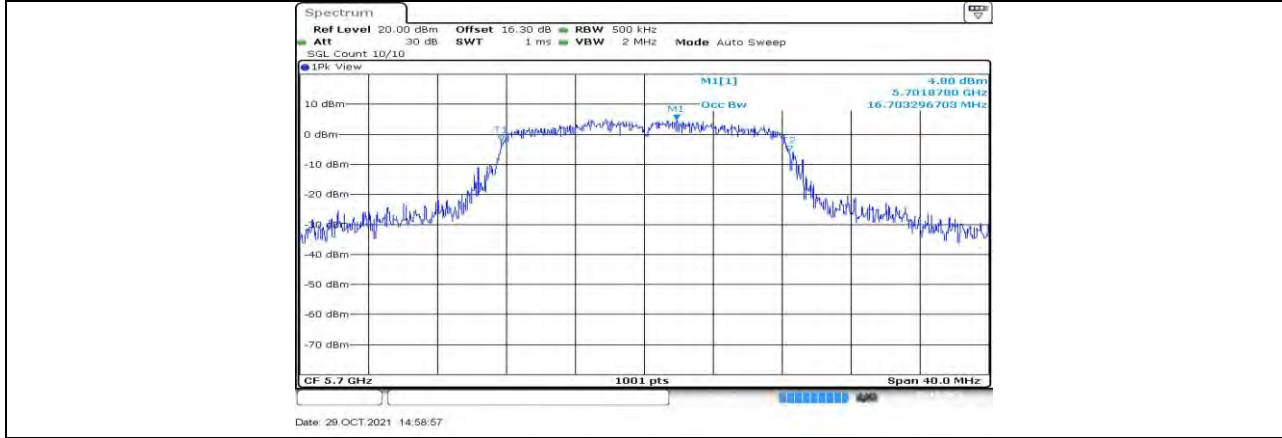


11A Ant2 5580



11A Ant1 5700



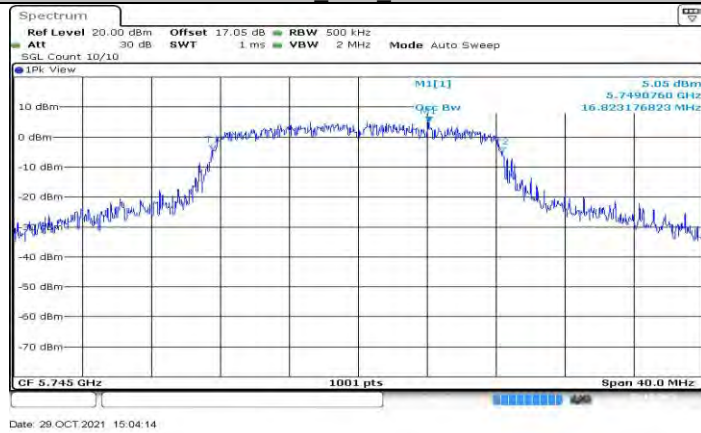
11A Ant2 5700



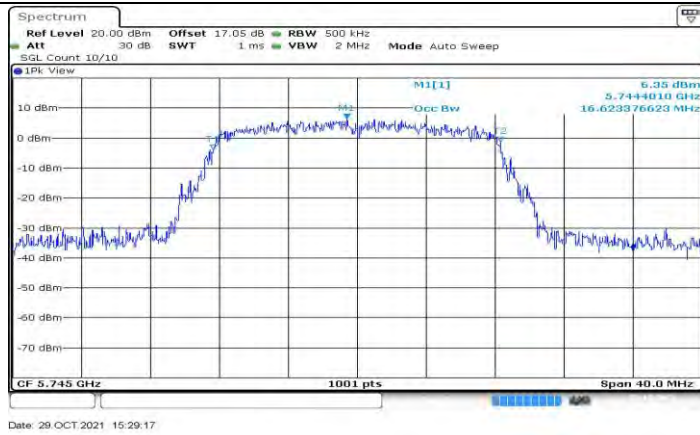
11A Ant1 5720



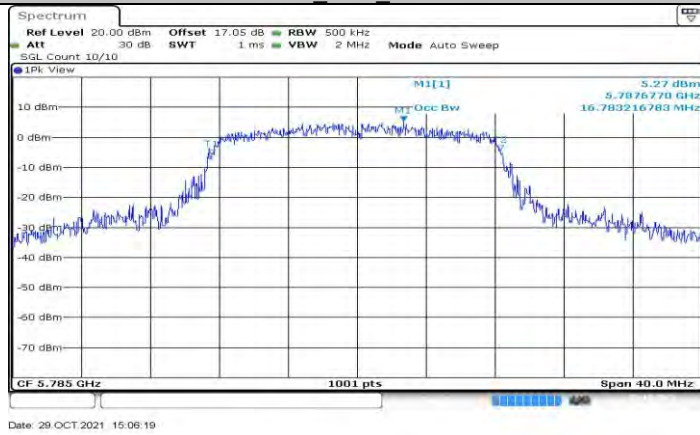
11A Ant2 5720



11A Ant1 5745



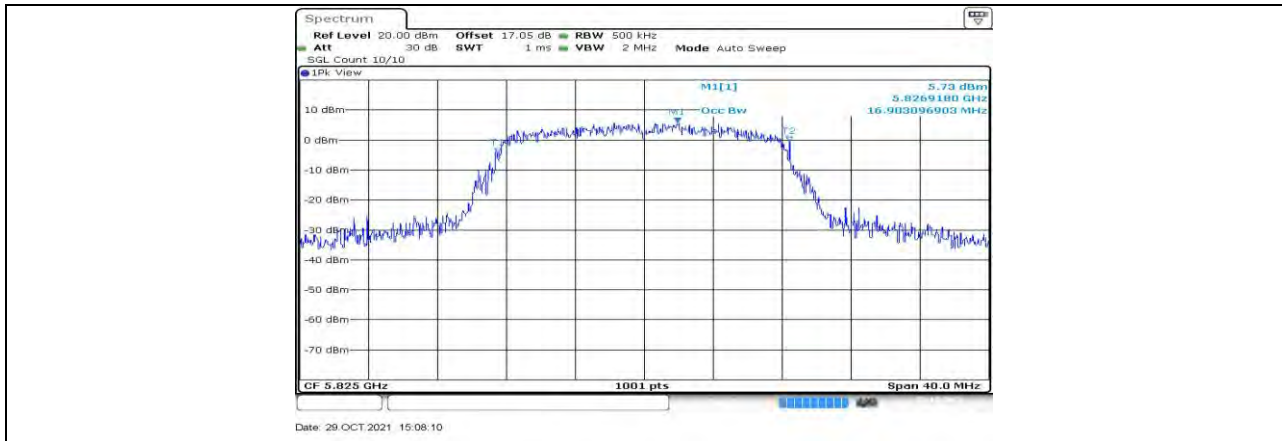
11A\_Ant2\_5745



11A\_Ant1\_5785



11A\_Ant2\_5785



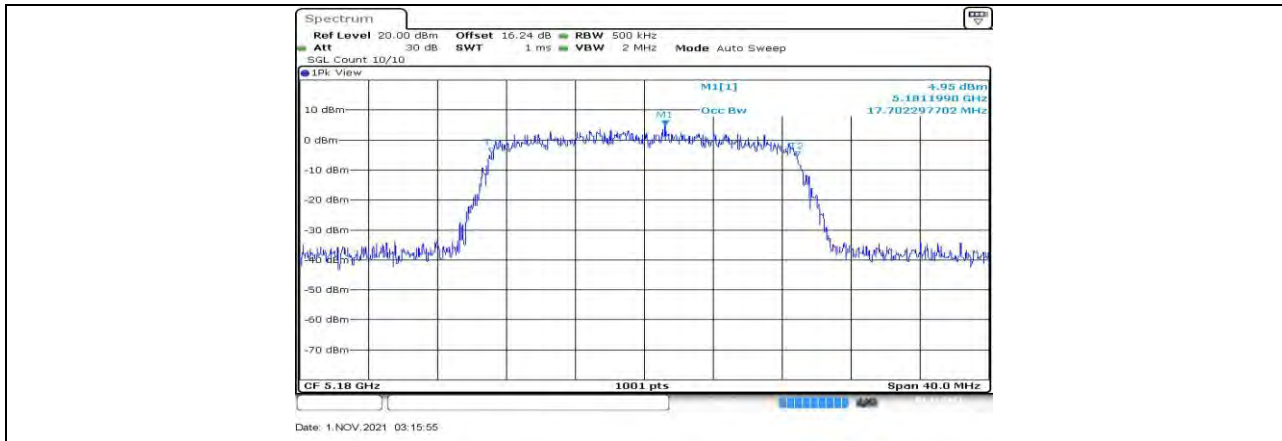
11A Ant1 5825



11A Ant2 5825



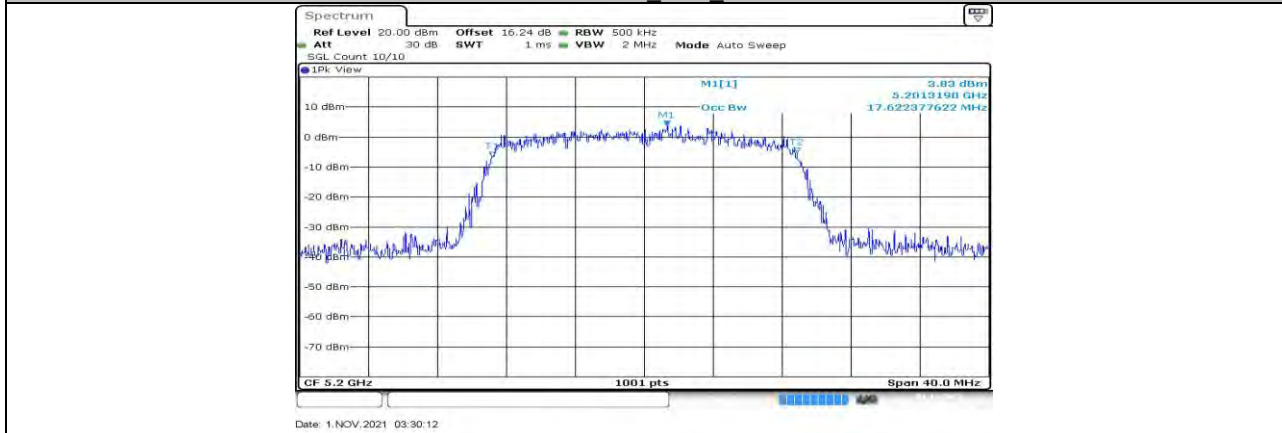
11N20MIMO Ant1 5180



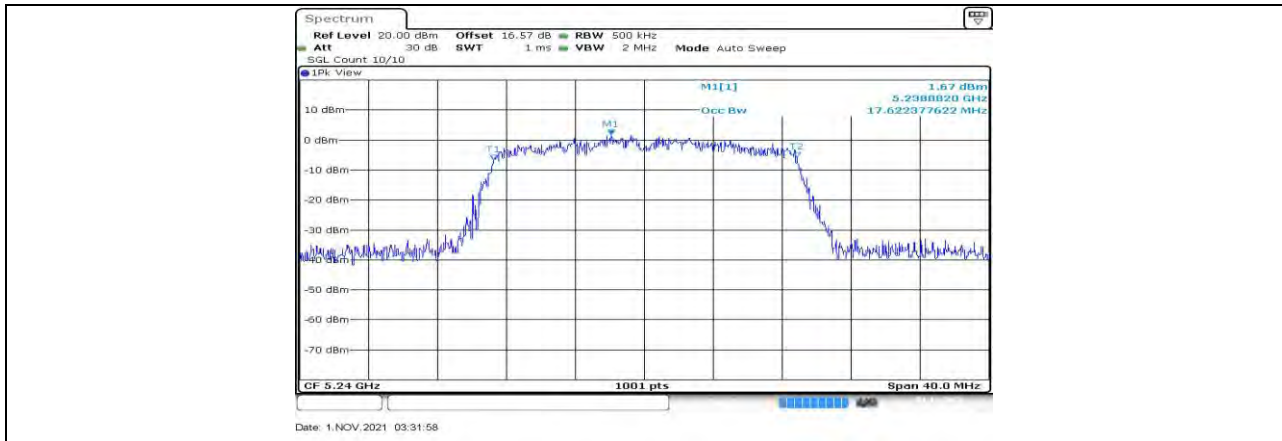
11N20MIMO Ant2 5180



11N20MIMO Ant1 5200



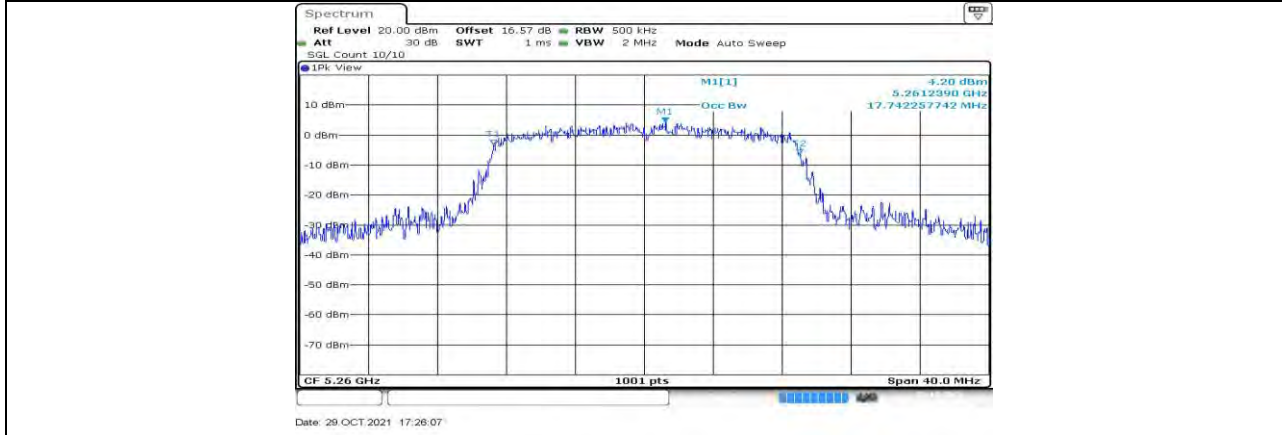
11N20MIMO Ant2 5200



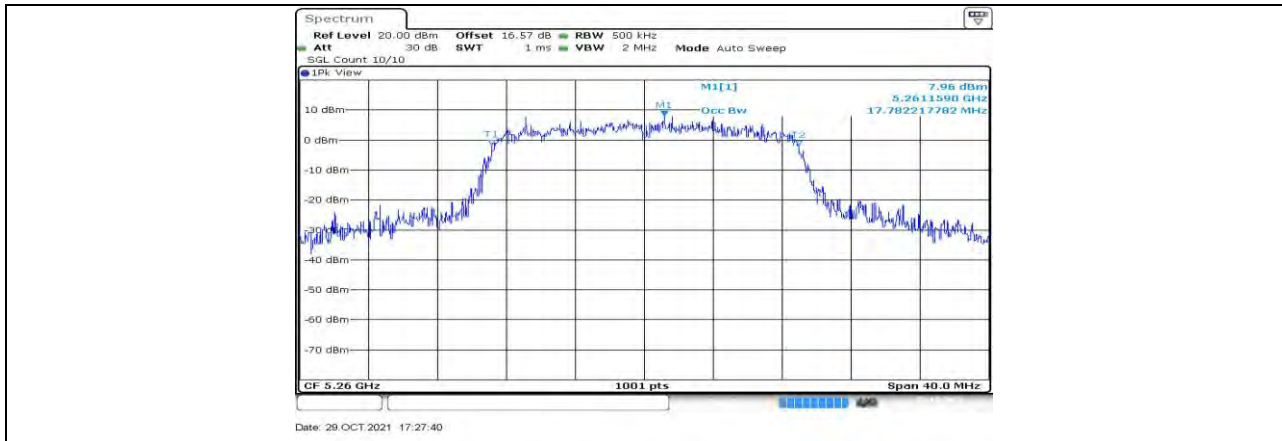
11N20MIMO Ant1 5240



11N20MIMO Ant2 5240



11N20MIMO Ant1 5260



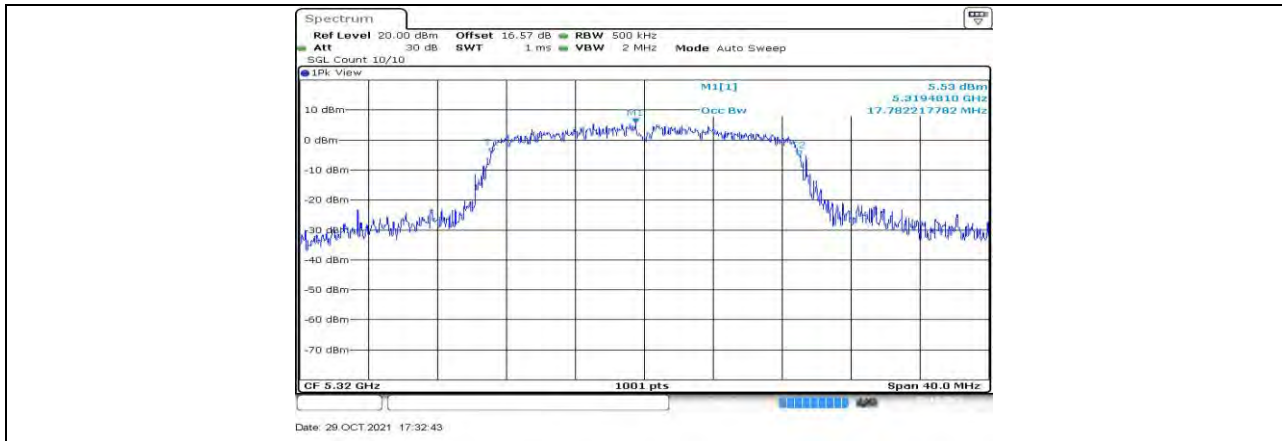
11N20MIMO Ant2 5260



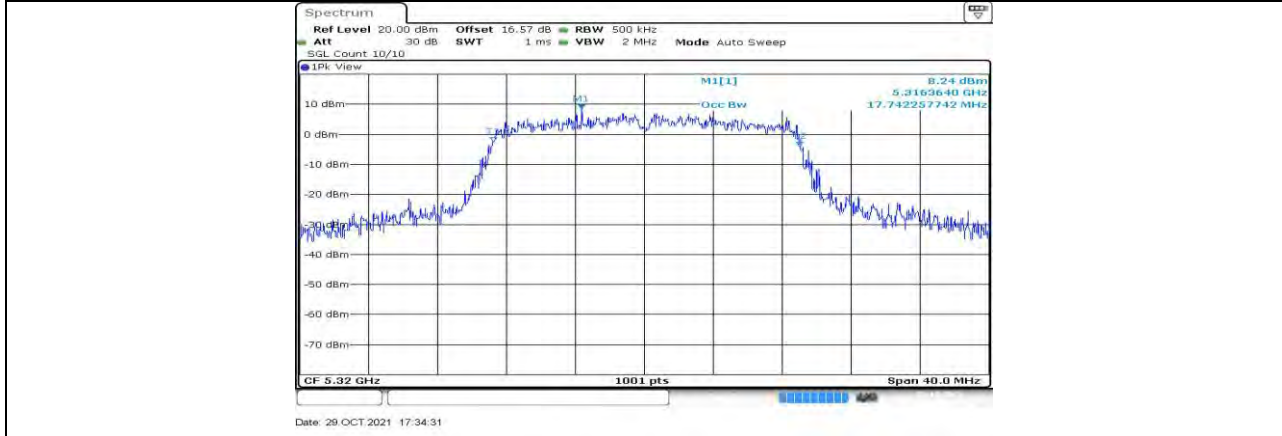
11N20MIMO Ant1 5280



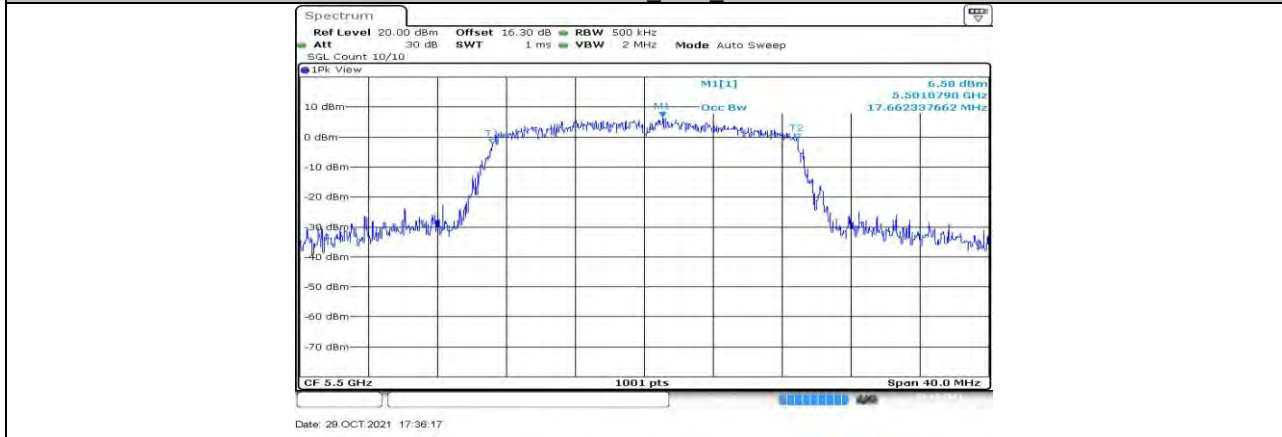
11N20MIMO Ant2 5280



11N20MIMO Ant1 5320

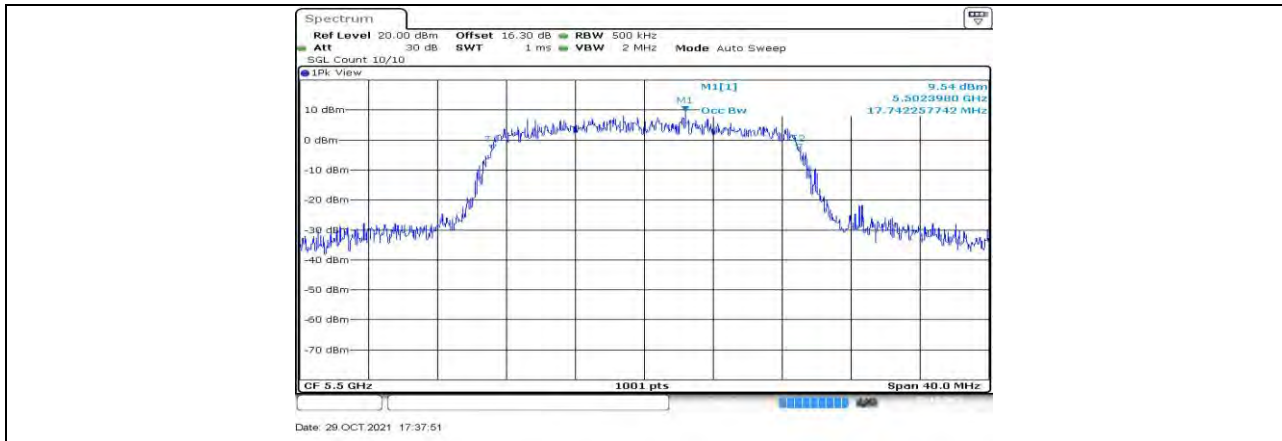


11N20MIMO Ant2 5320

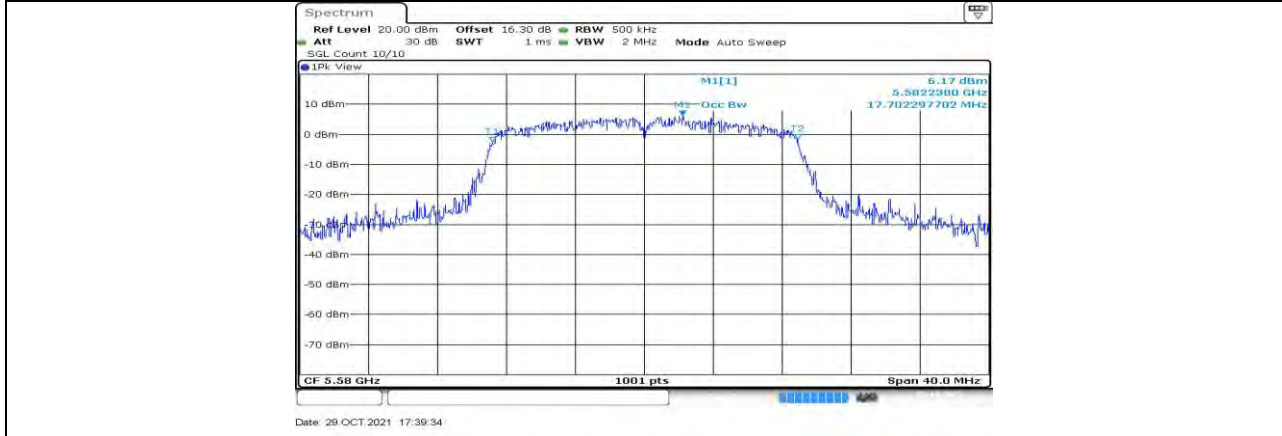


11N20MIMO Ant1 5500

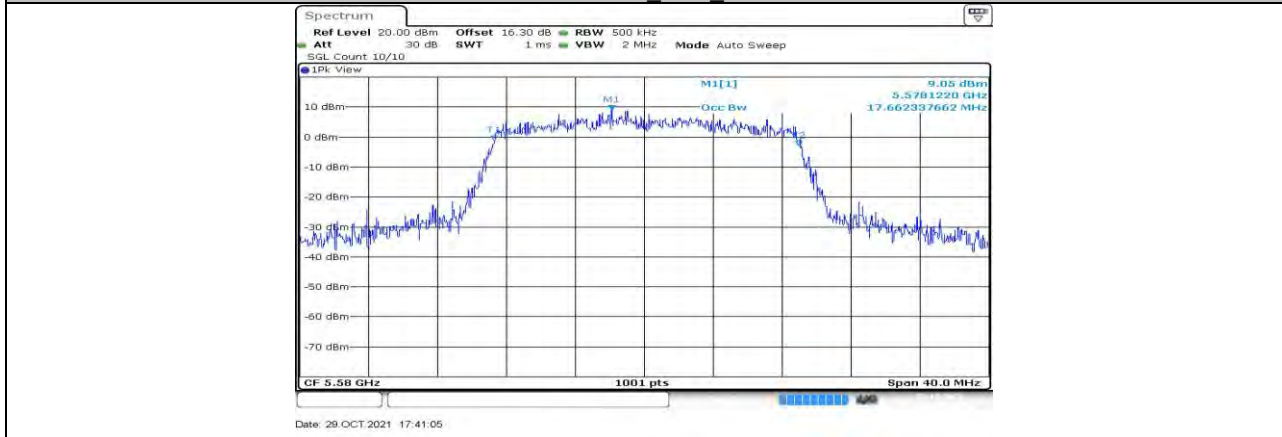




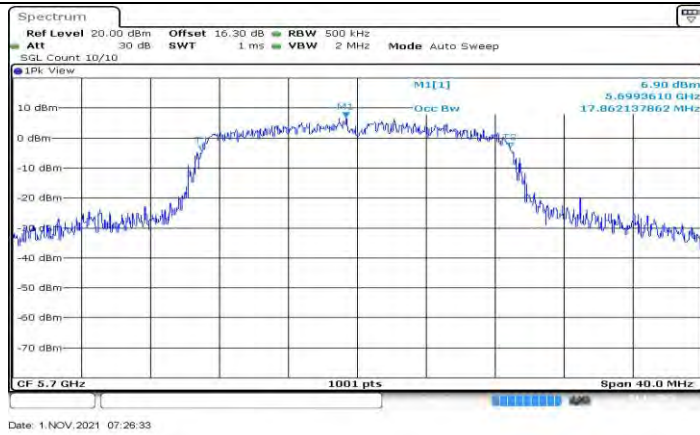
11N20MIMO Ant2 5500



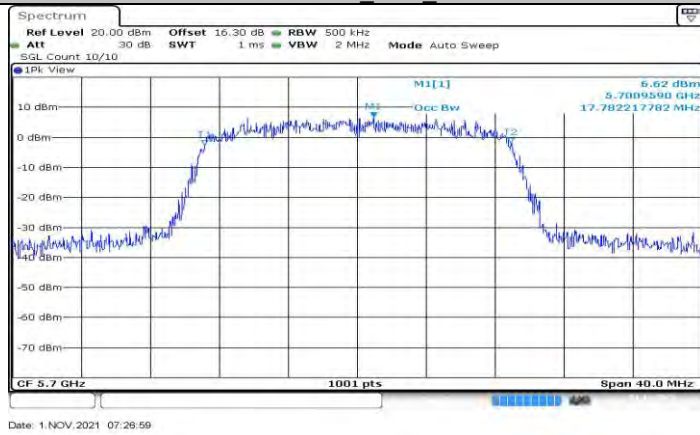
11N20MIMO Ant1 5580



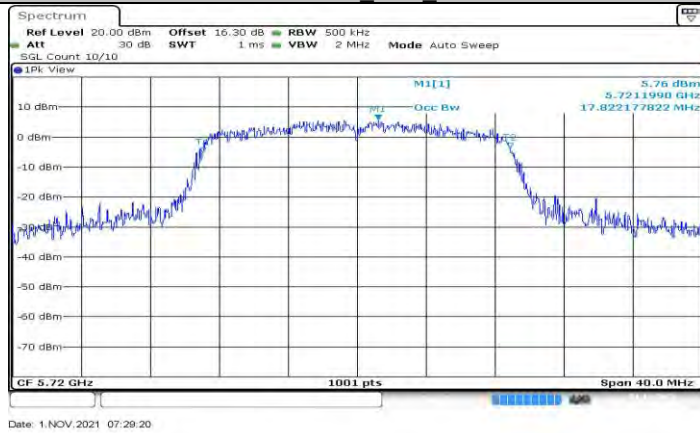
11N20MIMO Ant2 5580



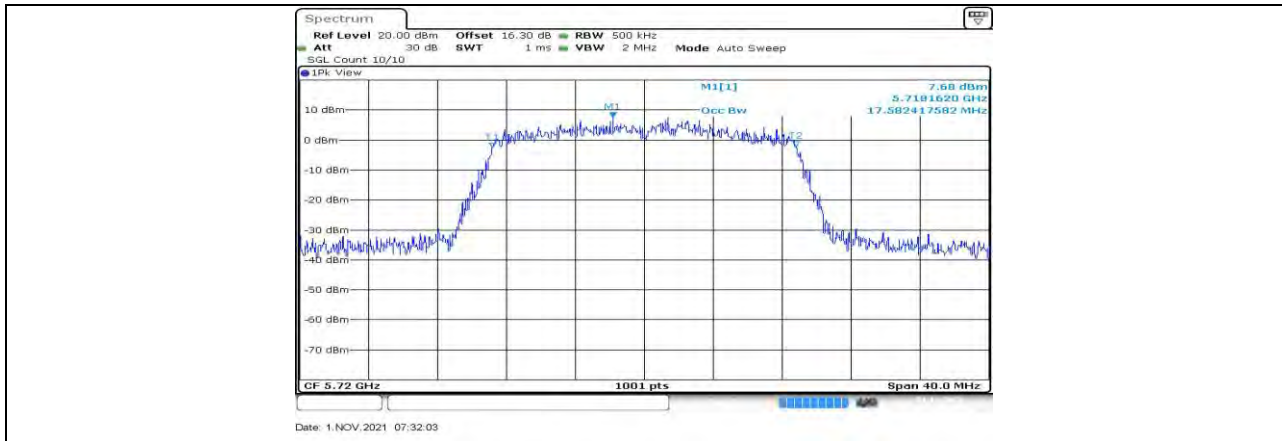
11N20MIMO Ant1 5700



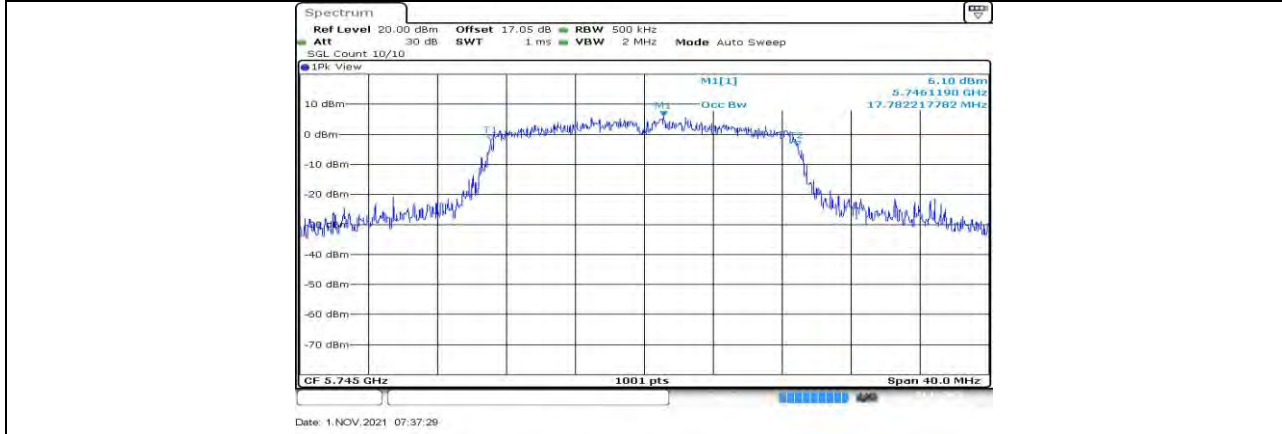
11N20MIMO Ant2 5700



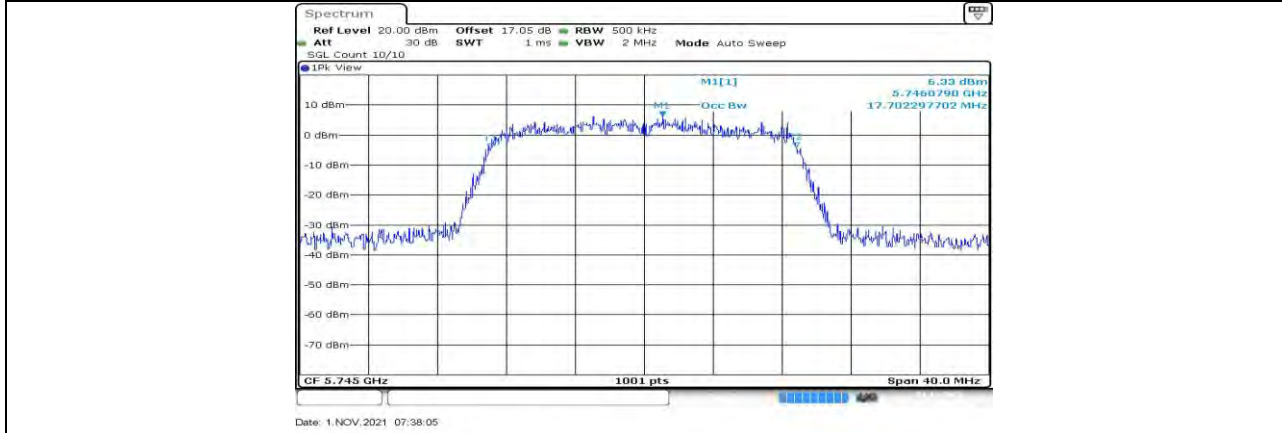
11N20MIMO Ant1 5720



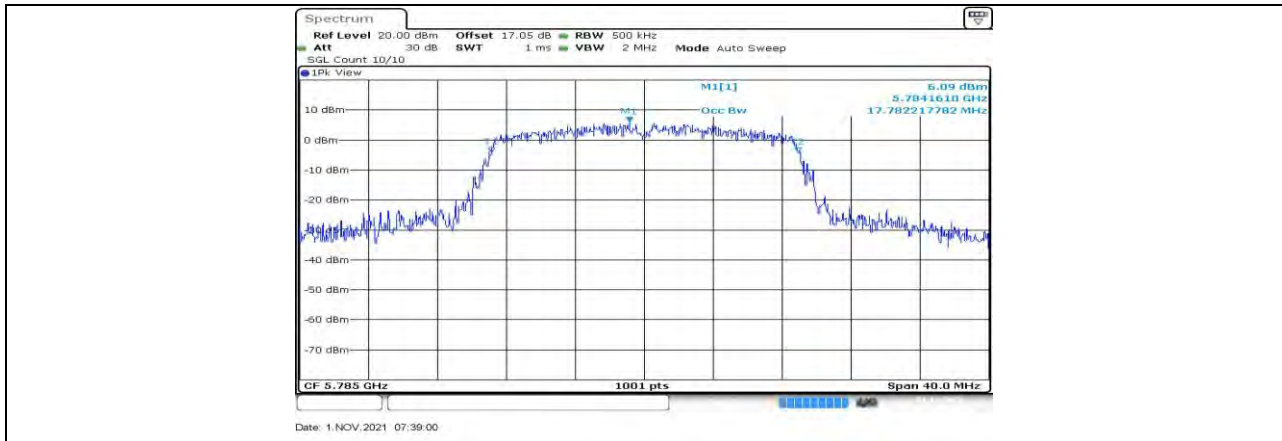
11N20MIMO Ant2 5720



11N20MIMO Ant1 5745



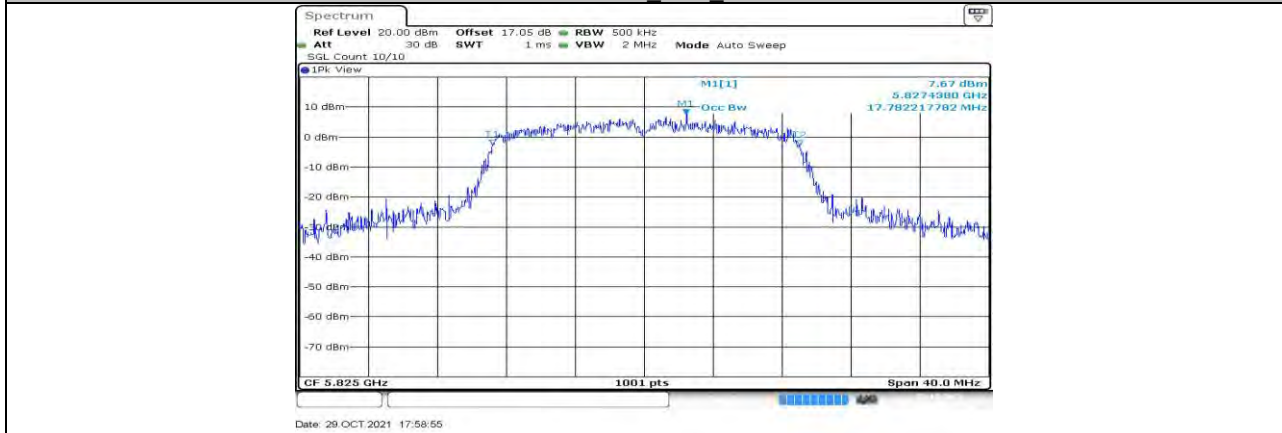
11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



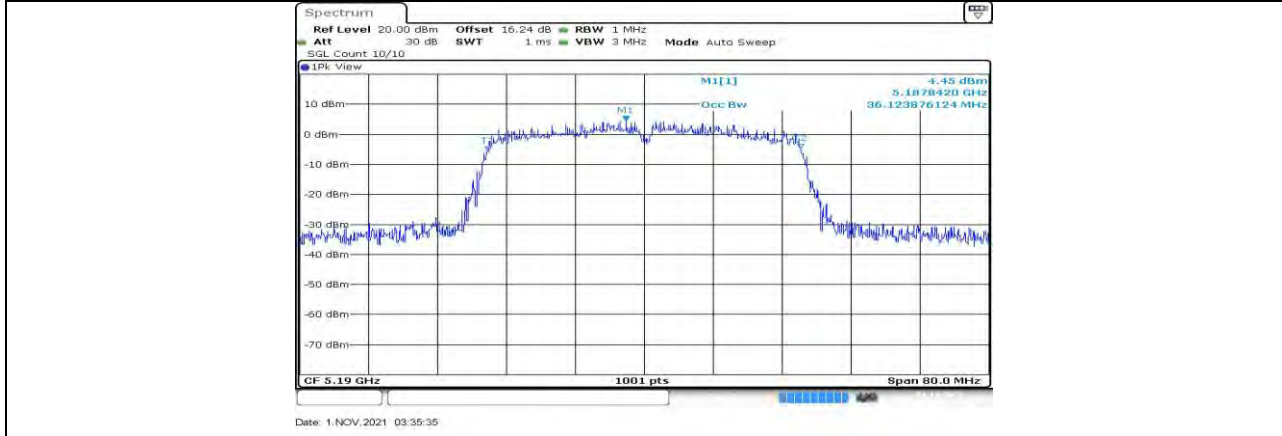
11N20MIMO Ant2 5785



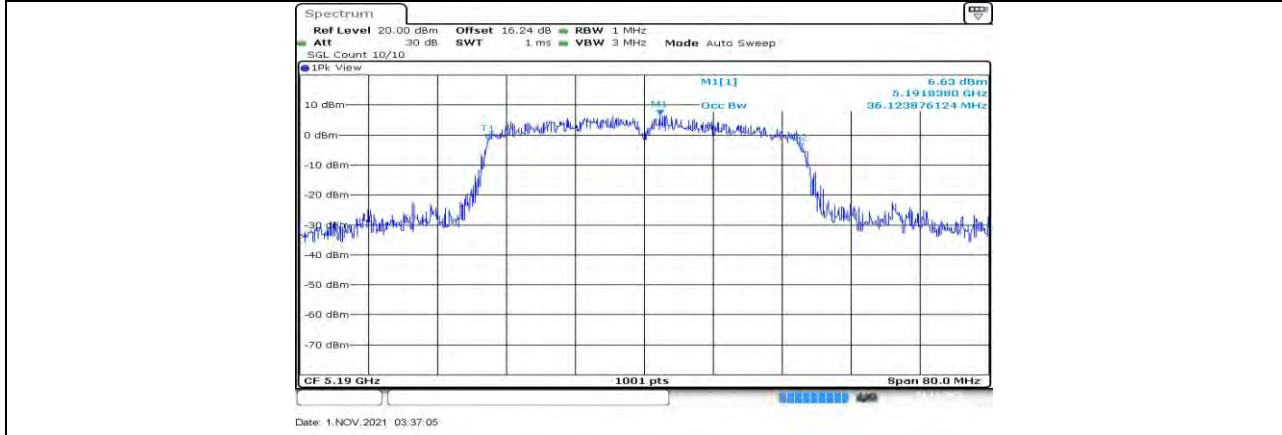
11N20MIMO Ant1 5825



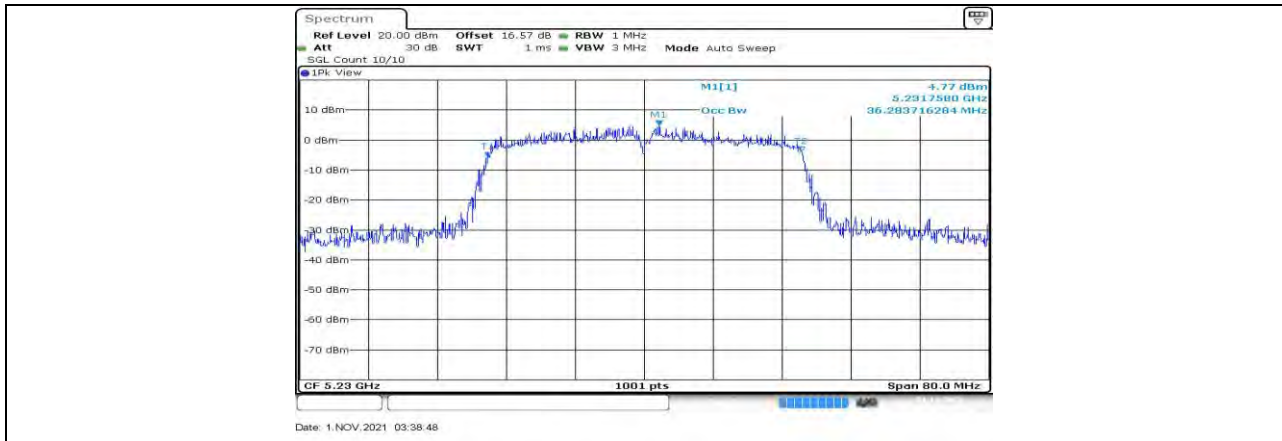
11N20MIMO Ant2 5825



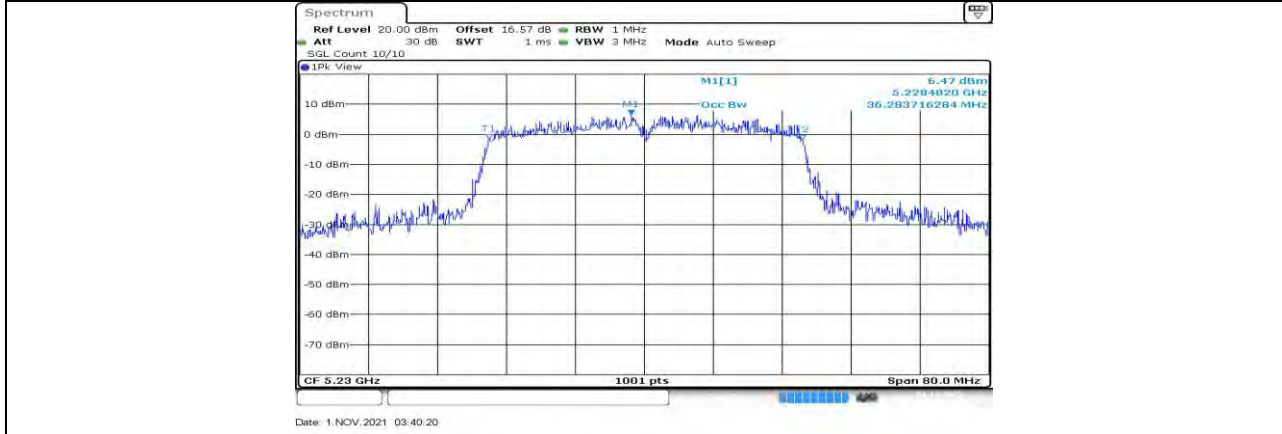
11N40MIMO Ant1 5190



11N40MIMO Ant2 5190



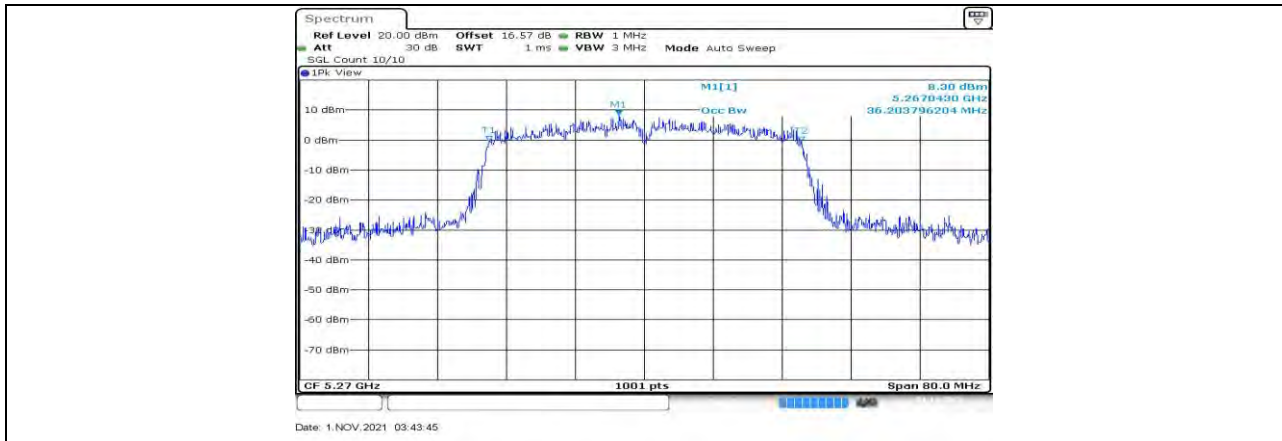
11N40MIMO Ant1 5230



11N40MIMO Ant2 5230



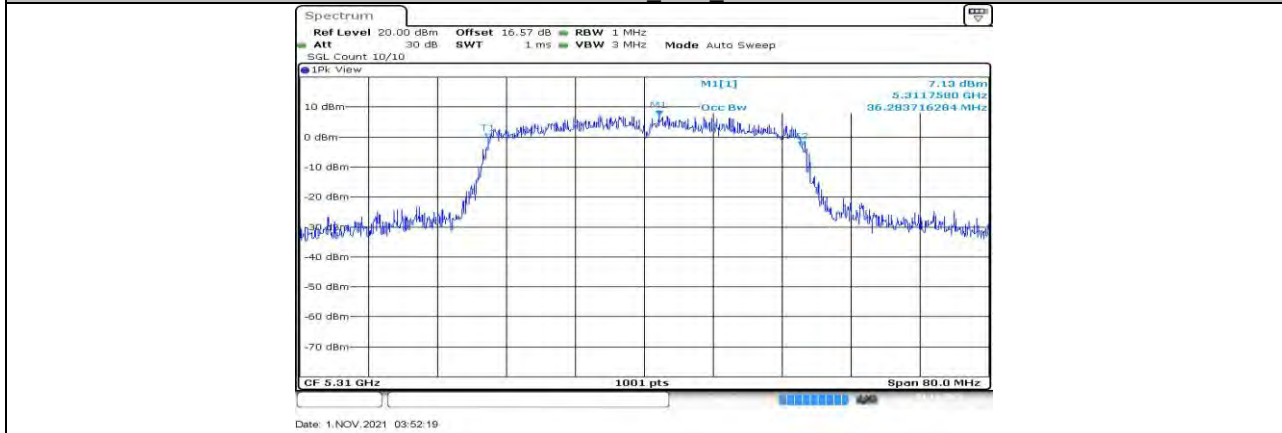
11N40MIMO Ant1 5270



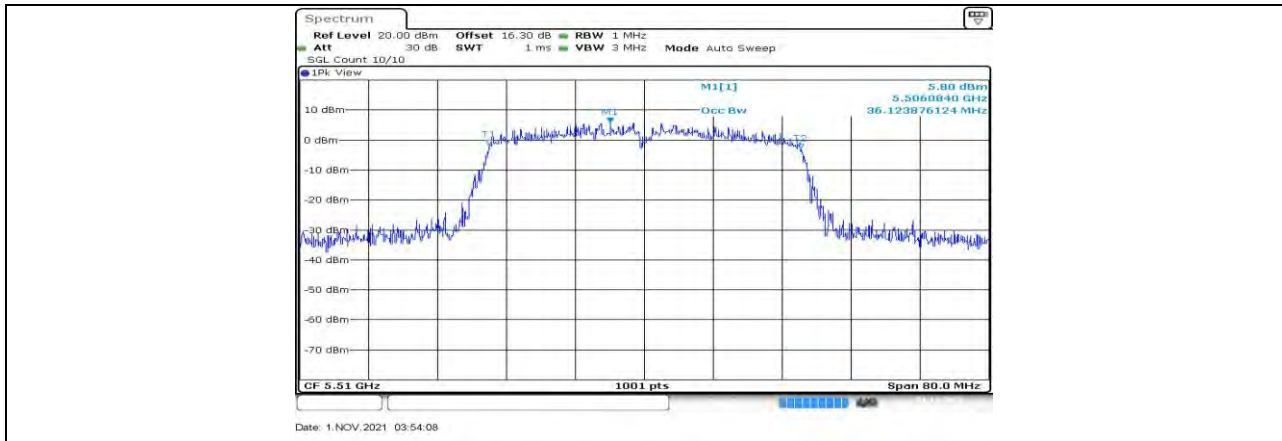
11N40MIMO Ant2 5270



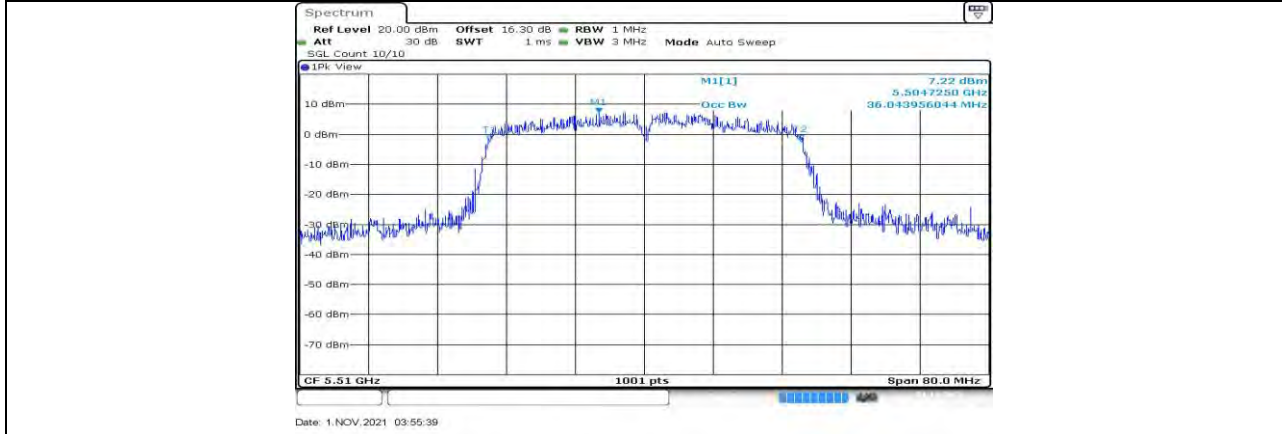
11N40MIMO Ant1 5310



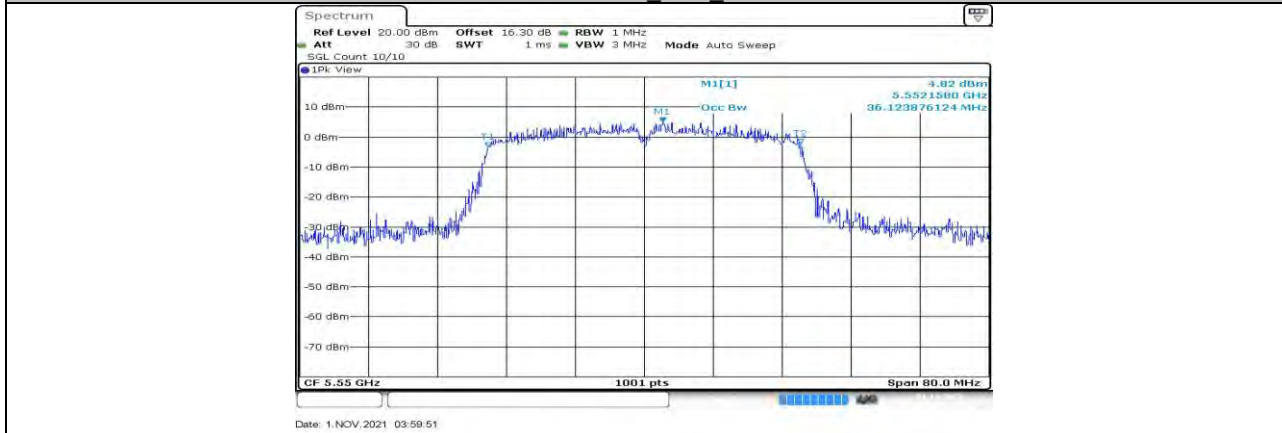
11N40MIMO Ant2 5310



11N40MIMO Ant1 5510

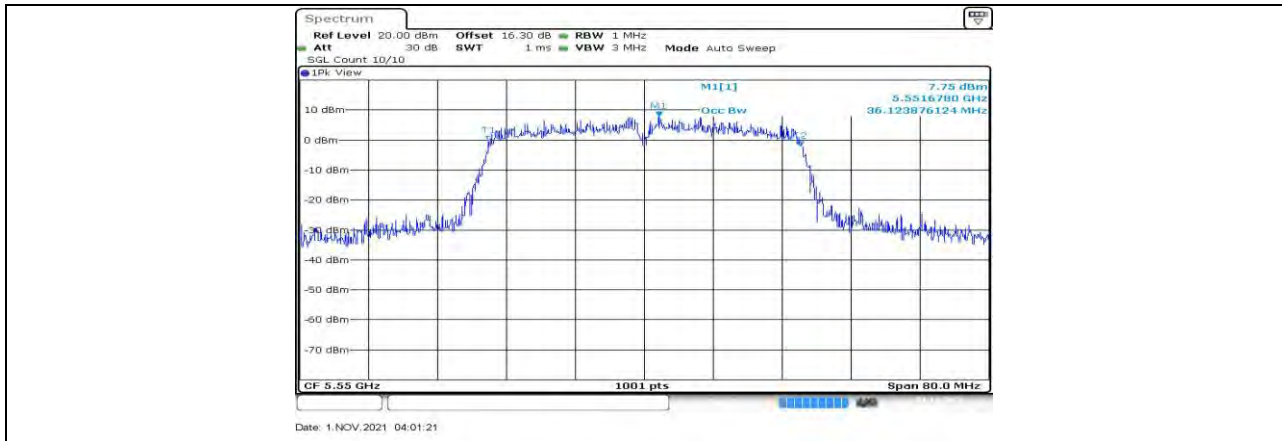


11N40MIMO Ant2 5510

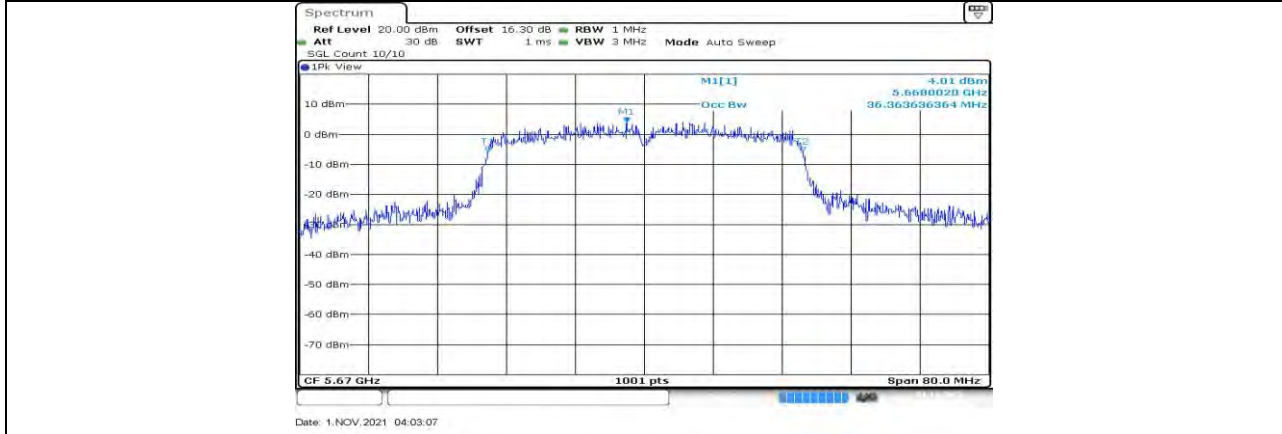


11N40MIMO Ant1 5550

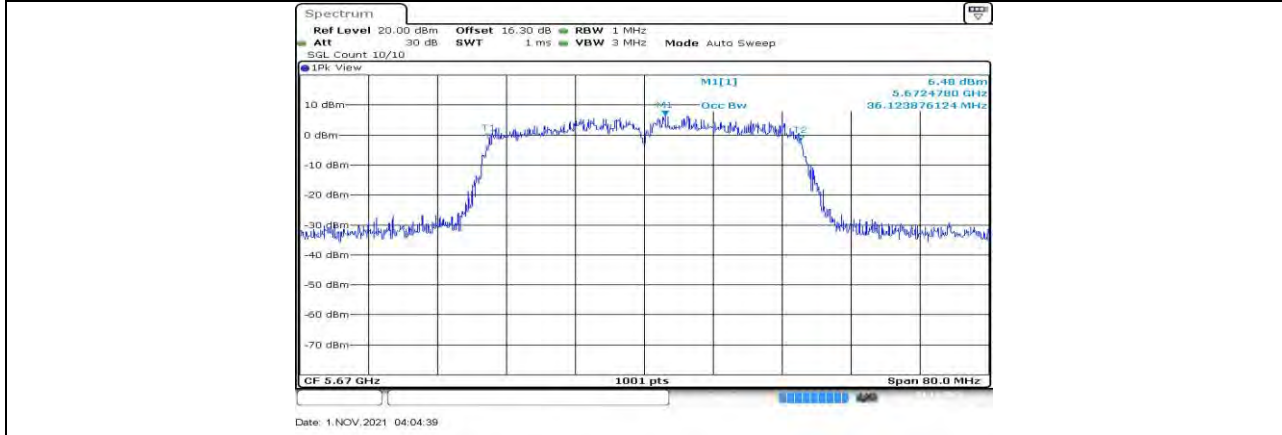




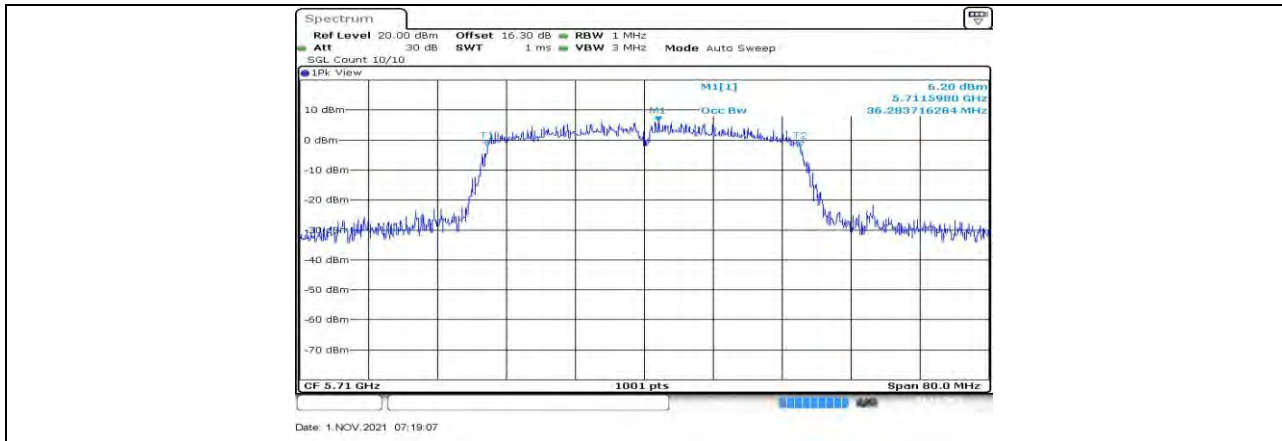
11N40MIMO Ant2 5550



11N40MIMO Ant1 5670



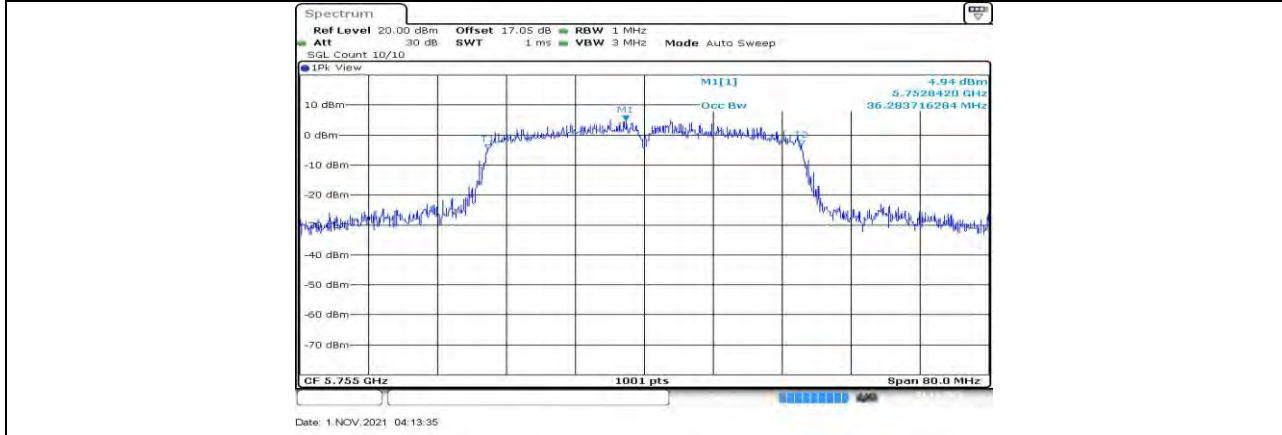
11N40MIMO Ant2 5670



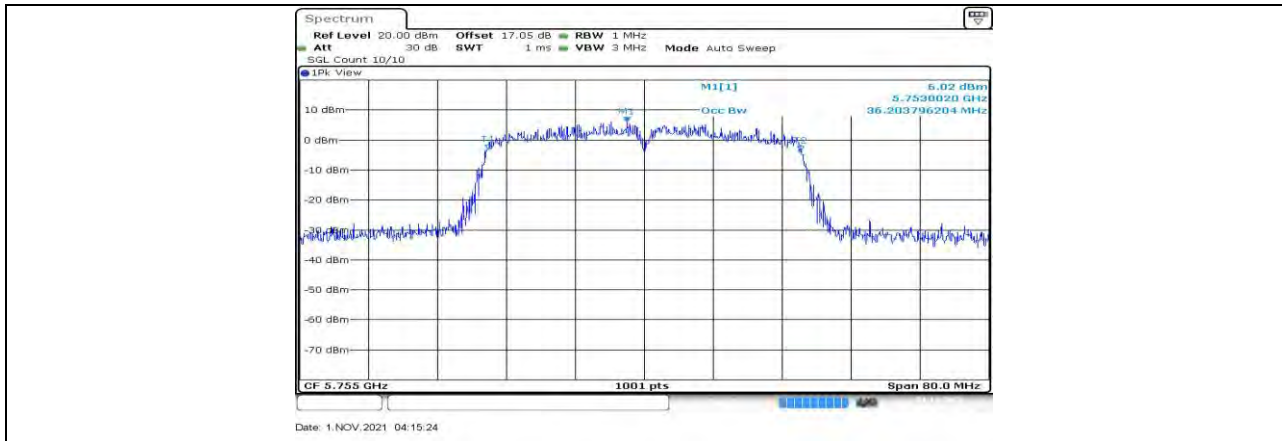
11N40MIMO Ant1 5710



11N40MIMO Ant2 5710



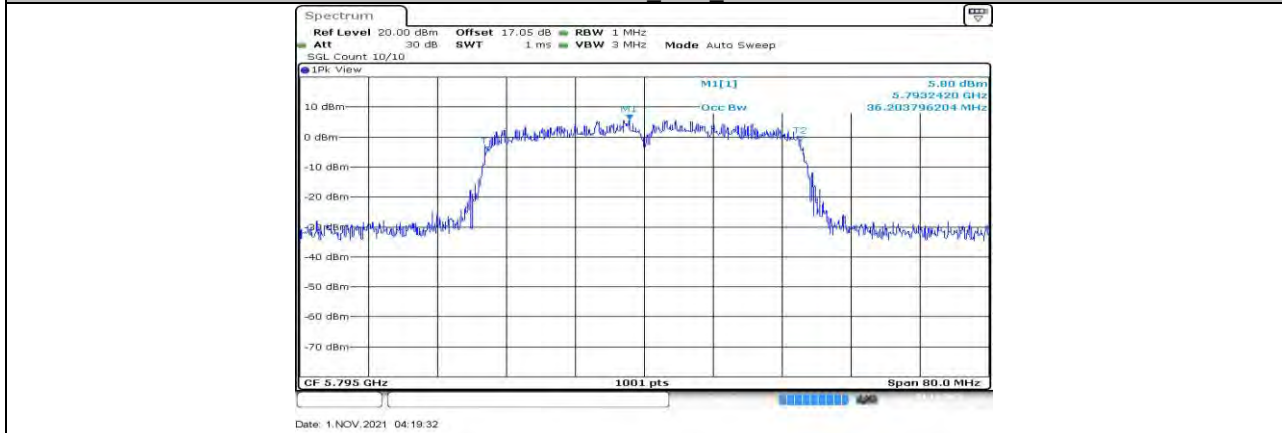
11N40MIMO Ant1 5755



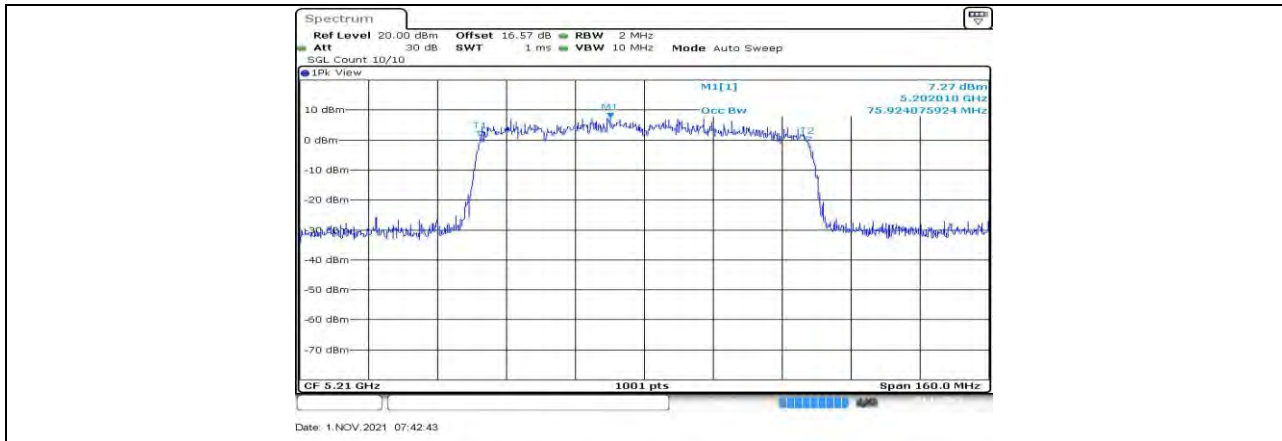
11N40MIMO Ant2 5755



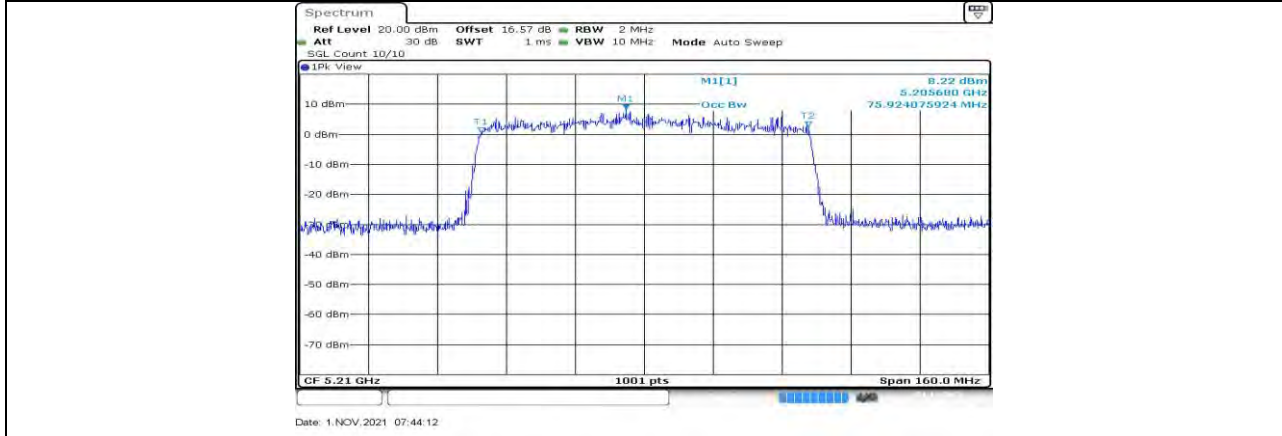
11N40MIMO Ant1 5795



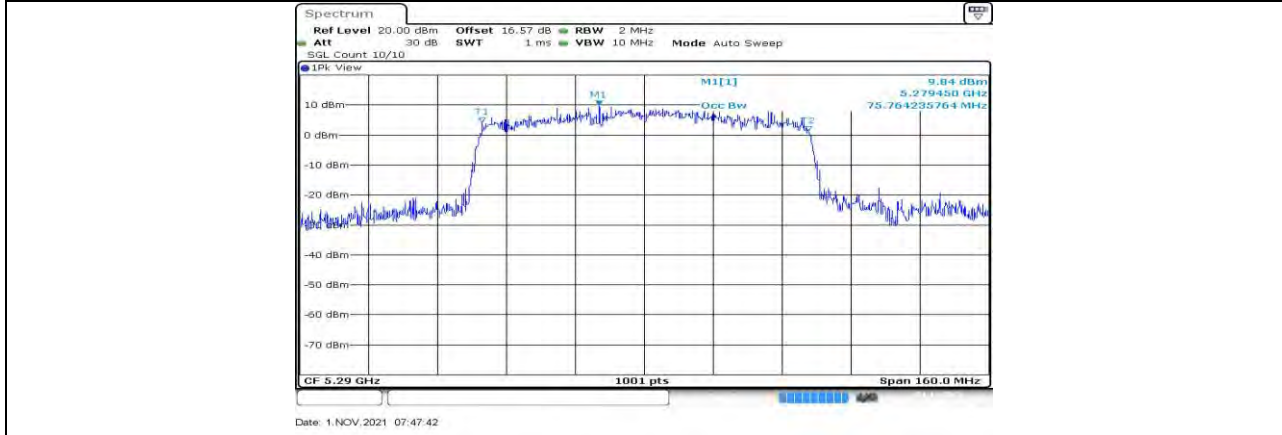
11N40MIMO Ant2 5795



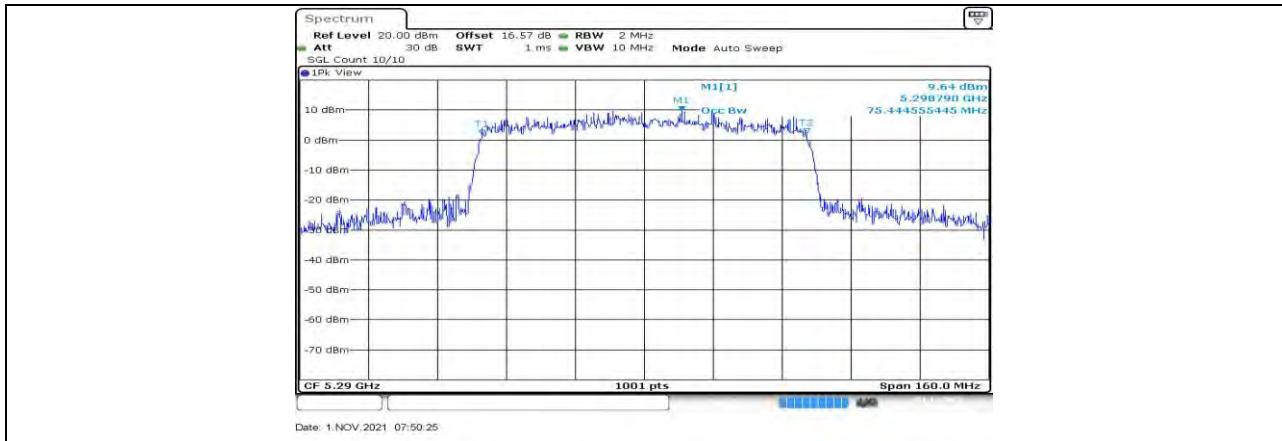
11AC80MIMO\_Ant1\_5210



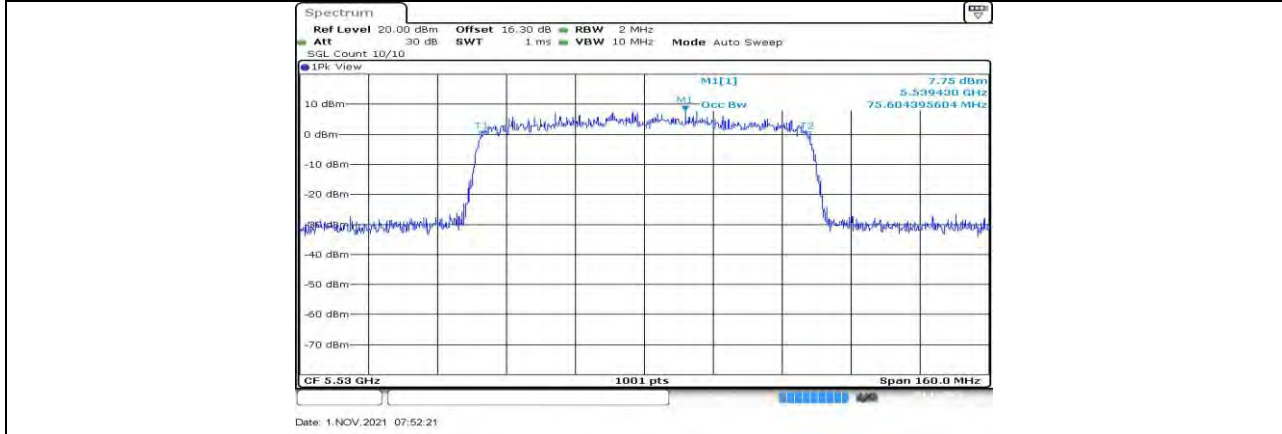
11AC80MIMO\_Ant2\_5210



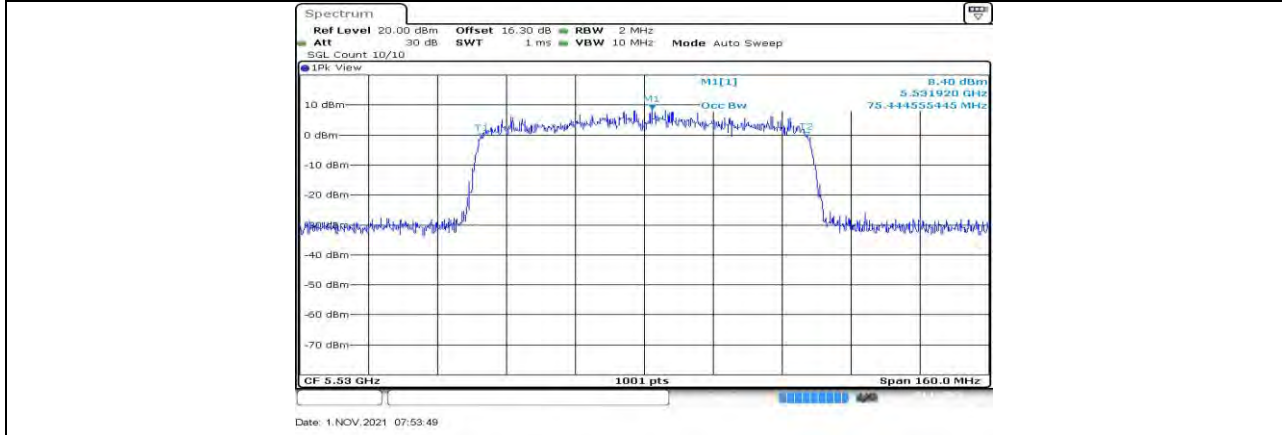
11AC80MIMO\_Ant1\_5290



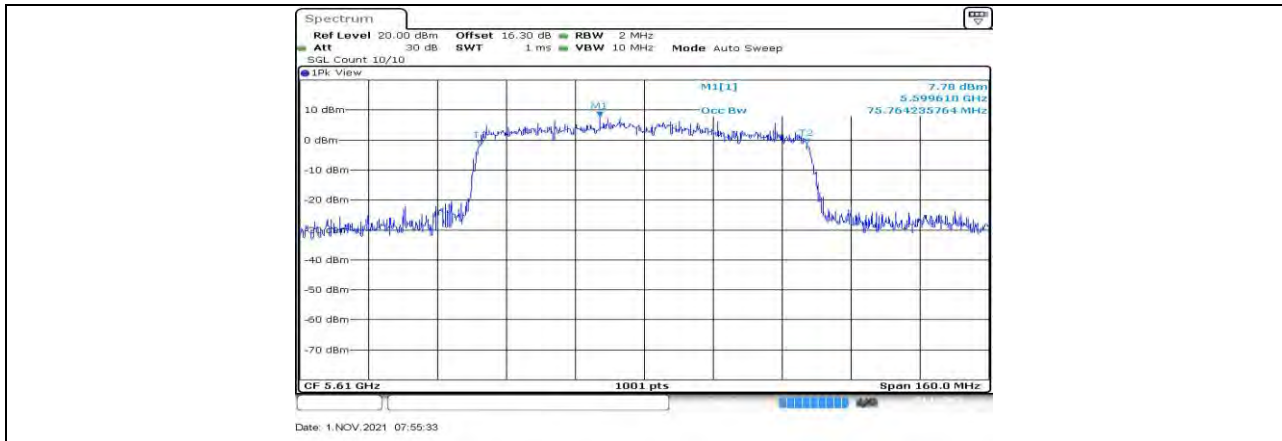
11AC80MIMO\_Ant2\_5290



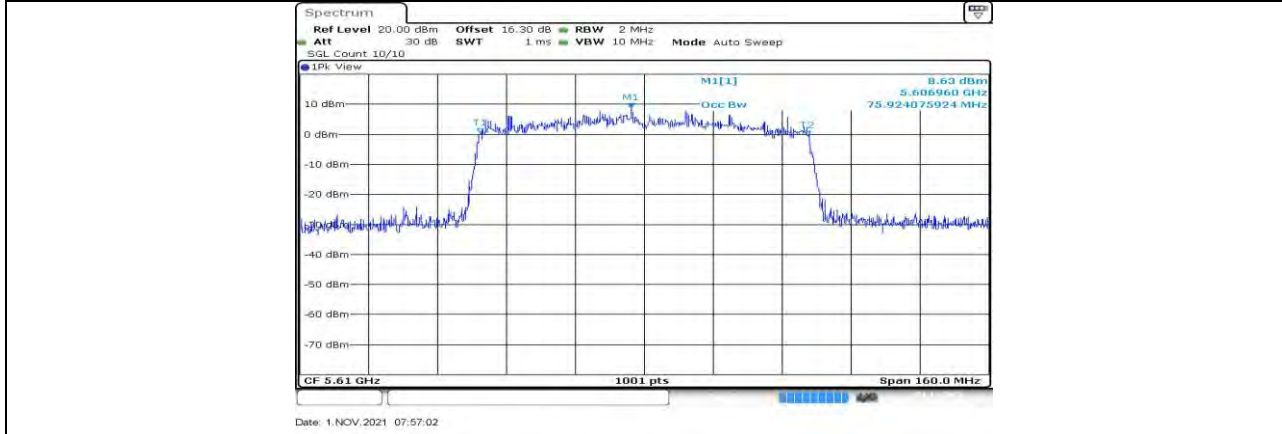
11AC80MIMO\_Ant1\_5530



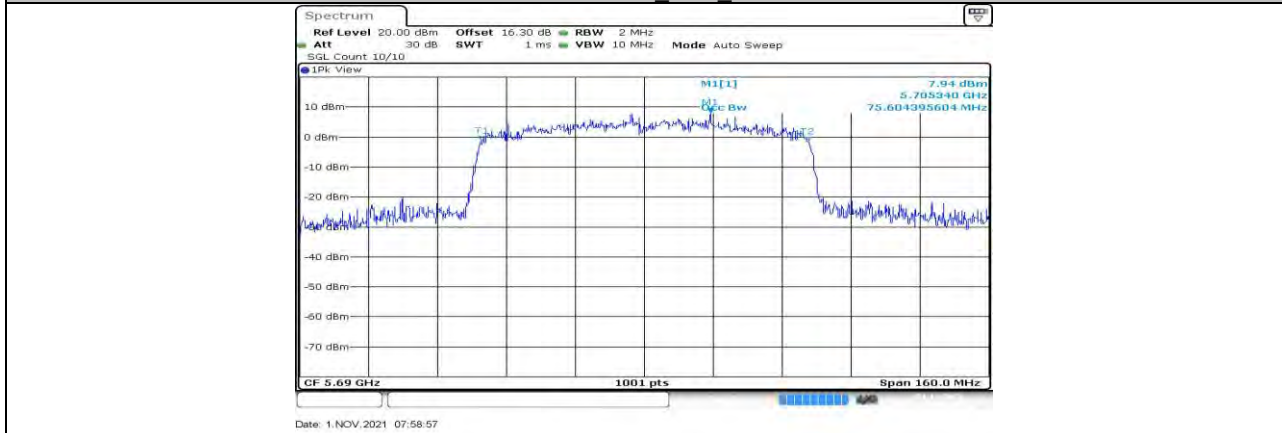
11AC80MIMO\_Ant2\_5530



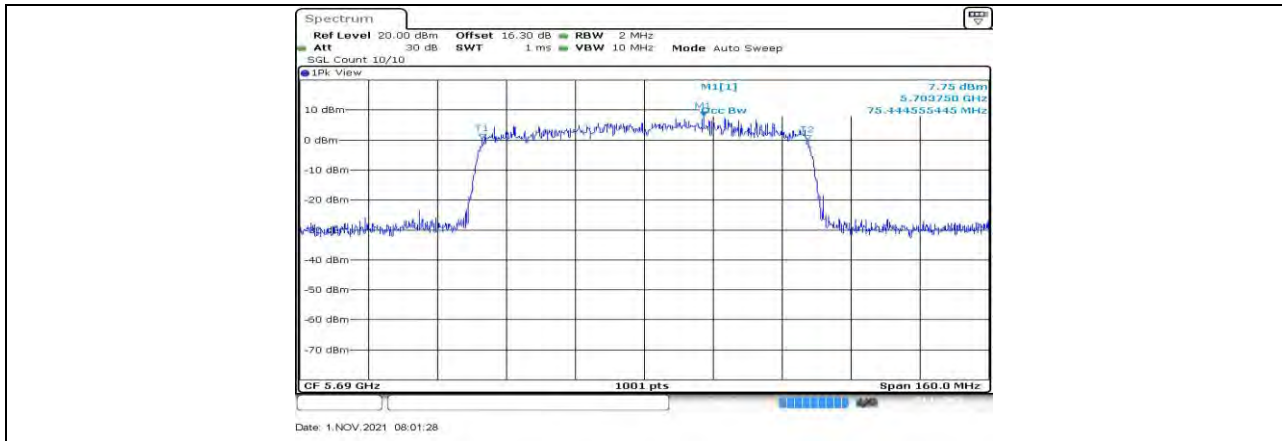
11AC80MIMO\_Ant1\_5610



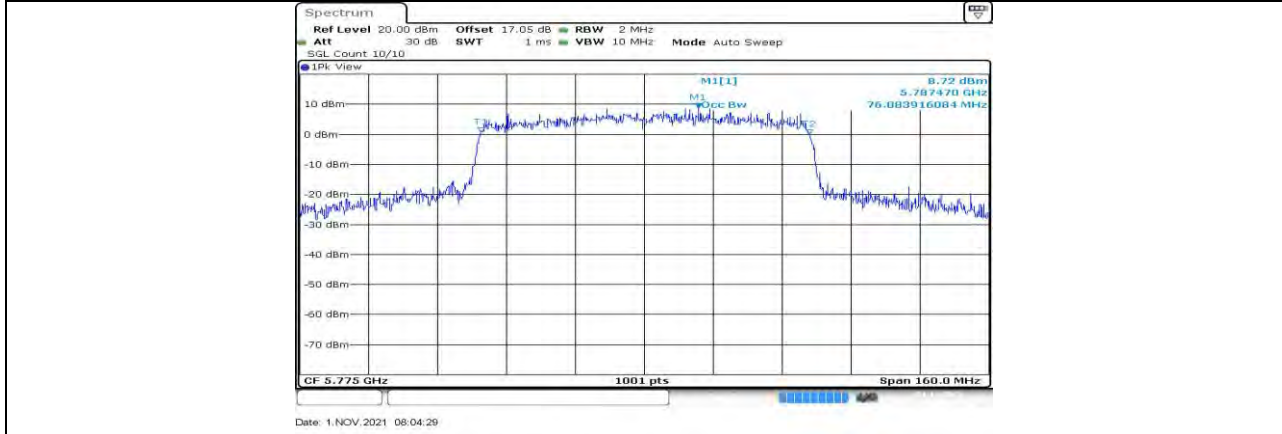
11AC80MIMO\_Ant2\_5610



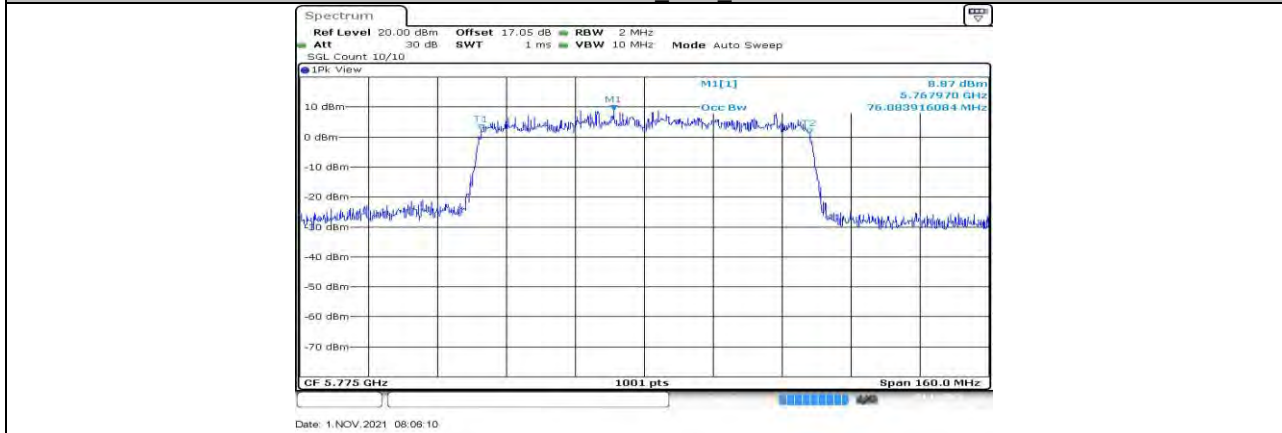
11AC80MIMO\_Ant1\_5690



11AC80MIMO\_Ant2\_5690



11AC80MIMO\_Ant1\_5775



11AC80MIMO\_Ant2\_5775



### 12.3. Appendix A3: Min emission bandwidth

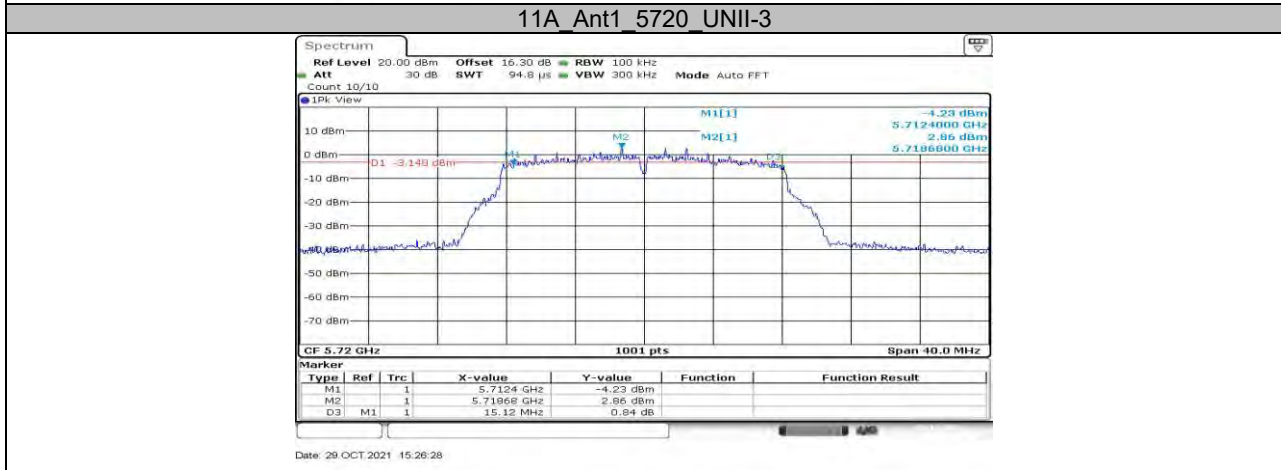
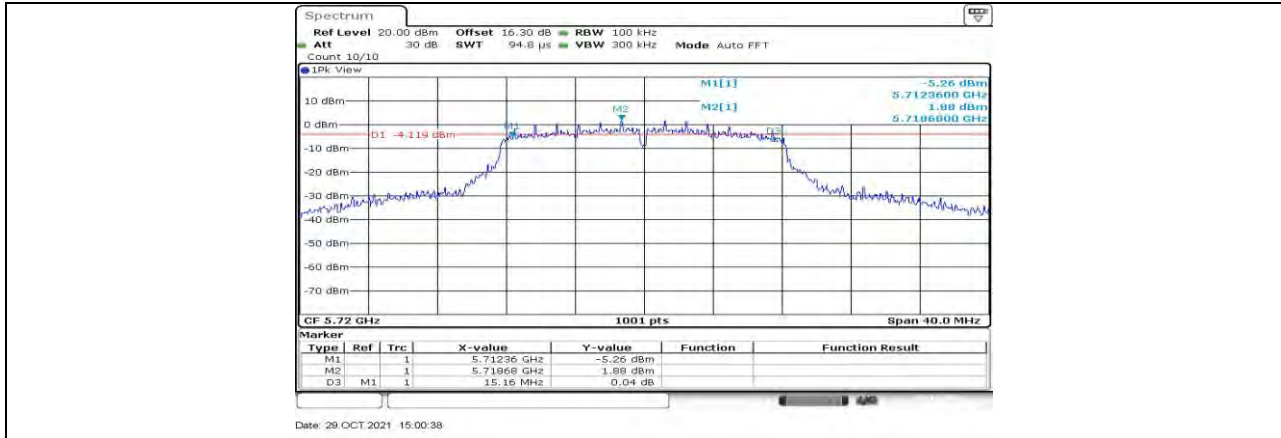
#### 12.3.1. Test Result

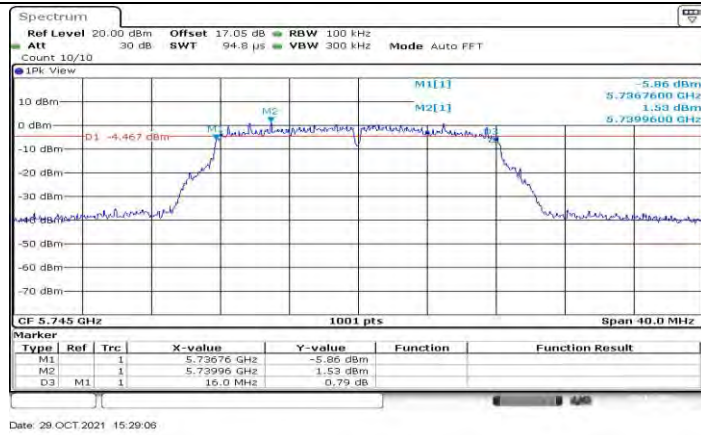
Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A 20	Ant1	5720 <sub>3</sub> UNII-	2.52	5725	5727.520	0.5	PASS
	Ant2	5720 <sub>3</sub> UNII-	2.52	5725	5727.520	0.5	PASS
	Ant1	5745	15.200	5737.360	5752.560	0.5	PASS
	Ant2	5745	16.000	5736.760	5752.760	0.5	PASS
	Ant1	5785	16.120	5777.000	5793.120	0.5	PASS
	Ant2	5785	15.400	5777.360	5792.760	0.5	PASS
	Ant1	5825	15.200	5817.360	5832.560	0.5	PASS
	Ant2	5825	15.200	5817.360	5832.560	0.5	PASS
11N20MIMO	Ant1	5720 <sub>3</sub> UNII-	2.56	5725	5727.560	0.5	PASS
	Ant2	5720 <sub>3</sub> UNII-	3.12	5725	5728.120	0.5	PASS
	Ant1	5745	15.200	5737.360	5752.560	0.5	PASS
	Ant2	5745	15.760	5736.760	5752.520	0.5	PASS
	Ant1	5785	15.800	5777.360	5793.160	0.5	PASS
	Ant2	5785	17.040	5776.760	5793.800	0.5	PASS
	Ant1	5825	16.480	5817.120	5833.600	0.5	PASS
	Ant2	5825	16.600	5816.640	5833.240	0.5	PASS
11N40MIMO	Ant1	5710 <sub>3</sub> UNII-	2.6	5725	5727.600	0.5	PASS
	Ant2	5710 <sub>3</sub> UNII-	2.6	5725	5727.600	0.5	PASS
	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS
	Ant2	5755	35.280	5737.320	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80MIMO	Ant1	5690 <sub>3</sub> UNII-	2.76	5725	5727.760	0.5	PASS
	Ant2	5690 <sub>3</sub> UNII-	2.76	5725	5727.760	0.5	PASS
	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS



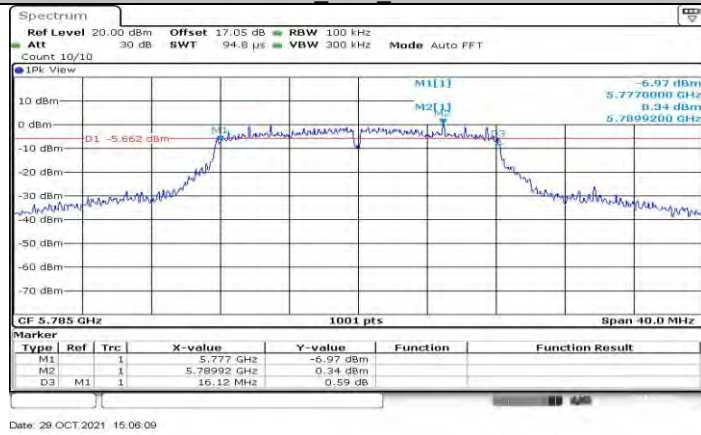


### 12.3.2. Test Graphs

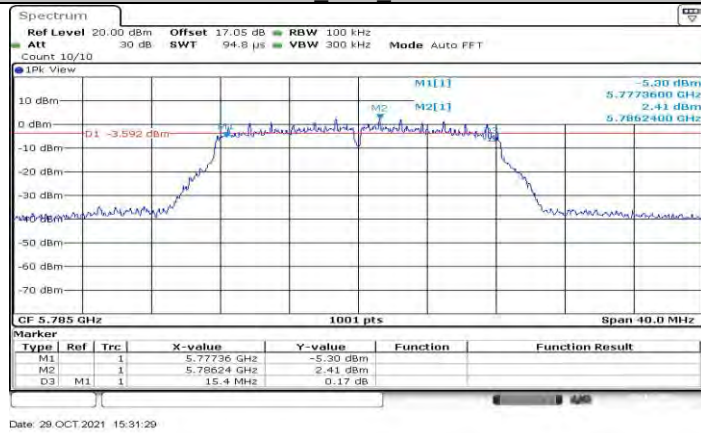




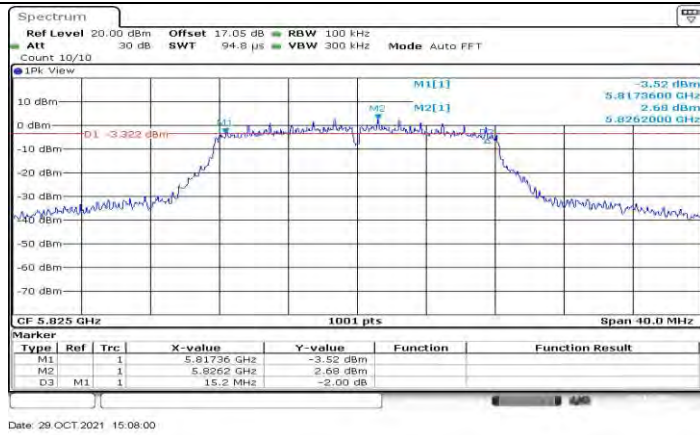
11A Ant2 5745



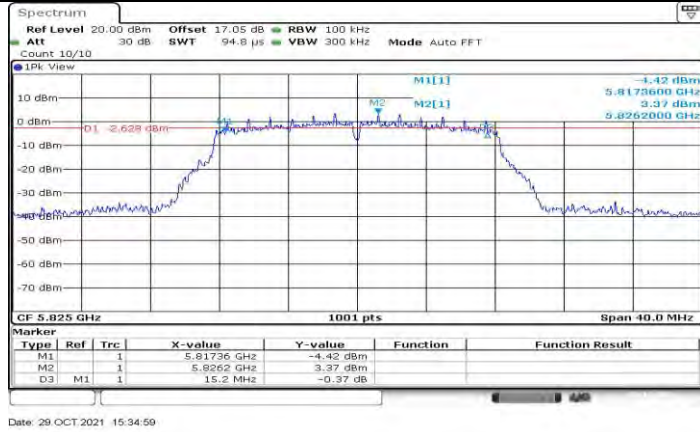
11A Ant1 5785



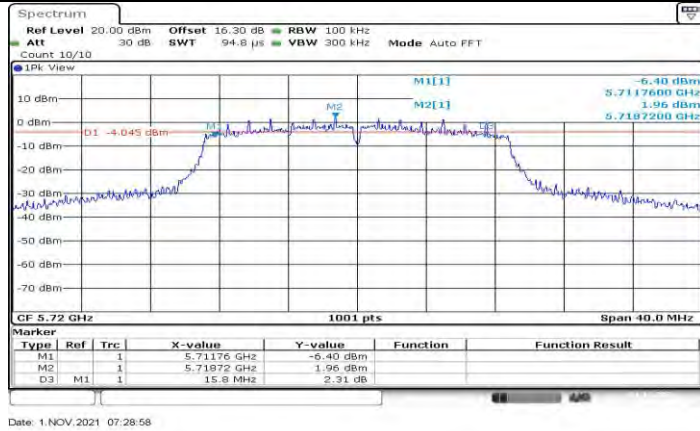
11A Ant2 5785



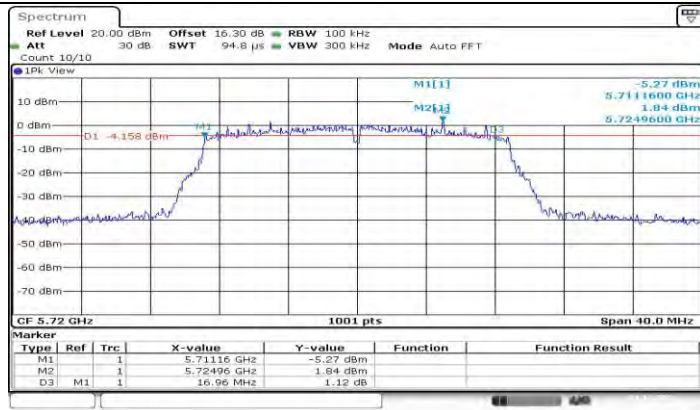
11A Ant1 5825



11A Ant2 5825

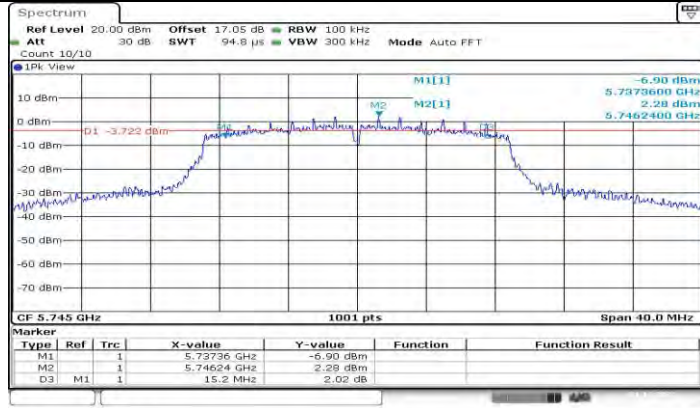


11N20MIMO Ant1 5720 UNII-3



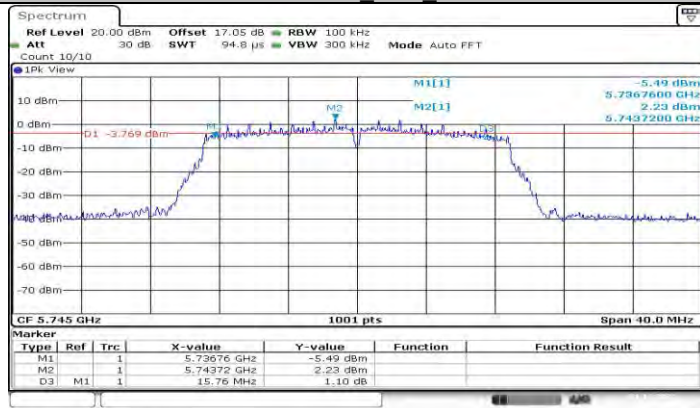
Date: 1.NOV.2021 07:31:47

11N20MIMO Ant2 5720 UNII-3



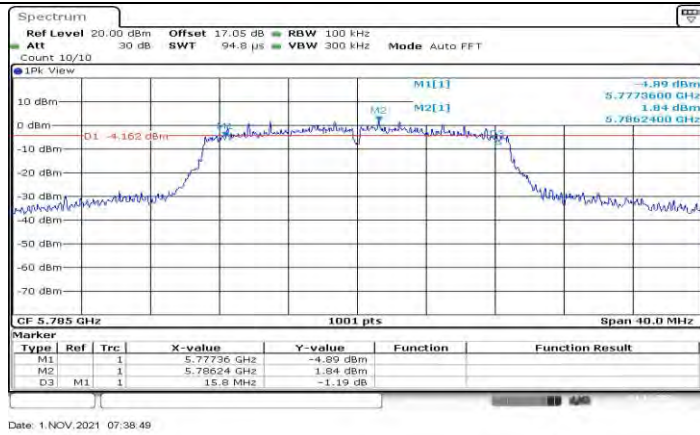
Date: 1.NOV.2021 07:37:18

11N20MIMO Ant1 5745

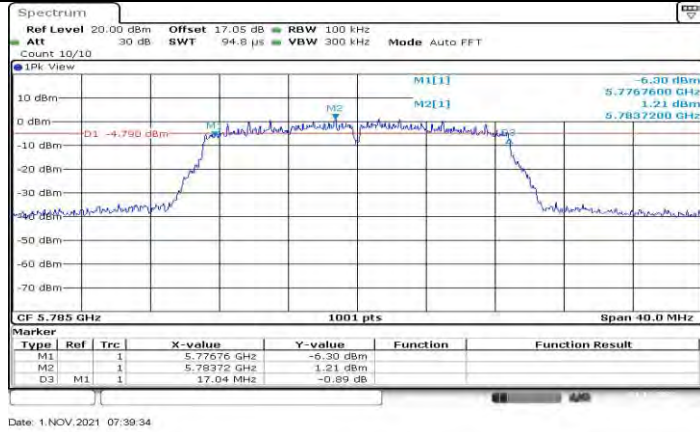


Date: 1.NOV.2021 07:37:54

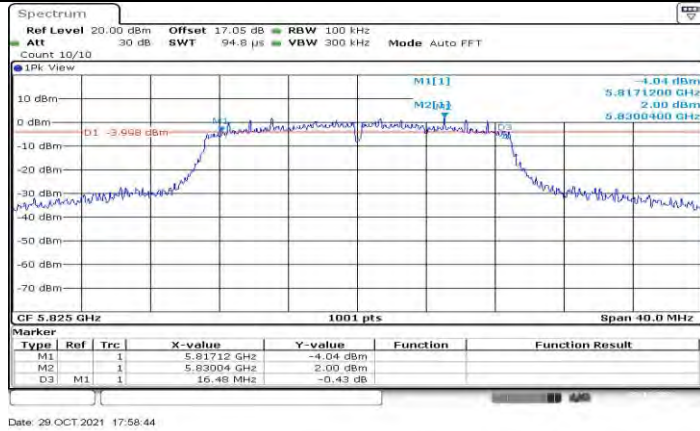
11N20MIMO Ant2 5745



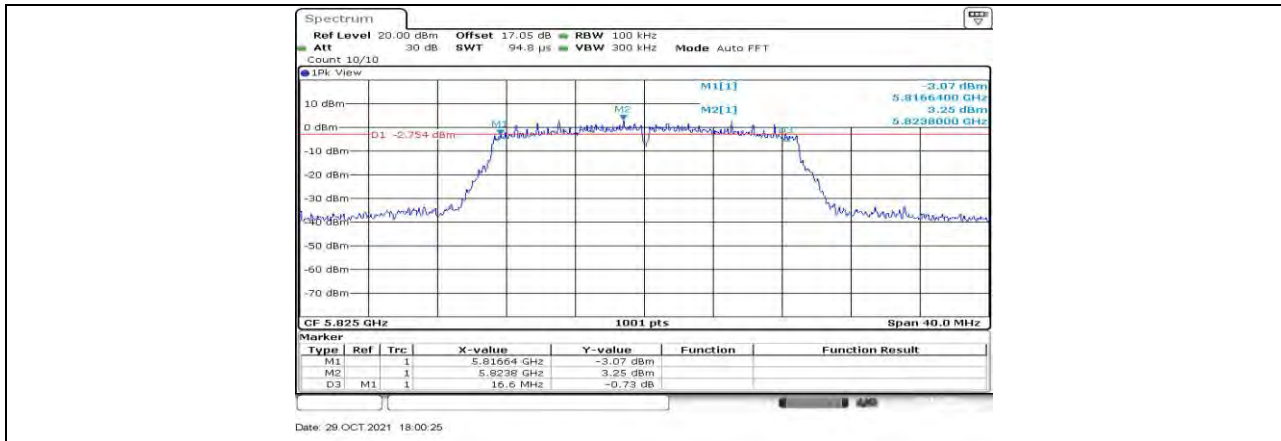
11N20MIMO Ant1 5785



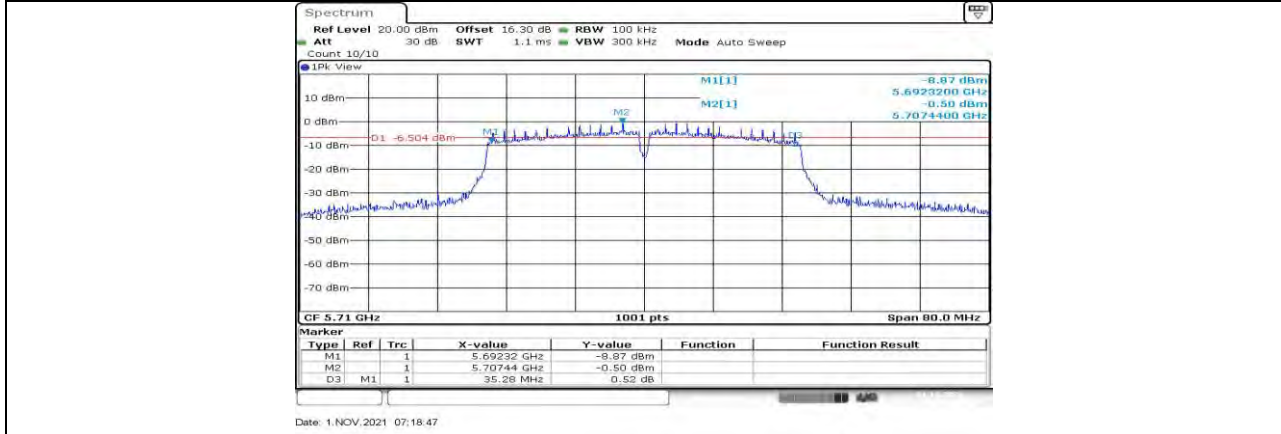
11N20MIMO Ant2 5785



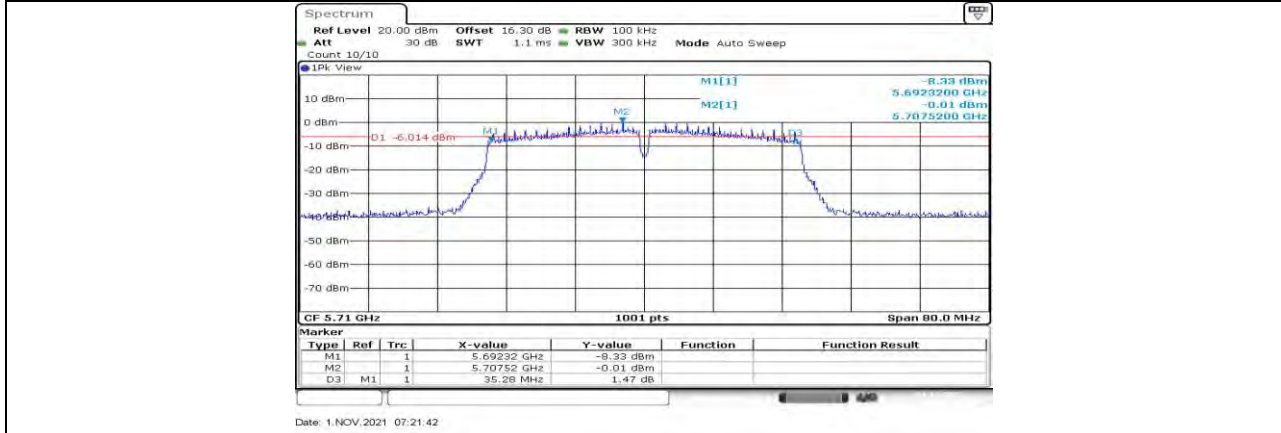
11N20MIMO Ant1 5825



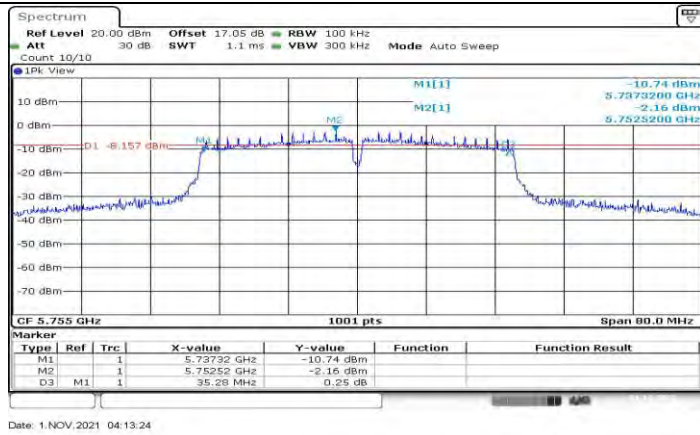
11N20MIMO Ant2 5825



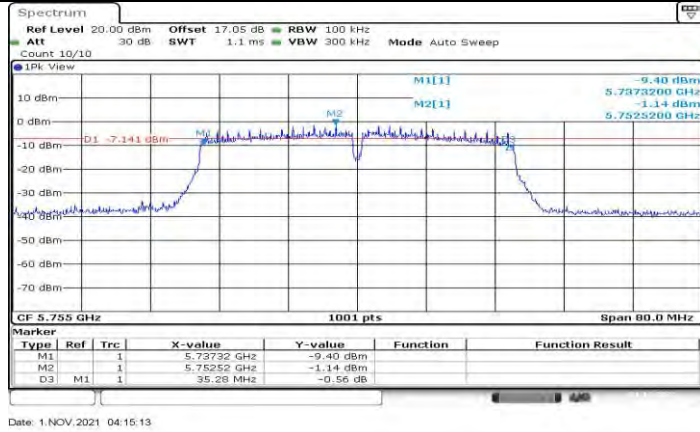
11N40MIMO Ant1 5710 UNII-3



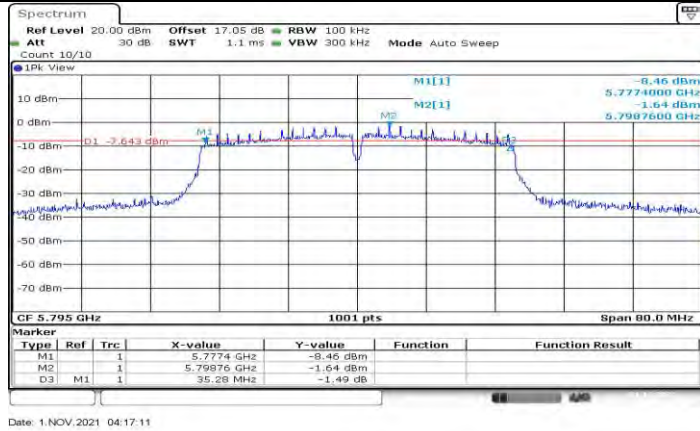
11N40MIMO Ant2 5710 UNII-3



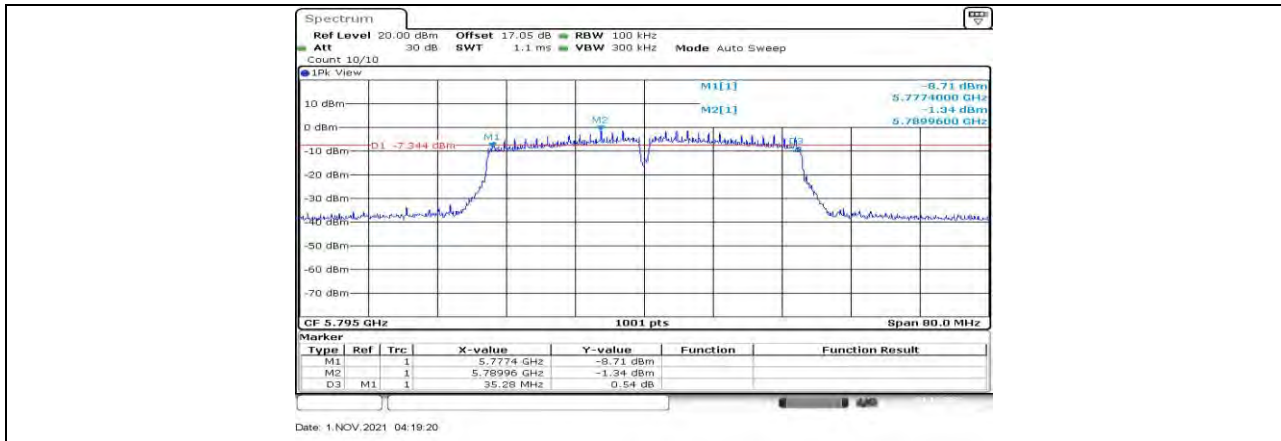
11N40MIMO Ant1 5755



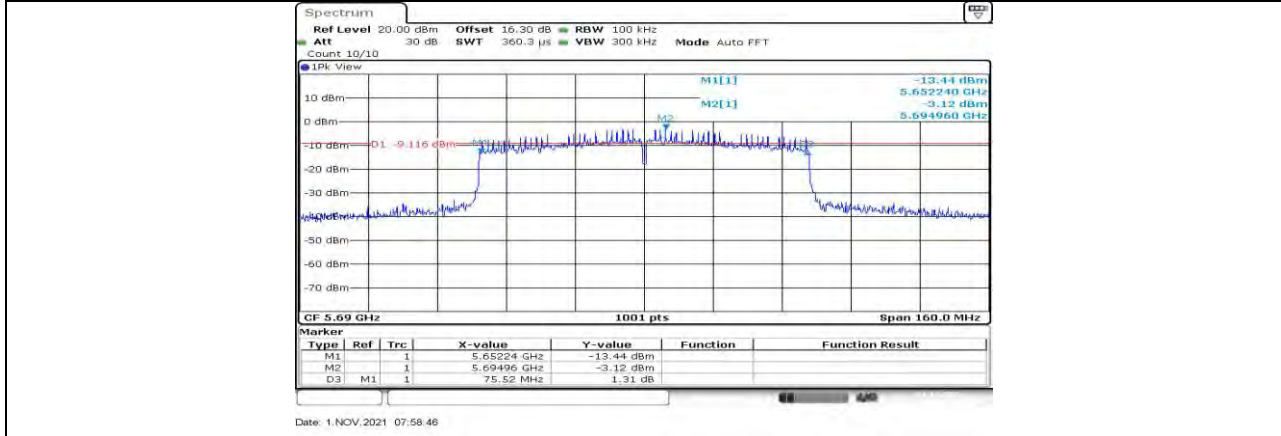
11N40MIMO Ant2 5755



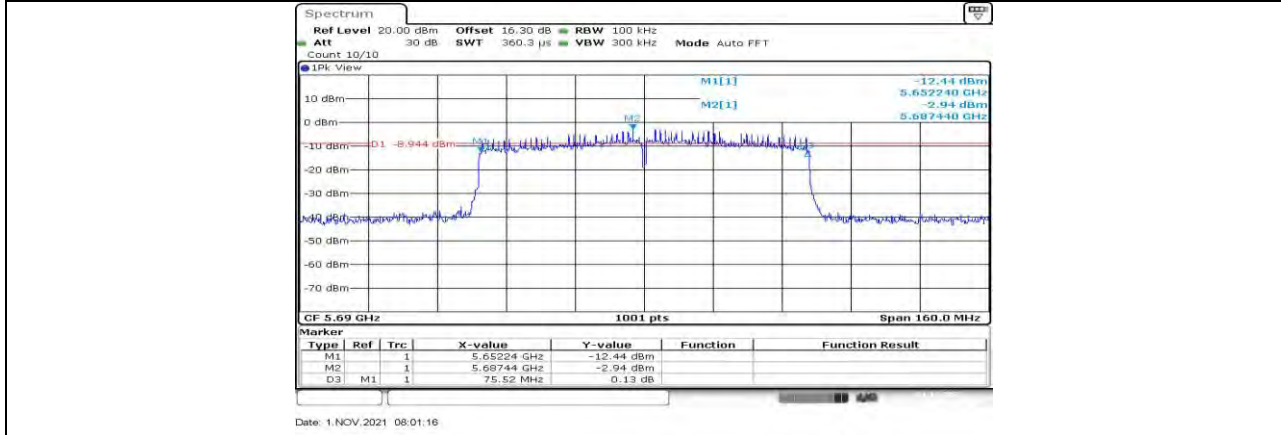
11N40MIMO Ant1 5795



11N40MIMO Ant2 5795

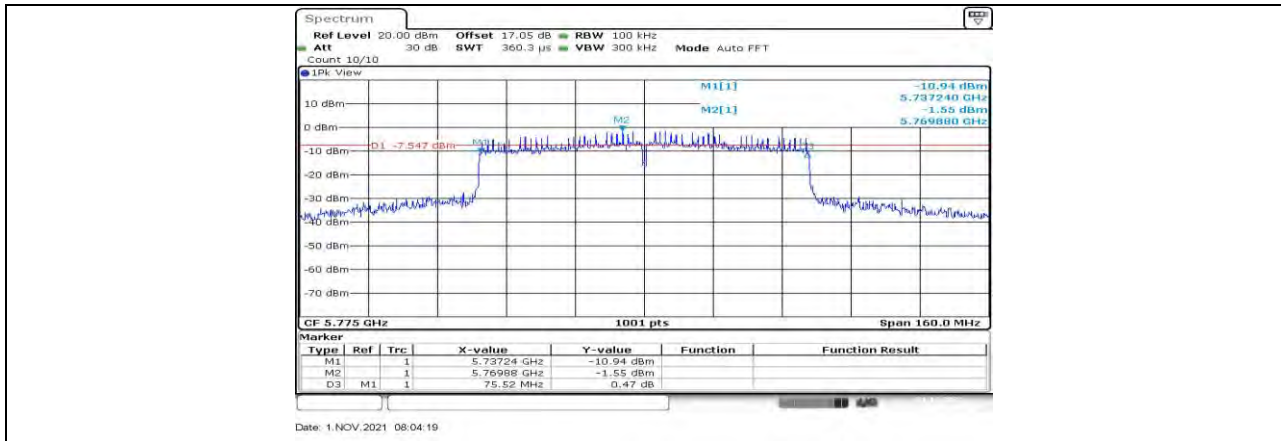


11AC80MIMO Ant1 5690 UNII-3

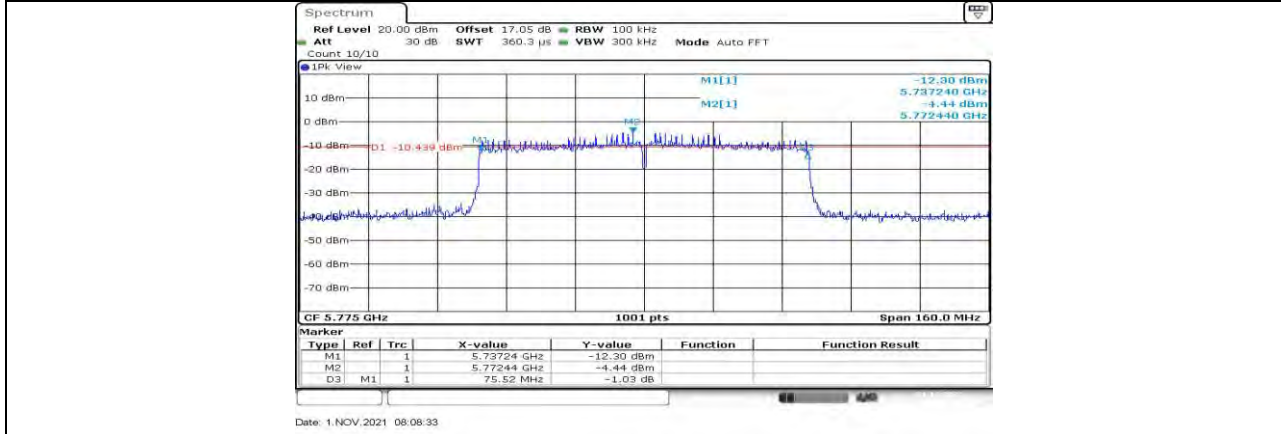


11AC80MIMO Ant2 5690 UNII-3





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	
11A 20	Ant1	5180	10.32	≤23.98	---	13.79	≤22.20	PASS	
	Ant2	5180	13.07	≤23.98	---	16.54	≤22.22	PASS	
	Ant1	5200	10.61	≤23.98	---	14.08	≤22.25	PASS	
	Ant2	5200	12.52	≤23.98	---	15.99	≤22.22	PASS	
	Ant1	5240	10.66	≤23.98	---	14.13	≤22.22	PASS	
	Ant2	5240	12.82	≤23.98	---	16.29	≤22.25	PASS	
	Ant1	5260	11.41	≤23.98	≤23.26	14.88	≤29.26	PASS	
	Ant2	5260	13.44	≤23.98	≤23.23	16.91	≤29.23	PASS	
	Ant1	5280	11.53	≤23.98	≤23.26	15.00	≤29.26	PASS	
	Ant2	5280	13.71	≤23.98	≤23.20	17.18	≤29.20	PASS	
	Ant1	5320	12.16	≤23.98	≤23.23	15.63	≤29.23	PASS	
	Ant2	5320	13.46	≤23.98	≤23.23	16.93	≤29.23	PASS	
	Ant1	5500	12.95	≤23.98	≤23.22	16.42	≤29.22	PASS	
	Ant2	5500	13.86	≤23.98	≤23.26	17.33	≤29.26	PASS	
	Ant1	5580	12.98	≤23.98	≤23.19	16.45	≤29.19	PASS	
	Ant2	5580	13.96	≤23.98	≤23.22	17.43	≤29.22	PASS	
	Ant1	5700	12.20	≤23.98	≤23.23	15.67	≤29.23	PASS	
	Ant2	5700	13.73	≤23.98	≤23.24	17.20	≤29.24	PASS	
	Ant1	5720_UNII-2C	11.51	≤23.17	≤22.27	14.98	≤28.27	PASS	
	Ant2	5720_UNII-2C	12.74	≤22.80	≤22.26	16.21	≤28.26	PASS	
	Ant1	5720_UNII-3	3.87	≤30	≤30	7.34	---	PASS	
	Ant2	5720_UNII-3	4.96	≤30	≤30	8.43	---	PASS	
	Ant1	5745	12.22	≤30	≤30	15.69	---	PASS	
	Ant2	5745	13.35	≤30	≤30	16.82	---	PASS	
	Ant1	5785	11.95	≤30	≤30	15.42	---	PASS	
	Ant2	5785	12.91	≤30	≤30	16.38	---	PASS	
	Ant1	5825	13.08	≤30	≤30	16.55	---	PASS	
	Ant2	5825	13.75	≤30	≤30	17.22	---	PASS	
	11N20MIMO	Ant1	5180	10.59	≤23.98	---	14.06	≤22.48	PASS
		Ant2	5180	10.31	≤23.98	---	13.78	≤22.48	PASS
total		5180	13.5	≤23.98	---	16.93	≤22.48	PASS	
Ant1		5200	6.72	≤23.98	---	10.19	≤22.48	PASS	
Ant2		5200	9.92	≤23.98	---	13.39	≤22.46	PASS	
total		5200	11.62	≤23.98	---	15.09	≤22.46	PASS	
Ant1		5240	8.54	≤23.98	---	12.01	≤22.46	PASS	
Ant2		5240	10.35	≤23.98	---	13.82	≤22.49	PASS	
total		5240	12.55	≤23.98	---	16.02	≤22.49	PASS	
Ant1		5260	11.40	≤23.98	≤23.49	14.87	≤29.49	PASS	
Ant2		5260	13.61	≤23.98	≤23.50	17.08	≤29.50	PASS	
total		5260	15.7	≤23.98	≤23.50	19.12	≤29.50	PASS	
Ant1		5280	11.98	≤23.98	≤23.53	15.45	≤29.53	PASS	
Ant2		5280	14.15	≤23.98	≤23.51	17.62	≤29.51	PASS	
total		5280	16.2	≤23.98	≤23.51	19.68	≤29.51	PASS	
Ant1		5320	12.47	≤23.98	≤23.50	15.94	≤29.50	PASS	
Ant2		5320	14.05	≤23.98	≤23.49	17.52	≤29.49	PASS	
total		5320	16.3	≤23.98	≤23.49	19.81	≤29.49	PASS	
Ant1		5500	13.39	≤23.98	≤23.47	16.86	≤29.47	PASS	
Ant2		5500	14.36	≤23.98	≤23.49	17.83	≤29.49	PASS	
total		5500	16.9	≤23.98	≤23.49	20.38	≤29.49	PASS	
Ant1		5580	13.31	≤23.98	≤23.48	16.78	≤29.48	PASS	
Ant2		5580	14.43	≤23.98	≤23.47	17.90	≤29.47	PASS	



	total	5580	16.9	≤23.98	≤23.47	20.39	≤29.47	PASS
	Ant1	5700	12.52	≤23.98	≤23.56	15.99	≤29.56	PASS
	Ant2	5700	13.96	≤23.98	≤23.47	17.43	≤29.47	PASS
	total	5700	16.3	≤23.98	≤23.47	19.78	≤29.47	PASS
	Ant1	5720_UNII-2C	13.06	≤22.90	≤22.45	16.53	≤28.45	PASS
	Ant2	5720_UNII-2C	13.52	≤22.80	≤22.40	16.99	≤28.40	PASS
	total	5720_UNII-2C	16.3	≤22.80	≤22.40	19.78	≤28.40	PASS
	Ant1	5720_UNII-3	5.71	≤30	≤30	9.18	---	PASS
	Ant2	5720_UNII-3	6.10	≤30	≤30	9.57	---	PASS
	total	5720_UNII-3	8.9	≤30	≤30	12.39	---	PASS
	Ant1	5745	12.56	≤30	≤30	16.03	---	PASS
	Ant2	5745	13.73	≤30	≤30	17.20	---	PASS
	total	5745	16.2	≤30	≤30	19.66	---	PASS
	Ant1	5785	12.46	≤30	≤30	15.93	---	PASS
	Ant2	5785	13.37	≤30	≤30	16.84	---	PASS
	total	5785	15.9	≤30	≤30	19.42	---	PASS
	Ant1	5825	13.55	≤30	≤30	17.02	---	PASS
	Ant2	5825	14.11	≤30	≤30	17.58	---	PASS
	total	5825	16.8	≤30	≤30	20.32	---	PASS
	Ant1	5190	10.49	≤23.98	---	13.96	≤23	PASS
	Ant2	5190	12.13	≤23.98	---	15.60	≤23	PASS
	total	5190	14.4	≤23.98	---	17.87	≤23	PASS
	Ant1	5230	10.43	≤23.98	---	13.90	≤23	PASS
	Ant2	5230	12.15	≤23.98	---	15.62	≤23	PASS
	total	5230	14.4	≤23.98	---	17.85	≤23	PASS
	Ant1	5270	10.74	≤23.98	≤23.98	14.21	≤30	PASS
	Ant2	5270	13.08	≤23.98	≤23.98	16.55	≤30	PASS
	total	5270	15.1	≤23.98	≤23.98	18.55	≤30	PASS
	Ant1	5310	10.91	≤23.98	≤23.98	14.38	≤30	PASS
	Ant2	5310	12.98	≤23.98	≤23.98	16.45	≤30	PASS
	total	5310	15.1	≤23.98	≤23.98	18.55	≤30	PASS
	Ant1	5510	11.70	≤23.98	≤23.98	15.17	≤30	PASS
	Ant2	5510	13.01	≤23.98	≤23.98	16.48	≤30	PASS
	total	5510	15.4	≤23.98	≤23.98	18.88	≤30	PASS
	Ant1	5550	11.10	≤23.98	≤23.98	14.57	≤30	PASS
	Ant2	5550	12.95	≤23.98	≤23.98	16.42	≤30	PASS
	total	5550	15.1	≤23.98	≤23.98	18.60	≤30	PASS
	Ant1	5670	10.01	≤23.98	≤23.98	13.48	≤30	PASS
	Ant2	5670	12.13	≤23.98	≤23.98	15.60	≤30	PASS
	total	5670	14.2	≤23.98	≤23.98	17.68	≤30	PASS
	Ant1	5710_UNII-2C	13.02	≤23.98	≤23.98	16.49	≤30	PASS
	Ant2	5710_UNII-2C	13.28	≤23.98	≤23.98	16.75	≤30	PASS
	total	5710_UNII-2C	16.2	≤23.98	≤23.98	19.63	≤30	PASS
	Ant1	5710_UNII-3	0.50	≤30	≤30	3.97	---	PASS
	Ant2	5710_UNII-3	0.90	≤30	≤30	4.37	---	PASS
	total	5710_UNII-3	3.7	≤30	≤30	7.18	---	PASS
	Ant1	5755	10.69	≤30	≤30	14.16	---	PASS
	Ant2	5755	11.53	≤30	≤30	15.00	---	PASS
	total	5755	14.1	≤30	≤30	17.61	---	PASS
	Ant1	5795	11.47	≤30	≤30	14.94	---	PASS
	Ant2	5795	11.67	≤30	≤30	15.14	---	PASS
	total	5795	14.6	≤30	≤30	18.05	---	PASS
11AC80MIMO	Ant1	5210	13.06	≤23.98	---	16.53	≤23	PASS
	Ant2	5210	12.96	≤23.98	---	16.43	≤23	PASS
	total	5210	16.0	≤23.98	---	19.49	≤23	PASS

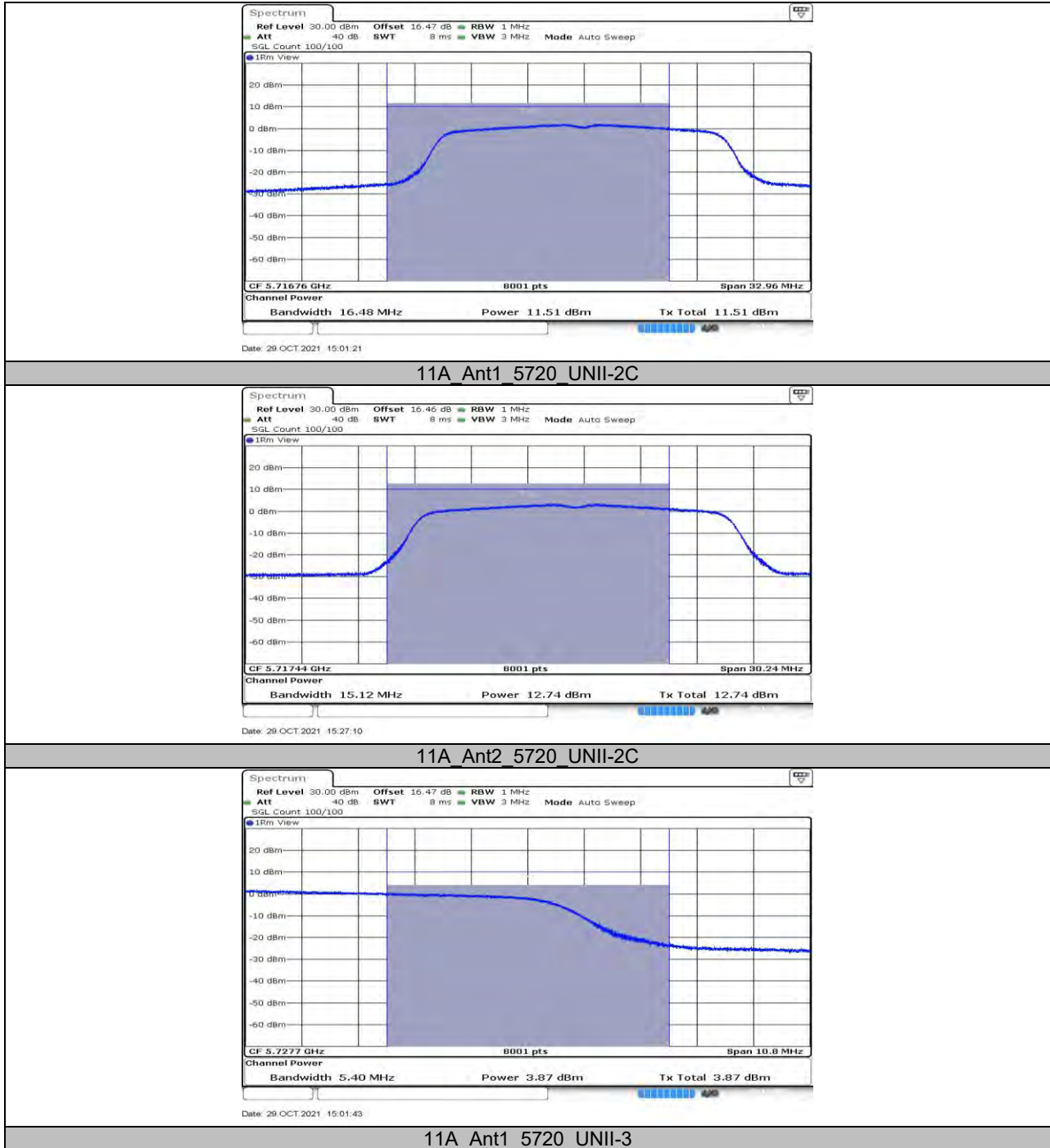


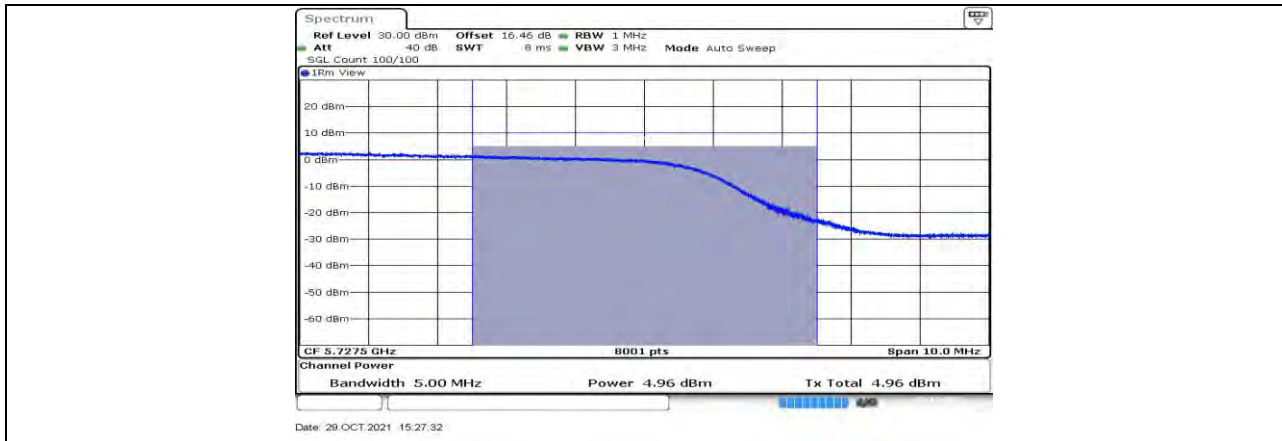
Ant1	5290	15.19	≤23.98	≤23.98	18.66	≤30	PASS
Ant2	5290	15.18	≤23.98	≤23.98	18.65	≤30	PASS
total	5290	18.2	≤23.98	≤23.98	21.67	≤30	PASS
Ant1	5530	12.99	≤23.98	≤23.98	16.46	≤30	PASS
Ant2	5530	13.26	≤23.98	≤23.98	16.73	≤30	PASS
total	5530	16.1	≤23.98	≤23.98	19.61	≤30	PASS
Ant1	5610	12.86	≤23.98	≤23.98	16.33	≤30	PASS
Ant2	5610	12.94	≤23.98	≤23.98	16.41	≤30	PASS
total	5610	15.9	≤23.98	≤23.98	19.38	≤30	PASS
Ant1	5690_UNII-2C	12.60	≤23.98	≤23.98	16.07	≤30	PASS
Ant2	5690_UNII-2C	12.66	≤23.98	≤23.98	16.13	≤30	PASS
total	5690_UNII-2C	15.6	≤23.98	≤23.98	19.11	≤30	PASS
Ant1	5690_UNII-3	-2.72	≤30	≤30	0.75	---	PASS
Ant2	5690_UNII-3	-2.31	≤30	≤30	1.16	---	PASS
total	5690_UNII-3	0.5	≤30	≤30	3.97	---	PASS
Ant1	5775	14.30	≤30	≤30	17.77	---	PASS
Ant2	5775	14.09	≤30	≤30	17.56	---	PASS
total	5775	17.20	≤30	≤30	20.68	---	PASS

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

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

### 12.4.2. Test Graphs





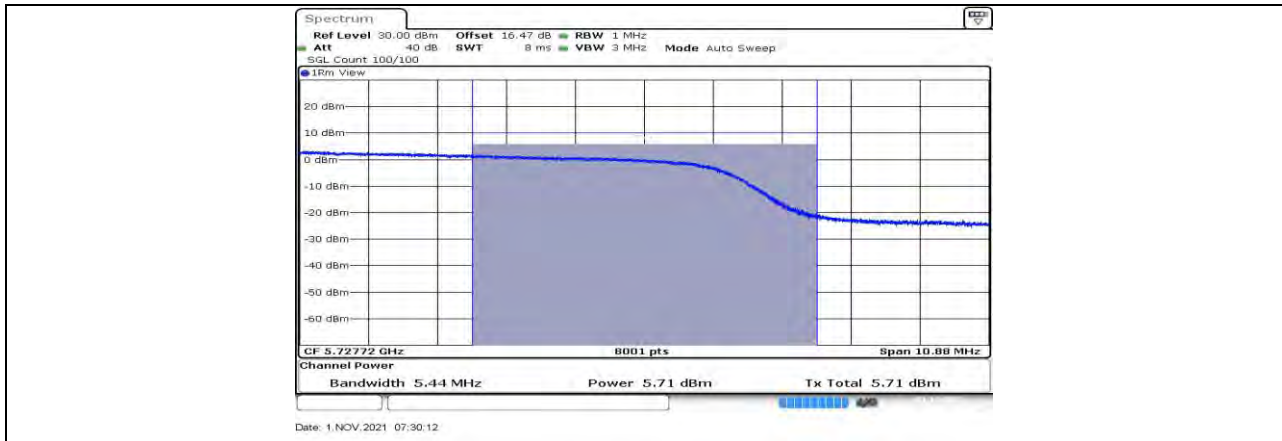
11A\_Ant2\_5720\_UNII-3



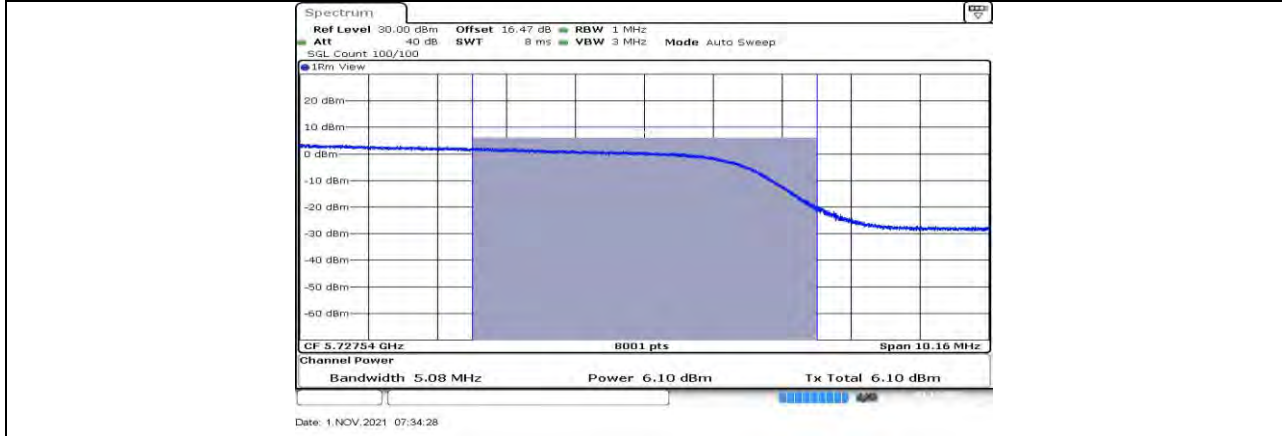
11N20MIMO\_Ant1\_5720\_UNII-2C



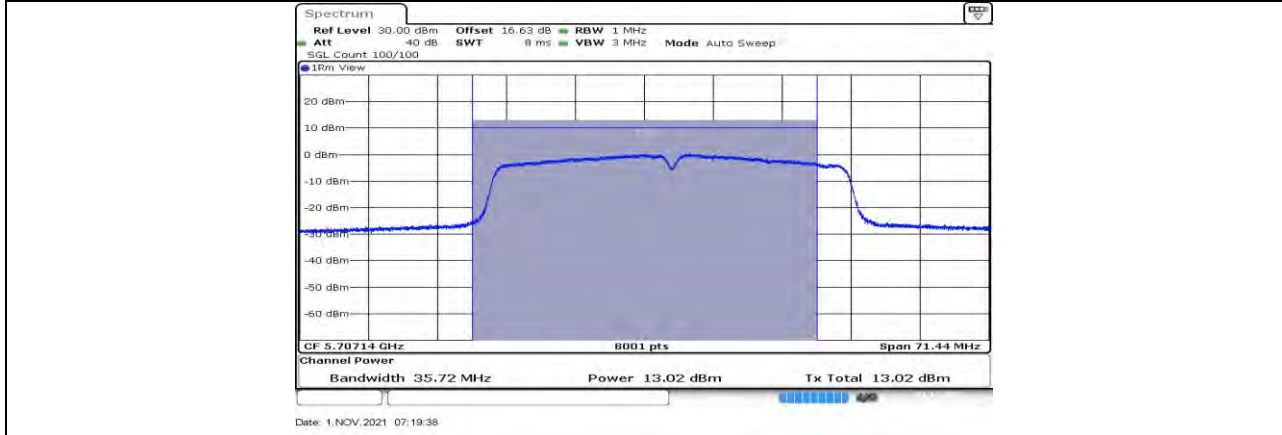
11N20MIMO\_Ant2\_5720\_UNII-2C



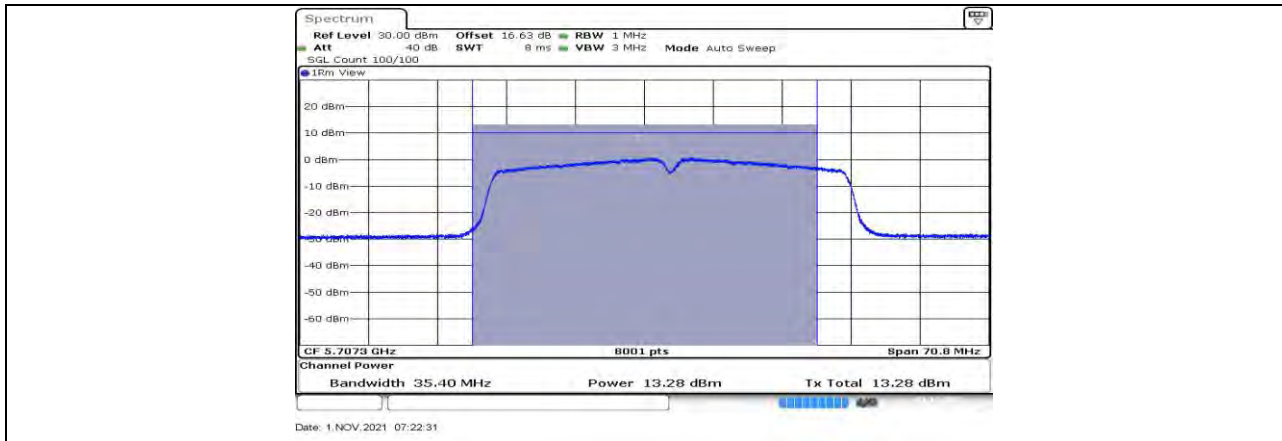
11N20MIMO Ant1 5720 UNII-3



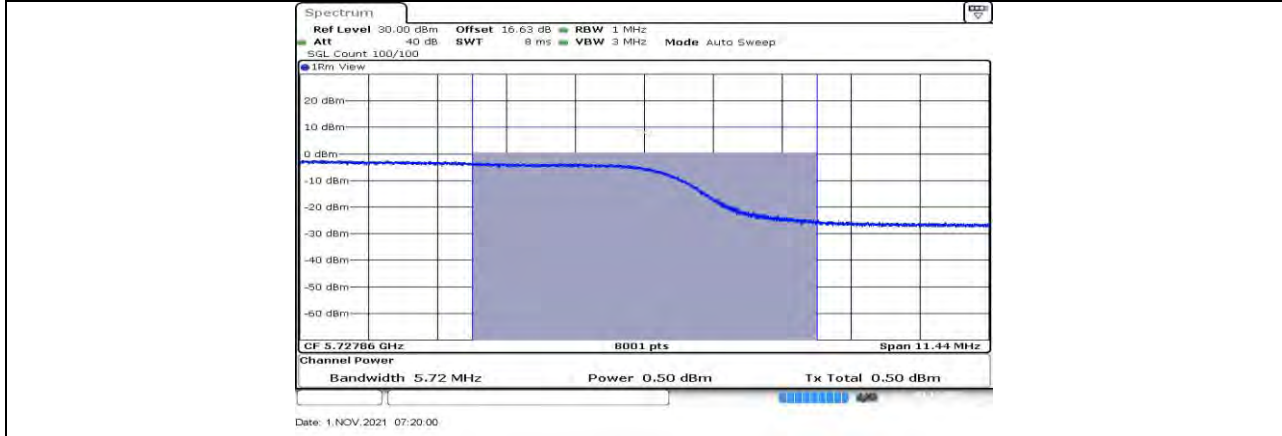
11N20MIMO Ant2 5720 UNII-3



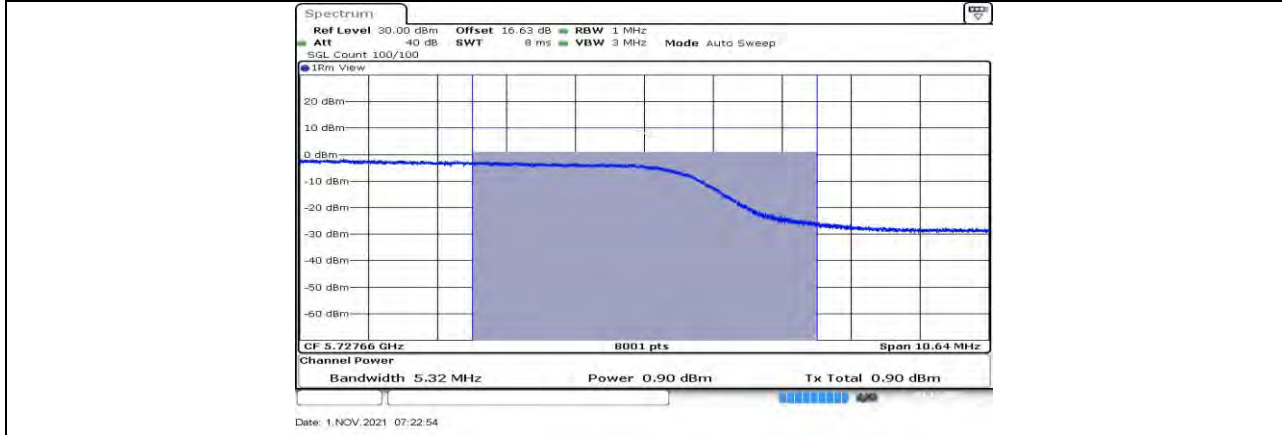
11N40MIMO Ant1 5710 UNII-2C



11N40MIMO\_Ant2\_5710\_UNII-2C

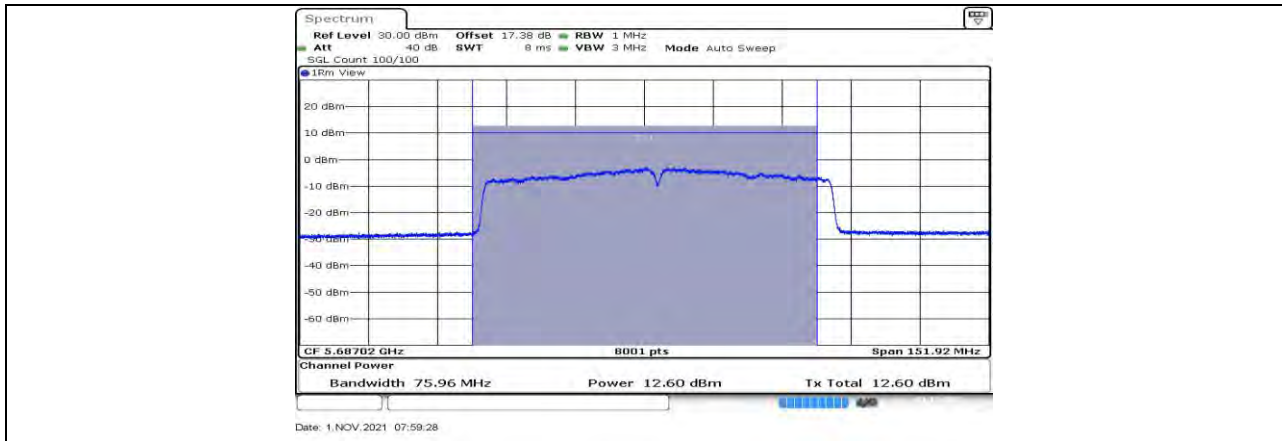


11N40MIMO\_Ant1\_5710\_UNII-3

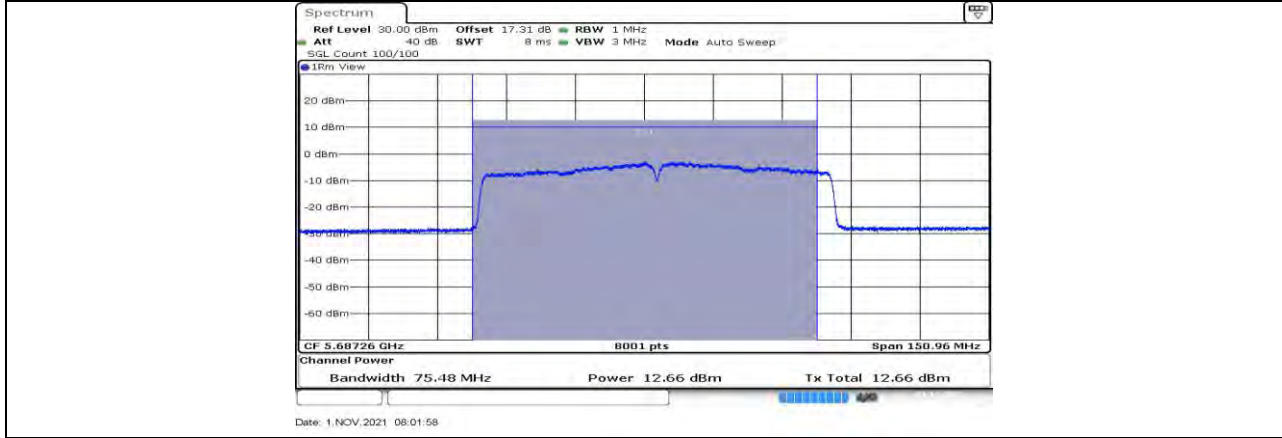


11N40MIMO\_Ant2\_5710\_UNII-3

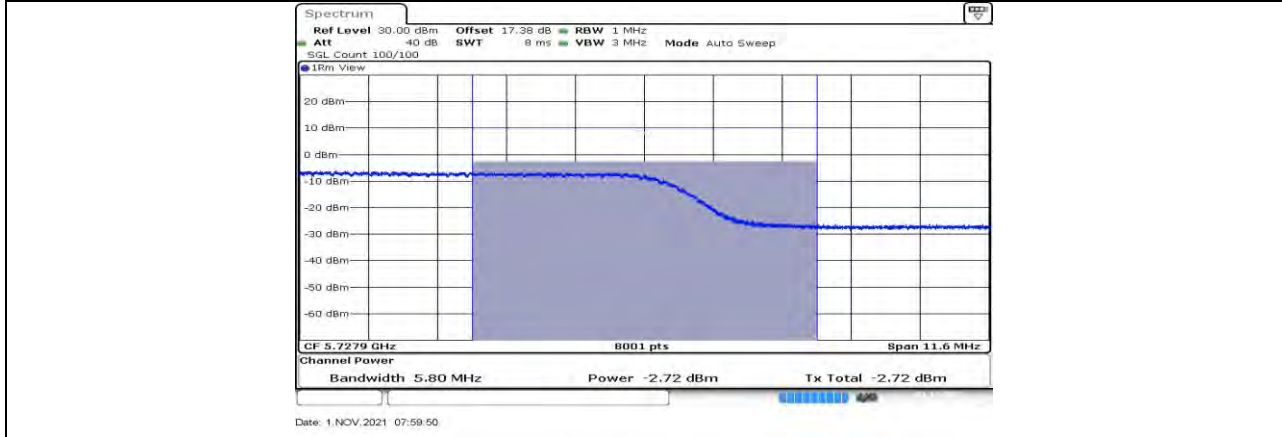




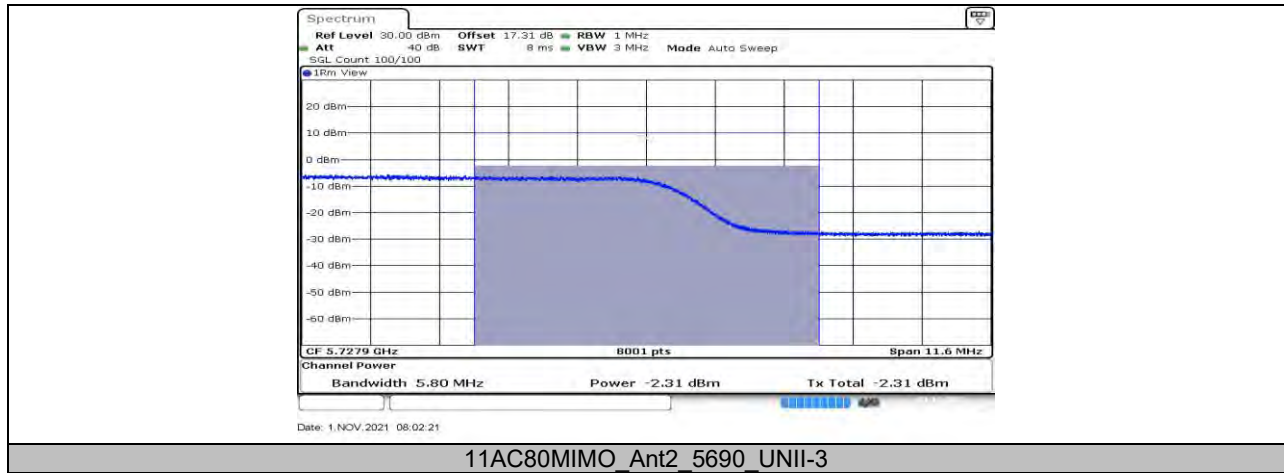
11AC80MIMO Ant1\_5690\_UNII-2C



11AC80MIMO Ant2\_5690\_UNII-2C



11AC80MIMO Ant1\_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
11A 20	Ant1	5180	-0.02	≤11	3.45	≤10	PASS
	Ant2	5180	2.92	≤11	6.39	≤10	PASS
	Ant1	5200	0.38	≤11	3.85	≤10	PASS
	Ant2	5200	2.33	≤11	5.80	≤10	PASS
	Ant1	5240	0.33	≤11	3.80	≤10	PASS
	Ant2	5240	2.59	≤11	6.06	≤10	PASS
	Ant1	5260	1.03	≤11	---	---	PASS
	Ant2	5260	2.96	≤11	---	---	PASS
	Ant1	5280	1.2	≤11	---	---	PASS
	Ant2	5280	3.34	≤11	---	---	PASS
	Ant1	5320	1.75	≤11	---	---	PASS
	Ant2	5320	3.23	≤11	---	---	PASS
	Ant1	5500	2.65	≤11	---	---	PASS
	Ant2	5500	3.4	≤11	---	---	PASS
	Ant1	5580	2.75	≤11	---	---	PASS
	Ant2	5580	3.57	≤11	---	---	PASS
	Ant1	5700	2.01	≤11	---	---	PASS
	Ant2	5700	3.33	≤11	---	---	PASS
	Ant1	5720_UNII-2C	2.13	≤11	---	---	PASS
	Ant2	5720_UNII-2C	3.12	≤11	---	---	PASS
	Ant1	5720_UNII-3	-2.84	≤11	---	---	PASS
	Ant2	5720_UNII-3	-1.73	≤11	---	---	PASS
	Ant1	5745	-0.96	≤30	---	---	PASS
	Ant2	5745	0.04	≤30	---	---	PASS
	Ant1	5785	-1.26	≤30	---	---	PASS
	Ant2	5785	-0.08	≤30	---	---	PASS
	Ant1	5825	0.09	≤30	---	---	PASS
	Ant2	5825	0.64	≤30	---	---	PASS
11N20MIMO	Ant1	5180	0.01	≤11	3.48	≤10	PASS
	Ant2	5180	-0.26	≤11	3.21	≤10	PASS
	total	5180	2.89	≤11	6.36	≤10	PASS
	Ant1	5200	-3.75	≤11	-0.28	≤10	PASS
	Ant2	5200	-0.47	≤11	3.00	≤10	PASS
	total	5200	1.20	≤11	4.67	≤10	PASS
	Ant1	5240	-2.04	≤11	1.43	≤10	PASS
	Ant2	5240	-0.09	≤11	3.38	≤10	PASS
	total	5240	2.05	≤11	5.52	≤10	PASS
	Ant1	5260	0.9	≤11	---	---	PASS
	Ant2	5260	3.19	≤11	---	---	PASS
	total	5260	5.20	≤11	---	---	PASS
	Ant1	5280	1.44	≤11	---	---	PASS
	Ant2	5280	3.68	≤11	---	---	PASS
	total	5280	5.71	≤11	---	---	PASS
	Ant1	5320	2.06	≤11	---	---	PASS
	Ant2	5320	3.46	≤11	---	---	PASS
	total	5320	5.83	≤11	---	---	PASS
	Ant1	5500	3.04	≤11	---	---	PASS
	Ant2	5500	3.75	≤11	---	---	PASS
	total	5500	6.42	≤11	---	---	PASS
	Ant1	5580	2.83	≤11	---	---	PASS
Ant2	5580	3.88	≤11	---	---	PASS	



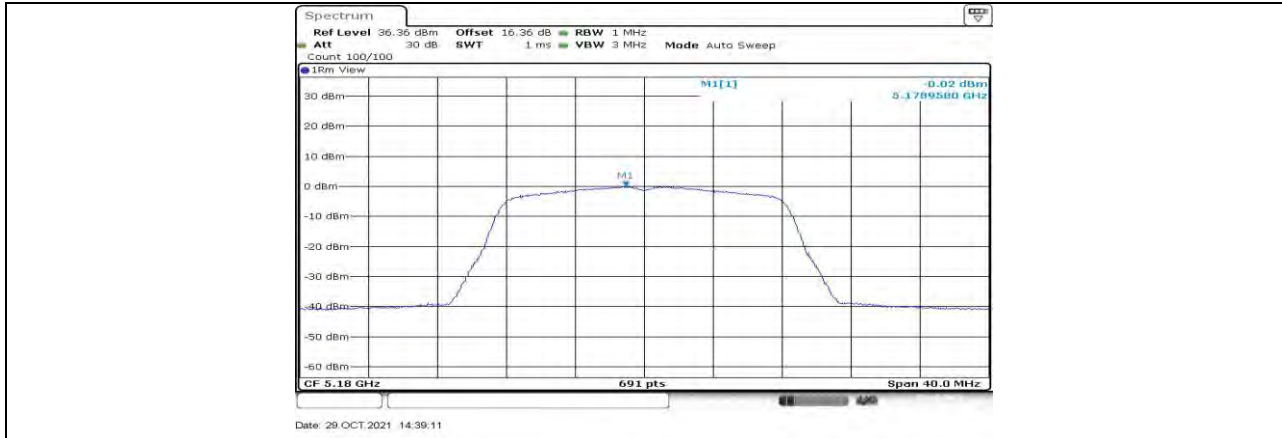
	total	5580	6.40	≤11	---	---	PASS
	Ant1	5700	2.1	≤11	---	---	PASS
	Ant2	5700	3.38	≤11	---	---	PASS
	total	5700	5.80	≤11	---	---	PASS
	Ant1	5720_UNII-2C	3.28	≤11	---	---	PASS
	Ant2	5720_UNII-2C	3.71	≤11	---	---	PASS
	total	5720_UNII-2C	6.51	≤11	---	---	PASS
	Ant1	5720_UNII-3	-1.38	≤11	---	---	PASS
	Ant2	5720_UNII-3	-1.19	≤11	---	---	PASS
	total	5720_UNII-3	1.73	≤11	---	---	PASS
	Ant1	5745	-0.73	≤30	---	---	PASS
	Ant2	5745	0.22	≤30	---	---	PASS
	total	5745	2.78	≤30	---	---	PASS
	Ant1	5785	-0.88	≤30	---	---	PASS
	Ant2	5785	0.26	≤30	---	---	PASS
	total	5785	2.74	≤30	---	---	PASS
	Ant1	5825	0.12	≤30	---	---	PASS
	Ant2	5825	0.87	≤30	---	---	PASS
	total	5825	3.52	≤30	---	---	PASS
	Ant1	5190	-2.88	≤11	0.59	≤10	PASS
	Ant2	5190	-1.24	≤11	2.23	≤10	PASS
	total	5190	1.03	≤11	4.50	≤10	PASS
	Ant1	5230	-3.03	≤11	0.44	≤10	PASS
	Ant2	5230	-1.42	≤11	2.05	≤10	PASS
	total	5230	0.86	≤11	4.33	≤10	PASS
	Ant1	5270	-2.92	≤11	---	---	PASS
	Ant2	5270	-0.3	≤11	---	---	PASS
	total	5270	1.59	≤11	---	---	PASS
	Ant1	5310	-2.59	≤11	---	---	PASS
	Ant2	5310	-0.48	≤11	---	---	PASS
	total	5310	1.60	≤11	---	---	PASS
	Ant1	5510	-1.62	≤11	---	---	PASS
	Ant2	5510	-0.45	≤11	---	---	PASS
	total	5510	2.01	≤11	---	---	PASS
	Ant1	5550	-2.47	≤11	---	---	PASS
	Ant2	5550	-0.44	≤11	---	---	PASS
	total	5550	1.67	≤11	---	---	PASS
	Ant1	5670	-3.74	≤11	---	---	PASS
	Ant2	5670	-1.36	≤11	---	---	PASS
	total	5670	0.62	≤11	---	---	PASS
	Ant1	5710_UNII-2C	-0.26	≤11	---	---	PASS
	Ant2	5710_UNII-2C	0.3	≤11	---	---	PASS
	total	5710_UNII-2C	3.04	≤11	---	---	PASS
	Ant1	5710_UNII-3	-6.53	≤11	---	---	PASS
	Ant2	5710_UNII-3	-6.3	≤11	---	---	PASS
	total	5710_UNII-3	-3.40	≤11	---	---	PASS
	Ant1	5755	-5.59	≤30	---	---	PASS
	Ant2	5755	-4.87	≤30	---	---	PASS
	total	5755	-2.20	≤30	---	---	PASS
	Ant1	5795	-4.98	≤30	---	---	PASS
	Ant2	5795	-4.76	≤30	---	---	PASS
	total	5795	-1.86	≤30	---	---	PASS
11AC80MIMO	Ant1	5210	-3.53	≤11	-0.06	≤10	PASS
	Ant2	5210	-3.78	≤11	-0.31	≤10	PASS
	total	5210	-0.64	≤11	2.83	≤10	PASS



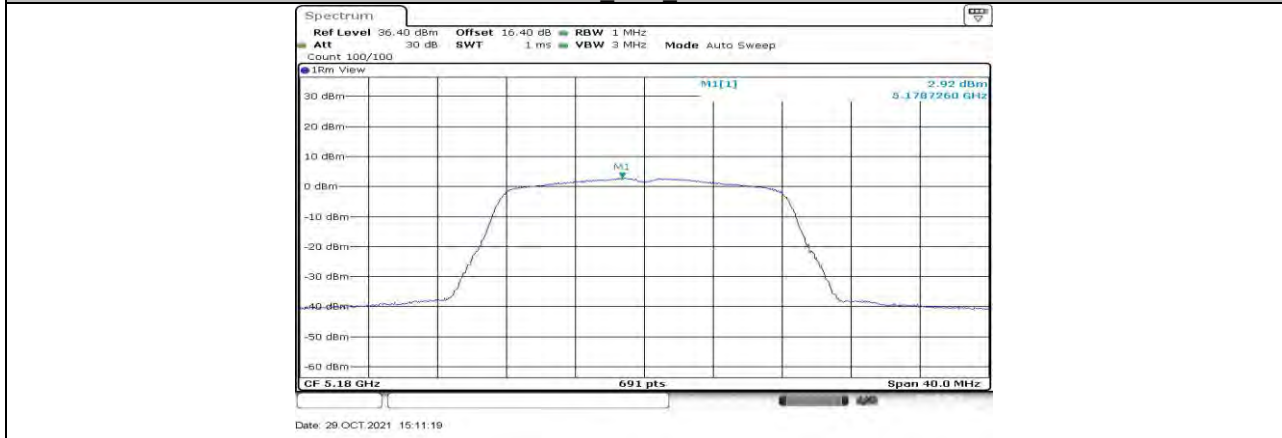
	Ant1	5290	-0.96	≤11	---	---	PASS
	Ant2	5290	-1.2	≤11	---	---	PASS
	total	5290	1.93	≤11	---	---	PASS
	Ant1	5530	-3.39	≤11	---	---	PASS
	Ant2	5530	-3.02	≤11	---	---	PASS
	total	5530	-0.19	≤11	---	---	PASS
	Ant1	5610	-3.35	≤11	---	---	PASS
	Ant2	5610	-3.43	≤11	---	---	PASS
	total	5610	-0.38	≤11	---	---	PASS
	Ant1	5690_UNII-2C	-3.5	≤11	---	---	PASS
	Ant2	5690_UNII-2C	-3.53	≤11	---	---	PASS
	total	5690_UNII-2C	-0.50	≤11	---	---	PASS
	Ant1	5690_UNII-3	-9.84	≤11	---	---	PASS
	Ant2	5690_UNII-3	-9.28	≤11	---	---	PASS
	total	5690_UNII-3	-6.54	≤11	---	---	PASS
	Ant1	5775	-4.84	≤30	---	---	PASS
	Ant2	5775	-5.41	≤30	---	---	PASS
	total	5775	-2.11	≤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.

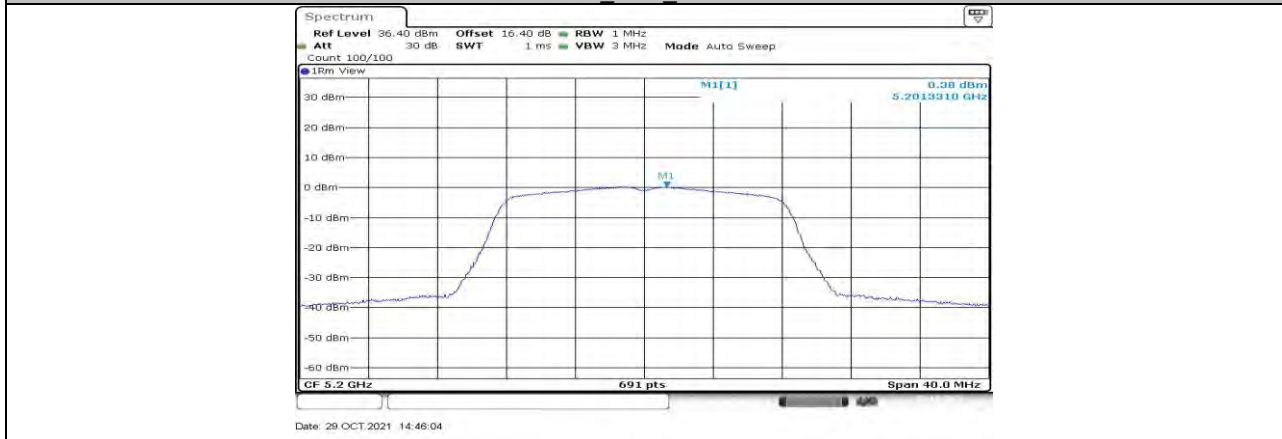
### 12.5.2. Test Graphs



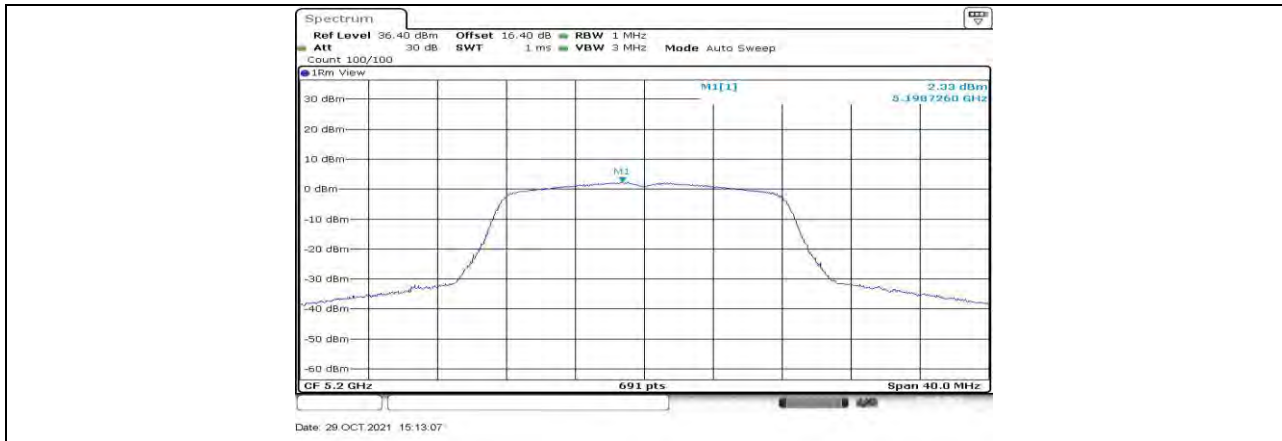
11A Ant1 5180



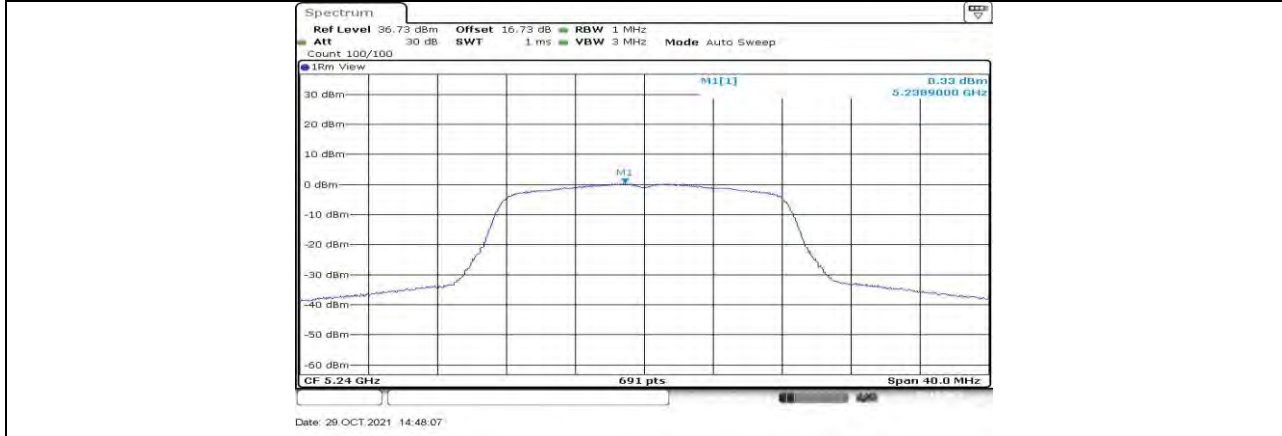
11A Ant2 5180



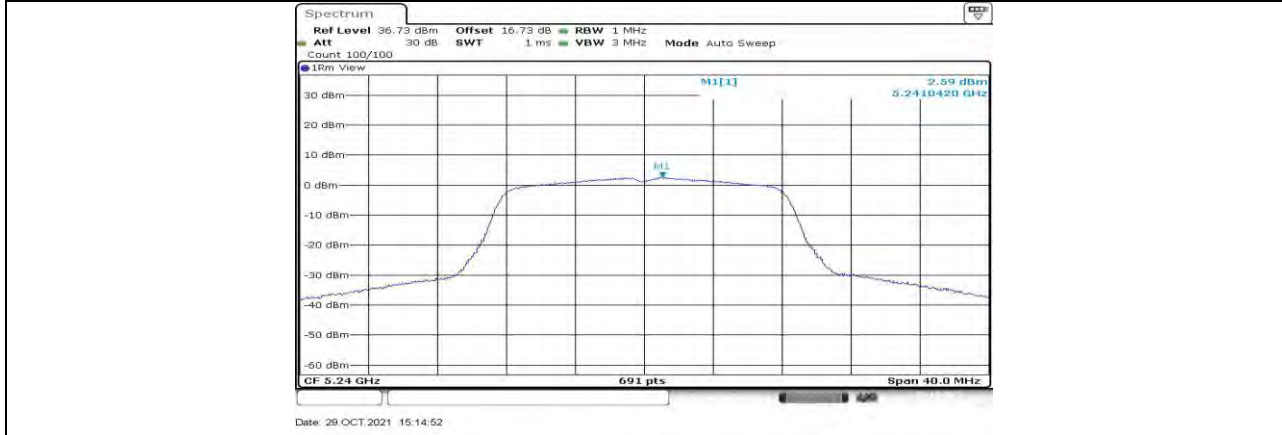
11A Ant1 5200



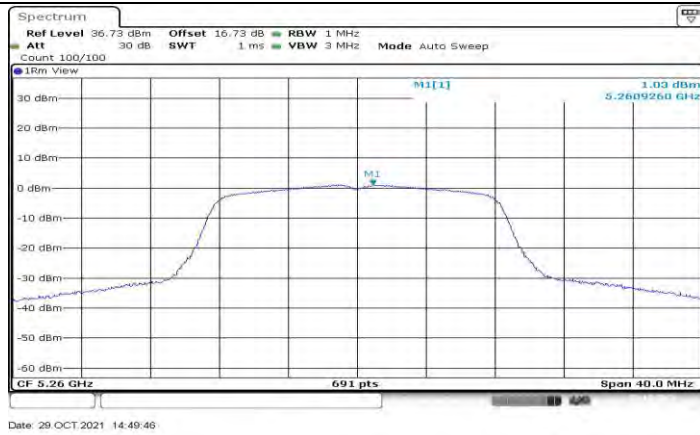
11A Ant2 5200



11A Ant1 5240



11A Ant2 5240



11A Ant1 5260

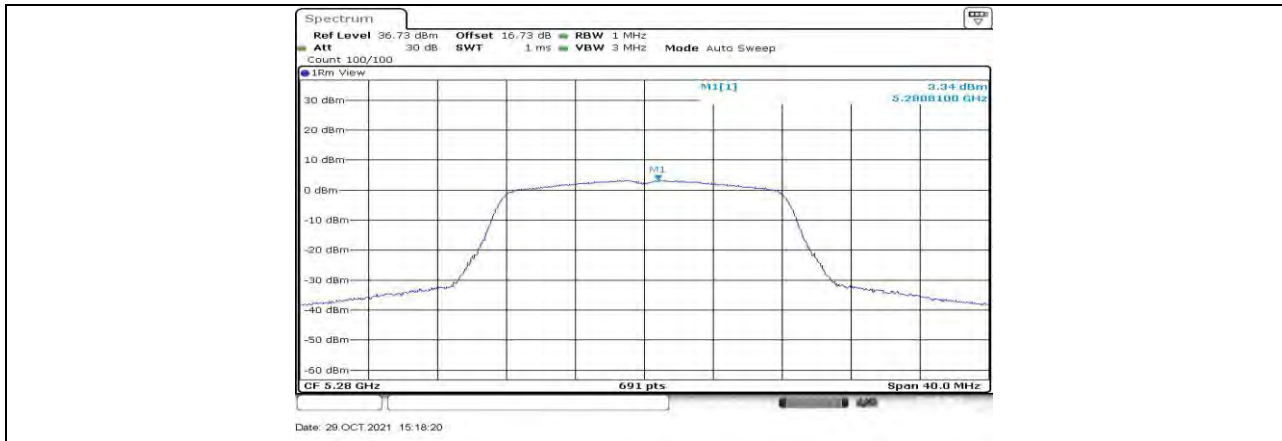


11A Ant2 5260

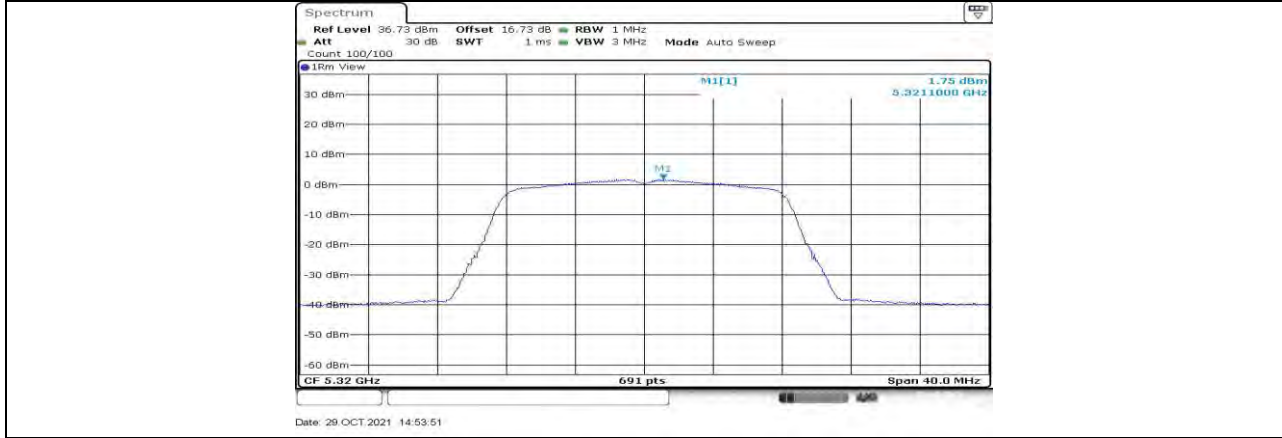


11A Ant1 5280





11A Ant2 5280



11A Ant1 5320



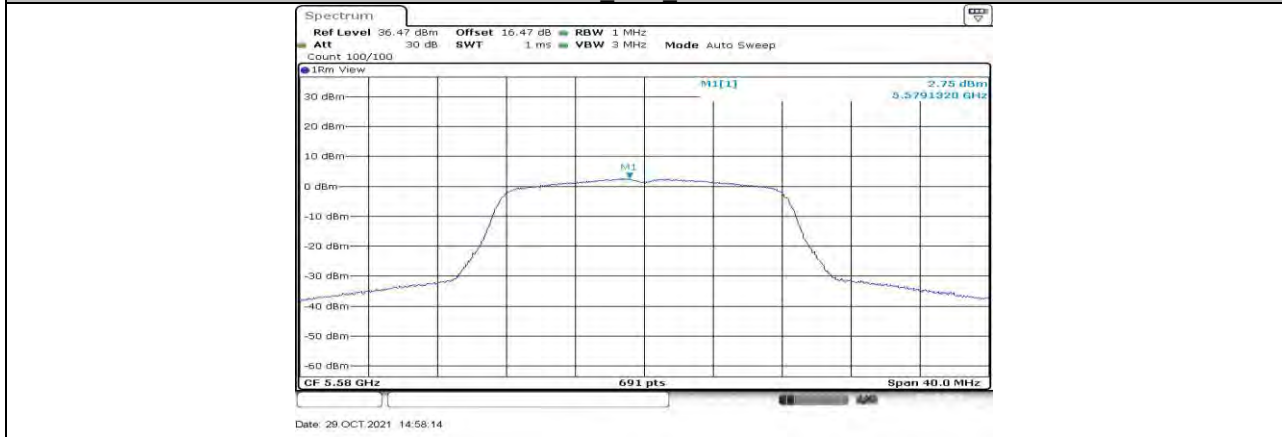
11A Ant2 5320



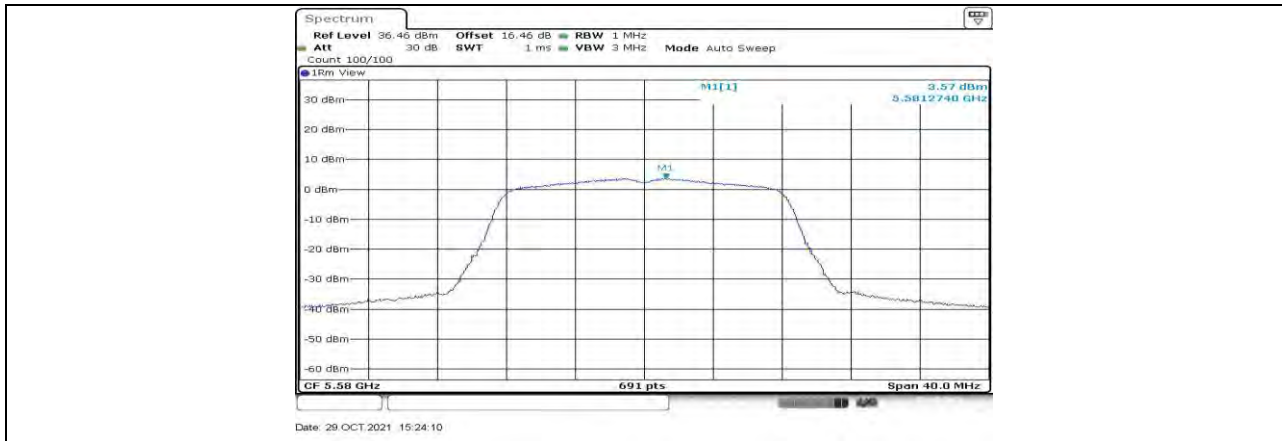
11A Ant1 5500



11A Ant2 5500



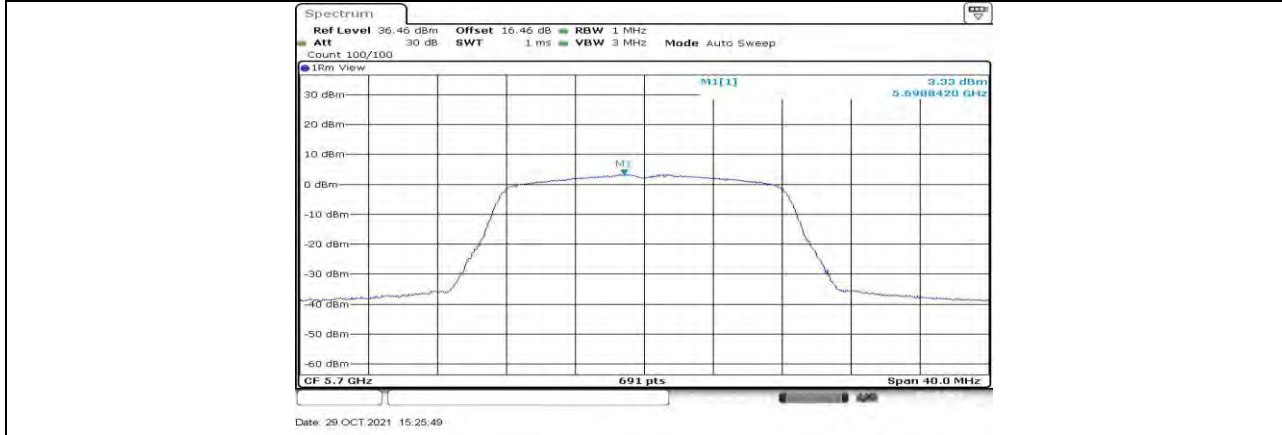
11A Ant1 5580



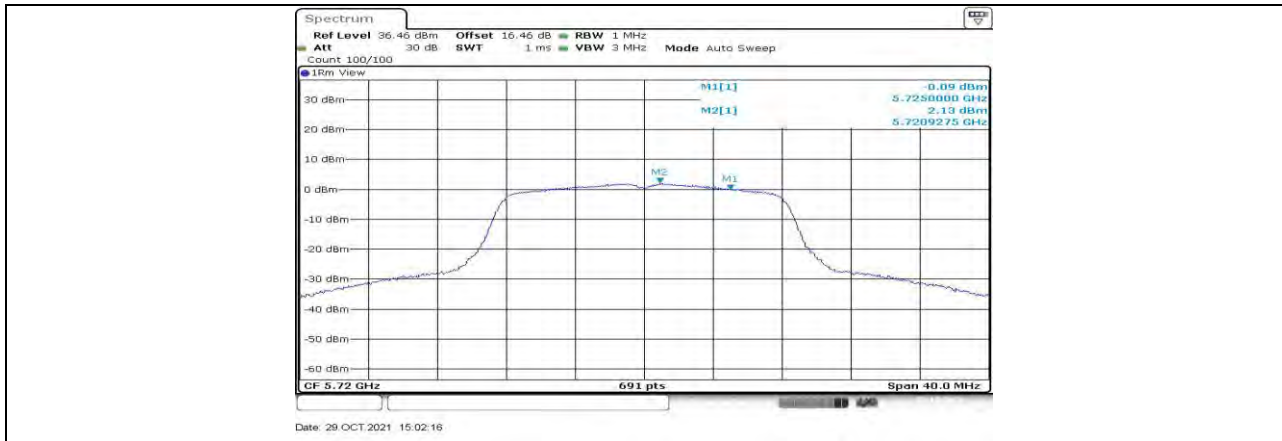
11A Ant2 5580



11A Ant1 5700



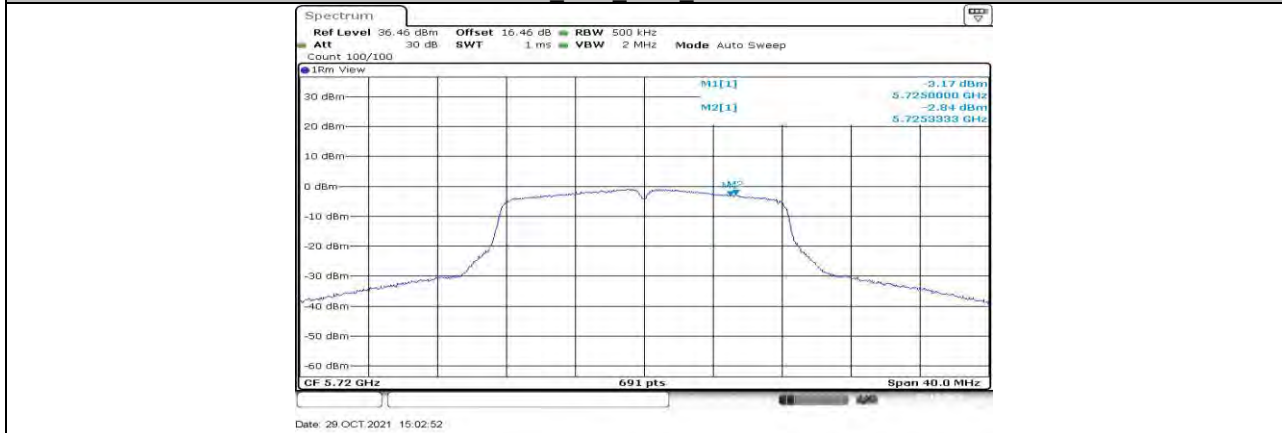
11A Ant2 5700



11A Ant1 5720 UNII-2C



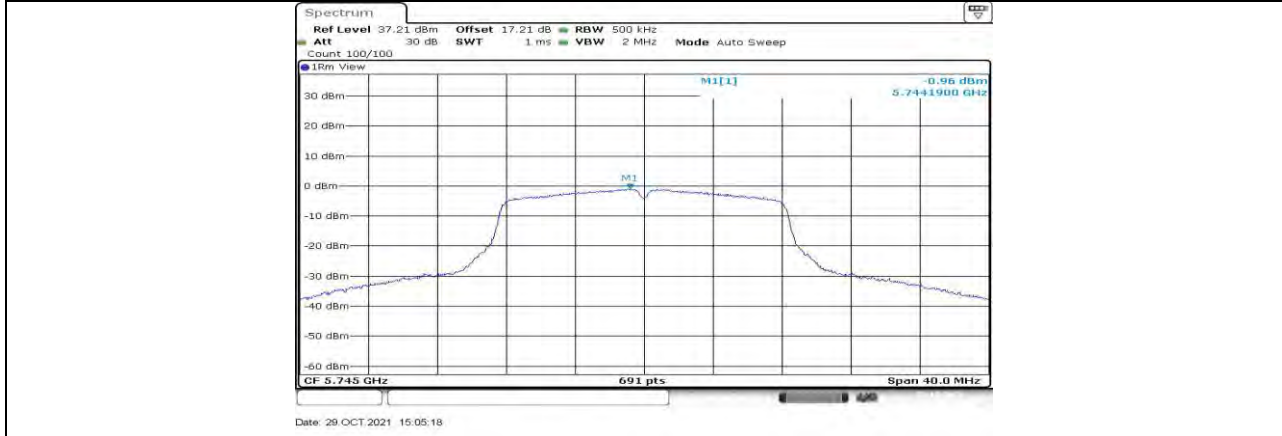
11A Ant2 5720 UNII-2C



11A Ant1 5720 UNII-3



11A Ant2 5720 UNII-3



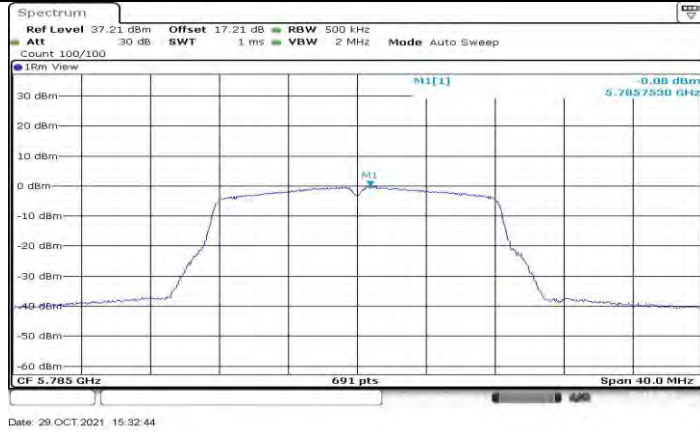
11A Ant1 5745



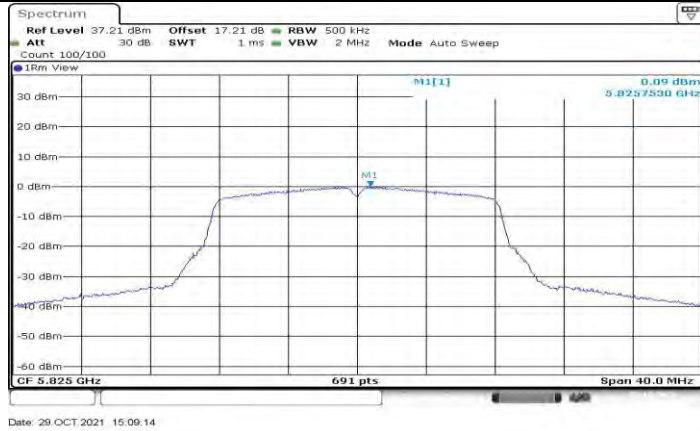
11A Ant2 5745



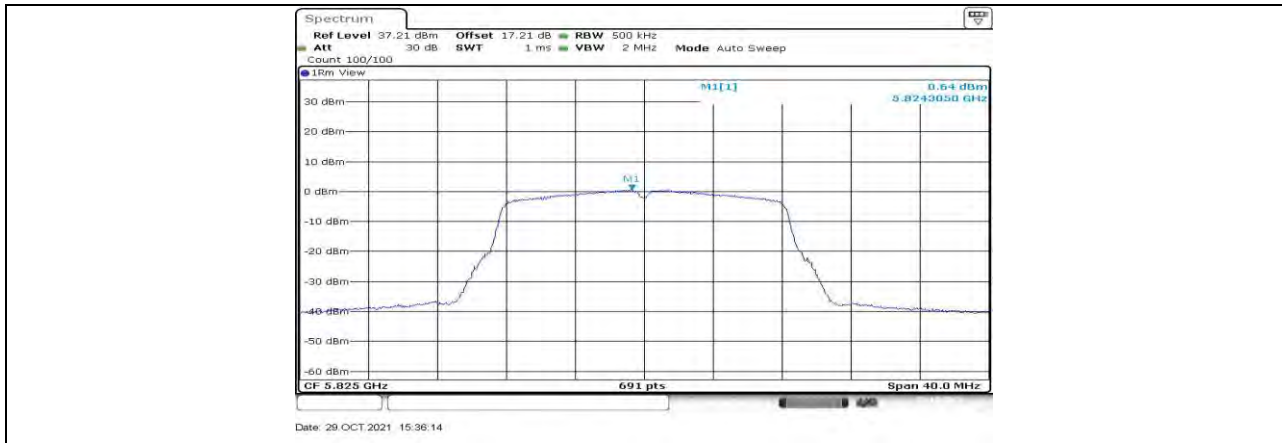
11A Ant1 5785



11A Ant2 5785



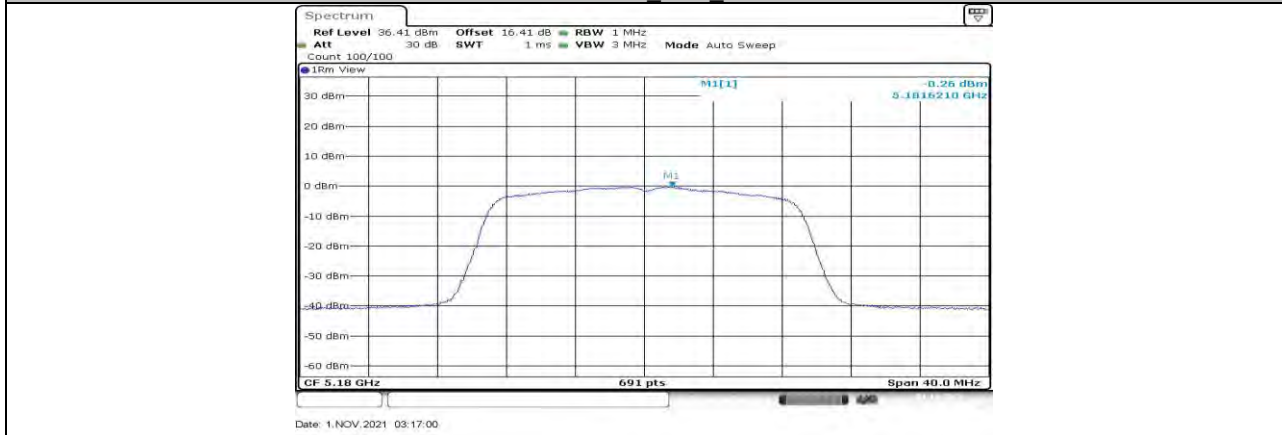
11A Ant1 5825



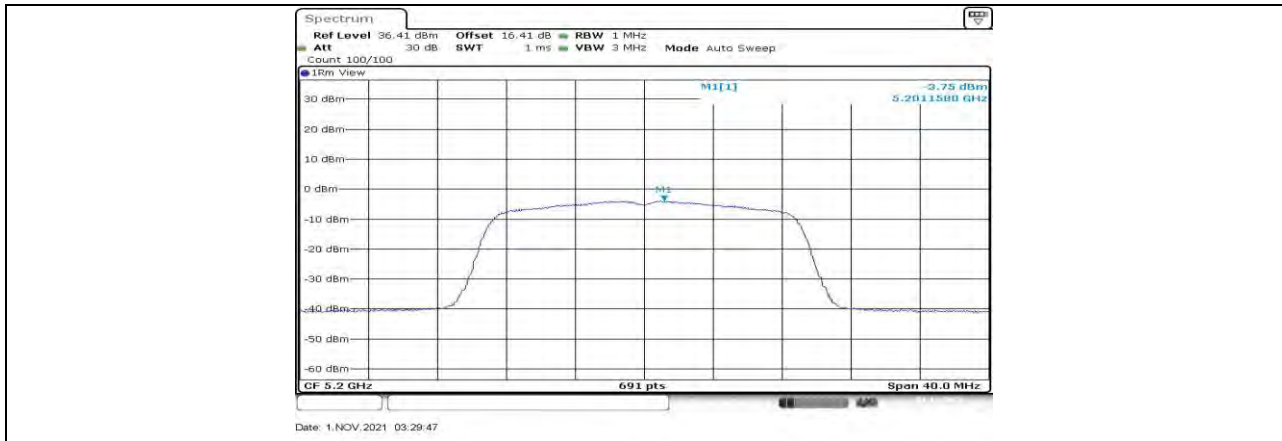
11A Ant2 5825



11N20MIMO Ant1 5180



11N20MIMO Ant2 5180



11N20MIMO Ant1 5200

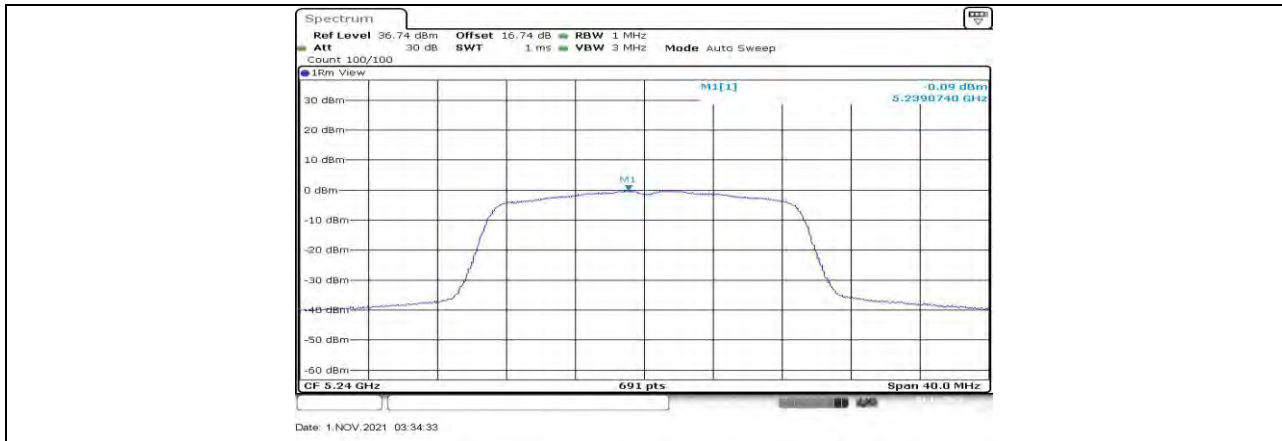


11N20MIMO Ant2 5200



11N20MIMO Ant1 5240





11N20MIMO Ant2 5240



11N20MIMO Ant1 5260



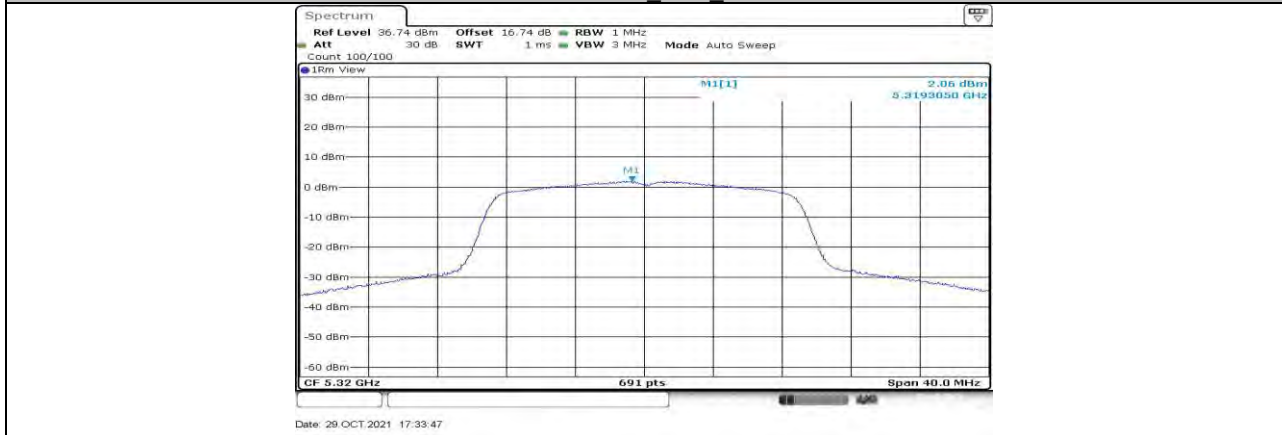
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11N20MIMO Ant1 5280



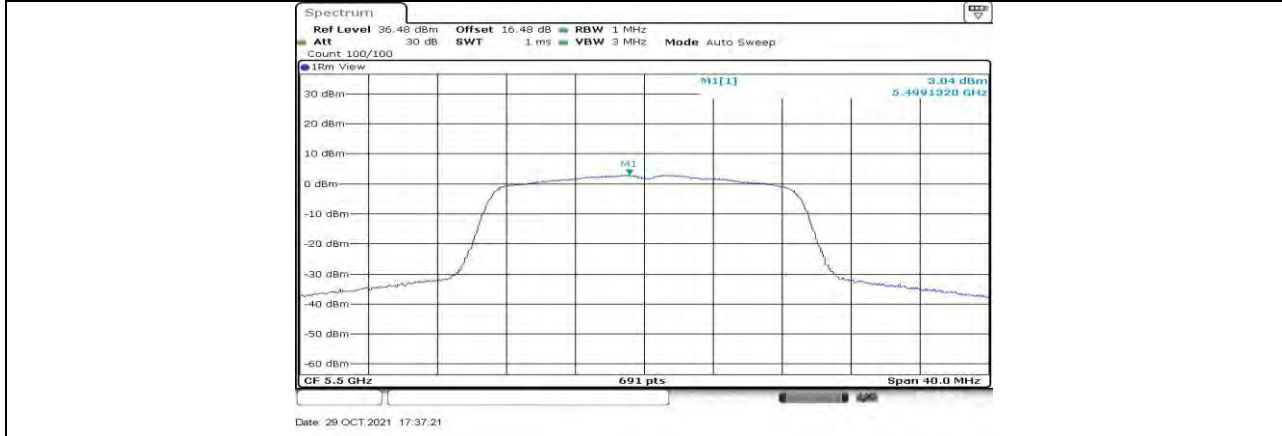
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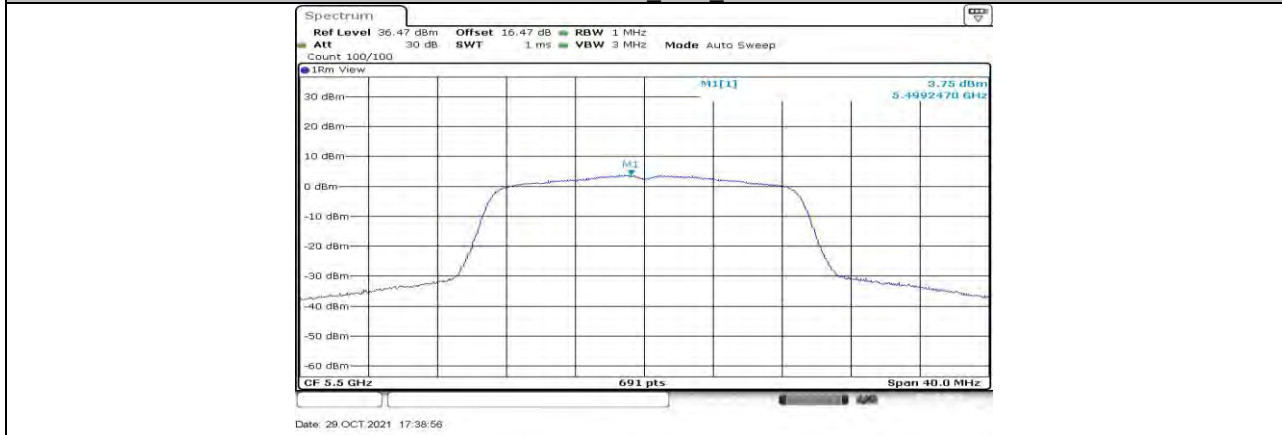
11N20MIMO Ant1 5320



11N20MIMO Ant2 5320



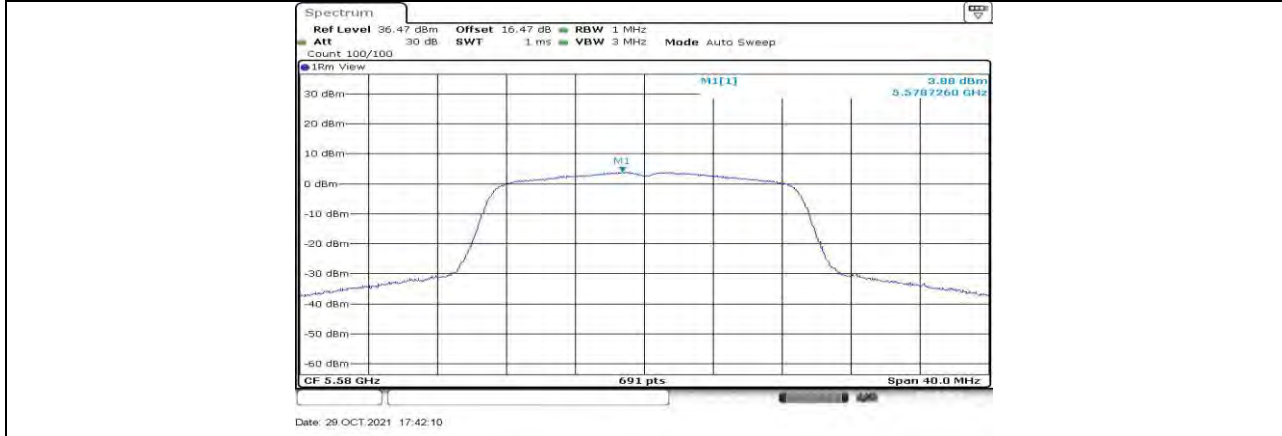
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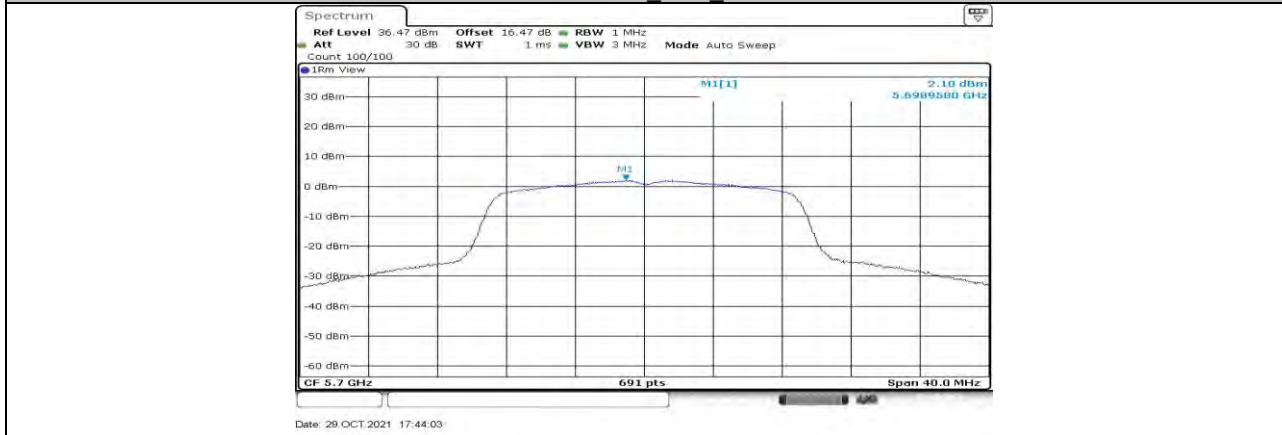
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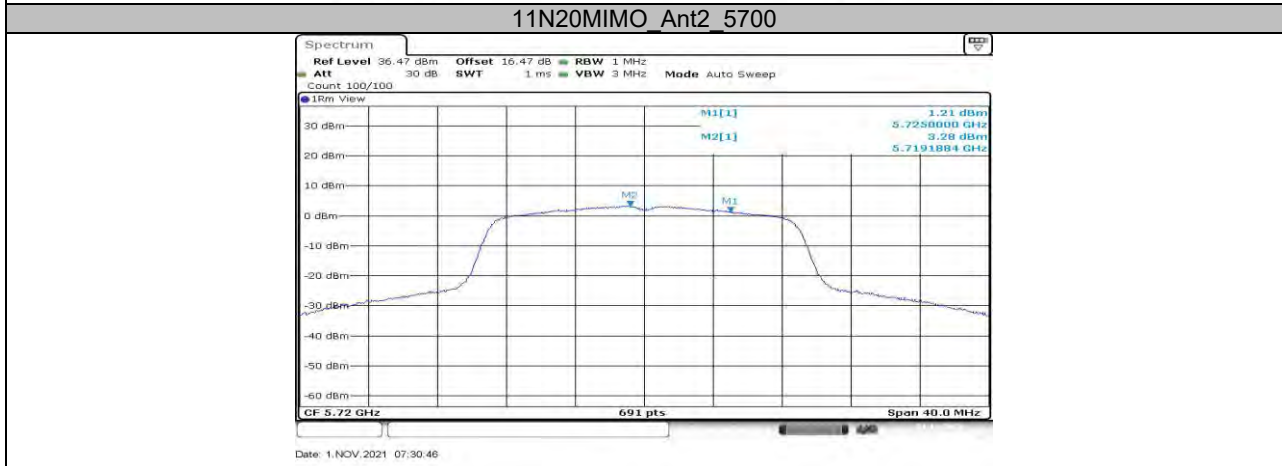
11N20MIMO Ant1 5580



11N20MIMO Ant2 5580



11N20MIMO Ant1 5700





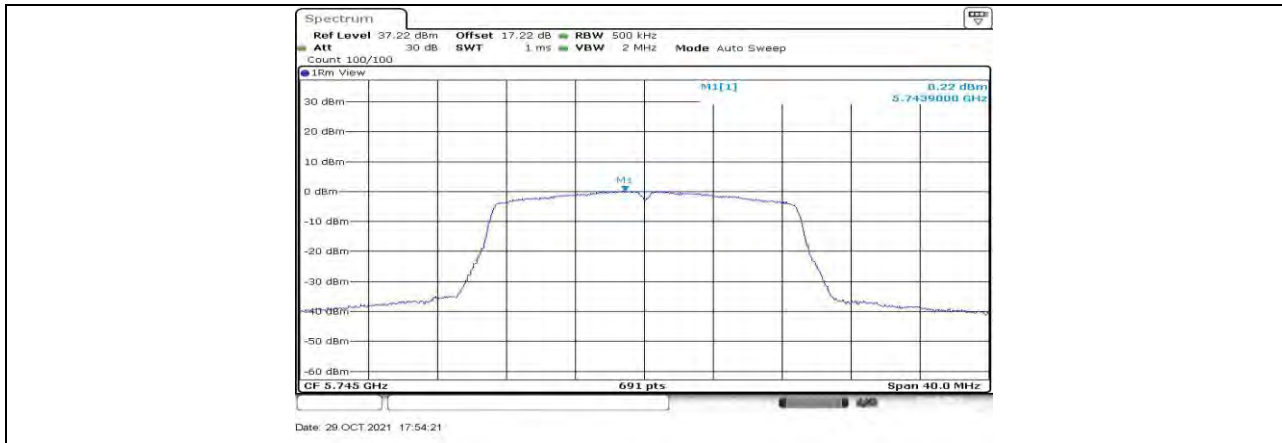
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11N20MIMO Ant2 5720 UNII-3



11N20MIMO Ant1 5745



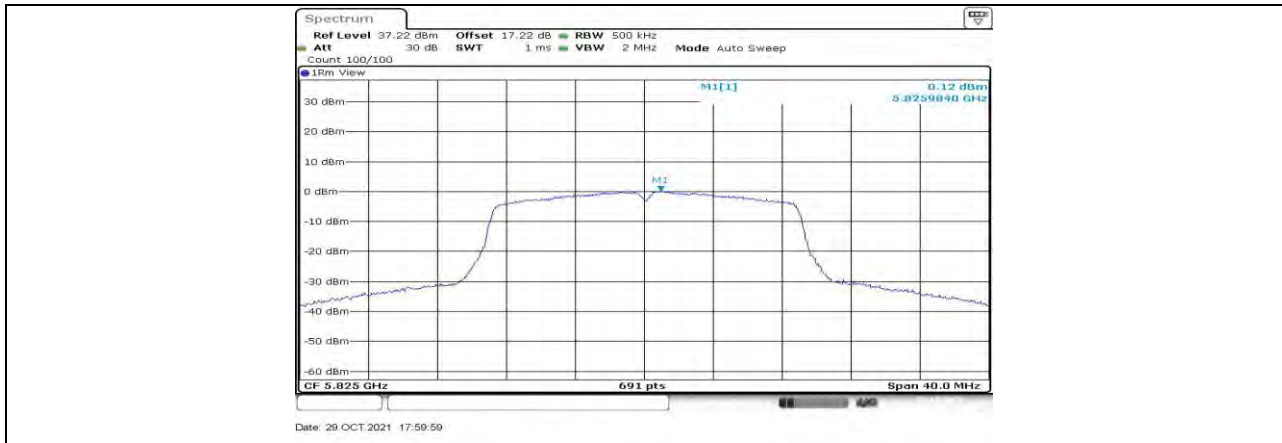
11N20MIMO Ant2 5745



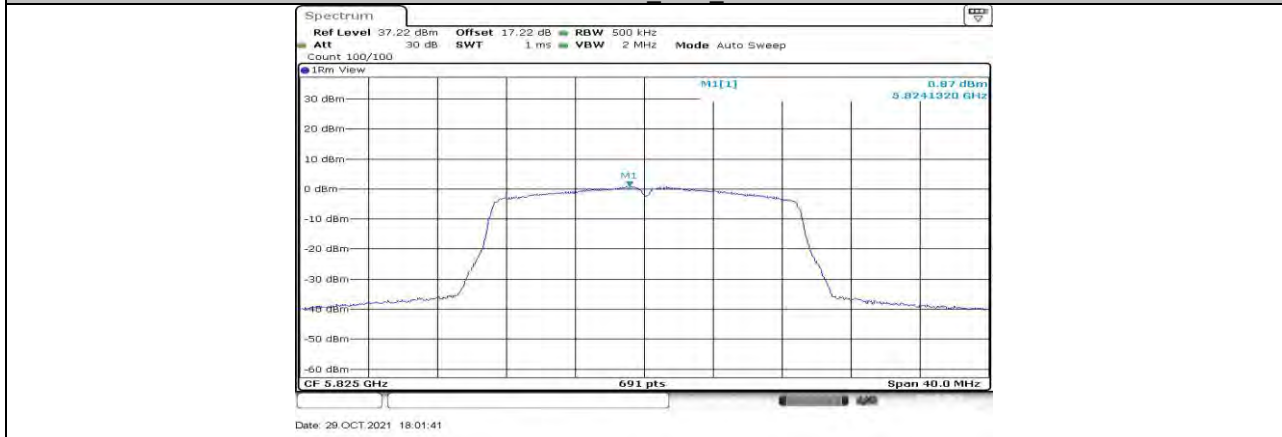
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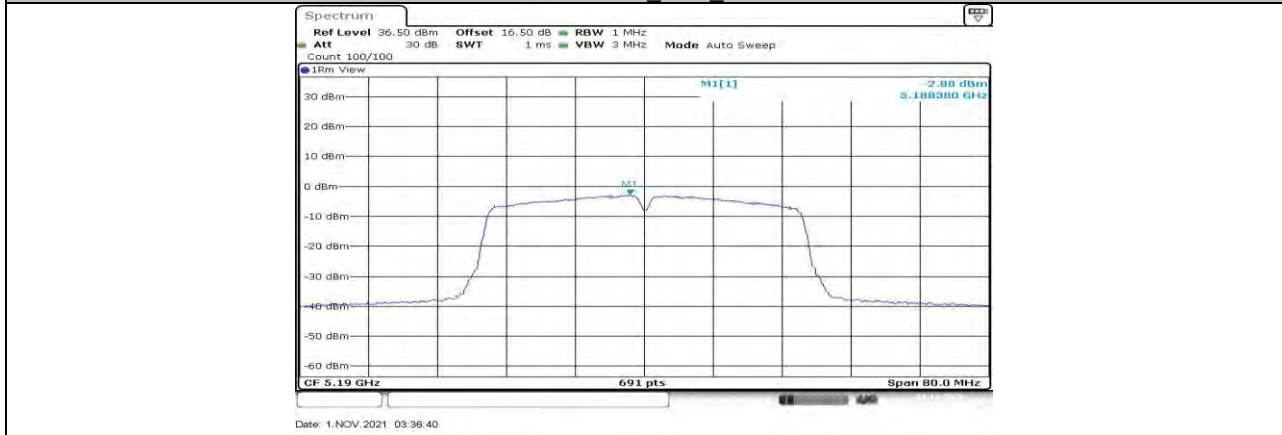
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11N20MIMO Ant1 5825

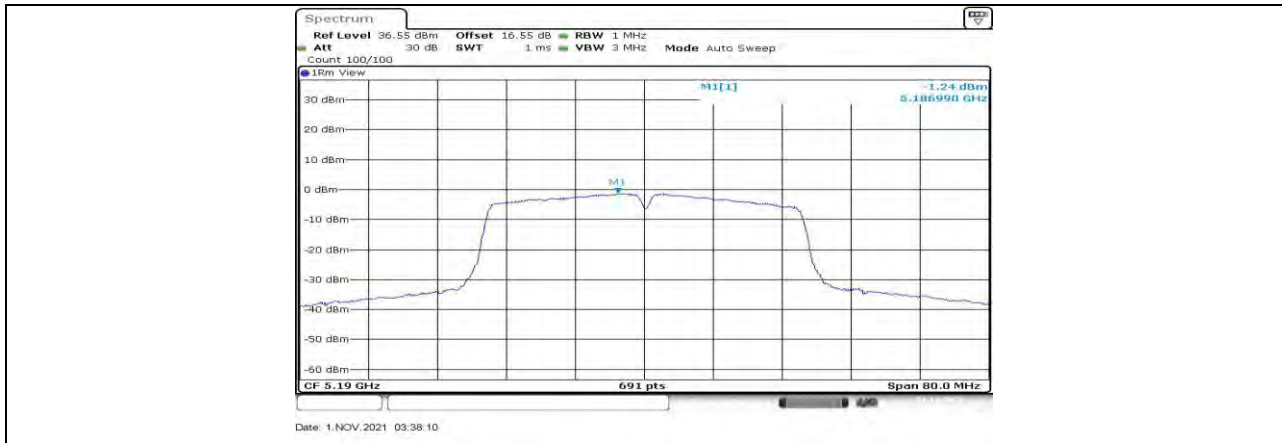


11N20MIMO Ant2 5825

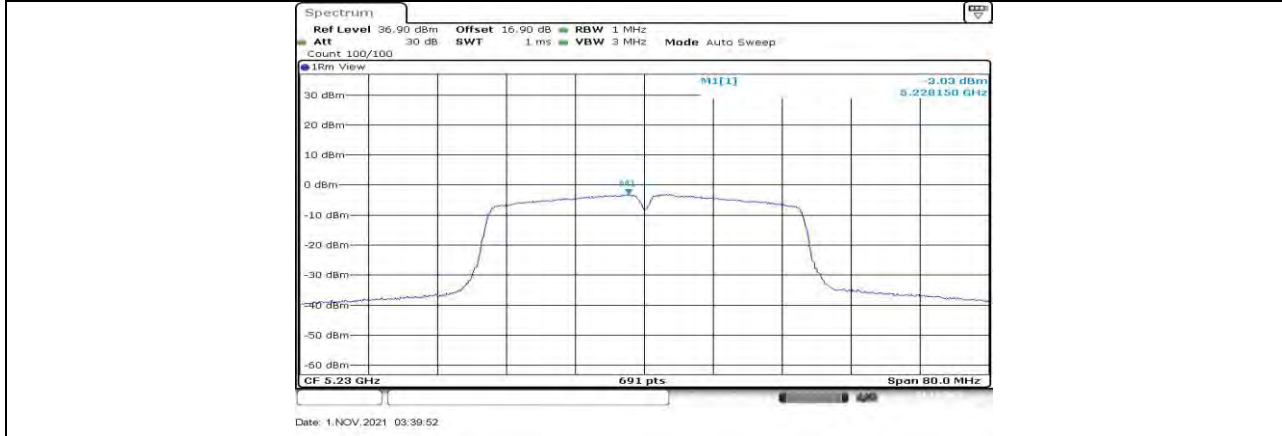


11N40MIMO Ant1 5190





11N40MIMO Ant2 5190



11N40MIMO Ant1 5230



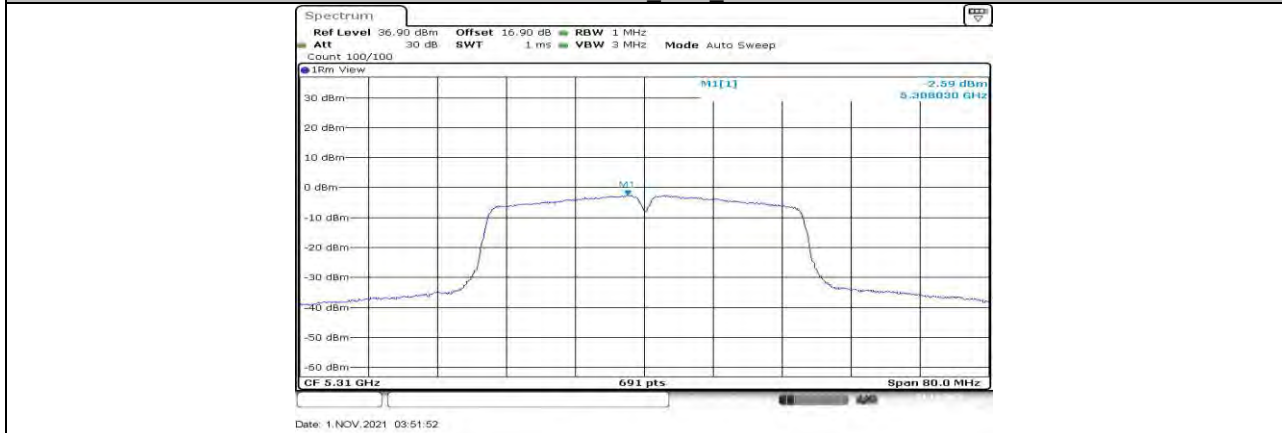
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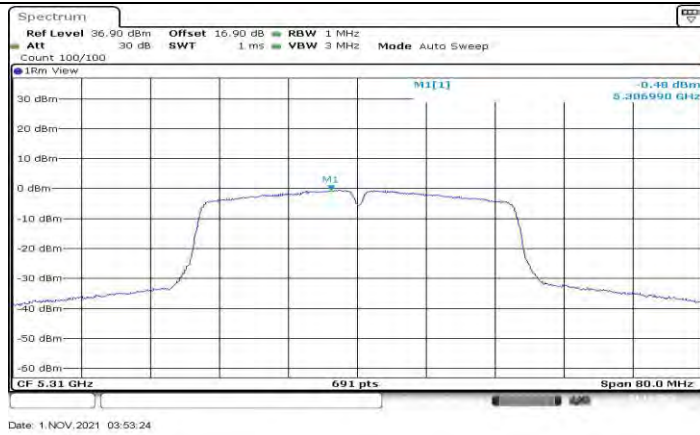
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11N40MIMO Ant2 5270



11N40MIMO Ant1 5310



11N40MIMO Ant2 5310



11N40MIMO Ant1 5510



11N40MIMO Ant2 5510



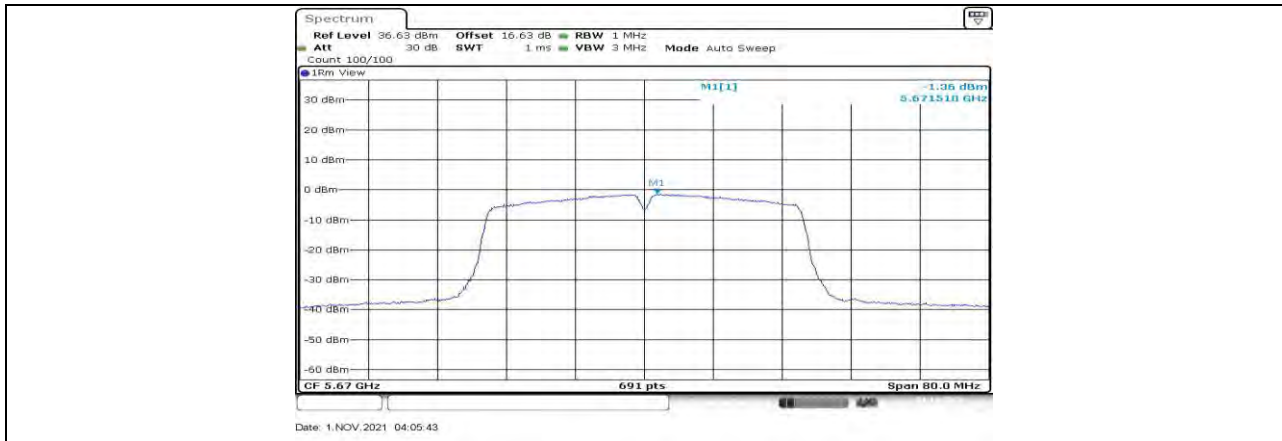
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11N40MIMO Ant2 5550

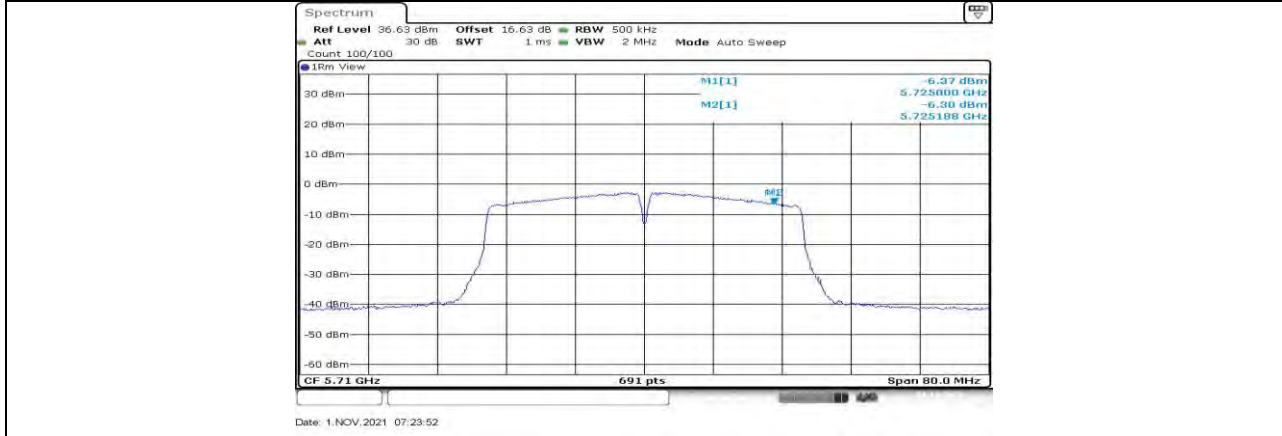


11N40MIMO Ant1 5670





11N40MIMO Ant1 5710 UNII-3



11N40MIMO Ant2 5710 UNII-3



11N40MIMO Ant1 5755



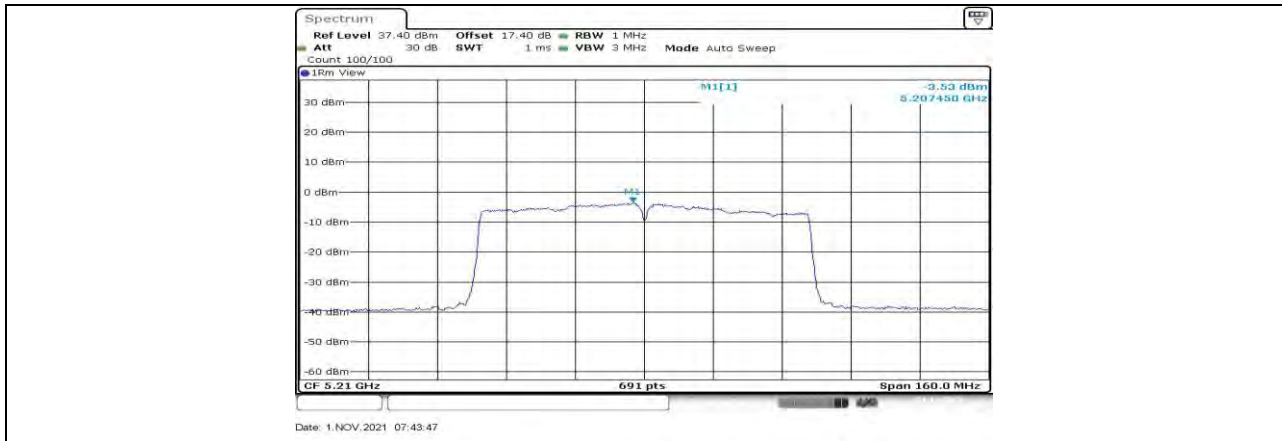
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11N40MIMO Ant1 5795



11N40MIMO Ant2 5795



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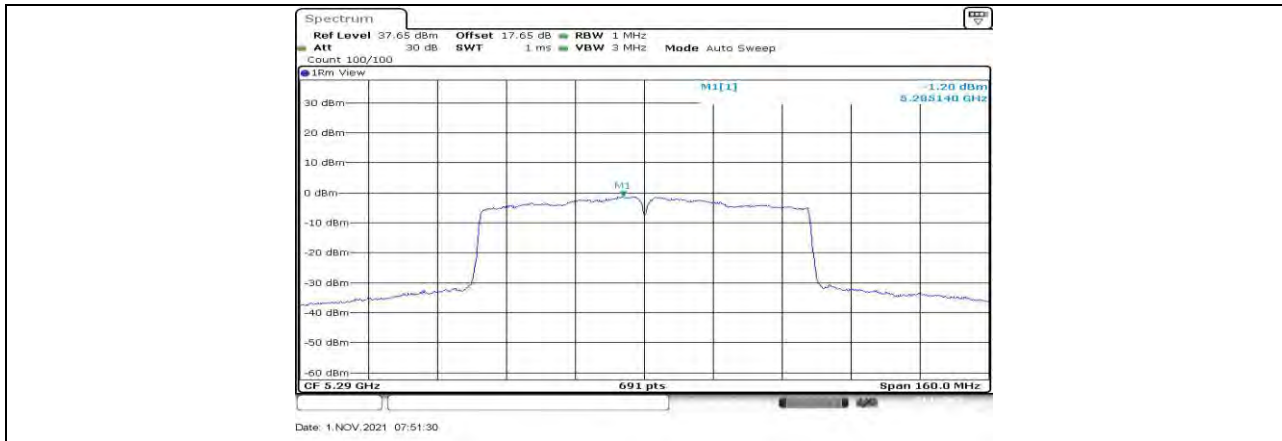


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11AC80MIMO\_Ant1\_5290

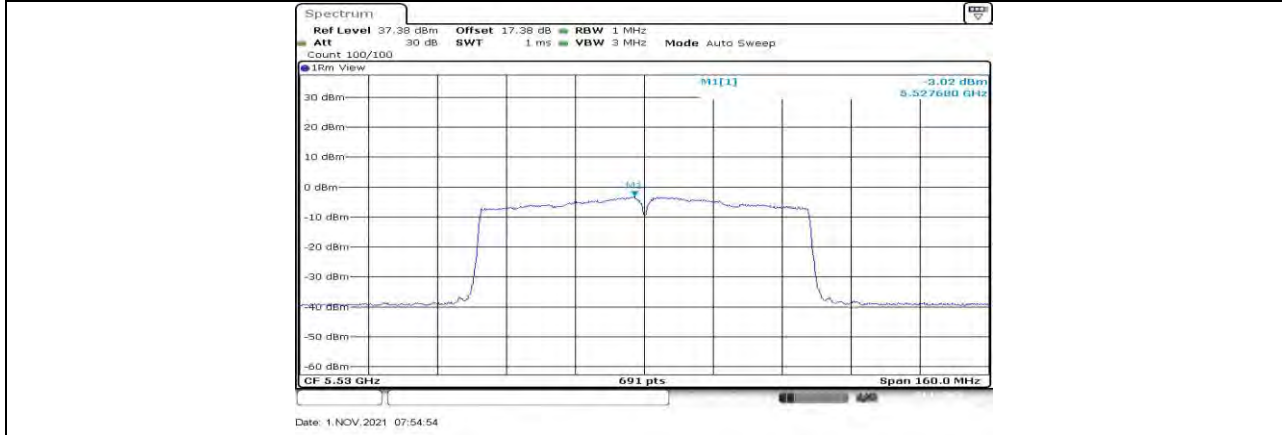




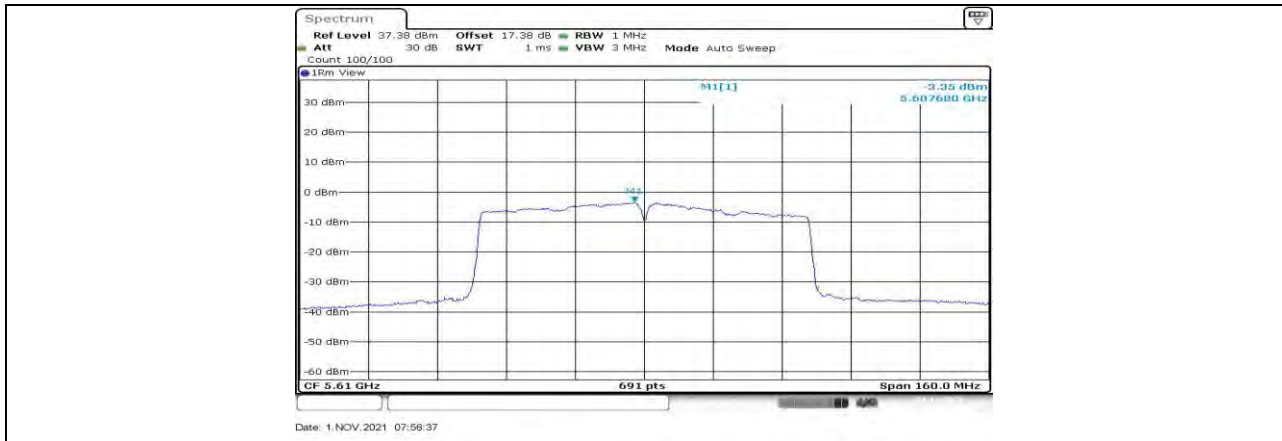
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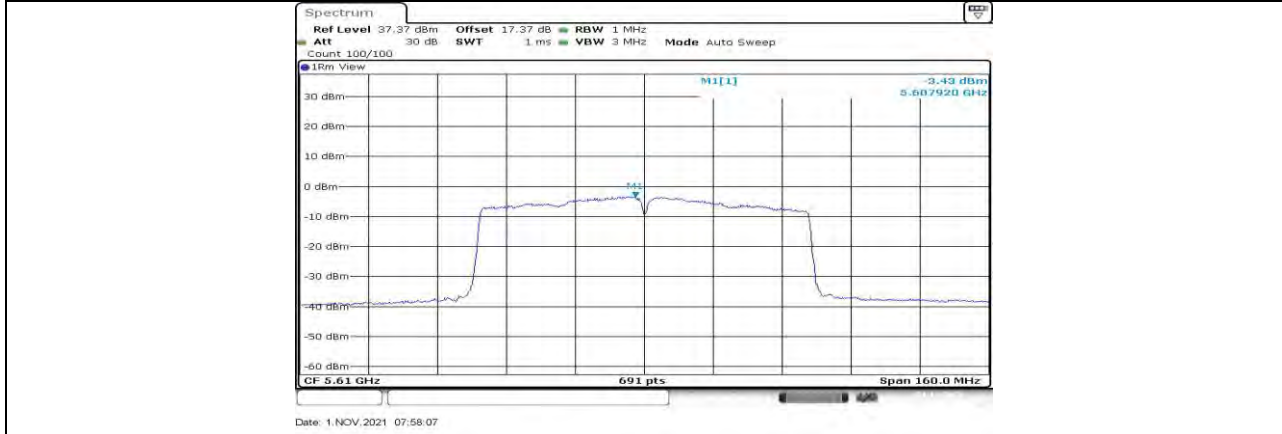
11AC80MIMO\_Ant1\_5530



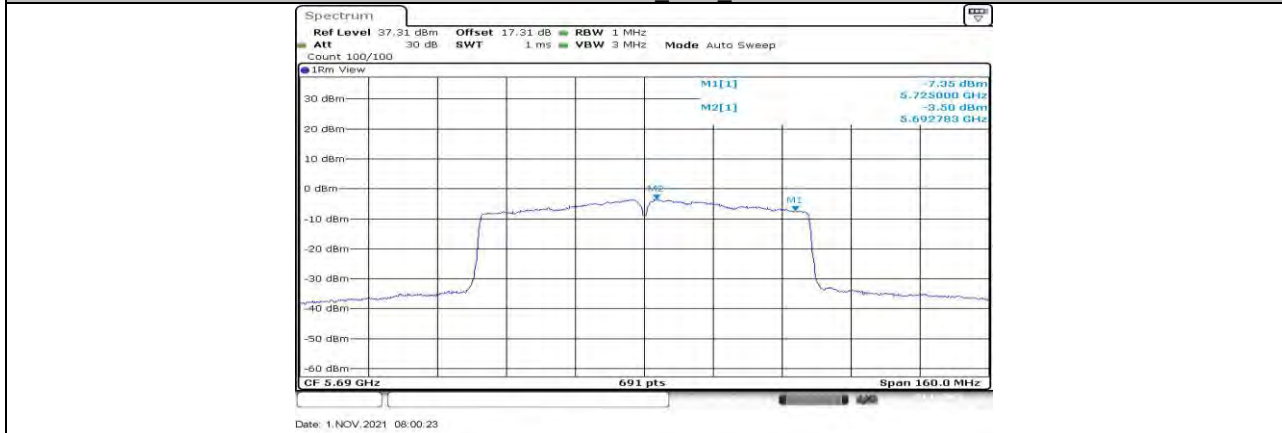
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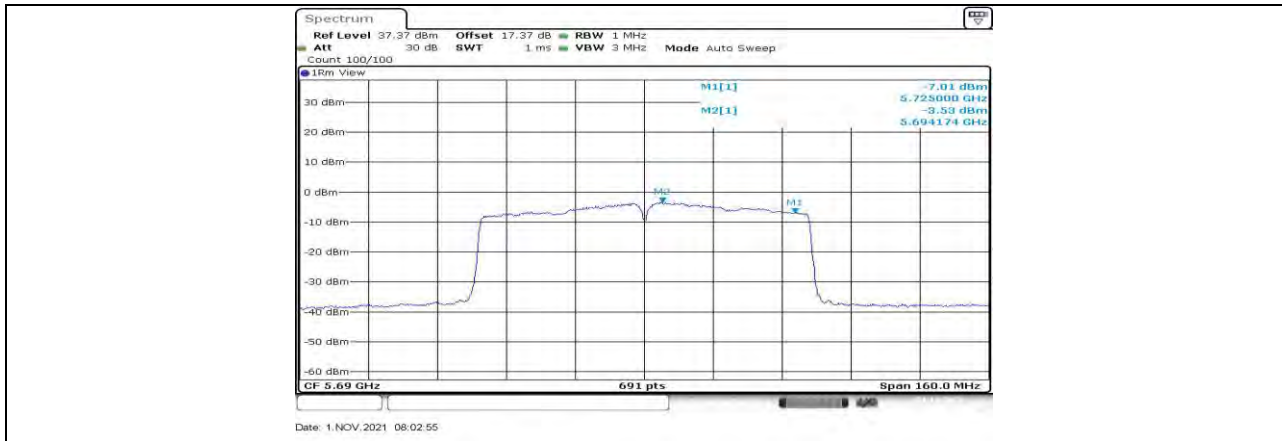
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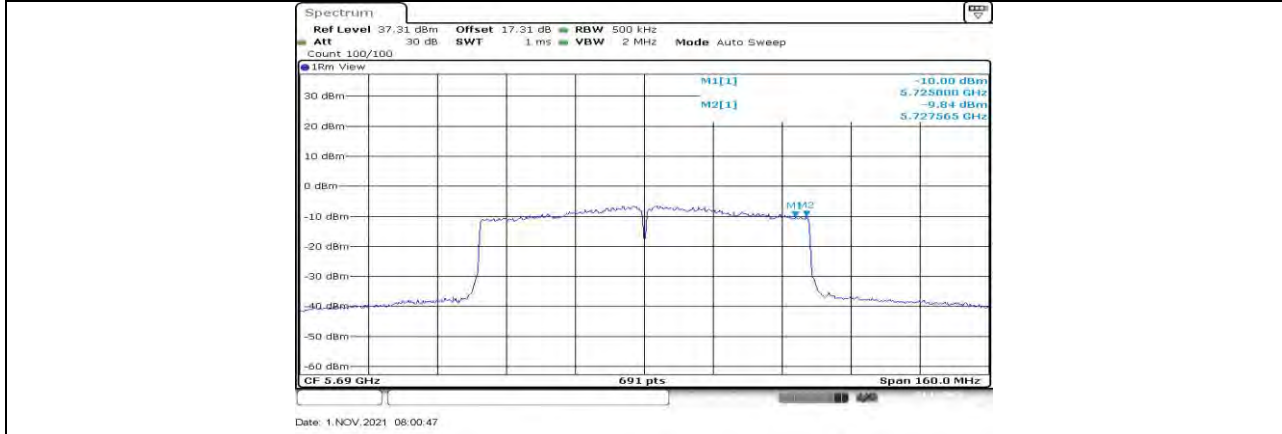
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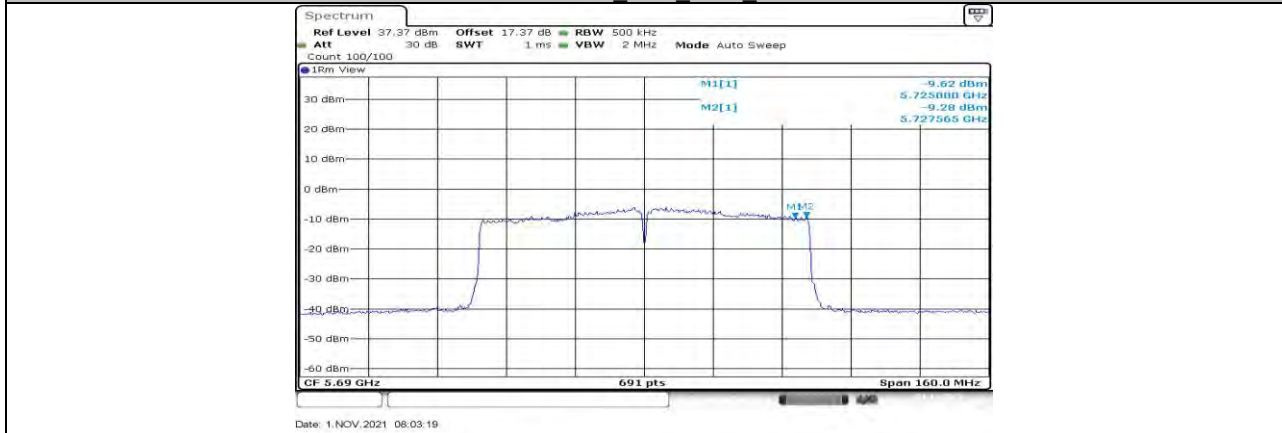
11AC80MIMO\_Ant1\_5690\_UNII-2C



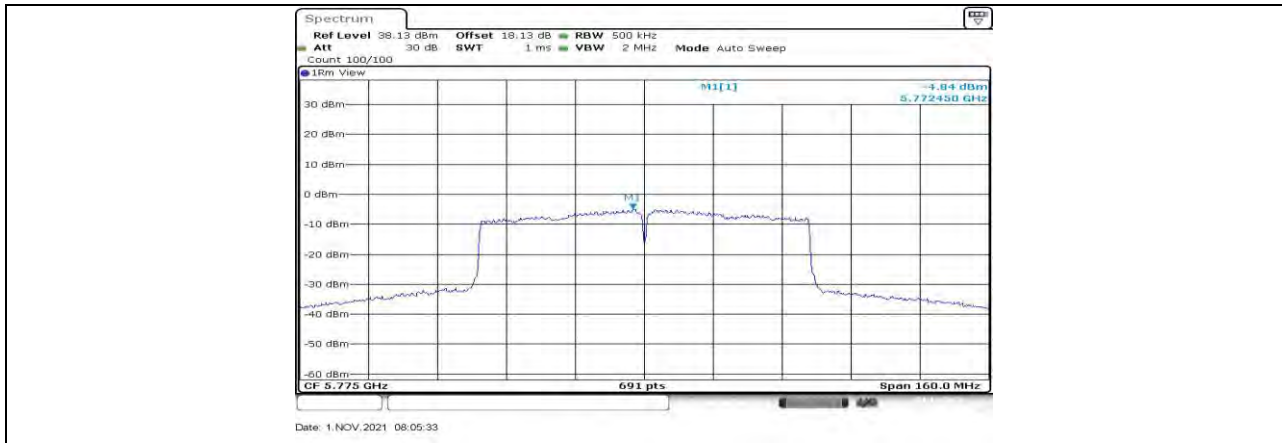
11AC80MIMO Ant2\_5690 UNII-2C



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

Test 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)
11A 20	1.38	1.42	0.9718	97.18	0.12	0.72	1
11N20MIMO	1.29	1.33	0.9699	96.99	0.13	0.78	1
11N40MIMO	0.64	0.68	0.9412	94.12	0.26	1.56	2
11AC80MIMO	0.19	0.23	0.8261	82.61	0.83	5.26	6

Note:

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

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.