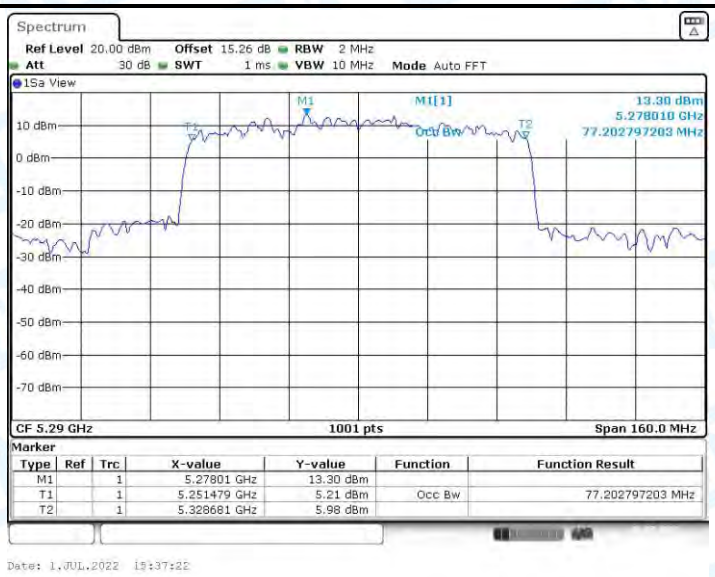
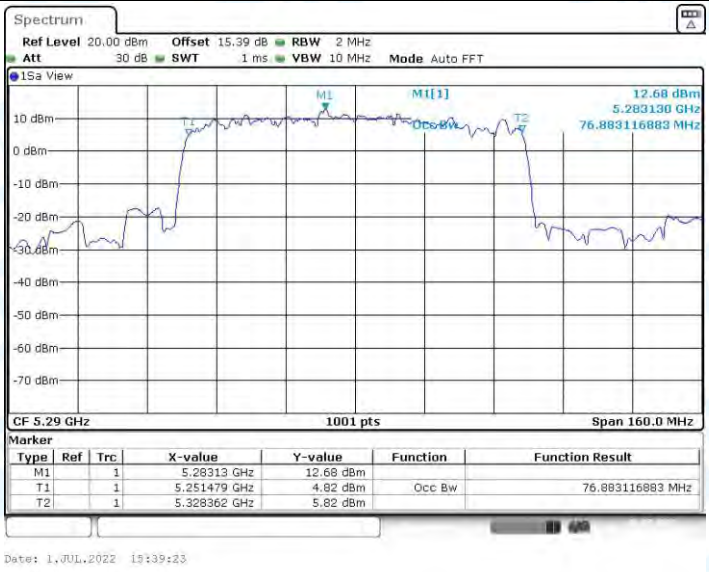
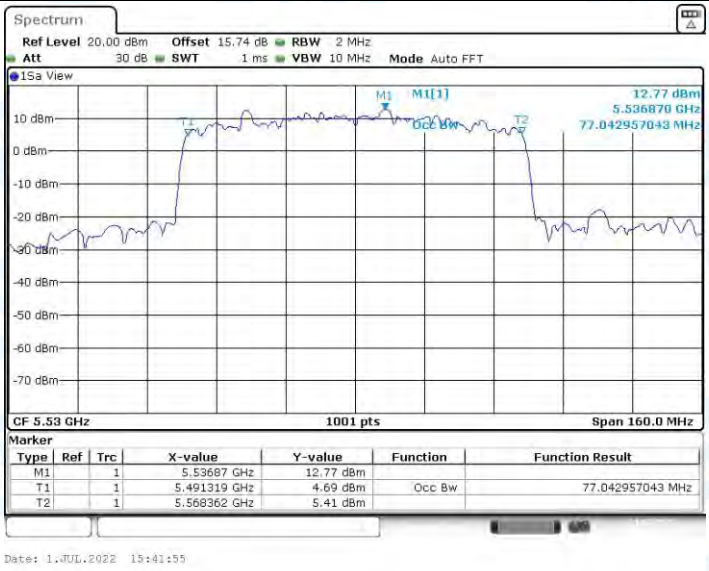


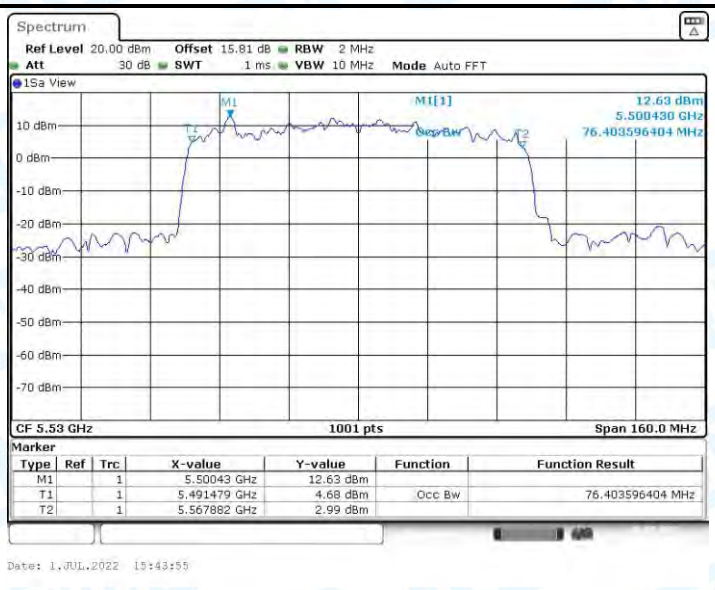
11AX80MIMO_Ant1_5290



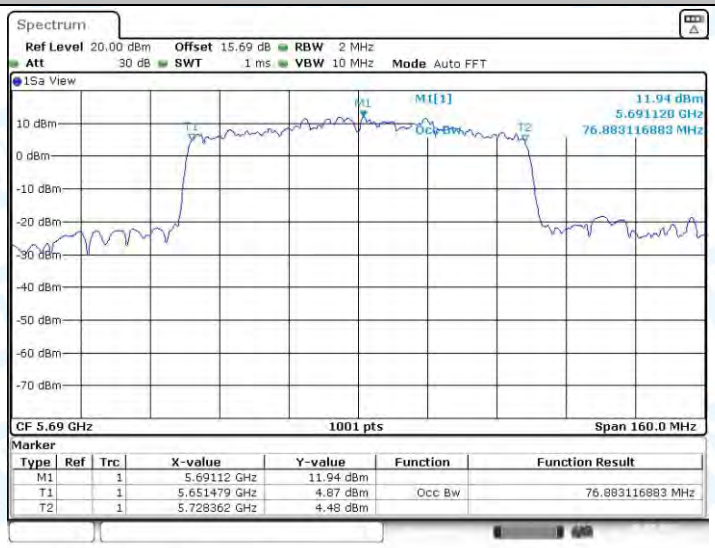
11AX80MIMO_Ant2_5290



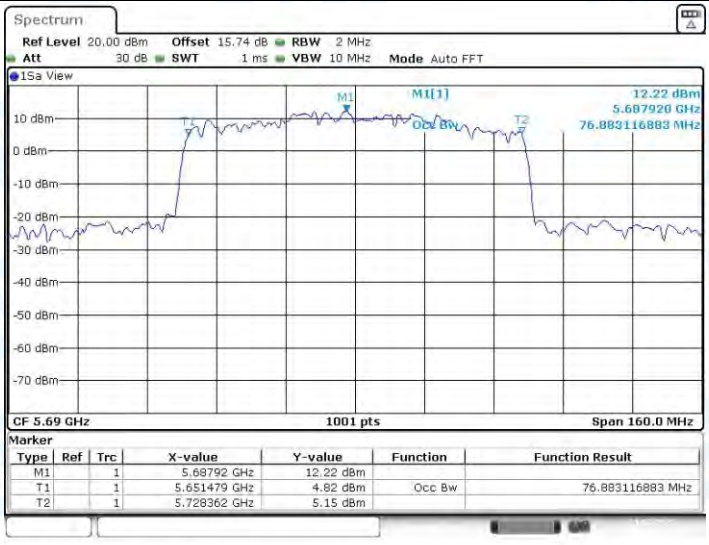
11AX80MIMO_Ant1_5530



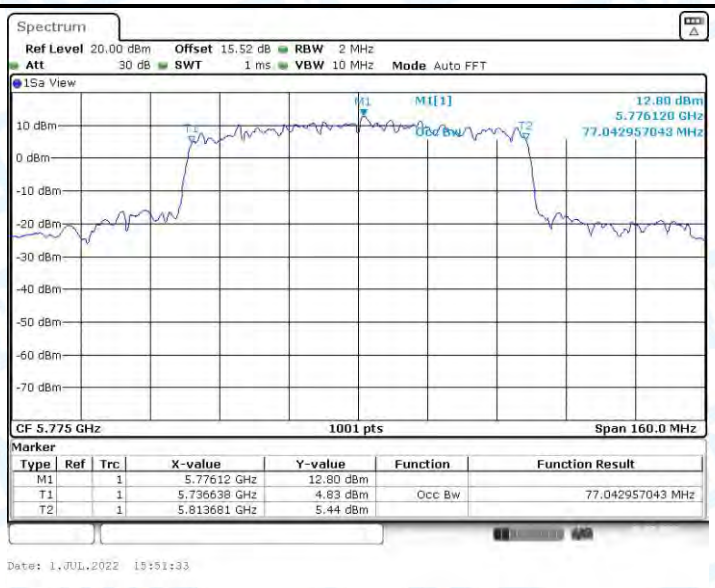
11AX80MIMO_Ant2_5530



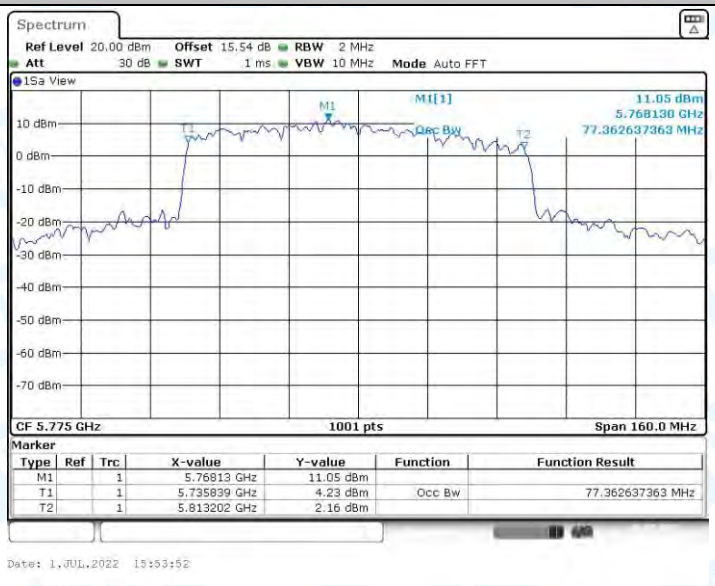
11AX80MIMO_Ant1_5690



11AX80MIMO_Ant2_5690



11AX80MIMO_Ant1_5775



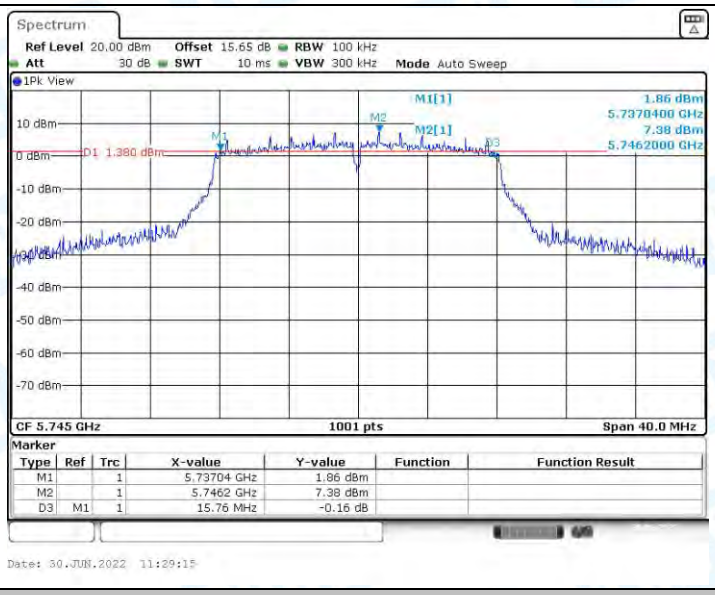
11AX80MIMO_Ant2_5775

3. Min emission bandwidth

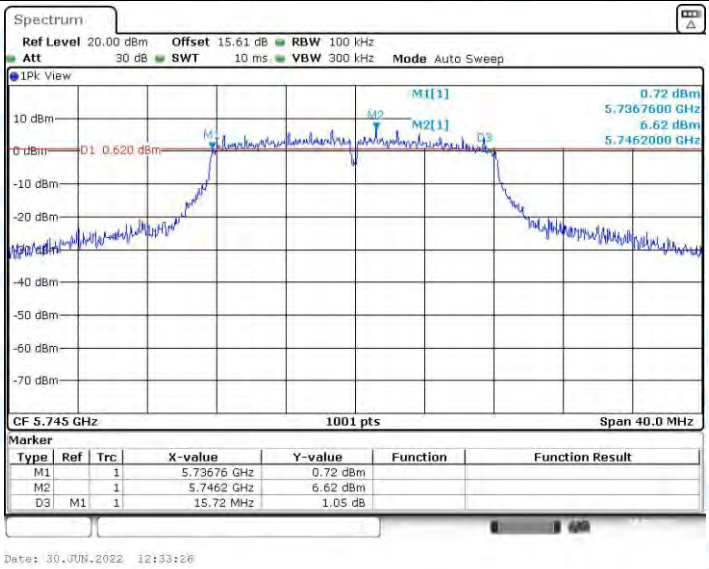
3.1.Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.76	5737.04	5752.80	0.5	PASS
	Ant2	5745	15.72	5736.76	5752.48	0.5	PASS
	Ant1	5785	15.52	5777.16	5792.68	0.5	PASS
	Ant2	5785	15.68	5777.00	5792.68	0.5	PASS
	Ant1	5825	15.28	5817.36	5832.64	0.5	PASS
	Ant2	5825	15.32	5817.36	5832.68	0.5	PASS
11N20MIMO	Ant1	5745	15.92	5737.16	5753.08	0.5	PASS
	Ant2	5745	15.92	5737.36	5753.28	0.5	PASS
	Ant1	5785	15.32	5777.36	5792.68	0.5	PASS
	Ant2	5785	16.96	5776.12	5793.08	0.5	PASS
	Ant1	5825	15.64	5817.16	5832.80	0.5	PASS
	Ant2	5825	17.52	5816.16	5833.68	0.5	PASS
11N40MIMO	Ant1	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant2	5755	31.36	5739.88	5771.24	0.5	PASS
	Ant1	5795	35.04	5777.40	5812.44	0.5	PASS
	Ant2	5795	32.56	5777.40	5809.96	0.5	PASS
11AC20MIMO	Ant1	5745	16.40	5737.04	5753.44	0.5	PASS
	Ant2	5745	16.08	5737.36	5753.44	0.5	PASS
	Ant1	5785	16.12	5776.36	5792.48	0.5	PASS
	Ant2	5785	16.92	5776.12	5793.04	0.5	PASS
	Ant1	5825	15.12	5817.36	5832.48	0.5	PASS
	Ant2	5825	17.56	5816.12	5833.68	0.5	PASS
11AC40MIMO	Ant1	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant2	5755	31.36	5739.88	5771.24	0.5	PASS
	Ant1	5795	35.04	5777.40	5812.44	0.5	PASS
	Ant2	5795	35.12	5777.32	5812.44	0.5	PASS
11AC80MIMO	Ant1	5775	75.04	5737.40	5812.44	0.5	PASS
	Ant2	5775	62.56	5737.40	5799.96	0.5	PASS
11AX20MIMO	Ant1	5745	18.84	5735.48	5754.32	0.5	PASS
	Ant2	5745	18.68	5735.40	5754.08	0.5	PASS
	Ant1	5785	18.76	5775.48	5794.24	0.5	PASS
	Ant2	5785	18.56	5775.40	5793.96	0.5	PASS
	Ant1	5825	18.68	5815.64	5834.32	0.5	PASS
	Ant2	5825	18.88	5815.48	5834.36	0.5	PASS
11AX40MIMO	Ant1	5755	35.20	5737.32	5772.52	0.5	PASS
	Ant2	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant1	5795	36.08	5777.32	5813.40	0.5	PASS
	Ant2	5795	36.40	5776.04	5812.44	0.5	PASS
11AX80MIMO	Ant1	5775	75.04	5737.40	5812.44	0.5	PASS
	Ant2	5775	62.56	5737.40	5799.96	0.5	PASS

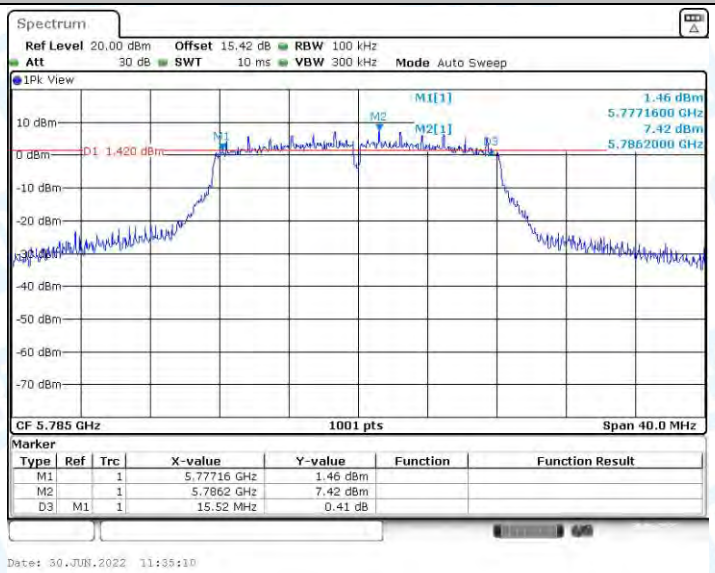
3.2.Test Graphs



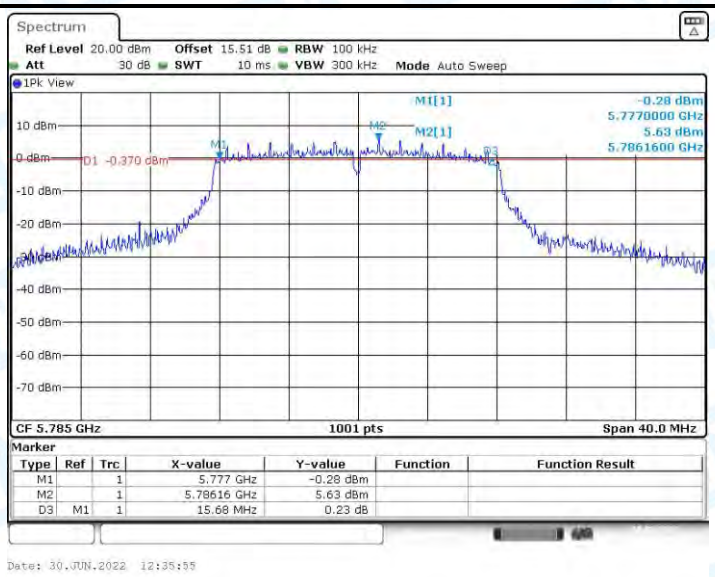
11A_Ant1_5745



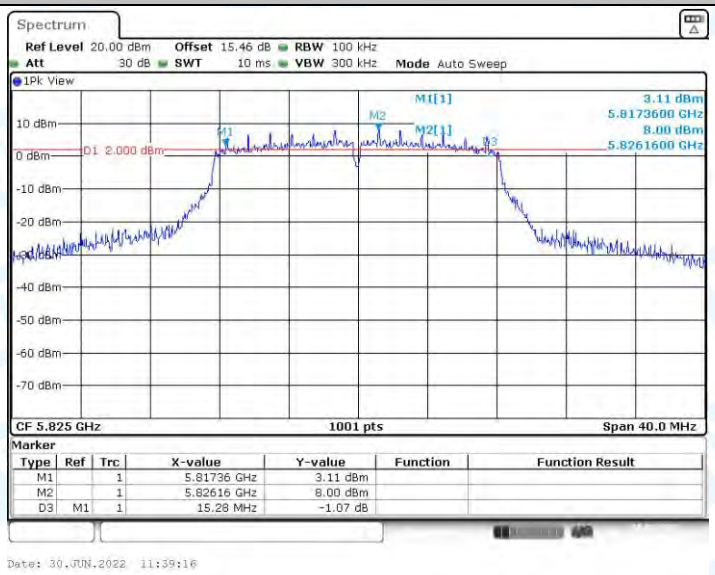
11A_Ant2_5745



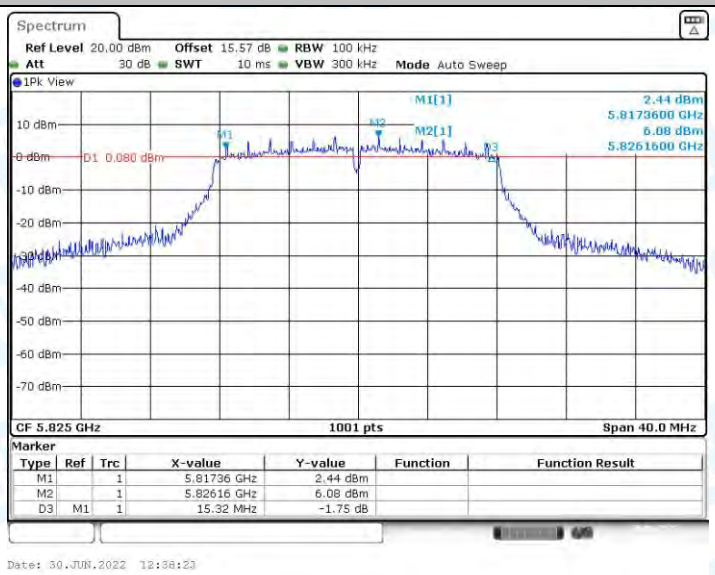
11A_Ant1_5785



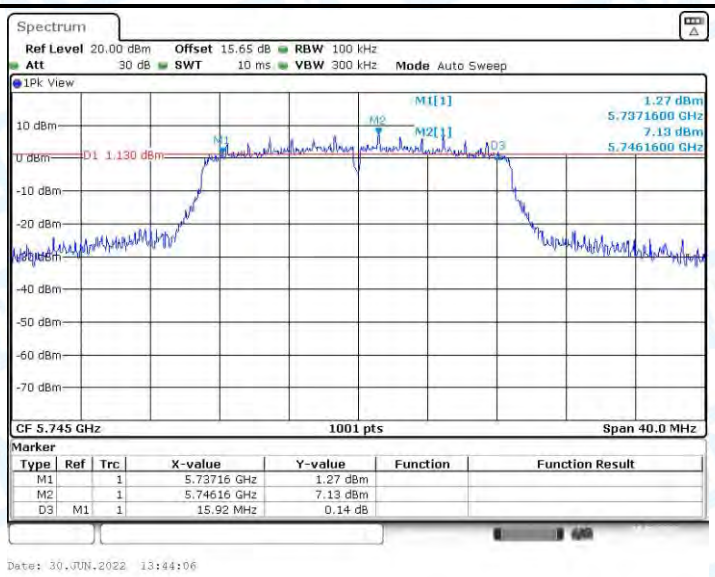
11A_Ant2_5785



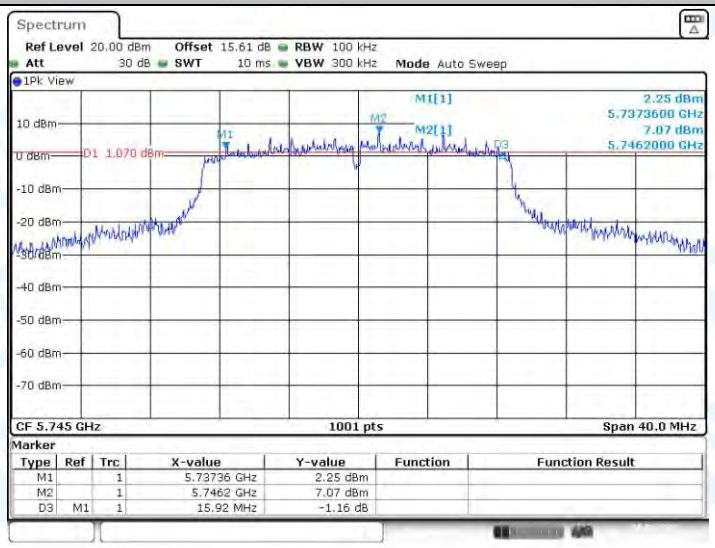
11A_Ant1_5825



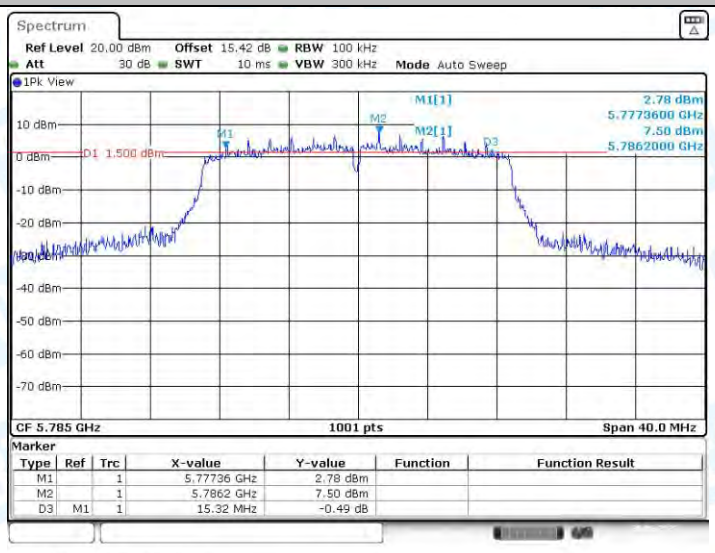
11A_Ant2_5825



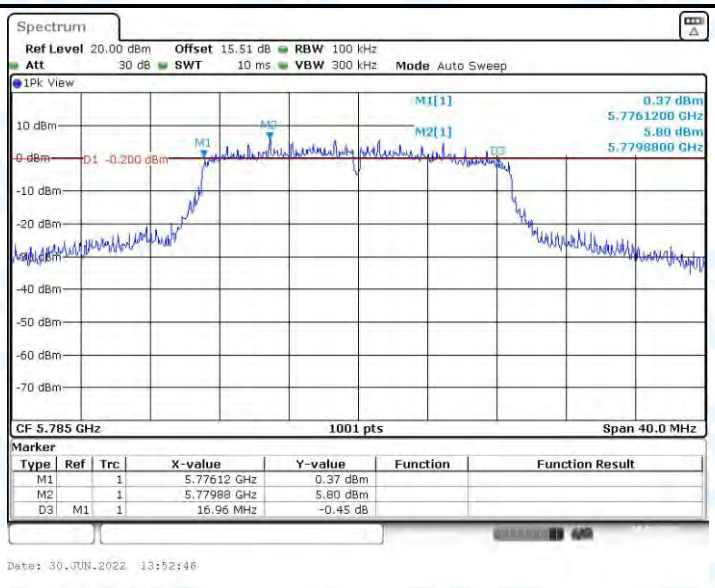
11N20MIMO_Ant1_5745



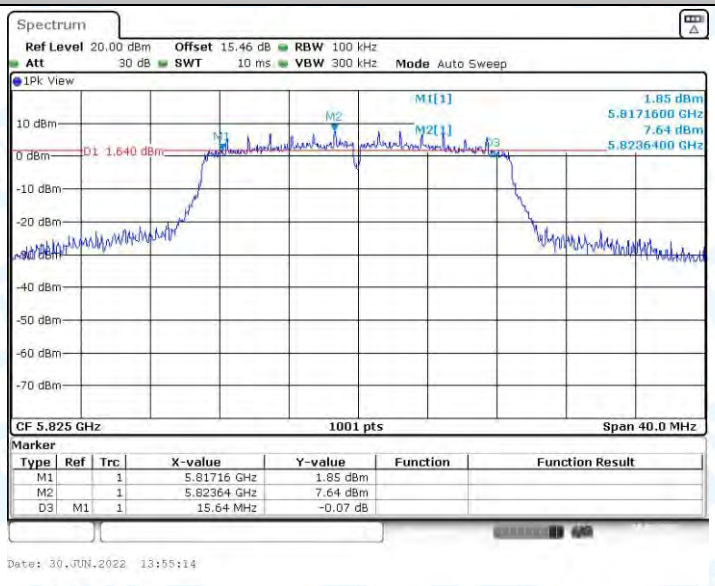
11N20MIMO_Ant2_5745



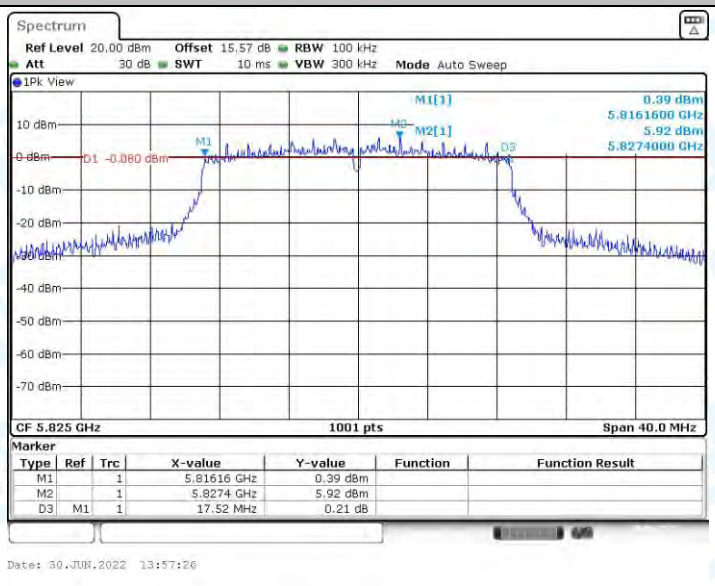
11N20MIMO_Ant1_5785



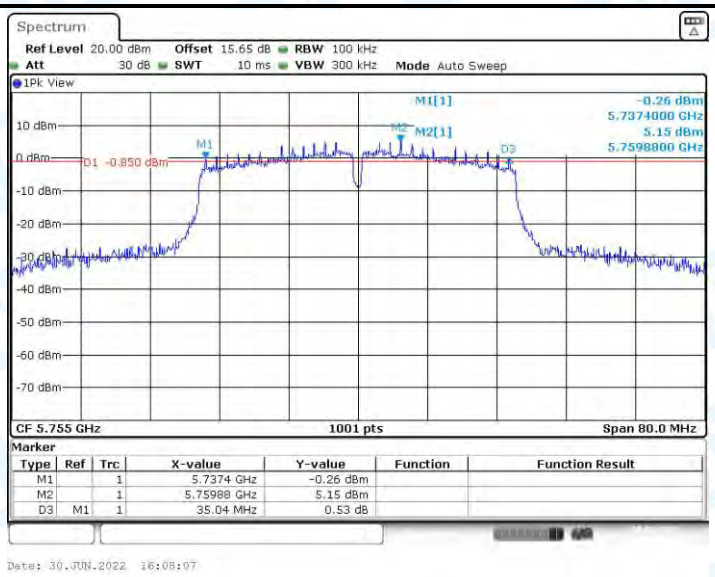
11N20MIMO_Ant2_5785



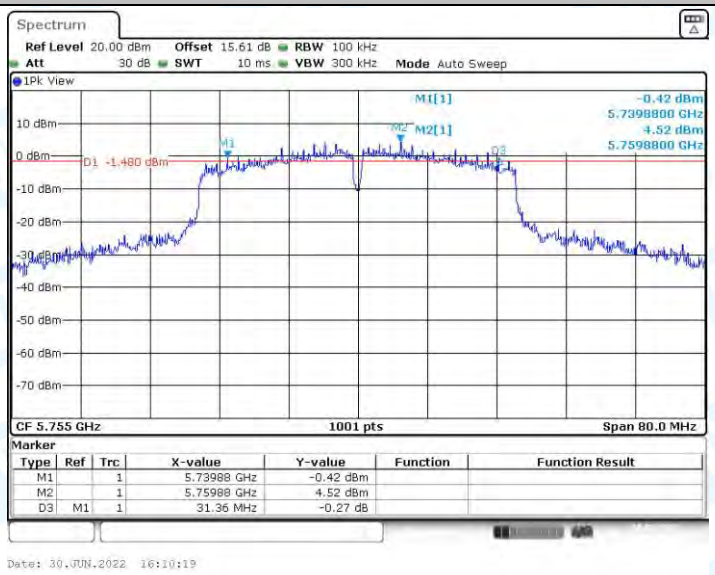
11N20MIMO_Ant1_5825



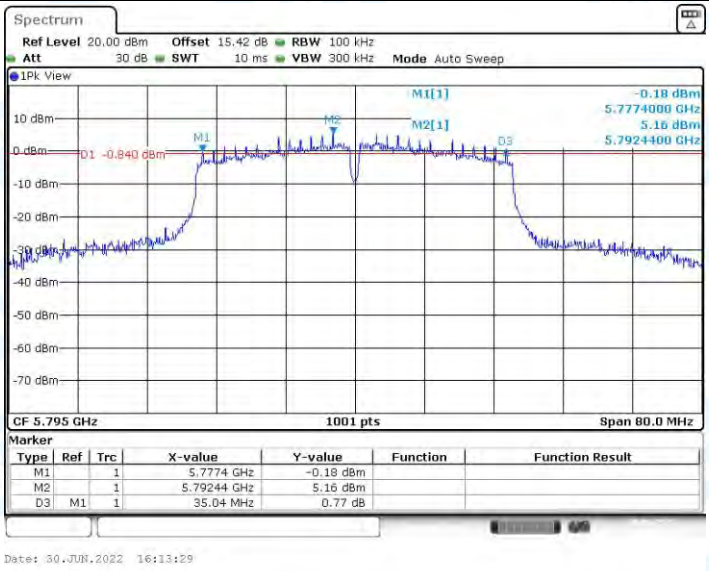
11N20MIMO_Ant2_5825



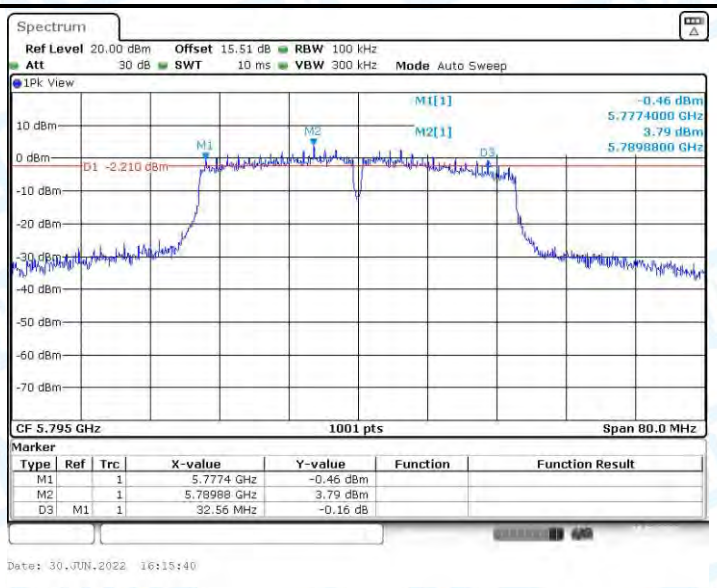
11N40MIMO_Ant1_5755



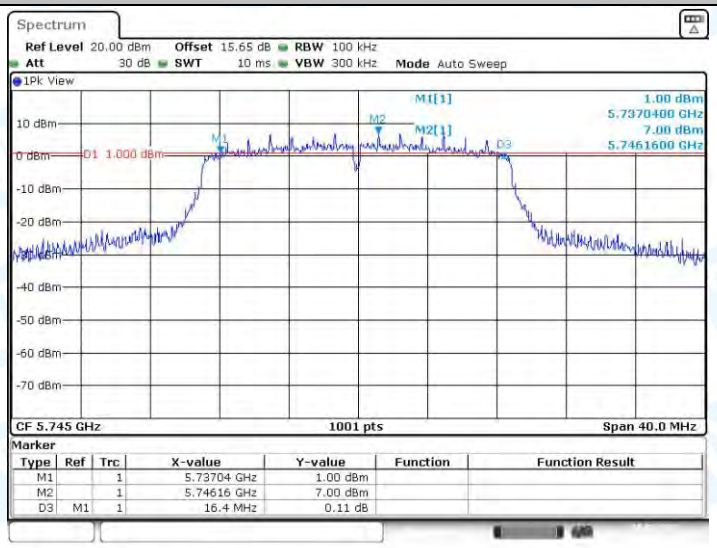
11N40MIMO_Ant2_5755



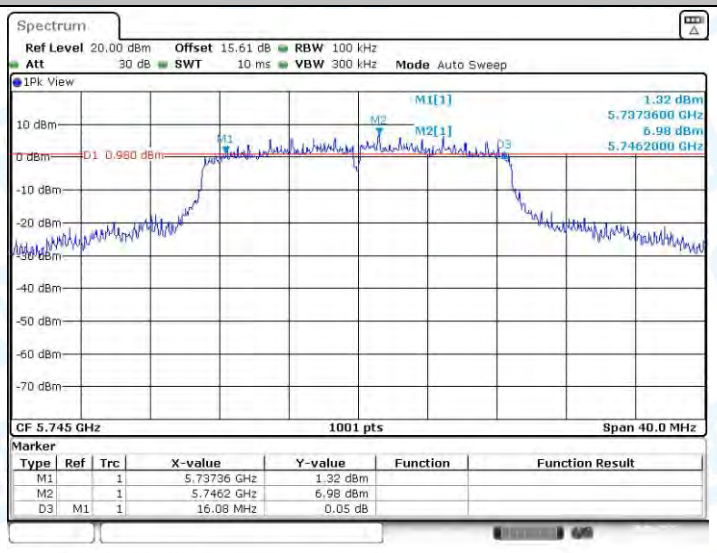
11N40MIMO_Ant1_5795



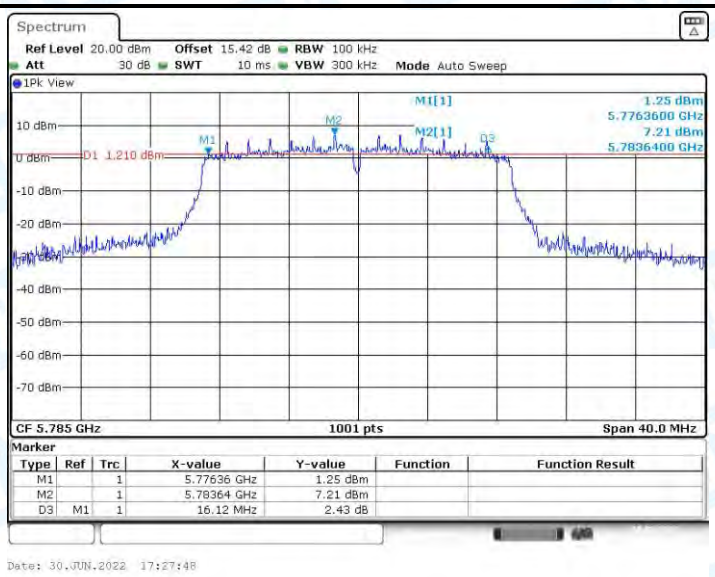
11N40MIMO_Ant2_5795



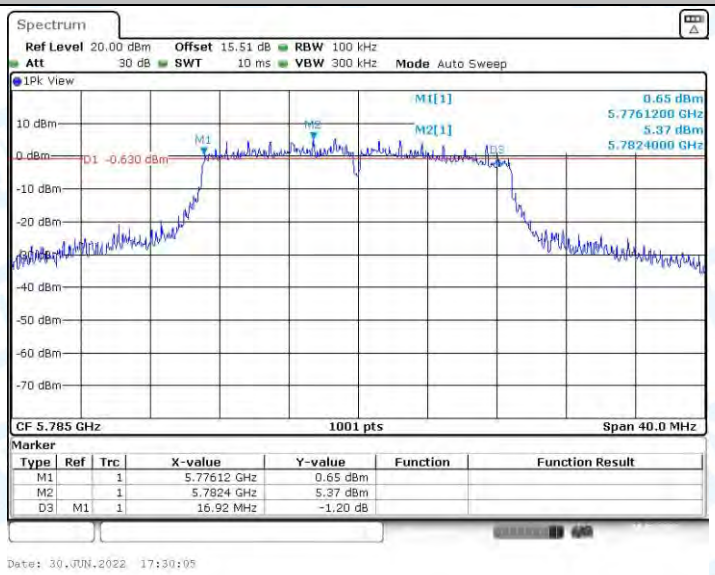
11AC20MIMO_Ant1_5745



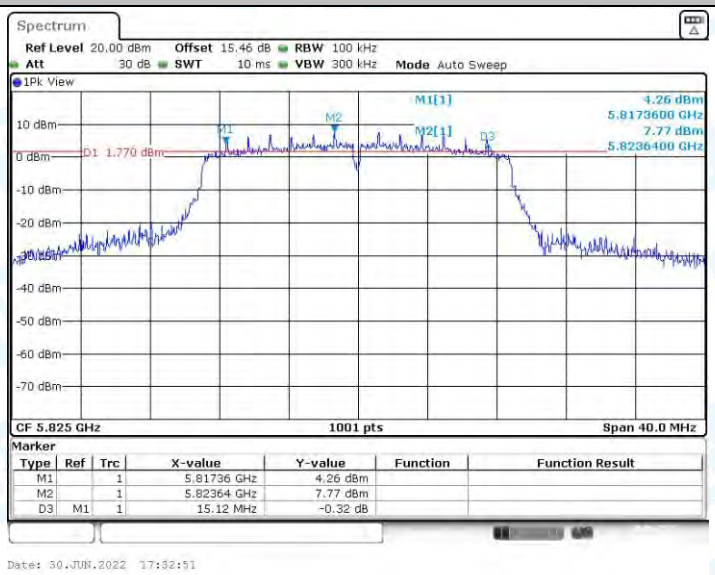
11AC20MIMO_Ant2_5745



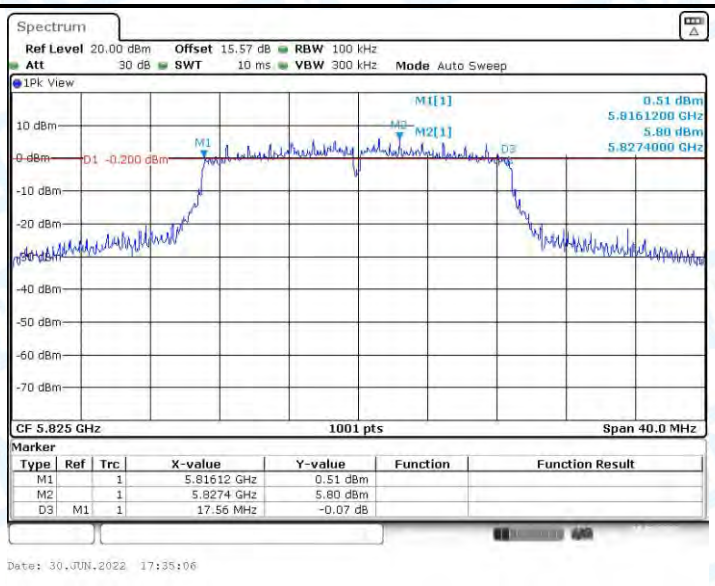
11AC20MIMO_Ant1_5785



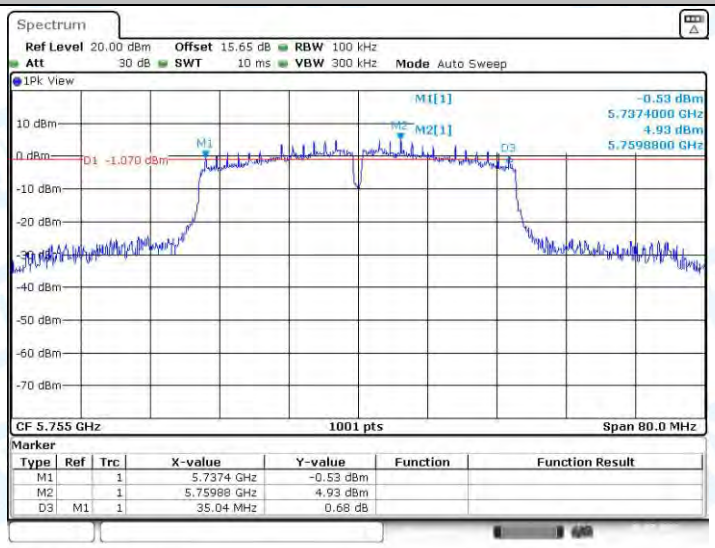
11AC20MIMO_Ant2_5785



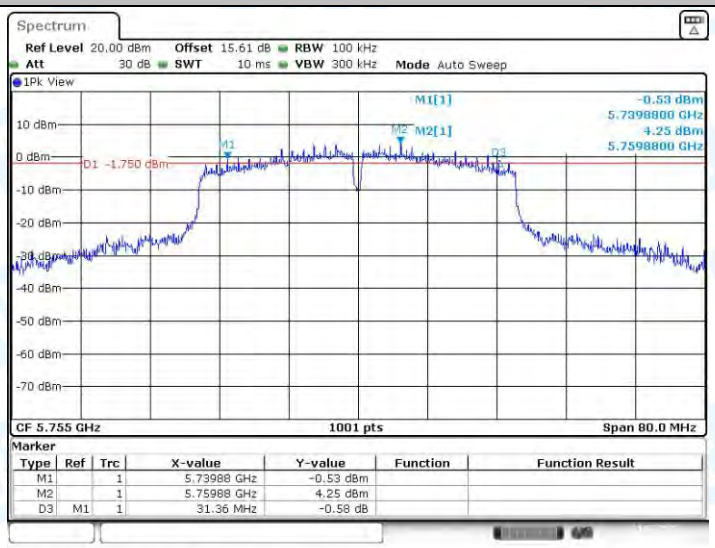
11AC20MIMO_Ant1_5825



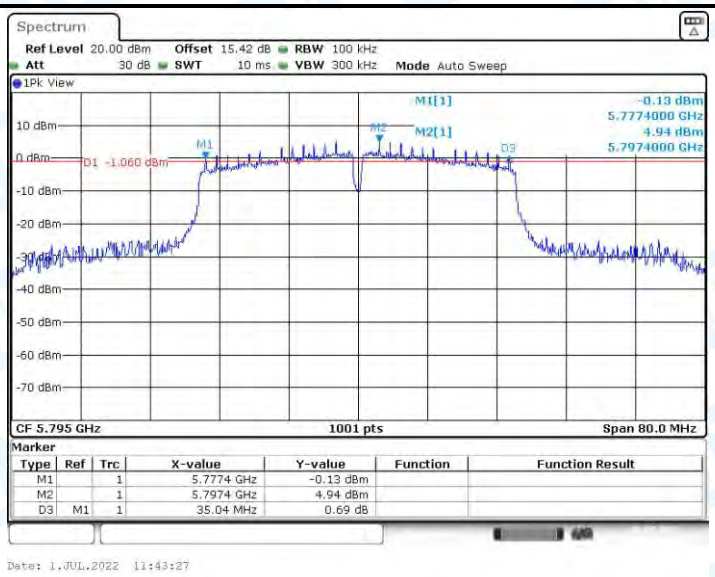
11AC20MIMO_Ant2_5825



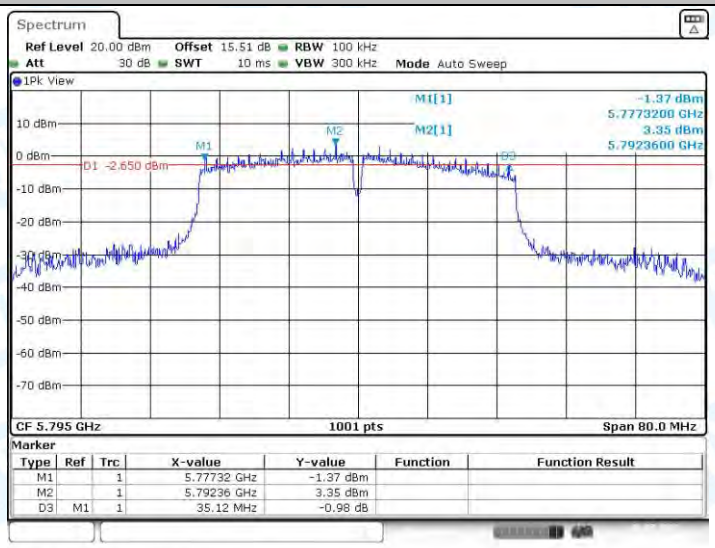
11AC40MIMO_Ant1_5755



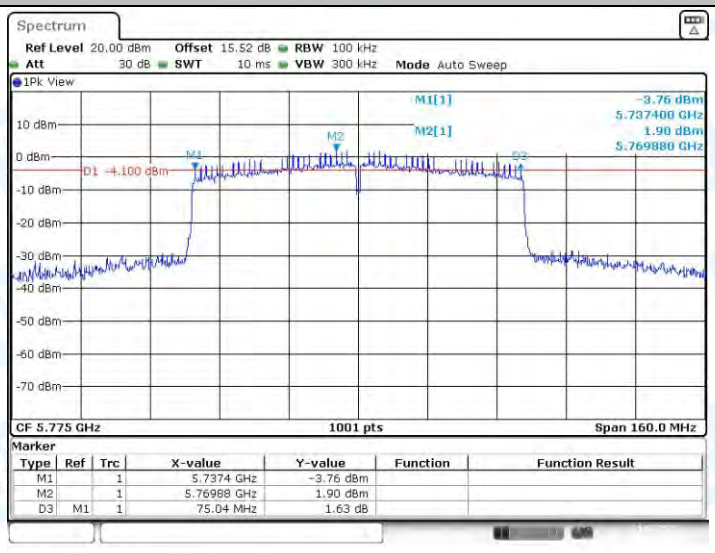
11AC40MIMO_Ant2_5755



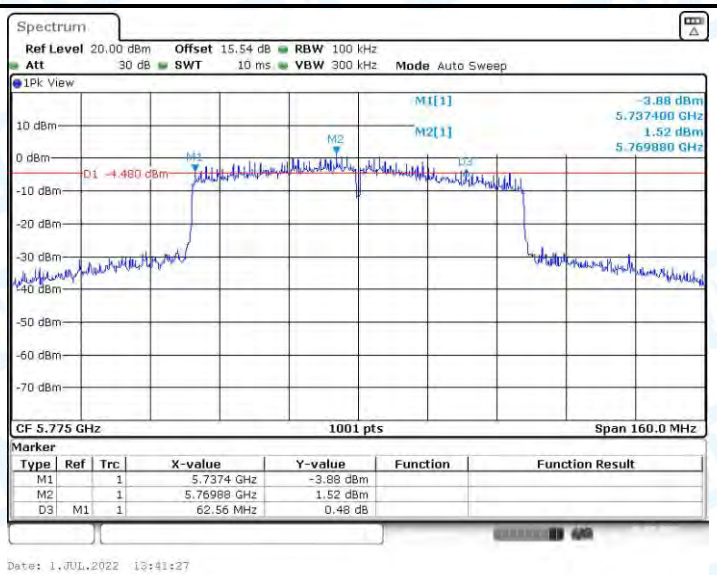
11AC40MIMO_Ant1_5795



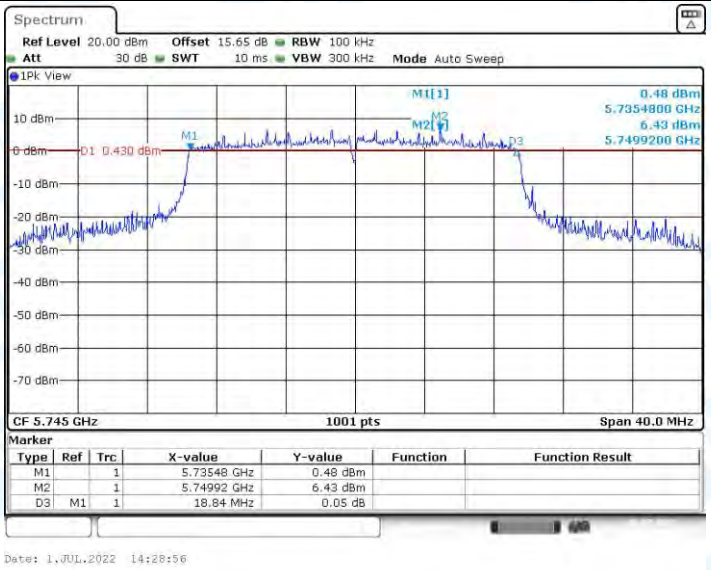
11AC40MIMO_Ant2_5795



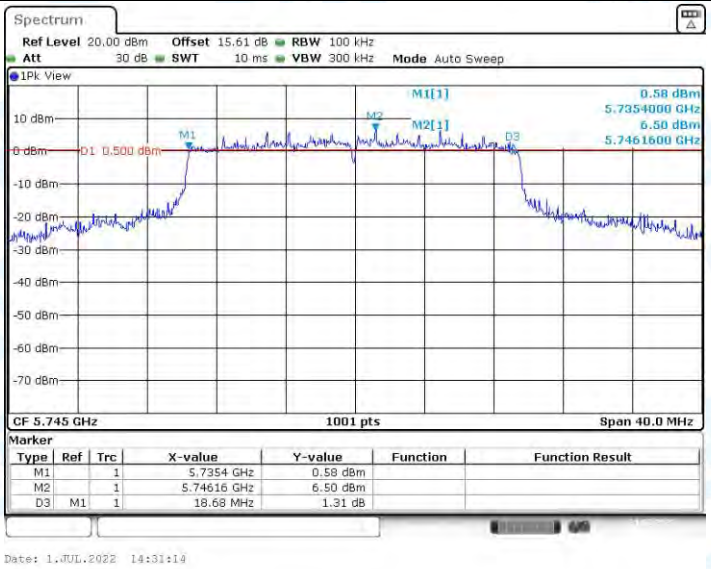
11AC80MIMO_Ant1_5775



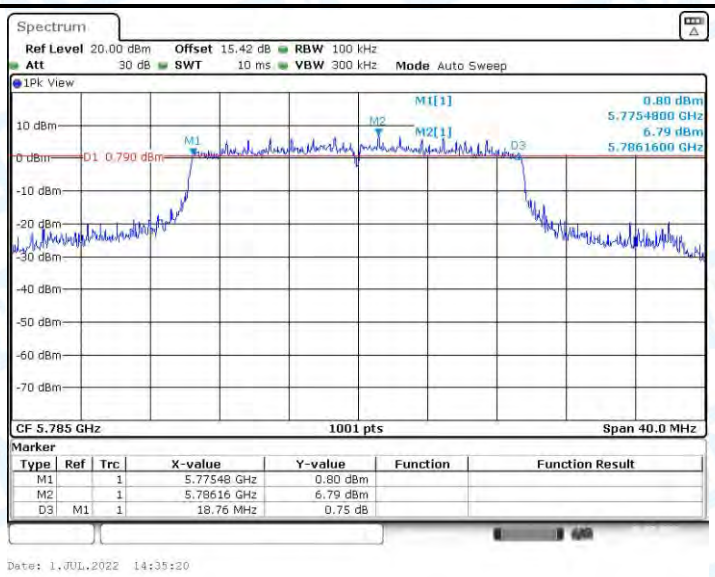
11AC80MIMO_Ant2_5775



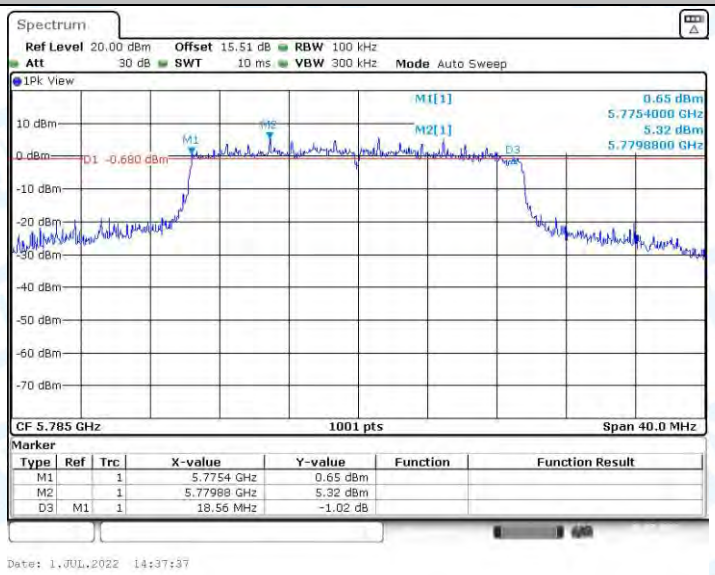
11AX20MIMO_Ant1_5745



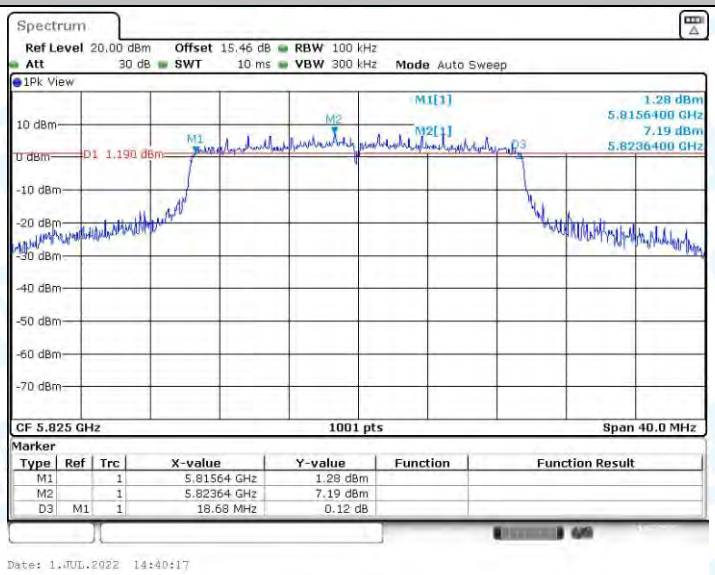
11AX20MIMO_Ant2_5745



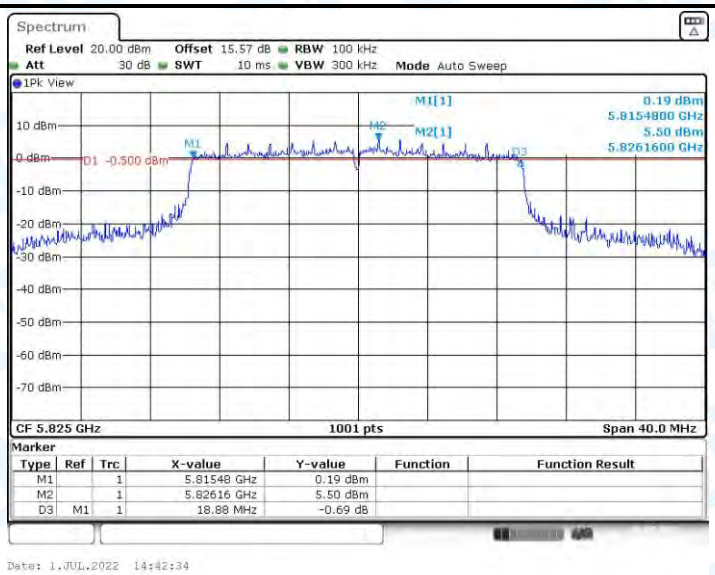
11AX20MIMO_Ant1_5785



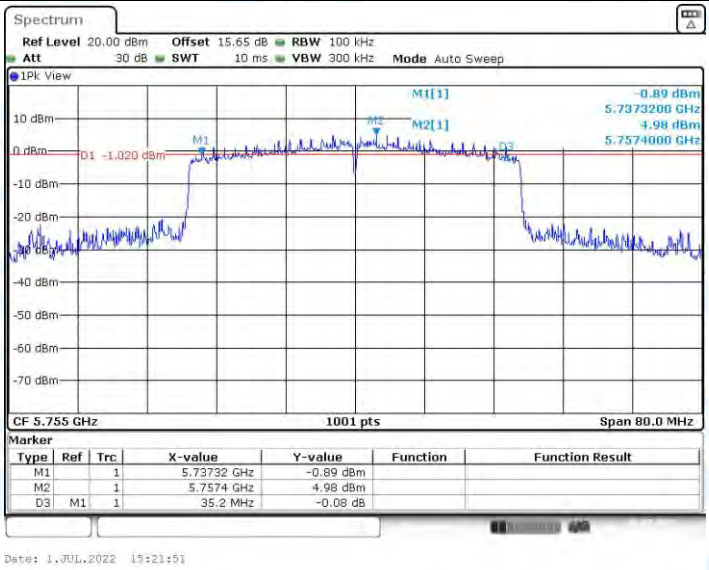
11AX20MIMO_Ant2_5785



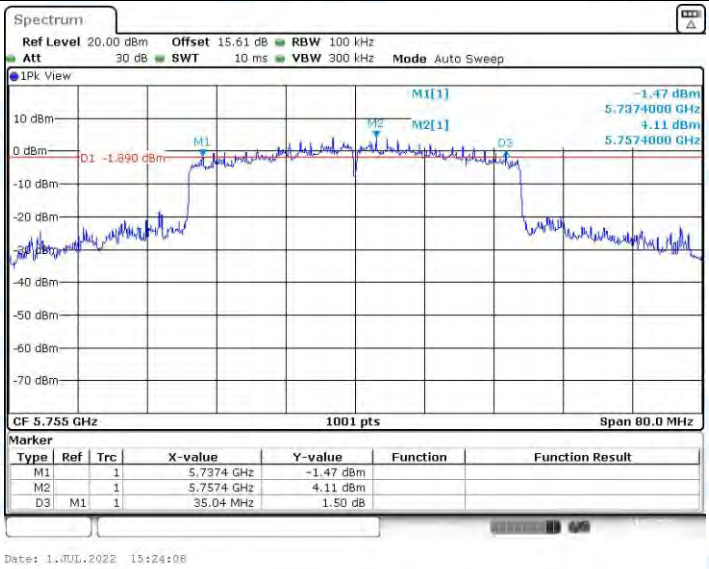
11AX20MIMO_Ant1_5825



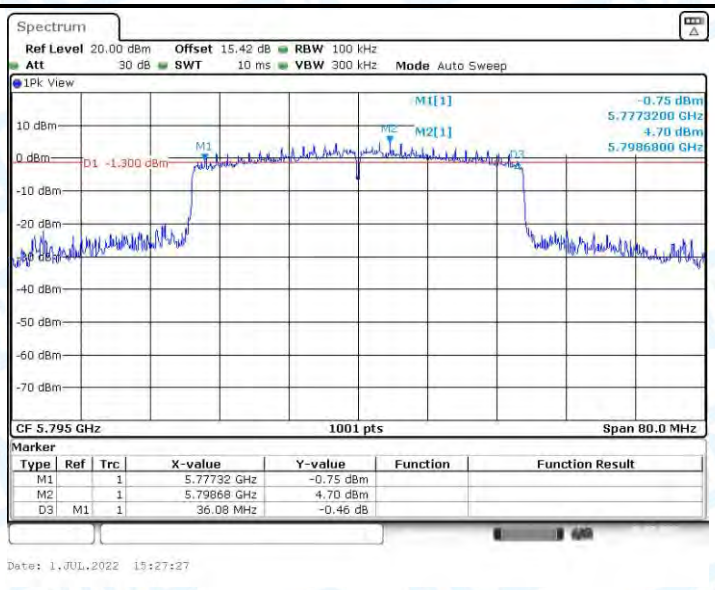
11AX20MIMO_Ant2_5825



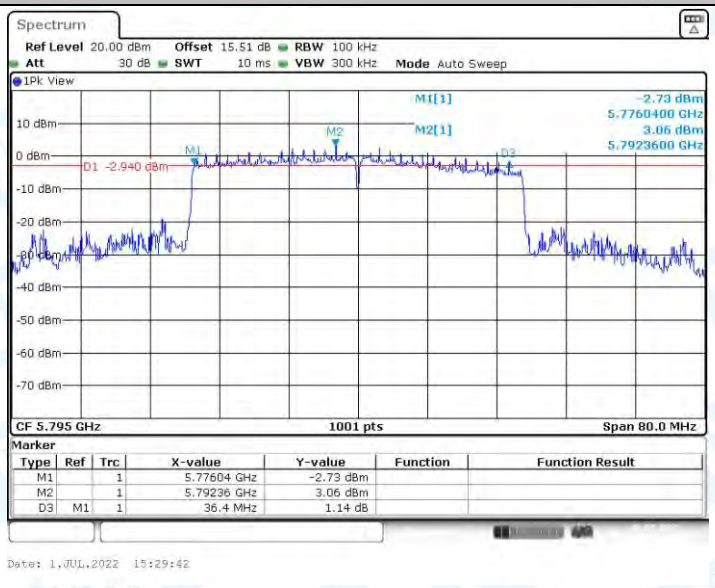
11AX40MIMO_Ant1_5755



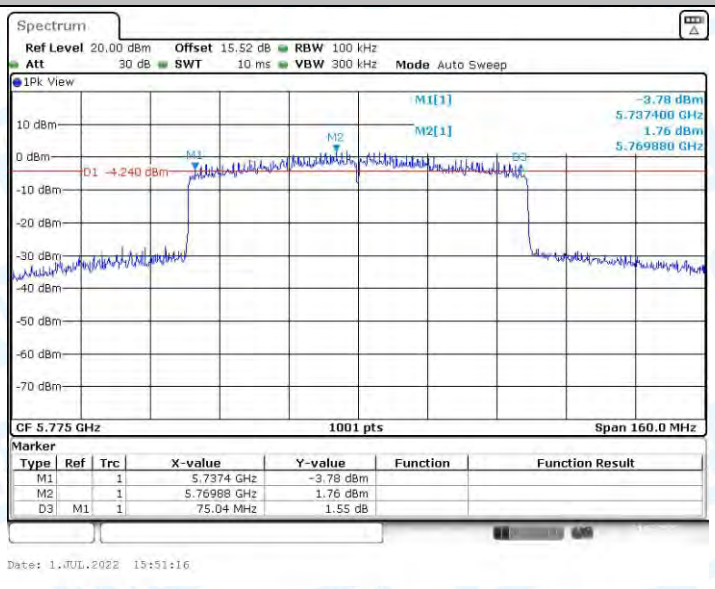
11AX40MIMO_Ant2_5755



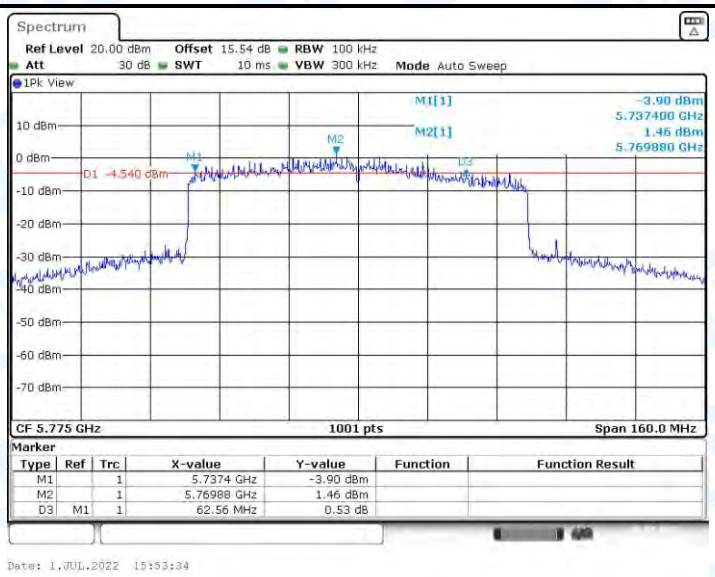
11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775

4. Maximum output power

4.1.Test Result

FCC Output Power(U-NII-1)					
TestMode	Antenna	Channel	Conducted power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	18.59	≤30	PASS
	Ant2	5180	18.61	≤30	PASS
	Ant1	5220	18.74	≤30	PASS
	Ant2	5220	18.71	≤30	PASS
	Ant1	5240	18.57	≤30	PASS
	Ant2	5240	18.62	≤30	PASS
11N20 MIMO	Ant1	5180	16.25	≤30	PASS
	Ant2	5180	15.74	≤30	PASS
	total	5180	19.01	≤28.02	PASS
	Ant1	5220	16.28	≤30	PASS
	Ant2	5220	15.95	≤30	PASS
	total	5220	19.13	≤28.02	PASS
	Ant1	5240	16.20	≤30	PASS
	Ant2	5240	15.68	≤30	PASS
	total	5240	18.96	≤28.02	PASS
11N40 MIMO	Ant1	5190	16.57	≤30	PASS
	Ant2	5190	15.87	≤30	PASS
	total	5190	19.24	≤28.02	PASS
	Ant1	5230	16.63	≤30	PASS
	Ant2	5230	15.92	≤30	PASS
	total	5230	19.30	≤28.02	PASS
11AC20 MIMO	Ant1	5180	15.31	≤30	PASS
	Ant2	5180	14.78	≤30	PASS
	total	5180	18.06	≤28.02	PASS
	Ant1	5220	17.02	≤30	PASS
	Ant2	5220	16.64	≤30	PASS
	total	5220	19.84	≤28.02	PASS
	Ant1	5240	16.81	≤30	PASS
	Ant2	5240	16.64	≤30	PASS
	total	5240	19.74	≤28.02	PASS
11AC40 MIMO	Ant1	5190	17.42	≤30	PASS
	Ant2	5190	16.68	≤30	PASS
	total	5190	20.08	≤28.02	PASS
	Ant1	5230	17.24	≤30	PASS
	Ant2	5230	16.88	≤30	PASS
	total	5230	20.07	≤28.02	PASS
11AC80 MIMO	Ant1	5210	16.42	≤30	PASS
	Ant2	5210	15.75	≤30	PASS
	total	5210	19.11	≤28.02	PASS
11AX20 MIMO	Ant1	5180	16.37	≤30	PASS
	Ant2	5180	15.98	≤30	PASS
	total	5180	19.19	≤28.02	PASS
	Ant1	5220	16.55	≤30	PASS
	Ant2	5220	16.15	≤30	PASS
	total	5220	19.36	≤28.02	PASS
	Ant1	5240	16.33	≤30	PASS
	Ant2	5240	15.99	≤30	PASS
	total	5240	19.17	≤28.02	PASS
11AX40 MIMO	Ant1	5190	16.78	≤30	PASS
	Ant2	5190	16.10	≤30	PASS
	total	5190	19.46	≤28.02	PASS
	Ant1	5230	16.84	≤30	PASS

	Ant2	5230	16.18	≤30	PASS
	total	5230	19.53	≤23.98	PASS
11AX80 MIMO	Ant1	5210	16.59	≤30	PASS
	Ant2	5210	15.89	≤30	PASS
	total	5210	19.26	≤23.98	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=7.98dBi＞6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.1:5.1312dBi; Ant.2:4.8076dBi)
So Pout = Plimit-(G_{TX}-6)]=(30-1.98)dBm =28.02dBm For U-NII-1: 5180MHz-5240MHz

IC Output Power(U-NII-1)							
TestMode	Antenna	Channel	Result[dBm]	Gain[dBi]	EIRP [dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	16.13	5.1312	21.26	**≤23.00**	PASS
	Ant2	5180	15.30	4.7922	20.09	**≤23.00**	PASS
	Ant1	5220	16.08	5.1312	21.21	**≤23.00**	PASS
	Ant2	5220	15.55	4.7922	20.34	**≤23.00**	PASS
	Ant1	5240	15.92	5.1312	21.05	**≤23.00**	PASS
	Ant2	5240	15.47	4.7922	20.26	**≤23.00**	PASS
11N20MIMO	Ant1	5180	14.30	5.1312	19.43	**≤23.00**	PASS
	Ant2	5180	13.09	4.7922	17.88	**≤23.00**	PASS
	total	5180	16.75	------	21.68	**≤23.00**	PASS
	Ant1	5220	14.21	5.1312	19.34	**≤23.00**	PASS
	Ant2	5220	13.41	4.7922	18.20	**≤23.00**	PASS
	total	5220	16.84	------	21.81	**≤23.00**	PASS
	Ant1	5240	14.08	5.1312	19.21	**≤23.00**	PASS
	Ant2	5240	13.40	4.7922	18.19	**≤23.00**	PASS
	total	5240	16.76	------	21.74	**≤23.00**	PASS
11N40MIMO	Ant1	5190	14.60	5.1312	19.73	**≤23.00**	PASS
	Ant2	5190	13.54	4.7922	18.33	**≤23.00**	PASS
	total	5190	17.11	------	22.10	**≤23.00**	PASS
	Ant1	5230	14.46	5.1312	19.59	**≤23.00**	PASS
	Ant2	5230	13.68	4.7922	18.47	**≤23.00**	PASS
	total	5230	17.10	------	22.08	**≤23.00**	PASS
11AC20MIMO	Ant1	5180	12.33	5.1312	17.46	**≤23.00**	PASS
	Ant2	5180	11.67	4.7922	16.46	**≤23.00**	PASS
	total	5180	15.02	------	20.00	**≤23.00**	PASS
	Ant1	5220	12.70	5.1312	17.83	**≤23.00**	PASS
	Ant2	5220	11.81	4.7922	16.60	**≤23.00**	PASS
	total	5220	15.29	------	20.27	**≤23.00**	PASS
	Ant1	5240	12.41	5.1312	17.54	**≤23.00**	PASS
	Ant2	5240	11.88	4.7922	16.67	**≤23.00**	PASS
	total	5240	15.16	------	20.14	**≤23.00**	PASS
11AC40MIMO	Ant1	5190	12.46	5.1312	17.59	**≤23.00**	PASS
	Ant2	5190	11.74	4.7922	16.53	**≤23.00**	PASS
	total	5190	15.13	------	20.10	**≤23.00**	PASS
	Ant1	5230	12.50	5.1312	17.63	**≤23.00**	PASS
	Ant2	5230	11.23	4.7922	16.02	**≤23.00**	PASS
	total	5230	14.92	------	19.91	**≤23.00**	PASS
11AC80MIMO	Ant1	5210	12.34	5.1312	17.47	**≤23.00**	PASS
	Ant2	5210	11.71	4.7922	16.50	**≤23.00**	PASS
	total	5210	15.05	------	20.02	**≤23.00**	PASS
11AX20MIMO	Ant1	5180	12.77	5.1312	17.90	**≤23.00**	PASS
	Ant2	5180	12.08	4.7922	16.87	**≤23.00**	PASS
	total	5180	15.45	------	20.43	**≤23.00**	PASS
	Ant1	5220	13.04	5.1312	18.17	**≤23.00**	PASS
	Ant2	5220	12.30	4.7922	17.09	**≤23.00**	PASS
	total	5220	15.70	------	20.67	**≤23.00**	PASS
	Ant1	5240	12.80	5.1312	17.93	**≤23.00**	PASS
	Ant2	5240	12.21	4.7922	17.00	**≤23.00**	PASS
	total	5240	15.53	------	20.48	**≤23.00**	PASS
11AX40MIMO	Ant1	5190	12.76	5.1312	17.89	**≤23.00**	PASS
	Ant2	5190	12.14	4.7922	16.93	**≤23.00**	PASS
	total	5190	15.47	------	20.45	**≤23.00**	PASS
	Ant1	5230	13.14	5.1312	18.27	**≤23.00**	PASS
	Ant2	5230	12.24	4.7922	17.03	**≤23.00**	PASS
	total	5230	15.72	------	20.70	**≤23.00**	PASS
11AX80MIMO	Ant1	5210	12.48	5.1312	17.61	**≤23.00**	PASS
	Ant2	5210	11.85	4.7922	16.64	**≤23.00**	PASS
	total	5210	15.19	------	20.16	**≤23.00**	PASS

FCC&IC Output Power(U-NII-2A&2C&3)								
TestMode	Antenna	Channel	Conducted power [dBm]	Limit [dBm]	Gain[dBi]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	18.34	≤23.98	5.1312	23.47	≤26.99	PASS
	Ant2	5260	18.33	≤23.98	4.7922	23.12	≤26.99	PASS
	Ant1	5300	18.34	≤23.98	5.1312	23.47	≤26.99	PASS
	Ant2	5300	18.48	≤23.98	4.7922	23.27	≤26.99	PASS
	Ant1	5320	18.41	≤23.98	5.1312	23.54	≤26.99	PASS
	Ant2	5320	18.74	≤23.98	4.7922	23.53	≤26.99	PASS
	Ant1	5500	17.61	≤23.98	3.9670	21.58	≤26.99	PASS
	Ant2	5500	18.63	≤23.98	4.0104	22.64	≤26.99	PASS
	Ant1	5580	18.08	≤23.98	3.9670	22.05	≤26.99	PASS
	Ant2	5580	18.42	≤23.98	4.0104	22.43	≤26.99	PASS
	Ant1	5720	18.18	≤23.98	3.9670	22.15	≤26.99	PASS
	Ant2	5720	18.27	≤23.98	4.0104	22.28	≤26.99	PASS
	Ant1	5745	18.35	≤30.00	4.1829	22.53	≤36.00	PASS
	Ant2	5745	18.35	≤30.00	4.6852	23.04	≤36.00	PASS
	Ant1	5785	18.19	≤30.00	4.1829	22.37	≤36.00	PASS
	Ant2	5785	17.54	≤30.00	4.6852	22.23	≤36.00	PASS
	Ant1	5825	18.22	≤30.00	4.1829	22.40	≤36.00	PASS
	Ant2	5825	17.21	≤30.00	4.6852	21.90	≤36.00	PASS
11N20MIMO	Ant1	5260	15.89	≤23.98	5.1312	21.02	≤26.99	PASS
	Ant2	5260	15.56	≤23.98	4.7922	20.35	≤26.99	PASS
	total	5260	18.74	≤22.00	-----	23.71	≤26.99	PASS
	Ant1	5300	15.94	≤23.98	5.1312	21.07	≤26.99	PASS
	Ant2	5300	15.75	≤23.98	4.7922	20.54	≤26.99	PASS
	total	5300	18.86	≤22.00	-----	23.83	≤26.99	PASS
	Ant1	5320	16.02	≤23.98	5.1312	21.15	≤26.99	PASS
	Ant2	5320	15.92	≤23.98	4.7922	20.71	≤26.99	PASS
	total	5320	18.98	≤22.00	-----	23.95	≤26.99	PASS
	Ant1	5500	15.22	≤23.98	3.9670	19.19	≤26.99	PASS
	Ant2	5500	15.73	≤23.98	4.0104	19.74	≤26.99	PASS
	total	5500	18.49	≤22.98	-----	22.48	≤26.99	PASS
	Ant1	5580	17.81	≤23.98	3.9670	21.78	≤26.99	PASS
	Ant2	5580	18.29	≤23.98	4.0104	22.30	≤26.99	PASS
	total	5580	21.07	≤22.98	-----	25.06	≤26.99	PASS
	Ant1	5720	17.90	≤23.98	3.9670	21.87	≤26.99	PASS
	Ant2	5720	18.13	≤23.98	4.0104	22.14	≤26.99	PASS
	total	5720	21.03	≤22.98	-----	25.02	≤26.99	PASS
	Ant1	5745	18.07	≤30.00	4.1829	22.25	≤36.00	PASS
	Ant2	5745	18.07	≤30.00	4.6852	22.76	≤36.00	PASS
	total	5745	21.08	≤29.00	-----	25.52	≤36.00	PASS
	Ant1	5785	17.99	≤30.00	4.1829	22.17	≤36.00	PASS
	Ant2	5785	17.32	≤30.00	4.6852	22.01	≤36.00	PASS
	total	5785	20.68	≤29.00	-----	25.10	≤36.00	PASS
	Ant1	5825	18.00	≤30.00	4.1829	22.18	≤36.00	PASS
	Ant2	5825	16.91	≤30.00	4.6852	21.60	≤36.00	PASS
	total	5825	20.50	≤29.00	-----	24.91	≤36.00	PASS
11N40MIMO	Ant1	5270	18.47	≤23.98	5.1312	23.60	≤26.99	PASS
	Ant2	5270	18.36	≤23.98	4.7922	23.15	≤26.99	PASS
	total	5270	21.43	≤22.00	-----	26.39	≤26.99	PASS
	Ant1	5310	18.64	≤23.98	5.1312	23.77	≤26.99	PASS
	Ant2	5310	18.65	≤23.98	4.7922	23.44	≤26.99	PASS
	total	5310	21.66	≤22.00	-----	26.62	≤26.99	PASS
	Ant1	5510	17.76	≤23.98	3.9670	21.73	≤26.99	PASS
	Ant2	5510	18.44	≤23.98	4.0104	22.45	≤26.99	PASS
	total	5510	21.12	≤22.98	-----	25.11	≤26.99	PASS

	Ant1	5550	18.18	≤23.98	3.9670	22.15	≤26.99	PASS
	Ant2	5550	18.26	≤23.98	4.0104	22.27	≤26.99	PASS
	total	5550	21.23	≤22.98	-----	25.22	≤26.99	PASS
	Ant1	5710	18.29	≤23.98	3.9670	22.26	≤26.99	PASS
	Ant2	5710	18.34	≤23.98	4.0104	22.35	≤26.99	PASS
	total	5710	21.33	≤22.98	-----	25.31	≤26.99	PASS
	Ant1	5755	18.40	≤30.00	4.1829	22.58	≤36.00	PASS
	Ant2	5755	17.94	≤30.00	4.6852	22.63	≤36.00	PASS
	total	5755	21.19	≤29.00	-----	25.61	≤36.00	PASS
	Ant1	5795	18.39	≤30.00	4.1829	22.57	≤36.00	PASS
	Ant2	5795	17.24	≤30.00	4.6852	21.93	≤36.00	PASS
	total	5795	20.86	≤29.00	-----	25.27	≤36.00	PASS
11AC20 MIMO	Ant1	5260	16.58	≤23.98	5.1312	21.71	≤26.99	PASS
	Ant2	5260	16.38	≤23.98	4.7922	21.17	≤26.99	PASS
	total	5260	19.49	≤22.00	-----	24.46	≤26.99	PASS
	Ant1	5300	18.06	≤23.98	5.1312	23.19	≤26.99	PASS
	Ant2	5300	18.32	≤23.98	4.7922	23.11	≤26.99	PASS
	total	5300	21.20	≤22.00	-----	26.16	≤26.99	PASS
	Ant1	5320	18.24	≤23.98	5.1312	23.37	≤26.99	PASS
	Ant2	5320	18.41	≤23.98	4.7922	23.20	≤26.99	PASS
	total	5320	21.34	≤22.00	-----	26.30	≤26.99	PASS
	Ant1	5500	17.28	≤23.98	3.9670	21.25	≤26.99	PASS
	Ant2	5500	18.30	≤23.98	4.0104	22.31	≤26.99	PASS
	total	5500	20.83	≤22.98	-----	24.82	≤26.99	PASS
	Ant1	5580	17.77	≤23.98	3.9670	21.74	≤26.99	PASS
	Ant2	5580	18.19	≤23.98	4.0104	22.20	≤26.99	PASS
	total	5580	21.00	≤22.98	-----	24.99	≤26.99	PASS
	Ant1	5720	17.95	≤23.98	3.9670	21.92	≤26.99	PASS
	Ant2	5720	18.09	≤23.98	4.0104	22.10	≤26.99	PASS
	total	5720	21.03	≤22.98	-----	25.02	≤26.99	PASS
	Ant1	5745	18.06	≤30.00	4.1829	22.24	≤36.00	PASS
	Ant2	5745	18.07	≤30.00	4.6852	22.76	≤36.00	PASS
	total	5745	21.08	≤29.00	-----	25.52	≤36.00	PASS
	Ant1	5785	17.97	≤30.00	4.1829	22.15	≤36.00	PASS
	Ant2	5785	17.12	≤30.00	4.6852	21.81	≤36.00	PASS
	total	5785	20.58	≤29.00	-----	24.99	≤36.00	PASS
	Ant1	5825	17.94	≤30.00	4.1829	22.12	≤36.00	PASS
	Ant2	5825	16.87	≤30.00	4.6852	21.56	≤36.00	PASS
	total	5825	20.45	≤29.00	-----	24.86	≤36.00	PASS
11AC40 MIMO	Ant1	5270	18.46	≤23.98	5.1312	23.59	≤26.99	PASS
	Ant2	5270	18.35	≤23.98	4.7922	23.14	≤26.99	PASS
	total	5270	21.42	≤22.00	-----	26.38	≤26.99	PASS
	Ant1	5310	18.60	≤23.98	5.1312	23.73	≤26.99	PASS
	Ant2	5310	18.60	≤23.98	4.7922	23.39	≤26.99	PASS
	total	5310	21.61	≤22.00	-----	26.58	≤26.99	PASS
	Ant1	5510	17.78	≤23.98	3.9670	21.75	≤26.99	PASS
	Ant2	5510	18.38	≤23.98	4.0104	22.39	≤26.99	PASS
	total	5510	21.10	≤22.98	-----	25.09	≤26.99	PASS
	Ant1	5550	18.10	≤23.98	3.9670	22.07	≤26.99	PASS
	Ant2	5550	18.21	≤23.98	4.0104	22.22	≤26.99	PASS
	total	5550	21.17	≤22.98	-----	25.15	≤26.99	PASS
	Ant1	5710	18.25	≤23.98	3.9670	22.22	≤26.99	PASS
	Ant2	5710	18.32	≤23.98	4.0104	22.33	≤26.99	PASS
	total	5710	21.30	≤22.98	-----	25.28	≤26.99	PASS
	Ant1	5755	18.35	≤30.00	4.1829	22.53	≤36.00	PASS
	Ant2	5755	17.93	≤30.00	4.6852	22.62	≤36.00	PASS
	total	5755	21.16	≤29.00	-----	25.58	≤36.00	PASS
	Ant1	5795	18.27	≤30.00	4.1829	22.45	≤36.00	PASS
	Ant2	5795	17.08	≤30.00	4.6852	21.77	≤36.00	PASS
	total	5795	20.73	≤29.00	-----	25.13	≤36.00	PASS

11AC80 MIMO	Ant1	5290	18.28	≤23.98	5.1312	23.41	≤26.99	PASS
	Ant2	5290	18.21	≤23.98	4.7922	23.00	≤26.99	PASS
	total	5290	21.26	≤22.00	-----	26.22	≤26.99	PASS
	Ant1	5530	17.78	≤23.98	3.9670	21.75	≤26.99	PASS
	Ant2	5530	18.01	≤23.98	4.0104	22.02	≤26.99	PASS
	total	5530	20.91	≤23.98	-----	24.90	≤26.99	PASS
	Ant1	5690	17.94	≤23.98	3.9670	21.91	≤26.99	PASS
	Ant2	5690	18.30	≤23.98	4.0104	22.31	≤26.99	PASS
	total	5690	21.13	≤23.98	-----	25.12	≤26.99	PASS
	Ant1	5775	18.24	≤30.00	4.1829	22.42	≤36.00	PASS
	Ant2	5775	17.25	≤30.00	4.6852	21.94	≤36.00	PASS
	total	5775	20.78	≤29.00	-----	25.20	≤36.00	PASS
11AX20 MIMO	Ant1	5260	18.25	≤23.98	5.1312	23.38	≤26.99	PASS
	Ant2	5260	18.31	≤23.98	4.7922	23.10	≤26.99	PASS
	total	5260	21.29	≤22.00	-----	26.25	≤26.99	PASS
	Ant1	5300	18.29	≤23.98	5.1312	23.42	≤26.99	PASS
	Ant2	5300	18.46	≤23.98	4.7922	23.25	≤26.99	PASS
	total	5300	21.39	≤22.00	-----	26.35	≤26.99	PASS
	Ant1	5320	18.27	≤23.98	5.1312	23.40	≤26.99	PASS
	Ant2	5320	18.70	≤23.98	4.7922	23.49	≤26.99	PASS
	total	5320	21.50	≤22.00	-----	26.46	≤26.99	PASS
	Ant1	5500	17.45	≤23.98	3.9670	21.42	≤26.99	PASS
	Ant2	5500	18.55	≤23.98	4.0104	22.56	≤26.99	PASS
	total	5500	21.05	≤22.98	-----	25.04	≤26.99	PASS
	Ant1	5580	17.89	≤23.98	3.9670	21.86	≤26.99	PASS
	Ant2	5580	18.38	≤23.98	4.0104	22.39	≤26.99	PASS
	total	5580	21.15	≤22.98	-----	25.14	≤26.99	PASS
	Ant1	5720	18.15	≤23.98	3.9670	22.12	≤26.99	PASS
	Ant2	5720	18.39	≤23.98	4.0104	22.40	≤26.99	PASS
	total	5720	21.28	≤22.98	-----	25.27	≤26.99	PASS
	Ant1	5745	18.25	≤30.00	4.1829	22.43	≤36.00	PASS
	Ant2	5745	18.26	≤30.00	4.6852	22.95	≤36.00	PASS
	total	5745	21.27	≤29.00	-----	25.71	≤36.00	PASS
	Ant1	5785	18.10	≤30.00	4.1829	22.28	≤36.00	PASS
	Ant2	5785	17.47	≤30.00	4.6852	22.16	≤36.00	PASS
	total	5785	20.81	≤29.00	-----	25.23	≤36.00	PASS
	Ant1	5825	18.12	≤30.00	4.1829	22.30	≤36.00	PASS
	Ant2	5825	17.16	≤30.00	4.6852	21.85	≤36.00	PASS
	total	5825	20.68	≤29.00	-----	25.09	≤36.00	PASS
11AX40 MIMO	Ant1	5270	18.61	≤23.98	5.1312	23.74	≤26.99	PASS
	Ant2	5270	18.51	≤23.98	4.7922	23.30	≤26.99	PASS
	total	5270	21.57	≤22.00	-----	26.54	≤26.99	PASS
	Ant1	5310	18.76	≤23.98	5.1312	23.89	≤26.99	PASS
	Ant2	5310	18.81	≤23.98	4.7922	23.60	≤26.99	PASS
	total	5310	21.80	≤22.00	-----	26.76	≤26.99	PASS
	Ant1	5510	17.78	≤23.98	3.9670	21.75	≤26.99	PASS
	Ant2	5510	18.57	≤23.98	4.0104	22.58	≤26.99	PASS
	total	5510	21.20	≤22.98	-----	25.19	≤26.99	PASS
	Ant1	5550	18.19	≤23.98	3.9670	22.16	≤26.99	PASS
	Ant2	5550	18.35	≤23.98	4.0104	22.36	≤26.99	PASS
	total	5550	21.28	≤22.98	-----	25.27	≤26.99	PASS
	Ant1	5710	18.35	≤23.98	3.9670	22.32	≤26.99	PASS
	Ant2	5710	18.38	≤23.98	4.0104	22.39	≤26.99	PASS
	total	5710	21.38	≤22.98	-----	25.36	≤26.99	PASS
	Ant1	5755	18.44	≤30.00	4.1829	22.62	≤36.00	PASS
	Ant2	5755	17.98	≤30.00	4.6852	22.67	≤36.00	PASS
	total	5755	21.23	≤29.00	-----	25.65	≤36.00	PASS
	Ant1	5795	18.40	≤30.00	4.1829	22.58	≤36.00	PASS

	Ant2	5795	17.28	≤30.00	4.6852	21.97	≤36.00	PASS
	total	5795	20.89	≤29.00	-----	25.30	≤36.00	PASS
11AX80 MIMO	Ant1	5290	18.48	≤23.98	5.1312	23.61	≤26.99	PASS
	Ant2	5290	18.45	≤23.98	4.7922	23.24	≤26.99	PASS
	total	5290	21.48	≤22.00	-----	26.44	≤26.99	PASS
	Ant1	5530	17.91	≤23.98	3.9670	21.88	≤26.99	PASS
	Ant2	5530	18.28	≤23.98	4.0104	22.29	≤26.99	PASS
	total	5530	21.11	≤22.98	-----	25.10	≤26.99	PASS
	Ant1	5690	18.09	≤23.98	3.9670	22.06	≤26.99	PASS
	Ant2	5690	18.47	≤23.98	4.0104	22.48	≤26.99	PASS
	total	5690	21.29	≤23.98	-----	25.28	≤26.99	PASS
	Ant1	5775	18.37	≤30.00	4.1829	22.55	≤36.00	PASS
	Ant2	5775	17.61	≤30.00	4.6852	22.30	≤36.00	PASS
	total	5775	21.02	≤29.00	-----	25.44	≤36.00	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 =7.98dBi＞6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:5.1312dBi; Ant.2: 4.7922dBi)
Directional Gain =7.00dBi＞6dBi. For U-NII-2C: 5500MHz-5720MHz (Ant.1:3.9670dBi; Ant.2:4.0104dBi)
Directional Gain =7.45dBi＞66dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:4.1829dBi; Ant.2:4.6852dBi)
So Pout = Plimit-(G_{TX}-6)]=(23.98-1.98)dBm =22.00dBm For U-NII-2A: 5260MHz-5320MHz
So Pout = Plimit-(G_{TX}-6)]=(23.98-1.00)dBm=22.98dBm For U-NII-2C: 5500MHz-5720MHz
So Pout = Plimit-(G_{TX}-6)]=(30-1.00)dBm=29.00dBm 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

FCC PSD (U-NII-1)					
TestMode	Antenna	Channel	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	8.43	≤17	PASS
	Ant2	5180	7.90	≤17	PASS
	Ant1	5220	8.66	≤17	PASS
	Ant2	5220	7.49	≤17	PASS
	Ant1	5240	8.18	≤17	PASS
	Ant2	5240	7.31	≤17	PASS
11N20MIMO	Ant1	5180	5.29	≤17	PASS
	Ant2	5180	4.39	≤17	PASS
	total	5180	7.87	≤15.02	PASS
	Ant1	5220	5.29	≤17	PASS
	Ant2	5220	4.20	≤17	PASS
	total	5220	7.79	≤15.02	PASS
	Ant1	5240	4.66	≤17	PASS
	Ant2	5240	3.88	≤17	PASS
	total	5240	7.30	≤15.02	PASS
11N40MIMO	Ant1	5190	3.02	≤17	PASS
	Ant2	5190	2.17	≤17	PASS
	total	5190	5.63	≤15.02	PASS
	Ant1	5230	3.08	≤17	PASS
	Ant2	5230	1.76	≤17	PASS
	total	5230	5.48	≤15.02	PASS
11AC20MIMO	Ant1	5180	4.17	≤17	PASS
	Ant2	5180	3.38	≤17	PASS
	total	5180	6.80	≤15.02	PASS
	Ant1	5220	6.28	≤17	PASS
	Ant2	5220	5.11	≤17	PASS
	total	5220	8.74	≤15.02	PASS
	Ant1	5240	5.73	≤17	PASS
	Ant2	5240	4.85	≤17	PASS
	total	5240	8.32	≤15.02	PASS
11AC40MIMO	Ant1	5190	4.13	≤17	PASS
	Ant2	5190	3.14	≤17	PASS
	total	5190	6.67	≤15.02	PASS
	Ant1	5230	3.56	≤17	PASS
	Ant2	5230	2.48	≤17	PASS
	total	5230	6.06	≤15.02	PASS
11AC80MIMO	Ant1	5210	-0.40	≤17	PASS
	Ant2	5210	-1.68	≤17	PASS
	total	5210	2.02	≤15.02	PASS
11AX20MIMO	Ant1	5180	4.88	≤17	PASS
	Ant2	5180	3.95	≤17	PASS
	total	5180	7.45	≤15.02	PASS
	Ant1	5220	4.73	≤17	PASS
	Ant2	5220	3.67	≤17	PASS
	total	5220	7.24	≤15.02	PASS
	Ant1	5240	4.37	≤17	PASS
	Ant2	5240	3.29	≤17	PASS
	total	5240	6.87	≤15.02	PASS
11AX40MIMO	Ant1	5190	2.69	≤17	PASS
	Ant2	5190	1.65	≤17	PASS
	total	5190	5.21	≤15.02	PASS
	Ant1	5230	2.53	≤17	PASS

	Ant2	5230	1.35	≤17	PASS
	total	5230	4.99	≤15.02	PASS
11AX80MIMO	Ant1	5210	-0.34	≤17	PASS
	Ant2	5210	-1.35	≤17	PASS
	total	5210	2.19	≤15.02	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=7.98dBi＞6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.1:5.1312dBi; Ant.2:4.8076dBi)
So Pout = Plimit-(G_{TX}-6)]=(17-1.98)dBm/MHz =15.02dBm/MHz For U-NII-1: 5180MHz-5240MHz
The Duty Cycle Factor and RBW Factor is compensated in the graph.

IC EIRP PSD (U-NII-1)							
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Gain [dBi]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.04	5.1312	9.17	≤10.00	PASS
	Ant2	5180	4.41	4.8079	9.22	≤10.00	PASS
	Ant1	5220	4.02	5.1312	9.15	≤10.00	PASS
	Ant2	5220	4.14	4.8079	8.95	≤10.00	PASS
	Ant1	5240	3.7	5.1312	8.83	≤10.00	PASS
	Ant2	5240	4	4.8079	8.81	≤10.00	PASS
11N20 MIMO	Ant1	5180	0.26	5.1312	5.39	≤10.00	PASS
	Ant2	5180	1.14	4.8079	5.95	≤10.00	PASS
	total	5180	3.73	-------	8.69	≤10.00	PASS
	Ant1	5220	0.24	5.1312	5.37	≤10.00	PASS
	Ant2	5220	1.08	4.8079	5.89	≤10.00	PASS
	total	5220	3.69	-------	8.65	≤10.00	PASS
	Ant1	5240	-0.04	5.1312	5.09	≤10.00	PASS
	Ant2	5240	0.92	4.8079	5.73	≤10.00	PASS
	total	5240	3.48	-------	8.43	≤10.00	PASS
11N40 MIMO	Ant1	5190	0.89	5.1312	6.02	≤10.00	PASS
	Ant2	5190	0.26	4.8079	5.07	≤10.00	PASS
	total	5190	3.60	-------	8.58	≤10.00	PASS
	Ant1	5230	0.85	5.1312	5.98	≤10.00	PASS
	Ant2	5230	-0.25	4.8079	4.56	≤10.00	PASS
	total	5230	3.35	-------	8.34	≤10.00	PASS
11AC20 MIMO	Ant1	5180	0.23	5.1312	5.36	≤10.00	PASS
	Ant2	5180	1.19	4.8079	6.00	≤10.00	PASS
	total	5180	3.75	-------	8.70	≤10.00	PASS
	Ant1	5220	0.21	5.1312	5.34	≤10.00	PASS
	Ant2	5220	0.98	4.8079	5.79	≤10.00	PASS
	total	5220	3.62	-------	8.58	≤10.00	PASS
	Ant1	5240	0	5.1312	5.13	≤10.00	PASS
	Ant2	5240	0.86	4.8079	5.67	≤10.00	PASS
	total	5240	3.46	-------	8.42	≤10.00	PASS
11AC40 MIMO	Ant1	5190	0.91	5.1312	6.04	≤10.00	PASS
	Ant2	5190	-0.16	4.8079	4.65	≤10.00	PASS
	total	5190	3.42	-------	8.41	≤10.00	PASS
	Ant1	5230	0.75	5.1312	5.88	≤10.00	PASS
	Ant2	5230	-0.39	4.8079	4.42	≤10.00	PASS
	total	5230	3.23	-------	8.22	≤10.00	PASS
11AC80 MIMO	Ant1	5210	-2.58	5.1312	2.55	≤10.00	PASS
	Ant2	5210	-3.56	4.8079	1.25	≤10.00	PASS
	total	5210	-0.03	-------	4.96	≤10.00	PASS
11AX20 MIMO	Ant1	5180	-0.07	5.1312	5.06	≤10.00	PASS
	Ant2	5180	0.98	4.8079	5.79	≤10.00	PASS
	total	5180	3.50	-------	8.45	≤10.00	PASS
	Ant1	5220	0.62	5.1312	5.75	≤10.00	PASS
	Ant2	5220	0.74	4.8079	5.55	≤10.00	PASS
	total	5220	3.69	-------	8.66	≤10.00	PASS
	Ant1	5240	0.01	5.1312	5.14	≤10.00	PASS
	Ant2	5240	0.62	4.8079	5.43	≤10.00	PASS
	total	5240	3.34	-------	8.30	≤10.00	PASS
11AX40 MIMO	Ant1	5190	0.74	5.1312	5.87	≤10.00	PASS
	Ant2	5190	0.02	4.8079	4.83	≤10.00	PASS
	total	5190	3.41	-------	8.39	≤10.00	PASS
	Ant1	5230	0.43	5.1312	5.56	≤10.00	PASS
	Ant2	5230	-0.56	4.8079	4.25	≤10.00	PASS
	total	5230	2.97	-------	7.96	≤10.00	PASS
11AX80 MIMO	Ant1	5210	-2.61	5.1312	2.52	≤10.00	PASS
	Ant2	5210	-3.32	4.8079	1.49	≤10.00	PASS
	total	5210	0.06	-------	5.05	≤10.00	PASS
Note:The Duty Cycle Factor and RBW Factor is compensated in the graph.							

FCC&IC PSD (U-NII-2A&2C)					
TestMode	Antenna	Channel	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5260	8.18	≤11.00	PASS
	Ant2	5260	7.31	≤11.00	PASS
	Ant1	5300	4.29	≤11.00	PASS
	Ant2	5300	4.90	≤11.00	PASS
	Ant1	5320	8.31	≤11.00	PASS
	Ant2	5320	7.77	≤11.00	PASS
	Ant1	5500	8.52	≤11.00	PASS
	Ant2	5500	7.77	≤11.00	PASS
	Ant1	5580	7.42	≤11.00	PASS
	Ant2	5580	8.05	≤11.00	PASS
	Ant1	5720_UNII-2C	8.03	≤11.00	PASS
	Ant2	5720_UNII-2C	7.65	≤11.00	PASS
11N20MIMO	Ant1	5260	7.30	≤11.00	PASS
	Ant2	5260	4.55	≤11.00	PASS
	total	5260	3.68	≤9.02	PASS
	Ant1	5300	7.15	≤11.00	PASS
	Ant2	5300	4.64	≤11.00	PASS
	total	5300	4.5	≤9.02	PASS
	Ant1	5320	7.58	≤11.00	PASS
	Ant2	5320	4.88	≤11.00	PASS
	total	5320	4.4	≤9.02	PASS
	Ant1	5500	7.66	≤11.00	PASS
	Ant2	5500	3.99	≤11.00	PASS
	total	5500	4.68	≤10.00	PASS
	Ant1	5580	7.36	≤11.00	PASS
	Ant2	5580	1.46	≤11.00	PASS
	total	5580	2.9	≤10.00	PASS
	Ant1	5720_UNII-2C	5.25	≤11.00	PASS
	Ant2	5720_UNII-2C	5.13	≤11.00	PASS
	total	5720_UNII-2C	5.42	≤10.00	PASS
11N40MIMO	Ant1	5270	5.26	≤11.00	PASS
	Ant2	5270	4.53	≤11.00	PASS
	total	5270	7.92	≤9.02	PASS
	Ant1	5310	6.09	≤11.00	PASS
	Ant2	5310	4.85	≤11.00	PASS
	total	5310	8.52	≤9.02	PASS
	Ant1	5510	5.2	≤11.00	PASS
	Ant2	5510	5.5	≤11.00	PASS
	total	5510	8.36	≤10.00	PASS
	Ant1	5550	5.89	≤11.00	PASS
	Ant2	5550	4.95	≤11.00	PASS
	total	5550	8.46	≤10.00	PASS
	Ant1	5710_UNII-2C	5.3	≤11.00	PASS
	Ant2	5710_UNII-2C	5.45	≤11.00	PASS
	total	5710_UNII-2C	8.39	≤10.00	PASS
11AC20MIMO	Ant1	5260	5.49	≤11.00	PASS
	Ant2	5260	4.67	≤11.00	PASS
	total	5260	8.11	≤11.00	PASS
	Ant1	5300	5.15	≤11.00	PASS
	Ant2	5300	5.69	≤11.00	PASS
	total	5300	8.44	≤11.00	PASS
	Ant1	5320	2.45	≤11.00	PASS
	Ant2	5320	5.13	≤11.00	PASS
	total	5320	7.00	≤11.00	PASS
	Ant1	5500	2.15	≤11.00	PASS
	Ant2	5500	4.93	≤11.00	PASS
	total	5500	6.77	≤11.00	PASS
	Ant1	5580	3.64	≤11.00	PASS
	Ant2	5580	4.77	≤11.00	PASS
	total	5580	7.25	≤11.00	PASS

	Ant1	5720_UNII-2C	4.07	≤11.00	PASS
	Ant2	5720_UNII-2C	4.32	≤11.00	PASS
	total	5720_UNII-2C	7.21	≤11.00	PASS
11AC40MIMO	Ant1	5270	5.05	≤11.00	PASS
	Ant2	5270	4.14	≤11.00	PASS
	total	5270	7.63	≤9.02	PASS
	Ant1	5310	5.85	≤11.00	PASS
	Ant2	5310	4.57	≤11.00	PASS
	total	5310	8.27	≤9.02	PASS
	Ant1	5510	5.02	≤11.00	PASS
	Ant2	5510	5.1	≤11.00	PASS
	total	5510	8.07	≤10.00	PASS
	Ant1	5550	5.62	≤11.00	PASS
	Ant2	5550	4.49	≤11.00	PASS
	total	5550	8.10	≤10.00	PASS
	Ant1	5710_UNII-2C	4.93	≤11.00	PASS
	Ant2	5710_UNII-2C	5.15	≤11.00	PASS
	total	5710_UNII-2C	8.05	≤10.00	PASS
11AC80MIMO	Ant1	5290	1.92	≤11.00	PASS
	Ant2	5290	1.24	≤11.00	PASS
	total	5290	4.60	≤9.02	PASS
	Ant1	5530	2.06	≤11.00	PASS
	Ant2	5530	1.49	≤11.00	PASS
	total	5530	4.79	≤10.00	PASS
	Ant1	5690_UNII-2C	1.08	≤11.00	PASS
	Ant2	5690_UNII-2C	1.6	≤11.00	PASS
	total	5690_UNII-2C	4.36	≤10.00	PASS
11AX20MIMO	Ant1	5260	5.97	≤11.00	PASS
	Ant2	5260	5.08	≤11.00	PASS
	total	5260	7.95	≤9.02	PASS
	Ant1	5300	1.01	≤11.00	PASS
	Ant2	5300	4.04	≤11.00	PASS
	total	5300	5.79	≤9.02	PASS
	Ant1	5320	1.65	≤11.00	PASS
	Ant2	5320	4.08	≤11.00	PASS
	total	5320	6.04	≤9.02	PASS
	Ant1	5500	6.48	≤11.00	PASS
	Ant2	5500	7.06	≤11.00	PASS
	total	5500	9.79	≤10.00	PASS
	Ant1	5580	7.05	≤11.00	PASS
	Ant2	5580	6.77	≤11.00	PASS
	total	5580	9.92	≤10.00	PASS
	Ant1	5720_UNII-2C	6.7	≤11.00	PASS
	Ant2	5720_UNII-2C	7.15	≤11.00	PASS
	total	5720_UNII-2C	9.94	≤10.00	PASS
11AX40MIMO	Ant1	5270	4.92	≤11.00	PASS
	Ant2	5270	4.09	≤11.00	PASS
	total	5310	7.54	≤9.02	PASS
	Ant1	5310	5.71	≤11.00	PASS
	Ant2	5310	4.44	≤11.00	PASS
	total	5310	8.13	≤9.02	PASS
	Ant1	5510	4.92	≤11.00	PASS
	Ant2	5510	4.67	≤11.00	PASS
	total	5510	7.81	≤10.00	PASS
	Ant1	5550	5.19	≤11.00	PASS
	Ant2	5550	4.29	≤11.00	PASS
	total	5550	7.77	≤10.00	PASS
	Ant1	5710_UNII-2C	4.77	≤11.00	PASS
	Ant2	5710_UNII-2C	4.66	≤11.00	PASS
	total	5710_UNII-2C	7.73	≤10.00	PASS
11AX80MIMO	Ant1	5290	2.14	≤11.00	PASS
	Ant2	5290	1.66	≤11.00	PASS
	total	5290	4.92	≤9.02	PASS
	Ant1	5530	2.15	≤11.00	PASS
	Ant2	5530	1.59	≤11.00	PASS

	total	5530	4.89	≤10.00	PASS
	Ant1	5690_UNII-2C	1.32	≤11.00	PASS
	Ant2	5690_UNII-2C	1.53	≤11.00	PASS
	total	5690_UNII-2C	4.44	≤10.00	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 =7.98dBi＞6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:5.1312dBi; Ant.2: 4.7922dBi)
Directional Gain =7.00dBi＞6dBi. For U-NII-2C: 5500MHz-5720MHz (Ant.1:3.9670dBi; Ant.2:4.0104dBi)
So Pout = Plimit-(G_{TX}-6)]=(11-1.98)dBm/MHz =9.02dBm/MHz For U-NII-2A: 5260MHz-5320MHz
So Pout = Plimit-(G_{TX}-6)]=(11-1.00)dBm/MHz =10.00dBm/MHz For U-NII-2C: 5500MHz-5720MHz

The Duty Cycle Factor and RBW Factor is compensated in the graph.

FCC&IC PSD (U-NII-3)					
TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5720_UNII-3	3.22	≤30.00	PASS
	Ant2	5720_UNII-3	3.27	≤30.00	PASS
	Ant1	5745	4.43	≤30.00	PASS
	Ant2	5745	4.05	≤30.00	PASS
	Ant1	5785	4.42	≤30.00	PASS
	Ant2	5785	3.03	≤30.00	PASS
	Ant1	5825	4.93	≤30.00	PASS
	Ant2	5825	3.5	≤30.00	PASS
11N20MIMO	Ant1	5720_UNII-3	0.37	≤30.00	PASS
	Ant2	5720_UNII-3	0.94	≤30.00	PASS
	total	5720_UNII-3	3.67	≤29.00	PASS
	Ant1	5745	4.07	≤30.00	PASS
	Ant2	5745	3.9	≤30.00	PASS
	total	5745	7.00	≤29.00	PASS
	Ant1	5785	4.14	≤30.00	PASS
	Ant2	5785	2.93	≤30.00	PASS
	total	5785	6.59	≤29.00	PASS
	Ant1	5825	4.61	≤30.00	PASS
	Ant2	5825	3.13	≤30.00	PASS
	total	5825	6.94	≤29.00	PASS
11N40MIMO	Ant1	5710_UNII-3	-2.68	≤30.00	PASS
	Ant2	5710_UNII-3	-2.27	≤30.00	PASS
	total	5710_UNII-3	0.54	≤29.00	PASS
	Ant1	5755	2.31	≤30.00	PASS
	Ant2	5755	1.66	≤30.00	PASS
	total	5755	5.01	≤29.00	PASS
	Ant1	5795	2.21	≤30.00	PASS
	Ant2	5795	0.39	≤30.00	PASS
	total	5795	4.40	≤29.00	PASS
	Ant1	5710_UNII-3	-2.68	≤30.00	PASS
	Ant2	5710_UNII-3	-2.27	≤30.00	PASS
	total	5710_UNII-3	0.54	≤29.00	PASS
11AC20MIMO	Ant1	5720_UNII-3	-0.46	≤30.00	PASS
	Ant2	5720_UNII-3	-0.21	≤30.00	PASS
	total	5720_UNII-3	2.68	≤29.00	PASS
	Ant1	5745	4.14	≤30.00	PASS
	Ant2	5745	3.93	≤30.00	PASS
	total	5745	7.05	≤29.00	PASS
	Ant1	5785	4.14	≤30.00	PASS
	Ant2	5785	2.8	≤30.00	PASS
	total	5785	6.53	≤29.00	PASS
	Ant1	5825	4.55	≤30.00	PASS
	Ant2	5825	3.11	≤30.00	PASS
	total	5825	6.90	≤29.00	PASS
11AC40MIMO	Ant1	5710_UNII-3	-3.13	≤30.00	PASS
	Ant2	5710_UNII-3	-2.71	≤30.00	PASS
	total	5710_UNII-3	0.10	≤29.00	PASS
	Ant1	5755	2.13	≤30.00	PASS
	Ant2	5755	1.46	≤30.00	PASS
	total	5755	4.82	≤29.00	PASS
	Ant1	5795	1.4	≤30.00	PASS
	Ant2	5795	0.41	≤30.00	PASS
	total	5795	3.94	≤29.00	PASS
11AC80MIMO	Ant1	5690_UNII-3	-6.43	≤30.00	PASS
	Ant2	5690_UNII-3	-6.76	≤30.00	PASS
	total	5690_UNII-3	-3.58	≤29.00	PASS
	Ant1	5775	-1.47	≤30.00	PASS
	Ant2	5775	-2.46	≤30.00	PASS
	total	5775	1.07	≤29.00	PASS
	Ant1	5690_UNII-3	-6.43	≤30.00	PASS

	Ant2	5690_UNII-3	-6.76	≤30.00	PASS
	total	5690_UNII-3	-3.58	≤29.00	PASS
11AX20MIMO	Ant1	5720_UNII-3	2.7	≤30.00	PASS
	Ant2	5720_UNII-3	3.25	≤30.00	PASS
	total	5720_UNII-3	5.99	≤29.00	PASS
	Ant1	5745	3.71	≤30.00	PASS
	Ant2	5745	3.49	≤30.00	PASS
	total	5745	6.61	≤29.00	PASS
	Ant1	5785	3.52	≤30.00	PASS
	Ant2	5785	2.25	≤30.00	PASS
	total	5785	5.94	≤29.00	PASS
	Ant1	5825	3.84	≤30.00	PASS
	Ant2	5825	2.72	≤30.00	PASS
	total	5825	6.33	≤29.00	PASS
11AX40MIMO	Ant1	5710_UNII-3	-2.2	≤30.00	PASS
	Ant2	5710_UNII-3	-1.66	≤30.00	PASS
	total	5710_UNII-3	1.09	≤29.00	PASS
	Ant1	5755	2.05	≤30.00	PASS
	Ant2	5755	1.23	≤30.00	PASS
	total	5755	4.67	≤29.00	PASS
	Ant1	5795	1.13	≤30.00	PASS
	Ant2	5795	0.21	≤30.00	PASS
	total	5795	3.70	≤29.00	PASS
11AX80MIMO	Ant1	5690_UNII-3	-6.24	≤30.00	PASS
	Ant2	5690_UNII-3	-6.54	≤30.00	PASS
	total	5690_UNII-3	-3.38	≤29.00	PASS
	Ant1	5775	-1.37	≤30.00	PASS
	Ant2	5775	-2.45	≤30.00	PASS
	total	5775	1.13	≤29.00	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 =7.45dBi＞66dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:4.1829dBi; Ant.2:4.6852dBi)

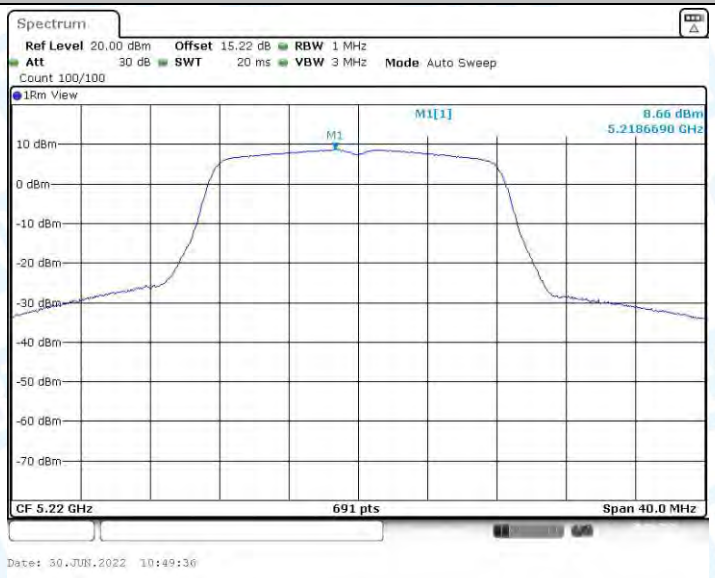
So Pout = Plimit-(G_{TX}-6)]=(30-1.00)dBm/500KHz =29.00dBm/500KHz For U-NII-3: 5745MHz-5825MHz

The Duty Cycle Factor and RBW Factor is compensated in the graph.

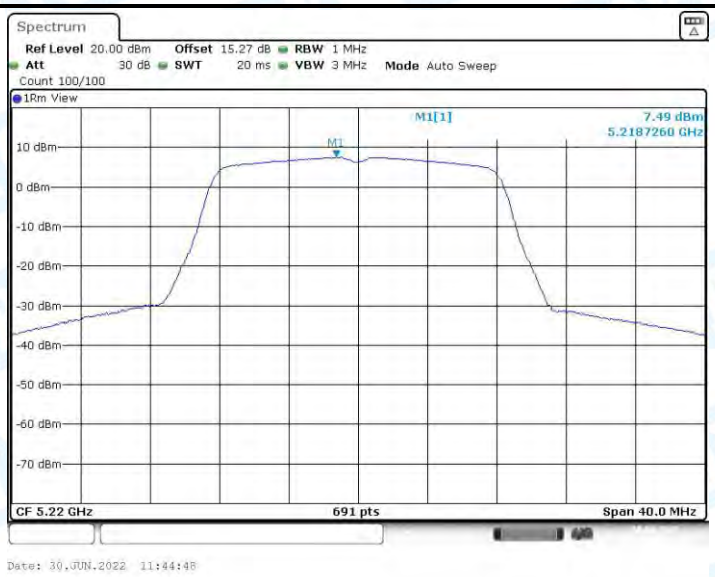
5.2.Test Graphs

11A_Ant1_5180

11A_Ant2_5180

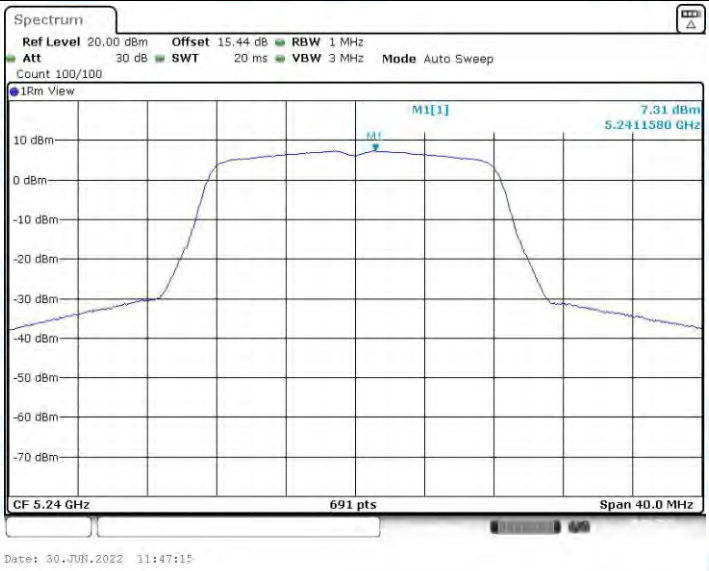


11A_Ant1_5220

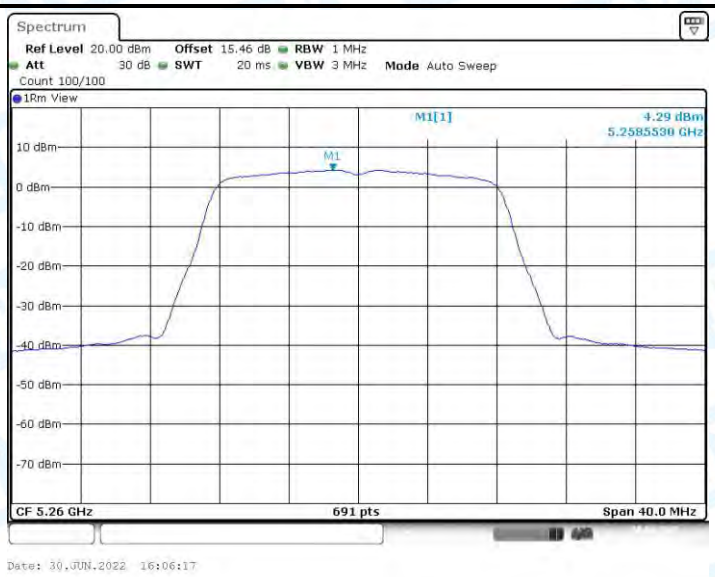


11A_Ant2_5220

11A_Ant1_5240



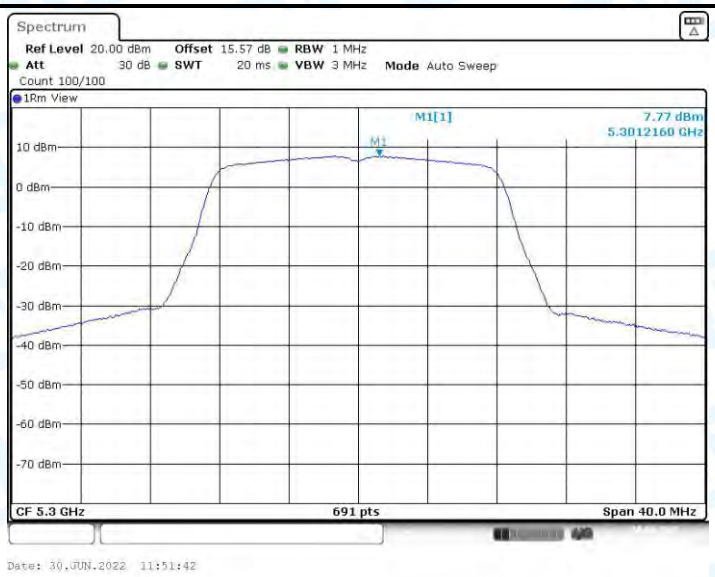
11A_Ant2_5240



11A_Ant1_5260

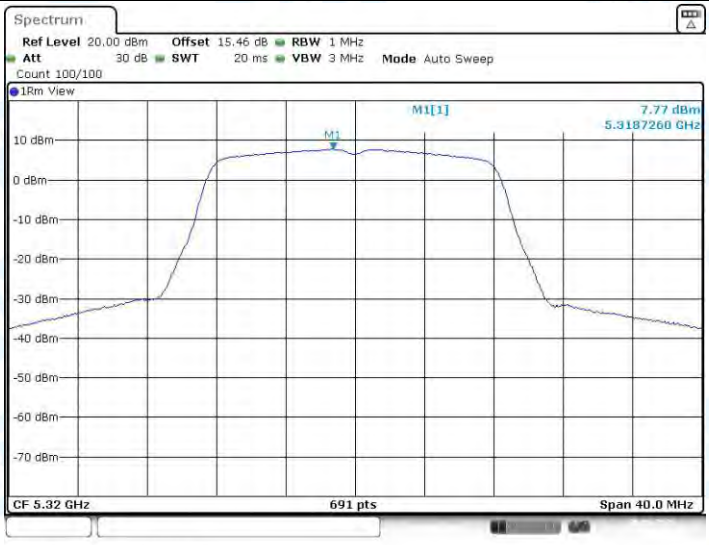
11A_Ant2_5260

11A_Ant1_5300

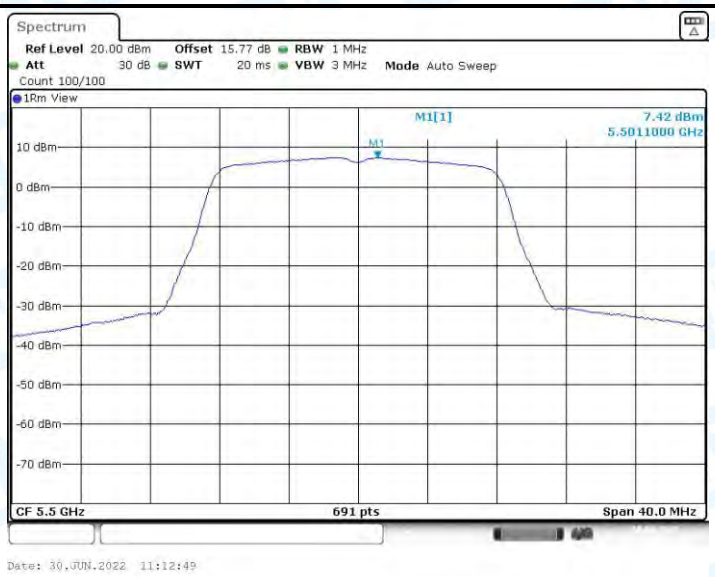


11A_Ant2_5300

11A_Ant1_5320



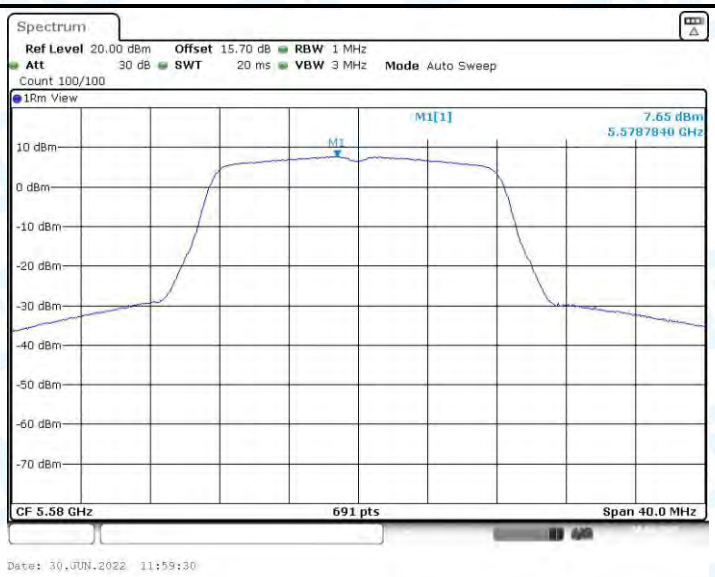
11A_Ant2_5320



11A_Ant1_5500

11A_Ant2_5500

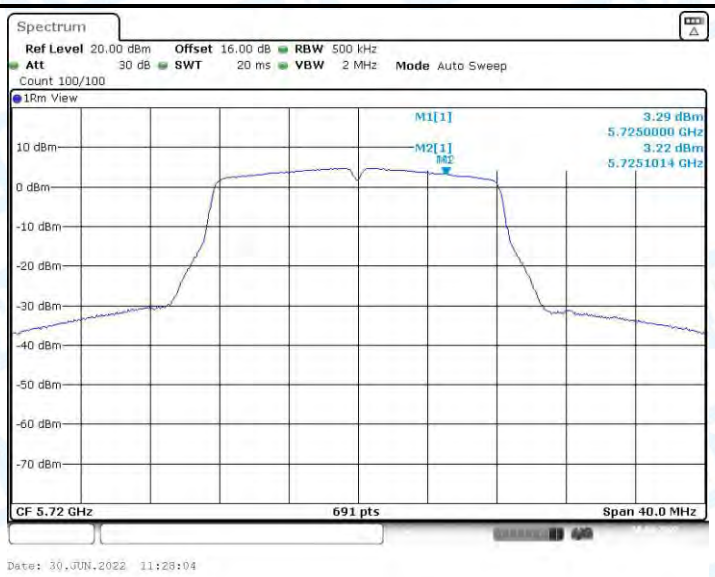
11A_Ant1_5580



11A_Ant2_5580

11A_Ant1_5720_UNII-2C

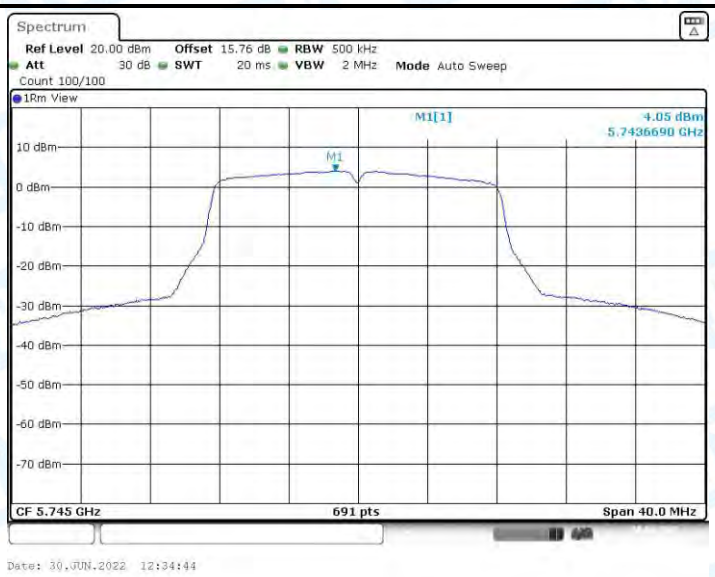
11A_Ant2_5720_UNII-2C



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

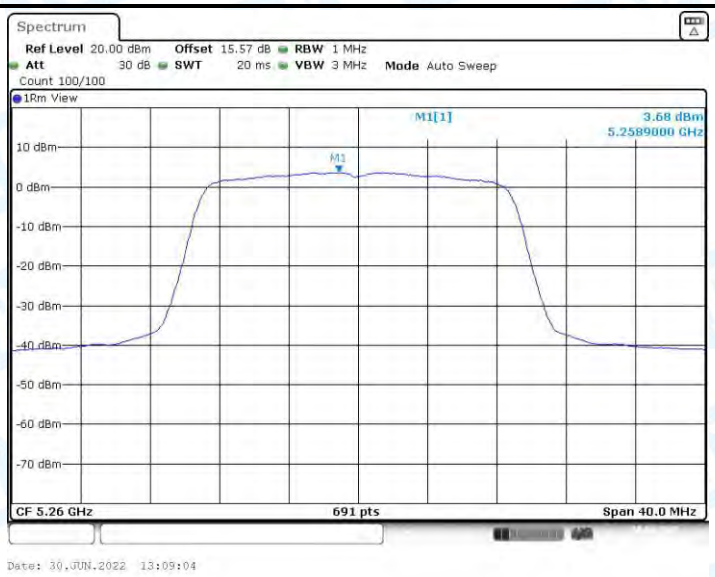
11N20MIMO_Ant1_5220

11N20MIMO_Ant2_5220

11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260



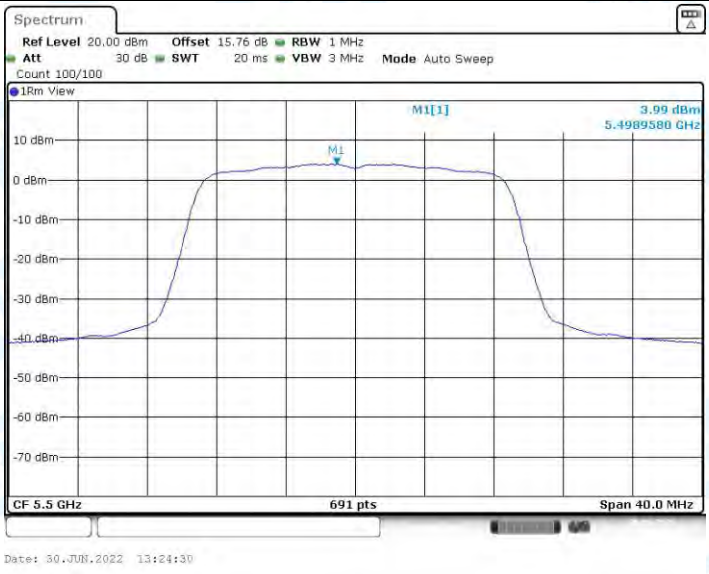
11N20MIMO_Ant2_5260

11N20MIMO_Ant1_5300

11N20MIMO_Ant2_5300

11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320

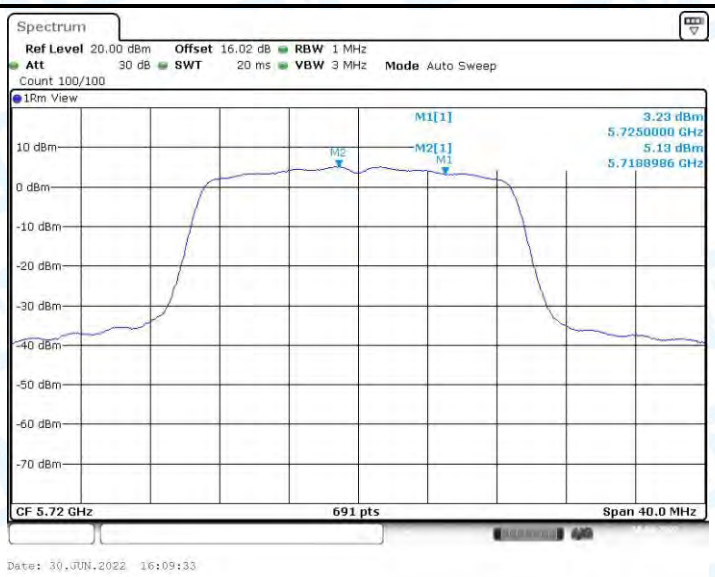


11N20MIMO_Ant1_5500

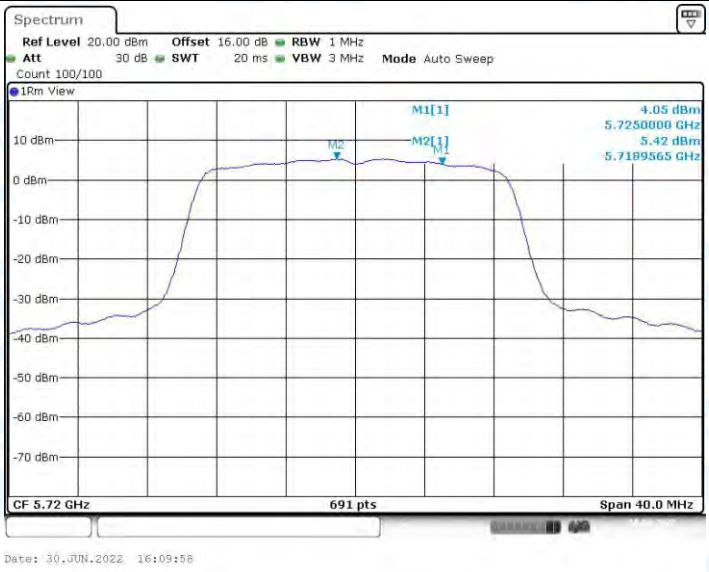
11N20MIMO_Ant2_5500

11N20MIMO_Ant1_5580

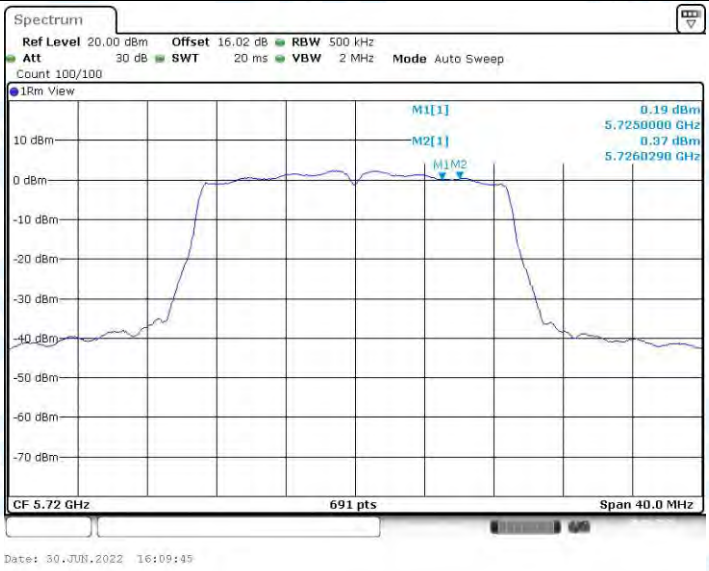
11N20MIMO_Ant2_5580



11N20MIMO_Ant1_5720_UNII-2C



11N20MIMO_Ant2_5720_UNII-2C



11N20MIMO_Ant1_5720_UNII-3

11N20MIMO_Ant2_5720_UNII-3

11N20MIMO_Ant1_5745

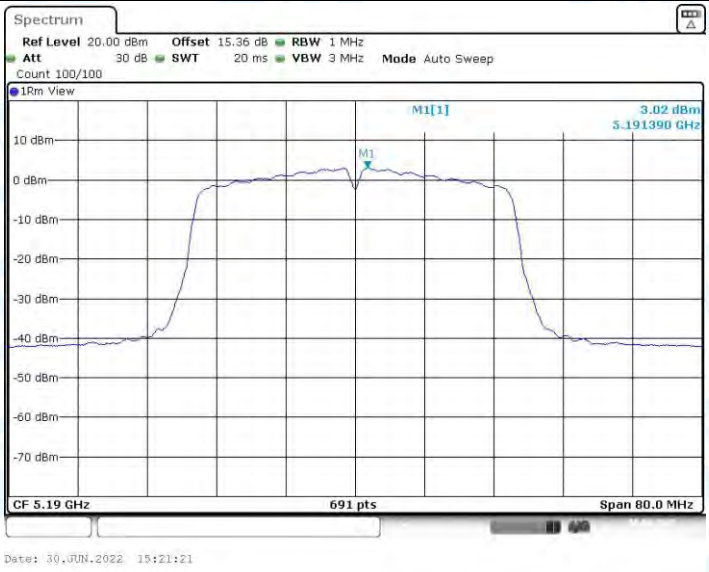
11N20MIMO_Ant2_5745

11N20MIMO_Ant1_5785

11N20MIMO_Ant2_5785

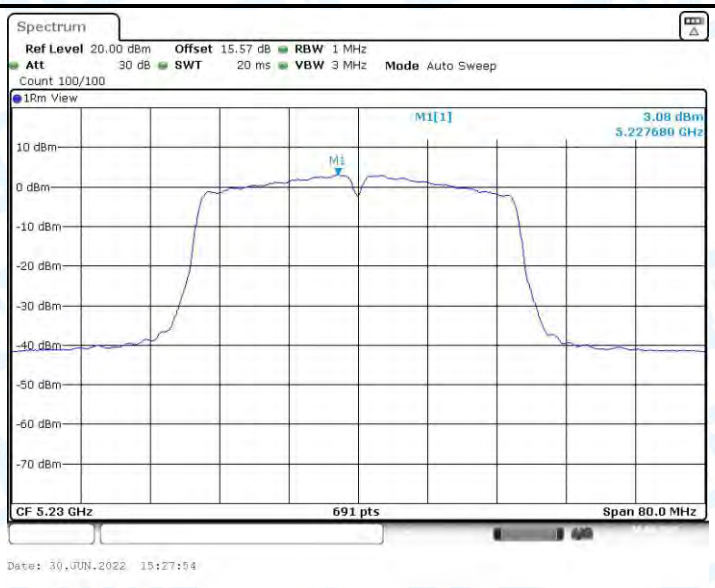
11N20MIMO_Ant1_5825

11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190

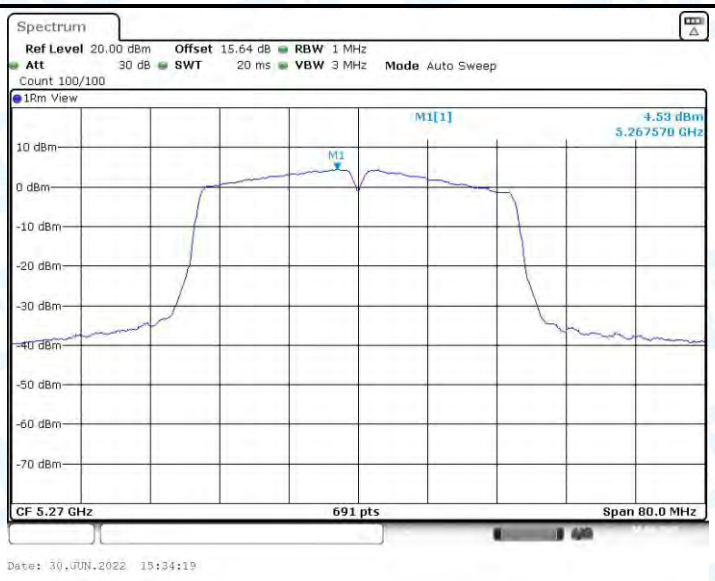
11N40MIMO_Ant2_5190



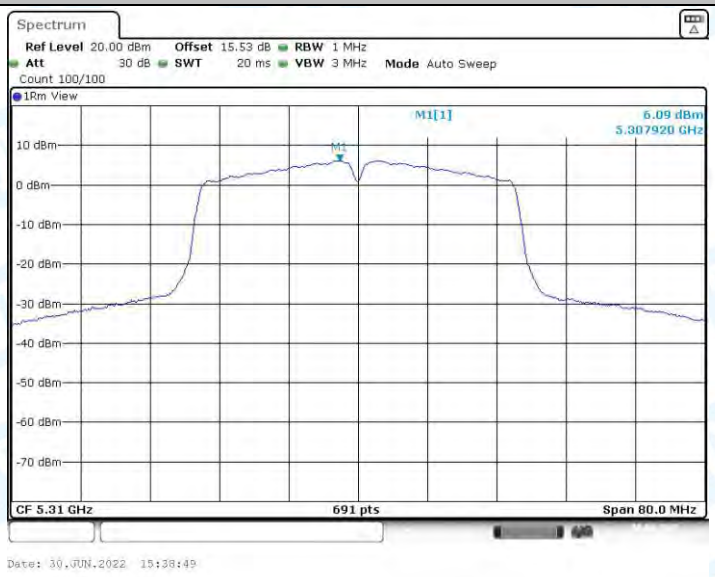
11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

11N40MIMO_Ant1_5270

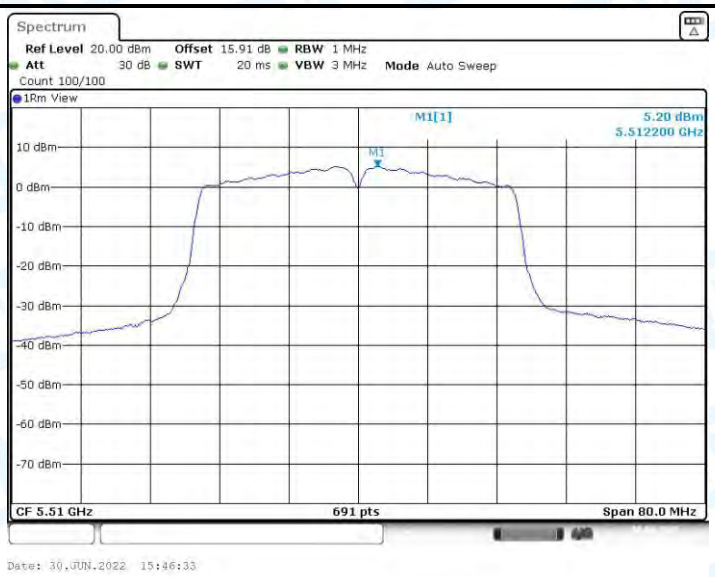


11N40MIMO_Ant2_5270

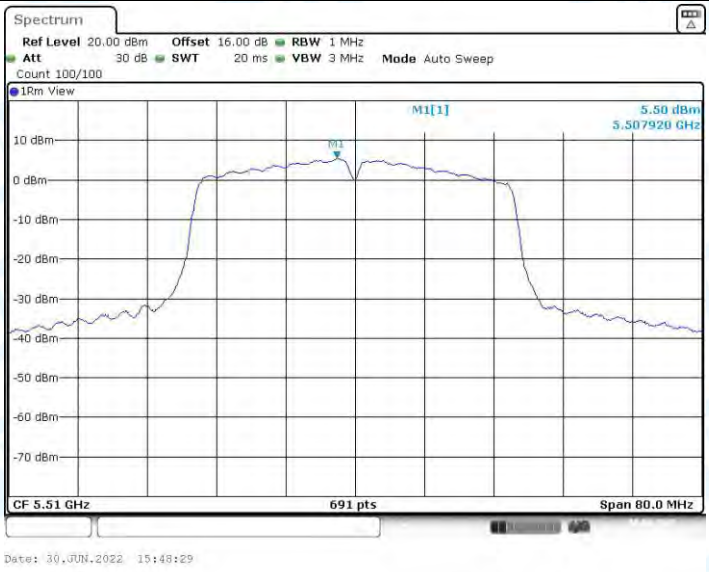


11N40MIMO_Ant1_5310

11N40MIMO_Ant2_5310

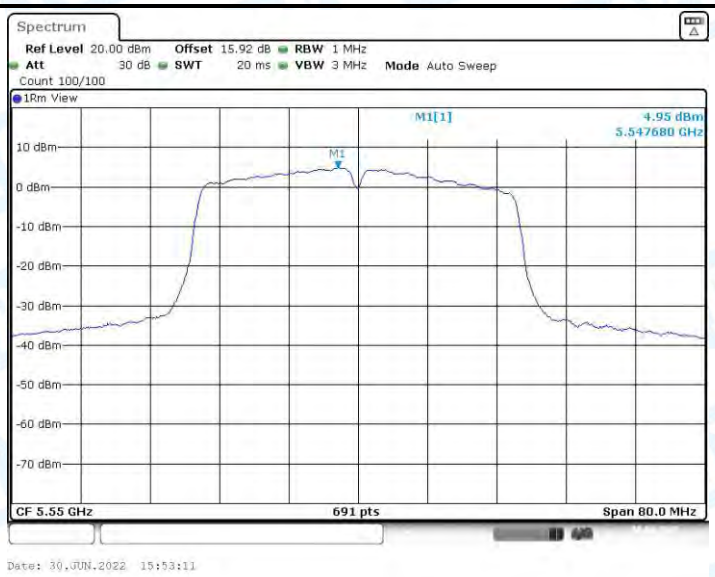


11N40MIMO_Ant1_5510



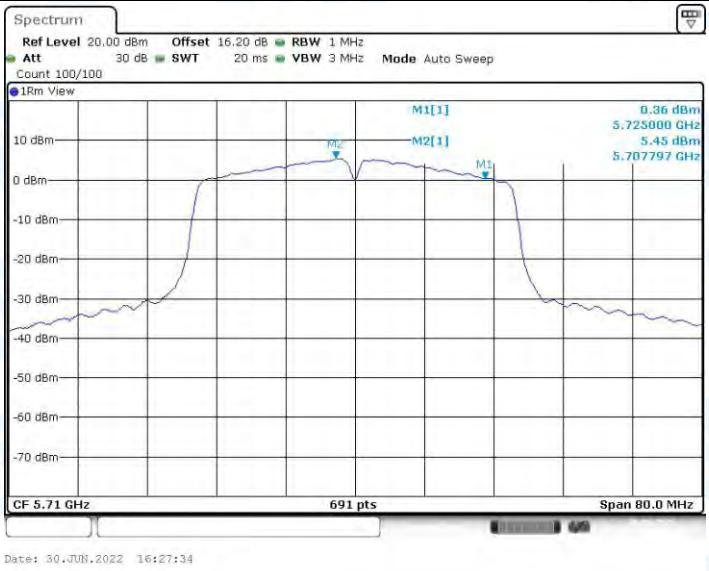
11N40MIMO_Ant2_5510

11N40MIMO_Ant1_5550

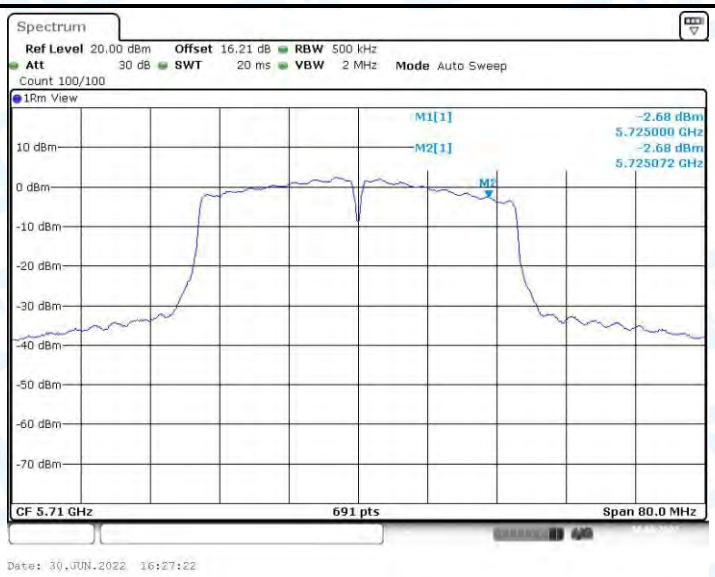


11N40MIMO_Ant2_5550

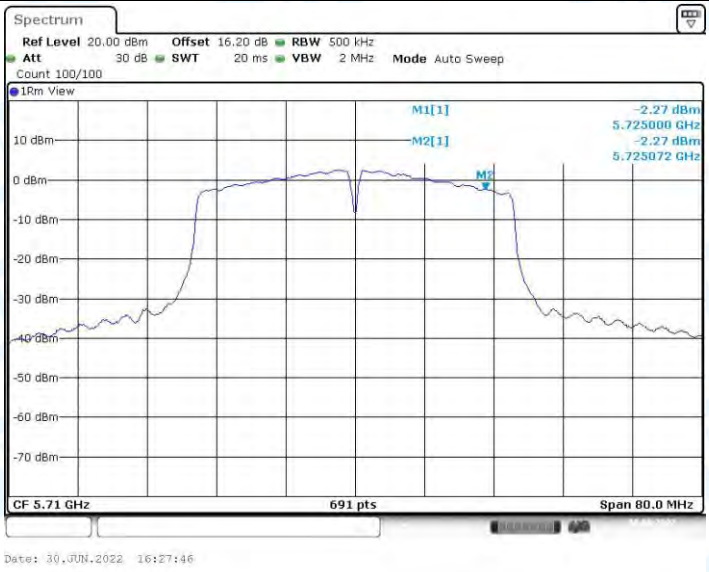
11N40MIMO_Ant1_5710_UNII-2C



11N40MIMO_Ant2_5710_UNII-2C

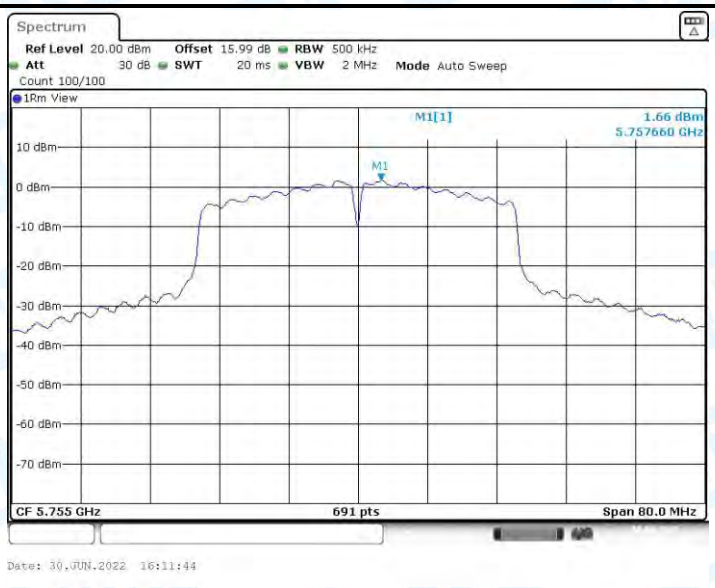


11N40MIMO_Ant1_5710_UNII-3



11N40MIMO_Ant2_5710_UNII-3

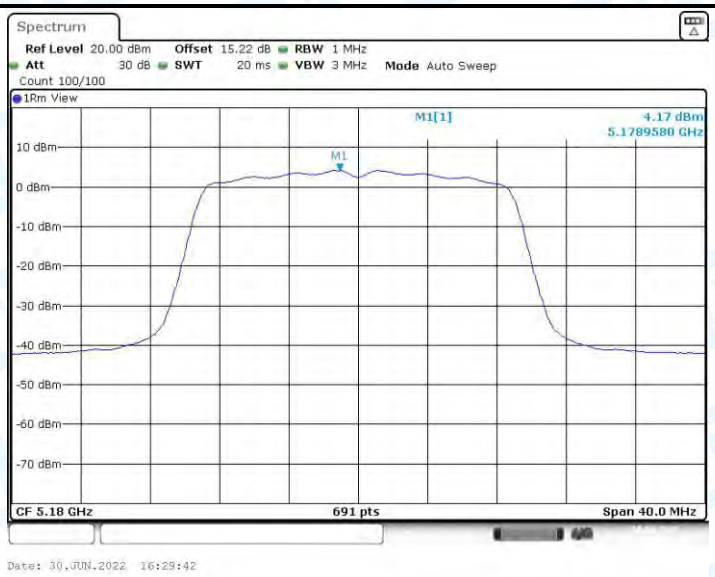
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755

11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180

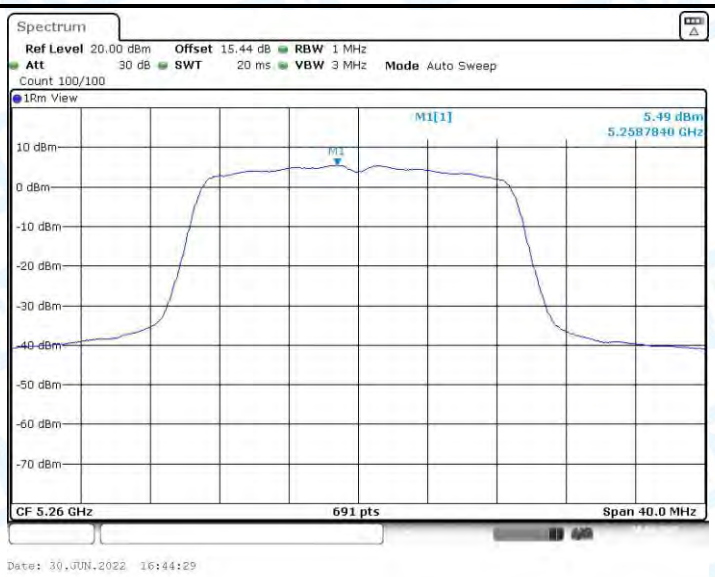
11AC20MIMO_Ant2_5180

11AC20MIMO_Ant1_5220

11AC20MIMO_Ant2_5220

11AC20MIMO_Ant1_5240

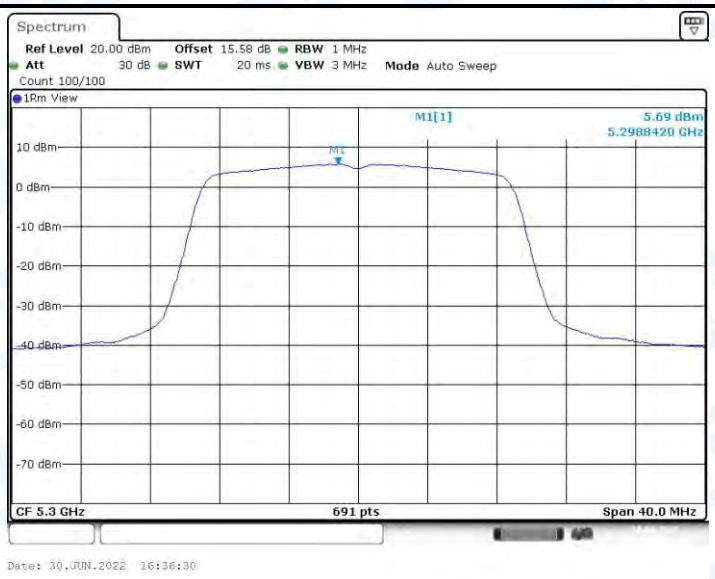
11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260

11AC20MIMO_Ant2_5260

11AC20MIMO_Ant1_5300



11AC20MIMO_Ant2_5300

11AC20MIMO_Ant1_5320

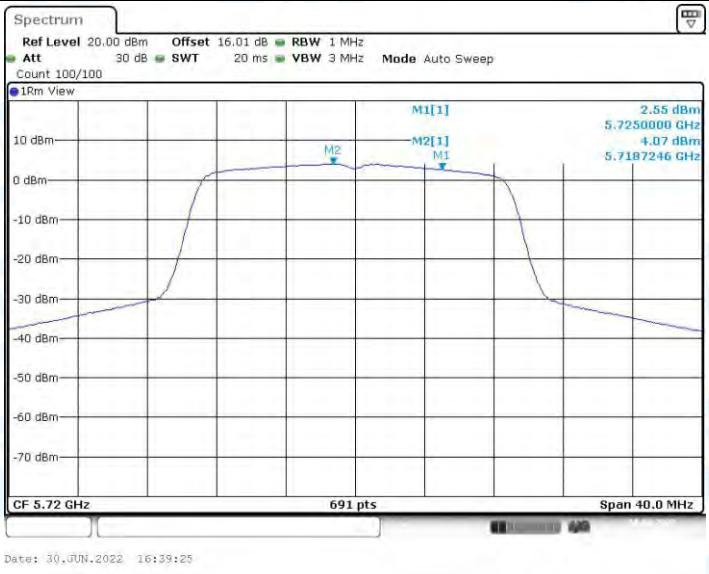
11AC20MIMO_Ant2_5320

11AC20MIMO_Ant1_5500

11AC20MIMO_Ant2_5500

11AC20MIMO_Ant1_5580

11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5720_UNII-2C

11AC20MIMO_Ant2_5720_UNII-2C