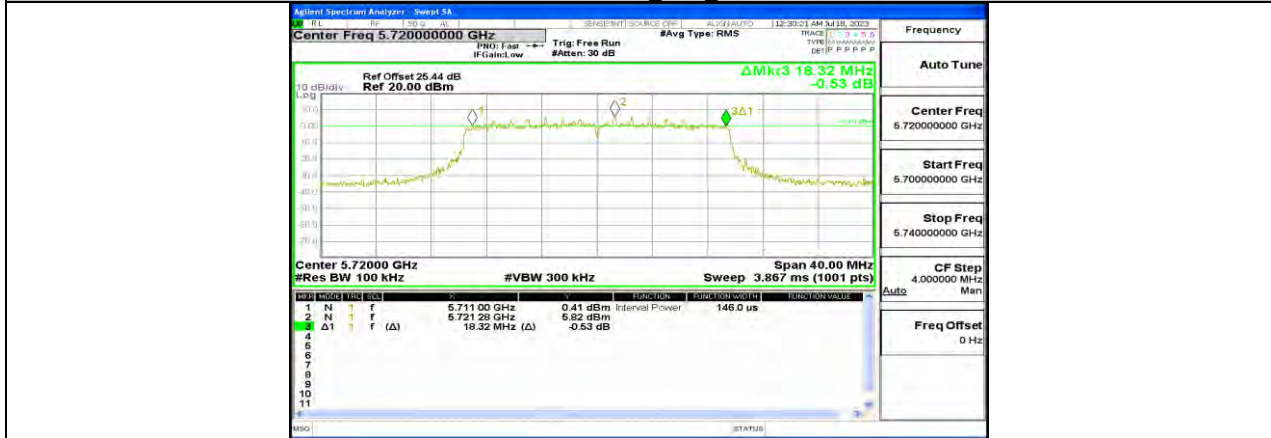




11AC80MIMO Ant0 5775



11AC80MIMO Ant1 5775



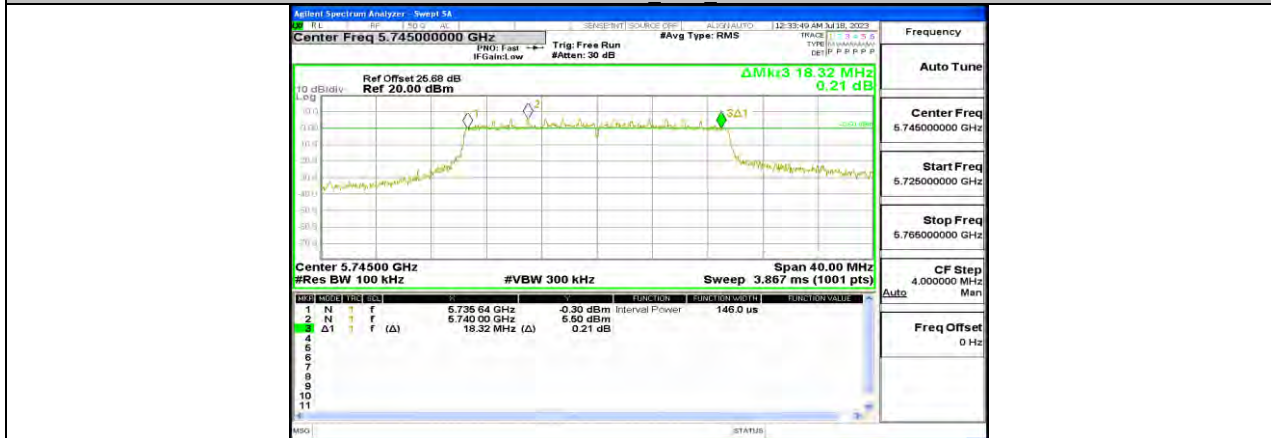
11AX20MIMO Ant0 5720



11AX20MIMO Ant1 5720



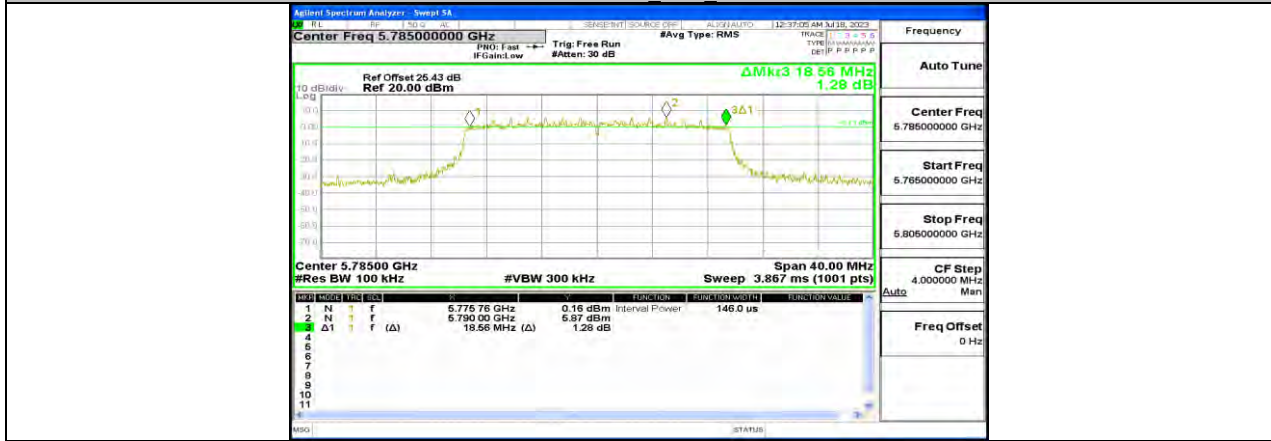
11AX20MIMO Ant0 5745



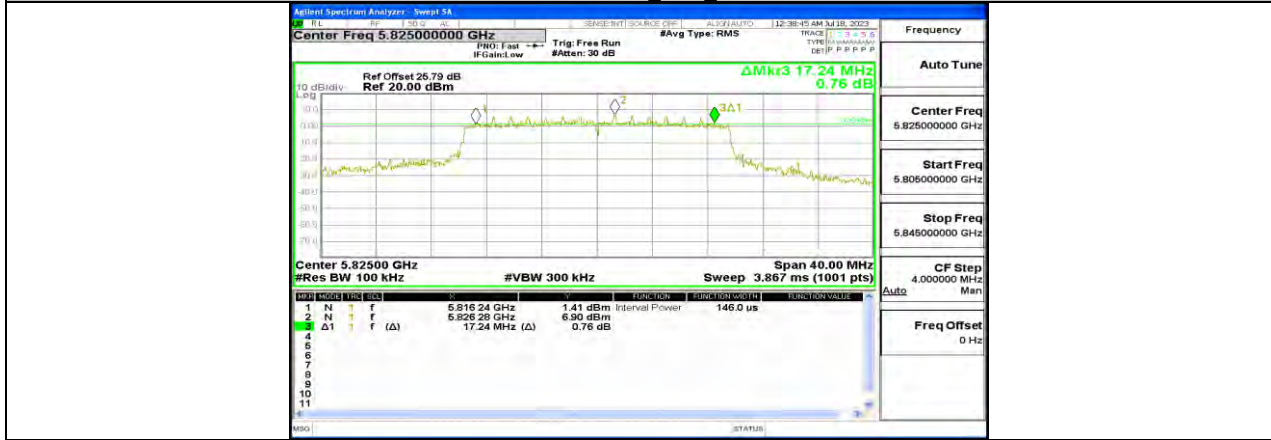
11AX20MIMO Ant1 5745



11AX20MIMO Ant0 5785



11AX20MIMO Ant1 5785



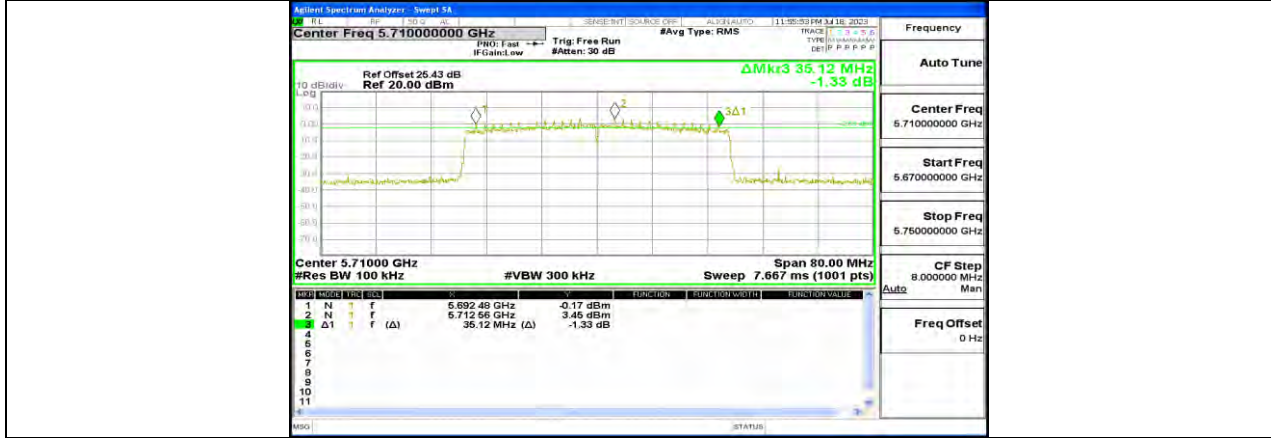
11AX20MIMO Ant0 5825



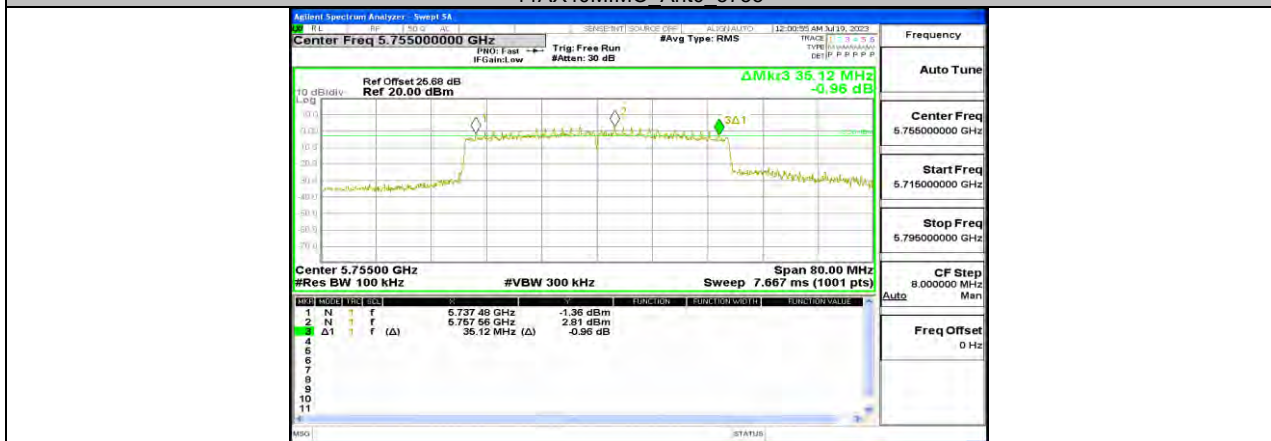
11AX20MIMO Ant1 5825



11AX40MIMO Ant0 5710



11AX40MIMO Ant1 5710



11AX40MIMO Ant0 5795



11AX40MIMO Ant1 5795



11AX80MIMO Ant0 5690



11AX80MIMO Ant1 5690



11AX80MIMO Ant0 5775



11AX80MIMO Ant1 5775

11.4. APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict	
11A	Ant0	5180	18.71	≤30.00	PASS	
	Ant1	5180	19.00	≤30.00	PASS	
	Ant0	5200	18.99	≤30.00	PASS	
	Ant1	5200	19.31	≤30.00	PASS	
	Ant0	5240	19.05	≤30.00	PASS	
	Ant1	5240	19.73	≤30.00	PASS	
	Ant0	5260	19.14	≤23.85	PASS	
	Ant1	5260	19.78	≤23.90	PASS	
	Ant0	5280	19.21	≤23.79	PASS	
	Ant1	5280	19.85	≤23.90	PASS	
	Ant0	5320	18.61	≤23.98	PASS	
	Ant1	5320	19.28	≤23.98	PASS	
	Ant0	5500	18.89	≤23.98	PASS	
	Ant1	5500	19.61	≤23.98	PASS	
	Ant0	5580	19.29	≤23.94	PASS	
	Ant1	5580	19.85	≤23.98	PASS	
	Ant0	5700	18.59	≤23.98	PASS	
	Ant1	5700	18.62	≤23.98	PASS	
	Ant0	5720 UNII-2C	17.87	≤22.75	PASS	
	Ant1	5720 UNII-2C	18.10	≤22.80	PASS	
	Ant0	5720 UNII-3	11.05	≤30.00	PASS	
	Ant1	5720 UNII-3	11.21	≤30.00	PASS	
	Ant0	5745	18.03	≤30.00	PASS	
	Ant1	5745	18.24	≤30.00	PASS	
	Ant0	5785	18.61	≤30.00	PASS	
	Ant1	5785	18.48	≤30.00	PASS	
	Ant0	5825	18.72	≤30.00	PASS	
	Ant1	5825	18.34	≤30.00	PASS	
	11N20MIMO	Ant0	5180	17.61	≤30.00	PASS
		Ant1	5180	17.96	≤30.00	PASS
total		5180	20.80	≤30.00	PASS	
Ant0		5200	17.75	≤30.00	PASS	
Ant1		5200	18.14	≤30.00	PASS	
total		5200	20.96	≤30.00	PASS	
Ant0		5240	17.59	≤30.00	PASS	
Ant1		5240	18.02	≤30.00	PASS	
total		5240	20.82	≤30.00	PASS	
Ant0		5260	16.62	≤23.98	PASS	
Ant1		5260	17.04	≤23.98	PASS	
total		5260	19.85	≤23.98	PASS	
Ant0		5280	16.69	≤23.98	PASS	
Ant1		5280	17.11	≤23.94	PASS	
total		5280	19.92	≤23.98	PASS	
Ant0		5320	16.39	≤23.98	PASS	
Ant1		5320	17.03	≤23.98	PASS	
total		5320	19.73	≤23.98	PASS	
Ant0		5500	16.40	≤23.98	PASS	
Ant1		5500	17.20	≤23.98	PASS	
total		5500	19.83	≤23.98	PASS	
Ant0		5580	16.73	≤23.98	PASS	
Ant1		5580	17.32	≤23.98	PASS	
total		5580	20.05	≤23.98	PASS	
Ant0		5700	17.15	≤23.98	PASS	
Ant1		5700	17.40	≤23.98	PASS	
total		5700	20.29	≤23.98	PASS	
Ant0		5720 UNII-2C	15.25	≤22.93	PASS	
Ant1		5720 UNII-2C	15.54	≤22.84	PASS	
total		5720 UNII-2C	18.41	≤23.98	PASS	
Ant0	5720 UNII-3	8.83	≤30.00	PASS		
Ant1	5720 UNII-3	9.01	≤30.00	PASS		
total	5720 UNII-3	11.93	≤30.00	PASS		
Ant0	5745	16.66	≤30.00	PASS		
Ant1	5745	16.86	≤30.00	PASS		
total	5745	19.77	≤30.00	PASS		

	Ant0	5785	17.13	≤30.00	PASS
	Ant1	5785	17.13	≤30.00	PASS
	total	5785	20.14	≤30.00	PASS
	Ant0	5825	17.14	≤30.00	PASS
	Ant1	5825	17.10	≤30.00	PASS
	total	5825	20.13	≤30.00	PASS
11N40MIMO	Ant0	5190	18.20	≤30.00	PASS
	Ant1	5190	18.28	≤30.00	PASS
	total	5190	21.25	≤30.00	PASS
	Ant0	5230	17.95	≤30.00	PASS
	Ant1	5230	18.24	≤30.00	PASS
	total	5230	21.11	≤30.00	PASS
	Ant0	5270	17.94	≤23.98	PASS
	Ant1	5270	18.38	≤23.98	PASS
	total	5270	21.18	≤23.98	PASS
	Ant0	5310	17.73	≤23.98	PASS
	Ant1	5310	18.19	≤23.98	PASS
	total	5310	20.98	≤23.98	PASS
	Ant0	5510	17.61	≤23.98	PASS
	Ant1	5510	18.20	≤23.98	PASS
	total	5510	20.93	≤23.98	PASS
	Ant0	5550	17.64	≤23.98	PASS
	Ant1	5550	18.18	≤23.98	PASS
	total	5550	20.93	≤23.98	PASS
	Ant0	5670	17.52	≤23.98	PASS
	Ant1	5670	17.63	≤23.98	PASS
	total	5670	20.59	≤23.98	PASS
	Ant0	5710 UNII-2C	17.16	≤23.98	PASS
	Ant1	5710 UNII-2C	17.30	≤23.98	PASS
	total	5710 UNII-2C	20.24	≤23.98	PASS
	Ant0	5710 UNII-3	4.44	≤30.00	PASS
	Ant1	5710 UNII-3	4.73	≤30.00	PASS
	total	5710 UNII-3	7.60	≤30.00	PASS
	Ant0	5755	17.11	≤30.00	PASS
	Ant1	5755	17.11	≤30.00	PASS
	total	5755	20.12	≤30.00	PASS
Ant0	5795	17.26	≤30.00	PASS	
Ant1	5795	17.08	≤30.00	PASS	
total	5795	20.18	≤30.00	PASS	
11AC80MIMO	Ant0	5210	17.77	≤30.00	PASS
	Ant1	5210	18.04	≤30.00	PASS
	total	5210	20.92	≤30.00	PASS
	Ant0	5290	17.74	≤23.98	PASS
	Ant1	5290	18.33	≤23.98	PASS
	total	5290	21.06	≤23.98	PASS
	Ant0	5530	17.15	≤23.98	PASS
	Ant1	5530	17.73	≤23.98	PASS
	total	5530	20.46	≤23.98	PASS
	Ant0	5610	17.20	≤23.98	PASS
	Ant1	5610	17.86	≤23.98	PASS
	total	5610	20.55	≤23.98	PASS
	Ant0	5690 UNII-2C	17.04	≤23.98	PASS
	Ant1	5690 UNII-2C	17.22	≤23.98	PASS
	total	5690 UNII-2C	20.14	≤23.98	PASS
	Ant0	5690 UNII-3	0.33	≤30.00	PASS
	Ant1	5690 UNII-3	0.63	≤30.00	PASS
	total	5690 UNII-3	3.49	≤30.00	PASS
	Ant0	5775	17.24	≤30.00	PASS
	Ant1	5775	17.23	≤30.00	PASS
	total	5775	20.25	≤30.00	PASS
11AC160MIMO	Ant0	5250 UNII-1	12.72	≤23.98	PASS
	Ant1	5250 UNII-1	12.89	≤23.98	PASS
	total	5250 UNII-1	15.82	≤23.98	PASS
	Ant0	5250 UNII-2A	11.49	≤23.98	PASS
	Ant1	5250 UNII-2A	11.76	≤23.98	PASS
	total	5250 UNII-2A	14.64	≤23.98	PASS
	Ant0	5570	11.96	≤23.98	PASS
	Ant1	5570	12.03	≤23.98	PASS
total	5570	15.01	≤23.98	PASS	
11AX20MIMO	Ant0	5180	17.72	≤30.00	PASS

	Ant1	5180	17.99	≤30.00	PASS
	total	5180	20.87	≤30.00	PASS
	Ant0	5200	17.91	≤30.00	PASS
	Ant1	5200	18.26	≤30.00	PASS
	total	5200	21.10	≤30.00	PASS
	Ant0	5240	17.71	≤30.00	PASS
	Ant1	5240	18.32	≤30.00	PASS
	total	5240	21.04	≤30.00	PASS
	Ant0	5260	16.63	≤23.98	PASS
	Ant1	5260	17.25	≤23.98	PASS
	total	5260	19.96	≤23.98	PASS
	Ant0	5280	16.66	≤23.98	PASS
	Ant1	5280	17.20	≤23.98	PASS
	total	5280	19.95	≤23.98	PASS
	Ant0	5320	16.56	≤23.98	PASS
	Ant1	5320	17.17	≤23.98	PASS
	total	5320	19.89	≤23.98	PASS
	Ant0	5500	16.67	≤23.98	PASS
	Ant1	5500	17.53	≤23.98	PASS
	total	5500	20.13	≤23.98	PASS
	Ant0	5580	16.91	≤23.98	PASS
	Ant1	5580	17.61	≤23.98	PASS
	total	5580	20.28	≤23.98	PASS
	Ant0	5700	17.21	≤23.98	PASS
	Ant1	5700	17.56	≤23.98	PASS
	total	5700	20.40	≤23.98	PASS
	Ant0	5720 UNII-2C	15.25	≤22.89	PASS
	Ant1	5720 UNII-2C	15.61	≤22.96	PASS
	total	5720 UNII-2C	18.44	≤23.98	PASS
	Ant0	5720 UNII-3	8.44	≤30.00	PASS
	Ant1	5720 UNII-3	8.74	≤30.00	PASS
	total	5720 UNII-3	11.60	≤30.00	PASS
	Ant0	5745	16.73	≤30.00	PASS
	Ant1	5745	17.08	≤30.00	PASS
	total	5745	19.92	≤30.00	PASS
	Ant0	5785	17.23	≤30.00	PASS
	Ant1	5785	17.24	≤30.00	PASS
	total	5785	20.25	≤30.00	PASS
	Ant0	5825	17.28	≤30.00	PASS
	Ant1	5825	17.27	≤30.00	PASS
	total	5825	20.29	≤30.00	PASS
11AX40MIMO	Ant0	5190	18.12	≤30.00	PASS
	Ant1	5190	17.64	≤30.00	PASS
	total	5190	20.90	≤30.00	PASS
	Ant0	5230	18.05	≤30.00	PASS
	Ant1	5230	17.65	≤30.00	PASS
	total	5230	20.86	≤30.00	PASS
	Ant0	5270	18.09	≤23.98	PASS
	Ant1	5270	17.80	≤23.98	PASS
	total	5270	20.96	≤23.98	PASS
	Ant0	5310	17.99	≤23.98	PASS
	Ant1	5310	17.51	≤23.98	PASS
	total	5310	20.77	≤23.98	PASS
	Ant0	5510	17.27	≤23.98	PASS
	Ant1	5510	16.93	≤23.98	PASS
	total	5510	20.11	≤23.98	PASS
	Ant0	5550	17.30	≤23.98	PASS
	Ant1	5550	17.04	≤23.98	PASS
	total	5550	20.18	≤23.98	PASS
	Ant0	5670	17.22	≤23.98	PASS
	Ant1	5670	16.37	≤23.98	PASS
	total	5670	19.83	≤23.98	PASS
	Ant0	5710 UNII-2C	17.04	≤23.98	PASS
	Ant1	5710 UNII-2C	15.69	≤23.98	PASS
	total	5710 UNII-2C	19.43	≤23.98	PASS
	Ant0	5710 UNII-3	5.47	≤30.00	PASS
	Ant1	5710 UNII-3	4.14	≤30.00	PASS
	total	5710 UNII-3	7.87	≤30.00	PASS
	Ant0	5755	16.97	≤30.00	PASS
	Ant1	5755	15.35	≤30.00	PASS

	total	5755	19.25	≤30.00	PASS	
	Ant0	5795	17.04	≤30.00	PASS	
	Ant1	5795	15.22	≤30.00	PASS	
	total	5795	19.23	≤30.00	PASS	
11AX80MIMO	Ant0	5210	18.25	≤30.00	PASS	
	Ant1	5210	17.36	≤30.00	PASS	
	total	5210	20.84	≤30.00	PASS	
	Ant0	5290	18.06	≤23.98	PASS	
	Ant1	5290	18.64	≤23.98	PASS	
	total	5290	21.37	≤23.98	PASS	
	Ant0	5530	17.59	≤23.98	PASS	
	Ant1	5530	18.23	≤23.98	PASS	
	total	5530	20.93	≤23.98	PASS	
	Ant0	5610	17.74	≤23.98	PASS	
	Ant1	5610	18.19	≤23.98	PASS	
	total	5610	20.98	≤23.98	PASS	
	Ant0	5690 UNII-2C	17.53	≤23.98	PASS	
	Ant1	5690 UNII-2C	17.51	≤23.98	PASS	
	total	5690 UNII-2C	20.53	≤23.98	PASS	
	Ant0	5690 UNII-3	1.76	≤30.00	PASS	
	Ant1	5690 UNII-3	1.67	≤30.00	PASS	
	total	5690 UNII-3	4.73	≤30.00	PASS	
	11AX160MIMO	Ant0	5775	17.57	≤30.00	PASS
		Ant1	5775	17.38	≤30.00	PASS
total		5775	20.49	≤30.00	PASS	
Ant0		5250 UNII-1	13.21	≤23.98	PASS	
Ant1		5250 UNII-1	13.15	≤23.98	PASS	
total		5250 UNII-1	16.19	≤23.98	PASS	
Ant0		5250 UNII-2A	12.21	≤23.98	PASS	
Ant1		5250 UNII-2A	12.41	≤23.98	PASS	
total		5250 UNII-2A	15.32	≤23.98	PASS	
Ant0		5570	13.18	≤23.98	PASS	
Ant1	5570	12.99	≤23.98	PASS		
total	5570	16.10	≤23.98	PASS		

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.5. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict	
11A	Ant0	5180	8.01	≤17.00	PASS	
	Ant1	5180	8.44	≤17.00	PASS	
	Ant0	5200	8.28	≤17.00	PASS	
	Ant1	5200	8.55	≤17.00	PASS	
	Ant0	5240	8.12	≤17.00	PASS	
	Ant1	5240	8.83	≤17.00	PASS	
	Ant0	5260	8.47	≤11.00	PASS	
	Ant1	5260	9.05	≤11.00	PASS	
	Ant0	5280	8.51	≤11.00	PASS	
	Ant1	5280	9.25	≤11.00	PASS	
	Ant0	5320	7.83	≤11.00	PASS	
	Ant1	5320	8.55	≤11.00	PASS	
	Ant0	5500	8.36	≤11.00	PASS	
	Ant1	5500	9	≤11.00	PASS	
	Ant0	5580	8.95	≤11.00	PASS	
	Ant1	5580	9.34	≤11.00	PASS	
	Ant0	5700	8.27	≤11.00	PASS	
	Ant1	5700	8.12	≤11.00	PASS	
	Ant0	5720 UNII-2C	8.32	≤11.00	PASS	
	Ant1	5720 UNII-2C	8.32	≤11.00	PASS	
	Ant0	5720 UNII-3	4.08	≤30.00	PASS	
	Ant1	5720 UNII-3	4.17	≤30.00	PASS	
	Ant0	5745	4.65	≤30.00	PASS	
	Ant1	5745	4.57	≤30.00	PASS	
	Ant0	5785	5.23	≤30.00	PASS	
	Ant1	5785	4.93	≤30.00	PASS	
	Ant0	5825	5.64	≤30.00	PASS	
	Ant1	5825	4.98	≤30.00	PASS	
	11N20MIMO	Ant0	5180	6.98	≤17.00	PASS
		Ant1	5180	7.35	≤17.00	PASS
total		5180	10.18	≤15.79	PASS	
Ant0		5200	7.08	≤17.00	PASS	
Ant1		5200	8	≤17.00	PASS	
total		5200	10.57	≤15.79	PASS	
Ant0		5240	7.01	≤17.00	PASS	
Ant1		5240	7.05	≤17.00	PASS	
total		5240	10.04	≤15.79	PASS	
Ant0		5260	5.86	≤11.00	PASS	
Ant1		5260	6.56	≤11.00	PASS	
total		5260	9.23	≤9.79	PASS	
Ant0		5280	6.15	≤11.00	PASS	
Ant1		5280	6.45	≤11.00	PASS	
total		5280	9.31	≤9.79	PASS	
Ant0		5320	5.61	≤11.00	PASS	
Ant1		5320	6.37	≤11.00	PASS	
total		5320	9.02	≤9.79	PASS	
Ant0		5500	5.77	≤11.00	PASS	
Ant1		5500	6.47	≤11.00	PASS	
total		5500	9.14	≤9.79	PASS	
Ant0		5580	6.11	≤11.00	PASS	
Ant1		5580	6.69	≤11.00	PASS	
total		5580	9.42	≤9.79	PASS	
Ant0		5700	6.31	≤11.00	PASS	
Ant1		5700	6.49	≤11.00	PASS	
total		5700	9.41	≤9.79	PASS	
Ant0		5720 UNII-2C	5.62	≤11.00	PASS	
Ant1		5720 UNII-2C	6.17	≤11.00	PASS	
total		5720 UNII-2C	8.91	≤9.79	PASS	
Ant0	5720 UNII-3	1.31	≤30.00	PASS		
Ant1	5720 UNII-3	1.41	≤28.79	PASS		
total	5720 UNII-3	4.37	≤9.79	PASS		
Ant0	5745	2.82	≤30.00	PASS		
Ant1	5745	3.12	≤30.00	PASS		
total	5745	5.98	≤28.79	PASS		

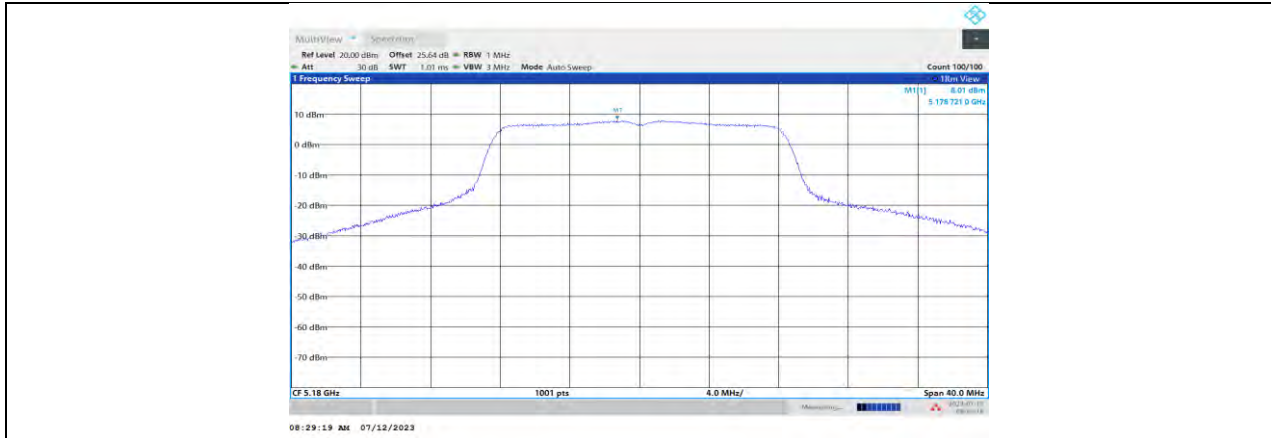
	Ant0	5785	3.62	≤30.00	PASS	
	Ant1	5785	3.66	≤30.00	PASS	
	total	5785	6.65	≤28.79	PASS	
	Ant0	5825	3.77	≤30.00	PASS	
	Ant1	5825	3.36	≤30.00	PASS	
	total	5825	6.58	≤28.79	PASS	
11N40MIMO	Ant0	5190	5.29	≤17.00	PASS	
	Ant1	5190	5.08	≤17.00	PASS	
	total	5190	8.20	≤15.79	PASS	
	Ant0	5230	4.82	≤17.00	PASS	
	Ant1	5230	5.17	≤17.00	PASS	
	total	5230	8.01	≤15.79	PASS	
	Ant0	5270	4.66	≤11.00	PASS	
	Ant1	5270	5.6	≤11.00	PASS	
	total	5270	8.17	≤9.79	PASS	
	Ant0	5310	4.26	≤11.00	PASS	
	Ant1	5310	5.3	≤11.00	PASS	
	total	5310	7.82	≤9.79	PASS	
	Ant0	5510	4.72	≤11.00	PASS	
	Ant1	5510	4.97	≤11.00	PASS	
	total	5510	7.86	≤9.79	PASS	
	Ant0	5550	4.51	≤11.00	PASS	
	Ant1	5550	5.02	≤11.00	PASS	
	total	5550	7.78	≤9.79	PASS	
	Ant0	5670	4.27	≤11.00	PASS	
	Ant1	5670	4.28	≤11.00	PASS	
	total	5670	7.29	≤9.79	PASS	
		Ant0	5710 UNII-2C	4.28	≤11.00	PASS
		Ant1	5710 UNII-2C	4.44	≤11.00	PASS
		total	5710 UNII-2C	7.37	≤9.79	PASS
		Ant0	5710 UNII-3	-2.08	≤30.00	PASS
		Ant1	5710 UNII-3	-1.55	≤28.79	PASS
		total	5710 UNII-3	1.20	≤9.79	PASS
		Ant0	5755	1.22	≤30.00	PASS
		Ant1	5755	1.41	≤30.00	PASS
		total	5755	4.33	≤28.79	PASS
	Ant0	5795	1.17	≤30.00	PASS	
	Ant1	5795	0.9	≤30.00	PASS	
	total	5795	4.05	≤28.79	PASS	
11AC80MIMO	Ant0	5210	2.09	≤17.00	PASS	
	Ant1	5210	2.17	≤17.00	PASS	
	total	5210	5.14	≤15.79	PASS	
	Ant0	5290	2	≤11.00	PASS	
	Ant1	5290	2.26	≤11.00	PASS	
	total	5290	5.14	≤9.79	PASS	
	Ant0	5530	0.58	≤11.00	PASS	
	Ant1	5530	1.58	≤11.00	PASS	
	total	5530	4.12	≤9.79	PASS	
	Ant0	5610	1.23	≤11.00	PASS	
	Ant1	5610	2.02	≤11.00	PASS	
	total	5610	4.65	≤9.79	PASS	
	Ant0	5690 UNII-2C	1.76	≤11.00	PASS	
	Ant1	5690 UNII-2C	1.64	≤11.00	PASS	
	total	5690 UNII-2C	4.71	≤9.79	PASS	
	Ant0	5690 UNII-3	-5.4	≤30.00	PASS	
	Ant1	5690 UNII-3	-4.88	≤28.79	PASS	
	total	5690 UNII-3	-2.12	≤9.79	PASS	
		Ant0	5775	-1.74	≤30.00	PASS
		Ant1	5775	-1.74	≤30.00	PASS
		total	5775	1.27	≤28.79	PASS
11AC160MIMO	Ant0	5250 UNII-1	-3.07	≤11.00	PASS	
	Ant1	5250 UNII-1	-3.02	≤11.00	PASS	
	total	5250 UNII-1	-0.03	≤9.79	PASS	
	Ant0	5250 UNII-2A	-3.33	≤11.00	PASS	
	Ant1	5250 UNII-2A	-2.55	≤9.79	PASS	
	total	5250 UNII-2A	0.09	≤9.79	PASS	
	Ant0	5570	-6.36	≤11.00	PASS	
	Ant1	5570	-6.03	≤11.00	PASS	
	total	5570	-3.18	≤9.79	PASS	
11AX20MIMO	Ant0	5180	6.77	≤17.00	PASS	

	Ant1	5180	7.18	≤17.00	PASS
	total	5180	9.99	≤15.79	PASS
	Ant0	5200	7.14	≤17.00	PASS
	Ant1	5200	7.47	≤17.00	PASS
	total	5200	10.32	≤15.79	PASS
	Ant0	5240	6.73	≤17.00	PASS
	Ant1	5240	7.69	≤17.00	PASS
	total	5240	10.25	≤15.79	PASS
	Ant0	5260	5.69	≤11.00	PASS
	Ant1	5260	6.69	≤11.00	PASS
	total	5260	9.23	≤9.79	PASS
	Ant0	5280	5.83	≤11.00	PASS
	Ant1	5280	6.34	≤11.00	PASS
	total	5280	9.10	≤9.79	PASS
	Ant0	5320	5.69	≤11.00	PASS
	Ant1	5320	6.1	≤11.00	PASS
	total	5320	8.91	≤9.79	PASS
	Ant0	5500	5.51	≤11.00	PASS
	Ant1	5500	6.74	≤11.00	PASS
	total	5500	9.18	≤9.79	PASS
	Ant0	5580	6.52	≤11.00	PASS
	Ant1	5580	6.85	≤11.00	PASS
	total	5580	9.70	≤9.79	PASS
	Ant0	5700	6.35	≤11.00	PASS
	Ant1	5700	6.74	≤11.00	PASS
	total	5700	9.56	≤9.79	PASS
	Ant0	5720 UNII-2C	5.25	≤11.00	PASS
	Ant1	5720 UNII-2C	5.93	≤11.00	PASS
	total	5720 UNII-2C	8.61	≤9.79	PASS
	Ant0	5720 UNII-3	1.85	≤30.00	PASS
	Ant1	5720 UNII-3	2	≤28.79	PASS
	total	5720 UNII-3	4.94	≤9.79	PASS
	Ant0	5745	3.16	≤30.00	PASS
	Ant1	5745	3.73	≤30.00	PASS
	total	5745	6.46	≤28.79	PASS
	Ant0	5785	3.63	≤30.00	PASS
	Ant1	5785	3.66	≤30.00	PASS
	total	5785	6.66	≤28.79	PASS
	Ant0	5825	3.75	≤30.00	PASS
	Ant1	5825	3.98	≤30.00	PASS
	total	5825	6.88	≤28.79	PASS
11AX40MIMO	Ant0	5190	4.75	≤17.00	PASS
	Ant1	5190	4.54	≤17.00	PASS
	total	5190	7.66	≤15.79	PASS
	Ant0	5230	5.22	≤17.00	PASS
	Ant1	5230	4.72	≤17.00	PASS
	total	5230	7.99	≤15.79	PASS
	Ant0	5270	5	≤11.00	PASS
	Ant1	5270	4.69	≤11.00	PASS
	total	5270	7.86	≤9.79	PASS
	Ant0	5310	4.74	≤11.00	PASS
	Ant1	5310	4.18	≤11.00	PASS
	total	5310	7.48	≤9.79	PASS
	Ant0	5510	3.97	≤11.00	PASS
	Ant1	5510	3.79	≤11.00	PASS
	total	5510	6.89	≤9.79	PASS
	Ant0	5550	3.91	≤11.00	PASS
	Ant1	5550	3.75	≤11.00	PASS
	total	5550	6.84	≤9.79	PASS
	Ant0	5670	4.04	≤11.00	PASS
	Ant1	5670	3.25	≤11.00	PASS
	total	5670	6.67	≤9.79	PASS
	Ant0	5710 UNII-2C	4.02	≤11.00	PASS
	Ant1	5710 UNII-2C	2.65	≤11.00	PASS
	total	5710 UNII-2C	6.40	≤9.79	PASS
	Ant0	5710 UNII-3	-0.88	≤30.00	PASS
	Ant1	5710 UNII-3	-3.15	≤28.79	PASS
	total	5710 UNII-3	1.14	≤9.79	PASS
Ant0	5755	1.04	≤30.00	PASS	
Ant1	5755	-0.59	≤30.00	PASS	

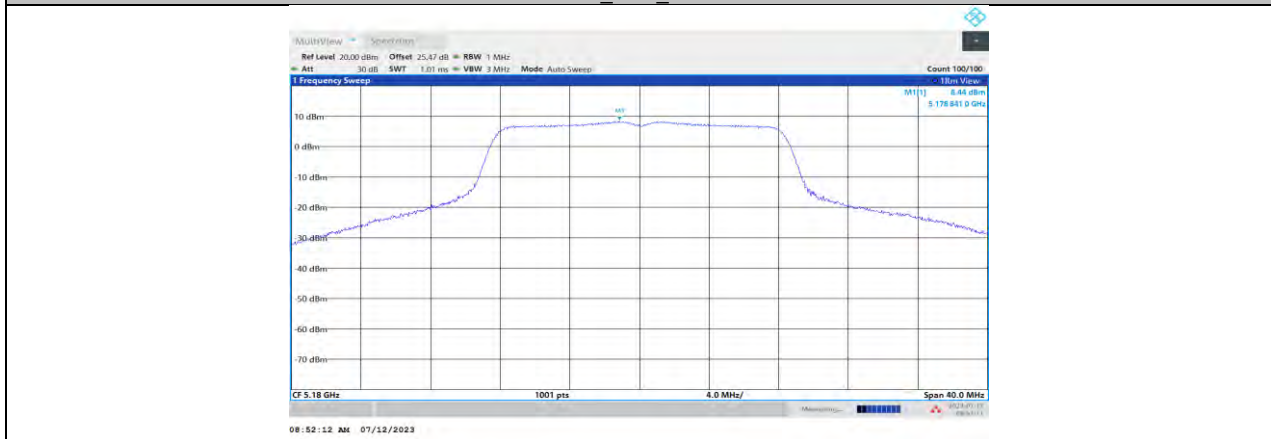
	total	5755	3.31	≤28.79	PASS	
	Ant0	5795	1.25	≤30.00	PASS	
	Ant1	5795	-0.38	≤30.00	PASS	
	total	5795	3.52	≤28.79	PASS	
11AX80MIMO	Ant0	5210	1.98	≤17.00	PASS	
	Ant1	5210	1.01	≤17.00	PASS	
	total	5210	4.53	≤15.79	PASS	
	Ant0	5290	1.84	≤11.00	PASS	
	Ant1	5290	2.07	≤11.00	PASS	
	total	5290	4.97	≤9.79	PASS	
	Ant0	5530	1.9	≤11.00	PASS	
	Ant1	5530	2.26	≤11.00	PASS	
	total	5530	5.09	≤9.79	PASS	
	Ant0	5610	1.95	≤11.00	PASS	
	Ant1	5610	1.82	≤11.00	PASS	
	total	5610	4.90	≤9.79	PASS	
	Ant0	5690 UNII-2C	1.65	≤11.00	PASS	
	Ant1	5690 UNII-2C	1.6	≤11.00	PASS	
	total	5690 UNII-2C	4.64	≤9.79	PASS	
	Ant0	5690 UNII-3	-4.16	≤30.00	PASS	
	Ant1	5690 UNII-3	-4.69	≤28.79	PASS	
	total	5690 UNII-3	-1.41	≤9.79	PASS	
	11AX160MIMO	Ant0	5775	-1.86	≤30.00	PASS
		Ant1	5775	-1.2	≤30.00	PASS
total		5775	1.49	≤28.79	PASS	
Ant0		5250 UNII-1	-3.12	≤11.00	PASS	
Ant1		5250 UNII-1	-2.64	≤11.00	PASS	
total		5250 UNII-1	0.14	≤9.79	PASS	
Ant0		5250 UNII-2A	-3.02	≤11.00	PASS	
Ant1		5250 UNII-2A	-2.79	≤9.79	PASS	
total		5250 UNII-2A	0.11	≤9.79	PASS	
Ant0		5570	-5.68	≤11.00	PASS	
Ant1	5570	-5.6	≤11.00	PASS		
total	5570	-2.63	≤9.79	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.

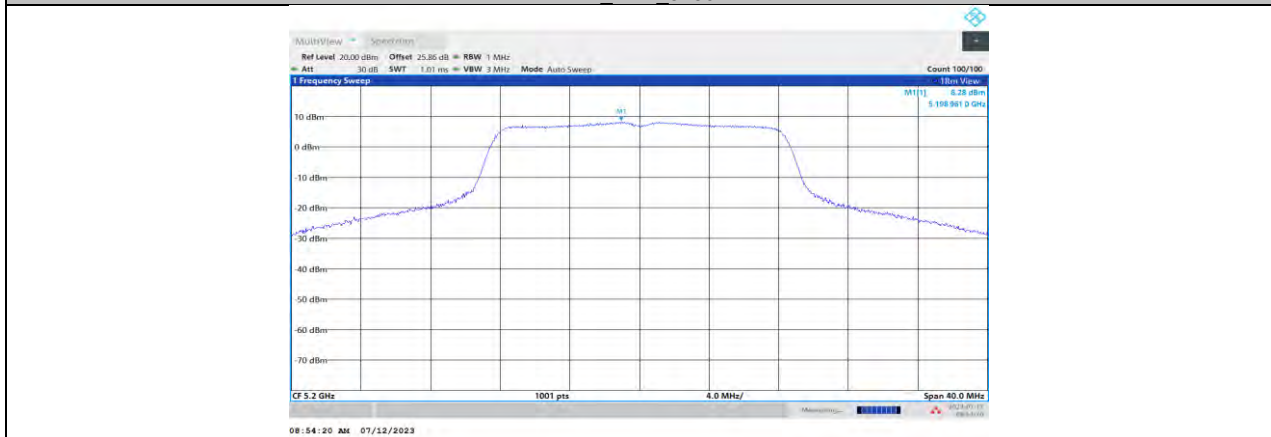
11.5.2. Test Graphs



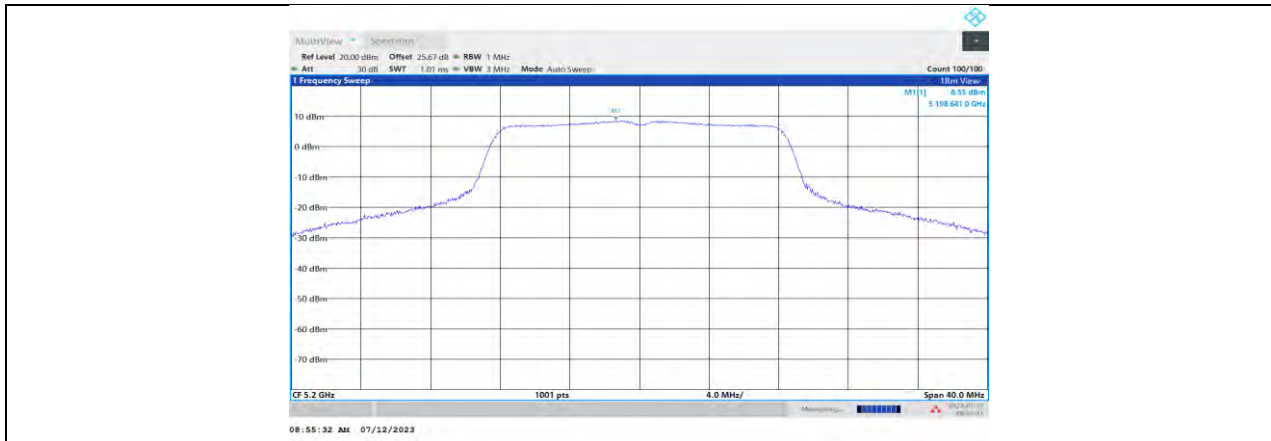
11A_Ant0_5180



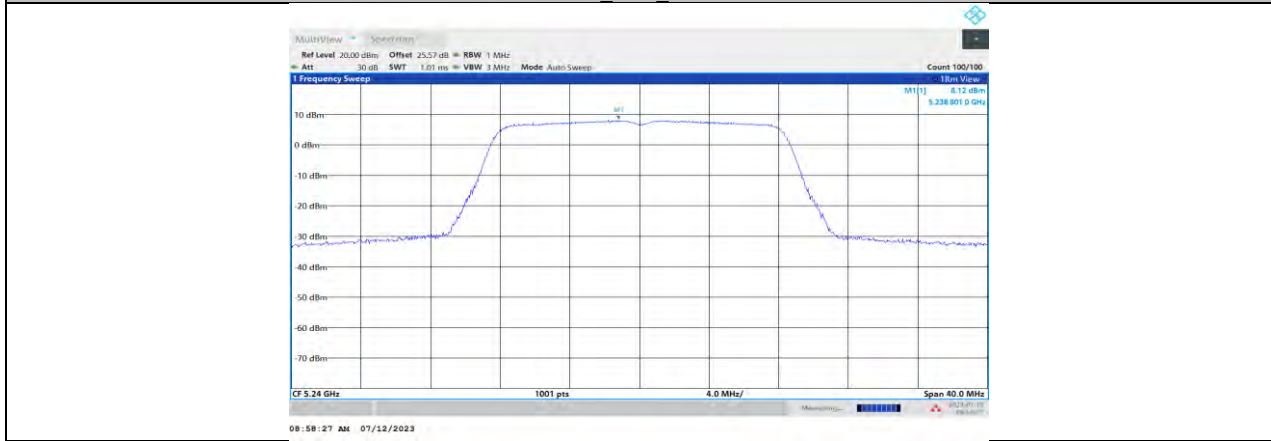
11A_Ant1_5180



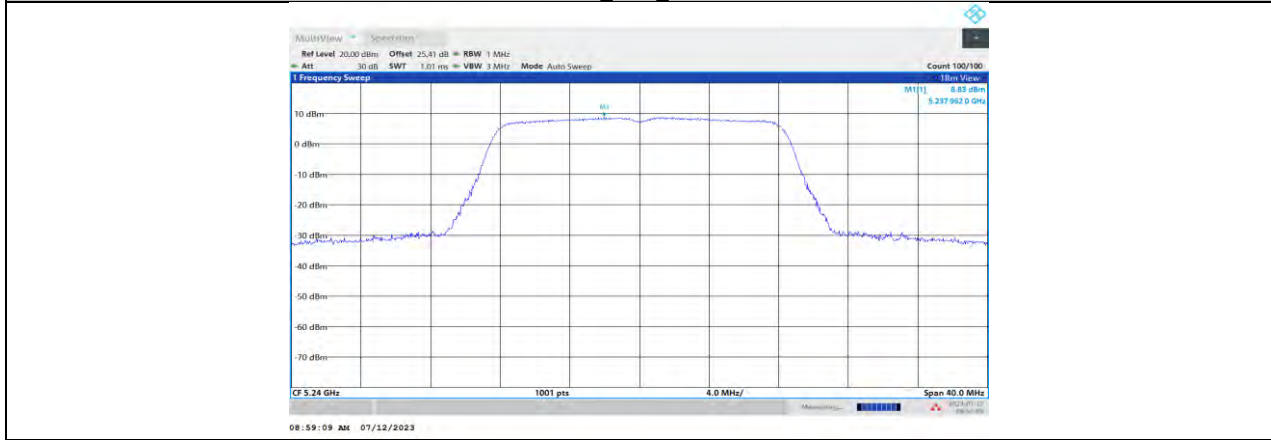
11A_Ant0_5200



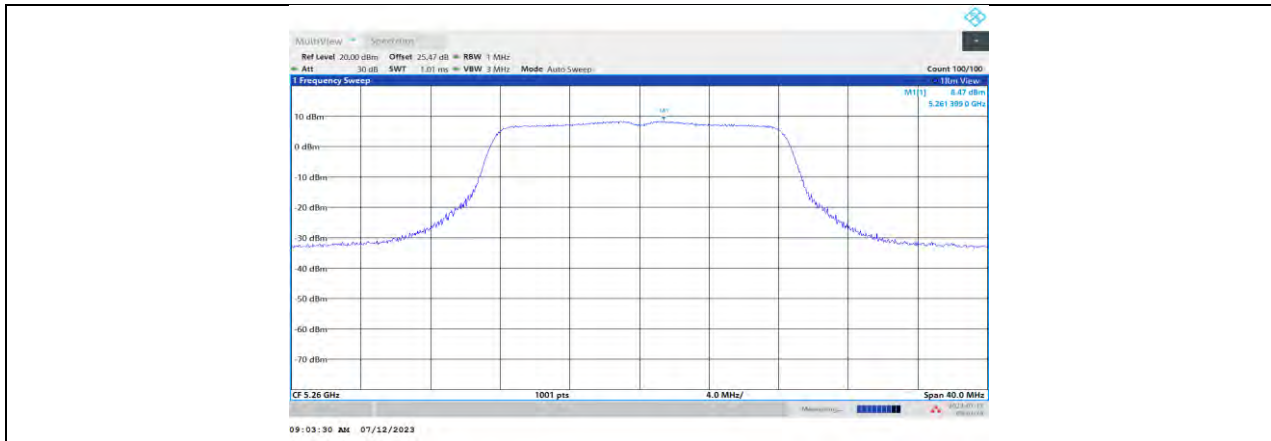
11A Ant1 5200



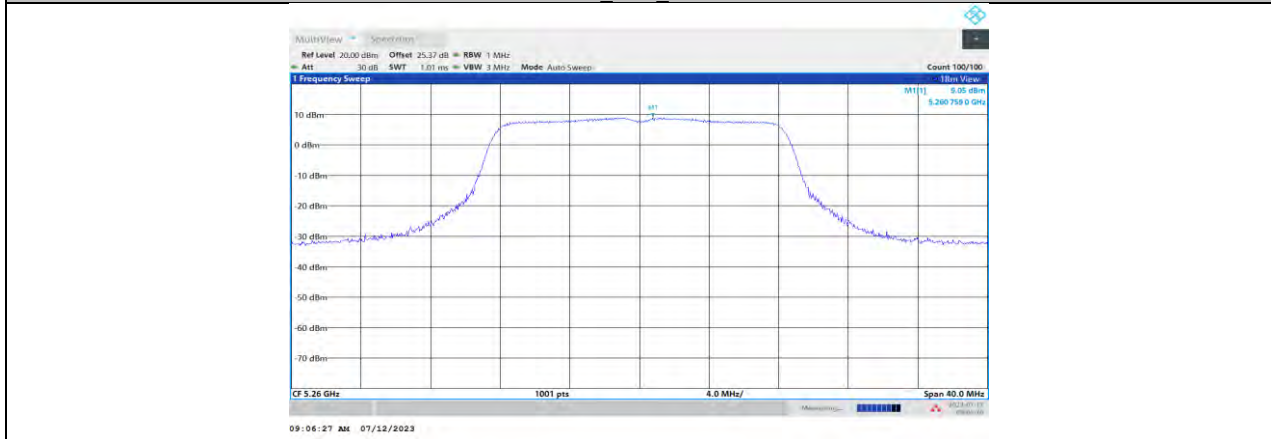
11A Ant0 5240



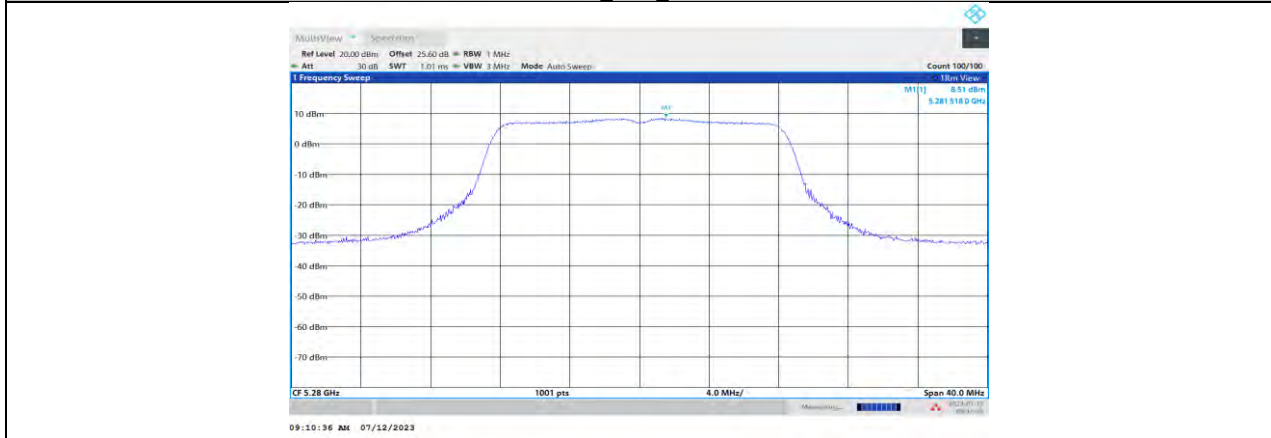
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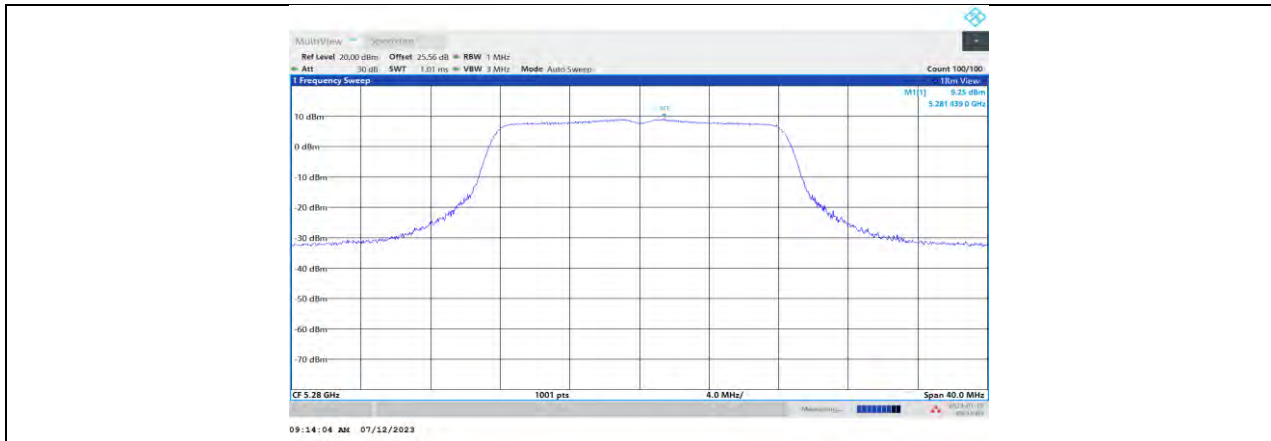
11A Ant0 5260



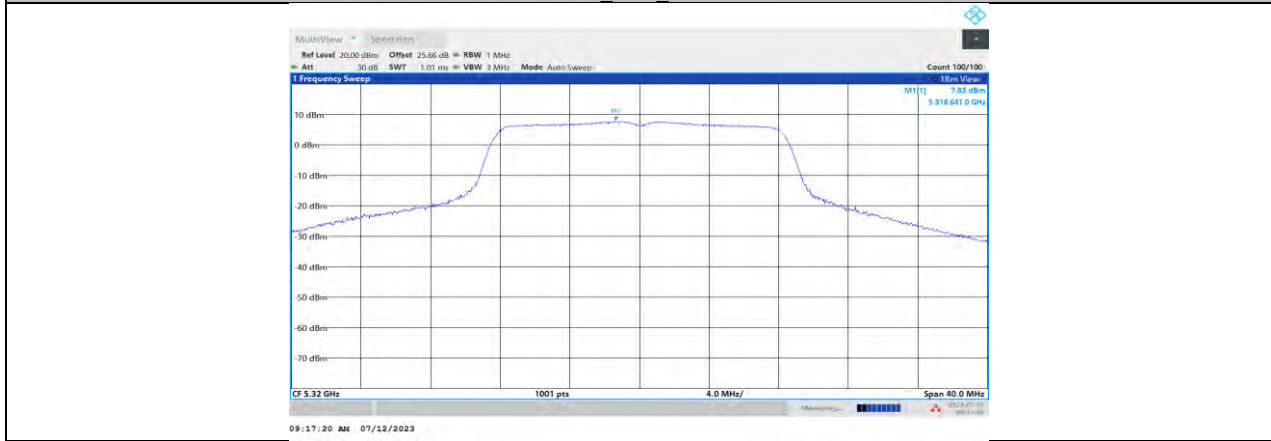
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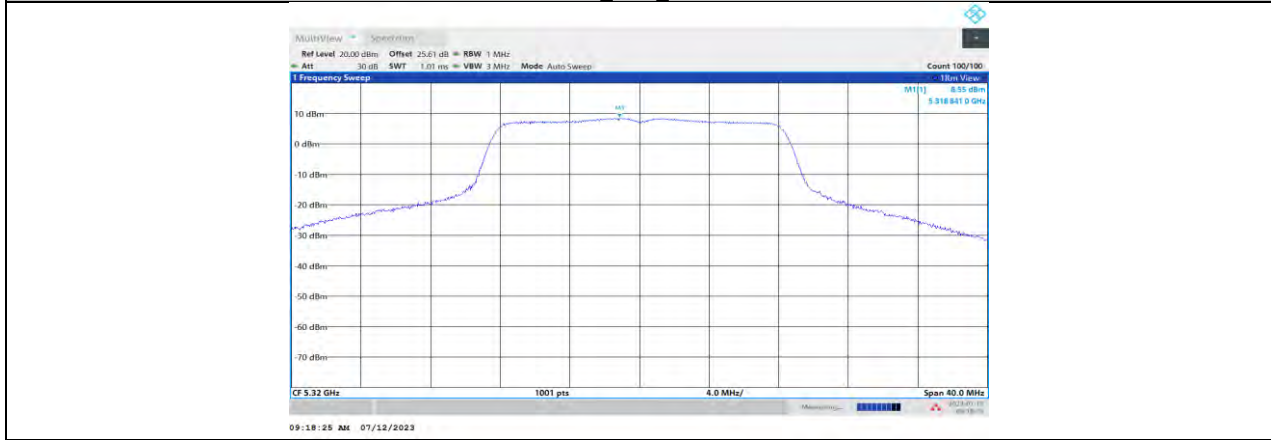
11A Ant0 5280



11A Ant1 5280



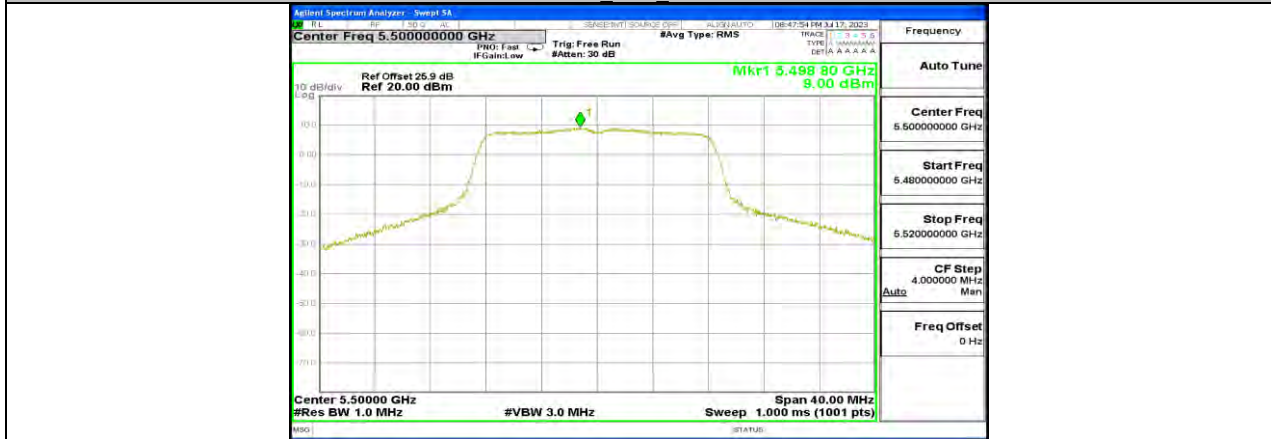
11A Ant0 5320



11A Ant1 5320



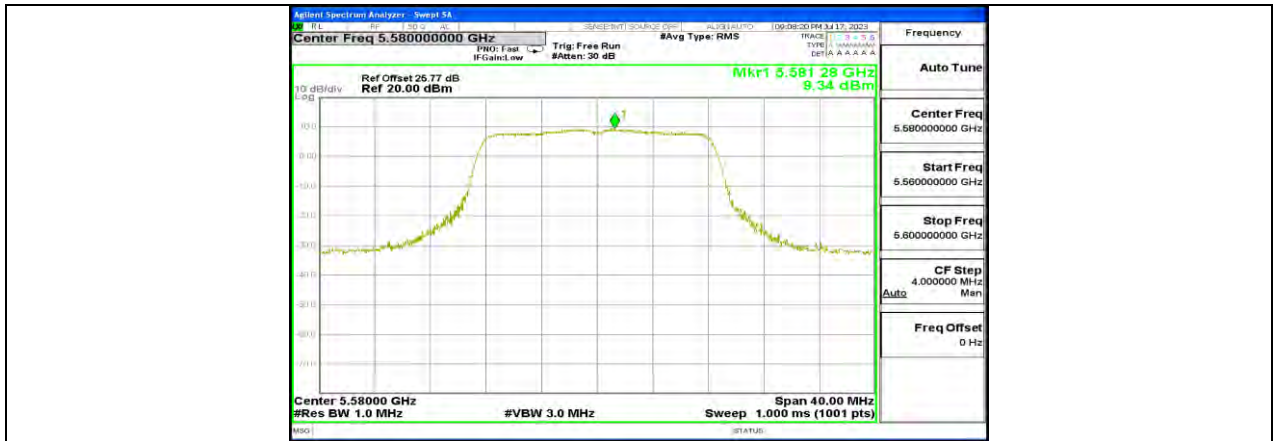
11A Ant0 5500



11A Ant1 5500



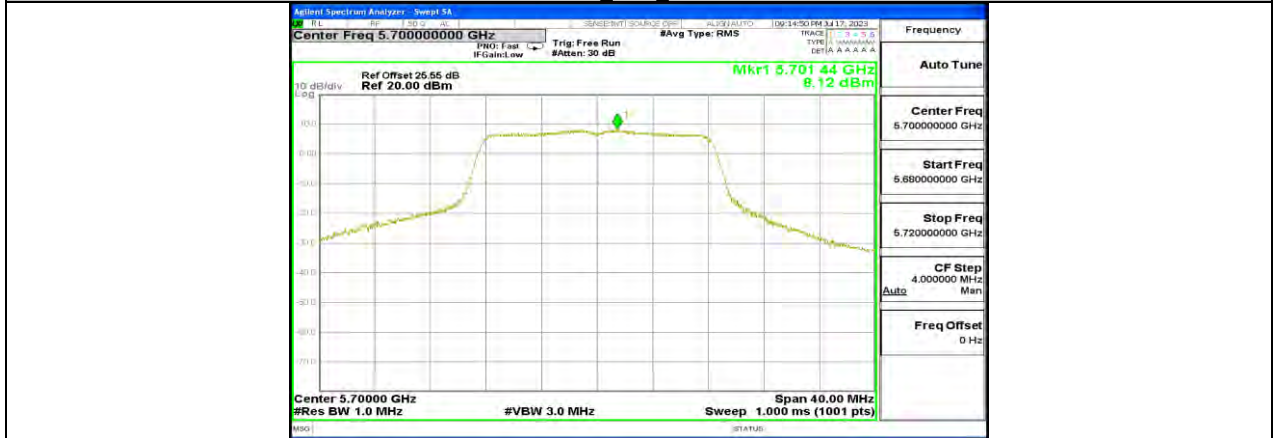
11A Ant0 5580



11A Ant1 5580



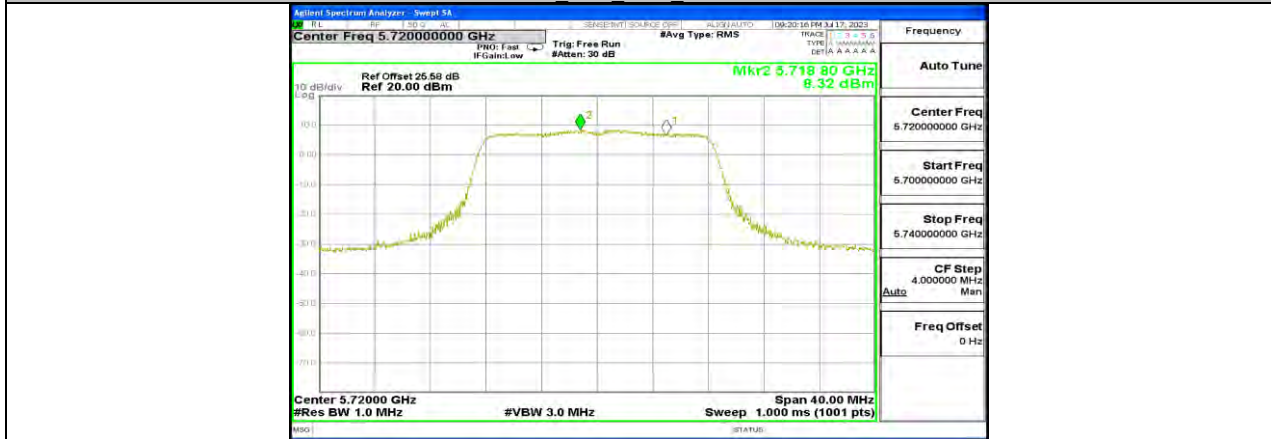
11A Ant0 5700



11A Ant1 5700



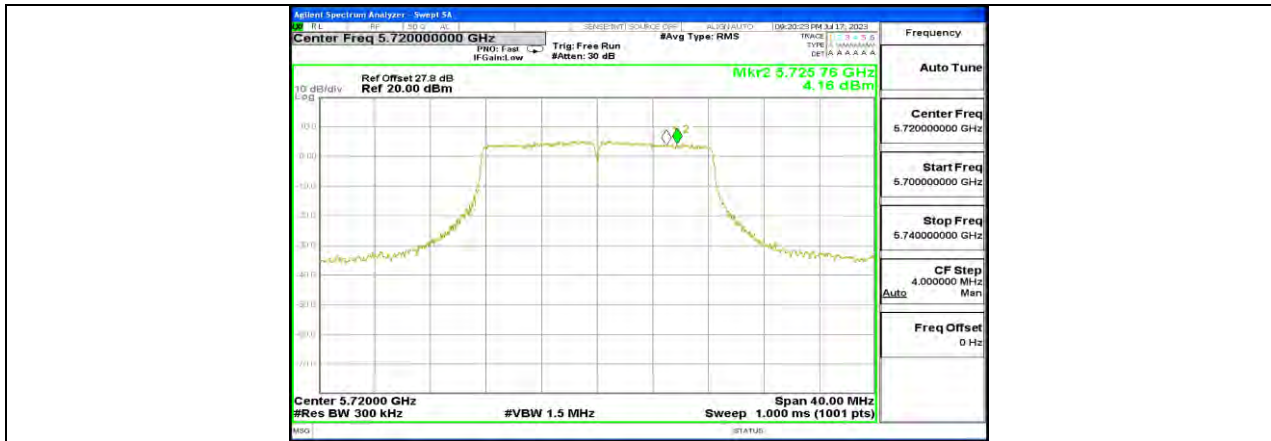
11A Ant0 5720 UNII-2C



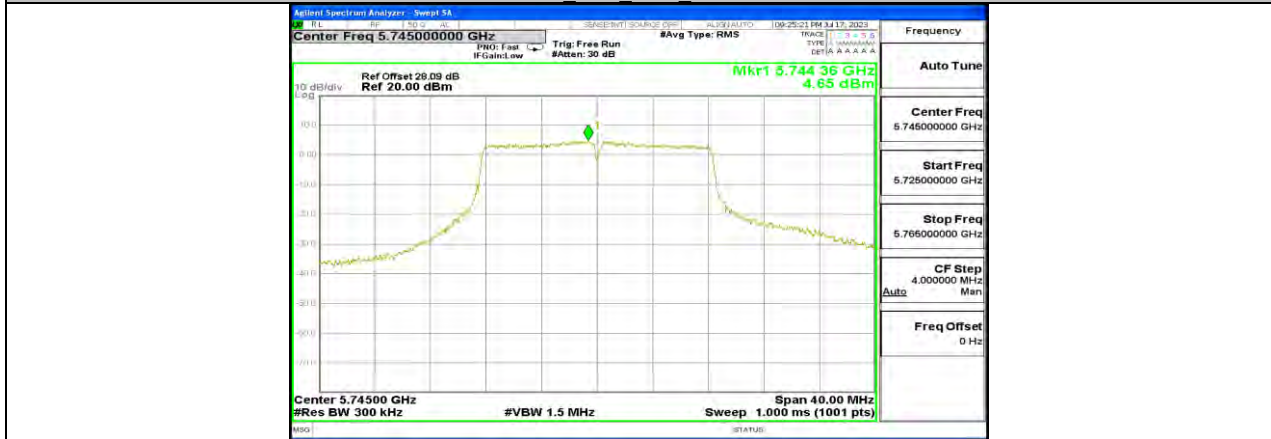
11A Ant1 5720 UNII-2C



11A Ant0 5720 UNII-3



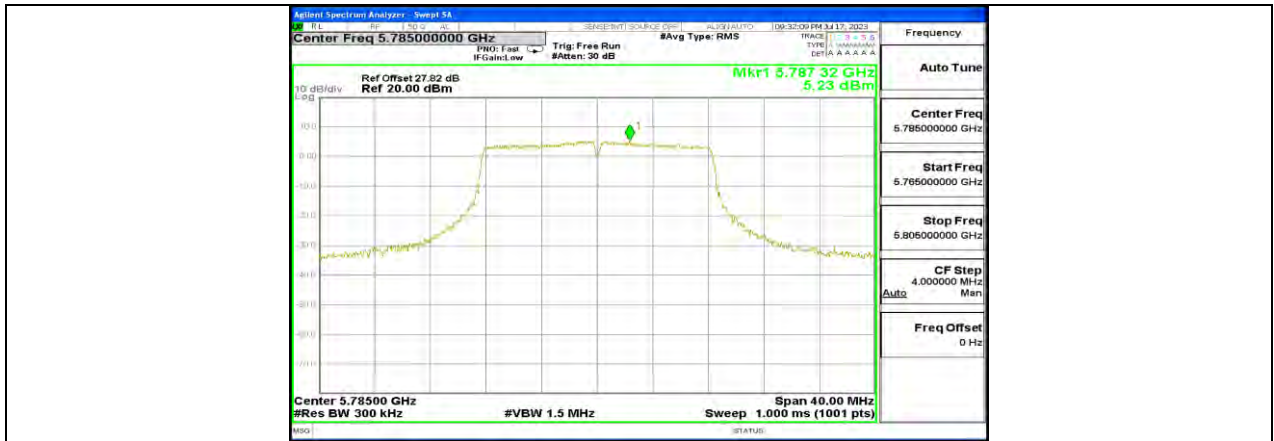
11A Ant1 5720 UNII-3



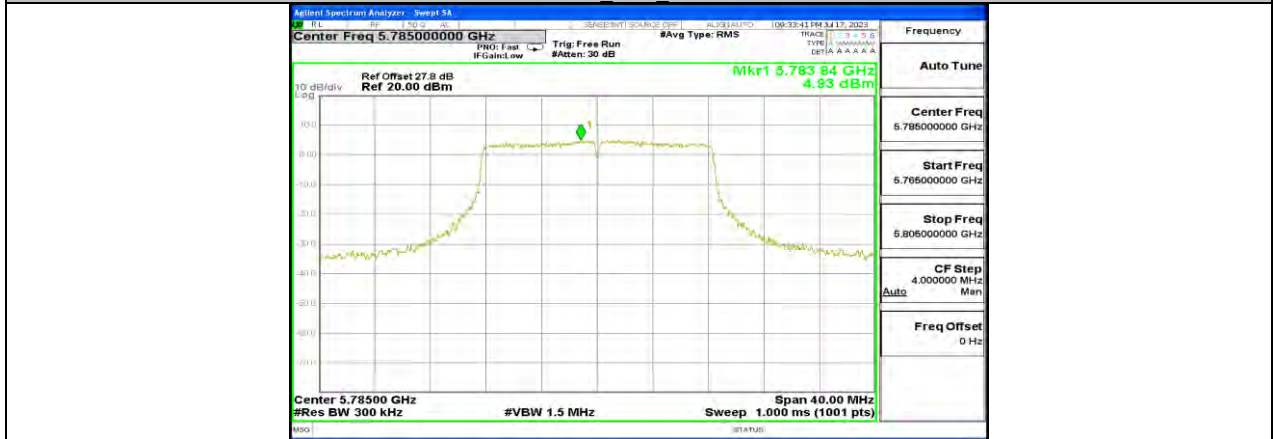
11A Ant0 5745



11A Ant1 5745



11A Ant0 5785



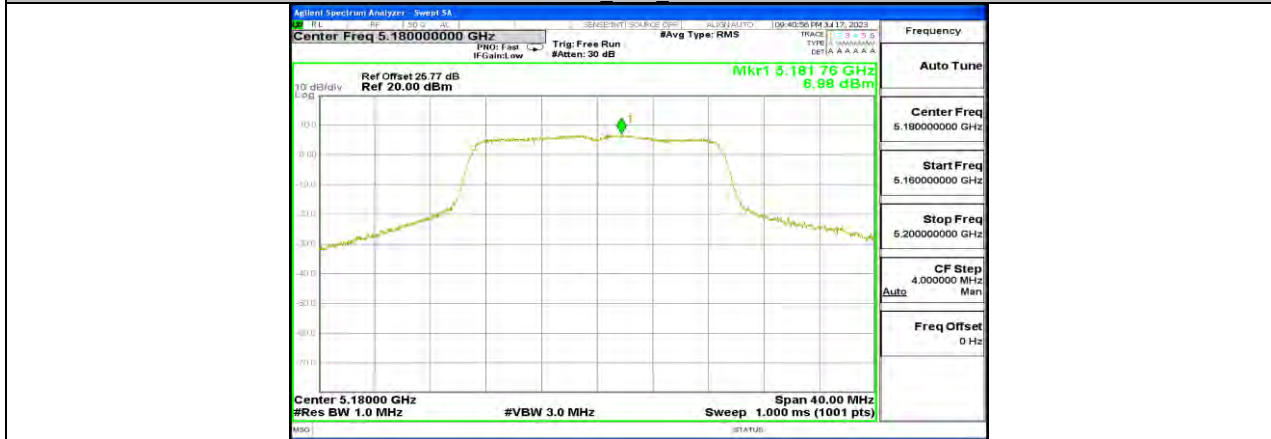
11A Ant1 5785



11A Ant0 5825



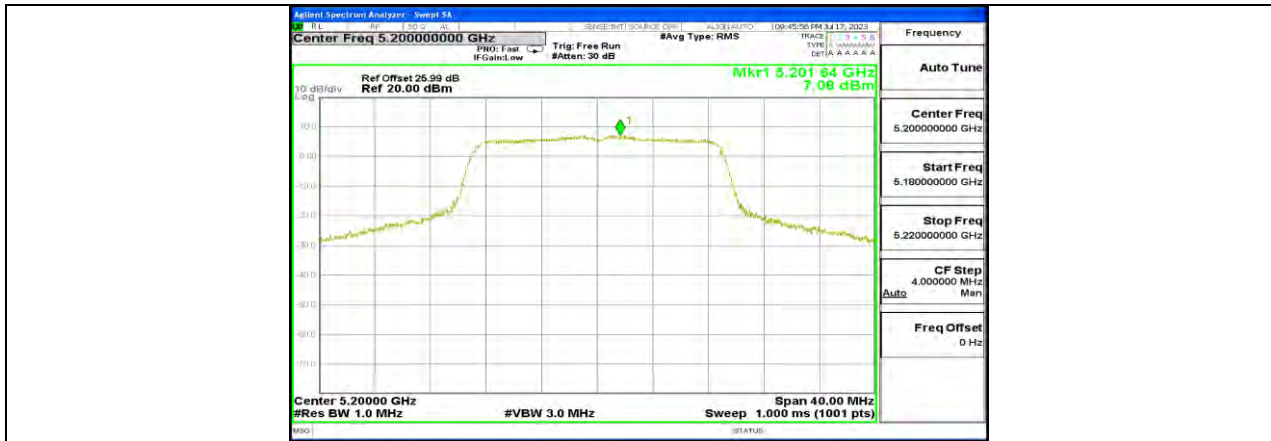
11A Ant1 5825



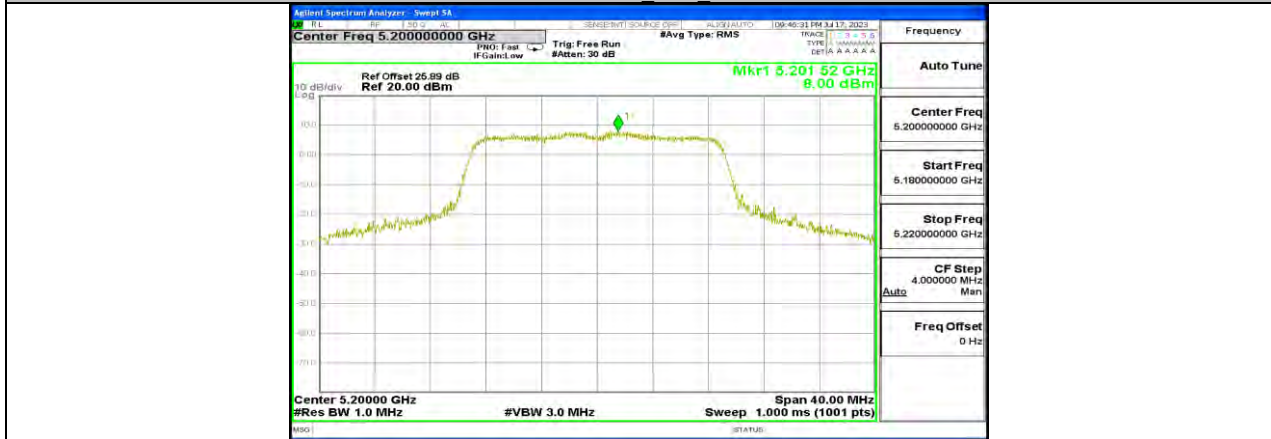
11N20MIMO Ant0 5180



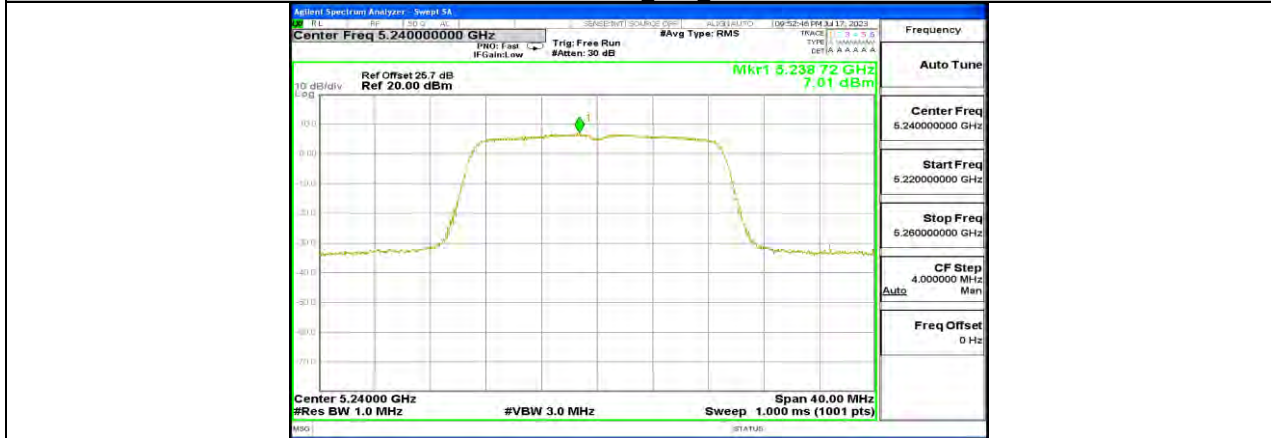
11N20MIMO Ant1 5180



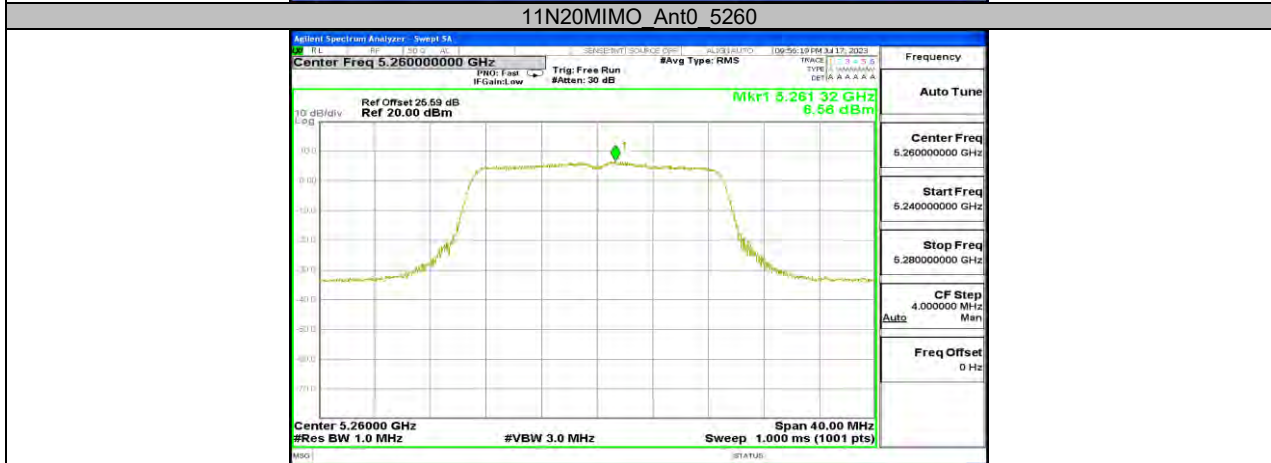
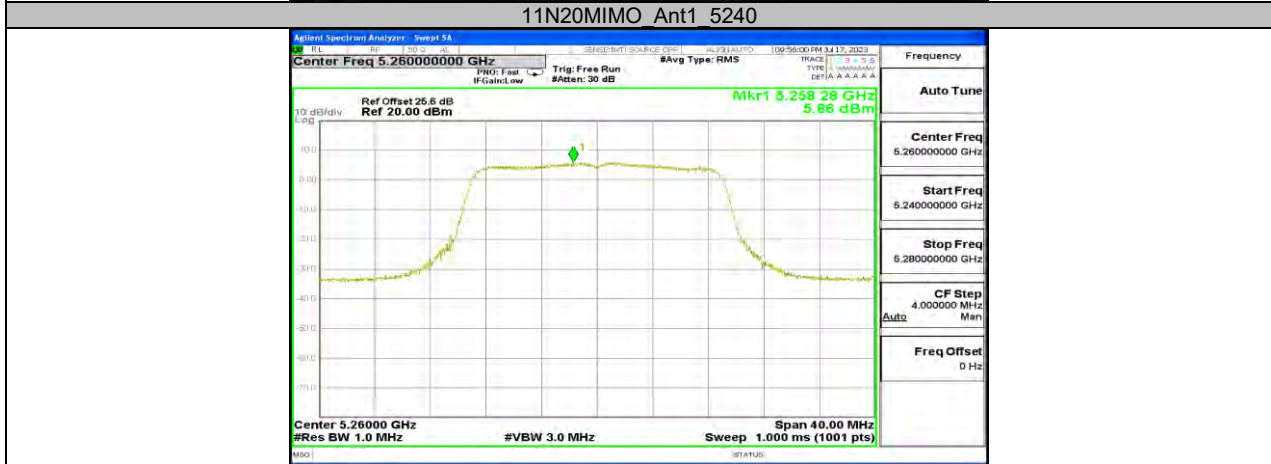
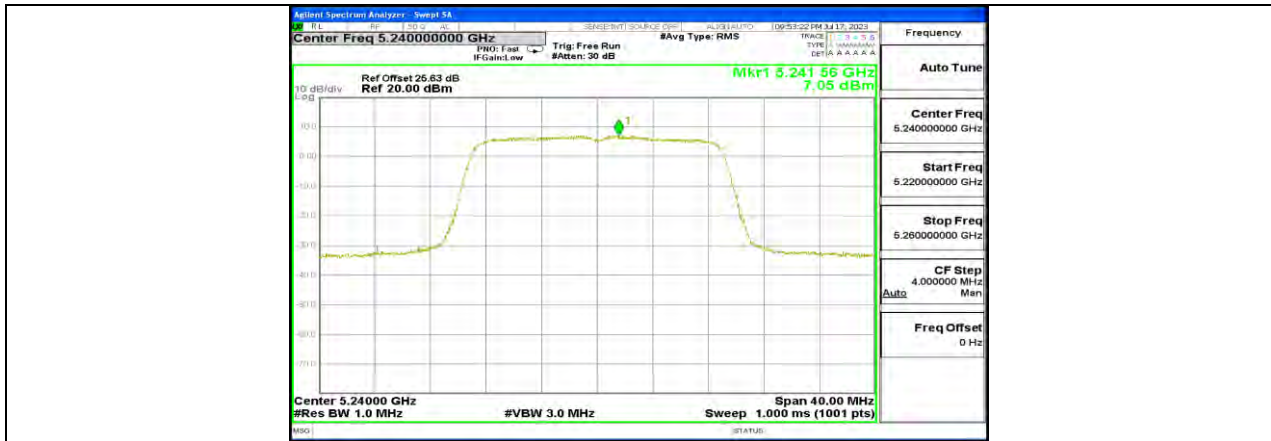
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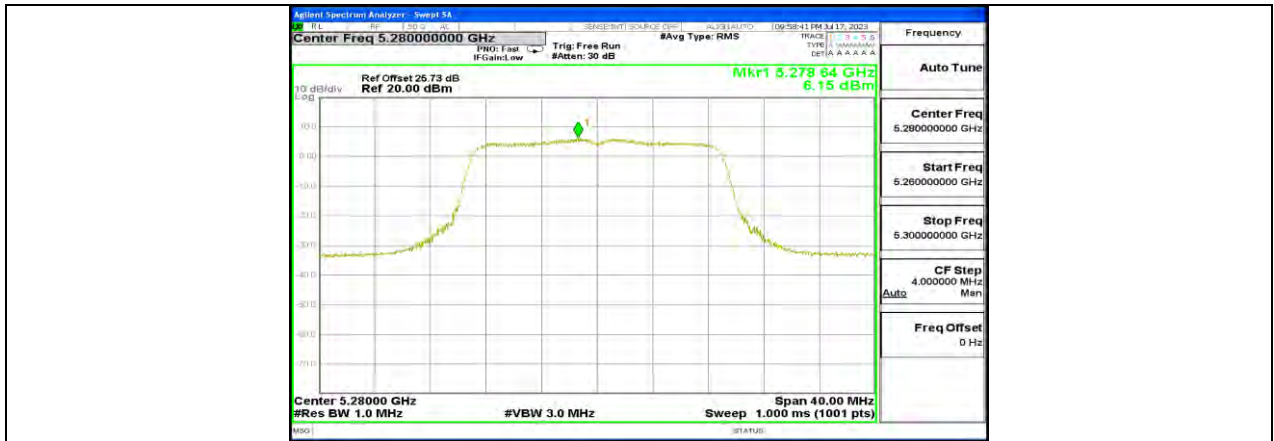


11N20MIMO Ant1 5200

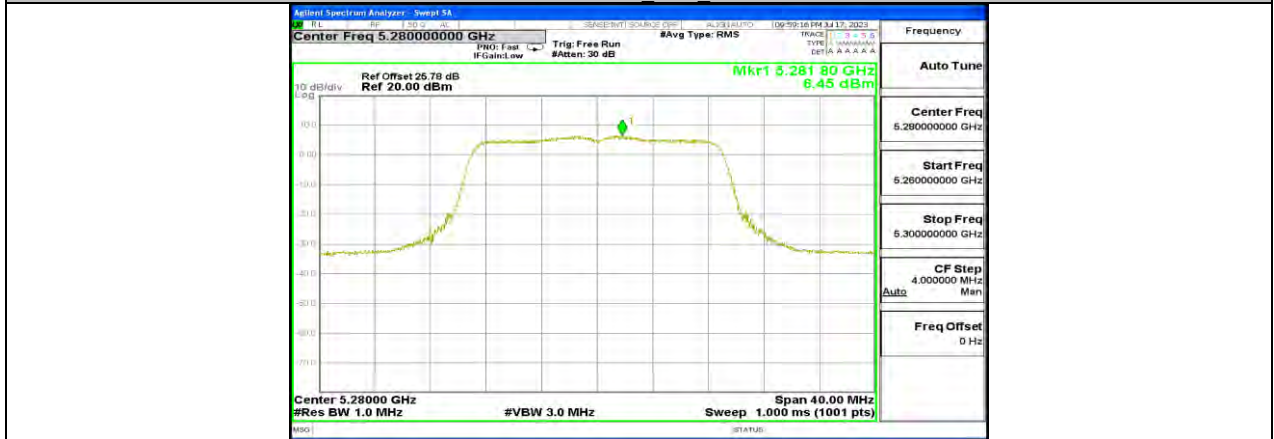


11N20MIMO Ant0 5240

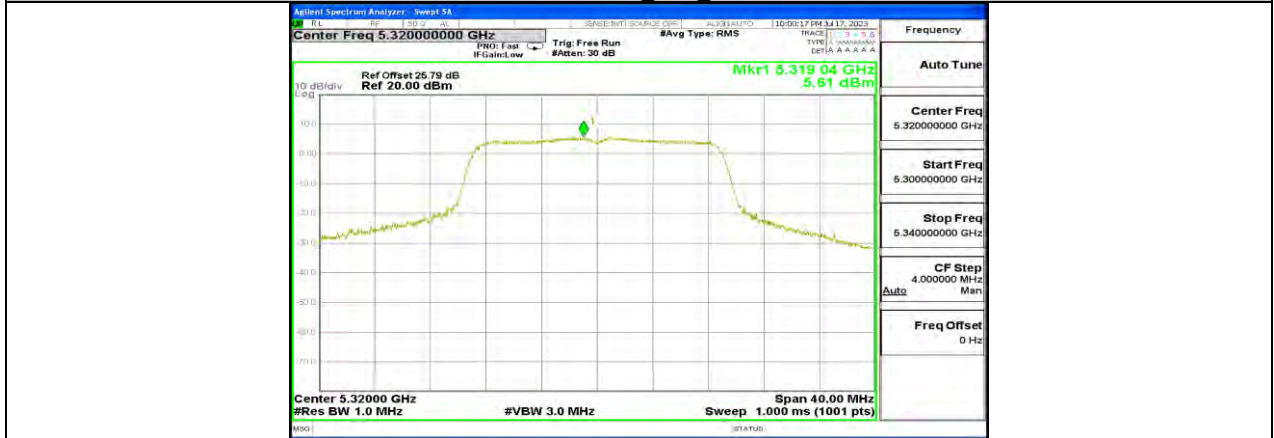




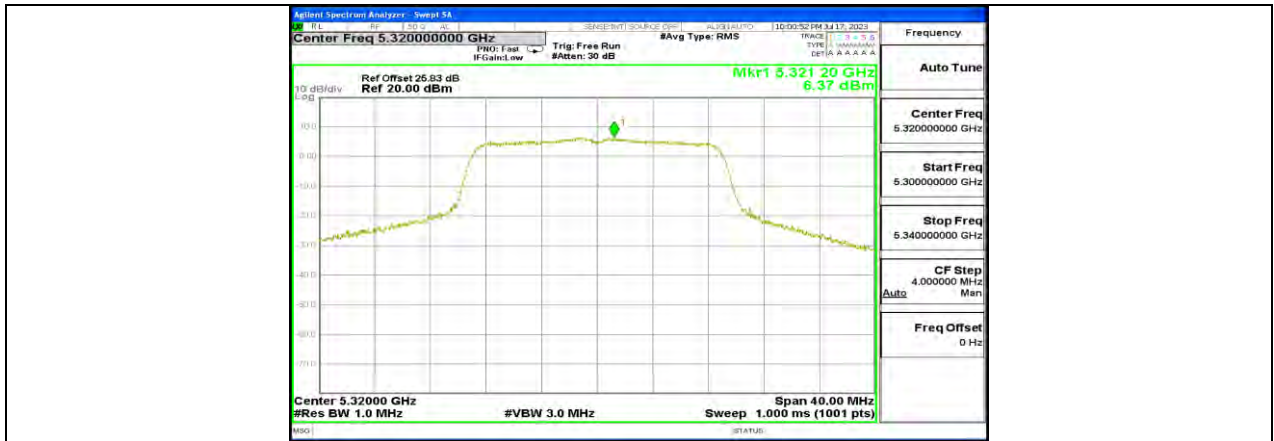
11N20MIMO Ant0 5280



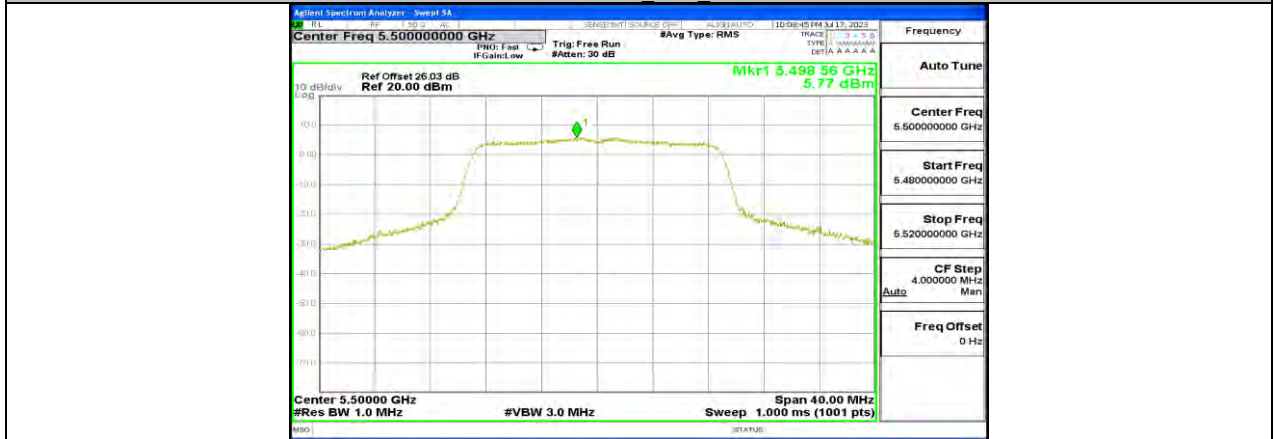
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11N20MIMO Ant0 5320



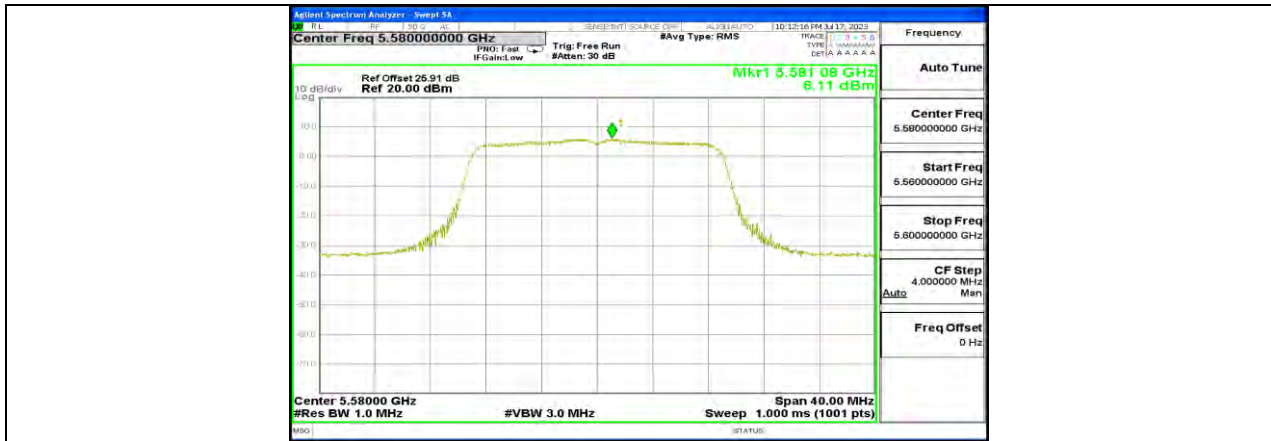
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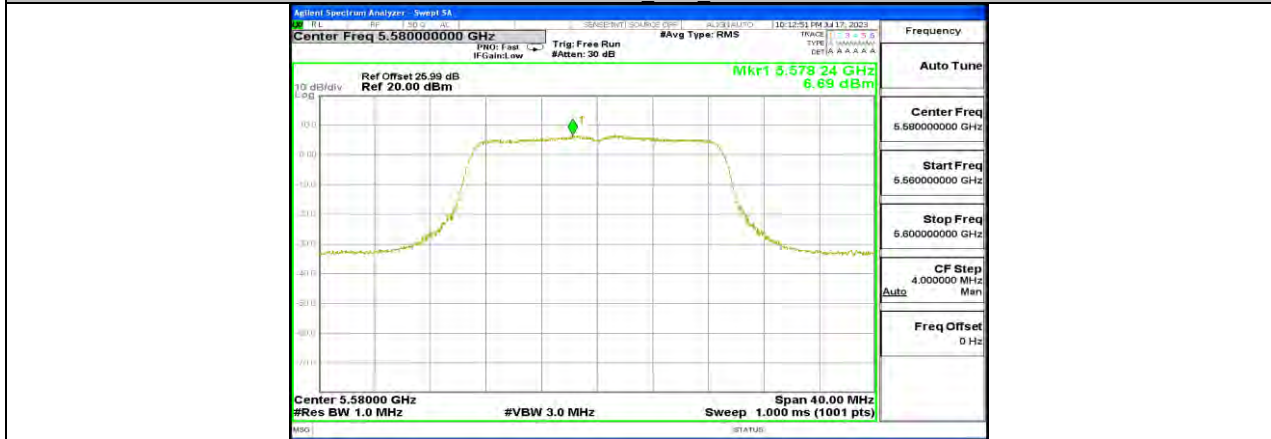
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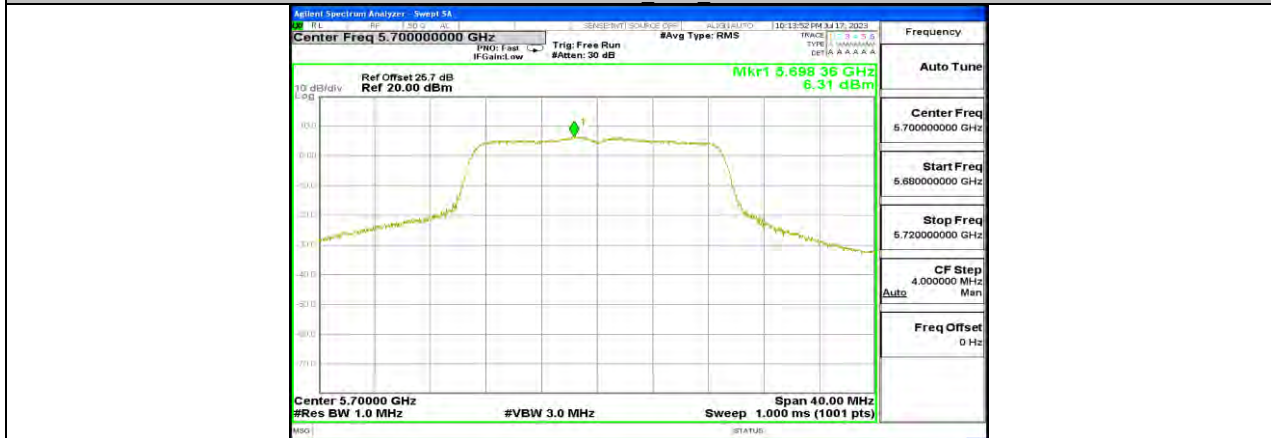
11N20MIMO Ant1 5500



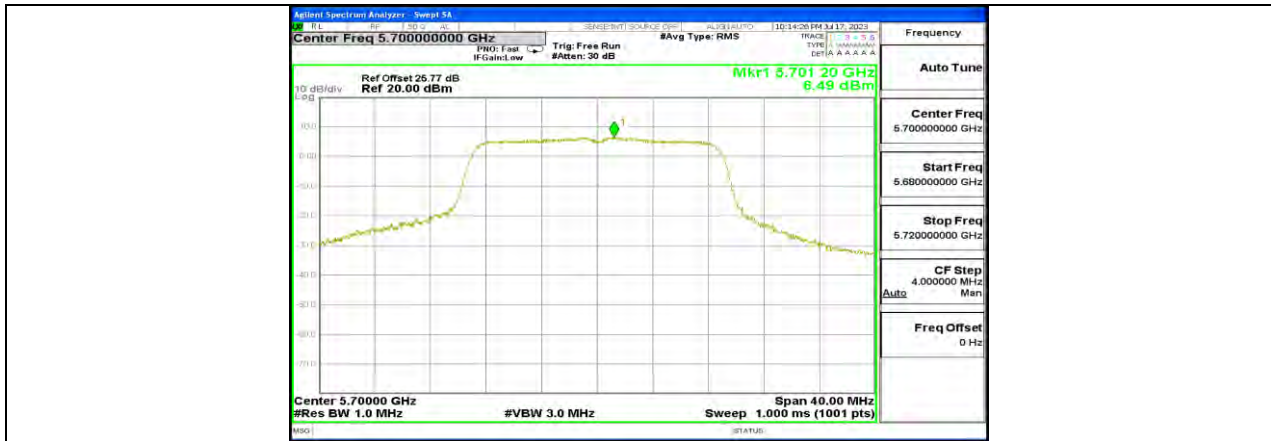
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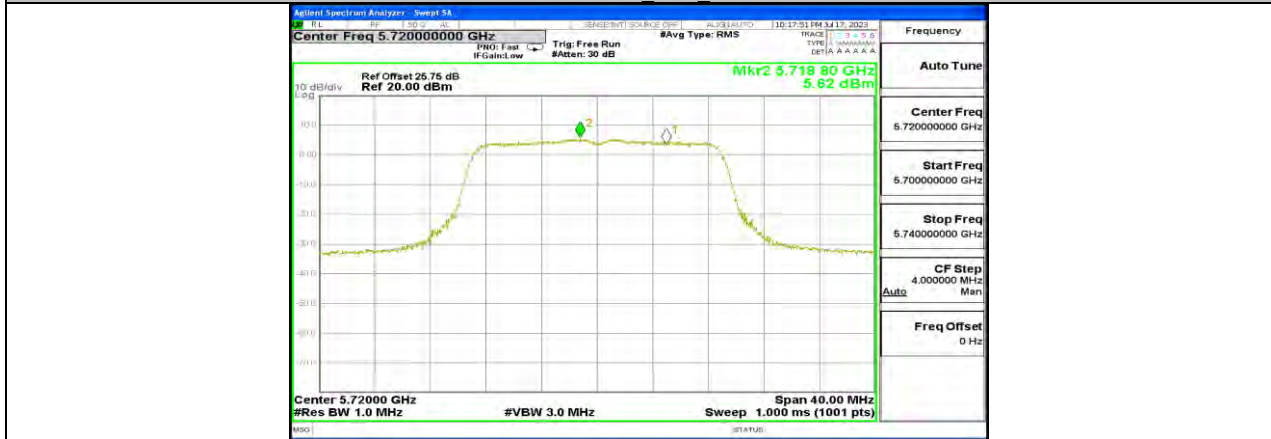
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11N20MIMO Ant0 5700



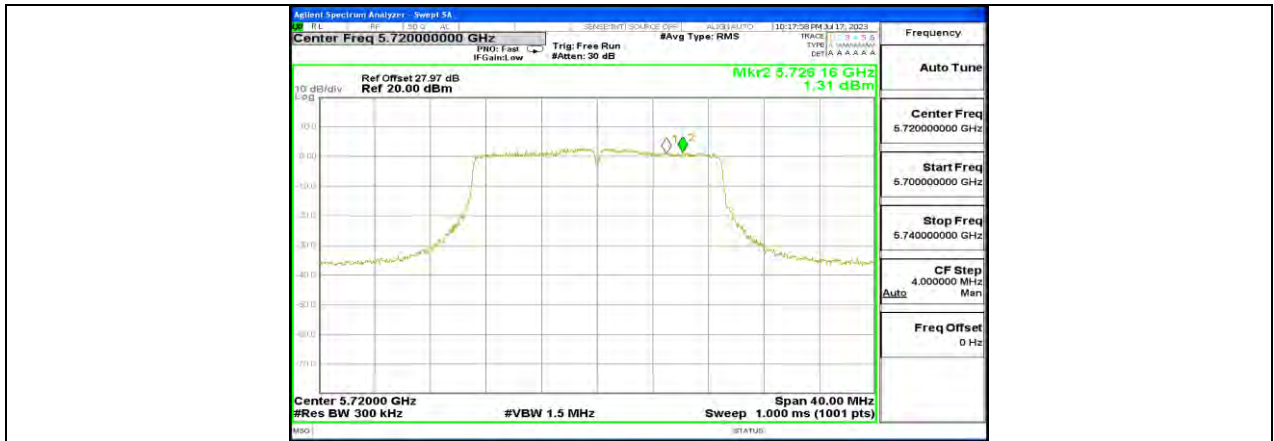
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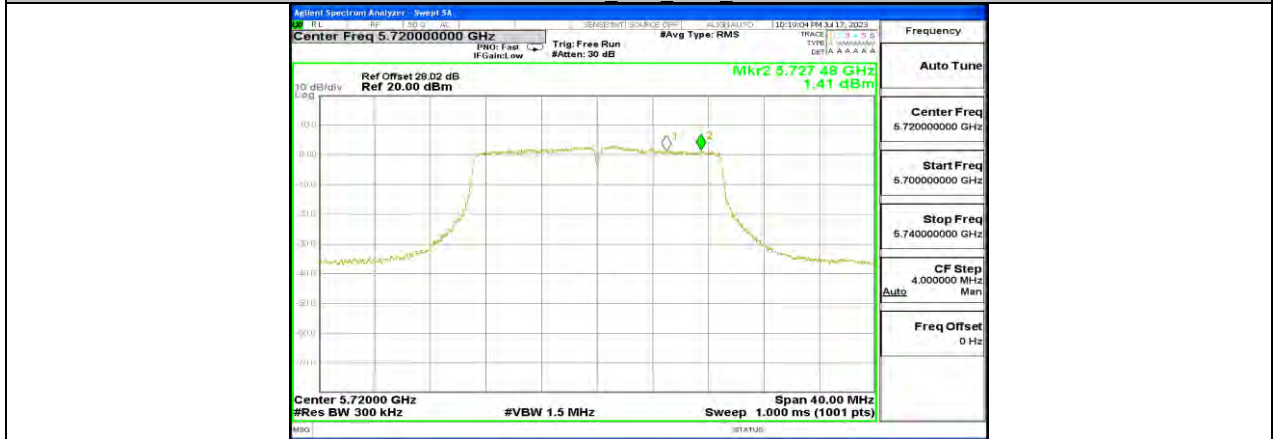
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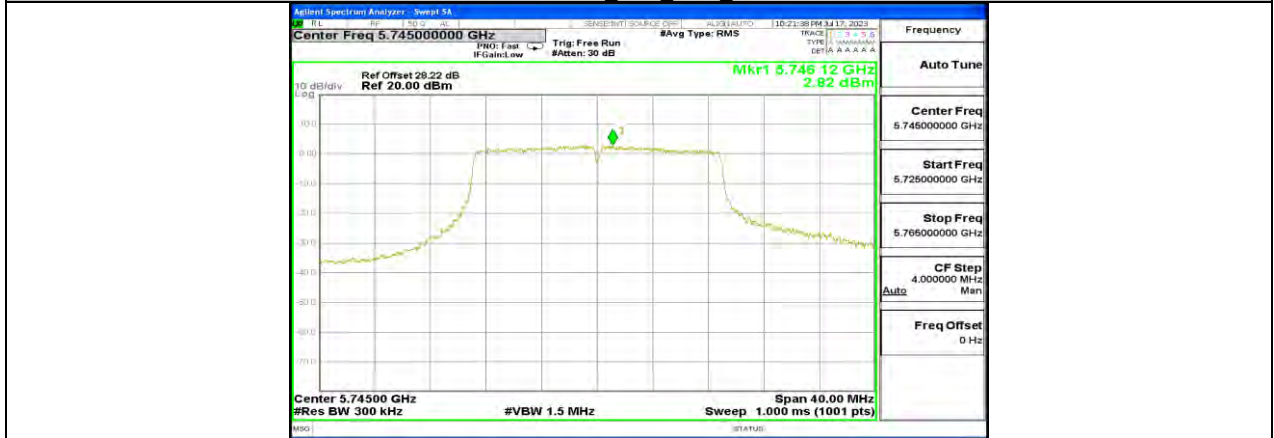
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11N20MIMO Ant0 5720 UNII-3



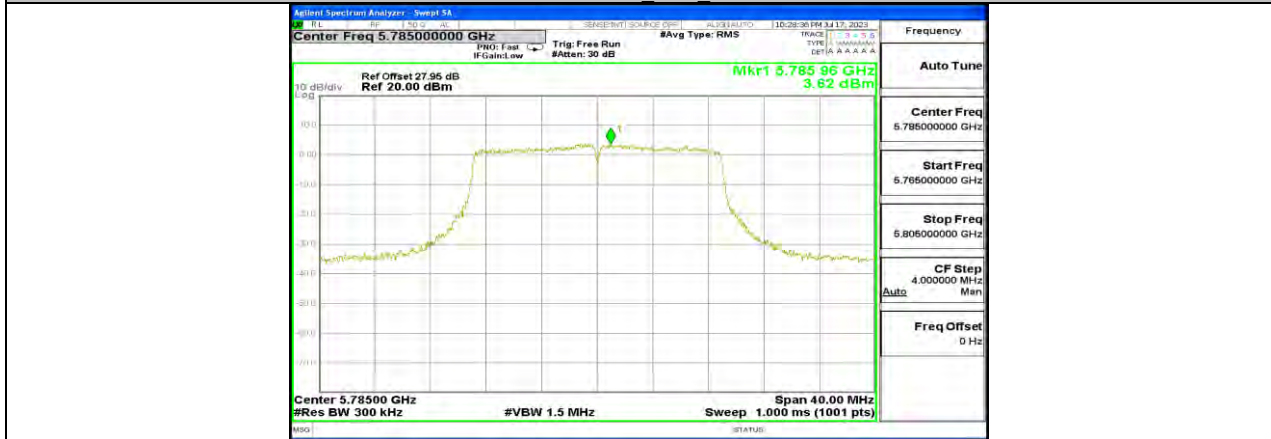
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11N20MIMO Ant0 5745



11N20MIMO Ant1 5745



11N20MIMO Ant0 5785



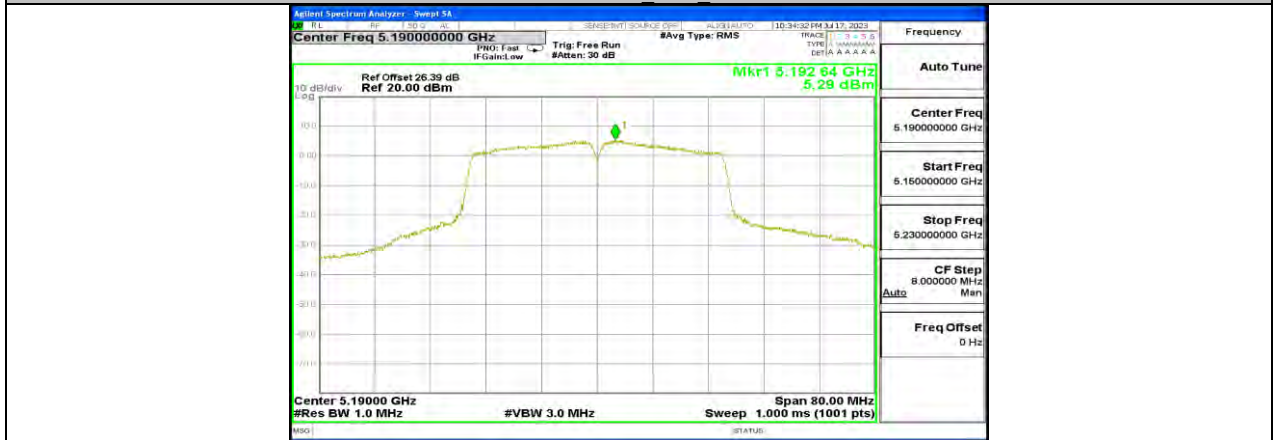
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11N20MIMO Ant0 5825



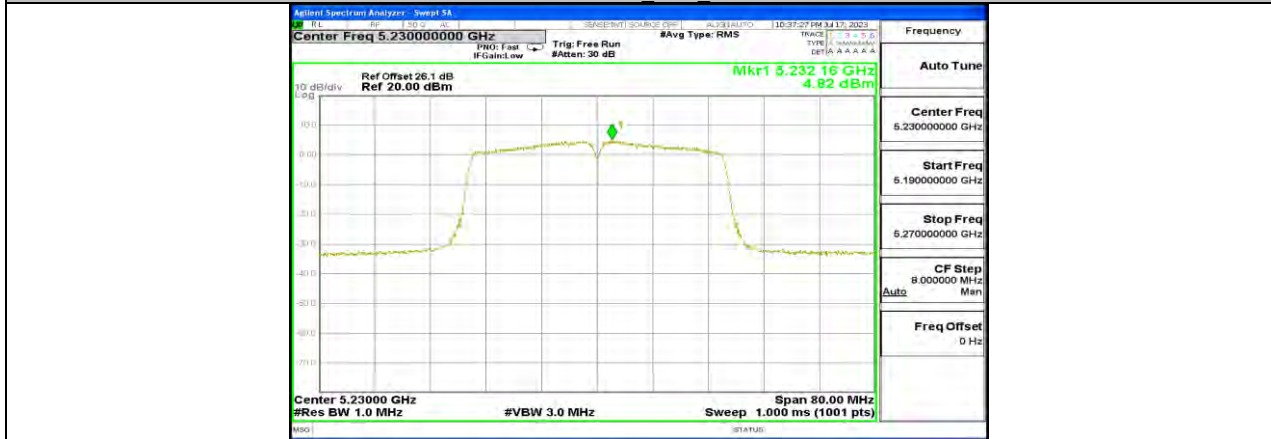
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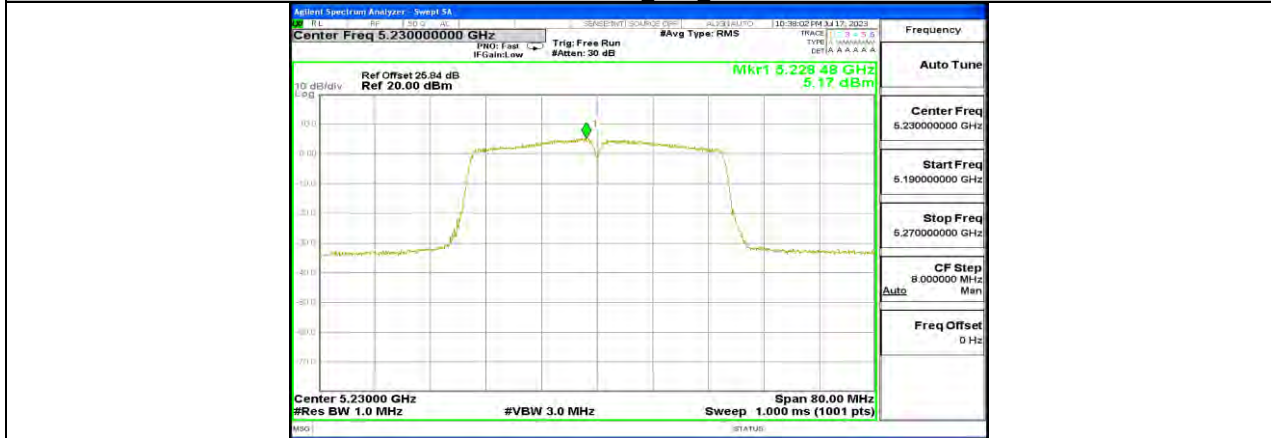
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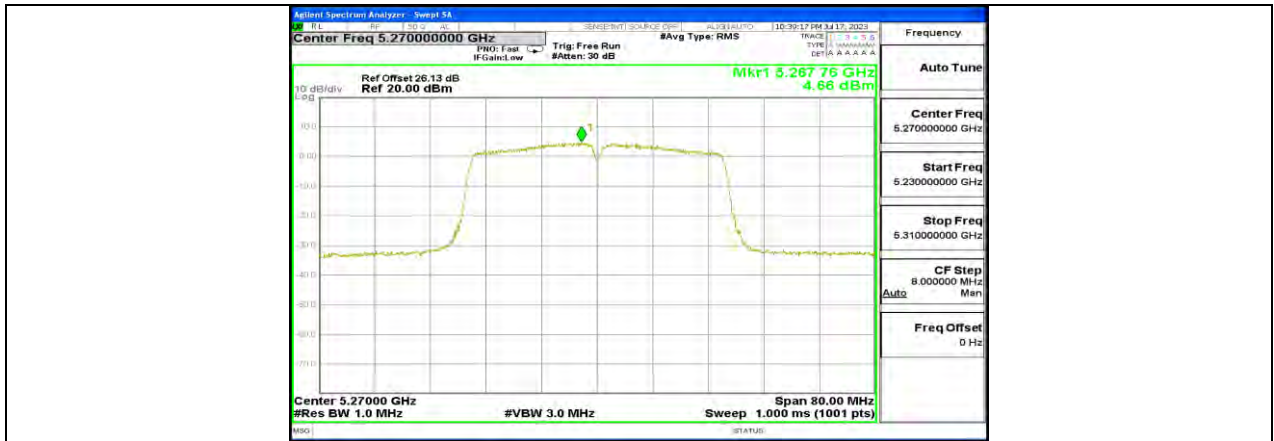
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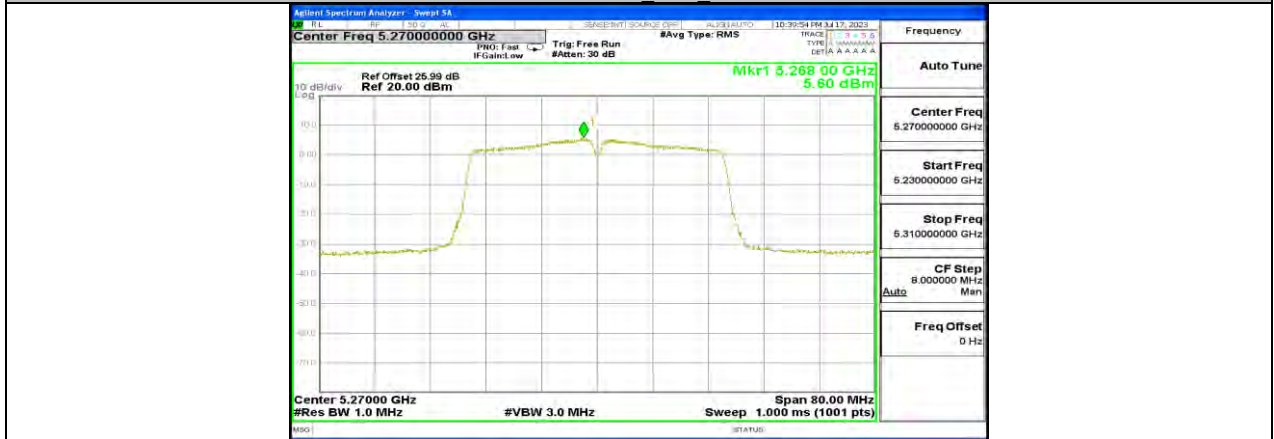
11N40MIMO Ant0 5230



11N40MIMO Ant1 5230



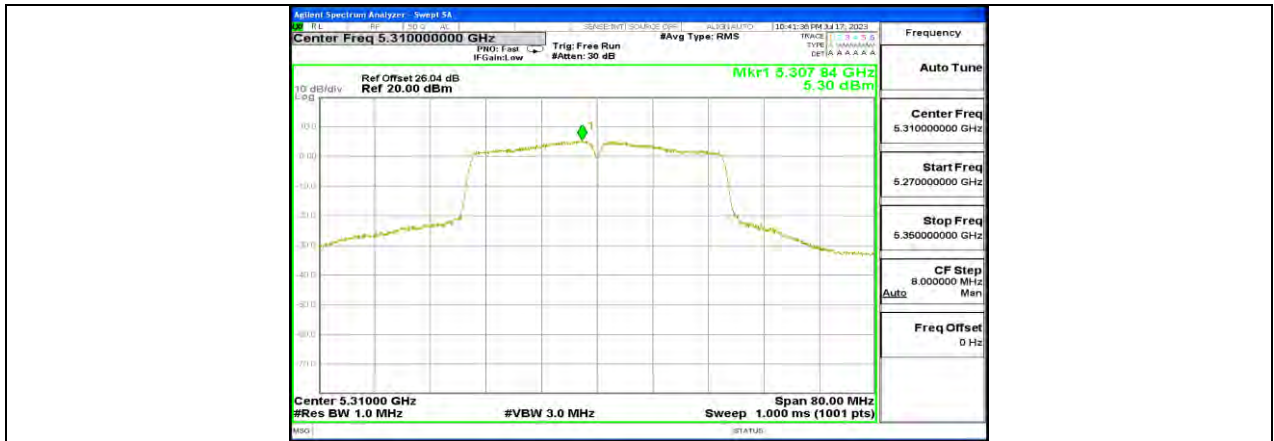
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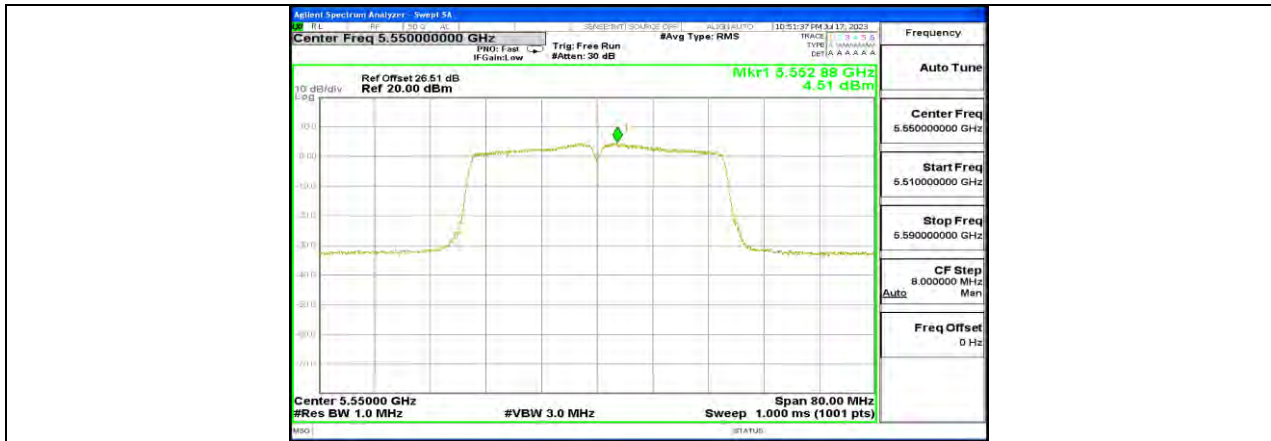


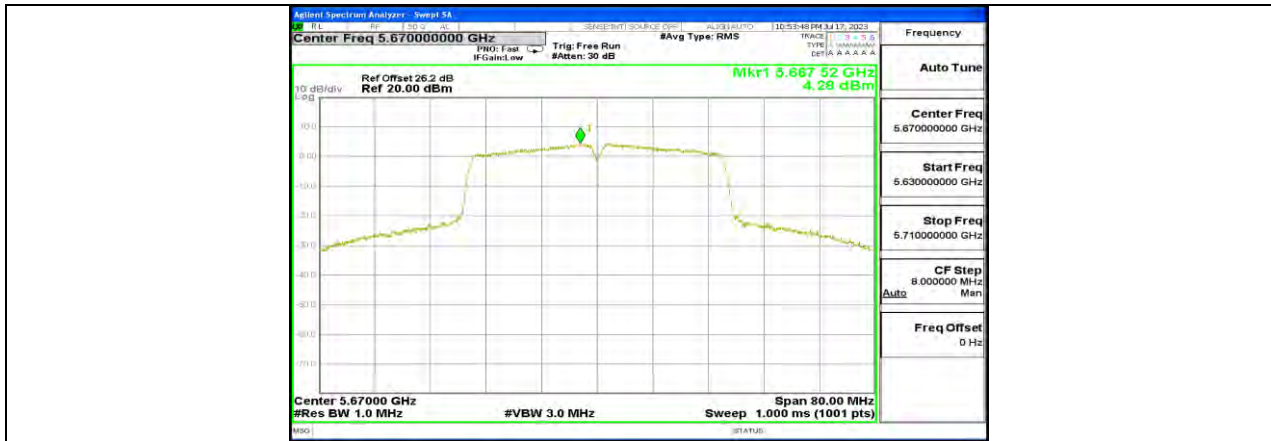
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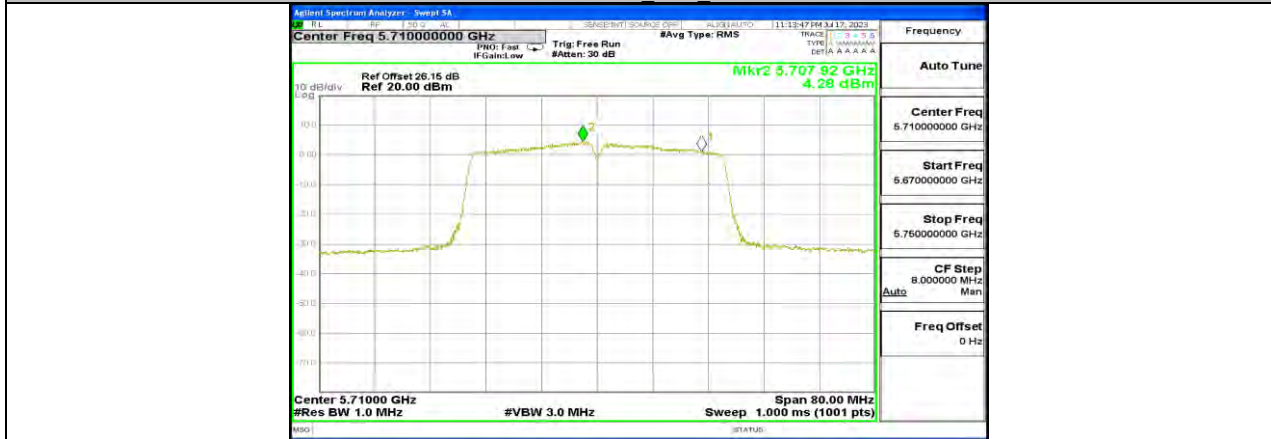
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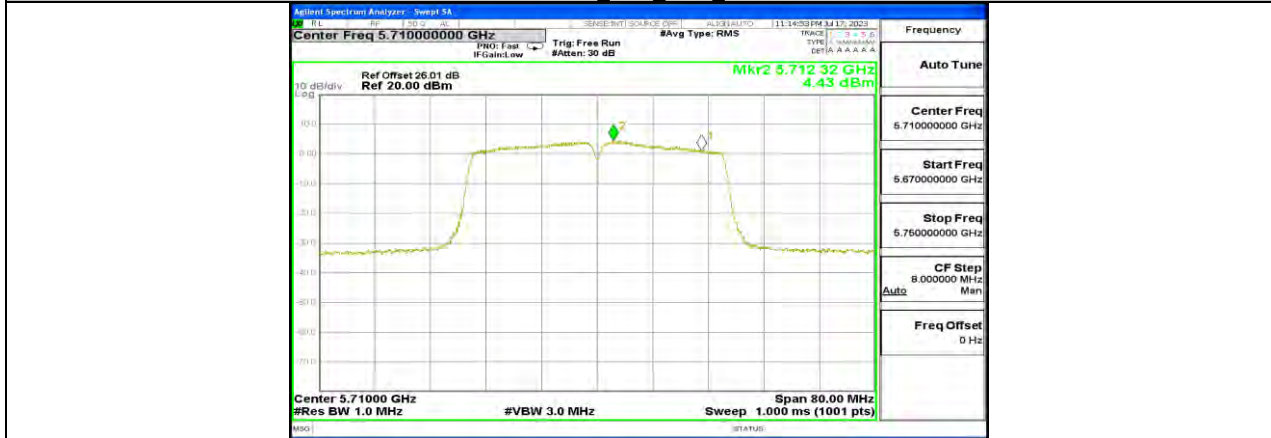




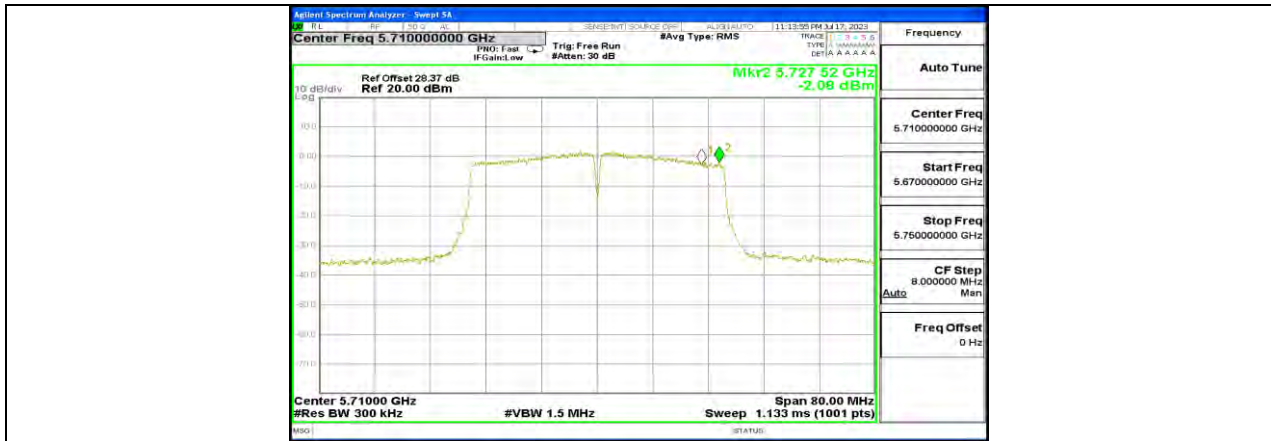
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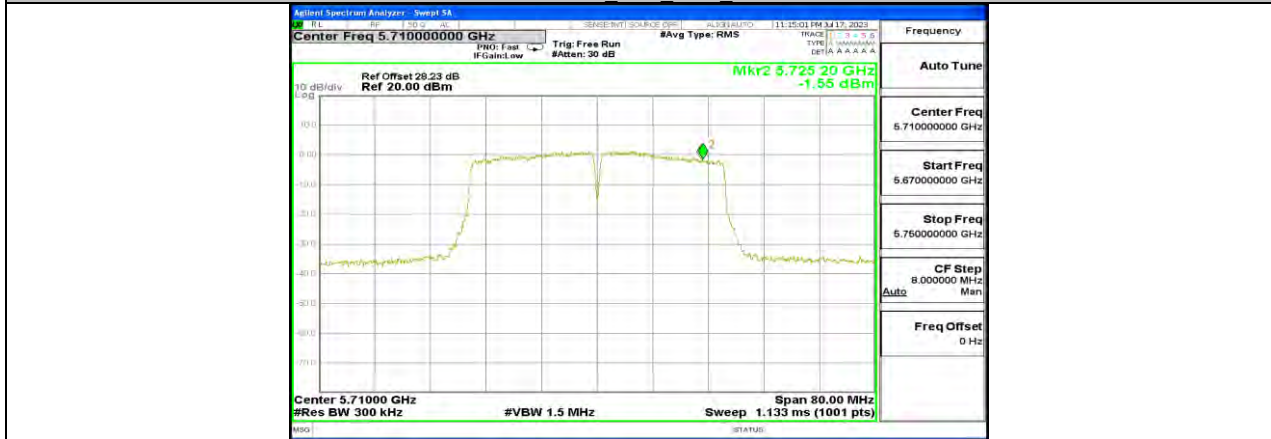
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11N40MIMO Ant1 5710 UNII-2C



11N40MIMO Ant0 5710 UNII-3



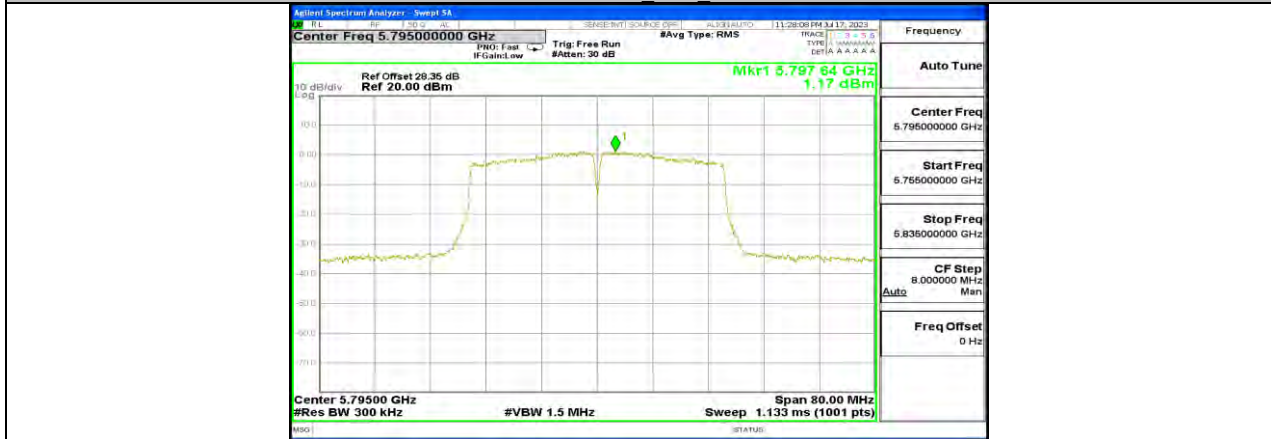
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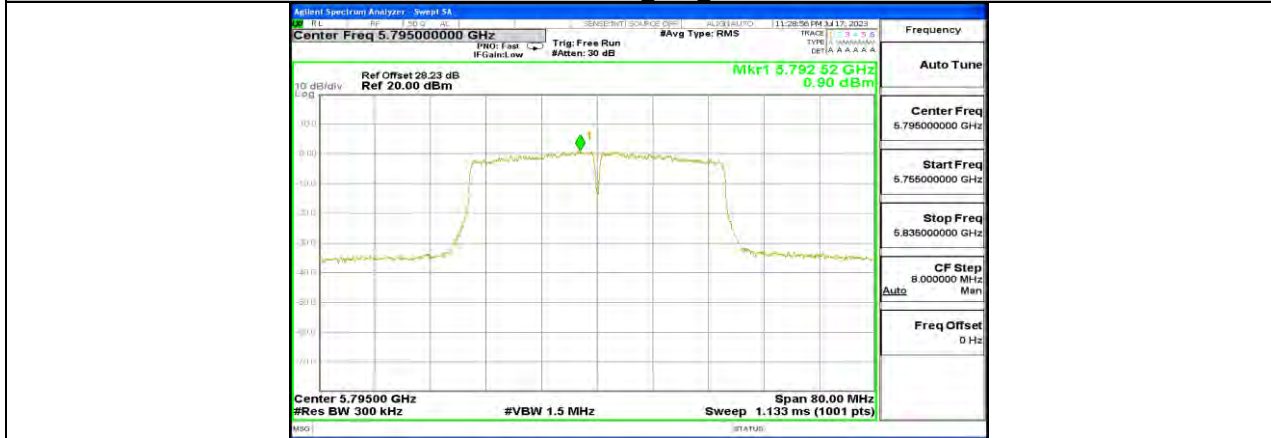
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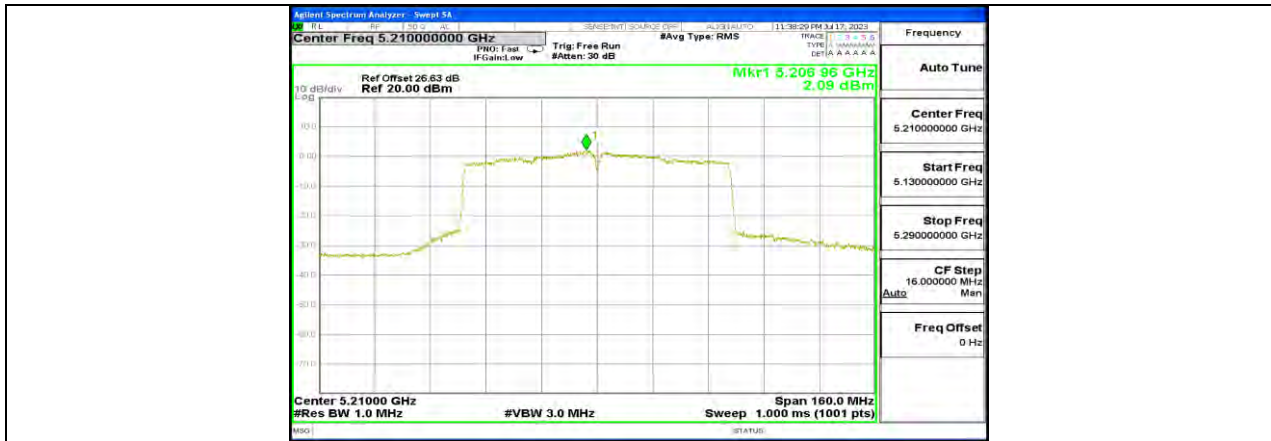
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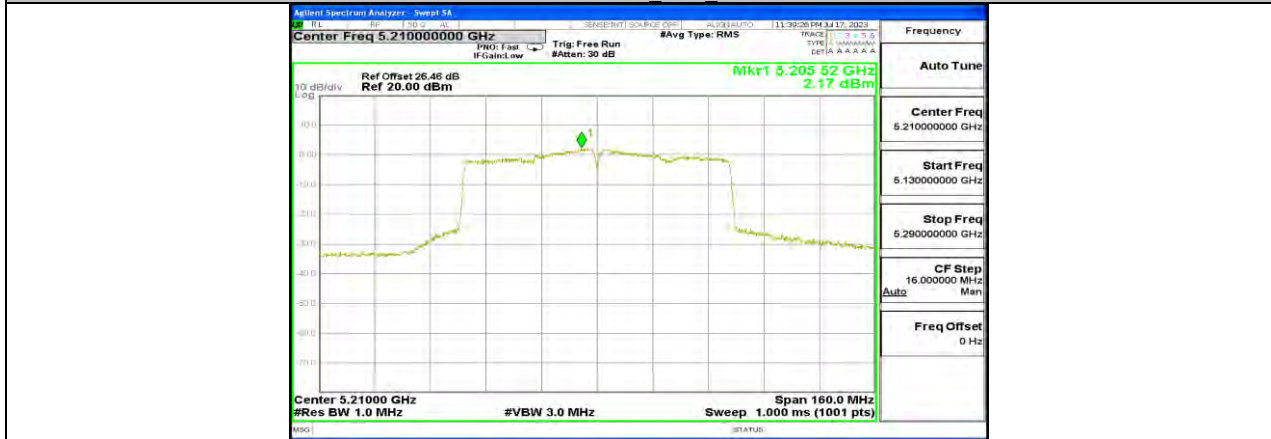
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11N40MIMO Ant1 5795



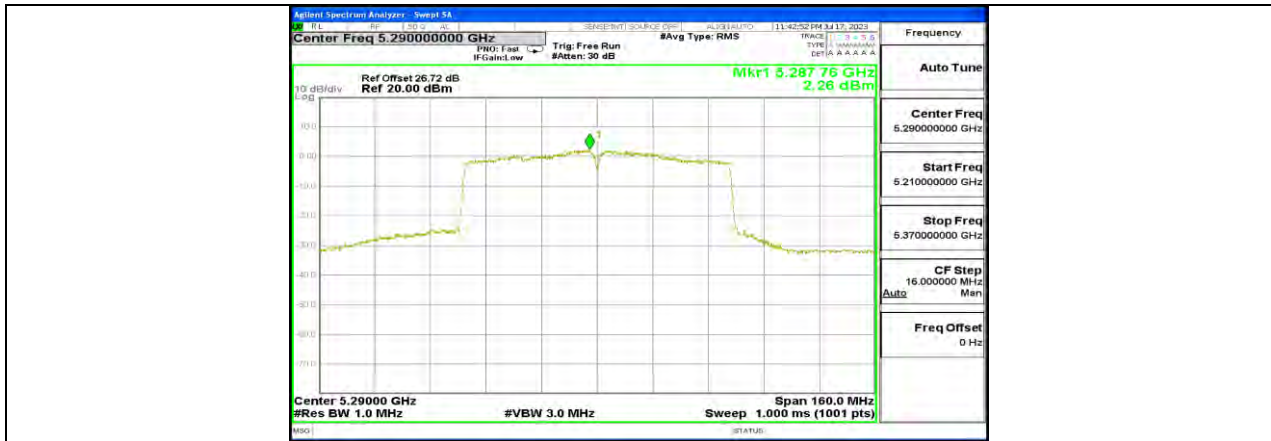
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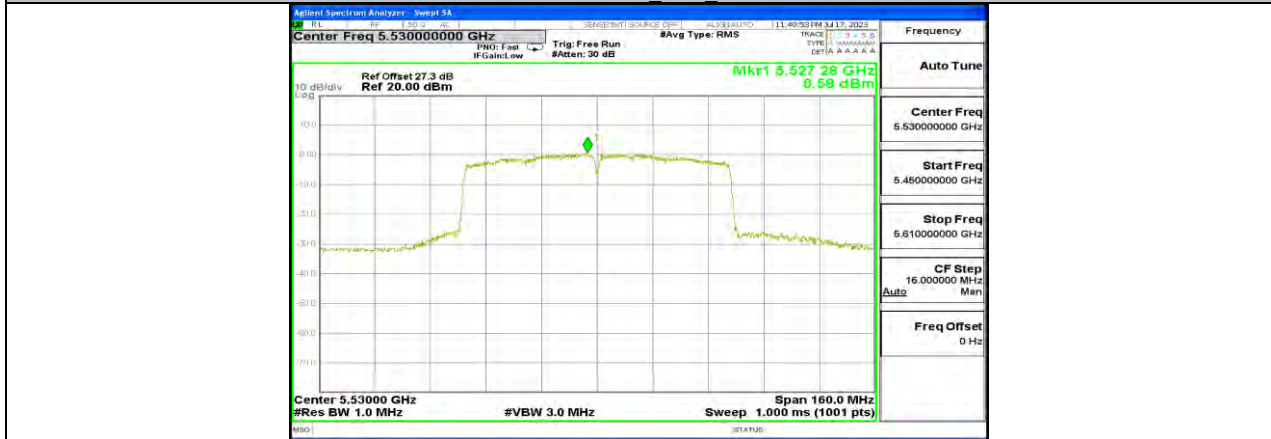
11AC80MIMO Ant1 5210



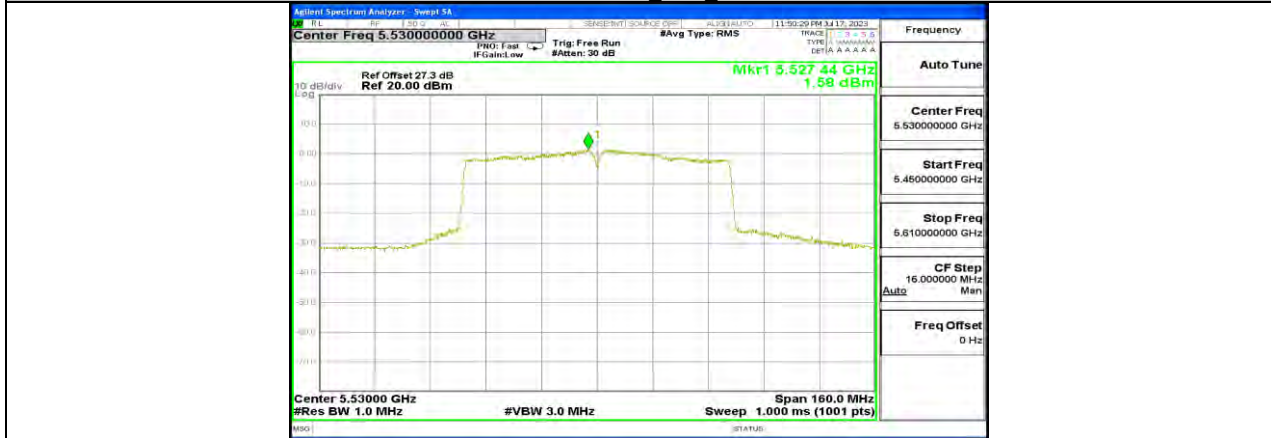
11AC80MIMO Ant0 5290



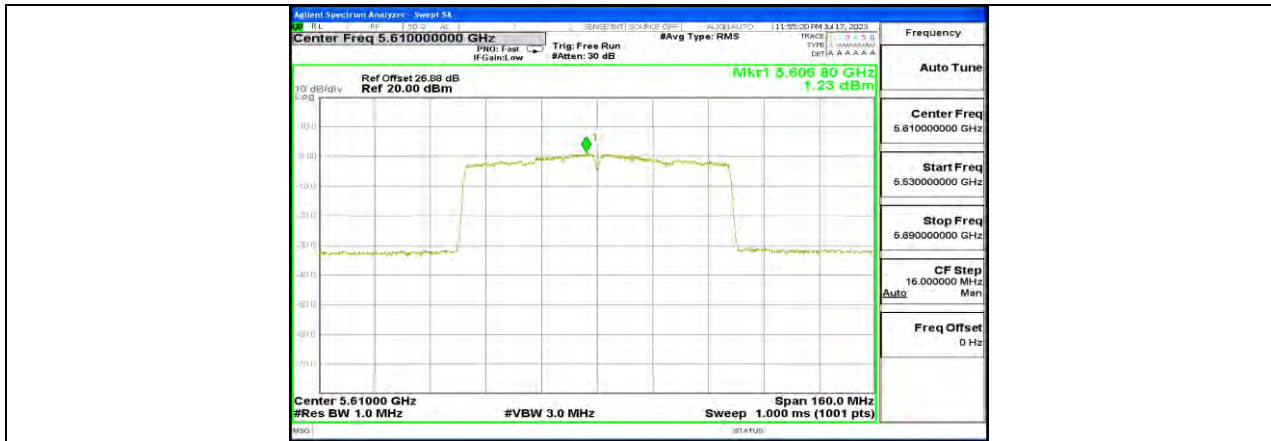
11AC80MIMO Ant1 5290



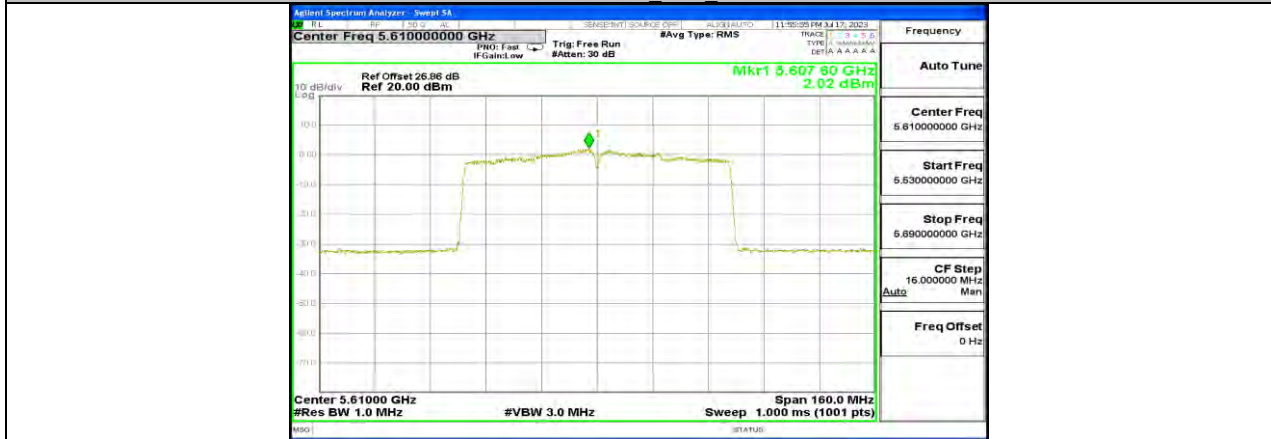
11AC80MIMO Ant0 5530



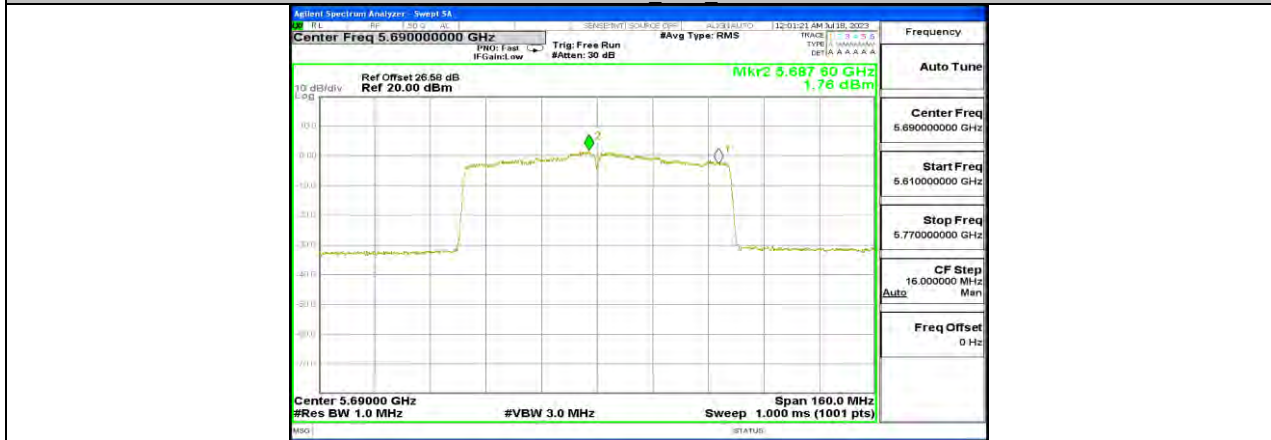
11AC80MIMO Ant1 5530



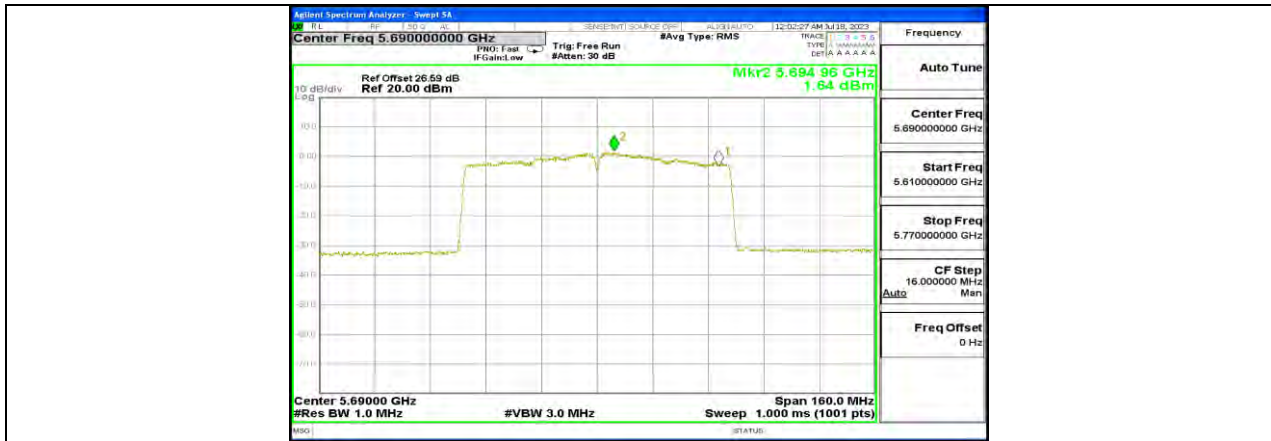
11AC80MIMO Ant0 5610



11AC80MIMO Ant1 5610



11AC80MIMO Ant0 5690 UNII-2C



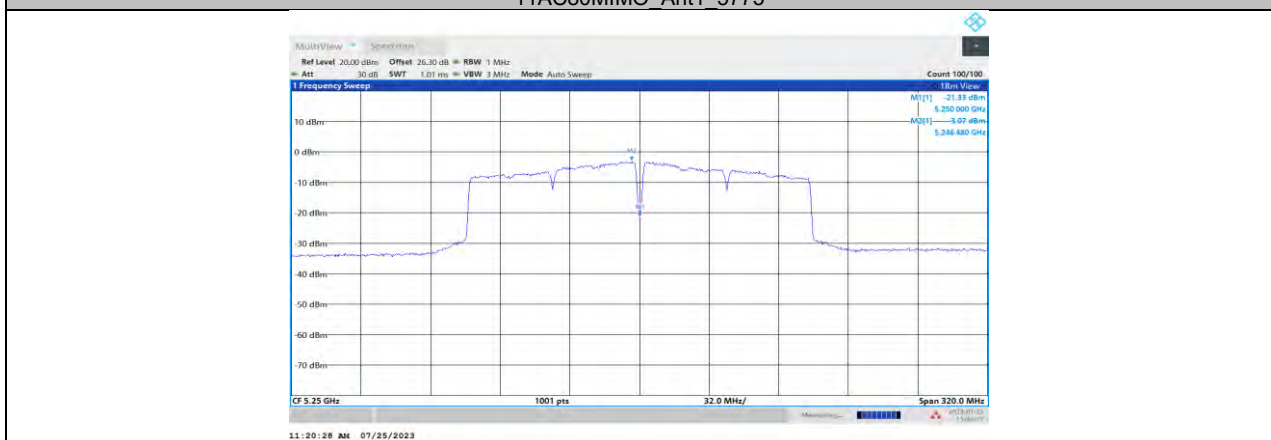
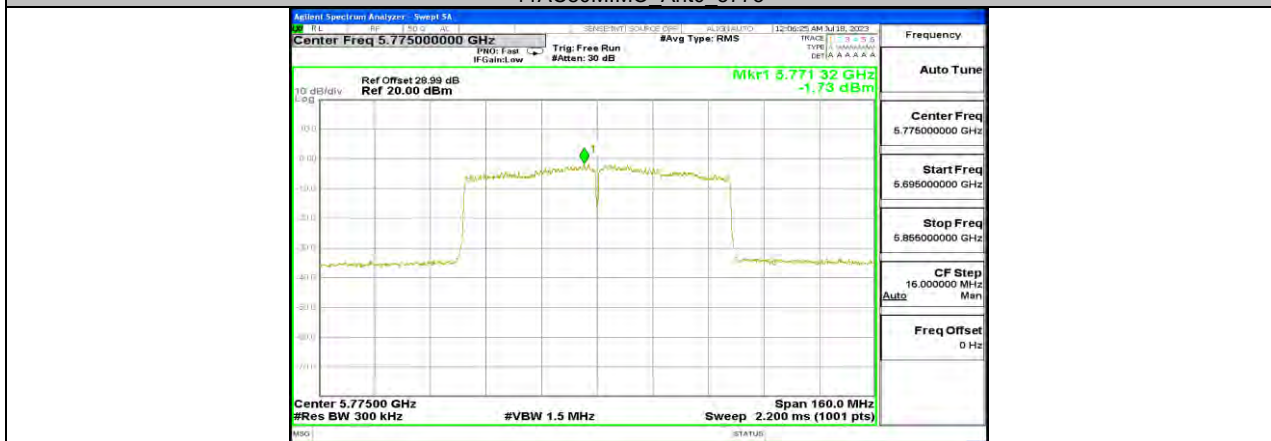
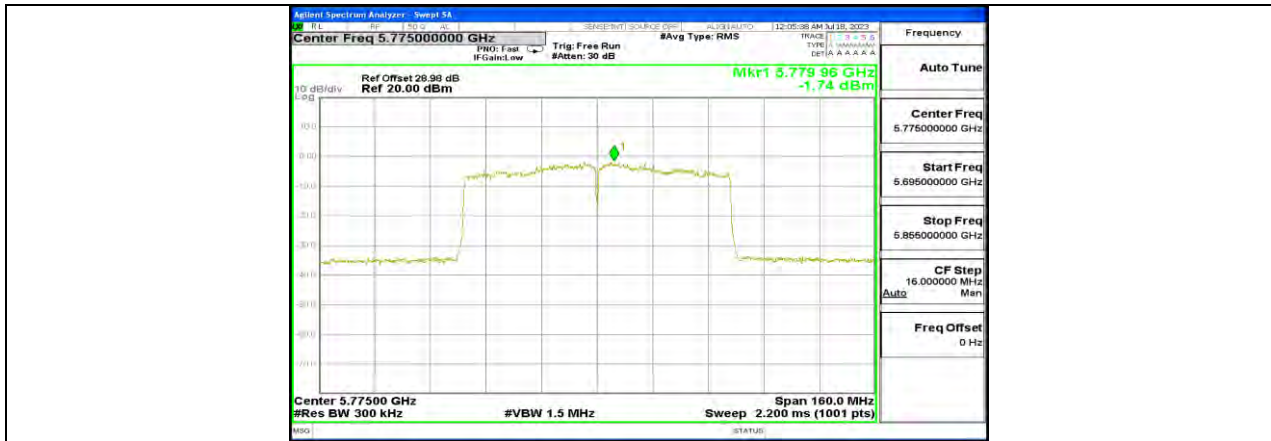
11AC80MIMO Ant1 5690 UNII-2C

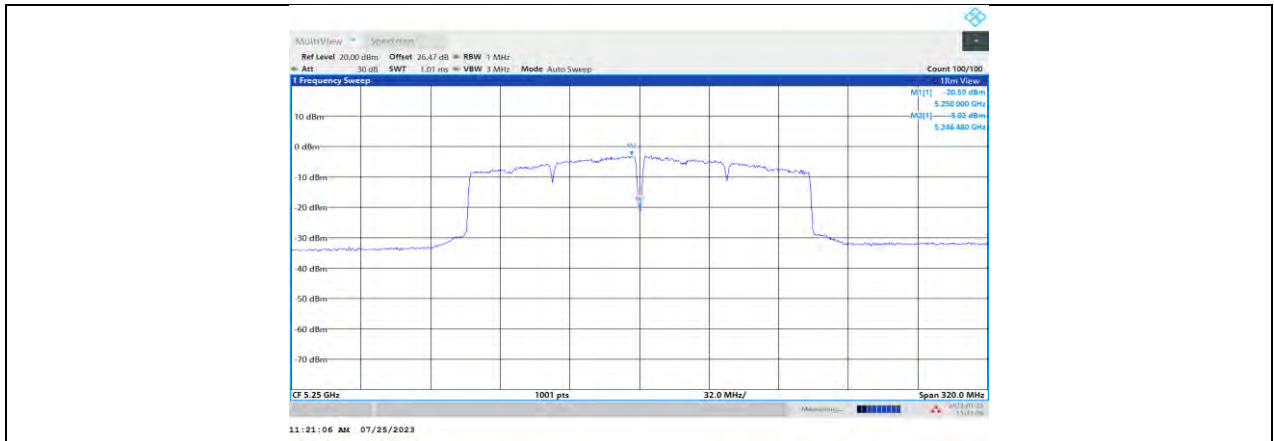


11AC80MIMO Ant0 5690 UNII-3

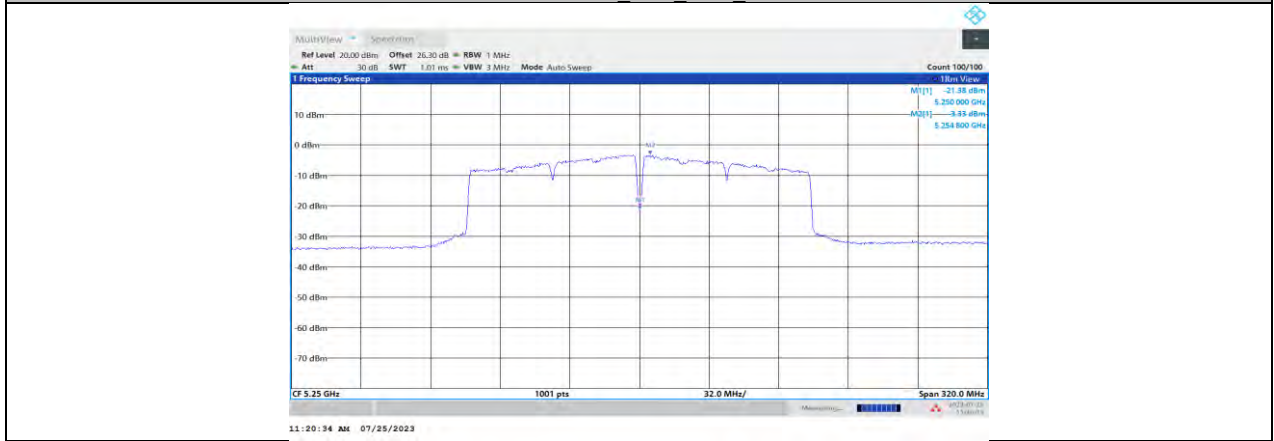


11AC80MIMO Ant1 5690 UNII-3

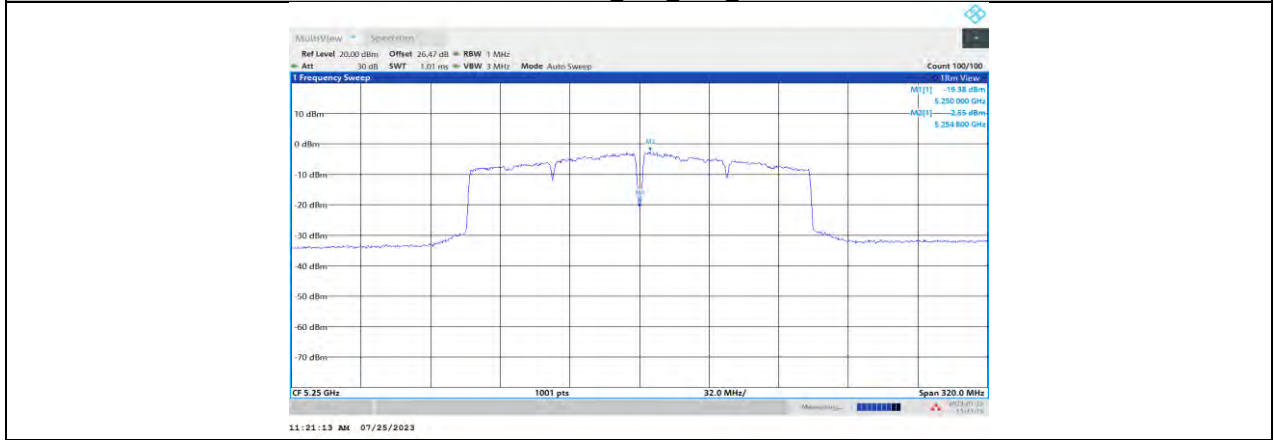




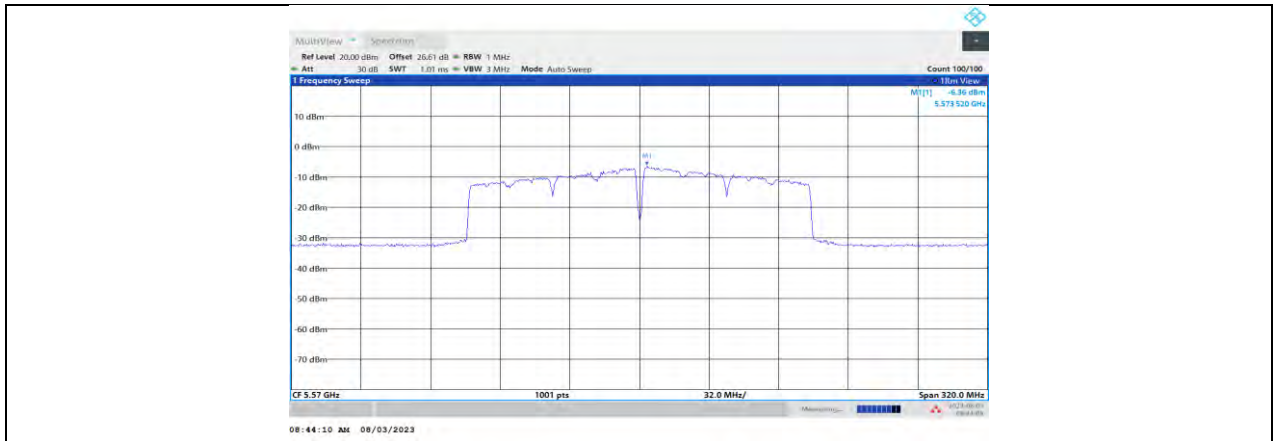
11AC160MIMO_Ant1_5250_UNII-1



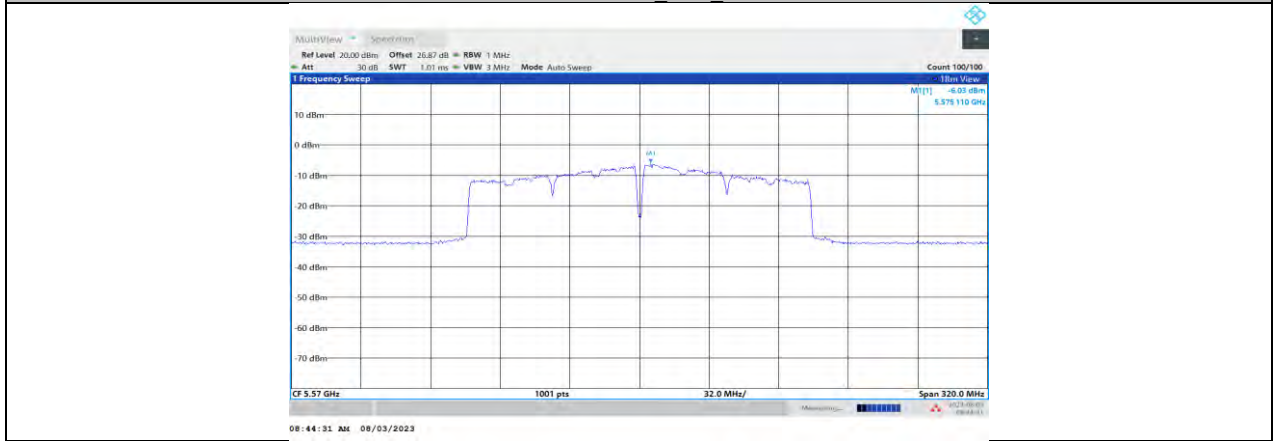
11AC160MIMO_Ant0_5250_UNII-2A



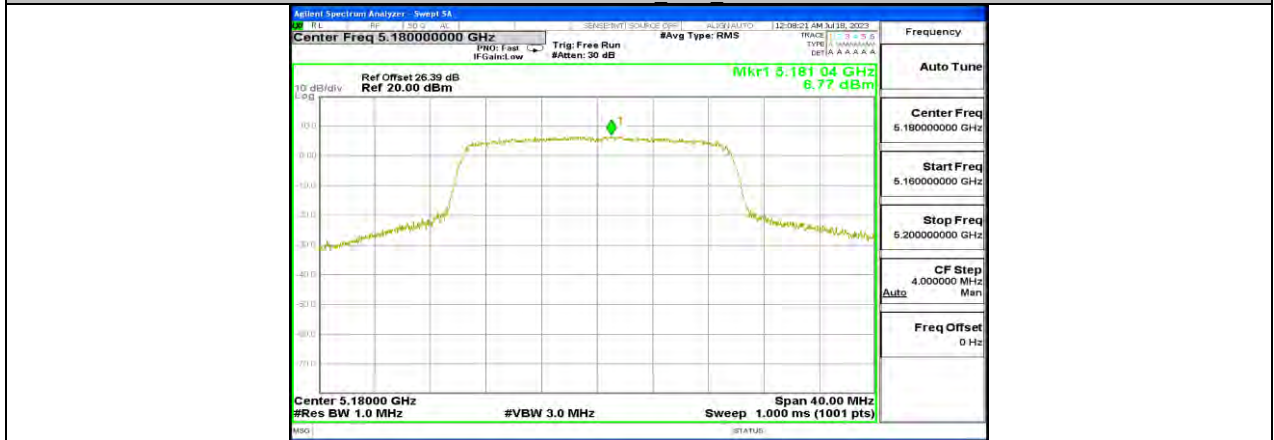
11AC160MIMO_Ant1_5250_UNII-2A



11AC160MIMO Ant0 5570



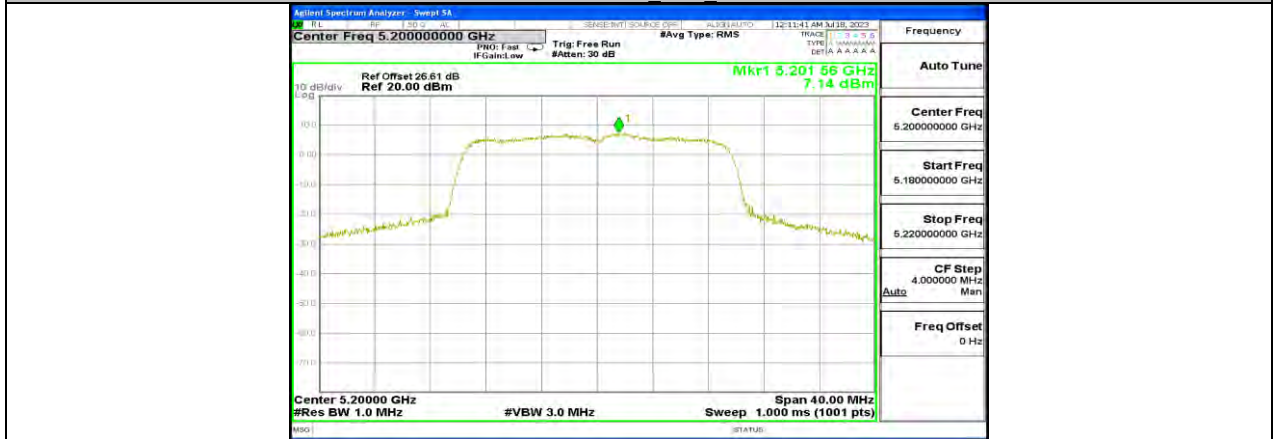
11AC160MIMO Ant1 5570



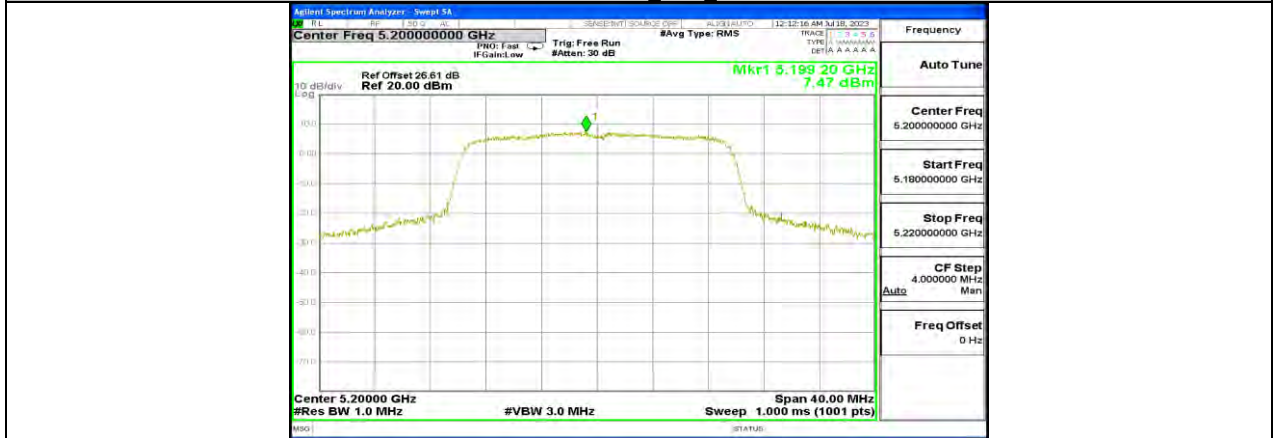
11AX20MIMO Ant0 5180



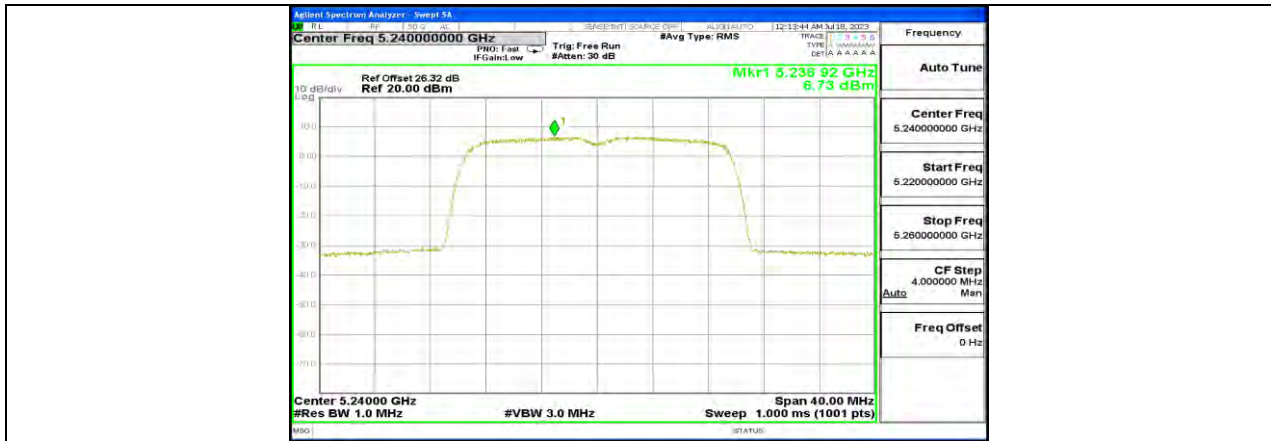
11AX20MIMO Ant1 5180



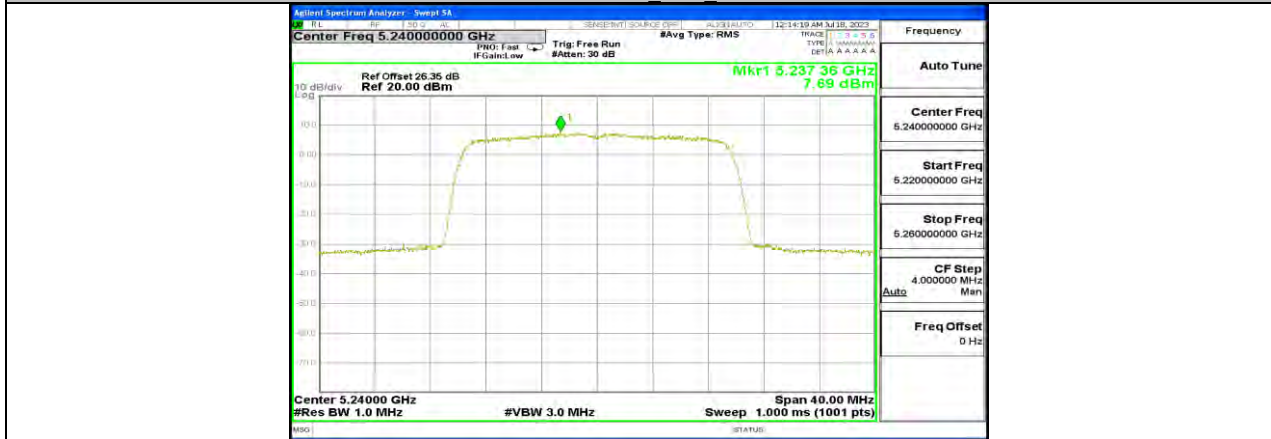
11AX20MIMO Ant0 5200



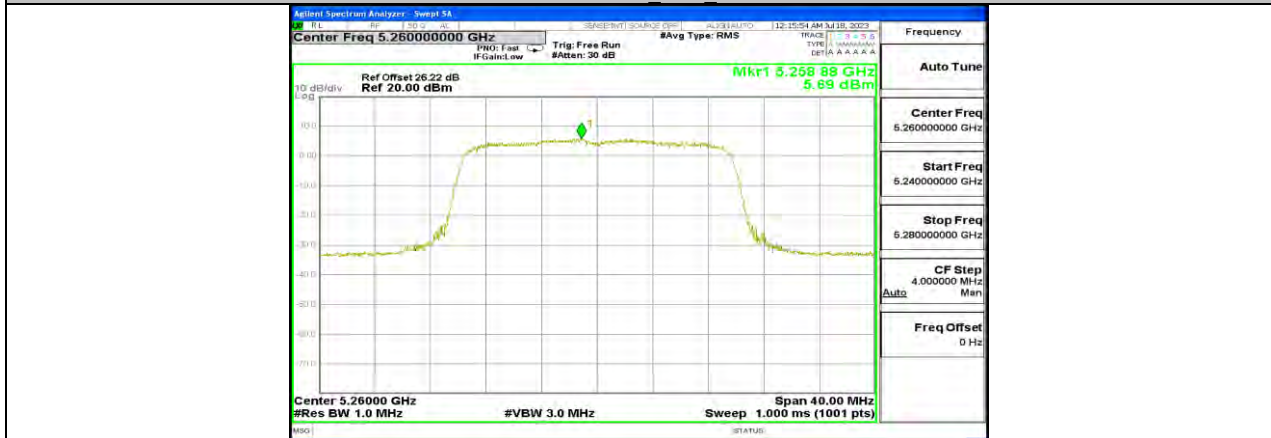
11AX20MIMO Ant1 5200



11AX20MIMO Ant0 5240



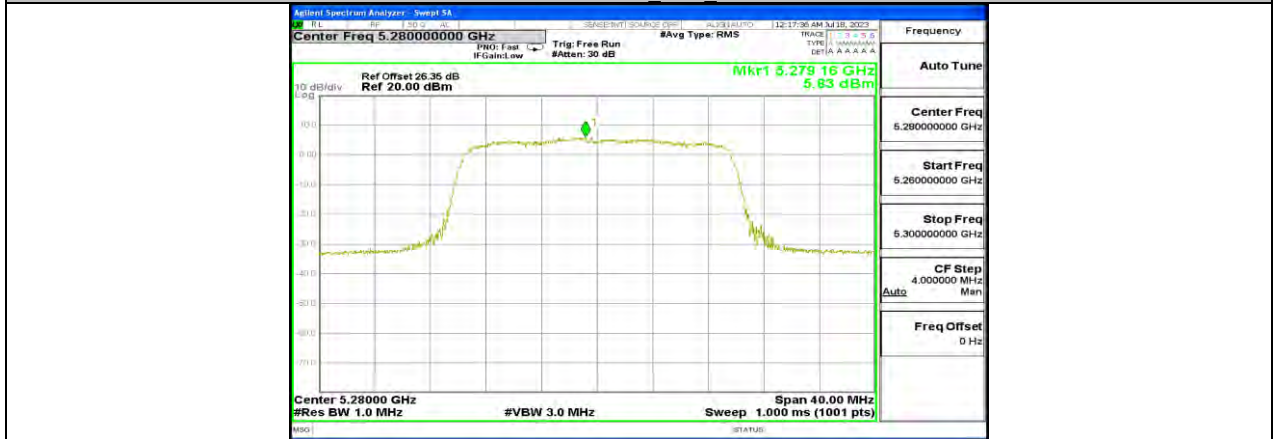
11AX20MIMO Ant1 5240



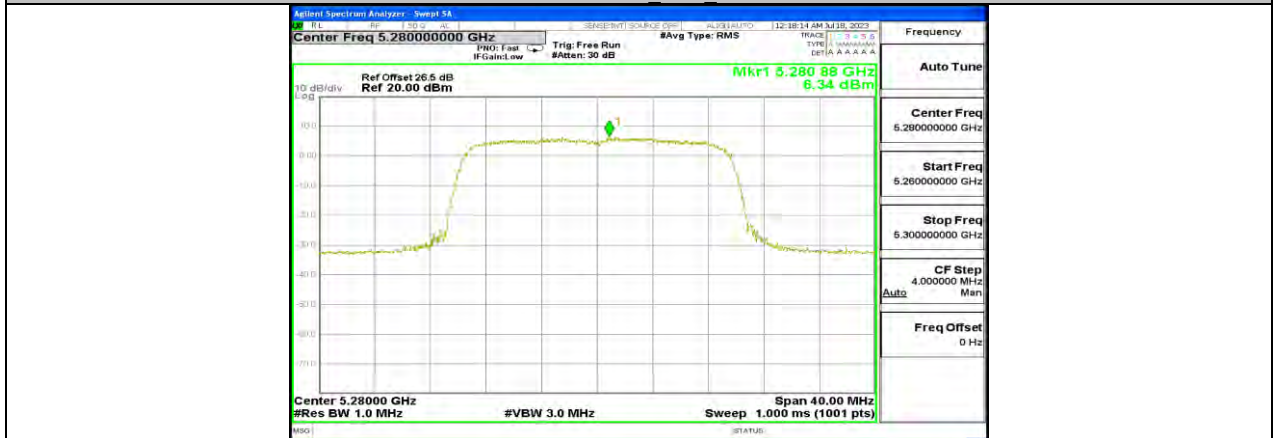
11AX20MIMO Ant0 5260



11AX20MIMO Ant1 5260



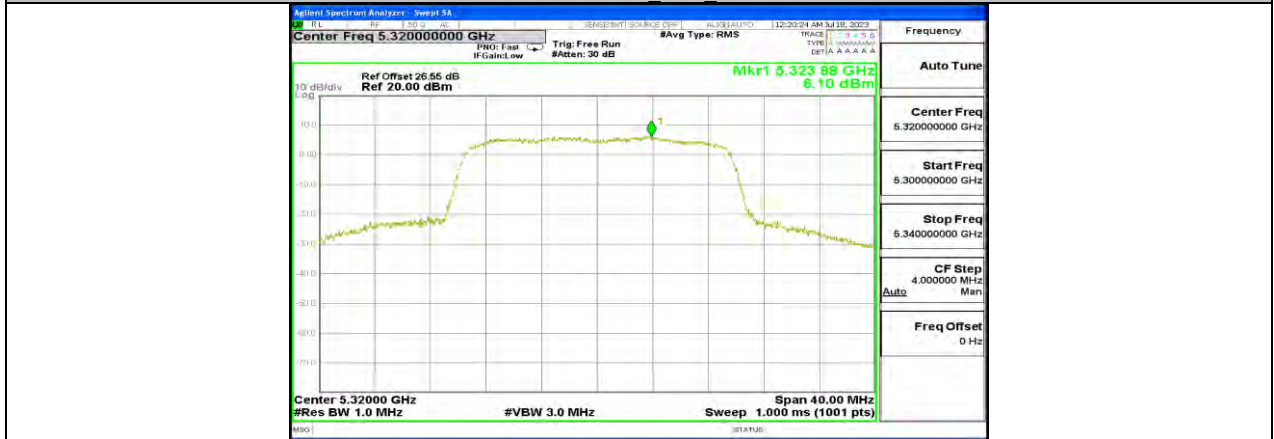
11AX20MIMO Ant0 5280



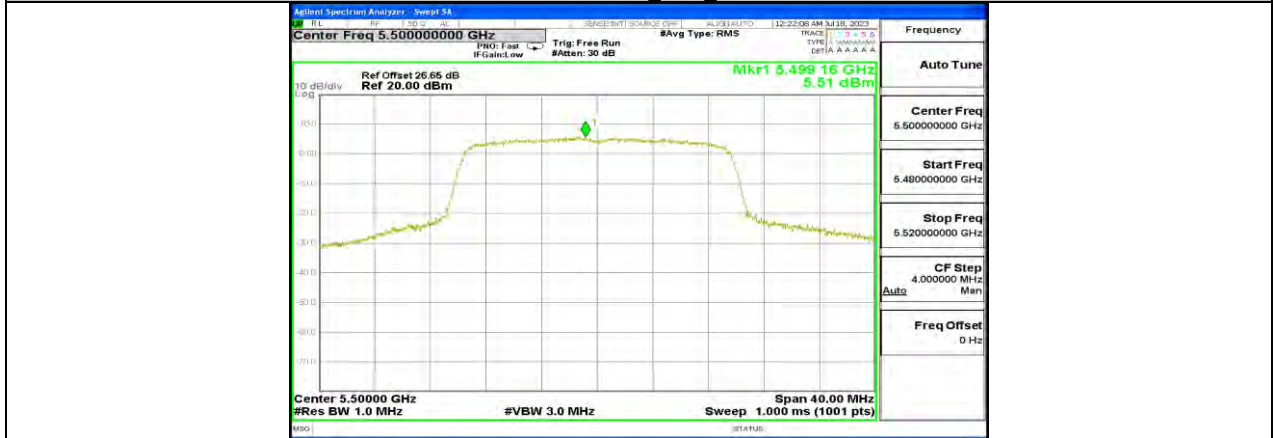
11AX20MIMO Ant1 5280



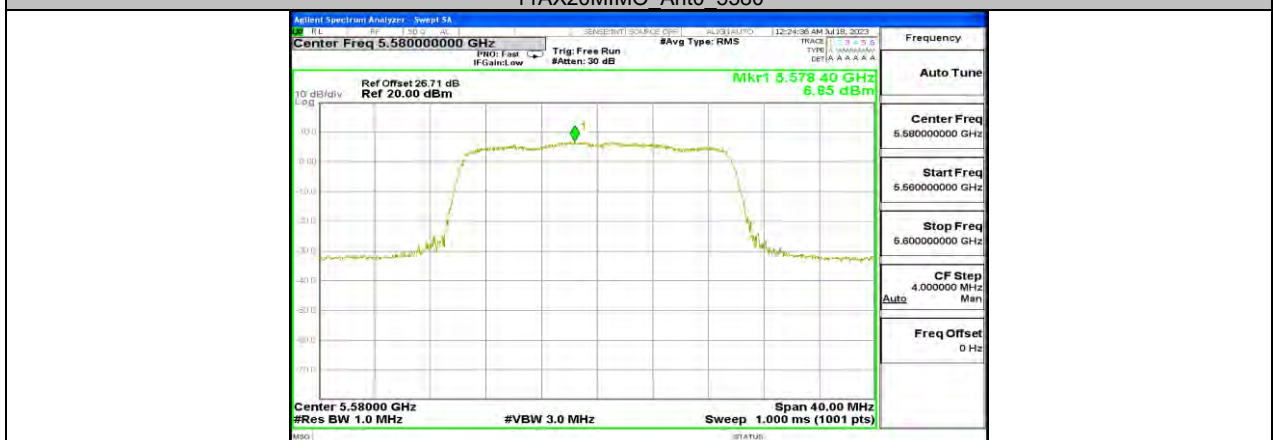
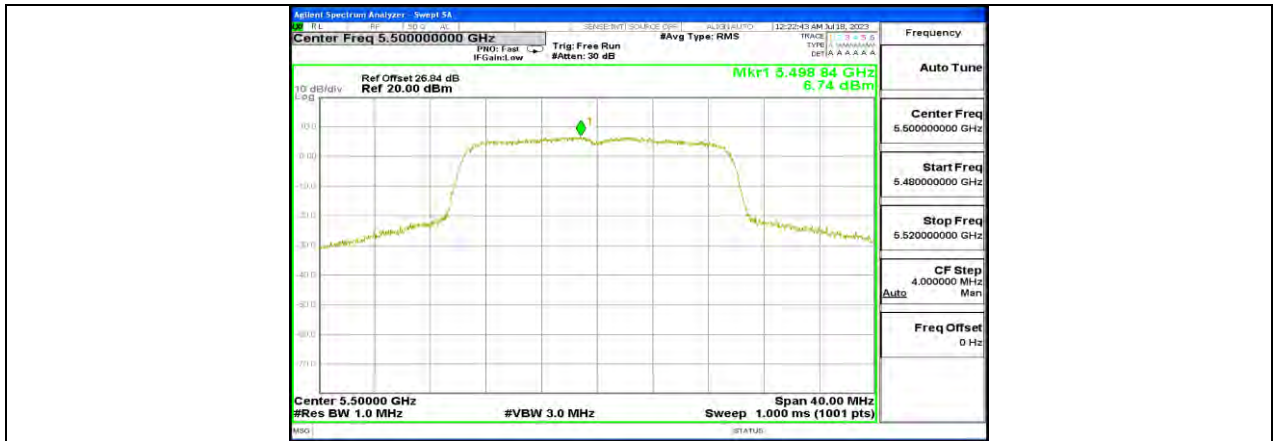
11AX20MIMO Ant0 5320

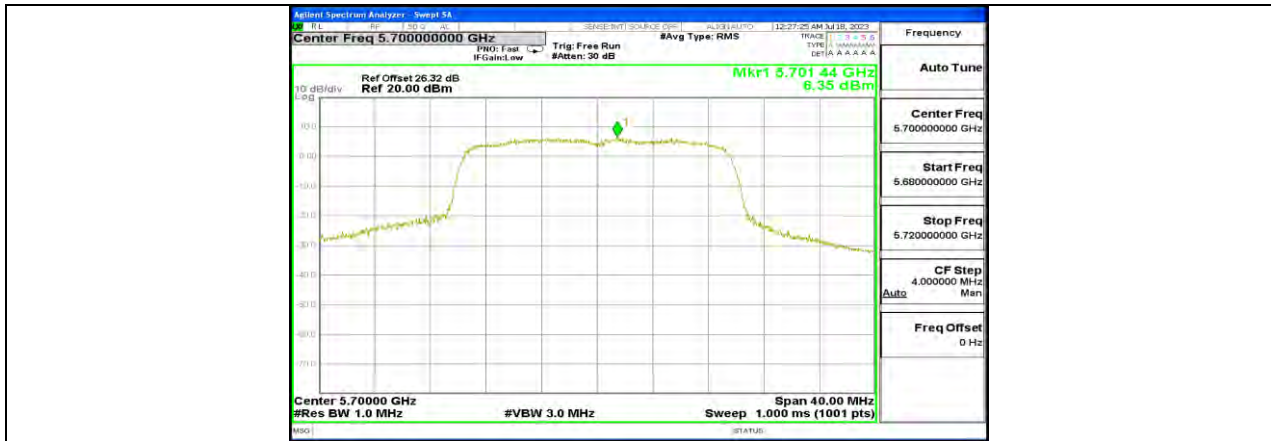


11AX20MIMO Ant1 5320

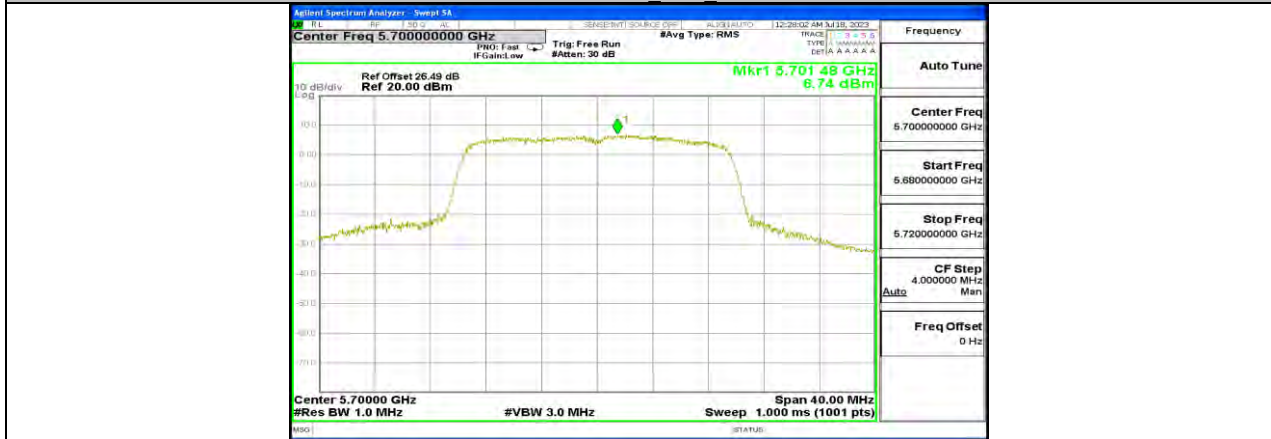


11AX20MIMO Ant0 5500

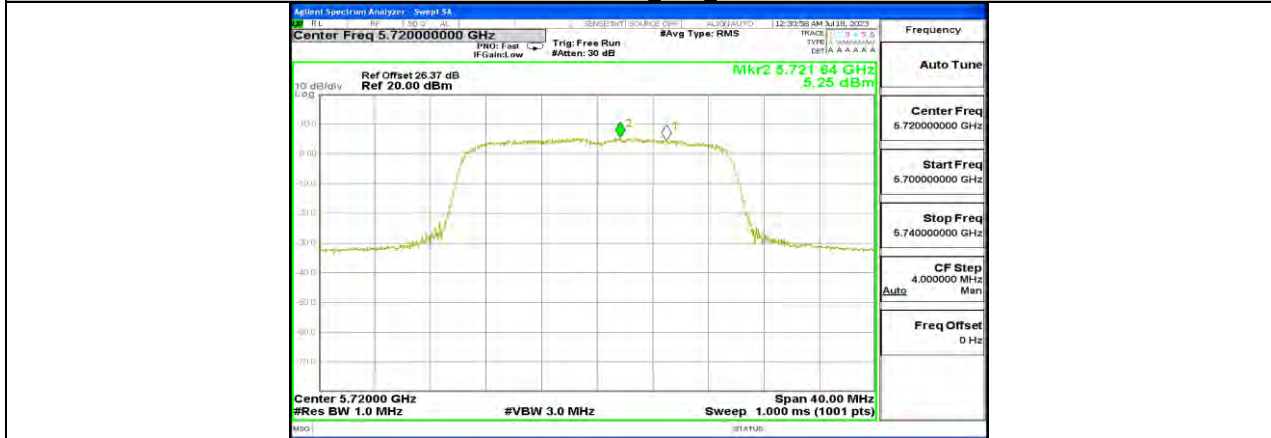




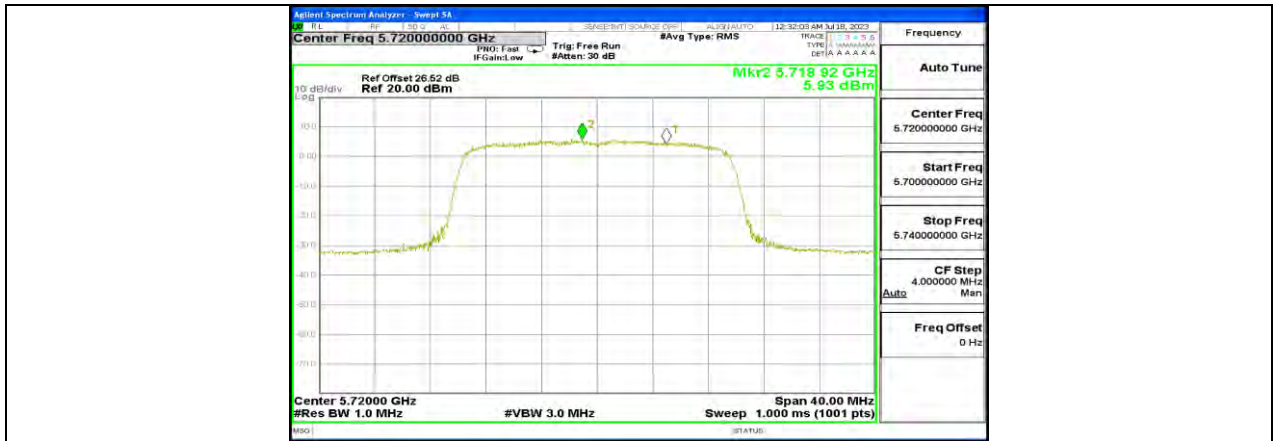
11AX20MIMO Ant0 5700



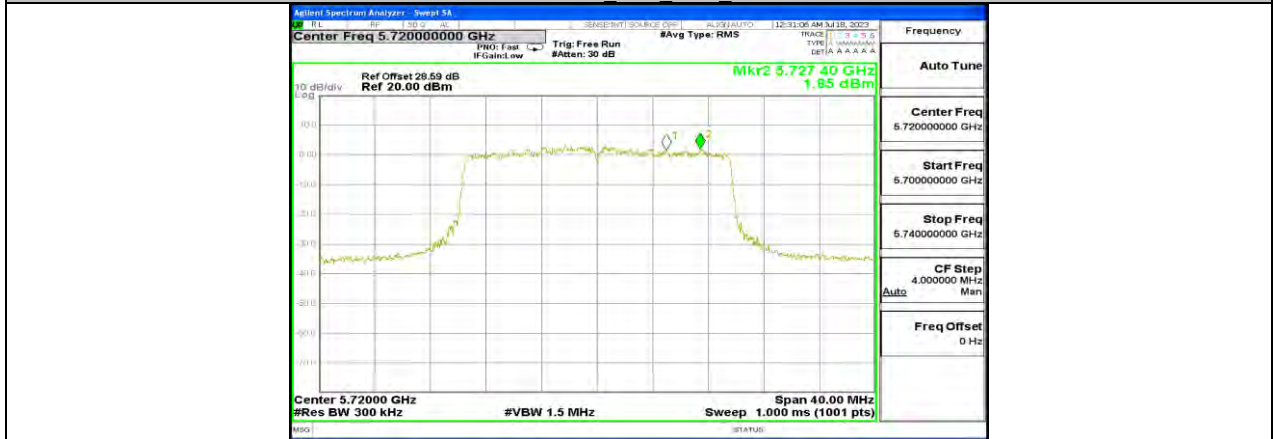
11AX20MIMO Ant1 5700



11AX20MIMO Ant0 5720 UNII-2C



11AX20MIMO Ant1 5720 UNII-2C



11AX20MIMO Ant0 5720 UNII-3



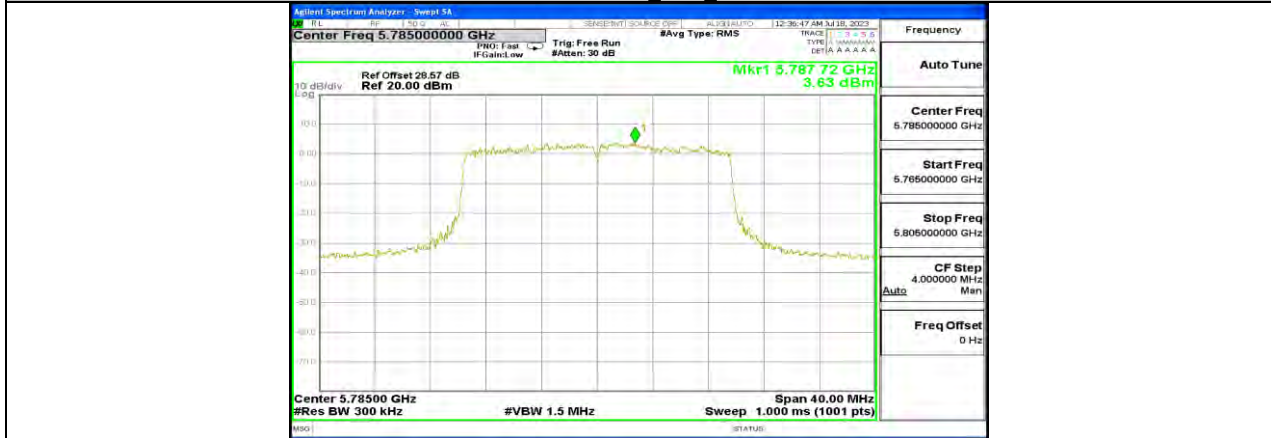
11AX20MIMO Ant1 5720 UNII-3



11AX20MIMO Ant0 5745



11AX20MIMO Ant1 5745



11AX20MIMO Ant0 5785



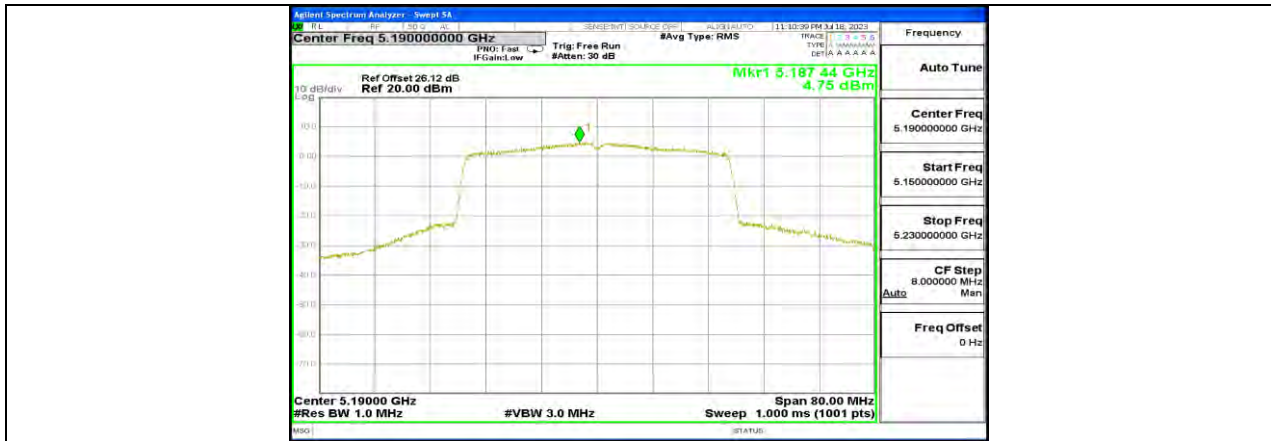
11AX20MIMO Ant1 5785



11AX20MIMO Ant0 5825



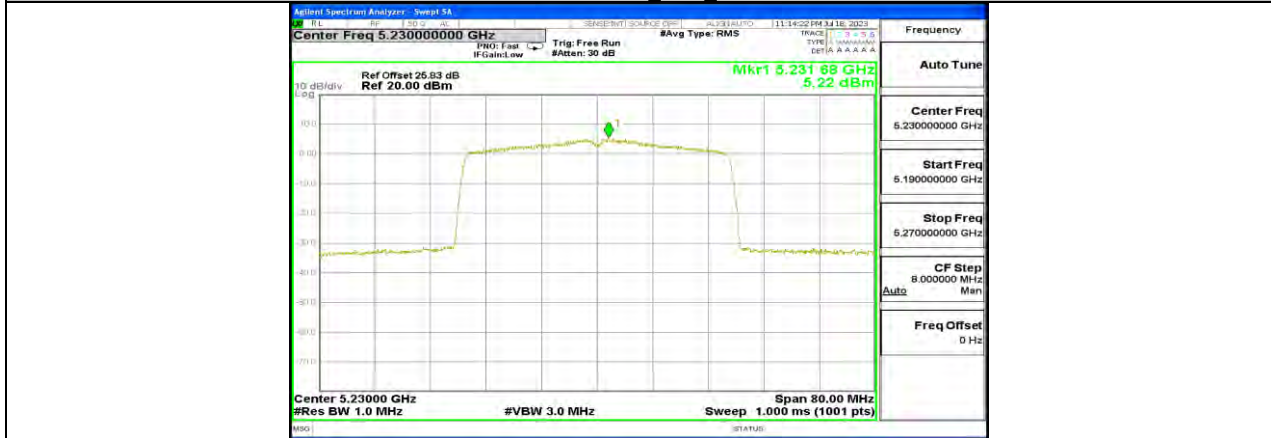
11AX20MIMO Ant1 5825



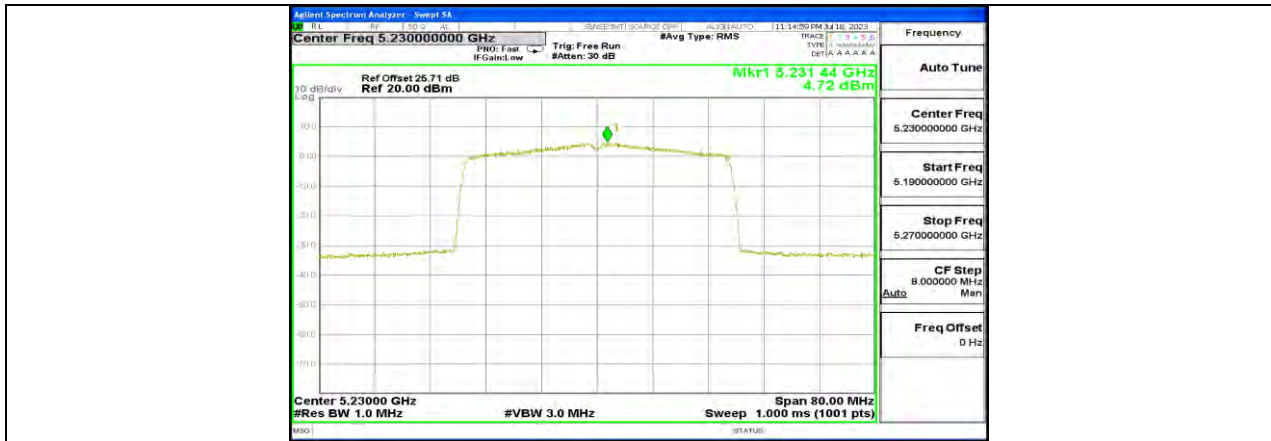
11AX40MIMO Ant0 5190



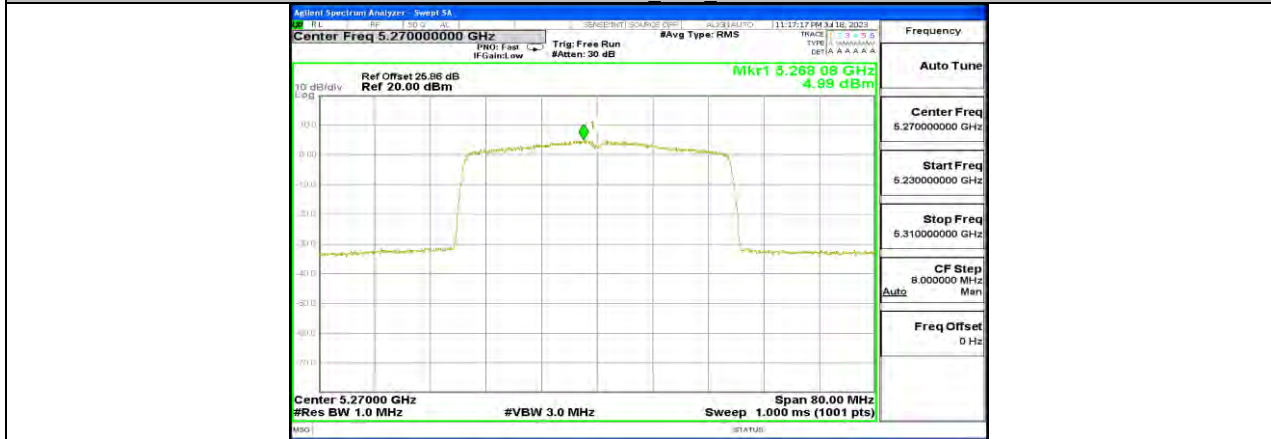
11AX40MIMO Ant1 5190



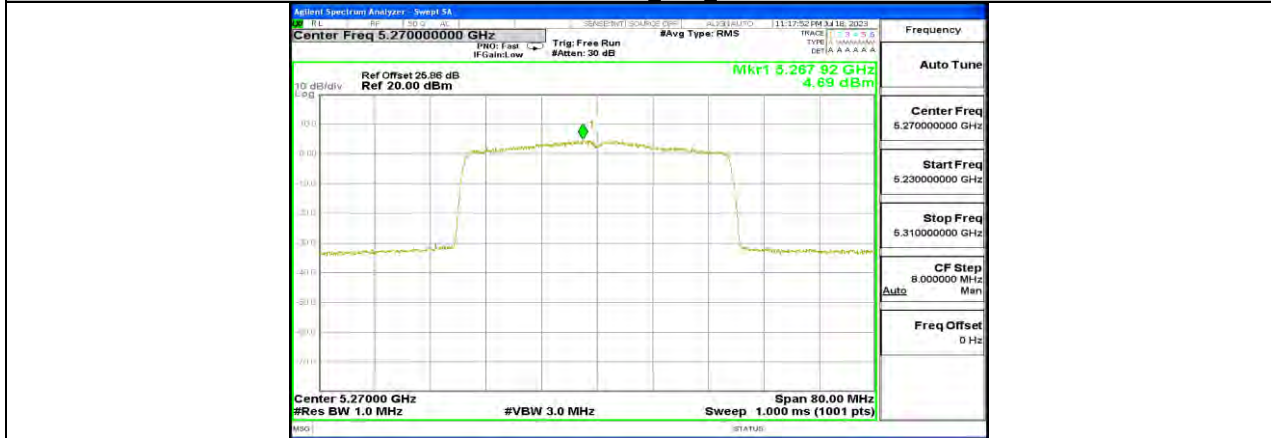
11AX40MIMO Ant0 5230



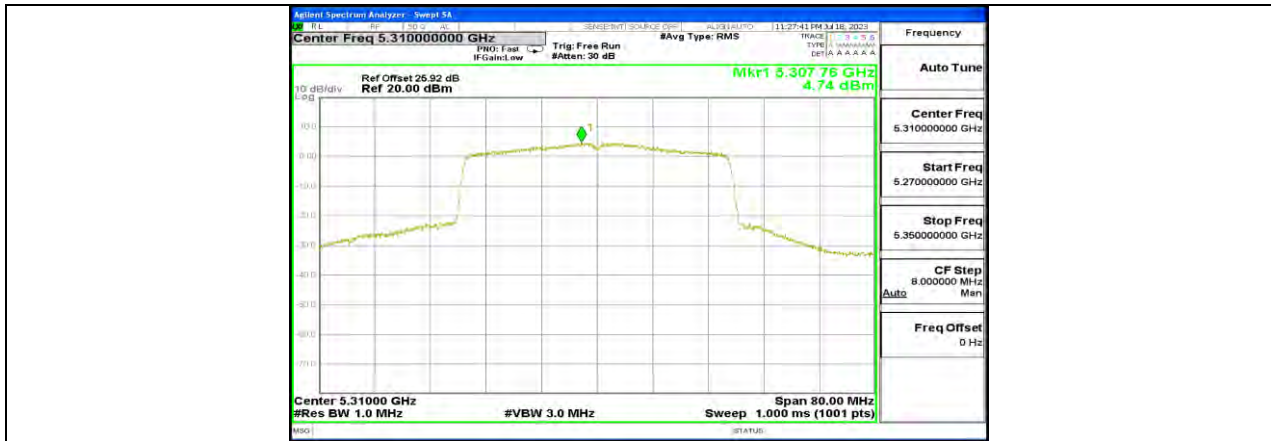
11AX40MIMO Ant1 5230



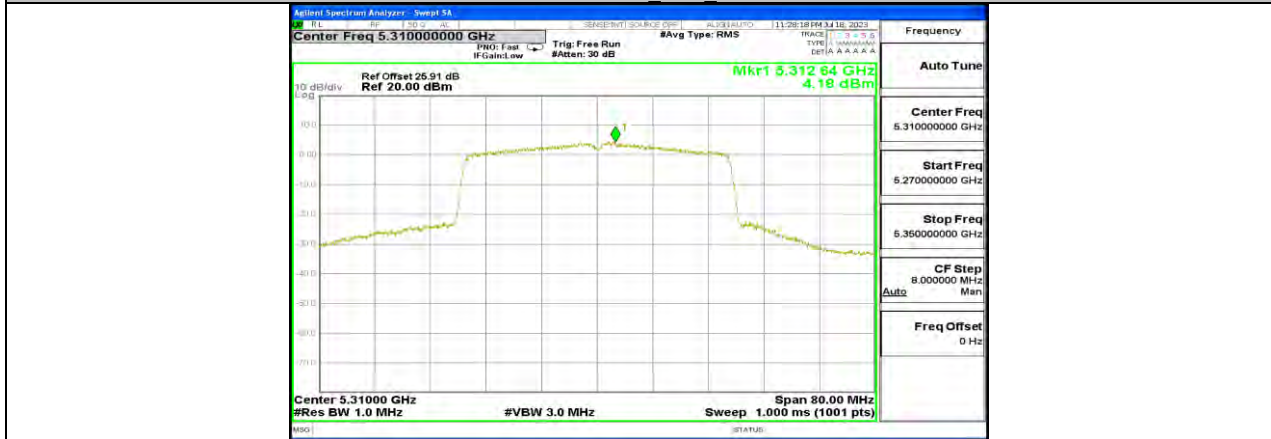
11AX40MIMO Ant0 5270



11AX40MIMO Ant1 5270



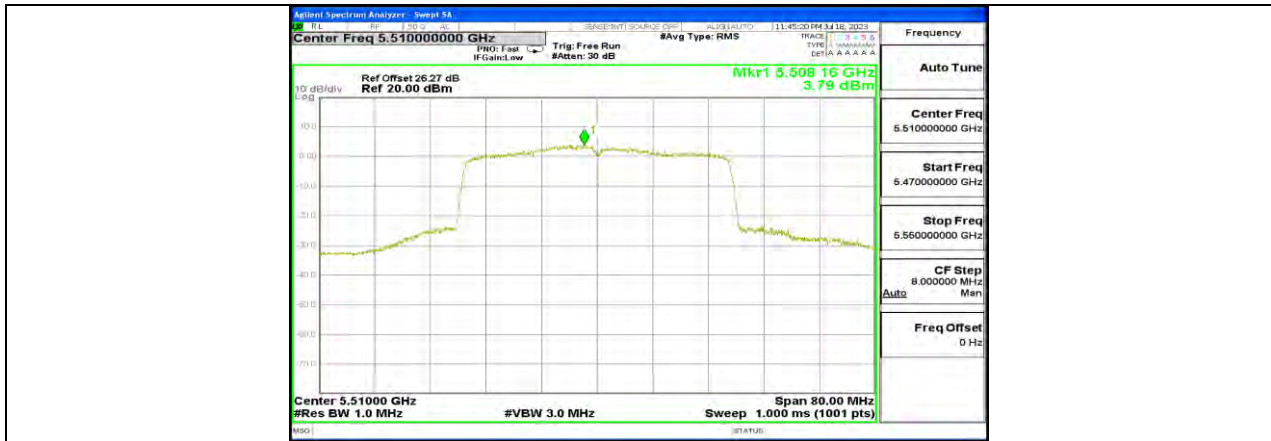
11AX40MIMO Ant0 5310



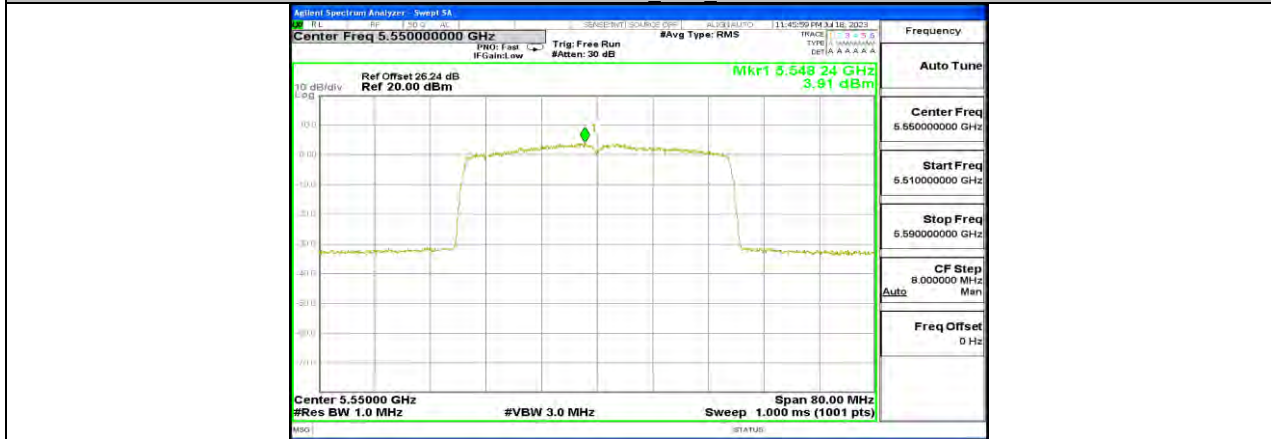
11AX40MIMO Ant1 5310



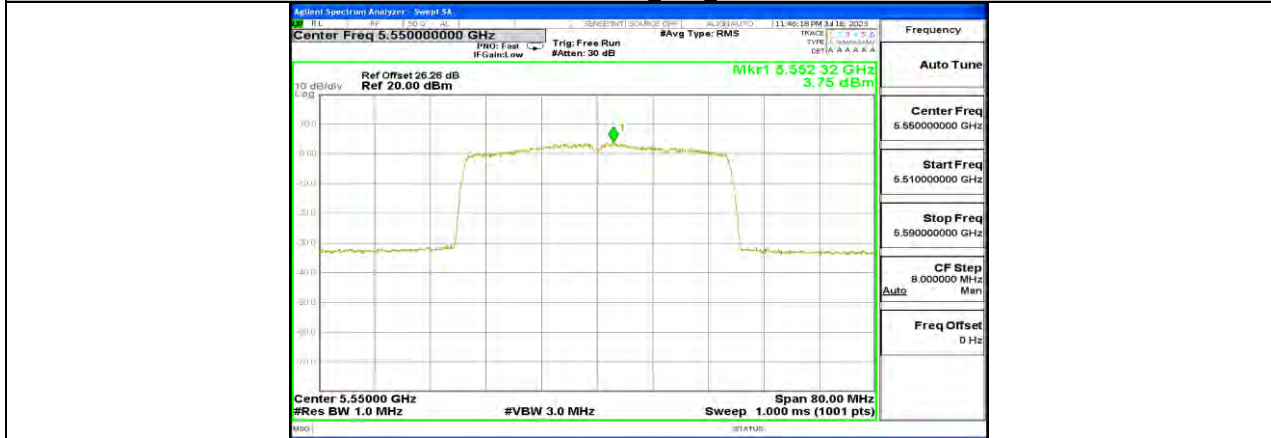
11AX40MIMO Ant0 5510



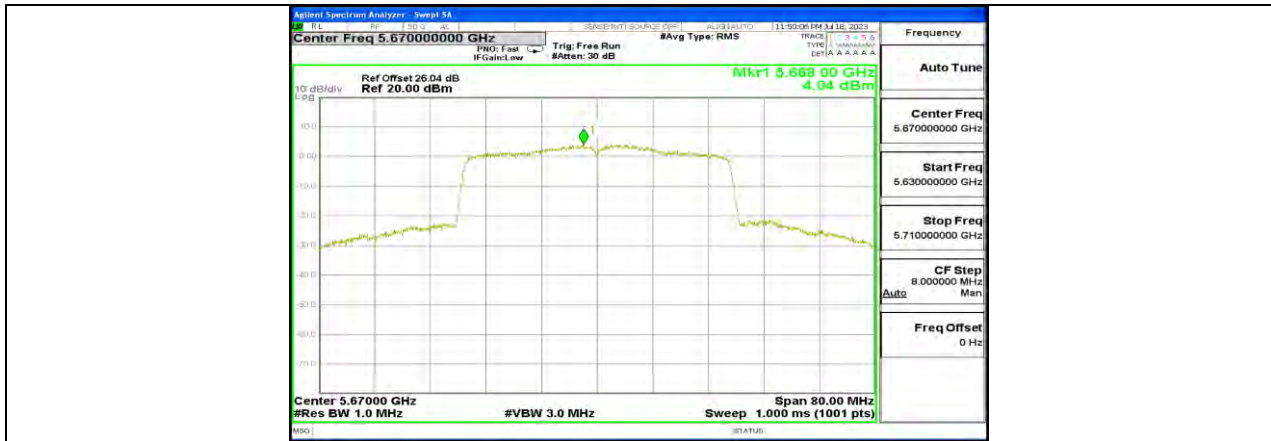
11AX40MIMO Ant1 5510



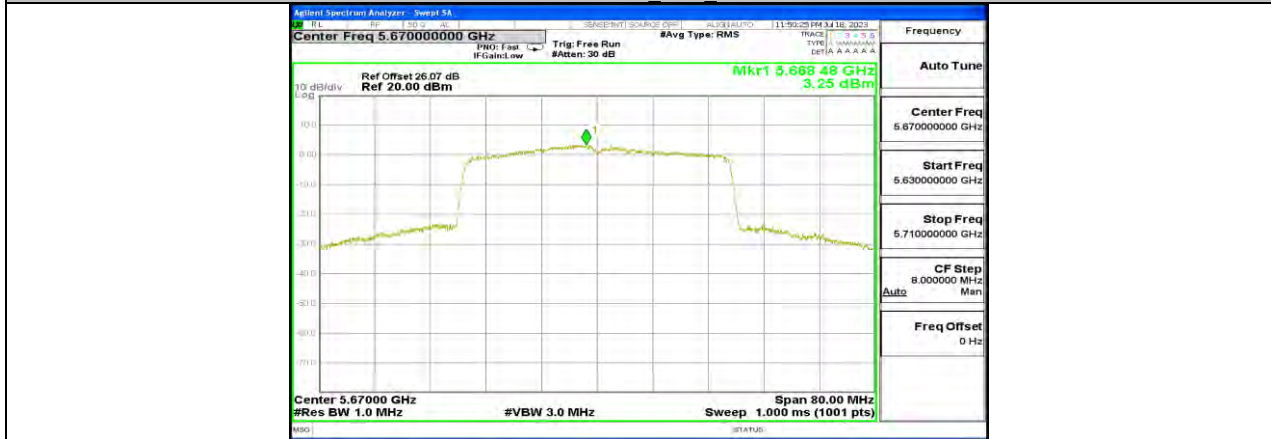
11AX40MIMO Ant0 5550



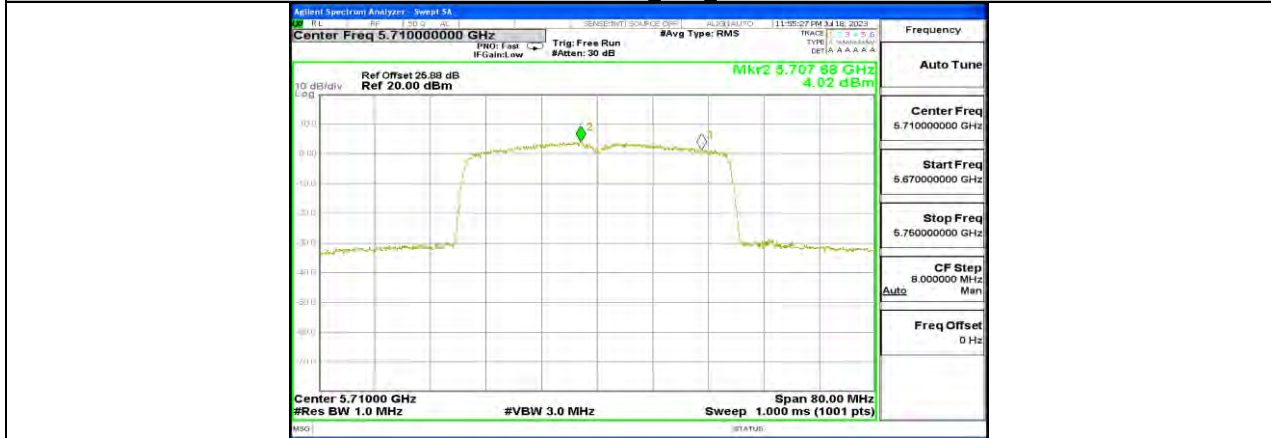
11AX40MIMO Ant1 5550



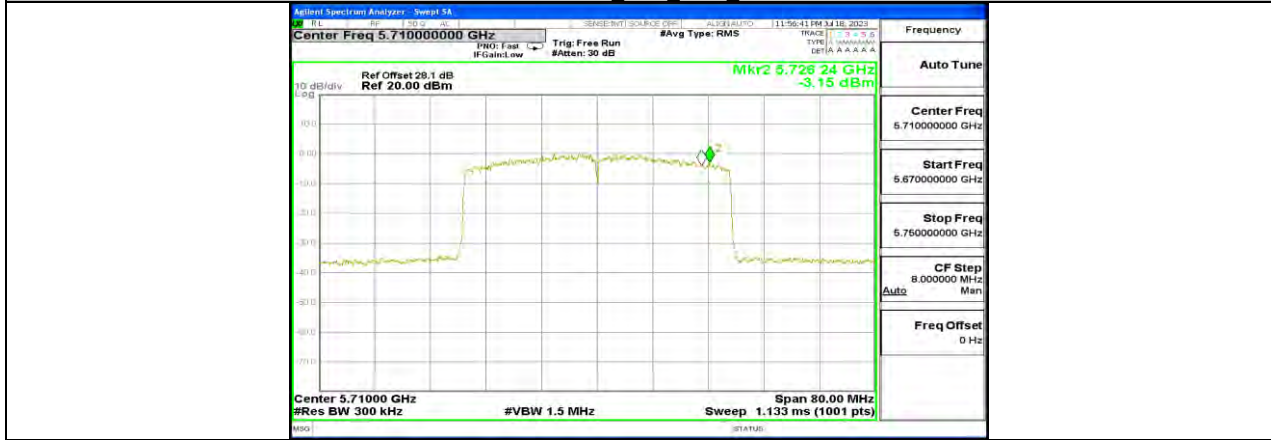
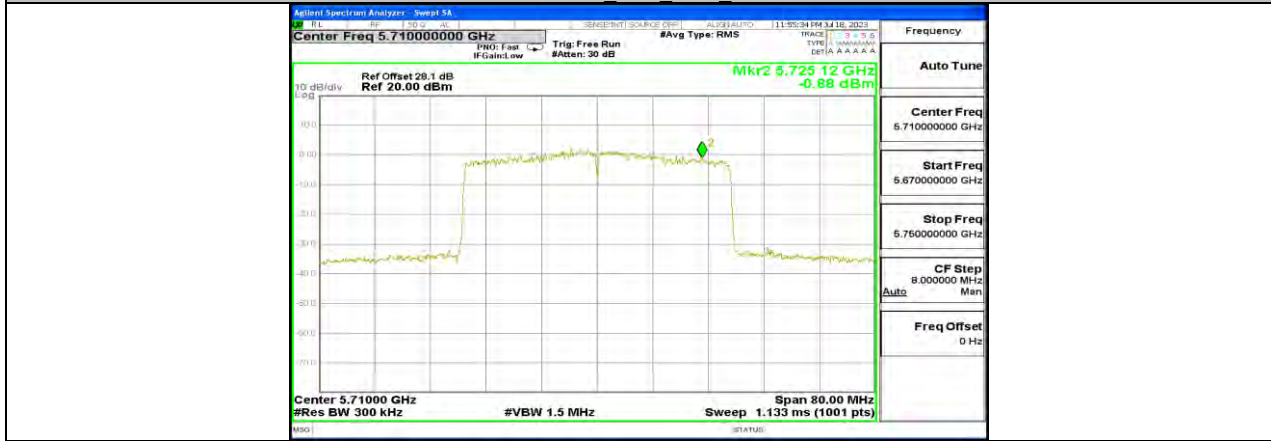
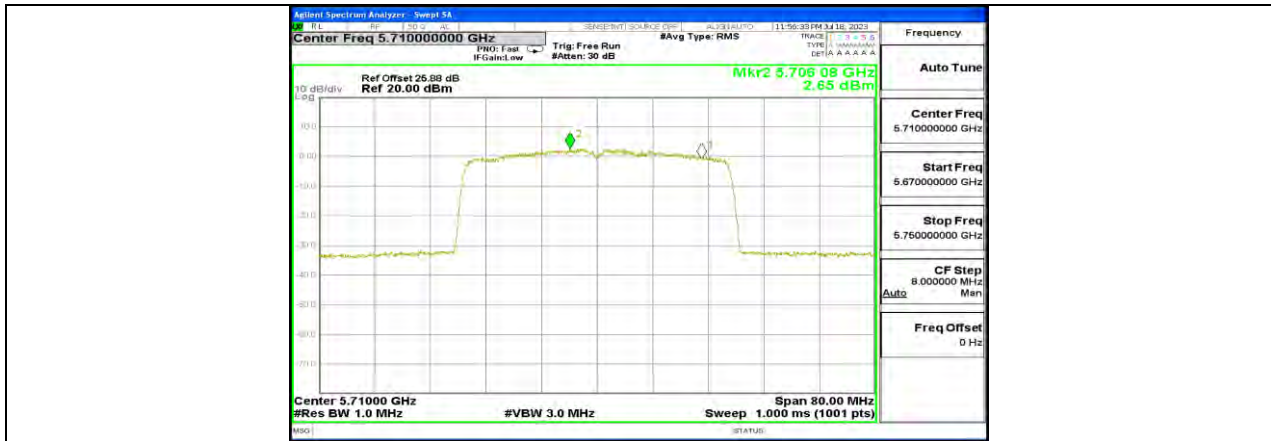
11AX40MIMO Ant0 5670



11AX40MIMO Ant1 5670



11AX40MIMO Ant0 5710 UNII-2C

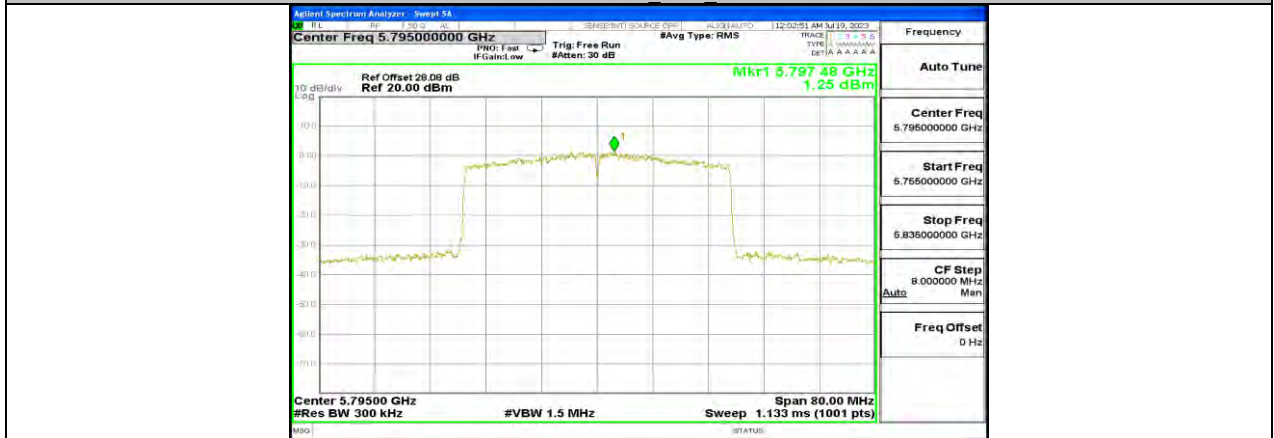




11AX40MIMO Ant0 5755

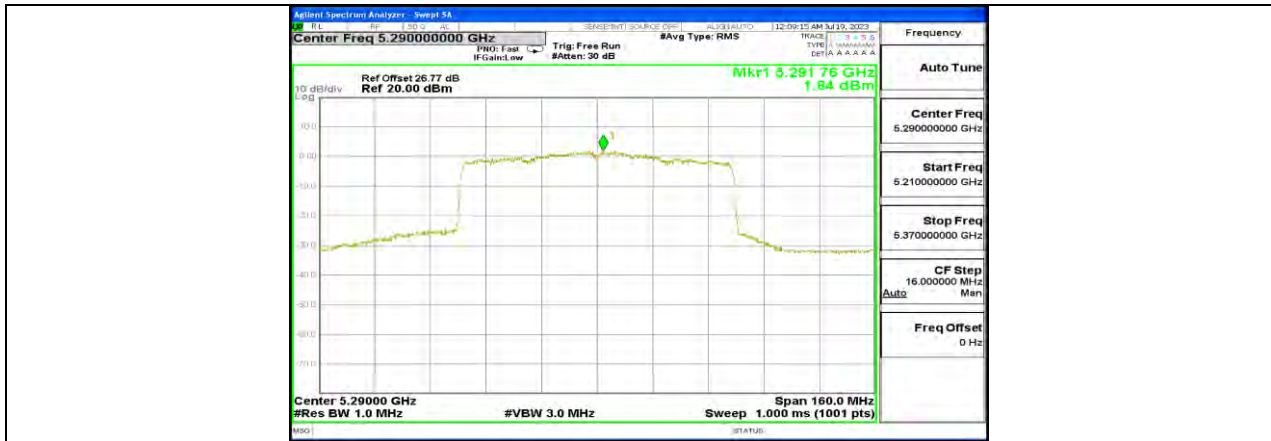


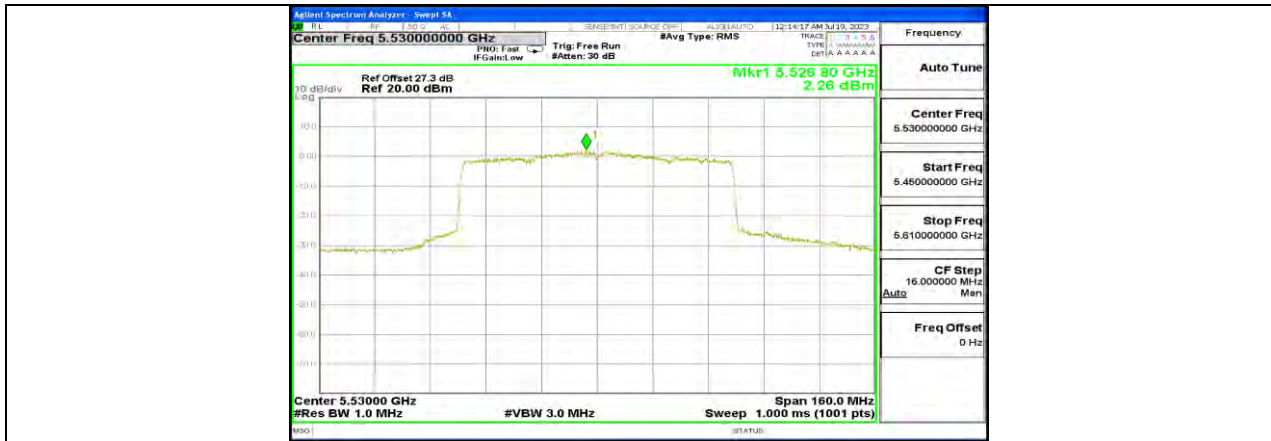
11AX40MIMO Ant1 5755



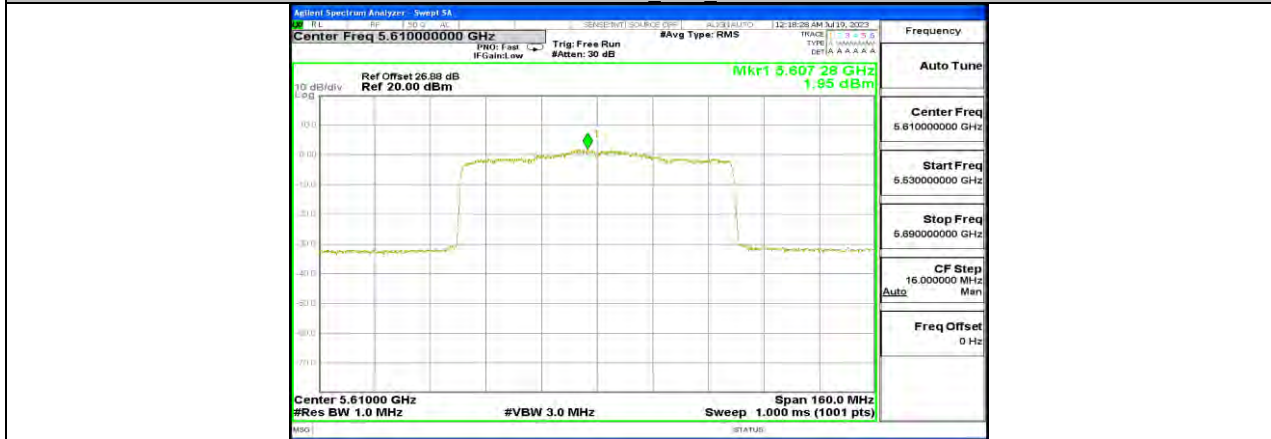
11AX40MIMO Ant0 5795



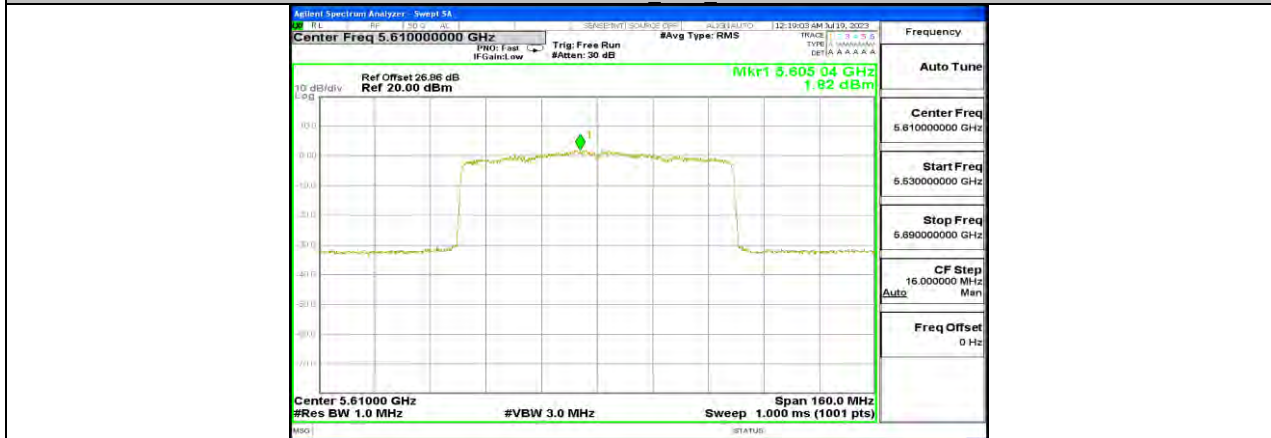




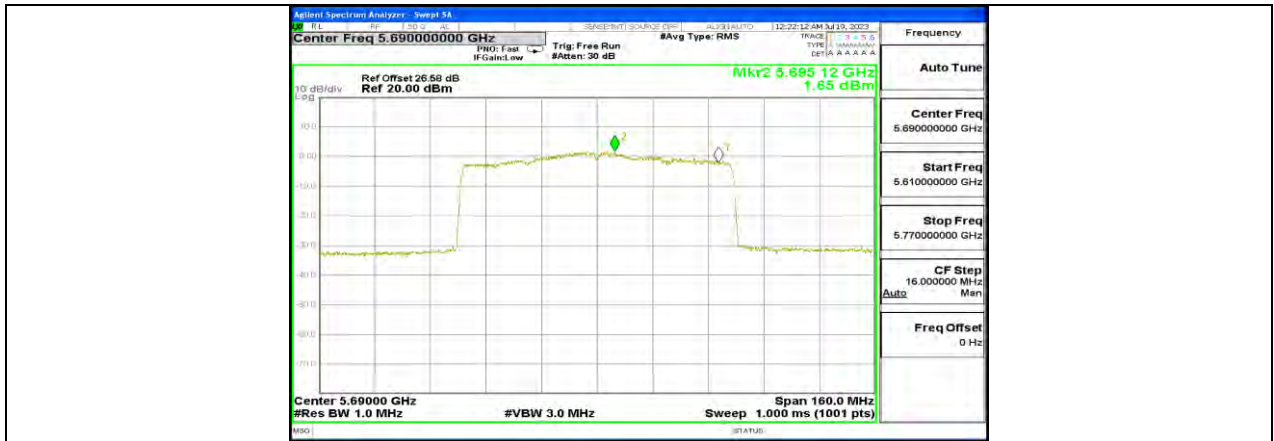
11AX80MIMO Ant1 5530



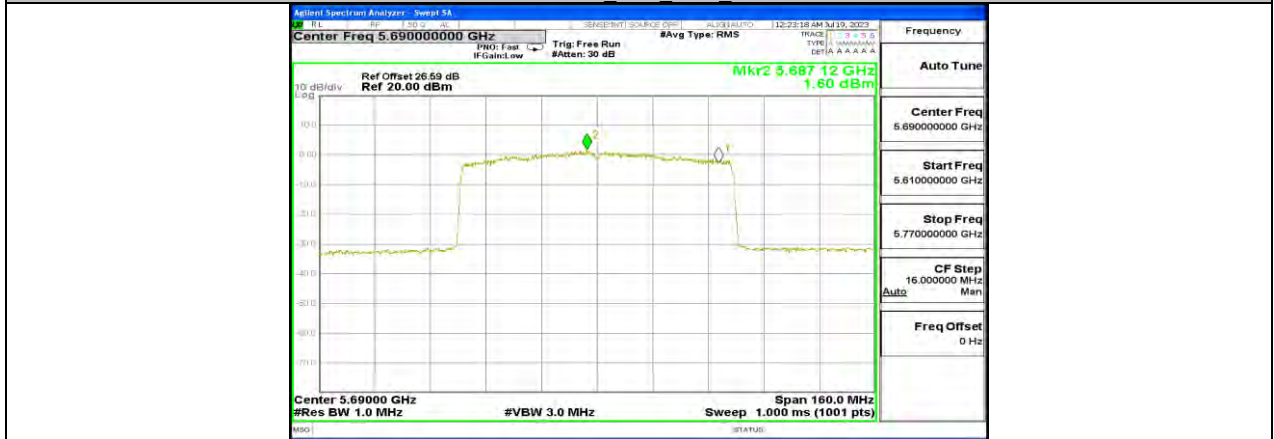
11AX80MIMO Ant0 5610



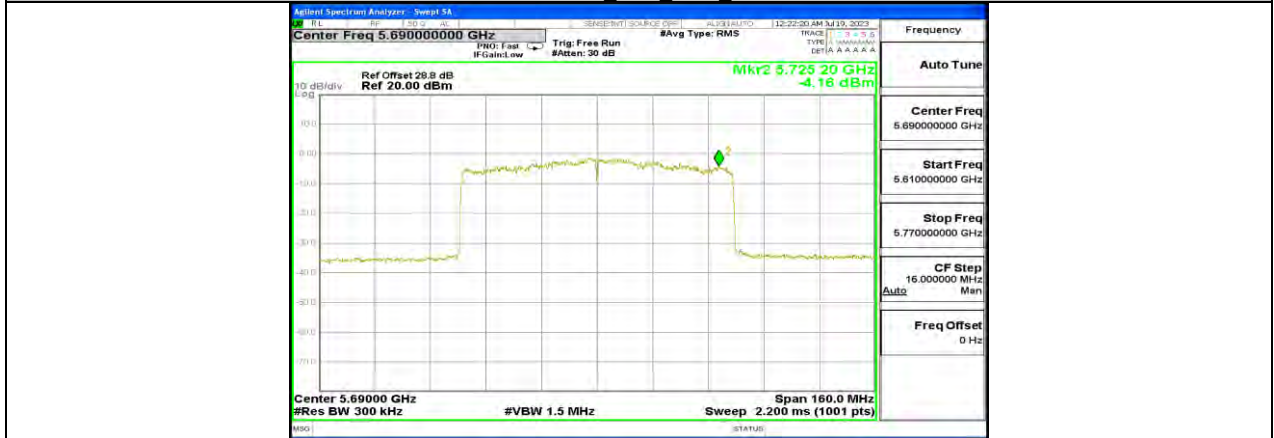
11AX80MIMO Ant1 5610



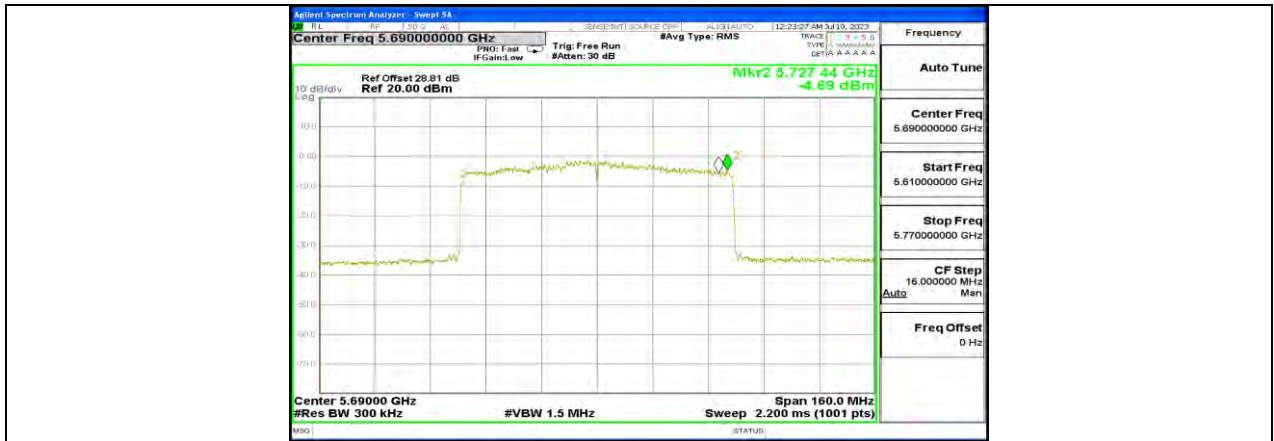
11AX80MIMO Ant0 5690 UNII-2C



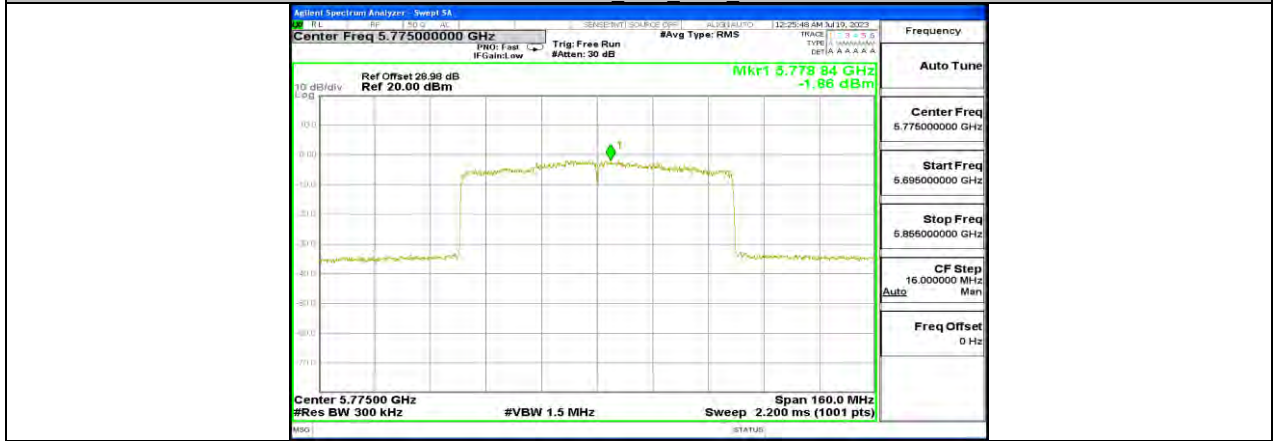
11AX80MIMO Ant1 5690 UNII-2C



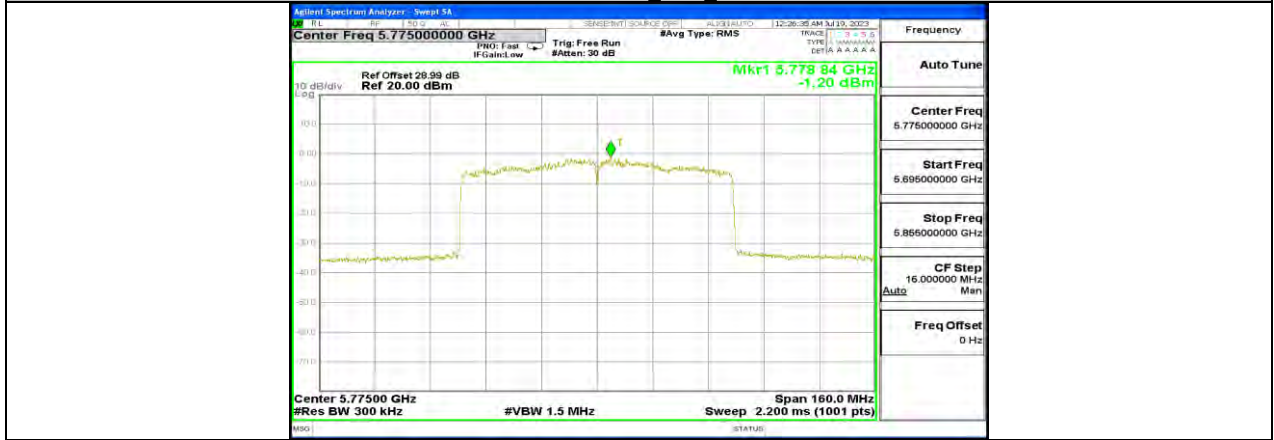
11AX80MIMO Ant0 5690 UNII-3



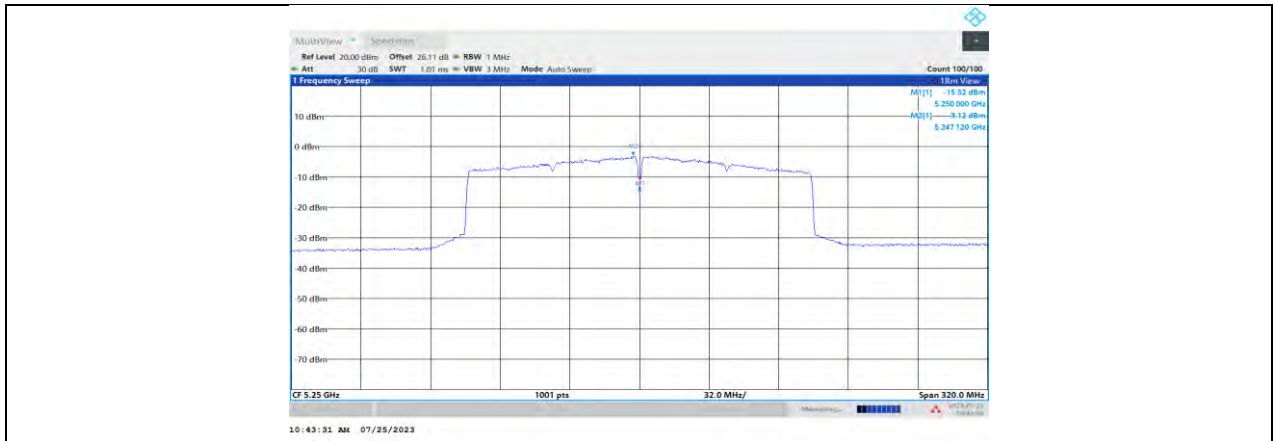
11AX80MIMO Ant1 5690 UNII-3



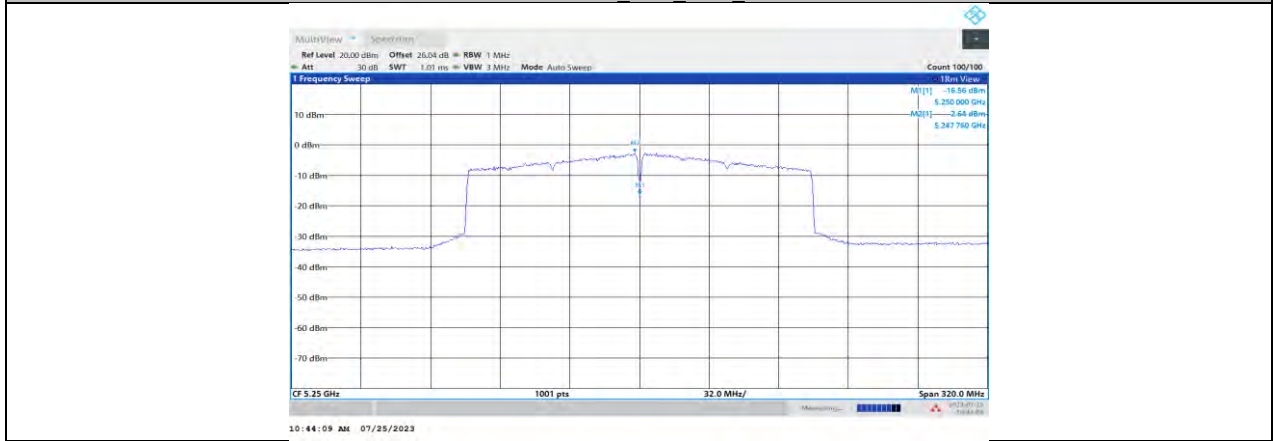
11AX80MIMO Ant0 5775



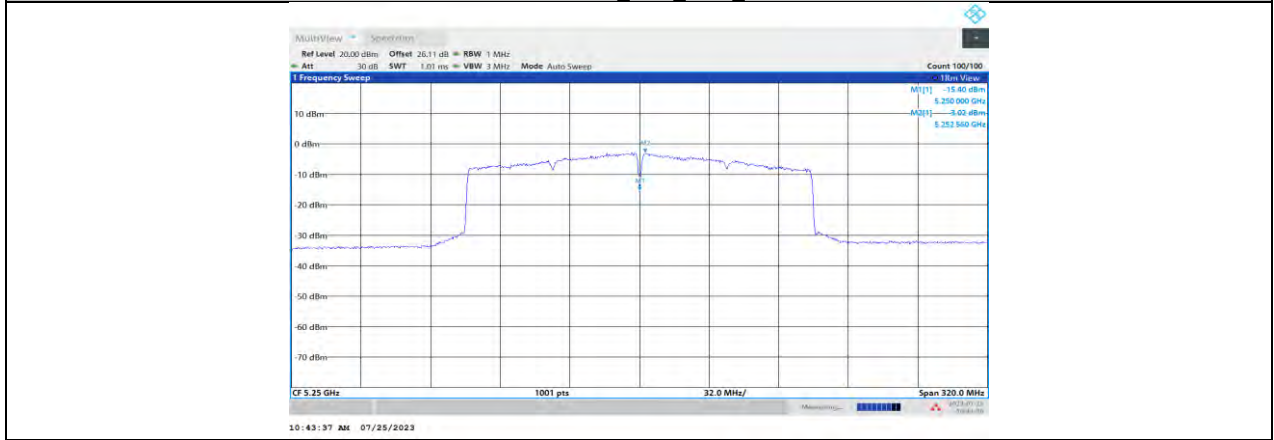
11AX80MIMO Ant1 5775



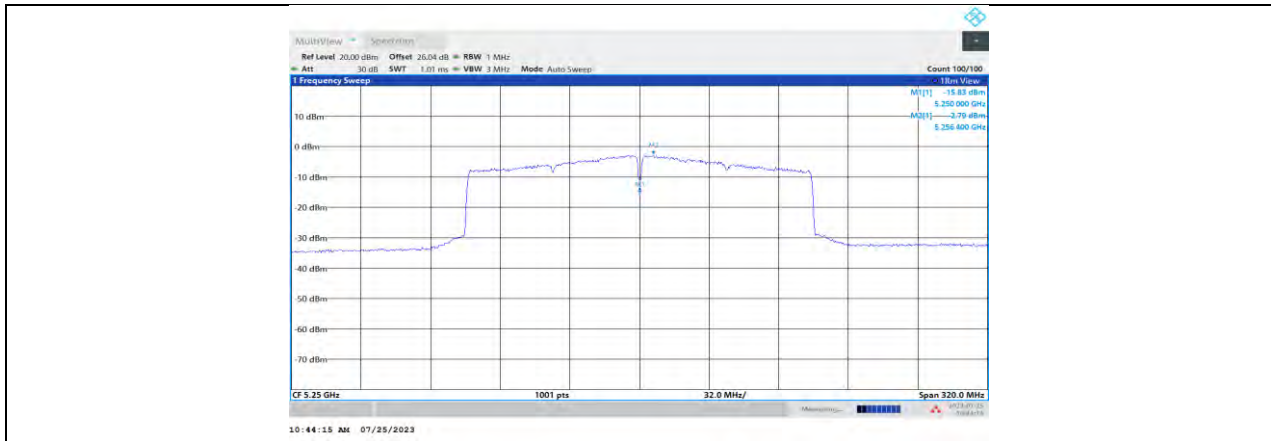
11AX160MIMO_Ant0_5250_UNII-1



11AX160MIMO_Ant1_5250_UNII-1



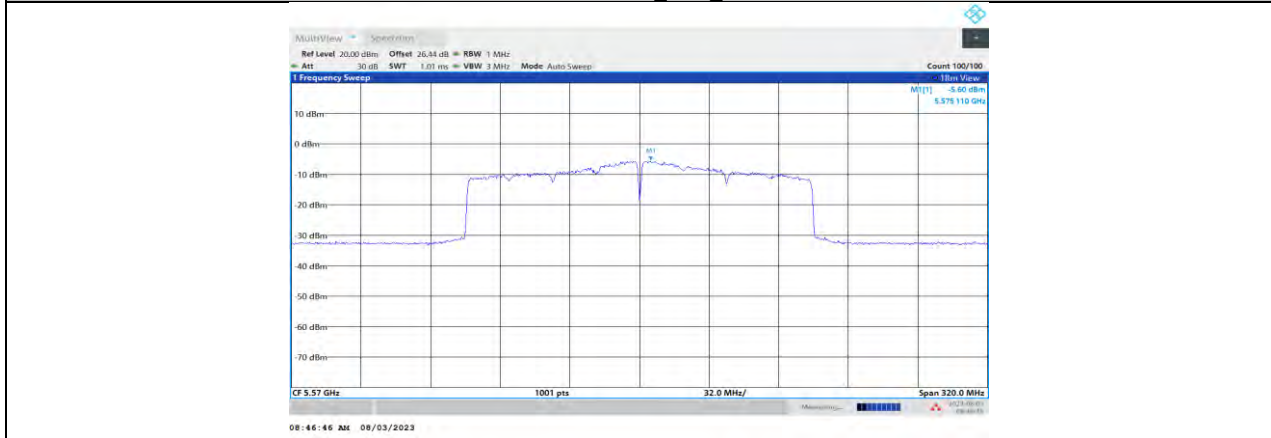
11AX160MIMO_Ant0_5250_UNII-2A



11AX160MIMO Ant1_5250_UNII-2A



11AX160MIMO Ant0_5570



11AX160MIMO Ant1_5570

11.6. APPENDIX D: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0229	4.41	5199.9886	-2.20	5199.9767	-4.49	5200.0049	0.94
TN	VN	5200.0007	0.13	5199.9771	-4.39	5200.0195	3.74	5200.0186	3.58
TN	VH	5200.0010	0.19	5199.9945	-1.05	5200.0224	4.31	5200.0124	2.39

Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5199.9795	-3.95	5200.0020	0.38	5199.9834	-3.19	5199.9873	-2.44
30	VN	5199.9963	-0.72	5200.0116	2.23	5199.9966	-0.66	5200.0145	2.79
20	VN	5199.9940	-1.16	5199.9836	-3.15	5199.9767	-4.48	5200.0127	2.44
10	VN	5199.9890	-2.11	5199.9961	-0.75	5200.0229	4.41	5200.0113	2.18
0	VN	5200.0031	0.59	5200.0002	0.04	5200.0012	0.23	5200.0205	3.95

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX E: DUTY CYCLE
11.7.1. Test Result

Test Mode	Antenna	Frequency[MHz]	On Time (msec)	Period (msec)	Duty Cycle [%]	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	Ant0	5180	1.39	1.45	95.86	0.18	0.72	1
	Ant1	5180	1.4	1.45	96.55	0.15	0.71	1
11N20MIMO	Ant0	5180	0.68	0.73	93.15	0.31	1.47	2
	Ant1	5180	0.67	0.73	91.78	0.37	1.49	2
11N40MIMO	Ant0	5190	0.34	0.4	85	0.71	2.94	3
	Ant1	5190	0.35	0.4	87.5	0.58	2.86	3
11AC80MIMO	Ant0	5210	0.19	0.25	76	1.19	5.26	6
	Ant1	5210	0.19	0.25	76	1.19	5.26	6
11AC160MIMO	Ant0	5250	0.19	0.24	79.17	1.01	5.26	6
	Ant1	5250	0.18	0.24	75	1.25	5.56	6
11AX20MIMO	Ant0	5180	0.21	0.26	80.77	0.93	4.76	5
	Ant1	5180	0.21	0.27	77.78	1.09	4.76	5
11AX40MIMO	Ant0	5190	0.56	0.62	90.32	0.44	1.79	2
	Ant1	5190	0.55	0.61	90.16	0.45	1.82	2
11AX80MIMO	Ant0	5210	0.19	0.25	76	1.19	5.26	6
	Ant1	5210	0.19	0.25	76	1.19	5.26	6
11AX160MIMO	Ant0	5250	0.29	0.35	82.86	0.82	3.45	4
	Ant1	5250	0.29	0.35	82.86	0.82	3.45	4

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.