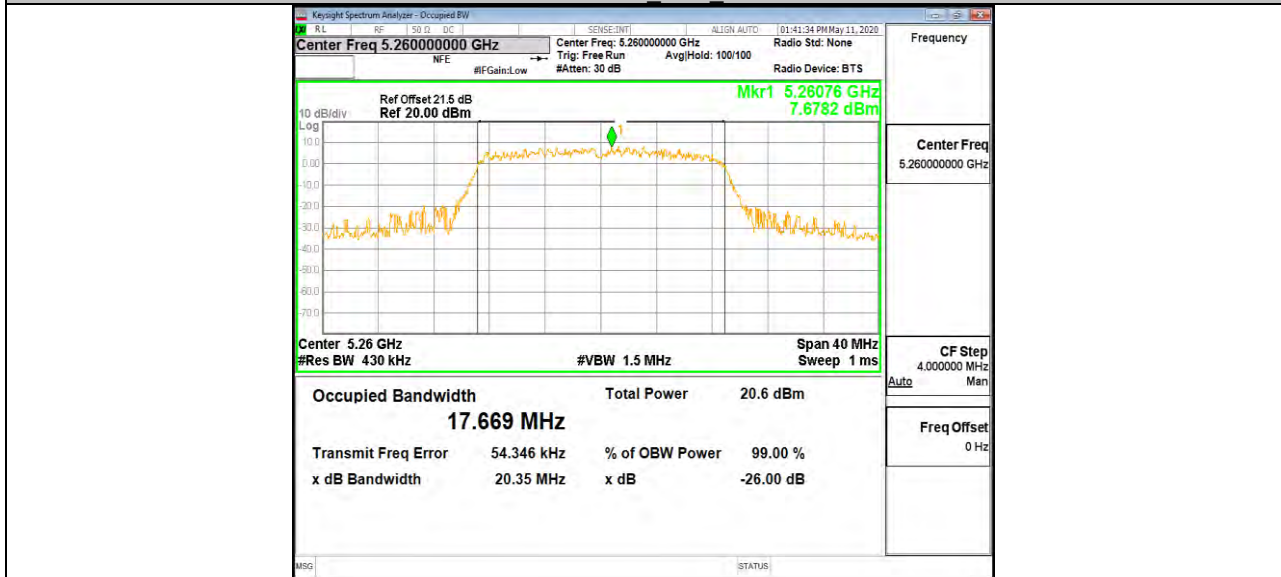
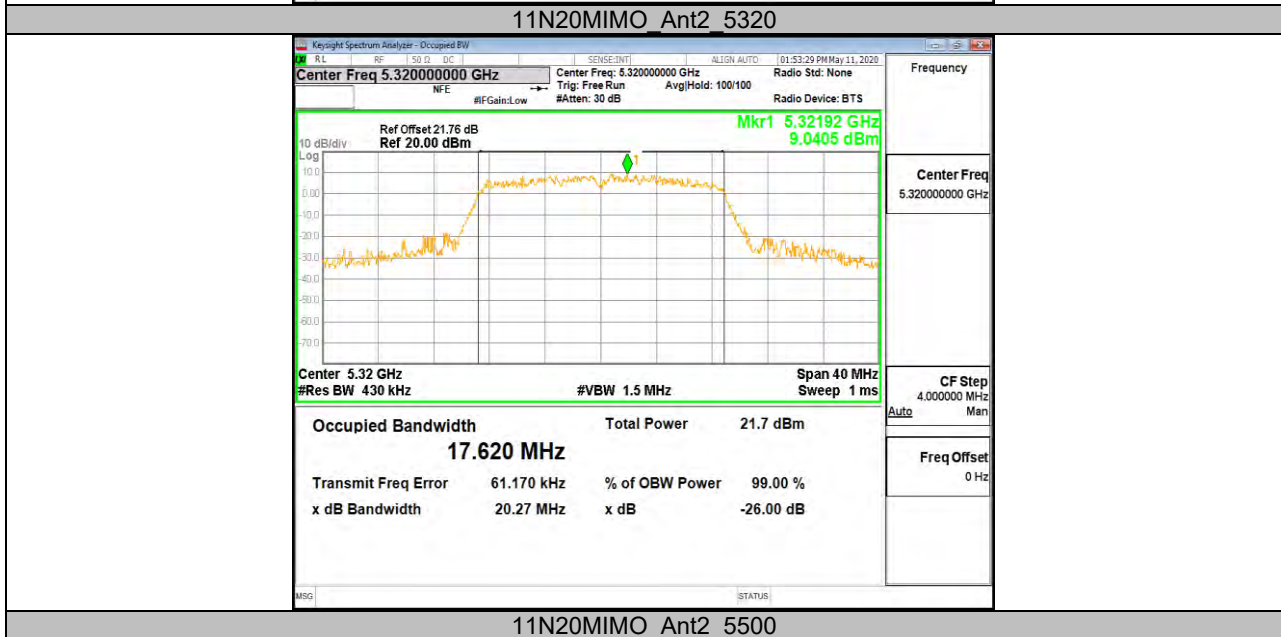
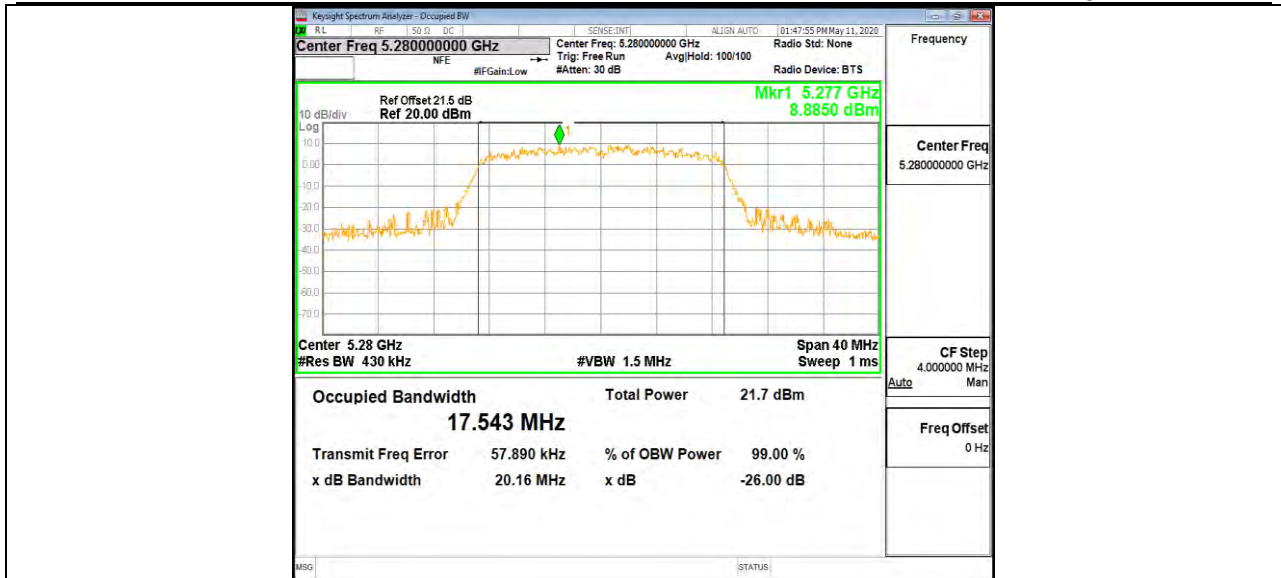
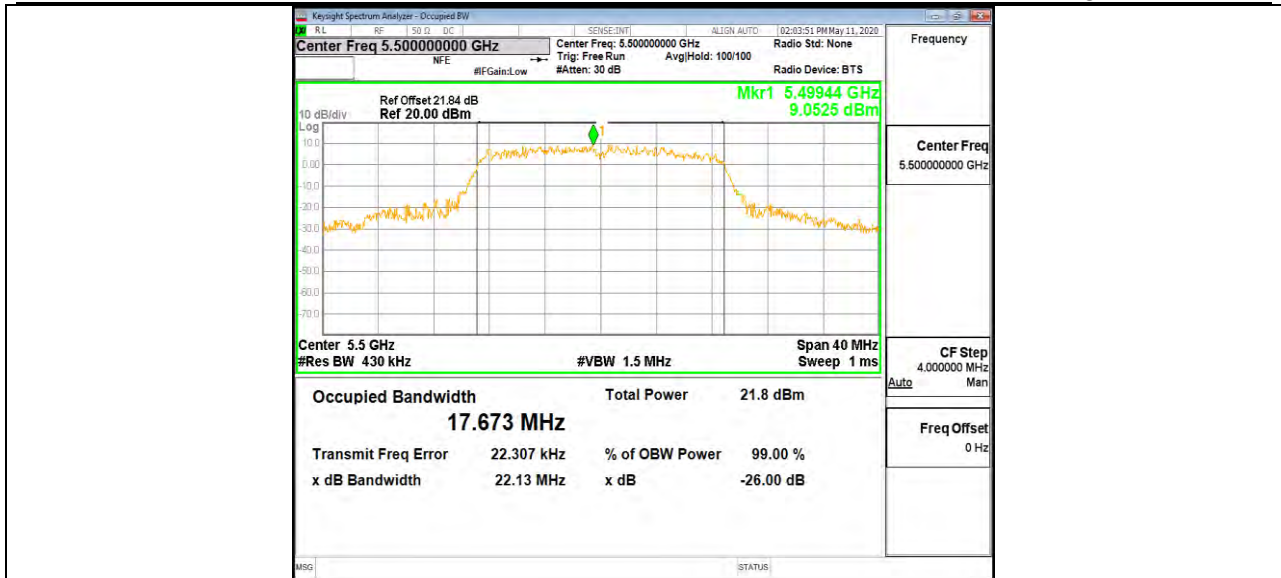


11N20MIMO Ant2 5260

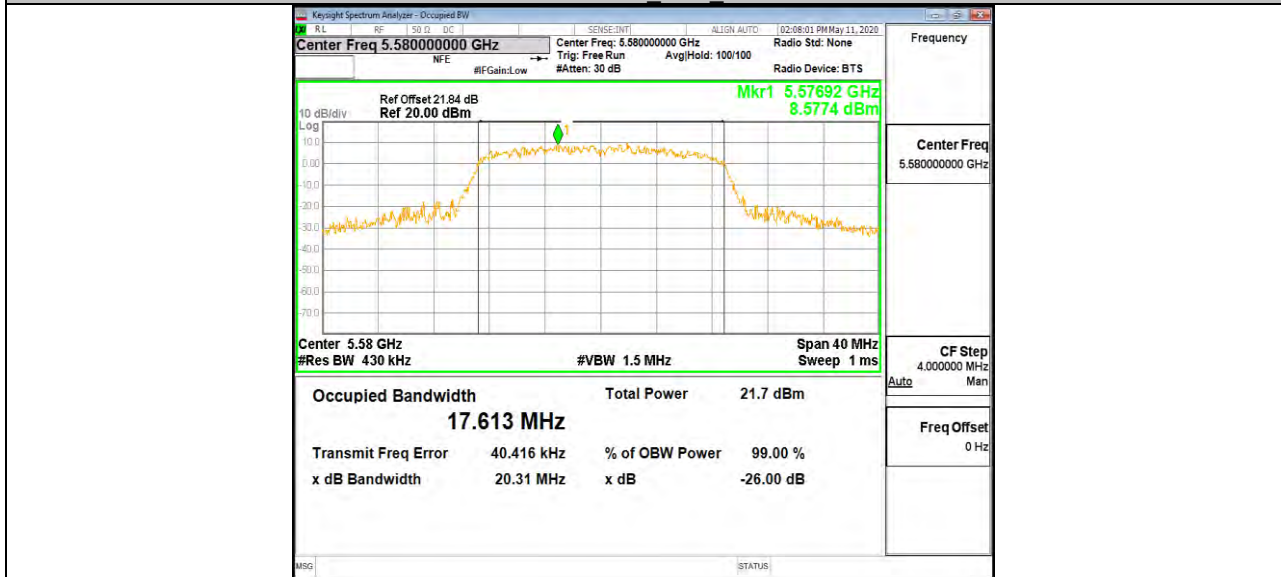


11N20MIMO Ant2 5280

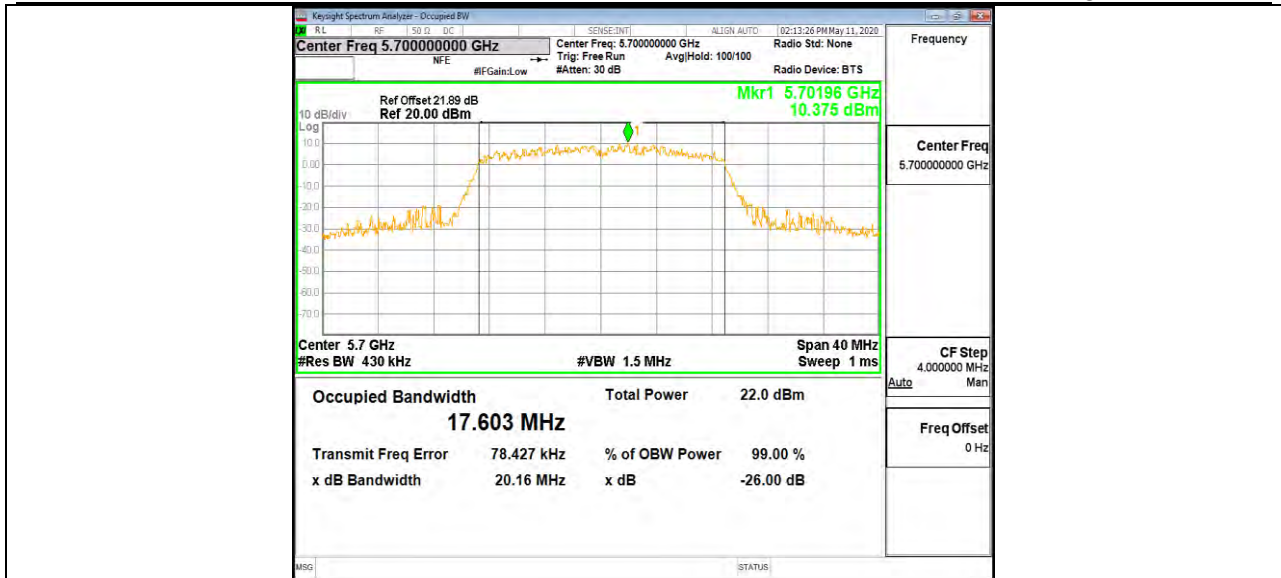




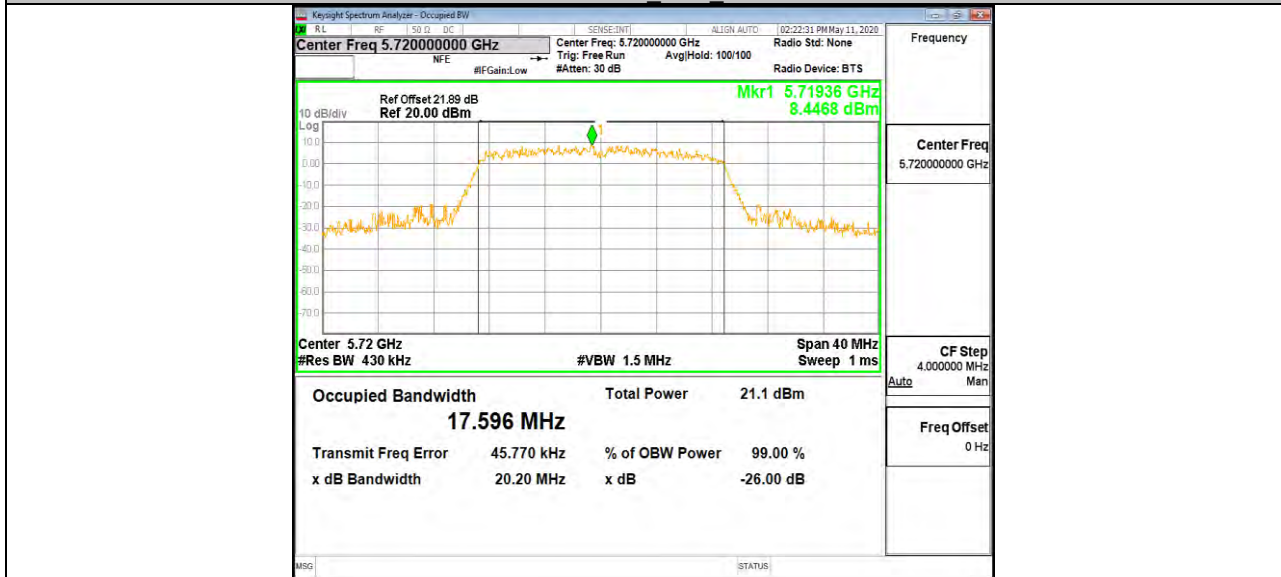
11N20MIMO Ant2 5580



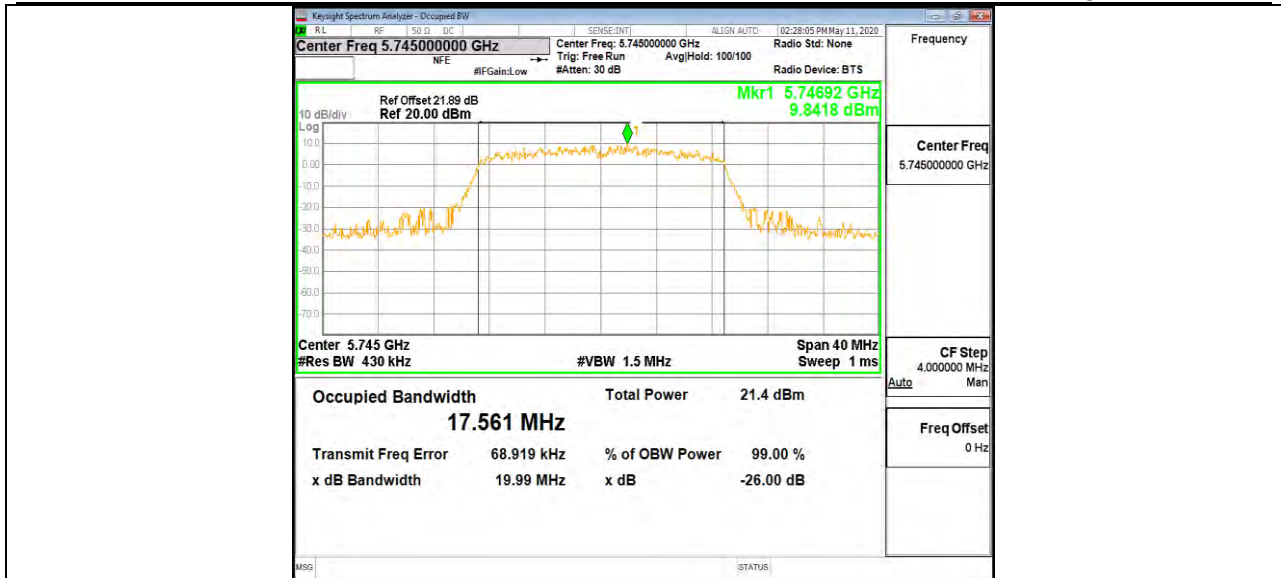
11N20MIMO Ant2 5700



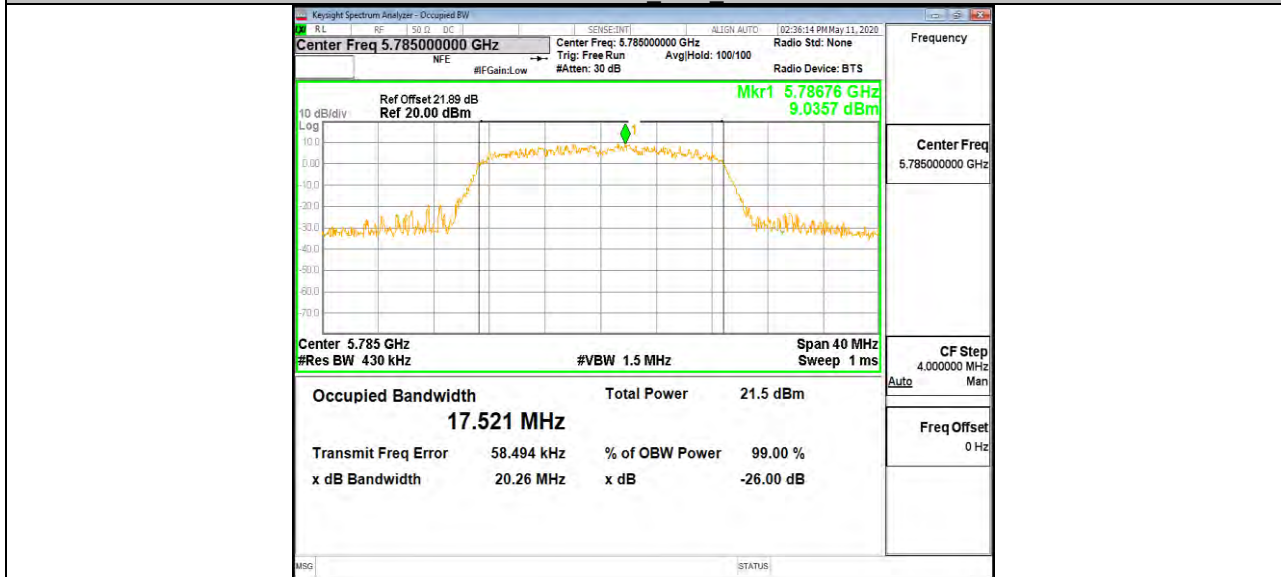
11N20MIMO Ant2 5720



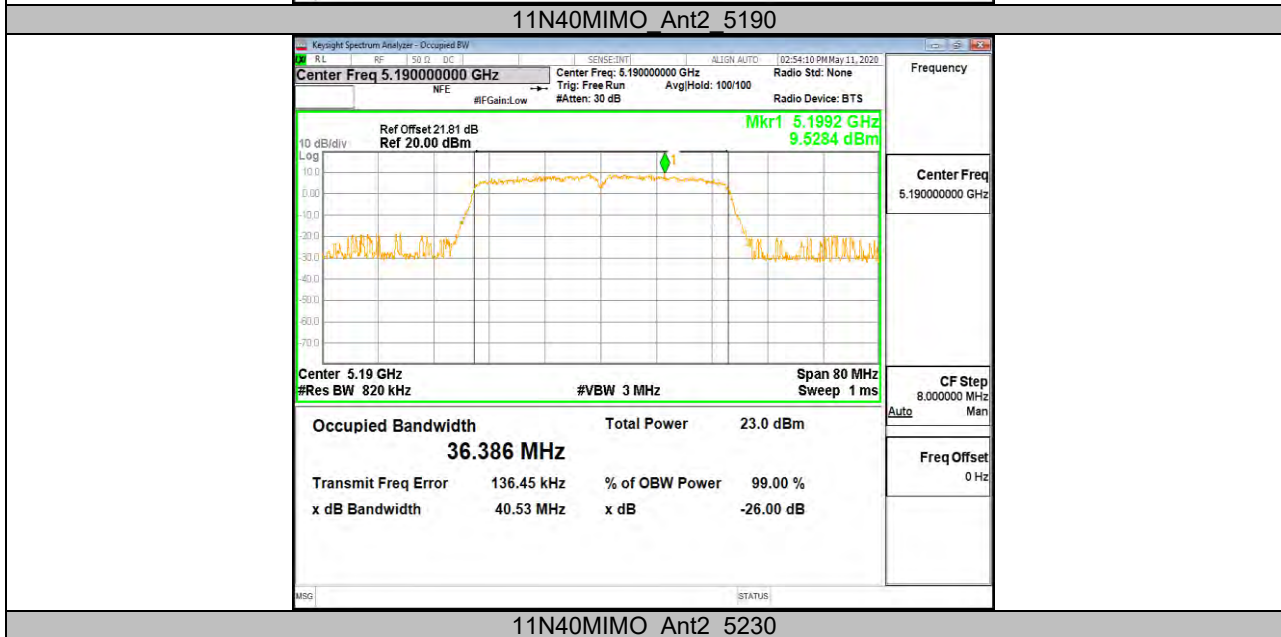
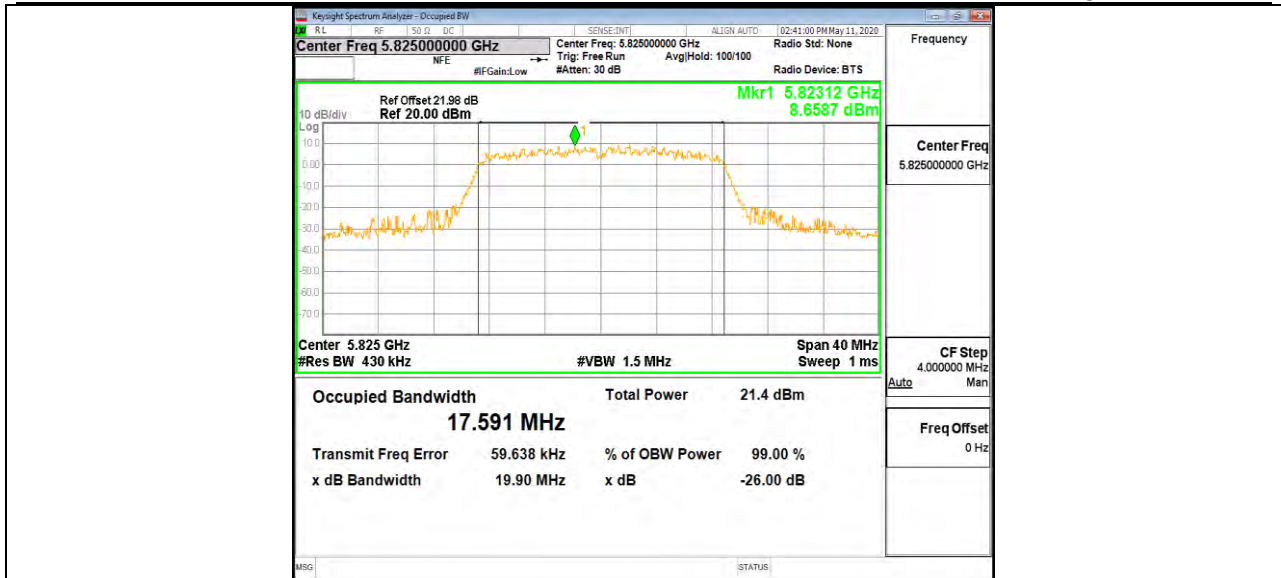
11N20MIMO Ant2 5745

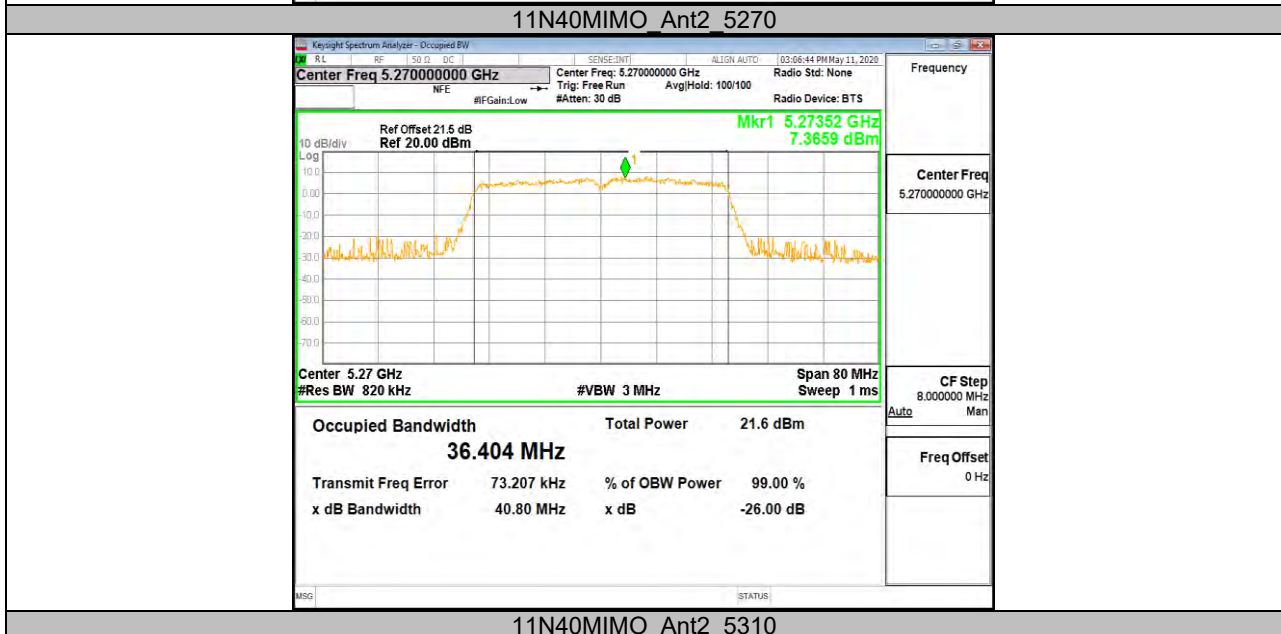
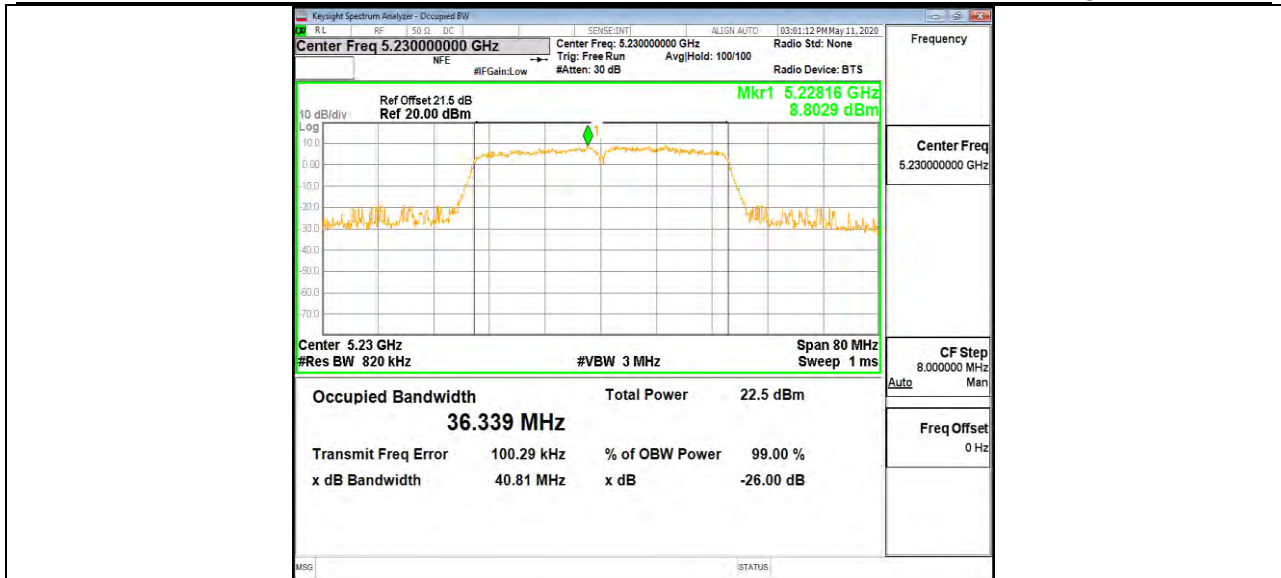


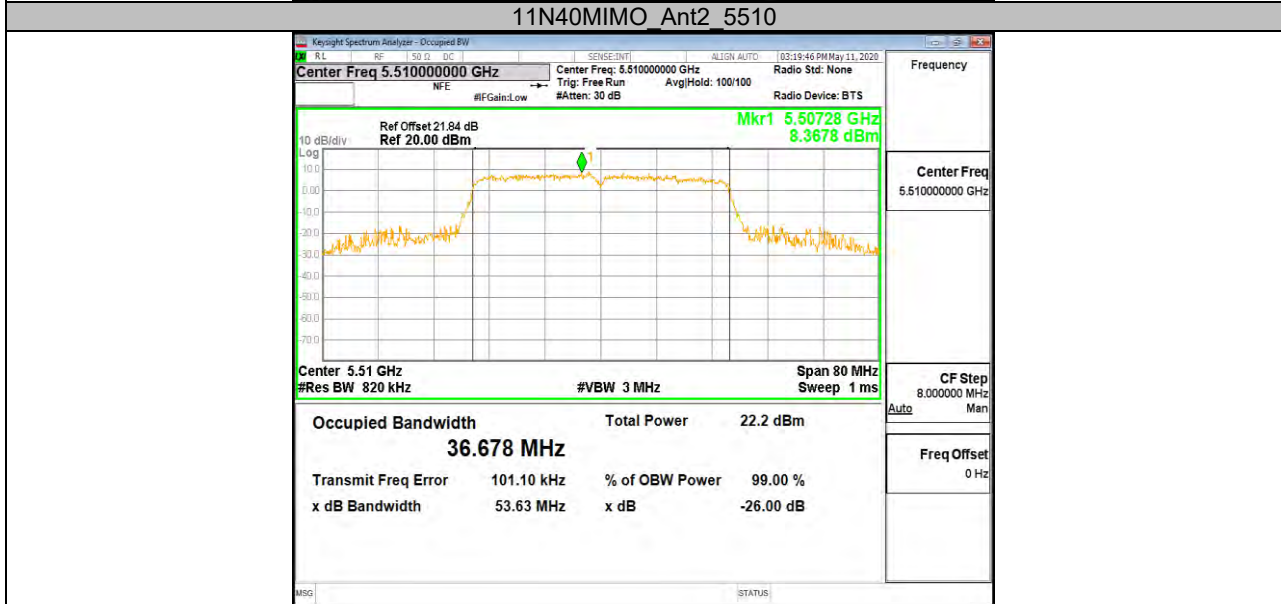
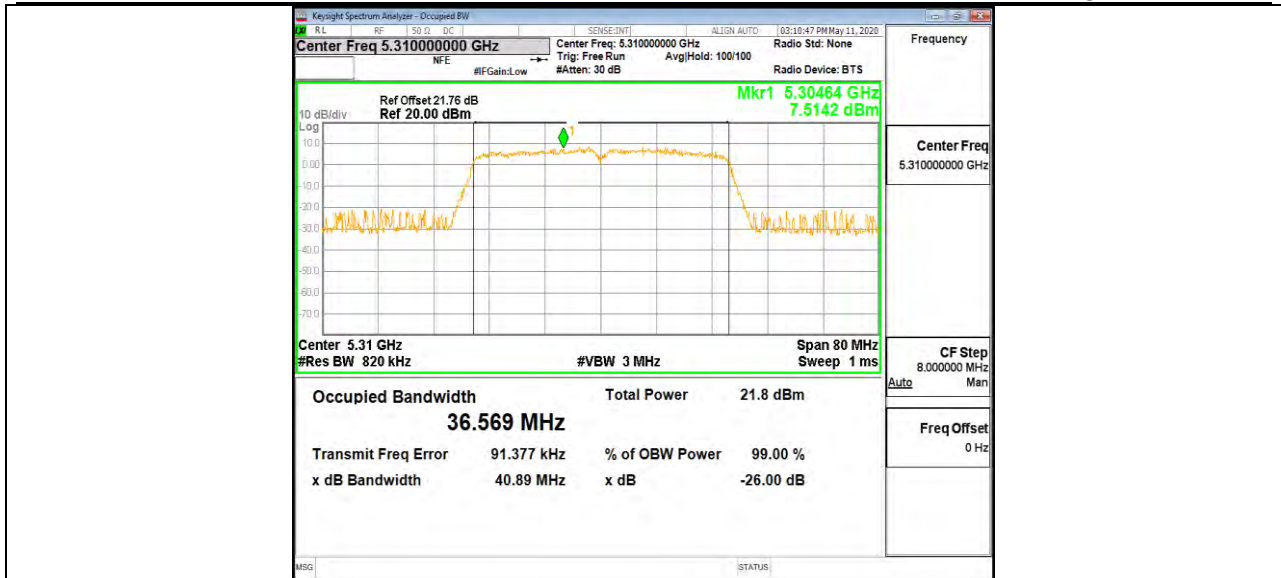
11N20MIMO Ant2 5785



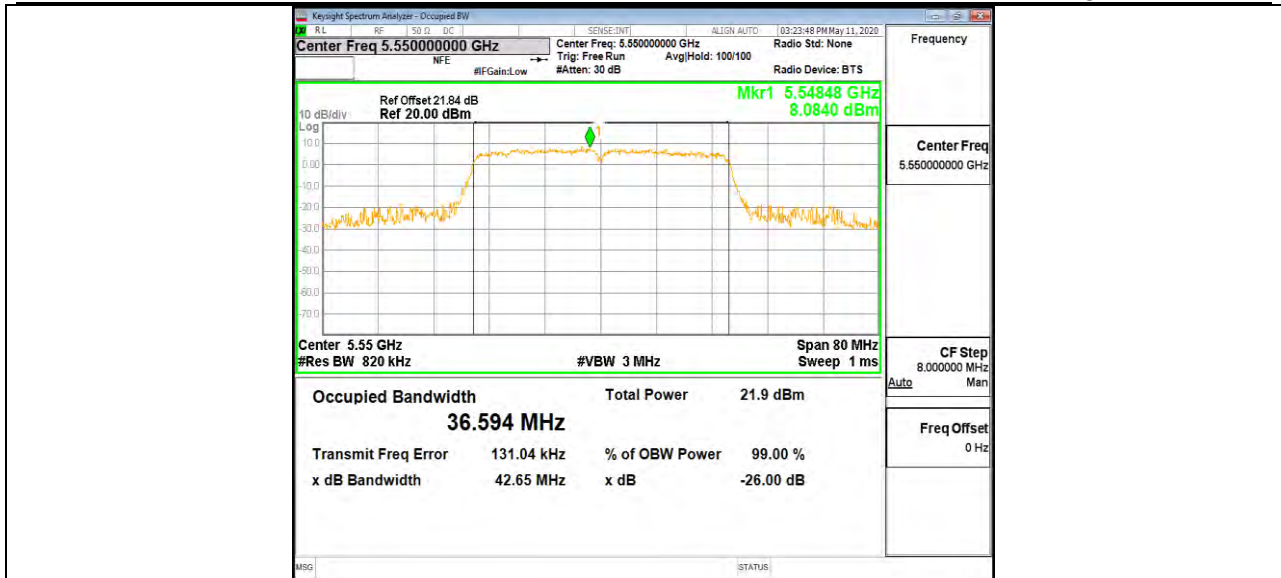
11N20MIMO Ant2 5825



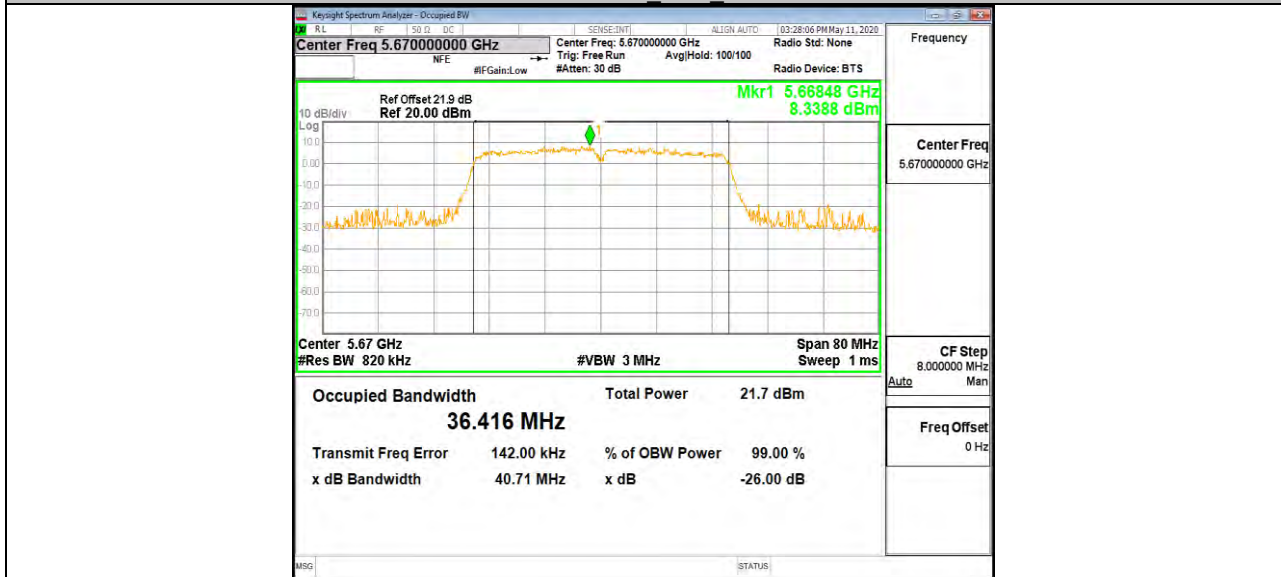




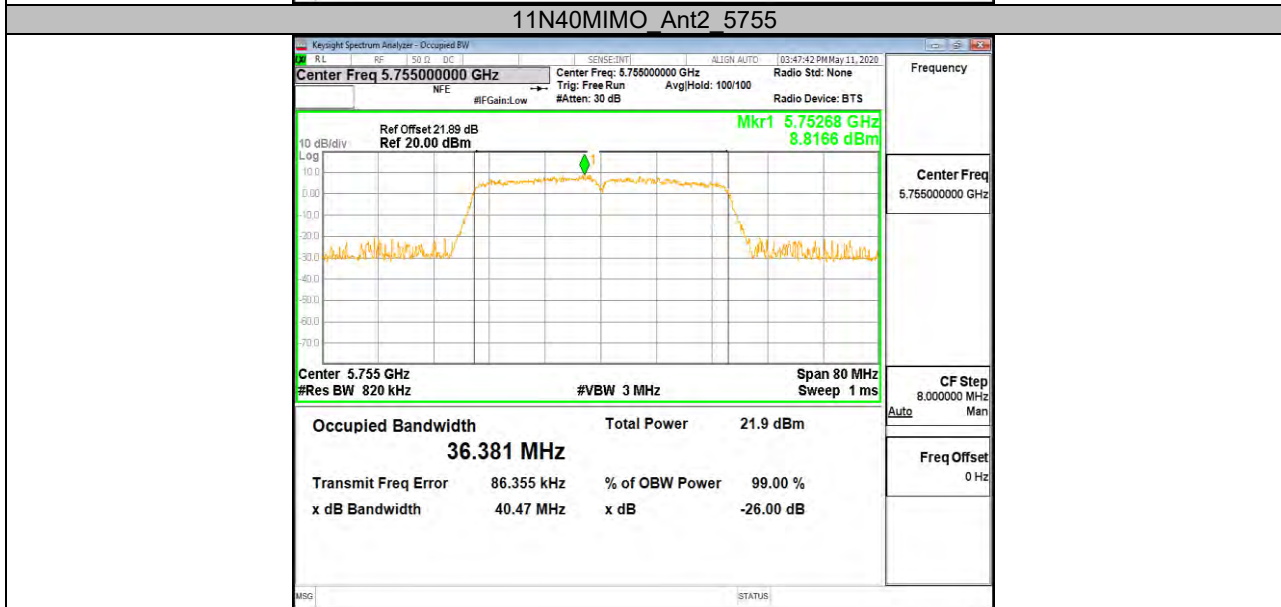
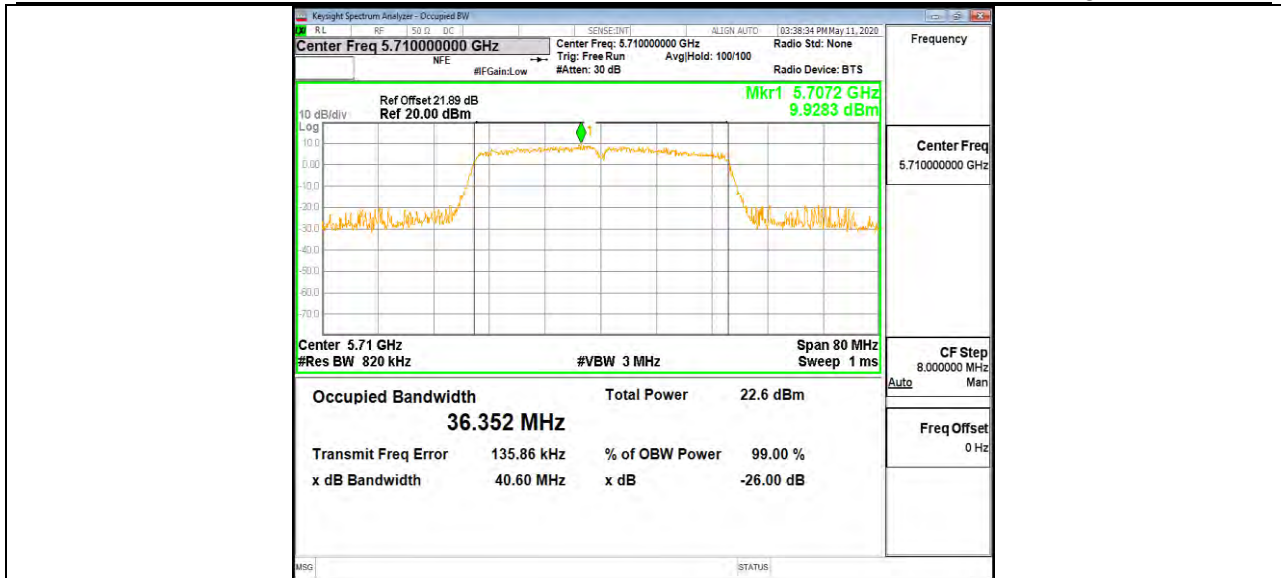


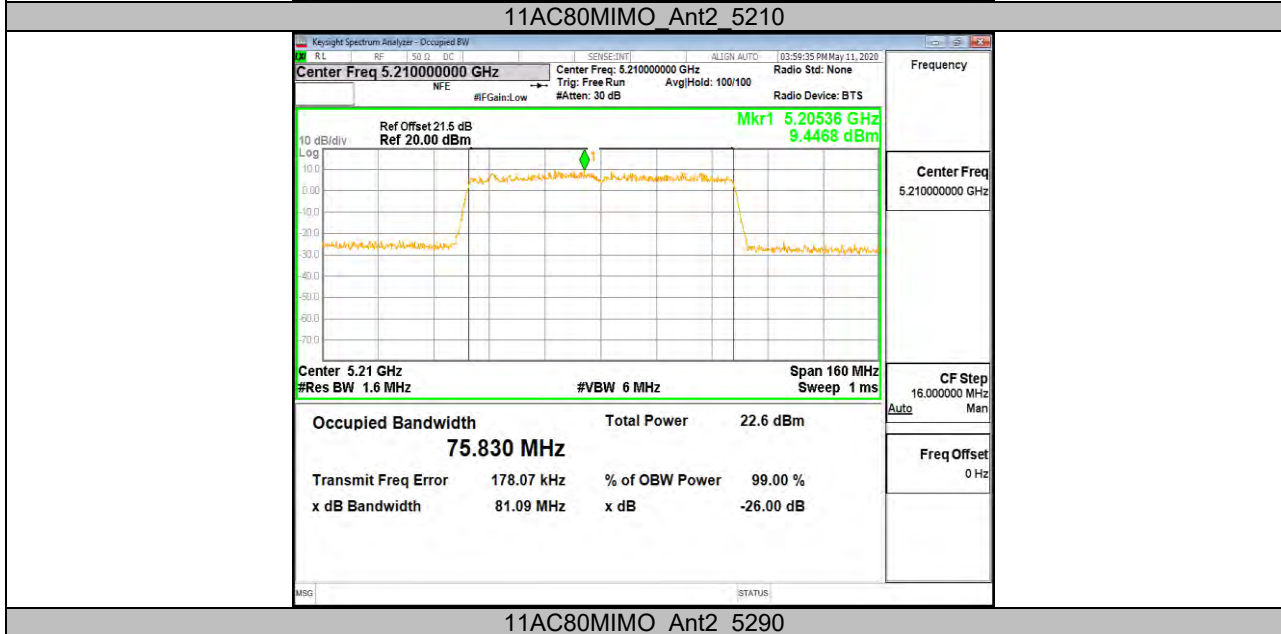
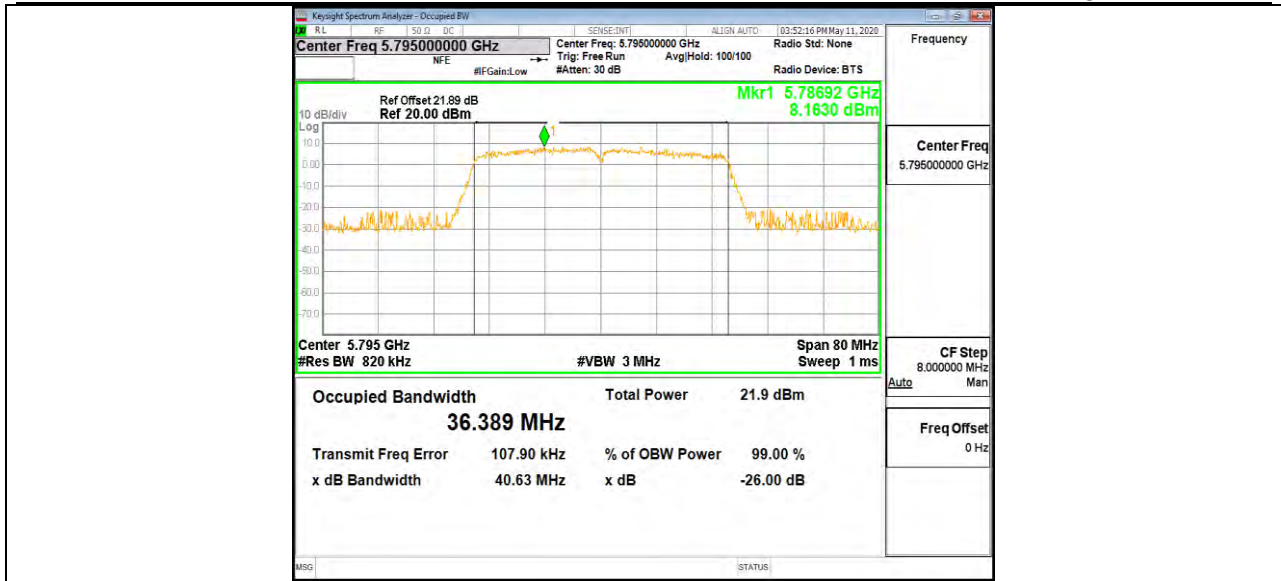


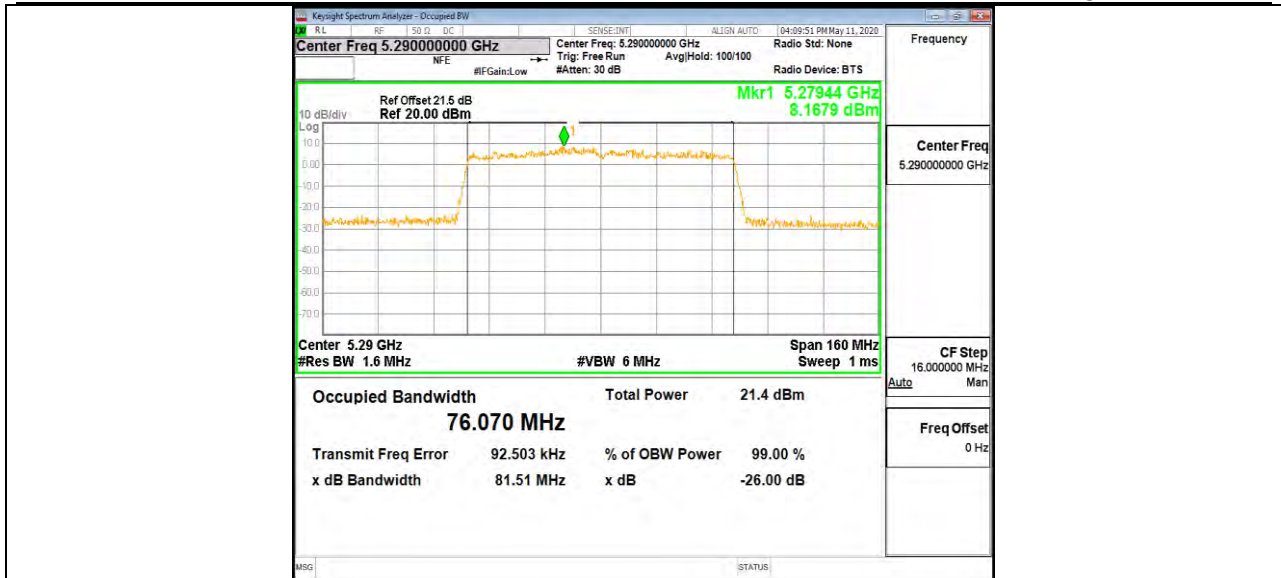
11N40MIMO Ant2 5670



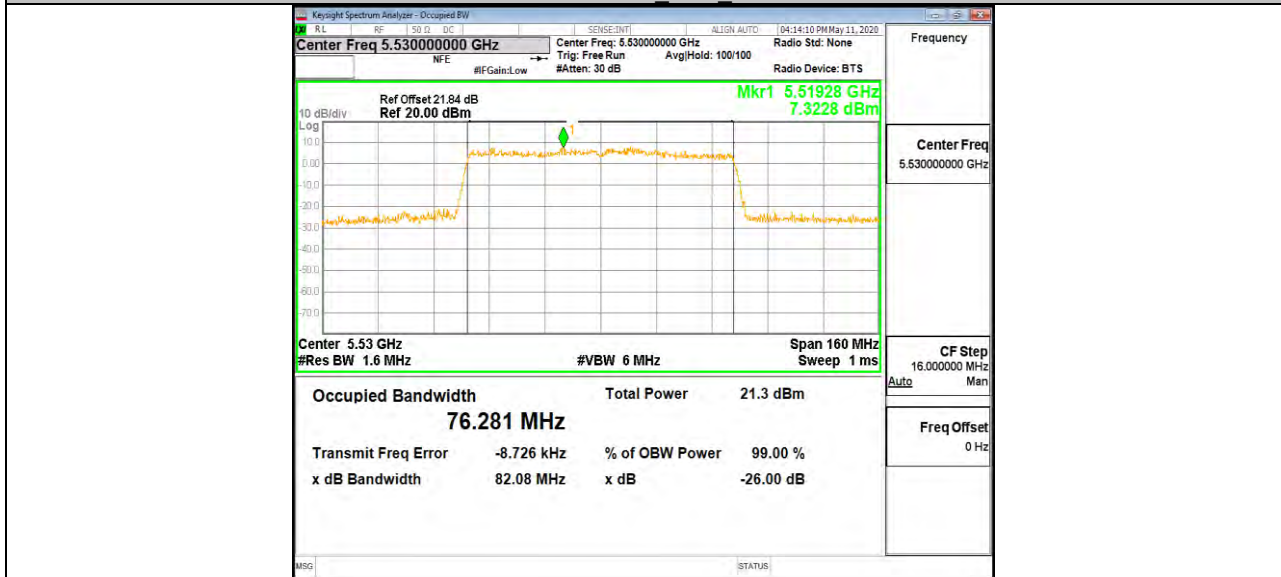
11N40MIMO Ant2 5710



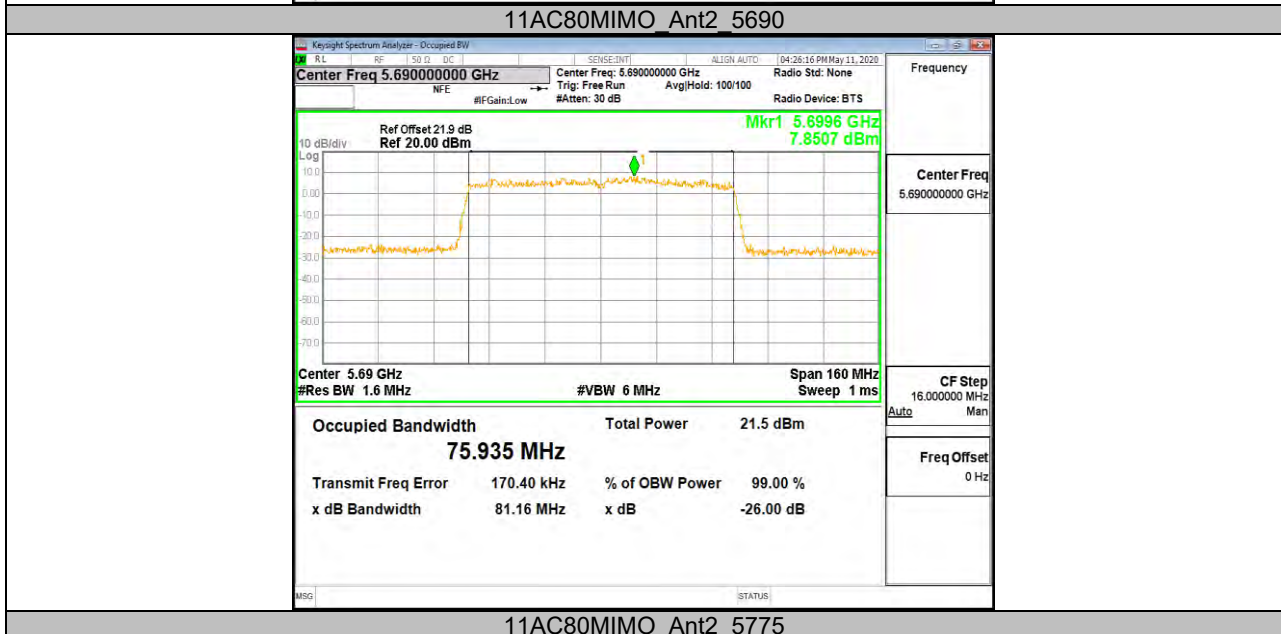
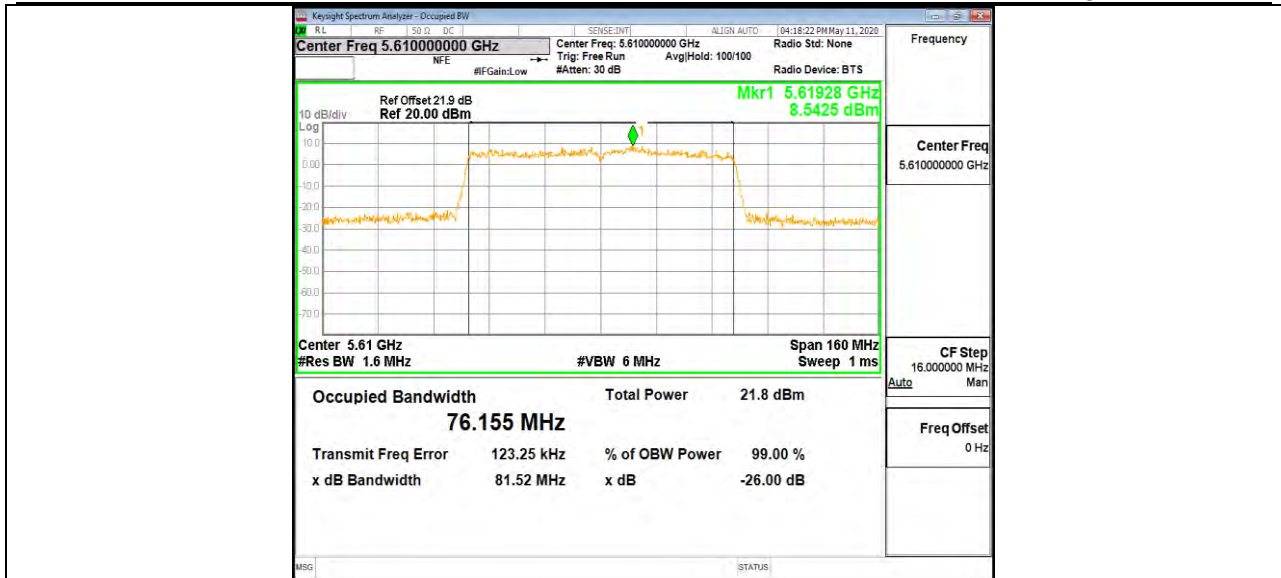


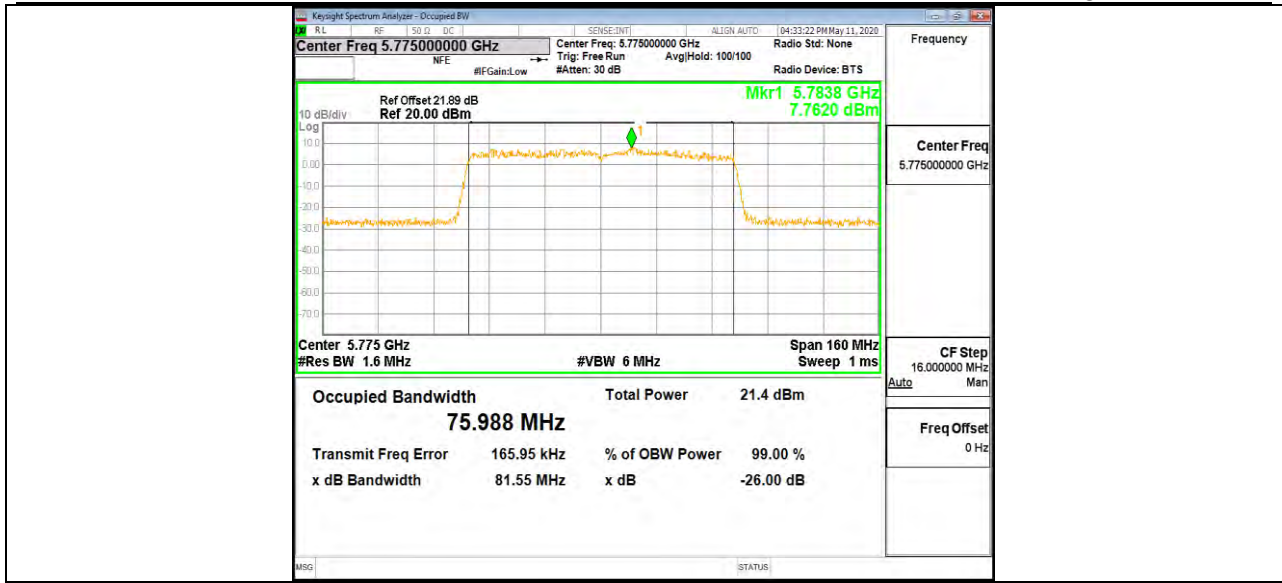


11AC80MIMO Ant2 5530



11AC80MIMO Ant2 5610







### 13.3. Appendix A3: 6dB Emission bandwidth

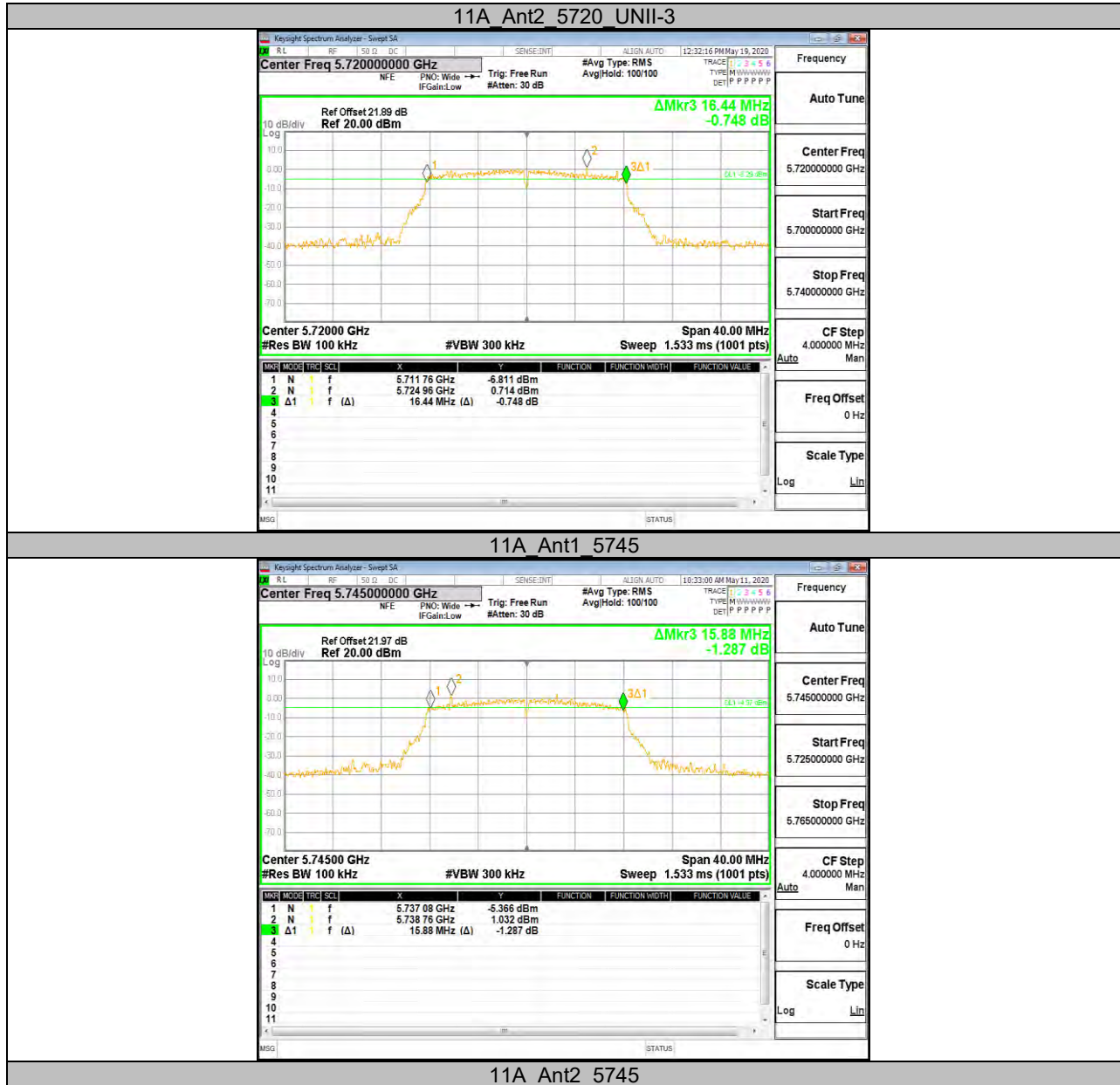
#### 13.3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A20	Ant2	5720_UNII- 3	3.2	5725	5728.200	0.5	PASS
	Ant1	5745	15.880	5737.080	5752.960	0.5	PASS
	Ant2	5745	15.160	5737.400	5752.560	0.5	PASS
	Ant1	5785	16.360	5776.840	5793.200	0.5	PASS
	Ant2	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant1	5825	15.120	5817.480	5832.600	0.5	PASS
	Ant2	5825	15.160	5817.480	5832.640	0.5	PASS
11N20MIMO	Ant2	5720_UNII- 3	3.4	5725	5728.400	0.5	PASS
		5745	16.600	5736.640	5753.240	0.5	PASS
		5785	17.000	5776.840	5793.840	0.5	PASS
		5825	16.640	5816.600	5833.240	0.5	PASS
11N40MIMO	Ant2	5710_UNII- 3	2.6	5725	5727.600	0.5	PASS
		5755	35.280	5737.400	5772.680	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80MIMO	Ant2	5690_UNII- 3	2.76	5725	5727.760	0.5	PASS
		5775	76.000	5736.760	5812.760	0.5	PASS

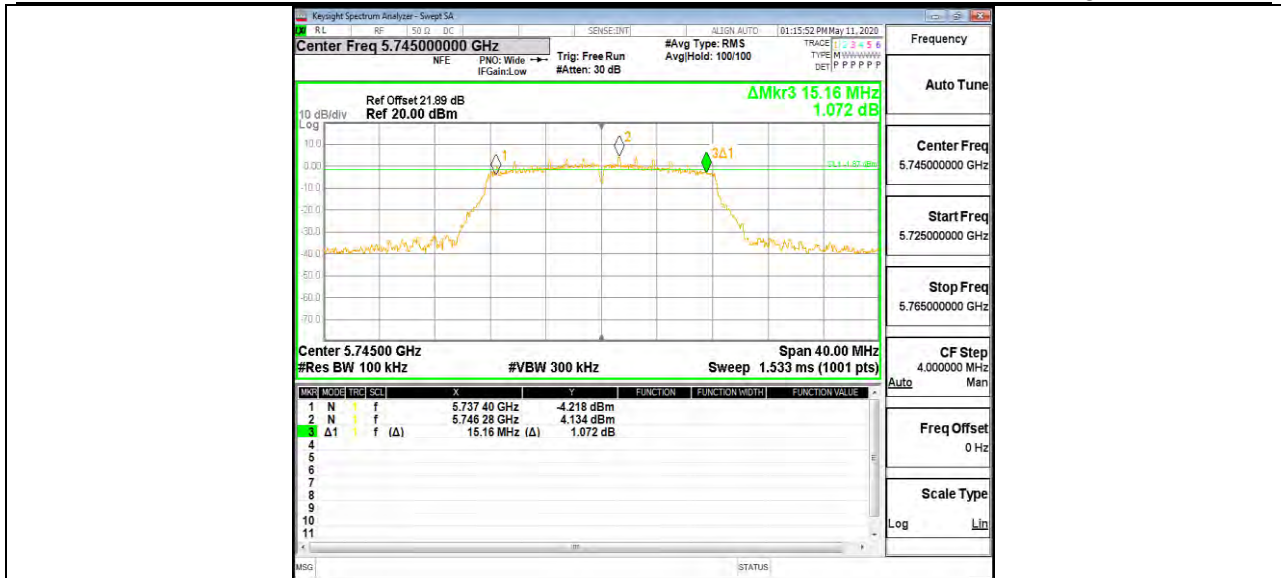
Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.



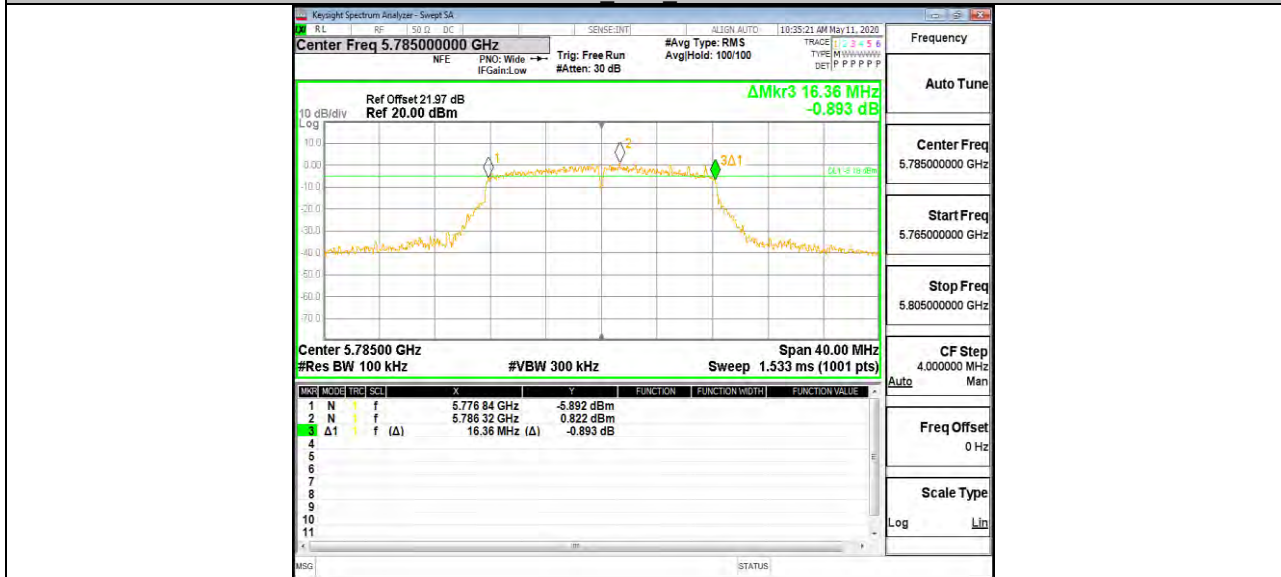
### 13.3.2. Test Graphs



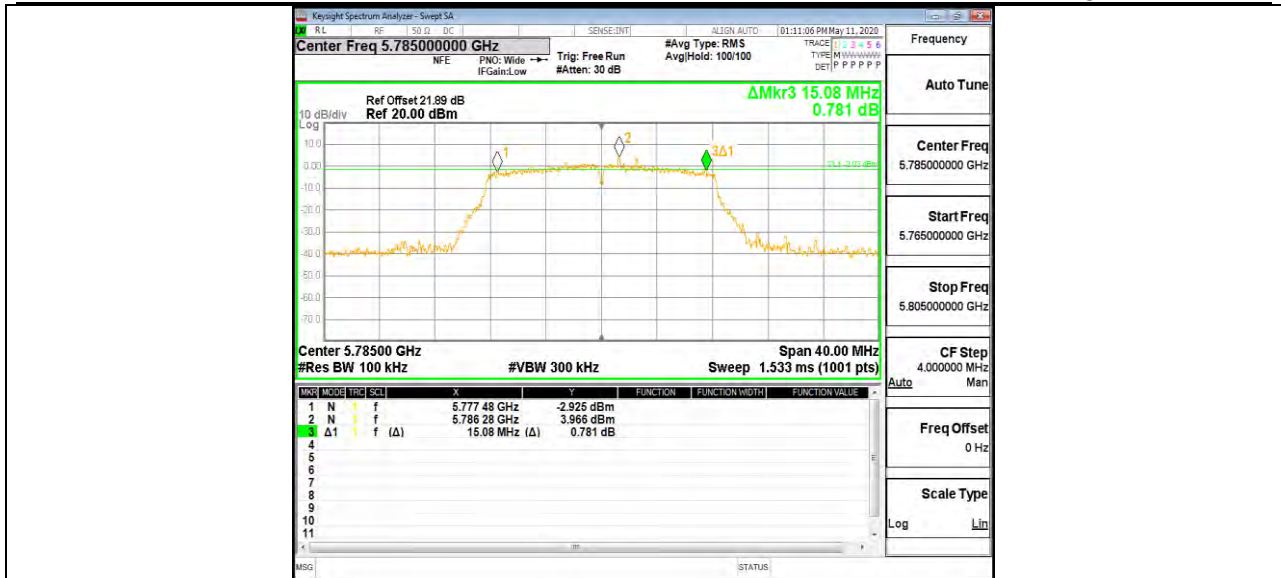




11A Ant1 5785



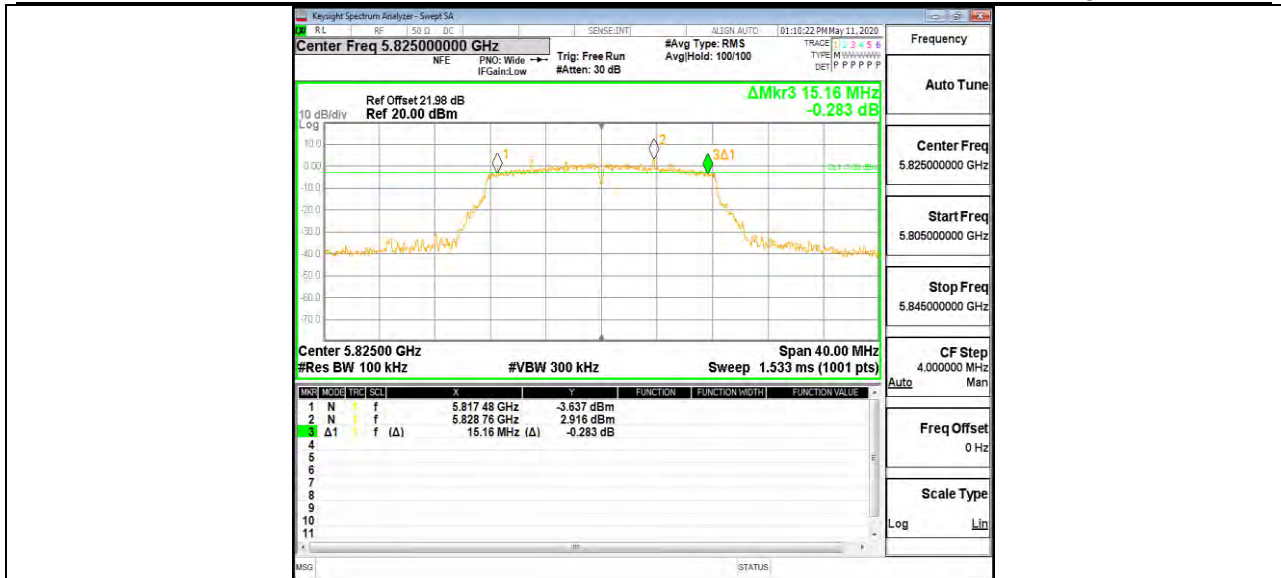
11A Ant2 5785



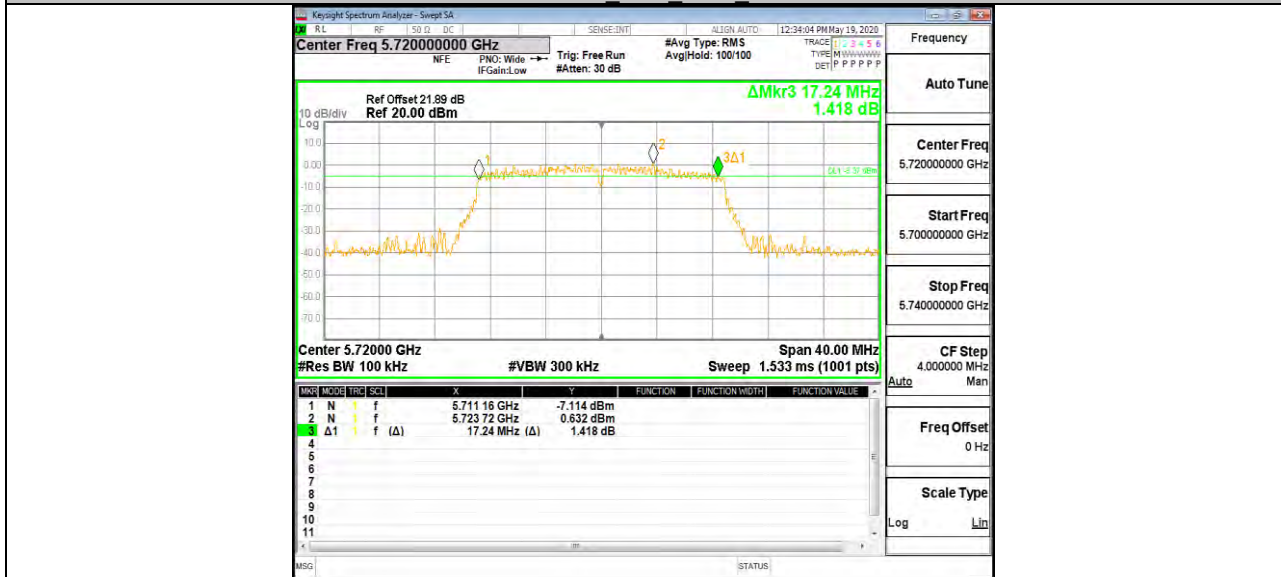
11A Ant1 5825



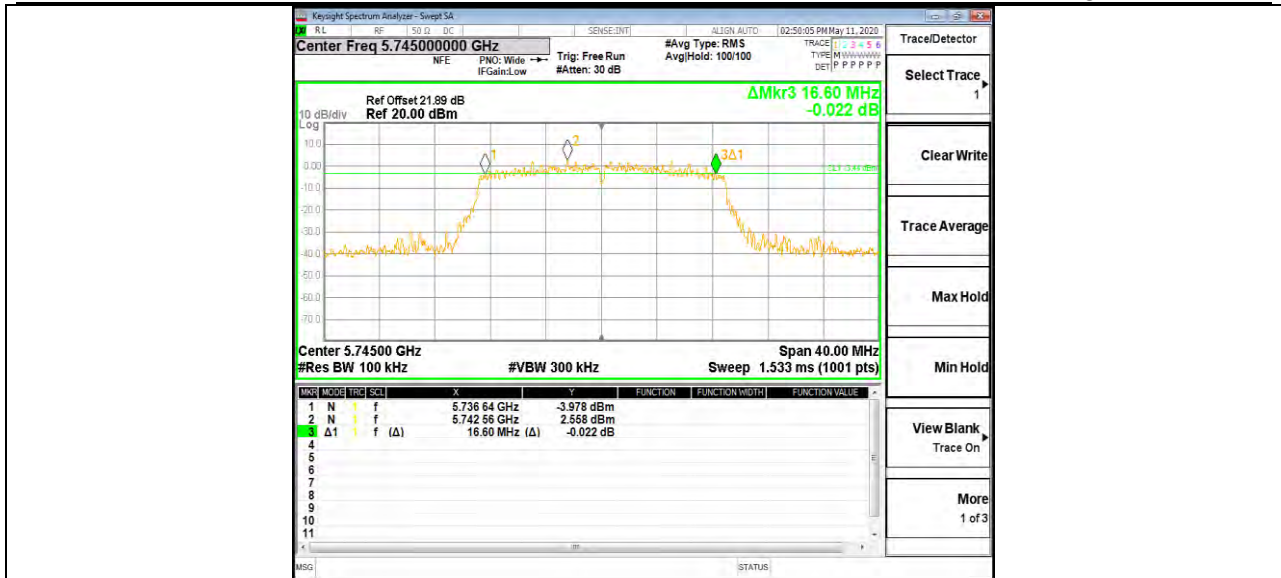
11A Ant2 5825



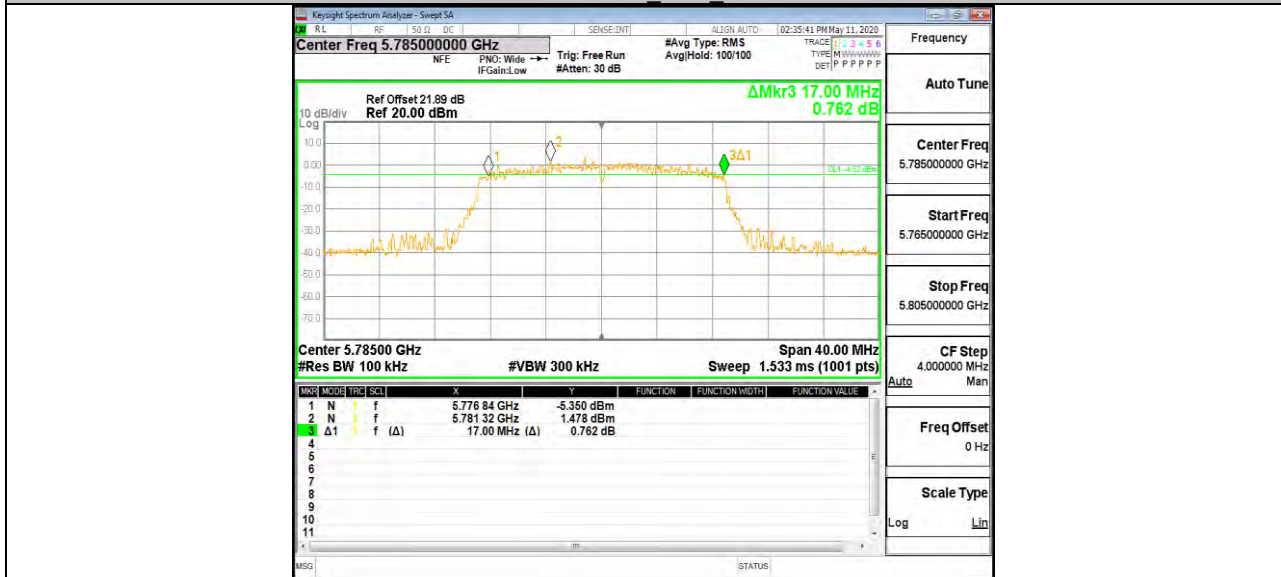
11N20MIMO Ant2 5720 UUII-3



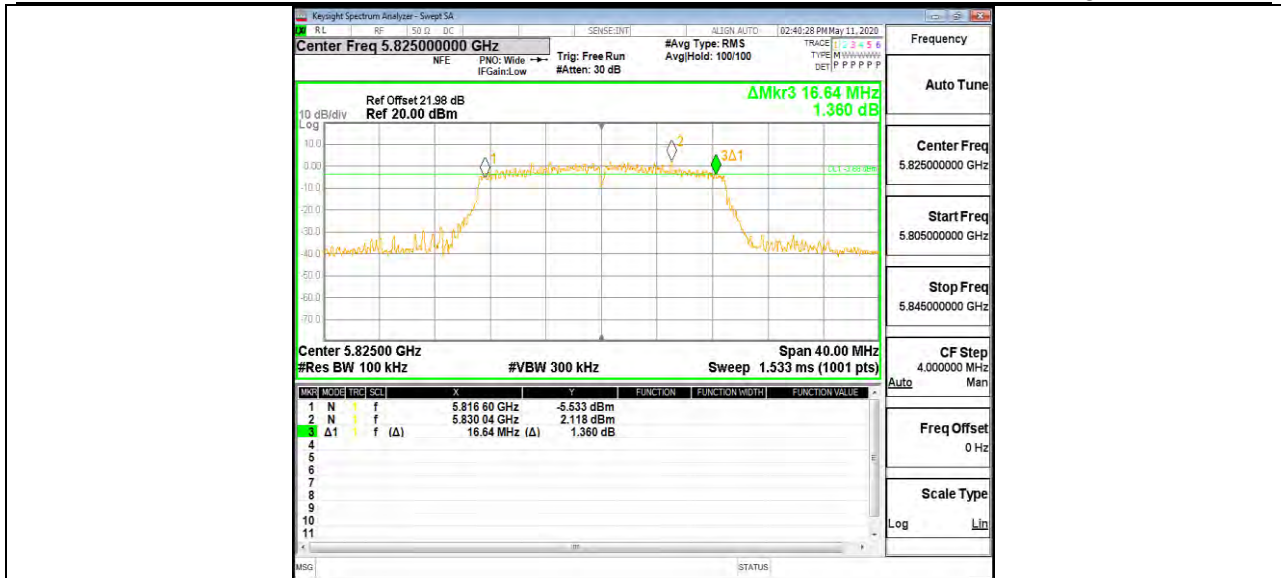
11N20MIMO Ant2 5745



11N20MIMO Ant2 5785



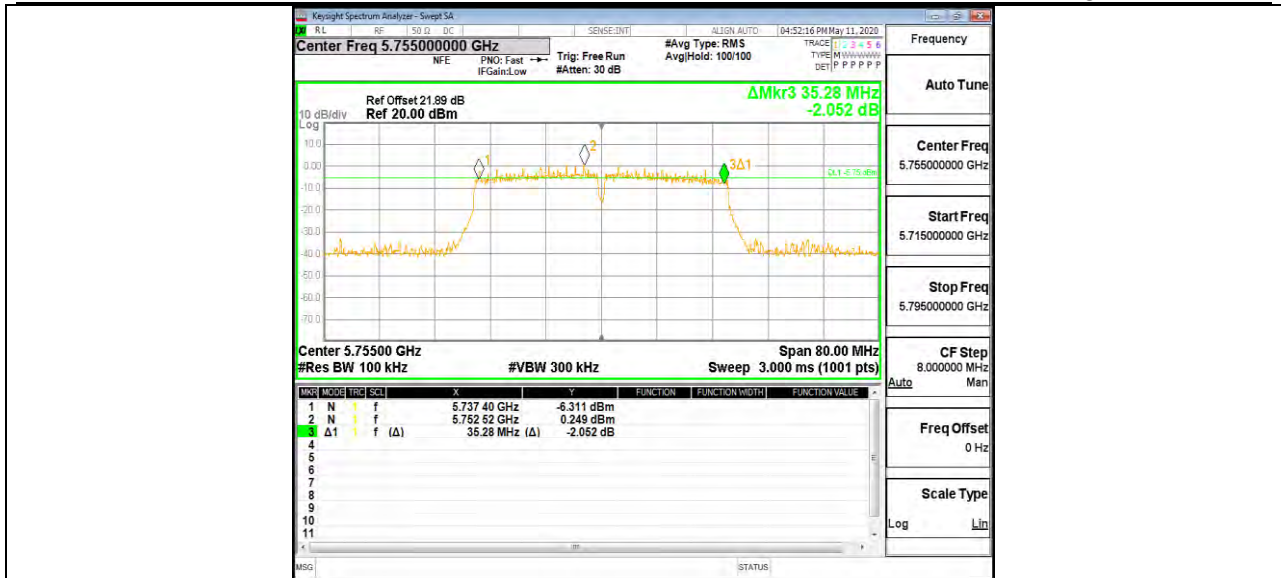
11N20MIMO Ant2 5825



11N40MIMO Ant2 5710 UII-3



11N40MIMO Ant2 5755



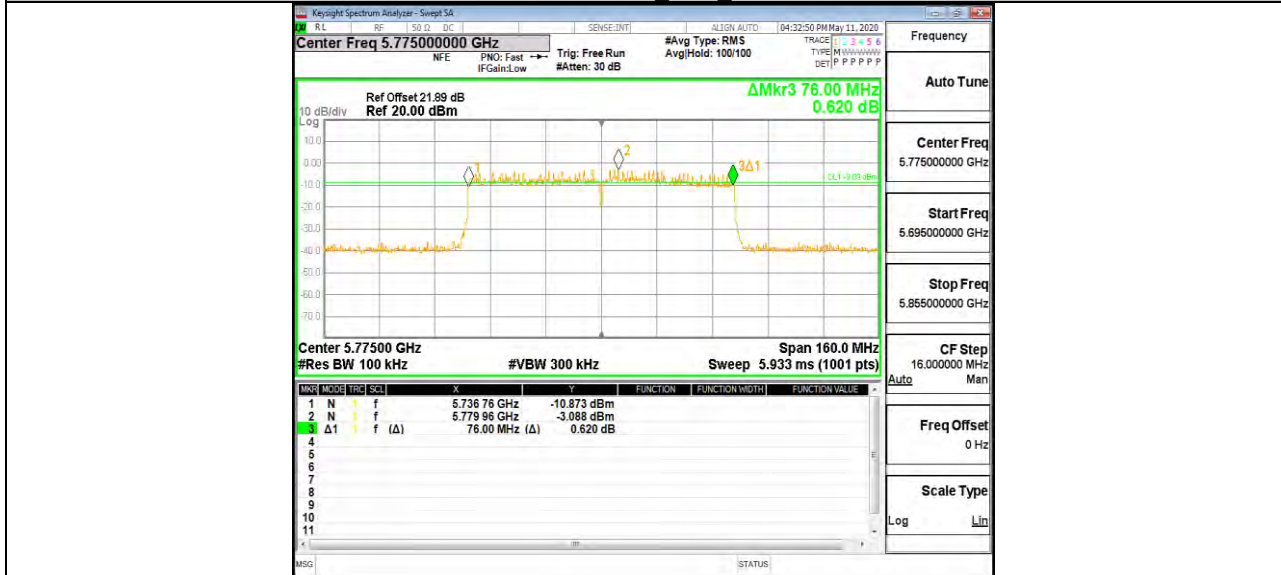
11N40MIMO Ant2 5795



11AC80MIMO Ant2 5690 UNII-3



11AC80MIMO Ant2 5775





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

TestMode	Channel (MHz)	Av.Power (dBm)			FCC Limit (dBm)	ISED EIRP (dBm)			ISED Limit (dBm)
		ANT1	ANT2	Total		ANT1	ANT2	Total	
11A20	5180	13.46	15.62	/	24.00	16.33	18.15	/	22.24
	5200	14.10	15.92	/	24.00	16.97	18.45	/	22.24
	5240	14.33	16.09	/	24.00	17.20	18.62	/	22.24
	5260	13.80	14.39	/	23.94	/	/	/	23.23
	5280	15.07	15.28	/	23.94	/	/	/	23.23
	5320	15.59	15.65	/	23.94	/	/	/	23.23
	5500	15.55	15.72	/	23.91	/	/	/	23.24
	5580	14.88	15.23	/	23.91	/	/	/	23.24
	5700	14.97	15.76	/	23.91	/	/	/	23.24
	5720-2C	12.74	13.98	/	22.71	/	/	/	22.31
	5720-3	5.07	6.27	/	30.00	/	/	/	30.00
	5745	14.10	14.97	/	30.00	/	/	/	30.00
	5785	13.79	15.08	/	30.00	/	/	/	30.00
	5825	13.80	14.91	/	30.00	/	/	/	30.00
11N20MIMO	5180	10.14	11.97	14.16	24.00	/	/	19.87	22.44
	5200	9.95	11.73	13.94	24.00	/	/	19.65	22.44
	5240	10.75	11.65	14.23	24.00	/	/	19.95	22.44
	5260	13.12	13.75	16.46	23.88	/	/	/	23.44
	5280	14.40	14.59	17.51	23.88	/	/	/	23.44
	5320	14.81	14.76	17.80	23.88	/	/	/	23.44
	5500	14.63	14.85	17.75	21.78	/	/	/	23.46
	5580	14.24	14.57	17.42	21.78	/	/	/	23.46
	5700	14.01	14.99	17.54	21.78	/	/	/	23.46
	5720-2C	12.09	13.25	15.72	20.57	/	/	/	22.40
	5720-3	5.19	6.28	8.78	28.81	/	/	/	28.81
	5745	13.21	14.41	16.86	28.81	/	/	/	28.81
	5785	12.93	14.50	16.80	28.81	/	/	/	28.81
	5825	13.16	14.30	16.78	28.81	/	/	/	28.81





11N40MIMO	5190	10.55	12.14	14.43	24.00	/	/	20.14	23.00
	5230	13.02	13.81	16.44	24.00	/	/	22.16	23.00
	5270	14.31	14.30	17.32	23.88	/	/	/	24.00
	5310	12.50	12.11	15.32	23.88	/	/	/	24.00
	5510	10.54	11.09	13.83	21.82	/	/	/	24.00
	5550	14.34	14.53	17.45	21.82	/	/	/	24.00
	5670	14.03	14.32	17.19	21.82	/	/	/	24.00
	5710-2C	14.18	15.09	17.67	21.82	/	/	/	24.00
	5710-3	1.26	2.24	4.79	28.81				28.81
	5755	13.64	14.66	17.19	28.81	/	/	/	28.81
	5795	13.39	14.62	17.06	28.81	/	/	/	28.81
11AC20MIMO	5180	10.12	11.55	13.90	24.00	/	/	19.62	22.43
	5200	9.99	11.61	13.89	24.00	/	/	19.60	22.43
	5240	10.92	11.43	14.19	24.00	/	/	19.90	22.43
	5260	13.19	13.50	16.36	23.88	/	/	/	23.43
	5280	14.50	14.50	17.51	23.88	/	/	/	23.43
	5320	14.95	14.58	17.78	23.88	/	/	/	23.43
	5500	14.70	14.79	17.76	21.82	/	/	/	23.43
	5580	14.38	14.51	17.46	21.82	/	/	/	23.43
	5700	14.39	15.06	17.75	21.82	/	/	/	23.43
	5720-2C	12.28	13.14	15.74	21.82	/	/	/	23.43
	5720-3	5.03	5.80	8.44	28.81	/	/	/	28.81
	5745	13.46	14.43	16.98	28.81	/	/	/	28.81
	5785	13.22	14.45	16.89	28.81	/	/	/	28.81
5825	13.24	14.27	16.80	28.81	/	/	/	28.81	
11AC40MIMO	5190	10.55	12.13	14.42	24.00	/	/	20.13	23.00
	5230	12.90	13.41	16.17	24.00	/	/	21.88	23.00
	5270	14.33	14.46	17.41	23.88	/	/	/	24.00
	5310	12.18	11.59	14.91	23.88	/	/	/	24.00
	5510	10.19	10.81	13.52	21.82	/	/	/	24.00
	5550	14.12	14.29	17.22	21.82	/	/	/	24.00
	5670	13.92	14.25	17.10	21.82	/	/	/	24.00
	5710-2C	14.11	15.00	17.59	21.82	/	/	/	24.00
	5710-3	1.29	2.14	4.75	28.81	/	/	/	28.81
	5755	13.58	14.34	16.99	28.81	/	/	/	28.81
	5795	13.15	14.27	16.76	28.81	/	/	/	28.81
11AC80MIMO	5210	12.27	13.52	15.95	24.00	/	/	21.66	23.00
	5290	12.17	12.15	15.17	23.88	/	/	/	24.00
	5530	9.56	10.30	12.96	21.82	/	/	/	24.00
	5610	12.66	13.05	15.87	21.82	/	/	/	24.00



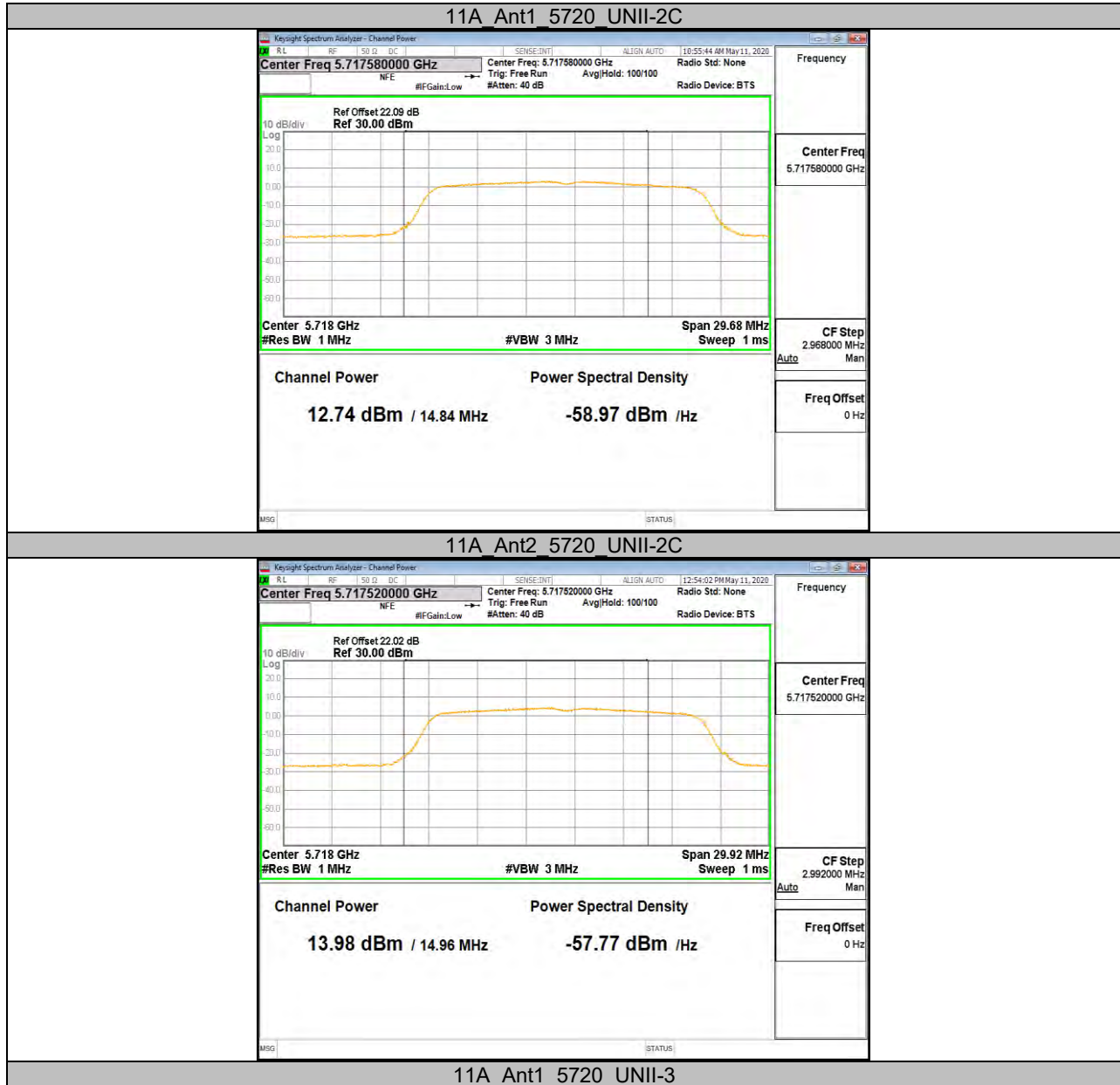
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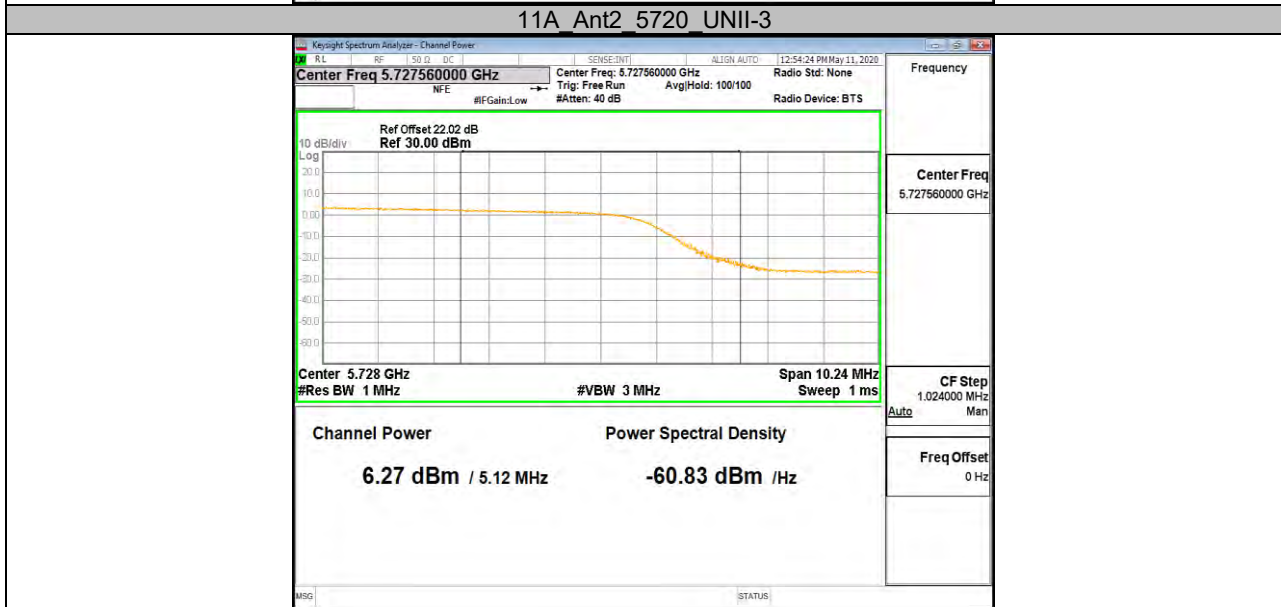
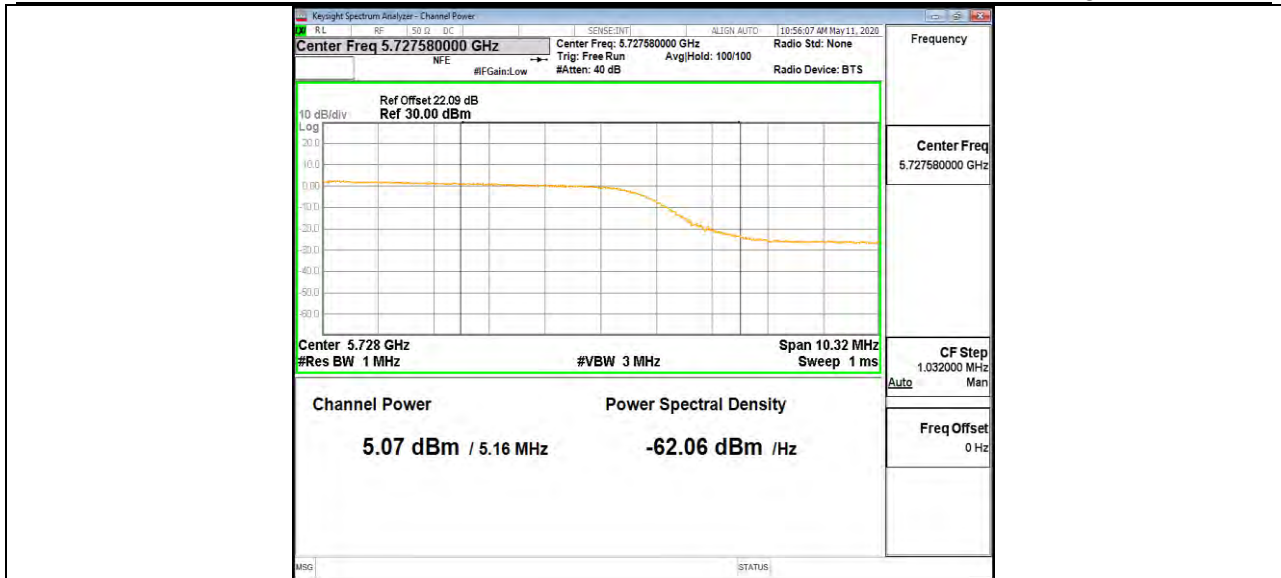
	5690-2C	12.32	12.62	15.48	21.82	/	/	/	24.00
	5690-3	-3.12	-2.22	0.36	28.81	/	/	/	28.81
	5775	12.44	12.81	15.64	28.81	/	/	/	28.81

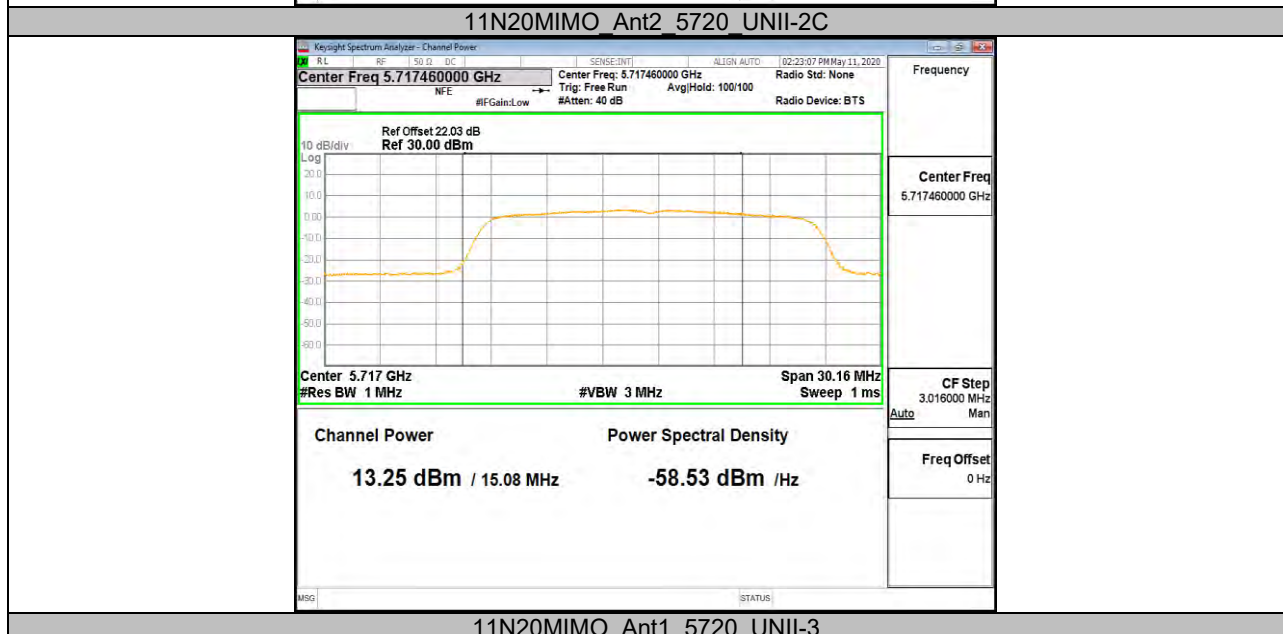
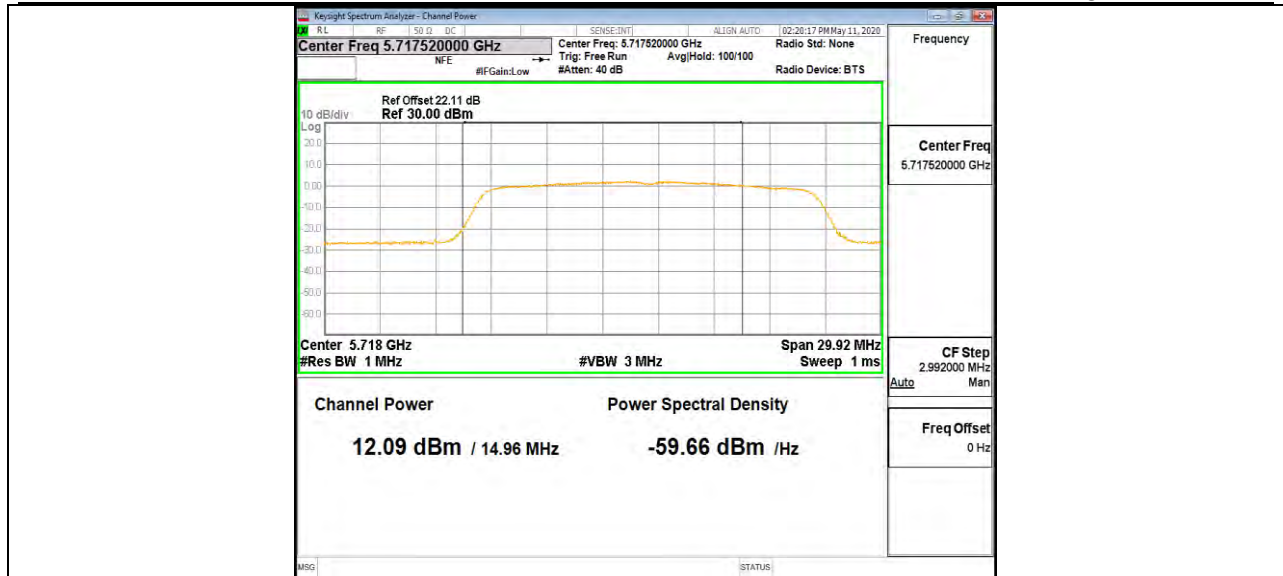
- Note: 1. Conducted Power=Meas. Level+ Correction Factor  
2. EIRP=conducted Power + Antenna Gain  
3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1

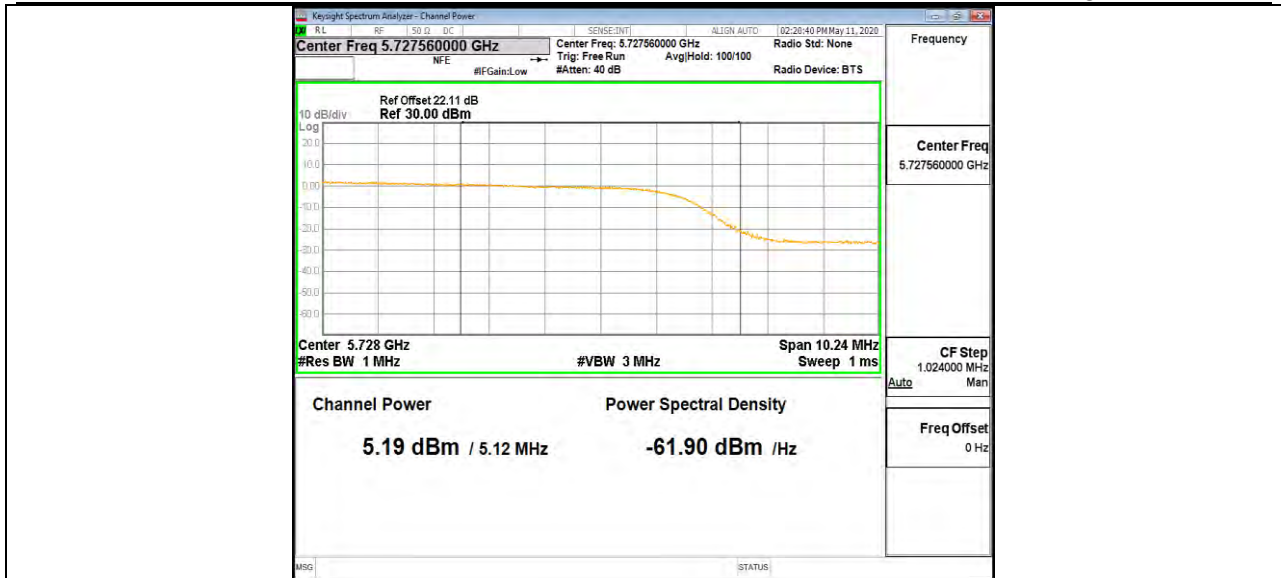


### 13.4.2. Test Graphs

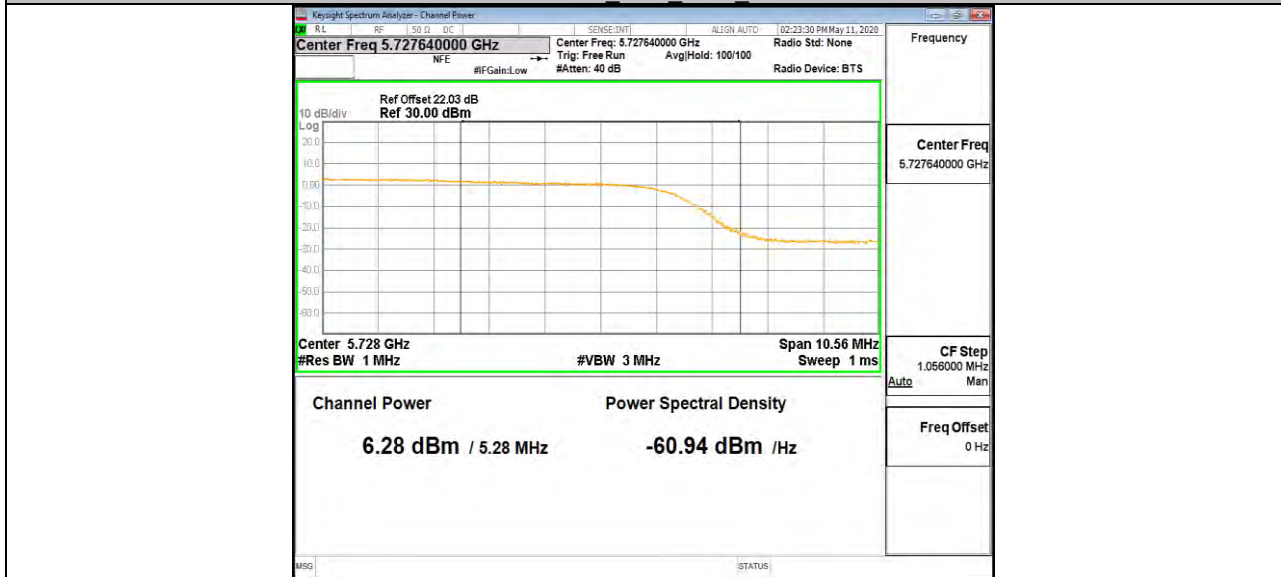




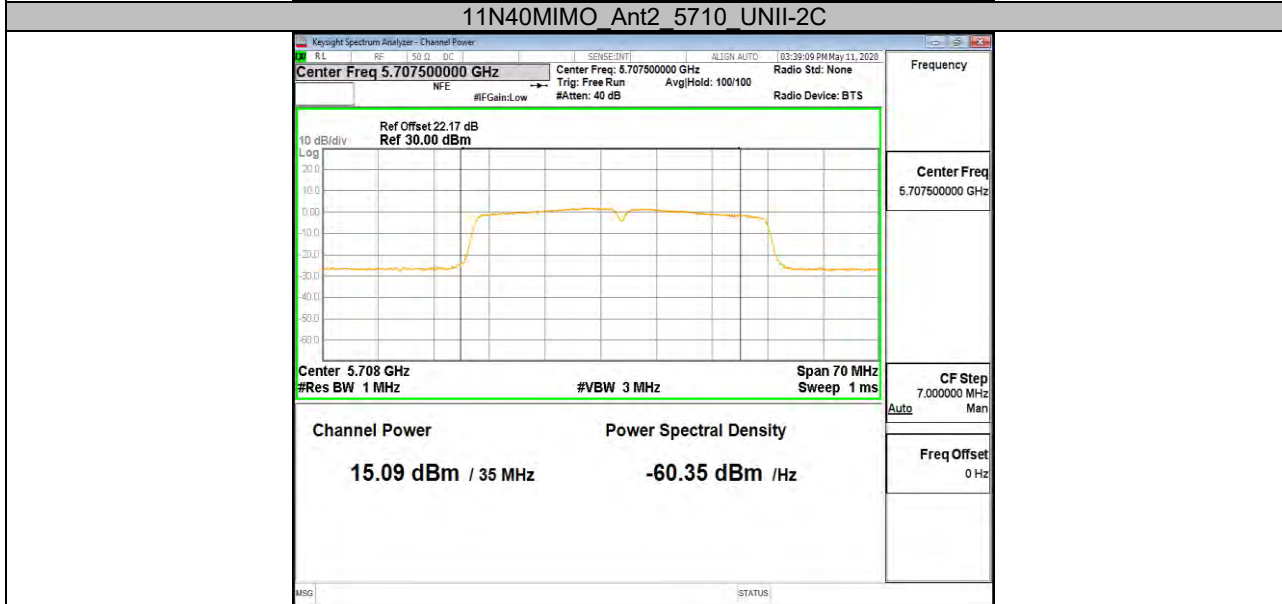
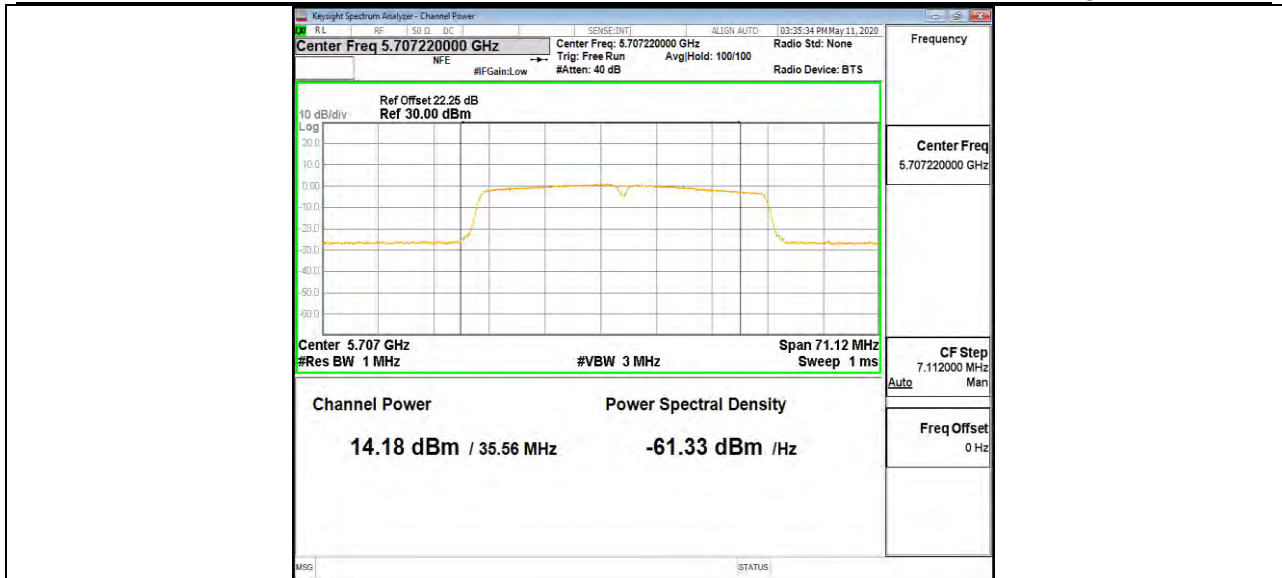


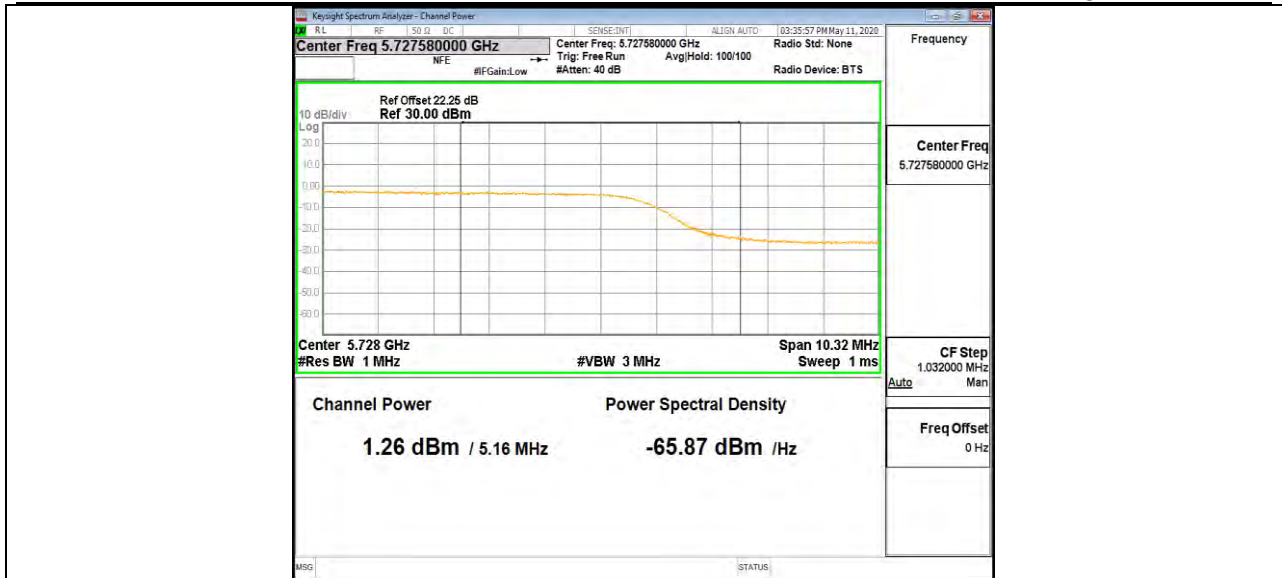


11N20MIMO Ant2 5720 UNII-3

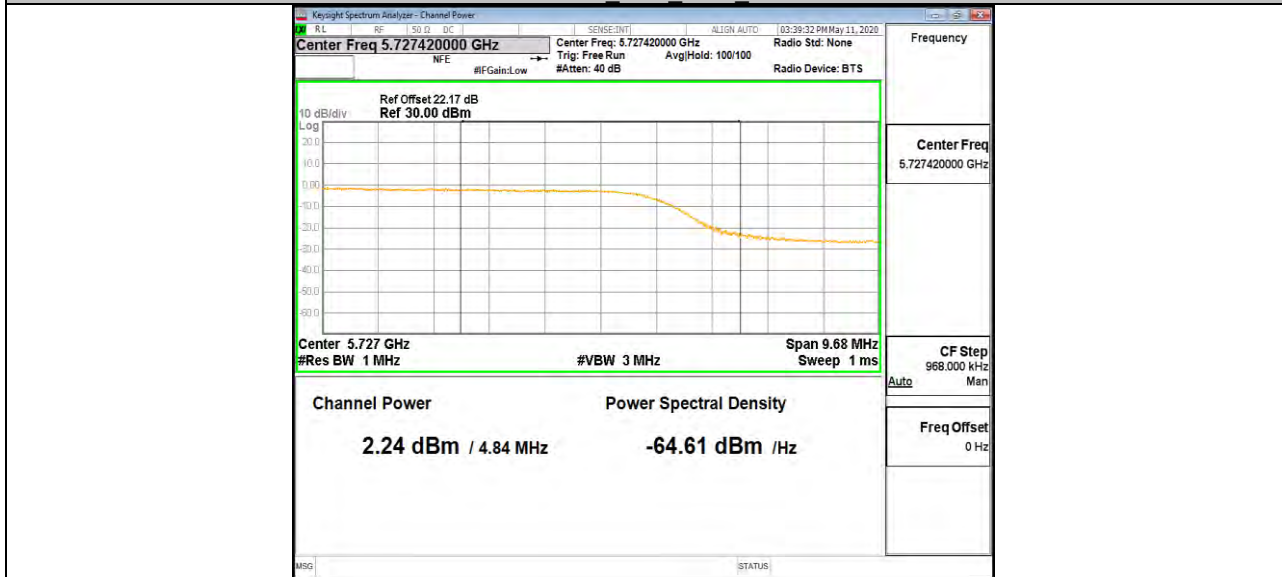


11N40MIMO Ant1 5710 UNII-2C



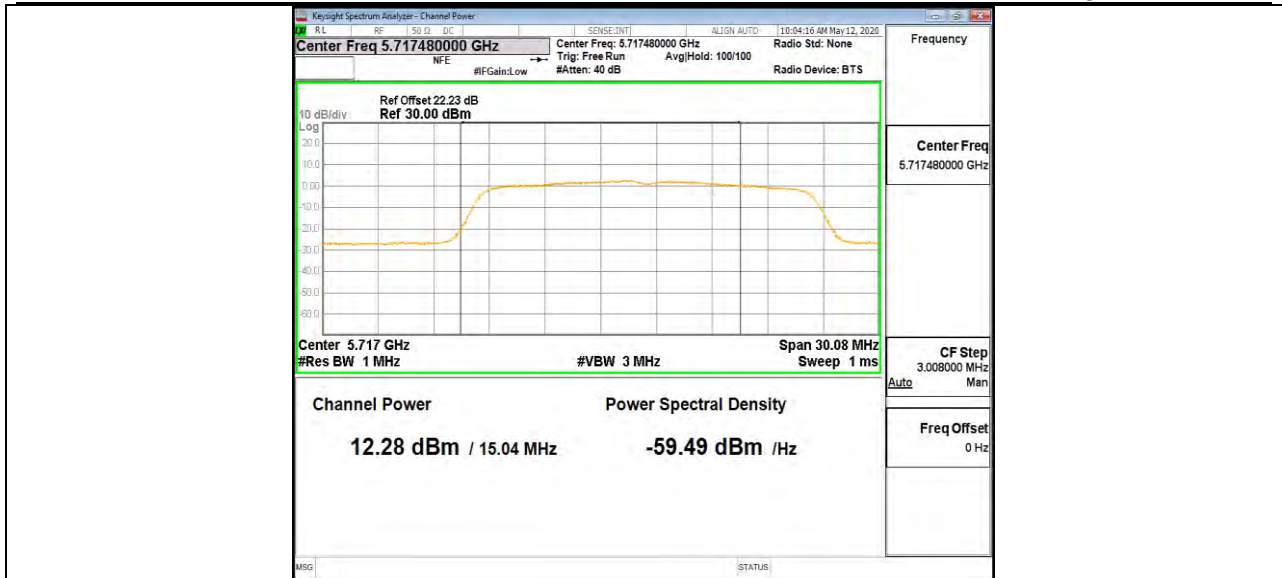


11N40MIMO Ant2 5710 UNII-3



11A20MIMO Ant1 5720 UNII-2C

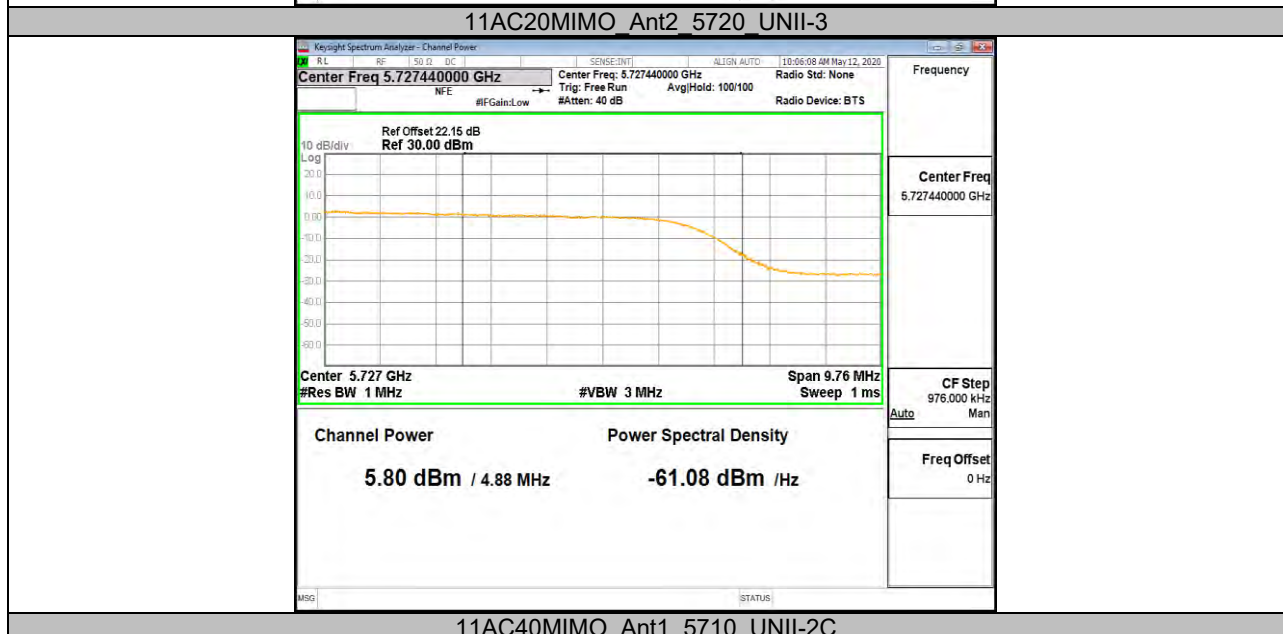


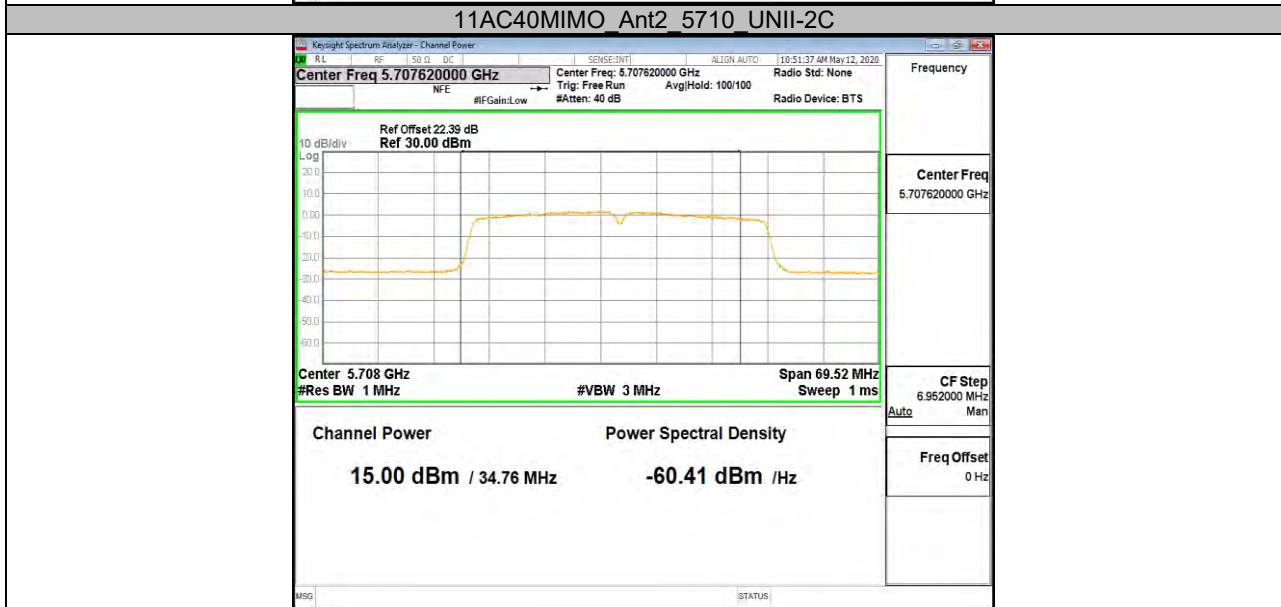
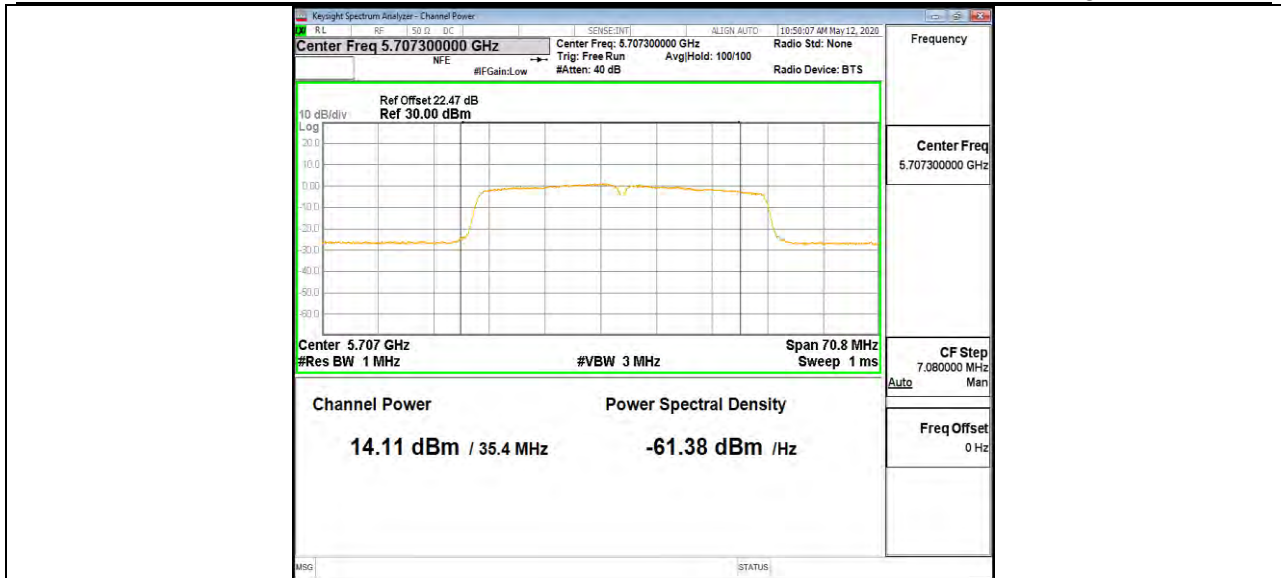


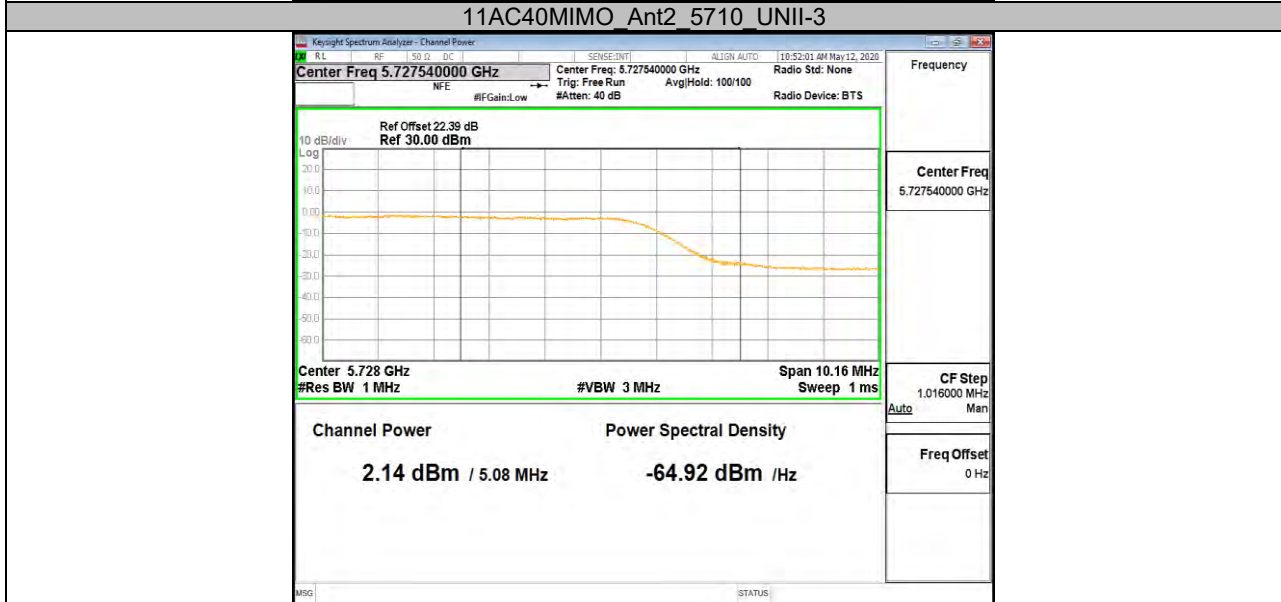
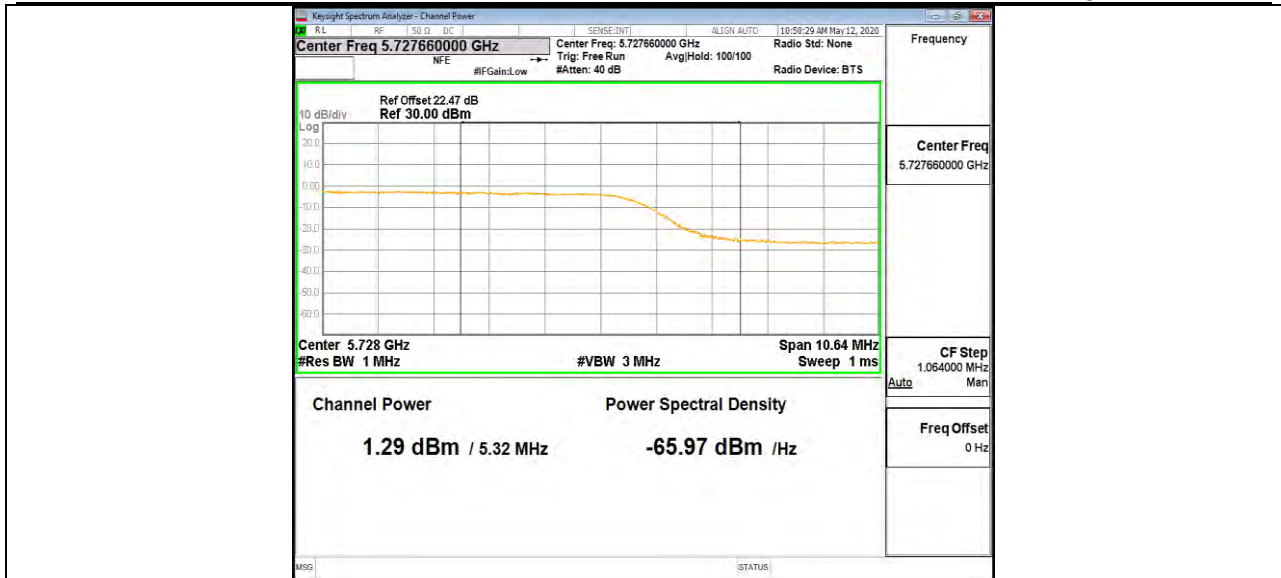
11AC20MIMO Ant2 5720 UNII-2C

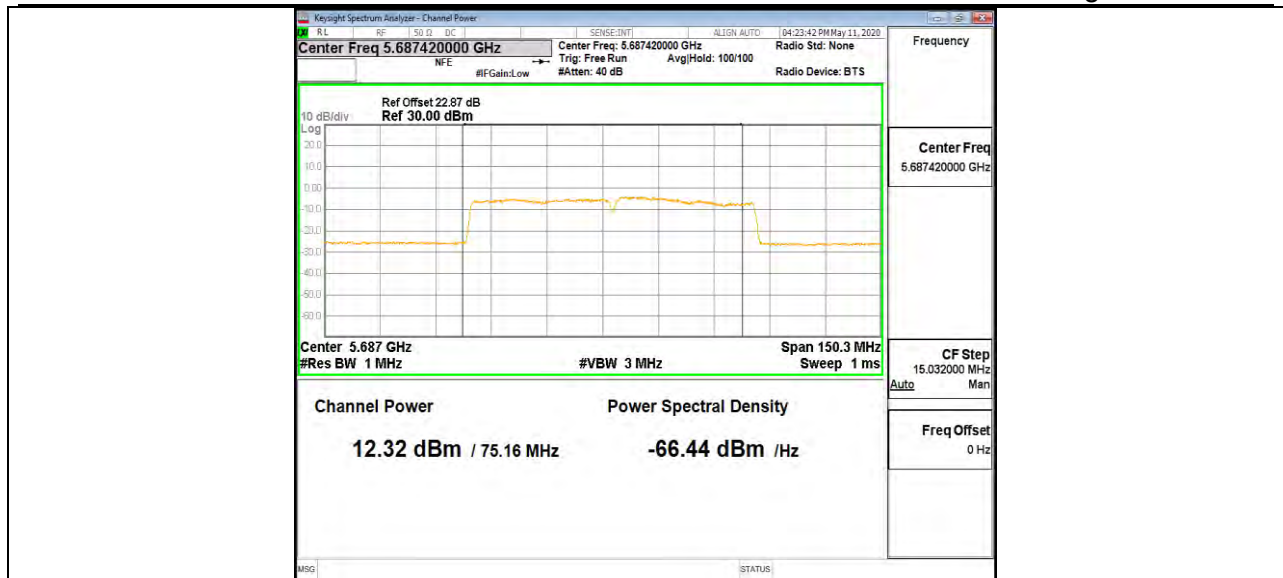


11AC20MIMO Ant1 5720 UNII-3

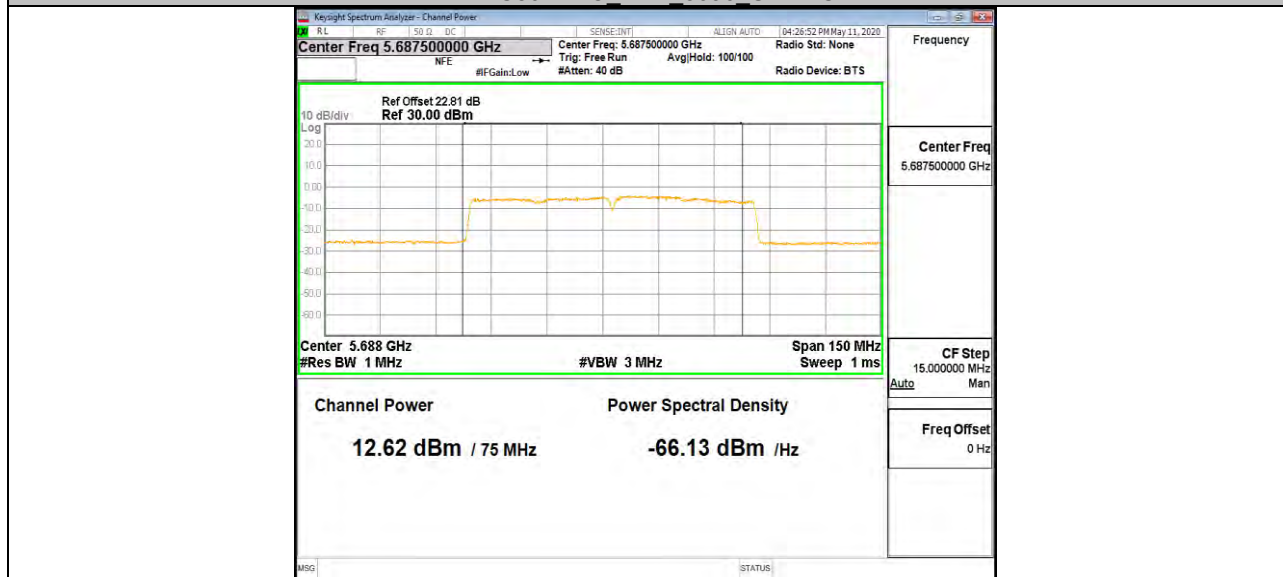




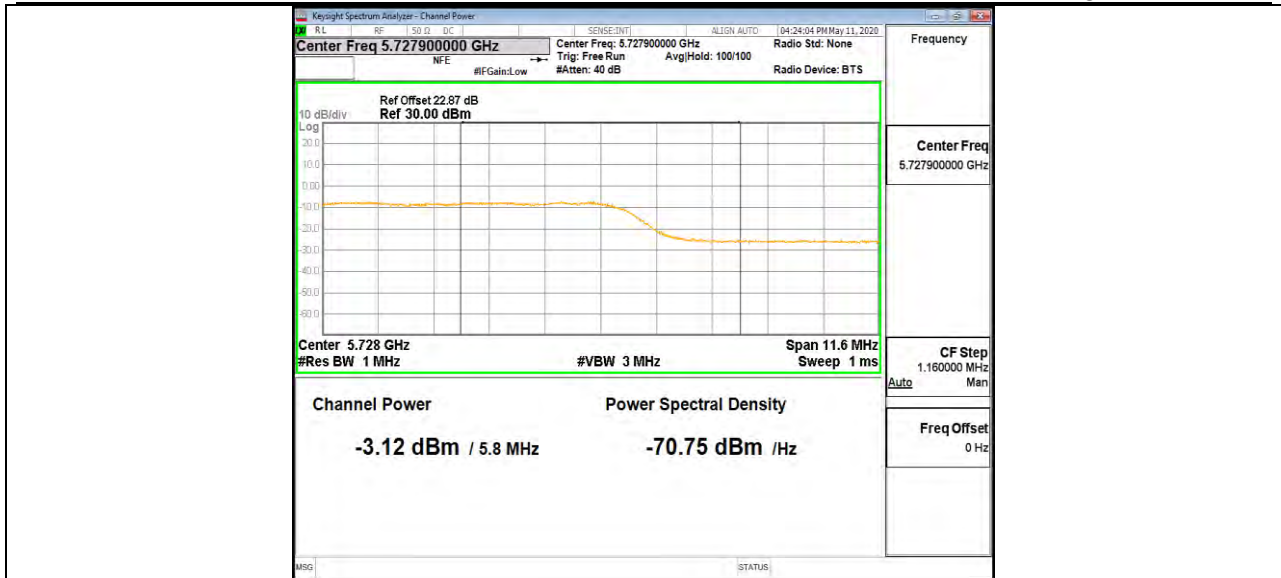




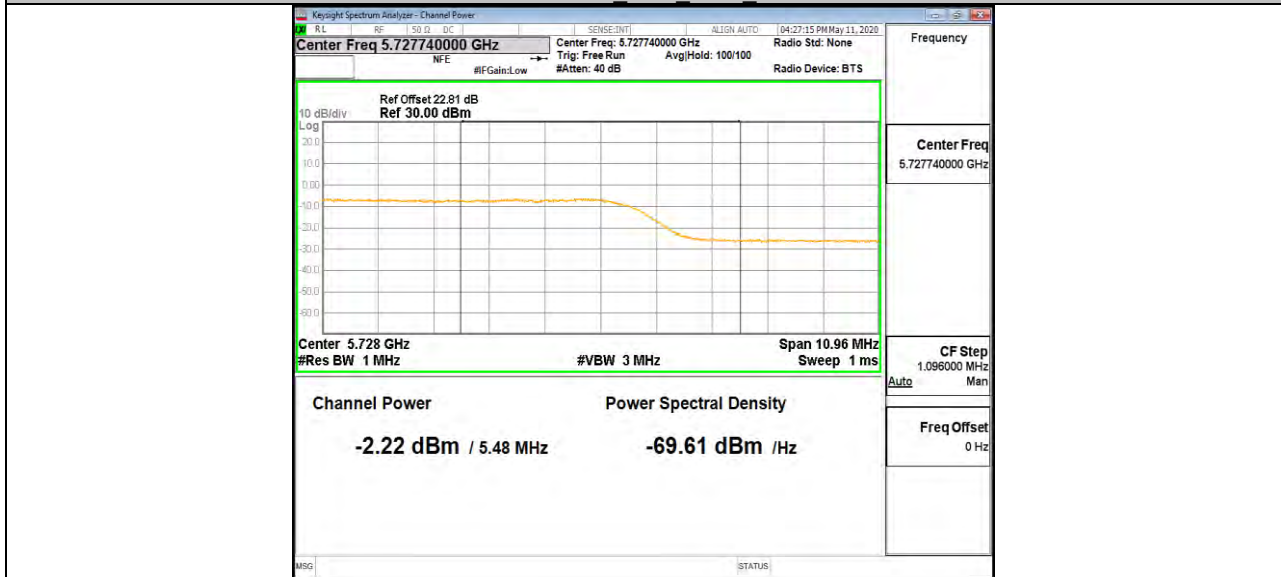
11AC80MIMO Ant2 5690 UNII-2C



11AC80MIMO Ant1 5690 UNII-3



11AC80MIMO Ant2 5690 UNII-3





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

TestMode	Channel (MHz)	5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)			Limit 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)	PSD EIRP			Limit 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)
		ANT1	ANT2	Total		ANT1	ANT2	Total	
11A20	5180	3.10	5.45	/	11.00	5.970	7.980	/	10.00
	5200	4.09	5.97	/	11.00	6.960	8.500	/	10.00
	5240	4.25	5.95	/	11.00	7.120	8.480	/	10.00
	5260	3.53	4.12	/	11.00	/	/	/	11.00
	5280	5.23	5.35	/	11.00	/	/	/	11.00
	5320	5.52	5.77	/	11.00	/	/	/	11.00
	5500	5.39	5.25	/	11.00	/	/	/	11.00
	5580	4.82	5.48	/	11.00	/	/	/	11.00
	5700	5.09	5.83	/	11.00	/	/	/	11.00
	5720-2C	3.80	4.43	/	11.00	/	/	/	11.00
	5720-3	-1.18	-0.15	/	30.00	/	/	/	30.00
	5745	1.38	1.91	/	30.00	/	/	/	30.00
	5785	0.82	2.10	/	30.00	/	/	/	30.00
	5825	0.90	2.12	/	30.00	/	/	/	30.00
11N20MIMO	5180	-0.20	1.92	4.00	11.00	/	/	9.710	10.00
	5200	-0.28	1.54	3.73	11.00	/	/	9.447	10.00
	5240	0.39	1.54	4.01	11.00	/	/	9.725	10.00
	5260	2.84	3.43	6.16	10.88	/	/	/	10.88
	5280	4.45	4.49	7.48	10.88	/	/	/	10.88
	5320	4.57	4.42	7.51	10.88	/	/	/	10.88
	5500	4.28	5.02	7.68	8.82	/	/	/	8.82
	5580	4.22	4.41	7.33	8.82	/	/	/	8.82
	5700	3.92	4.89	7.44	8.82	/	/	/	8.82
	5720-2C	2.98	4.01	6.54	8.82	/	/	/	8.82
	5720-3	-1.86	-0.47	1.90	28.81	/	/	/	28.81
	5745	0.11	1.55	3.90	28.81	/	/	/	28.81
	5785	-0.03	1.94	4.08	28.81	/	/	/	28.81
	5825	-0.12	1.15	3.57	28.81	/	/	/	28.81
11N40MIMO	5190	-2.96	-1.28	0.97	11.00	/	/	6.683	10.00



	5230	-0.32	0.54	3.14	11.00	/	/	8.854	10.00
	5270	0.76	0.58	3.68	10.88	/	/	/	10.88
	5310	-1.15	-1.33	1.77	10.88	/	/	/	10.88
	5510	-3.41	-3.07	-0.23	8.82	/	/	/	8.82
	5550	0.59	0.69	3.65	8.82	/	/	/	8.82
	5670	0.73	0.63	3.69	8.82	/	/	/	8.82
	5710-2C	0.77	2.01	4.44	8.82	/	/	/	8.82
	5710-3	-5.30	-4.80	-2.03	28.81	/	/	/	28.81
	5755	-2.75	-1.59	0.88	28.81	/	/	/	28.81
	5795	-2.94	-1.40	0.91	28.81	/	/	/	28.81
11AC80MIMO	5210	-4.13	-2.57	-0.27	11.00	/	/	5.442	10.00
	5290	-4.78	-4.28	-1.51	10.88	/	/	/	10.88
	5530	-6.43	-6.26	-3.33	8.82	/	/	/	8.82
	5610	-3.71	-3.48	-0.58	8.82	/	/	/	8.82
	5690-2C	-4.46	-4.14	-1.29	8.82	/	/	/	8.82
	5690-3	-10.63	-8.97	-6.71	28.81	/	/	/	28.81
	5775	-7.79	-6.88	-4.30	28.81	/	/	/	28.81

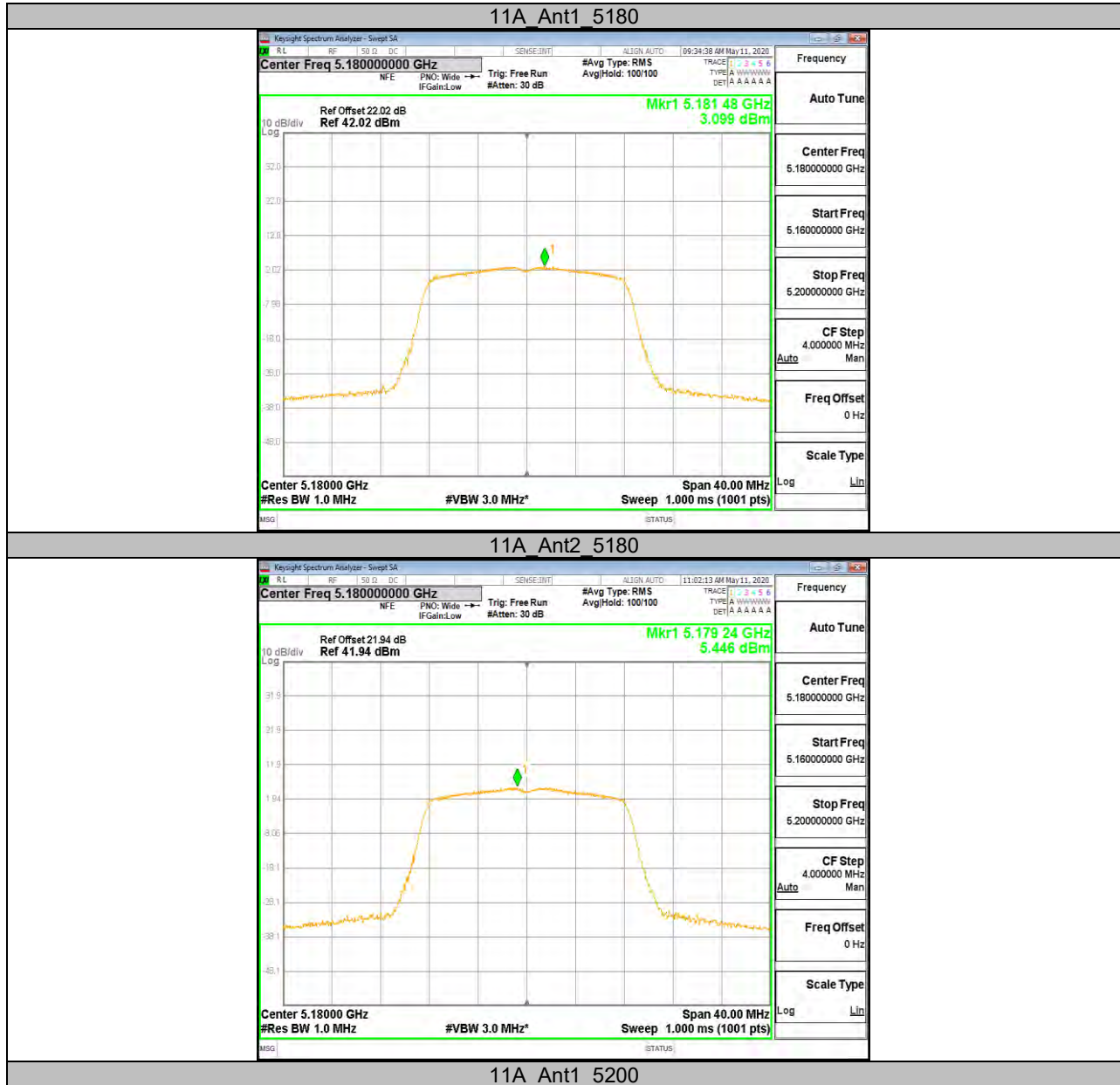
Note : 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

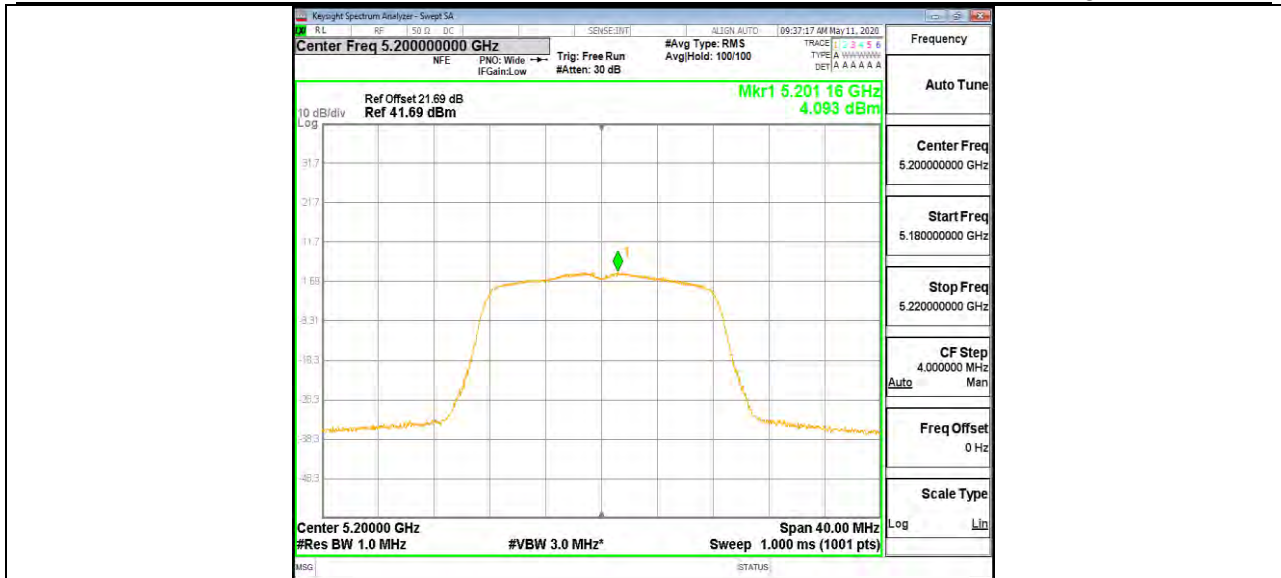
Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.





### 13.5.2. Test Graphs





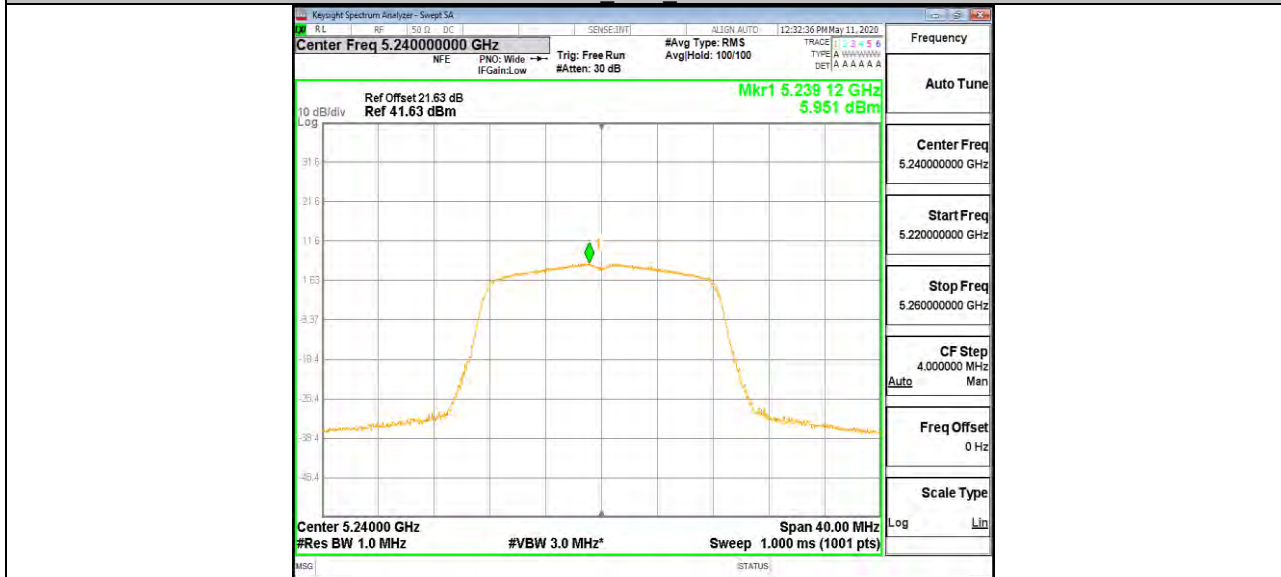
11A Ant2 5200



11A Ant1 5240



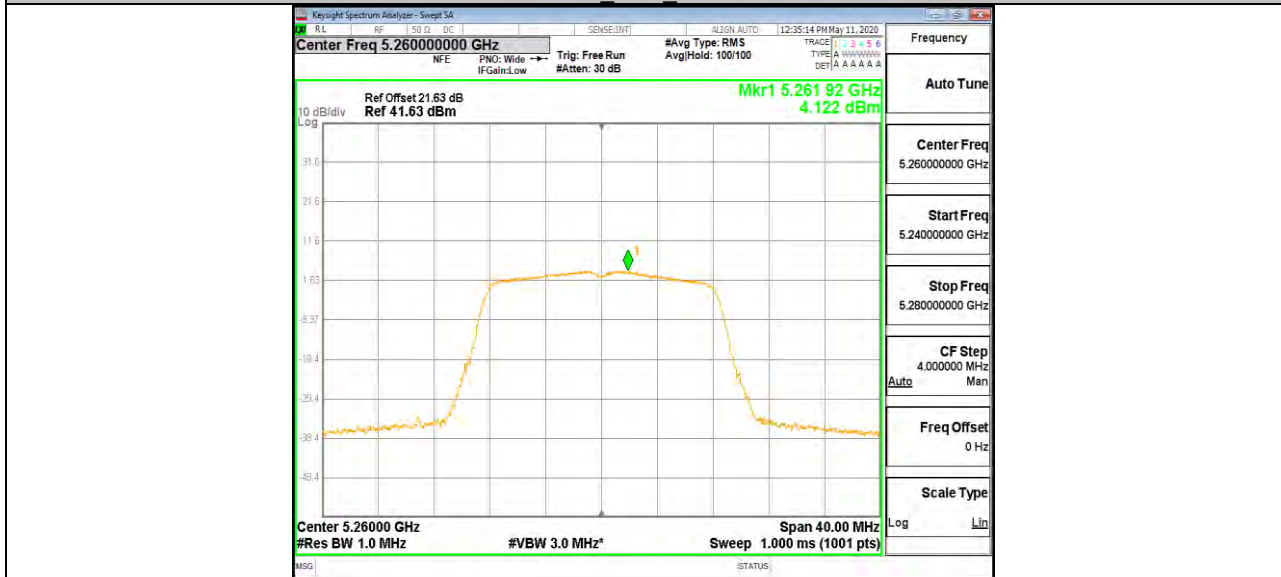
11A Ant2 5240



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

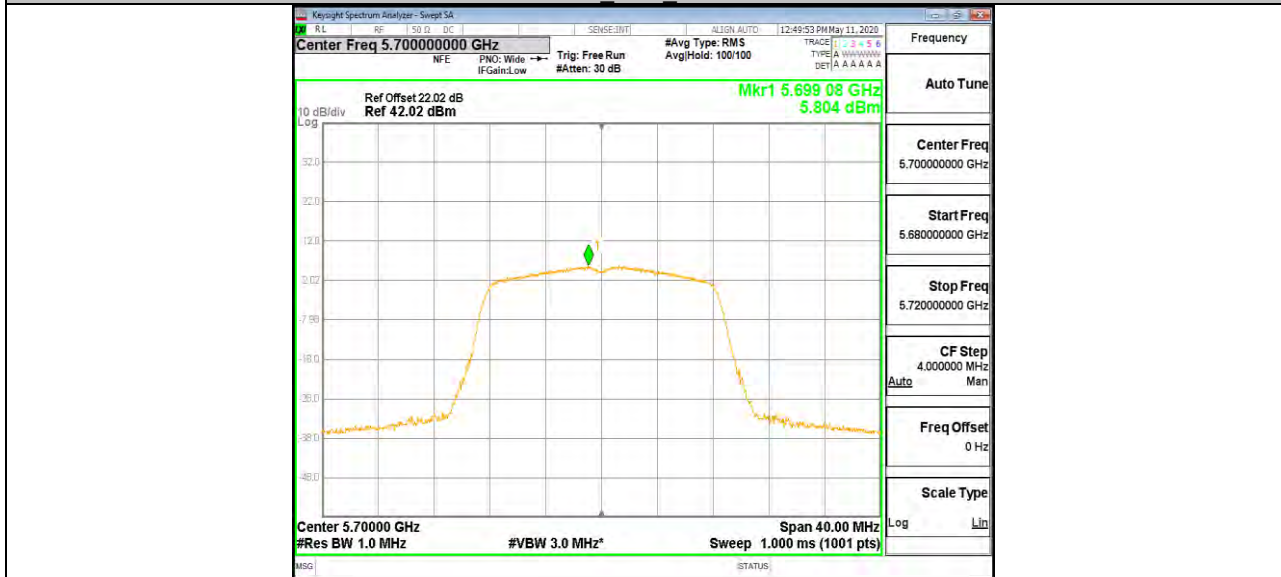


11A Ant1 5700

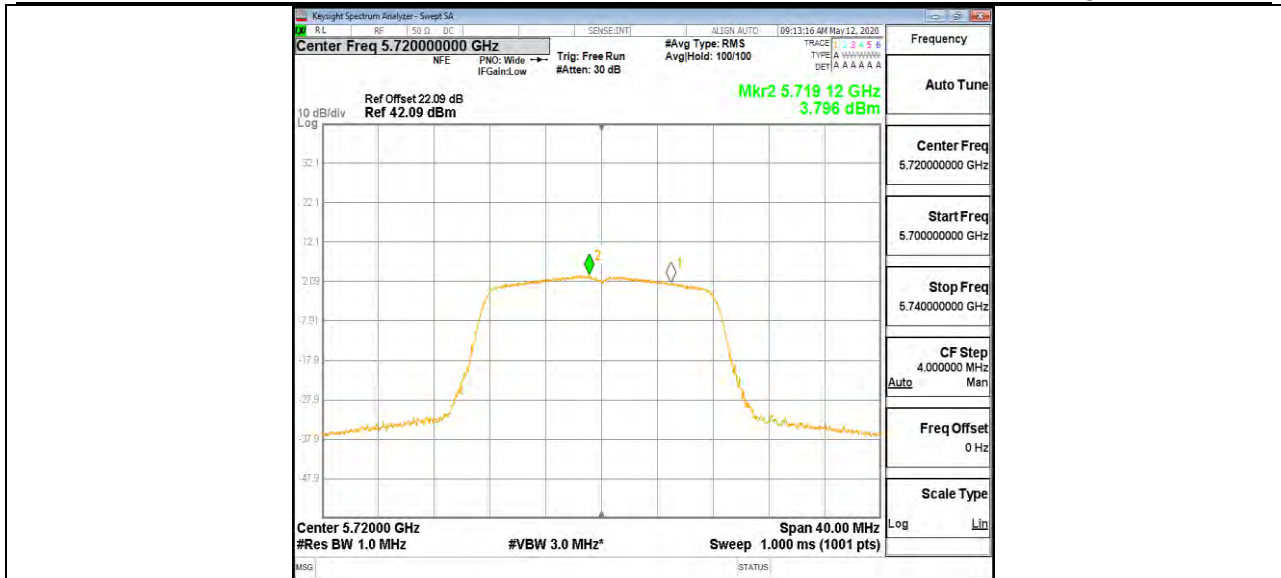


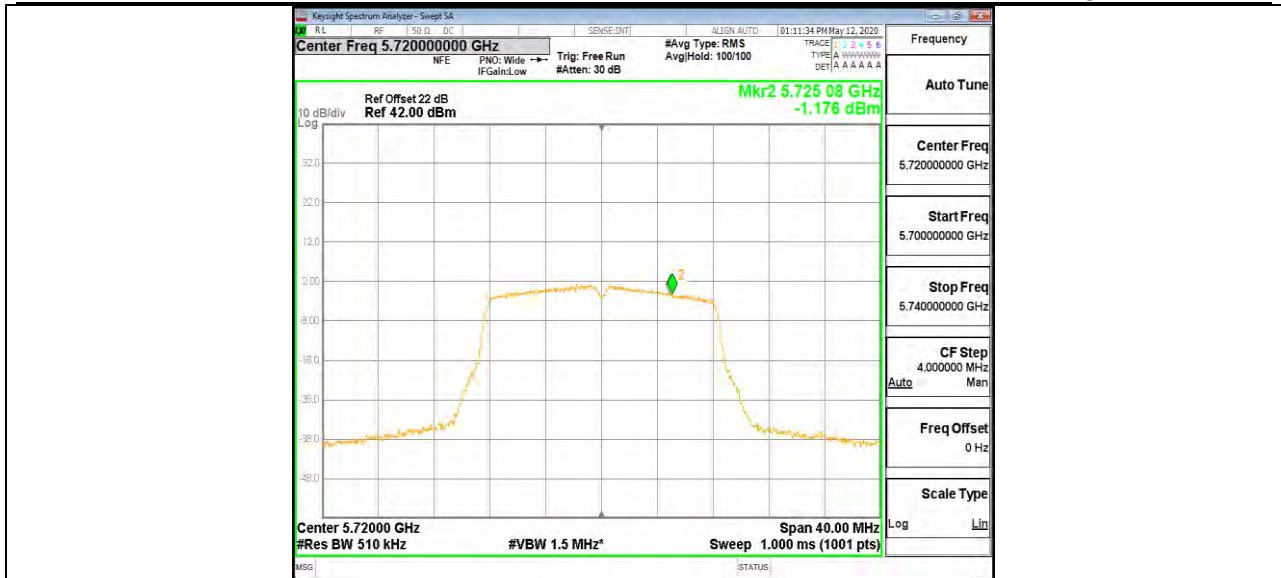


11A Ant2 5700



11A Ant1 5720 UNII-2C





11A Ant2 5720 UNII-3



11A Ant1 5745



11A Ant2 5745



11A Ant1 5785



11A Ant2 5785



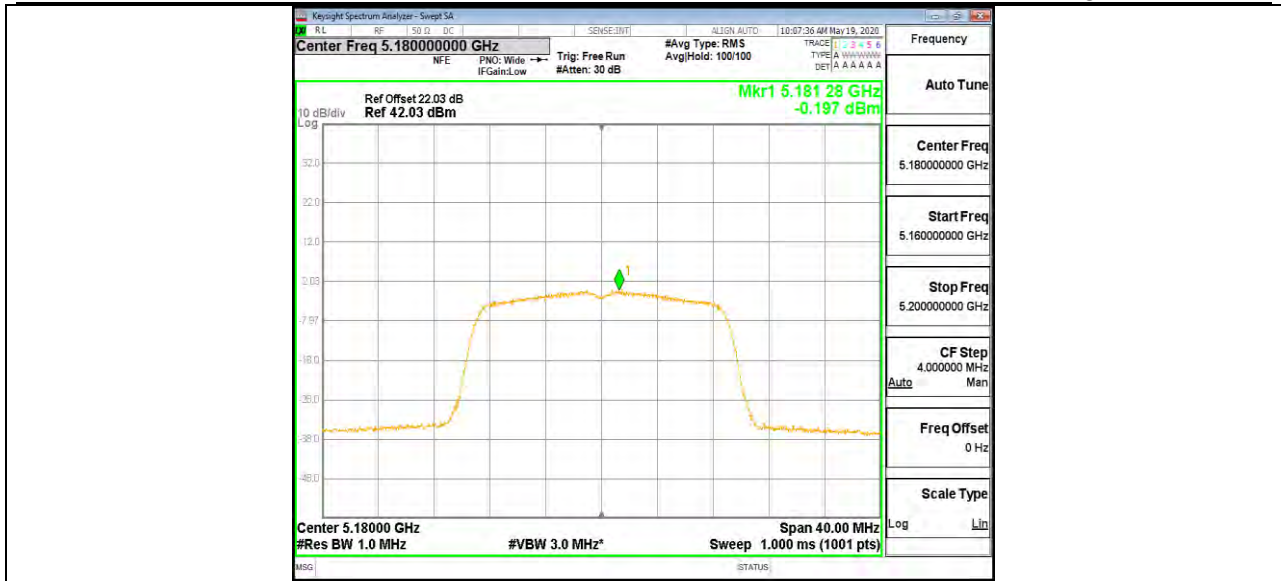
11A Ant1 5825



11A Ant2 5825



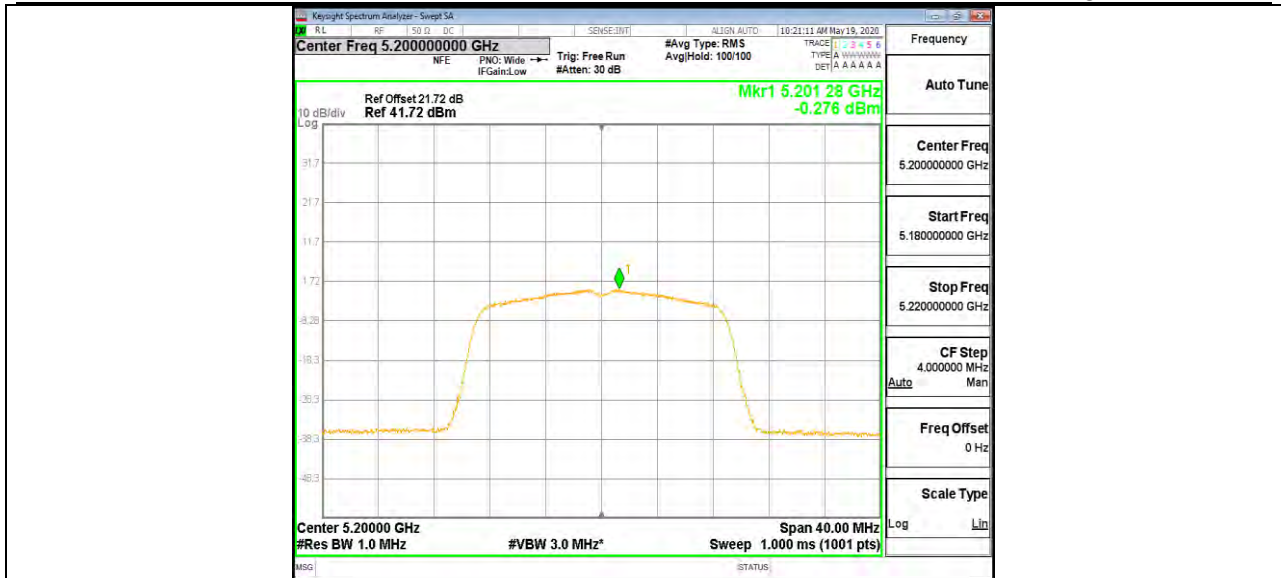
11N20MIMO Ant1 5180



11N20MIMO Ant2 5180



11N20MIMO Ant1 5200

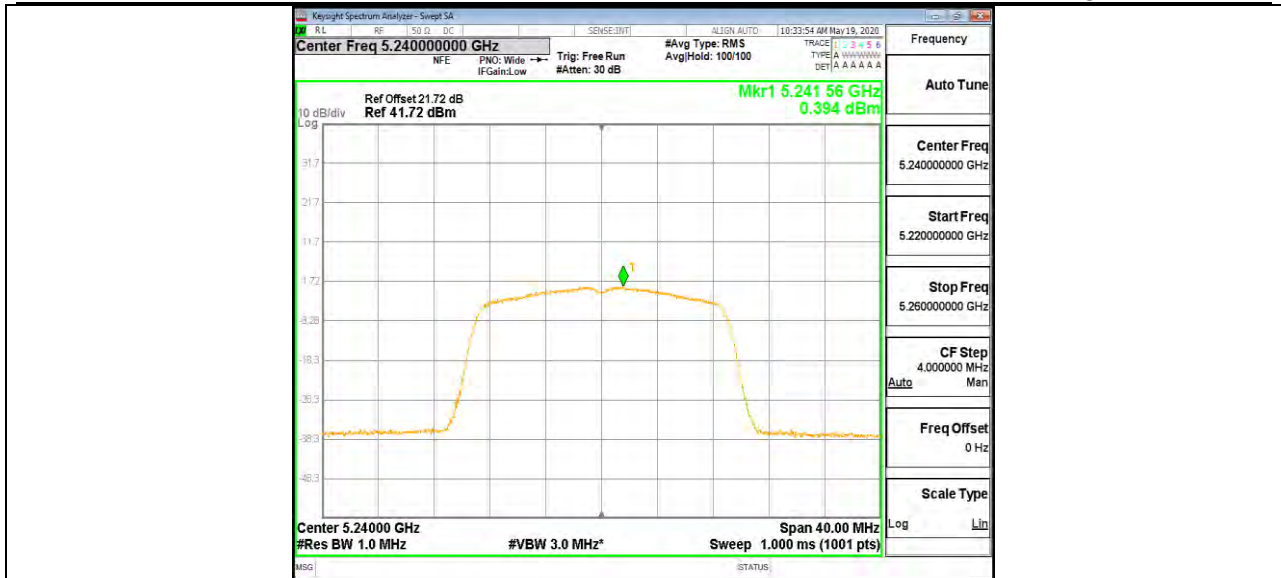


11N20MIMO Ant2 5200



11N20MIMO Ant1 5240

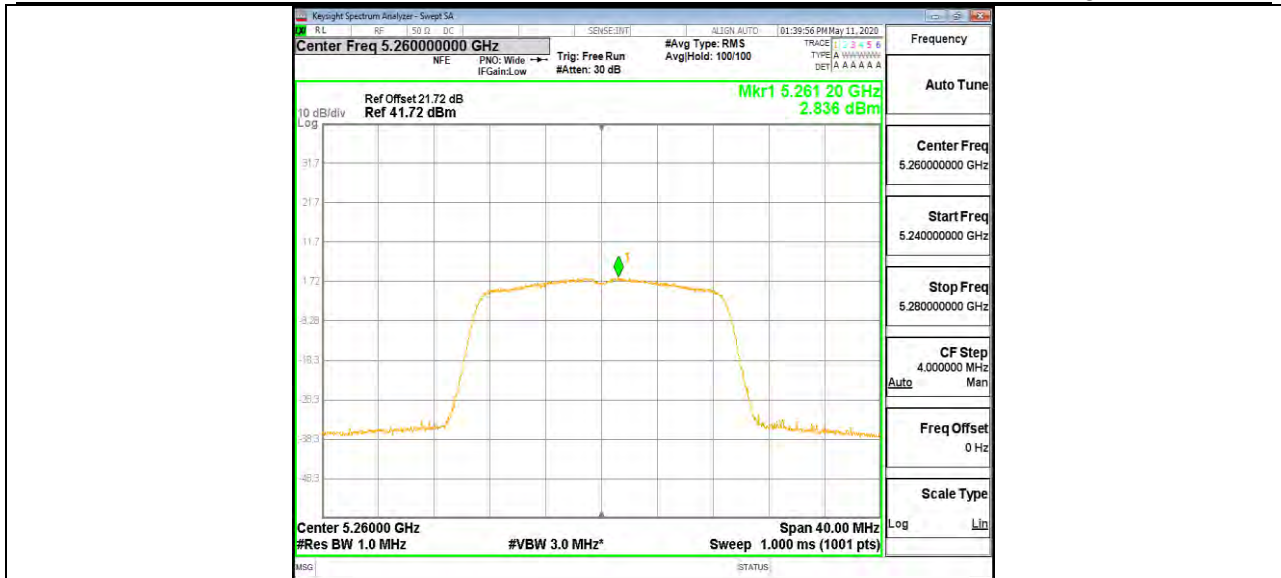




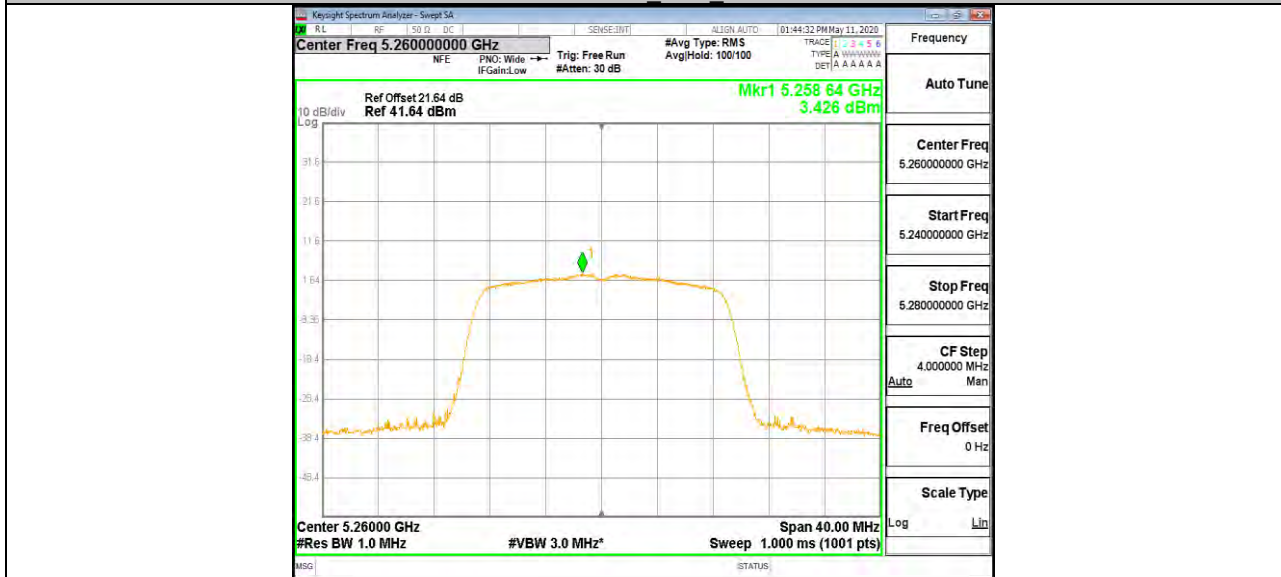
11N20MIMO Ant2 5240



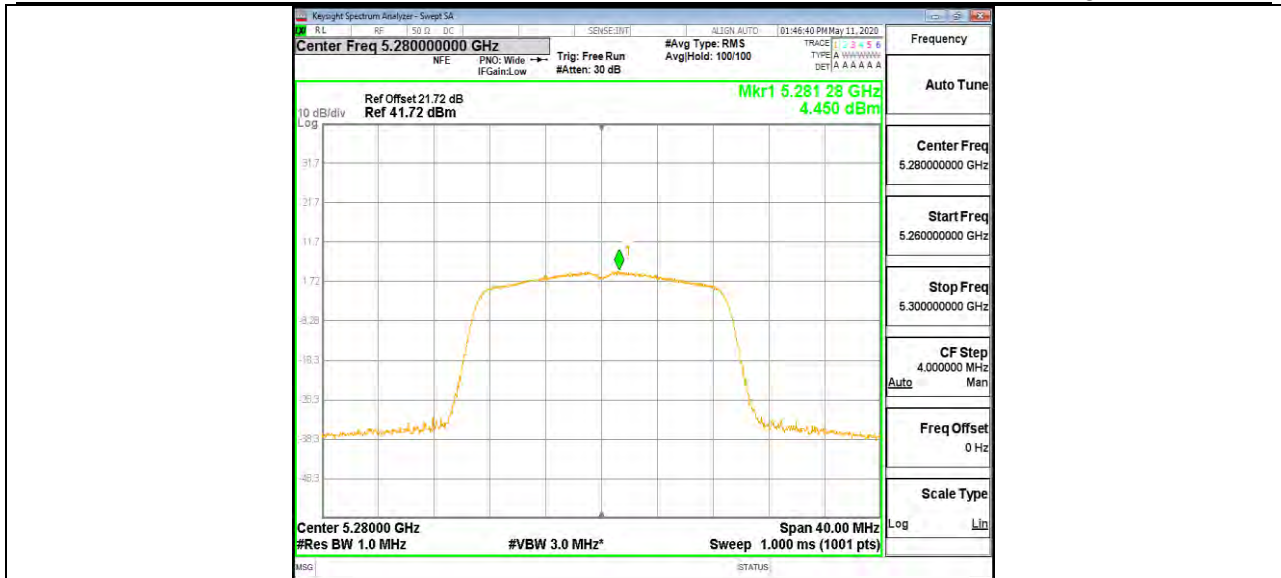
11N20MIMO Ant1 5260



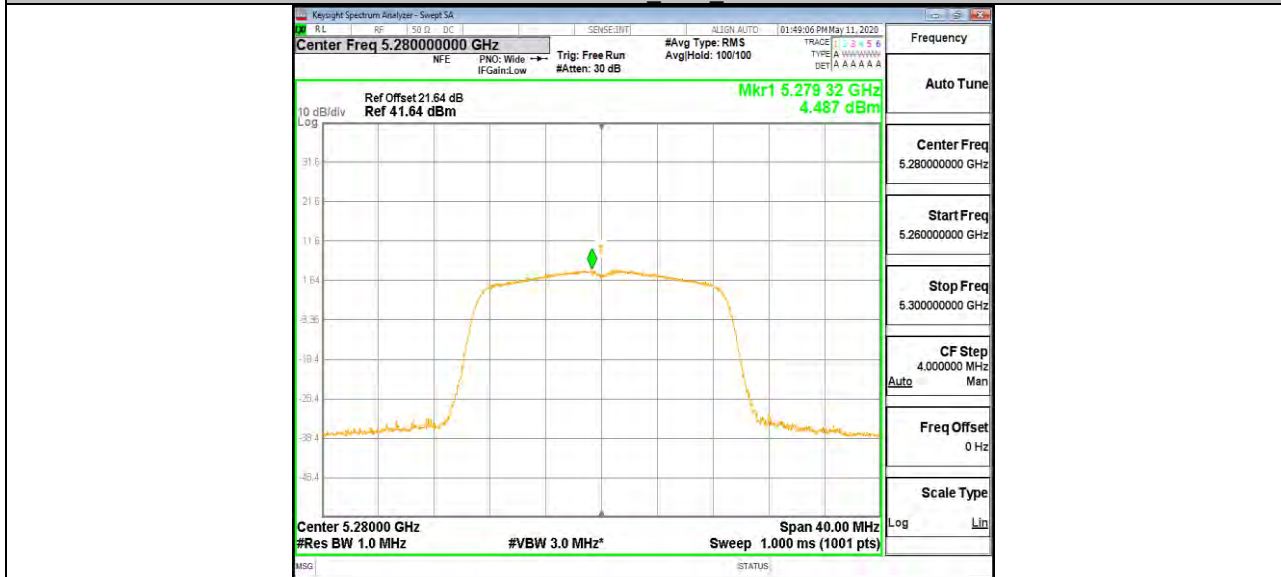
11N20MIMO Ant2 5260



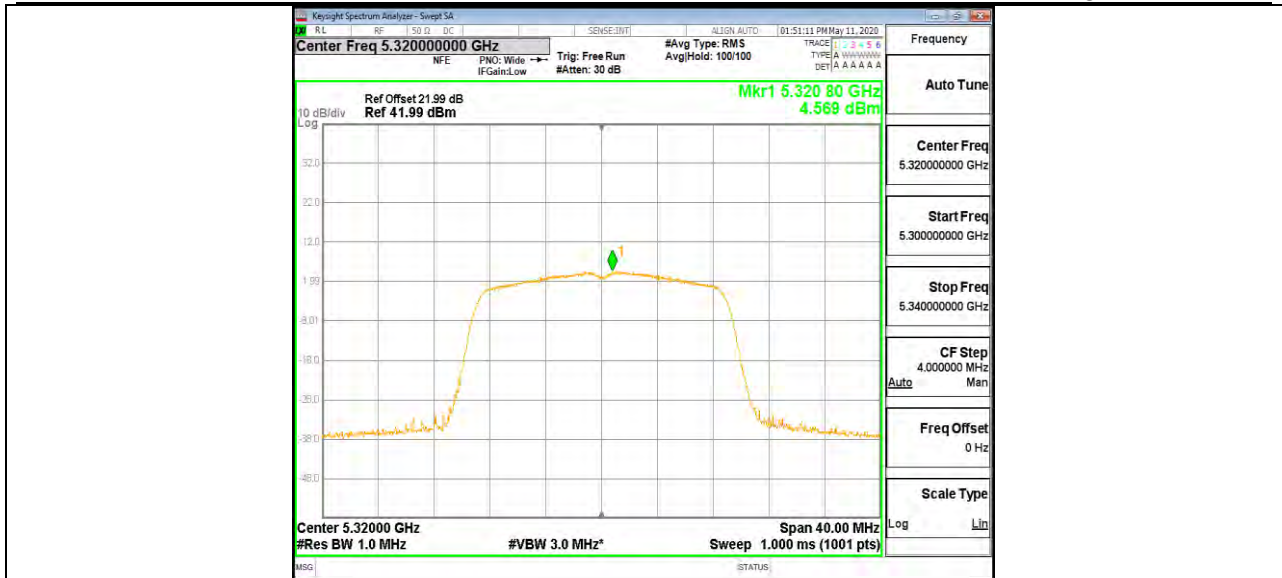
11N20MIMO Ant1 5280



11N20MIMO Ant2 5280



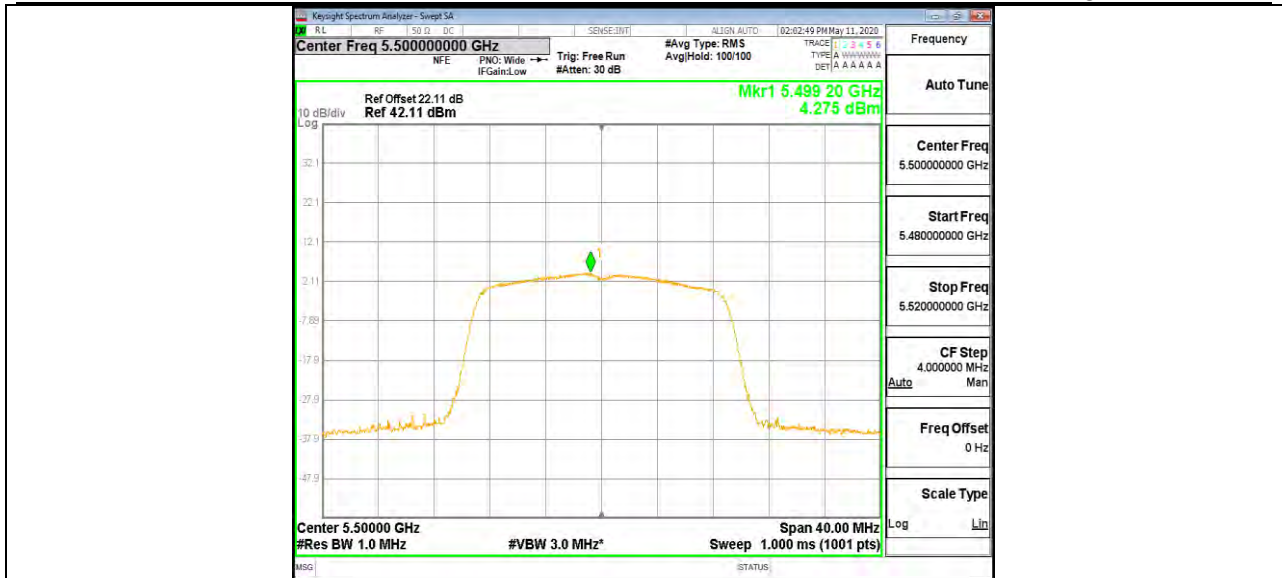
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11N20MIMO Ant2 5320



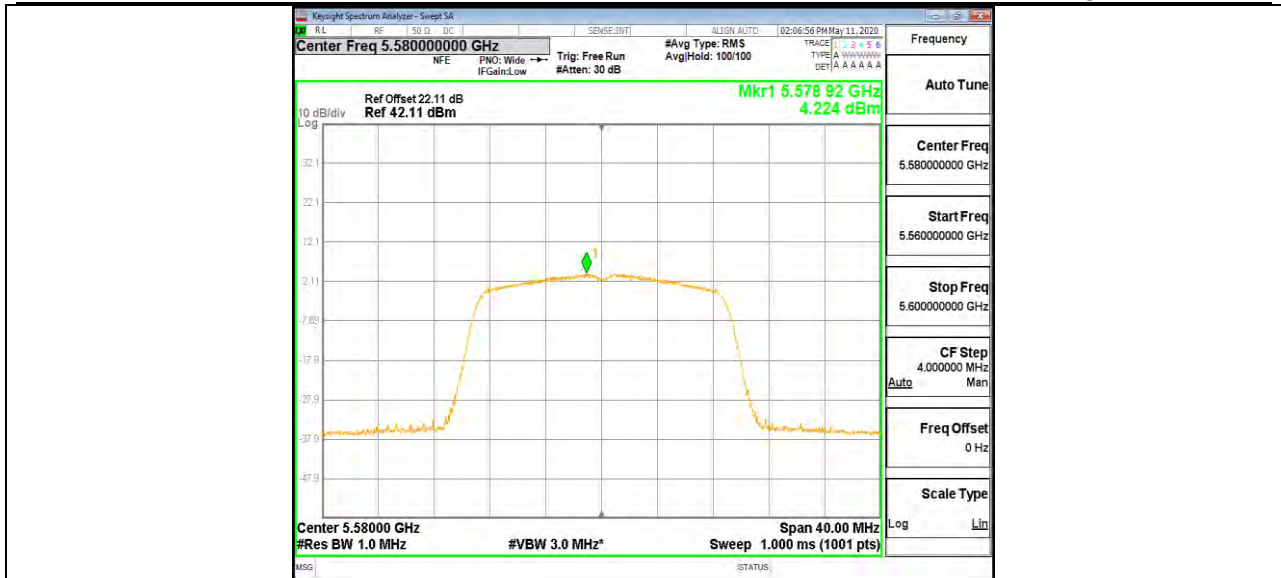
11N20MIMO Ant1 5500



11N20MIMO Ant2 5500



11N20MIMO Ant1 5580



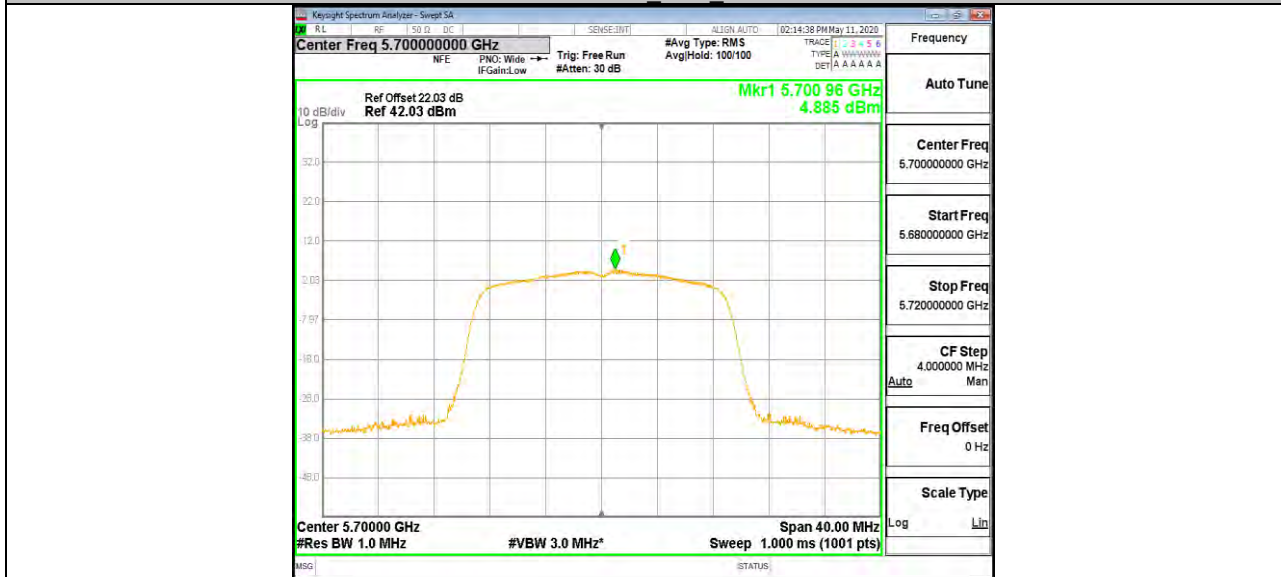
11N20MIMO Ant2 5580



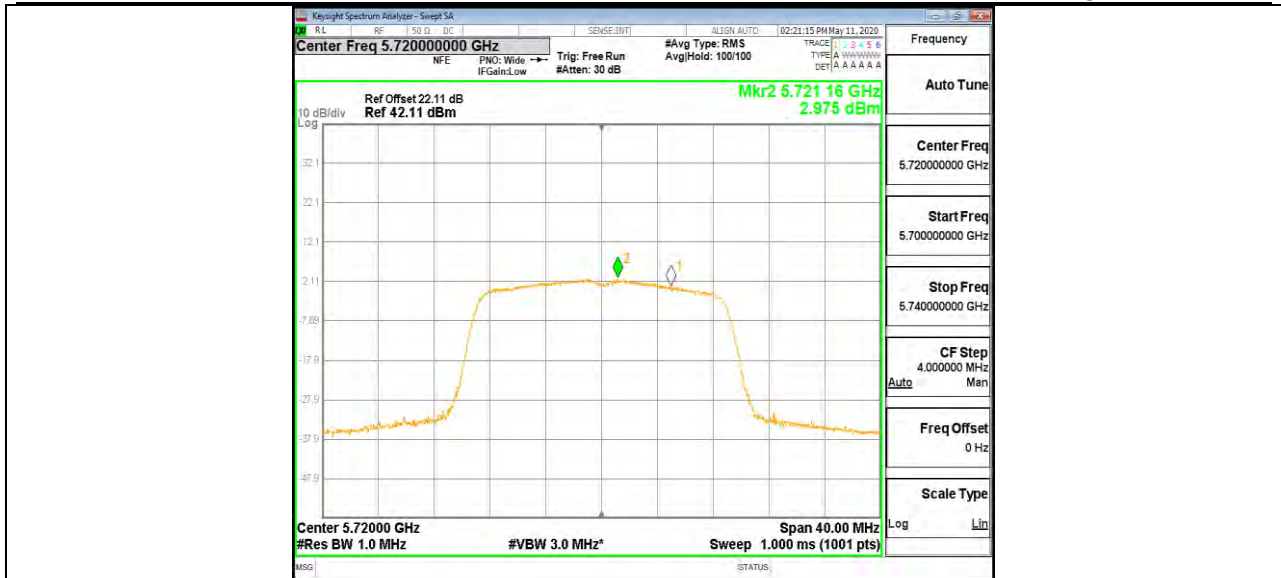
11N20MIMO Ant1 5700



11N20MIMO Ant2 5700



11N20MIMO Ant1 5720 UNII-2C



11N20MIMO Ant2 5720 UNII-2C



11N20MIMO Ant1 5720 UNII-3