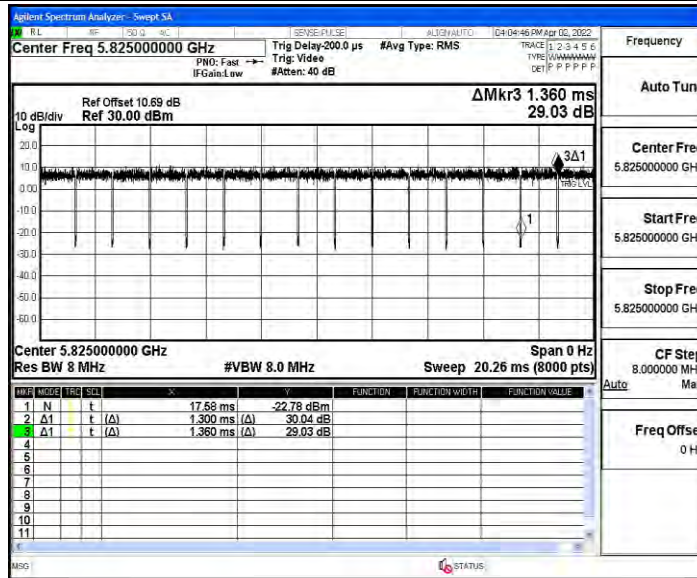
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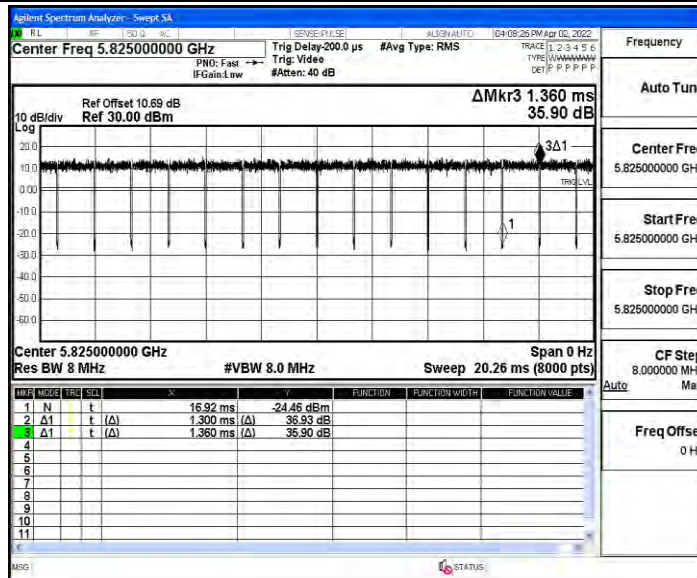
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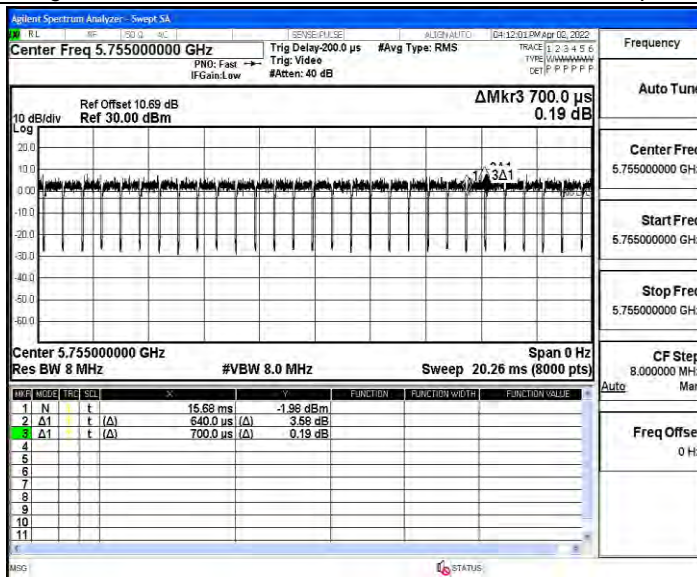
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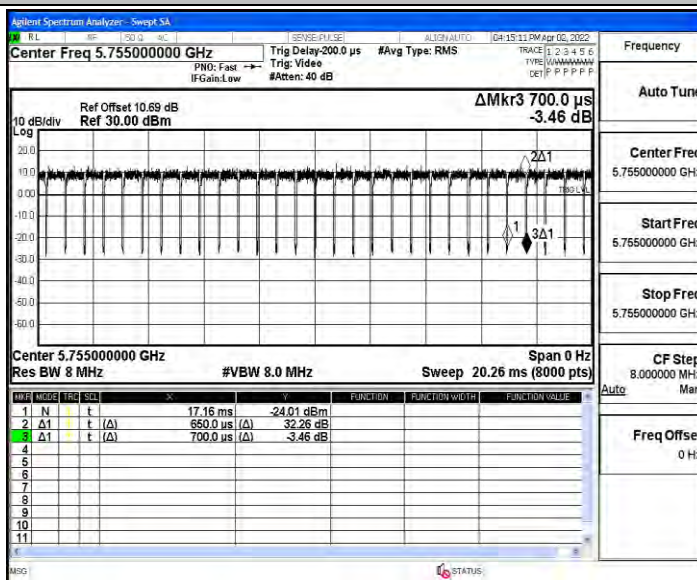
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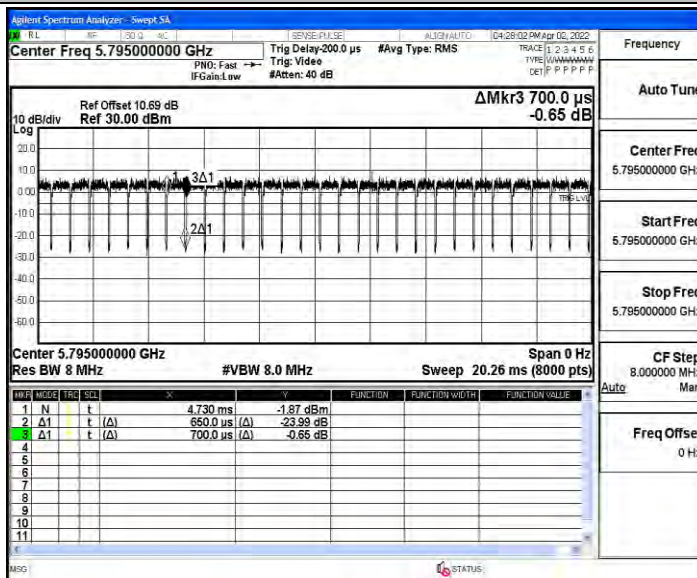
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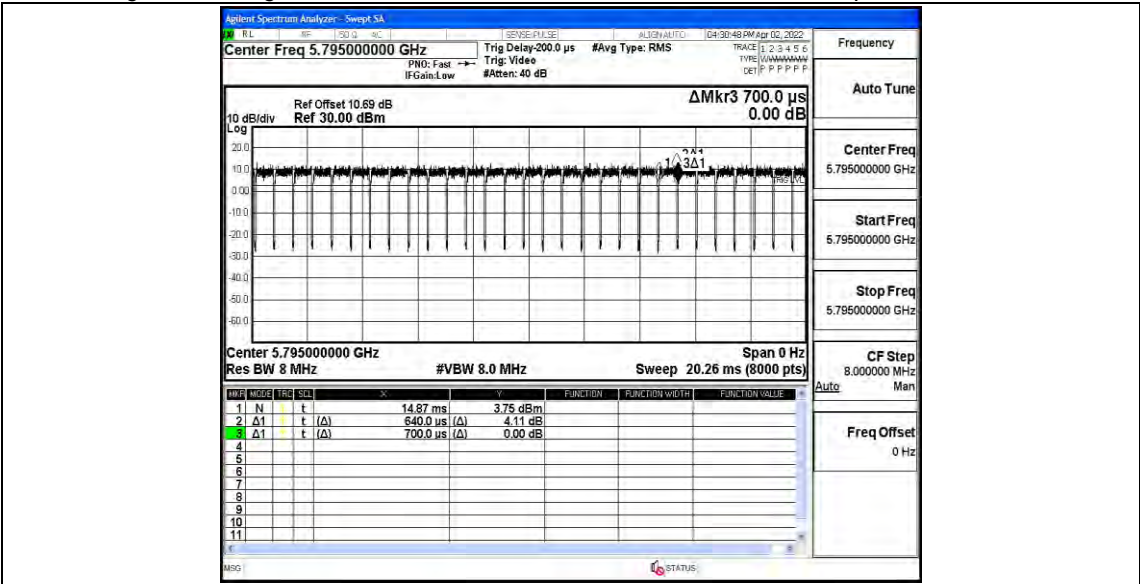
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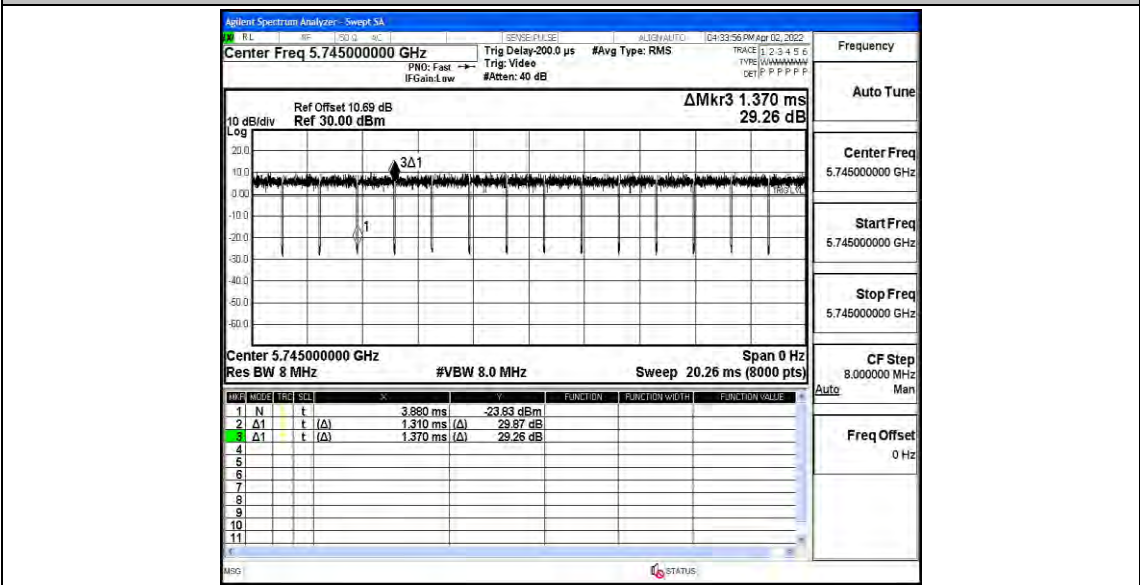
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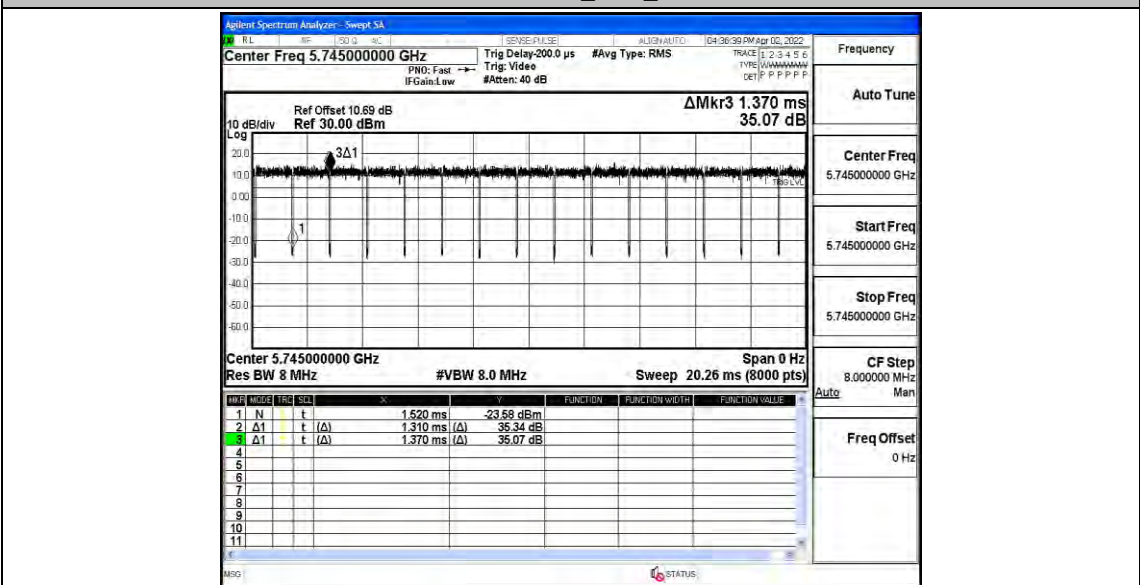
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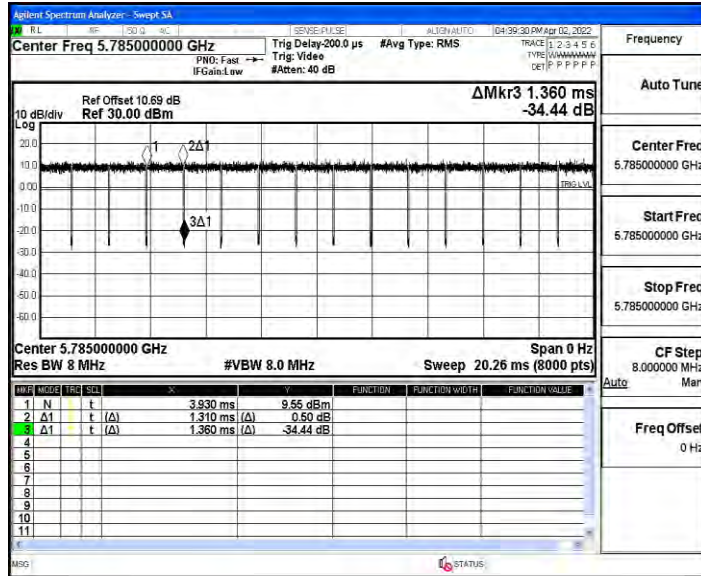
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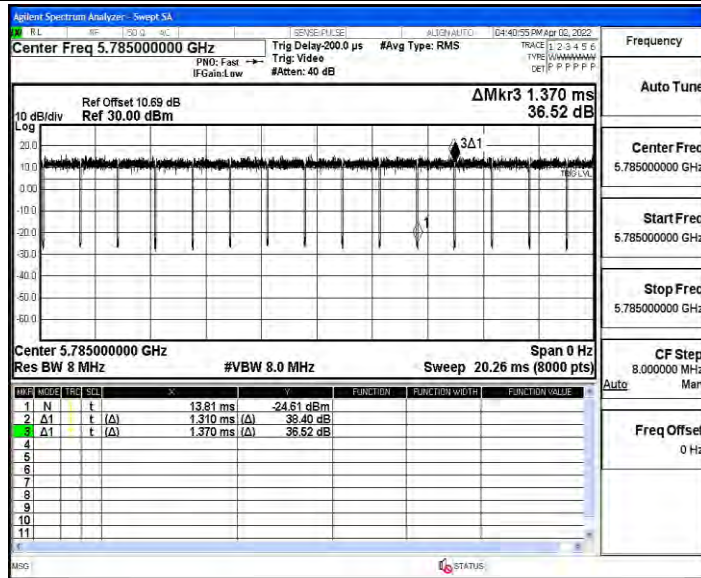
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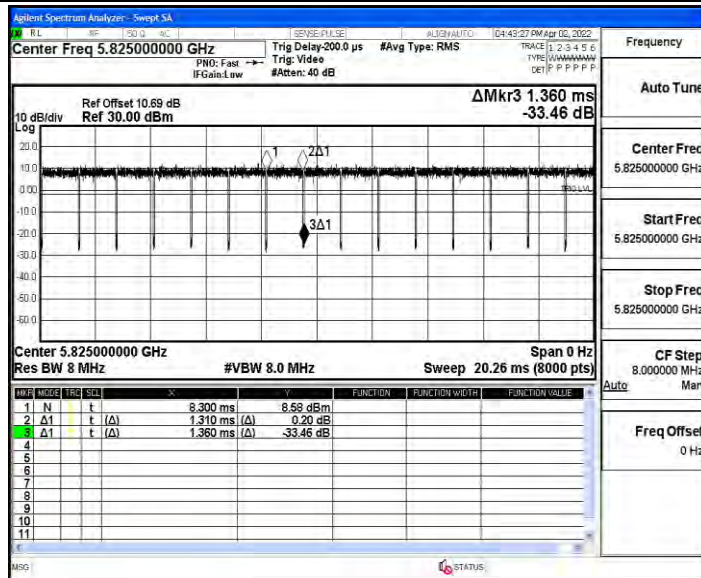
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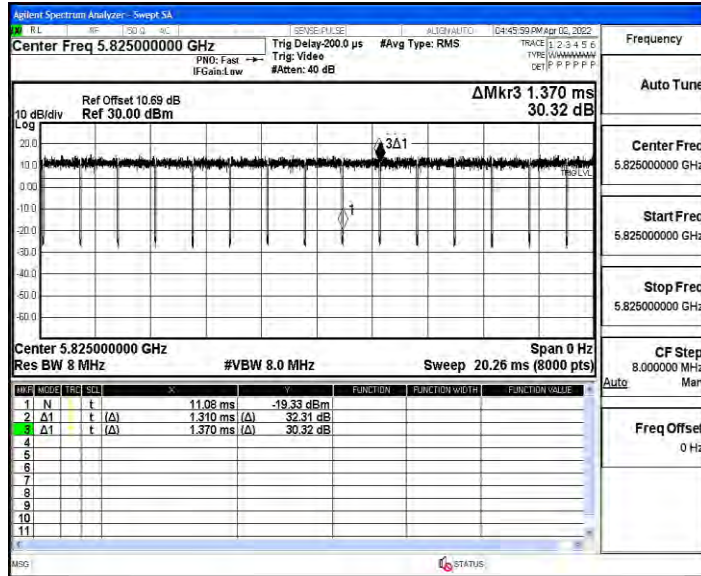
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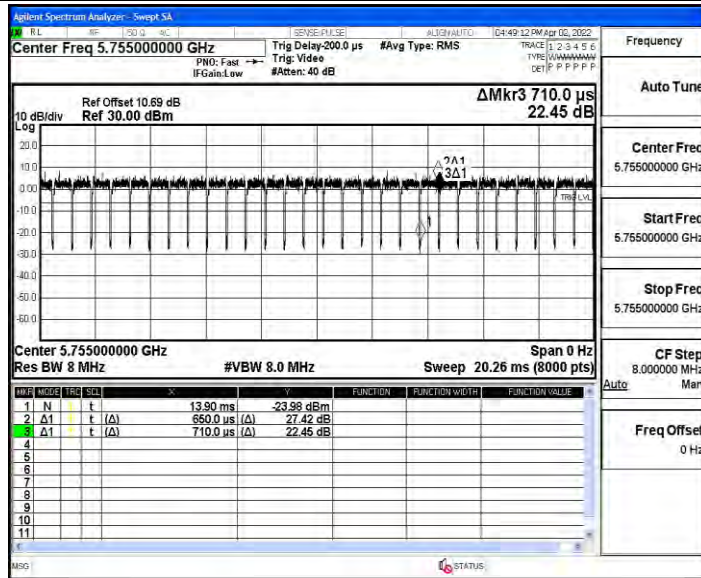
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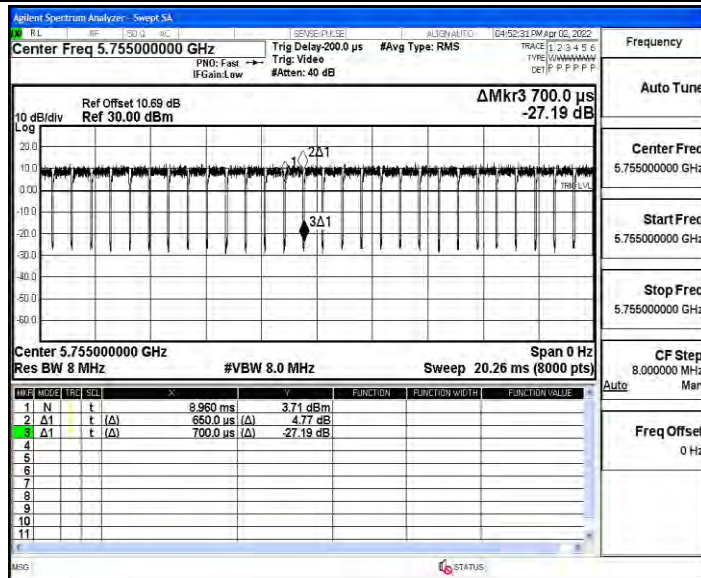
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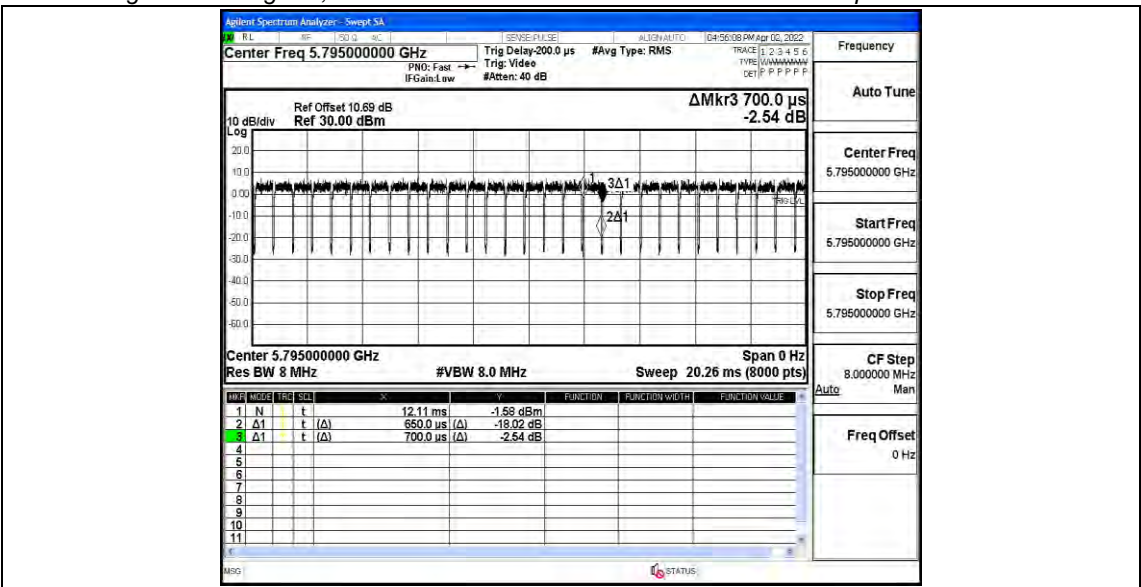
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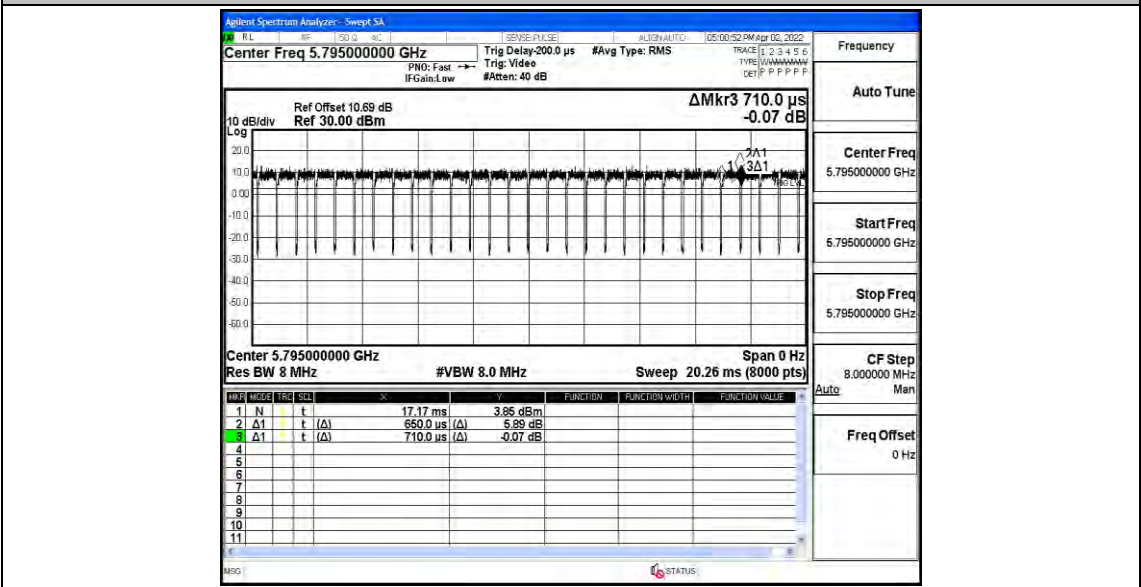
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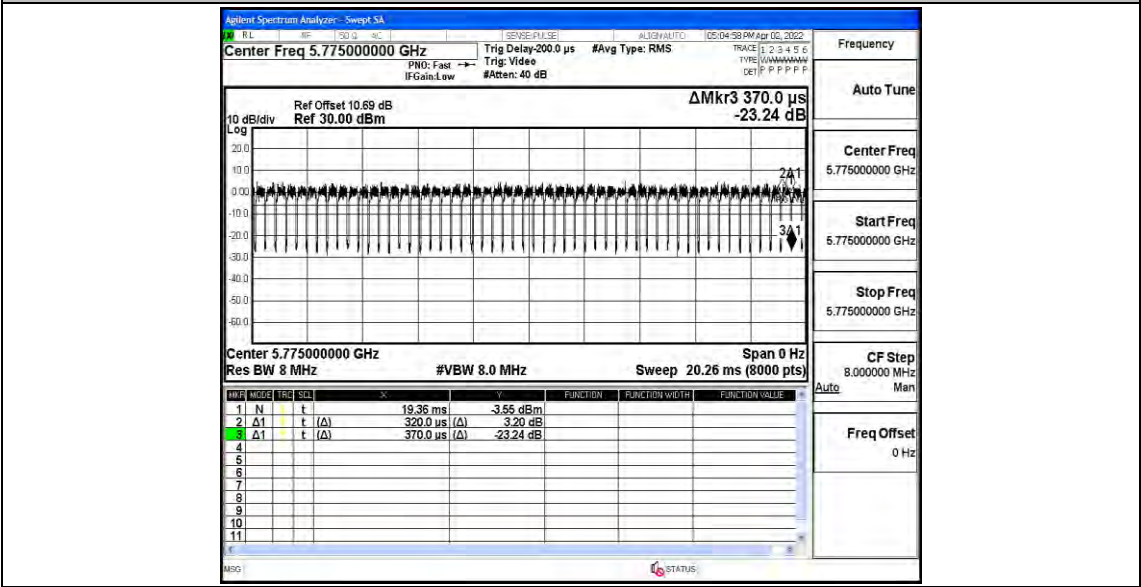
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11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

