11AC40MIMO_Ant1_5710_UNII-3

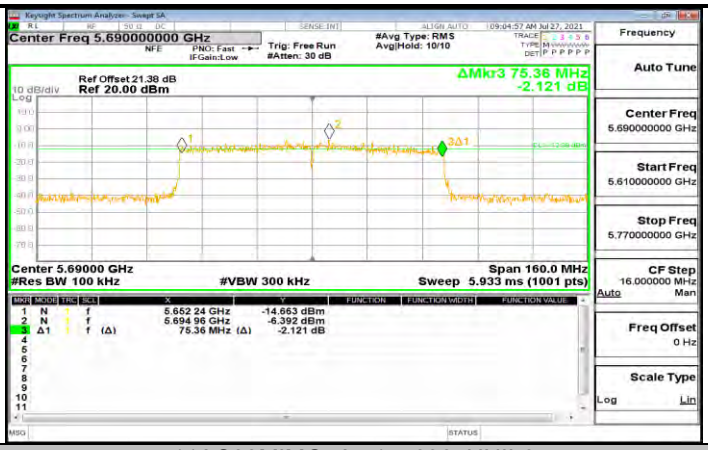
11AC40MIMO_Ant2_5710_UNII-3

11AC40MIMO_Ant1_5755

11AC40MIMO_Ant2_5755

11AC40MIMO_Ant1_5795

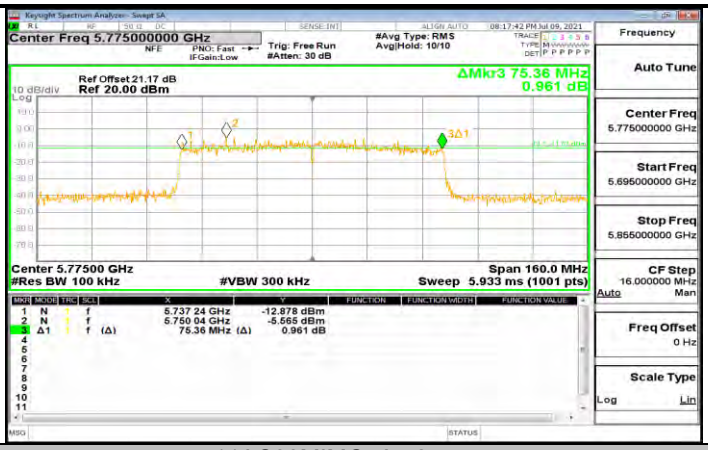
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5690_UNII-3

11AC80MIMO_Ant2_5690_UNII-3

11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

12.4. Appendix B: Maximum conducted output power

12.4.1. Test Result

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A20	Ant1	5180	14.32	<=23.98	---	15.77	<=22.22	PASS
	Ant2	5180	14.94	<=23.98	---	16.39	<=22.21	PASS
	Ant1	5200	14.31	<=23.98	---	15.76	<=22.21	PASS
	Ant2	5200	14.88	<=23.98	---	16.33	<=22.21	PASS
	Ant1	5240	14.41	<=23.98	---	15.86	<=22.20	PASS
	Ant2	5240	14.79	<=23.98	---	16.24	<=22.17	PASS
	Ant1	5260	14.33	<=23.95	<=23.17	15.78	<=29.17	PASS
	Ant2	5260	14.83	<=23.98	<=23.21	16.28	<=29.21	PASS
	Ant1	5280	14.24	<=23.93	<=23.20	15.69	<=29.20	PASS
	Ant2	5280	14.68	<=23.98	<=23.18	16.13	<=29.18	PASS
	Ant1	5320	14.26	<=23.92	<=23.21	15.71	<=29.21	PASS
	Ant2	5320	14.68	<=23.91	<=23.18	16.13	<=29.18	PASS
	Ant1	5500	13.83	<=23.91	<=23.23	15.28	<=29.23	PASS
	Ant2	5500	14.66	<=23.98	<=23.21	16.11	<=29.21	PASS
	Ant1	5580	14.30	<=23.90	<=23.18	15.75	<=29.18	PASS
	Ant2	5580	15.26	<=23.93	<=23.20	16.71	<=29.20	PASS
	Ant1	5700	13.75	<=23.97	<=23.18	15.20	<=29.18	PASS
	Ant2	5700	14.27	<=23.97	<=23.18	15.72	<=29.18	PASS
	Ant1	5720_UNII-2C	12.31	<=22.69	<=22.29	13.76	<=28.29	PASS
	Ant2	5720_UNII-2C	12.39	<=22.73	<=22.23	13.84	<=28.23	PASS
	Ant1	5720_UNII-3	4.98	<=30	<=30	6.43	---	PASS
	Ant2	5720_UNII-3	4.66	<=30	<=30	6.11	---	PASS
	Ant1	5745	14.62	<=30	<=30	16.07	---	PASS
	Ant2	5745	14.96	<=30	<=30	16.41	---	PASS
	Ant1	5785	14.04	<=30	<=30	15.49	---	PASS
	Ant2	5785	14.45	<=30	<=30	15.90	---	PASS
	Ant1	5825	13.48	<=30	<=30	14.93	---	PASS
	Ant2	5825	13.90	<=30	<=30	15.35	---	PASS
11N20MIMO	Ant1	5180	12.06	<=23.98	---	13.51	<=22.48	PASS
	Ant2	5180	12.09	<=23.98	---	13.54	<=22.47	PASS
	total	5180	15.09	<=23.98	---	16.54	<=22.47	PASS
	Ant1	5200	12.06	<=23.98	---	13.51	<=22.49	PASS
	Ant2	5200	12.09	<=23.98	---	13.54	<=22.50	PASS
	total	5200	15.09	<=23.98	---	16.54	<=22.50	PASS
	Ant1	5240	11.96	<=23.98	---	13.41	<=22.48	PASS
	Ant2	5240	11.86	<=23.98	---	13.31	<=22.46	PASS
	total	5240	14.92	<=23.98	---	16.37	<=22.46	PASS
	Ant1	5260	12.92	<=23.90	<=23.47	14.37	<=29.47	PASS
	Ant2	5260	13.80	<=23.96	<=23.49	15.25	<=29.49	PASS
	total	5260	16.39	<=23.96	<=23.49	17.84	<=29.49	PASS
	Ant1	5280	12.89	<=23.98	<=23.48	14.34	<=29.48	PASS
	Ant2	5280	13.65	<=23.98	<=23.48	15.10	<=29.48	PASS
	total	5280	16.30	<=23.98	<=23.48	17.75	<=29.48	PASS
	Ant1	5320	12.70	<=23.98	<=23.47	14.15	<=29.47	PASS
	Ant2	5320	13.81	<=23.98	<=23.46	15.26	<=29.46	PASS
	total	5320	16.30	<=23.98	<=23.46	17.75	<=29.46	PASS
	Ant1	5500	13.06	<=23.98	<=23.47	14.51	<=29.47	PASS
	Ant2	5500	13.54	<=23.88	<=23.47	14.99	<=29.47	PASS
	total	5500	16.32	<=23.88	<=23.47	17.77	<=29.47	PASS

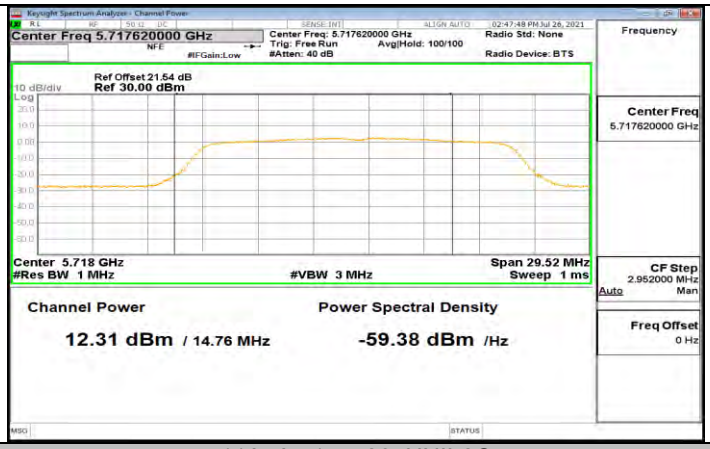
	Ant1	5580	13.67	<=23.98	<=23.48	15.12	<=29.48	PASS
	Ant2	5580	14.06	<=23.94	<=23.48	15.51	<=29.48	PASS
	total	5580	16.88	<=23.94	<=23.48	18.33	<=29.48	PASS
	Ant1	5700	13.40	<=23.96	<=23.47	14.85	<=29.47	PASS
	Ant2	5700	13.40	<=23.98	<=23.45	14.85	<=29.45	PASS
	total	5700	16.41	<=23.98	<=23.45	17.86	<=29.45	PASS
	Ant1	5720_UNII-2C	11.99	<=22.82	<=22.42	13.44	<=28.42	PASS
	Ant2	5720_UNII-2C	12.31	<=22.78	<=22.43	13.76	<=28.43	PASS
	total	5720_UNII-2C	15.16	<=22.78	<=22.43	16.61	<=28.43	PASS
	Ant1	5720_UNII-3	4.53	<=30	<=30	5.98	---	PASS
	Ant2	5720_UNII-3	4.78	<=30	<=30	6.23	---	PASS
	total	5720_UNII-3	7.67	<=30	<=9999	9.12	---	PASS
	Ant1	5745	13.71	<=30	<=30	15.16	---	PASS
	Ant2	5745	13.51	<=30	<=30	14.96	---	PASS
	total	5745	16.62	<=30	<=30	18.07	---	PASS
	Ant1	5785	13.23	<=30	<=30	14.68	---	PASS
	Ant2	5785	13.25	<=30	<=30	14.70	---	PASS
	total	5785	16.25	<=30	<=30	17.70	---	PASS
	Ant1	5825	12.80	<=30	<=30	14.25	---	PASS
	Ant2	5825	12.74	<=30	<=30	14.19	---	PASS
	total	5825	15.78	<=30	<=30	17.23	---	PASS
11N40MIMO	Ant1	5190	13.04	<=23.98	---	14.49	<=23	PASS
	Ant2	5190	13.06	<=23.98	---	14.51	<=23	PASS
	total	5190	16.06	<=23.98	---	17.51	<=23	PASS
	Ant1	5230	13.04	<=23.98	---	14.49	<=23	PASS
	Ant2	5230	13.07	<=23.98	---	14.52	<=23	PASS
	total	5230	16.07	<=23.98	---	17.52	<=23	PASS
	Ant1	5270	13.01	<=23.98	<=23.98	14.46	<=30	PASS
	Ant2	5270	12.85	<=23.98	<=23.98	14.30	<=30	PASS
	total	5270	15.94	<=23.98	<=23.98	17.39	<=30	PASS
	Ant1	5310	12.88	<=23.98	<=23.98	14.33	<=30	PASS
	Ant2	5310	12.88	<=23.98	<=23.98	14.33	<=30	PASS
	total	5310	15.89	<=23.98	<=23.98	17.34	<=30	PASS
	Ant1	5510	13.09	<=23.98	<=23.98	14.54	<=30	PASS
	Ant2	5510	13.39	<=23.98	<=23.98	14.84	<=30	PASS
	total	5510	16.25	<=23.98	<=23.98	17.70	<=30	PASS
	Ant1	5550	13.59	<=23.98	<=23.98	15.04	<=30	PASS
	Ant2	5550	14.16	<=23.98	<=23.98	15.61	<=30	PASS
	total	5550	16.89	<=23.98	<=23.98	18.34	<=30	PASS
	Ant1	5670	13.59	<=23.98	<=23.98	15.04	<=30	PASS
	Ant2	5670	13.38	<=23.98	<=23.98	14.83	<=30	PASS
	total	5670	16.50	<=23.98	<=23.98	17.95	<=30	PASS
	Ant1	5710_UNII-2C	11.96	<=23.98	<=23.98	13.41	<=30	PASS
	Ant2	5710_UNII-2C	12.43	<=23.98	<=23.98	13.88	<=30	PASS
	total	5710_UNII-2C	15.21	<=23.98	<=23.98	16.66	<=30	PASS
	Ant1	5710_UNII-3	-0.74	<=30	<=30	0.71	---	PASS
	Ant2	5710_UNII-3	-0.55	<=30	<=30	0.90	---	PASS
	total	5710_UNII-3	2.37	<=30	<=30	3.82	---	PASS
	Ant1	5755	13.11	<=30	<=30	14.56	---	PASS
	Ant2	5755	12.83	<=30	<=30	14.28	---	PASS

	total	5755	15.98	<=30	<=30	17.43	---	PASS
	Ant1	5795	12.36	<=30	<=30	13.81	---	PASS
	Ant2	5795	12.23	<=30	<=30	13.68	---	PASS
	total	5795	15.31	<=30	<=30	16.76	---	PASS
11AC20MIMO	Ant1	5180	12.05	<=23.98	---	13.50	<=22.49	PASS
	Ant2	5180	12.13	<=23.98	---	13.58	<=22.47	PASS
	total	5180	15.10	<=23.98	---	16.55	<=22.47	PASS
	Ant1	5200	11.98	<=23.98	---	13.43	<=22.49	PASS
	Ant2	5200	12.27	<=23.98	---	13.72	<=22.46	PASS
	total	5200	15.14	<=23.98	---	16.59	<=22.46	PASS
	Ant1	5240	12.01	<=23.98	---	13.46	<=22.46	PASS
	Ant2	5240	11.98	<=23.98	---	13.43	<=22.45	PASS
	total	5240	15.01	<=23.98	---	16.46	<=22.45	PASS
	Ant1	5260	13.34	<=23.98	<=23.47	14.79	<=29.47	PASS
	Ant2	5260	13.13	<=23.98	<=23.47	14.58	<=29.47	PASS
	total	5260	16.25	<=23.98	<=23.47	17.70	<=29.47	PASS
	Ant1	5280	13.28	<=23.98	<=23.48	14.73	<=29.48	PASS
	Ant2	5280	12.91	<=23.93	<=23.46	14.36	<=29.46	PASS
	total	5280	16.11	<=23.93	<=23.46	17.56	<=29.46	PASS
	Ant1	5320	13.24	<=23.97	<=23.46	14.69	<=29.46	PASS
	Ant2	5320	13.08	<=23.98	<=23.48	14.53	<=29.48	PASS
	total	5320	16.17	<=23.98	<=23.48	17.62	<=29.48	PASS
	Ant1	5500	13.18	<=23.91	<=23.47	14.63	<=29.47	PASS
	Ant2	5500	13.35	<=23.98	<=23.47	14.80	<=29.47	PASS
	total	5500	16.28	<=23.98	<=23.47	17.73	<=29.47	PASS
	Ant1	5580	13.70	<=23.98	<=23.47	15.15	<=29.47	PASS
	Ant2	5580	14.03	<=23.96	<=23.47	15.48	<=29.47	PASS
	total	5580	16.88	<=23.96	<=23.47	18.33	<=29.47	PASS
	Ant1	5700	13.12	<=23.96	<=23.47	14.57	<=29.47	PASS
	Ant2	5700	12.96	<=23.94	<=23.45	14.41	<=29.45	PASS
	total	5700	16.05	<=23.94	<=23.45	17.50	<=29.45	PASS
	Ant1	5720_UNII-2C	11.59	<=22.78	<=22.43	13.04	<=28.43	PASS
	Ant2	5720_UNII-2C	11.96	<=22.75	<=22.42	13.41	<=28.42	PASS
	total	5720_UNII-2C	14.79	<=22.75	<=22.42	16.24	<=28.42	PASS
	Ant1	5720_UNII-3	4.04	<=30	<=30	5.49	---	PASS
	Ant2	5720_UNII-3	4.38	<=30	<=30	5.83	---	PASS
	total	5720_UNII-3	7.22	<=30	<=30	8.67	---	PASS
	Ant1	5745	12.93	<=30	<=30	14.38	---	PASS
	Ant2	5745	12.77	<=30	<=30	14.22	---	PASS
	total	5745	15.86	<=30	<=30	17.31	---	PASS
	Ant1	5785	12.54	<=30	<=30	13.99	---	PASS
	Ant2	5785	12.35	<=30	<=30	13.80	---	PASS
	total	5785	15.46	<=30	<=30	16.91	---	PASS
	Ant1	5825	11.87	<=30	<=30	13.32	---	PASS
	Ant2	5825	11.92	<=30	<=30	13.37	---	PASS
	total	5825	14.91	<=30	<=30	16.36	---	PASS
11AC40MIMO	Ant1	5190	12.91	<=23.98	---	14.36	<=23	PASS
	Ant2	5190	13.27	<=23.98	---	14.72	<=23	PASS
	total	5190	16.10	<=23.98	---	17.55	<=23	PASS
	Ant1	5230	13.21	<=23.98	---	14.66	<=23	PASS
	Ant2	5230	13.30	<=23.98	---	14.75	<=23	PASS
	total	5230	16.27	<=23.98	---	17.72	<=23	PASS
	Ant1	5270	13.04	<=23.98	<=23.98	14.49	<=30	PASS
	Ant2	5270	13.26	<=23.98	<=23.98	14.71	<=30	PASS
	total	5270	16.16	<=23.98	<=23.98	17.61	<=30	PASS
	Ant1	5310	13.09	<=23.98	<=23.98	14.54	<=30	PASS

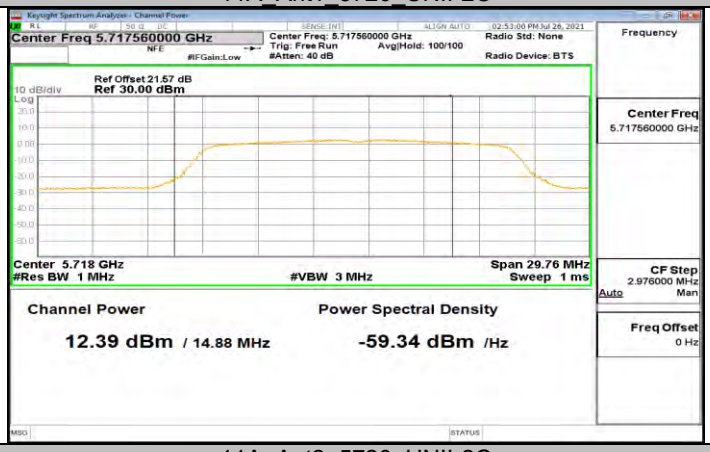
	Ant2	5310	13.15	<=23.98	<=23.98	14.60	<=30	PASS
	total	5310	16.13	<=23.98	<=23.98	17.58	<=30	PASS
	Ant1	5510	13.42	<=23.98	<=23.98	14.87	<=30	PASS
	Ant2	5510	13.90	<=23.98	<=23.98	15.35	<=30	PASS
	total	5510	16.68	<=23.98	<=23.98	18.13	<=30	PASS
	Ant1	5550	13.94	<=23.98	<=23.98	15.39	<=30	PASS
	Ant2	5550	14.59	<=23.98	<=23.98	16.04	<=30	PASS
	total	5550	17.29	<=23.98	<=23.98	18.74	<=30	PASS
	Ant1	5670	13.74	<=23.98	<=23.98	15.19	<=30	PASS
	Ant2	5670	13.97	<=23.98	<=23.98	15.42	<=30	PASS
	total	5670	16.87	<=23.98	<=23.98	18.32	<=30	PASS
	Ant1	5710_UNII-2C	13.06	<=23.98	<=23.98	14.51	<=30	PASS
	Ant2	5710_UNII-2C	13.62	<=23.98	<=23.98	15.07	<=30	PASS
	total	5710_UNII-2C	16.36	<=23.98	<=23.98	17.81	<=30	PASS
	Ant1	5710_UNII-3	0.38	<=30	<=30	1.83	---	PASS
	Ant2	5710_UNII-3	0.70	<=30	<=30	2.15	---	PASS
	total	5710_UNII-3	3.55	<=30	<=30	5.00	---	PASS
	Ant1	5755	12.95	<=30	<=30	14.40	---	PASS
	Ant2	5755	13.06	<=30	<=30	14.51	---	PASS
	total	5755	16.02	<=30	<=30	17.47	---	PASS
	Ant1	5795	12.47	<=30	<=30	13.92	---	PASS
	Ant2	5795	12.52	<=30	<=30	13.97	---	PASS
	total	5795	15.51	<=30	<=30	16.96	---	PASS
11AC80MIMO	Ant1	5210	13.48	<=23.98	---	14.93	<=23	PASS
	Ant2	5210	13.40	<=23.98	---	14.85	<=23	PASS
	total	5210	16.45	<=23.98	---	17.90	<=23	PASS
	Ant1	5290	13.32	<=23.98	<=23.98	14.77	<=30	PASS
	Ant2	5290	13.14	<=23.98	<=23.98	14.59	<=30	PASS
	total	5290	16.24	<=23.98	<=23.98	17.69	<=30	PASS
	Ant1	5530	13.09	<=23.98	<=23.98	14.54	<=30	PASS
	Ant2	5530	13.46	<=23.98	<=23.98	14.91	<=30	PASS
	total	5530	16.29	<=23.98	<=23.98	17.74	<=30	PASS
	Ant1	5610	13.26	<=23.98	<=23.98	14.71	<=30	PASS
	Ant2	5610	13.56	<=23.98	<=23.98	15.01	<=30	PASS
	total	5610	16.42	<=23.98	<=23.98	17.87	<=30	PASS
	Ant1	5690_UNII-2C	11.70	<=23.98	<=23.98	13.15	<=30	PASS
	Ant2	5690_UNII-2C	12.28	<=23.98	<=23.98	13.73	<=30	PASS
	total	5690_UNII-2C	15.01	<=23.98	<=23.98	16.46	<=30	PASS
	Ant1	5690_UNII-3	-3.91	<=30	<=30	-2.46	---	PASS
	Ant2	5690_UNII-3	-3.26	<=30	<=30	-1.81	---	PASS
	total	5690_UNII-3	-0.56	<=30	<=30	0.89	---	PASS
	Ant1	5775	12.90	<=30	<=30	14.35	---	PASS
	Ant2	5775	12.72	<=30	<=30	14.17	---	PASS
	total	5775	15.82	<=30	<=30	17.27	---	PASS

Note：The Duty Cycle Factor is compensated in the graph.

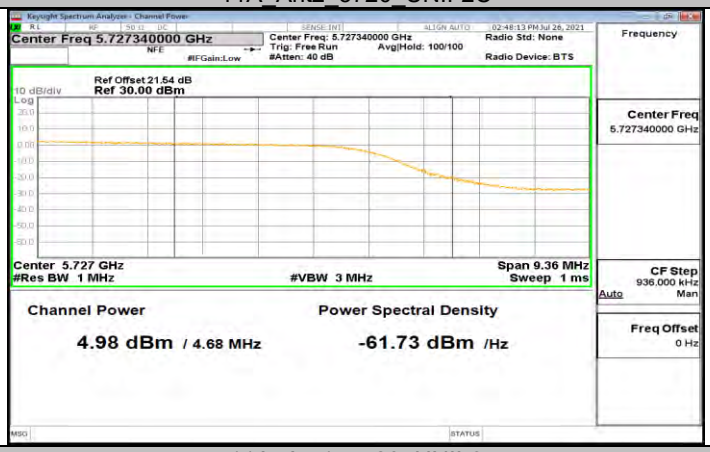
12.4.2. Test Graphs



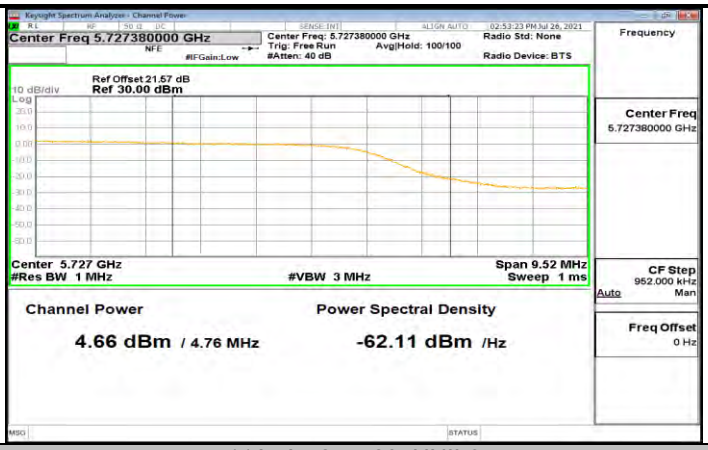
11A_Ant1_5720_UNII-2C



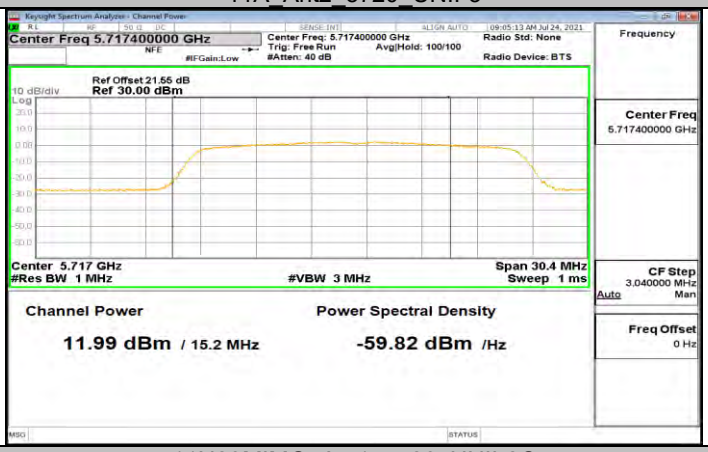
11A_Ant2_5720_UNII-2C



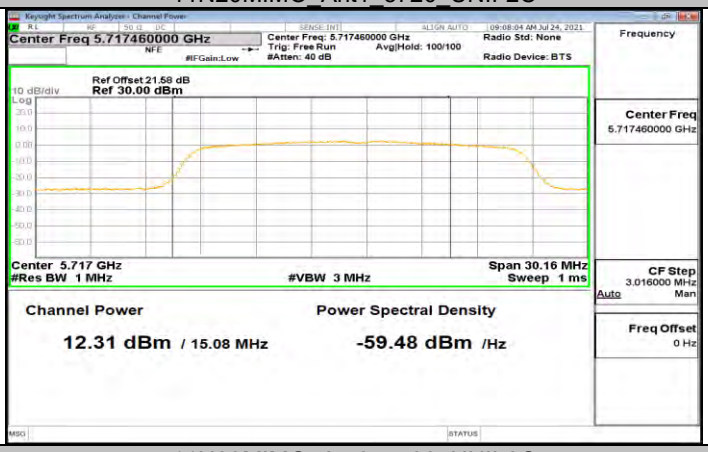
11A_Ant1_5720_UNII-3



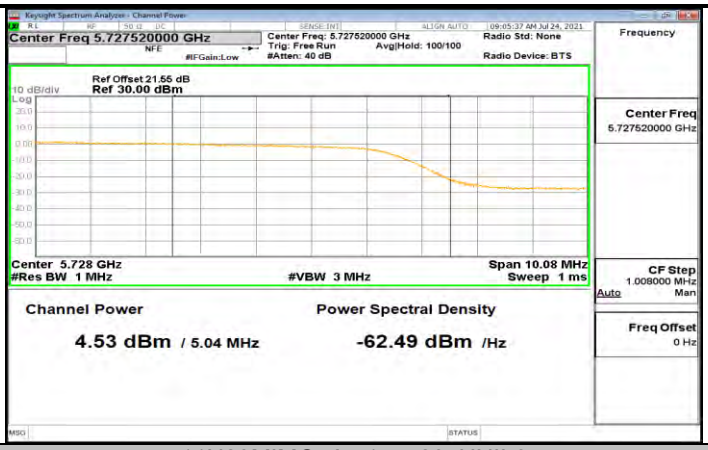
11A_Ant2_5720_UNII-3



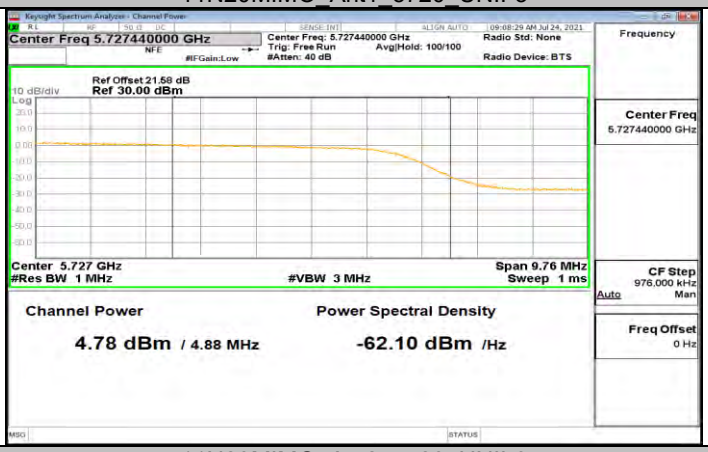
11N20MIMO_Ant1_5720_UNII-2C



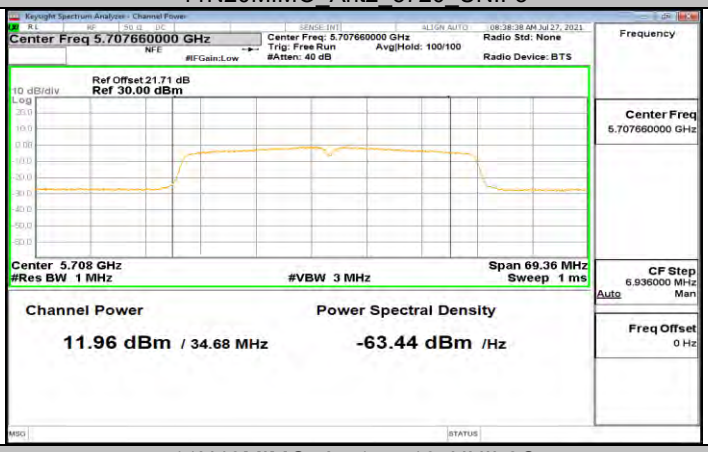
11N20MIMO_Ant2_5720_UNII-2C



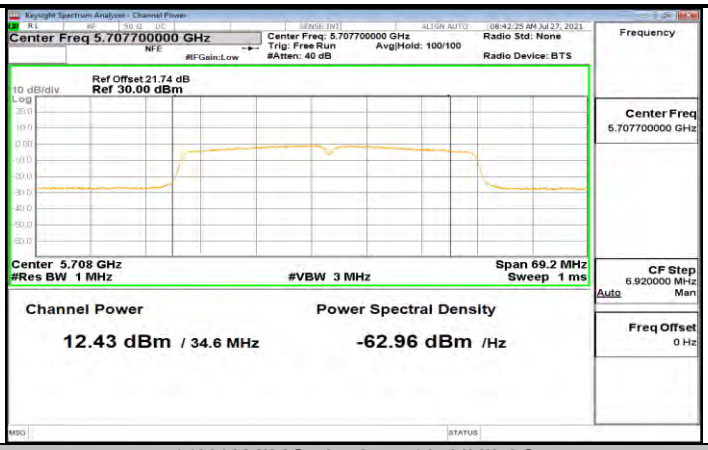
11N20MIMO_Ant1_5720_UNII-3



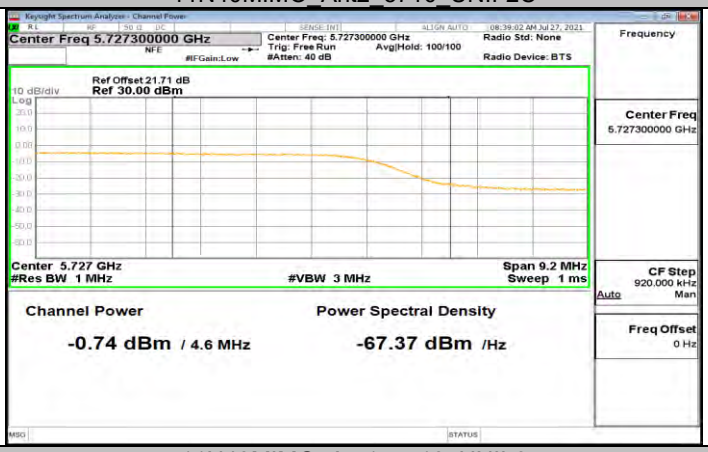
11N20MIMO_Ant2_5720_UNII-3



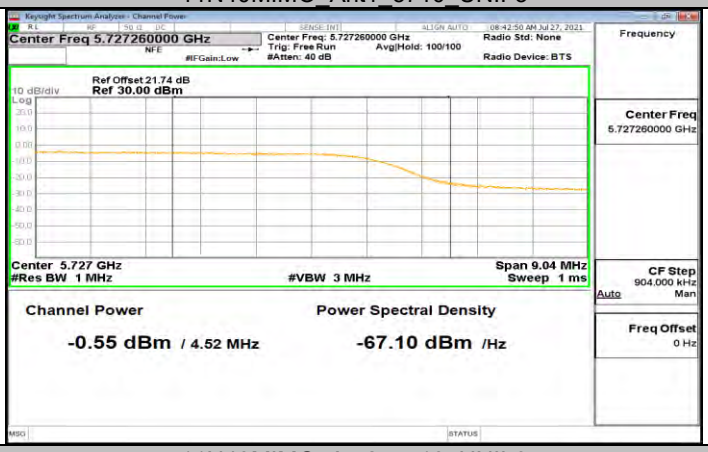
11N40MIMO_Ant1_5710_UNII-2C



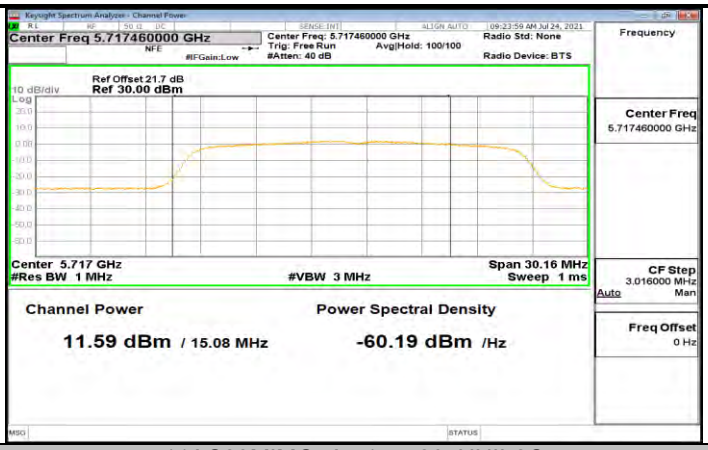
11N40MIMO_Ant2_5710_UNII-2C



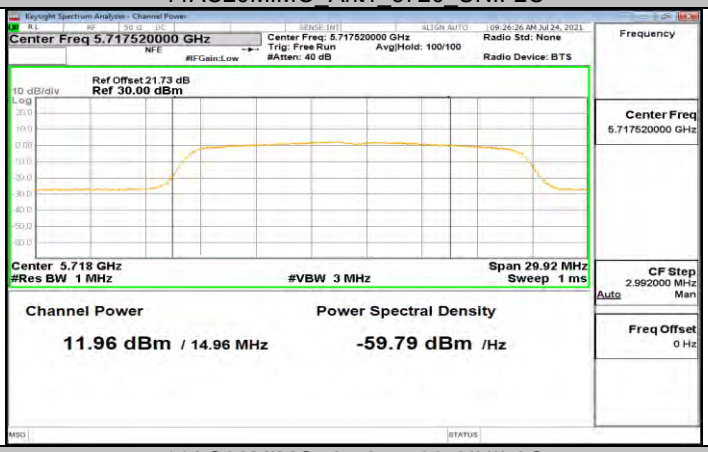
11N40MIMO_Ant1_5710_UNII-3



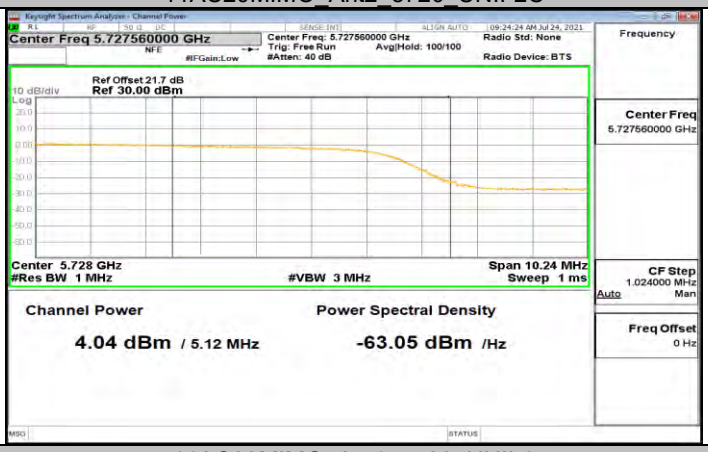
11N40MIMO_Ant2_5710_UNII-3



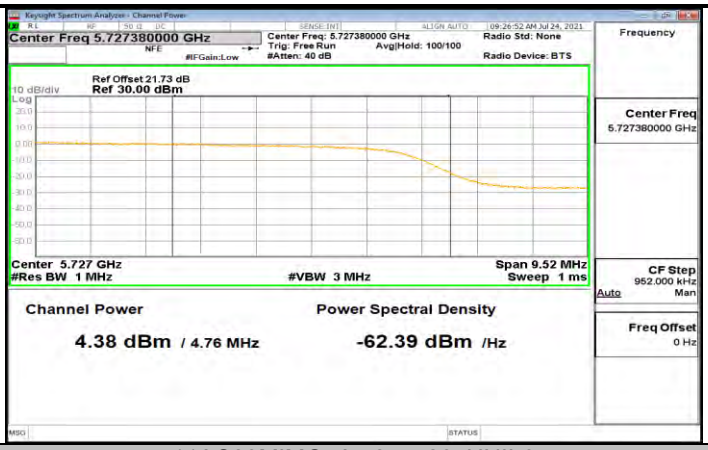
11AC20MIMO_Ant1_5720_UNII-2C



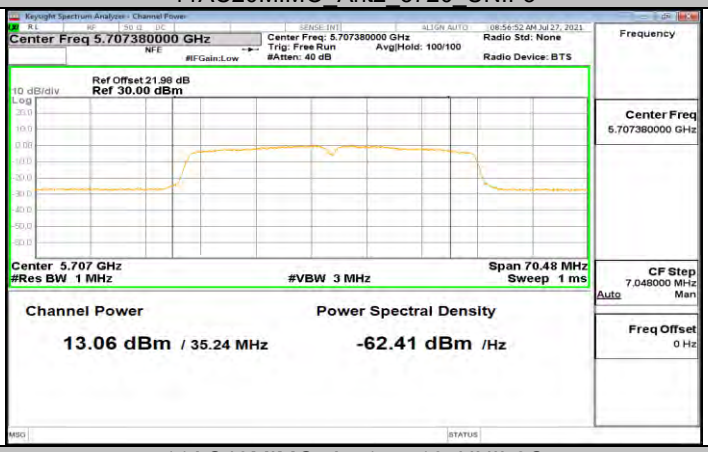
11AC20MIMO_Ant2_5720_UNII-2C



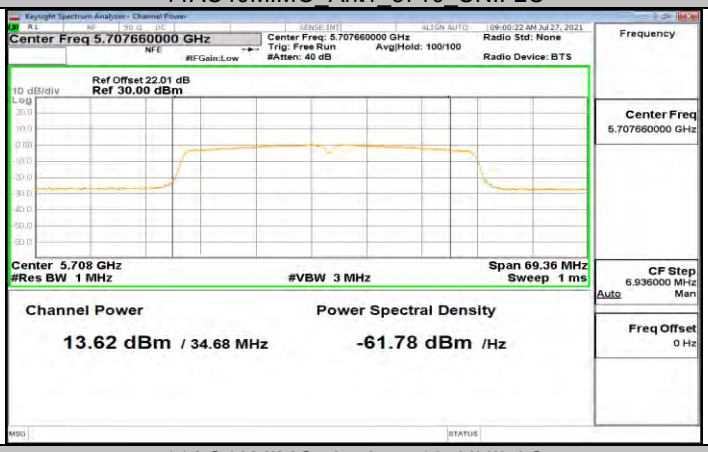
11AC20MIMO_Ant1_5720_UNII-3



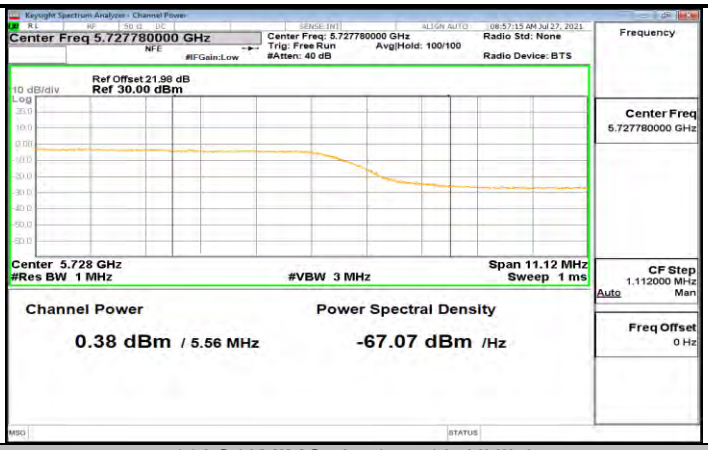
11AC20MIMO_Ant2_5720_UNII-3



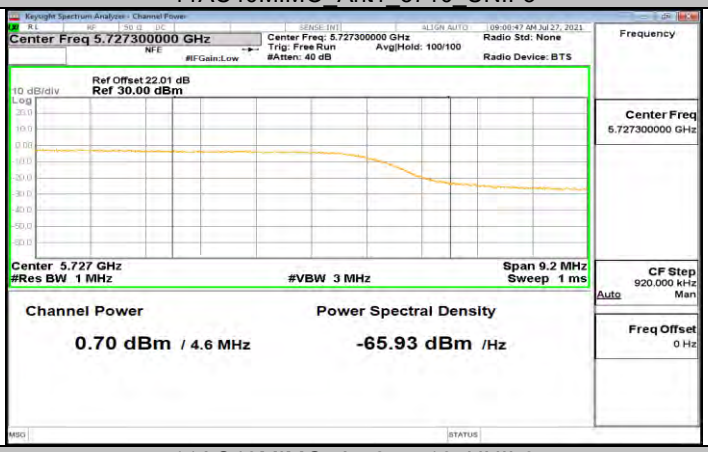
11AC40MIMO_Ant1_5710_UNII-2C



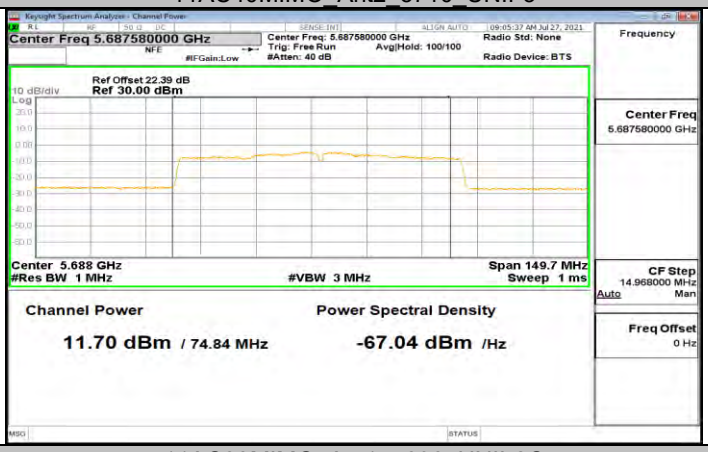
11AC40MIMO_Ant2_5710_UNII-2C



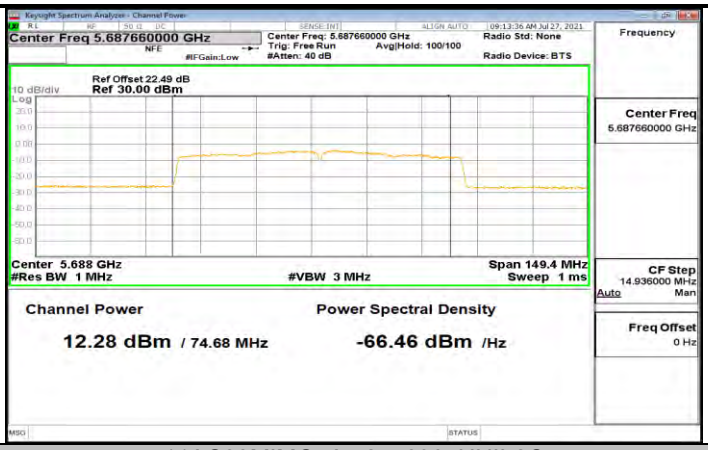
11AC40MIMO_Ant1_5710_UNII-3



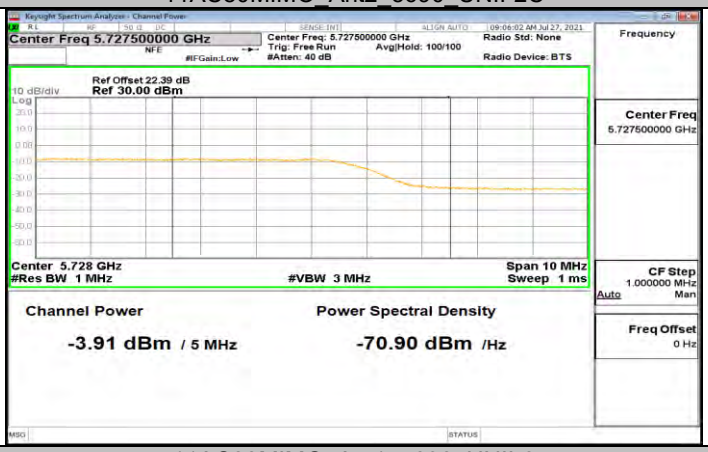
11AC40MIMO_Ant2_5710_UNII-3



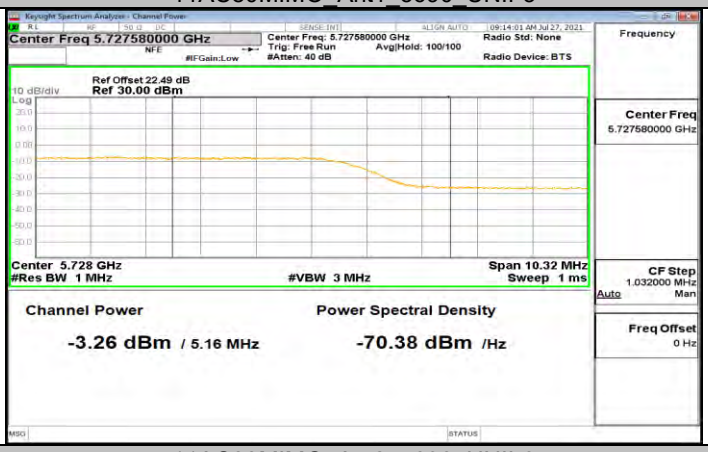
11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO_Ant2_5690_UNII-3

12.5. Appendix C: Maximum power spectral density

12.5.1. Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A20	Ant1	5180	4.1	<=11	5.55	<=10	PASS
	Ant2	5180	4.69	<=11	6.14	<=10	PASS
	Ant1	5200	4.3	<=11	5.75	<=10	PASS
	Ant2	5200	4.8	<=11	6.25	<=10	PASS
	Ant1	5240	4.23	<=11	5.68	<=10	PASS
	Ant2	5240	4.76	<=11	6.21	<=10	PASS
	Ant1	5260	4.11	<=11	---	---	PASS
	Ant2	5260	4.9	<=11	---	---	PASS
	Ant1	5280	4.17	<=11	---	---	PASS
	Ant2	5280	4.55	<=11	---	---	PASS
	Ant1	5320	4.24	<=11	---	---	PASS
	Ant2	5320	4.49	<=11	---	---	PASS
	Ant1	5500	3.75	<=11	---	---	PASS
	Ant2	5500	4.46	<=11	---	---	PASS
	Ant1	5580	4.27	<=11	---	---	PASS
	Ant2	5580	5.08	<=11	---	---	PASS
	Ant1	5700	3.46	<=11	---	---	PASS
	Ant2	5700	3.96	<=11	---	---	PASS
	Ant1	5720_UNII-2C	3.23	<=11	---	---	PASS
	Ant2	5720_UNII-2C	3.07	<=11	---	---	PASS
	Ant1	5720_UNII-3	-1.44	<=11	---	---	PASS
	Ant2	5720_UNII-3	-1.67	<=11	---	---	PASS
	Ant1	5745	1.81	<=30	---	---	PASS
	Ant2	5745	2.16	<=30	---	---	PASS
	Ant1	5785	1.31	<=30	---	---	PASS
	Ant2	5785	1.59	<=30	---	---	PASS
	Ant1	5825	0.54	<=30	---	---	PASS
	Ant2	5825	0.84	<=30	---	---	PASS
11N20MIMO	Ant1	5180	1.78	<=11	3.23	<=10	PASS
	Ant2	5180	2.04	<=11	3.49	<=10	PASS
	total	5180	4.92	<=11	6.37	<=10	PASS
	Ant1	5200	1.71	<=11	3.16	<=10	PASS
	Ant2	5200	2.12	<=11	3.57	<=10	PASS
	total	5200	4.93	<=11	6.38	<=10	PASS
	Ant1	5240	1.71	<=11	3.16	<=10	PASS
	Ant2	5240	1.5	<=11	2.95	<=10	PASS
	total	5240	4.62	<=11	6.07	<=10	PASS
	Ant1	5260	2.46	<=11	---	---	PASS
	Ant2	5260	3.56	<=11	---	---	PASS
	total	5260	6.06	<=11	---	---	PASS
	Ant1	5280	2.54	<=11	---	---	PASS
	Ant2	5280	3.8	<=11	---	---	PASS
	total	5280	6.23	<=11	---	---	PASS
	Ant1	5320	2.53	<=11	---	---	PASS
	Ant2	5320	3.62	<=11	---	---	PASS
	total	5320	6.12	<=11	---	---	PASS
	Ant1	5500	2.73	<=11	---	---	PASS
	Ant2	5500	3.3	<=11	---	---	PASS
	total	5500	6.03	<=11	---	---	PASS
	Ant1	5580	3.33	<=11	---	---	PASS
	Ant2	5580	4.04	<=11	---	---	PASS
	total	5580	6.71	<=11	---	---	PASS

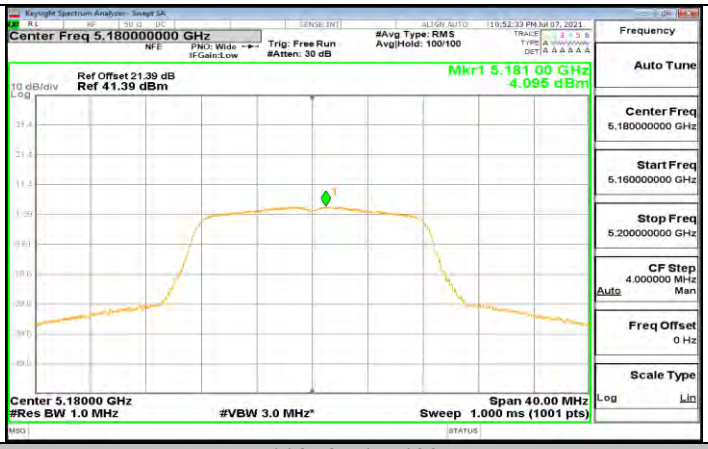
	Ant1	5700	3.35	<=11	---	---	PASS
	Ant2	5700	3.14	<=11	---	---	PASS
	total	5700	6.26	<=11	---	---	PASS
	Ant1	5720_UNII-2C	2.87	<=11	---	---	PASS
	Ant2	5720_UNII-2C	3.43	<=11	---	---	PASS
	total	5720_UNII-2C	6.17	<=11	---	---	PASS
	Ant1	5720_UNII-3	-2	<=11	---	---	PASS
	Ant2	5720_UNII-3	-2.01	<=11	---	---	PASS
	total	5720_UNII-3	1.01	<=11	---	---	PASS
	Ant1	5745	0.51	<=30	---	---	PASS
	Ant2	5745	0.44	<=30	---	---	PASS
	total	5745	3.49	<=30	---	---	PASS
	Ant1	5785	0.26	<=30	---	---	PASS
	Ant2	5785	0.11	<=30	---	---	PASS
	total	5785	3.20	<=30	---	---	PASS
	Ant1	5825	-0.21	<=30	---	---	PASS
	Ant2	5825	0.11	<=30	---	---	PASS
	total	5825	2.96	<=30	---	---	PASS
11N40MIMO	Ant1	5190	-0.36	<=11	1.09	<=10	PASS
	Ant2	5190	-0.12	<=11	1.33	<=10	PASS
	total	5190	2.77	<=11	4.22	<=10	PASS
	Ant1	5230	-0.27	<=11	1.18	<=10	PASS
	Ant2	5230	-0.12	<=11	1.33	<=10	PASS
	total	5230	2.82	<=11	4.27	<=10	PASS
	Ant1	5270	-0.22	<=11	---	---	PASS
	Ant2	5270	-0.59	<=11	---	---	PASS
	total	5270	2.61	<=11	---	---	PASS
	Ant1	5310	-0.55	<=11	---	---	PASS
	Ant2	5310	-0.65	<=11	---	---	PASS
	total	5310	2.41	<=11	---	---	PASS
	Ant1	5510	-0.15	<=11	---	---	PASS
	Ant2	5510	0.15	<=11	---	---	PASS
	total	5510	3.01	<=11	---	---	PASS
	Ant1	5550	0.51	<=11	---	---	PASS
	Ant2	5550	0.93	<=11	---	---	PASS
	total	5550	3.74	<=11	---	---	PASS
	Ant1	5670	0.35	<=11	---	---	PASS
	Ant2	5670	0.17	<=11	---	---	PASS
	total	5670	3.27	<=11	---	---	PASS
	Ant1	5710_UNII-2C	-1.21	<=11	---	---	PASS
	Ant2	5710_UNII-2C	-0.87	<=11	---	---	PASS
	total	5710_UNII-2C	1.97	<=11	---	---	PASS
	Ant1	5710_UNII-3	-7.67	<=11	---	---	PASS
	Ant2	5710_UNII-3	-7.14	<=11	---	---	PASS
	total	5710_UNII-3	-4.39	<=11	---	---	PASS
	Ant1	5755	-2.96	<=30	---	---	PASS
	Ant2	5755	-3.36	<=30	---	---	PASS
	total	5755	-0.15	<=30	---	---	PASS
	Ant1	5795	-3.63	<=30	---	---	PASS
	Ant2	5795	-3.98	<=30	---	---	PASS
	total	5795	-0.79	<=30	---	---	PASS
11AC20MIMO	Ant1	5180	1.46	<=11	2.91	<=10	PASS
	Ant2	5180	1.67	<=11	3.12	<=10	PASS
	total	5180	4.58	<=11	6.03	<=10	PASS
	Ant1	5200	1.72	<=11	3.17	<=10	PASS
	Ant2	5200	1.94	<=11	3.39	<=10	PASS

	total	5200	4.84	<=11	6.29	<=10	PASS
	Ant1	5240	1.8	<=11	3.25	<=10	PASS
	Ant2	5240	1.87	<=11	3.32	<=10	PASS
	total	5240	4.85	<=11	6.30	<=10	PASS
	Ant1	5260	3.1	<=11	---	---	PASS
	Ant2	5260	2.82	<=11	---	---	PASS
	total	5260	5.97	<=11	---	---	PASS
	Ant1	5280	3	<=11	---	---	PASS
	Ant2	5280	2.55	<=11	---	---	PASS
	total	5280	5.79	<=11	---	---	PASS
	Ant1	5320	3.25	<=11	---	---	PASS
	Ant2	5320	2.82	<=11	---	---	PASS
	total	5320	6.05	<=11	---	---	PASS
	Ant1	5500	2.84	<=11	---	---	PASS
	Ant2	5500	2.95	<=11	---	---	PASS
	total	5500	5.91	<=11	---	---	PASS
	Ant1	5580	3.29	<=11	---	---	PASS
	Ant2	5580	3.94	<=11	---	---	PASS
	total	5580	6.64	<=11	---	---	PASS
	Ant1	5700	2.92	<=11	---	---	PASS
	Ant2	5700	2.76	<=11	---	---	PASS
	total	5700	5.85	<=11	---	---	PASS
	Ant1	5720_UNII-2C	2.31	<=11	---	---	PASS
	Ant2	5720_UNII-2C	2.58	<=11	---	---	PASS
	total	5720_UNII-2C	5.46	<=11	---	---	PASS
	Ant1	5720_UNII-3	-2.37	<=11	---	---	PASS
	Ant2	5720_UNII-3	-2.1	<=11	---	---	PASS
	total	5720_UNII-3	0.78	<=11	---	---	PASS
	Ant1	5745	-0.29	<=30	---	---	PASS
	Ant2	5745	-0.5	<=30	---	---	PASS
	total	5745	2.62	<=30	---	---	PASS
	Ant1	5785	-0.24	<=30	---	---	PASS
	Ant2	5785	-0.72	<=30	---	---	PASS
	total	5785	2.54	<=30	---	---	PASS
	Ant1	5825	-1.2	<=30	---	---	PASS
	Ant2	5825	-1.43	<=30	---	---	PASS
	total	5825	1.70	<=30	---	---	PASS
11AC40MIMO	Ant1	5190	-0.03	<=11	1.42	<=10	PASS
	Ant2	5190	0.19	<=11	1.64	<=10	PASS
	total	5190	3.09	<=11	4.54	<=10	PASS
	Ant1	5230	-0.14	<=11	1.31	<=10	PASS
	Ant2	5230	0.1	<=11	1.55	<=10	PASS
	total	5230	2.99	<=11	4.44	<=10	PASS
	Ant1	5270	-0.25	<=11	---	---	PASS
	Ant2	5270	-0.06	<=11	---	---	PASS
	total	5270	2.86	<=11	---	---	PASS
	Ant1	5310	0.02	<=11	---	---	PASS
	Ant2	5310	-0.29	<=11	---	---	PASS
	total	5310	2.88	<=11	---	---	PASS
	Ant1	5510	0.28	<=11	---	---	PASS
	Ant2	5510	0.61	<=11	---	---	PASS
	total	5510	3.46	<=11	---	---	PASS
	Ant1	5550	0.98	<=11	---	---	PASS
	Ant2	5550	1.47	<=11	---	---	PASS
	total	5550	4.24	<=11	---	---	PASS
	Ant1	5670	0.93	<=11	---	---	PASS
	Ant2	5670	0.94	<=11	---	---	PASS
	total	5670	3.95	<=11	---	---	PASS
	Ant1	5710_UNII-	-0.25	<=11	---	---	PASS

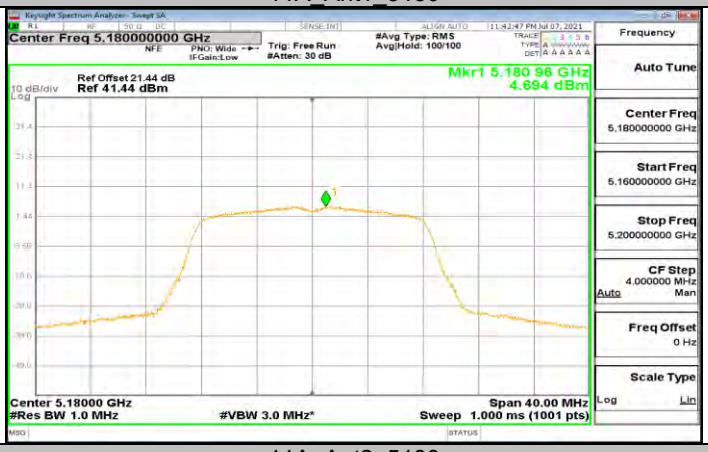
		2C					
	Ant2	5710_UNII-2C	0.82	<=11	---	---	PASS
	total	5710_UNII-2C	3.33	<=11	---	---	PASS
	Ant1	5710_UNII-3	-6.47	<=11	---	---	PASS
	Ant2	5710_UNII-3	-5.69	<=11	---	---	PASS
	total	5710_UNII-3	-3.05	<=11	---	---	PASS
	Ant1	5755	-3.09	<=30	---	---	PASS
	Ant2	5755	-2.67	<=30	---	---	PASS
	total	5755	0.14	<=30	---	---	PASS
	Ant1	5795	-3.46	<=30	---	---	PASS
	Ant2	5795	-3.41	<=30	---	---	PASS
	total	5795	-0.42	<=30	---	---	PASS
11AC80MIMO	Ant1	5210	-2.71	<=11	-1.26	<=10	PASS
	Ant2	5210	-2.91	<=11	-1.46	<=10	PASS
	total	5210	0.20	<=11	1.65	<=10	PASS
	Ant1	5290	-3.23	<=11	---	---	PASS
	Ant2	5290	-3	<=11	---	---	PASS
	total	5290	-0.10	<=11	---	---	PASS
	Ant1	5530	-3.26	<=11	---	---	PASS
	Ant2	5530	-2.5	<=11	---	---	PASS
	total	5530	0.15	<=11	---	---	PASS
	Ant1	5610	-2.6	<=11	---	---	PASS
	Ant2	5610	-2.38	<=11	---	---	PASS
	total	5610	0.52	<=11	---	---	PASS
	Ant1	5690_UNII-2C	-4.16	<=11	---	---	PASS
	Ant2	5690_UNII-2C	-3.67	<=11	---	---	PASS
	total	5690_UNII-2C	-0.90	<=11	---	---	PASS
	Ant1	5690_UNII-3	-10.77	<=11	---	---	PASS
	Ant2	5690_UNII-3	-10.37	<=11	---	---	PASS
	total	5690_UNII-3	-7.56	<=11	---	---	PASS
	Ant1	5775	-5.82	<=30	---	---	PASS
	Ant2	5775	-6.14	<=30	---	---	PASS
	total	5775	-2.97	<=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.

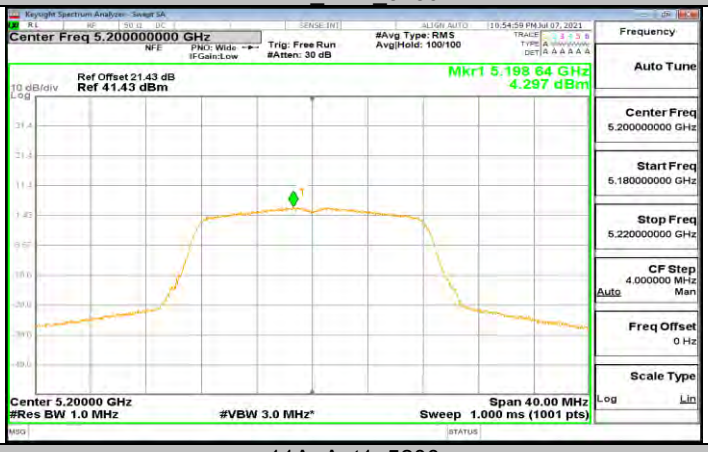
12.5.2. Test Graphs



11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200

11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240

11A_Ant1_5260

11A_Ant2_5260

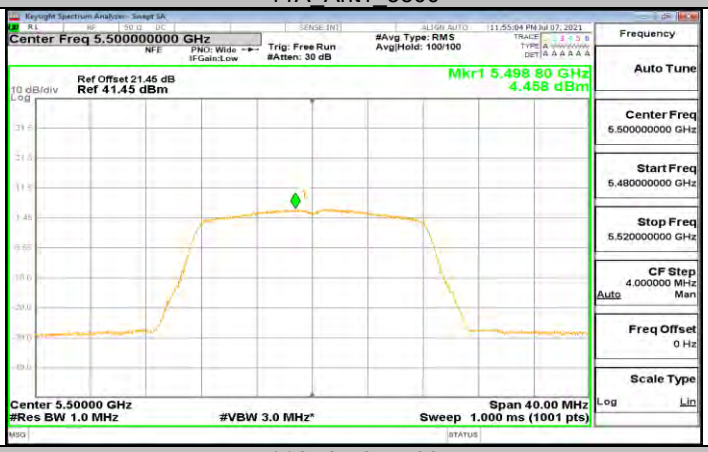
11A_Ant1_5280

11A_Ant2_5280

11A_Ant1_5320

11A_Ant2_5320

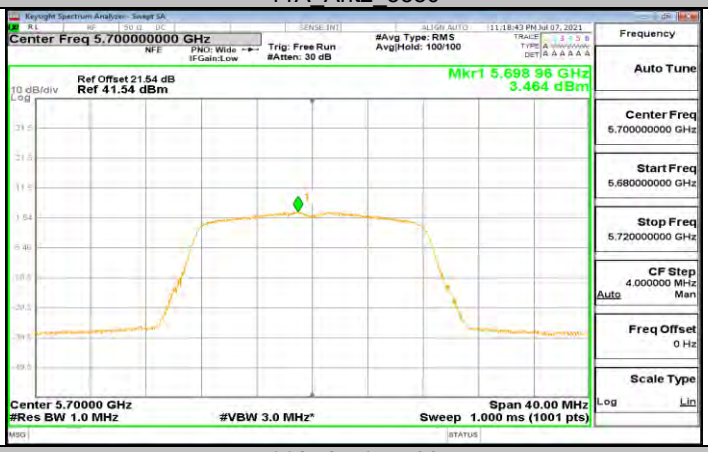
11A_Ant1_5500



11A_Ant2_5500

11A_Ant1_5580

11A_Ant2_5580



11A_Ant1_5700

11A_Ant2_5700

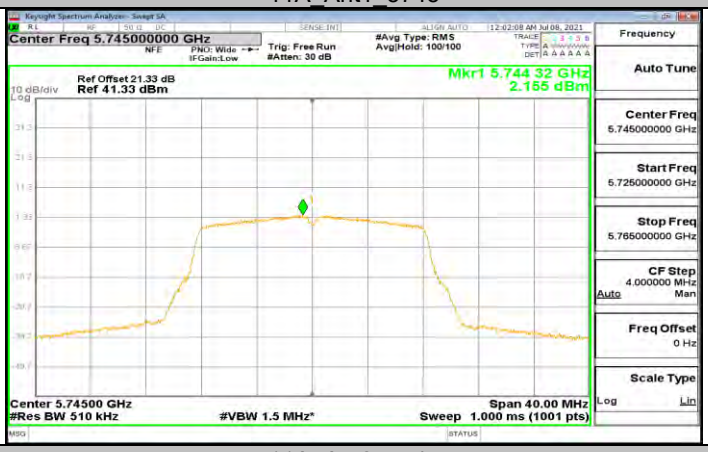
11A_Ant1_5720_UNII-2C

11A_Ant2_5720_UNII-2C

11A_Ant1_5720_UNII-3

11A_Ant2_5720_UNII-3

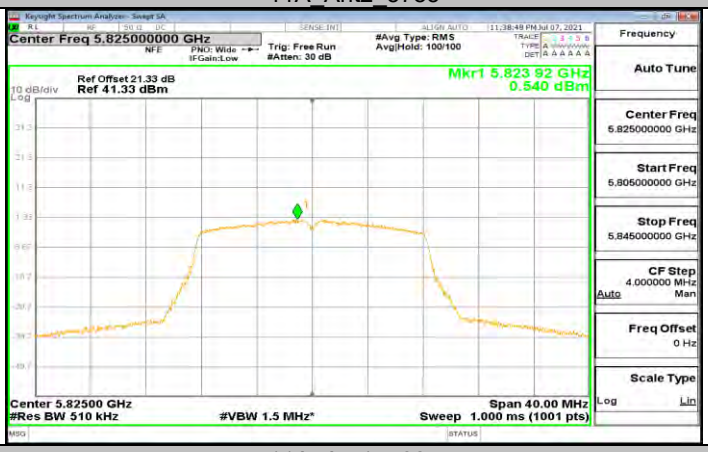
11A_Ant1_5745



11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785



11A_Ant1_5825

11A_Ant2_5825

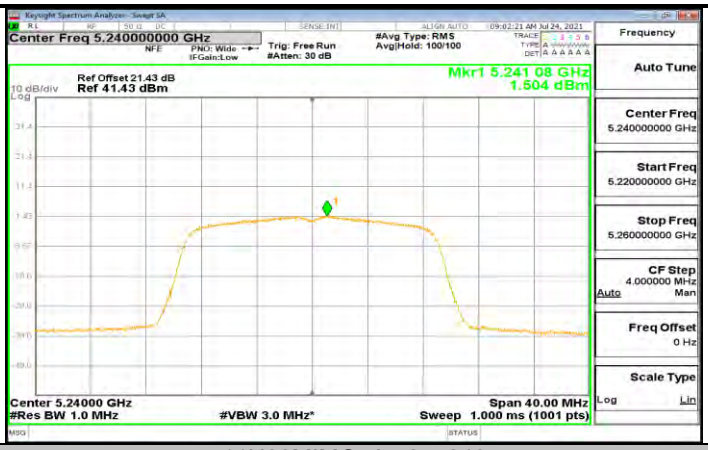
11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180

11N20MIMO_Ant1_5200

11N20MIMO_Ant2_5200

11N20MIMO_Ant1_5240



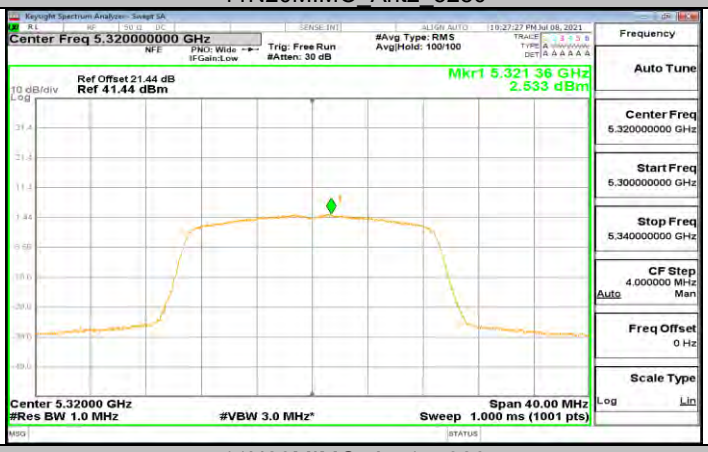
11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260

11N20MIMO_Ant1_5280

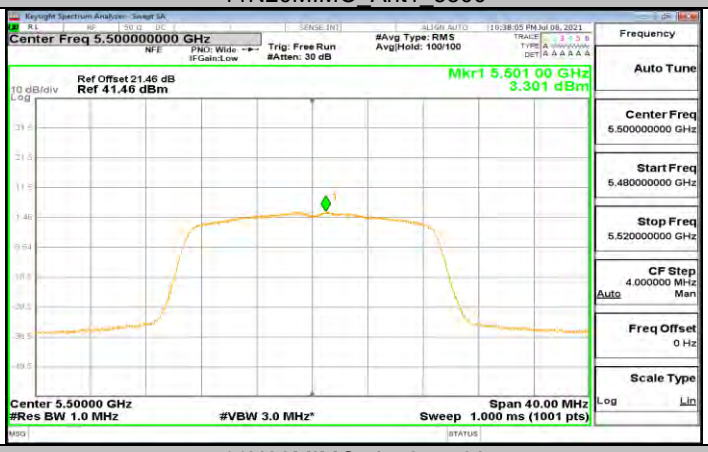
11N20MIMO_Ant2_5280



11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320

11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500

11N20MIMO_Ant1_5580

11N20MIMO_Ant2_5580

11N20MIMO_Ant1_5700

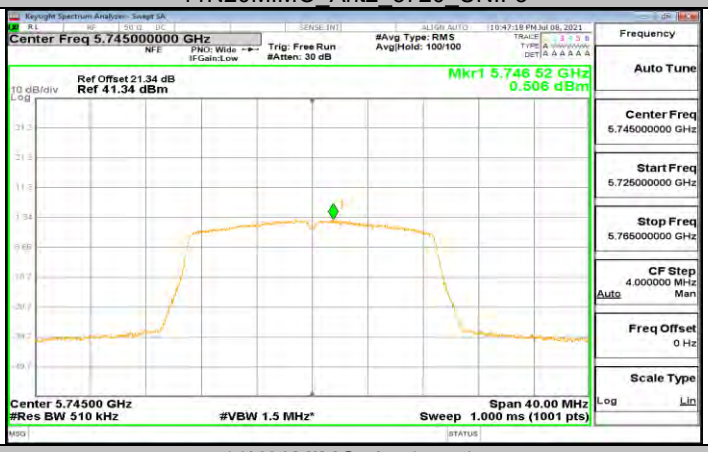
11N20MIMO_Ant2_5700

11N20MIMO_Ant1_5720_UNII-2C

11N20MIMO_Ant2_5720_UNII-2C

11N20MIMO_Ant1_5720_UNII-3

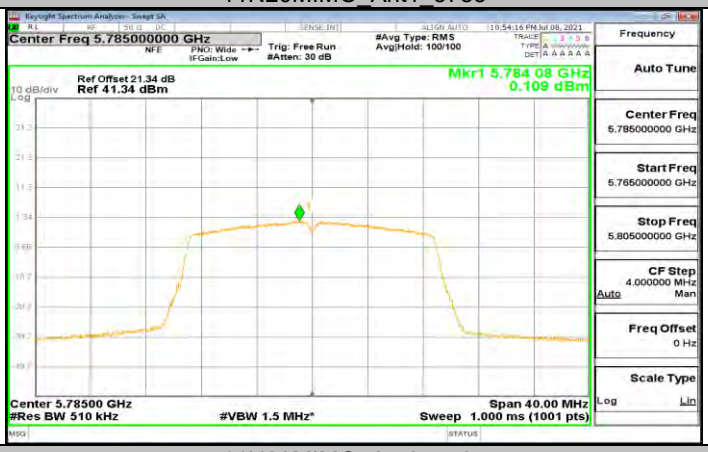
11N20MIMO_Ant2_5720_UNII-3



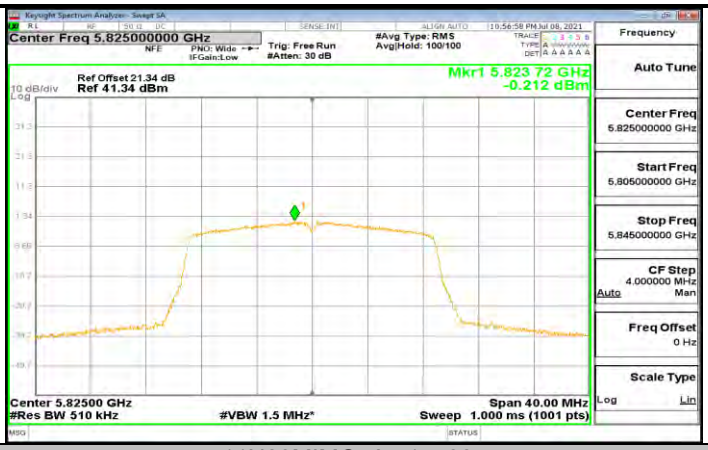
11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745

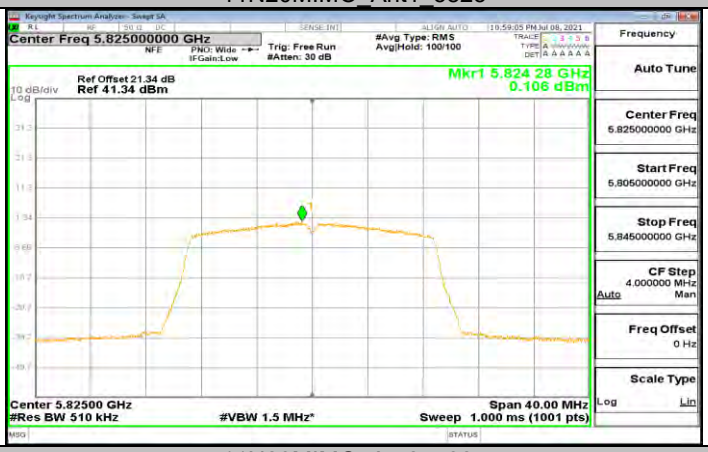
11N20MIMO_Ant1_5785



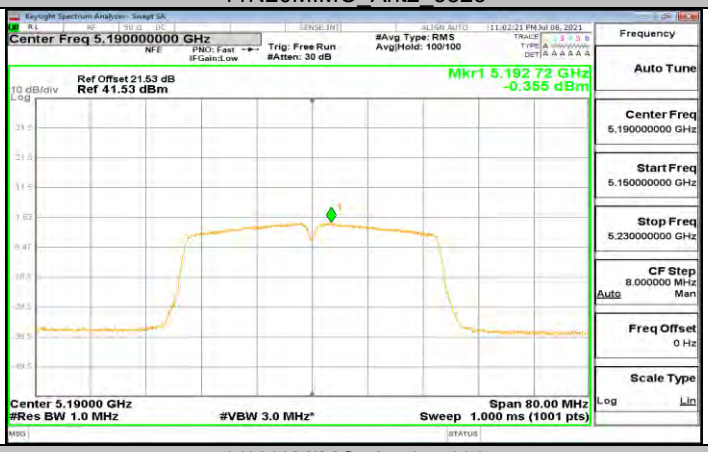
11N20MIMO_Ant2_5785



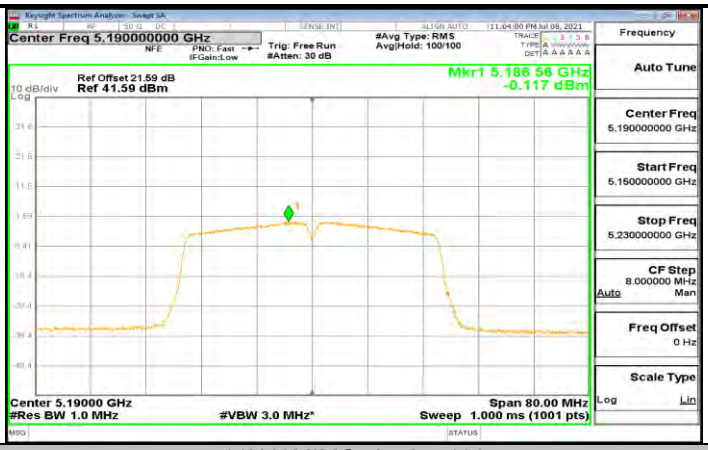
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825

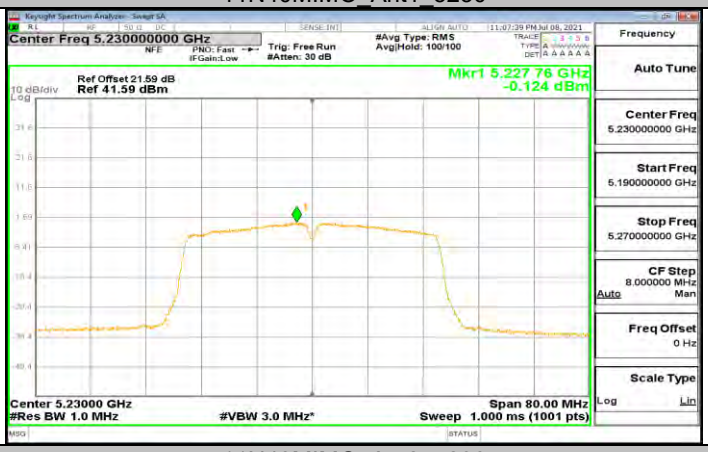


11N40MIMO_Ant1_5190

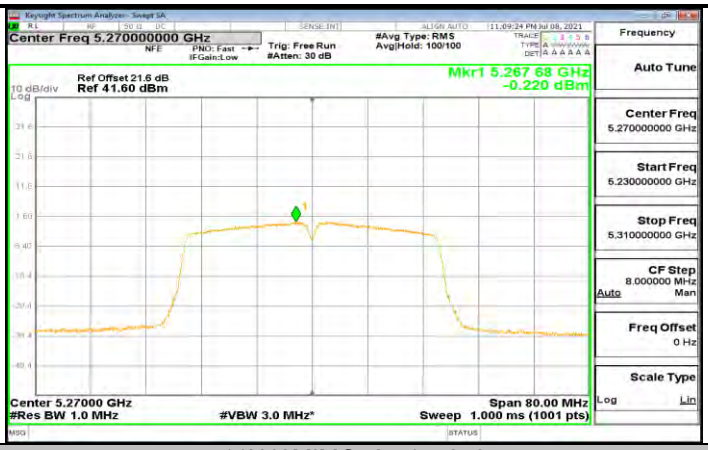


11N40MIMO_Ant2_5190

11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



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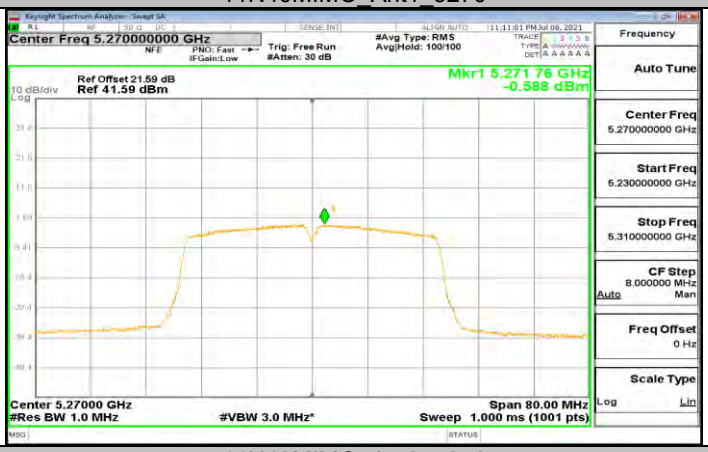
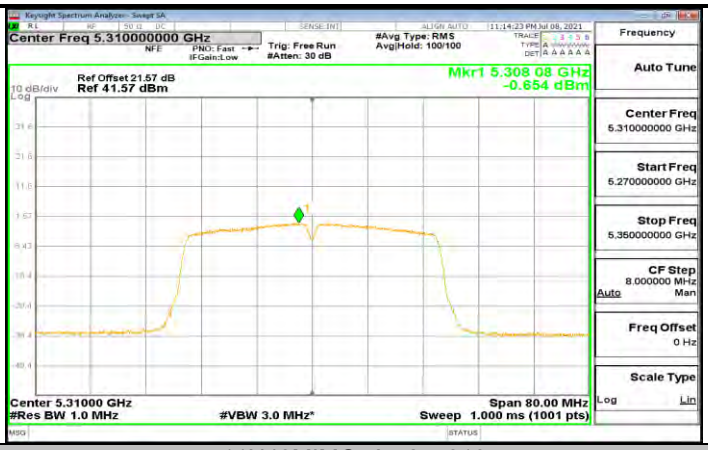


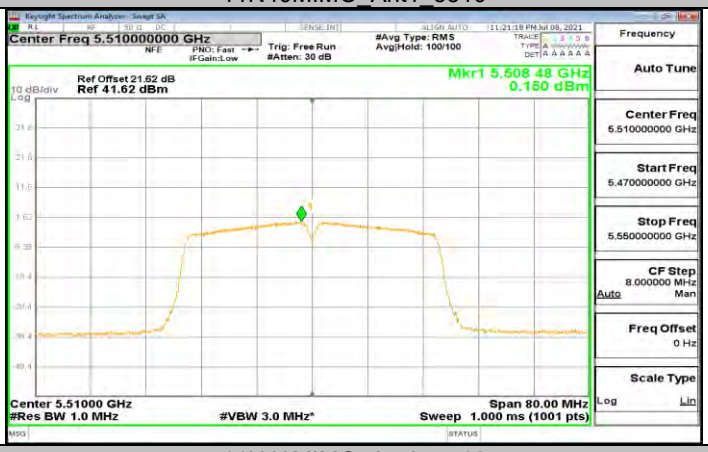
11N40MIMO_Ant2_5270

11N40MIMO_Ant1_5310

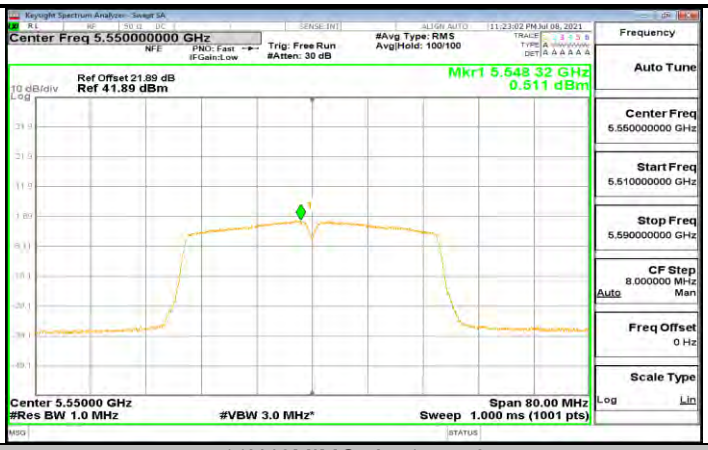


11N40MIMO_Ant2_5310

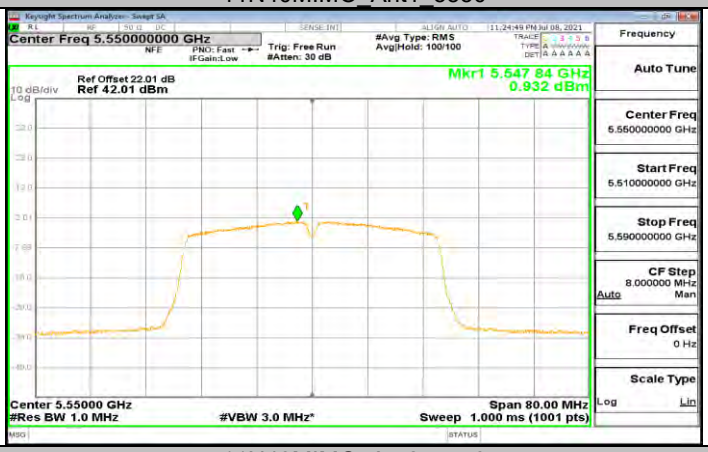
11N40MIMO_Ant1_5510



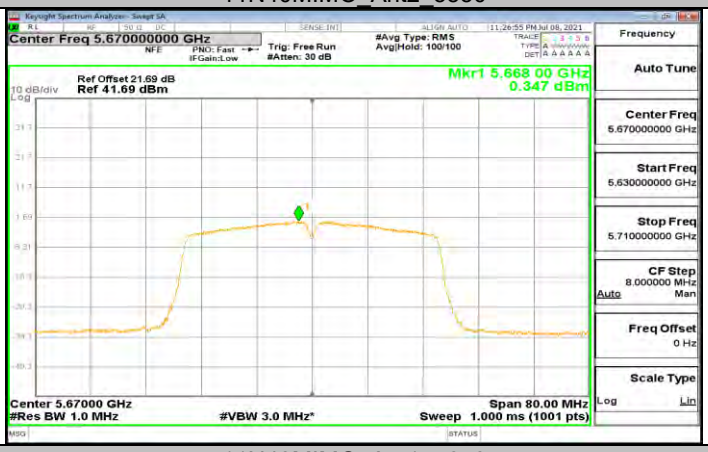
11N40MIMO_Ant2_5510



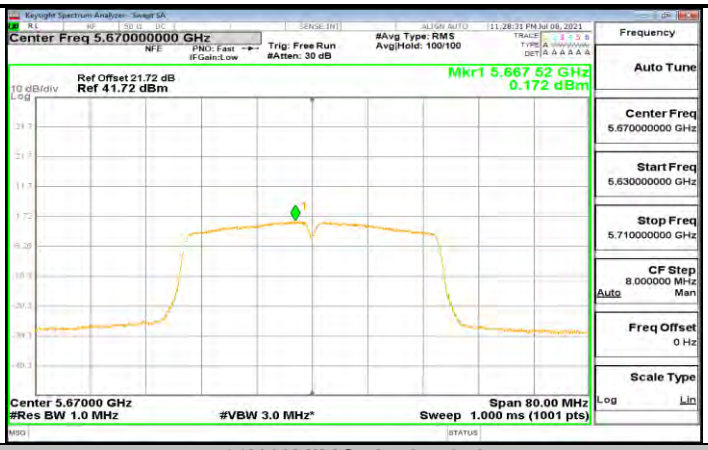
11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550



11N40MIMO_Ant1_5670



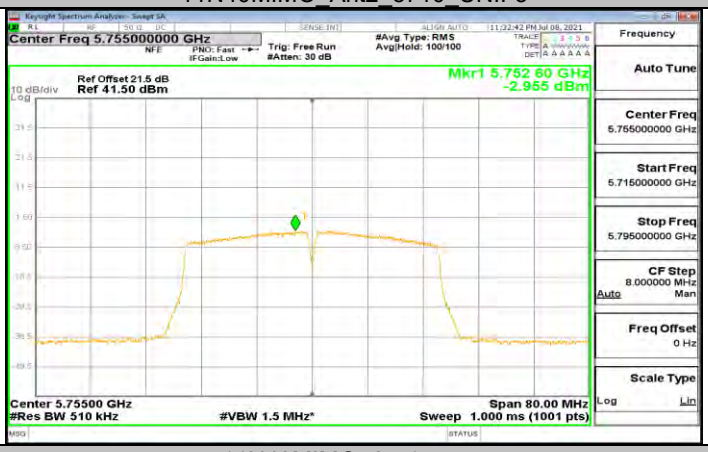
11N40MIMO_Ant2_5670

11N40MIMO_Ant1_5710_UNII-2C

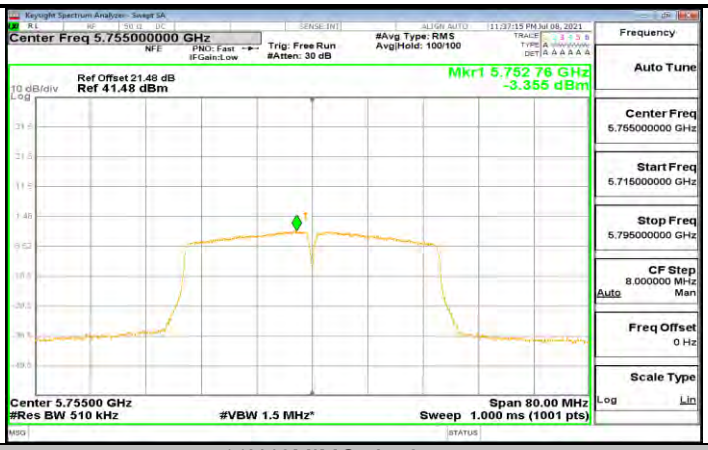
11N40MIMO_Ant2_5710_UNII-2C

11N40MIMO_Ant1_5710_UNII-3

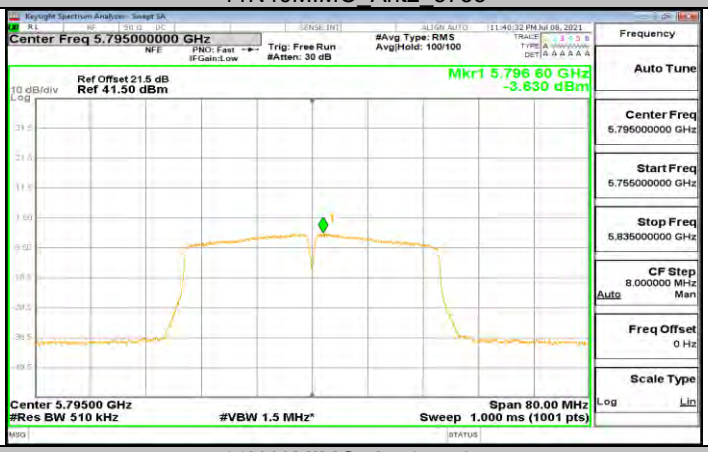
11N40MIMO_Ant2_5710_UNII-3



11N40MIMO_Ant1_5755

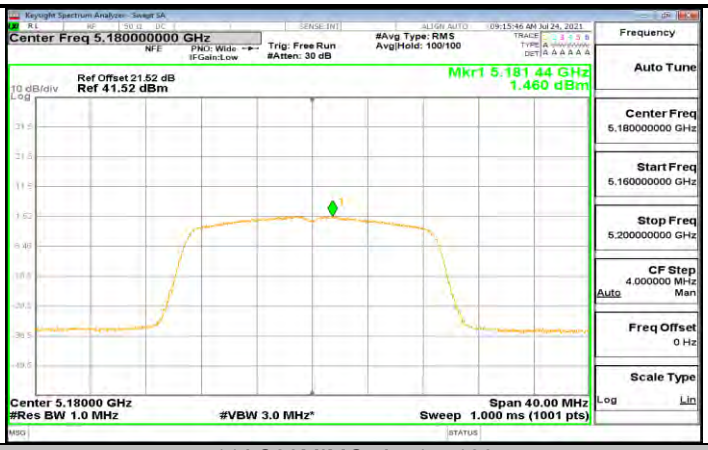


11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795

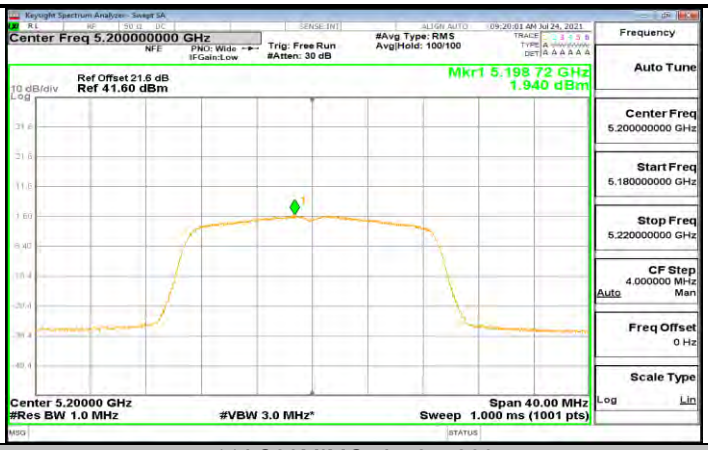
11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180

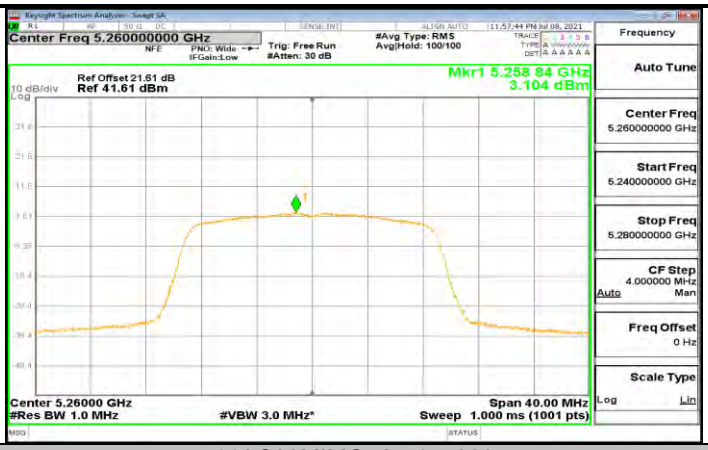
11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200

11AC20MIMO_Ant1_5240

11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260

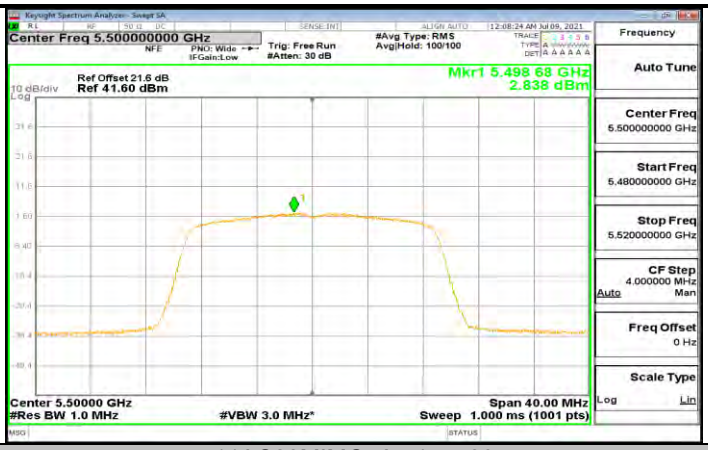
11AC20MIMO_Ant2_5260

11AC20MIMO_Ant1_5280

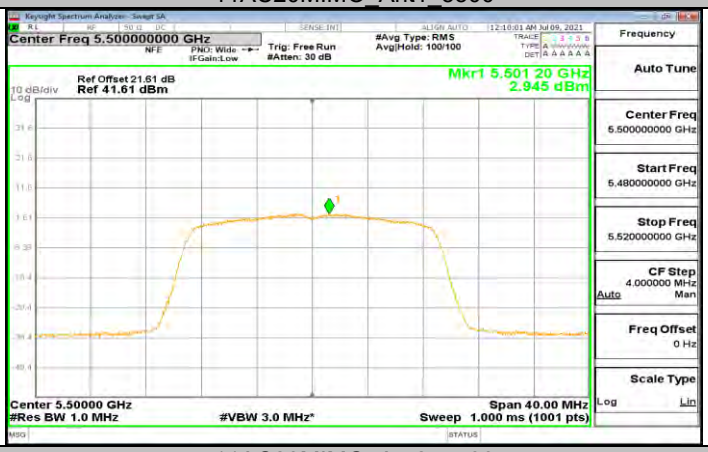
11AC20MIMO_Ant2_5280

11AC20MIMO_Ant1_5320

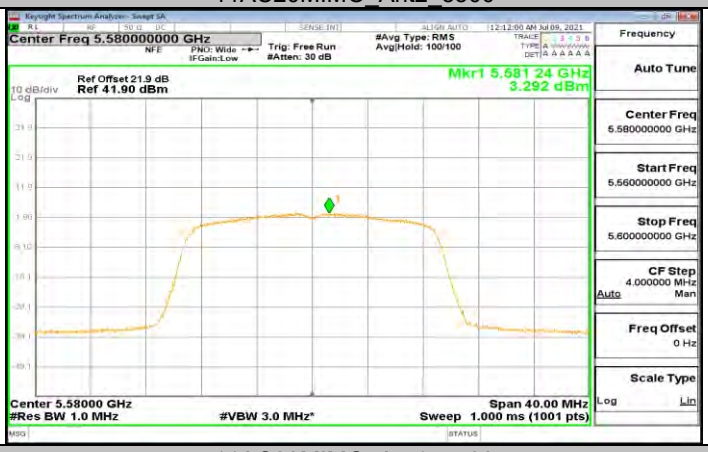
11AC20MIMO_Ant2_5320



11AC20MIMO_Ant1_5500



11AC20MIMO_Ant2_5500

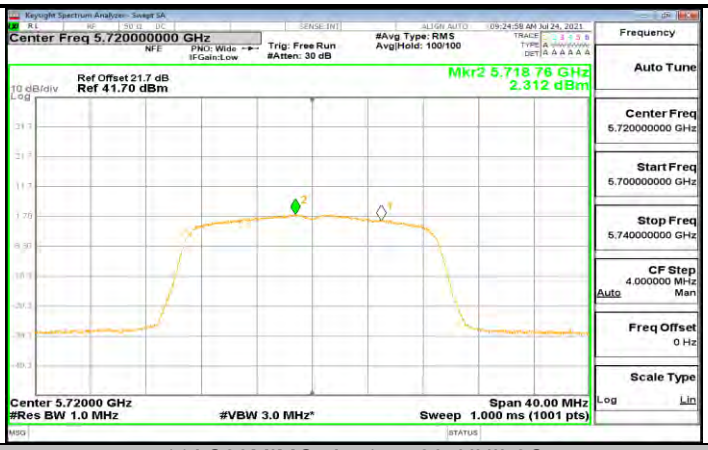


11AC20MIMO_Ant1_5580

11AC20MIMO_Ant2_5580

11AC20MIMO_Ant1_5700

11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5720_UNII-2C

11AC20MIMO_Ant2_5720_UNII-2C

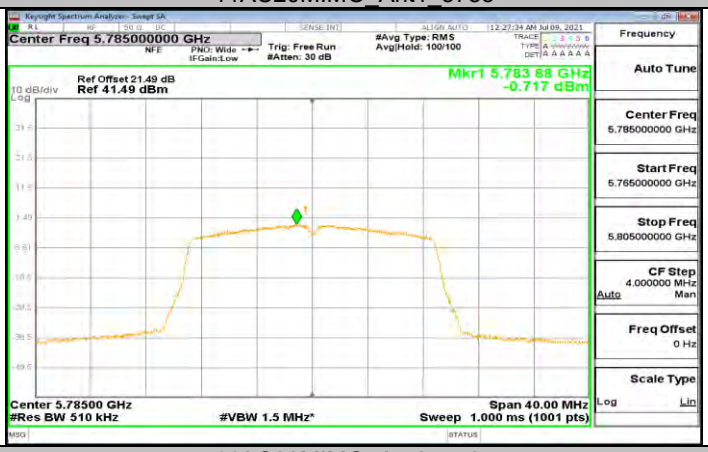
11AC20MIMO_Ant1_5720_UNII-3

11AC20MIMO_Ant2_5720_UNII-3

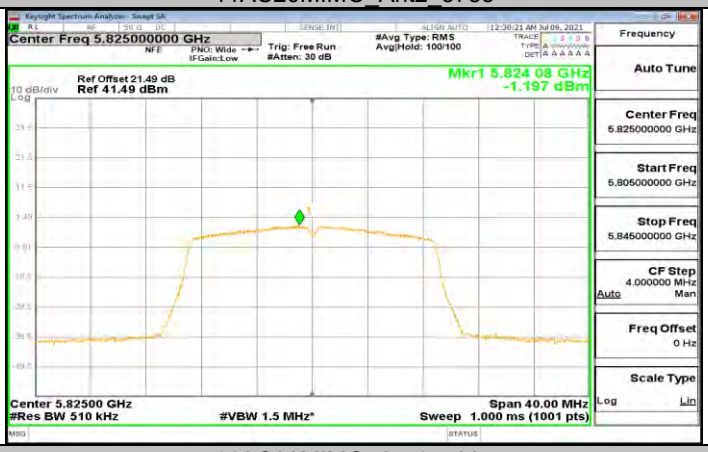
11AC20MIMO_Ant1_5745

11AC20MIMO_Ant2_5745

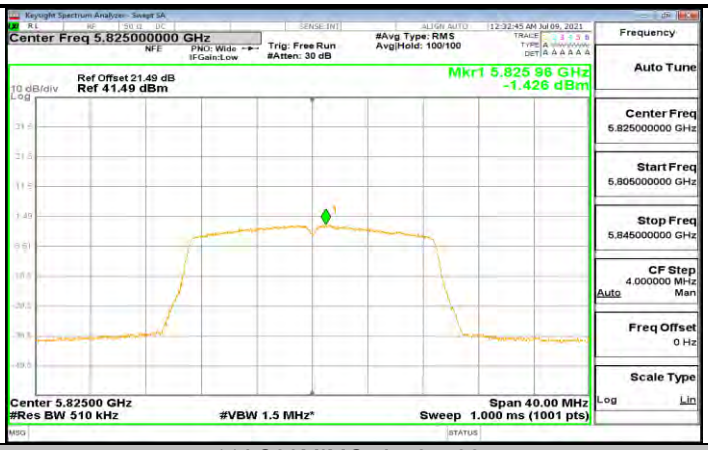
11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785

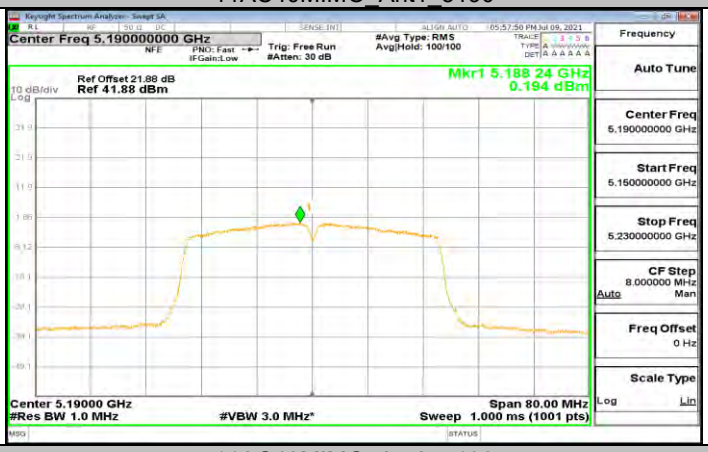


11AC20MIMO_Ant1_5825

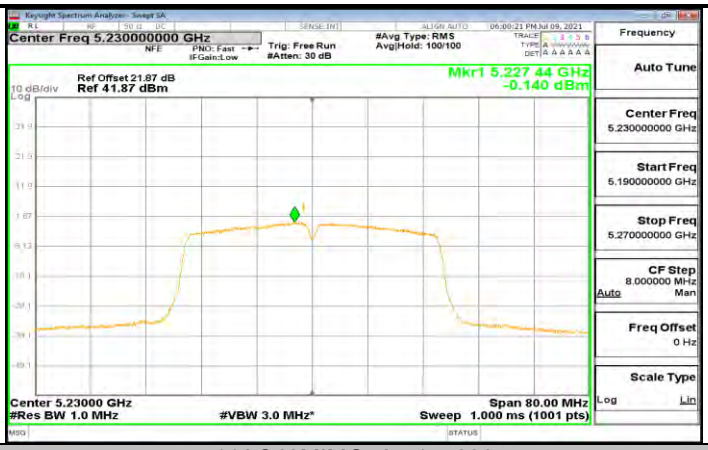


11AC20MIMO_Ant2_5825

11AC40MIMO_Ant1_5190



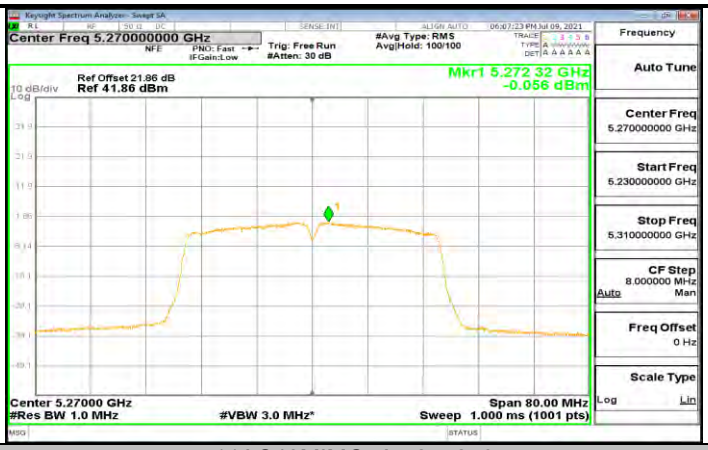
11AC40MIMO_Ant2_5190



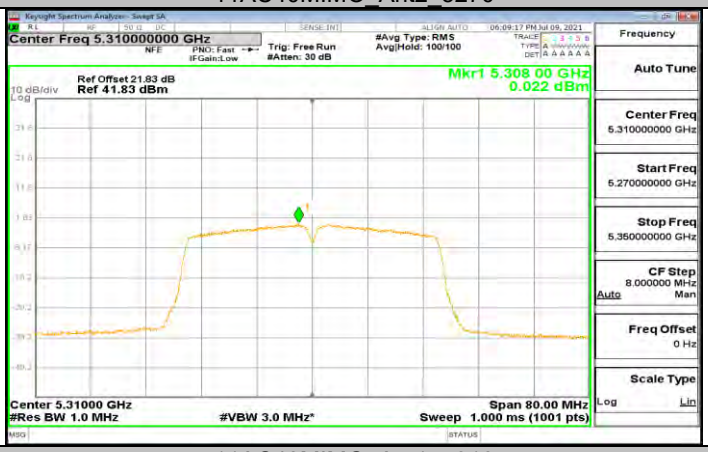
11AC40MIMO_Ant1_5230

11AC40MIMO_Ant2_5230

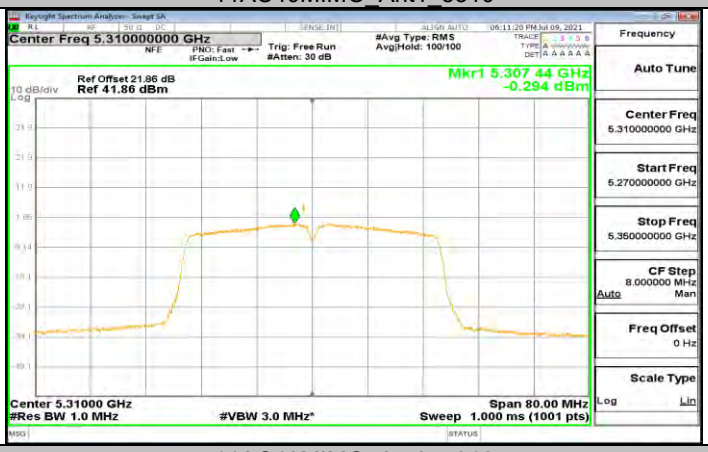
11AC40MIMO_Ant1_5270



11AC40MIMO_Ant2_5270

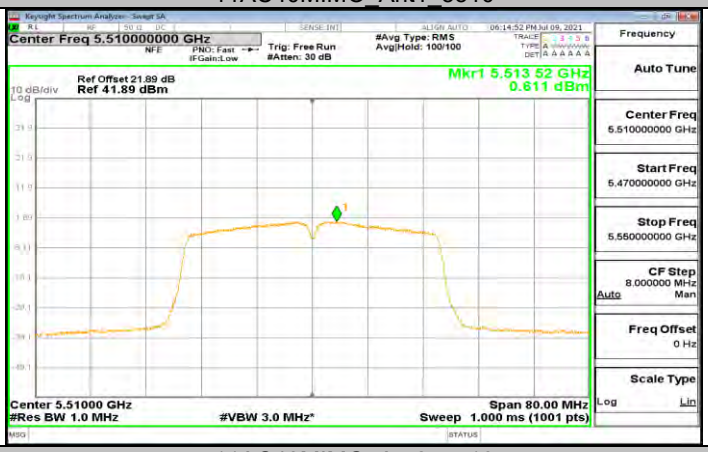


11AC40MIMO_Ant1_5310

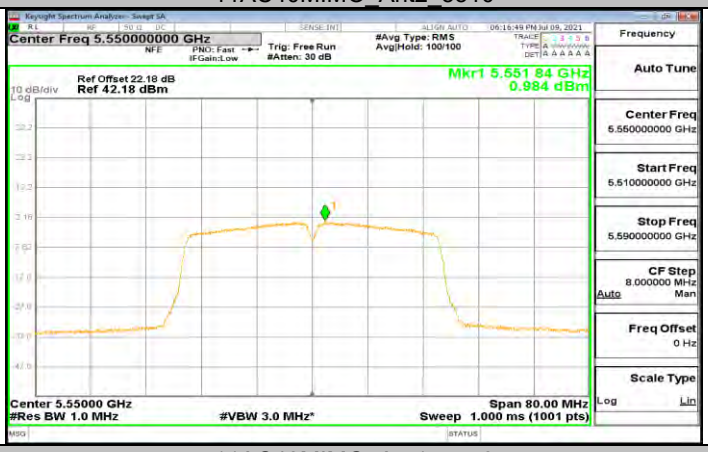


11AC40MIMO_Ant2_5310

11AC40MIMO_Ant1_5510



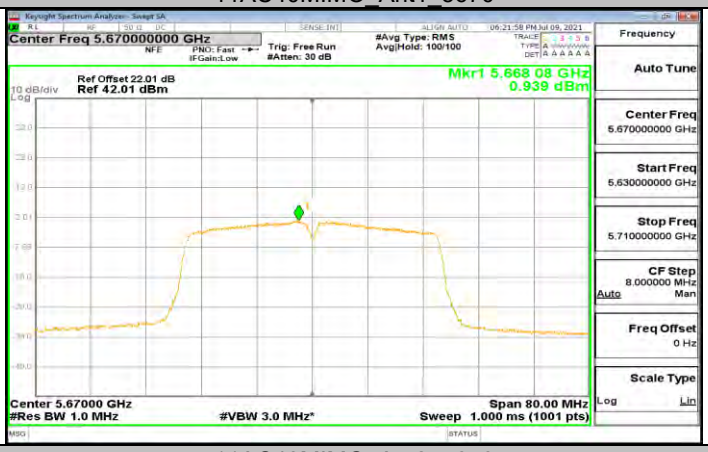
11AC40MIMO_Ant2_5510



11AC40MIMO_Ant1_5550

11AC40MIMO_Ant2_5550

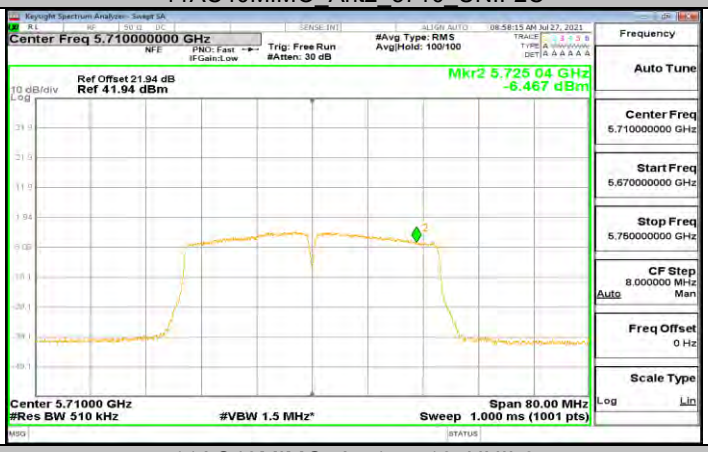
11AC40MIMO_Ant1_5670



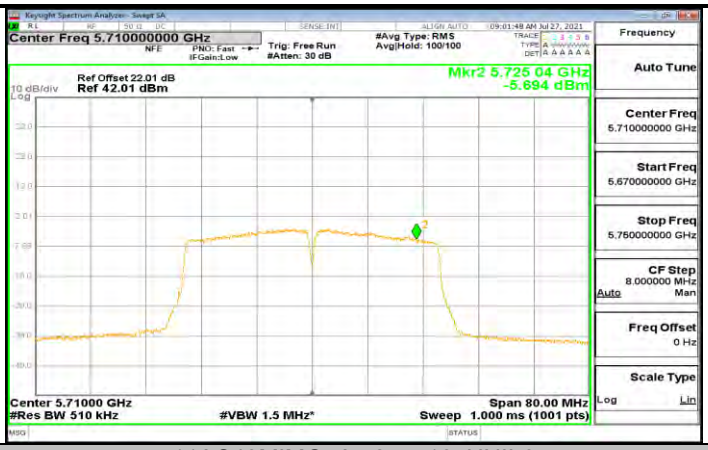
11AC40MIMO_Ant2_5670

11AC40MIMO_Ant1_5710_UNII-2C

11AC40MIMO_Ant2_5710_UNII-2C

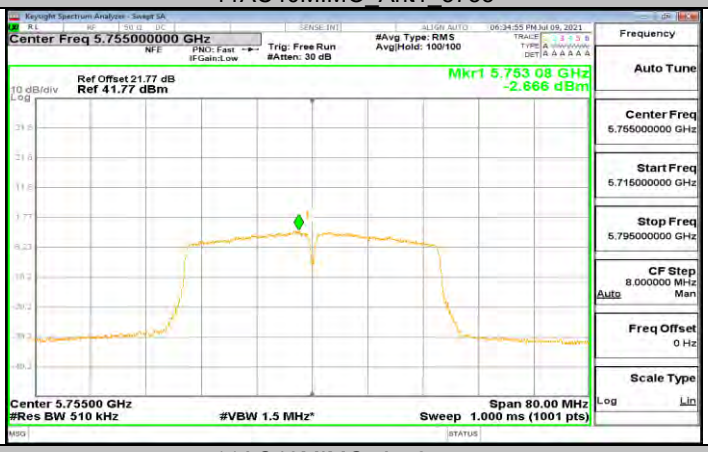


11AC40MIMO_Ant1_5710_UNII-3

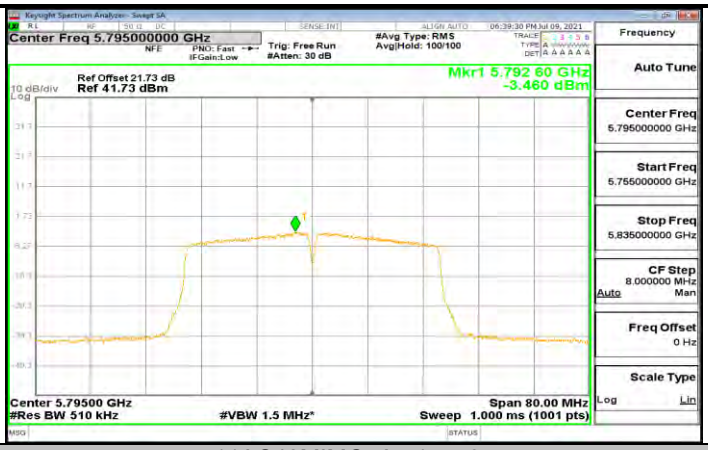


11AC40MIMO_Ant2_5710_UNII-3

11AC40MIMO_Ant1_5755

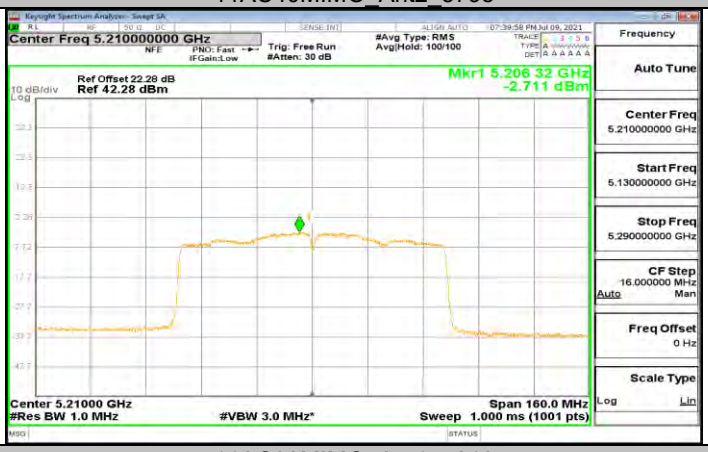


11AC40MIMO_Ant2_5755



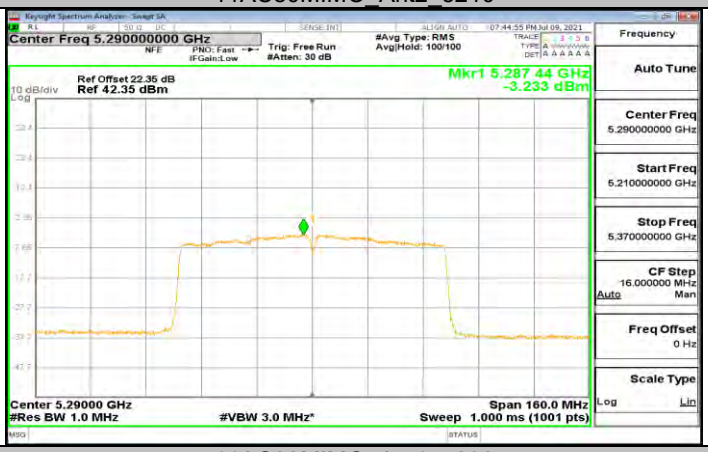
11AC40MIMO_Ant1_5795

11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210

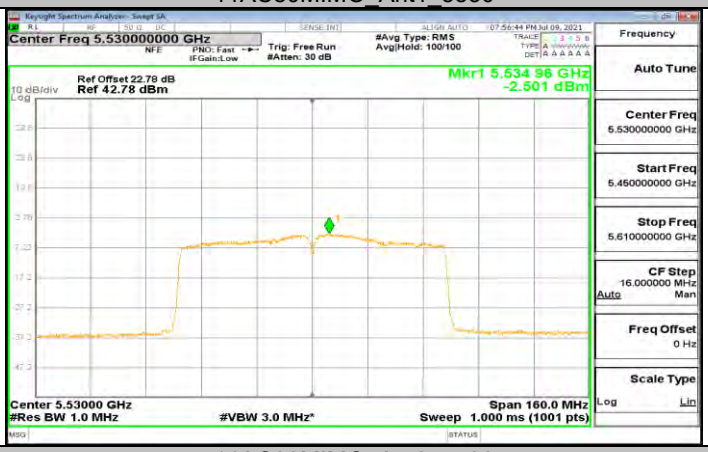
11AC80MIMO_Ant2_5210



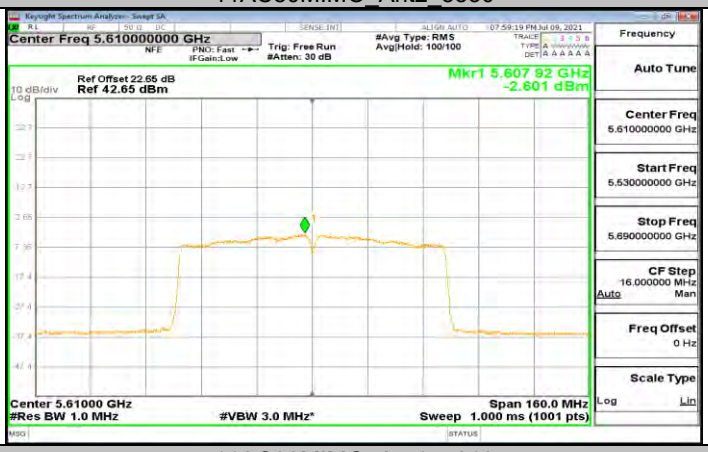
11AC80MIMO_Ant1_5290

11AC80MIMO_Ant2_5290

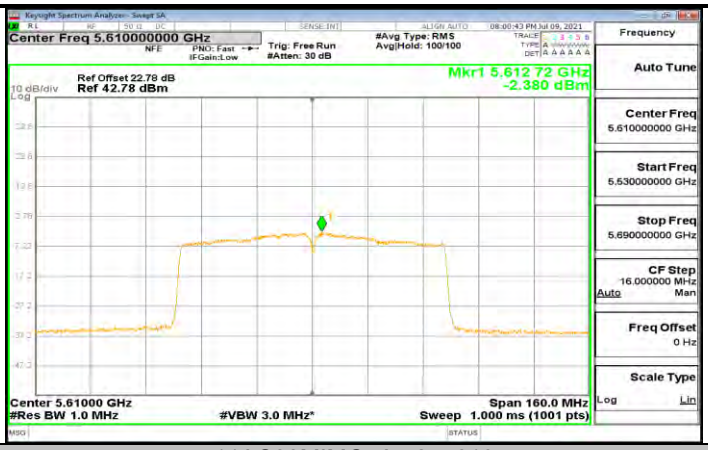
11AC80MIMO_Ant1_5530



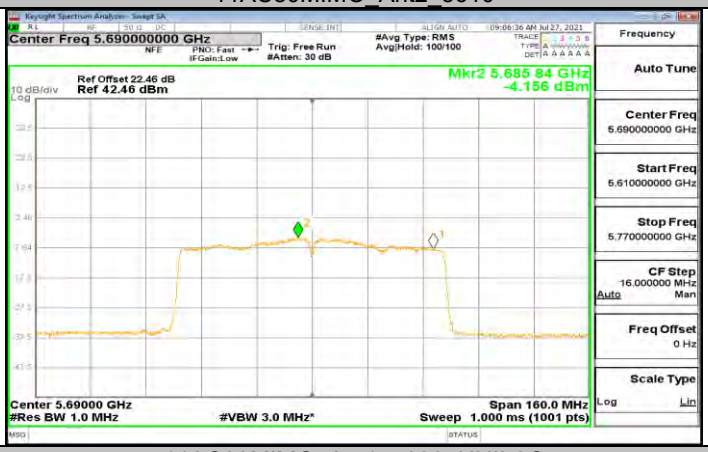
11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



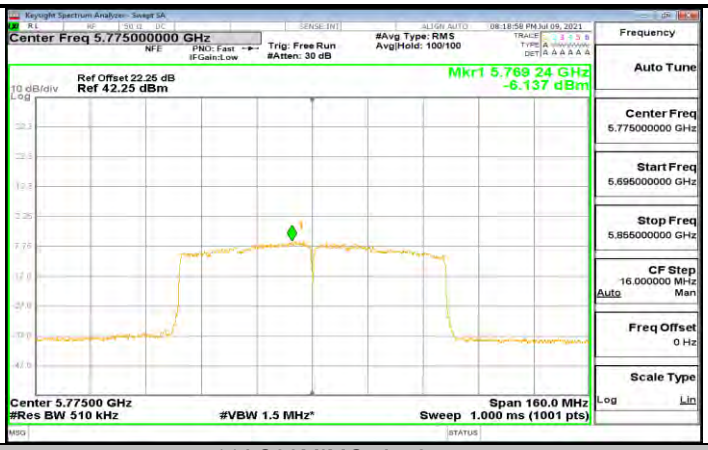
11AC80MIMO_Ant1_5690_UNII-2C

11AC80MIMO_Ant2_5690_UNII-2C

11AC80MIMO_Ant1_5690_UNII-3

11AC80MIMO_Ant2_5690_UNII-3

11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

12.6. Appendix D: Duty Cycle

12.6.1. 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	1.44	0.9722	97.22	0.12	0.71	1
11N20MIMO	1.30	1.34	0.9701	97.01	0.13	0.77	1
11N40MIMO	0.65	0.69	0.9420	94.20	0.26	1.54	2
11AC20MIMO	0.68	0.72	0.9444	94.44	0.25	1.47	2
11AC40MIMO	0.35	0.40	0.8750	87.50	0.58	2.86	3
11AC80MIMO	0.19	0.24	0.7917	79.17	1.01	5.26	6

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.

12.6.2. Test Graphs

11A_Ant1_5180

11N20MIMO_Ant1_5180

11N40MIMO_Ant1_5190

11AC20MIMO_Ant1_5180

11AC40MIMO_Ant1_5190

11AC80MIMO_Ant1_5210