



11AX20MIMO Ant2 5720 UNII-3



11AX20MIMO Ant1 5745



11AX20MIMO Ant2 5745



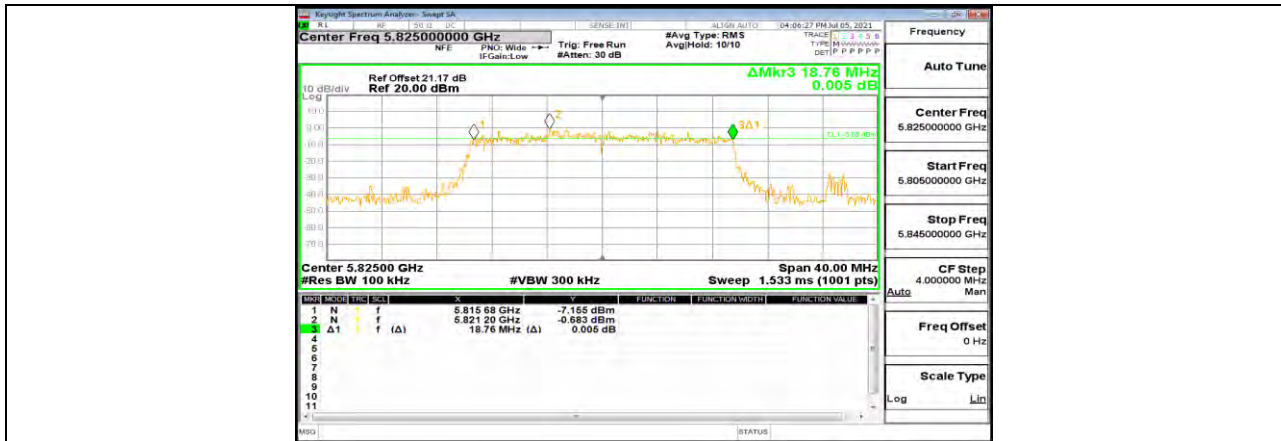
11AX20MIMO Ant1 5785



11AX20MIMO Ant2 5785



11AX20MIMO Ant1 5825



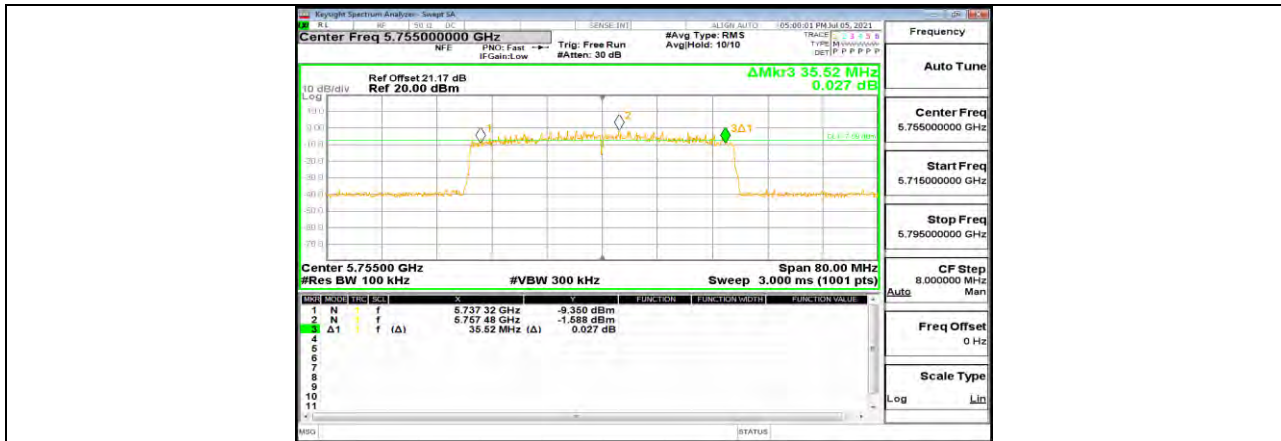
11AX20MIMO Ant2 5825



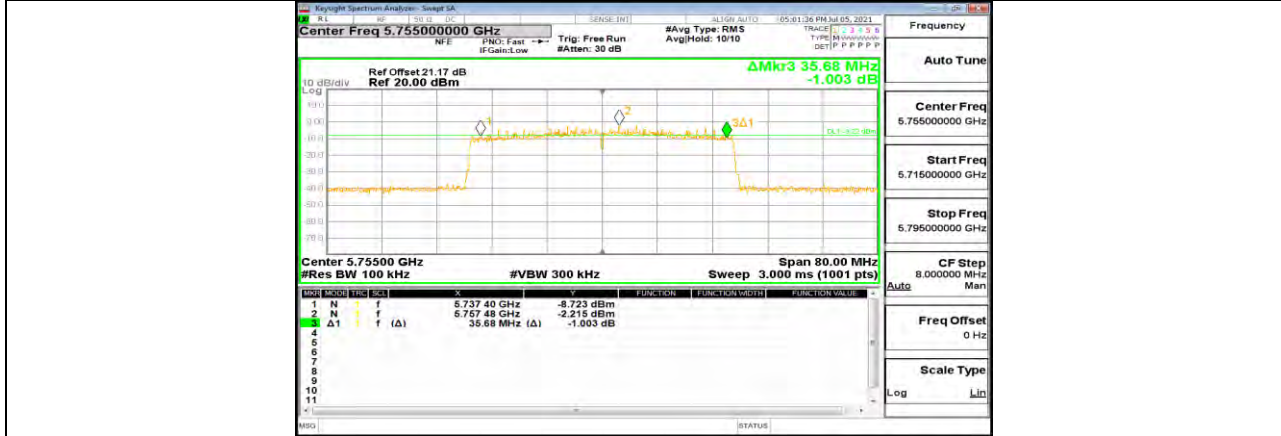
11AX40MIMO Ant1 5710 UNII-3



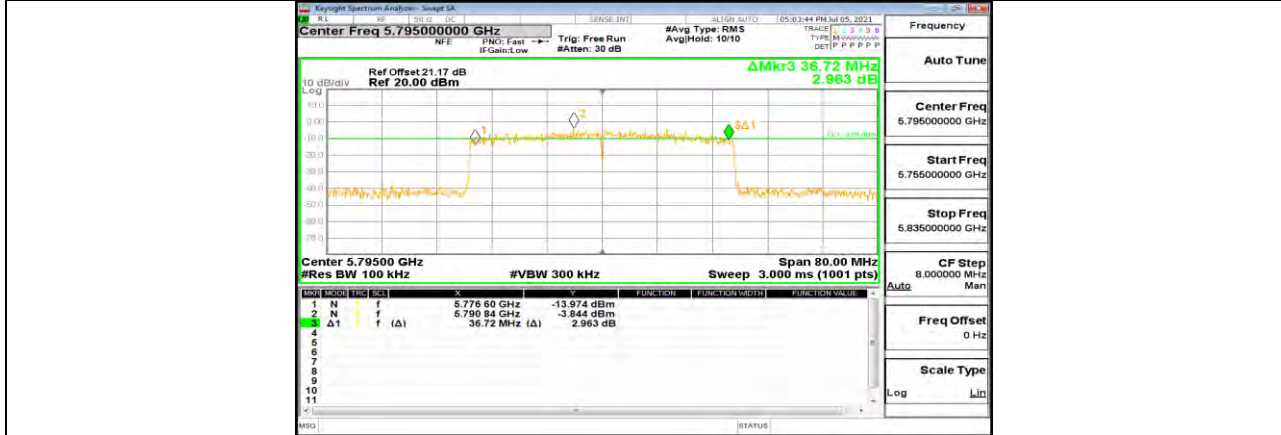
11AX40MIMO Ant2 5710 UNII-3



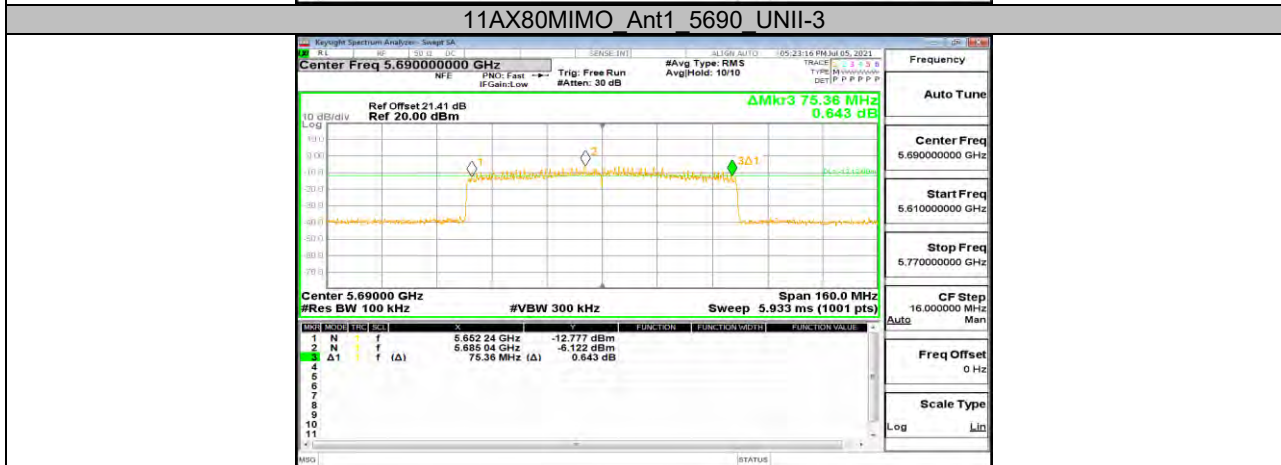
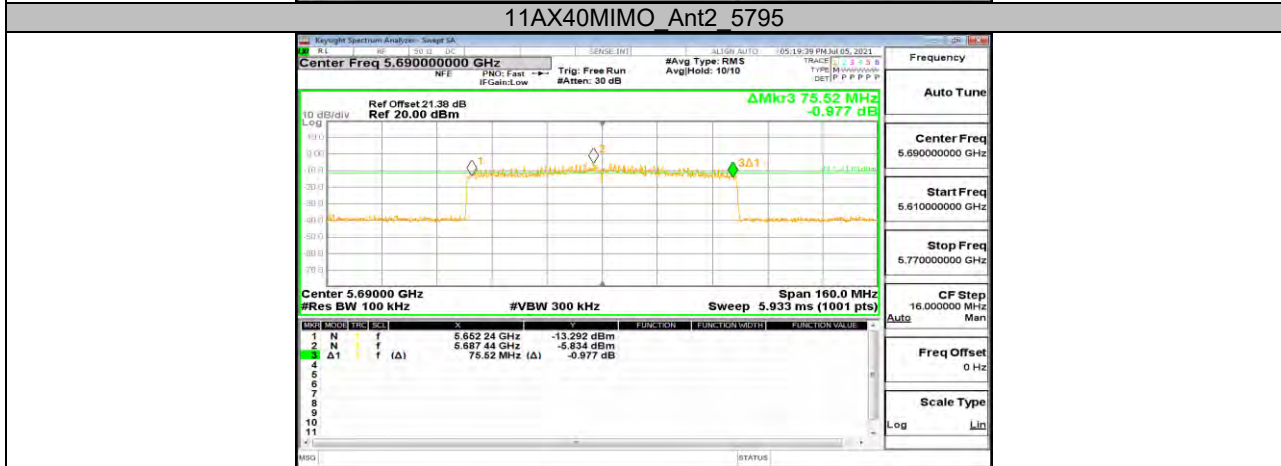
11AX40MIMO Ant1 5755

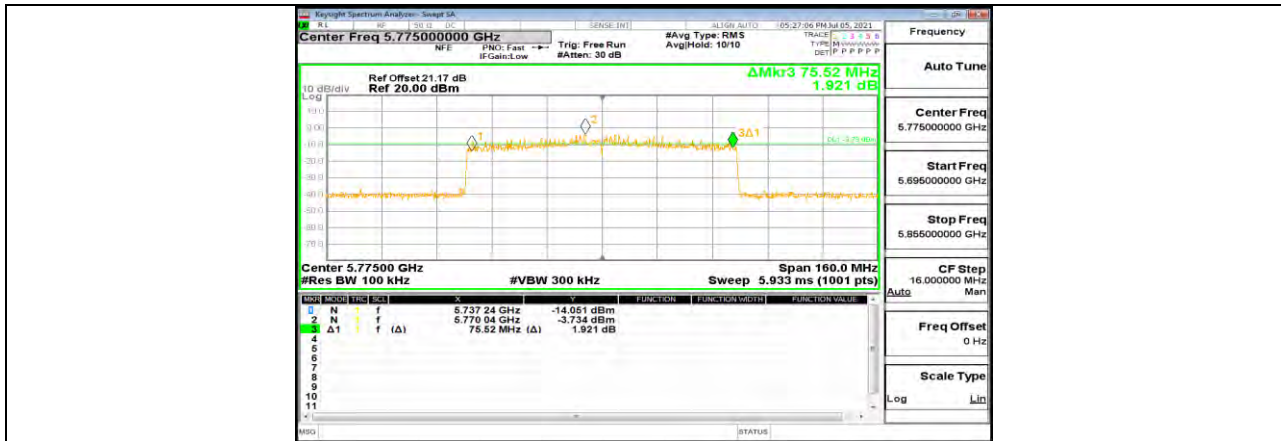


11AX40MIMO Ant2 5755



11AX40MIMO Ant1 5795





11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



13.4. Appendix B: Maximum AVG conducted output power
13.4.1. Test Result

Test Mode	Channel	AVG Conducted Power (dBm)			FCC Limit (dBm)
		ANT0	ANT1	Total	
11A20	5180	15.48	14.91	/	24
	5200	15.72	15.04	/	24
	5240	16.19	15.52	/	24
	5260	15.80	15.49	/	24
	5280	16.09	15.86	/	24
	5320	16.13	15.89	/	24
	5500	13.51	13.46	/	24
	5580	13.62	12.94	/	24
	5700	12.46	11.94	/	24
	5720-UNII-2C	11.90	11.73	/	24
	5720-UNII-3	5.06	5.05	/	30
	5745	15.72	15.71	/	30
	5785	15.97	15.79	/	30
	5825	16.35	16.01	/	30
11N20MIMO	5180	12.94	12.64	15.80	24
	5200	13.60	13.20	16.41	24
	5240	13.94	14.11	17.04	24
	5260	14.94	14.93	17.95	24
	5280	15.39	15.25	18.33	24
	5320	14.96	15.21	18.10	24
	5500	12.14	11.89	15.03	24
	5580	13.60	12.92	16.28	24
	5700	12.60	12.38	15.50	24
	5720-UNII-2C	12.27	12.03	15.16	24
	5720-UNII-3	5.78	5.95	8.88	30
	5745	15.07	14.85	17.97	30
	5785	15.00	14.94	17.98	30
	5825	15.40	15.06	18.24	30
11N40MIMO	5190	13.20	12.88	16.05	24
	5230	14.72	14.22	17.49	24
	5270	15.46	15.20	18.34	24
	5310	14.55	14.88	17.73	24
	5510	15.46	15.45	18.47	24
	5550	15.75	14.57	18.21	24



	5670	15.86	15.10	18.51	24
	5710-UNII-2C	15.69	16.05	18.88	24
	5710-UNII-3	2.39	2.15	5.28	30
	5755	15.30	14.86	18.10	30
	5795	14.92	14.85	17.90	30
11AC80MIMO	5210	14.54	14.13	17.35	24
	5290	13.86	14.05	16.97	24
	5530	11.24	10.41	13.86	24
	5610	12.37	11.62	15.02	24
	5690-UNII-2C	10.56	10.33	13.46	24
	5690-UNII-3	-5.28	-5.63	-2.44	30
11AX20MIMO	5775	14.56	14.25	17.42	30
	5180	13.41	12.67	16.07	24
	5200	13.37	12.89	16.15	24
	5240	13.53	13.20	16.38	24
	5260	13.47	13.45	16.47	24
	5280	13.76	13.60	16.69	24
	5320	13.56	13.62	16.60	24
	5500	13.40	12.62	16.04	24
	5580	13.33	12.82	16.09	24
	5700	13.40	12.81	16.13	24
	5720-UNII-2C	12.27	12.08	15.19	24
	5720-UNII-3	6.73	6.23	9.50	30
	5745	13.33	12.75	16.06	30
	5785	13.48	12.98	16.25	30
5825	13.80	13.21	16.53	30	
11AX40MIMO	5190	13.35	12.78	16.08	24
	5230	13.52	13.14	16.34	24
	5270	13.52	13.45	16.50	24
	5310	13.22	13.26	16.25	24
	5510	13.46	12.61	16.07	24
	5550	13.67	12.89	16.31	24
	5670	13.46	13.03	16.26	24
	5710-UNII-2C	12.72	12.52	15.63	24
	5710-UNII-3	0.99	0.67	3.84	30
	5755	13.39	12.81	16.12	30
5795	13.43	12.94	16.20	30	
11AX80MIMO	5210	13.27	12.89	16.09	24
	5290	13.57	13.55	16.57	24
	5530	11.66	10.55	14.15	24
	5610	12.63	11.87	15.28	24



	5690-UNII-2C	10.65	10.42	13.55	24
	5690-UNII-3	-4.35	-4.52	-1.42	30
	5775	13.52	12.67	16.13	30

- 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.



13.5. Appendix C: Maximum power spectral density
13.5.1. Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A20	Ant0	5180	4.16	<=11	PASS
		5200	5.11	<=11	PASS
		5240	4.97	<=11	PASS
		5260	5.54	<=11	PASS
		5280	5.16	<=11	PASS
		5320	5.46	<=11	PASS
		5500	3.55	<=11	PASS
		5580	3.63	<=11	PASS
		5700	2.63	<=11	PASS
	5720 UNII-2C	2.35	<=11	PASS	
	Ant1	5720 UNII-2C	2.22	<=11	PASS
	Ant0	5720 UNII-3	-1.37	<=11	PASS
	Ant1	5720 UNII-3	-1.94	<=11	PASS
Ant0	5745	3	<=30	PASS	
	5785	3.55	<=30	PASS	
	5825	3.22	<=30	PASS	
11N20MIMO	Ant0	5180	2.2	<=11	PASS
	Ant1	5180	2.14	<=11	PASS
	total	5180	5.18	<=11	PASS
	Ant0	5200	4.06	<=11	PASS
	Ant1	5200	3.59	<=11	PASS
	total	5200	6.84	<=11	PASS
	Ant0	5240	4.27	<=11	PASS
	Ant1	5240	4.24	<=11	PASS
	total	5240	7.27	<=11	PASS
	Ant0	5260	5.45	<=11	PASS
	Ant1	5260	5.57	<=11	PASS
	total	5260	8.52	<=11	PASS
	Ant0	5280	5.21	<=11	PASS
	Ant1	5280	5.11	<=11	PASS
	total	5280	8.17	<=11	PASS
	Ant0	5320	4.6	<=11	PASS
	Ant1	5320	5.56	<=11	PASS
	total	5320	8.12	<=11	PASS
	Ant0	5500	2.76	<=11	PASS
	Ant1	5500	1.87	<=11	PASS
	total	5500	5.35	<=11	PASS
	Ant0	5580	3.81	<=11	PASS
	Ant1	5580	2.72	<=11	PASS
	total	5580	6.31	<=11	PASS
	Ant0	5700	2.74	<=11	PASS
	Ant1	5700	2.55	<=11	PASS
	total	5700	5.66	<=11	PASS
	Ant0	5720 UNII-2C	2.74	<=11	PASS
	Ant1	5720 UNII-2C	2.18	<=11	PASS
	total	5720 UNII-2C	5.48	<=11	PASS
	Ant0	5720 UNII-3	-1.64	<=11	PASS
	Ant1	5720 UNII-3	-2.16	<=11	PASS
	total	5720 UNII-3	1.12	<=11	PASS
Ant0	5745	2.18	<=30	PASS	
Ant1	5745	1.9	<=30	PASS	
total	5745	5.05	<=30	PASS	
Ant0	5785	2.66	<=30	PASS	



	Ant1	5785	2.27	<=30	PASS
	total	5785	5.48	<=30	PASS
	Ant0	5825	2.2	<=30	PASS
	Ant1	5825	2.44	<=30	PASS
	total	5825	5.33	<=30	PASS
11N40MIMO	Ant0	5190	1.29	<=11	PASS
	Ant1	5190	0.73	<=11	PASS
	total	5190	4.03	<=11	PASS
	Ant0	5230	2.28	<=11	PASS
	Ant1	5230	1.29	<=11	PASS
	total	5230	4.82	<=11	PASS
	Ant0	5270	3.87	<=11	PASS
	Ant1	5270	3.75	<=11	PASS
	total	5270	6.82	<=11	PASS
	Ant0	5310	2.41	<=11	PASS
	Ant1	5310	2.52	<=11	PASS
	total	5310	5.48	<=11	PASS
	Ant0	5510	3.46	<=11	PASS
	Ant1	5510	2.65	<=11	PASS
	total	5510	6.08	<=11	PASS
	Ant0	5550	2.99	<=11	PASS
	Ant1	5550	2.6	<=11	PASS
	total	5550	5.81	<=11	PASS
	Ant0	5670	2.88	<=11	PASS
	Ant1	5670	2.79	<=11	PASS
	total	5670	5.85	<=11	PASS
	Ant0	5710 UNII-2C	3.52	<=11	PASS
	Ant1	5710 UNII-2C	3.25	<=11	PASS
	total	5710 UNII-2C	6.40	<=11	PASS
	Ant0	5710 UNII-3	-4.03	<=11	PASS
	Ant1	5710 UNII-3	-3.72	<=11	PASS
	total	5710 UNII-3	-0.86	<=11	PASS
	Ant0	5755	0.23	<=30	PASS
	Ant1	5755	-0.43	<=30	PASS
	total	5755	2.92	<=30	PASS
	Ant0	5795	0.57	<=30	PASS
	Ant1	5795	-0.12	<=30	PASS
total	5795	3.25	<=30	PASS	
11AC80MIMO	Ant0	5210	-0.6	<=11	PASS
	Ant1	5210	-1.35	<=11	PASS
	total	5210	2.05	<=11	PASS
	Ant0	5290	-2.05	<=11	PASS
	Ant1	5290	-2.55	<=11	PASS
	total	5290	0.72	<=11	PASS
	Ant0	5530	-4.13	<=11	PASS
	Ant1	5530	-5.22	<=11	PASS
	total	5530	-1.63	<=11	PASS
	Ant0	5610	-3.19	<=11	PASS
	Ant1	5610	-3.62	<=11	PASS
	total	5610	-0.39	<=11	PASS
	Ant0	5690 UNII-2C	-5	<=11	PASS
	Ant1	5690 UNII-2C	-5.49	<=11	PASS
	total	5690 UNII-2C	-2.23	<=11	PASS
	Ant0	5690 UNII-3	-11.44	<=11	PASS
	Ant1	5690 UNII-3	-11.66	<=11	PASS
	total	5690 UNII-3	-8.54	<=11	PASS
	11AX20MIMO	Ant0	5775	-3.5	<=30
Ant1		5775	-3.75	<=30	PASS
total		5775	-0.61	<=30	PASS
11AX20MIMO	Ant0	5180	2.8	<=11	PASS



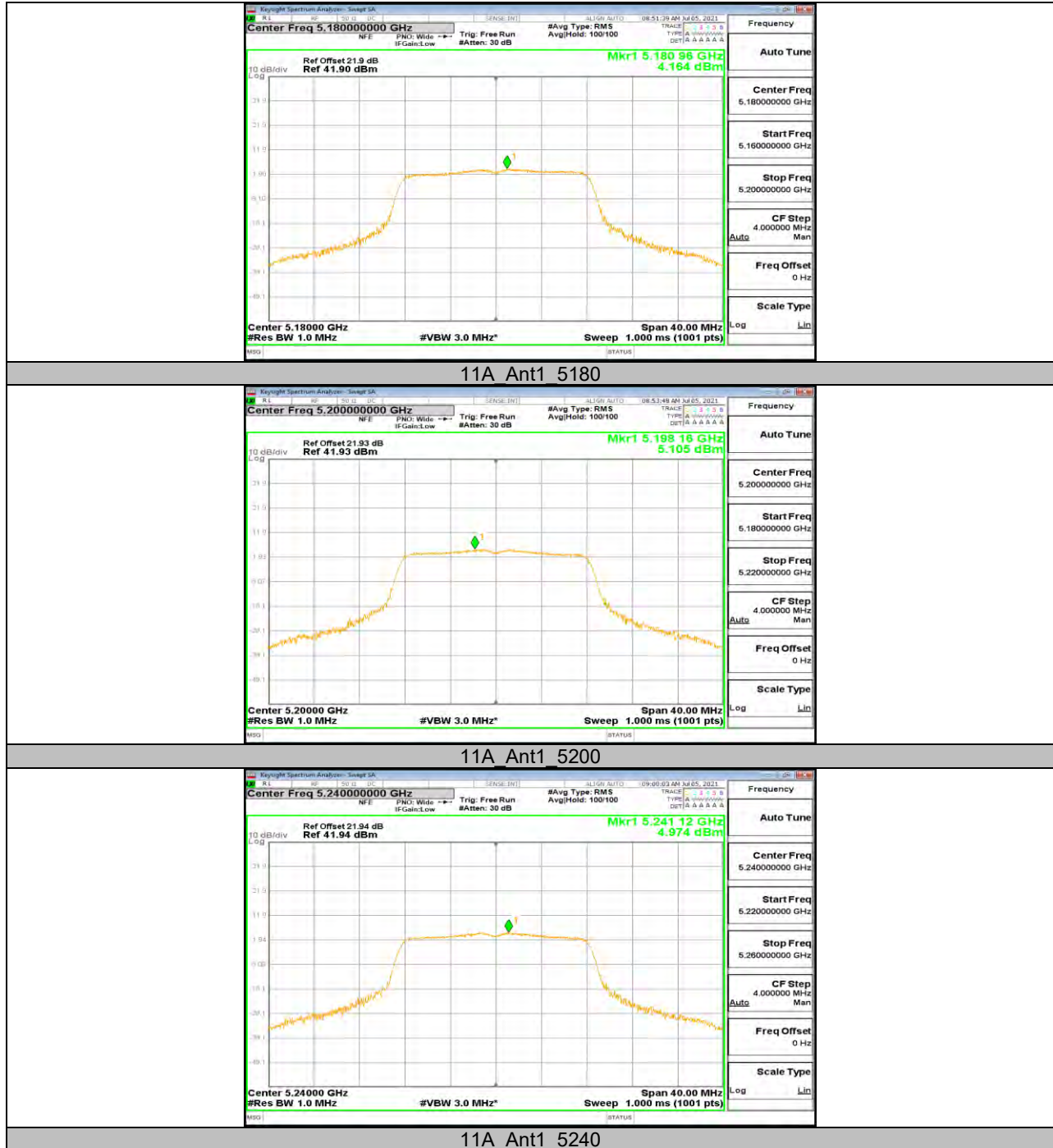
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	total	5180	5.57	<=11	PASS
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	Ant1	5200	2.75	<=11	PASS
	total	5200	5.75	<=11	PASS
	Ant0	5240	3.35	<=11	PASS
	Ant1	5240	2.69	<=11	PASS
	total	5240	6.04	<=11	PASS
	Ant0	5260	3.2	<=11	PASS
	Ant1	5260	2.99	<=11	PASS
	total	5260	6.11	<=11	PASS
	Ant0	5280	3.28	<=11	PASS
	Ant1	5280	3.16	<=11	PASS
	total	5280	6.23	<=11	PASS
	Ant0	5320	2.46	<=11	PASS
	Ant1	5320	2.86	<=11	PASS
	total	5320	5.67	<=11	PASS
	Ant0	5500	2.68	<=11	PASS
	Ant1	5500	2.02	<=11	PASS
	total	5500	5.37	<=11	PASS
	Ant0	5580	3.71	<=11	PASS
	Ant1	5580	2.68	<=11	PASS
	total	5580	6.24	<=11	PASS
	Ant0	5700	2.34	<=11	PASS
	Ant1	5700	2.86	<=11	PASS
	total	5700	5.62	<=11	PASS
	Ant0	5720 UNII-2C	2.85	<=11	PASS
	Ant1	5720 UNII-2C	3.03	<=11	PASS
	total	5720 UNII-2C	5.95	<=11	PASS
	Ant0	5720 UNII-3	-0.56	<=11	PASS
	Ant1	5720 UNII-3	-1.31	<=11	PASS
	total	5720 UNII-3	2.09	<=11	PASS
	Ant0	5745	0.37	<=30	PASS
	Ant1	5745	-1.11	<=30	PASS
	total	5745	2.70	<=30	PASS
	Ant0	5785	0.04	<=30	PASS
	Ant1	5785	-0.4	<=30	PASS
	total	5785	2.84	<=30	PASS
	Ant0	5825	0.01	<=30	PASS
	Ant1	5825	-0.32	<=30	PASS
	total	5825	2.86	<=30	PASS
11AX40MIMO	Ant0	5190	-0.11	<=11	PASS
	Ant1	5190	0.27	<=11	PASS
	total	5190	3.09	<=11	PASS
	Ant0	5230	0.37	<=11	PASS
	Ant1	5230	-0.23	<=11	PASS
	total	5230	3.09	<=11	PASS
	Ant0	5270	0.27	<=11	PASS
	Ant1	5270	0.85	<=11	PASS
	total	5270	3.58	<=11	PASS
	Ant0	5310	0.59	<=11	PASS
	Ant1	5310	-0.05	<=11	PASS
	total	5310	3.29	<=11	PASS
	Ant0	5510	0.43	<=11	PASS
	Ant1	5510	-0.35	<=11	PASS
	total	5510	3.07	<=11	PASS
	Ant0	5550	0.86	<=11	PASS
Ant1	5550	0.49	<=11	PASS	
total	5550	3.69	<=11	PASS	
Ant0	5670	-0.21	<=11	PASS	

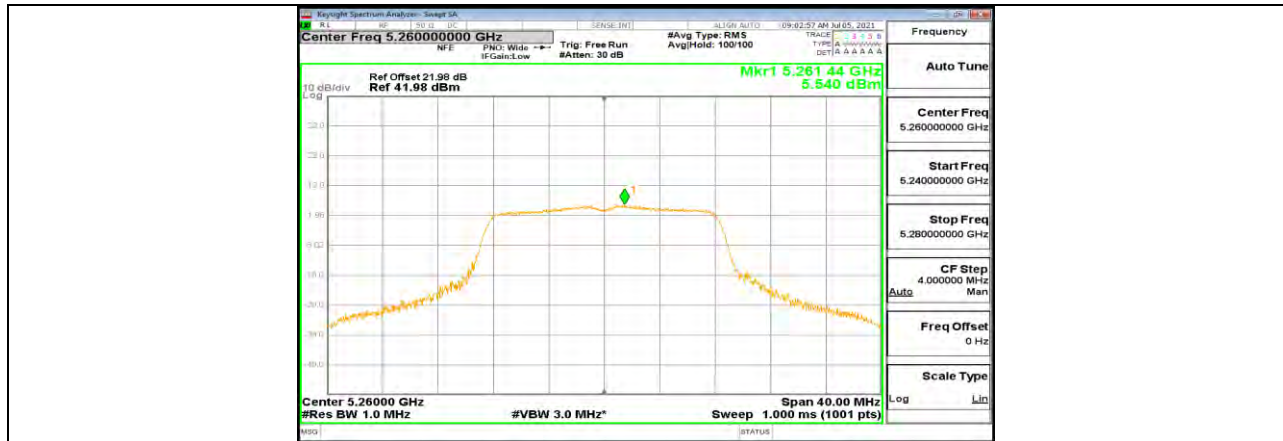


	Ant1	5670	-0.71	<=11	PASS	
	total	5670	2.56	<=11	PASS	
	Ant0	5710 UNII-2C	-0.03	<=11	PASS	
	Ant1	5710 UNII-2C	-0.57	<=11	PASS	
	total	5710 UNII-2C	2.72	<=11	PASS	
	Ant0	5710 UNII-3	-6.39	<=11	PASS	
	Ant1	5710 UNII-3	-6.66	<=11	PASS	
	total	5710 UNII-3	-3.51	<=11	PASS	
	Ant0	5755	-2.45	<=30	PASS	
	Ant1	5755	-3.33	<=30	PASS	
	total	5755	0.14	<=30	PASS	
	Ant0	5795	-2.65	<=30	PASS	
	Ant1	5795	-2.83	<=30	PASS	
	total	5795	0.27	<=30	PASS	
11AX80MIMO	Ant0	5210	-2.63	<=11	PASS	
	Ant1	5210	-3.3	<=11	PASS	
	total	5210	0.06	<=11	PASS	
	Ant0	5290	-2.54	<=11	PASS	
	Ant1	5290	-3.32	<=11	PASS	
	total	5290	0.10	<=11	PASS	
	Ant0	5530	-3.46	<=11	PASS	
	Ant1	5530	-4.02	<=11	PASS	
	total	5530	-0.72	<=11	PASS	
	Ant0	5610	-2.88	<=11	PASS	
	Ant1	5610	-3.06	<=11	PASS	
	total	5610	0.04	<=11	PASS	
	Ant0	5690 UNII-2C	-4.7	<=11	PASS	
	Ant1	5690 UNII-2C	-6.11	<=11	PASS	
	total	5690 UNII-2C	-2.34	<=11	PASS	
	Ant0	5690 UNII-3	-12.13	<=11	PASS	
	Ant1	5690 UNII-3	-13.19	<=11	PASS	
	total	5690 UNII-3	-9.62	<=11	PASS	
		Ant0	5775	-6.04	<=30	PASS
		Ant1	5775	-5.98	<=30	PASS
	total	5775	-3.00	<=30	PASS	

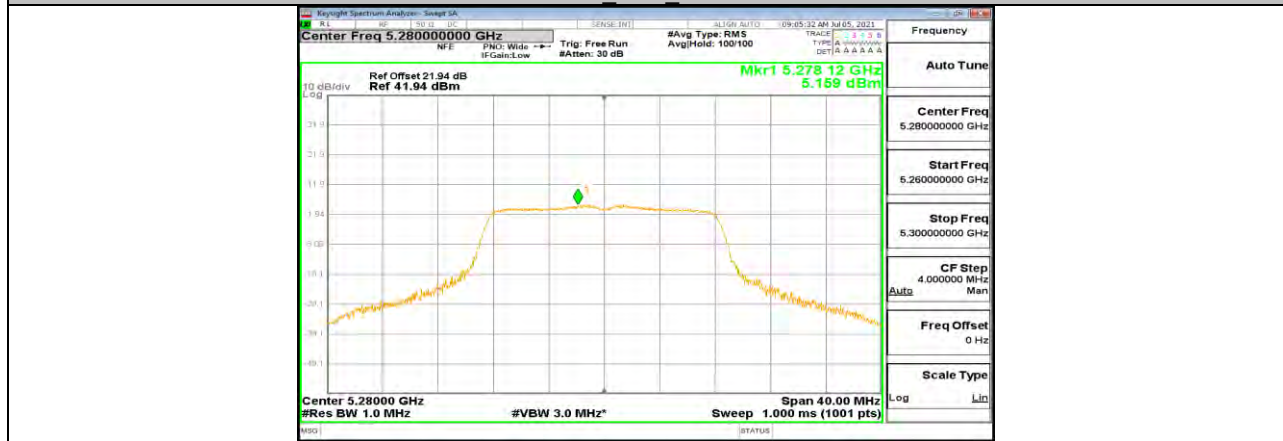
- Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
 3. Note: All the modes, channels and antennas had been tested, but only the worst data was recorded in the report.

13.5.2. Test Graphs





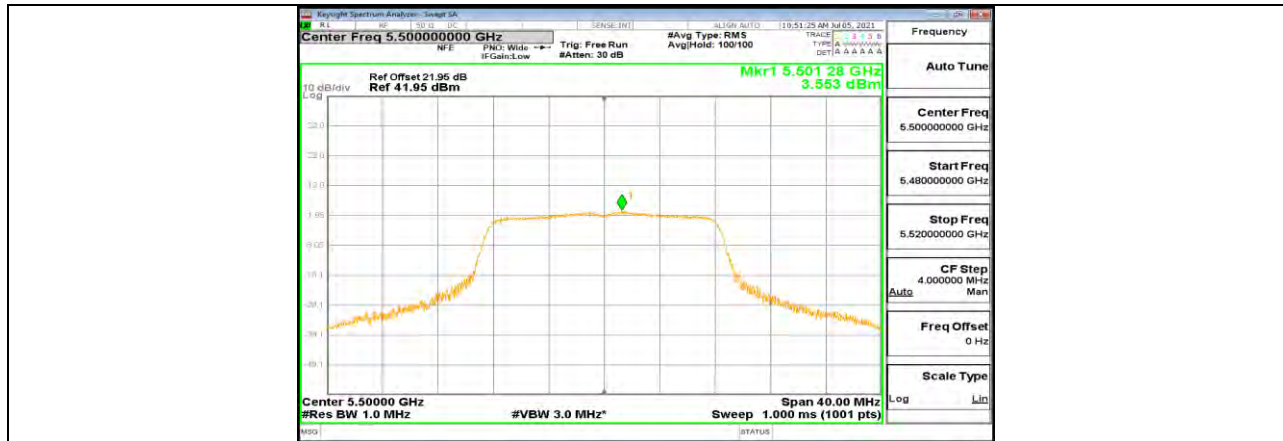
11A Ant1 5260



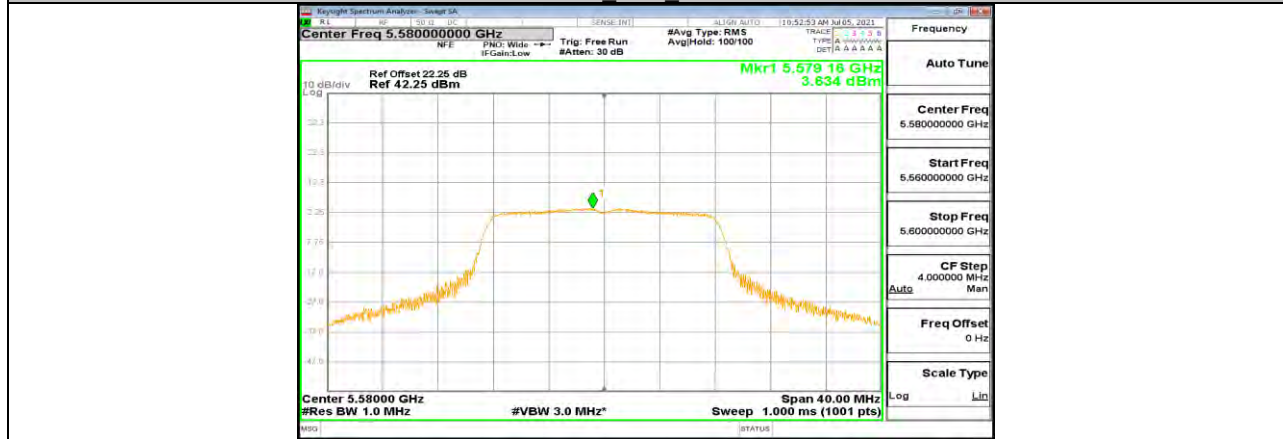
11A Ant1 5280



11A Ant1 5320



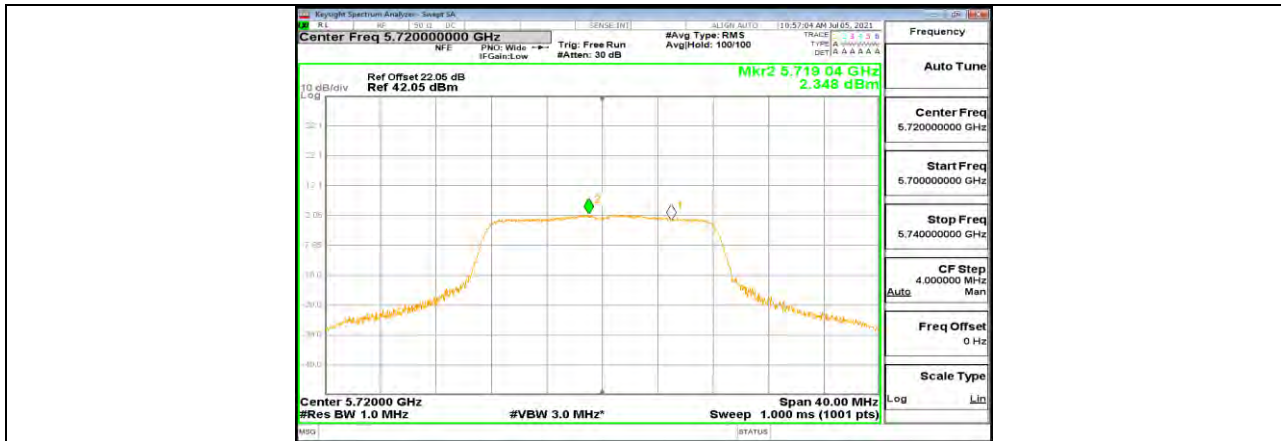
11A Ant1 5500



11A Ant1 5580



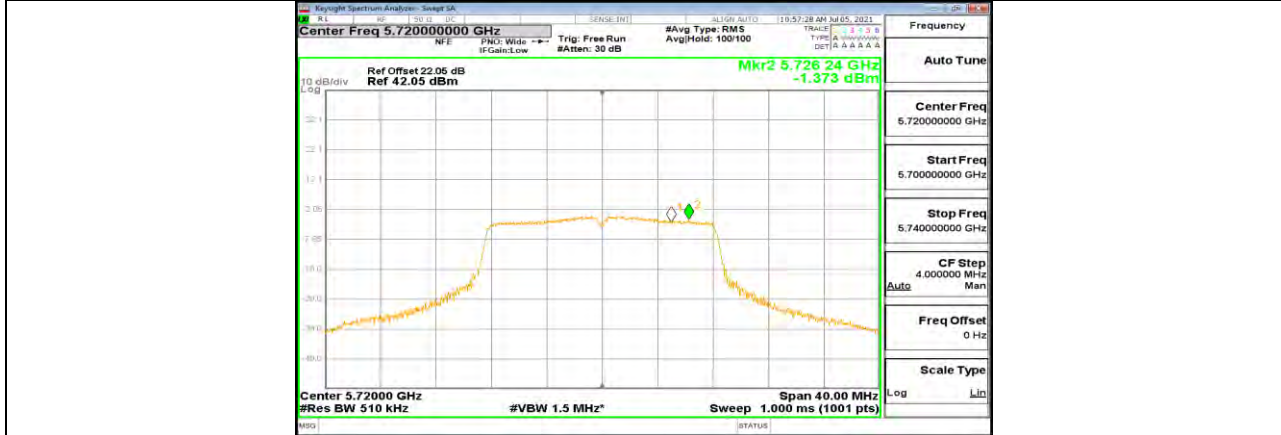
11A Ant1 5700



11A Ant1 5720 UNII-2C



11A Ant2 5720 UNII-2C



11A Ant1 5720 UNII-3



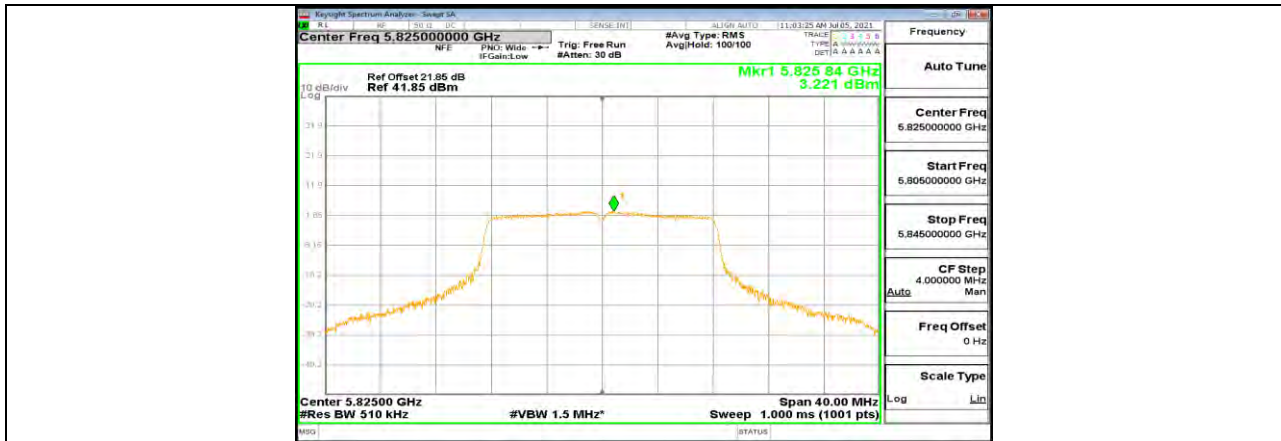
11A Ant2 5720 UNII-3



11A Ant1 5745



11A Ant1 5785



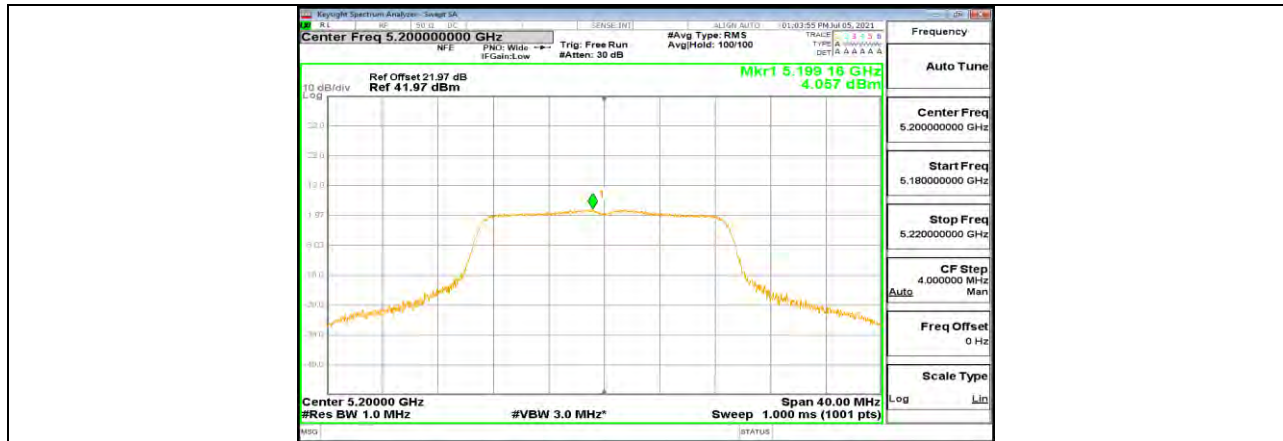
11A Ant1 5825



11N20MIMO Ant1 5180



11N20MIMO Ant2 5180



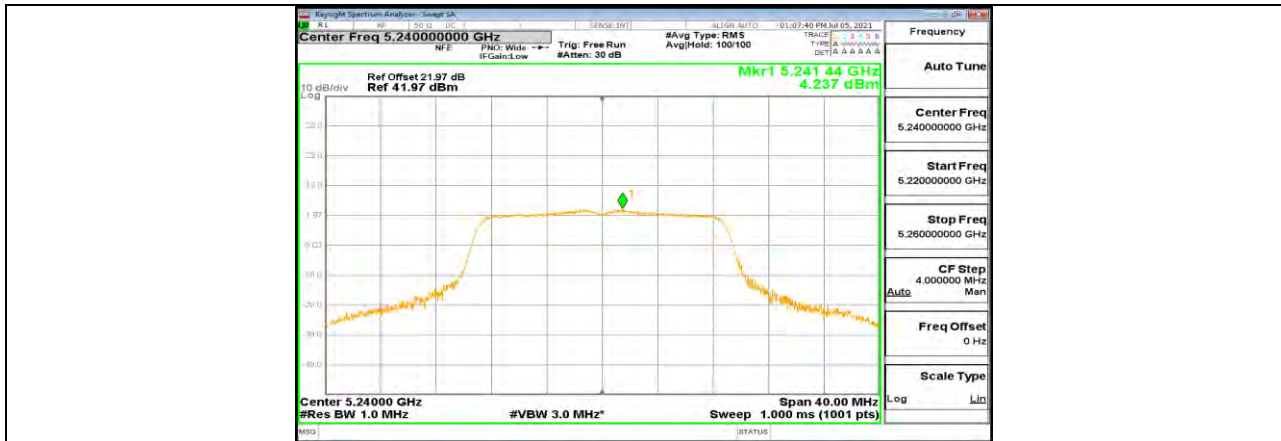
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11N20MIMO Ant2 5200



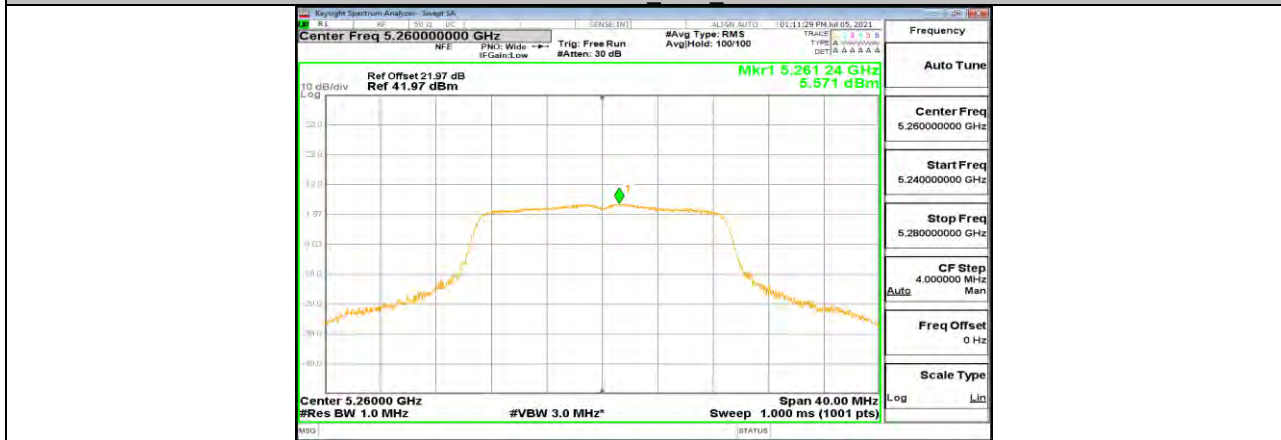
11N20MIMO Ant1 5240



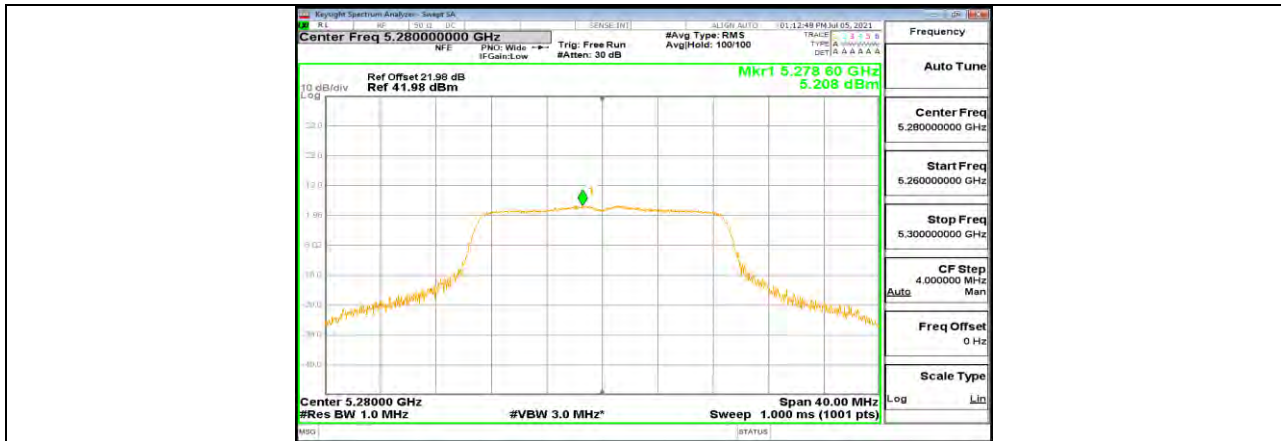
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11N20MIMO Ant1 5260



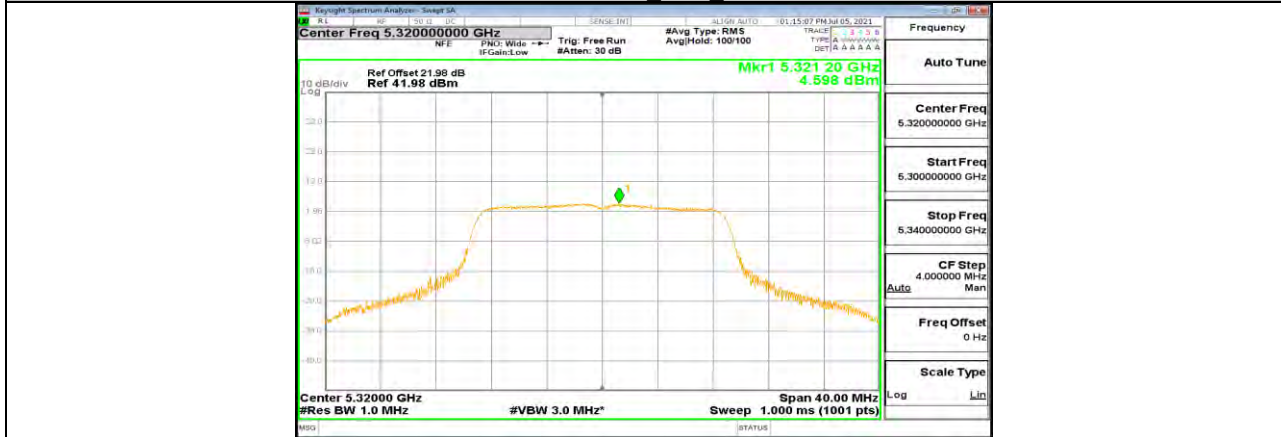
11N20MIMO Ant2 5260



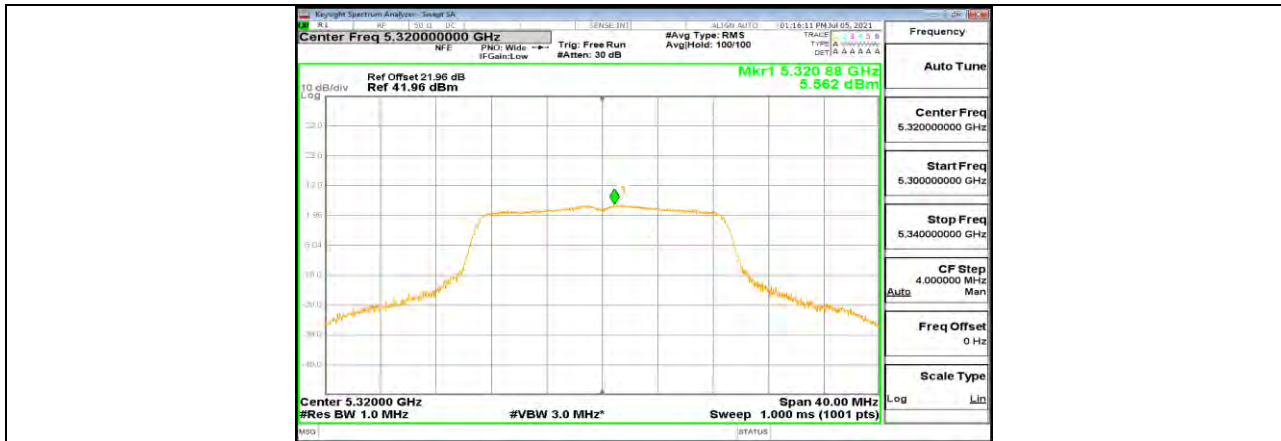
11N20MIMO Ant1 5280



11N20MIMO Ant2 5280



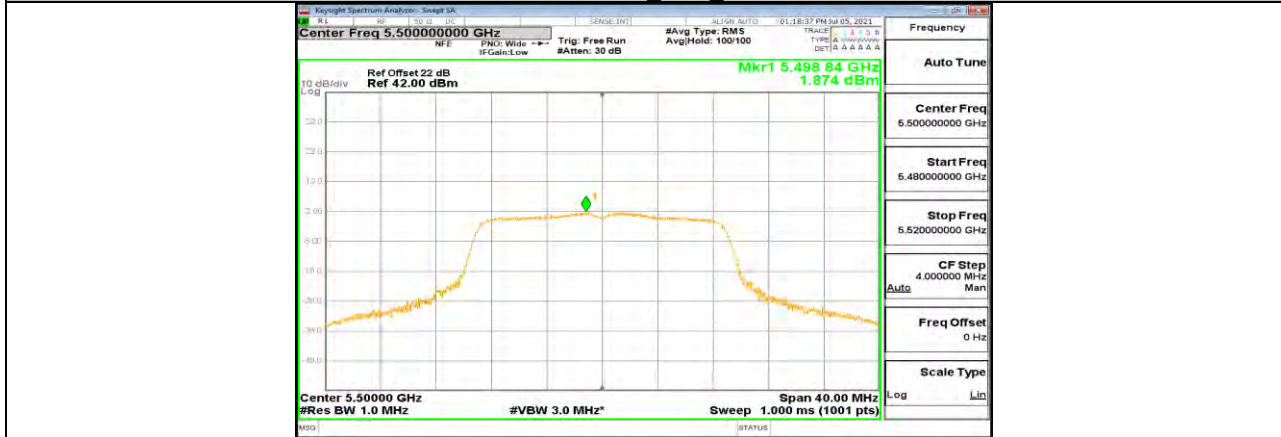
11N20MIMO Ant1 5320



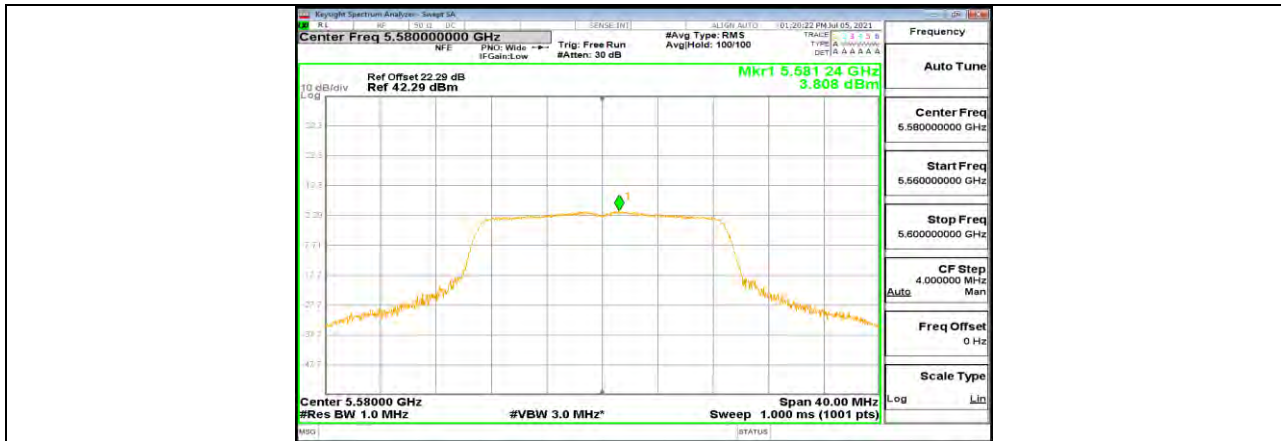
11N20MIMO Ant2 5320



11N20MIMO Ant1 5500



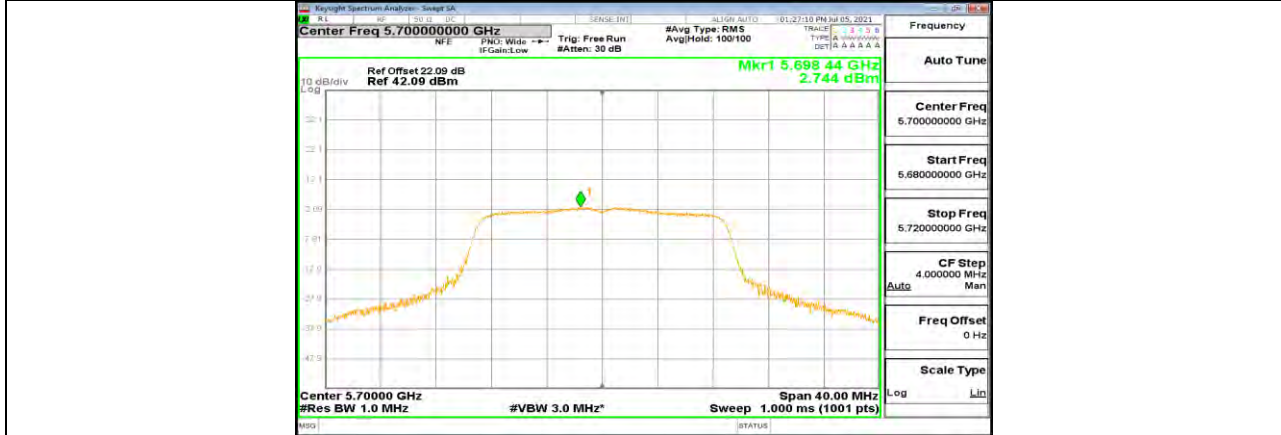
11N20MIMO Ant2 5500



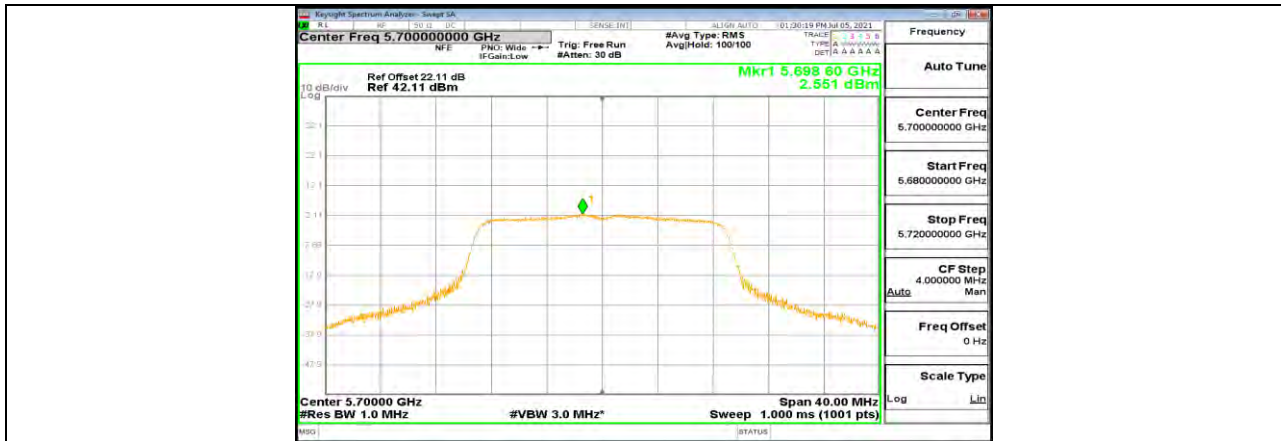
11N20MIMO Ant1 5580



11N20MIMO Ant2 5580



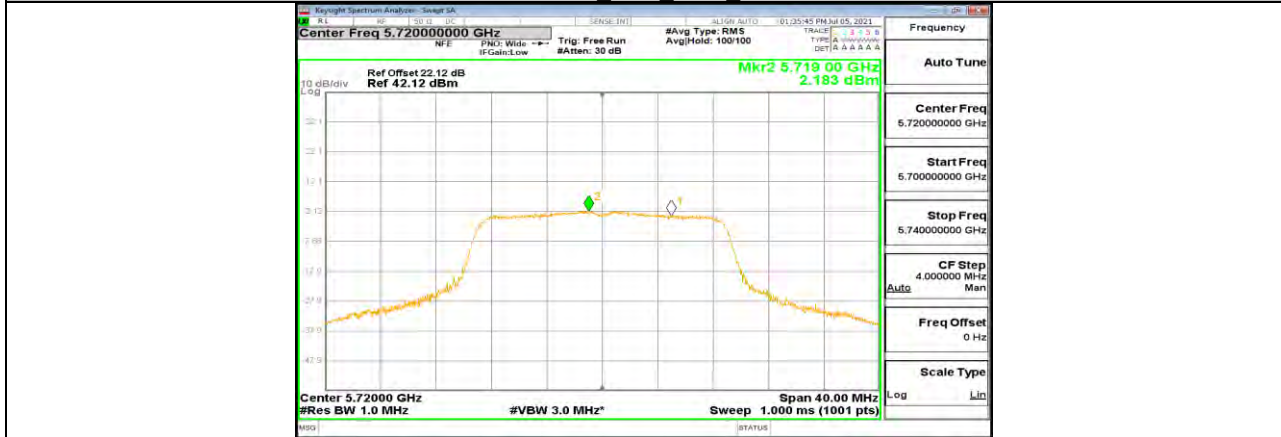
11N20MIMO Ant1 5700



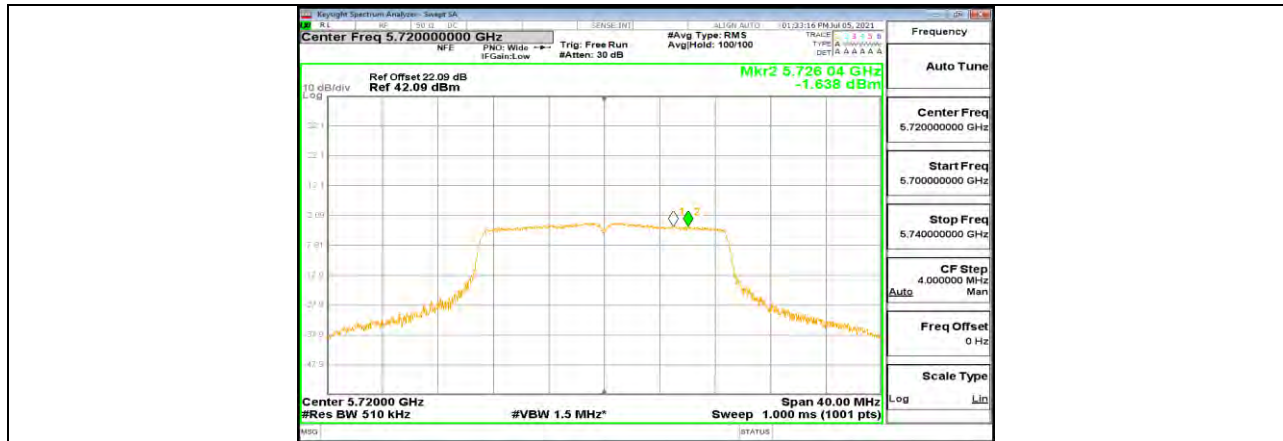
11N20MIMO Ant2 5700



11N20MIMO Ant1 5720 UNII-2C



11N20MIMO Ant2 5720 UNII-2C



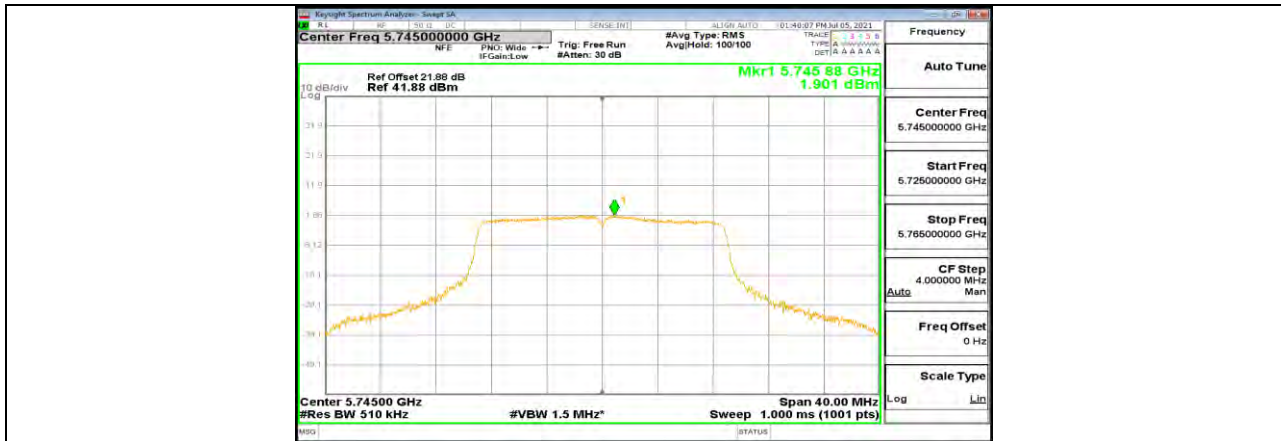
11N20MIMO Ant1 5720 UNII-3



11N20MIMO Ant2 5720 UNII-3



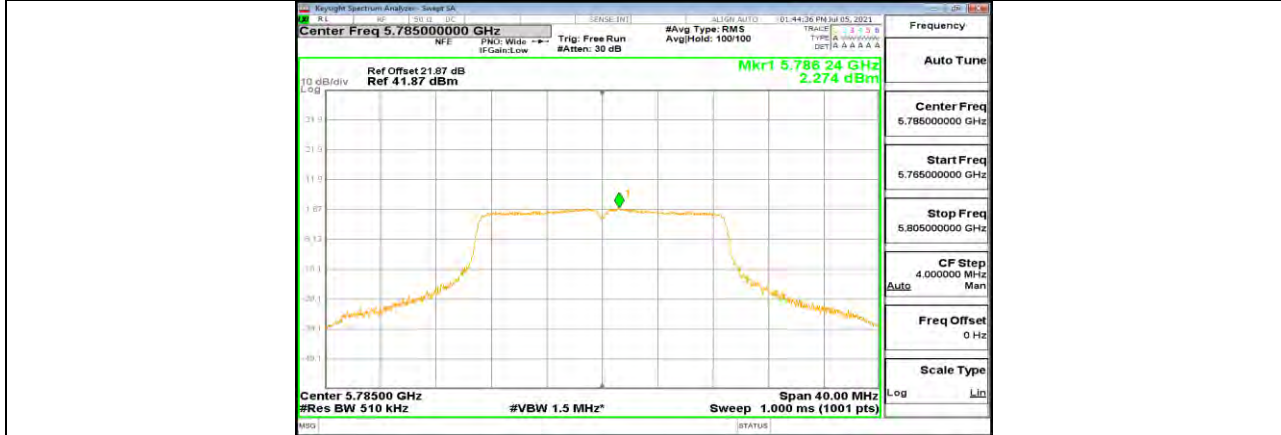
11N20MIMO Ant1 5745



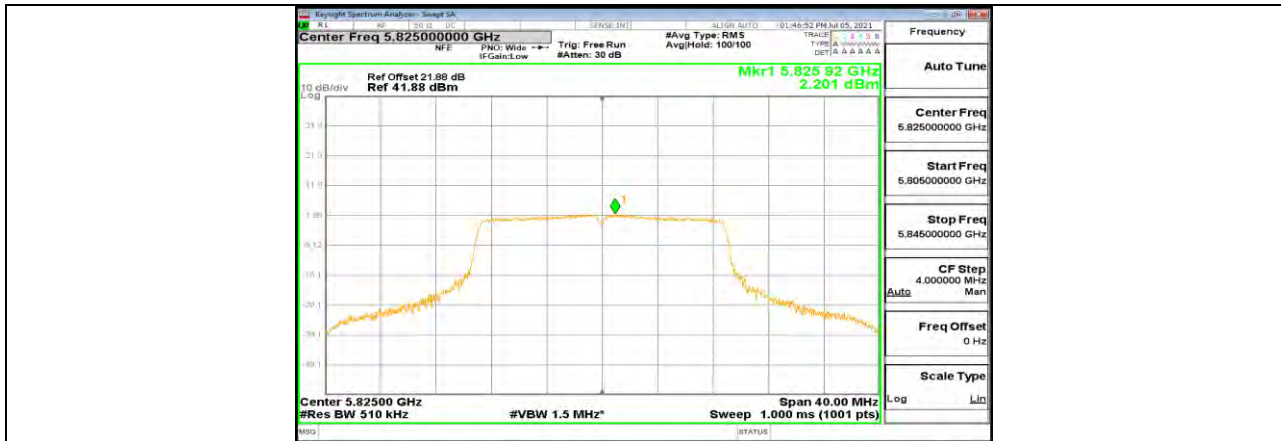
11N20MIMO Ant2 5745



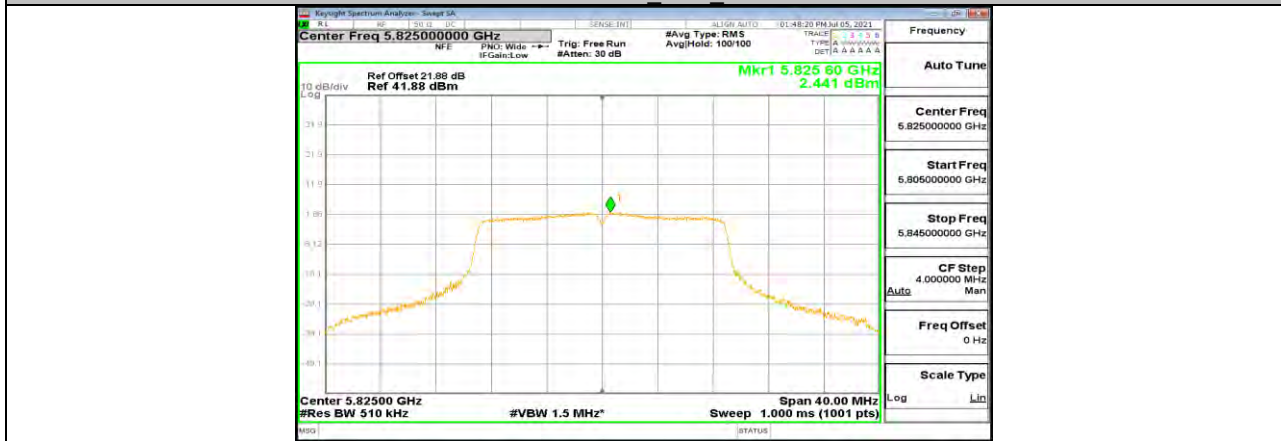
11N20MIMO Ant1 5785



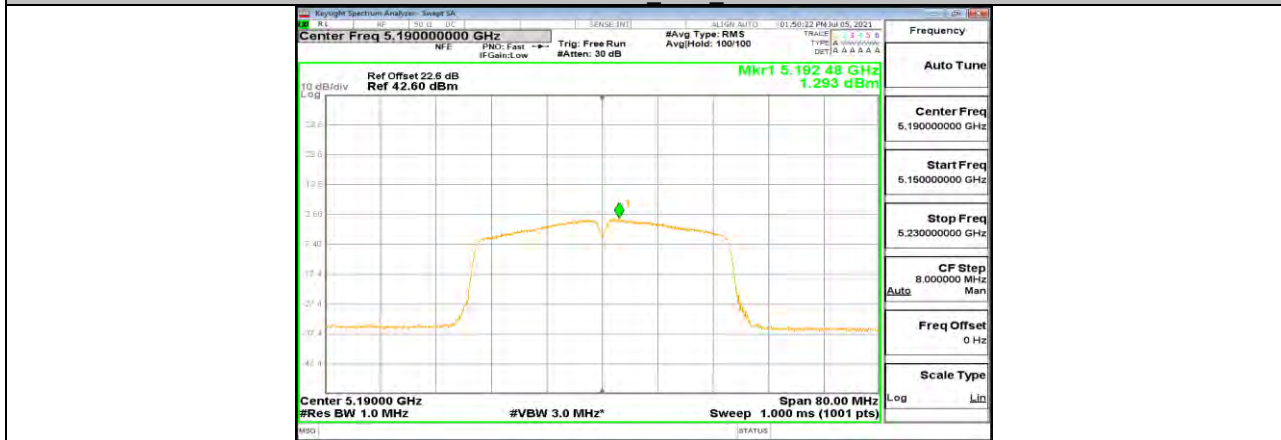
11N20MIMO Ant2 5785



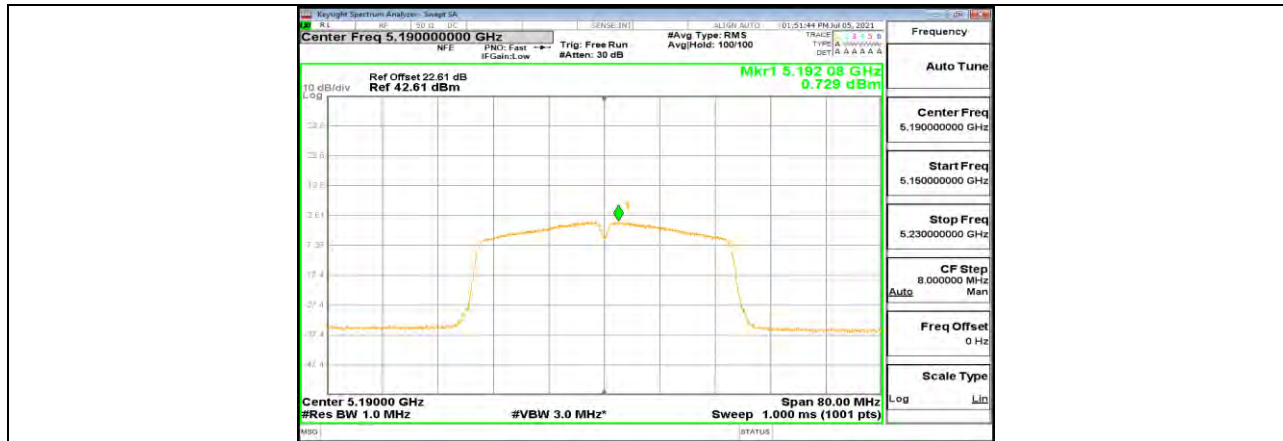
11N20MIMO Ant1 5825



11N20MIMO Ant2 5825



11N40MIMO Ant1 5190



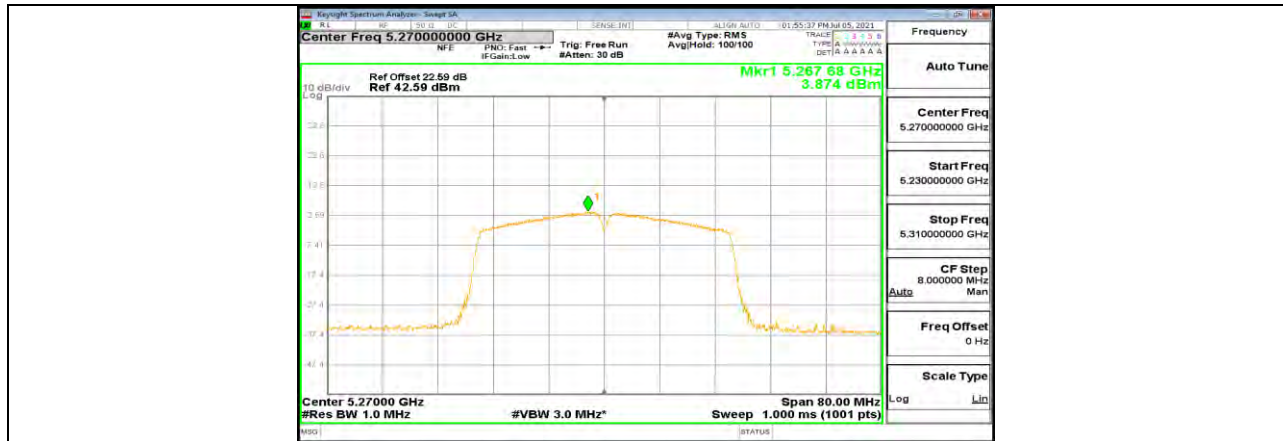
11N40MIMO Ant2 5190



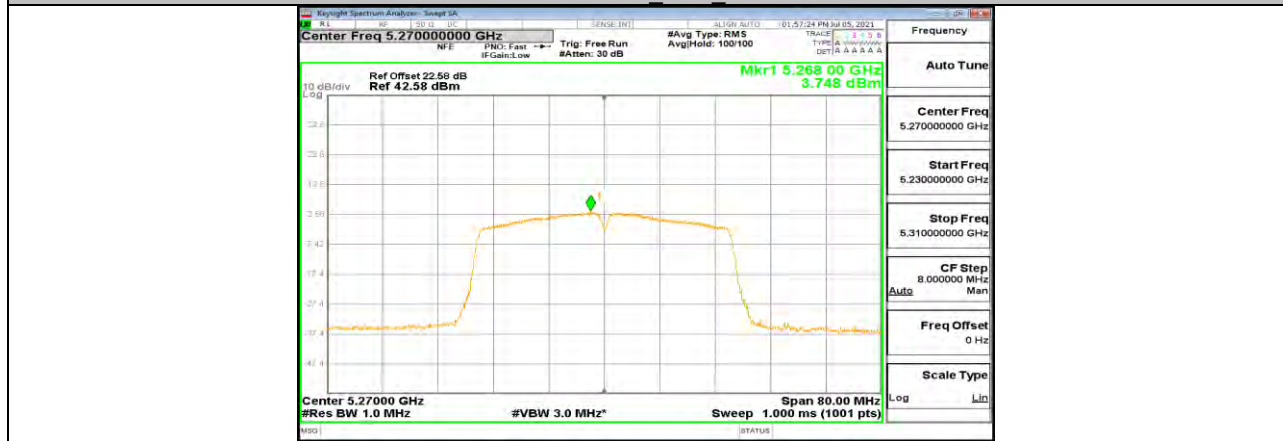
11N40MIMO Ant1 5230



11N40MIMO Ant2 5230



11N40MIMO Ant1 5270



11N40MIMO Ant2 5270



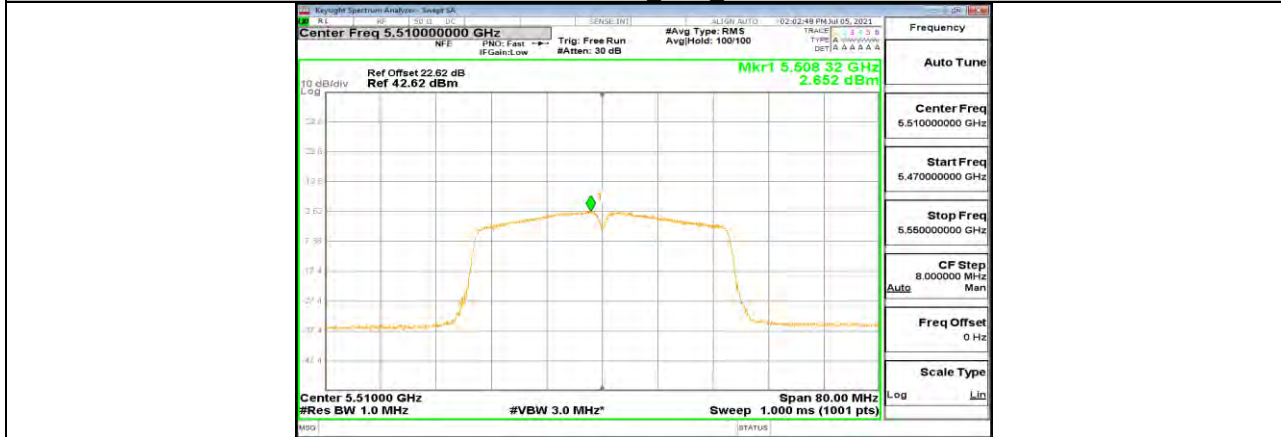
11N40MIMO Ant1 5310



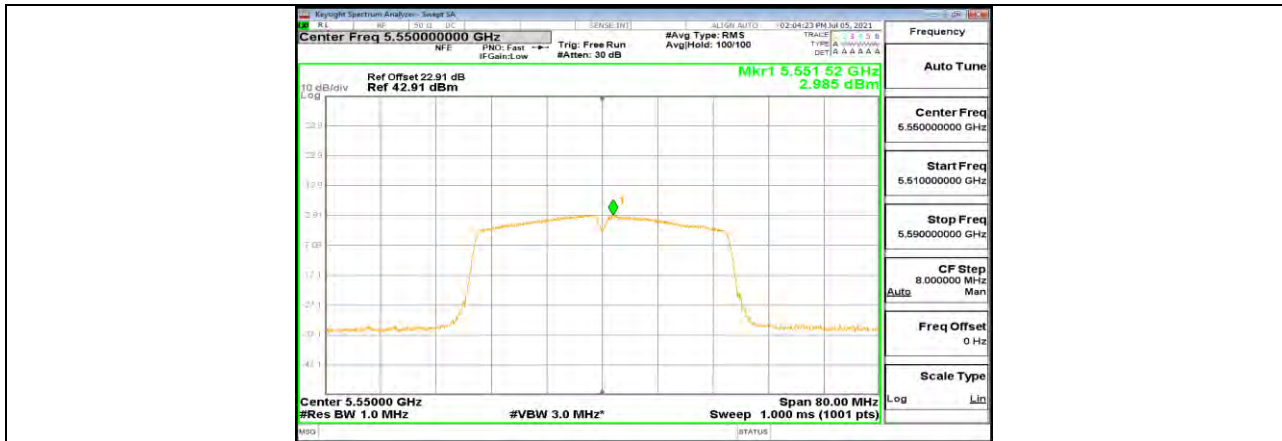
11N40MIMO Ant2 5310



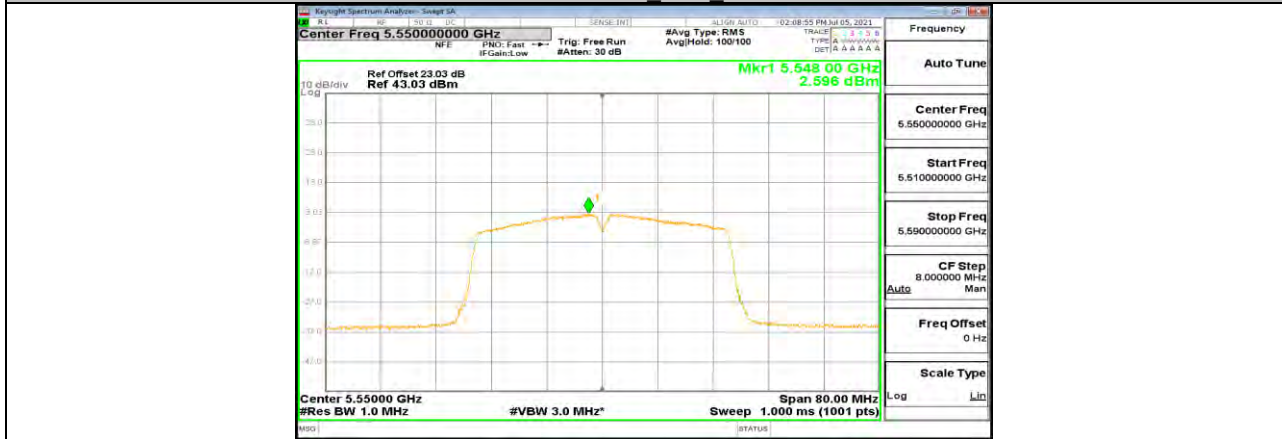
11N40MIMO Ant1 5510



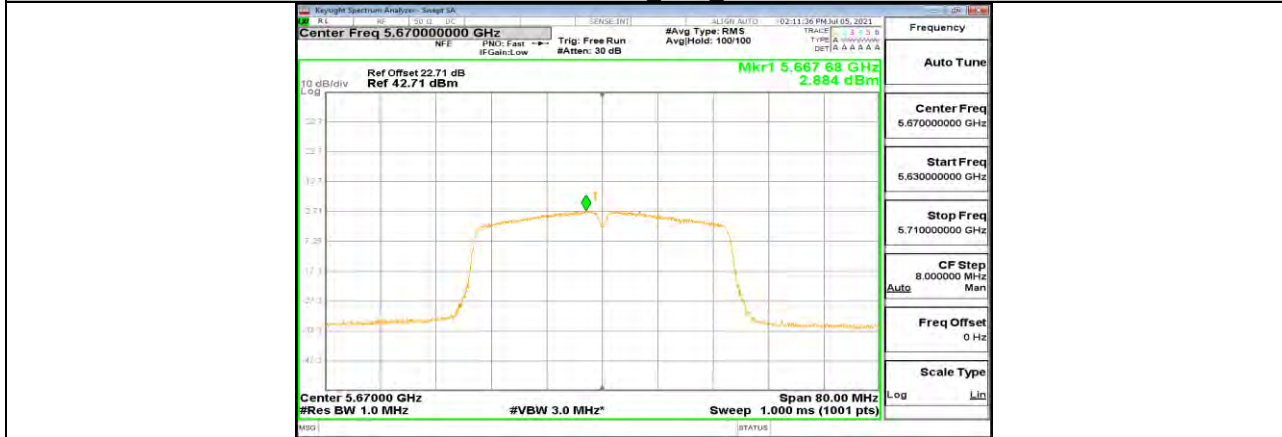
11N40MIMO Ant2 5510



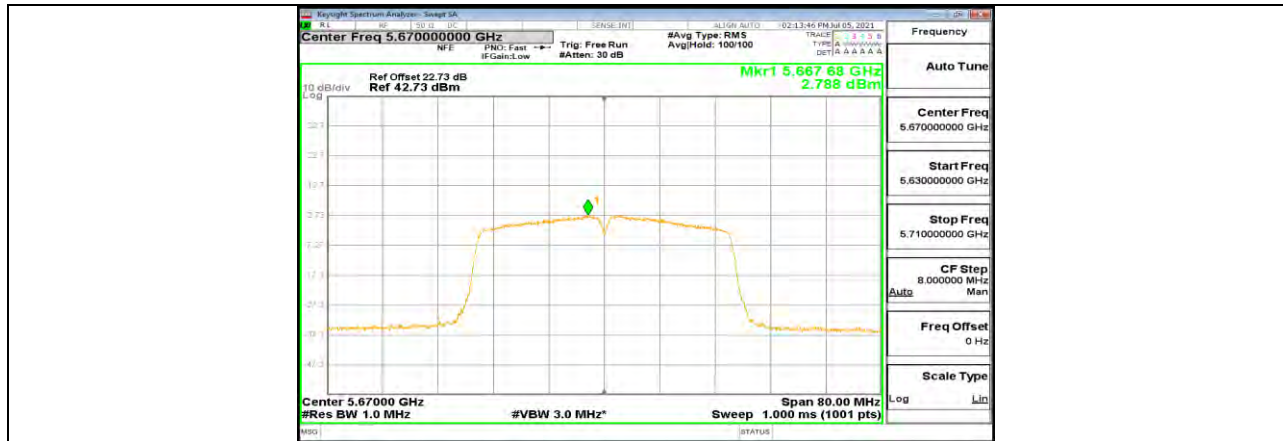
11N40MIMO Ant1 5550



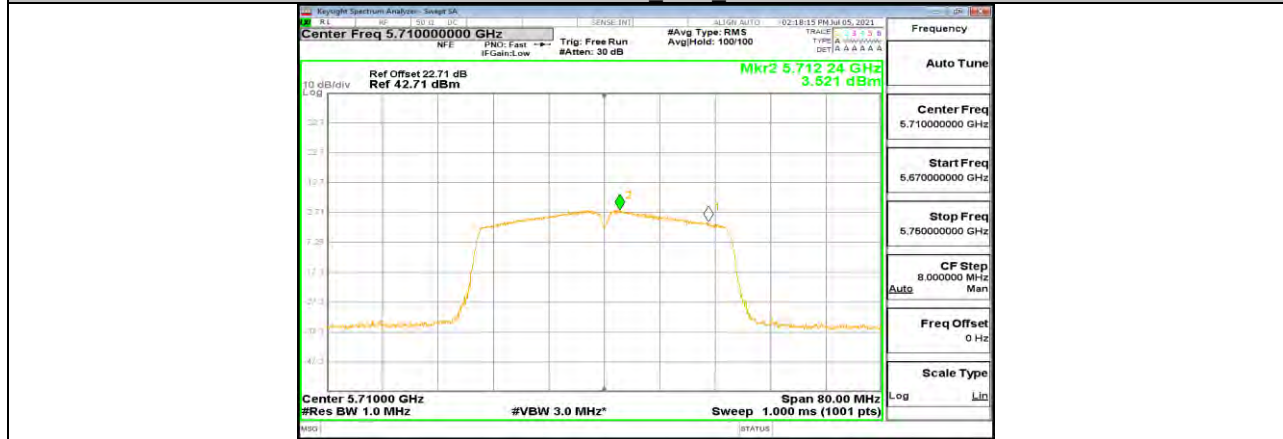
11N40MIMO Ant2 5550



11N40MIMO Ant1 5670



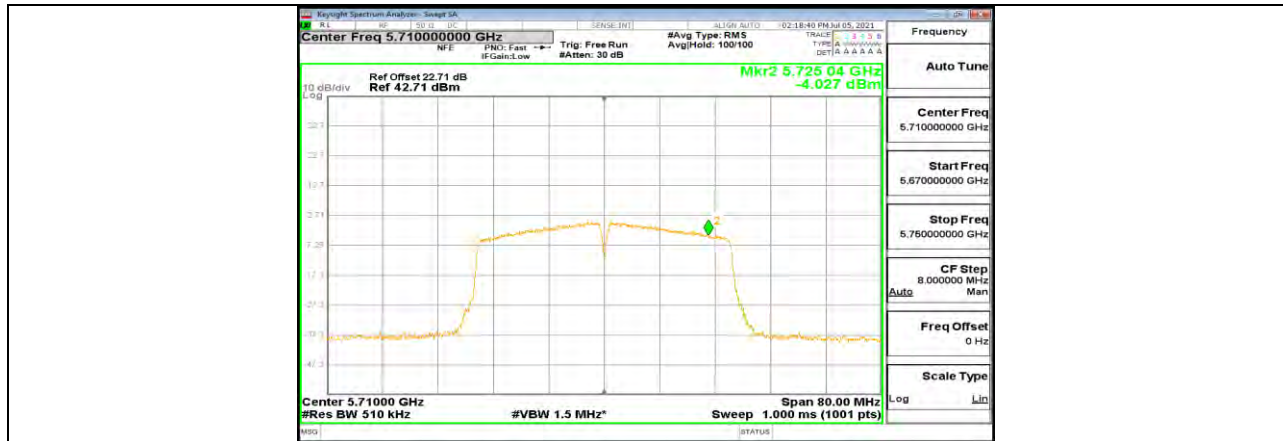
11N40MIMO Ant2 5670



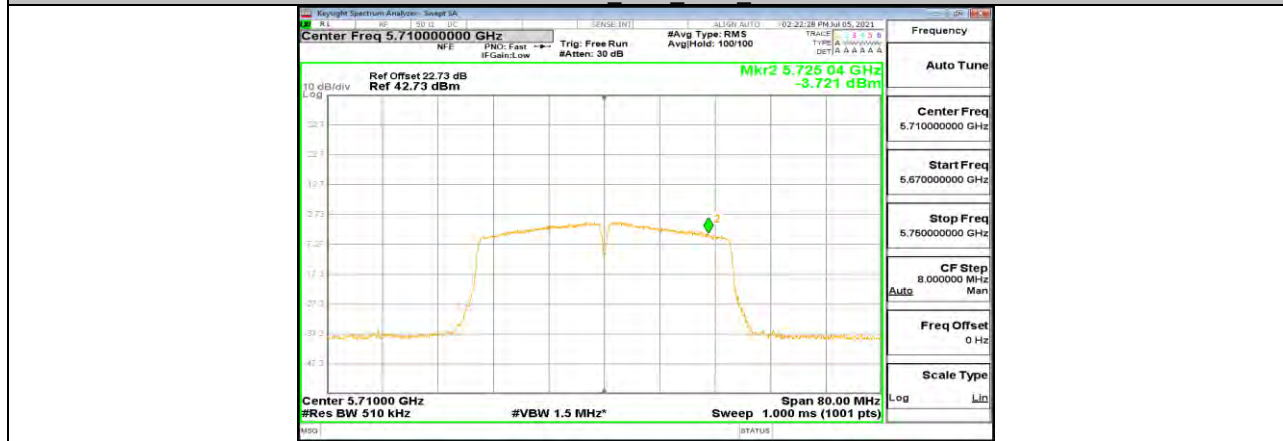
11N40MIMO Ant1 5710 UNII-2C



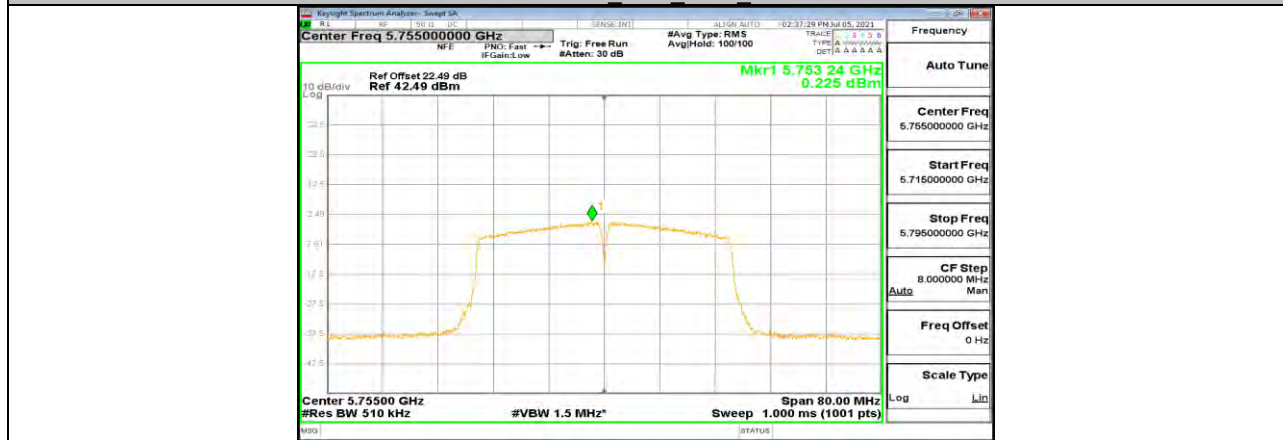
11N40MIMO Ant2 5710 UNII-2C



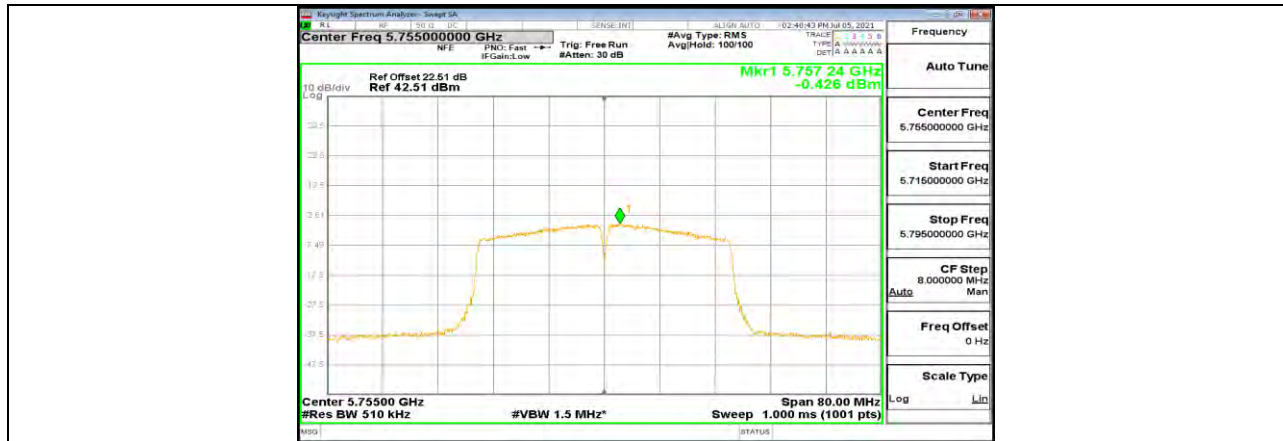
11N40MIMO Ant1 5710 UNII-3



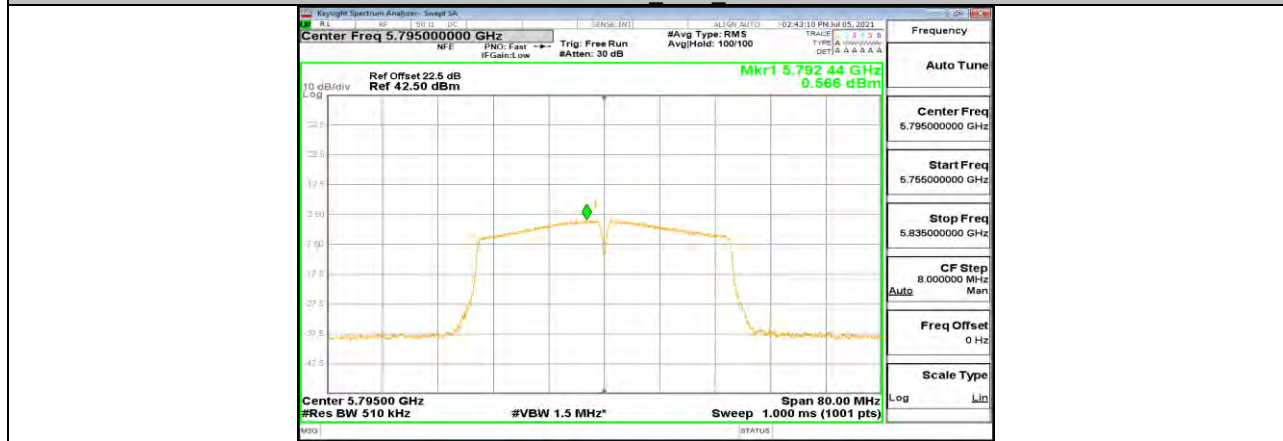
11N40MIMO Ant2 5710 UNII-3



11N40MIMO Ant1 5755



11N40MIMO Ant2 5755



11N40MIMO Ant1 5795



11N40MIMO Ant2 5795



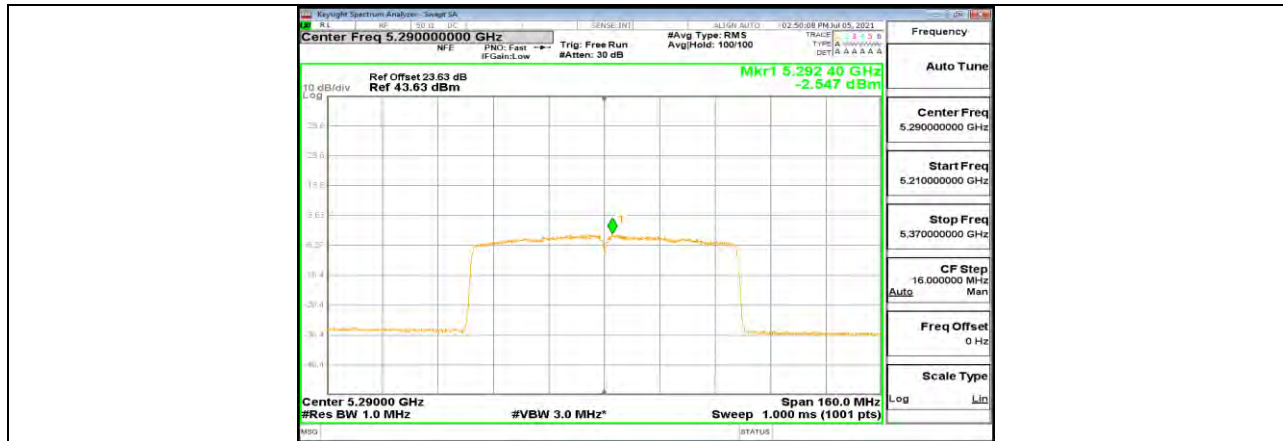
11AC80MIMO Ant1 5210



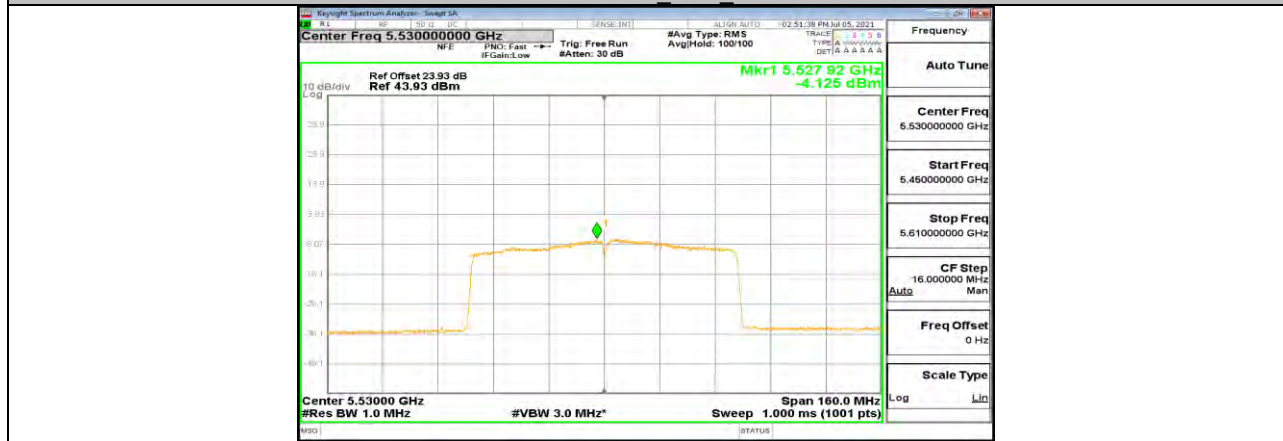
11AC80MIMO Ant2 5210



11AC80MIMO Ant1 5290



11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530



11AC80MIMO Ant1 5610



11AC80MIMO Ant2 5610



11AC80MIMO Ant1 5690 UNII-2C



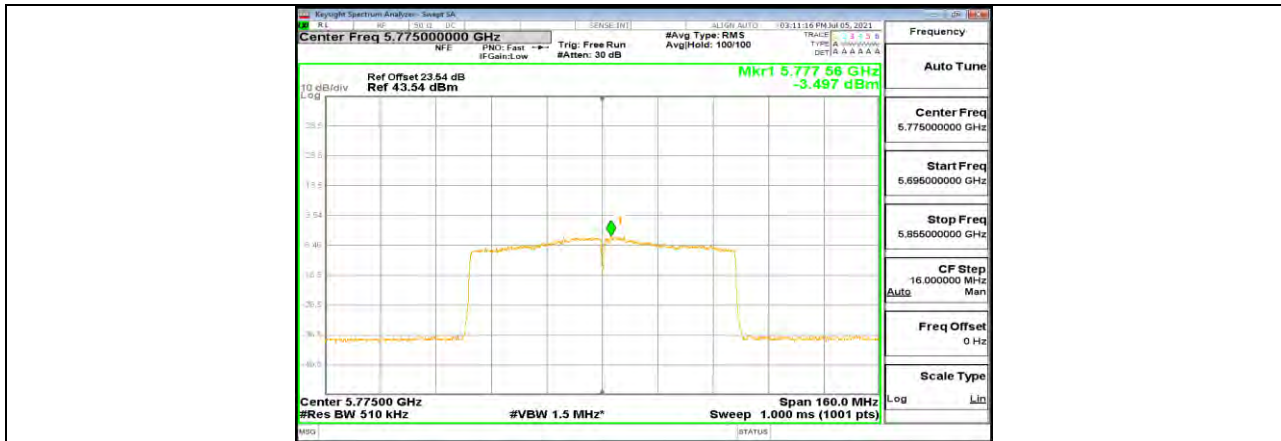
11AC80MIMO Ant2 5690 UNII-2C



11AC80MIMO Ant1 5690 UNII-3



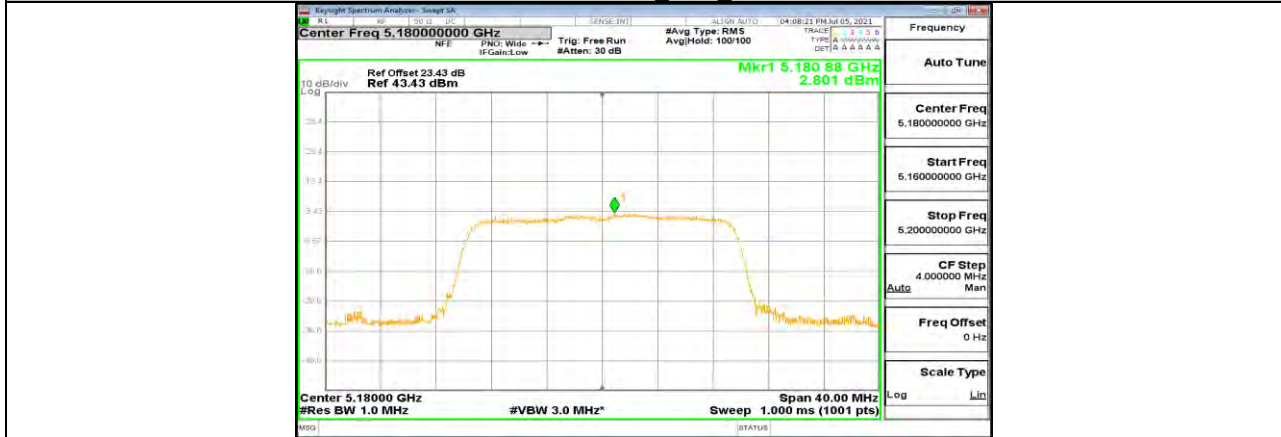
11AC80MIMO Ant2 5690 UNII-3



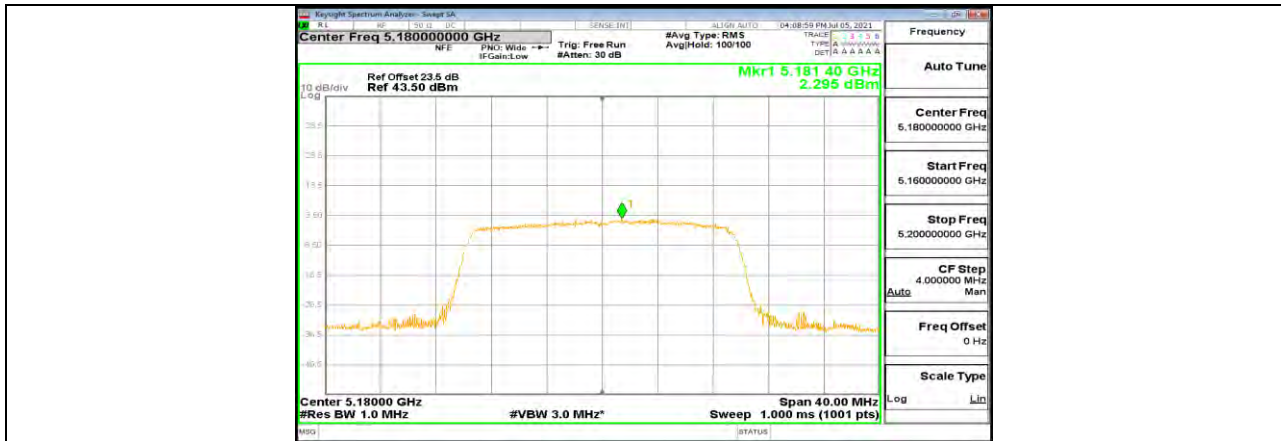
11AC80MIMO Ant1 5775



11AC80MIMO Ant2 5775



11AX20MIMO Ant1 5180



11AX20MIMO_Ant2_5180



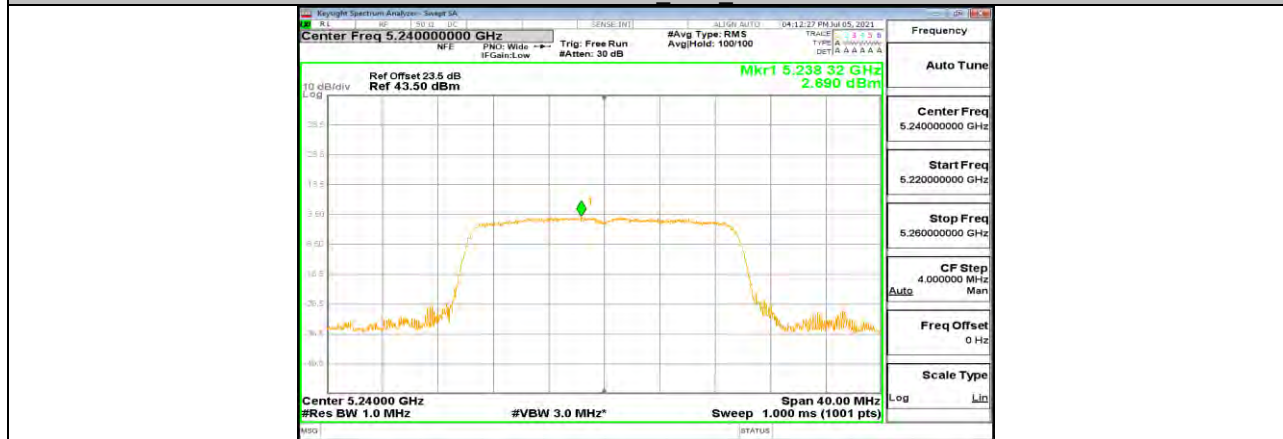
11AX20MIMO_Ant1_5200



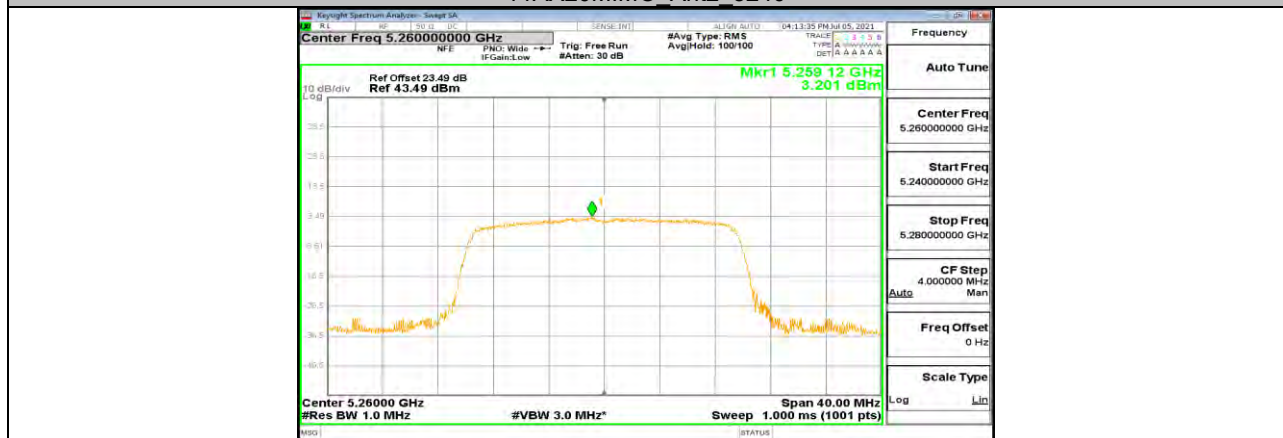
11AX20MIMO_Ant2_5200



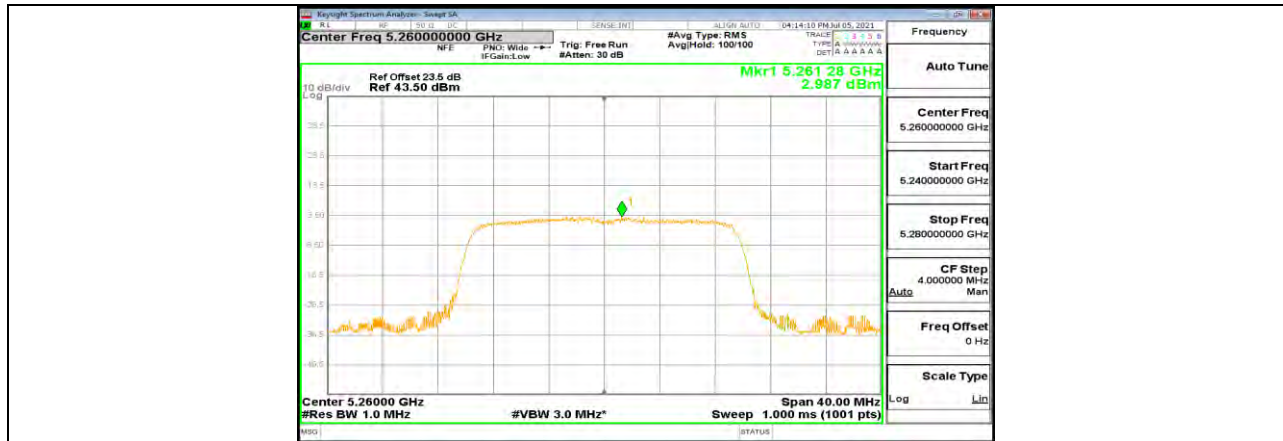
11AX20MIMO Ant1 5240



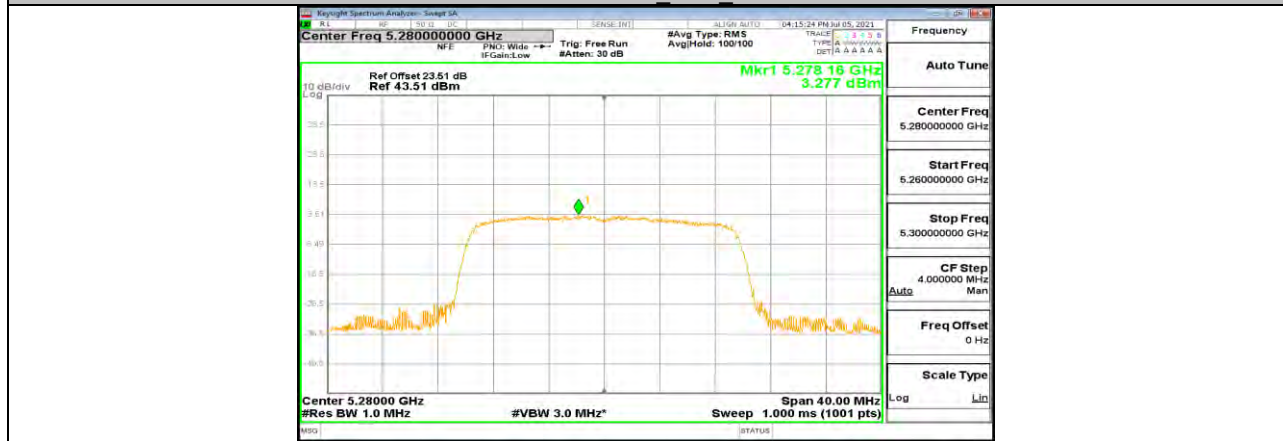
11AX20MIMO Ant2 5240



11AX20MIMO Ant1 5260



11AX20MIMO_Ant2_5260



11AX20MIMO_Ant1_5280



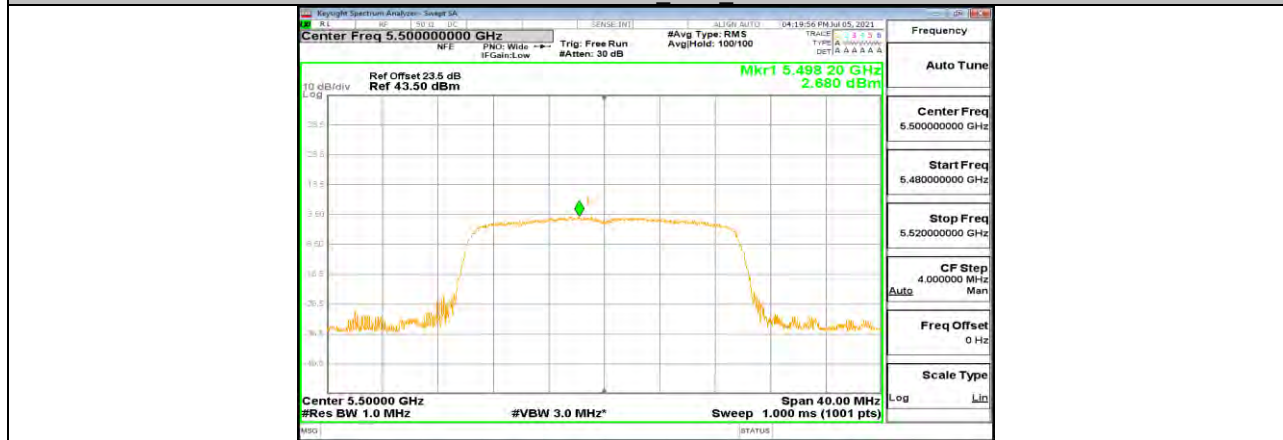
11AX20MIMO_Ant2_5280



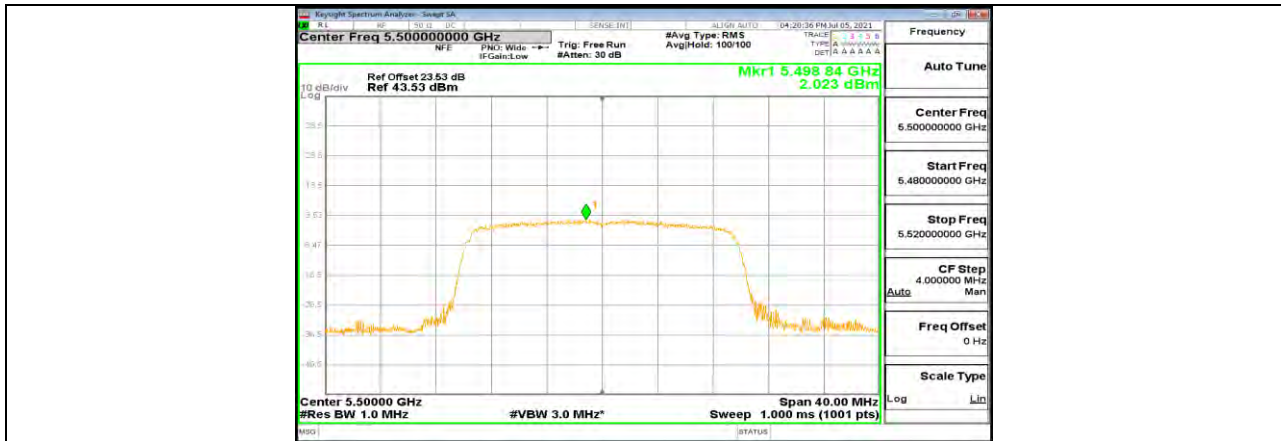
11AX20MIMO Ant1 5320



11AX20MIMO Ant2 5320



11AX20MIMO Ant1 5500



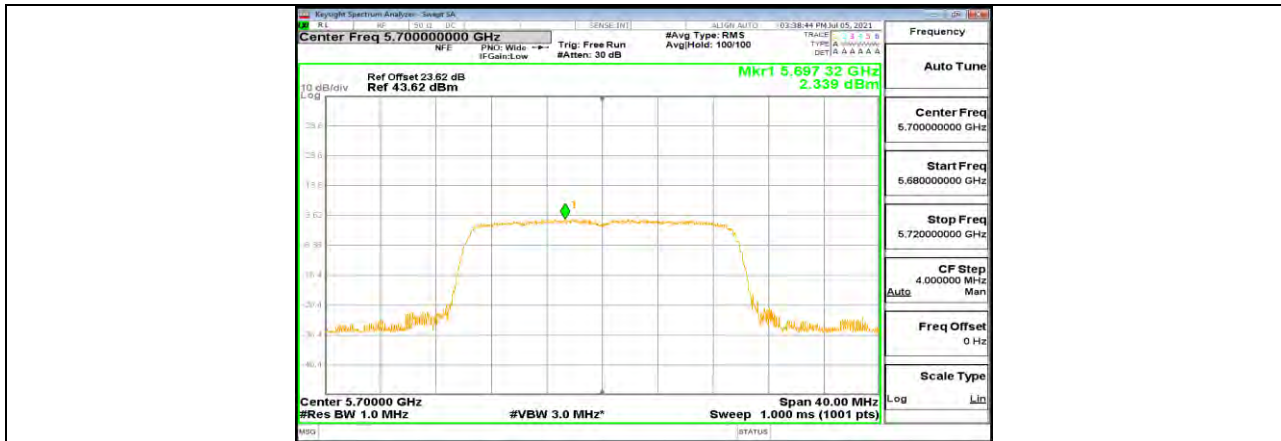
11AX20MIMO_Ant2_5500



11AX20MIMO_Ant1_5580



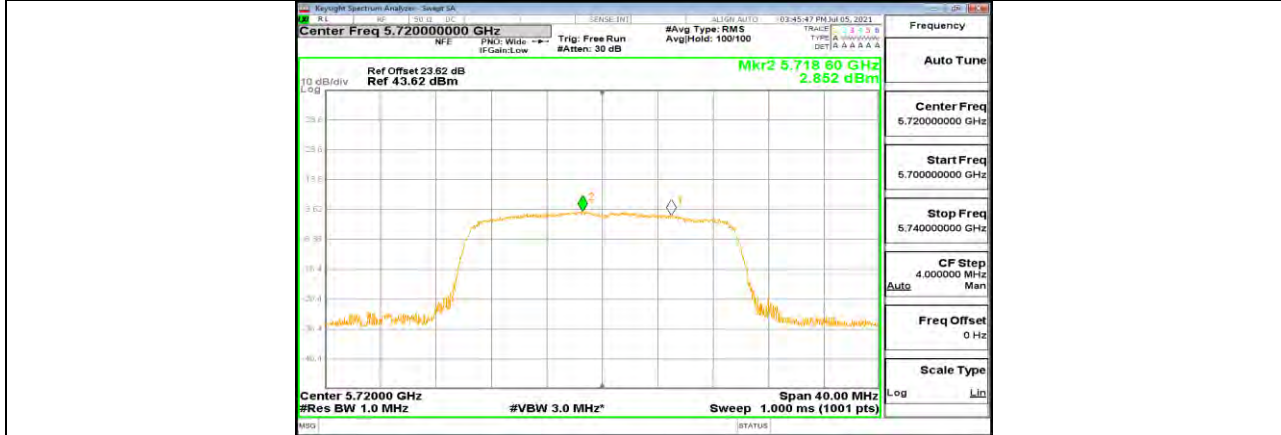
11AX20MIMO_Ant2_5580



11AX20MIMO Ant1 5700



11AX20MIMO Ant2 5700



11AX20MIMO Ant1 5720 UNII-2C



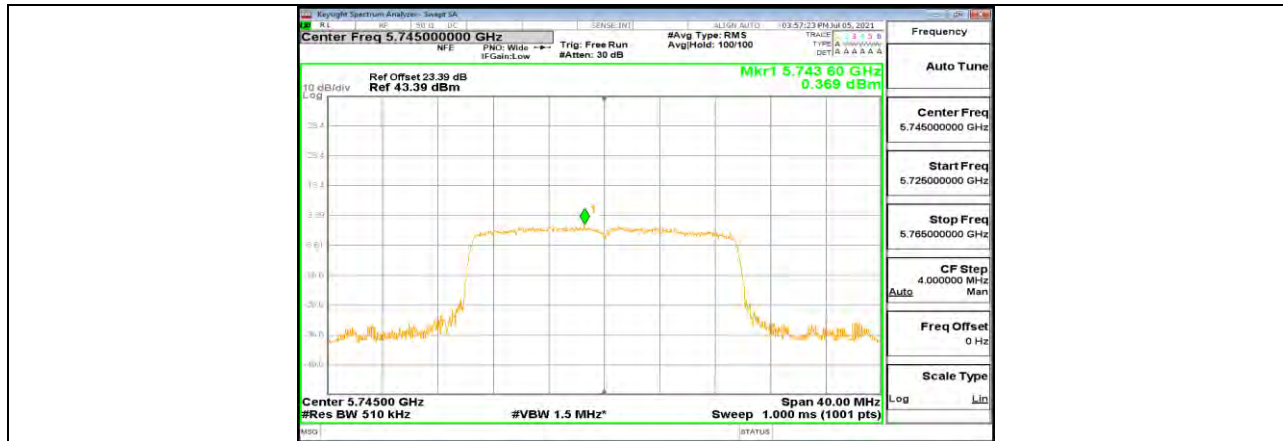
11AX20MIMO Ant2 5720 UNII-2C



11AX20MIMO Ant1 5720 UNII-3



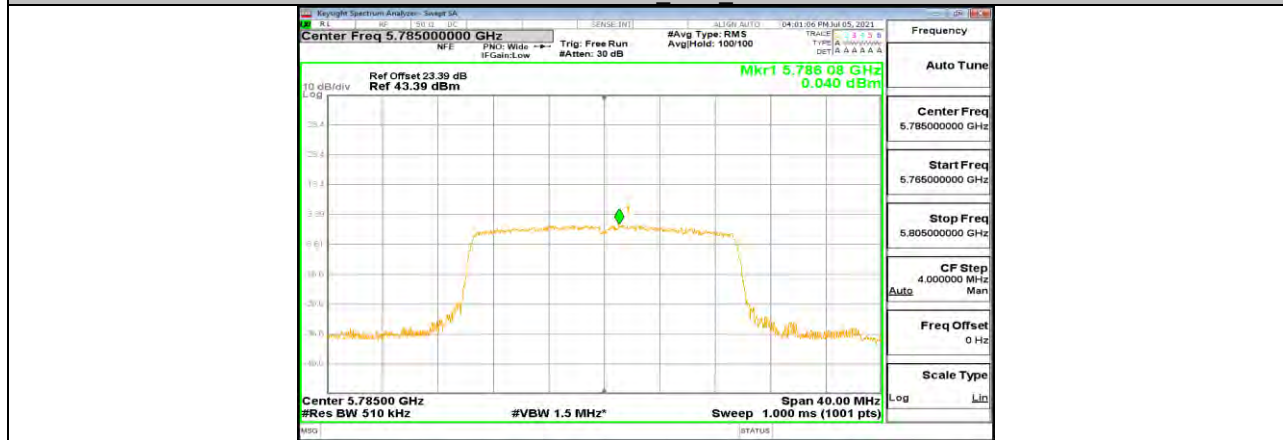
11AX20MIMO Ant2 5720 UNII-3



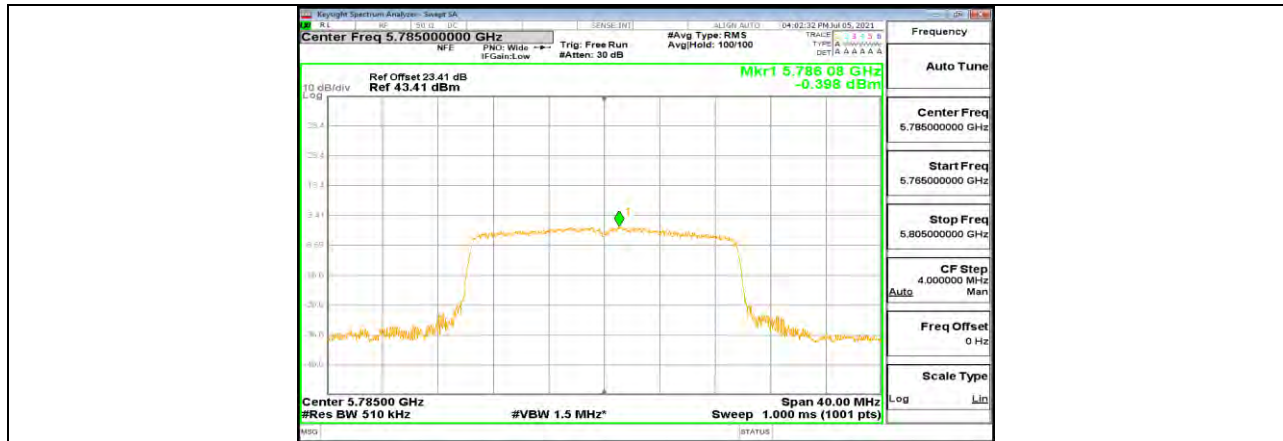
11AX20MIMO Ant1 5745



11AX20MIMO Ant2 5745



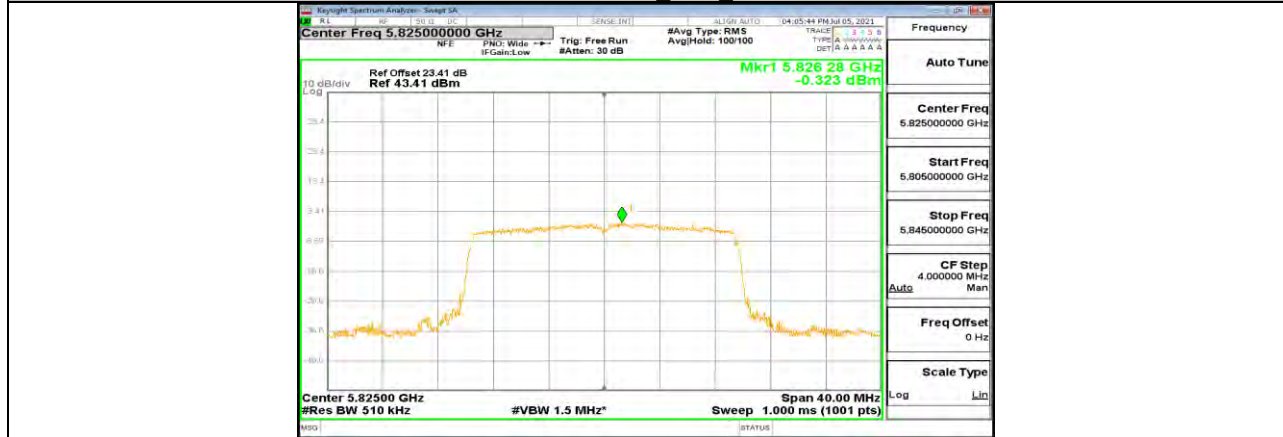
11AX20MIMO Ant1 5785



11AX20MIMO_Ant2_5785



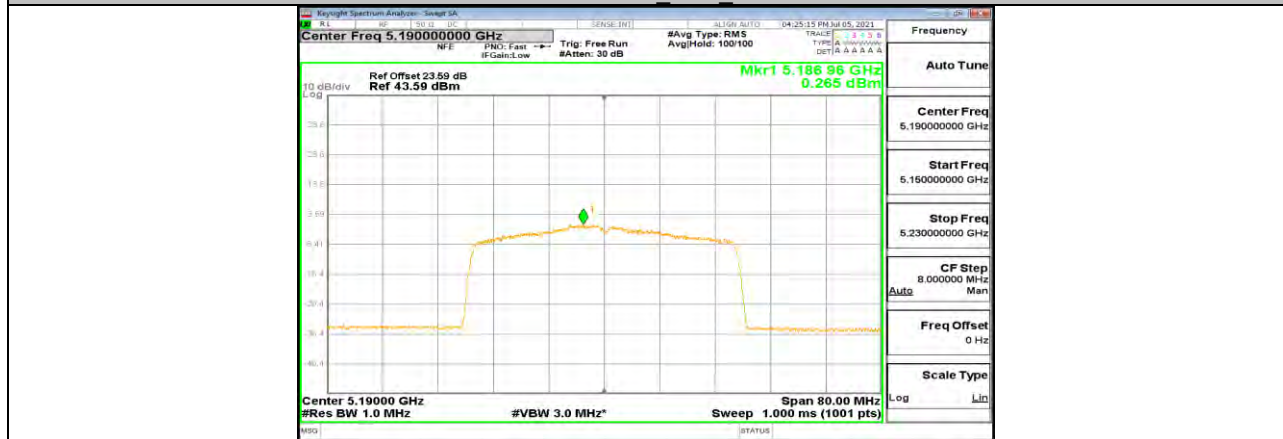
11AX20MIMO_Ant1_5825



11AX20MIMO_Ant2_5825



11AX40MIMO Ant1 5190



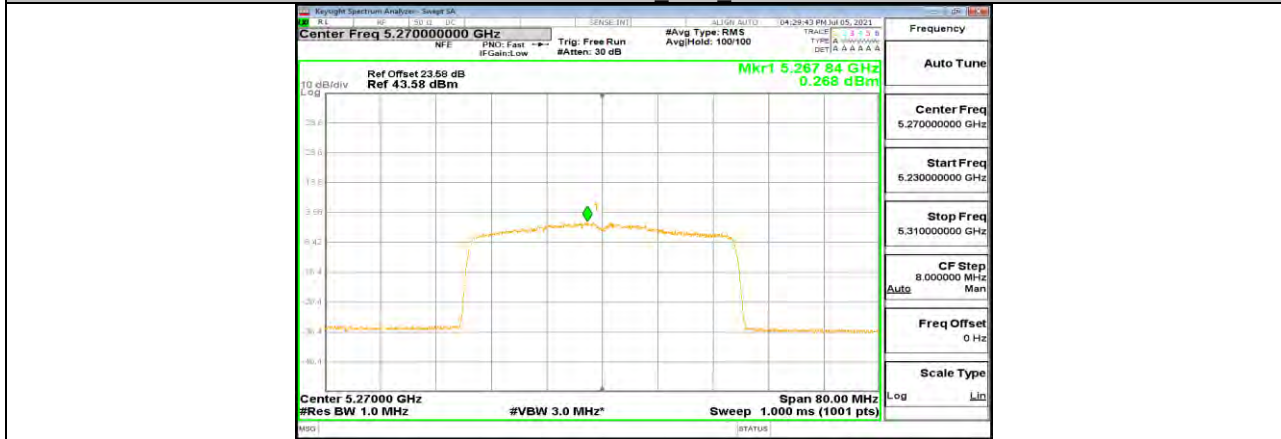
11AX40MIMO Ant2 5190



11AX40MIMO Ant1 5230



11AX40MIMO_Ant2_5230



11AX40MIMO_Ant1_5270



11AX40MIMO_Ant2_5270



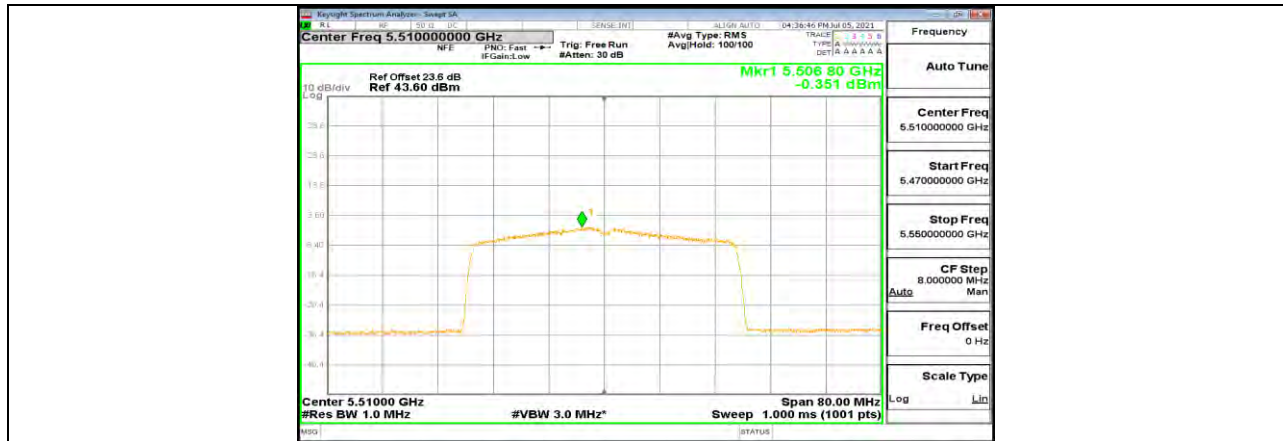
11AX40MIMO Ant1 5310



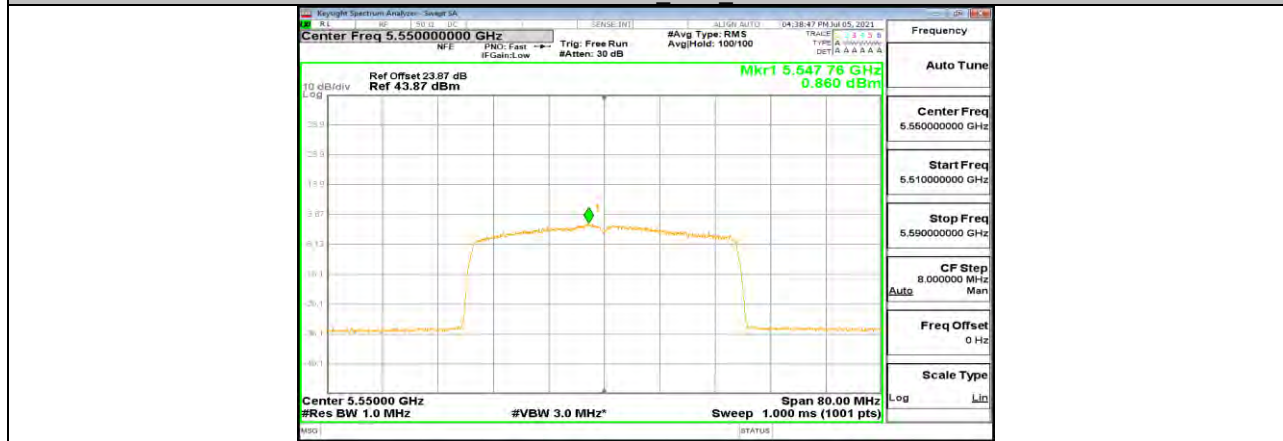
11AX40MIMO Ant2 5310



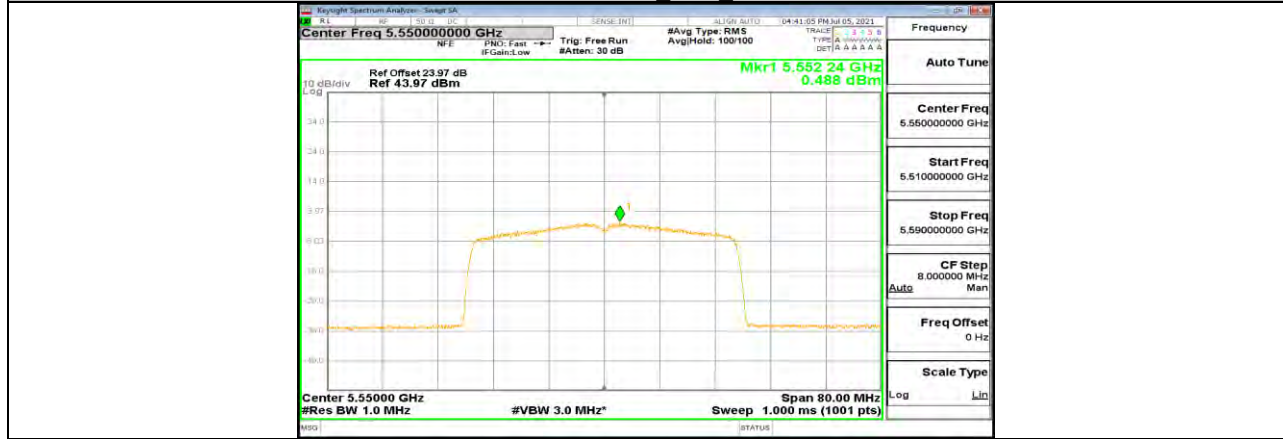
11AX40MIMO Ant1 5510



11AX40MIMO_Ant2_5510



11AX40MIMO_Ant1_5550



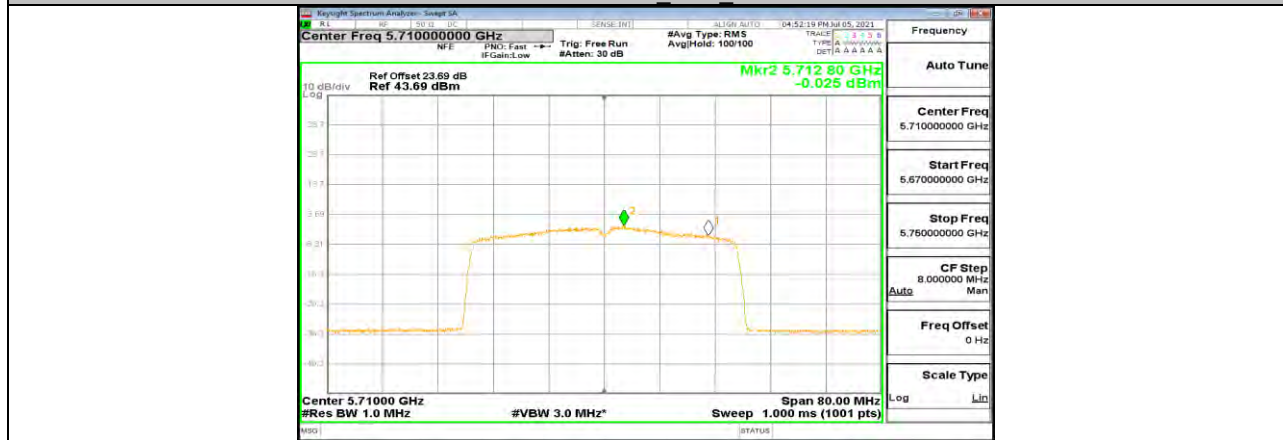
11AX40MIMO_Ant2_5550



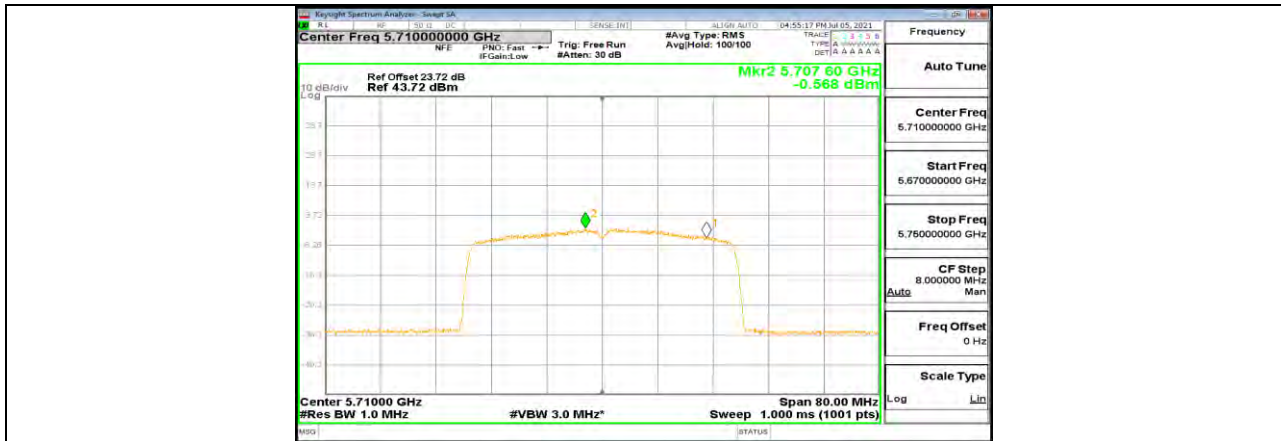
11AX40MIMO Ant1 5670



11AX40MIMO Ant2 5670



11AX40MIMO Ant1 5710 UNII-2C



11AX40MIMO Ant2_5710 UNII-2C



11AX40MIMO Ant1_5710 UNII-3



11AX40MIMO Ant2_5710 UNII-3



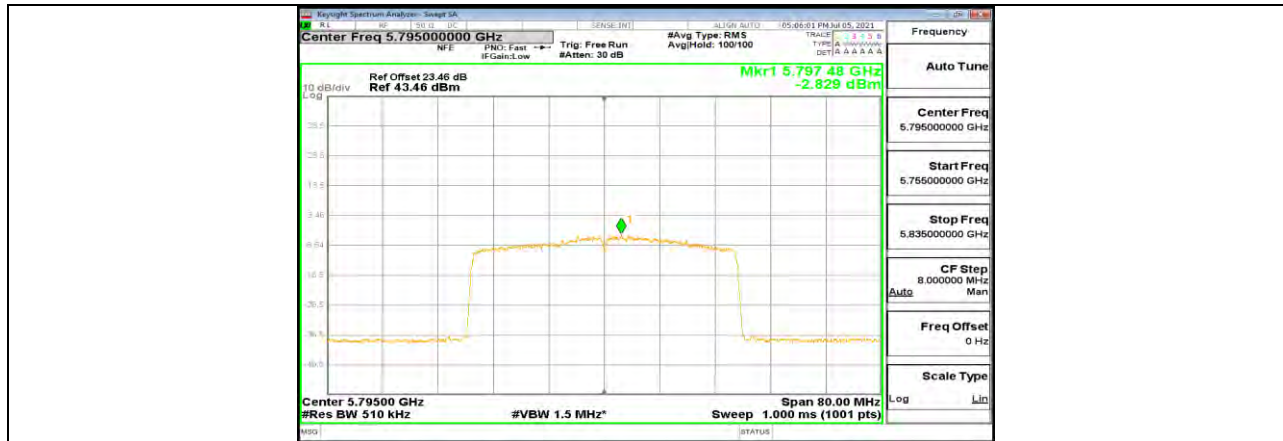
11AX40MIMO Ant1 5755



11AX40MIMO Ant2 5755



11AX40MIMO Ant1 5795





11AX80MIMO Ant1 5290



11AX80MIMO Ant2 5290



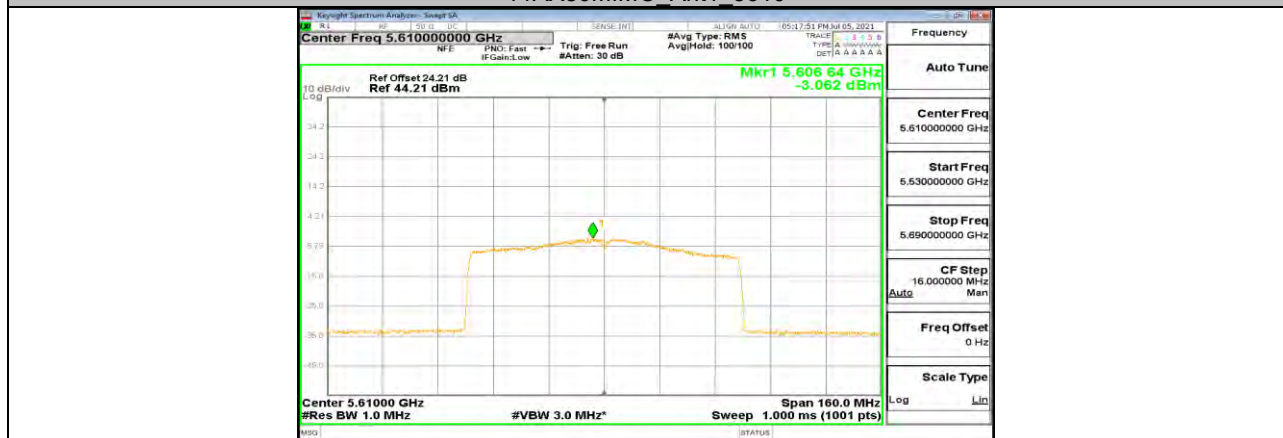
11AX80MIMO Ant1 5530



11AX80MIMO_Ant2_5530



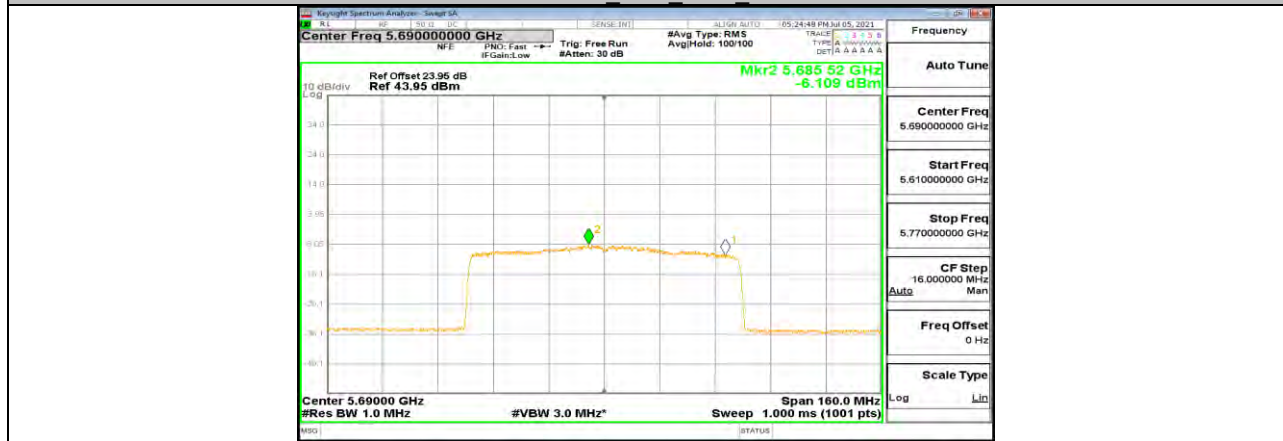
11AX80MIMO_Ant1_5610



11AX80MIMO_Ant2_5610



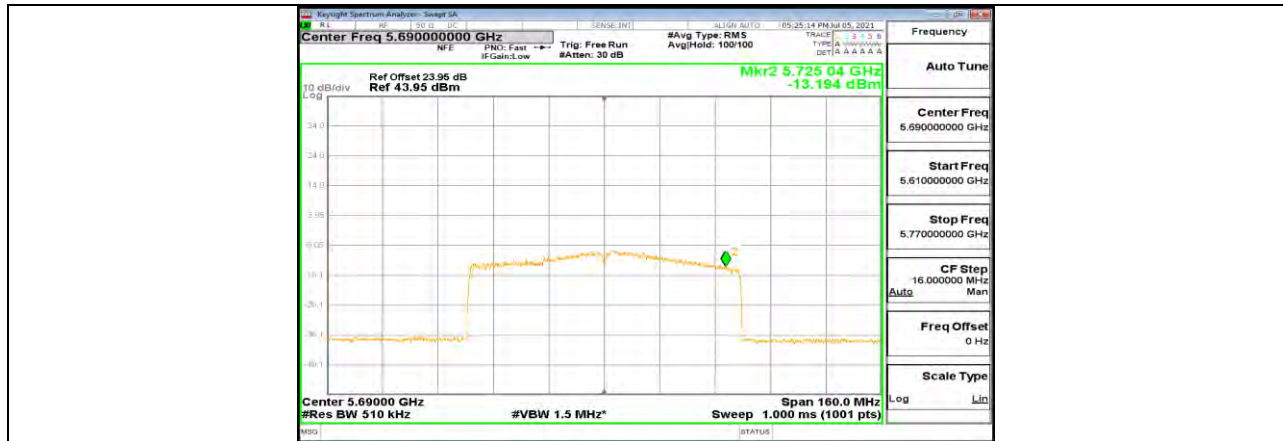
11AX80MIMO Ant1 5690 UNII-2C



11AX80MIMO Ant2 5690 UNII-2C



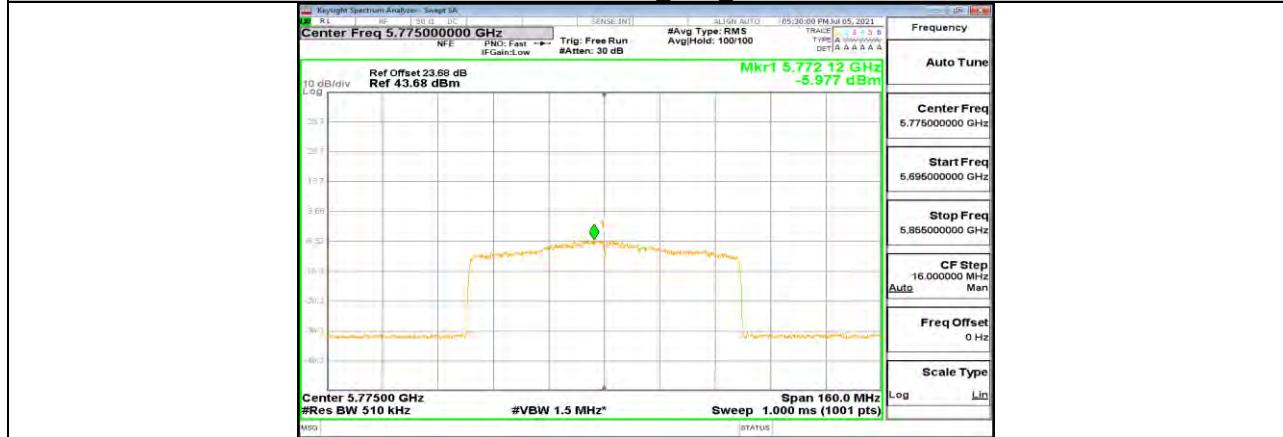
11AX80MIMO Ant1 5690 UNII-3



11AX80MIMO Ant2 5690 UNII-3



11AX80MIMO Ant1 5775



11AX80MIMO Ant2 5775



13.6. Appendix D: Duty Cycle

13.6.1. Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A20	1.40	1.62	0.8642	86.42	0.63	0.71	1
11N20MIMO	1.30	1.52	0.8553	85.53	0.68	0.77	1
11N40MIMO	0.64	0.87	0.7356	73.56	1.33	1.56	2
11AX20MIMO	0.31	0.51	0.6078	60.78	2.16	3.23	4
11AX40MIMO	0.31	0.52	0.5962	59.62	2.25	3.23	4
11AX80MIMO	0.30	0.52	0.5769	57.69	2.39	3.33	4

Note:

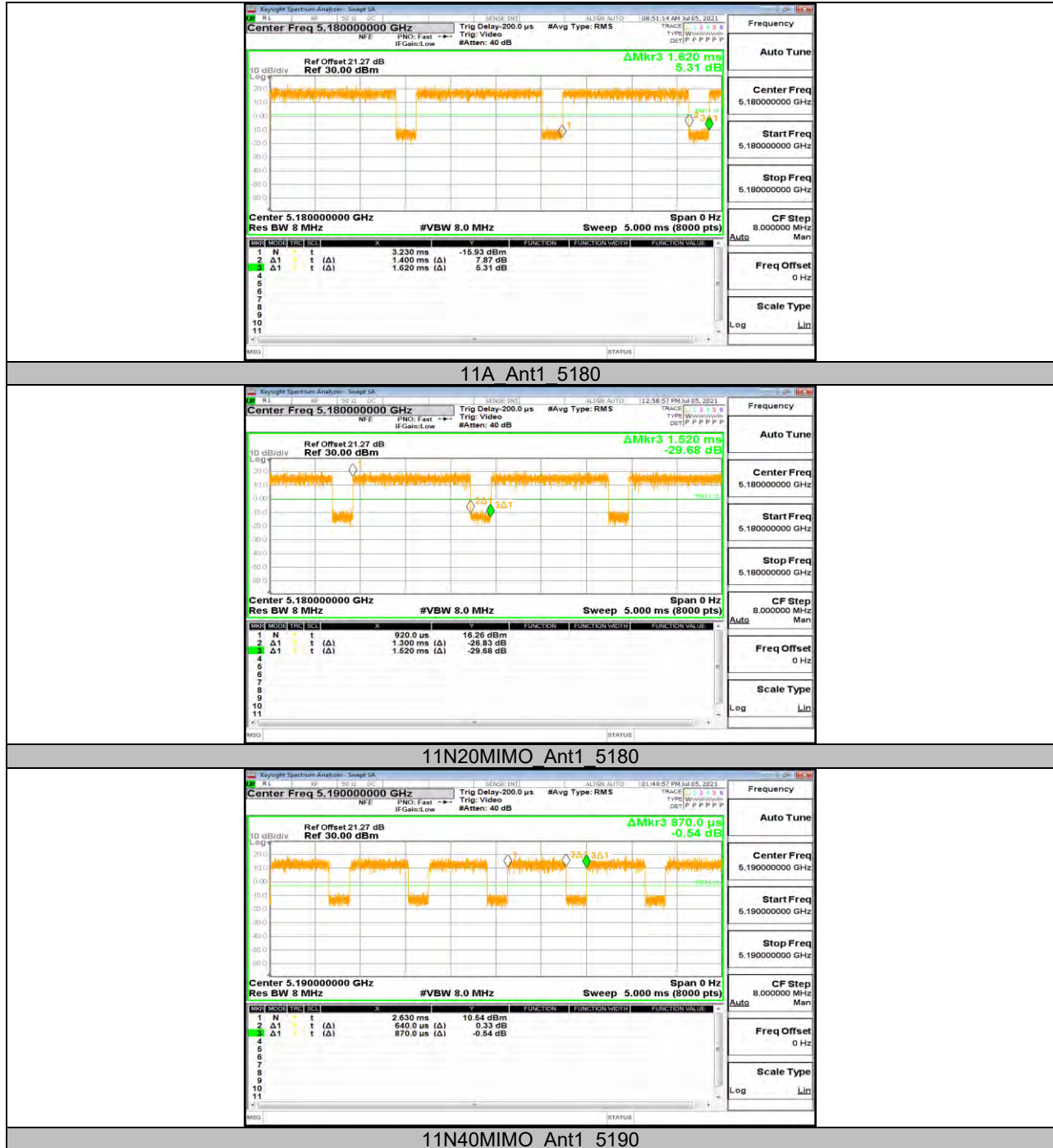
Duty Cycle Correction Factor=10log (1/x).

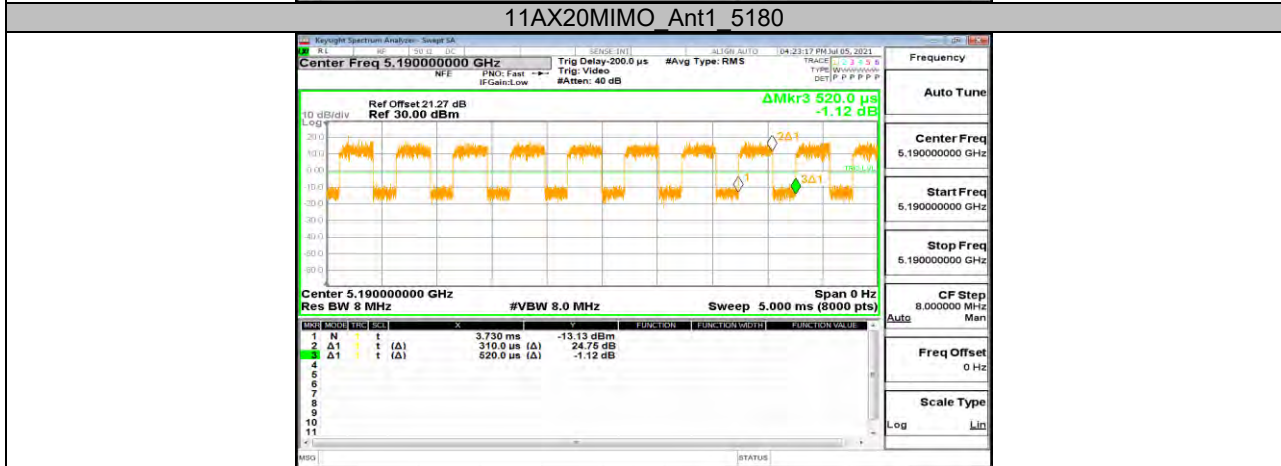
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

13.6.2. Test Graphs







13.7. Appendix E: Frequency Stability
13.7.1. Test Result

Frequency Error vs. Voltage									
802.11a20:5200MHz									
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	5200.0232	4.46	5200.0066	1.26	5199.9789	-4.06	5200.0001	0.03
TN	VN	5199.9900	-1.93	5200.0241	4.64	5200.0215	4.13	5200.0157	3.01
TN	VH	5200.0071	1.37	5199.9954	-0.88	5199.9999	-0.01	5200.0068	1.30
Frequency Error vs. Temperature									
802.11a20:5200MHz									
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)
70	VN	5199.9849	-2.90	5199.9993	-0.13	5200.0173	3.33	5199.9810	-3.65
60	VN	5200.0003	0.05	5200.0173	3.33	5200.0085	1.63	5199.9928	-1.38
50	VN	5199.9907	-1.78	5200.0040	0.77	5199.9835	-3.16	5200.0220	4.24
40	VN	5200.0111	2.14	5200.0136	2.62	5200.0044	0.85	5200.0185	3.55
30	VN	5199.9849	-2.90	5199.9993	-0.13	5200.0173	3.33	5199.9810	-3.65
20	VN	5200.0010	0.20	5199.9905	-1.82	5199.9862	-2.66	5199.9771	-4.41
10	VN	5199.9999	-0.03	5200.0133	2.56	5199.9784	-4.16	5200.0225	4.32
0	VN	5200.0018	0.34	5200.0168	3.22	5200.0005	0.09	5200.0060	1.15



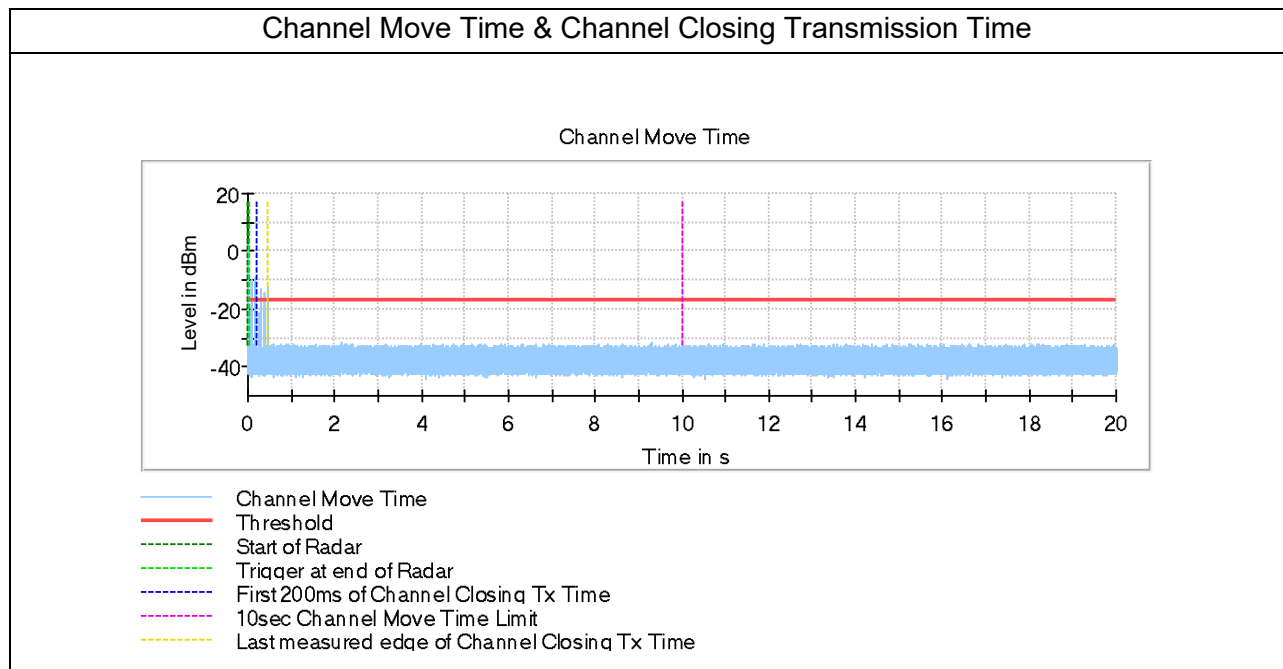
Frequency Error vs. Voltage									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5824.9908	-1.57	5824.9937	-1.08	5825.0201	3.45	5824.9778	-3.81
TN	VN	5824.9775	-3.86	5824.9857	-2.46	5825.0215	3.69	5824.9937	-1.08
TN	VH	5825.0021	0.36	5824.9798	-3.46	5825.0034	0.58	5825.0169	2.91
Frequency Error vs. Temperature									
802.11a:5825MHz									
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)
70	VN	5825.0140	2.41	5824.9896	-1.78	5825.0141	2.43	5824.9841	-2.74
60	VN	5825.0037	0.63	5824.9954	-0.80	5825.0070	1.21	5824.9780	-3.78
50	VN	5824.9947	-0.92	5824.9908	-1.57	5824.9892	-1.85	5825.0040	0.69
40	VN	5824.9814	-3.20	5824.9996	-0.06	5824.9795	-3.52	5825.0016	0.28
30	VN	5824.9992	-0.13	5824.9908	-1.59	5825.0014	0.24	5825.0144	2.48
20	VN	5825.0140	2.41	5824.9896	-1.78	5825.0141	2.43	5824.9841	-2.74
10	VN	5824.9877	-2.11	5825.0000	0.00	5825.0172	2.96	5824.9792	-3.57
0	VN	5824.9885	-1.97	5824.9934	-1.14	5824.9895	-1.81	5825.0191	3.28

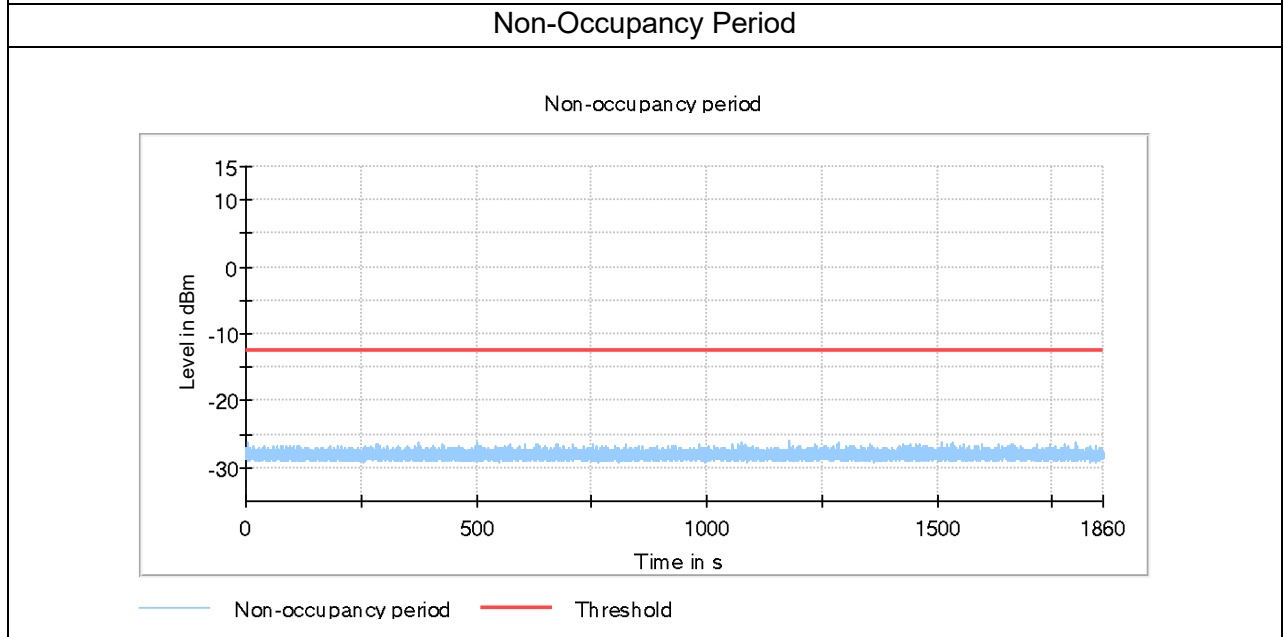
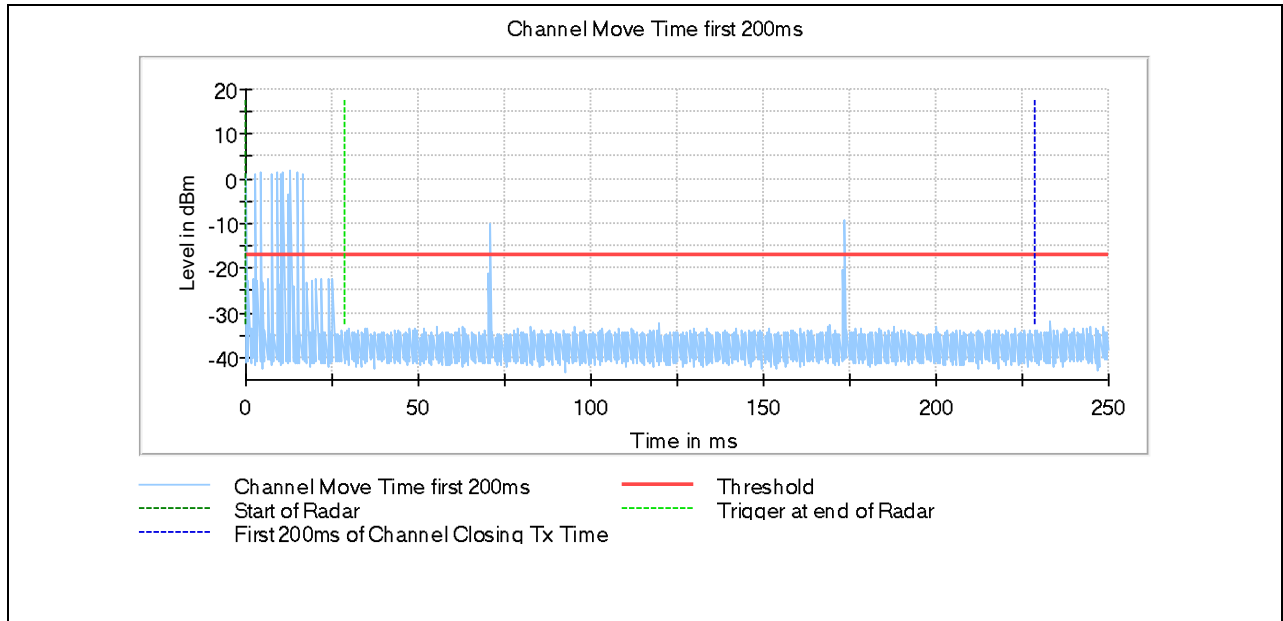
Note: All antennas and test modes have been tested, only the worst data record in the report.

13.8. Appendix F: DYNAMIC FREQUENCY SELECTION

802.11ac VHT80 Mode

BW/Channel	Test Item	Test Result	Limit	Results
80MHz / 5530MHz	Channel Move Time	0.452S	< 10 s	pass
	Channel Closing Transmission Time	0.024S	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.	pass
	Non-Occupancy Period	Nothing appears	If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear.	pass





END OF REPORT