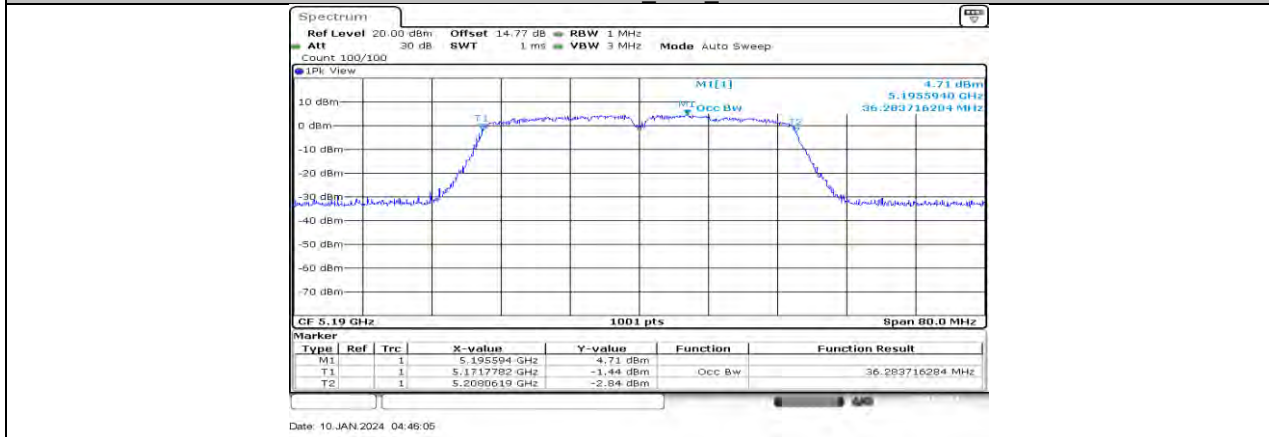
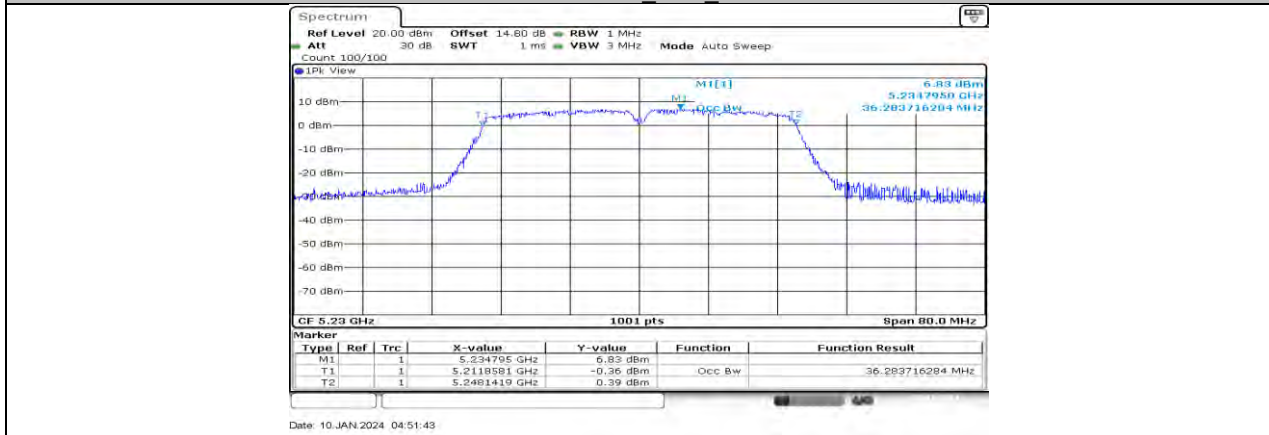




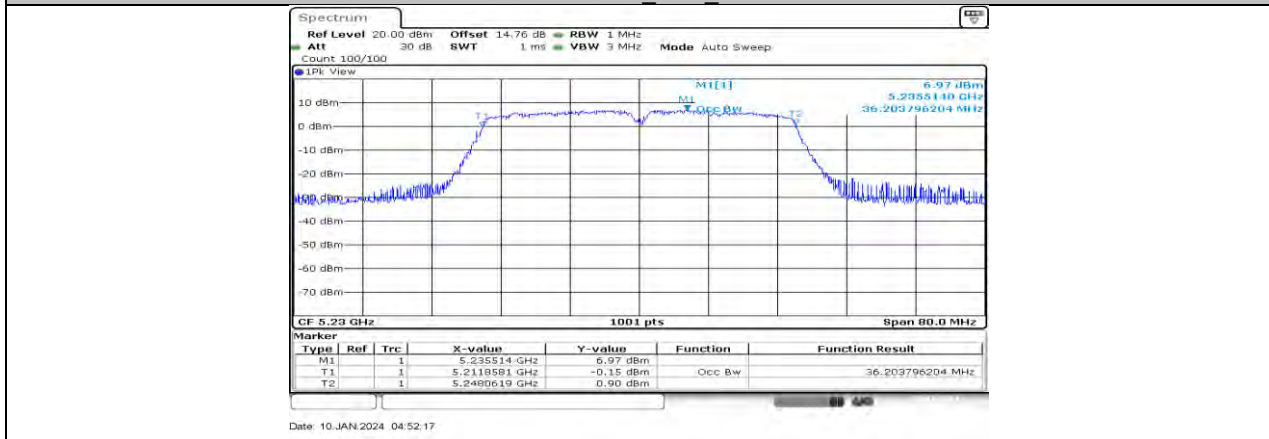
11N40MIMO Ant1 5190

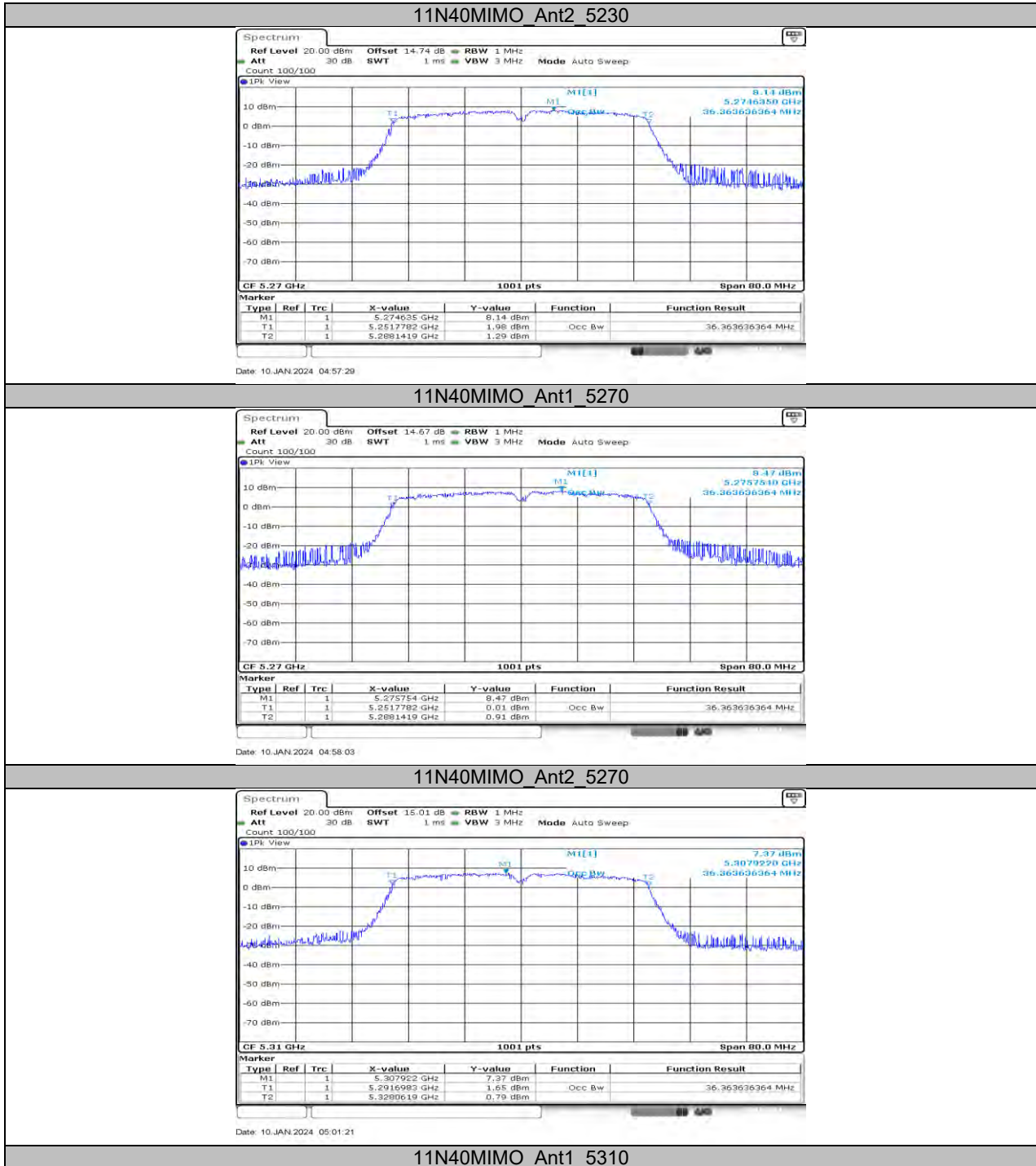


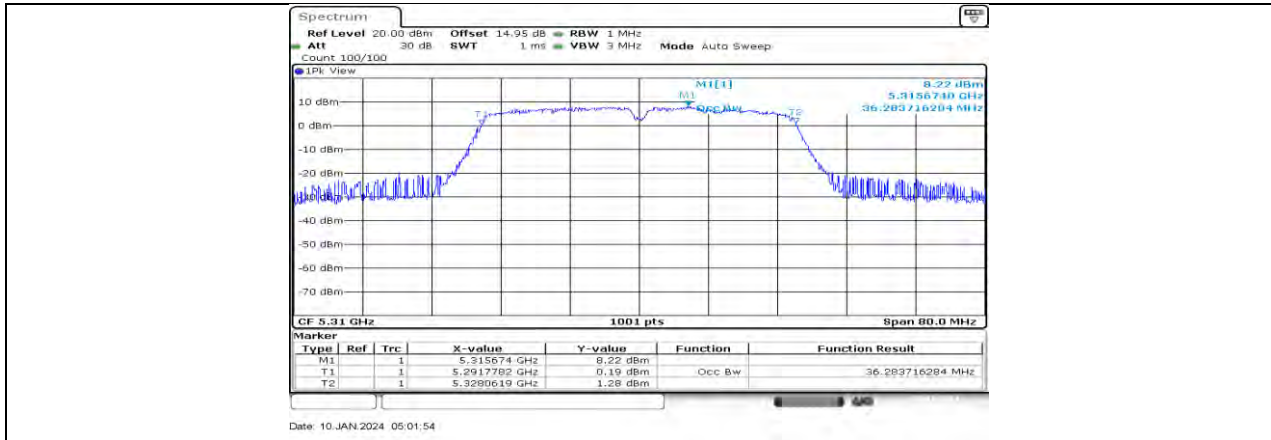
11N40MIMO Ant2 5190



11N40MIMO Ant1 5230

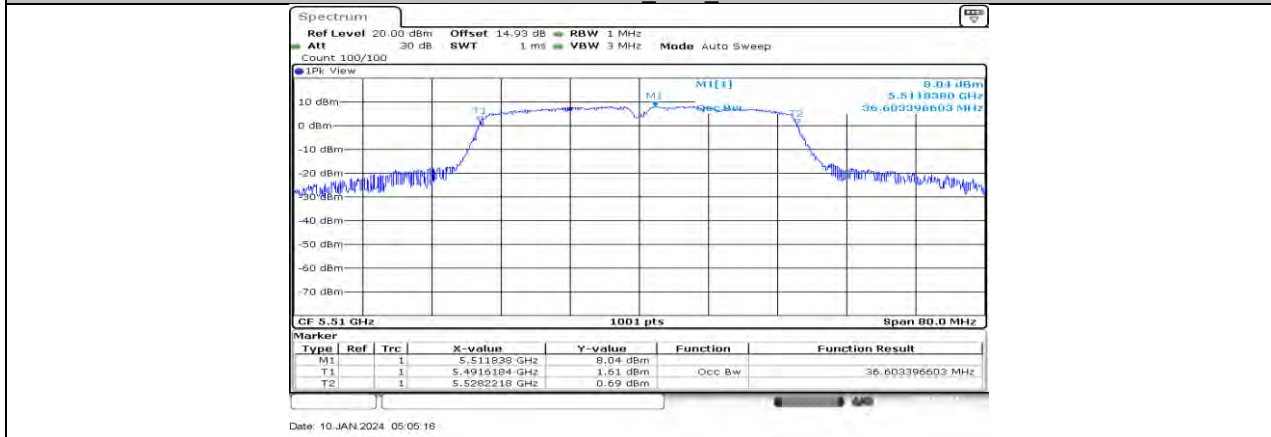






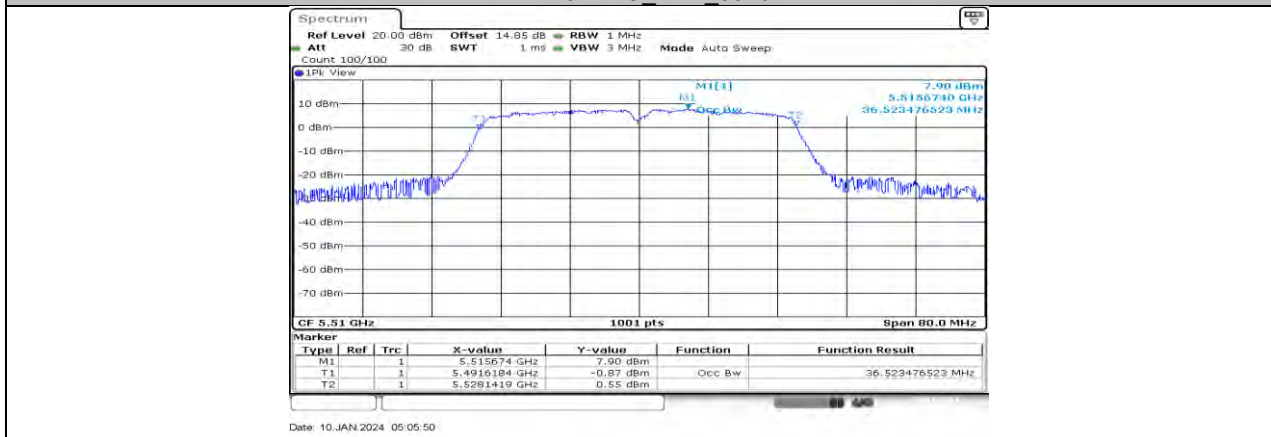
Date: 10.JAN.2024 05:01:54

11N40MIMO Ant2 5310



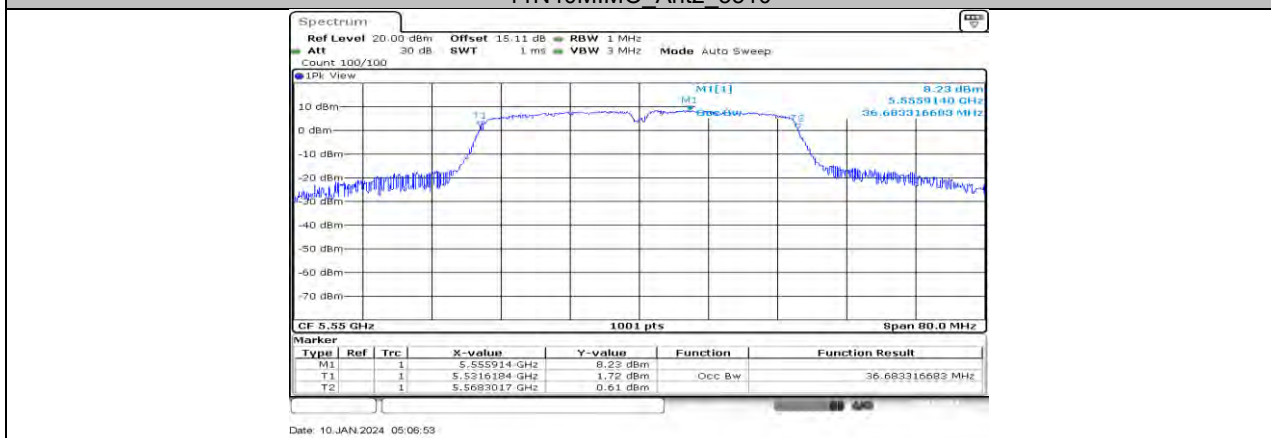
Date: 10.JAN.2024 05:05:18

11N40MIMO Ant1 5510

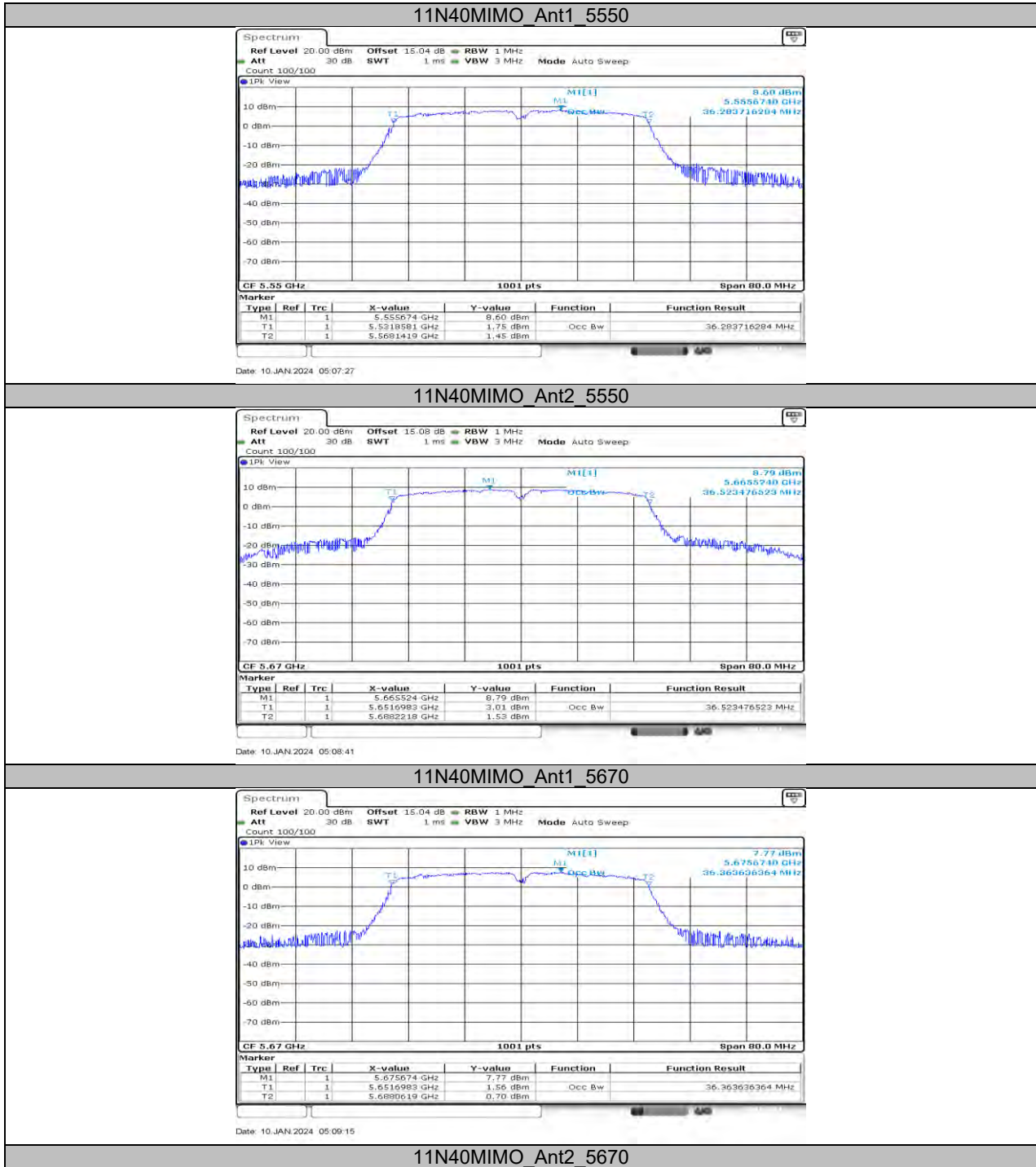


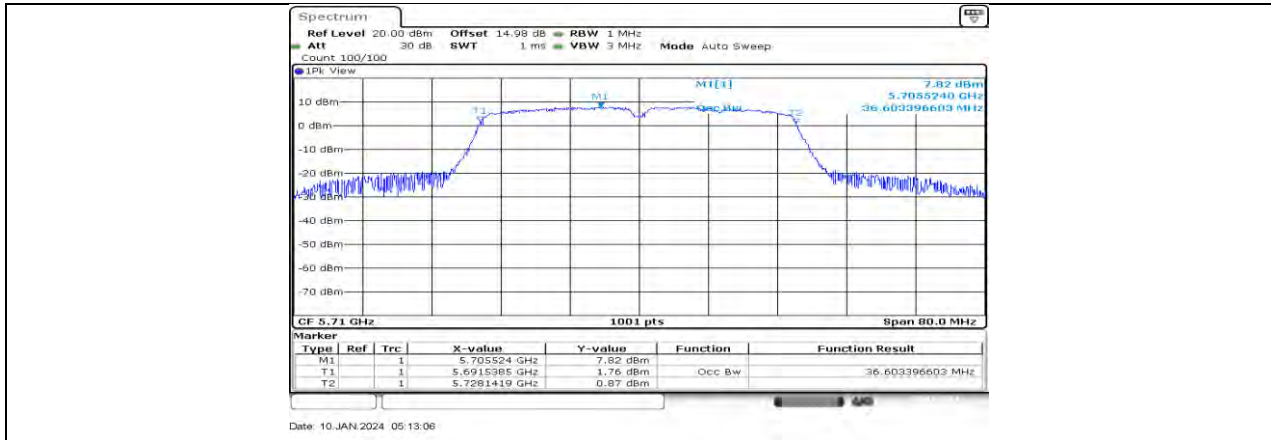
Date: 10.JAN.2024 05:05:50

11N40MIMO Ant2 5510



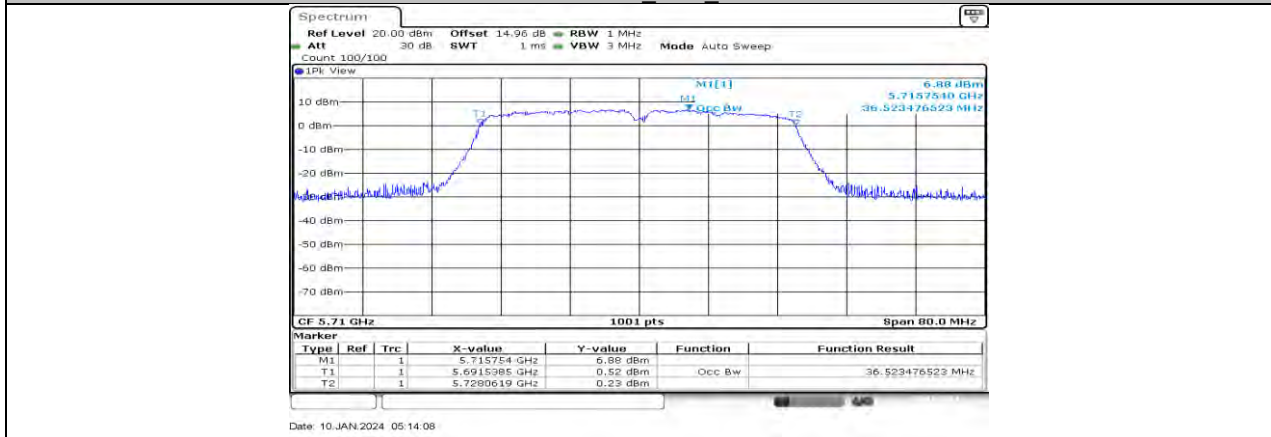
Date: 10.JAN.2024 05:06:53





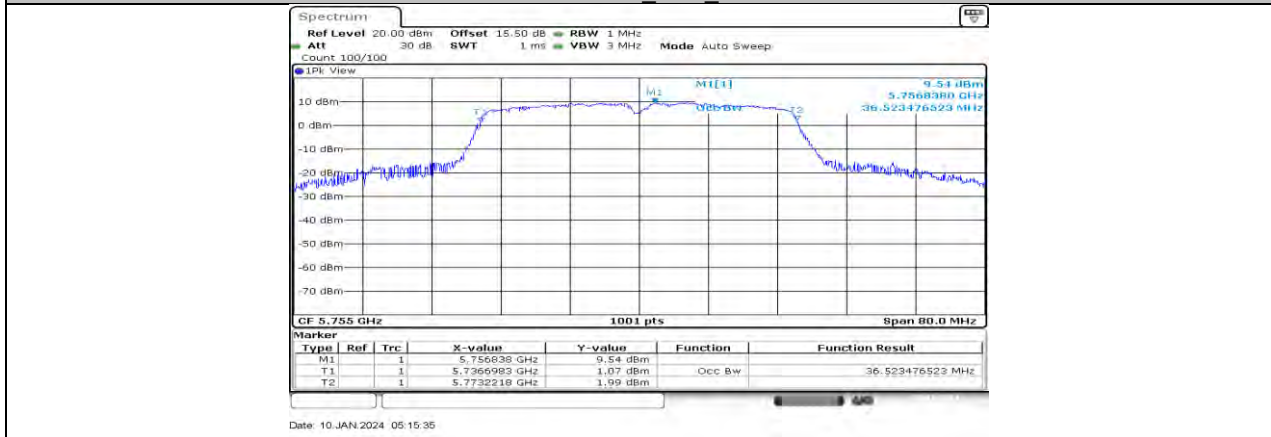
Date: 10.JAN.2024 05:13:06

11N40MIMO Ant1 5710



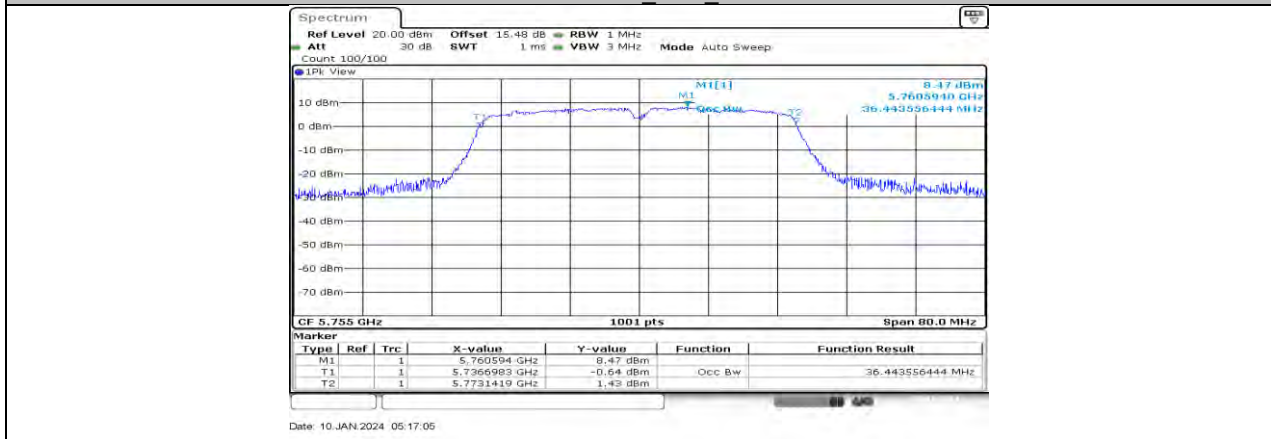
Date: 10.JAN.2024 05:14:08

11N40MIMO Ant2 5710

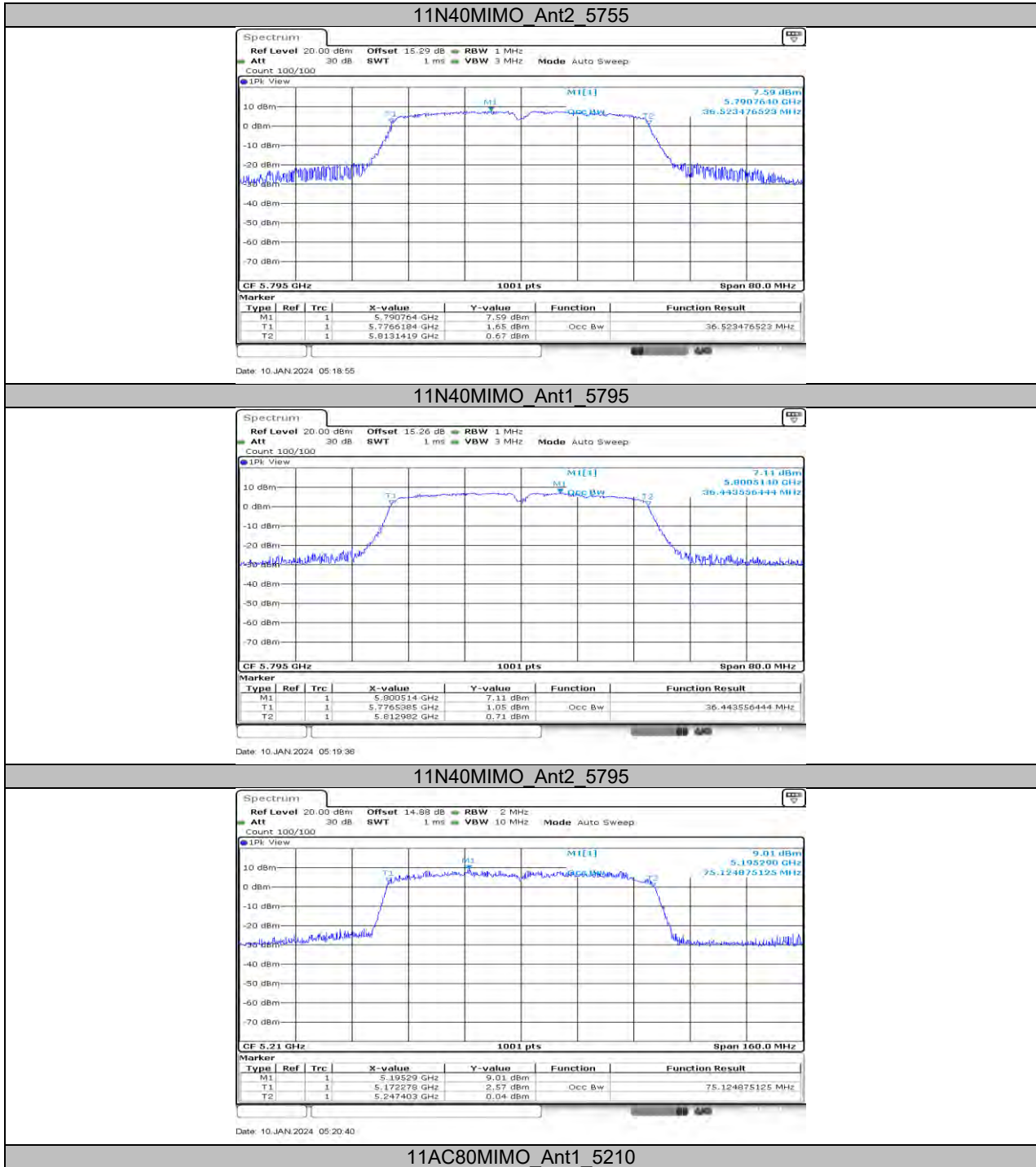


Date: 10.JAN.2024 05:15:35

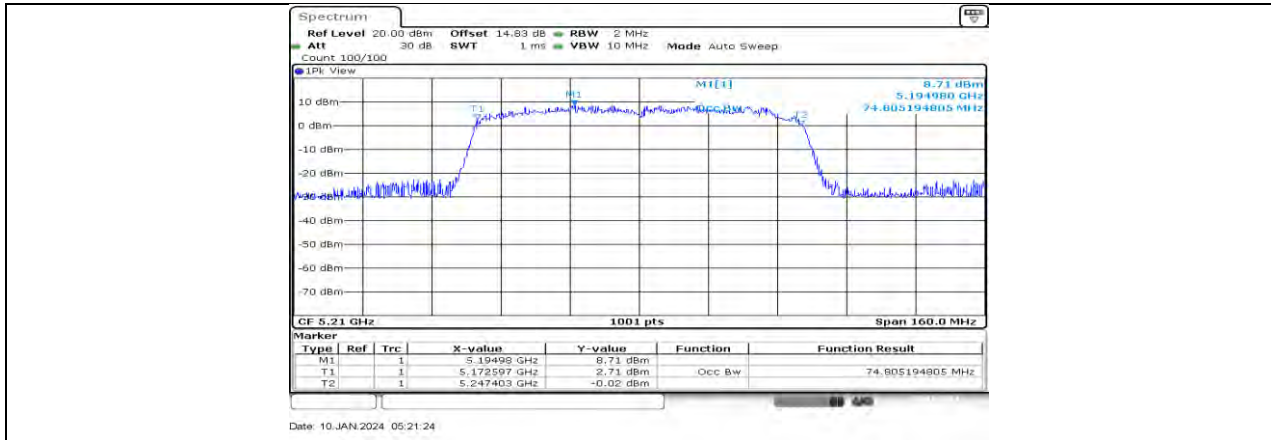
11N40MIMO Ant1 5755



Date: 10.JAN.2024 05:17:05

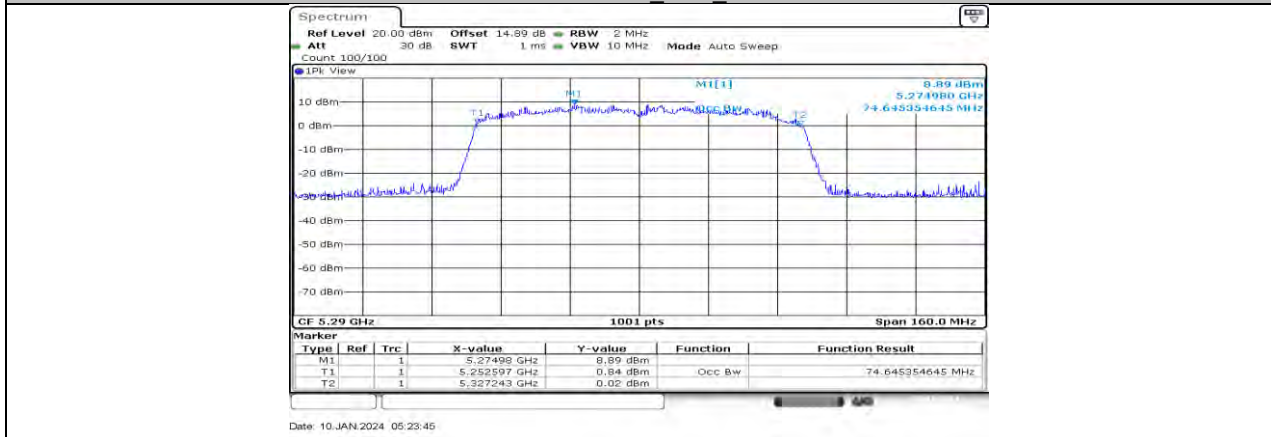


11AC80MIMO_Ant1_5210



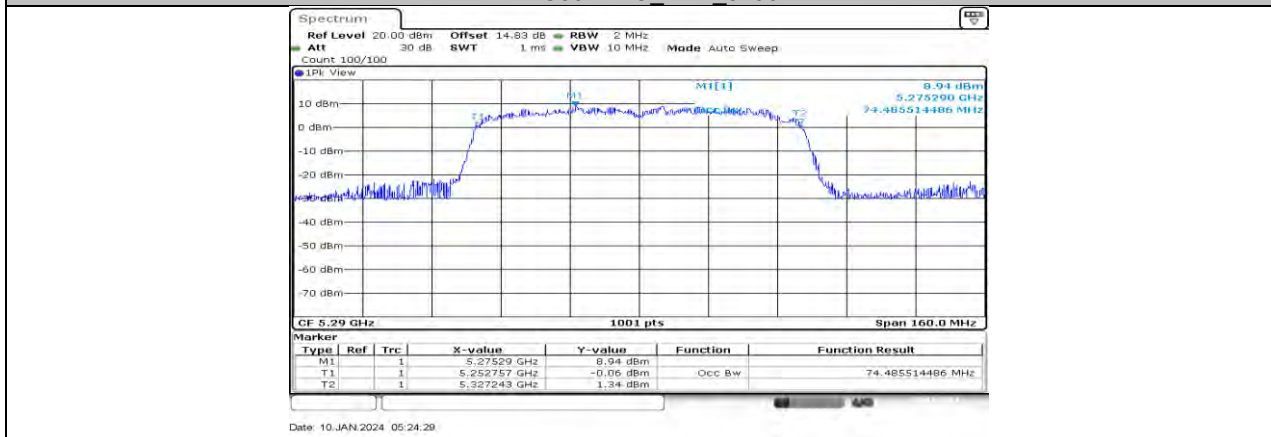
Date: 10.JAN.2024 05:21:24

11AC80MIMO Ant2_5210



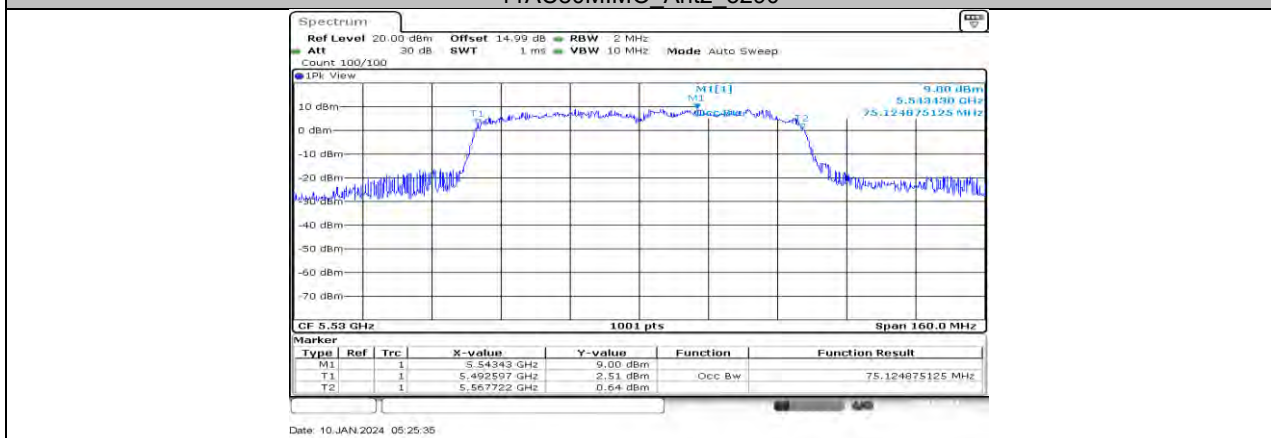
Date: 10.JAN.2024 05:23:45

11AC80MIMO Ant1_5290

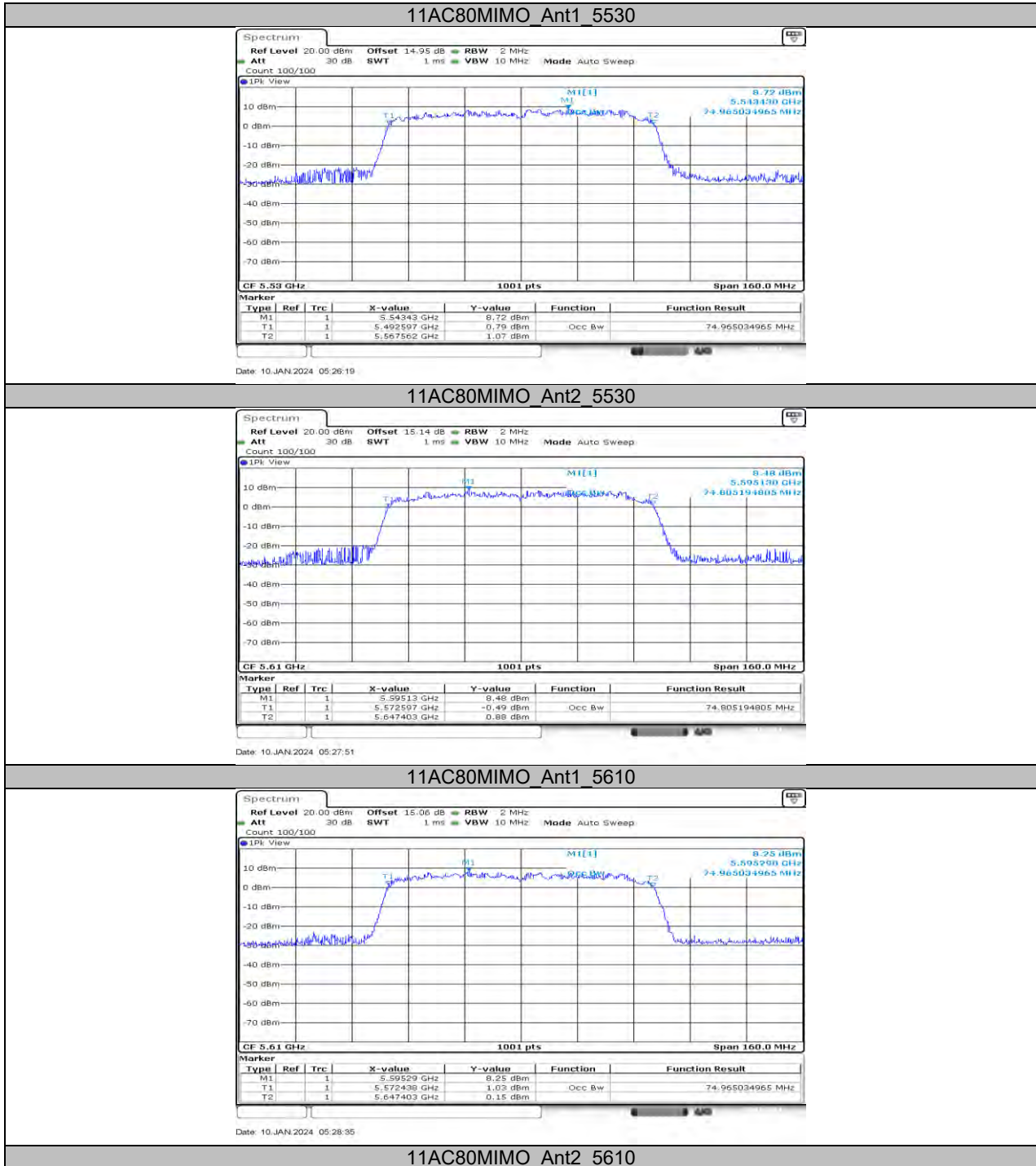


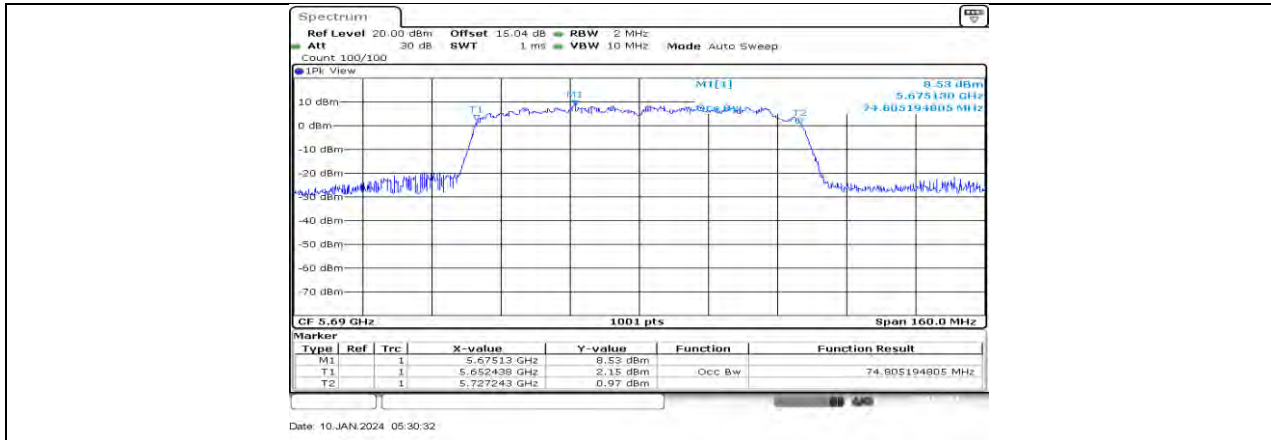
Date: 10.JAN.2024 05:24:29

11AC80MIMO Ant2_5290

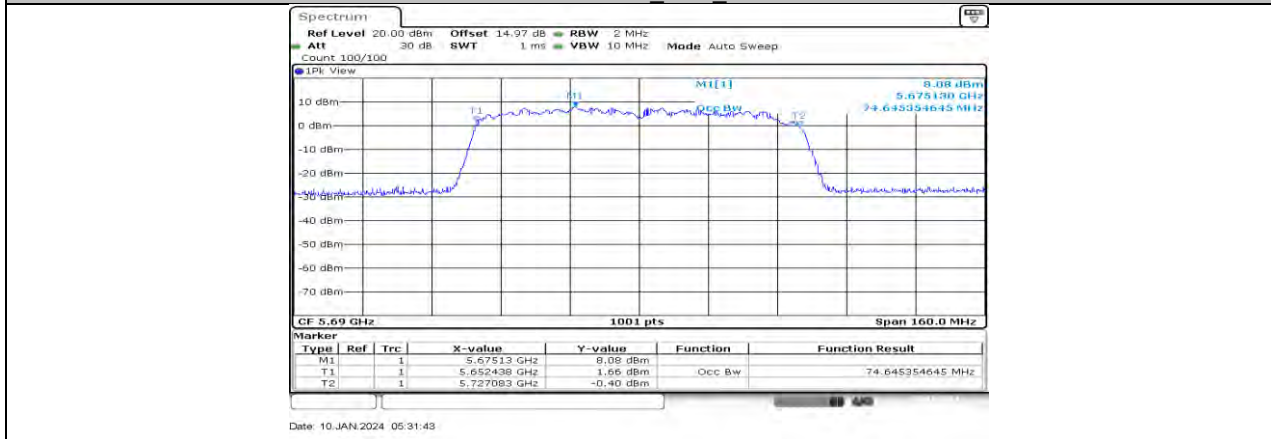


Date: 10.JAN.2024 05:25:35

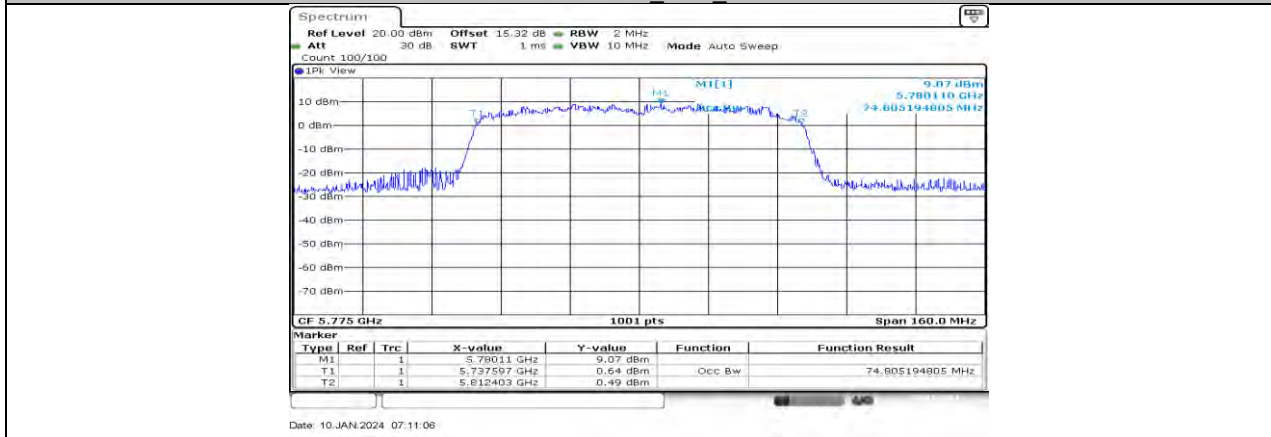




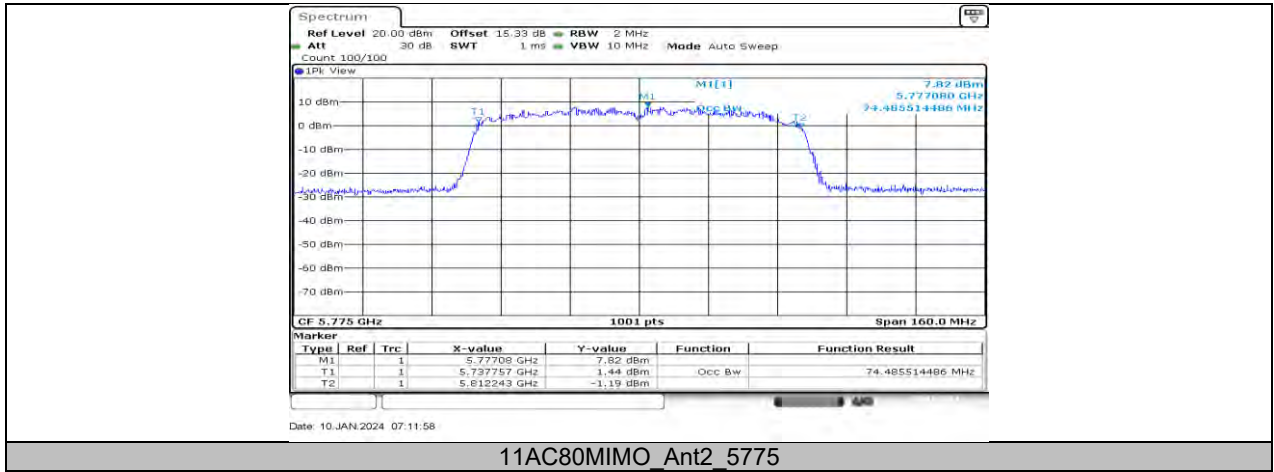
11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775

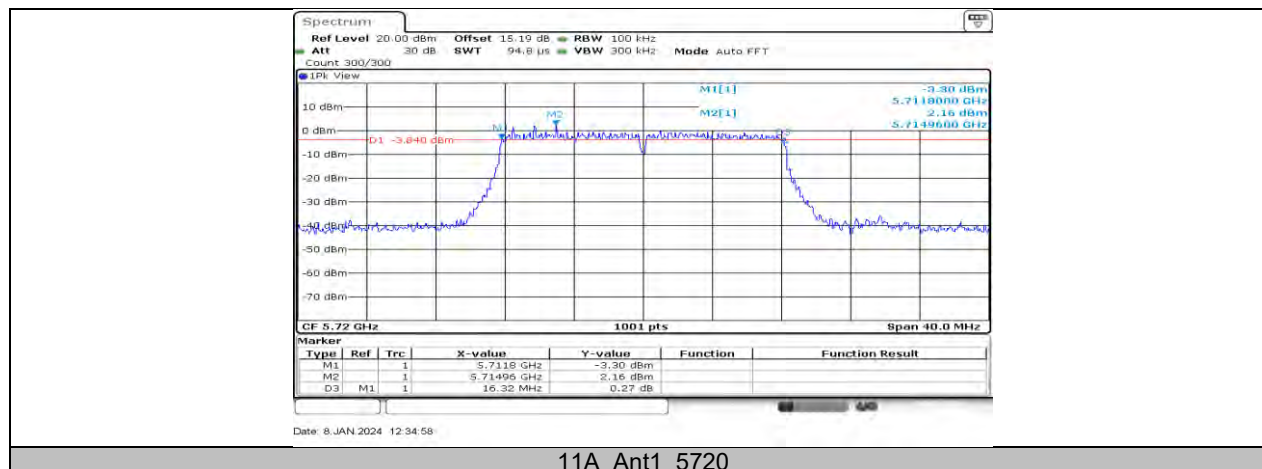


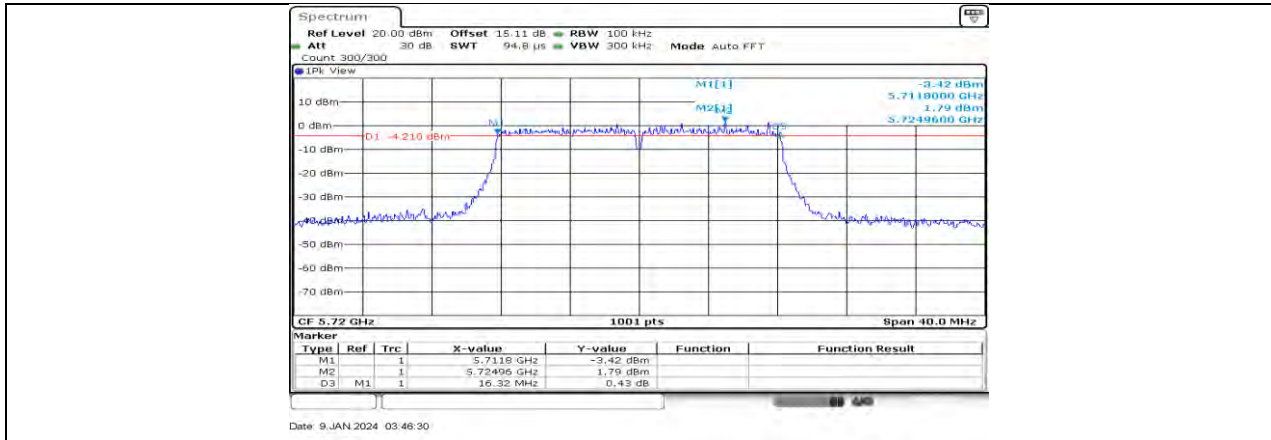
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

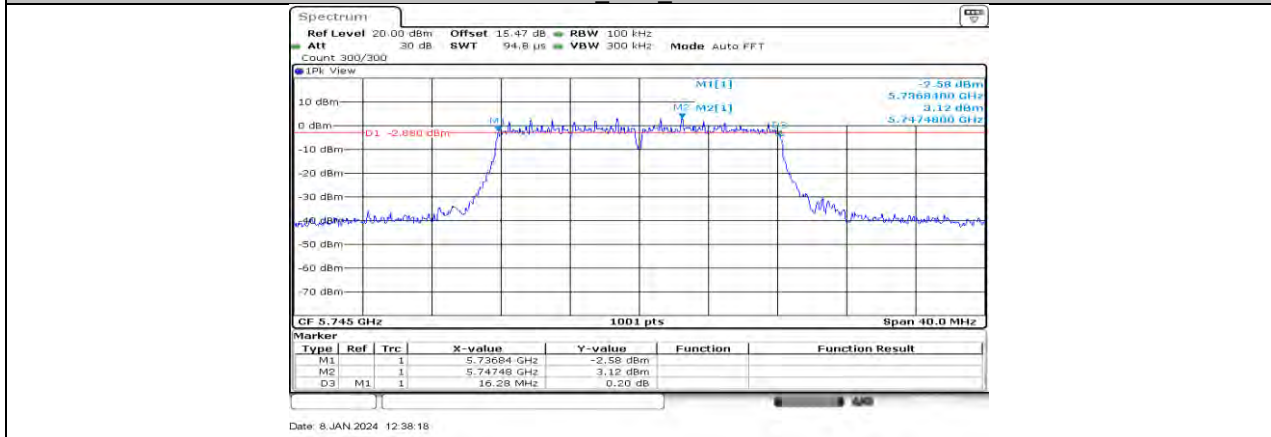
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.32	5711.80	5728.12	≥0.5	PASS
	Ant2	5720	16.32	5711.80	5728.12	≥0.5	PASS
	Ant1	5720 UNII-3	3.12	5725	5728.12	≥0.5	PASS
	Ant2	5720 UNII-3	3.12	5725	5728.12	≥0.5	PASS
	Ant1	5745	16.28	5736.84	5753.12	≥0.5	PASS
	Ant2	5745	16.32	5736.80	5753.12	≥0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	≥0.5	PASS
	Ant2	5785	16.44	5776.72	5793.16	≥0.5	PASS
11N20MIMO	Ant1	5825	16.32	5816.80	5833.12	≥0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	≥0.5	PASS
	Ant1	5720	17.56	5711.20	5728.76	≥0.5	PASS
	Ant2	5720	17.52	5711.20	5728.72	≥0.5	PASS
	Ant1	5720 UNII-3	3.76	5725	5728.76	≥0.5	PASS
	Ant2	5720 UNII-3	3.72	5725	5728.72	≥0.5	PASS
	Ant1	5745	17.56	5736.20	5753.76	≥0.5	PASS
	Ant2	5745	17.24	5736.48	5753.72	≥0.5	PASS
11N40MIMO	Ant1	5785	17.56	5776.20	5793.76	≥0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	≥0.5	PASS
	Ant1	5825	17.60	5816.16	5833.76	≥0.5	PASS
	Ant2	5825	17.56	5816.20	5833.76	≥0.5	PASS
	Ant1	5710	35.20	5692.40	5727.60	≥0.5	PASS
	Ant2	5710	35.52	5692.08	5727.60	≥0.5	PASS
	Ant1	5710 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5710 UNII-3	2.6	5725	5727.60	≥0.5	PASS
11AC80MIMO	Ant1	5755	35.12	5737.40	5772.52	≥0.5	PASS
	Ant2	5755	35.20	5737.40	5772.60	≥0.5	PASS
	Ant1	5795	35.20	5777.40	5812.60	≥0.5	PASS
	Ant2	5795	35.20	5777.40	5812.60	≥0.5	PASS
	Ant1	5690	73.92	5653.68	5727.60	≥0.5	PASS
	Ant2	5690	75.04	5652.40	5727.44	≥0.5	PASS
	Ant1	5690 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5690 UNII-3	2.44	5725	5727.44	≥0.5	PASS
11A	Ant1	5775	75.20	5737.40	5812.60	≥0.5	PASS
	Ant2	5775	75.04	5737.40	5812.44	≥0.5	PASS

11.3.2. Test Graphs

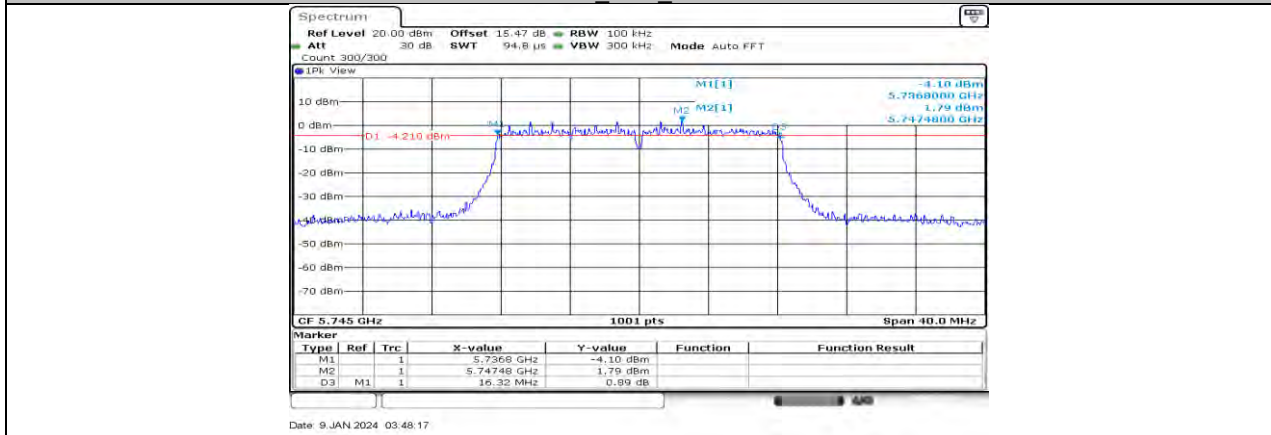




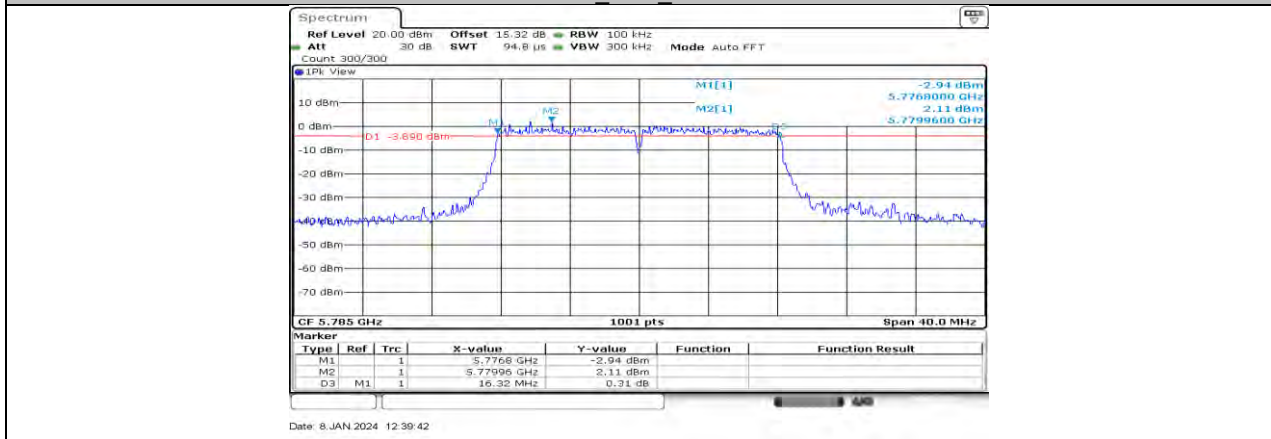
11A Ant2 5720



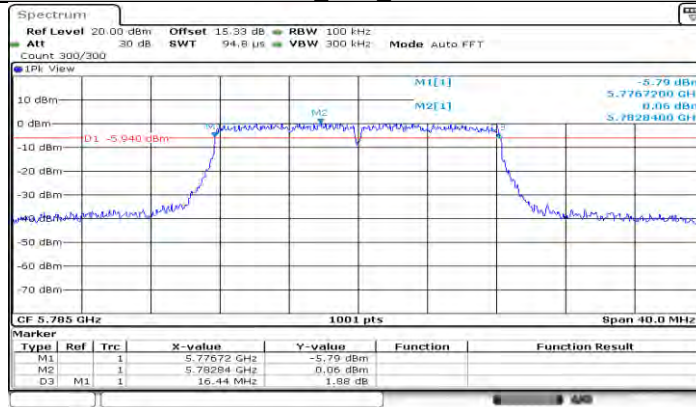
11A Ant1 5745



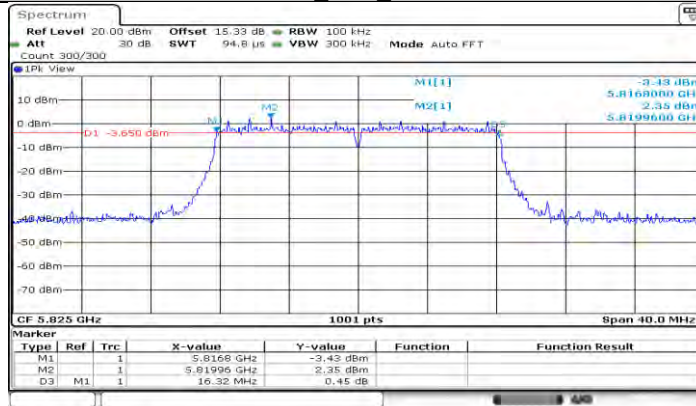
11A Ant2 5745



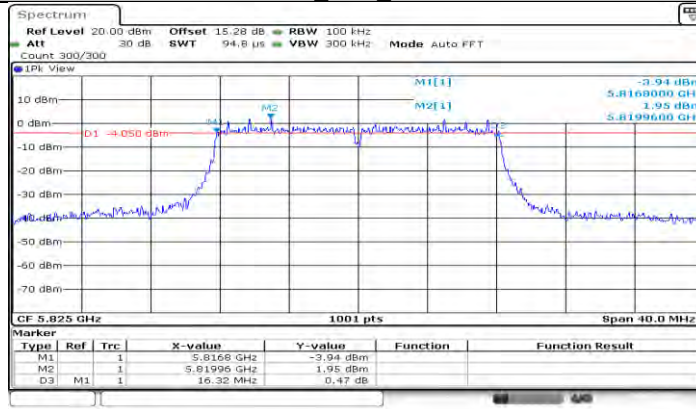
11A_Ant1_5785



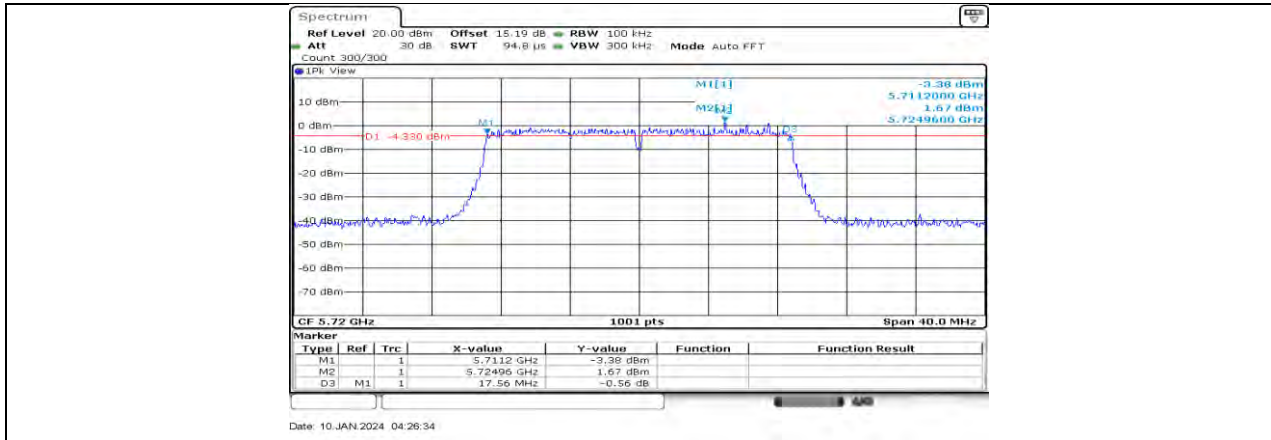
11A_Ant2_5785



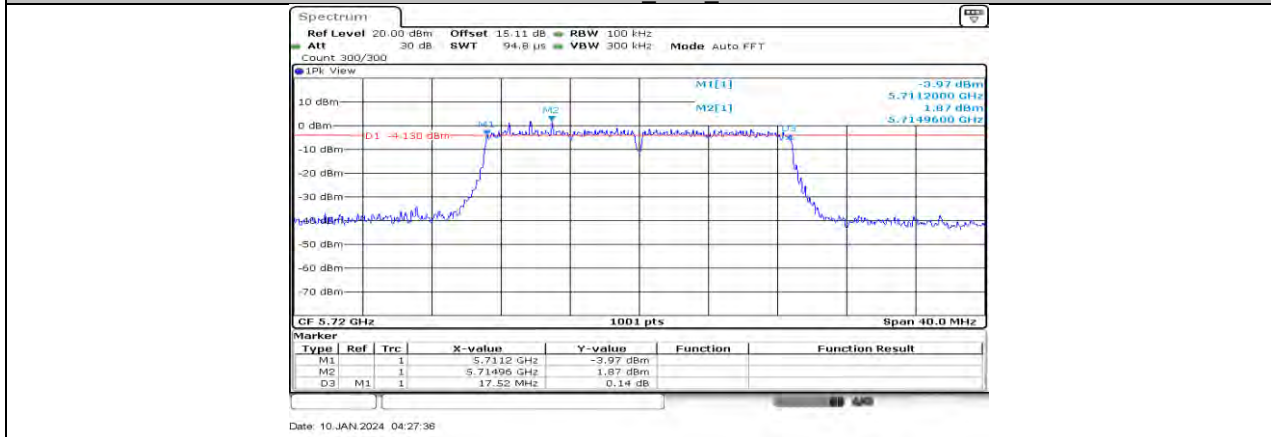
11A_Ant1_5825



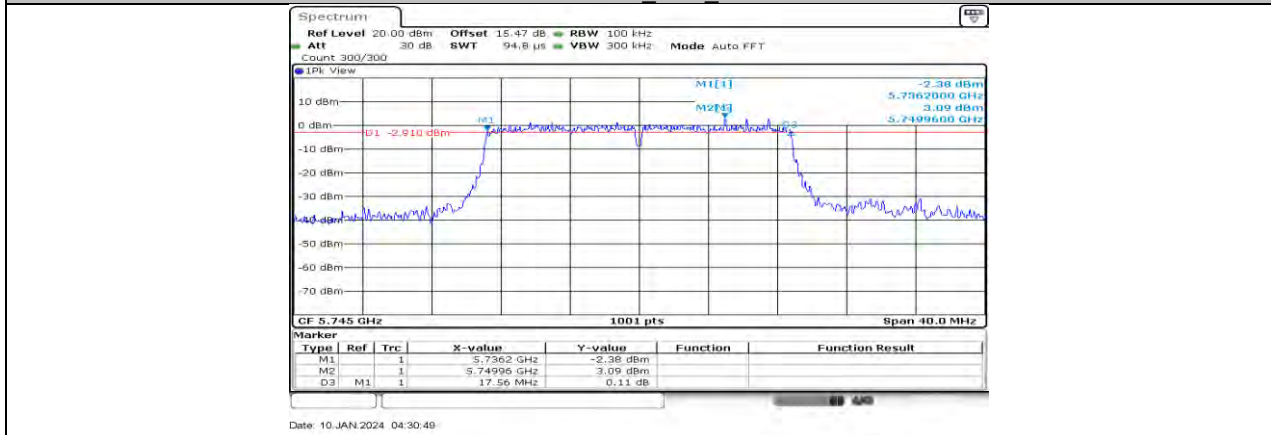
11A_Ant2_5825



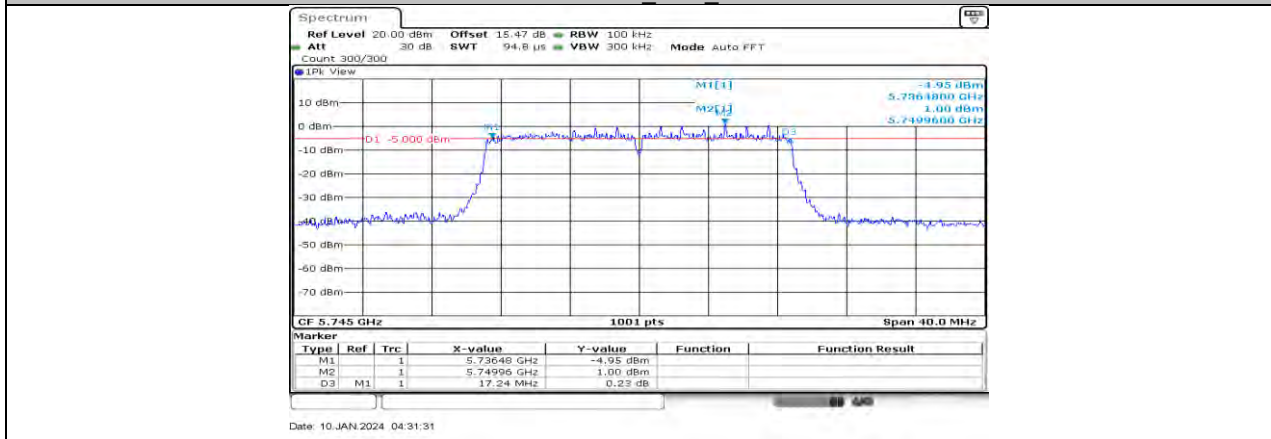
11N20MIMO Ant1 5720



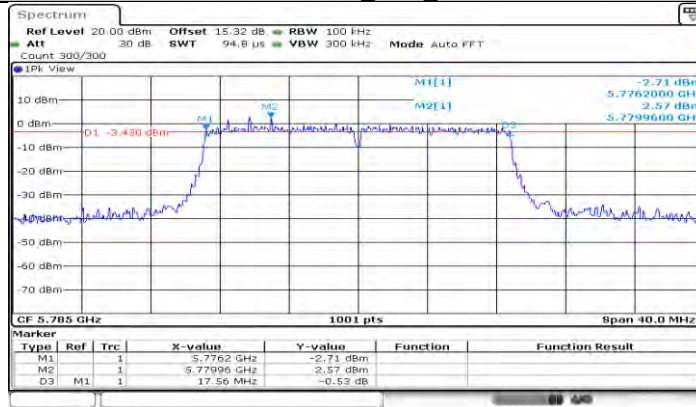
11N20MIMO Ant2 5720



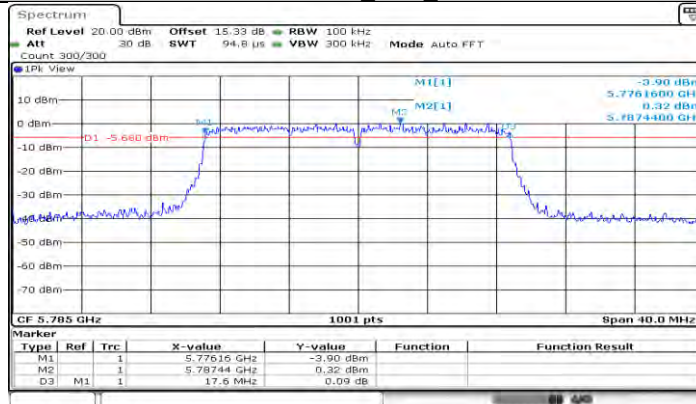
11N20MIMO Ant1 5745



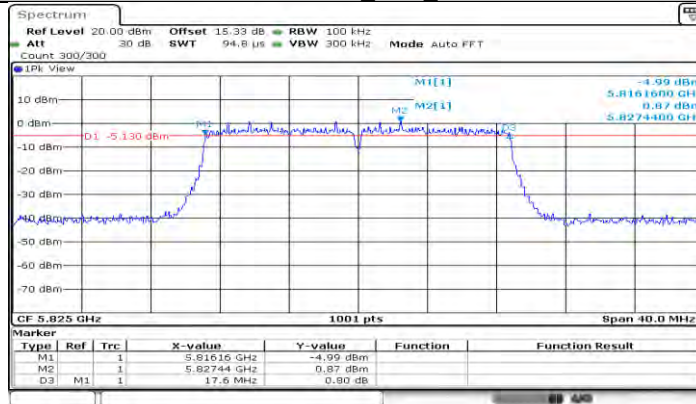
11N20MIMO Ant2 5745



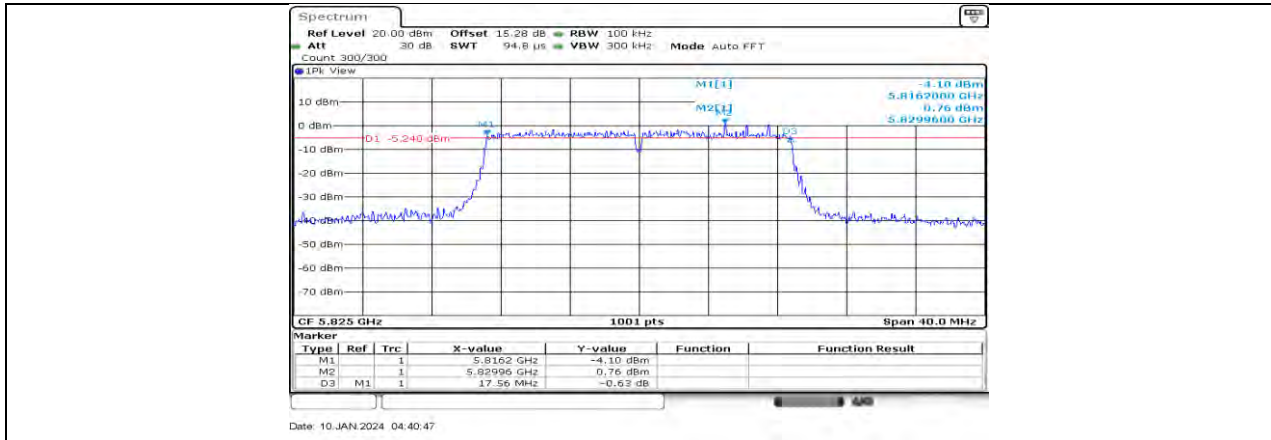
11N20MIMO Ant1 5785



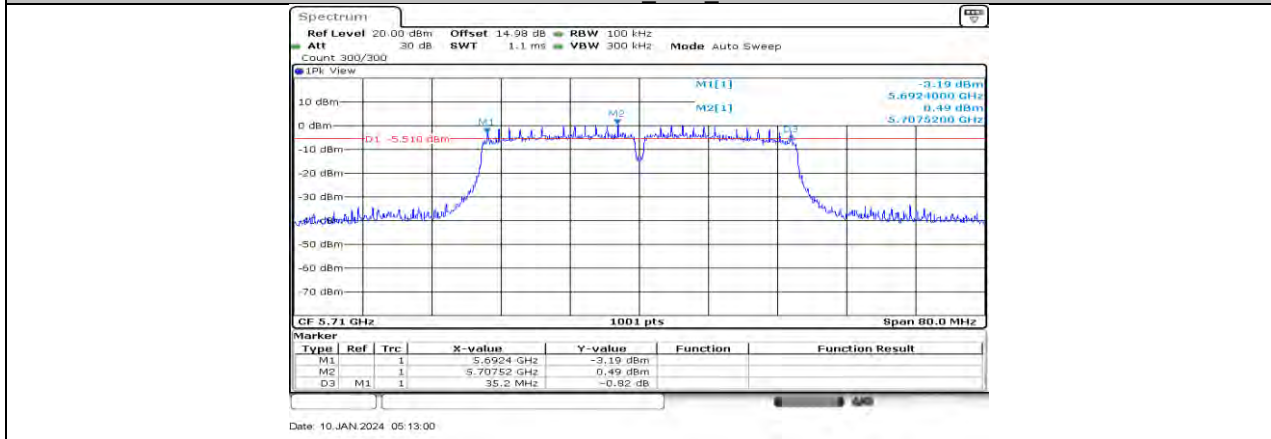
11N20MIMO Ant2 5785



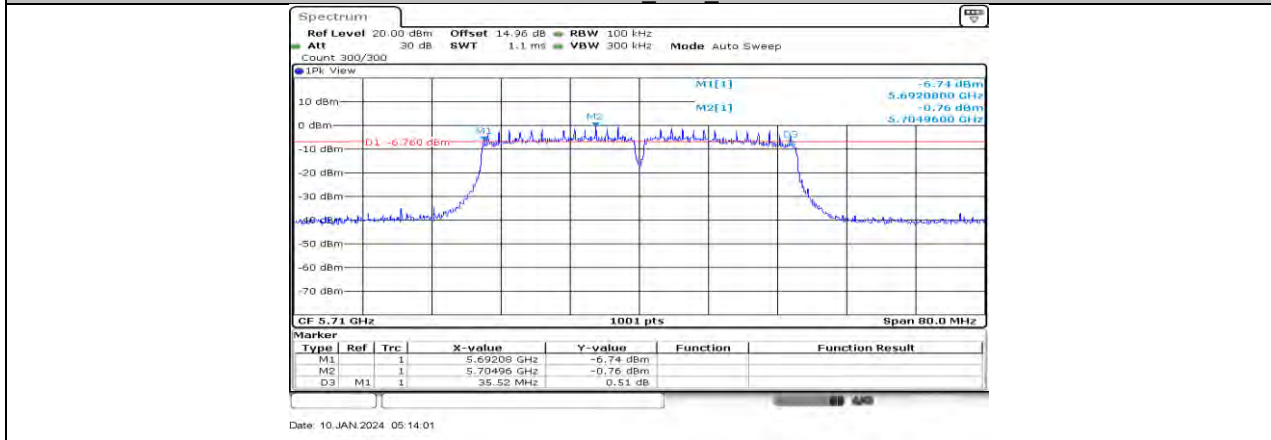
11N20MIMO Ant1 5825



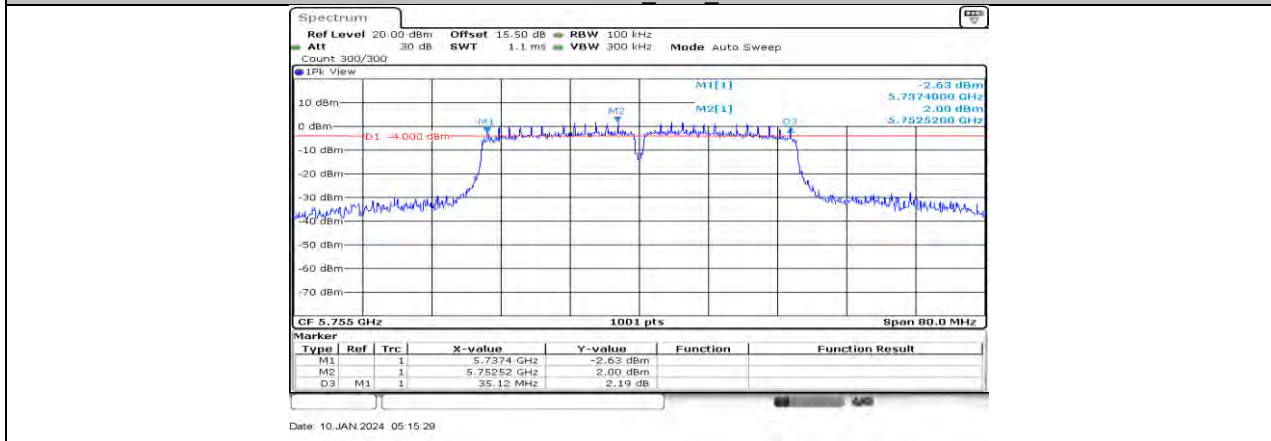
11N20MIMO Ant2 5825

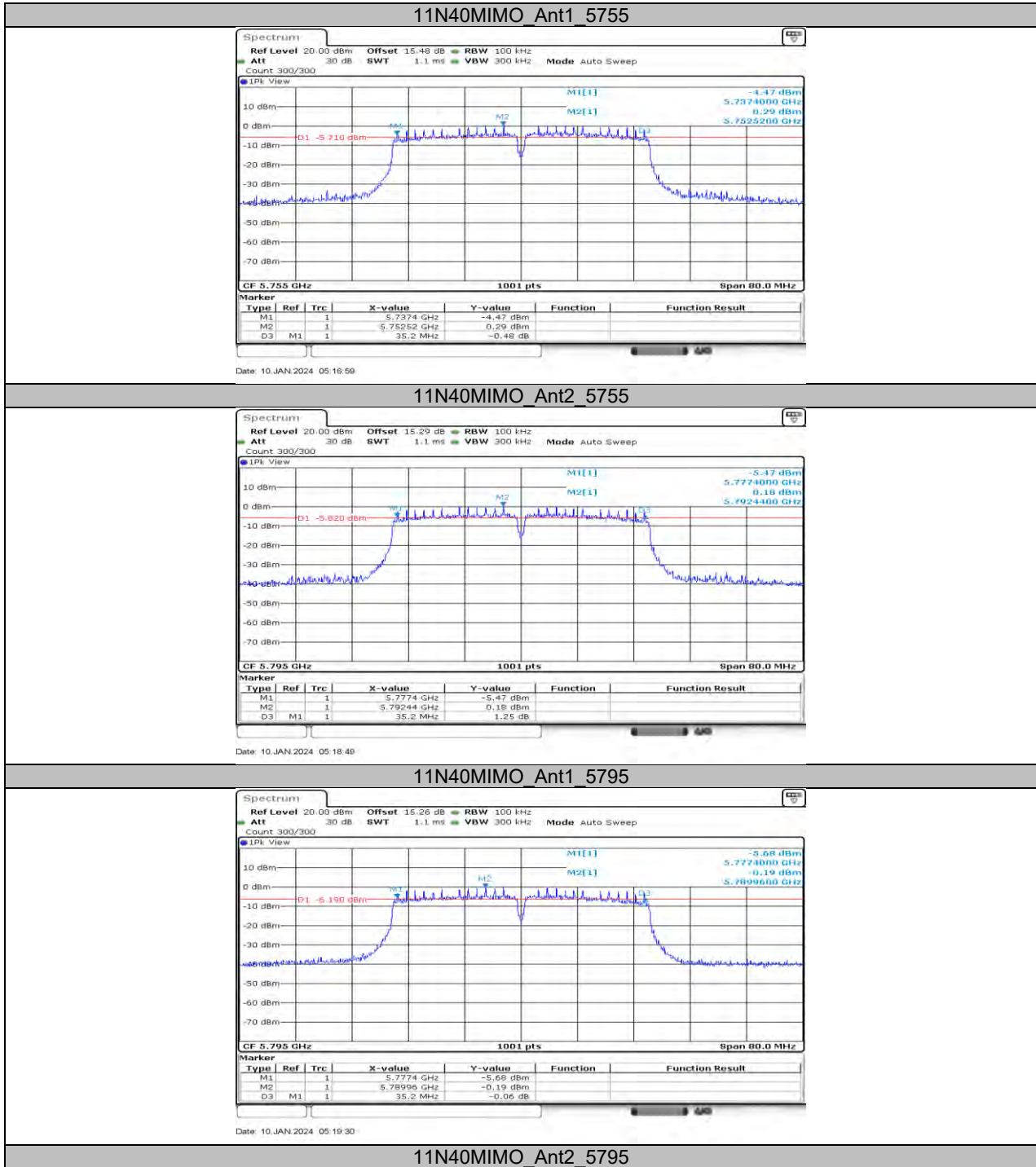


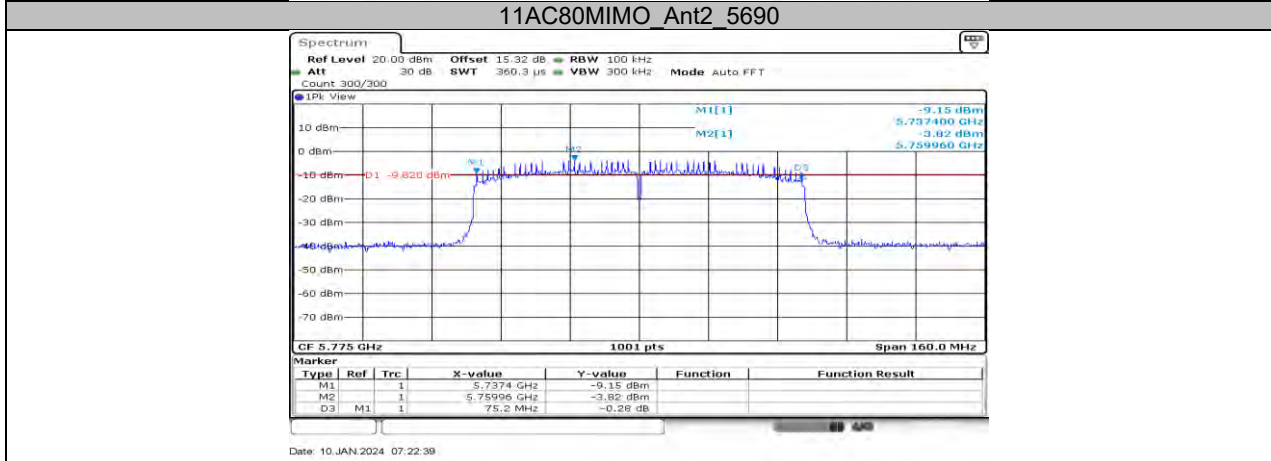
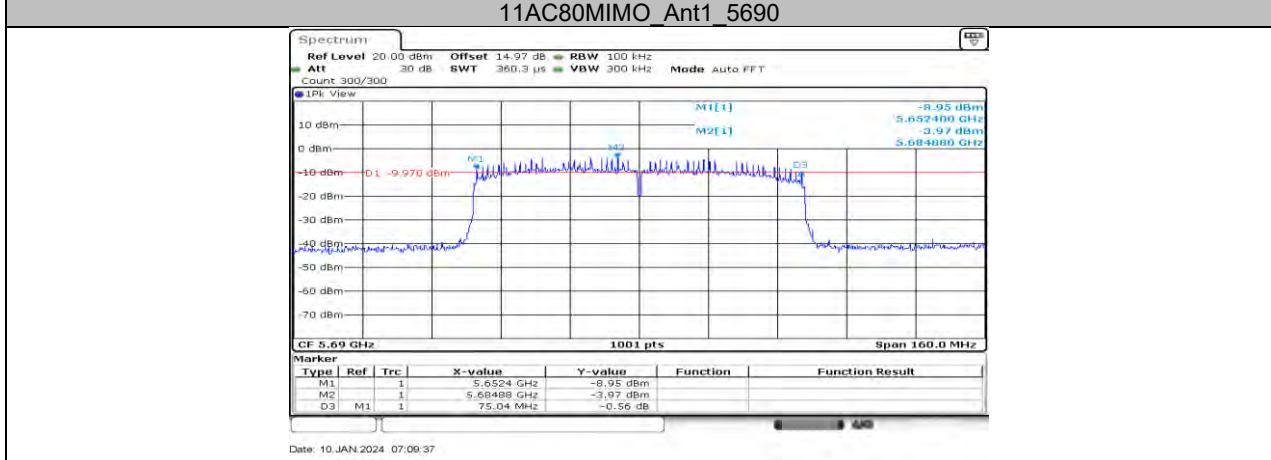
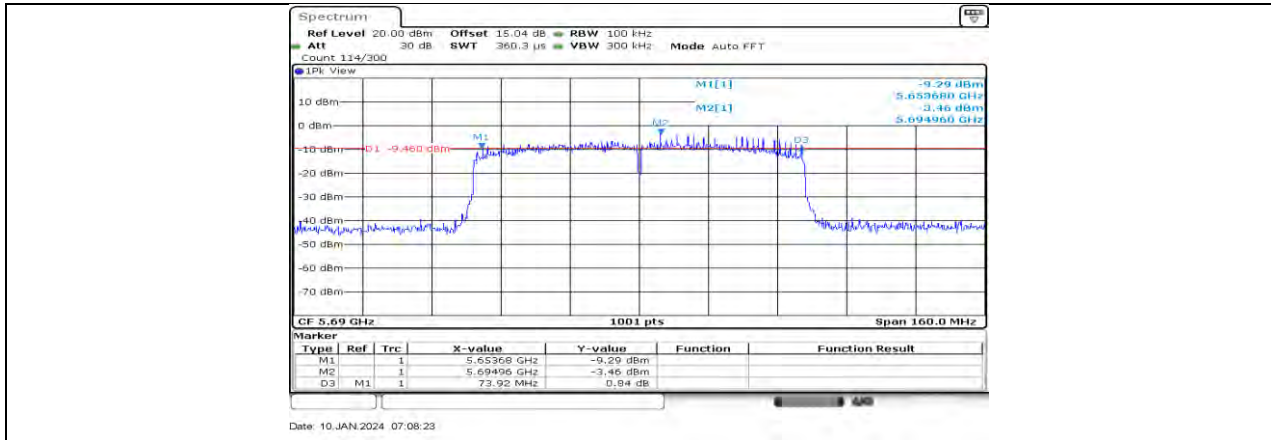
11N40MIMO Ant1 5710



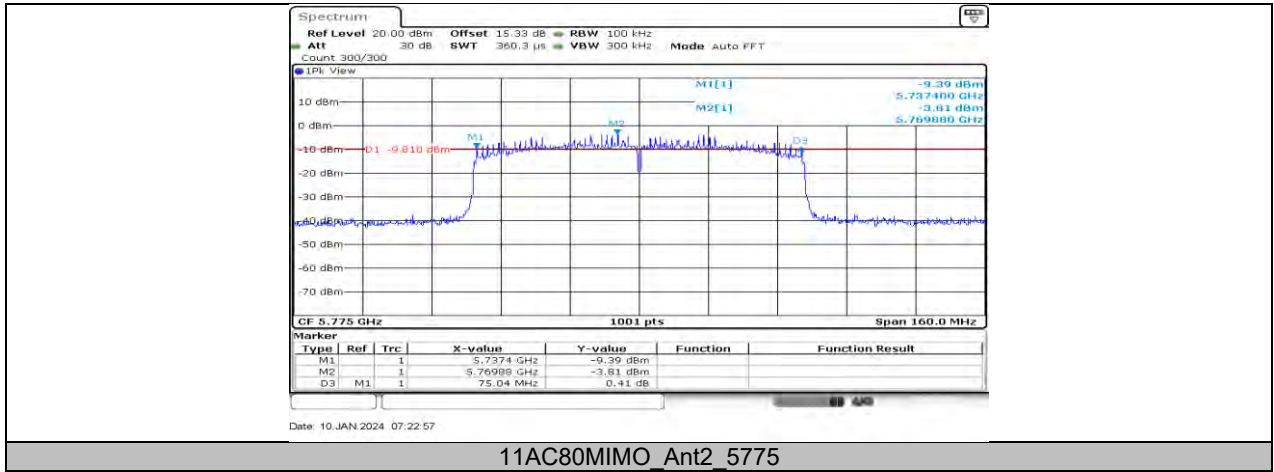
11N40MIMO Ant2 5710







11AC80MIMO_Ant1_5775



11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

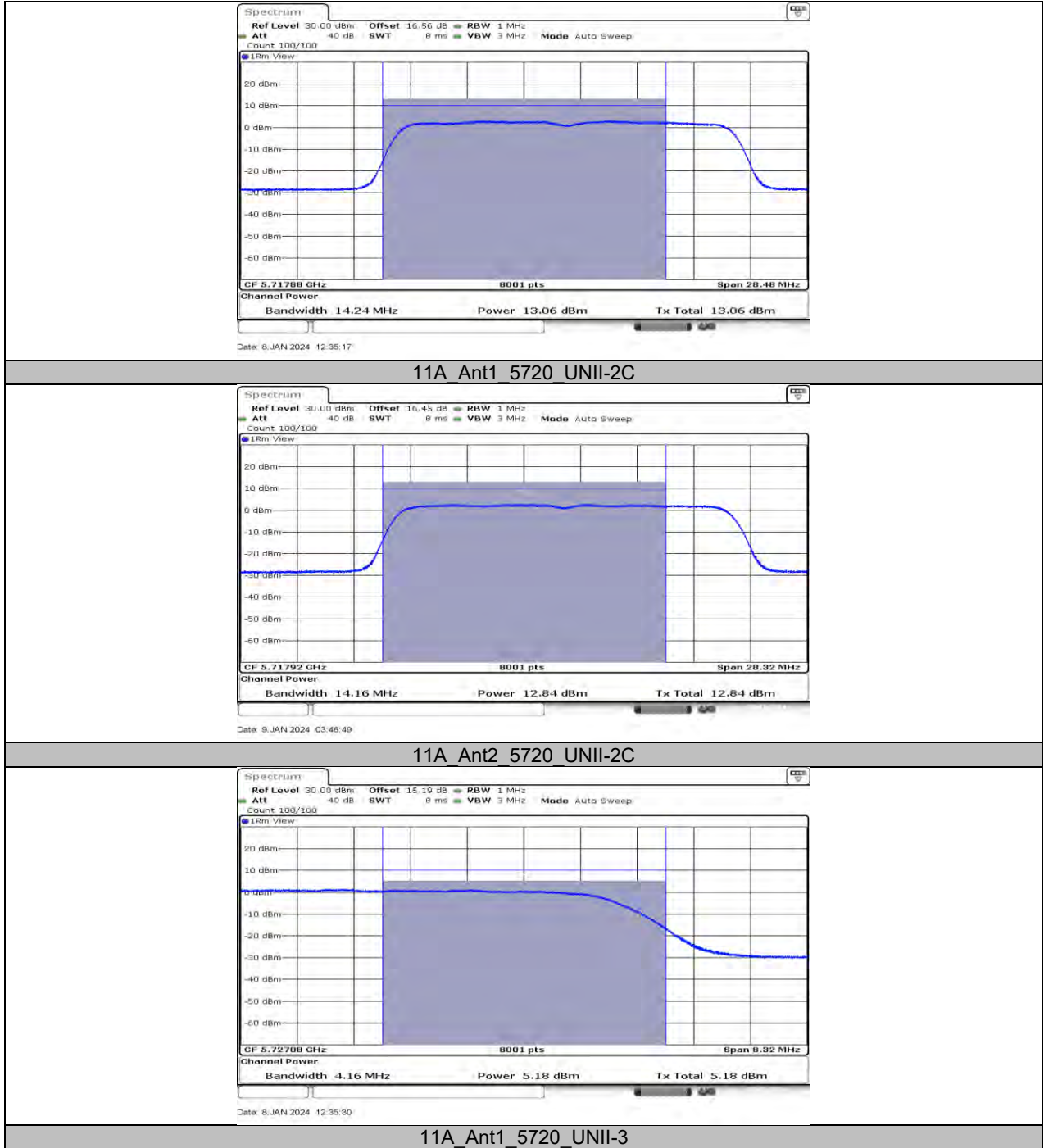
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
11A	Ant1	5180	13.71	≤23.98	---	17.72	≤22.21	PASS	
	Ant2	5180	14.08	≤23.98	---	17.21	≤22.20	PASS	
	Ant1	5200	13.63	≤23.98	---	17.64	≤22.20	PASS	
	Ant2	5200	14.39	≤23.98	---	17.52	≤22.20	PASS	
	Ant1	5240	13.21	≤23.98	---	17.22	≤22.20	PASS	
	Ant2	5240	14.13	≤23.98	---	17.26	≤22.20	PASS	
	Ant1	5260	13.45	≤23.64	≤23.20	17.46	≤29.20	PASS	
	Ant2	5260	14.86	≤23.65	≤23.22	17.99	≤29.22	PASS	
	Ant1	5280	13.94	≤23.65	≤23.20	17.95	≤29.20	PASS	
	Ant2	5280	14.74	≤23.66	≤23.21	17.87	≤29.21	PASS	
	Ant1	5320	13.83	≤23.66	≤23.20	17.84	≤29.20	PASS	
	Ant2	5320	14.41	≤23.67	≤23.21	17.54	≤29.21	PASS	
	Ant1	5500	13.96	≤23.69	≤23.21	17.97	≤29.21	PASS	
	Ant2	5500	14.30	≤23.65	≤23.20	17.43	≤29.20	PASS	
	Ant1	5580	13.89	≤23.72	≤23.26	17.90	≤29.26	PASS	
	Ant2	5580	14.59	≤23.66	≤23.21	17.72	≤29.21	PASS	
	Ant1	5700	13.98	≤23.66	≤23.21	17.99	≤29.21	PASS	
	Ant2	5700	14.09	≤23.64	≤23.20	17.22	≤29.20	PASS	
	Ant1	5720 UNII-2C	13.06	≤22.54	≤22.24	17.07	≤28.24	PASS	
	Ant2	5720 UNII-2C	12.84	≤22.51	≤22.24	15.97	≤28.24	PASS	
	Ant1	5720 UNII-3	5.18	≤30.00	≤30.00	9.19	---	PASS	
	Ant2	5720 UNII-3	4.95	≤30.00	≤30.00	8.08	---	PASS	
	Ant1	5745	14.44	≤30.00	≤30.00	18.45	---	PASS	
	Ant2	5745	14.39	≤30.00	≤30.00	17.52	---	PASS	
	Ant1	5785	14.31	≤30.00	≤30.00	18.32	---	PASS	
	Ant2	5785	14.47	≤30.00	≤30.00	17.60	---	PASS	
	Ant1	5825	13.89	≤30.00	≤30.00	17.90	---	PASS	
	Ant2	5825	13.43	≤30.00	≤30.00	16.56	---	PASS	
	11N20MIMO	Ant1	5180	10.50	≤23.98	---	14.51	≤22.48	PASS
		Ant2	5180	10.77	≤23.98	---	14.78	≤22.47	PASS
total		5180	13.65	≤23.98	---	17.66	≤22.47	PASS	
Ant1		5200	10.66	≤23.98	---	14.67	≤22.48	PASS	
Ant2		5200	10.59	≤23.98	---	14.60	≤22.48	PASS	
total		5200	13.64	≤23.98	---	17.65	≤22.48	PASS	
Ant1		5240	10.87	≤23.98	---	14.88	≤22.48	PASS	
Ant2		5240	10.83	≤23.98	---	14.84	≤22.49	PASS	
total		5240	13.86	≤23.98	---	17.87	≤22.48	PASS	
Ant1		5260	14.24	≤23.85	≤23.48	18.25	≤29.48	PASS	
Ant2		5260	14.50	≤23.86	≤23.48	18.51	≤29.48	PASS	
total		5260	17.38	≤23.98	≤23.48	21.39	≤29.48	PASS	
Ant1		5280	13.64	≤23.87	≤23.48	17.65	≤29.48	PASS	
Ant2		5280	13.74	≤23.84	≤23.49	17.75	≤29.49	PASS	
total		5280	16.70	≤23.98	≤23.48	20.71	≤29.48	PASS	
Ant1		5320	13.32	≤23.88	≤23.48	17.33	≤29.48	PASS	
Ant2		5320	13.66	≤23.84	≤23.48	17.67	≤29.48	PASS	
total		5320	16.50	≤23.98	≤23.48	20.51	≤29.48	PASS	
Ant1		5500	14.32	≤23.85	≤23.50	18.33	≤29.50	PASS	
Ant2		5500	14.08	≤23.84	≤23.48	18.09	≤29.48	PASS	
total		5500	17.21	≤23.98	≤23.48	21.22	≤29.48	PASS	
Ant1		5580	14.05	≤23.90	≤23.53	18.06	≤29.53	PASS	
Ant2		5580	13.95	≤23.86	≤23.48	17.96	≤29.48	PASS	
total		5580	17.01	≤23.98	≤23.48	21.02	≤29.48	PASS	
Ant1		5700	13.94	≤23.90	≤23.49	17.95	≤29.49	PASS	
Ant2		5700	13.64	≤23.83	≤23.48	17.65	≤29.48	PASS	
total		5700	16.80	≤23.98	≤23.48	20.81	≤29.48	PASS	
Ant1		5720 UNII-2C	12.78	≤22.69	≤22.42	16.79	≤28.42	PASS	
Ant2		5720 UNII-2C	12.33	≤22.67	≤22.42	16.34	≤28.42	PASS	

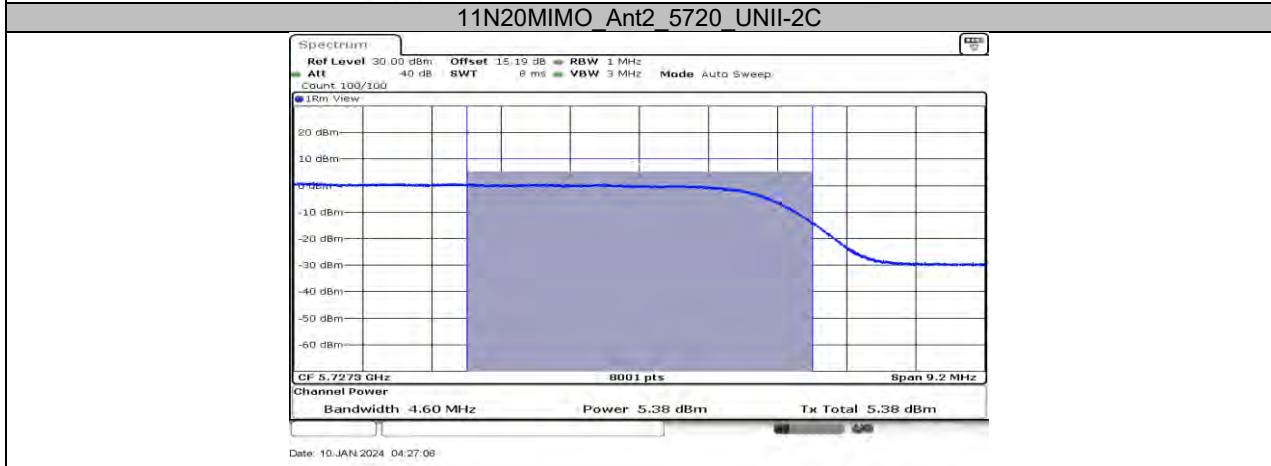
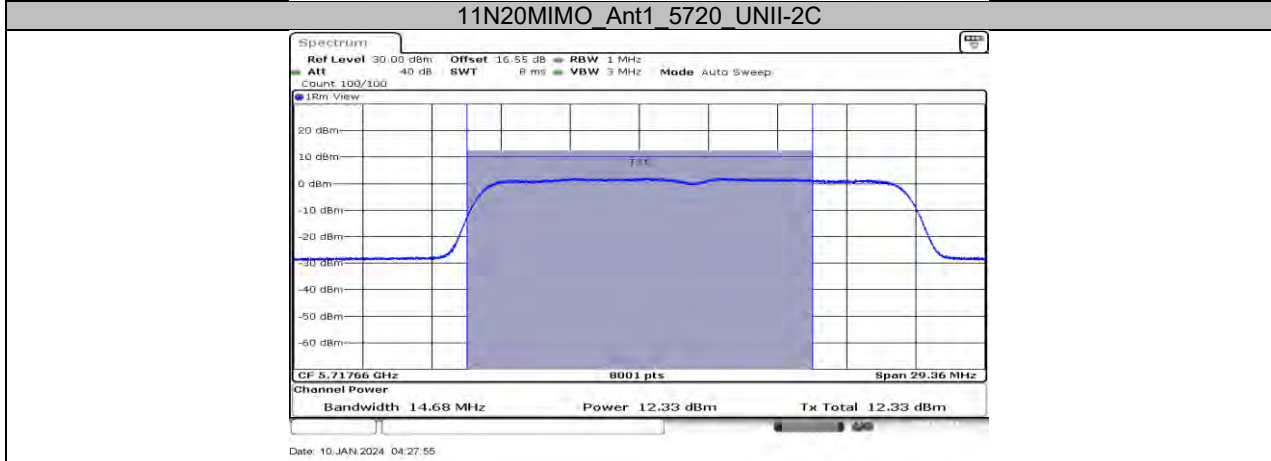
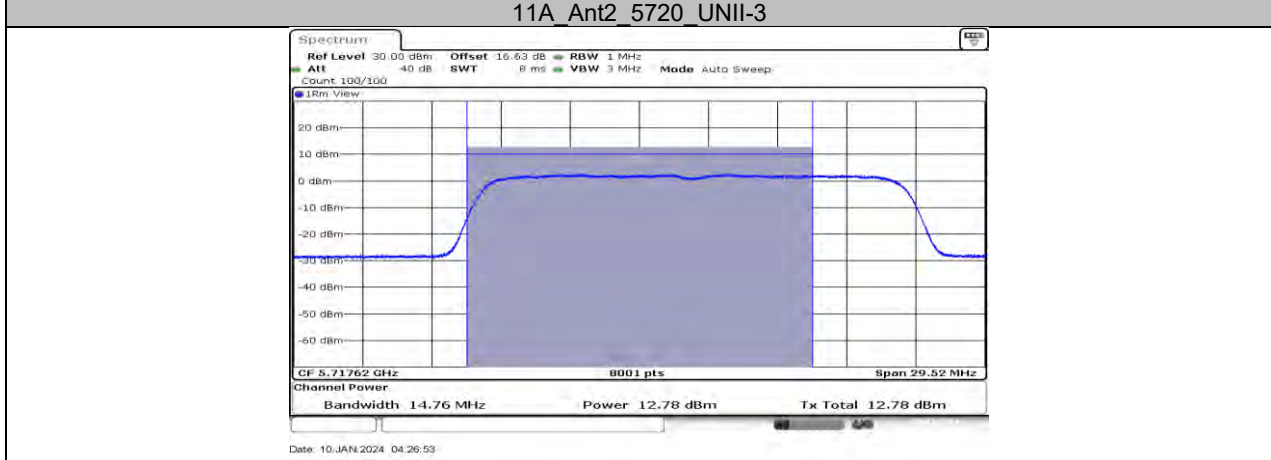
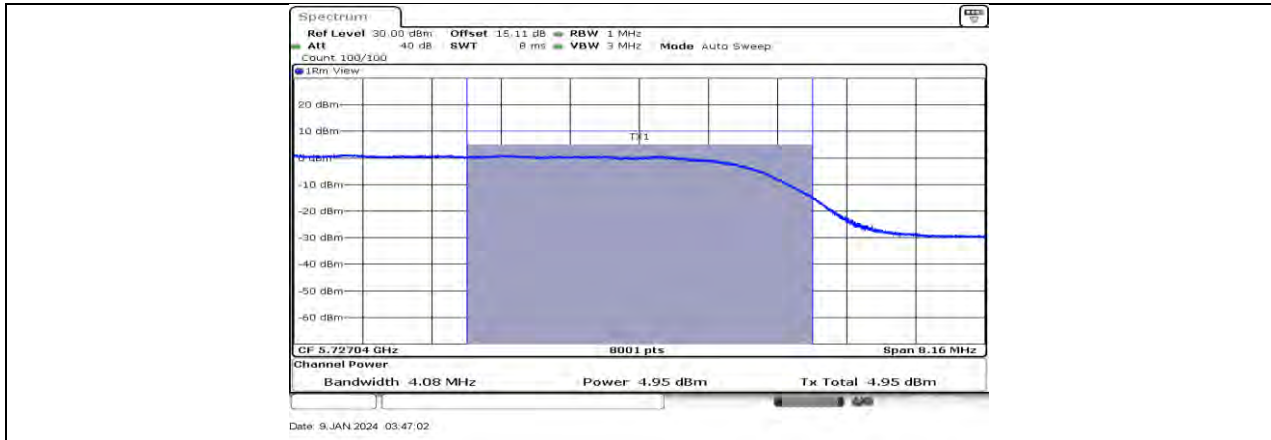
	total	5720 UNII-2C	15.57	≤23.98	≤22.42	19.58	≤28.42	PASS
	Ant1	5720 UNII-3	5.38	≤30.00	≤30.00	9.39	---	PASS
	Ant2	5720 UNII-3	4.89	≤30.00	≤30.00	8.90	---	PASS
	total	5720 UNII-3	8.15	≤30.00	≤30.00	12.16	---	PASS
	Ant1	5745	14.61	≤30.00	≤30.00	18.62	---	PASS
	Ant2	5745	13.93	≤30.00	≤30.00	17.94	---	PASS
	total	5745	17.29	≤30.00	≤30.00	21.30	---	PASS
	Ant1	5785	13.86	≤30.00	≤30.00	17.87	---	PASS
	Ant2	5785	14.03	≤30.00	≤30.00	18.04	---	PASS
	total	5785	16.96	≤30.00	≤30.00	20.97	---	PASS
	Ant1	5825	14.28	≤30.00	≤30.00	18.29	---	PASS
	Ant2	5825	13.72	≤30.00	≤30.00	17.73	---	PASS
	total	5825	17.02	≤30.00	≤30.00	21.03	---	PASS
	Ant1	5190	13.57	≤23.98	---	17.58	≤23.00	PASS
	Ant2	5190	13.25	≤23.98	---	17.26	≤23.00	PASS
	total	5190	16.42	≤23.98	---	20.43	≤23.00	PASS
	Ant1	5230	13.38	≤23.98	---	17.39	≤23.00	PASS
	Ant2	5230	13.45	≤23.98	---	17.46	≤23.00	PASS
	total	5230	16.43	≤23.98	---	20.44	≤23.00	PASS
	Ant1	5270	14.08	≤23.98	≤23.98	18.09	≤30.00	PASS
	Ant2	5270	14.06	≤23.98	≤23.98	18.07	≤30.00	PASS
	total	5270	17.08	≤23.98	≤23.98	21.09	≤30.00	PASS
	Ant1	5310	13.01	≤23.98	≤23.98	17.02	≤30.00	PASS
	Ant2	5310	13.56	≤23.98	≤23.98	17.57	≤30.00	PASS
	total	5310	16.30	≤23.98	≤23.98	20.31	≤30.00	PASS
	Ant1	5510	12.56	≤23.98	≤23.98	16.57	≤30.00	PASS
	Ant2	5510	12.59	≤23.98	≤23.98	16.60	≤30.00	PASS
	total	5510	15.59	≤23.98	≤23.98	19.60	≤30.00	PASS
	Ant1	5550	14.40	≤23.98	≤23.98	18.41	≤30.00	PASS
	Ant2	5550	14.19	≤23.98	≤23.98	18.20	≤30.00	PASS
	total	5550	17.31	≤23.98	≤23.98	21.32	≤30.00	PASS
	Ant1	5670	14.42	≤23.98	≤23.98	18.43	≤30.00	PASS
	Ant2	5670	13.99	≤23.98	≤23.98	18.00	≤30.00	PASS
	total	5670	17.22	≤23.98	≤23.98	21.23	≤30.00	PASS
	Ant1	5710 UNII-2C	13.69	≤23.98	≤23.98	17.70	≤30.00	PASS
	Ant2	5710 UNII-2C	12.49	≤23.98	≤23.98	16.50	≤30.00	PASS
	total	5710 UNII-2C	16.14	≤23.98	≤23.98	20.15	≤30.00	PASS
	Ant1	5710 UNII-3	-0.67	≤30.00	≤30.00	3.34	---	PASS
	Ant2	5710 UNII-3	-2.01	≤30.00	≤30.00	2.00	---	PASS
	total	5710 UNII-3	1.72	≤30.00	≤30.00	5.73	---	PASS
	Ant1	5755	14.39	≤30.00	≤30.00	18.40	---	PASS
	Ant2	5755	13.92	≤30.00	≤30.00	17.93	---	PASS
	total	5755	17.17	≤30.00	≤30.00	21.18	---	PASS
	Ant1	5795	13.69	≤30.00	≤30.00	17.70	---	PASS
	Ant2	5795	13.17	≤30.00	≤30.00	17.18	---	PASS
	total	5795	16.45	≤30.00	≤30.00	20.46	---	PASS
	Ant1	5210	13.54	≤23.98	---	17.55	≤23.00	PASS
	Ant2	5210	13.48	≤23.98	---	17.49	≤23.00	PASS
	total	5210	16.52	≤23.98	---	20.53	≤23.00	PASS
	Ant1	5290	13.23	≤23.98	≤23.98	17.24	≤30.00	PASS
	Ant2	5290	13.58	≤23.98	≤23.98	17.59	≤30.00	PASS
	total	5290	16.42	≤23.98	≤23.98	20.43	≤30.00	PASS
	Ant1	5530	12.42	≤23.98	≤23.98	16.43	≤30.00	PASS
	Ant2	5530	12.09	≤23.98	≤23.98	16.10	≤30.00	PASS
	total	5530	15.27	≤23.98	≤23.98	19.28	≤30.00	PASS
	Ant1	5610	13.16	≤23.98	≤23.98	17.17	≤30.00	PASS
	Ant2	5610	12.88	≤23.98	≤23.98	16.89	≤30.00	PASS
	total	5610	16.03	≤23.98	≤23.98	20.04	≤30.00	PASS
	Ant1	5690 UNII-2C	13.06	≤23.98	≤23.98	17.07	≤30.00	PASS
	Ant2	5690 UNII-2C	12.22	≤23.98	≤23.98	16.23	≤30.00	PASS
	total	5690 UNII-2C	15.67	≤23.98	≤23.98	19.68	≤30.00	PASS
	Ant1	5690 UNII-3	-8.24	≤30.00	≤30.00	-4.23	---	PASS
	Ant2	5690 UNII-3	-9.71	≤30.00	≤30.00	-5.70	---	PASS
	total	5690 UNII-3	-5.90	≤30.00	≤30.00	-1.89	---	PASS

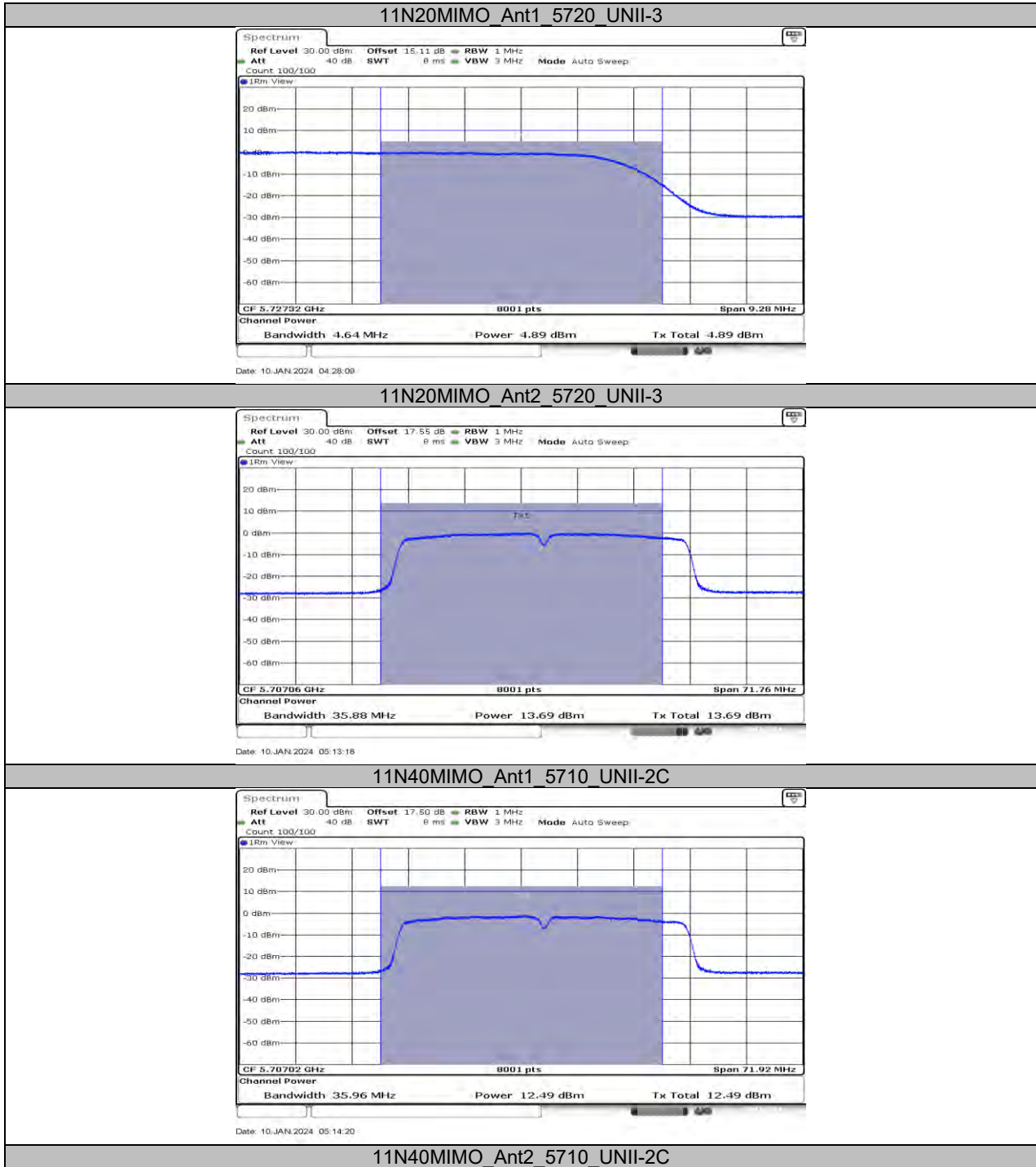
	Ant1	5775	12.94	≤30.00	≤30.00	16.95	---	PASS
	Ant2	5775	13.08	≤30.00	≤30.00	17.09	---	PASS
	total	5775	16.02	≤30.00	≤30.00	20.03	---	PASS

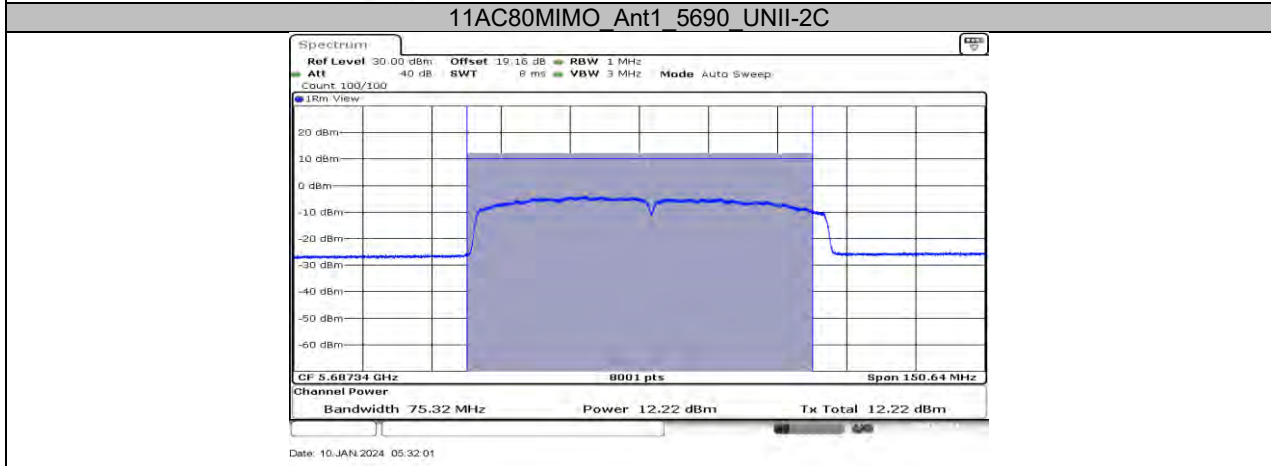
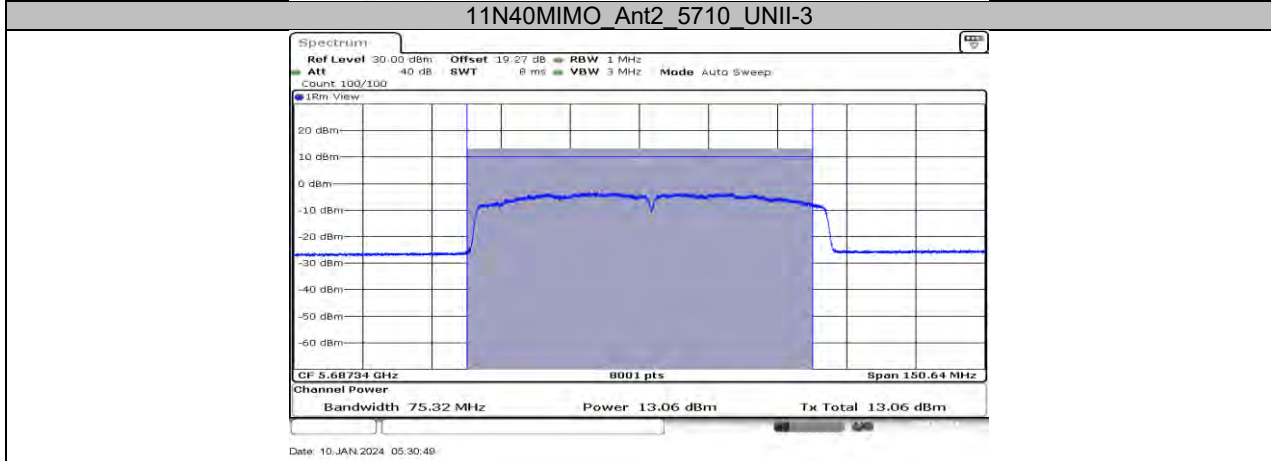
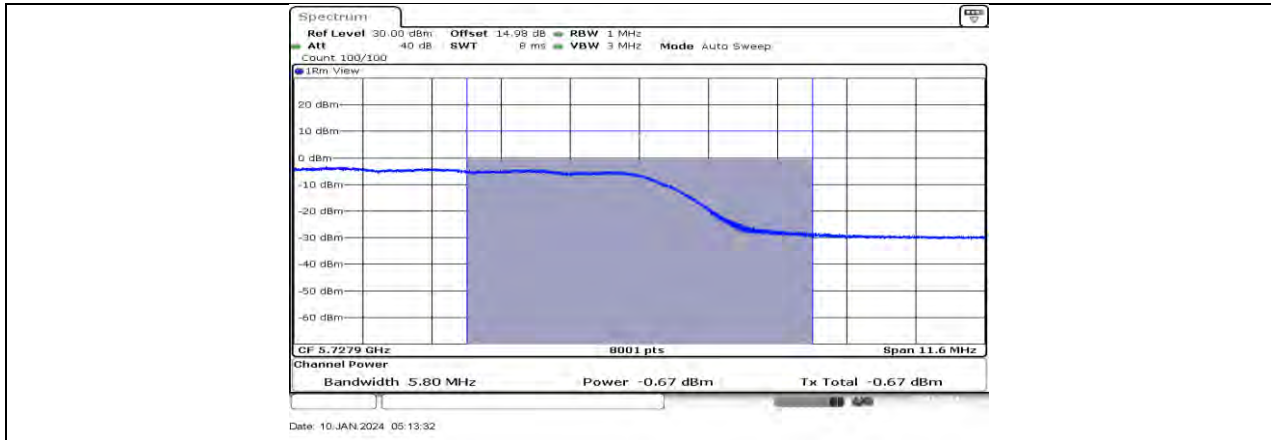
- Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

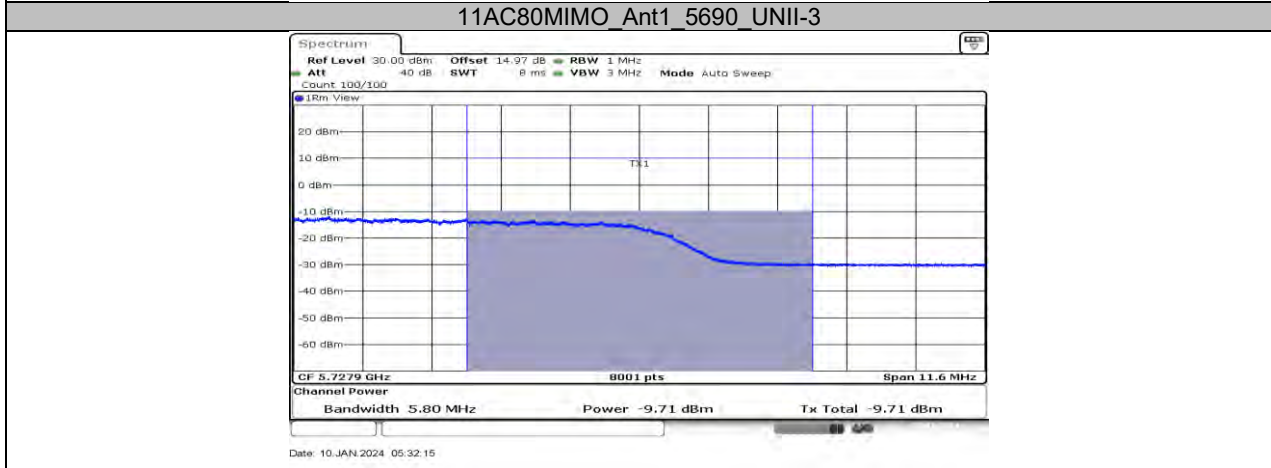
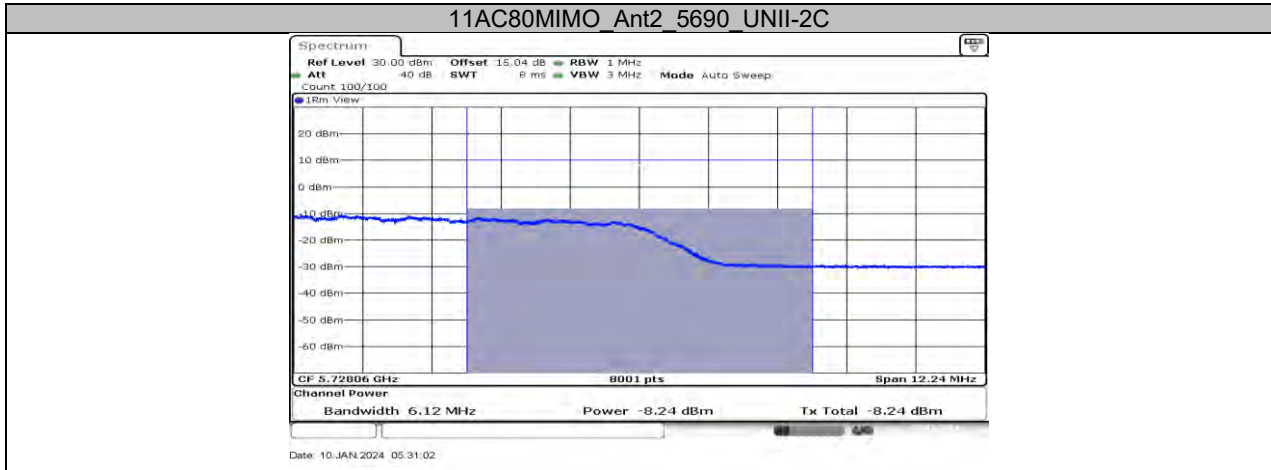
11.4.2. Test Graphs











11AC80MIMO_Ant2_5690_UNII-3

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

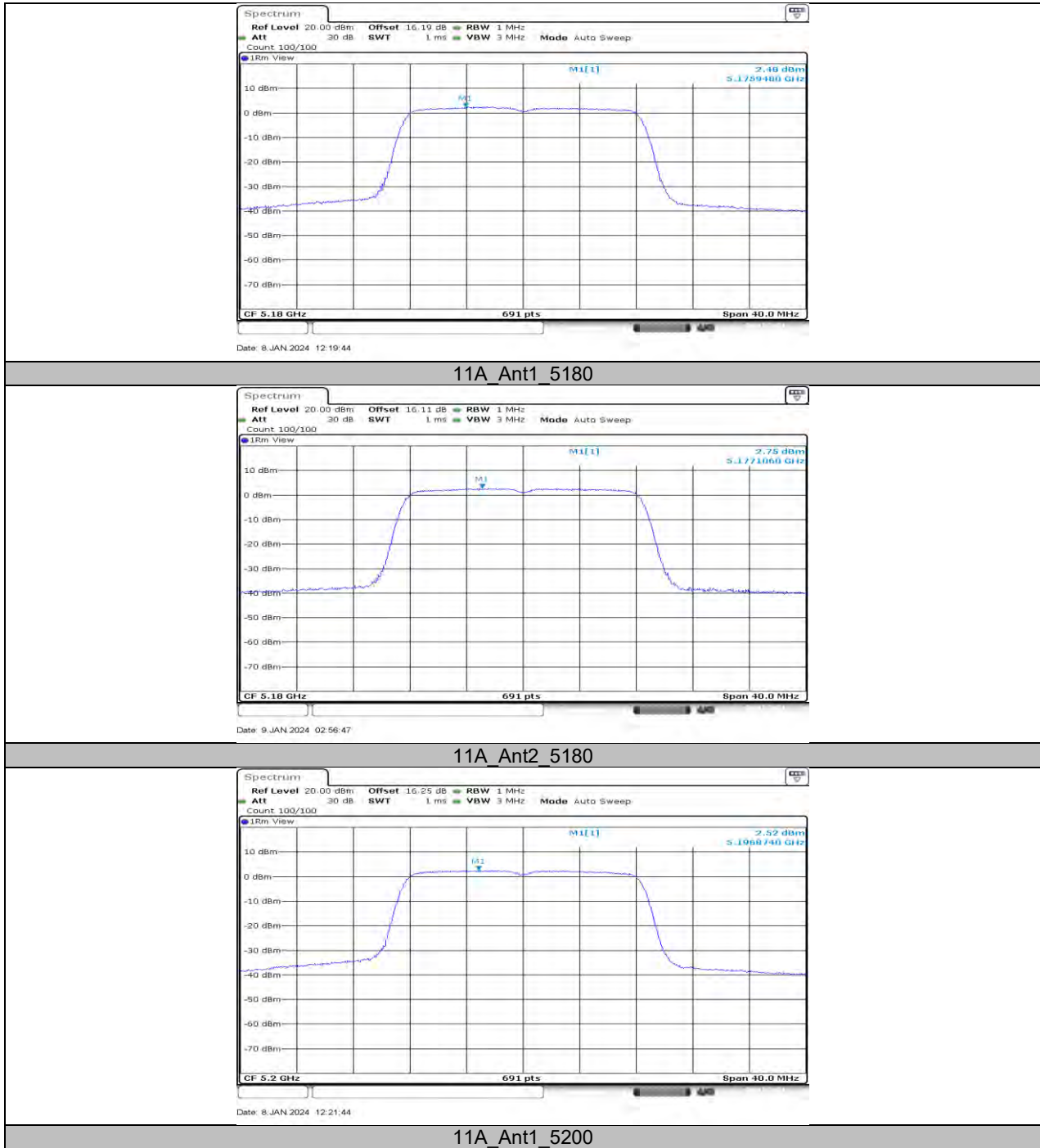
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.48	≤11.00	6.49	≤10.00	PASS
	Ant2	5180	2.75	≤11.00	5.88	≤10.00	PASS
	Ant1	5200	2.52	≤11.00	6.53	≤10.00	PASS
	Ant2	5200	3.28	≤11.00	6.41	≤10.00	PASS
	Ant1	5240	1.90	≤11.00	5.91	≤10.00	PASS
	Ant2	5240	2.85	≤11.00	5.98	≤10.00	PASS
	Ant1	5260	2.22	≤11.00	6.23	---	PASS
	Ant2	5260	3.63	≤11.00	6.76	---	PASS
	Ant1	5280	2.67	≤11.00	6.68	---	PASS
	Ant2	5280	3.65	≤11.00	6.78	---	PASS
	Ant1	5320	2.49	≤11.00	6.50	---	PASS
	Ant2	5320	3.13	≤11.00	6.26	---	PASS
	Ant1	5500	2.70	≤11.00	6.71	---	PASS
	Ant2	5500	3.21	≤11.00	6.34	---	PASS
	Ant1	5580	2.46	≤11.00	6.47	---	PASS
	Ant2	5580	3.28	≤11.00	6.41	---	PASS
	Ant1	5700	2.80	≤11.00	6.81	---	PASS
	Ant2	5700	2.92	≤11.00	6.05	---	PASS
	Ant1	5720_UNII-2C	2.64	≤11.00	6.65	---	PASS
	Ant2	5720_UNII-2C	2.65	≤11.00	5.78	---	PASS
	Ant1	5720_UNII-3	-0.45	≤30.00	3.56	---	PASS
	Ant2	5720_UNII-3	-0.92	≤30.00	2.21	---	PASS
	Ant1	5745	0.42	≤30.00	4.43	---	PASS
	Ant2	5745	0.33	≤30.00	3.46	---	PASS
	Ant1	5785	0.42	≤30.00	4.43	---	PASS
	Ant2	5785	0.28	≤30.00	3.41	---	PASS
	Ant1	5825	-0.29	≤30.00	3.72	---	PASS
	Ant2	5825	-0.53	≤30.00	2.60	---	PASS
11N20MIMO	Ant1	5180	-1.04	≤11.00	2.97	≤10.00	PASS
	Ant2	5180	-0.57	≤11.00	3.44	≤10.00	PASS
	total	5180	2.21	≤9.98	9.23	≤10.00	PASS
	Ant1	5200	-1.00	≤11.00	3.01	≤10.00	PASS
	Ant2	5200	-0.86	≤11.00	3.15	≤10.00	PASS
	total	5200	2.08	≤9.98	9.10	≤10.00	PASS
	Ant1	5240	-0.63	≤11.00	3.38	≤10.00	PASS
	Ant2	5240	-0.59	≤11.00	3.42	≤10.00	PASS
	total	5240	2.40	≤9.98	9.42	≤10.00	PASS
	Ant1	5260	2.69	≤11.00	6.70	---	PASS
	Ant2	5260	3.03	≤11.00	7.04	---	PASS
	total	5260	5.87	≤9.98	12.89	---	PASS
	Ant1	5280	2.08	≤11.00	6.09	---	PASS
	Ant2	5280	2.15	≤11.00	6.16	---	PASS
	total	5280	5.13	≤9.98	12.15	---	PASS
	Ant1	5320	1.75	≤11.00	5.76	---	PASS
	Ant2	5320	2.09	≤11.00	6.10	---	PASS
	total	5320	4.93	≤9.98	11.95	---	PASS
	Ant1	5500	2.72	≤11.00	6.73	---	PASS
	Ant2	5500	2.63	≤11.00	6.64	---	PASS
	total	5500	5.69	≤9.98	12.71	---	PASS
	Ant1	5580	2.50	≤11.00	6.51	---	PASS
	Ant2	5580	2.39	≤11.00	6.40	---	PASS
	total	5580	5.46	≤9.98	12.48	---	PASS
	Ant1	5700	2.27	≤11.00	6.28	---	PASS
	Ant2	5700	2.25	≤11.00	6.26	---	PASS
	total	5700	5.27	≤9.98	12.29	---	PASS
	Ant1	5720_UNII-2C	2.29	≤11.00	6.30	---	PASS
	Ant2	5720_UNII-2C	1.83	≤11.00	5.84	---	PASS
	total	5720_UNII-2C	5.08	≤9.98	12.10	---	PASS

	Ant1	5720 UNII-3	-0.92	≤30.00	3.09	---	PASS
	Ant2	5720 UNII-3	-1.40	≤30.00	2.61	---	PASS
	total	5720 UNII-3	1.86	≤28.98	8.88	---	PASS
	Ant1	5745	0.31	≤30.00	4.32	---	PASS
	Ant2	5745	-0.56	≤30.00	3.45	---	PASS
	total	5745	2.91	≤28.98	9.93	---	PASS
	Ant1	5785	-0.60	≤30.00	3.41	---	PASS
	Ant2	5785	-0.44	≤30.00	3.57	---	PASS
	total	5785	2.49	≤28.98	9.51	---	PASS
	Ant1	5825	-0.16	≤30.00	3.85	---	PASS
	Ant2	5825	-0.65	≤30.00	3.36	---	PASS
	total	5825	2.61	≤28.98	9.63	---	PASS
11N40MIMO	Ant1	5190	-0.36	≤11.00	3.65	≤10.00	PASS
	Ant2	5190	-0.98	≤11.00	3.03	≤10.00	PASS
	total	5190	2.35	≤9.98	9.37	≤10.00	PASS
	Ant1	5230	-0.28	≤11.00	3.73	≤10.00	PASS
	Ant2	5230	-0.22	≤11.00	3.79	≤10.00	PASS
	total	5230	2.76	≤9.98	9.78	≤10.00	PASS
	Ant1	5270	0.11	≤11.00	4.12	---	PASS
	Ant2	5270	-0.19	≤11.00	3.82	---	PASS
	total	5270	2.97	≤9.98	9.99	---	PASS
	Ant1	5310	-0.46	≤11.00	3.55	---	PASS
	Ant2	5310	-0.20	≤11.00	3.81	---	PASS
	total	5310	2.68	≤9.98	9.70	---	PASS
	Ant1	5510	-0.11	≤11.00	3.90	---	PASS
	Ant2	5510	-0.43	≤11.00	3.58	---	PASS
	total	5510	2.74	≤9.98	9.76	---	PASS
	Ant1	5550	0.33	≤11.00	4.34	---	PASS
	Ant2	5550	0.15	≤11.00	4.16	---	PASS
	total	5550	3.25	≤9.98	10.27	---	PASS
	Ant1	5670	0.39	≤11.00	4.40	---	PASS
	Ant2	5670	-0.14	≤11.00	3.87	---	PASS
	total	5670	3.14	≤9.98	10.16	---	PASS
	Ant1	5710 UNII-2C	-0.06	≤11.00	3.95	---	PASS
	Ant2	5710 UNII-2C	-1.50	≤11.00	2.51	---	PASS
	total	5710 UNII-2C	2.29	≤9.98	9.31	---	PASS
	Ant1	5710 UNII-3	-4.99	≤30.00	-0.98	---	PASS
	Ant2	5710 UNII-3	-6.14	≤30.00	-2.13	---	PASS
	total	5710 UNII-3	-2.52	≤28.98	4.50	---	PASS
	Ant1	5755	-2.66	≤30.00	1.35	---	PASS
	Ant2	5755	-3.10	≤30.00	0.91	---	PASS
	total	5755	0.14	≤28.98	7.16	---	PASS
	Ant1	5795	-3.19	≤30.00	0.82	---	PASS
	Ant2	5795	-3.65	≤30.00	0.36	---	PASS
total	5795	-0.40	≤28.98	6.62	---	PASS	
11AC80MIMO	Ant1	5210	-3.58	≤11.00	0.43	≤10.00	PASS
	Ant2	5210	-3.38	≤11.00	0.63	≤10.00	PASS
	total	5210	-0.47	≤9.98	6.55	≤10.00	PASS
	Ant1	5290	-3.55	≤11.00	0.46	---	PASS
	Ant2	5290	-2.92	≤11.00	1.09	---	PASS
	total	5290	-0.21	≤9.98	6.81	---	PASS
	Ant1	5530	-3.40	≤11.00	0.61	---	PASS
	Ant2	5530	-3.55	≤11.00	0.46	---	PASS
	total	5530	-0.46	≤9.98	6.56	---	PASS
	Ant1	5610	-3.94	≤11.00	0.07	---	PASS
	Ant2	5610	-4.34	≤11.00	-0.33	---	PASS
	total	5610	-1.13	≤9.98	5.89	---	PASS
	Ant1	5690 UNII-2C	-3.66	≤11.00	0.35	---	PASS
	Ant2	5690 UNII-2C	-4.63	≤11.00	-0.62	---	PASS
	total	5690 UNII-2C	-1.11	≤9.98	5.91	---	PASS
	Ant1	5690 UNII-3	-11.23	≤30.00	-7.22	---	PASS
	Ant2	5690 UNII-3	-12.11	≤30.00	-8.10	---	PASS
	total	5690 UNII-3	-8.64	≤28.98	-1.62	---	PASS
Ant1	5775	-6.78	≤30.00	-2.77	---	PASS	

	Ant2	5775	-6.07	≤ 30.00	-2.06	---	PASS
	total	5775	-3.40	≤ 28.98	3.62	---	PASS

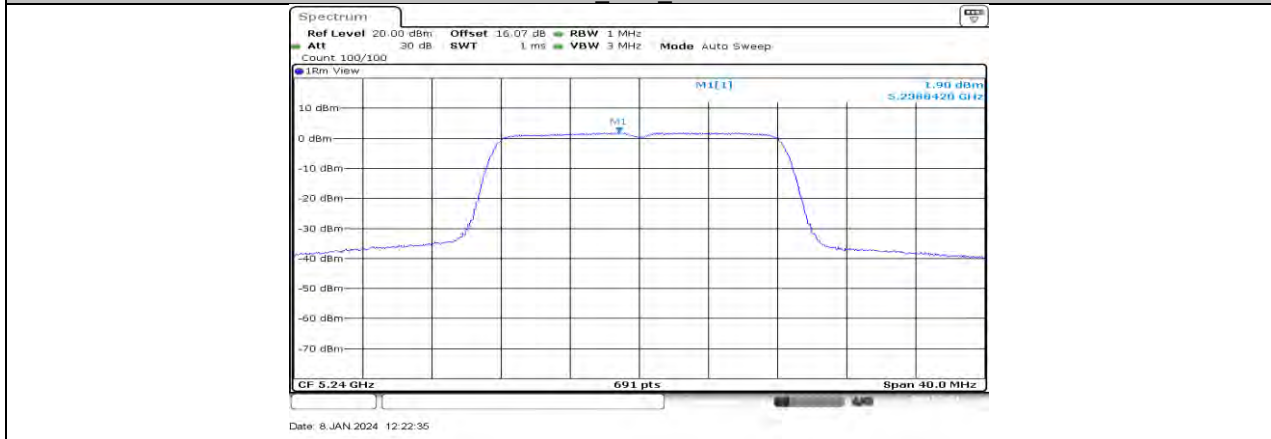
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs

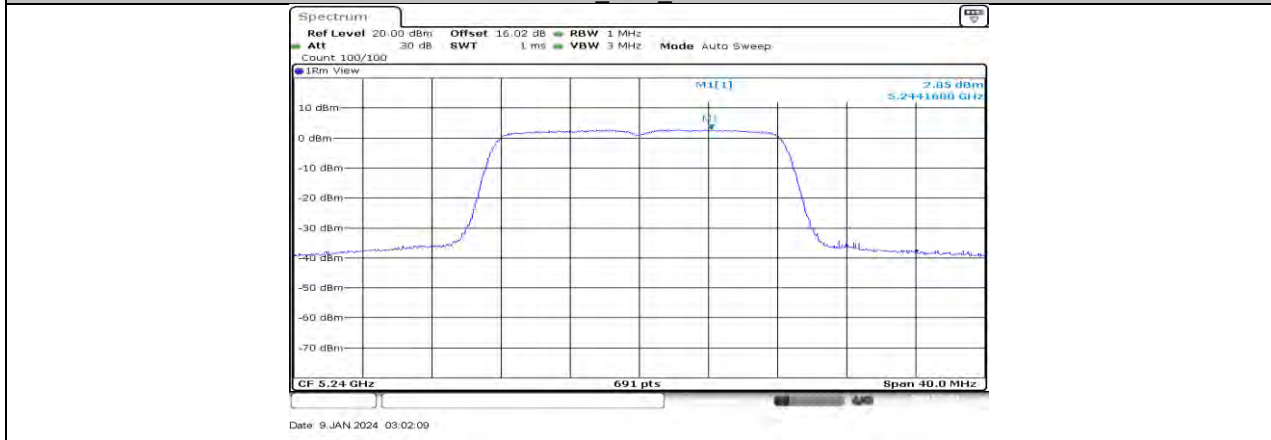




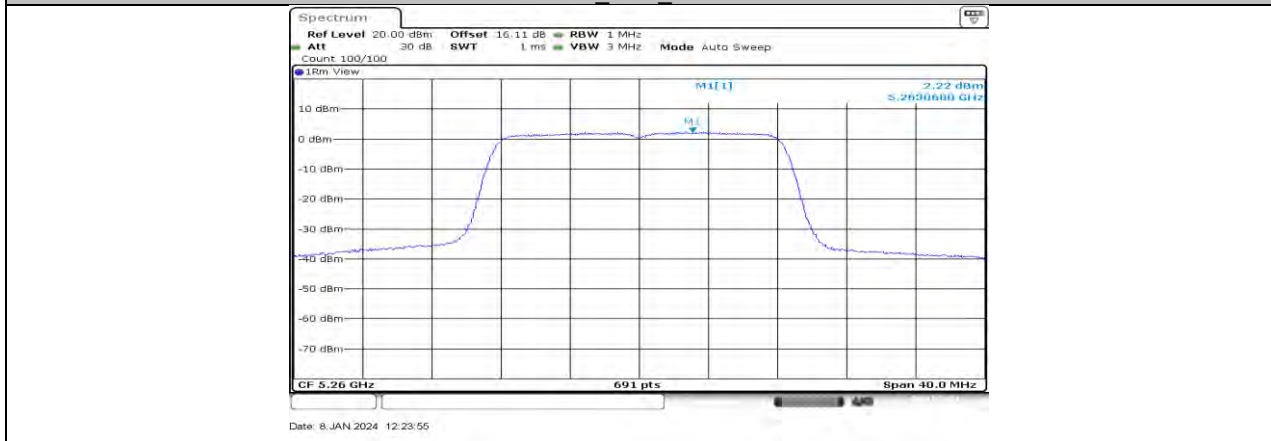
11A Ant2 5200

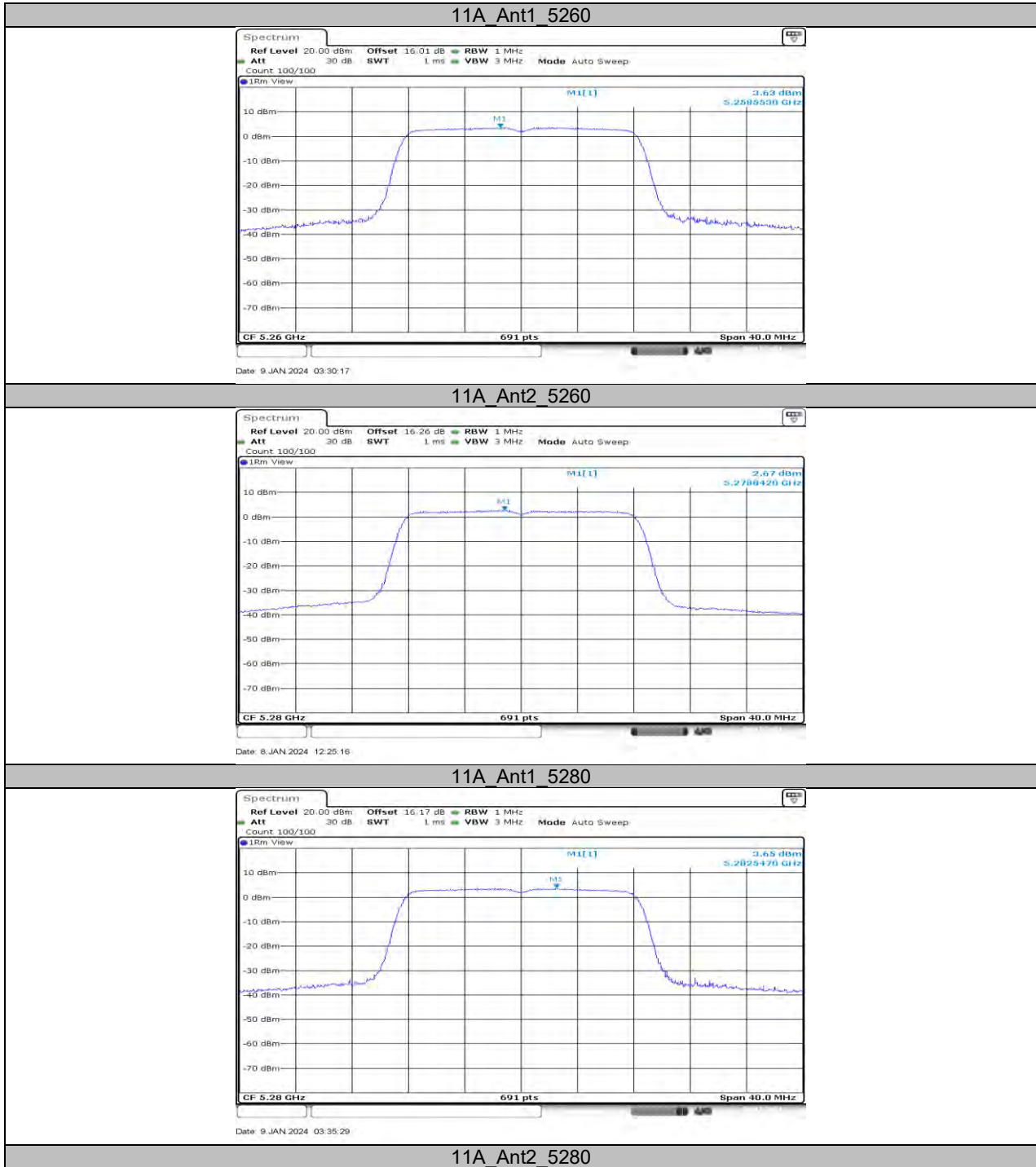


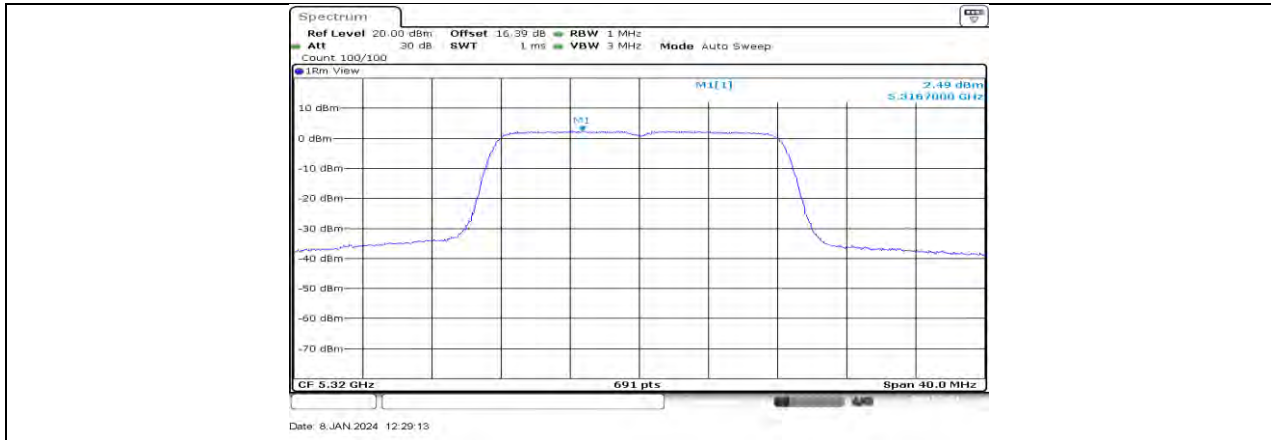
11A Ant1 5240



11A Ant2 5240







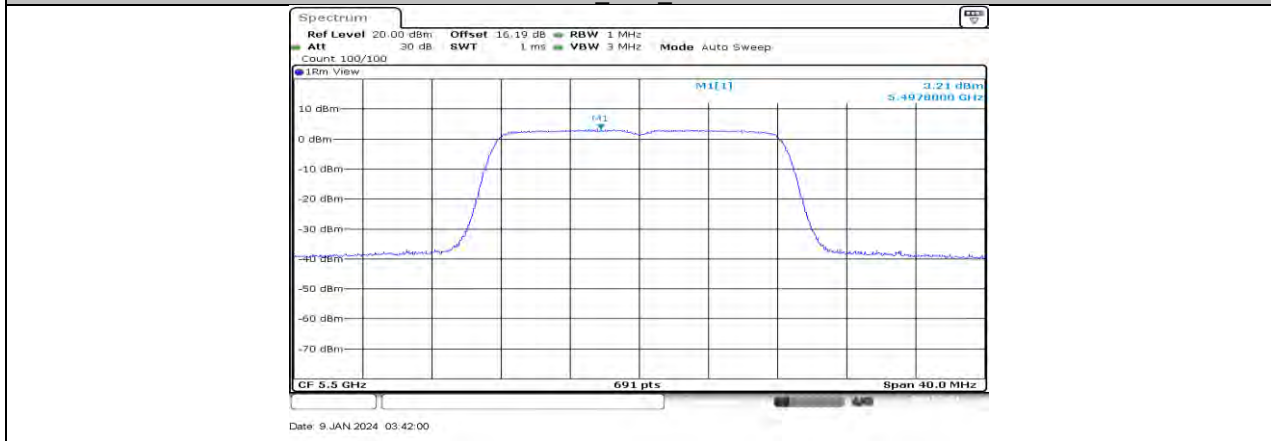
11A Ant1 5320

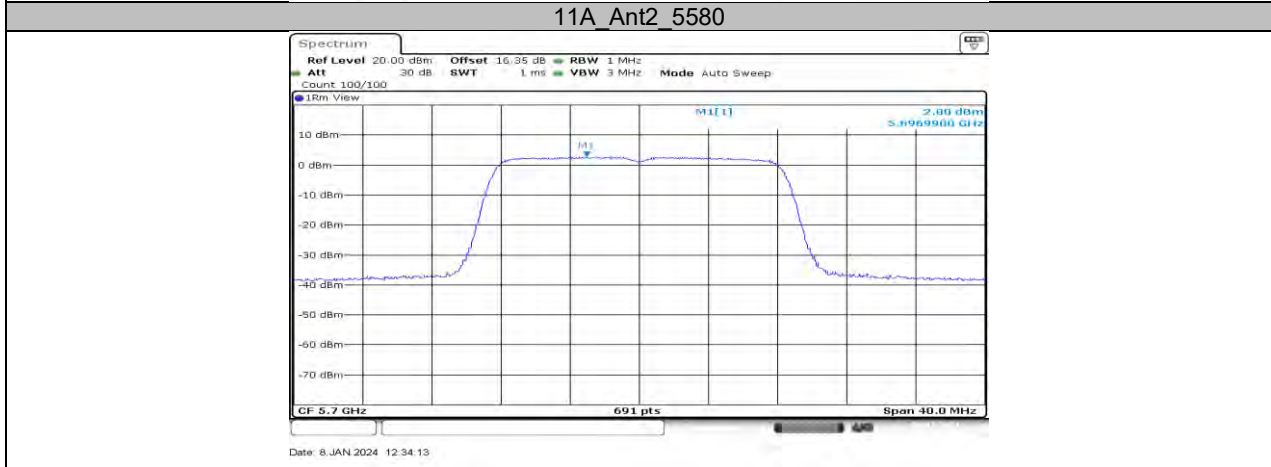
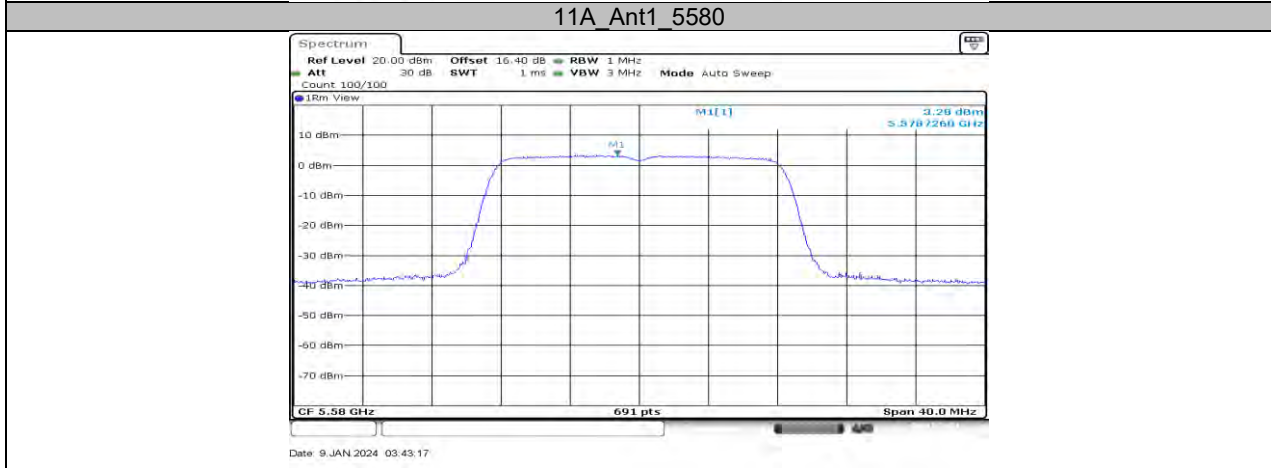
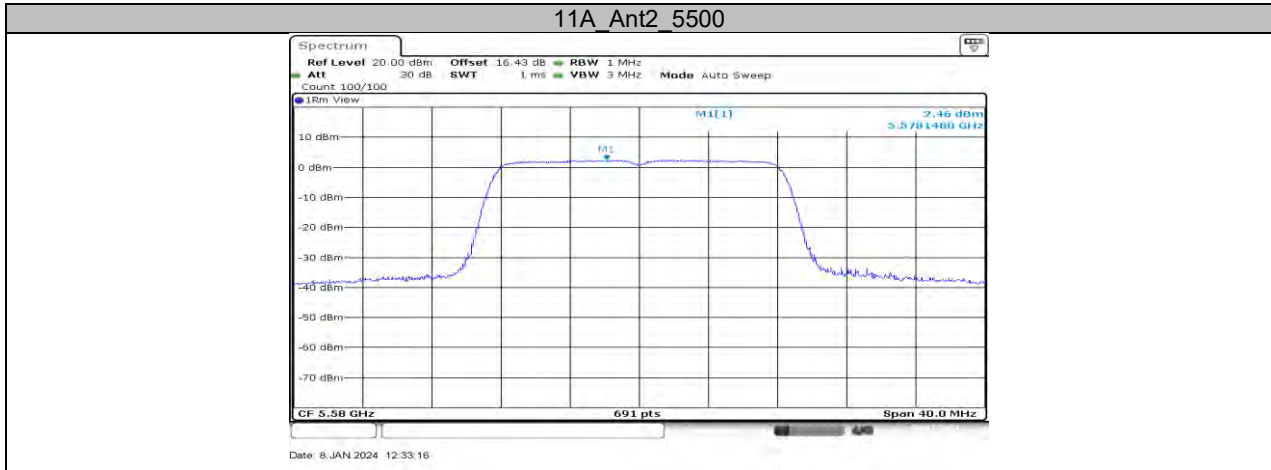


11A Ant2 5320



11A Ant1 5500





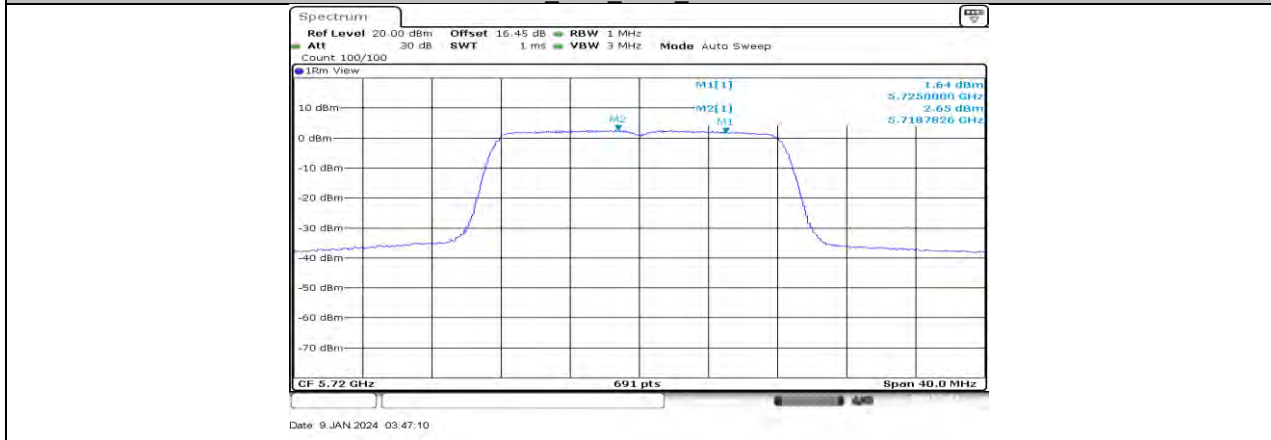
11A_Ant1_5700



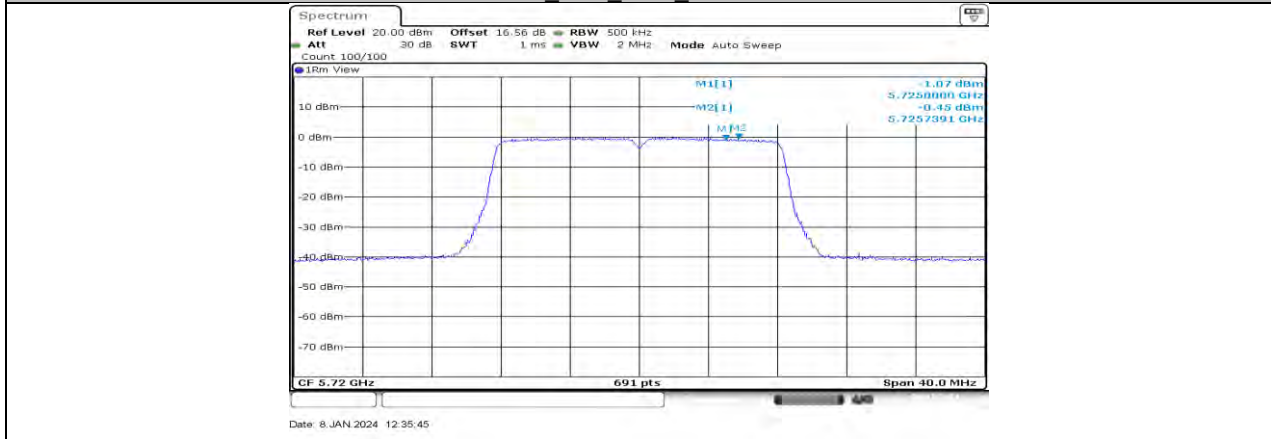
11A Ant2 5700

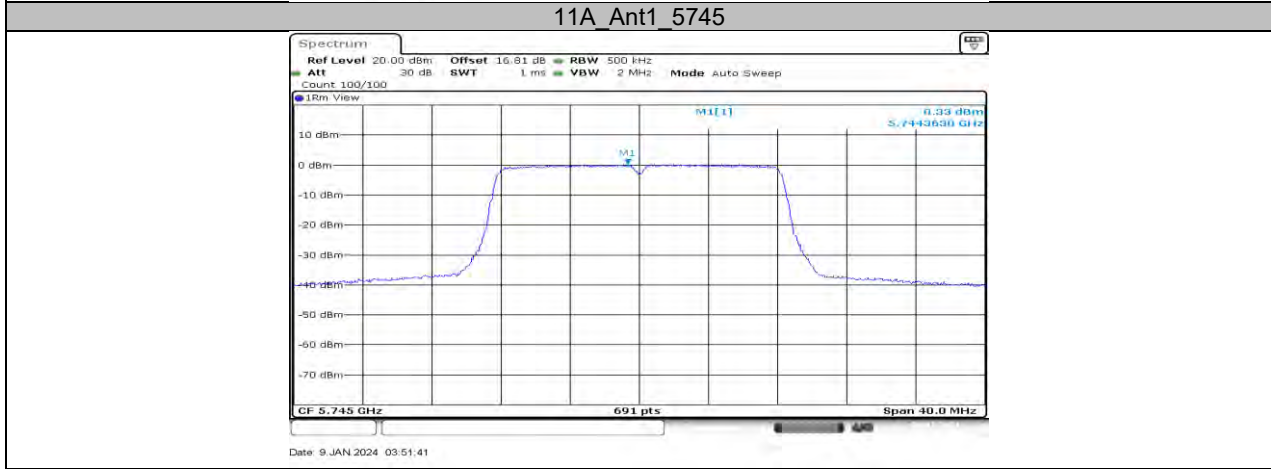
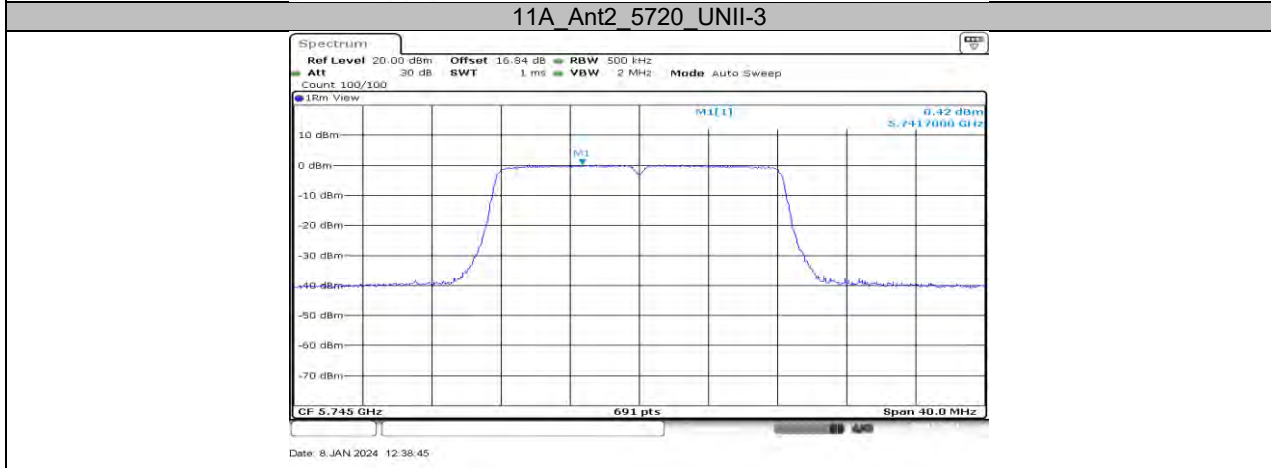
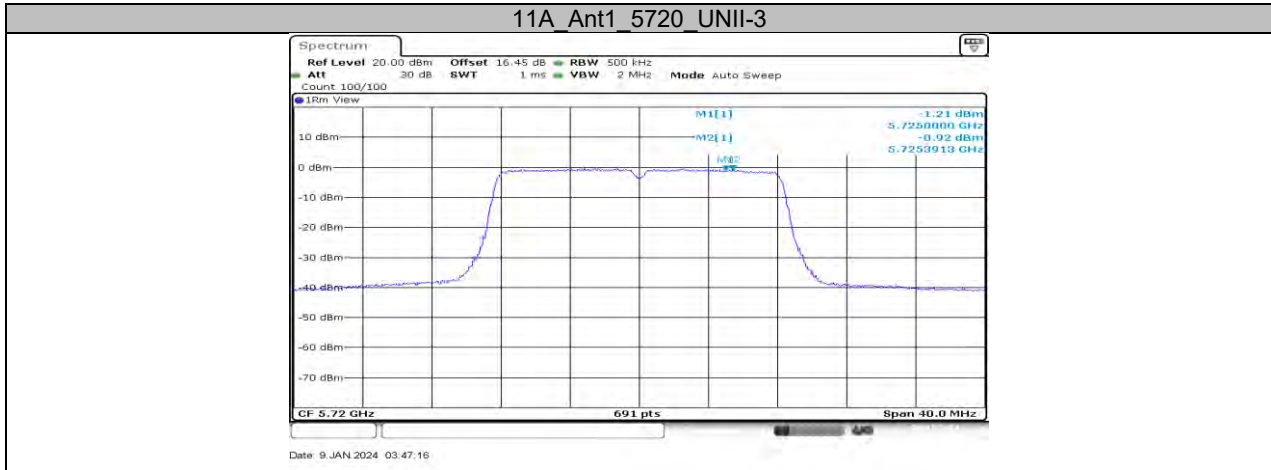


11A Ant1 5720 UNII-2C

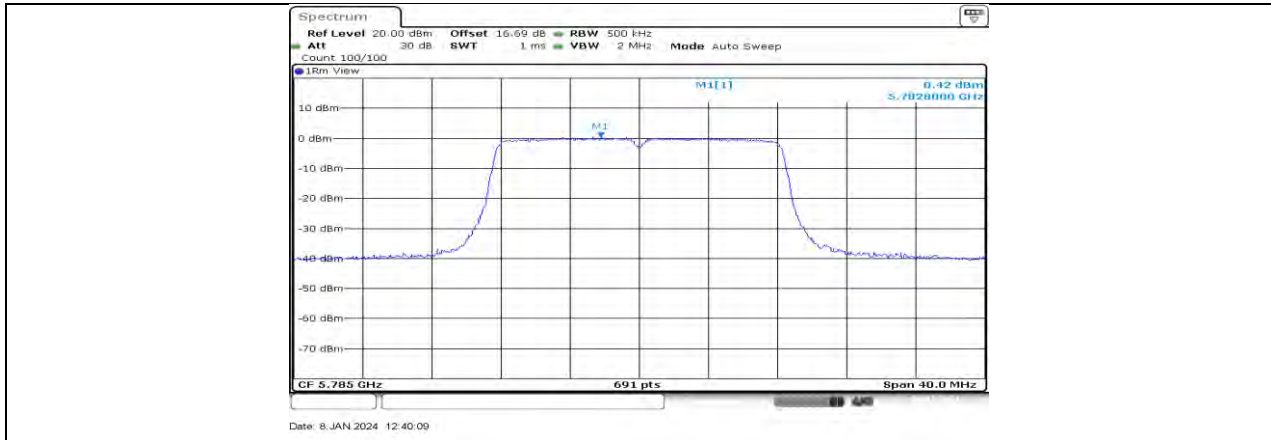


11A Ant2 5720 UNII-2C





11A_Ant2_5745



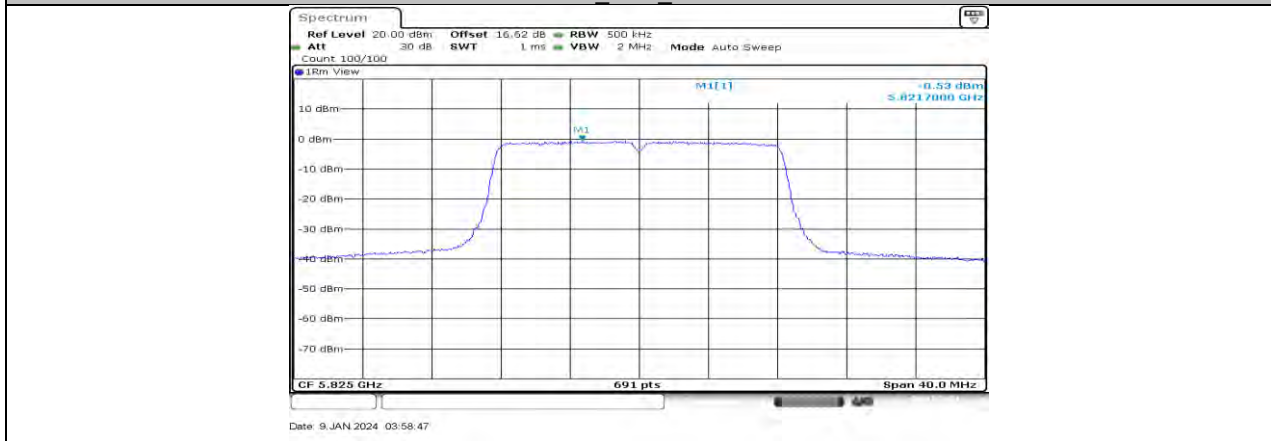
11A Ant1 5785



11A Ant2 5785



11A Ant1 5825





11N20MIMO_Ant1_5200



11N20MIMO Ant2 5200

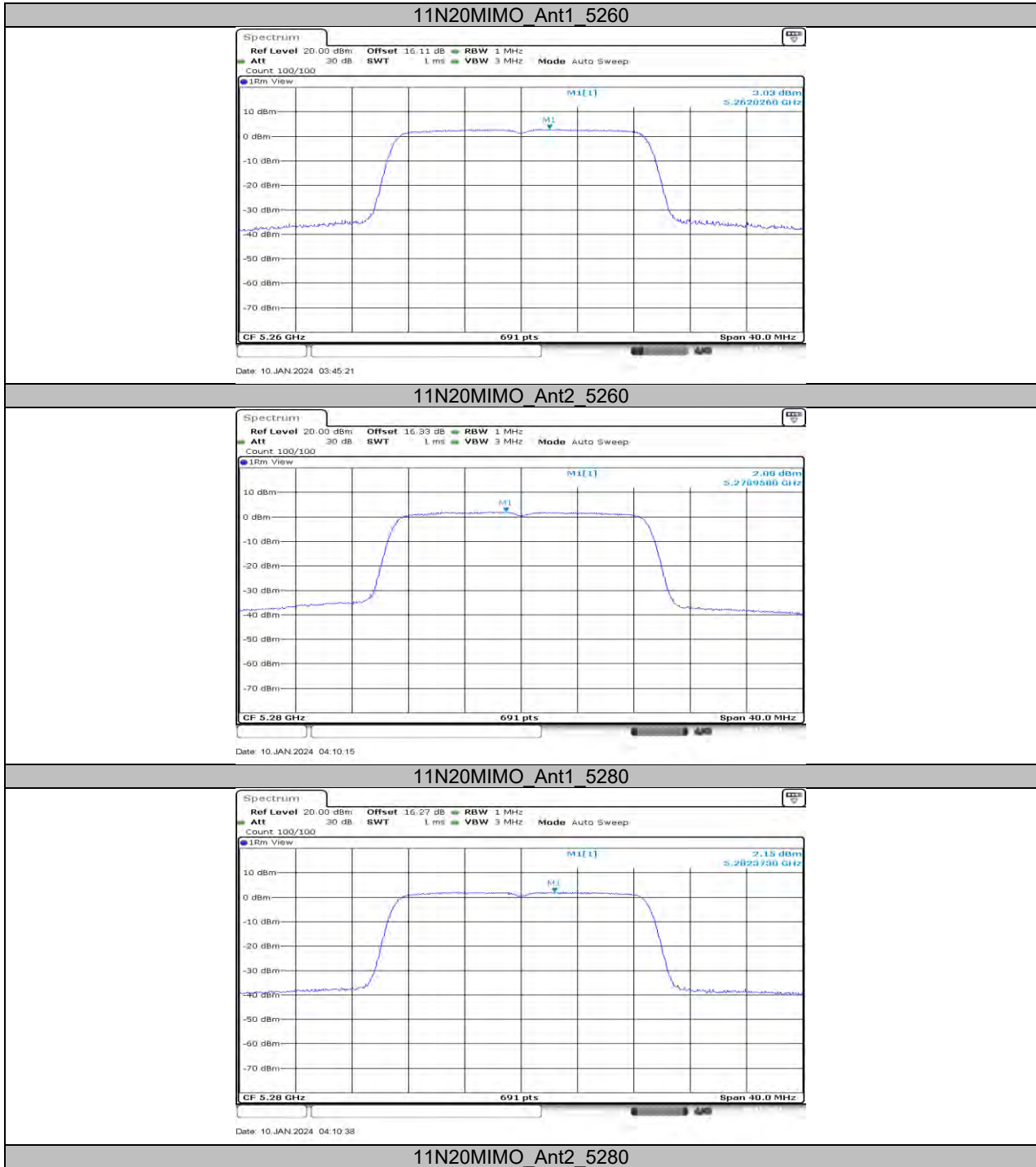


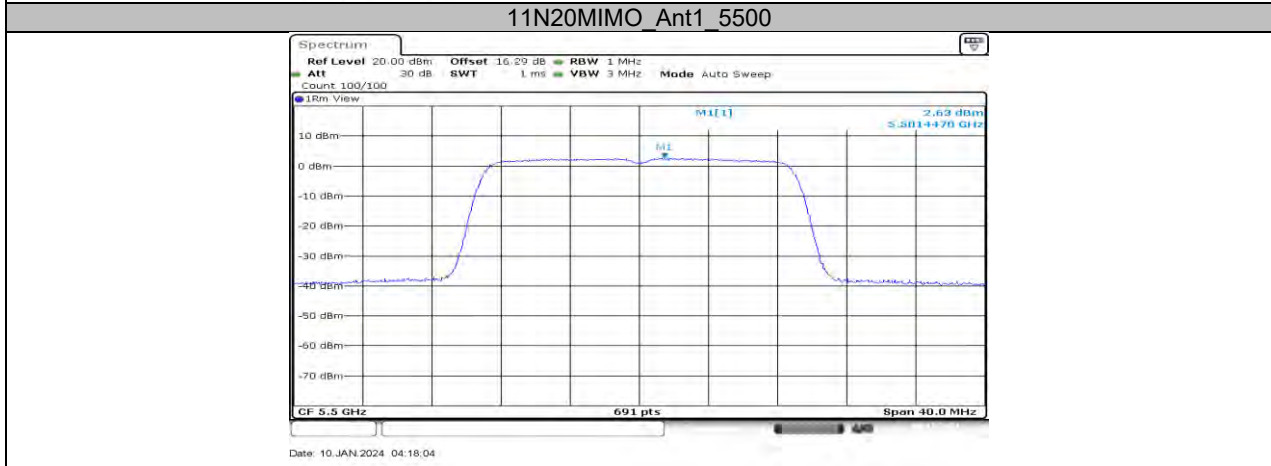
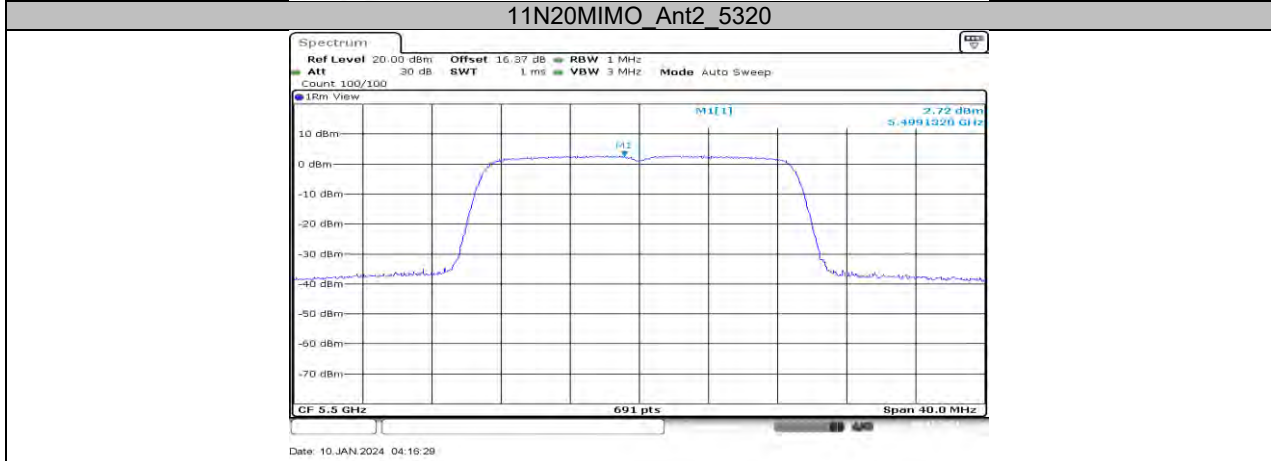
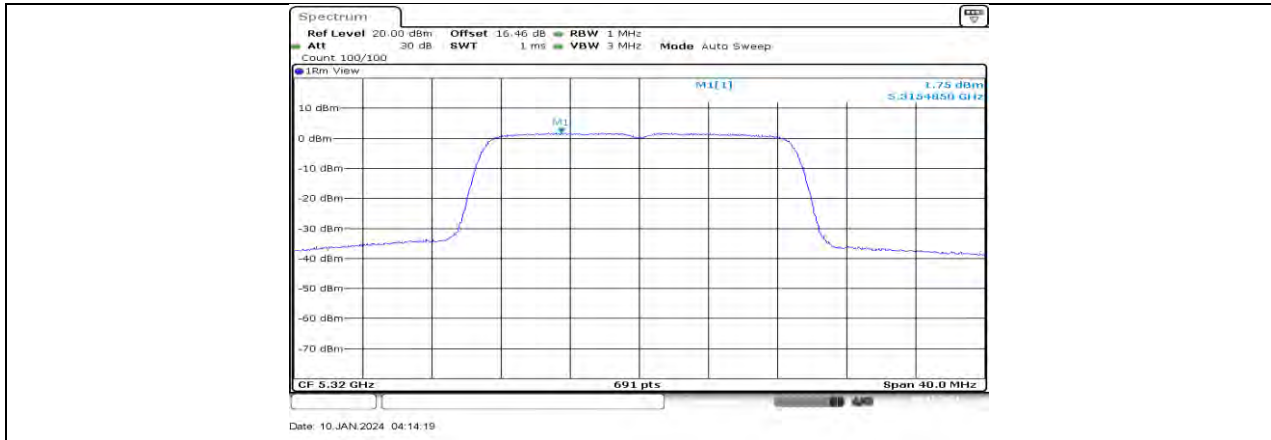
11N20MIMO Ant1 5240

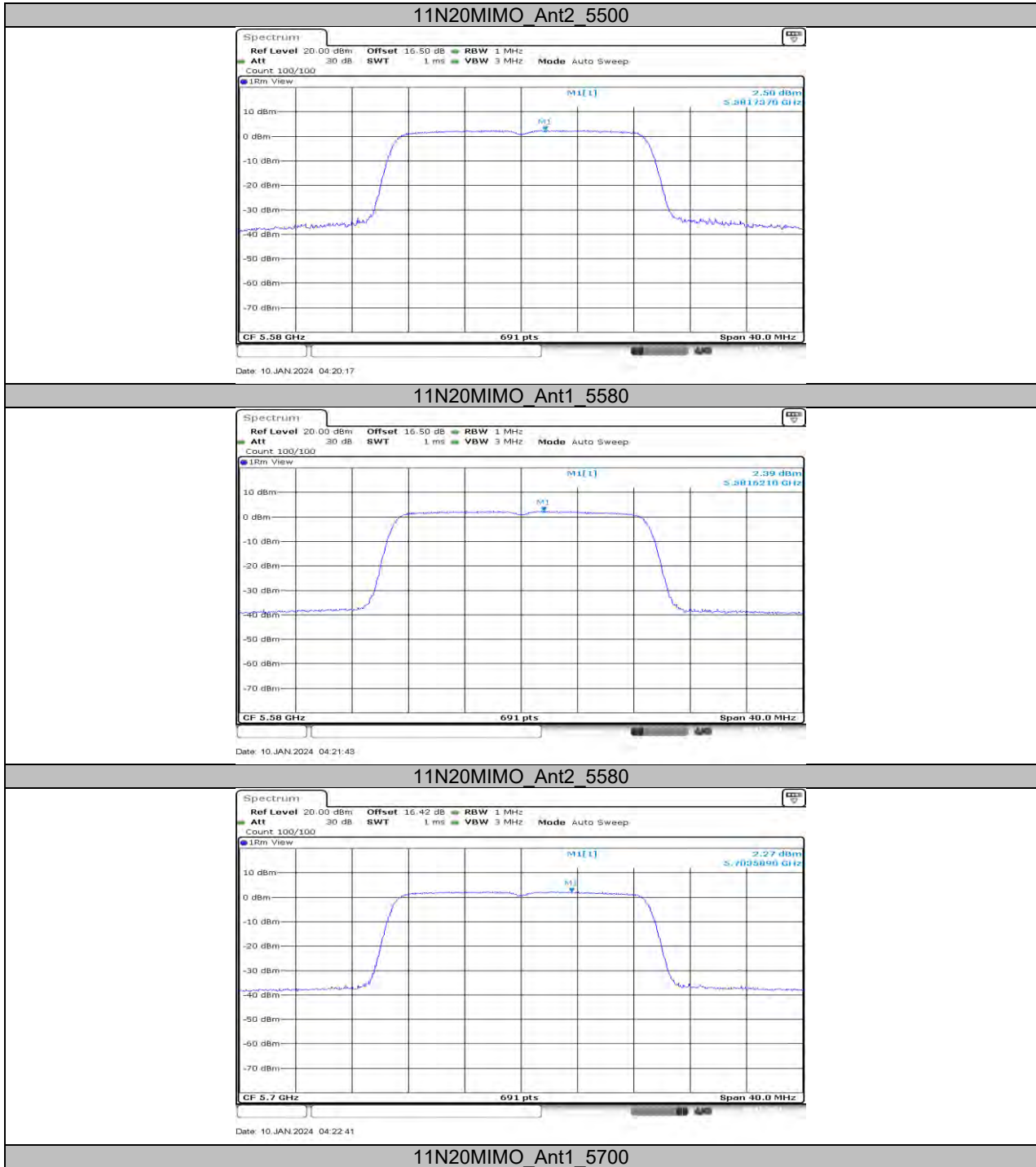


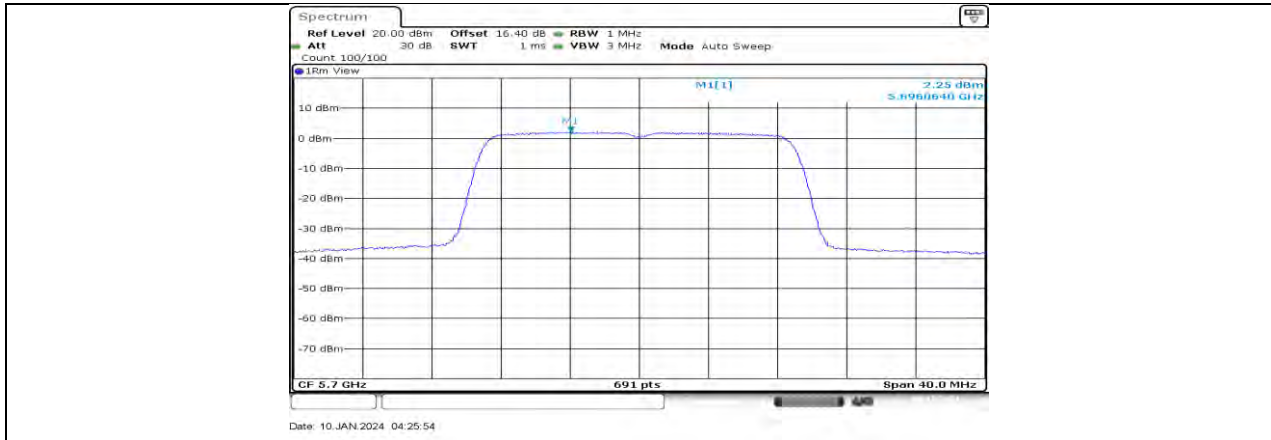
11N20MIMO Ant2 5240



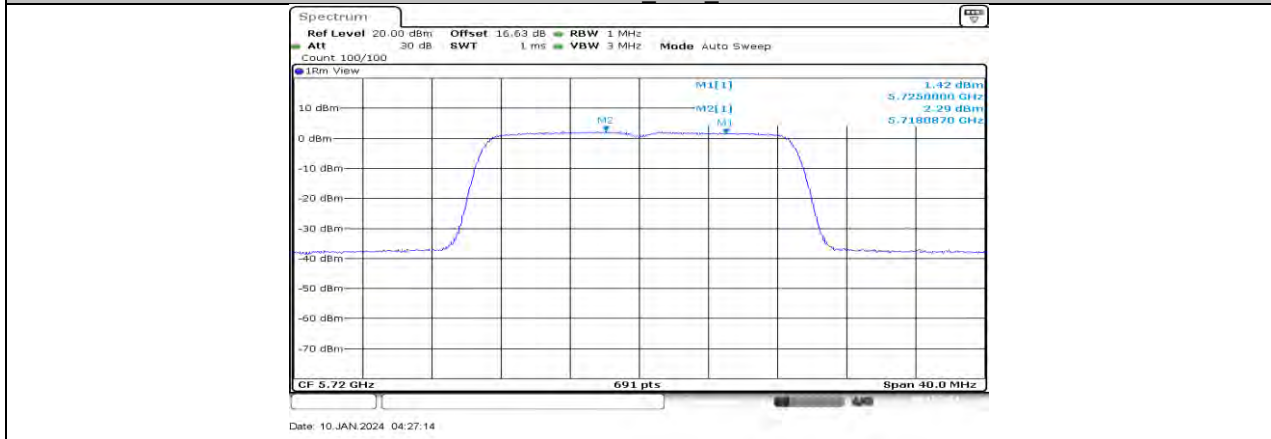




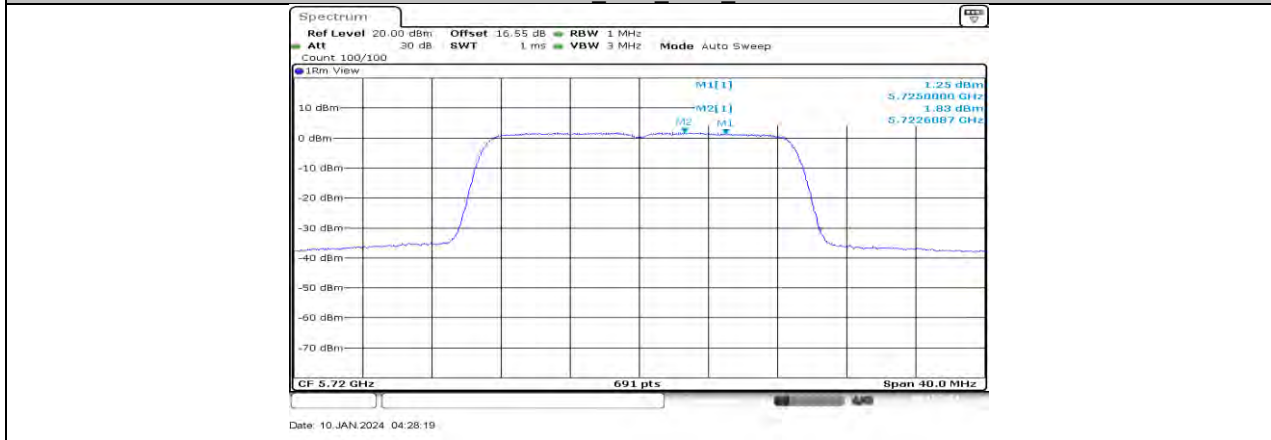




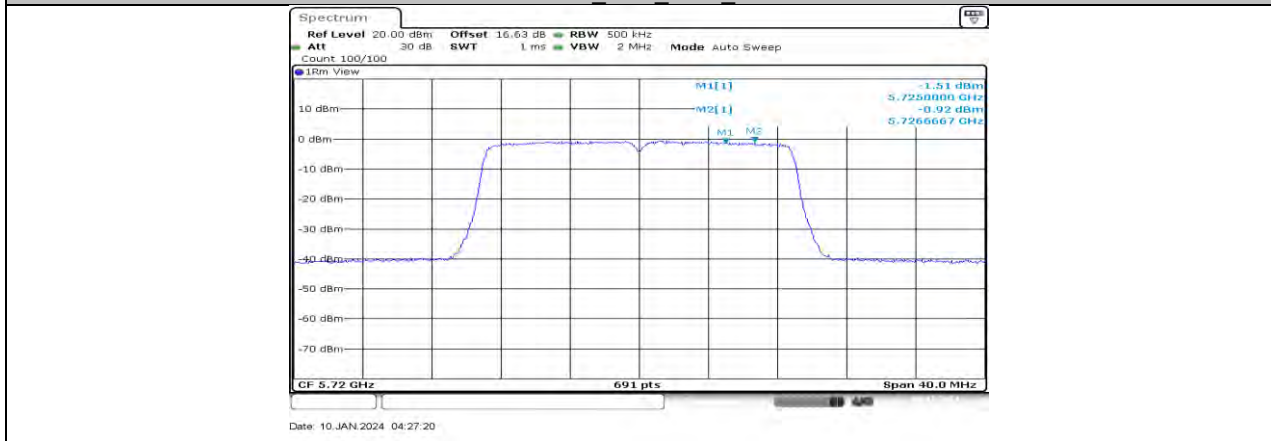
11N20MIMO Ant2 5700

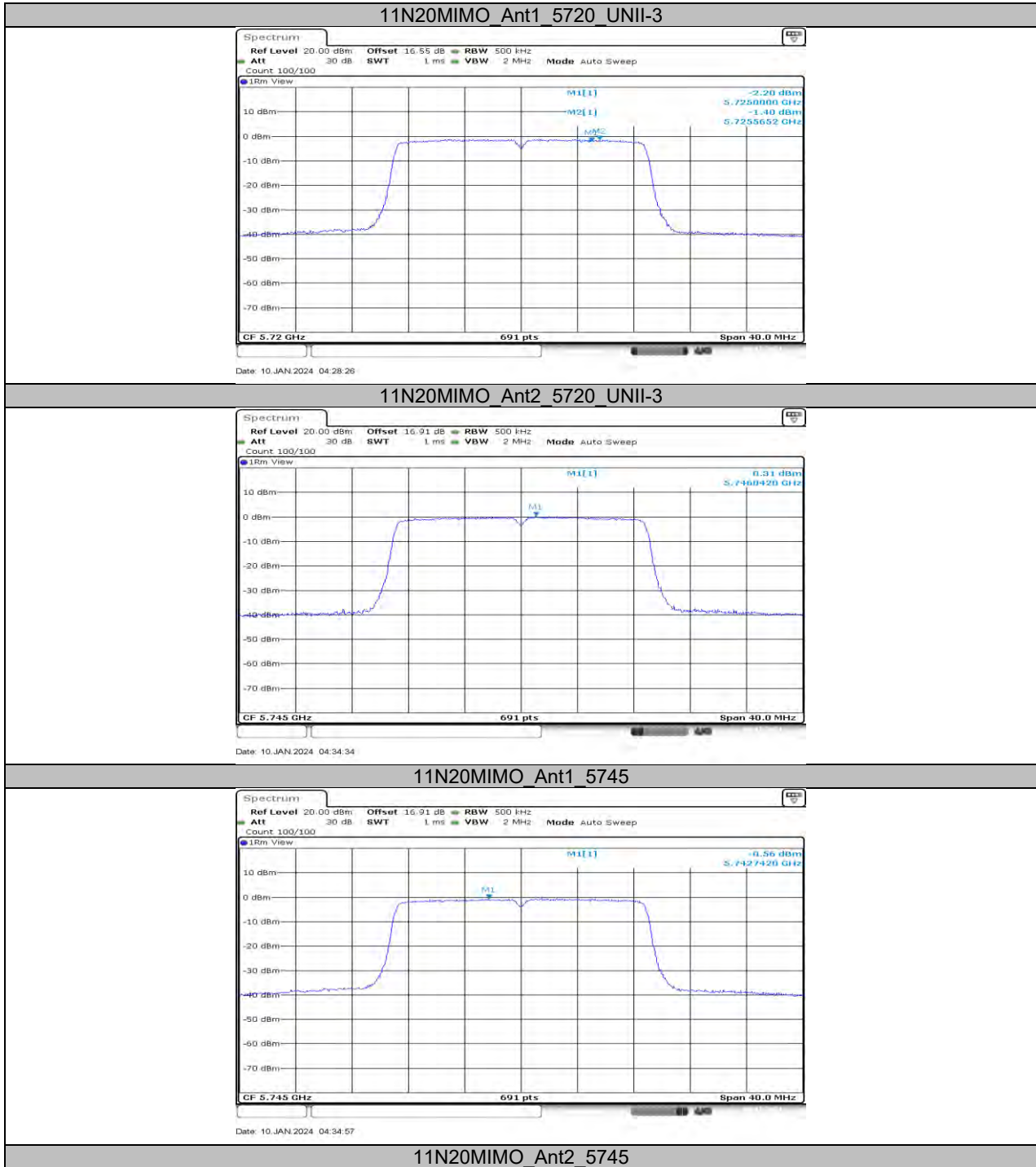


11N20MIMO Ant1 5720 UNII-2C



11N20MIMO Ant2 5720 UNII-2C







11N20MIMO Ant1 5785

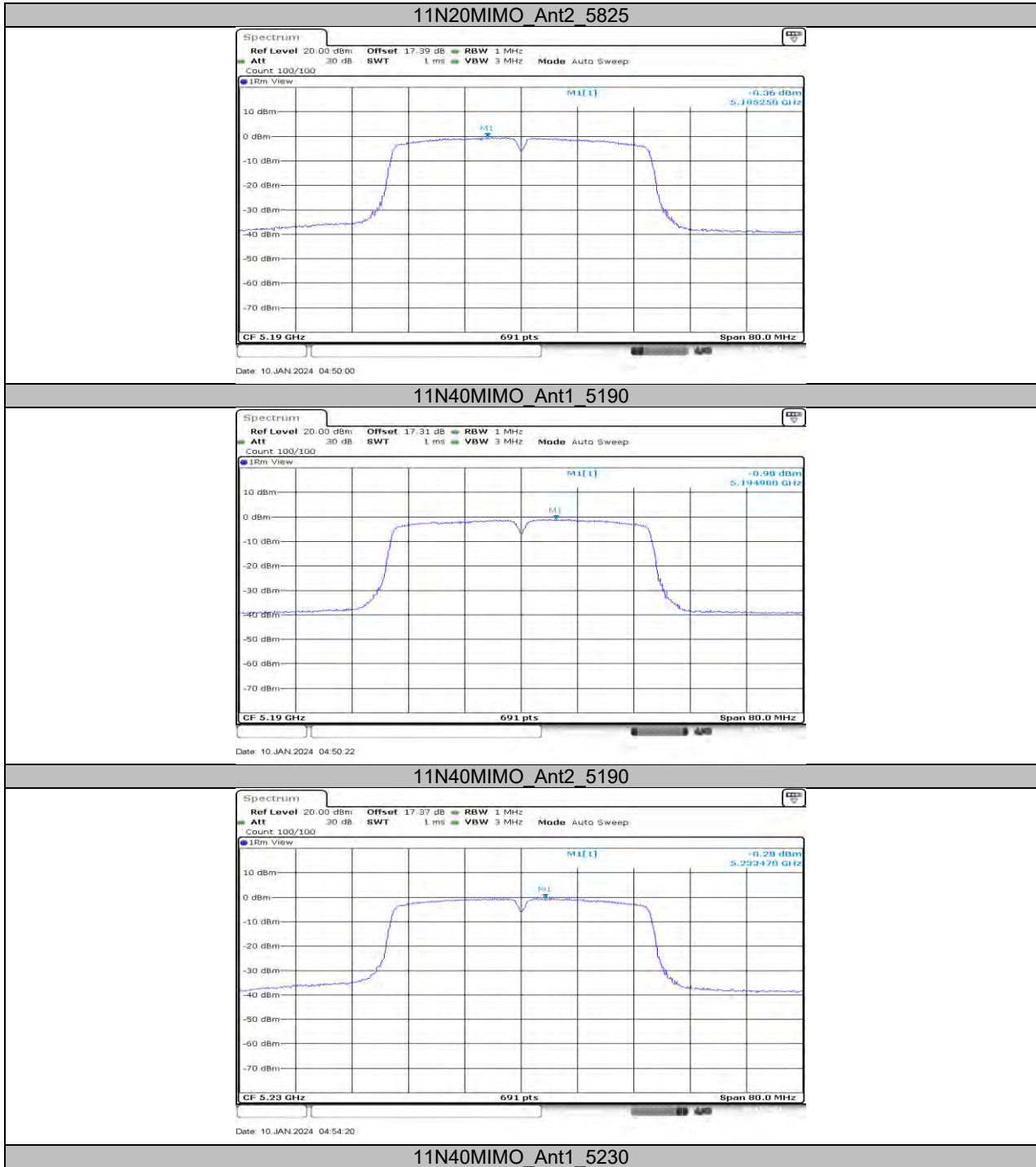


11N20MIMO Ant2 5785



11N20MIMO Ant1 5825







11N40MIMO Ant2 5230

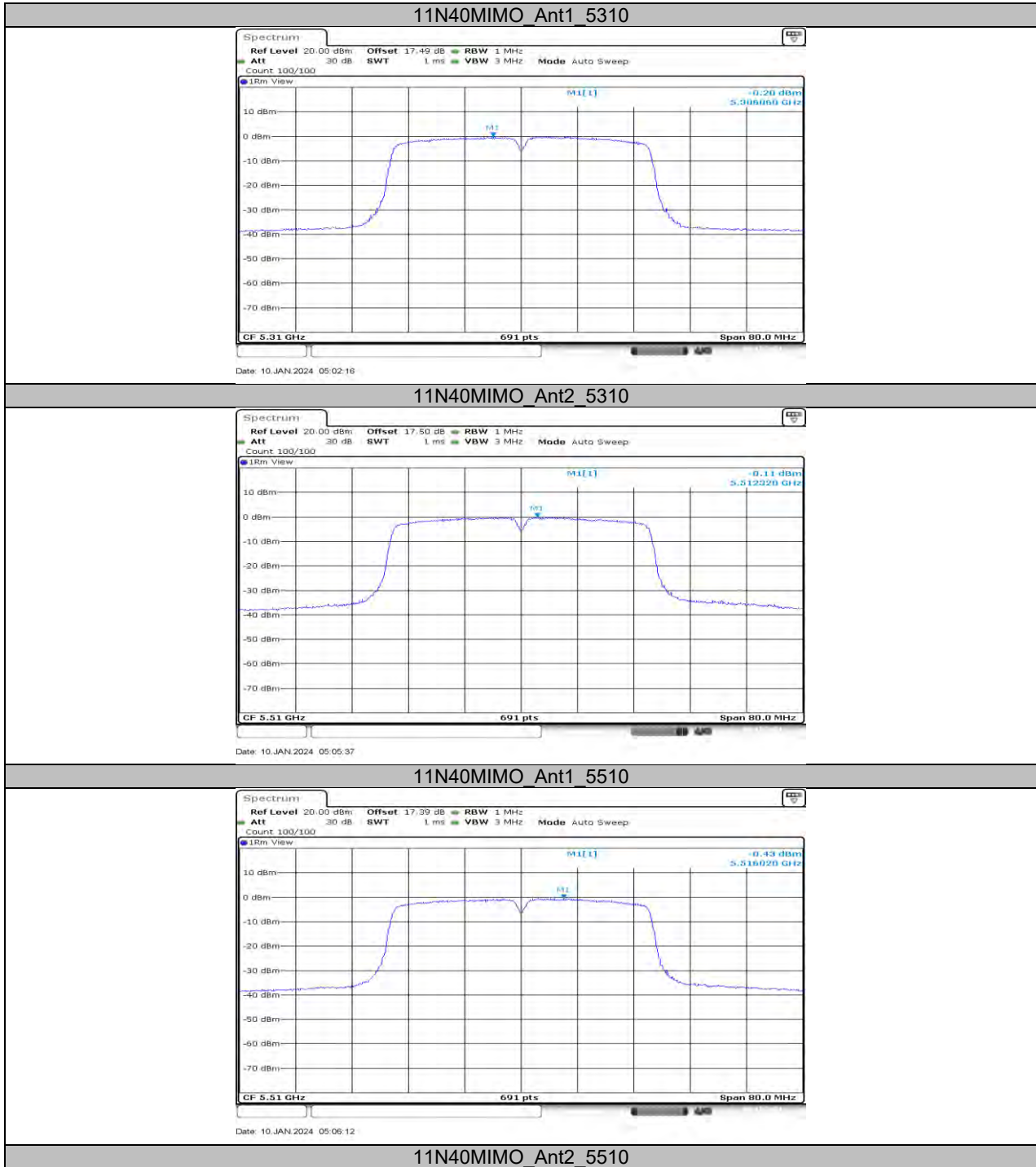


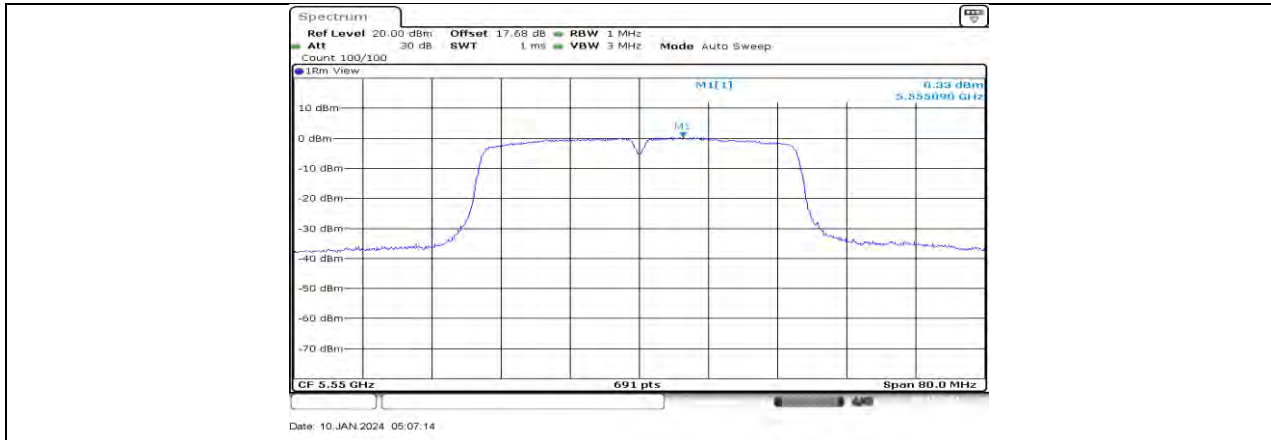
11N40MIMO Ant1 5270

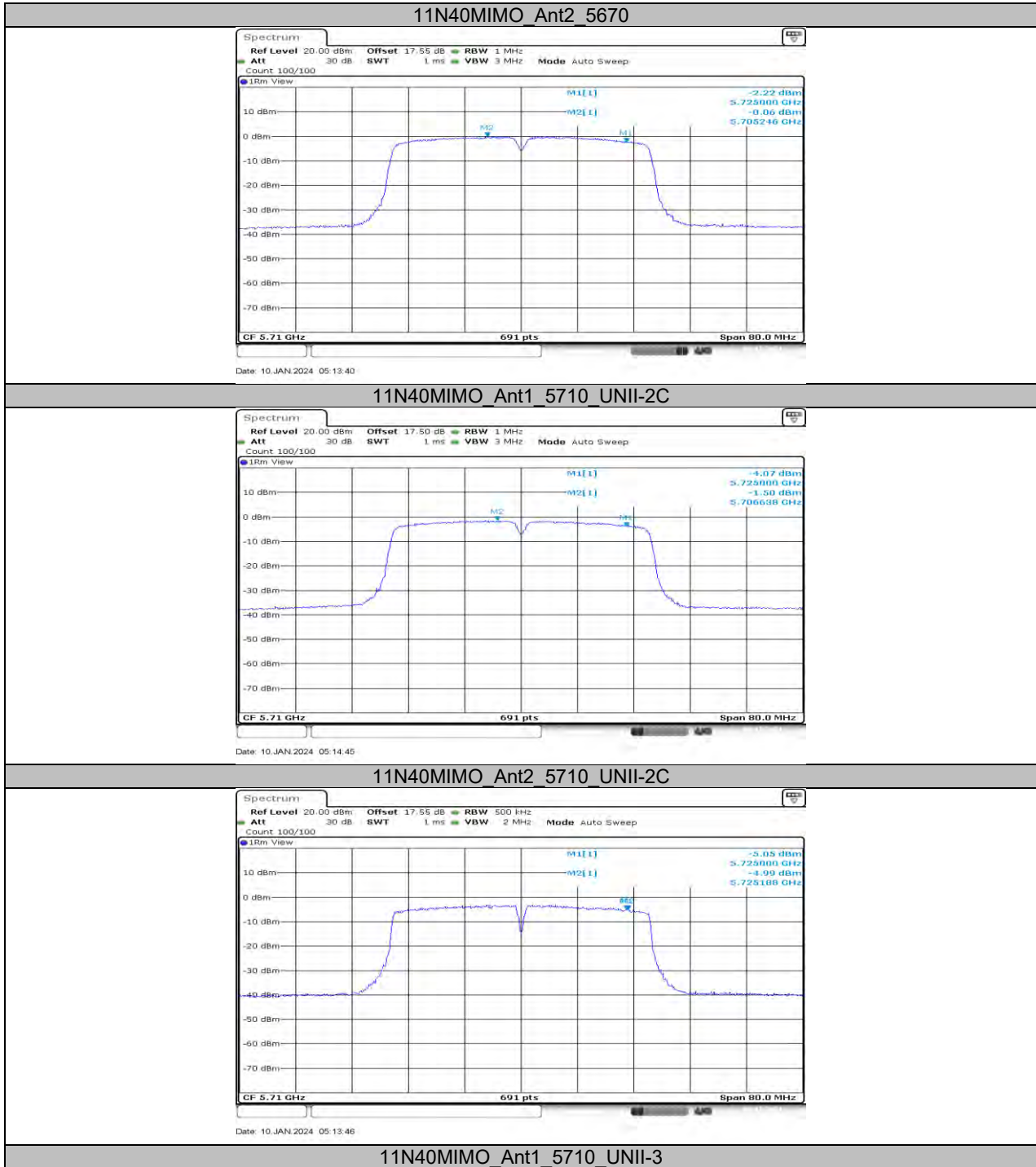


11N40MIMO Ant2 5270

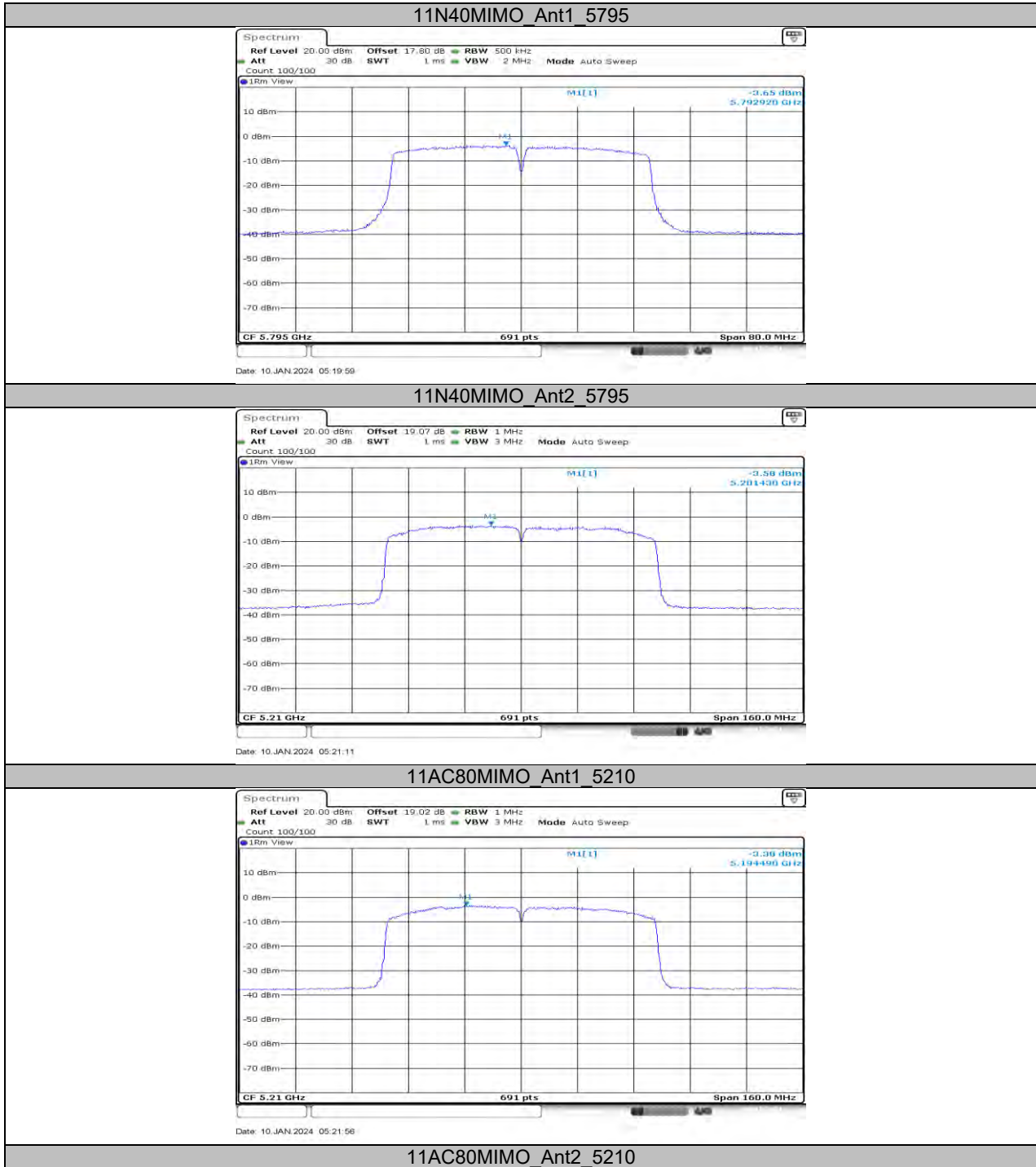














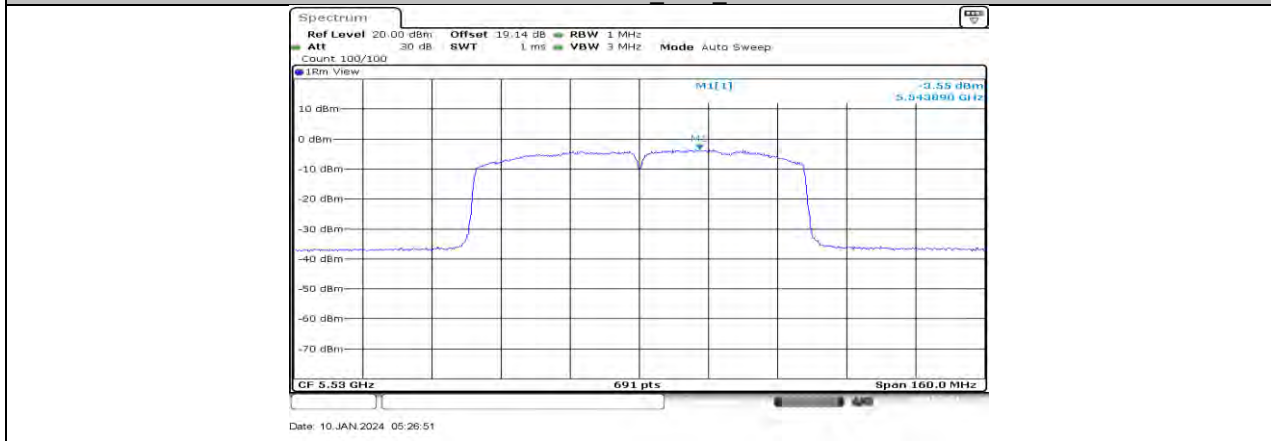
11AC80MIMO_Ant1_5290

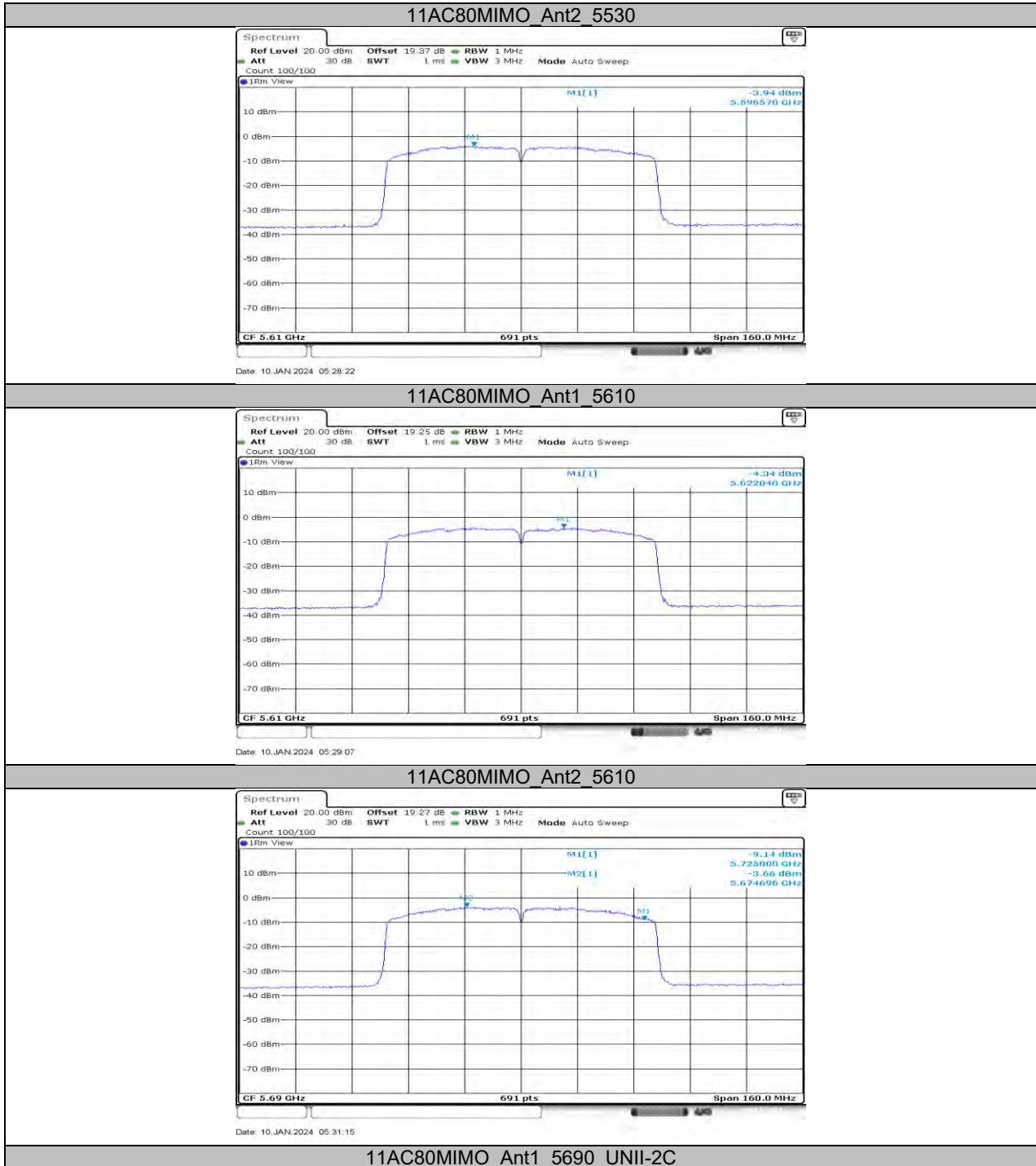


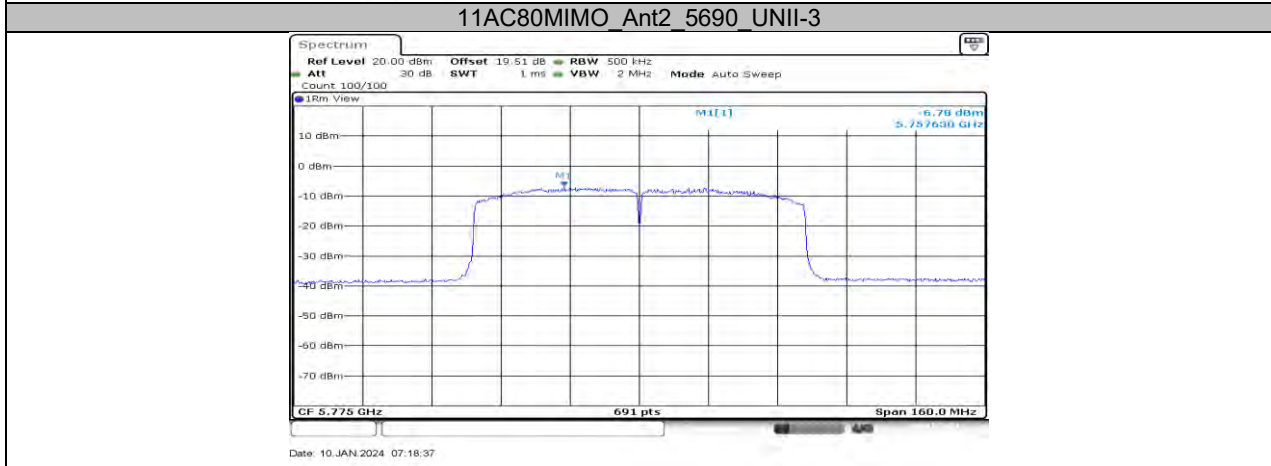
11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530









11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9931	-1.33	5199.9777	-4.29	5200.0040	0.77	5200.0125	2.39
TN	VN	5199.9971	-0.55	5199.9754	-4.74	5200.0070	1.34	5200.0162	3.12
TN	VH	5200.0046	0.88	5199.9895	-2.02	5200.0084	1.62	5199.9973	-0.52

Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5199.9865	-2.60	5200.0242	4.65	5199.9774	-4.34	5199.9757	-4.68
60	VN	5200.0152	2.92	5199.9930	-1.35	5199.9817	-3.51	5199.9875	-2.39
50	VN	5199.9915	-1.64	5199.9813	-3.60	5199.9986	-0.27	5200.0196	3.76
40	VN	5200.0127	2.45	5199.9816	-3.54	5200.0013	0.24	5199.9895	-2.01
30	VN	5199.9777	-4.28	5199.9794	-3.96	5199.9761	-4.60	5199.9796	-3.93
20	VN	5200.0128	2.46	5200.0164	3.16	5199.9818	-3.51	5200.0101	1.94
10	VN	5199.9911	-1.72	5199.9847	-2.94	5200.0175	3.37	5200.0195	3.75
0	VN	5199.9957	-0.83	5200.0088	1.69	5200.0081	1.55	5199.9986	-0.26

Note:

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

11.7. APPENDIX G: DUTY CYCLE

11.7.1. 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	1.35	1.85	0.7297	72.97	1.37	0.74	1
11N20MIMO	1.27	1.77	0.7175	71.75	1.44	0.79	1
11N40MIMO	0.62	1.12	0.5536	55.36	2.57	1.61	2
11AC80MIMO	0.31	0.81	0.3827	38.27	4.17	3.23	4

Note:

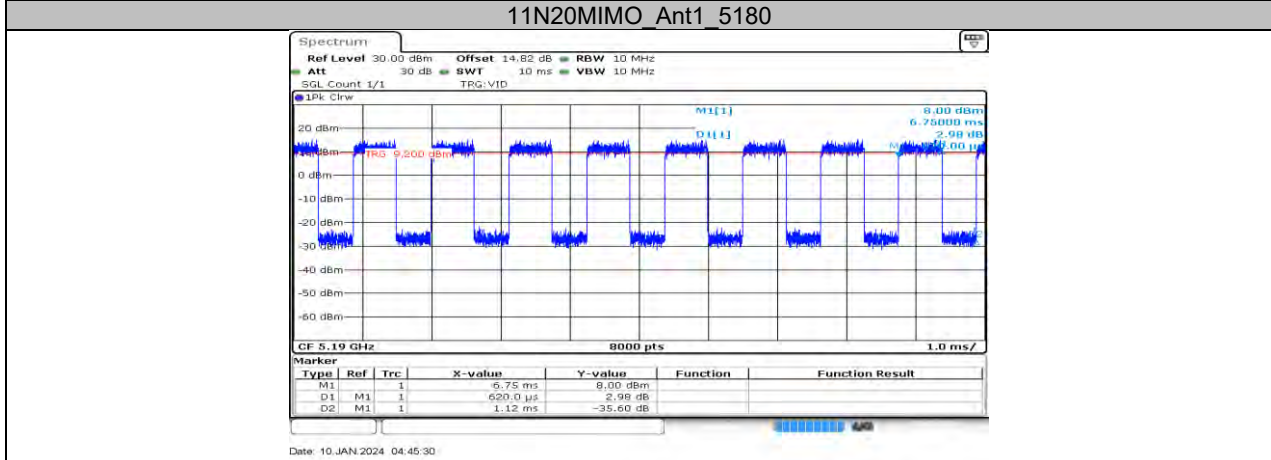
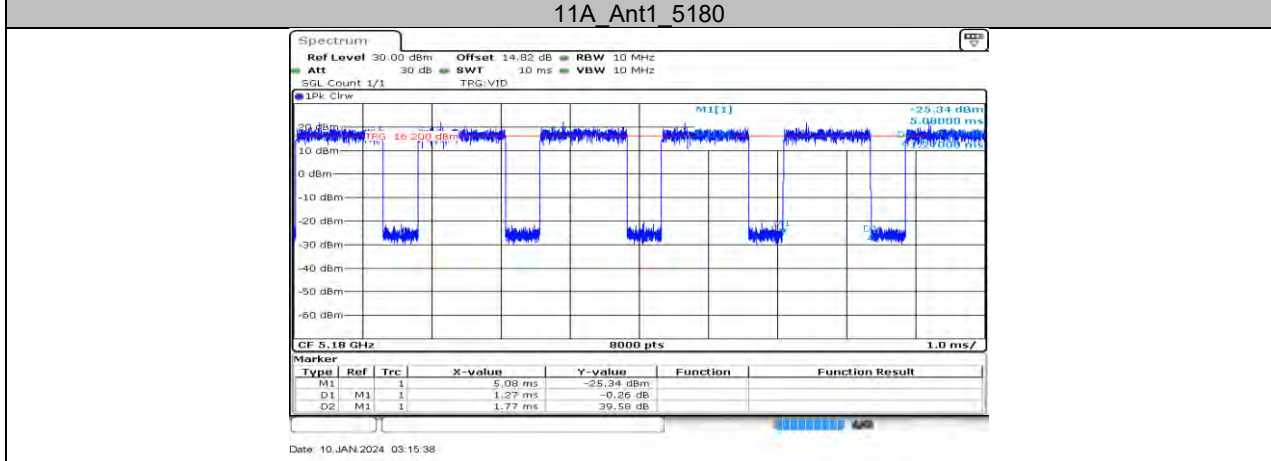
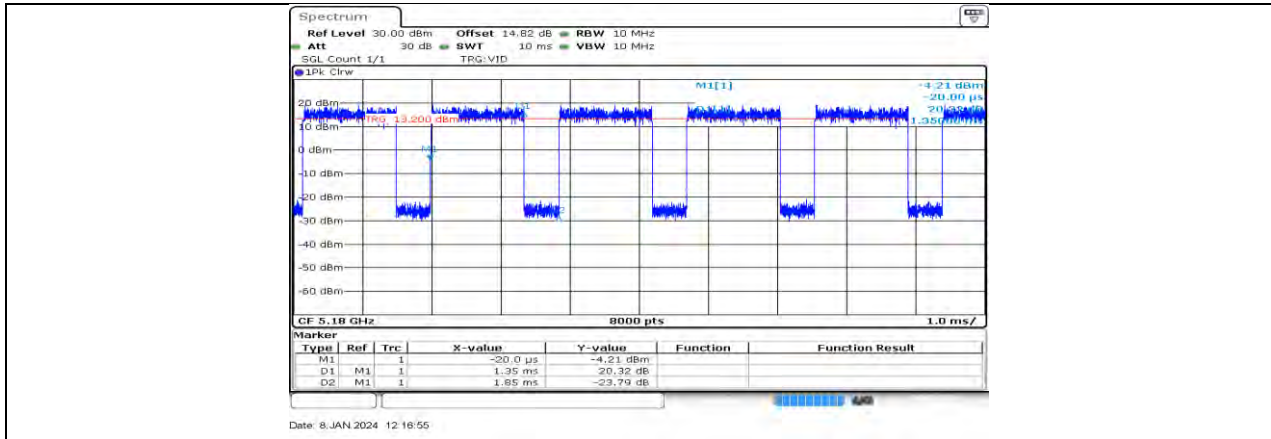
Duty Cycle Correction Factor=10log (1/x).

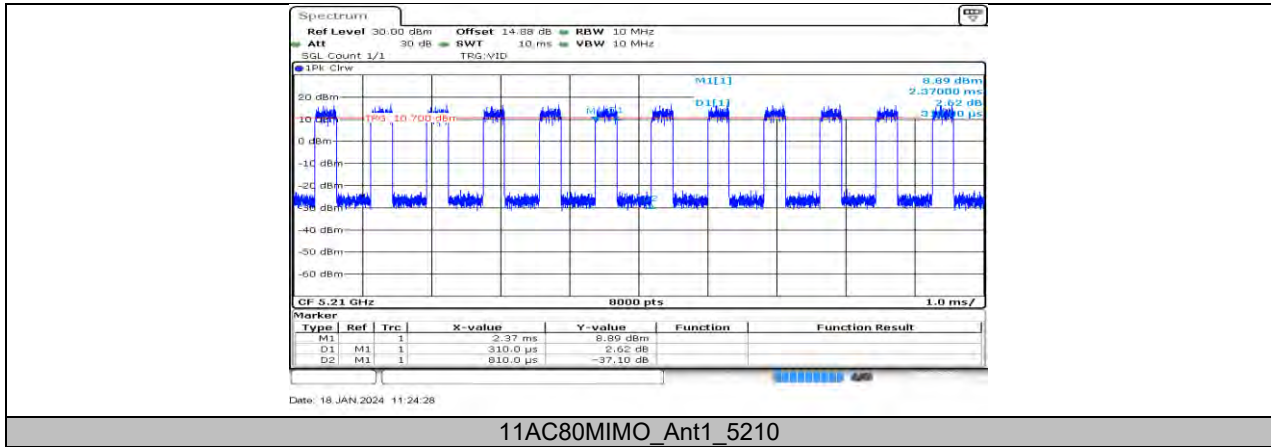
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

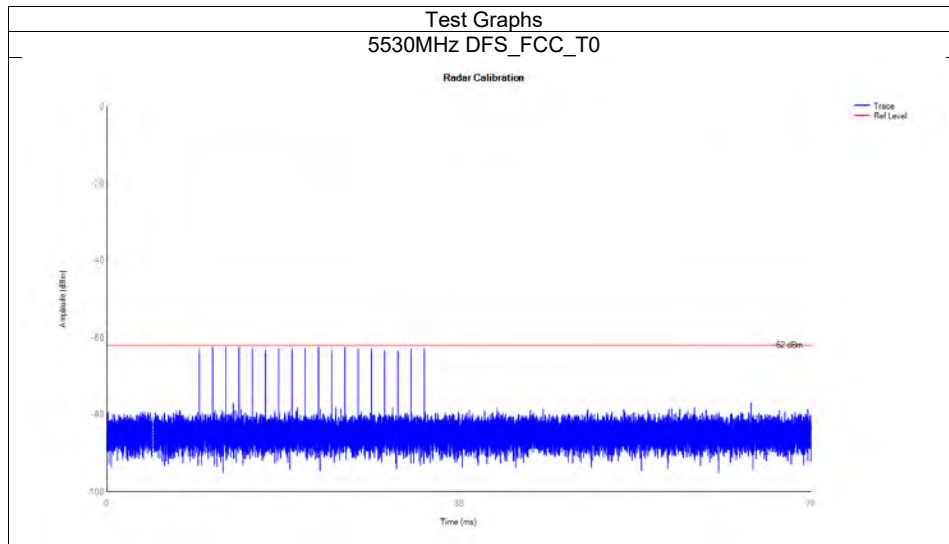
11.7.2. Test Graphs





11.8. APPENDIX H: CALIBRATION

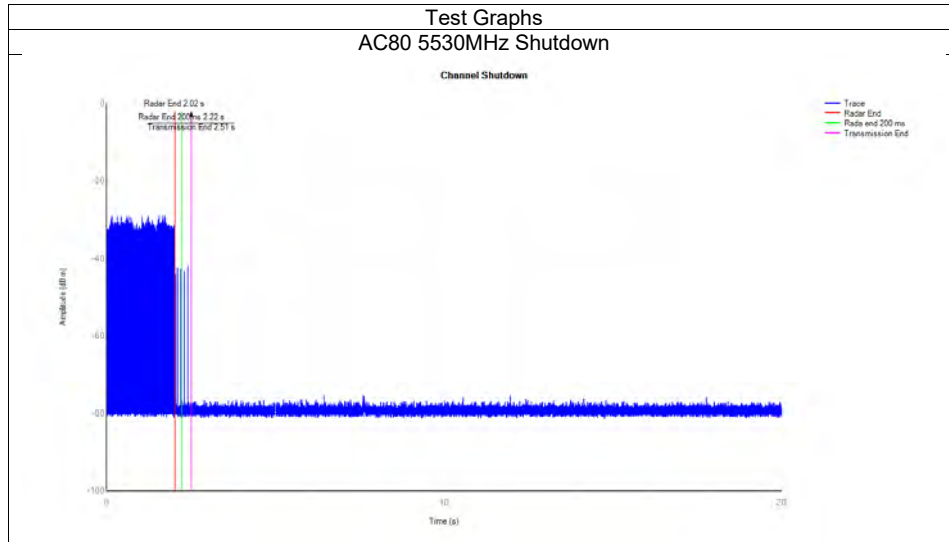
Mode	Frequency (MHz)	Type	Result	Verdict
AC80	5530	DFS_FCC_T0	See test Graph	Pass



11.9. APPENDIX I: SHUTDOWN TIME

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
AC80	5530	0.485	10	0.012	0.26	0.006	0.06	Pass

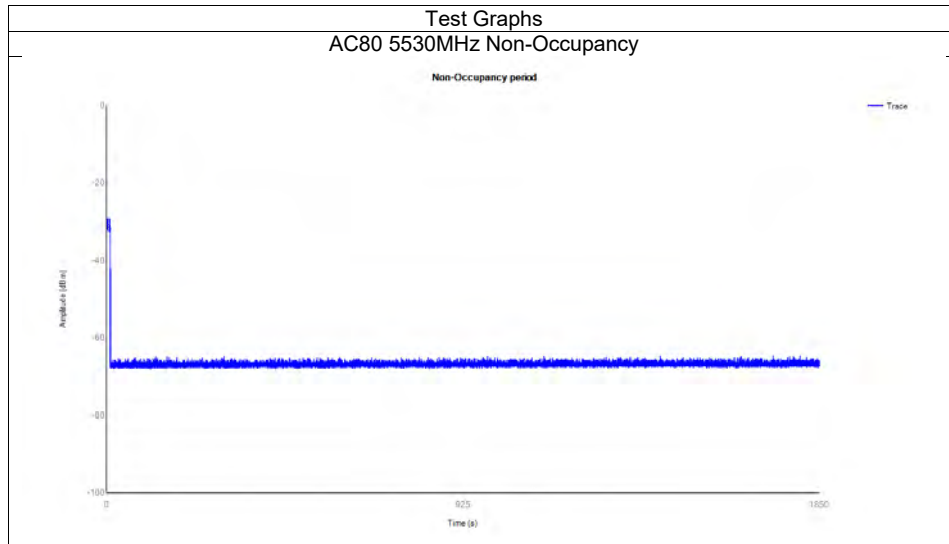
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



11.10. APPENDIX J: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
AC80	5530	See test Graph	Pass

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



END OF REPORT