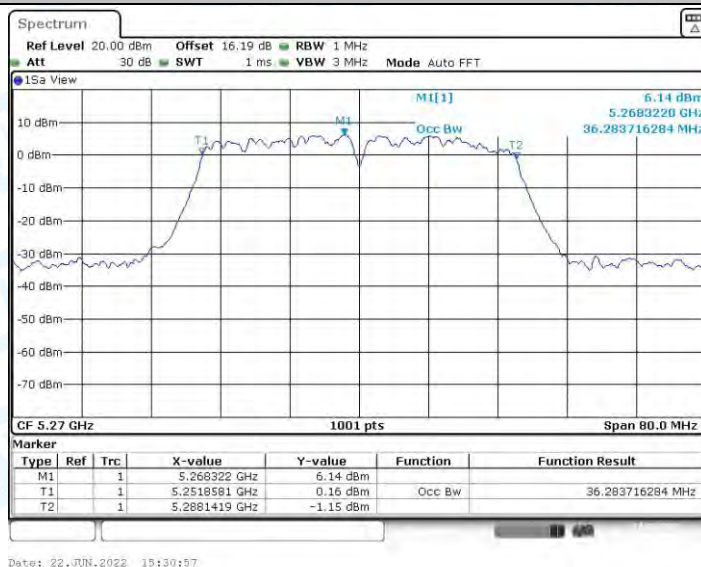
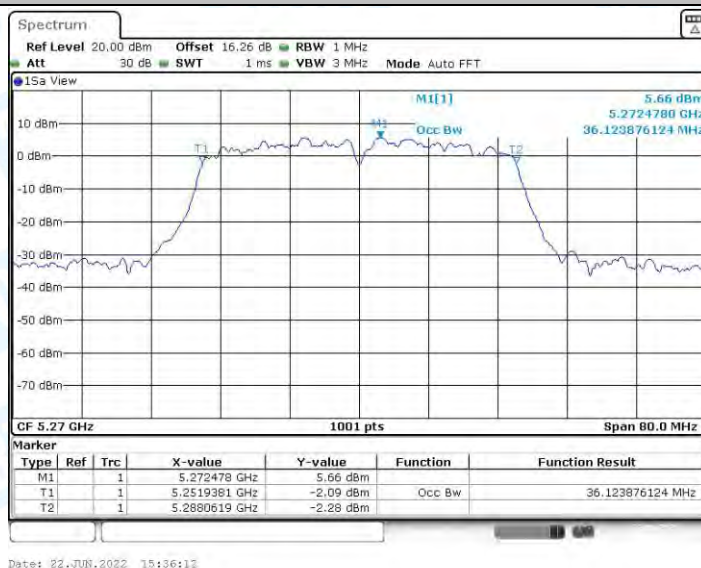




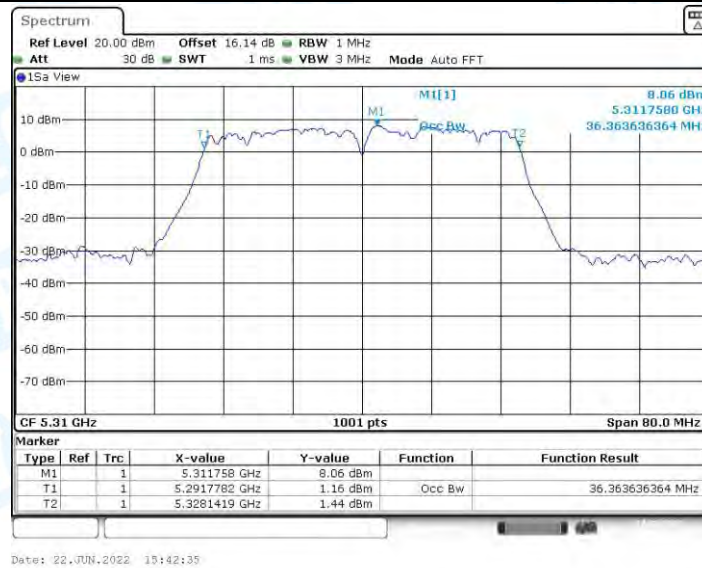
11AC40MIMO_Ant2_5230



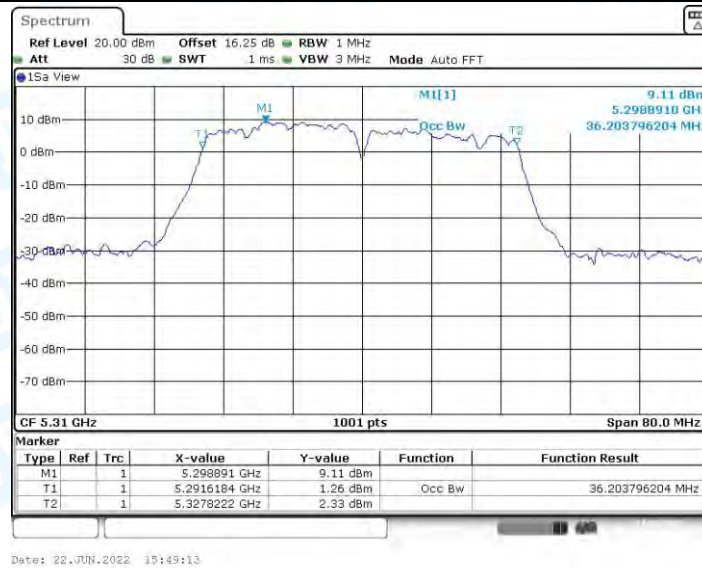
11AC40MIMO_Ant1_5270



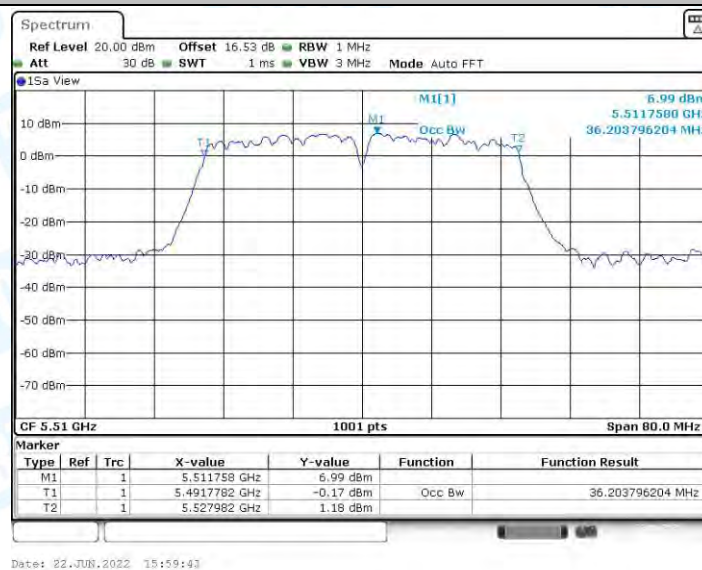
11AC40MIMO_Ant2_5270



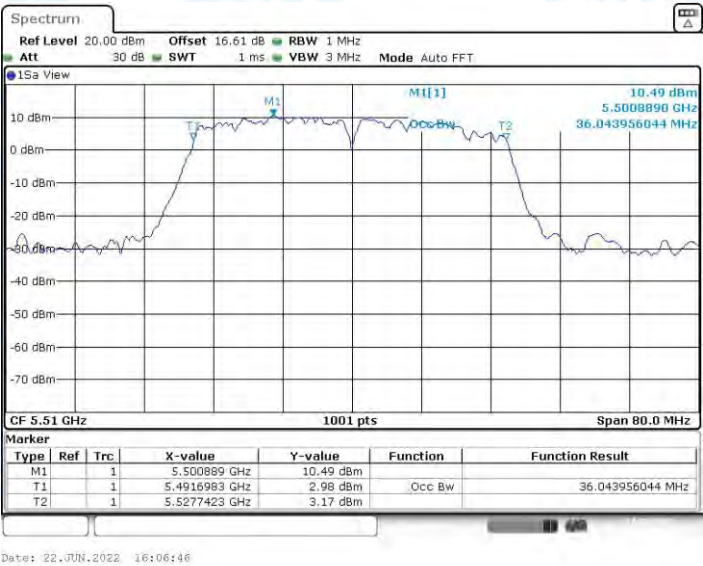
11AC40MIMO_Ant1_5310



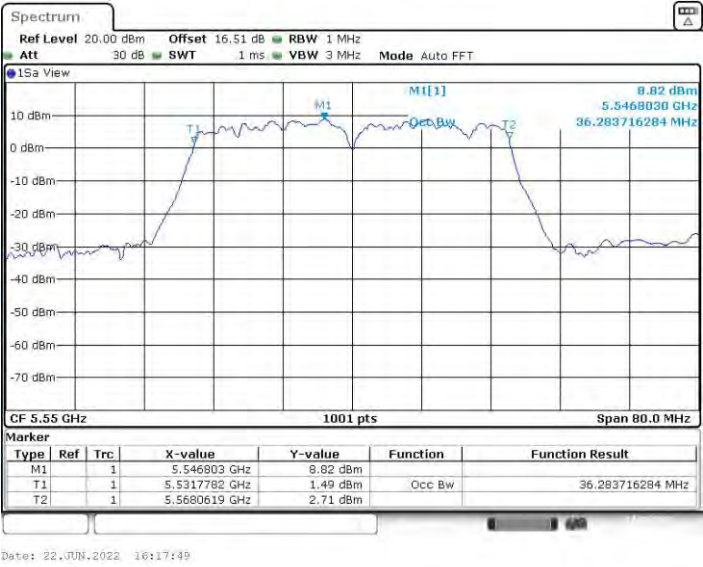
11AC40MIMO_Ant2_5310



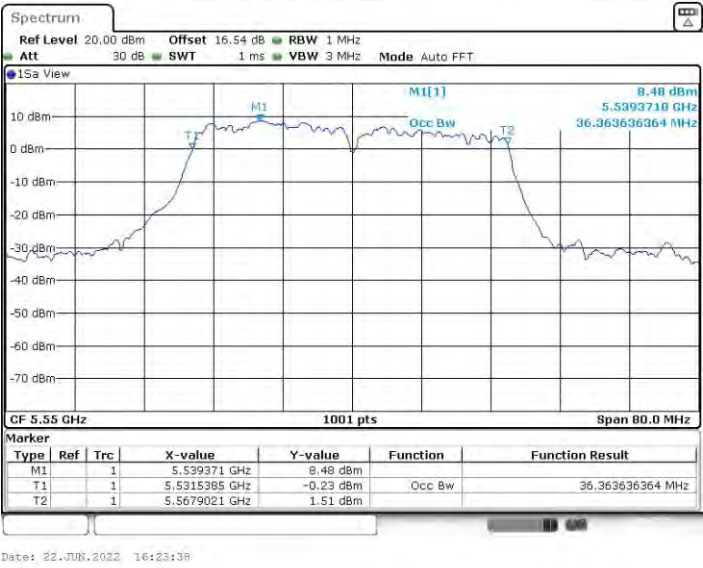
11AC40MIMO_Ant1_5510



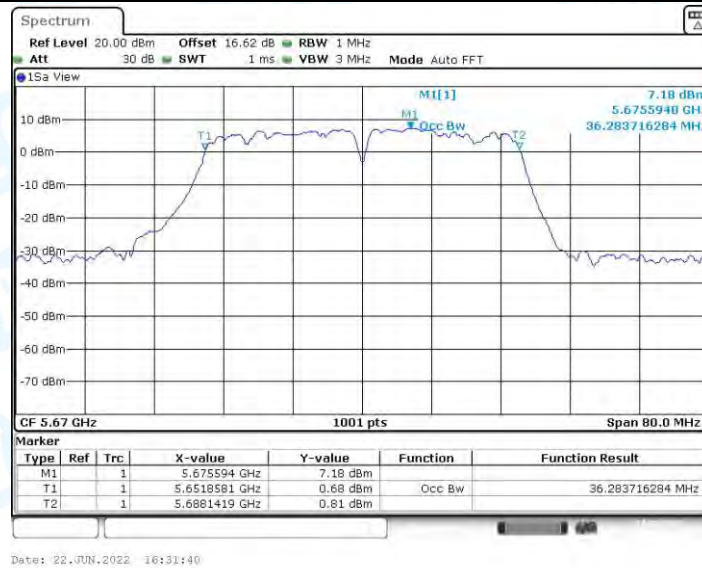
11AC40MIMO_Ant2_5510



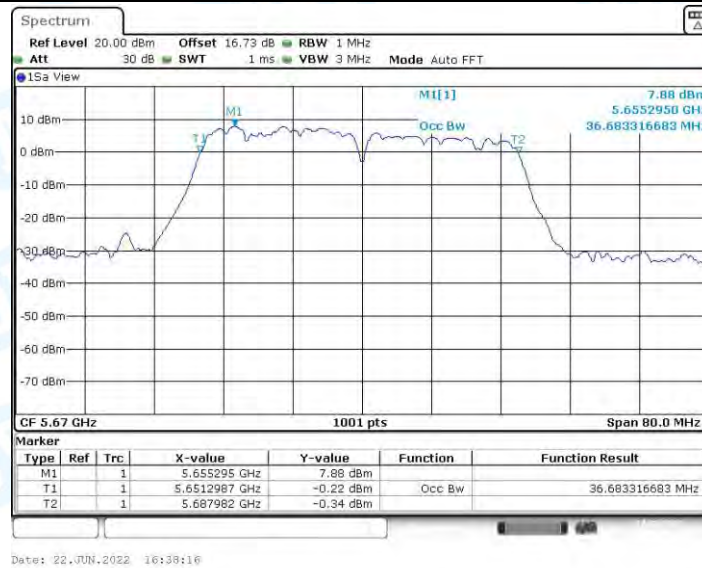
11AC40MIMO_Ant1_5550



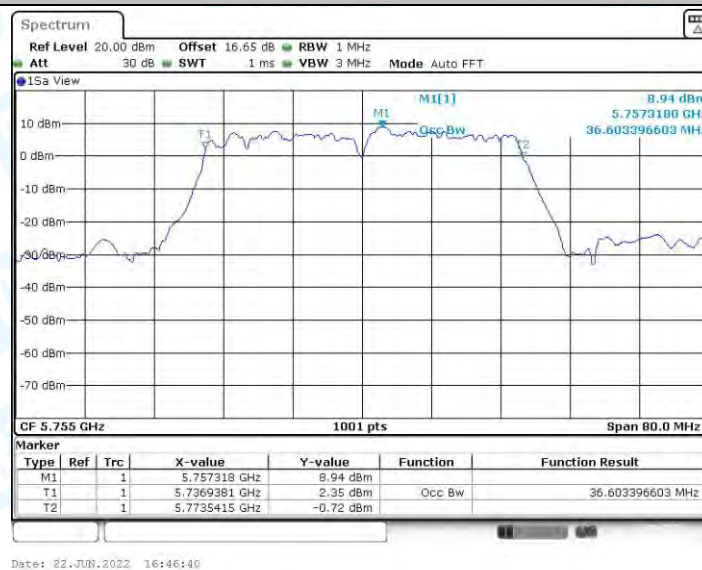
11AC40MIMO_Ant2_5550



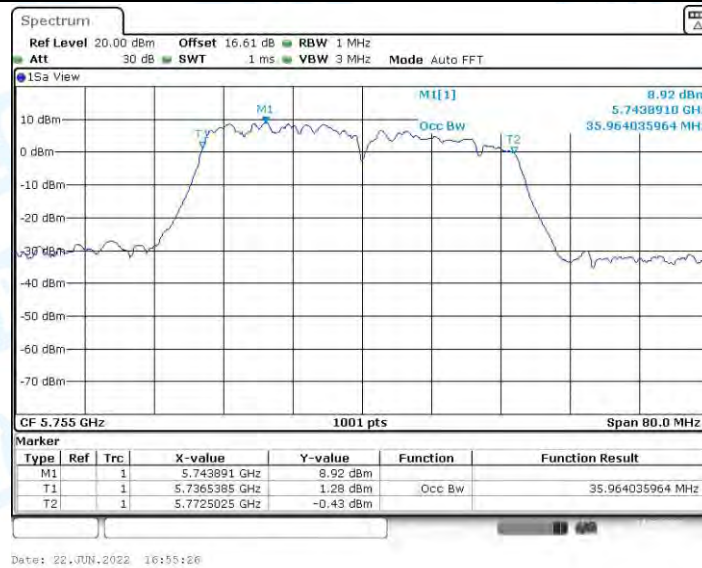
11AC40MIMO_Ant1_5670



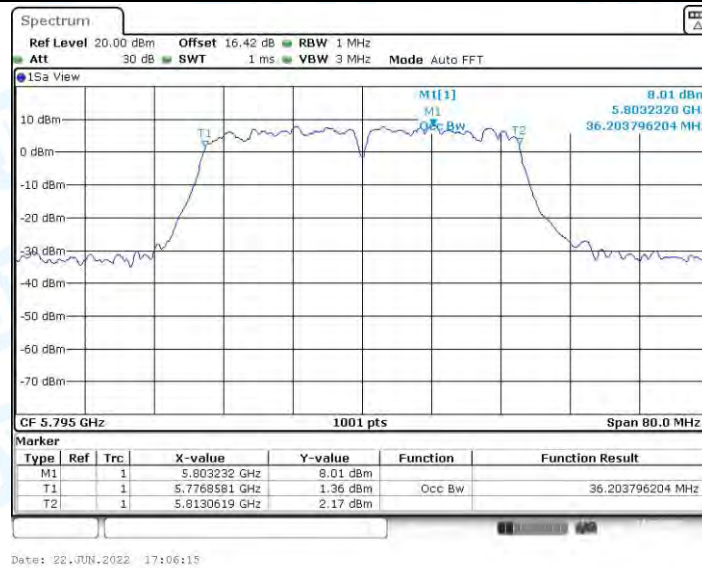
11AC40MIMO_Ant2_5670



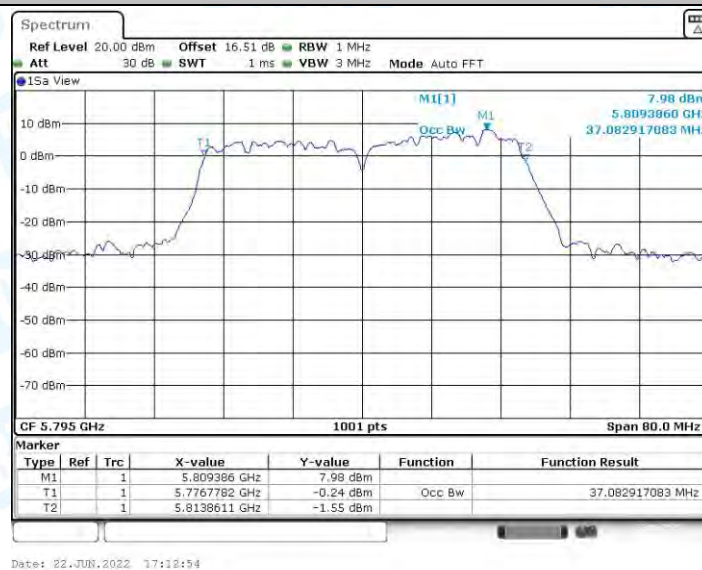
11AC40MIMO_Ant1_5755



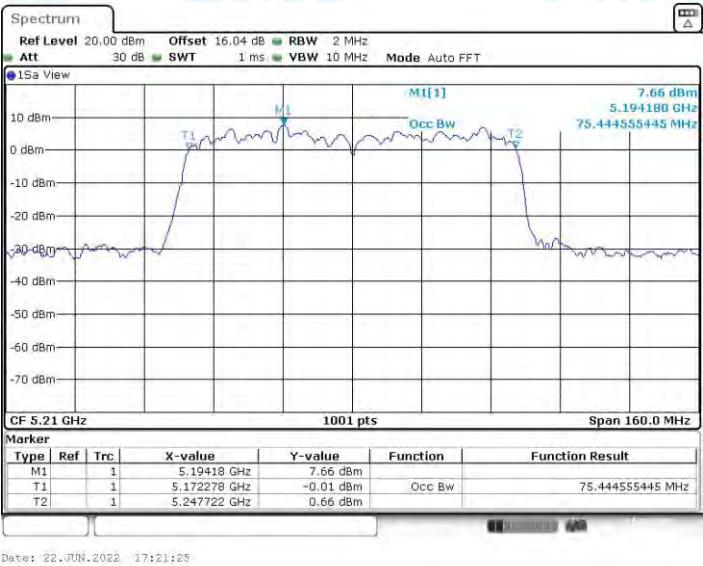
11AC40MIMO_Ant2_5755



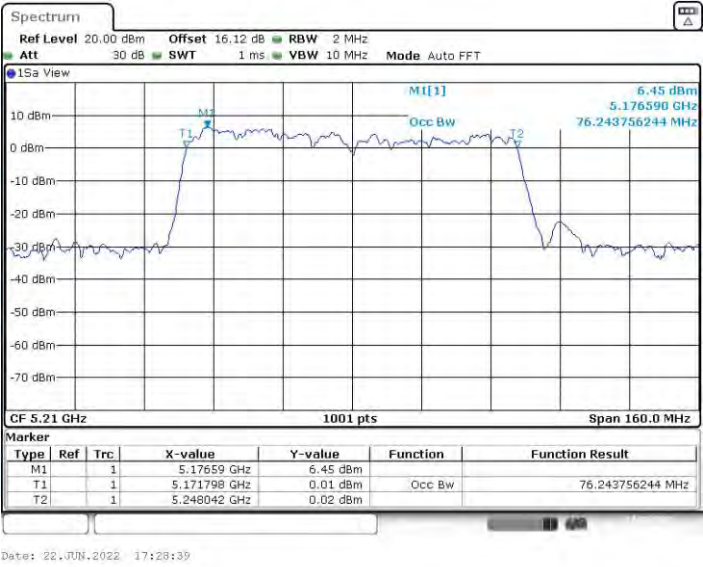
11AC40MIMO_Ant1_5795



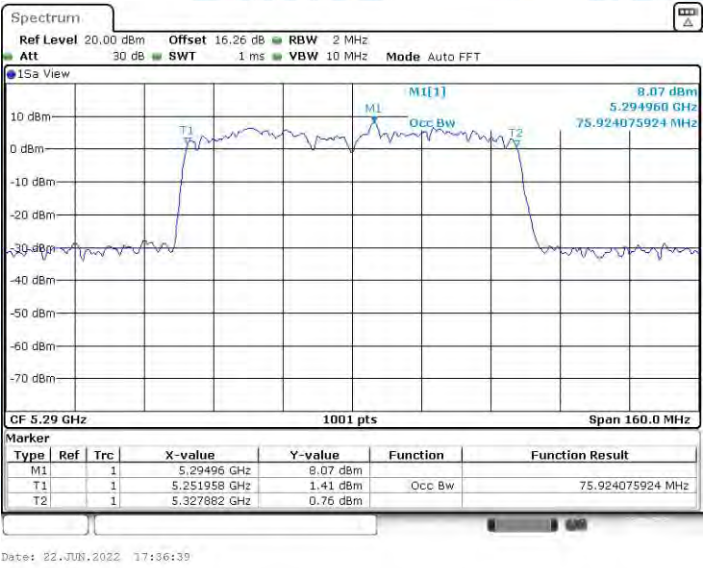
11AC40MIMO_Ant2_5795



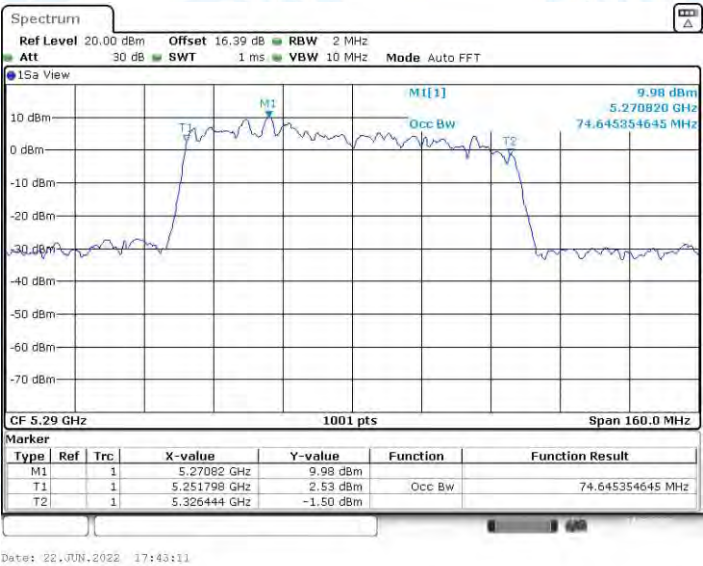
11AC80MIMO_Ant1_5210



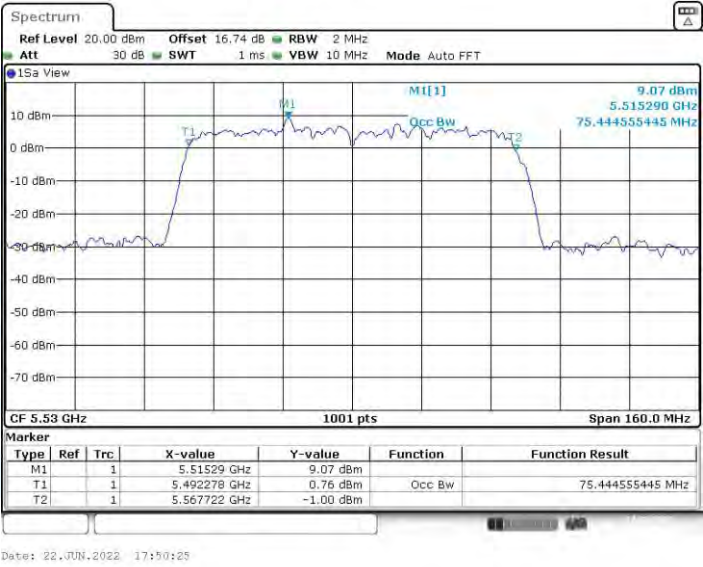
11AC80MIMO_Ant2_5210



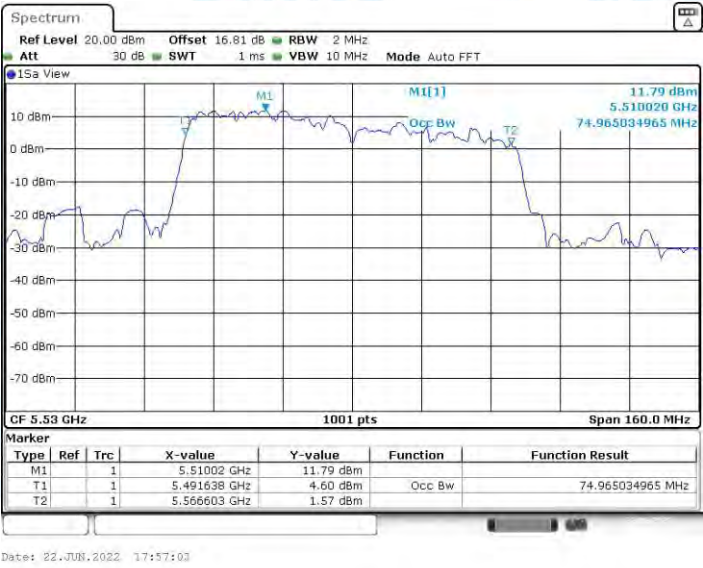
11AC80MIMO_Ant1_5290



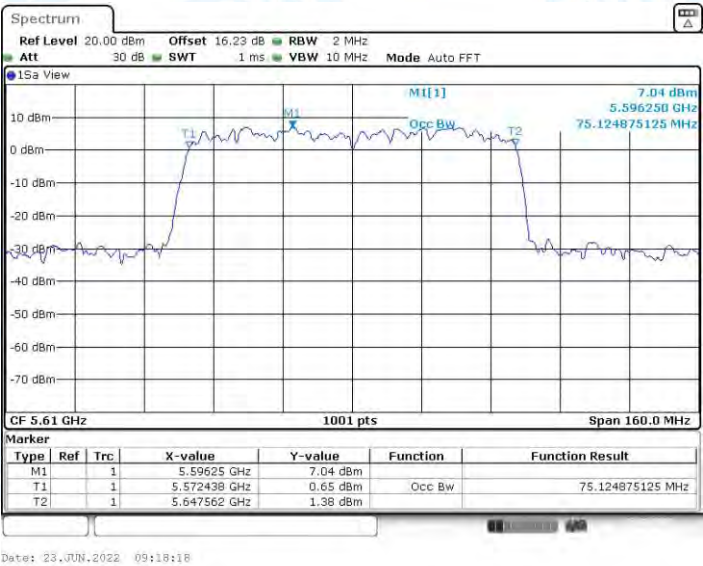
11AC80MIMO_Ant2_5290



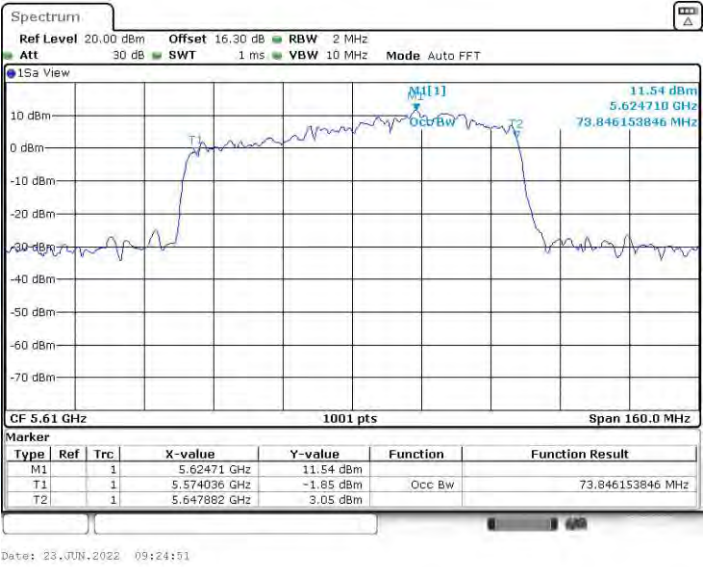
11AC80MIMO_Ant1_5530



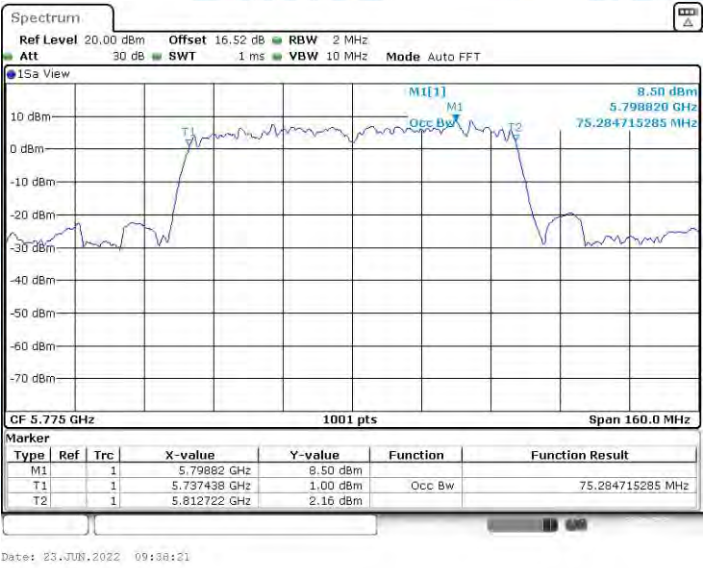
11AC80MIMO_Ant2_5530



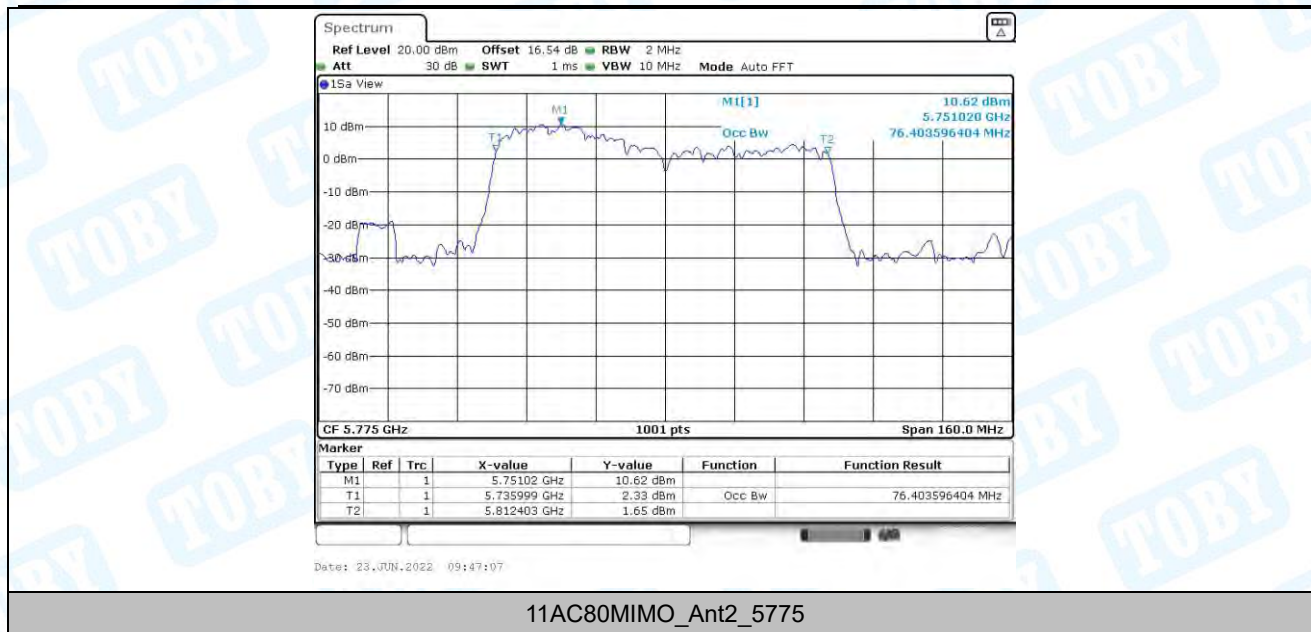
11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775

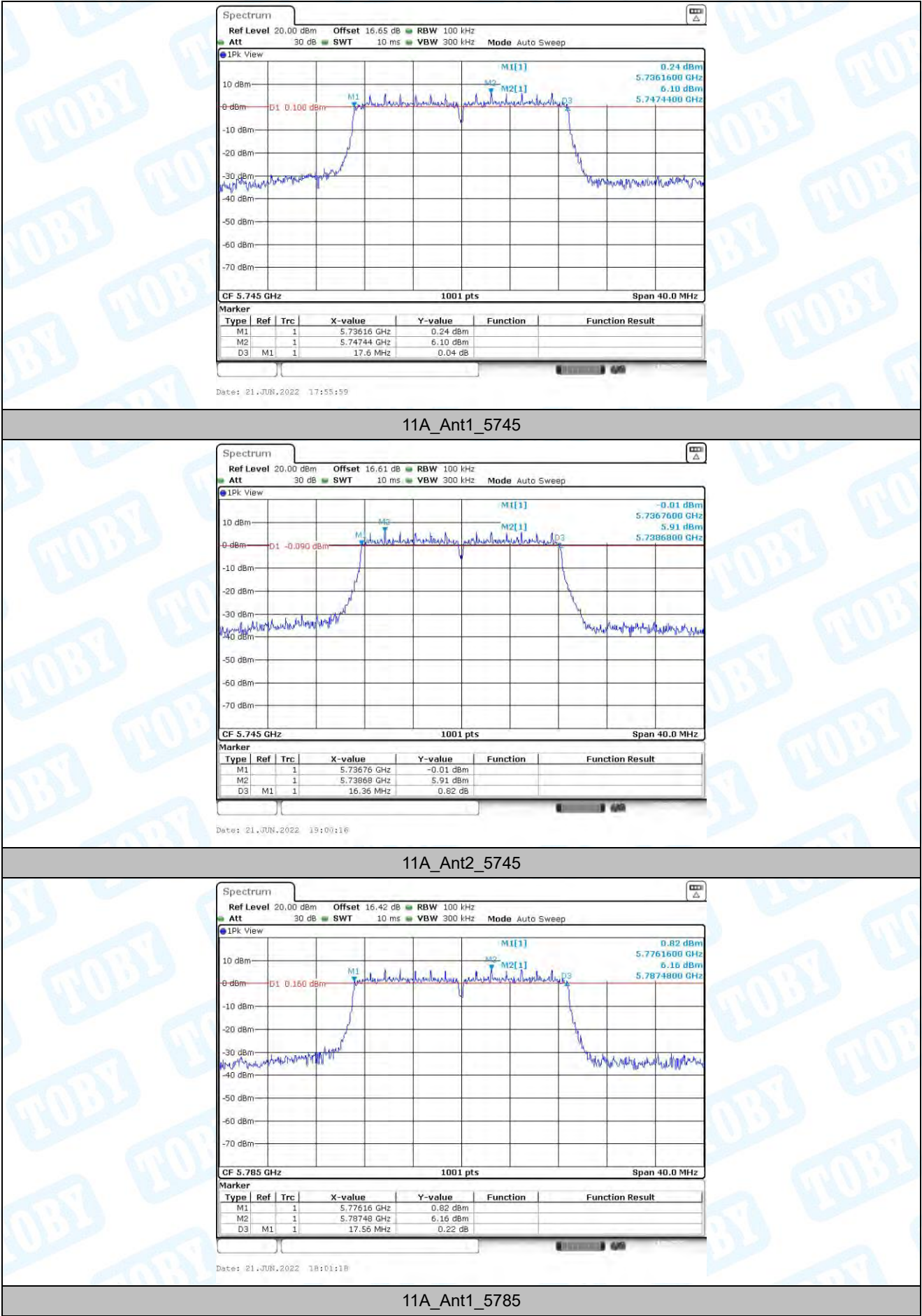


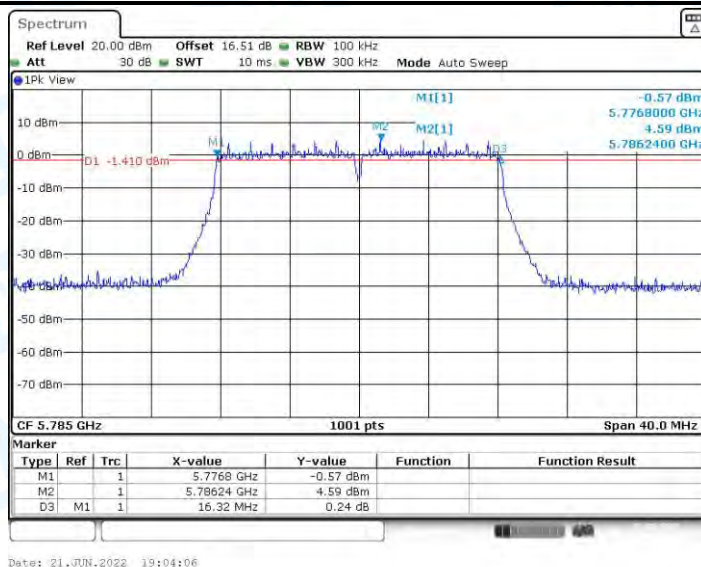
3. Min emission bandwidth

3.1. Test Result

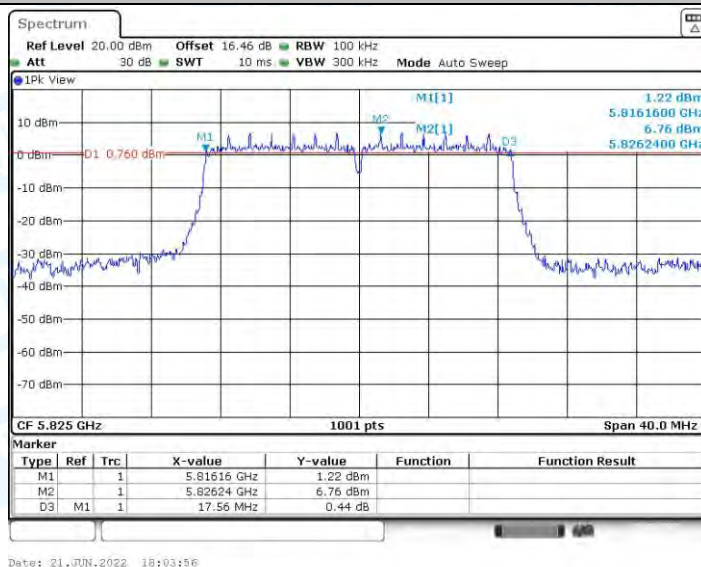
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.60	5736.16	5753.76	0.5	PASS
	Ant2	5745	16.36	5736.76	5753.12	0.5	PASS
	Ant1	5785	17.56	5776.16	5793.72	0.5	PASS
	Ant2	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant1	5825	17.56	5816.16	5833.72	0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	0.5	PASS
11N20MIMO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	16.56	5736.20	5752.76	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	16.36	5817.40	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	33.20	5736.76	5769.96	0.5	PASS
	Ant1	5795	35.36	5777.40	5812.76	0.5	PASS
	Ant2	5795	35.76	5777.40	5813.16	0.5	PASS
11AC20MIMO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
	Ant2	5745	16.36	5736.16	5752.52	0.5	PASS
	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	0.5	PASS
	Ant2	5825	16.36	5817.40	5833.76	0.5	PASS
11AC40MIMO	Ant1	5755	35.36	5737.40	5772.76	0.5	PASS
	Ant2	5755	31.92	5736.84	5768.76	0.5	PASS
	Ant1	5795	35.36	5777.40	5812.76	0.5	PASS
	Ant2	5795	35.76	5777.40	5813.16	0.5	PASS
11AC80MIMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	32.48	5737.40	5769.88	0.5	PASS

3.2.Test Graphs

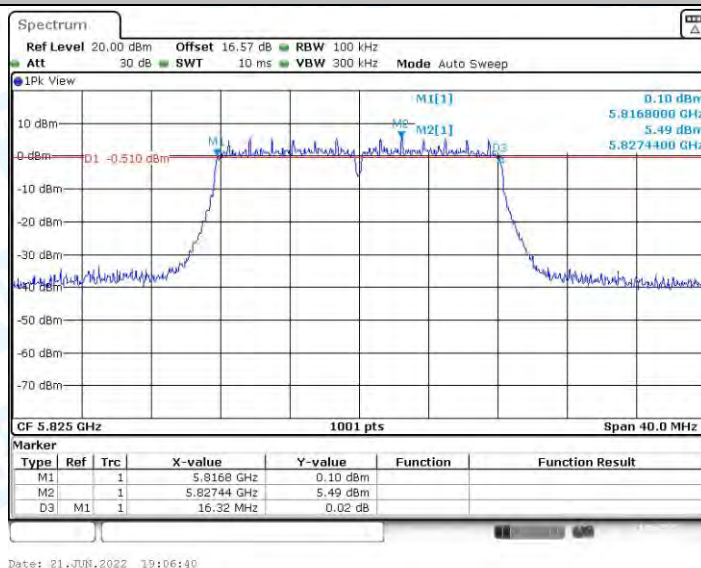




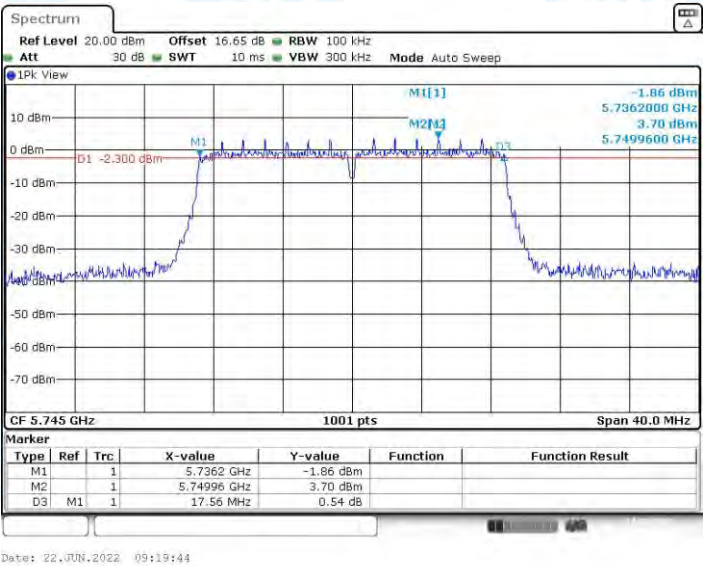
11A_Ant2_5785



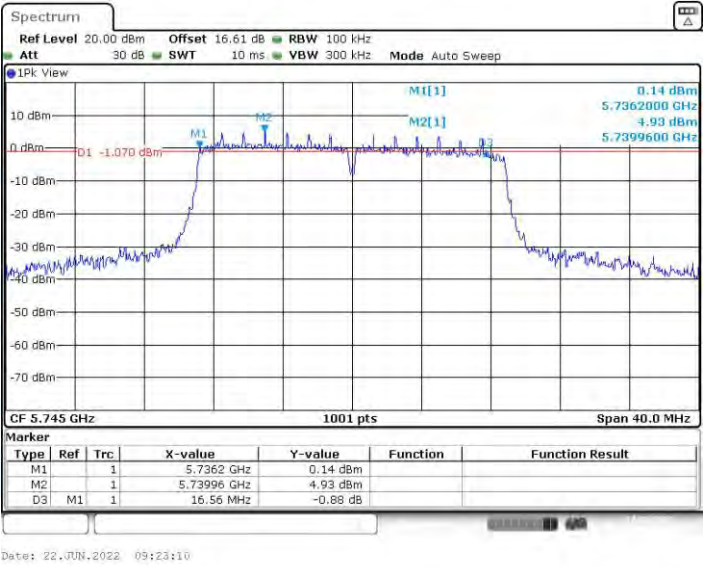
11A_Ant1_5825



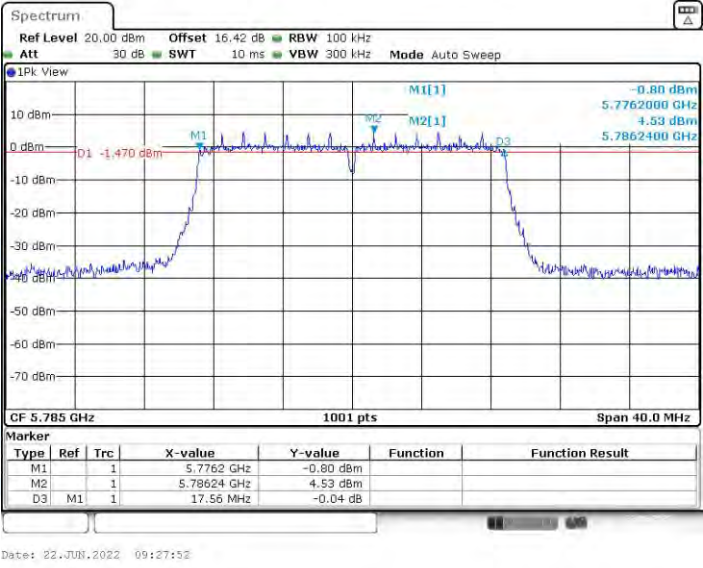
11A_Ant2_5825



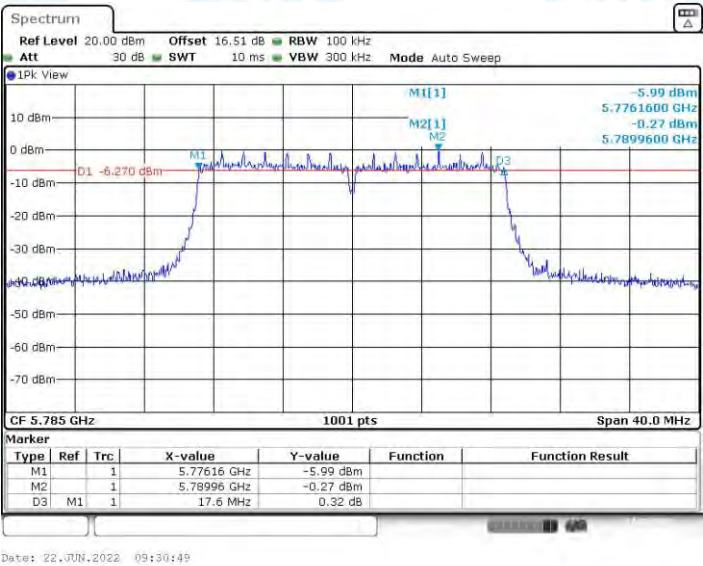
11N20MIMO_Ant1_5745



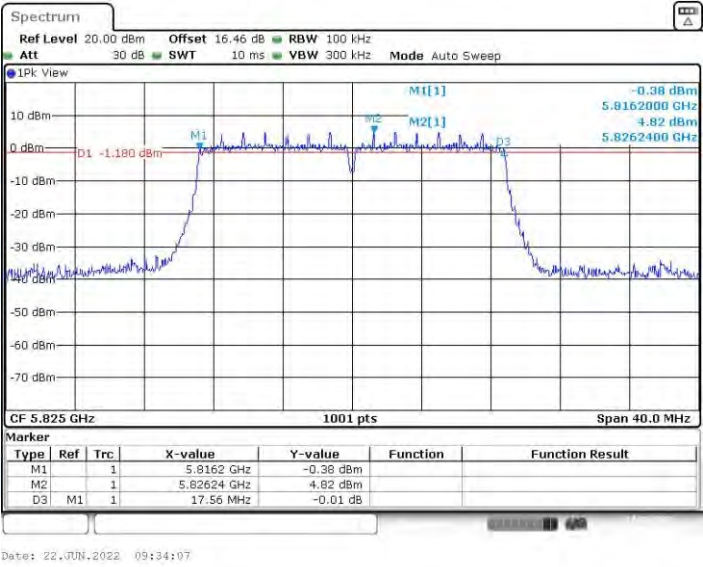
11N20MIMO_Ant2_5745



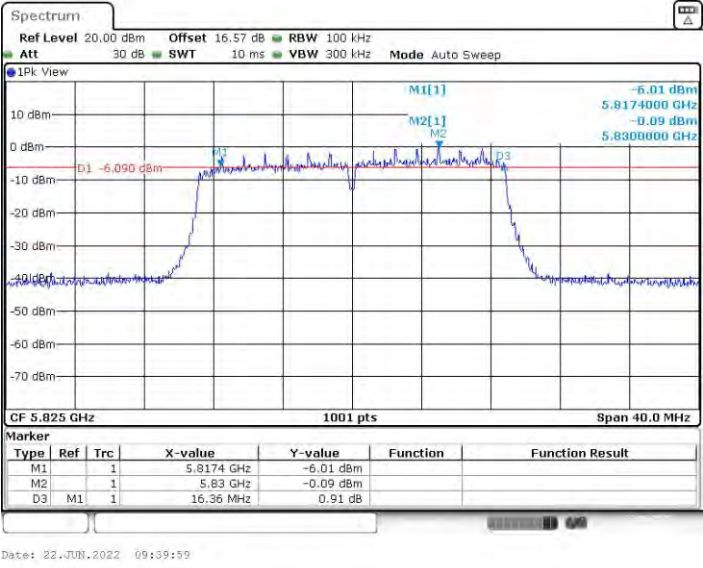
11N20MIMO_Ant1_5785



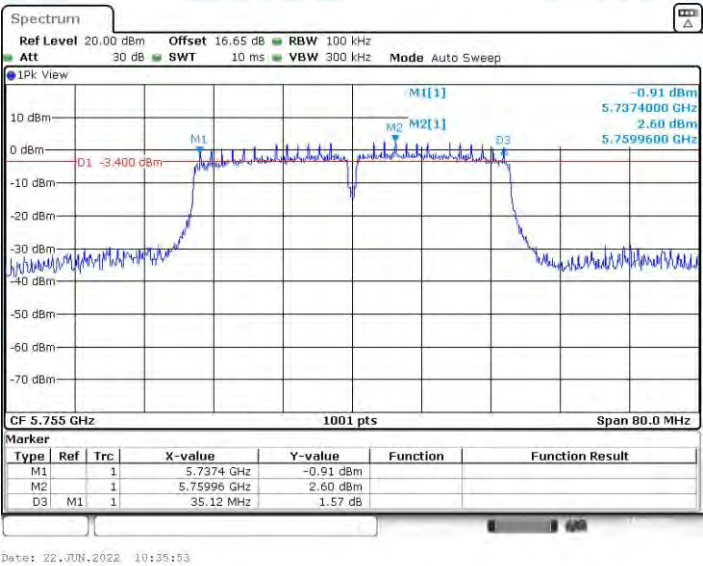
11N20MIMO_Ant2_5785



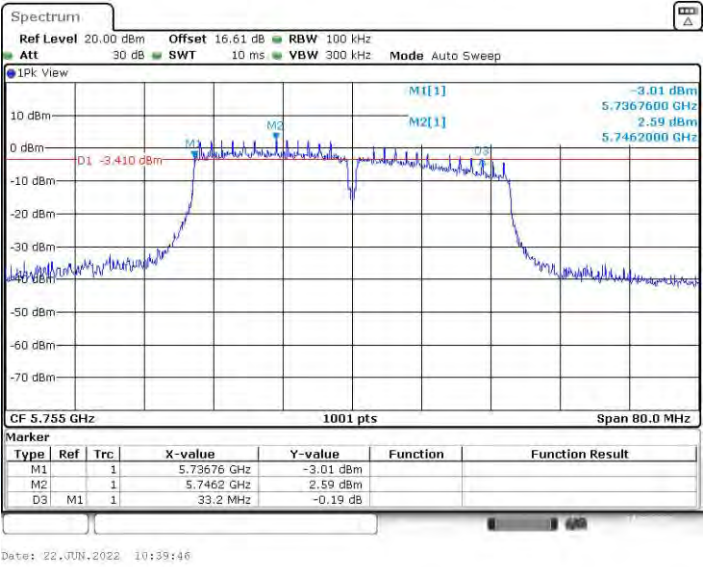
11N20MIMO_Ant1_5825



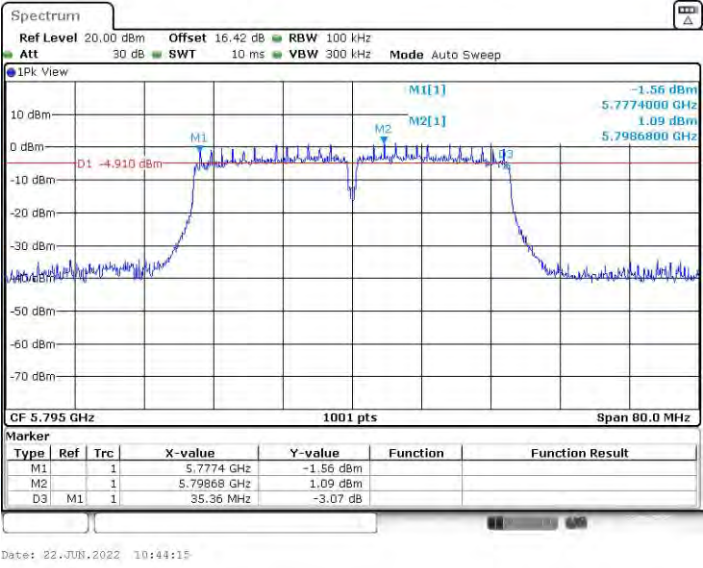
11N20MIMO_Ant2_5825



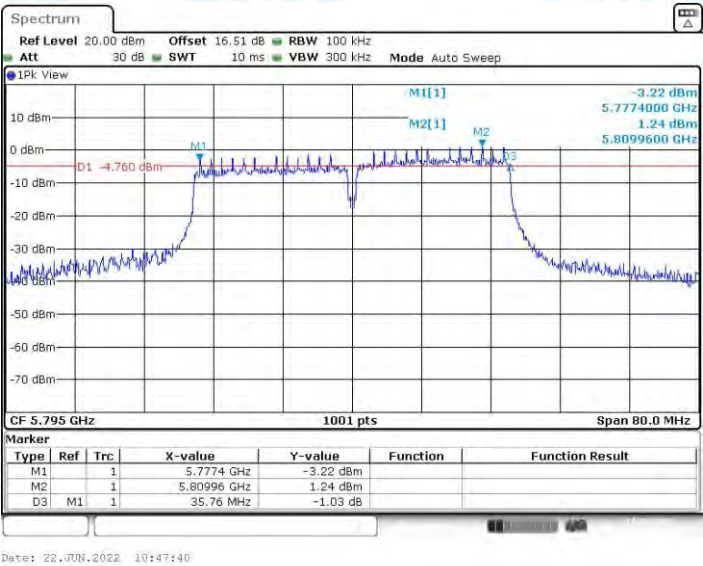
11N40MIMO_Ant1_5755



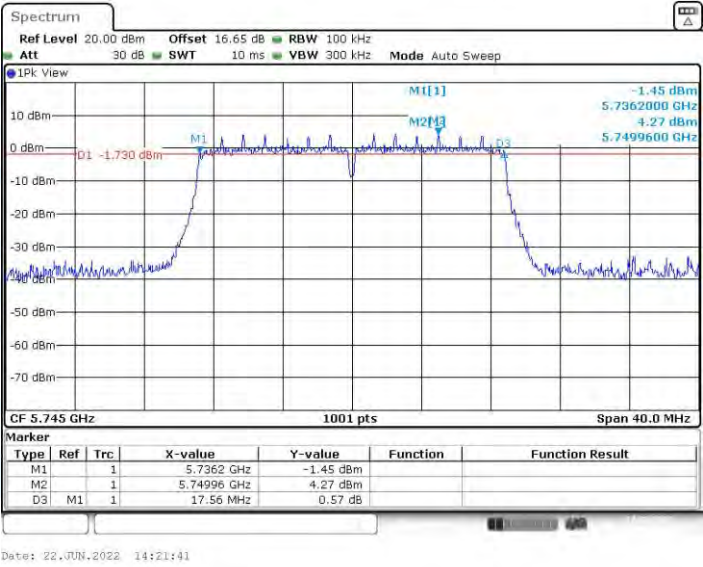
11N40MIMO_Ant2_5755



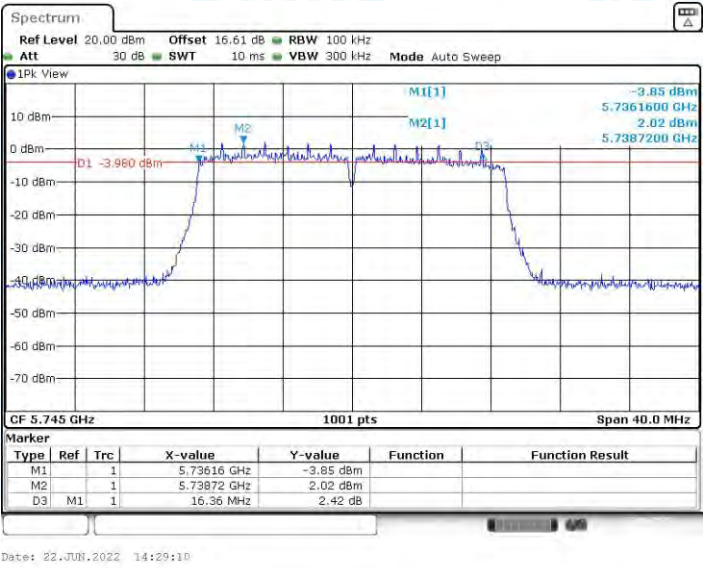
11N40MIMO_Ant1_5795



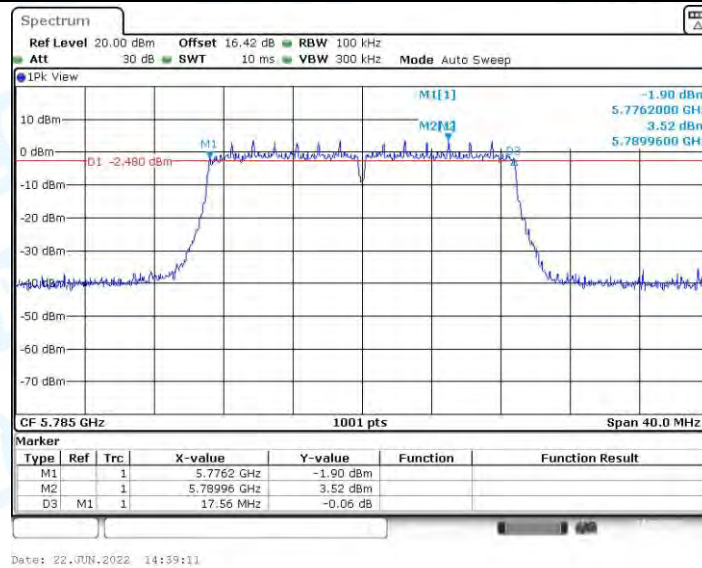
11N40MIMO_Ant2_5795



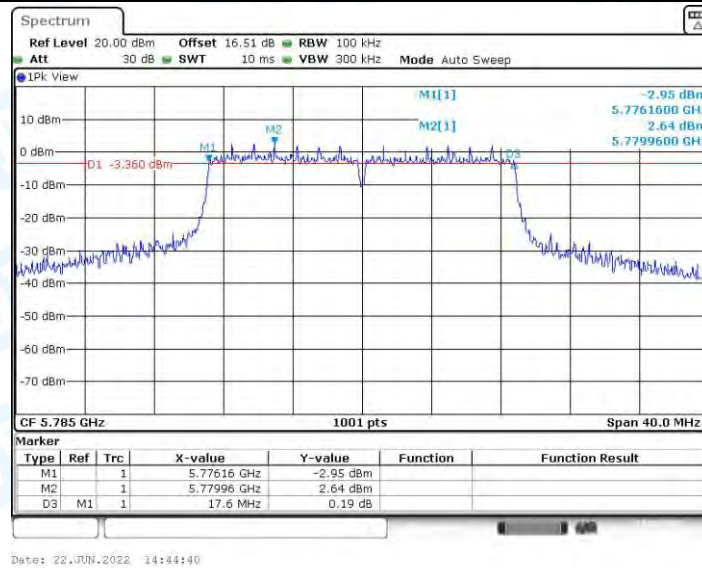
11AC20MIMO_Ant1_5745



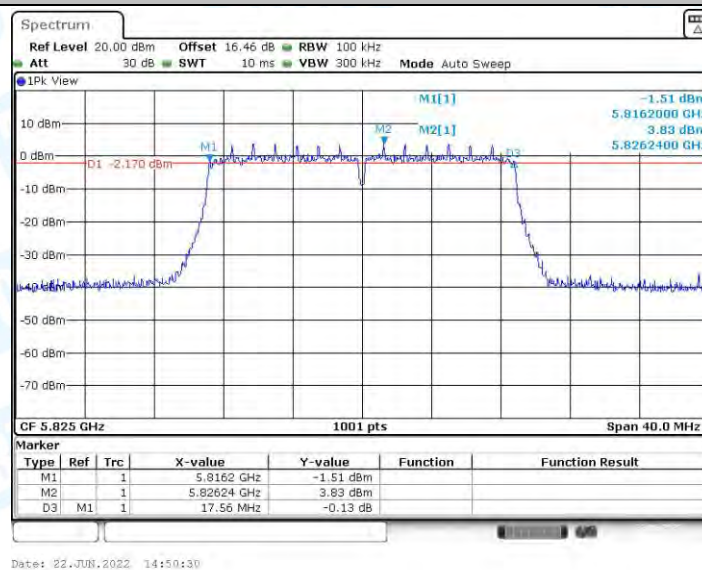
11AC20MIMO_Ant2_5745



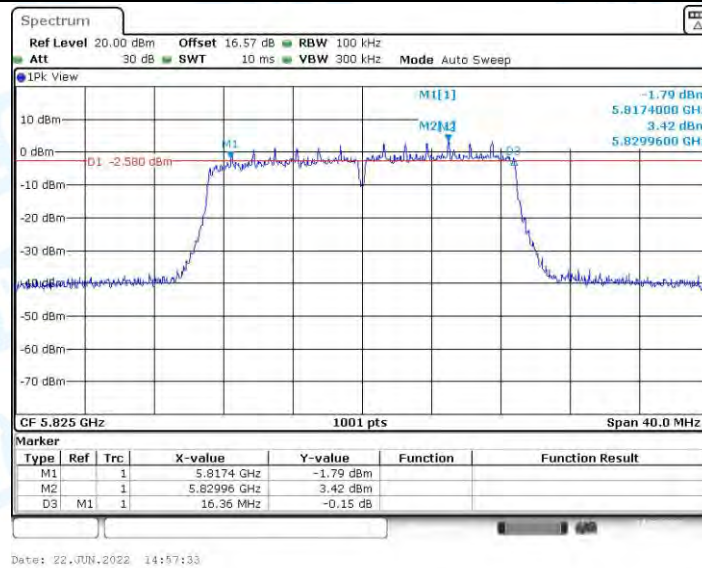
11AC20MIMO_Ant1_5785



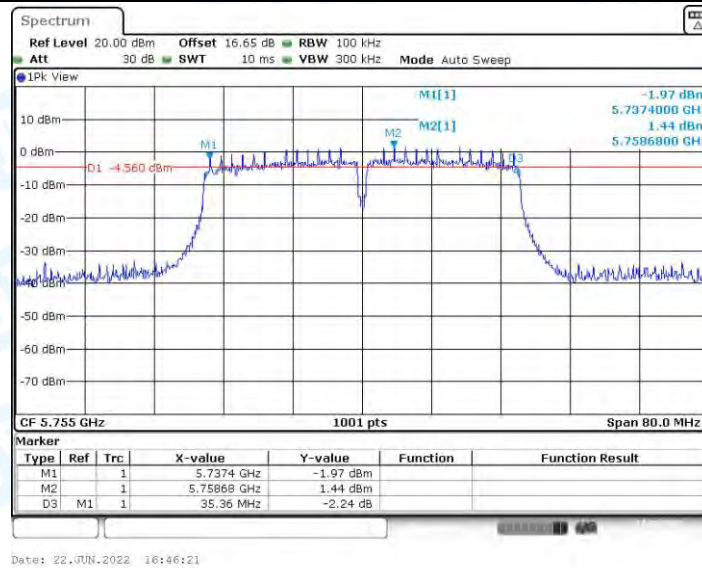
11AC20MIMO_Ant2_5785



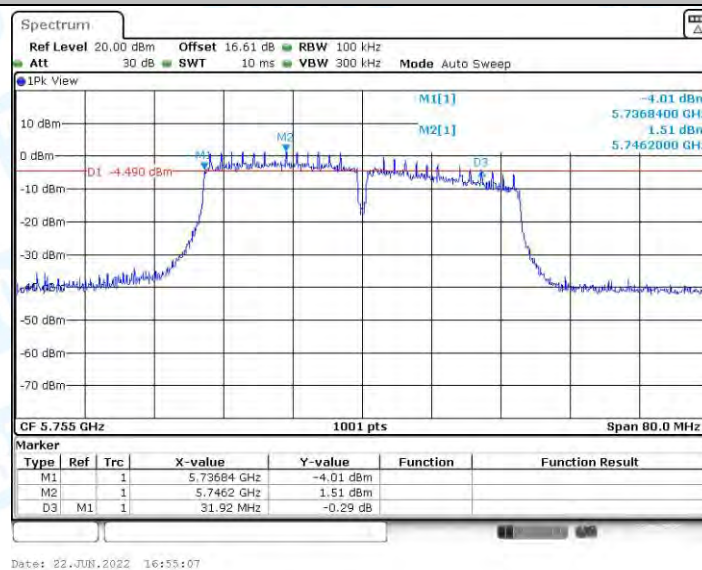
11AC20MIMO_Ant1_5825



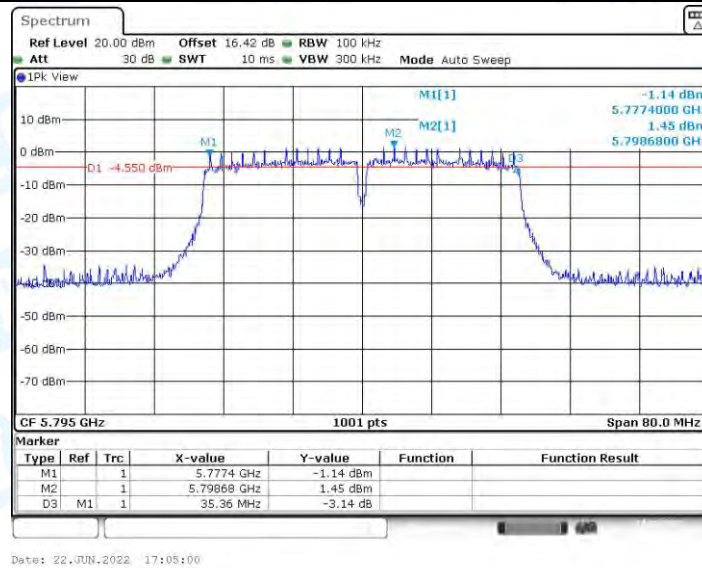
11AC20MIMO_Ant2_5825



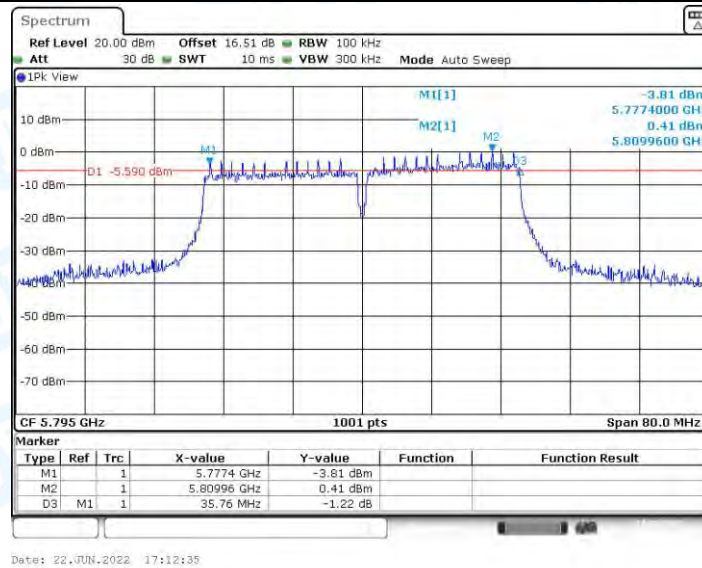
11AC40MIMO_Ant1_5755



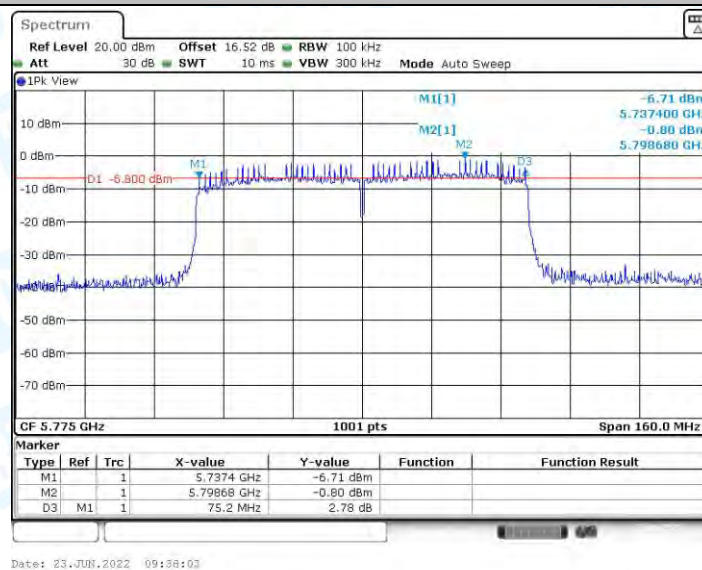
11AC40MIMO_Ant2_5755



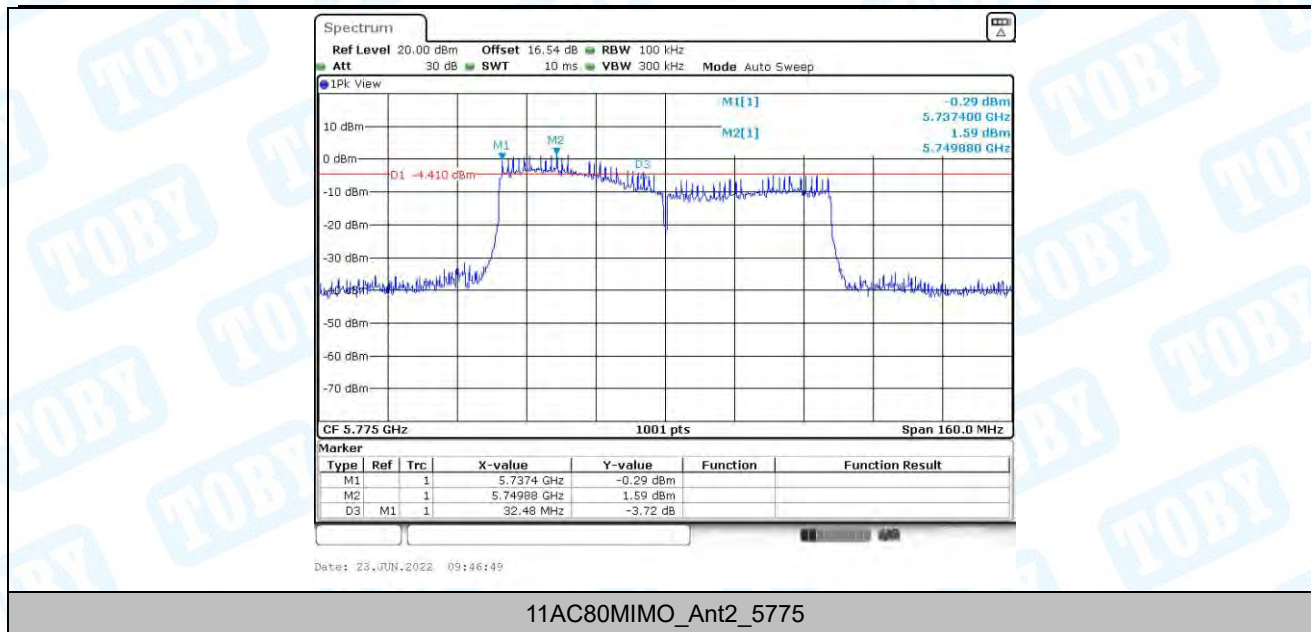
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	17.46	≤23.98	PASS
	Ant2	5180	17.31	≤23.98	PASS
	Ant1	5220	17.49	≤23.98	PASS
	Ant2	5220	17.81	≤23.98	PASS
	Ant1	5240	17.32	≤23.98	PASS
	Ant2	5240	17.59	≤23.98	PASS
	Ant1	5260	17.17	≤23.98	PASS
	Ant2	5260	17.27	≤23.98	PASS
	Ant1	5300	17.12	≤23.98	PASS
	Ant2	5300	17.19	≤23.98	PASS
	Ant1	5320	17.14	≤23.98	PASS
	Ant2	5320	17.35	≤23.98	PASS
	Ant1	5500	17.21	≤23.98	PASS
	Ant2	5500	17.31	≤23.98	PASS
	Ant1	5580	17.70	≤23.98	PASS
	Ant2	5580	18.08	≤23.98	PASS
	Ant1	5700	17.27	≤23.98	PASS
	Ant2	5700	17.00	≤23.98	PASS
	Ant1	5745	17.57	≤30.00	PASS
	Ant2	5745	17.48	≤30.00	PASS
	Ant1	5785	17.75	≤30.00	PASS
	Ant2	5785	17.19	≤30.00	PASS
	Ant1	5825	17.40	≤30.00	PASS
	Ant2	5825	17.54	≤30.00	PASS
11N20MIMO	Ant1	5180	14.15	≤23.98	PASS
	Ant2	5180	13.92	≤23.98	PASS
	total	5180	17.05	≤22.56	PASS
	Ant1	5220	14.48	≤23.98	PASS
	Ant2	5220	14.01	≤23.98	PASS
	total	5220	17.26	≤22.56	PASS
	Ant1	5240	13.98	≤23.98	PASS
	Ant2	5240	14.37	≤23.98	PASS
	total	5240	17.19	≤22.56	PASS
	Ant1	5260	13.82	≤23.98	PASS
	Ant2	5260	14.40	≤23.98	PASS
	total	5260	17.13	≤22.60	PASS
	Ant1	5300	13.83	≤23.98	PASS
	Ant2	5300	14.23	≤23.98	PASS
	total	5300	17.04	≤22.60	PASS
	Ant1	5320	13.95	≤23.98	PASS
	Ant2	5320	14.05	≤23.98	PASS

	total	5320	17.01	≤22.60	PASS
	Ant1	5500	14.57	≤23.98	PASS
	Ant2	5500	14.74	≤23.98	PASS
	total	5500	17.67	≤23.45	PASS
	Ant1	5580	15.04	≤23.98	PASS
	Ant2	5580	14.83	≤23.98	PASS
	total	5580	17.95	≤23.45	PASS
	Ant1	5700	14.55	≤23.98	PASS
	Ant2	5700	14.82	≤23.98	PASS
	total	5700	17.70	≤23.45	PASS
	Ant1	5745	15.08	≤30.00	PASS
	Ant2	5745	14.36	≤30.00	PASS
	total	5745	17.75	≤30.00	PASS
	Ant1	5785	14.58	≤30.00	PASS
	Ant2	5785	14.25	≤30.00	PASS
	total	5785	17.43	≤30.00	PASS
	Ant1	5825	14.68	≤30.00	PASS
	Ant2	5825	14.21	≤30.00	PASS
	total	5825	17.46	≤30.00	PASS
11N40MIMO	Ant1	5190	14.31	≤23.98	PASS
	Ant2	5190	13.97	≤23.98	PASS
	total	5190	17.15	≤22.56	PASS
	Ant1	5230	14.64	≤23.98	PASS
	Ant2	5230	14.74	≤23.98	PASS
	total	5230	17.70	≤22.56	PASS
	Ant1	5270	14.20	≤23.98	PASS
	Ant2	5270	14.33	≤23.98	PASS
	total	5270	17.28	≤22.60	PASS
	Ant1	5310	14.18	≤23.98	PASS
	Ant2	5310	14.85	≤23.98	PASS
	total	5310	17.54	≤22.60	PASS
	Ant1	5510	14.54	≤23.98	PASS
	Ant2	5510	14.96	≤23.98	PASS
	total	5510	17.77	≤23.45	PASS
	Ant1	5550	15.18	≤23.98	PASS
	Ant2	5550	14.61	≤23.98	PASS
	total	5550	17.91	≤23.45	PASS
	Ant1	5670	14.66	≤23.98	PASS
	Ant2	5670	14.76	≤23.98	PASS
	total	5670	17.72	≤23.45	PASS
	Ant1	5755	15.01	≤30.00	PASS
	Ant2	5755	14.33	≤30.00	PASS
	total	5755	17.69	≤30.00	PASS
	Ant1	5795	15.14	≤30.00	PASS
	Ant2	5795	14.30	≤30.00	PASS
	total	5795	17.75	≤30.00	PASS

11AC20MIMO	Ant1	5180	14.77	≤23.98	PASS
	Ant2	5180	14.36	≤23.98	PASS
	total	5180	17.58	≤22.56	PASS
	Ant1	5220	14.36	≤23.98	PASS
	Ant2	5220	14.87	≤23.98	PASS
	total	5220	17.63	≤22.56	PASS
	Ant1	5240	14.17	≤23.98	PASS
	Ant2	5240	14.58	≤23.98	PASS
	total	5240	17.39	≤22.56	PASS
	Ant1	5260	14.39	≤23.98	PASS
	Ant2	5260	14.97	≤23.98	PASS
	total	5260	17.70	≤22.60	PASS
	Ant1	5300	14.76	≤23.98	PASS
	Ant2	5300	15.33	≤23.98	PASS
	total	5300	18.06	≤22.60	PASS
	Ant1	5320	14.54	≤23.98	PASS
	Ant2	5320	14.93	≤23.98	PASS
	total	5320	17.75	≤22.60	PASS
	Ant1	5500	14.13	≤23.98	PASS
	Ant2	5500	14.43	≤23.98	PASS
	total	5500	17.29	≤23.45	PASS
	Ant1	5580	15.14	≤23.98	PASS
	Ant2	5580	14.38	≤23.98	PASS
	total	5580	17.79	≤23.45	PASS
	Ant1	5700	14.40	≤23.98	PASS
	Ant2	5700	13.70	≤23.98	PASS
	total	5700	17.07	≤23.45	PASS
	Ant1	5745	15.13	≤30.00	PASS
	Ant2	5745	14.72	≤30.00	PASS
	total	5745	17.94	≤30.00	PASS
	Ant1	5785	14.88	≤30.00	PASS
	Ant2	5785	14.07	≤30.00	PASS
	total	5785	17.50	≤30.00	PASS
	Ant1	5825	14.94	≤30.00	PASS
	Ant2	5825	14.87	≤30.00	PASS
	total	5825	17.92	≤30.00	PASS
11AC40MIMO	Ant1	5190	14.96	≤23.98	PASS
	Ant2	5190	13.84	≤23.98	PASS
	total	5190	17.45	≤22.56	PASS
	Ant1	5230	14.31	≤23.98	PASS
	Ant2	5230	14.53	≤23.98	PASS
	total	5230	17.43	≤22.56	PASS
	Ant1	5270	14.15	≤23.98	PASS
	Ant2	5270	14.14	≤23.98	PASS
	total	5270	17.16	≤22.60	PASS
	Ant1	5310	14.66	≤23.98	PASS

	Ant2	5310	15.13	≤23.98	PASS
	total	5310	17.91	≤22.60	PASS
	Ant1	5510	14.65	≤23.98	PASS
	Ant2	5510	15.19	≤23.98	PASS
	total	5510	17.94	≤23.45	PASS
	Ant1	5550	15.20	≤23.98	PASS
	Ant2	5550	14.53	≤23.98	PASS
	total	5550	17.89	≤23.45	PASS
	Ant1	5670	14.10	≤23.98	PASS
	Ant2	5670	14.82	≤23.98	PASS
	total	5670	17.49	≤23.45	PASS
	Ant1	5755	14.44	≤30.00	PASS
	Ant2	5755	14.53	≤30.00	PASS
	total	5755	17.50	≤30.00	PASS
	Ant1	5795	14.74	≤30.00	PASS
	Ant2	5795	14.35	≤30.00	PASS
	total	5795	17.56	≤30.00	PASS
11AC80MIMO	Ant1	5210	14.86	≤23.98	PASS
	Ant2	5210	14.33	≤23.98	PASS
	total	5210	17.61	≤22.56	PASS
	Ant1	5290	14.09	≤23.98	PASS
	Ant2	5290	14.04	≤23.98	PASS
	total	5290	17.08	≤22.60	PASS
	Ant1	5530	14.60	≤23.98	PASS
	Ant2	5530	14.79	≤23.98	PASS
	total	5530	17.71	≤23.45	PASS
	Ant1	5610	14.35	≤23.98	PASS
	Ant2	5610	14.54	≤23.98	PASS
	total	5610	17.46	≤23.45	PASS
	Ant1	5775	14.56	≤30.00	PASS
	Ant2	5775	14.26	≤30.00	PASS
	total	5775	17.42	≤30.00	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides three antennas for transmitting and receiving.

When ANT.1 and ANT. 2 transmitting simultaneously, and the

Directional Gain=7.42dBi>6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.1:4.15dBi; Ant.2:4.65dBi)

Directional Gain =7.38dBi>6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:3.75dBi; Ant.2:4.91dBi)

Directional Gain =6.53dBi>6dBi. For U-NII-2C: 5500MHz-5700MHz (Ant.1:2.97dBi; Ant.2:4.00dBi)

Directional Gain =5.98dBi<6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:2.85dBi; Ant.2:3.08dBi)

So Pout = Plimit-(G_{TX}-6)]=(23.98-1.42)dBm =22.56dBm For U-NII-1: 5180MHz-5240MHz

So Pout = Plimit-(G_{TX}-6)]=(23.98-1.38)dBm =22.60dBm For U-NII-2A: 5260MHz-5320MHz

So Pout = Plimit-(G_{TX}-6)]=(23.98-0.53)dBm=23.45dBm For U-NII-2C: 5500MHz-5700MHz

So Pout = Plimit =30dBm For U-NII-3: 5745MHz-5825MHz

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

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Result [dBm/500kHz]	Limit[dBm/MHz]	Limit [dBm/500kHz]	Verdict
11A	Ant1	5180	5.61	---	≤11.00	---	PASS
	Ant2	5180	5.63	---	≤11.00	---	PASS
	Ant1	5220	5.8	---	≤11.00	---	PASS
	Ant2	5220	6.12	---	≤11.00	---	PASS
	Ant1	5240	5.63	---	≤11.00	---	PASS
	Ant2	5240	6.26	---	≤11.00	---	PASS
	Ant1	5260	5.42	---	≤11.00	---	PASS
	Ant2	5260	5.82	---	≤11.00	---	PASS
	Ant1	5300	5.49	---	≤11.00	---	PASS
	Ant2	5300	5.74	---	≤11.00	---	PASS
	Ant1	5320	5.34	---	≤11.00	---	PASS
	Ant2	5320	5.83	---	≤11.00	---	PASS
	Ant1	5500	5.49	---	≤11.00	---	PASS
	Ant2	5500	5.84	---	≤11.00	---	PASS
	Ant1	5580	5.95	---	≤11.00	---	PASS
	Ant2	5580	6.58	---	≤11.00	---	PASS
	Ant1	5700	5.67	---	≤11.00	---	PASS
	Ant2	5700	5.45	---	≤11.00	---	PASS
	Ant1	5745	---	2.89	---	≤30.00	PASS
	Ant2	5745	---	3.02	---	≤30.00	PASS
	Ant1	5785	---	3.01	---	≤30.00	PASS
	Ant2	5785	---	2.76	---	≤30.00	PASS
	Ant1	5825	---	2.7	---	≤30.00	PASS
	Ant2	5825	---	3.03	---	≤30.00	PASS
11N20MIMO	Ant1	5180	1.8	---	≤11.00	---	PASS
	Ant2	5180	2.22	---	≤11.00	---	PASS
	total	5180	5.03	---	≤9.58	---	PASS
	Ant1	5220	1.97	---	≤11.00	---	PASS
	Ant2	5220	2.26	---	≤11.00	---	PASS
	total	5220	5.13	---	≤9.58	---	PASS
	Ant1	5240	2.25	---	≤11.00	---	PASS
	Ant2	5240	4.18	---	≤11.00	---	PASS
	total	5240	6.33	---	≤9.58	---	PASS
	Ant1	5260	1.96	---	≤11.00	---	PASS
	Ant2	5260	2.89	---	≤11.00	---	PASS
	total	5260	5.46	---	≤9.62	---	PASS
	Ant1	5300	2.1	---	≤11.00	---	PASS
	Ant2	5300	2.94	---	≤11.00	---	PASS
	total	5300	5.55	---	≤9.62	---	PASS
	Ant1	5320	2.07	---	≤11.00	---	PASS

	Ant2	5320	2.83	---	≤11.00	---	PASS
	total	5320	5.48	---	≤9.62	---	PASS
	Ant1	5500	2.81	---	≤11.00	---	PASS
	Ant2	5500	3.29	---	≤11.00	---	PASS
	total	5500	6.07	---	≤10.47	---	PASS
	Ant1	5580	3.32	---	≤11.00	---	PASS
	Ant2	5580	3.54	---	≤11.00	---	PASS
	total	5580	6.44	---	≤10.47	---	PASS
	Ant1	5700	2.82	---	≤11.00	---	PASS
	Ant2	5700	4	---	≤11.00	---	PASS
	total	5700	6.46	---	≤10.47	---	PASS
	Ant1	5745	---	0.37	---	≤30.00	PASS
	Ant2	5745	---	0.3	---	≤30.00	PASS
	total	5745	---	3.35	---	≤30.00	PASS
	Ant1	5785	---	-0.14	---	≤30.00	PASS
	Ant2	5785	---	-0.26	---	≤30.00	PASS
	total	5785	---	2.81	---	≤30.00	PASS
	Ant1	5825	---	0.01	---	≤30.00	PASS
	Ant2	5825	---	0.11	---	≤30.00	PASS
	total	5825	---	3.07	---	≤30.00	PASS
11N40MIMO	Ant1	5190	-0.21	---	≤11.00	---	PASS
	Ant2	5190	-0.27	---	≤11.00	---	PASS
	total	5190	2.77	---	≤9.58	---	PASS
	Ant1	5230	0.11	---	≤11.00	---	PASS
	Ant2	5230	1.07	---	≤11.00	---	PASS
	total	5230	3.63	---	≤9.58	---	PASS
	Ant1	5270	-0.42	---	≤11.00	---	PASS
	Ant2	5270	0.36	---	≤11.00	---	PASS
	total	5270	3.00	---	≤9.62	---	PASS
	Ant1	5310	-0.22	---	≤11.00	---	PASS
	Ant2	5310	1.02	---	≤11.00	---	PASS
	total	5310	3.45	---	≤9.62	---	PASS
	Ant1	5510	0.03	---	≤11.00	---	PASS
	Ant2	5510	1.29	---	≤11.00	---	PASS
	total	5510	3.72	---	≤10.47	---	PASS
	Ant1	5550	0.82	---	≤11.00	---	PASS
	Ant2	5550	0.65	---	≤11.00	---	PASS
	total	5550	3.75	---	≤10.47	---	PASS
	Ant1	5670	0.22	---	≤11.00	---	PASS
	Ant2	5670	1.05	---	≤11.00	---	PASS
	total	5670	3.67	---	≤10.47	---	PASS
	Ant1	5755	---	-2.11	---	≤30.00	PASS
	Ant2	5755	---	-1.67	---	≤30.00	PASS
	total	5755	---	1.13	---	≤30.00	PASS
	Ant1	5795	---	-2.17	---	≤30.00	PASS
	Ant2	5795	---	-2	---	≤30.00	PASS

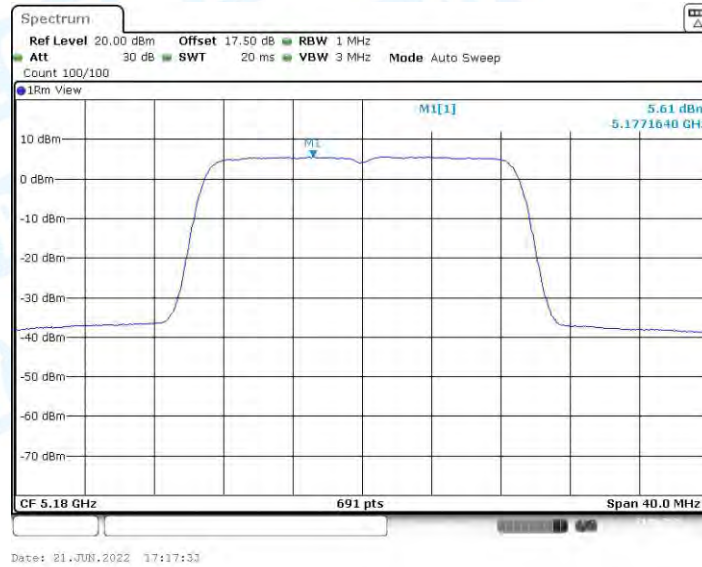
	total	5795	---	0.93	---	≤30.00	PASS
11AC20MIMO	Ant1	5180	2.91	---	≤11.00	---	PASS
	Ant2	5180	2.98	---	≤11.00	---	PASS
	total	5180	5.96	---	≤9.58	---	PASS
	Ant1	5220	2.53	---	≤11.00	---	PASS
	Ant2	5220	3.12	---	≤11.00	---	PASS
	total	5220	5.85	---	≤9.58	---	PASS
	Ant1	5240	2.56	---	≤11.00	---	PASS
	Ant2	5240	4.29	---	≤11.00	---	PASS
	total	5240	6.52	---	≤9.58	---	PASS
	Ant1	5260	2.63	---	≤11.00	---	PASS
	Ant2	5260	3.7	---	≤11.00	---	PASS
	total	5260	6.21	---	≤9.62	---	PASS
	Ant1	5300	2.86	---	≤11.00	---	PASS
	Ant2	5300	4.09	---	≤11.00	---	PASS
	total	5300	6.53	---	≤9.62	---	PASS
	Ant1	5320	2.8	---	≤11.00	---	PASS
	Ant2	5320	3.7	---	≤11.00	---	PASS
	total	5320	6.28	---	≤9.62	---	PASS
	Ant1	5500	2.22	---	≤11.00	---	PASS
	Ant2	5500	2.92	---	≤11.00	---	PASS
	total	5500	5.59	---	≤10.47	---	PASS
	Ant1	5580	3.26	---	≤11.00	---	PASS
	Ant2	5580	2.89	---	≤11.00	---	PASS
	total	5580	6.09	---	≤10.47	---	PASS
	Ant1	5700	2.83	---	≤11.00	---	PASS
	Ant2	5700	3.06	---	≤11.00	---	PASS
	total	5700	5.96	---	≤10.47	---	PASS
	Ant1	5745	---	0.34	---	≤30.00	PASS
	Ant2	5745	---	0.61	---	≤30.00	PASS
	total	5745	---	3.49	---	≤30.00	PASS
	Ant1	5785	---	0.23	---	≤30.00	PASS
	Ant2	5785	---	-0.42	---	≤30.00	PASS
	total	5785	---	2.93	---	≤30.00	PASS
	Ant1	5825	---	0.25	---	≤30.00	PASS
	Ant2	5825	---	0.87	---	≤30.00	PASS
	total	5825	---	3.58	---	≤30.00	PASS
11AC40MIMO	Ant1	5190	0.76	---	≤11.00	---	PASS
	Ant2	5190	-0.28	---	≤11.00	---	PASS
	total	5190	3.28	---	≤9.58	---	PASS
	Ant1	5230	-0.23	---	≤11.00	---	PASS
	Ant2	5230	0.72	---	≤11.00	---	PASS
	total	5230	3.28	---	≤9.58	---	PASS
	Ant1	5270	-0.28	---	≤11.00	---	PASS
	Ant2	5270	0.33	---	≤11.00	---	PASS
	total	5270	3.05	---	≤9.62	---	PASS

	Ant1	5310	0.39	---	≤11.00	---	PASS
	Ant2	5310	1.47	---	≤11.00	---	PASS
	total	5310	3.97	---	≤9.62	---	PASS
	Ant1	5510	0.17	---	≤11.00	---	PASS
	Ant2	5510	1.46	---	≤11.00	---	PASS
	total	5510	3.87	---	≤10.47	---	PASS
	Ant1	5550	0.52	---	≤11.00	---	PASS
	Ant2	5550	0.6	---	≤11.00	---	PASS
	total	5550	3.57	---	≤10.47	---	PASS
	Ant1	5670	-0.38	---	≤11.00	---	PASS
	Ant2	5670	1.31	---	≤11.00	---	PASS
	total	5670	3.56	---	≤10.47	---	PASS
	Ant1	5755	---	-1.69	---	≤30.00	PASS
	Ant2	5755	---	-1.68	---	≤30.00	PASS
	total	5755	---	1.33	---	≤30.00	PASS
11AC80MIMO	Ant1	5210	-2.56	---	≤11.00	---	PASS
	Ant2	5210	-1.53	---	≤11.00	---	PASS
	total	5210	1.00	---	≤9.58	---	PASS
	Ant1	5290	-2.96	---	≤11.00	---	PASS
	Ant2	5290	-1.53	---	≤11.00	---	PASS
	total	5290	0.82	---	≤9.62	---	PASS
	Ant1	5530	-2.75	---	≤11.00	---	PASS
	Ant2	5530	-2	---	≤11.00	---	PASS
	total	5530	0.65	---	≤10.47	---	PASS
	Ant1	5610	-3.18	---	≤11.00	---	PASS
	Ant2	5610	-0.76	---	≤11.00	---	PASS
	total	5610	1.21	---	≤10.47	---	PASS
	Ant1	5775	---	-5.27	---	≤30.00	PASS
	Ant2	5775	---	-3.22	---	≤30.00	PASS
	total	5775	---	-1.11	---	≤30.00	PASS

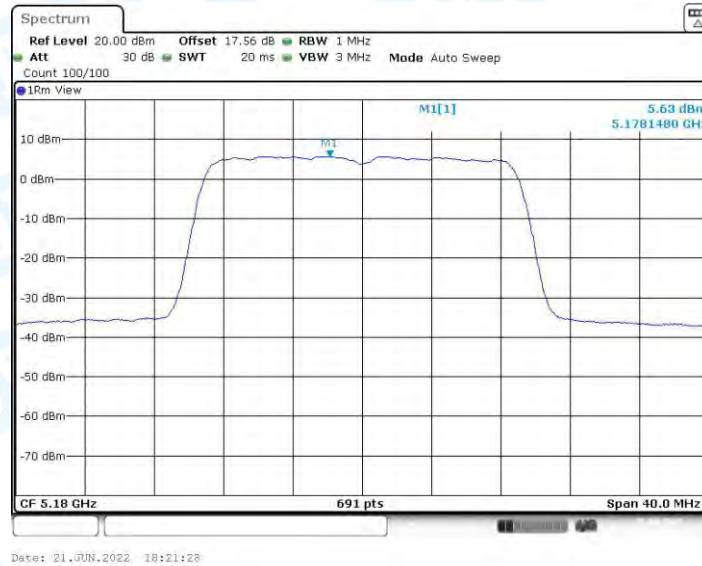
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
 3. The EUT incorporates a MIMO function. Physically, the EUT provides three antennas for transmitting and receiving.
 Directional Gain=7.42dBi>6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.1:4.15dBi; Ant.2:4.65dBi)
 Directional Gain =7.38dBi>6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:3.75dBi; Ant.2:4.91dBi)
 Directional Gain =6.53dBi>6dBi. For U-NII-2C: 5500MHz-5700MHz (Ant.1:2.97dBi; Ant.2:4.00dBi)
 Directional Gain =5.98dBi<6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:2.85dBi; Ant.2:3.08dBi)
 So Pout = Plimit-(G_{TX}-6)=(11-1.42)dBm/MHz =9.58dBm/MHz For U-NII-1: 5180MHz-5240MHz
 So Pout = Plimit-(G_{TX}-6)=(11-1.38)dBm/MHz =9.62dBm/MHz For U-NII-2A: 5260MHz-5320MHz
 So Pout = Plimit-(G_{TX}-6)=(11-0.53)dBm/MHz =10.47dBm/MHz For U-NII-2C: 5500MHz-5700MHz
 So Pout = Plimit =30dBm/500kHz For U-NII-3: 5745MHz-5825MHz

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.

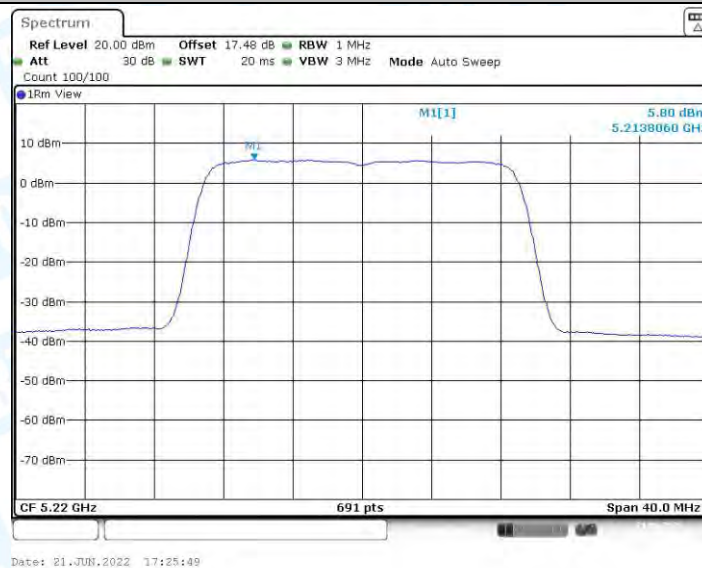
5.2. Test Graphs



11A_Ant1_5180



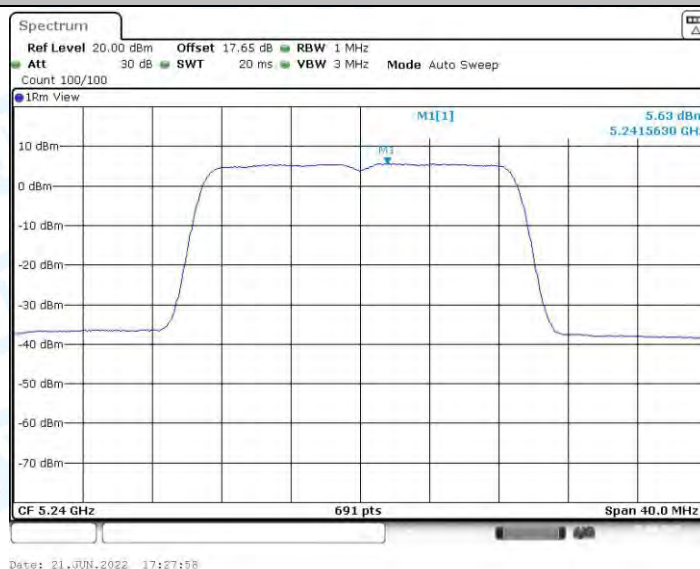
11A_Ant2_5180



11A_Ant1_5220



11A_Ant2_5220



11A_Ant1_5240



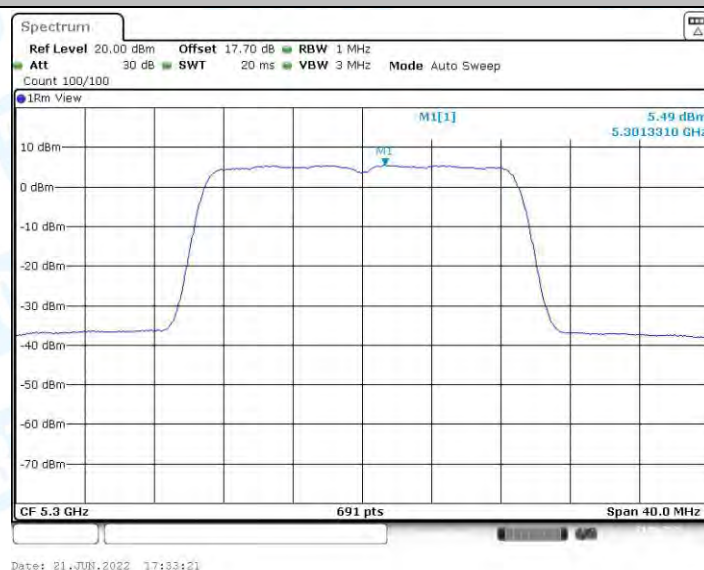
11A_Ant2_5240



11A_Ant1_5260



11A_Ant2_5260



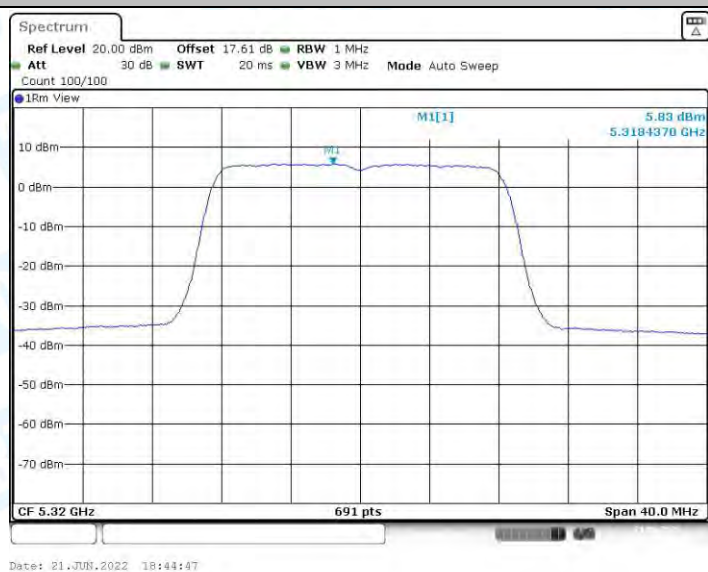
11A_Ant1_5300



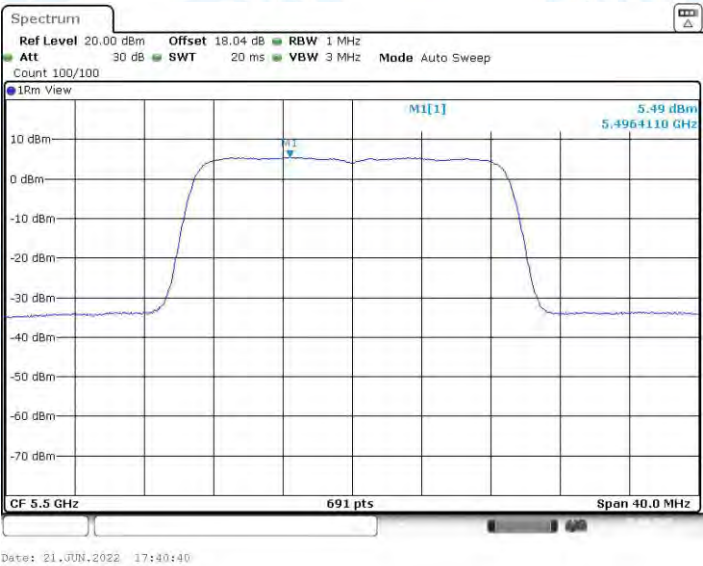
11A_Ant2_5300



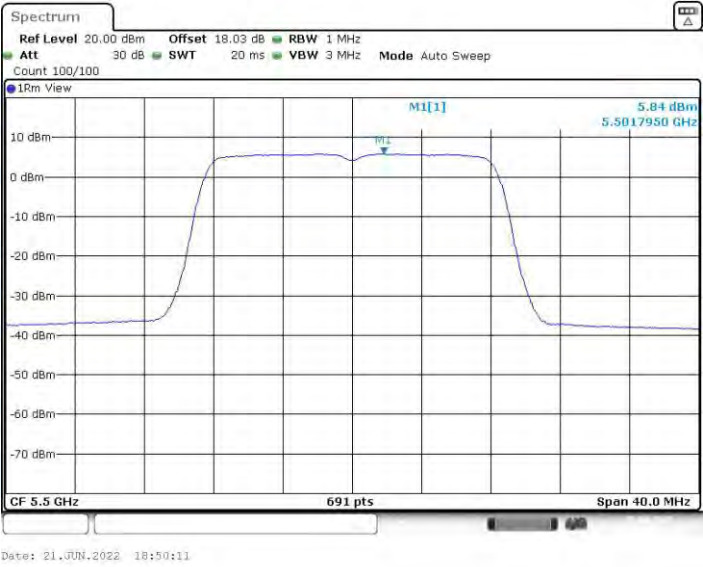
11A_Ant1_5320



11A_Ant2_5320



11A_Ant1_5500



11A_Ant2_5500



11A_Ant1_5580



11A_Ant2_5580



11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5745



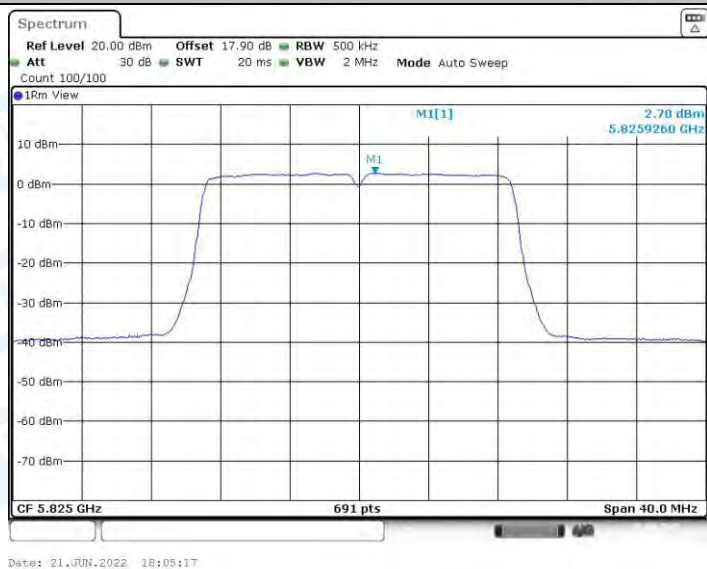
11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5220



11N20MIMO_Ant2_5220



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



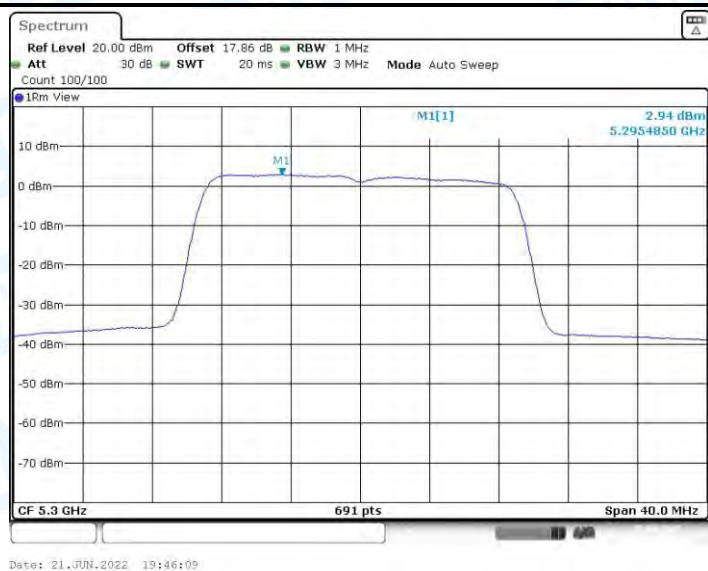
11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5300



11N20MIMO_Ant2_5300



11N20MIMO_Ant1_5320



11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500



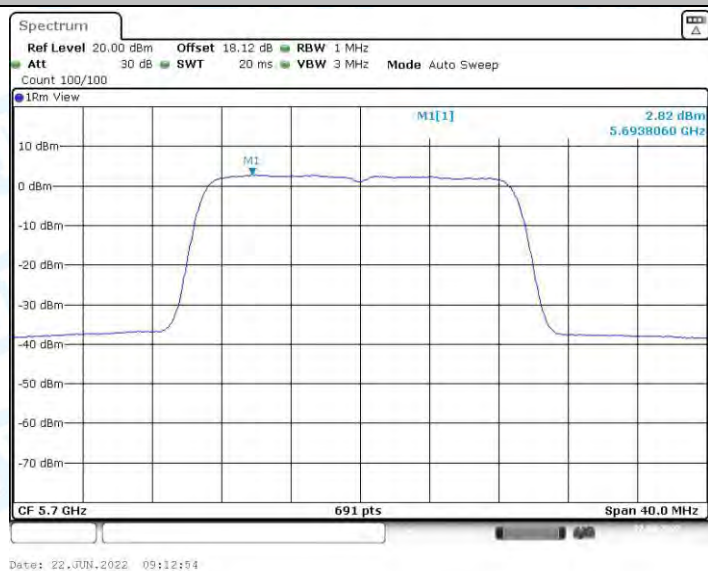
11N20MIMO_Ant2_5500



11N20MIMO_Ant1_5580



11N20MIMO_Ant2_5580



11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



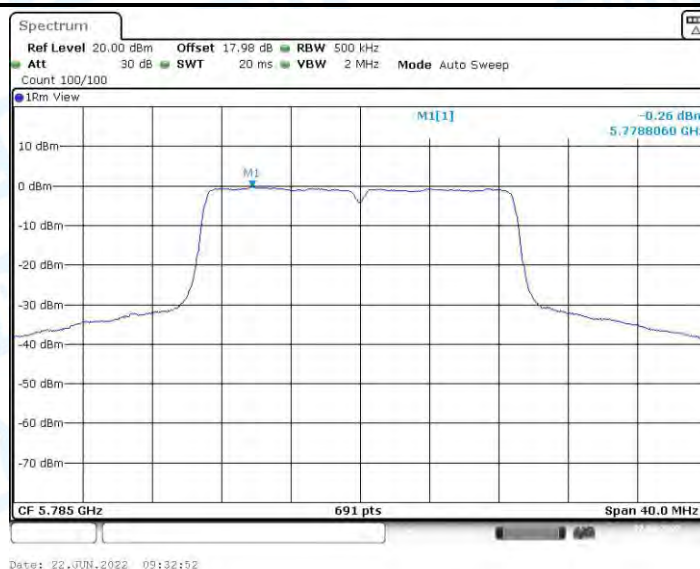
11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



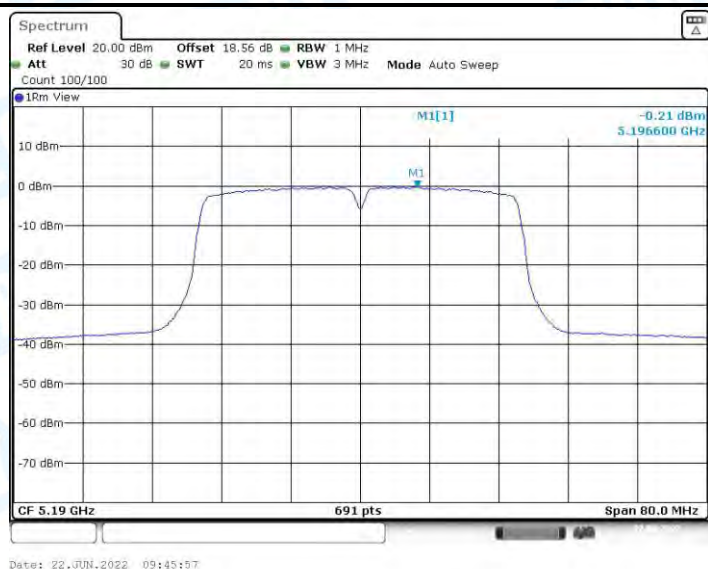
11N20MIMO_Ant2_5785



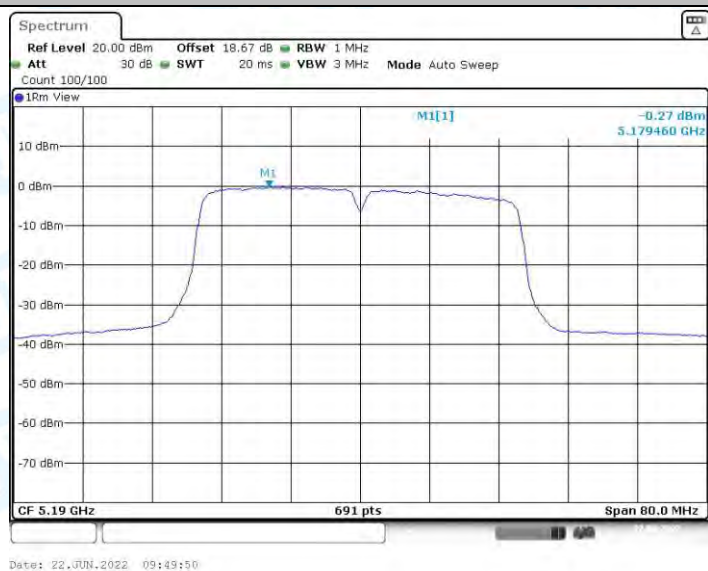
11N20MIMO_Ant1_5825



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



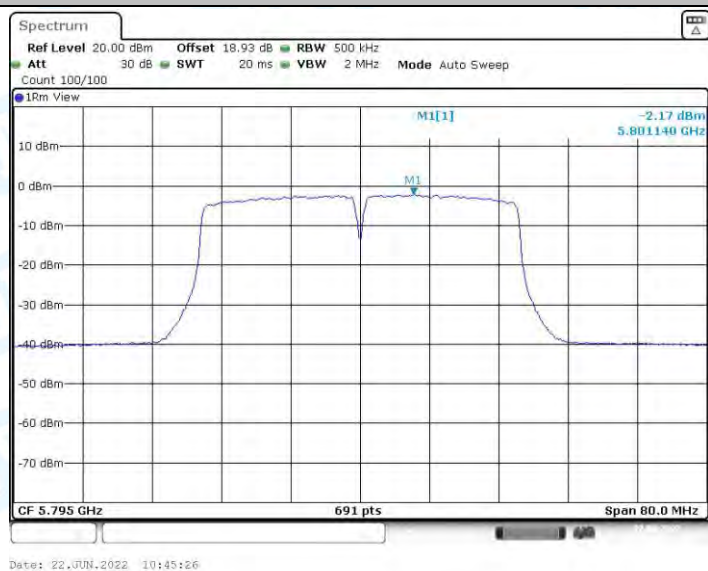
11N40MIMO_Ant2_5670



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



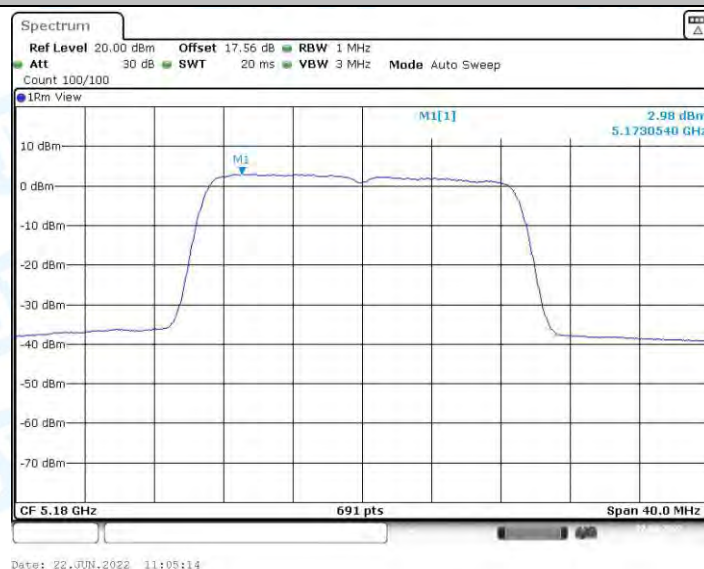
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5220



11AC20MIMO_Ant2_5220



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260



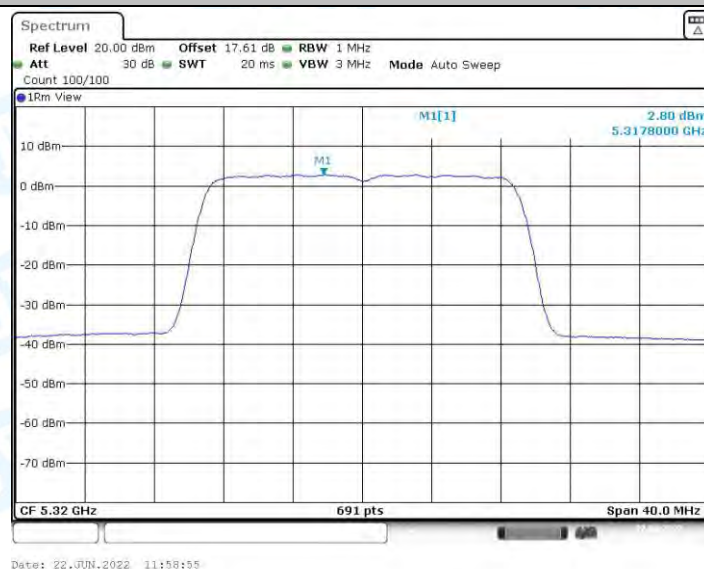
11AC20MIMO_Ant2_5260



11AC20MIMO_Ant1_5300



11AC20MIMO_Ant2_5300



11AC20MIMO_Ant1_5320



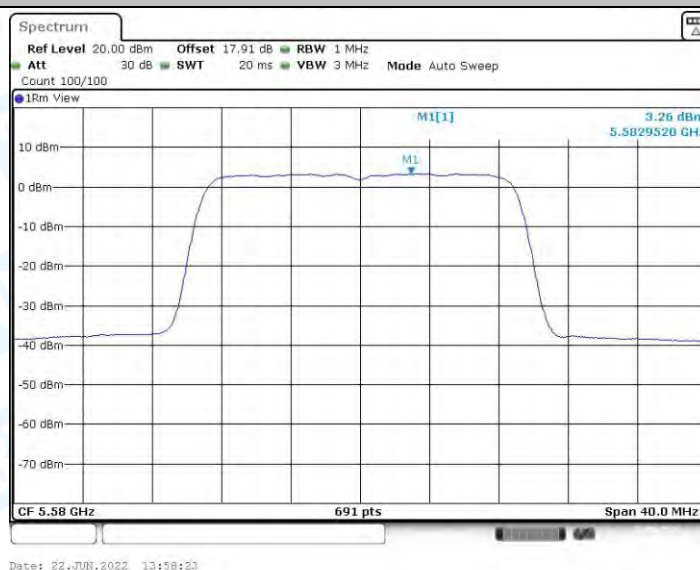
11AC20MIMO_Ant2_5320



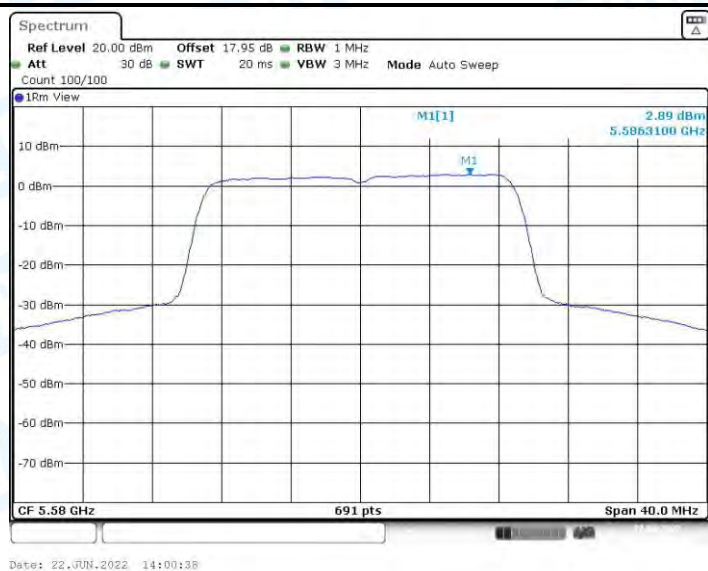
11AC20MIMO_Ant1_5500



11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580



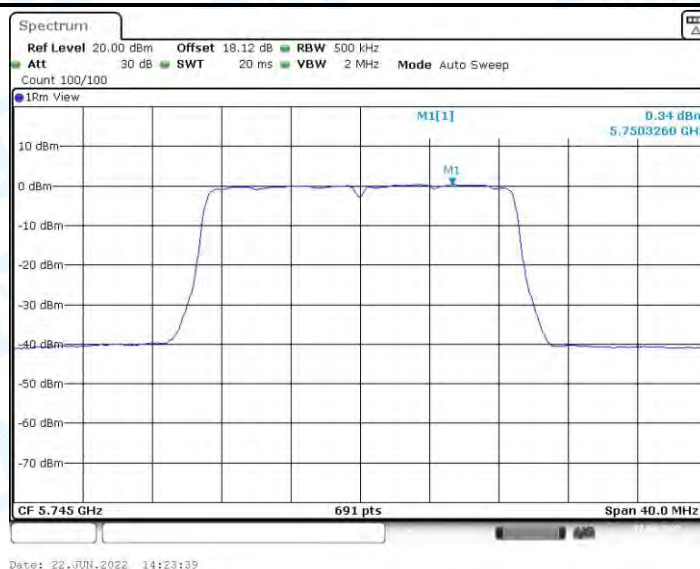
11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5270



11AC40MIMO_Ant2_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510



11AC40MIMO_Ant1_5550



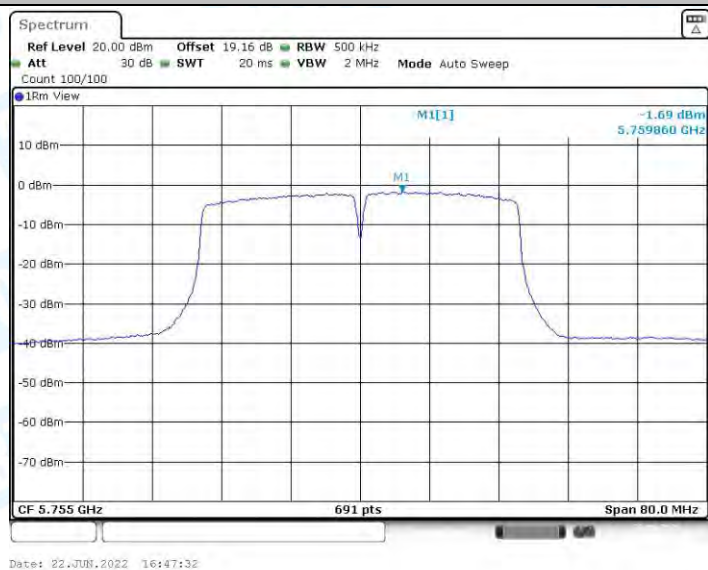
11AC40MIMO_Ant2_5550



11AC40MIMO_Ant1_5670



11AC40MIMO_Ant2_5670



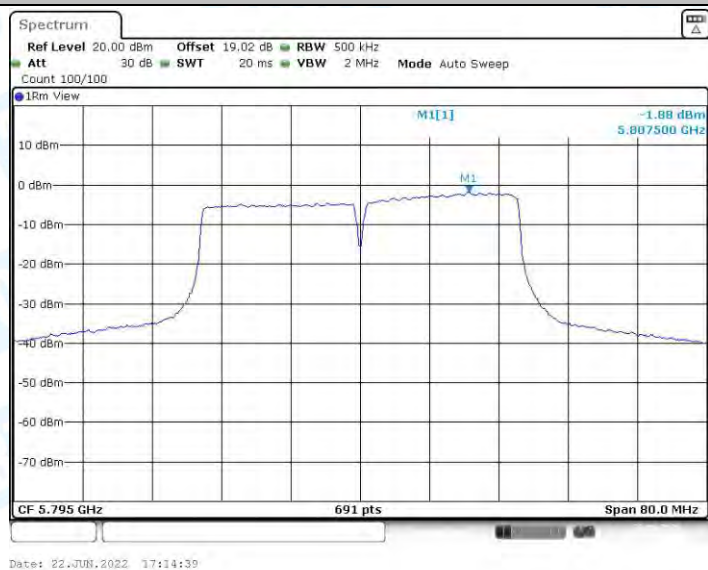
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



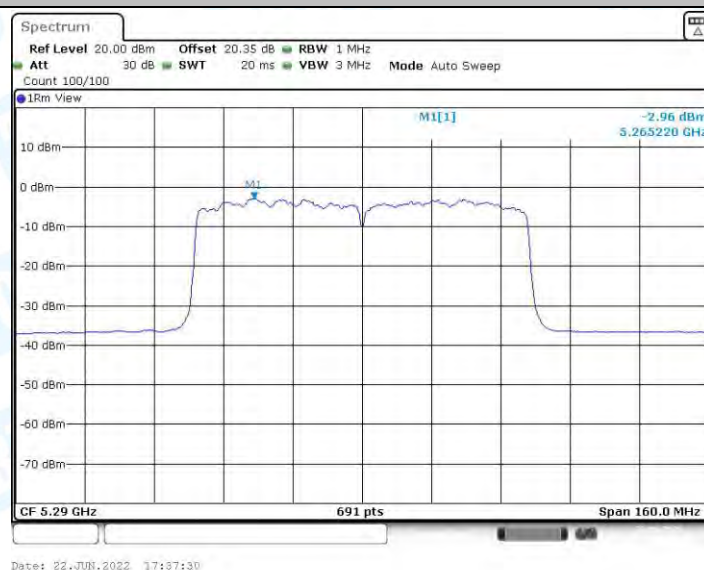
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



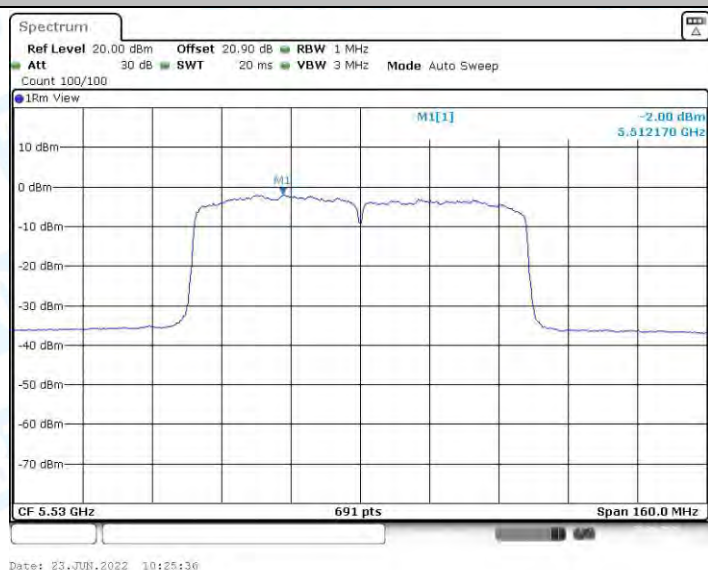
11AC80MIMO_Ant1_5290



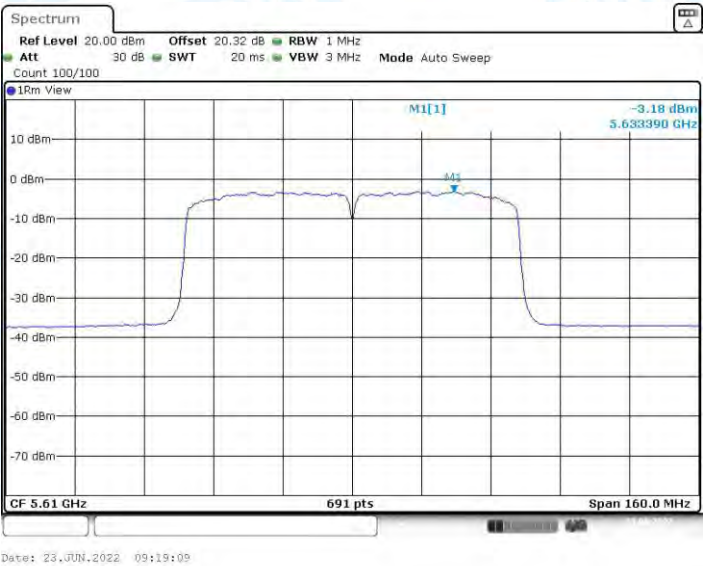
11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530



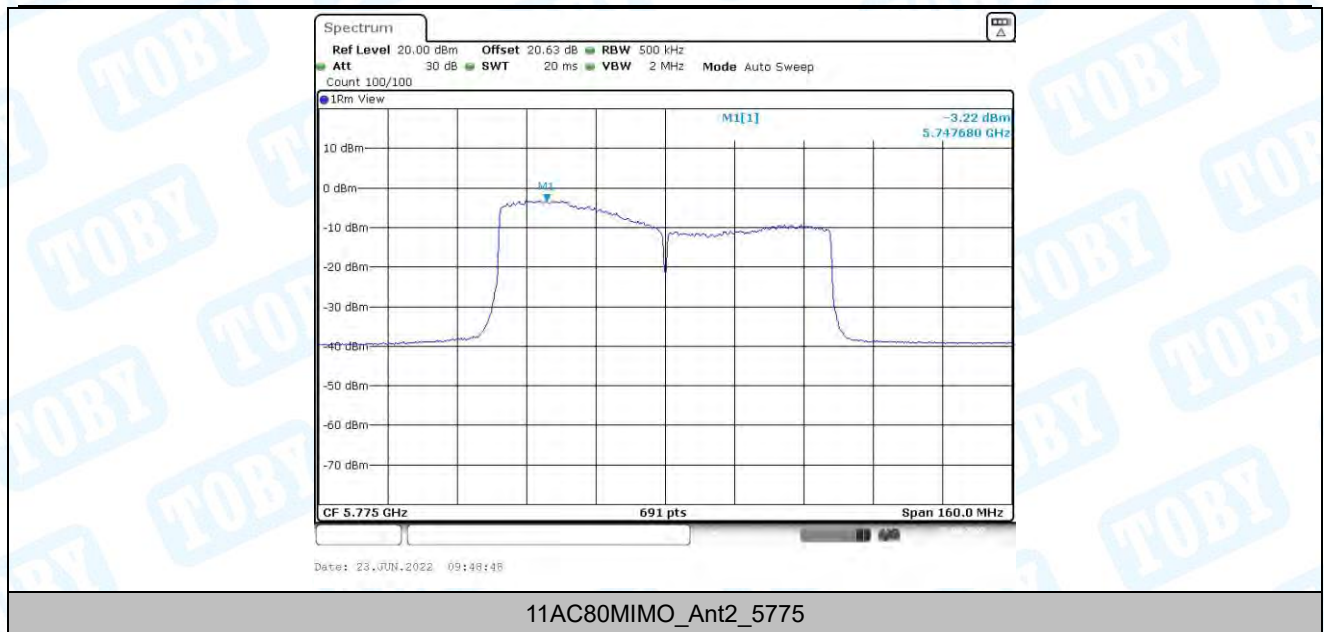
11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

6. Band edge measurements

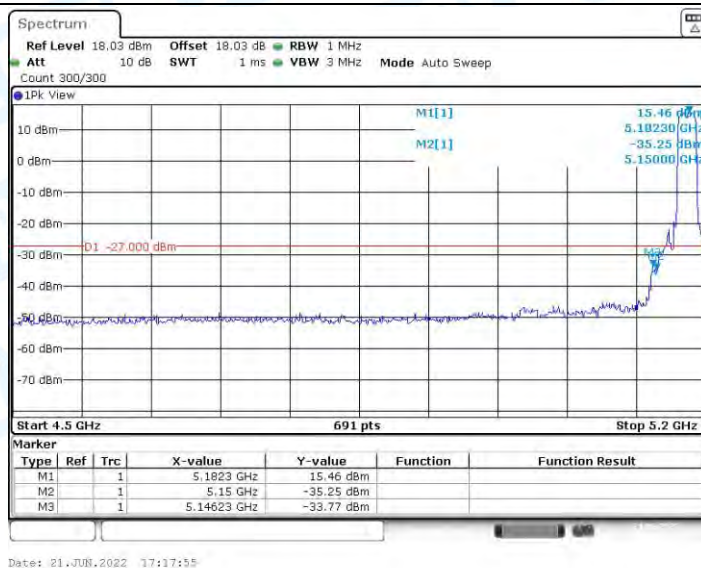
6.1. Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-33.77	≤ -27	PASS
	Ant2	Low	5180	-33.68	≤ -27	PASS
	Ant1	High	5320	-36.79	≤ -27	PASS
	Ant2	High	5320	-31.8	≤ -27	PASS
	Ant1	Low	5500	-27.37	≤ -27	PASS
	Ant2	Low	5500	-39.15	≤ -27	PASS
	Ant1	High	5700	-30.56	≤ -27	PASS
	Ant2	High	5700	-30.22	≤ -27	PASS
11N20MIMO	Ant1	Low	5180	-41.2	≤ -27	PASS
	Ant2	Low	5180	-42.91	≤ -27	PASS
	Ant1	High	5320	-42.15	≤ -27	PASS
	Ant2	High	5320	-42.64	≤ -27	PASS
	Ant1	Low	5500	-32.91	≤ -27	PASS
	Ant2	Low	5500	-38.98	≤ -27	PASS
	Ant1	High	5700	-31.42	≤ -27	PASS
	Ant2	High	5700	-33.4	≤ -27	PASS
11N40MIMO	Ant1	Low	5190	-31.24	≤ -27	PASS
	Ant2	Low	5190	-31.13	≤ -27	PASS
	Ant1	High	5310	-35.92	≤ -27	PASS
	Ant2	High	5310	-31.75	≤ -27	PASS
	Ant1	Low	5510	-28.96	≤ -27	PASS
	Ant2	Low	5510	-31.6	≤ -27	PASS
	Ant1	High	5670	-34.37	≤ -27	PASS
	Ant2	High	5670	-39.56	≤ -27	PASS
11AC20MIMO	Ant1	Low	5180	-40.41	≤ -27	PASS
	Ant2	Low	5180	-39.16	≤ -27	PASS
	Ant1	High	5320	-34.86	≤ -27	PASS
	Ant2	High	5320	-37.11	≤ -27	PASS
	Ant1	Low	5500	-36.43	≤ -27	PASS
	Ant2	Low	5500	-39.45	≤ -27	PASS
	Ant1	High	5700	-32.24	≤ -27	PASS
	Ant2	High	5700	-38.3	≤ -27	PASS
11AC40MIMO	Ant1	Low	5190	-29.99	≤ -27	PASS
	Ant2	Low	5190	-31.28	≤ -27	PASS
	Ant1	High	5310	-37.05	≤ -27	PASS
	Ant2	High	5310	-32	≤ -27	PASS
	Ant1	Low	5510	-30.84	≤ -27	PASS
	Ant2	Low	5510	-31.36	≤ -27	PASS
	Ant1	High	5670	-37.51	≤ -27	PASS
	Ant2	High	5670	-38.49	≤ -27	PASS
11AC80MIMO	Ant1	Low	5210	-28.82	≤ -27	PASS
	Ant2	Low	5210	-32.65	≤ -27	PASS
	Ant1	High	5290	-36.76	≤ -27	PASS
	Ant2	High	5290	-35.66	≤ -27	PASS
	Ant1	Low	5530	-31.38	≤ -27	PASS
	Ant2	Low	5530	-32.57	≤ -27	PASS
	Ant1	High	5610	-41.64	≤ -27	PASS
	Ant2	High	5610	-41.64	≤ -27	PASS

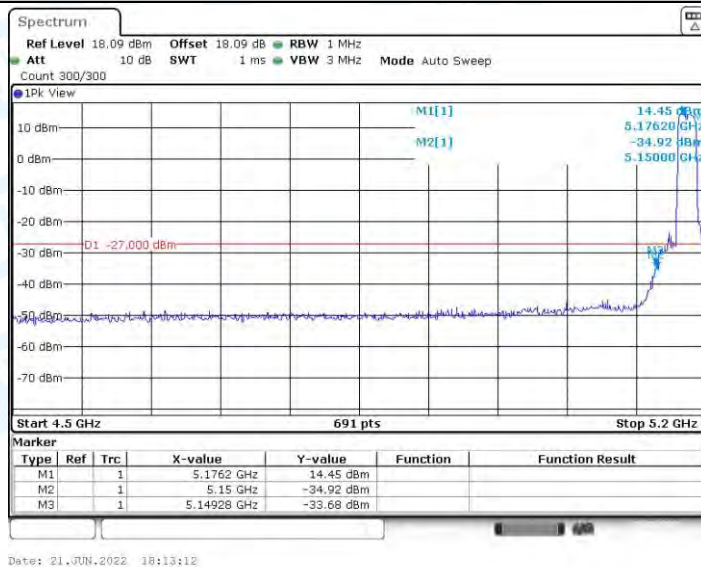
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-34.26	≤8.27	PASS
				5700~5720	-24.91	≤15.60	PASS
				5720~5725	-18.29	≤27.00	PASS
				5760~5650	-48.39	≤-27	PASS
	Ant2	Low	5745	5650~5700	-44.57	≤6.67	PASS
				5700~5720	-27.65	≤15.55	PASS
				5720~5725	-23.29	≤27.00	PASS
				5760~5650	-46.84	≤-27	PASS
	Ant1	High	5825	5850~5855	-28.46	≤15.80	PASS
				5855~5875	-34.34	≤10.05	PASS
				5875~5925	-41.48	≤-8.95	PASS
				5925~5935	-44.74	≤-27	PASS
	Ant2	High	5825	5850~5855	-31.04	≤19.81	PASS
				5855~5875	-36.89	≤10.32	PASS
				5875~5925	-43.19	≤-24.15	PASS
				5925~5935	-45.44	≤-27	PASS
11N20MIMO	Ant1	Low	5745	5650~5700	-44.65	≤5.93	PASS
				5700~5720	-28.63	≤15.46	PASS
				5720~5725	-25.96	≤23.58	PASS
				5760~5650	-47.44	≤-27	PASS
	Ant2	Low	5745	5650~5700	-44.73	≤-10.97	PASS
				5700~5720	-35.2	≤15.51	PASS
				5720~5725	-30.33	≤27.00	PASS
				5760~5650	-48.02	≤-27	PASS
	Ant1	High	5825	5850~5855	-35.54	≤19.37	PASS
				5855~5875	-40.45	≤10.05	PASS
				5875~5925	-44.93	≤-7.21	PASS
				5925~5935	-46.23	≤-27	PASS
	Ant2	High	5825	5850~5855	-37.34	≤16.25	PASS
				5855~5875	-40.29	≤10.05	PASS
				5875~5925	-43.86	≤-23.86	PASS
				5925~5935	-45.35	≤-27	PASS
11N40MIMO	Ant1	Low	5755	5650~5700	-35.01	≤8.25	PASS
				5700~5720	-27.16	≤15.25	PASS
				5720~5725	-27.68	≤21.70	PASS
				5780~5650	-47.29	≤-27	PASS
	Ant2	Low	5755	5650~5700	-35.11	≤8.68	PASS
				5700~5720	-24.61	≤15.58	PASS
				5720~5725	-21.32	≤25.71	PASS
				5780~5650	-46.98	≤-27	PASS
	Ant1	High	5795	5850~5855	-33.9	≤16.39	PASS
				5855~5875	-40.04	≤10.04	PASS
				5875~5925	-41.81	≤-10.74	PASS
				5925~5935	-46.26	≤-27	PASS
	Ant2	High	5795	5850~5855	-27.7	≤19.67	PASS
				5855~5875	-38.9	≤10.37	PASS
				5875~5925	-43.71	≤-4.01	PASS
				5925~5935	-45.22	≤-27	PASS
11AC20MIMO	Ant1	Low	5745	5650~5700	-45.68	≤2.48	PASS
				5700~5720	-34.19	≤15.60	PASS
				5720~5725	-27.23	≤27.00	PASS
				5760~5650	-49.02	≤-27	PASS
	Ant2	Low	5745	5650~5700	-45.21	≤8.64	PASS
				5700~5720	-41.05	≤15.60	PASS
				5720~5725	-35.76	≤27.00	PASS
				5760~5650	-48.35	≤-27	PASS

	Ant1	High	5825	5850~5855	-34.1	≤18.03	PASS
				5855~5875	-40.96	≤10.05	PASS
				5875~5925	-44.47	≤-15.18	PASS
				5925~5935	-47.39	≤-27	PASS
	Ant2	High	5825	5850~5855	-33.86	≤16.25	PASS
				5855~5875	-39.91	≤10.21	PASS
				5875~5925	-43.39	≤-15.47	PASS
				5925~5935	-47.13	≤-27	PASS
11AC40MI MO	Ant1	Low	5755	5650~5700	-34.64	≤9.98	PASS
				5700~5720	-24.65	≤15.20	PASS
				5720~5725	-26.5	≤23.04	PASS
				5780~5650	-47.24	≤-27	PASS
	Ant2	Low	5755	5650~5700	-38.8	≤9.84	PASS
				5700~5720	-31.11	≤14.81	PASS
				5720~5725	-28.35	≤18.57	PASS
				5780~5650	-46.12	≤-27	PASS
	Ant1	High	5795	5850~5855	-39.23	≤15.85	PASS
				5855~5875	-38.61	≤14.46	PASS
				5875~5925	-42.52	≤-24.36	PASS
				5925~5935	-45.51	≤-27	PASS
	Ant2	High	5795	5850~5855	-32.22	≤15.85	PASS
				5855~5875	-39.51	≤10.17	PASS
				5875~5925	-42.74	≤-21.71	PASS
				5925~5935	-45.58	≤-27	PASS
11AC80MI MO	Ant1	Low	5775	5650~5700	-29.36	≤4.04	PASS
				5700~5720	-30.58	≤13.72	PASS
				5720~5725	-30.09	≤23.35	PASS
				5800~5650	-45.71	≤-27	PASS
		High	5775	5850~5855	-30.35	≤16.23	PASS
				5855~5875	-26.13	≤14.08	PASS
				5875~5925	-30.88	≤-26.84	PASS
				5925~5935	-39.17	≤-27	PASS
	Ant2	Low	5775	5650~5700	-24.41	≤-2.61	PASS
				5700~5720	-26.77	≤12.53	PASS
				5720~5725	-27.39	≤21.30	PASS
				5800~5650	-44.06	≤-27	PASS
		High	5775	5850~5855	-38.66	≤15.62	PASS
				5855~5875	-37.23	≤14.08	PASS
				5875~5925	-38.77	≤-19.50	PASS
				5925~5935	-46.09	≤-27	PASS

6.2. Test Graphs



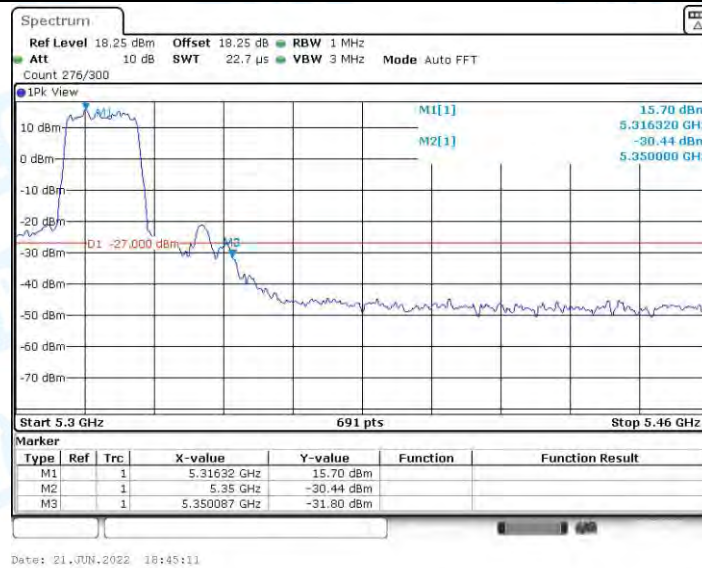
11A_Ant1_Low_5180



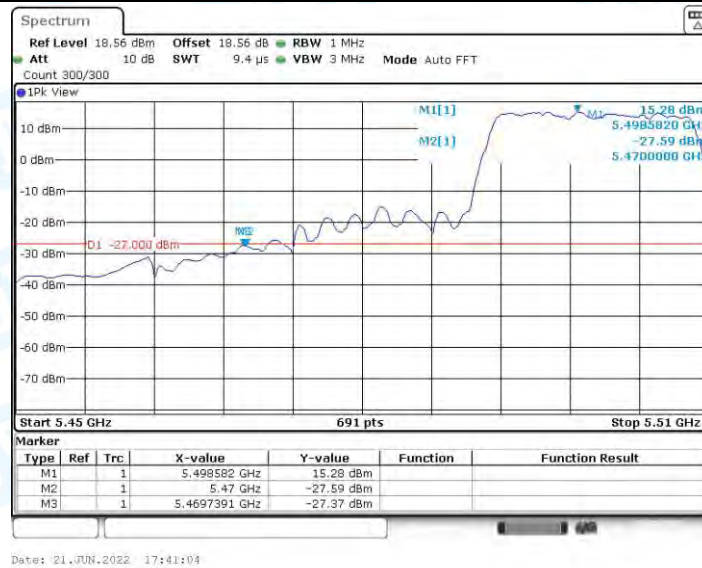
11A_Ant2_Low_5180



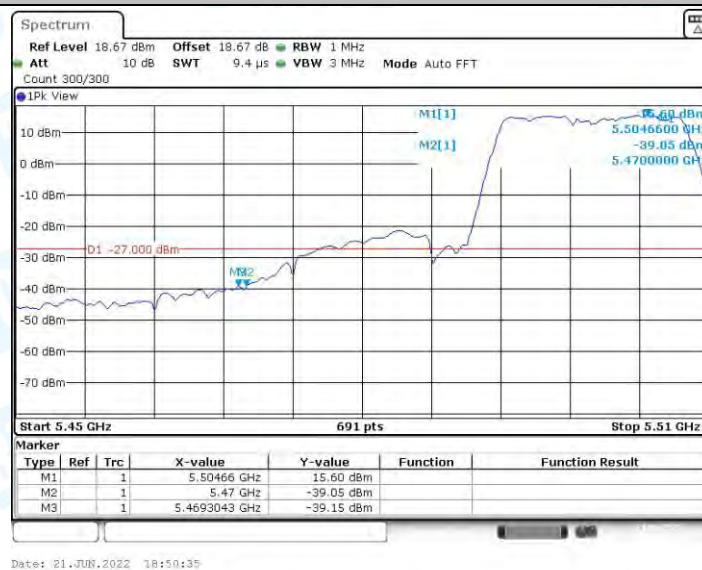
11A_Ant1_High_5320



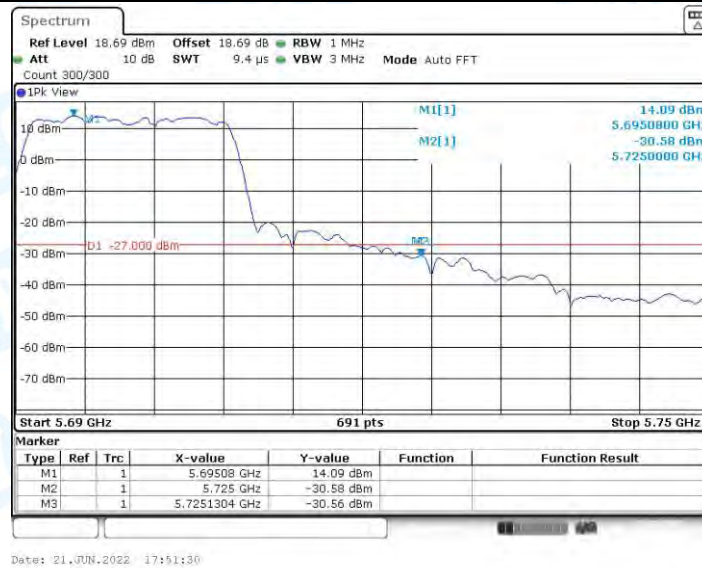
11A_Ant2_High_5320



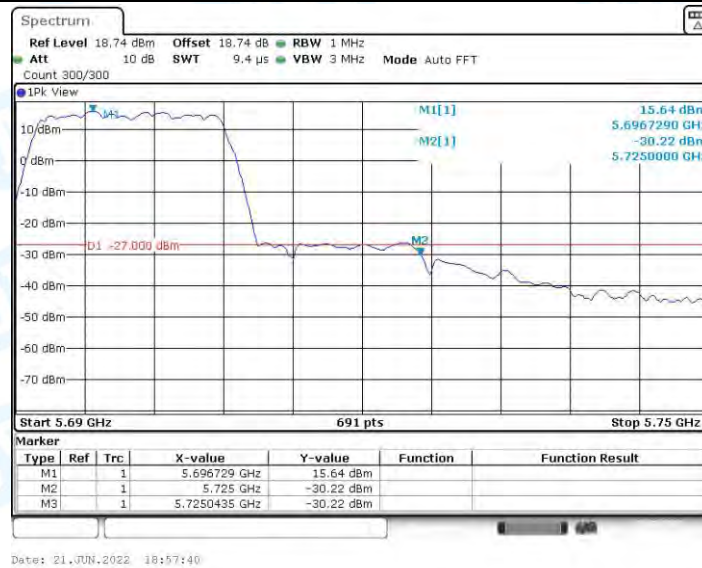
11A_Ant1_Low_5500



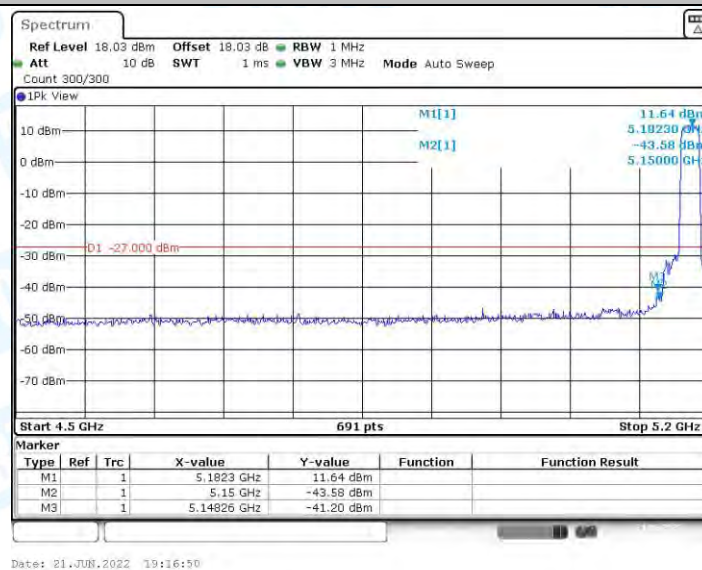
11A_Ant2_Low_5500



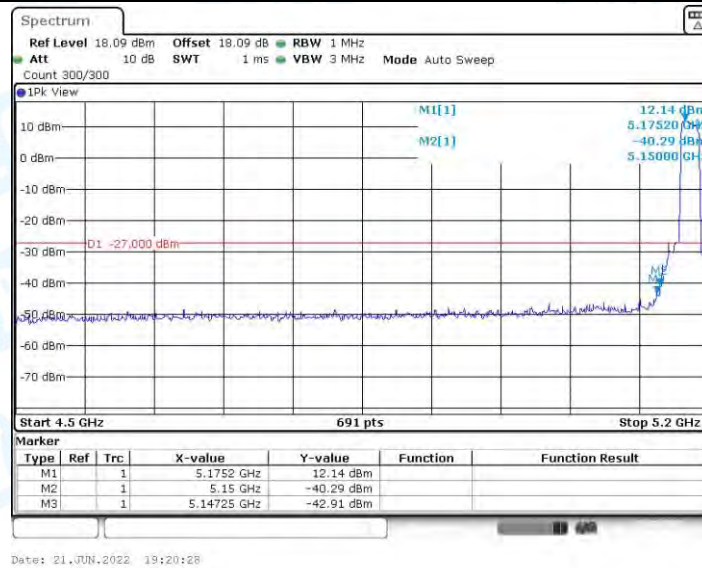
11A_Ant1_High_5700



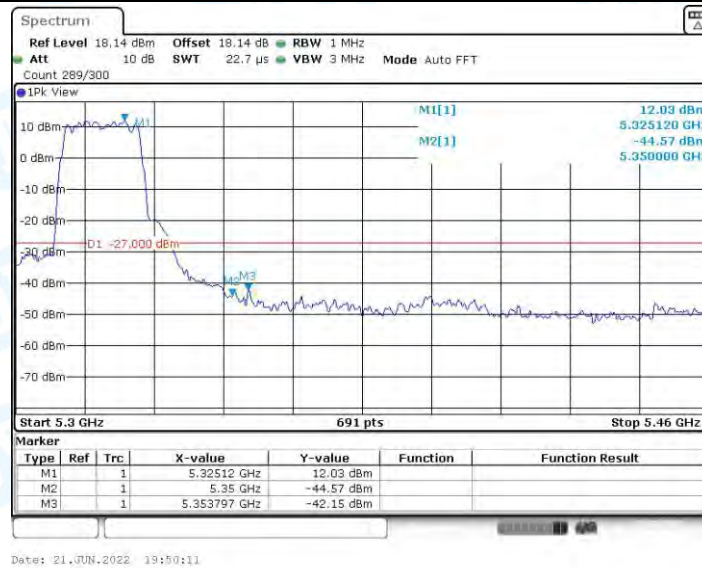
11A_Ant2_High_5700



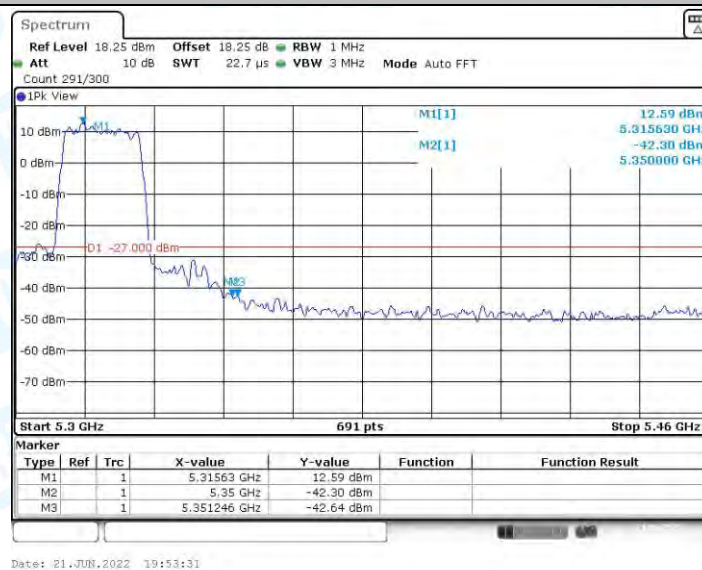
11N20MIMO_Ant1_Low_5180



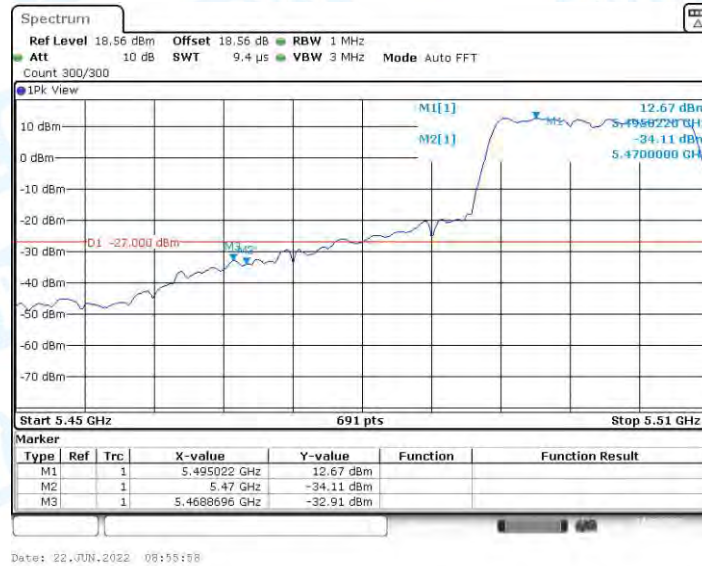
11N20MIMO_Ant2_Low_5180



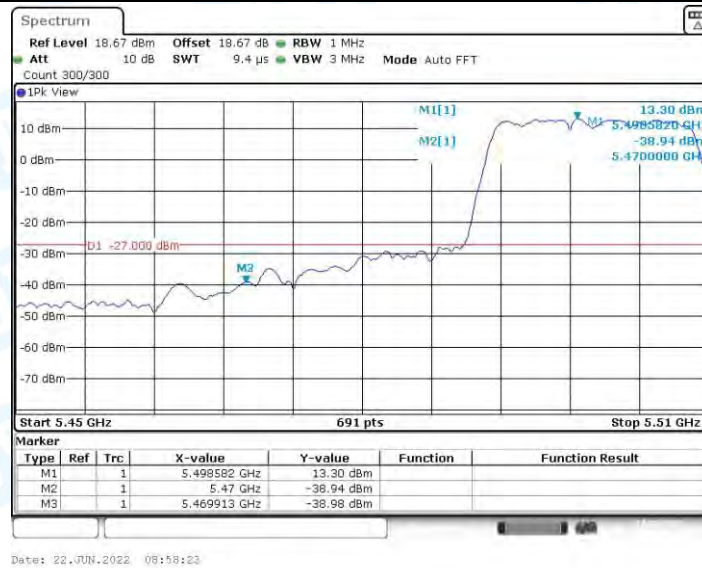
11N20MIMO_Ant1_High_5320



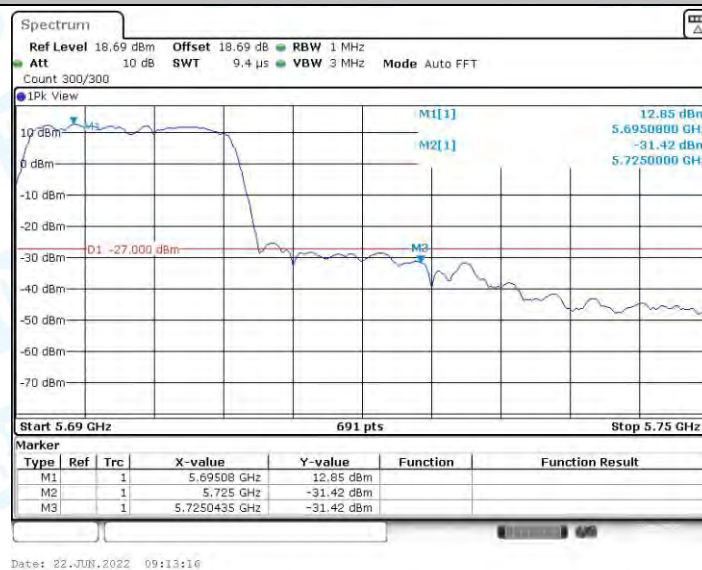
11N20MIMO_Ant2_High_5320



11N20MIMO_Ant1_Low_5500



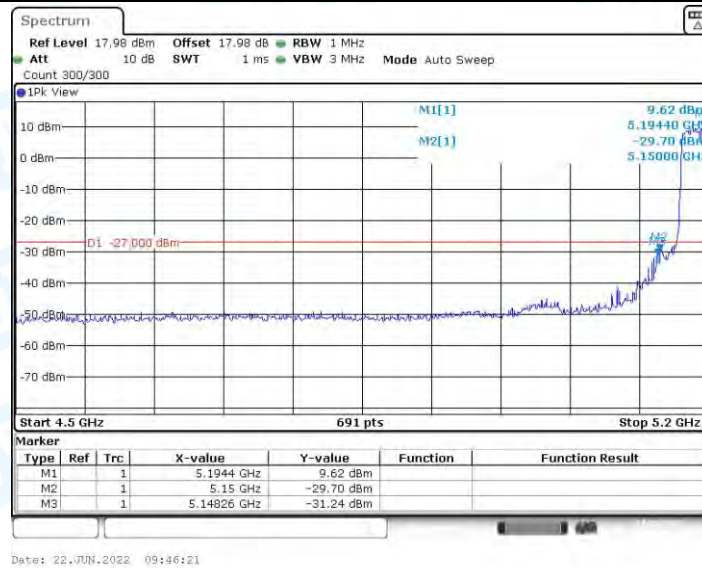
11N20MIMO_Ant2_Low_5500



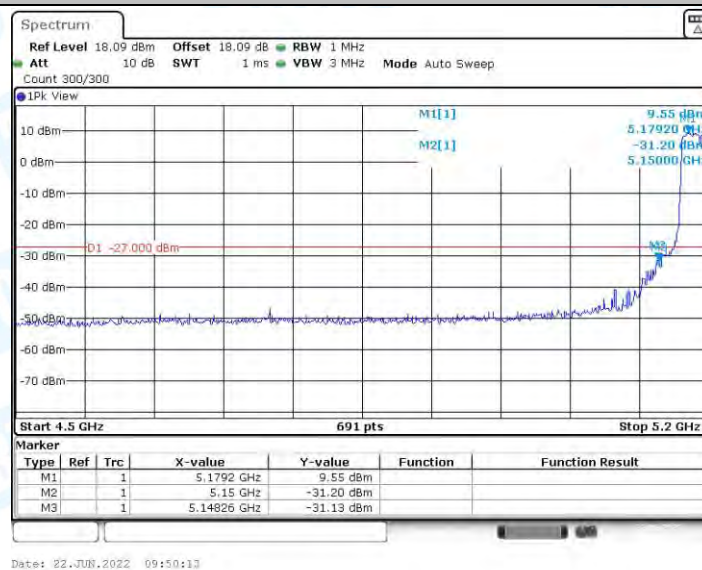
11N20MIMO_Ant1_High_5700



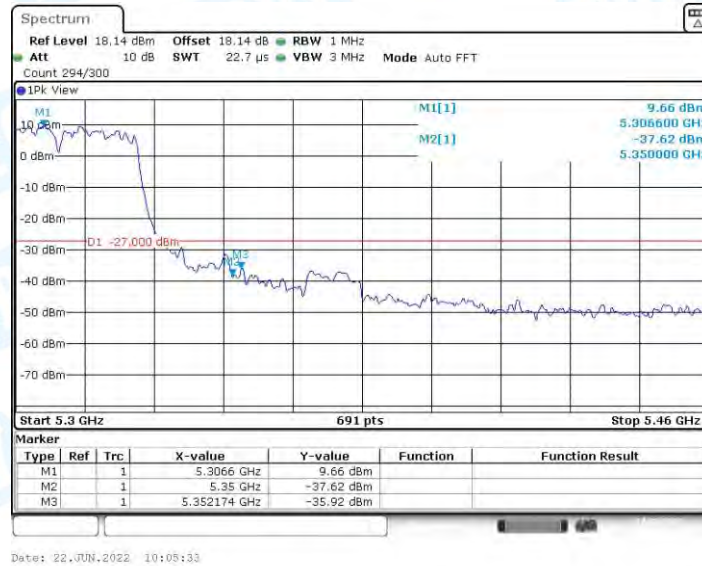
11N20MIMO_Ant2_High_5700



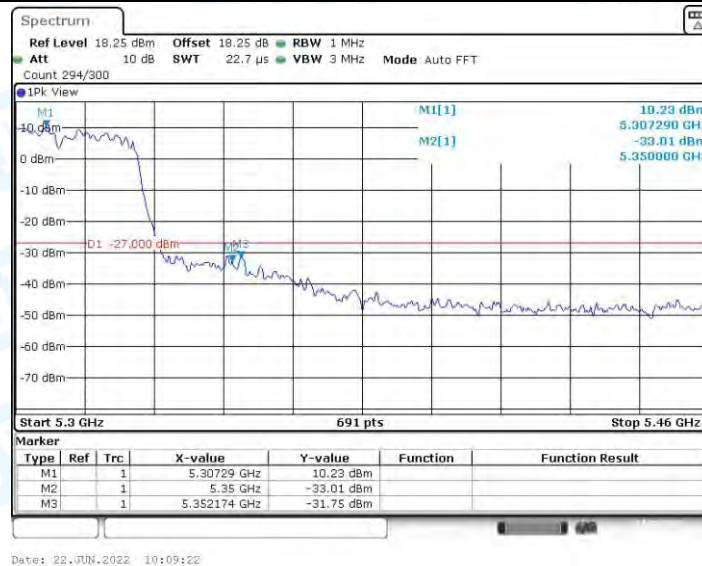
11N40MIMO_Ant1_Low_5190



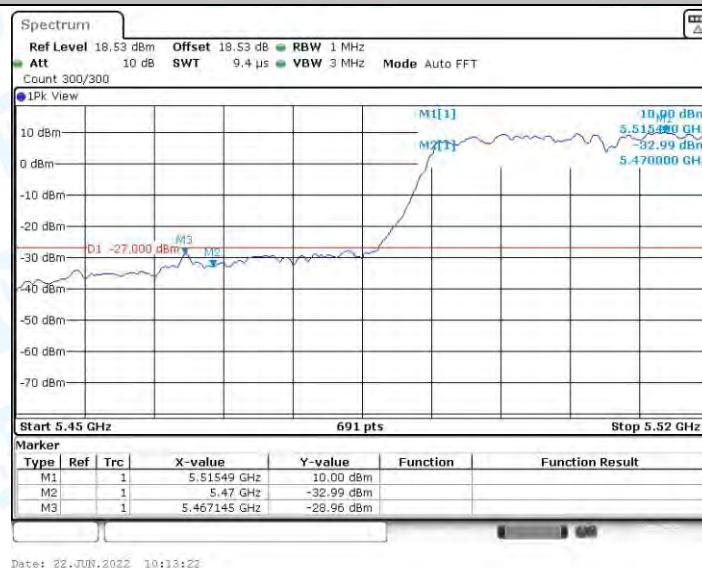
11N40MIMO_Ant2_Low_5190



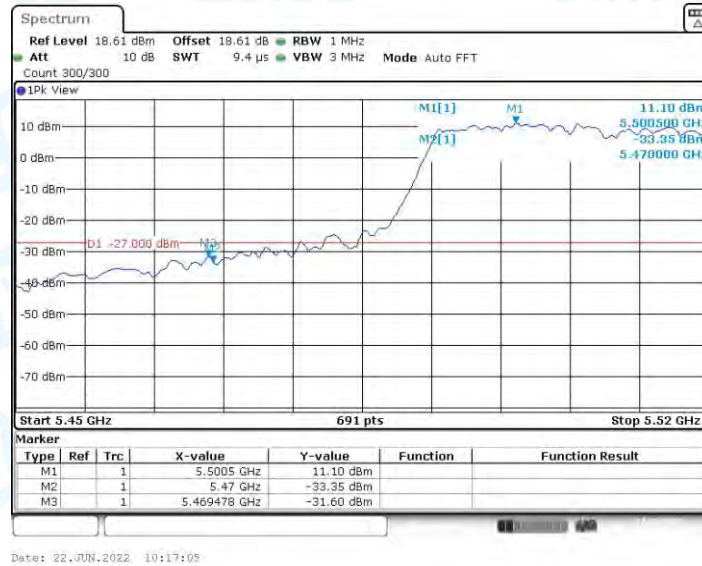
11N40MIMO_Ant1_High_5310



11N40MIMO_Ant2_High_5310



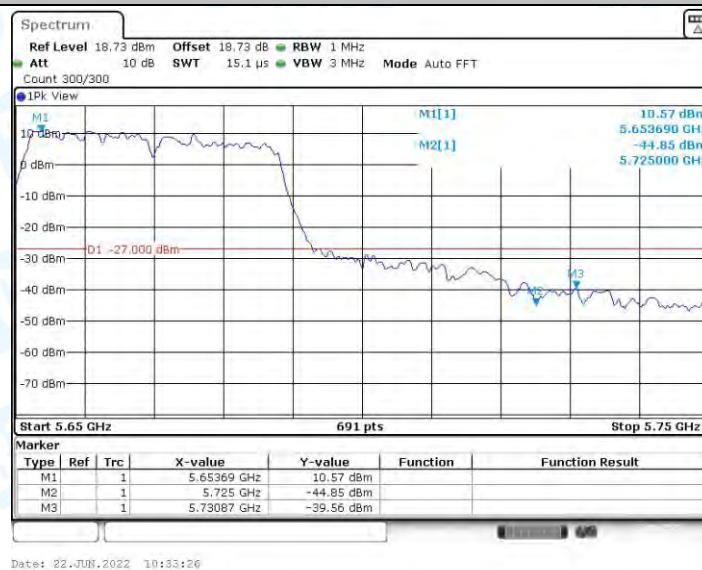
11N40MIMO_Ant1_Low_5510



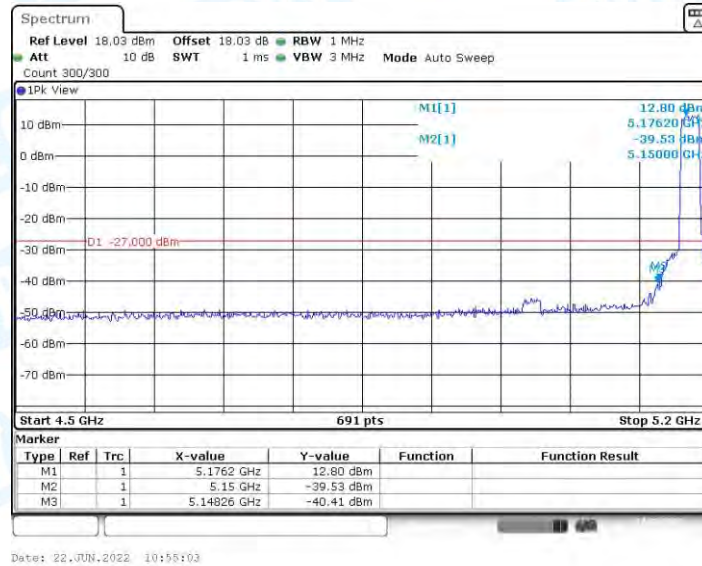
11N40MIMO_Ant2_Low_5510



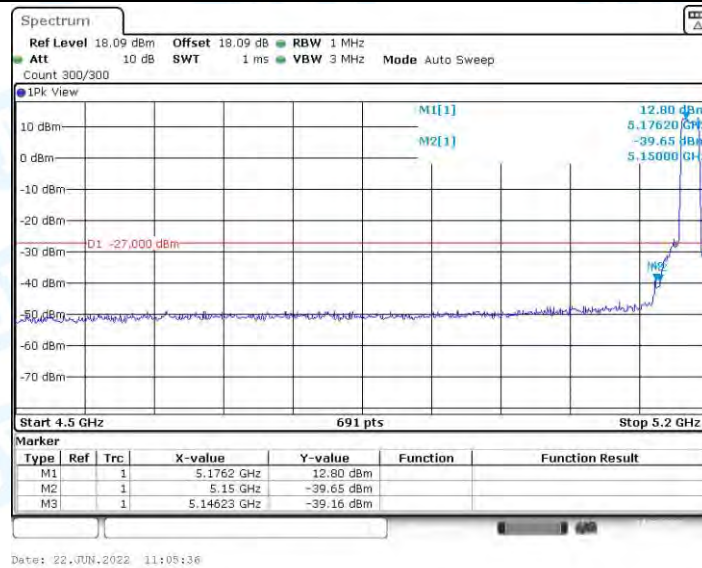
11N40MIMO_Ant1_High_5670



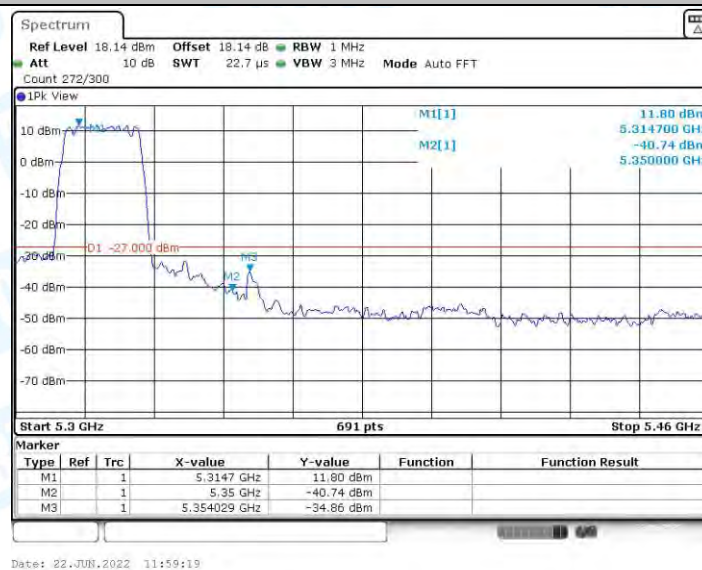
11N40MIMO_Ant2_High_5670



11AC20MIMO_Ant1_Low_5180



11AC20MIMO_Ant2_Low_5180



11AC20MIMO_Ant1_High_5320