

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

Product Name: 4K Set Top Box

Trade Mark: N/A

Test Model: Box R 4K-SX6BHES

FCC ID: 2AOVU-SN6BHX

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

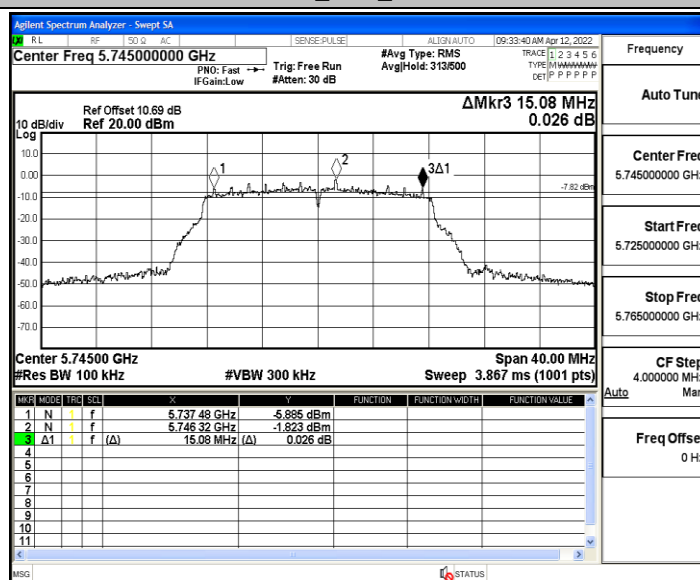
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.480	5752.560	0.5	PASS
	Ant2	5745	15.080	5737.480	5752.560	0.5	PASS
	Ant1	5785	15.000	5777.560	5792.560	0.5	PASS
	Ant2	5785	15.040	5777.560	5792.600	0.5	PASS
	Ant1	5825	13.880	5818.720	5832.600	0.5	PASS
	Ant2	5825	15.120	5817.480	5832.600	0.5	PASS
11N20MIMO	Ant1	5745	15.040	5737.520	5752.560	0.5	PASS
	Ant2	5745	15.640	5736.880	5752.520	0.5	PASS
	Ant1	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant2	5785	15.040	5777.520	5792.560	0.5	PASS
	Ant1	5825	15.120	5817.480	5832.600	0.5	PASS
	Ant2	5825	15.040	5817.520	5832.560	0.5	PASS
11N40MIMO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
	Ant2	5795	35.120	5777.480	5812.600	0.5	PASS
11AC20MIMO	Ant1	5745	15.320	5737.280	5752.600	0.5	PASS
	Ant2	5745	15.680	5736.880	5752.560	0.5	PASS
	Ant1	5785	15.120	5777.440	5792.560	0.5	PASS
	Ant2	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant1	5825	15.160	5817.440	5832.600	0.5	PASS
	Ant2	5825	15.120	5817.480	5832.600	0.5	PASS
11AC40MIMO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
	Ant2	5795	35.120	5777.480	5812.600	0.5	PASS
11AC80MIMO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

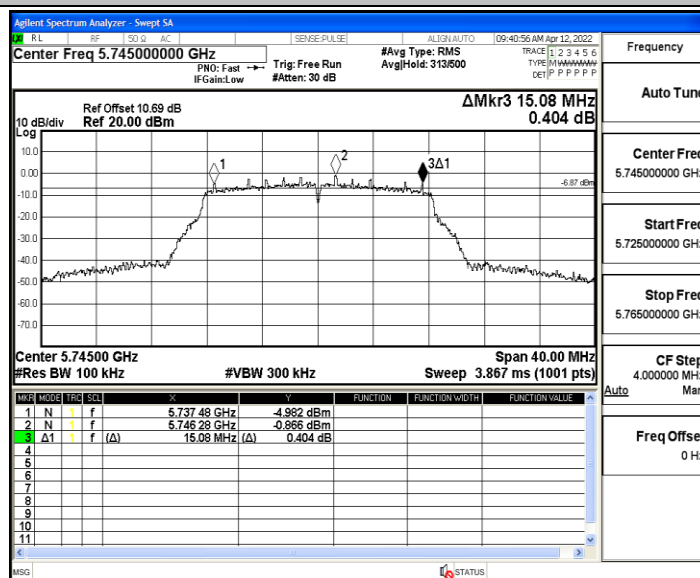
	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS
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Test Graphs

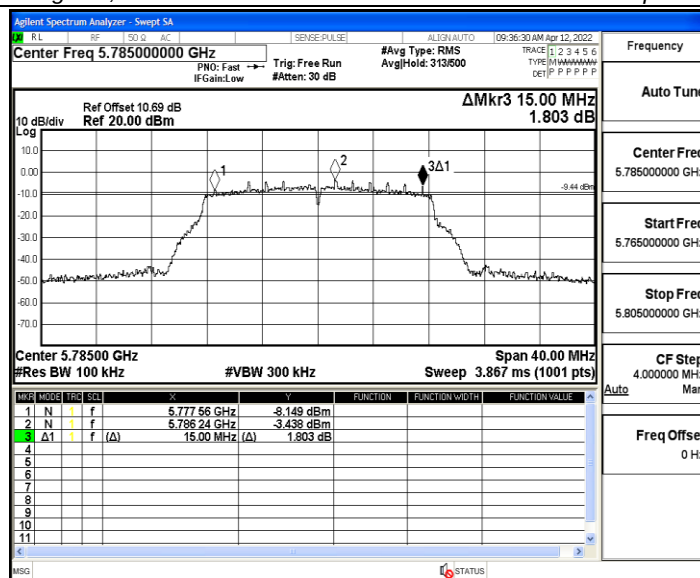
11A_Ant1_5745



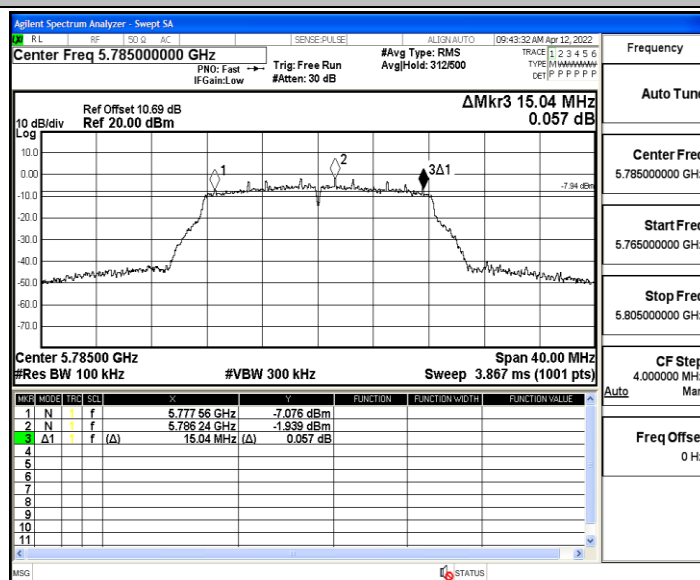
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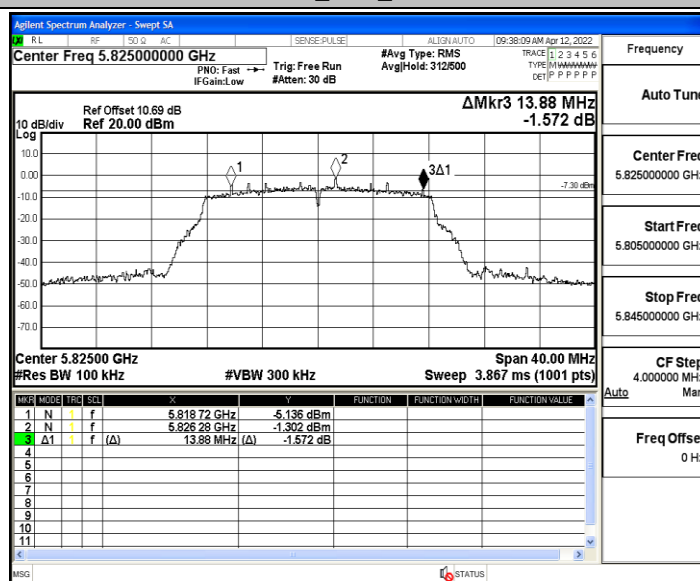
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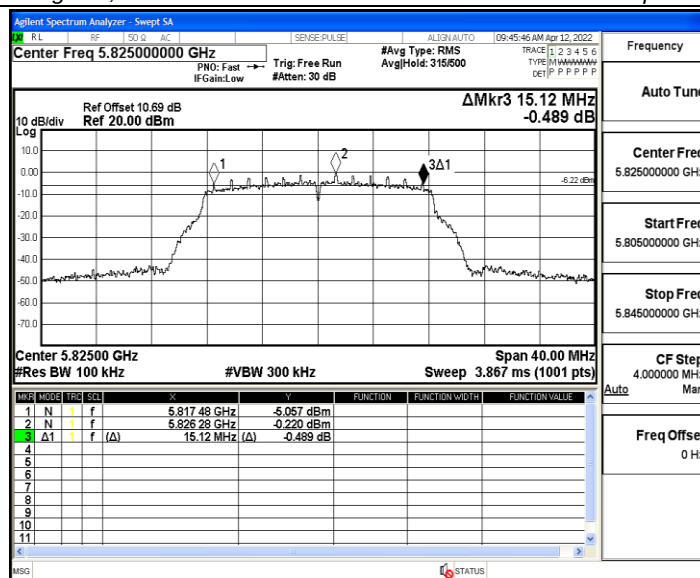
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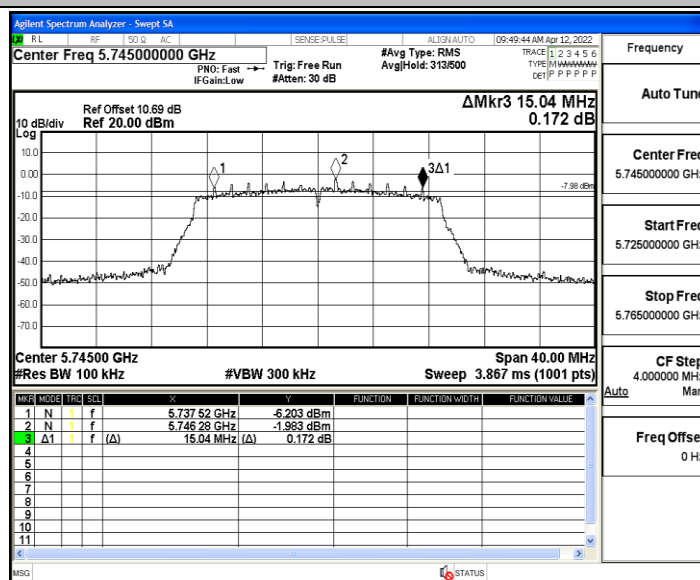
11A_Ant1_5825



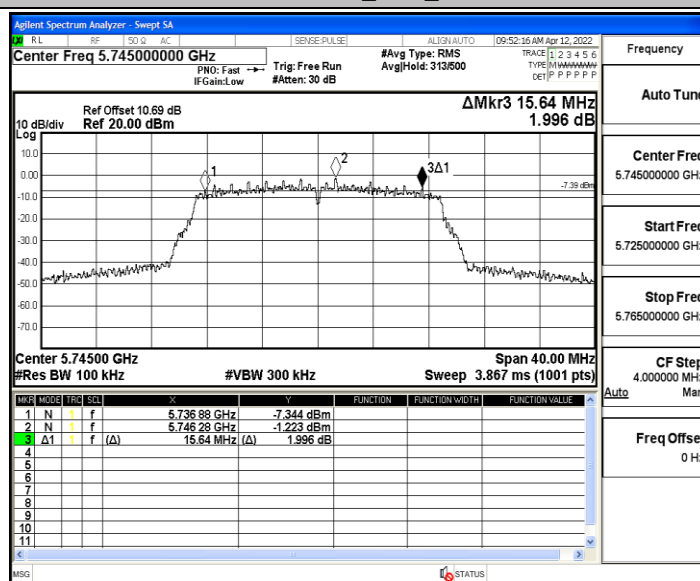
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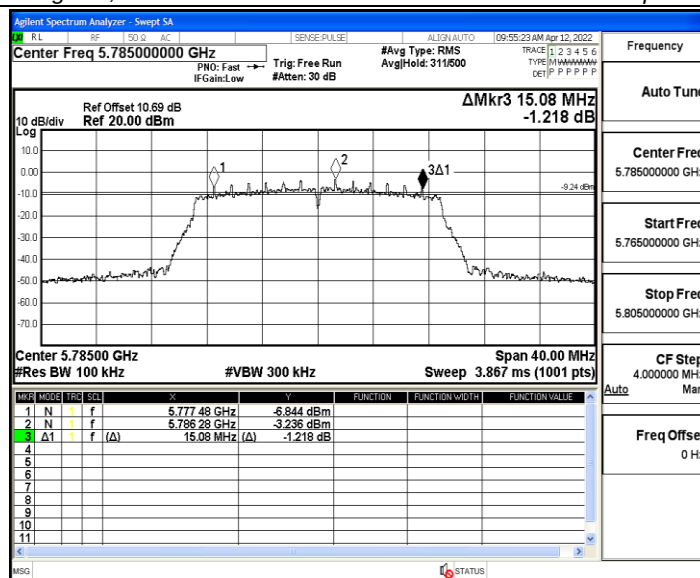
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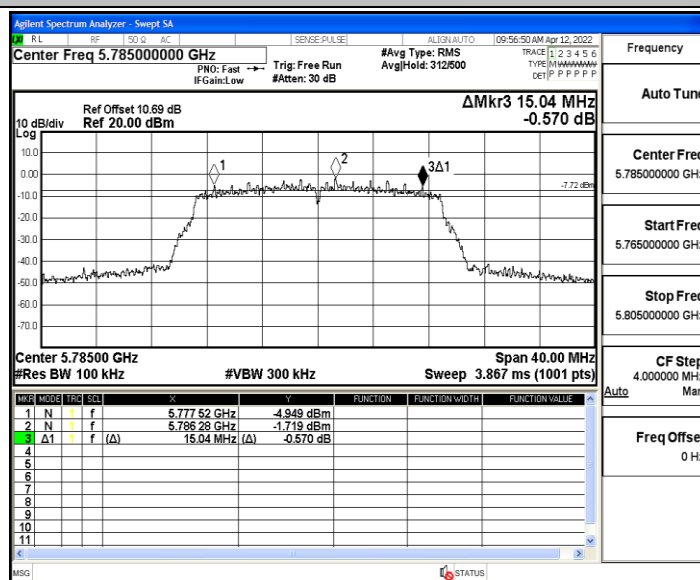
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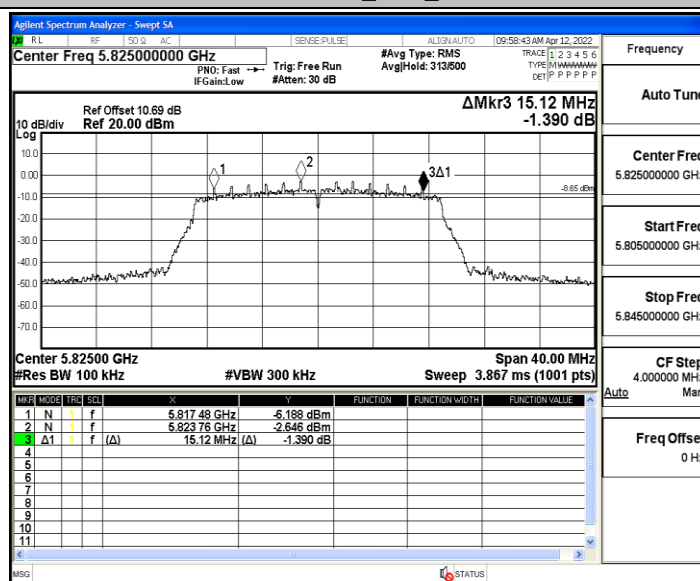
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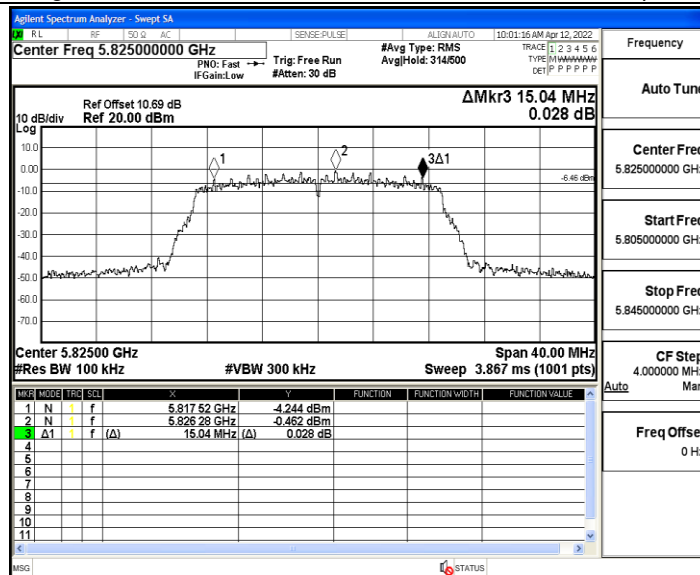
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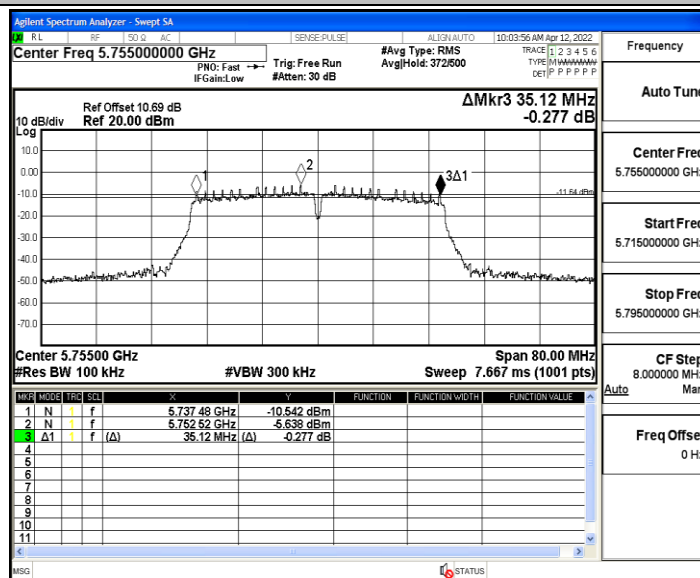
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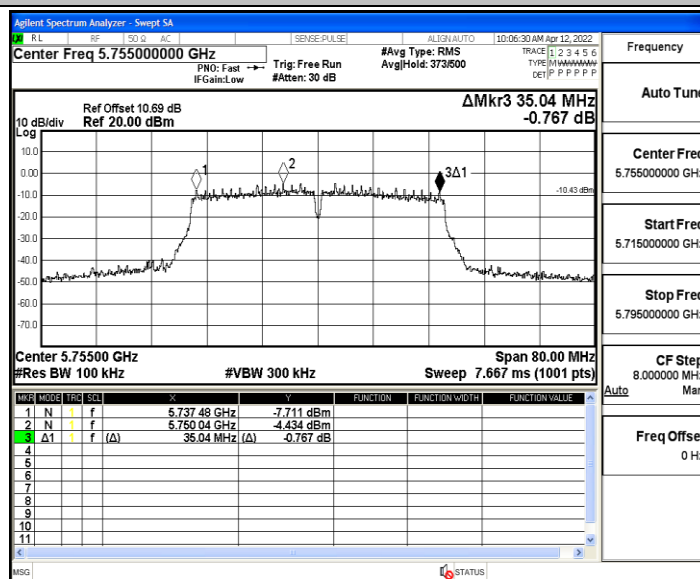
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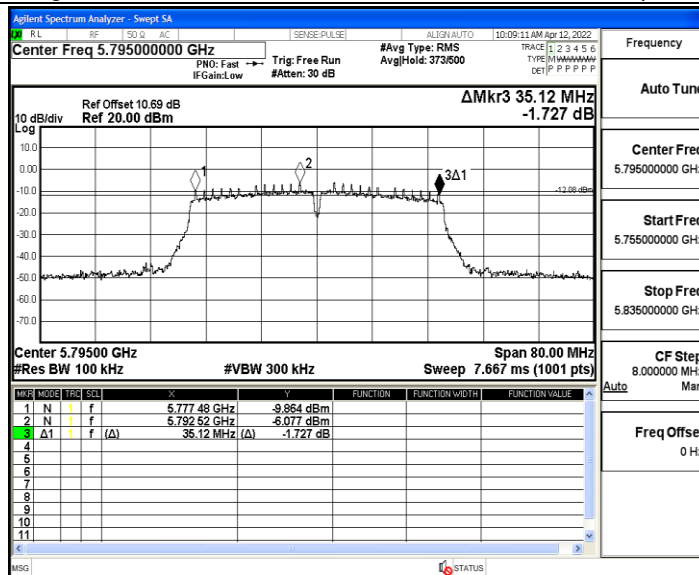
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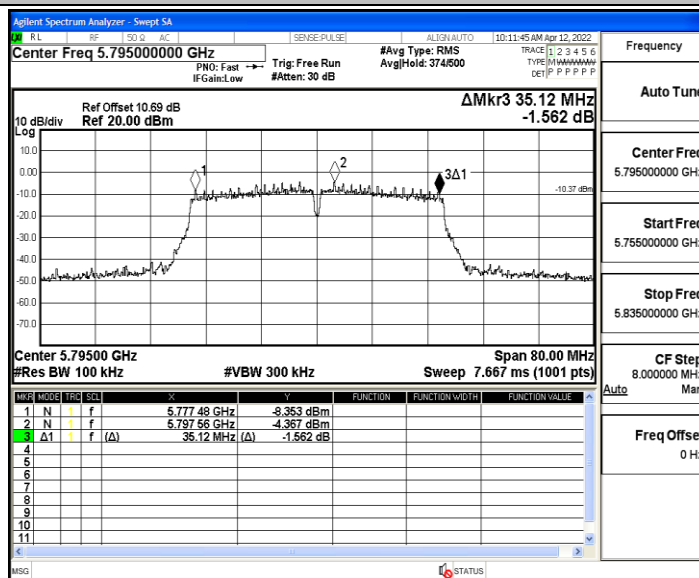
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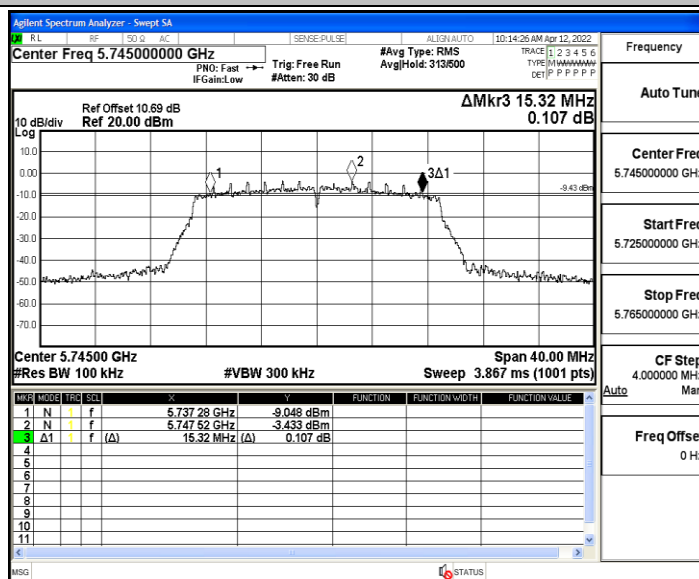
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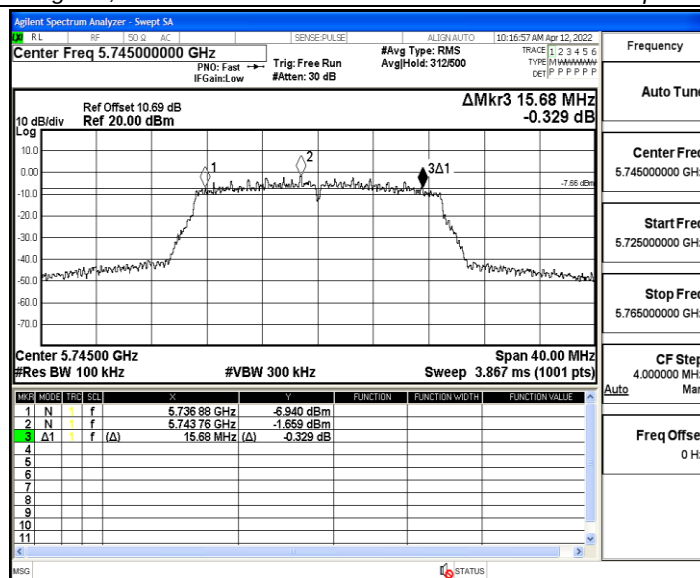
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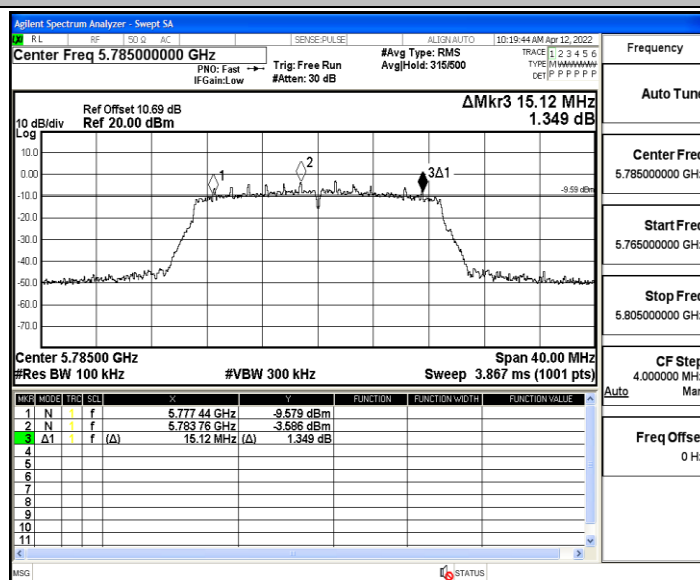
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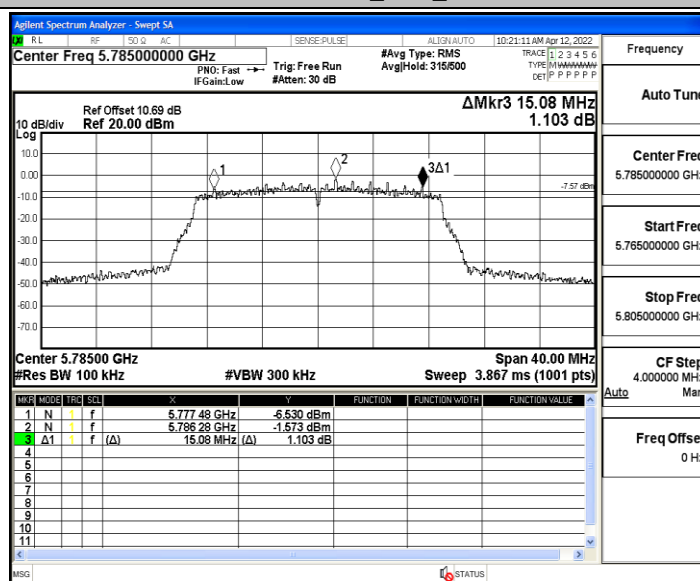
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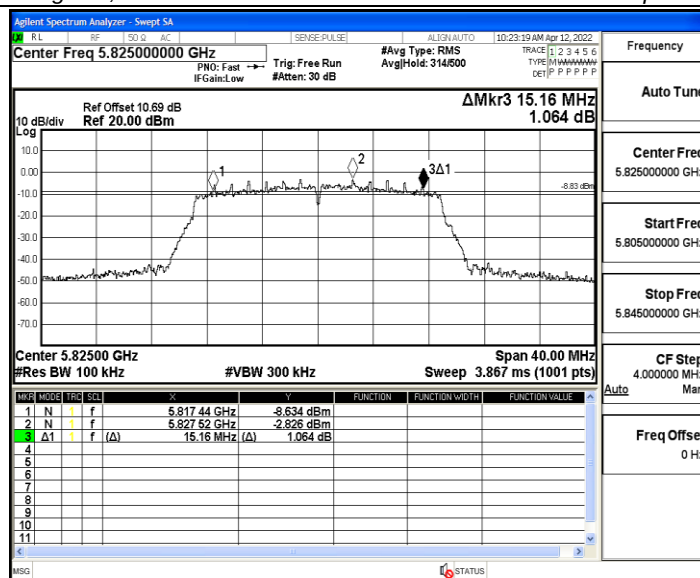
11AC20MIMO_Ant1_5785



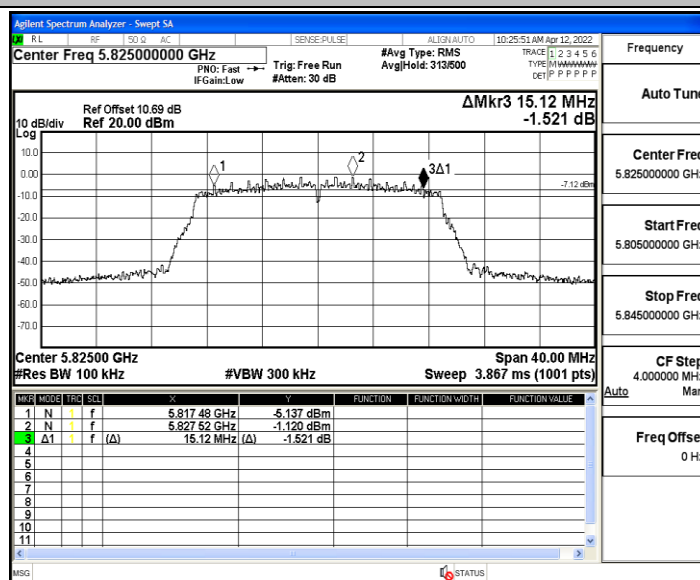
11AC20MIMO_Ant2_5785



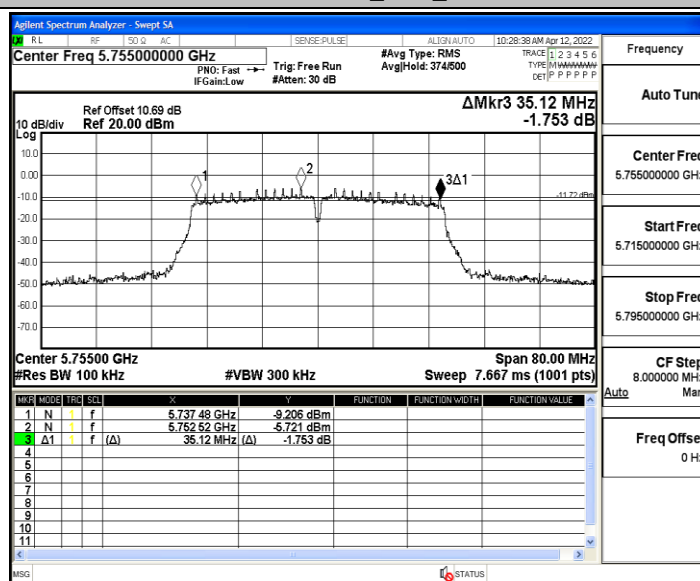
11AC20MIMO_Ant1_5825



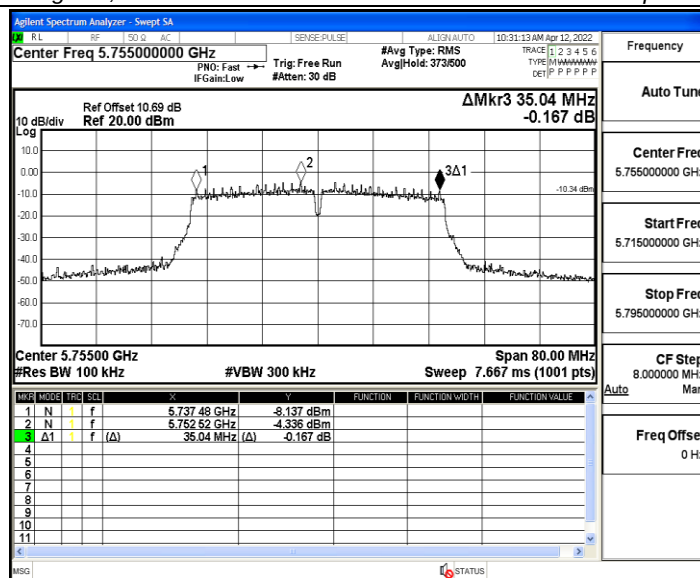
11AC20MIMO_Ant2_5825



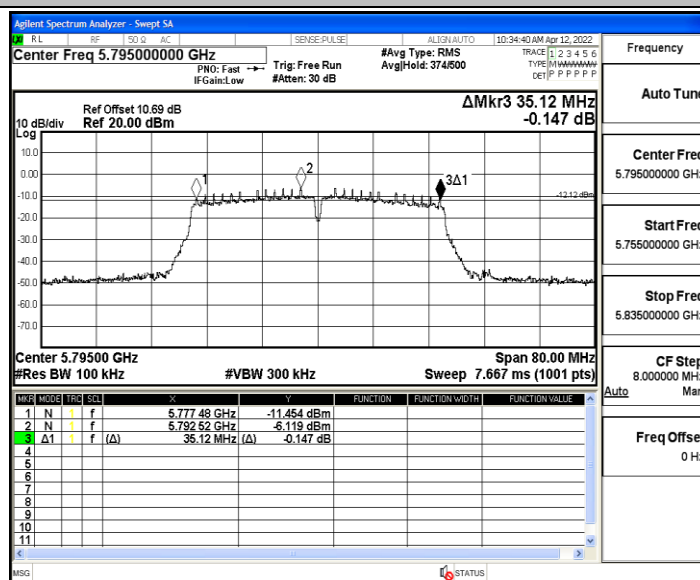
11AC40MIMO_Ant1_5755



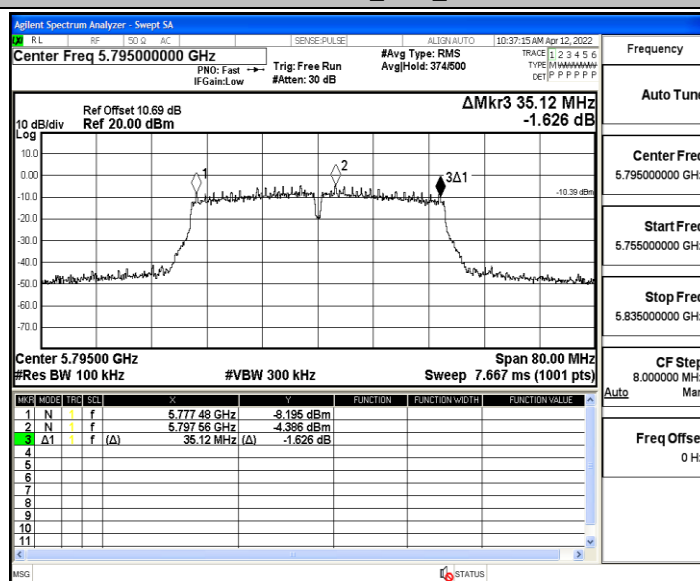
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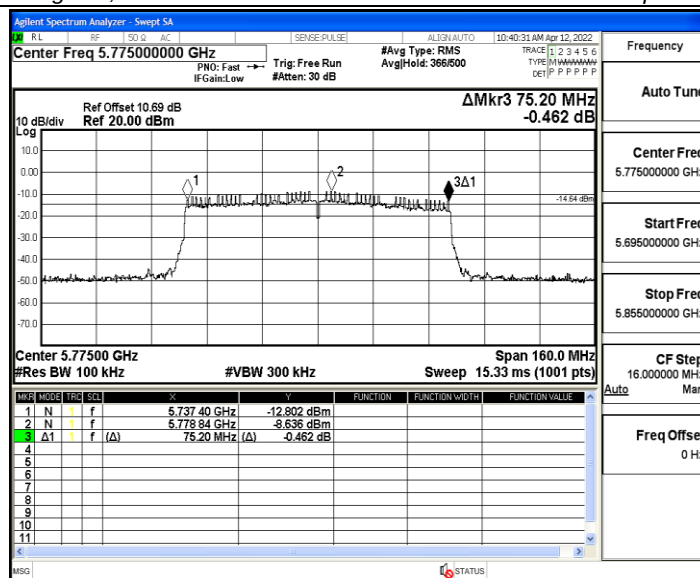
11AC40MIMO_Ant1_5795



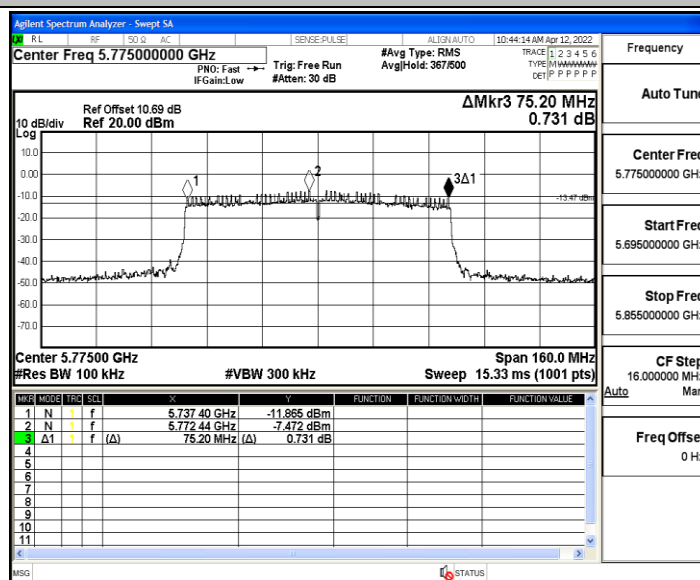
11AC40MIMO_Ant2_5795



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	7.85	≤30.00	PASS
	Ant2	5745	9.06	≤30.00	PASS
	Ant1	5785	7.34	≤30.00	PASS
	Ant2	5785	8.58	≤30.00	PASS
	Ant1	5825	8.39	≤30.00	PASS
	Ant2	5825	9.56	≤30.00	PASS
11N20MIMO	Ant1	5745	7.45	≤30.00	PASS
	Ant2	5745	8.65	≤30.00	PASS
	total	5745	11.10	≤28.57	PASS
	Ant1	5785	6.72	≤30.00	PASS
	Ant2	5785	8.32	≤30.00	PASS
	total	5785	10.60	≤28.57	PASS
	Ant1	5825	7.72	≤30.00	PASS
	Ant2	5825	9.46	≤30.00	PASS
	total	5825	11.69	≤28.57	PASS
11N40MIMO	Ant1	5755	7.34	≤30.00	PASS
	Ant2	5755	8.42	≤30.00	PASS
	total	5755	10.92	≤28.57	PASS
	Ant1	5795	6.96	≤30.00	PASS
	Ant2	5795	8.39	≤30.00	PASS
	total	5795	10.74	≤28.57	PASS
11AC20MIMO	Ant1	5745	7.45	≤30.00	PASS
	Ant2	5745	8.71	≤30.00	PASS
	total	5745	11.14	≤28.57	PASS
	Ant1	5785	6.68	≤30.00	PASS
	Ant2	5785	8.29	≤30.00	PASS
	total	5785	10.57	≤28.57	PASS
	Ant1	5825	7.82	≤30.00	PASS
	Ant2	5825	9.43	≤30.00	PASS
	total	5825	11.71	≤28.57	PASS
11AC40MIMO	Ant1	5755	7.37	≤30.00	PASS
	Ant2	5755	8.45	≤30.00	PASS
	total	5755	10.95	≤28.57	PASS
	Ant1	5795	6.90	≤30.00	PASS
	Ant2	5795	8.46	≤30.00	PASS
	total	5795	10.76	≤28.57	PASS
11AC80MIMO	Ant1	5775	6.89	≤30.00	PASS
	Ant2	5775	8.17	≤30.00	PASS
	total	5775	10.59	≤28.57	PASS

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

Appendix C: Maximum power spectral density

Test Result

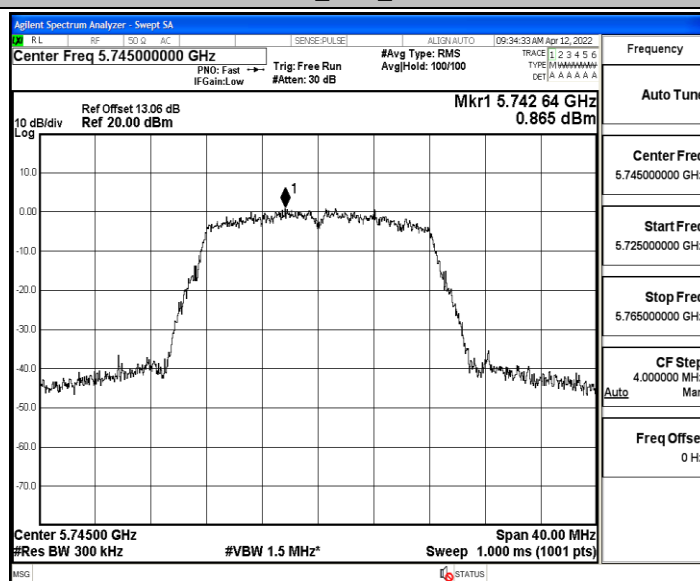
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	0.87	≤30.00	PASS
	Ant2	5745	2.22	≤30.00	PASS
	Ant1	5785	0.44	≤30.00	PASS
	Ant2	5785	2.12	≤30.00	PASS
	Ant1	5825	1.81	≤30.00	PASS
	Ant2	5825	2.87	≤30.00	PASS
11N20MIMO	Ant1	5745	0.7	≤30.00	PASS
	Ant2	5745	2.59	≤30.00	PASS
	total	5745	4.76	≤28.57	PASS
	Ant1	5785	0.3	≤30.00	PASS
	Ant2	5785	1.95	≤30.00	PASS
	total	5785	4.21	≤28.57	PASS
	Ant1	5825	0.76	≤30.00	PASS
	Ant2	5825	3.72	≤30.00	PASS
	total	5825	5.50	≤28.57	PASS
11N40MIMO	Ant1	5755	-2.67	≤30.00	PASS
	Ant2	5755	-0.73	≤30.00	PASS
	total	5755	1.42	≤28.57	PASS
	Ant1	5795	-2.76	≤30.00	PASS
	Ant2	5795	-0.58	≤30.00	PASS
	total	5795	1.48	≤28.57	PASS
11AC20MIMO	Ant1	5745	0.61	≤30.00	PASS
	Ant2	5745	2.12	≤30.00	PASS
	total	5745	4.44	≤28.57	PASS
	Ant1	5785	-0.1	≤30.00	PASS
	Ant2	5785	2.14	≤30.00	PASS
	total	5785	4.17	≤28.57	PASS
	Ant1	5825	1.23	≤30.00	PASS
	Ant2	5825	3.66	≤30.00	PASS
	total	5825	5.62	≤28.57	PASS
11AC40MIMO	Ant1	5755	-2.16	≤30.00	PASS
	Ant2	5755	-0.74	≤30.00	PASS
	total	5755	1.62	≤28.57	PASS
	Ant1	5795	-2.87	≤30.00	PASS
	Ant2	5795	-0.45	≤30.00	PASS
	total	5795	1.52	≤28.57	PASS
11AC80MIMO	Ant1	5775	-5.72	≤30.00	PASS
	Ant2	5775	-4.6	≤30.00	PASS
	total	5775	-2.11	≤28.57	PASS

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

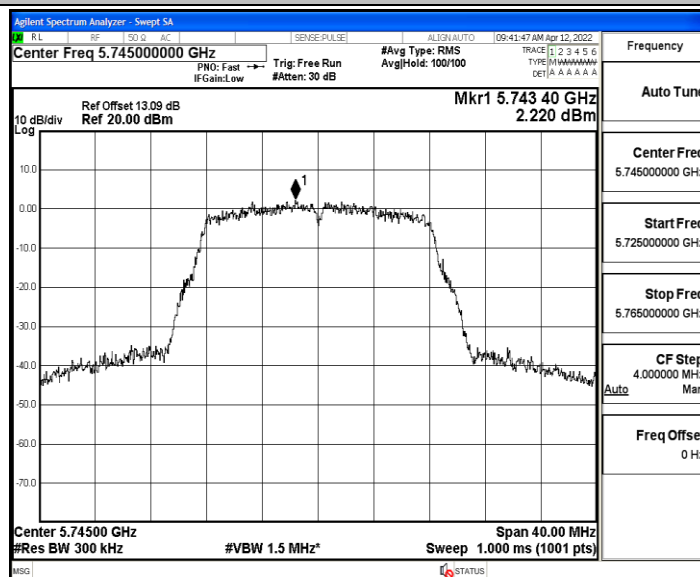
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

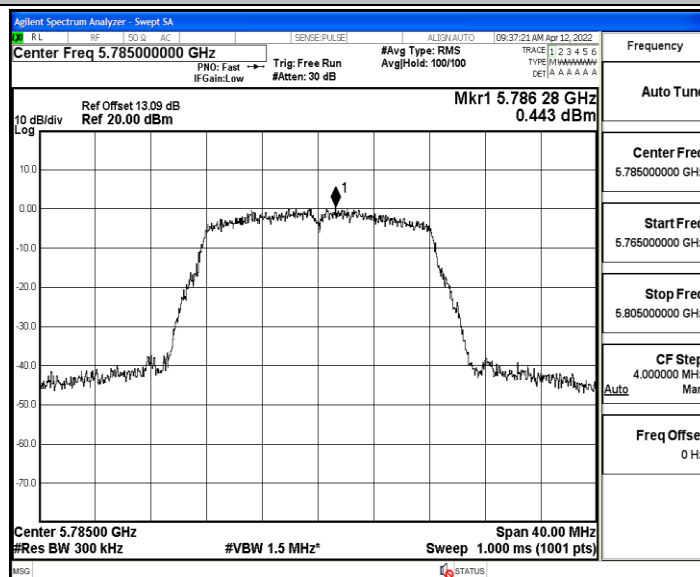
11A_Ant1_5745



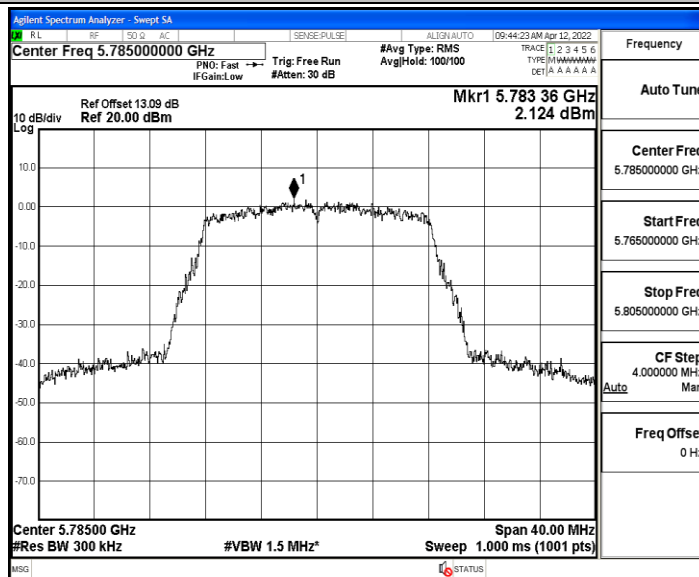
11A_Ant2_5745



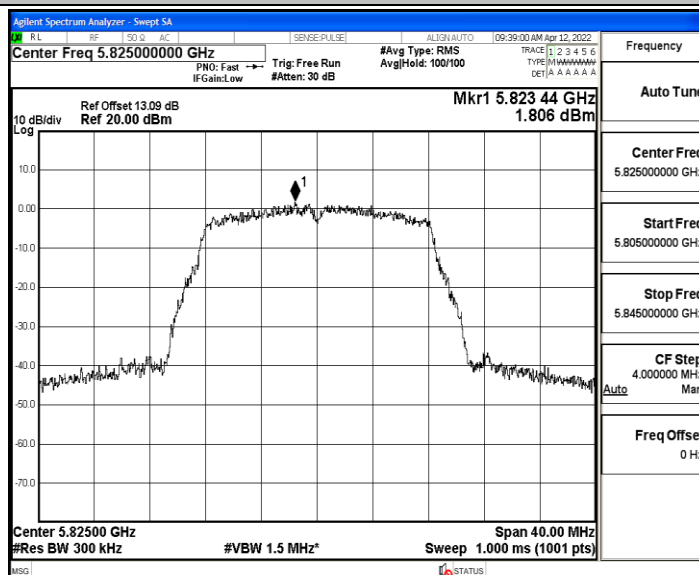
11A_Ant1_5785



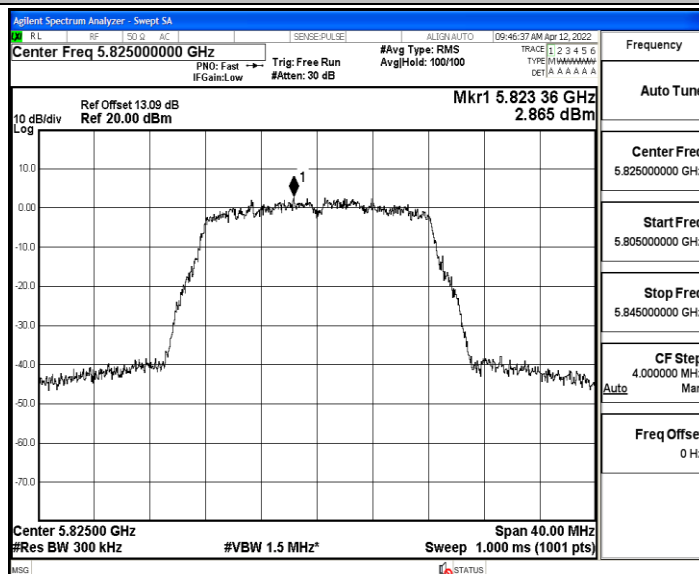
11A_Ant2_5785



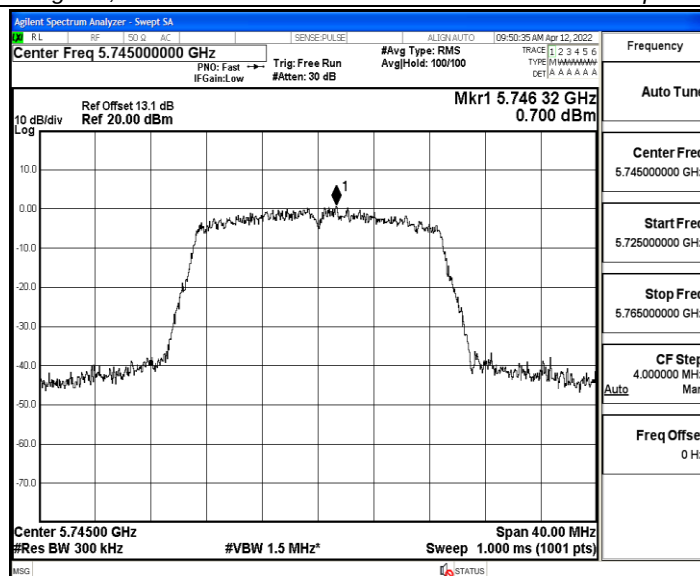
11A_Ant1_5825



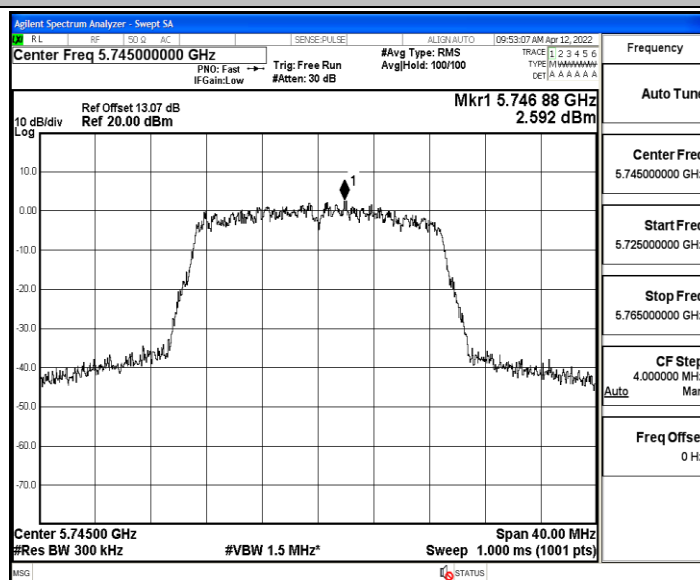
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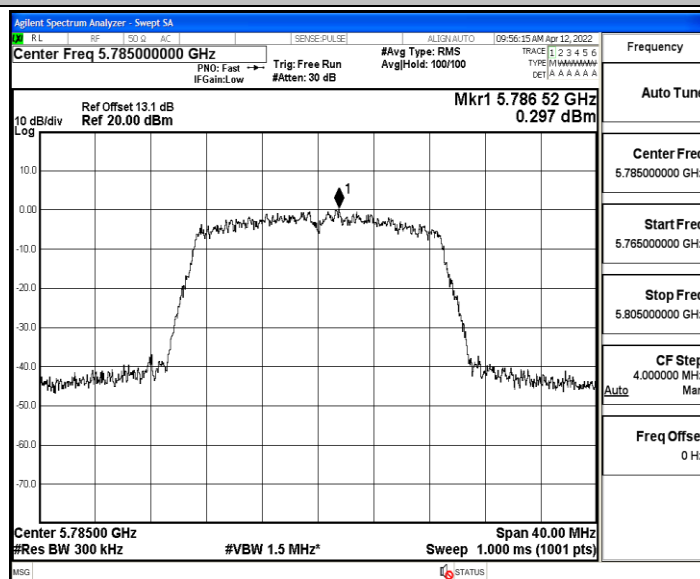
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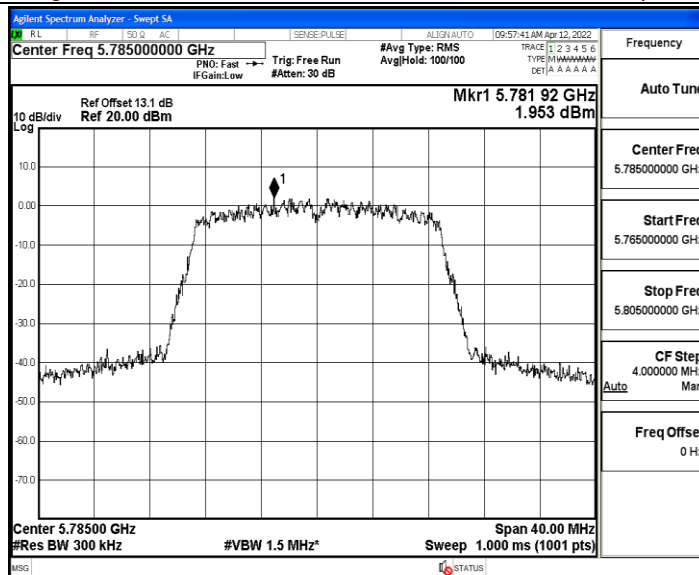
11N20MIMO_Ant2_5745



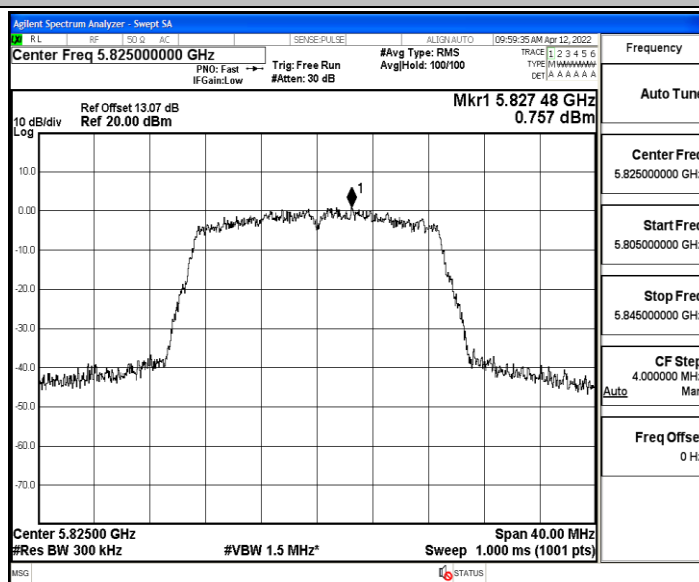
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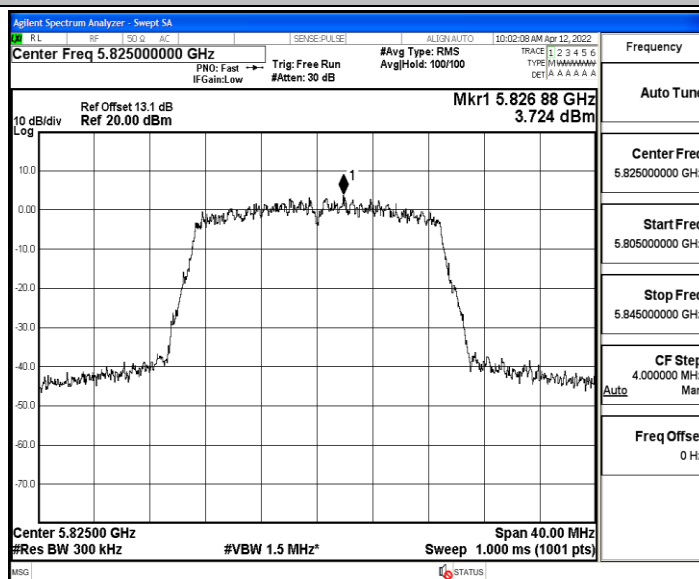
11N20MIMO_Ant2_5785



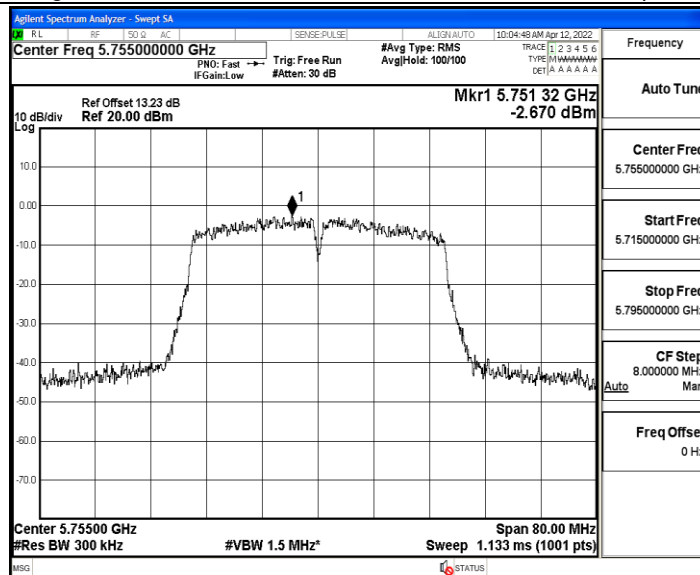
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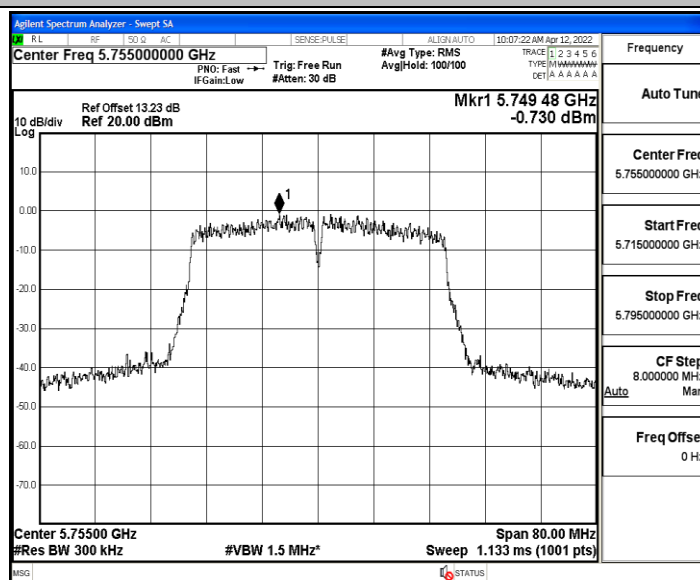
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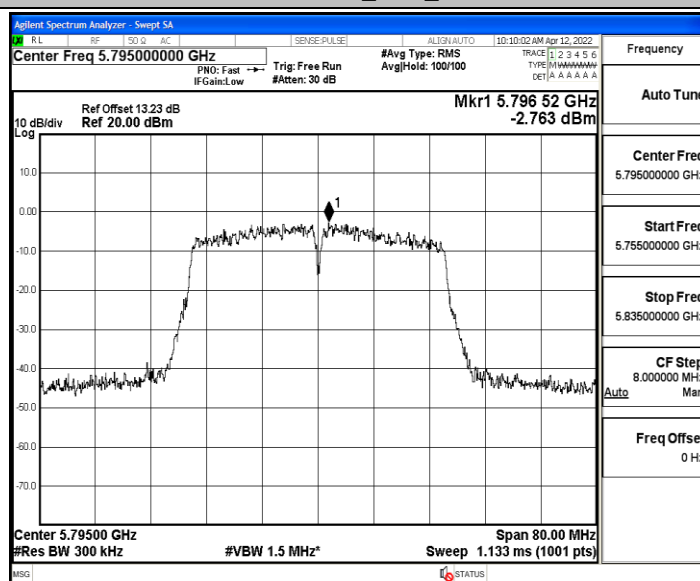
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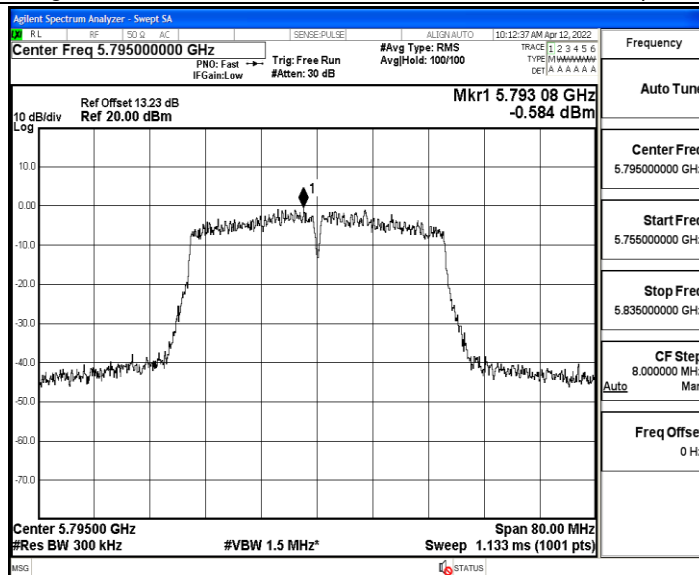
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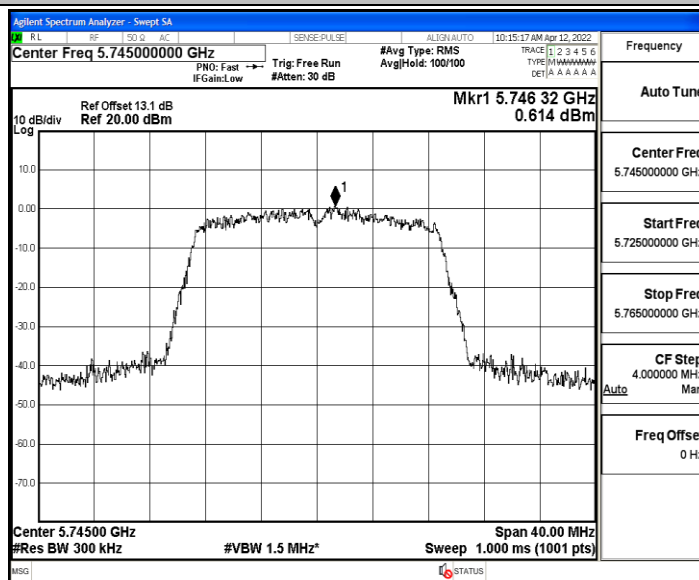
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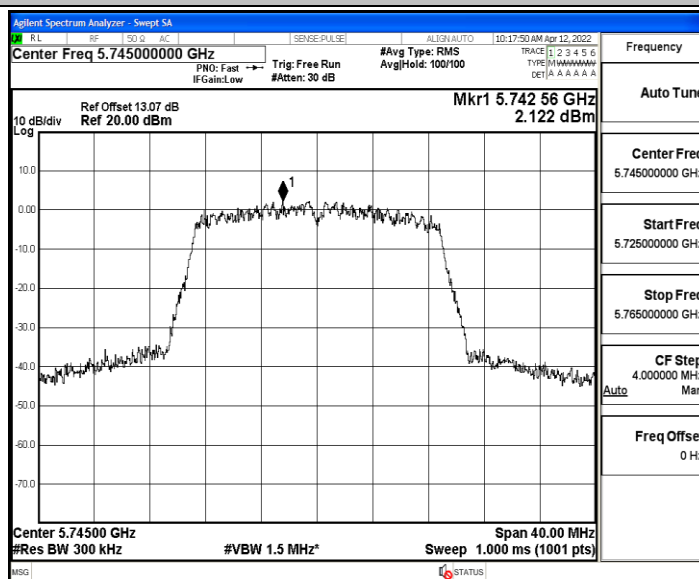
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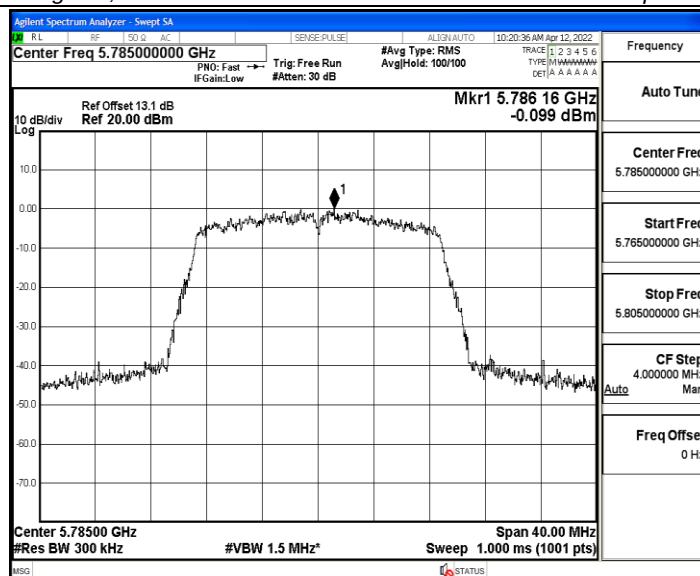
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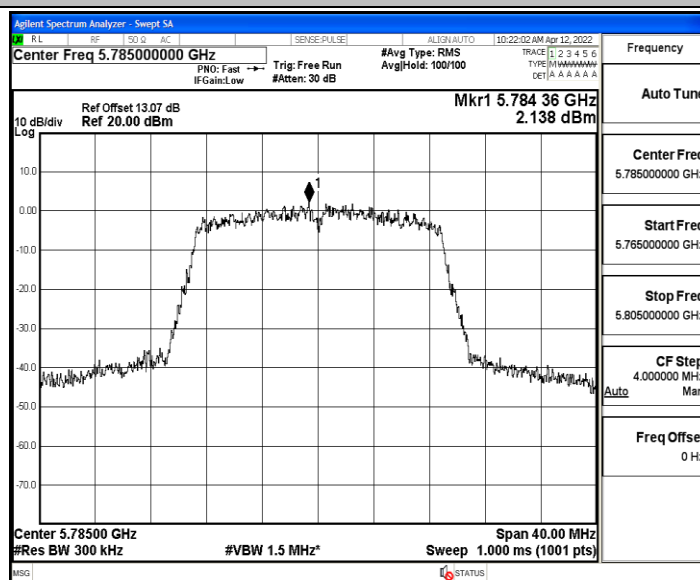
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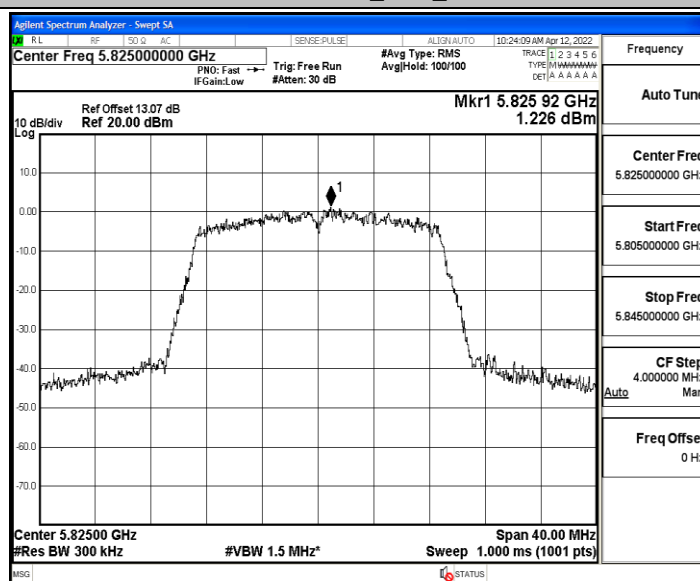
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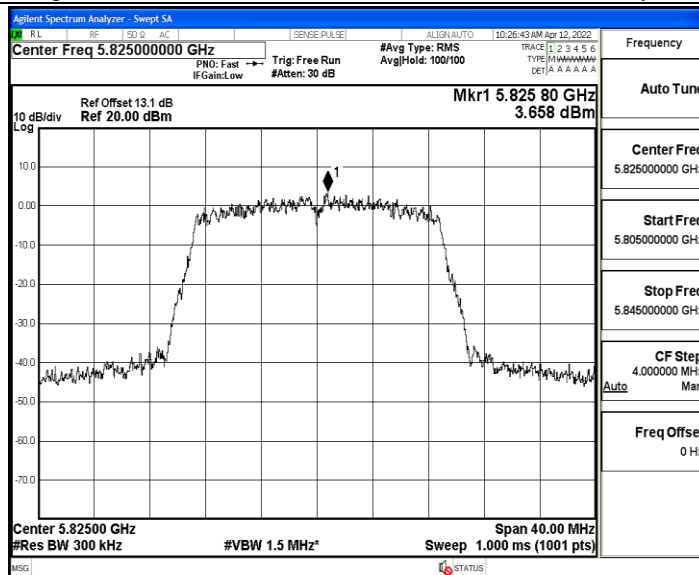
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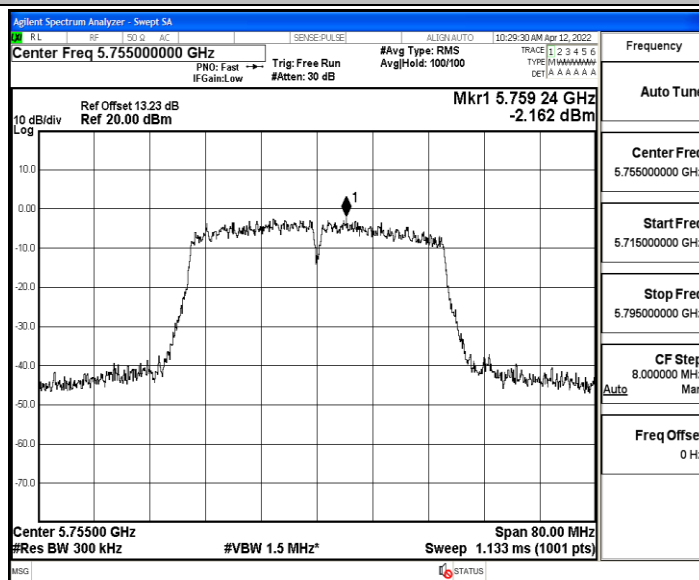
11AC20MIMO_Ant1_5825



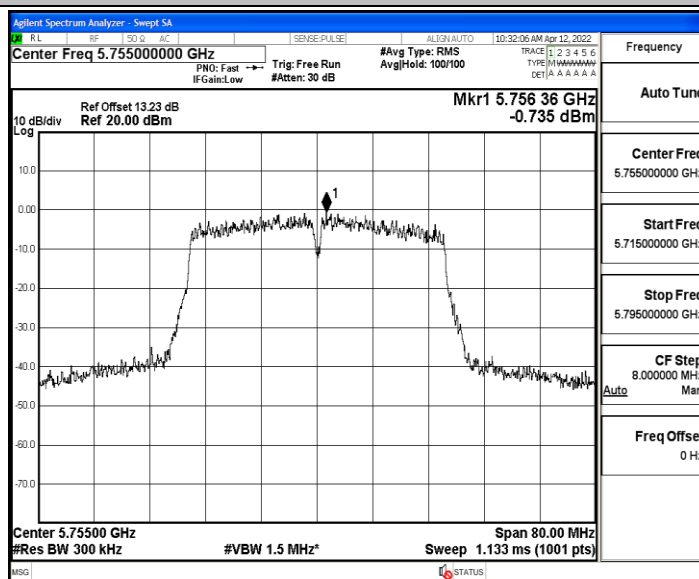
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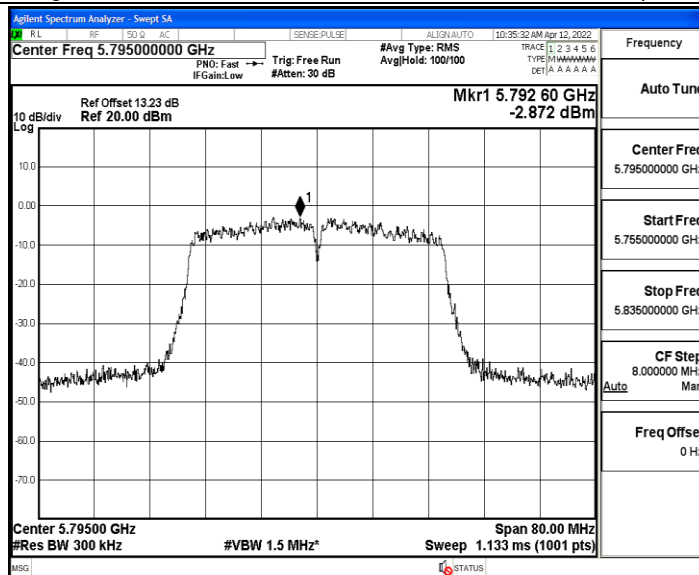
11AC40MIMO_Ant1_5755



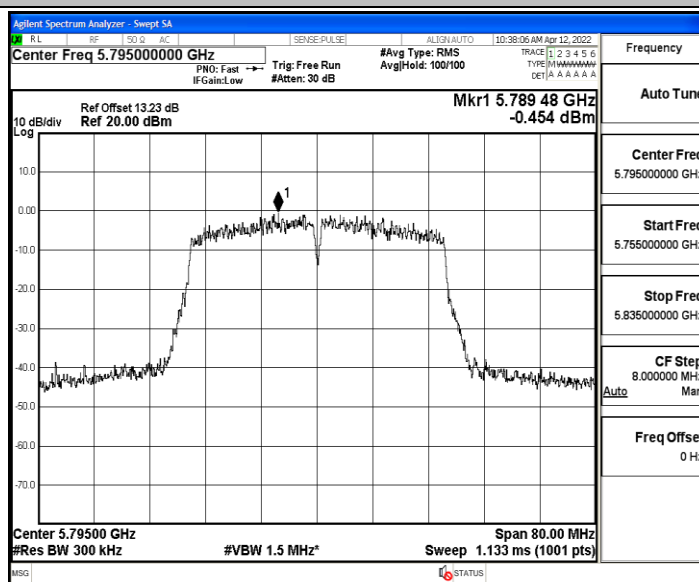
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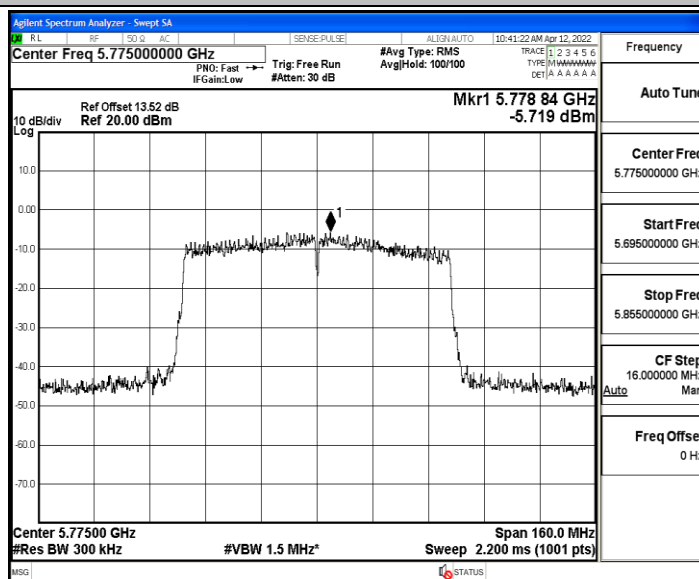
11AC40MIMO_Ant1_5795



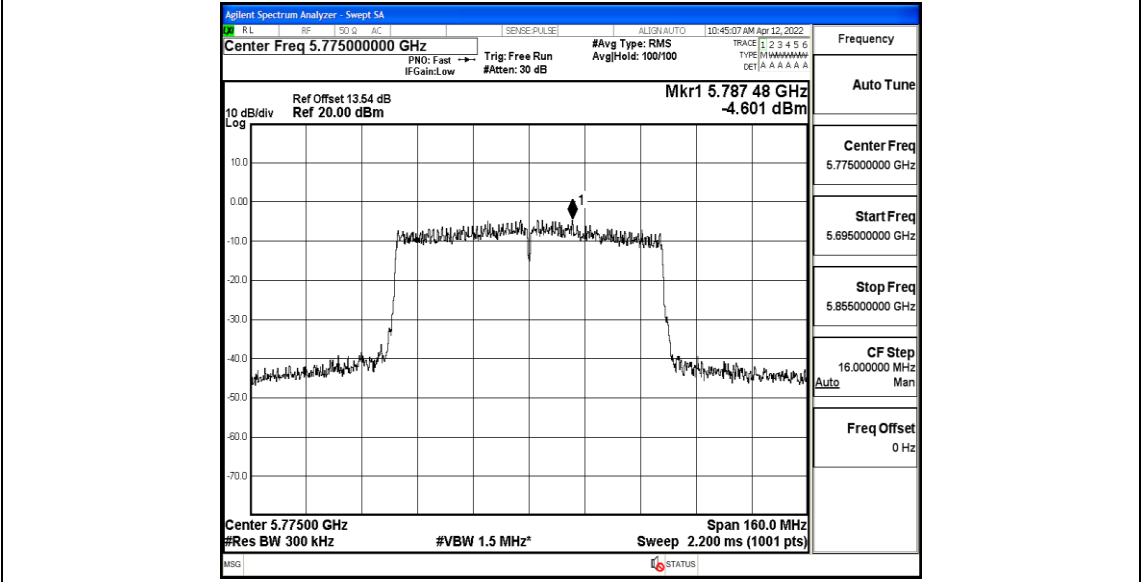
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix D: Band edge measurements

Test Result

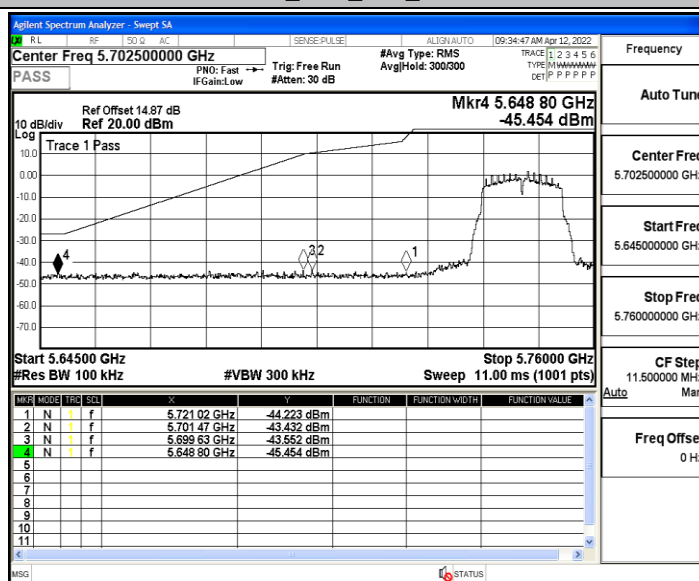
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-43.55	≤9.72	PASS
				5700~5720	-43.43	≤10.41	PASS
				5720~5725	-44.22	≤17.91	PASS
				5760~5650	-45.45	≤-27	PASS
	Ant2	Low	5745	5650~5700	-43.86	≤9.47	PASS
				5700~5720	-43.28	≤12.50	PASS
				5720~5725	-42.32	≤26.83	PASS
				5760~5650	-43.63	≤-27	PASS
	Ant1	High	5825	5850~5855	-43.94	≤23.80	PASS
				5855~5875	-43.57	≤14.90	PASS
				5875~5925	-42.38	≤-23.46	PASS
				5925~5935	-44.24	≤-27	PASS
	Ant2	High	5825	5850~5855	-44.01	≤17.33	PASS
				5855~5875	-43.25	≤13.12	PASS
				5875~5925	-42.09	≤-6.78	PASS
				5925~5935	-43.78	≤-27	PASS
11N20MI MO	Ant1	Low	5745	5650~5700	-43.7	≤9.47	PASS
				5700~5720	-43.65	≤13.63	PASS
				5720~5725	-43.89	≤26.30	PASS
				5760~5650	-45.36	≤-27	PASS
	Ant2	Low	5745	5650~5700	-43.08	≤-21.08	PASS
				5700~5720	-43.49	≤10.02	PASS
				5720~5725	-42.25	≤25.78	PASS
				5760~5650	-45.11	≤-27	PASS
	Ant1	High	5825	5850~5855	-44.06	≤16.10	PASS
				5855~5875	-43.14	≤13.31	PASS
				5875~5925	-43.32	≤-11.87	PASS
				5925~5935	-44.38	≤-27	PASS
	Ant2	High	5825	5850~5855	-43.88	≤16.10	PASS
				5855~5875	-42.28	≤10.89	PASS
				5875~5925	-43.03	≤-23.76	PASS
				5925~5935	-42.92	≤-27	PASS
11N40MI MO	Ant1	Low	5755	5650~5700	-43.91	≤9.66	PASS
				5700~5720	-43.04	≤15.50	PASS
				5720~5725	-41.47	≤23.12	PASS
				5780~5650	-45.19	≤-27	PASS
	Ant2	Low	5755	5650~5700	-44.05	≤-8.62	PASS
				5700~5720	-41.41	≤14.90	PASS
				5720~5725	-39.08	≤24.97	PASS

	Ant1	High	5795	5780~5650	-44.57	≤ -27	PASS
				5850~5855	-43.88	≤ 17.54	PASS
				5855~5875	-43.41	≤ 14.66	PASS
				5875~5925	-43.58	≤ 8.36	PASS
				5925~5935	-44.08	≤ -27	PASS
	Ant2	High	5795	5850~5855	-42.9	≤ 19.80	PASS
				5855~5875	-43.03	≤ 11.15	PASS
				5875~5925	-42.97	≤ -7.63	PASS
				5925~5935	-43.06	≤ -27	PASS
11AC20M IMO	Ant1	Low	5745	5650~5700	-44	≤ -1.00	PASS
				5700~5720	-43.86	≤ 11.51	PASS
				5720~5725	-43.2	≤ 26.30	PASS
				5760~5650	-44.89	≤ -27	PASS
	Ant2	Low	5745	5650~5700	-43.58	≤ 9.89	PASS
				5700~5720	-43.24	≤ 10.41	PASS
				5720~5725	-42.33	≤ 26.30	PASS
				5760~5650	-44.29	≤ -27	PASS
	Ant1	High	5825	5850~5855	-43.63	≤ 24.10	PASS
				5855~5875	-43.79	≤ 13.58	PASS
				5875~5925	-43.22	≤ -23.76	PASS
				5925~5935	-43.86	≤ -27	PASS
	Ant2	High	5825	5850~5855	-43.44	≤ 22.57	PASS
				5855~5875	-43.08	≤ 12.82	PASS
				5875~5925	-42.54	≤ -1.78	PASS
				5925~5935	-42.18	≤ -27	PASS
11AC40M IMO	Ant1	Low	5755	5650~5700	-44.48	≤ -4.33	PASS
				5700~5720	-42.11	≤ 15.50	PASS
				5720~5725	-42.21	≤ 26.20	PASS
				5780~5650	-45.1	≤ -27	PASS
	Ant2	Low	5755	5650~5700	-43.53	≤ 5.66	PASS
				5700~5720	-39.53	≤ 14.90	PASS
				5720~5725	-38.63	≤ 21.28	PASS
				5780~5650	-44.77	≤ -27	PASS
	Ant1	High	5795	5850~5855	-43.89	≤ 26.94	PASS
				5855~5875	-43.81	≤ 14.98	PASS
				5875~5925	-43.13	≤ -19.84	PASS
				5925~5935	-43.41	≤ -27	PASS
	Ant2	High	5795	5850~5855	-43.87	≤ 17.54	PASS
				5855~5875	-42.25	≤ 14.98	PASS
				5875~5925	-42.89	≤ -2.14	PASS
				5925~5935	-43.78	≤ -27	PASS
11AC80M IMO	Ant1	Low	5775	5650~5700	-43.77	≤ -16.71	PASS
				5700~5720	-42.14	≤ 15.26	PASS
				5720~5725	-42.7	≤ 20.59	PASS
				5800~5650	-45.63	≤ -27	PASS
		High	5775	5850~5855	-43.2	≤ 17.06	PASS

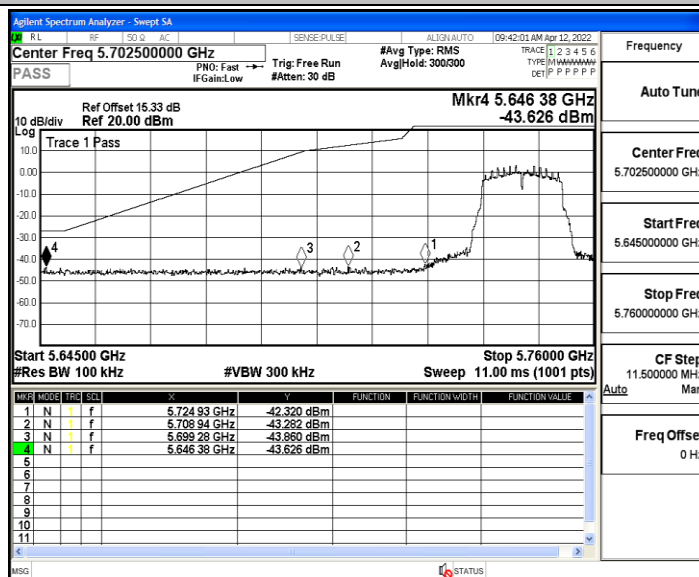
				5855~5875	-43.32	≤14.63	PASS
				5875~5925	-43.94	≤6.04	PASS
				5925~5935	-44.23	≤-27	PASS
	Ant2	Low	5775	5650~5700	-42.23	≤7.95	PASS
				5700~5720	-39.32	≤15.26	PASS
				5720~5725	-39.04	≤21.30	PASS
				5800~5850	-44.91	≤-27	PASS
		High	5775	5850~5855	-42.93	≤22.12	PASS
				5855~5875	-43.23	≤11.21	PASS
				5875~5925	-43.25	≤-26.96	PASS
				5925~5935	-43.2	≤-27	PASS

Test Graphs

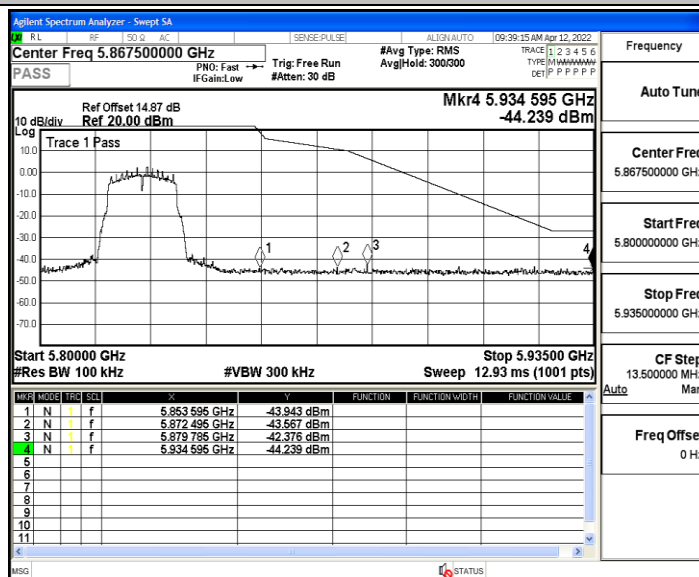
11A_Ant1_Low_5745



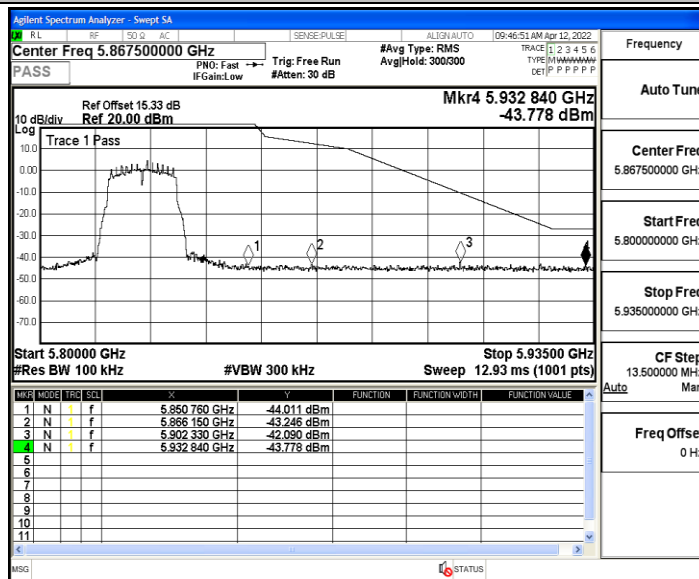
11A_Ant2_Low_5745



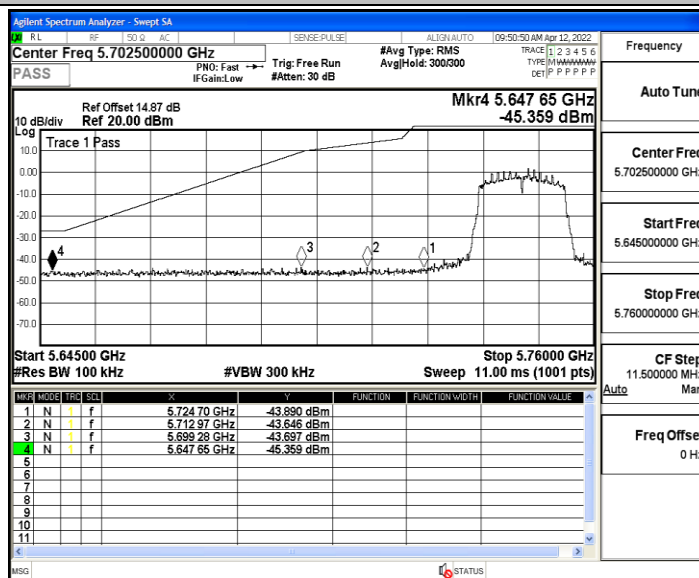
11A_Ant1_High_5825



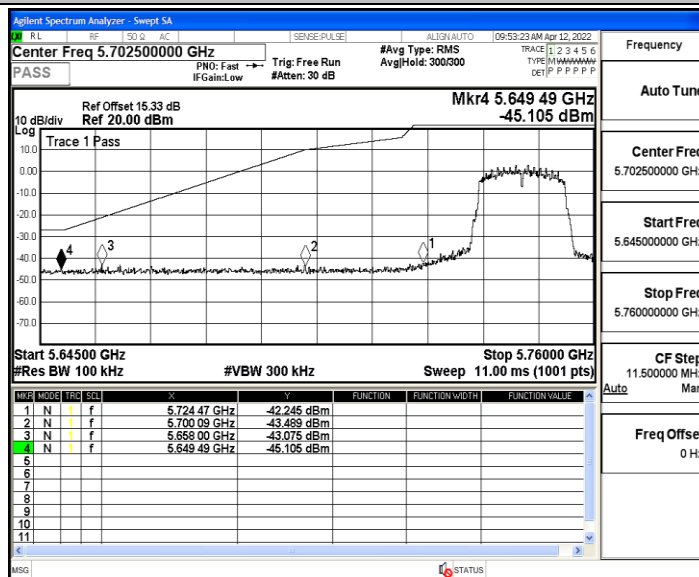
11A_Ant2_High_5825



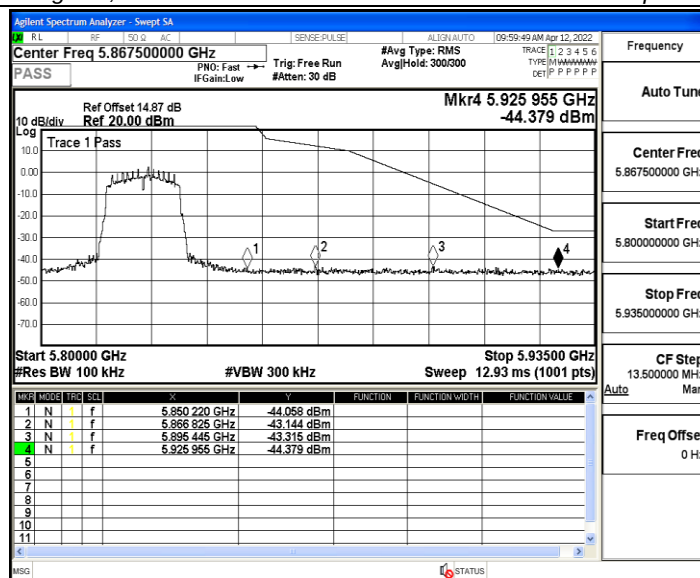
11N20MIMO_Ant1_Low_5745



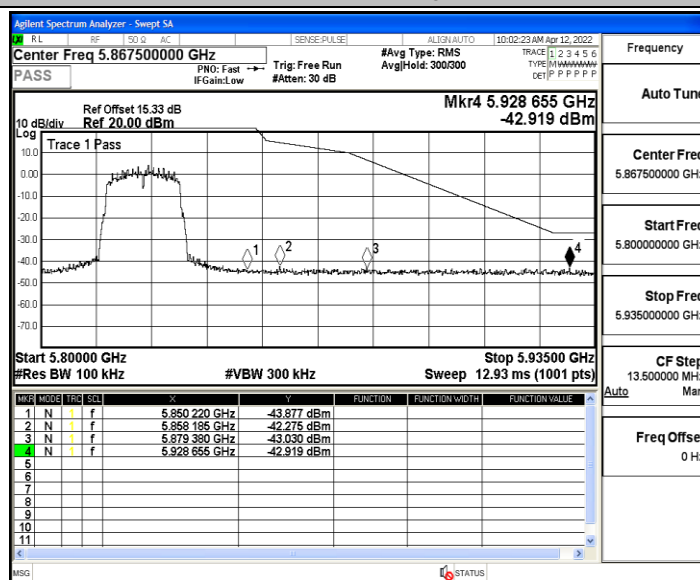
11N20MIMO_Ant2_Low_5745



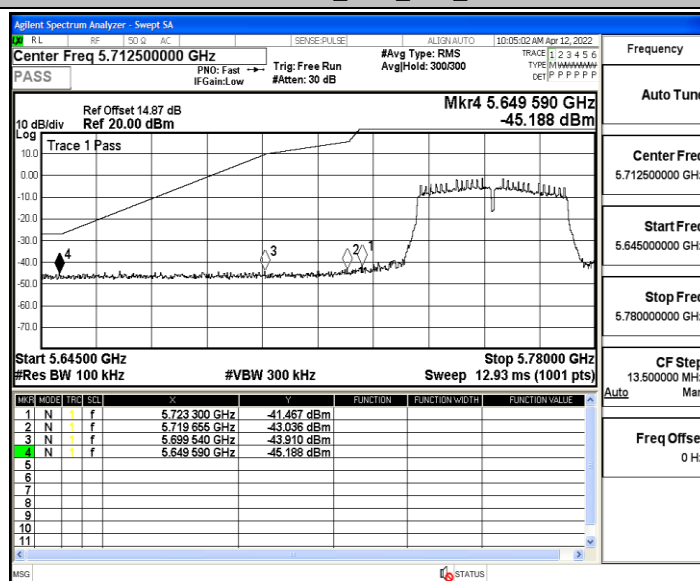
11N20MIMO_Ant1_High_5825



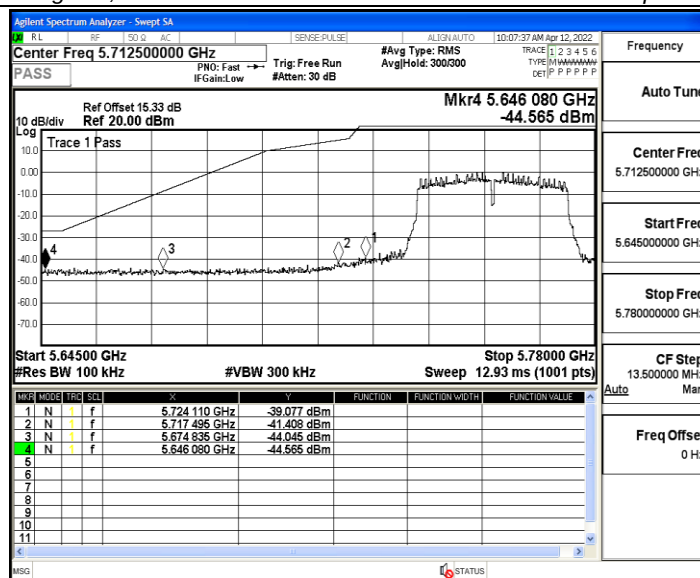
11N20MIMO_Ant2_High_5825



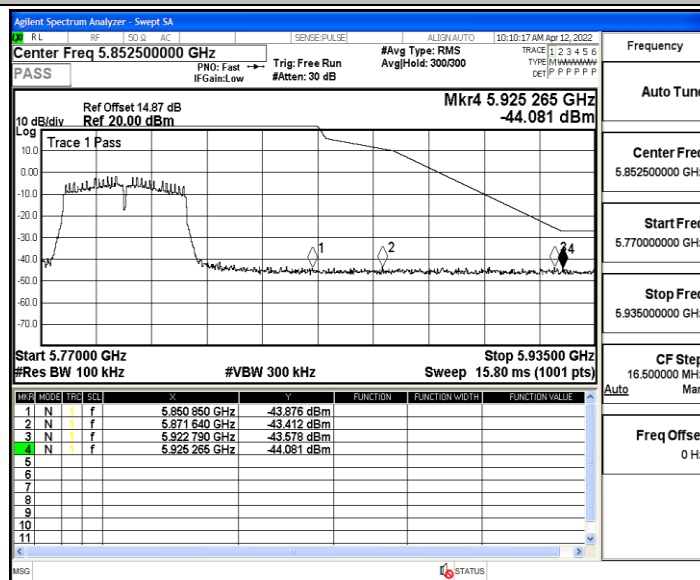
11N40MIMO_Ant1_Low_5755



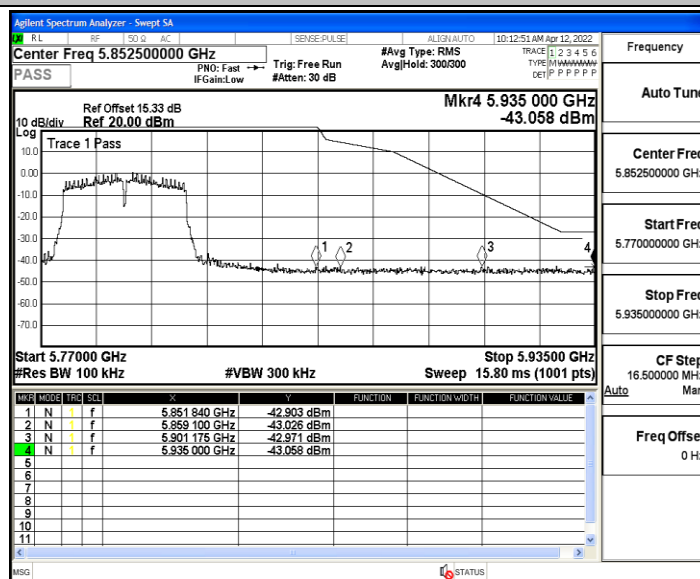
11N40MIMO_Ant2_Low_5755



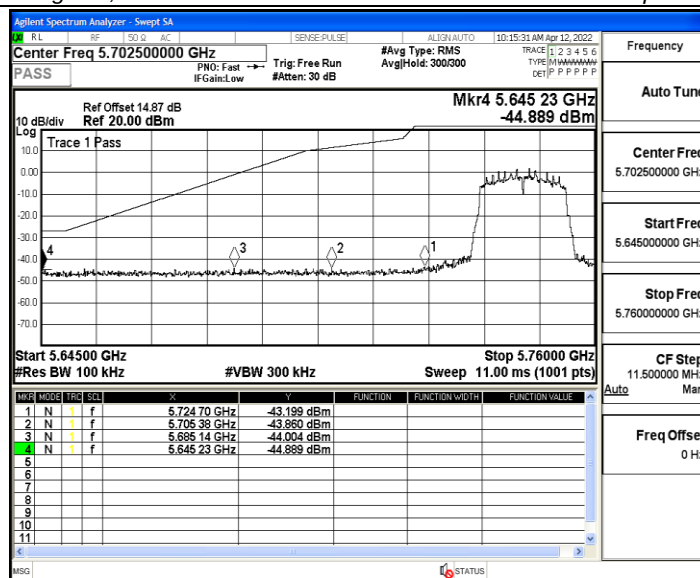
11N40MIMO_Ant1_High_5795



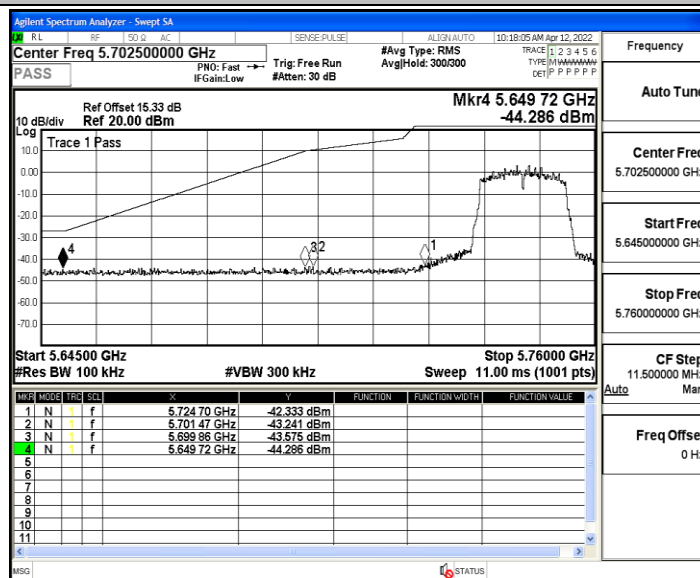
11N40MIMO_Ant2_High_5795



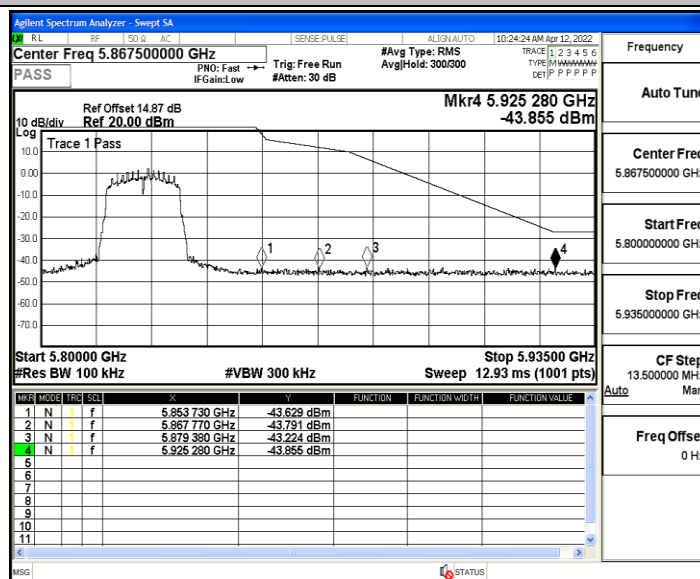
11AC20MIMO_Ant1_Low_5745



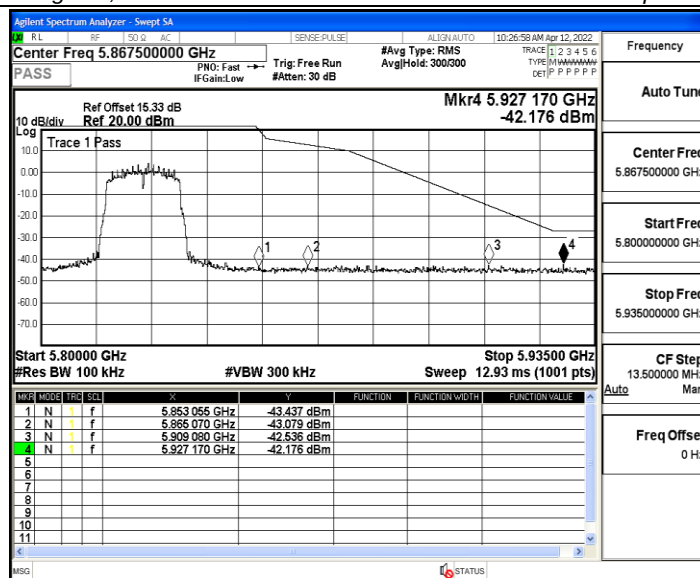
11AC20MIMO_Ant2_Low_5745



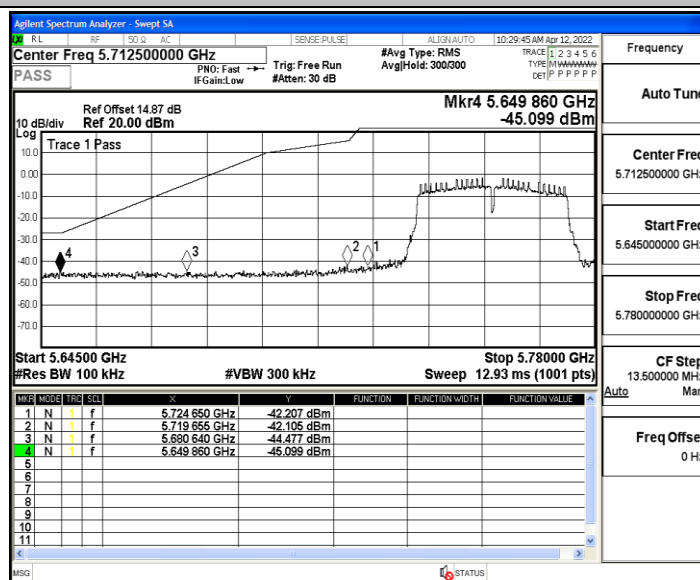
11AC20MIMO_Ant1_High_5825



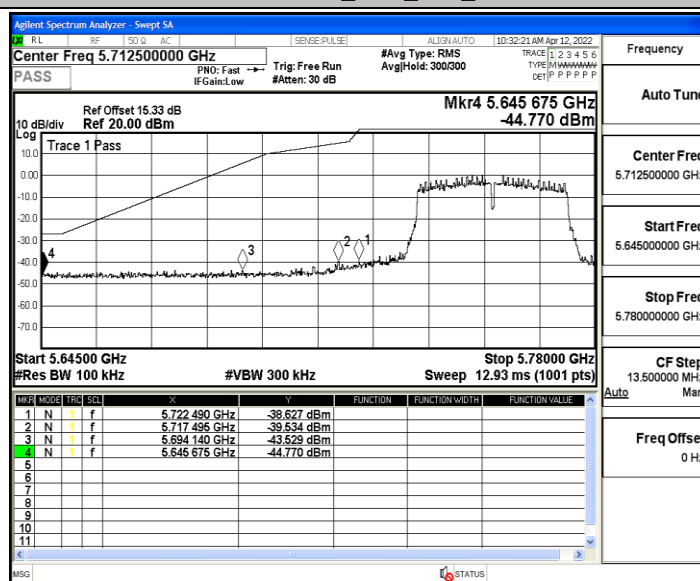
11AC20MIMO_Ant2_High_5825



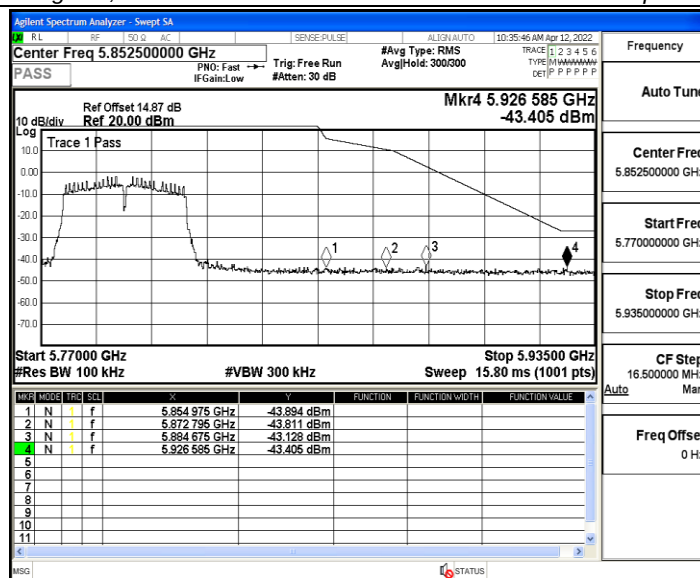
11AC40MIMO_Ant1_Low_5755



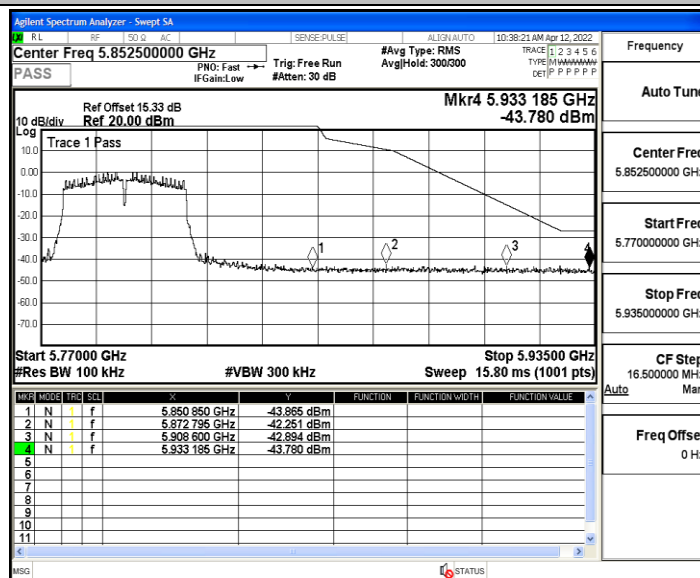
11AC40MIMO_Ant2_Low_5755



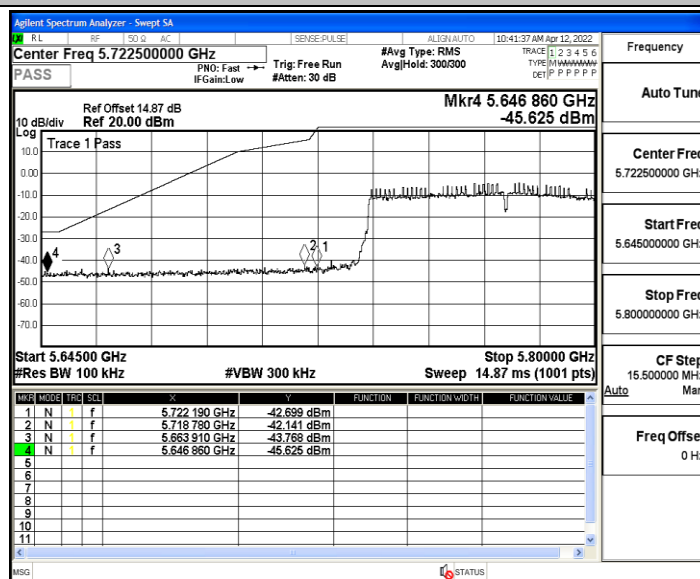
11AC40MIMO_Ant1_High_5795



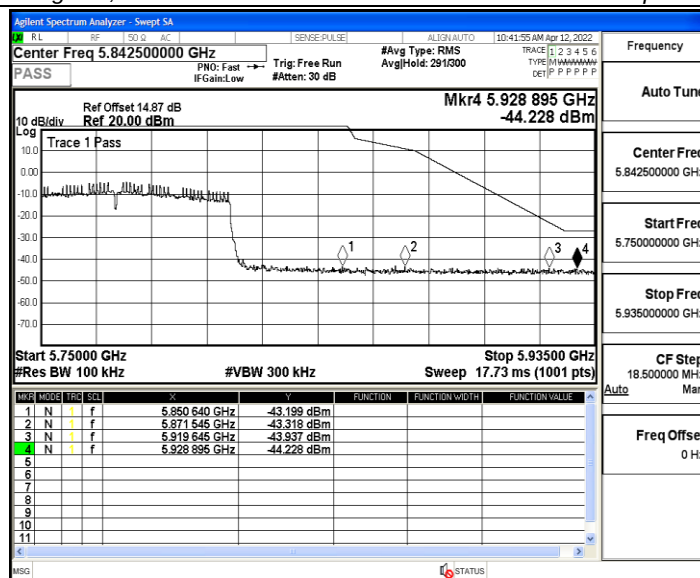
11AC40MIMO_Ant2_High_5795



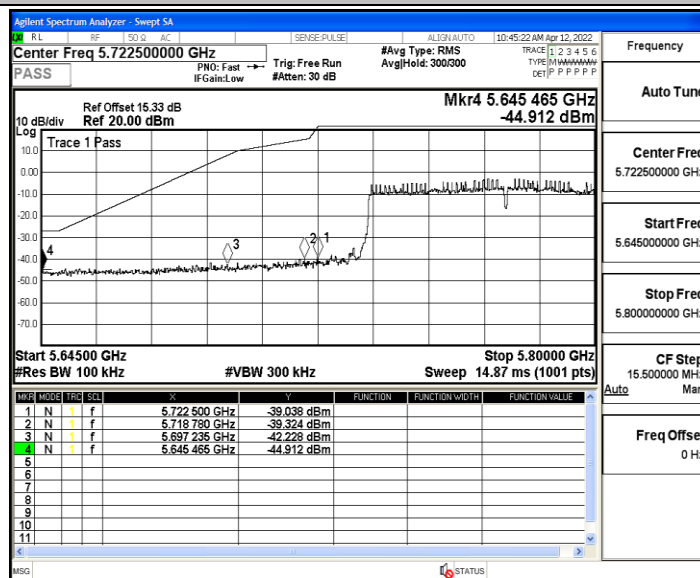
11AC80MIMO_Ant1_Low_5775



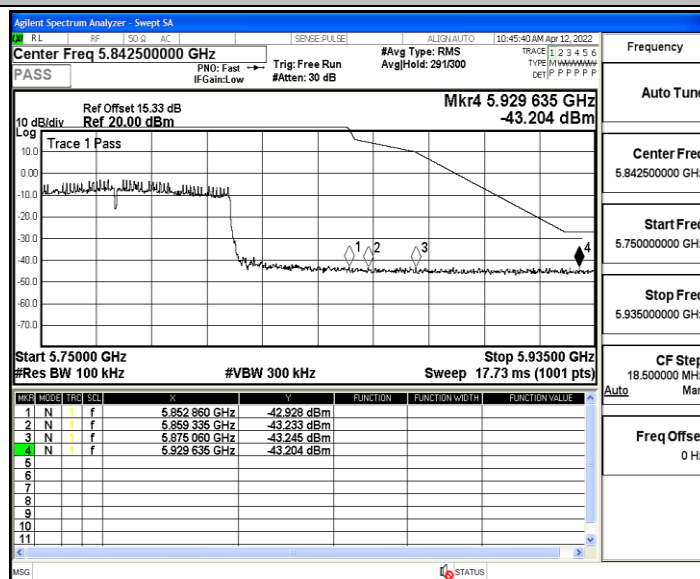
11AC80MIMO_Ant1_High_5775



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	5744.903231	5745 – 5825	PASS
5745	20	108	5745.022106	5745 – 5825	PASS
5745	50	120	5744.970741	5745 – 5825	PASS
5745	40	120	5745.002038	5745 – 5825	PASS
5745	30	120	5744.904561	5745 – 5825	PASS
5745	20	120	5745.019919	5745 – 5825	PASS
5745	10	120	5745.085671	5745 – 5825	PASS
5745	0	120	5744.977728	5745 – 5825	PASS
5745	-10	120	5744.989965	5745 – 5825	PASS
5745	-20	120	5745.023202	5745 – 5825	PASS
5745	-30	120	5745.012394	5745 – 5825	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.999566	5745 – 5825	PASS
5745	20	108	5744.951050	5745 – 5825	PASS
5745	50	120	5744.977226	5745 – 5825	PASS
5745	40	120	5744.974881	5745 – 5825	PASS
5745	30	120	5744.991817	5745 – 5825	PASS
5745	20	120	5745.044553	5745 – 5825	PASS
5745	10	120	5744.904656	5745 – 5825	PASS
5745	0	120	5744.974538	5745 – 5825	PASS
5745	-10	120	5744.944763	5745 – 5825	PASS
5745	-20	120	5744.984002	5745 – 5825	PASS
5745	-30	120	5745.024395	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5785.071566	5745 – 5825	PASS
5785	20	108	5784.936852	5745 – 5825	PASS
5785	50	120	5785.083811	5745 – 5825	PASS
5785	40	120	5785.065605	5745 – 5825	PASS
5785	30	120	5785.029374	5745 – 5825	PASS
5785	20	120	5784.920427	5745 – 5825	PASS
5785	10	120	5784.924437	5745 – 5825	PASS
5785	0	120	5784.972423	5745 – 5825	PASS
5785	-10	120	5785.058052	5745 – 5825	PASS
5785	-20	120	5785.021701	5745 – 5825	PASS
5785	-30	120	5785.074138	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5784.948981	5745 – 5825	PASS
5785	20	108	5784.959019	5745 – 5825	PASS
5785	50	120	5785.043778	5745 – 5825	PASS
5785	40	120	5785.041725	5745 – 5825	PASS
5785	30	120	5785.076890	5745 – 5825	PASS
5785	20	120	5785.058653	5745 – 5825	PASS
5785	10	120	5785.029674	5745 – 5825	PASS
5785	0	120	5784.988791	5745 – 5825	PASS
5785	-10	120	5785.066370	5745 – 5825	PASS
5785	-20	120	5784.980397	5745 – 5825	PASS
5785	-30	120	5785.075356	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5824.958653	5745 – 5825	PASS
5825	20	108	5824.910764	5745 – 5825	PASS
5825	50	120	5824.932629	5745 – 5825	PASS
5825	40	120	5824.959978	5745 – 5825	PASS
5825	30	120	5824.996689	5745 – 5825	PASS
5825	20	120	5825.009878	5745 – 5825	PASS
5825	10	120	5824.970829	5745 – 5825	PASS
5825	0	120	5825.047914	5745 – 5825	PASS
5825	-10	120	5824.945686	5745 – 5825	PASS
5825	-20	120	5825.086527	5745 – 5825	PASS
5825	-30	120	5825.080025	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.031638	5745 – 5825	PASS
5825	20	108	5824.945682	5745 – 5825	PASS
5825	50	120	5824.975881	5745 – 5825	PASS
5825	40	120	5824.991699	5745 – 5825	PASS
5825	30	120	5825.025689	5745 – 5825	PASS
5825	20	120	5825.082107	5745 – 5825	PASS
5825	10	120	5825.065359	5745 – 5825	PASS
5825	0	120	5825.071661	5745 – 5825	PASS
5825	-10	120	5825.062179	5745 – 5825	PASS
5825	-20	120	5825.019012	5745 – 5825	PASS
5825	-30	120	5824.985467	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.046394	5745 – 5825	PASS
5755	20	108	5755.065747	5745 – 5825	PASS
5755	50	120	5754.964207	5745 – 5825	PASS
5755	40	120	5754.981988	5745 – 5825	PASS
5755	30	120	5754.907210	5745 – 5825	PASS
5755	20	120	5754.944296	5745 – 5825	PASS
5755	10	120	5754.991700	5745 – 5825	PASS
5755	0	120	5755.098460	5745 – 5825	PASS
5755	-10	120	5755.002168	5745 – 5825	PASS
5755	-20	120	5754.901288	5745 – 5825	PASS
5755	-30	120	5754.929643	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.062982	5745 – 5825	PASS
5755	20	108	5755.061472	5745 – 5825	PASS
5755	50	120	5754.990929	5745 – 5825	PASS
5755	40	120	5755.057850	5745 – 5825	PASS
5755	30	120	5755.038704	5745 – 5825	PASS
5755	20	120	5754.991130	5745 – 5825	PASS
5755	10	120	5755.023486	5745 – 5825	PASS
5755	0	120	5754.900644	5745 – 5825	PASS
5755	-10	120	5755.088240	5745 – 5825	PASS
5755	-20	120	5755.064989	5745 – 5825	PASS
5755	-30	120	5755.039208	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5795.088139	5745 – 5825	PASS
5795	20	108	5794.949563	5745 – 5825	PASS
5795	50	120	5795.082437	5745 – 5825	PASS
5795	40	120	5795.091598	5745 – 5825	PASS
5795	30	120	5794.981590	5745 – 5825	PASS
5795	20	120	5795.096349	5745 – 5825	PASS
5795	10	120	5794.920028	5745 – 5825	PASS
5795	0	120	5794.952030	5745 – 5825	PASS
5795	-10	120	5794.948704	5745 – 5825	PASS
5795	-20	120	5795.096024	5745 – 5825	PASS
5795	-30	120	5795.069003	5745 – 5825	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5795.076116	5745 – 5825	PASS
5795	20	108	5795.075999	5745 – 5825	PASS
5795	50	120	5794.953085	5745 – 5825	PASS
5795	40	120	5795.009574	5745 – 5825	PASS
5795	30	120	5795.028835	5745 – 5825	PASS
5795	20	120	5794.982359	5745 – 5825	PASS
5795	10	120	5794.979455	5745 – 5825	PASS
5795	0	120	5795.097473	5745 – 5825	PASS
5795	-10	120	5794.921208	5745 – 5825	PASS
5795	-20	120	5794.963699	5745 – 5825	PASS
5795	-30	120	5795.083428	5745 – 5825	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.033620	5745 – 5825	PASS
5775	20	108	5775.043149	5745 – 5825	PASS
5775	50	120	5774.914788	5745 – 5825	PASS
5775	40	120	5775.035970	5745 – 5825	PASS
5775	30	120	5775.092448	5745 – 5825	PASS
5775	20	120	5775.023848	5745 – 5825	PASS
5775	10	120	5774.911365	5745 – 5825	PASS
5775	0	120	5775.036664	5745 – 5825	PASS
5775	-10	120	5775.023018	5745 – 5825	PASS
5775	-20	120	5774.925774	5745 – 5825	PASS
5775	-30	120	5774.976406	5745 – 5825	PASS

Ant2

Frequency (MHz)	Enviroment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5774.948754	5745 – 5825	PASS
5775	20	108	5774.952166	5745 – 5825	PASS
5775	50	120	5775.041775	5745 – 5825	PASS
5775	40	120	5774.930515	5745 – 5825	PASS
5775	30	120	5774.972786	5745 – 5825	PASS
5775	20	120	5774.960025	5745 – 5825	PASS
5775	10	120	5774.914319	5745 – 5825	PASS
5775	0	120	5775.020763	5745 – 5825	PASS
5775	-10	120	5775.065258	5745 – 5825	PASS
5775	-20	120	5774.965688	5745 – 5825	PASS
5775	-30	120	5775.033466	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	1.45	95.86	0.72
	Ant1	5785	1.39	1.45	95.86	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	1.36	95.59	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	1.35	96.30	0.77
	Ant2	5825	1.30	1.36	95.59	0.77
11N40MIMO	Ant1	5755	0.65	0.70	92.86	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	0.70	92.86	1.54
11AC20MIMO	Ant1	5745	1.30	1.36	95.59	0.77
	Ant2	5745	1.31	1.36	96.32	0.76
	Ant1	5785	1.31	1.37	95.62	0.76
	Ant2	5785	1.31	1.36	96.32	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	0.70	92.86	1.54
	Ant2	5755	0.65	0.70	92.86	1.54
	Ant1	5795	0.65	0.70	92.86	1.54
	Ant2	5795	0.66	0.71	92.96	1.52
11AC80MIMO	Ant1	5775	0.33	0.38	86.84	3.03
	Ant2	5775	0.32	0.37	86.49	3.13