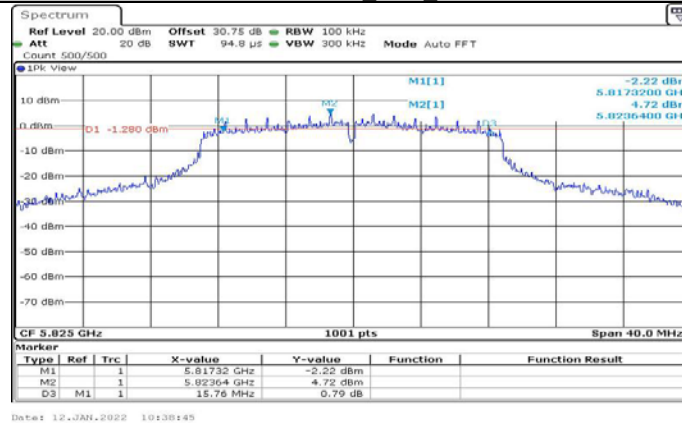
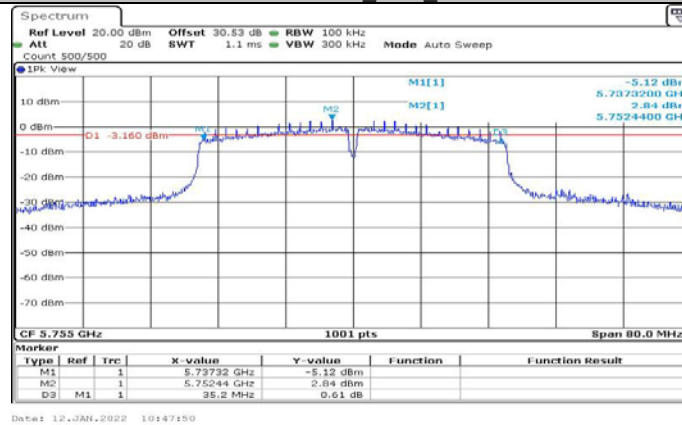


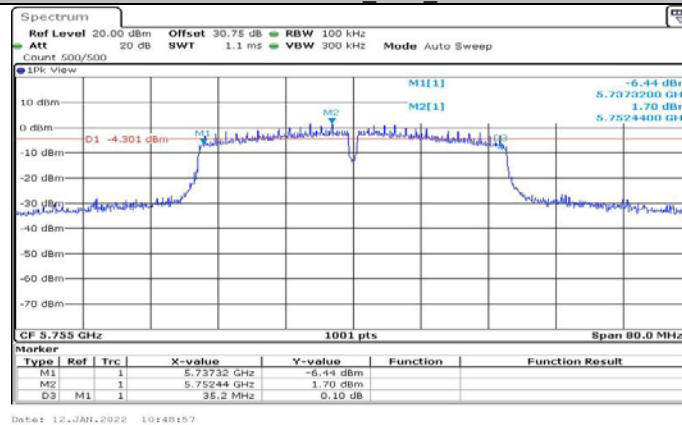
11AC20MIMO Ant2 5825



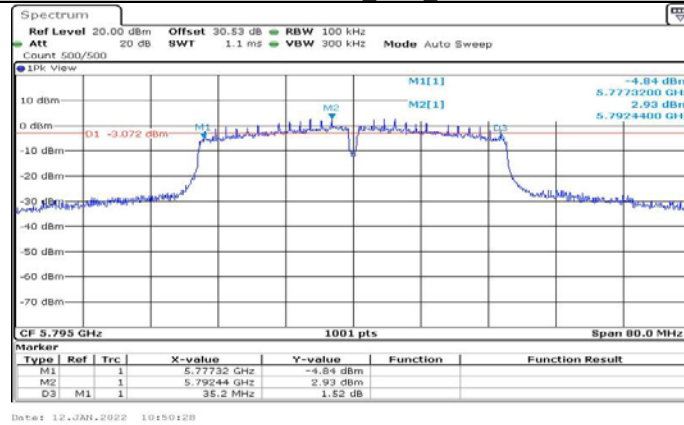
11AC40MIMO Ant1 5755



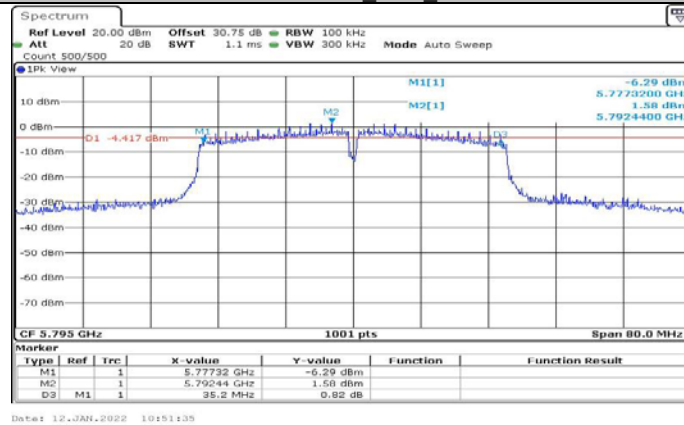
11AC40MIMO Ant2 5755



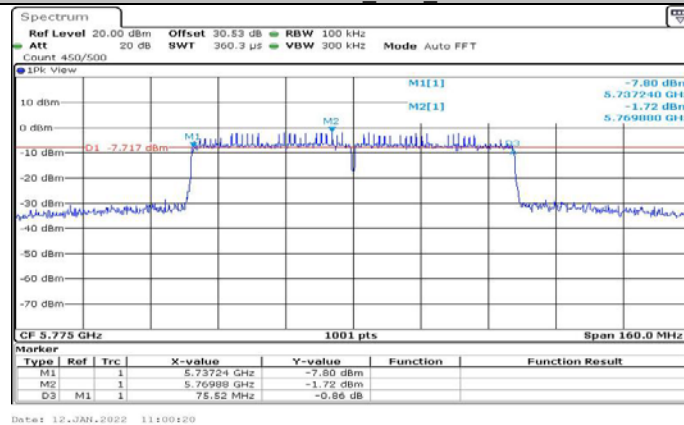
11AC40MIMO Ant1 5795



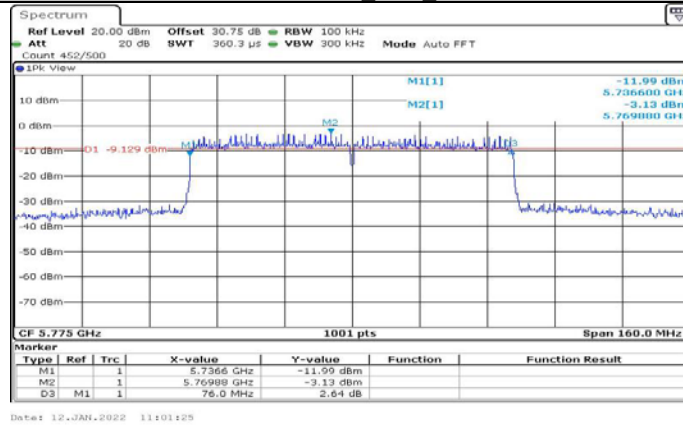
11AC40MIMO Ant2 5795



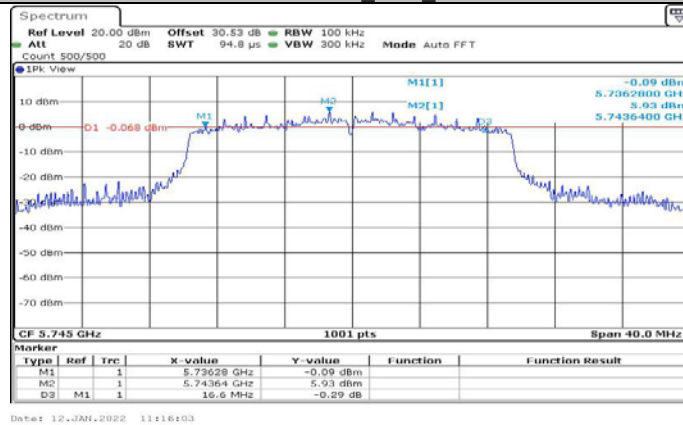
11AC80MIMO Ant1 5775



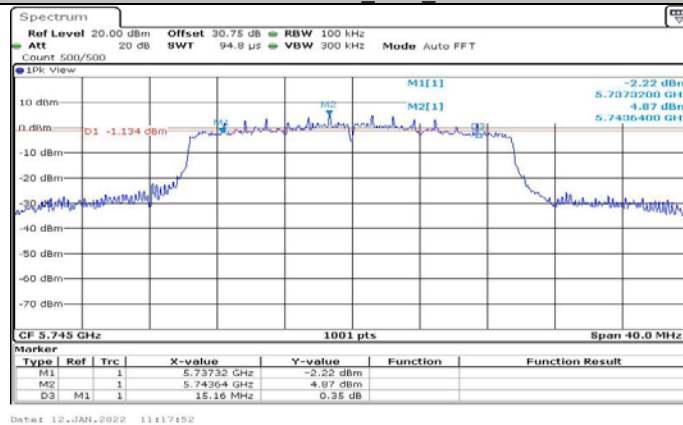
11AC80MIMO Ant2_5775



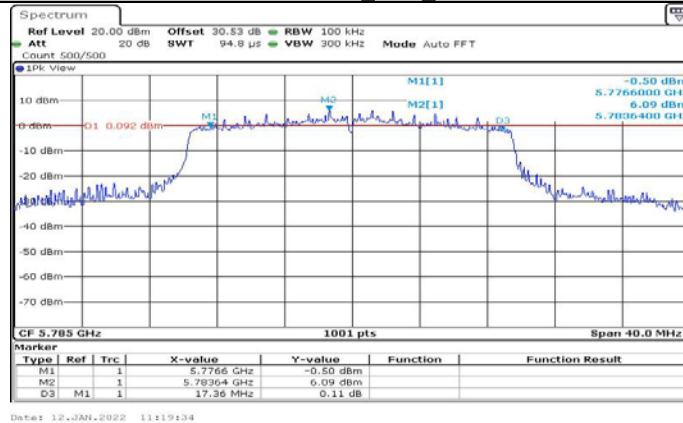
11AX20MIMO Ant1_5745



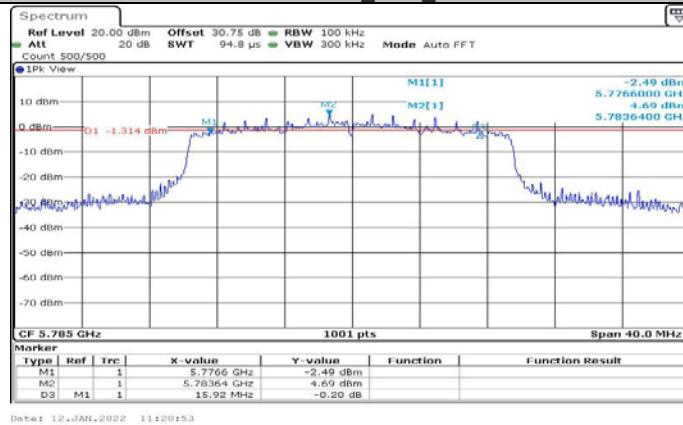
11AX20MIMO Ant2_5745



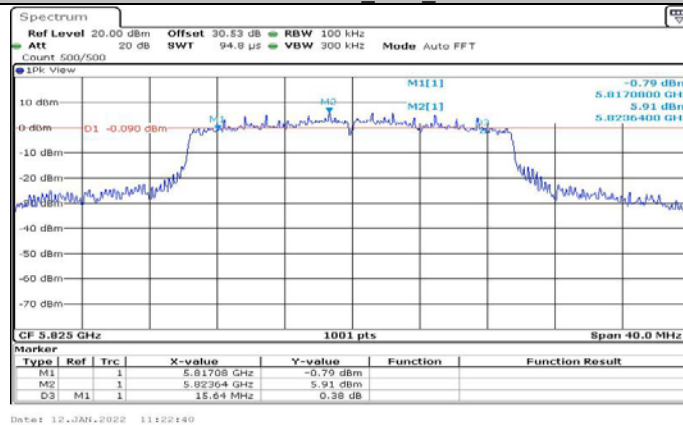
11AX20MIMO_Ant1_5785



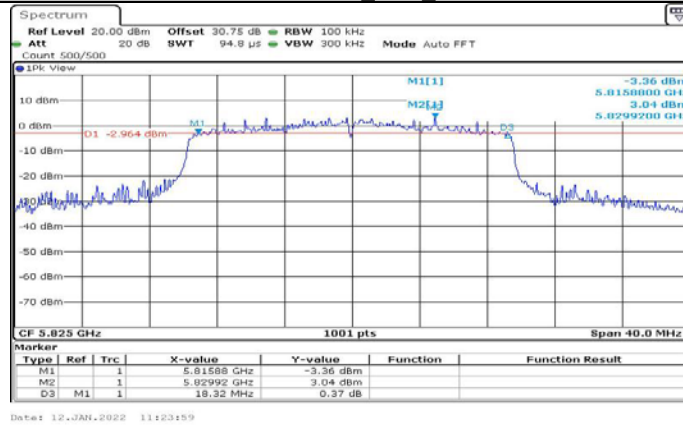
11AX20MIMO_Ant1_5785



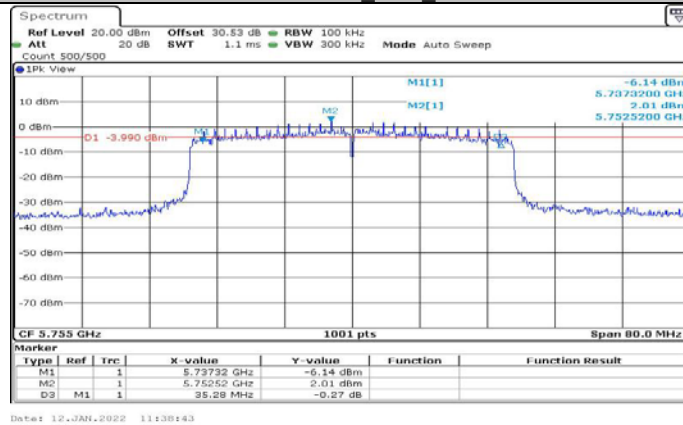
11AX20MIMO_Ant1_5825



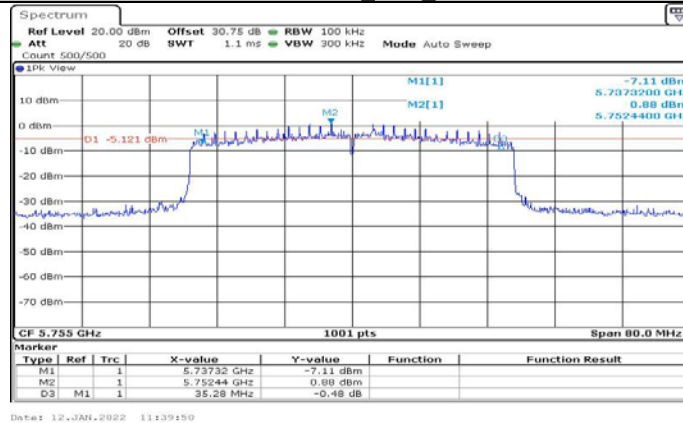
11AX20MIMO Ant1_5825



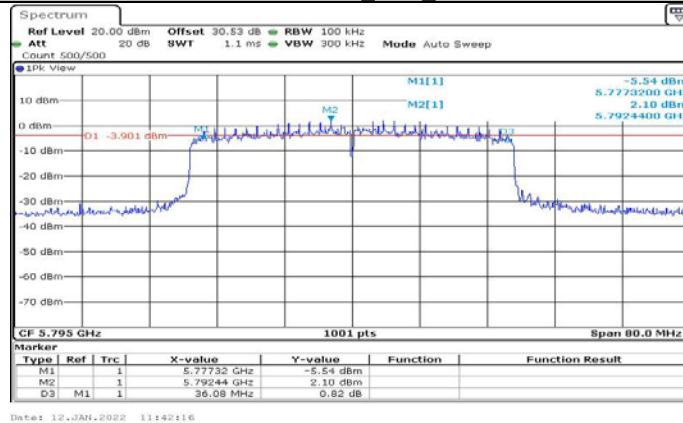
11AX40MIMO Ant1_5755



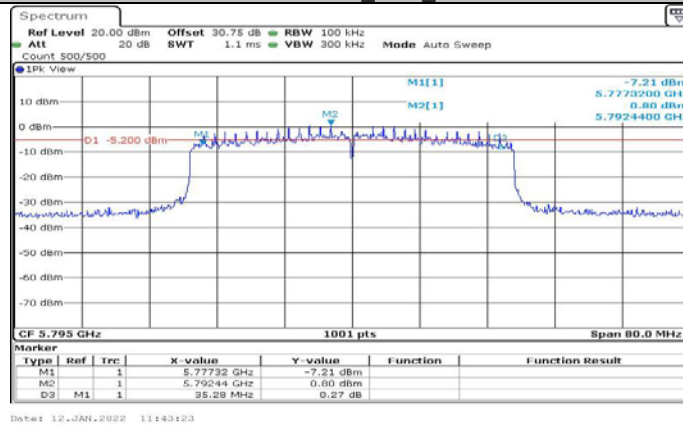
11AX40MIMO Ant2_5755



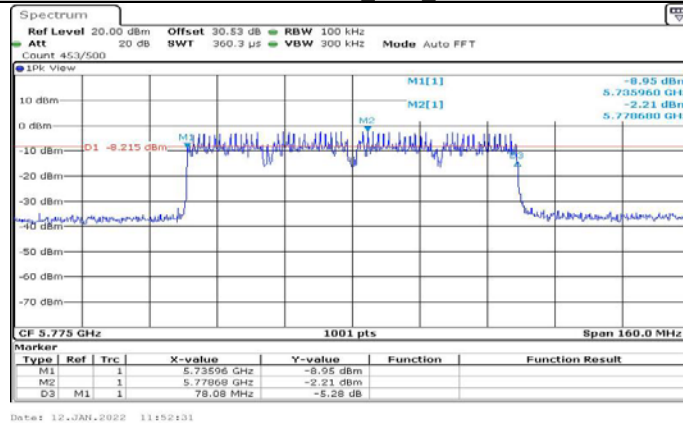
11AX40MIMO_Ant1_5795

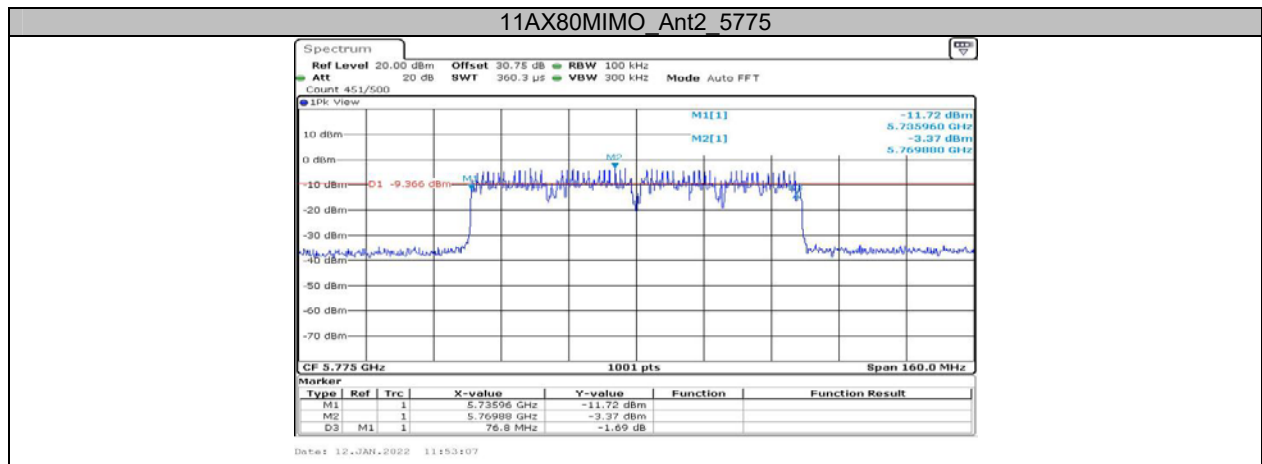


11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775





Appendix B: Maximum conducted output power Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	5180	7.76	≤23.98	PASS
	Ant2	5180	5.31	≤23.98	PASS
	total	5180	9.7	≤23.98	PASS
	Ant1	5200	7.45	≤23.98	PASS
	Ant2	5200	8.77	≤23.98	PASS
	total	5200	11.2	≤23.98	PASS
	Ant1	5240	6.98	≤23.98	PASS
	Ant2	5240	8.11	≤23.98	PASS
	total	5240	10.6	≤23.98	PASS
	Ant1	5745	18.38	≤30	PASS
	Ant2	5745	17.60	≤30	PASS
	total	5745	21.0	≤30	PASS
	Ant1	5785	18.45	≤30	PASS
	Ant2	5785	17.43	≤30	PASS
	total	5785	21.0	≤30	PASS
	Ant1	5825	18.42	≤30	PASS
	Ant2	5825	17.16	≤30	PASS
	total	5825	20.8	≤30	PASS
11N20MIMO	Ant1	5180	7.06	≤23.98	PASS
	Ant2	5180	7.50	≤23.98	PASS
	total	5180	10.3	≤23.98	PASS
	Ant1	5200	8.22	≤23.98	PASS
	Ant2	5200	7.63	≤23.98	PASS
	total	5200	10.9	≤23.98	PASS
	Ant1	5240	8.00	≤23.98	PASS
	Ant2	5240	6.11	≤23.98	PASS
	total	5240	10.2	≤23.98	PASS
	Ant1	5745	17.41	≤30	PASS
	Ant2	5745	16.58	≤30	PASS
	total	5745	20.0	≤30	PASS
	Ant1	5785	17.35	≤30	PASS
	Ant2	5785	16.38	≤30	PASS
	total	5785	19.9	≤30	PASS
	Ant1	5825	17.35	≤30	PASS
	Ant2	5825	16.11	≤30	PASS
	total	5825	19.8	≤30	PASS
11N40MIMO	Ant1	5190	9.78	≤23.98	PASS
	Ant2	5190	9.99	≤23.98	PASS
	total	5190	12.9	≤23.98	PASS
	Ant1	5230	9.80	≤23.98	PASS
	Ant2	5230	9.52	≤23.98	PASS
	total	5230	12.7	≤23.98	PASS
	Ant1	5755	16.80	≤30	PASS
	Ant2	5755	15.82	≤30	PASS
	total	5755	19.3	≤30	PASS
	Ant1	5795	16.79	≤30	PASS
	Ant2	5795	15.69	≤30	PASS
	total	5795	19.3	≤30	PASS
11AC20MIMO	Ant1	5180	8.11	≤23.98	PASS
	Ant2	5180	7.88	≤23.98	PASS
	total	5180	11.0	≤23.98	PASS
	Ant1	5200	8.03	≤23.98	PASS
	Ant2	5200	8.72	≤23.98	PASS
	total	5200	11.4	≤23.98	PASS
	Ant1	5240	7.16	≤23.98	PASS

	Ant2	5240	6.61	≤23.98	PASS
	total	5240	9.9	≤23.98	PASS
	Ant1	5745	17.50	≤30	PASS
	Ant2	5745	16.59	≤30	PASS
	total	5745	20.1	≤30	PASS
	Ant1	5785	17.38	≤30	PASS
	Ant2	5785	16.32	≤30	PASS
	total	5785	19.9	≤30	PASS
	Ant1	5825	17.34	≤30	PASS
	Ant2	5825	16.14	≤30	PASS
11AC40MIMO	total	5825	19.8	≤30	PASS
	Ant1	5190	11.37	≤23.98	PASS
	Ant2	5190	10.79	≤23.98	PASS
	total	5190	14.1	≤23.98	PASS
	Ant1	5230	10.88	≤23.98	PASS
	Ant2	5230	11.01	≤23.98	PASS
	total	5230	14.0	≤23.98	PASS
	Ant1	5755	16.87	≤30	PASS
	Ant2	5755	15.84	≤30	PASS
	total	5755	19.4	≤30	PASS
11AC80MIMO	Ant1	5795	16.79	≤30	PASS
	Ant2	5795	15.63	≤30	PASS
	total	5795	19.3	≤30	PASS
	Ant1	5210	8.45	≤23.98	PASS
	Ant2	5210	8.52	≤23.98	PASS
11AX20MIMO	total	5210	11.5	≤23.98	PASS
	Ant1	5775	16.54	≤30	PASS
	Ant2	5775	15.47	≤30	PASS
	total	5775	19.0	≤30	PASS
	Ant1	5180	8.25	≤23.98	PASS
	Ant2	5180	8.18	≤23.98	PASS
	total	5180	11.23	≤23.98	PASS
	Ant1	5200	8.24	≤23.98	PASS
	Ant2	5200	8.63	≤23.98	PASS
	total	5200	11.45	≤23.98	PASS
	Ant1	5240	7.95	≤23.98	PASS
	Ant2	5240	7.41	≤23.98	PASS
	total	5240	10.70	≤23.98	PASS
	Ant1	5745	17.81	≤30	PASS
	Ant2	5745	17.07	≤30	PASS
	total	5745	20.47	≤30	PASS
	Ant1	5785	17.77	≤30	PASS
	Ant2	5785	16.90	≤30	PASS
11AX40MIMO	total	5785	20.37	≤30	PASS
	Ant1	5825	17.90	≤30	PASS
	Ant2	5825	16.64	≤30	PASS
	total	5825	20.3	≤30	PASS
	Ant1	5190	11.38	≤23.98	PASS
	Ant2	5190	10.59	≤23.98	PASS
	total	5190	14.01	≤23.98	PASS
	Ant1	5230	11.41	≤23.98	PASS
	Ant2	5230	10.62	≤23.98	PASS
	total	5230	14.04	≤23.98	PASS
11AX80MIMO	Ant1	5755	17.14	≤30	PASS
	Ant2	5755	16.19	≤30	PASS
	total	5755	19.7	≤30	PASS
	Ant1	5795	16.54	≤30	PASS
	Ant2	5795	15.34	≤30	PASS
	total	5795	19.0	≤30	PASS
	Ant1	5210	8.35	≤23.98	PASS

	Ant2	5210	8.49	≤ 23.98	PASS
	total	5210	11.43	≤ 23.98	PASS
	Ant1	5775	17.44	≤ 30	PASS
	Ant2	5775	15.60	≤ 30	PASS
	total	5775	19.6	≤ 30	PASS

Note: the Duty Cycle Factor has added into the result.

EUT employ CCD.

Directional gain= G_{ANT} +array gain

For power measurement,

Array gain=0dB for $N_{ANT} \leq 4$

G_{ANT} =1.1dBi

Directional gain= 1.1dBi+0dB= 1.1dBi<6dBi

Appendix C: Maximum power spectral density Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	2.35	≤11	PASS
	Ant2	5180	2	≤11	PASS
	total	5180	5.19	≤11	PASS
	Ant1	5200	2.31	≤11	PASS
	Ant2	5200	2.8	≤11	PASS
	total	5200	5.57	≤11	PASS
	Ant1	5240	1.56	≤11	PASS
	Ant2	5240	2.39	≤11	PASS
	total	5240	5.01	≤11	PASS
	Ant1	5745	11.13	≤30	PASS
	Ant2	5745	10.9	≤30	PASS
	total	5745	14.03	≤30	PASS
	Ant1	5785	12.11	≤30	PASS
	Ant2	5785	11.36	≤30	PASS
	total	5785	14.76	≤30	PASS
	Ant1	5825	12.48	≤30	PASS
	Ant2	5825	11.22	≤30	PASS
	total	5825	14.91	≤30	PASS
11N20MIMO	Ant1	5180	0.87	≤11	PASS
	Ant2	5180	1.95	≤11	PASS
	total	5180	4.45	≤11	PASS
	Ant1	5200	1.72	≤11	PASS
	Ant2	5200	1.65	≤11	PASS
	total	5200	4.70	≤11	PASS
	Ant1	5240	1.94	≤11	PASS
	Ant2	5240	0.97	≤11	PASS
	total	5240	4.49	≤11	PASS
	Ant1	5745	10.11	≤30	PASS
	Ant2	5745	10.2	≤30	PASS
	total	5745	13.17	≤30	PASS
	Ant1	5785	9.82	≤30	PASS
	Ant2	5785	10.25	≤30	PASS
	total	5785	13.05	≤30	PASS
	Ant1	5825	10.35	≤30	PASS
	Ant2	5825	10.15	≤30	PASS
	total	5825	13.26	≤30	PASS
11N40MIMO	Ant1	5190	1.37	≤11	PASS
	Ant2	5190	1.86	≤11	PASS
	total	5190	4.63	≤11	PASS
	Ant1	5230	1.04	≤11	PASS
	Ant2	5230	1.46	≤11	PASS
	total	5230	4.27	≤11	PASS
	Ant1	5755	6.8	≤30	PASS
	Ant2	5755	6.83	≤30	PASS
	total	5755	9.83	≤30	PASS
	Ant1	5795	7.28	≤30	PASS
	Ant2	5795	6.59	≤30	PASS
	total	5795	9.96	≤30	PASS
11AC20MIMO	Ant1	5180	2.01	≤11	PASS
	Ant2	5180	1.76	≤11	PASS
	total	5180	4.90	≤11	PASS
	Ant1	5200	1.57	≤11	PASS
	Ant2	5200	2.04	≤11	PASS
	total	5200	4.82	≤11	PASS
	Ant1	5240	1.25	≤11	PASS

	Ant2	5240	1.13	≤11	PASS
	total	5240	4.20	≤11	PASS
	Ant1	5745	9.97	≤30	PASS
	Ant2	5745	10.3	≤30	PASS
	total	5745	13.15	≤30	PASS
	Ant1	5785	10.05	≤30	PASS
	Ant2	5785	10.48	≤30	PASS
	total	5785	13.28	≤30	PASS
	Ant1	5825	10.5	≤30	PASS
	Ant2	5825	10.02	≤30	PASS
11AC40MIMO	total	5825	13.28	≤30	PASS
	Ant1	5190	2.38	≤11	PASS
	Ant2	5190	2.03	≤11	PASS
	total	5190	5.22	≤11	PASS
	Ant1	5230	1.87	≤11	PASS
	Ant2	5230	2.01	≤11	PASS
	total	5230	4.95	≤11	PASS
	Ant1	5755	6.39	≤30	PASS
	Ant2	5755	6.79	≤30	PASS
	total	5755	9.60	≤30	PASS
11AC80MIMO	Ant1	5795	7.47	≤30	PASS
	Ant2	5795	7.28	≤30	PASS
	total	5795	10.39	≤30	PASS
	Ant1	5210	1.42	≤11	PASS
	Ant2	5210	1.23	≤11	PASS
11AX20MIMO	total	5210	4.34	≤11	PASS
	Ant1	5775	3.41	≤30	PASS
	Ant2	5775	2.61	≤30	PASS
	total	5775	6.04	≤30	PASS
	Ant1	5180	2.19	≤11	PASS
	Ant2	5180	2.7	≤11	PASS
	total	5180	5.46	≤11	PASS
	Ant1	5200	1.81	≤11	PASS
	Ant2	5200	3.01	≤11	PASS
	total	5200	5.46	≤11	PASS
	Ant1	5240	1.49	≤11	PASS
	Ant2	5240	1.87	≤11	PASS
	total	5240	4.69	≤11	PASS
	Ant1	5745	9.45	≤30	PASS
	Ant2	5745	9.94	≤30	PASS
	total	5745	12.71	≤30	PASS
11AX40MIMO	Ant1	5785	10.55	≤30	PASS
	Ant2	5785	10.12	≤30	PASS
	total	5785	13.35	≤30	PASS
	Ant1	5825	9.9	≤30	PASS
	Ant2	5825	10.44	≤30	PASS
	total	5825	13.19	≤30	PASS
	Ant1	5190	2.08	≤11	PASS
	Ant2	5190	2.45	≤11	PASS
	total	5190	5.28	≤11	PASS
	Ant1	5230	2.46	≤11	PASS
11AX80MIMO	Ant2	5230	2.16	≤11	PASS
	total	5230	5.32	≤11	PASS
	Ant1	5755	6.63	≤30	PASS
	Ant2	5755	6.05	≤30	PASS
	total	5755	9.36	≤30	PASS
	Ant1	5795	7.36	≤30	PASS
	Ant2	5795	8.17	≤30	PASS
	total	5795	10.79	≤30	PASS
11AX80MIMO	Ant1	5210	0.91	≤11	PASS

	Ant2	5210	1.49	≤ 11	PASS
	total	5210	4.22	≤ 11	PASS
	Ant1	5775	2.88	≤ 30	PASS
	Ant2	5775	2.95	≤ 30	PASS
	total	5775	5.93	≤ 30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor Factor is compensated in the graph.

EUT employ CCD.

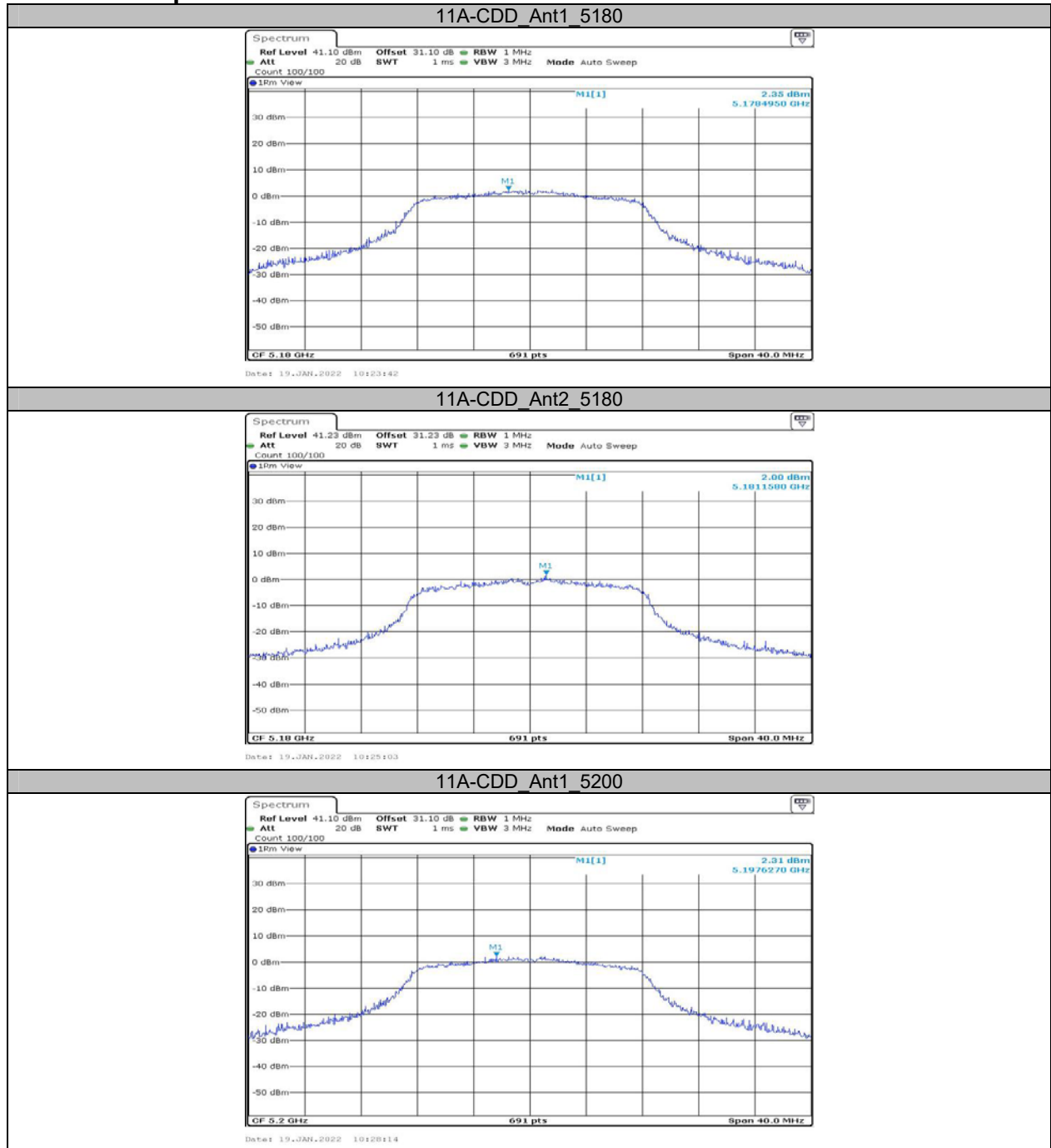
Directional gain= G_{ANT} +array gain

For power spectrak density(PSD) measurement,

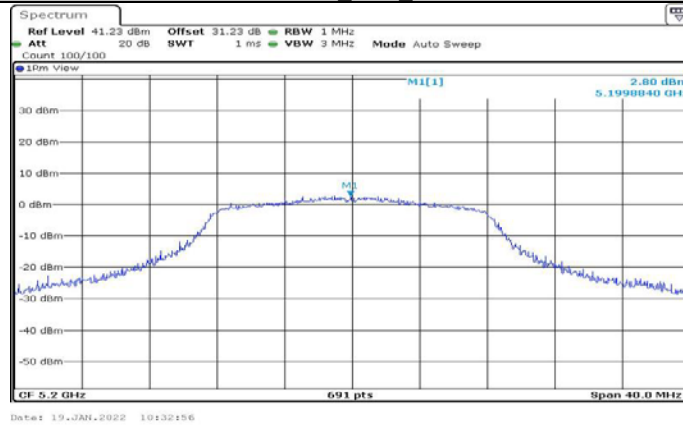
Array gain= $10\log(N_{ANT})$ dB

$G_{ANT}=1.1\text{dBi}$, $N_{ANT}=2$

Directional gain= $1.1\text{dBi}+10\log 2\text{dB}=4.1\text{dBi}<6\text{dBi}$

Test Graphs

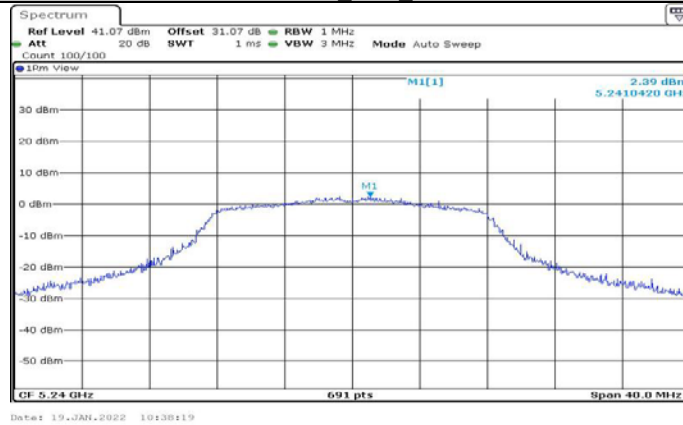
11A-CDD_Ant2_5200



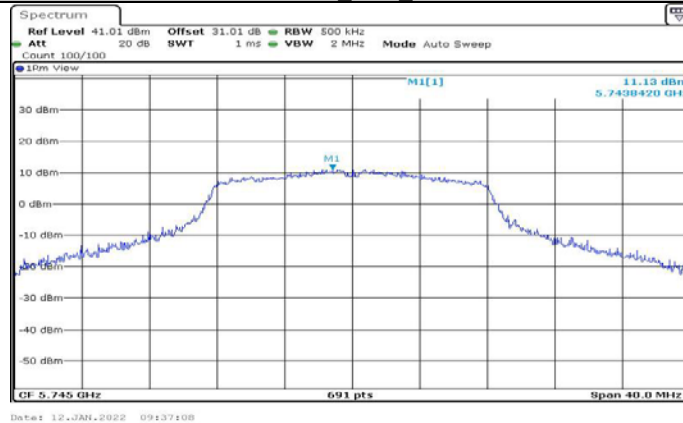
11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



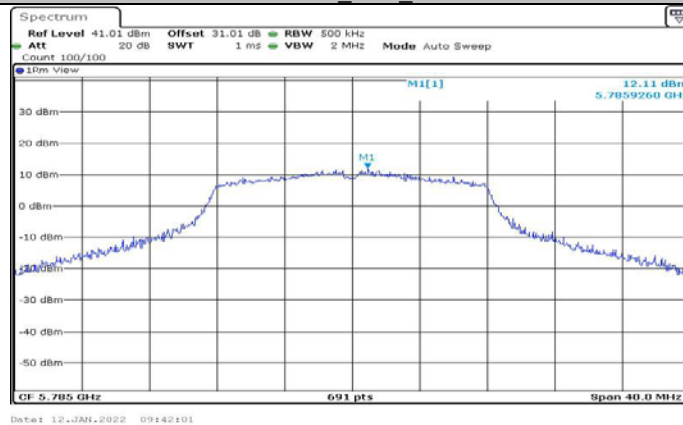
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



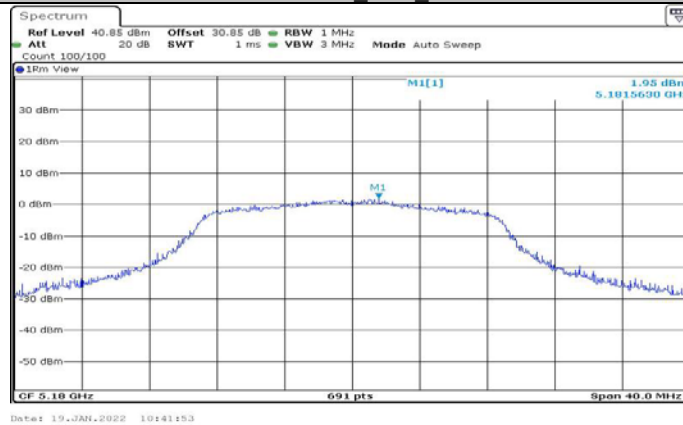
11A-CDD_Ant2_5825



11N20MIMO_Ant1_5180



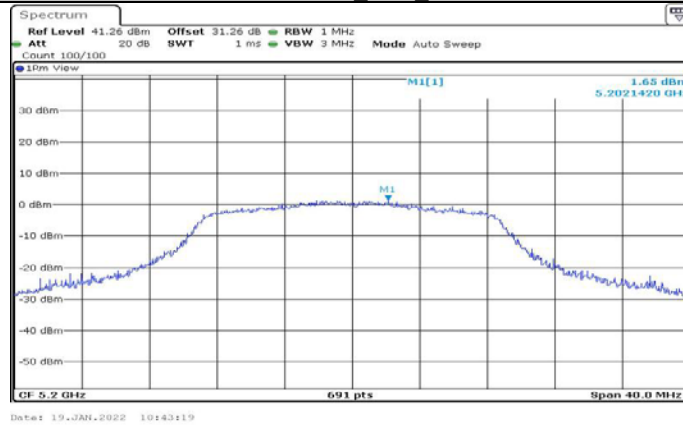
11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



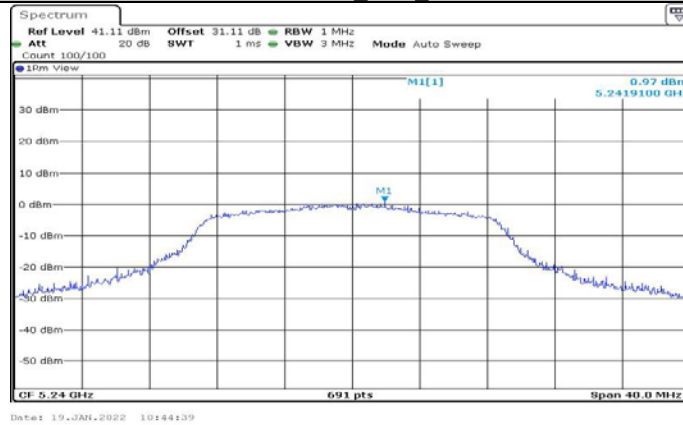
11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



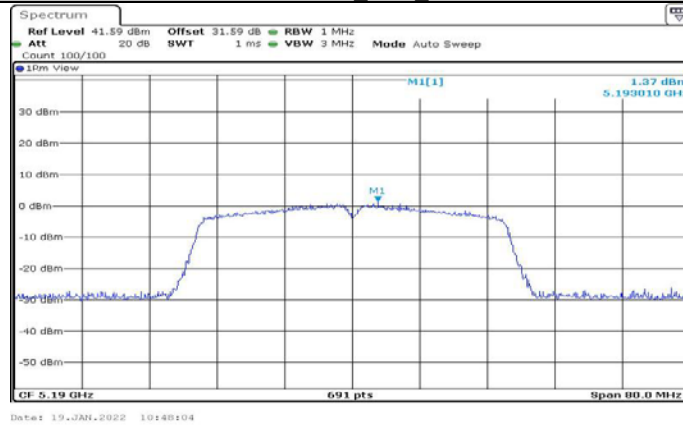
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



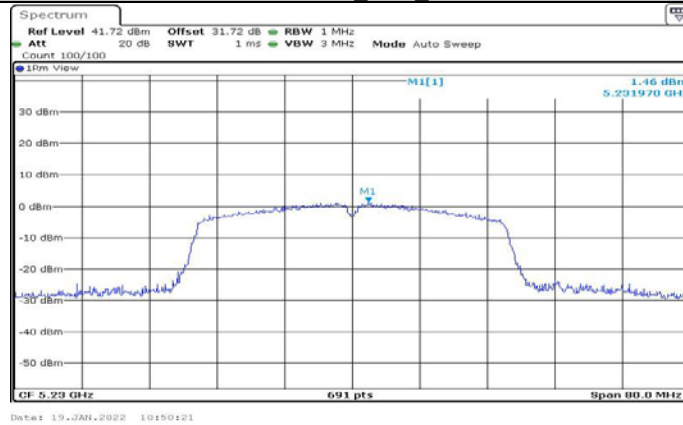
11N40MIMO_Ant2_5190



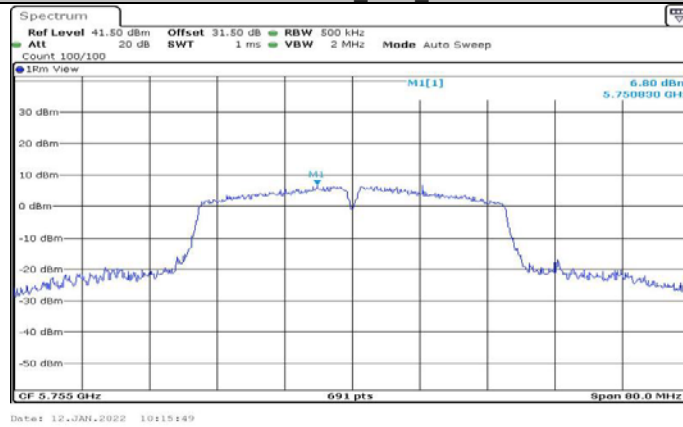
11N40MIMO_Ant1_5230



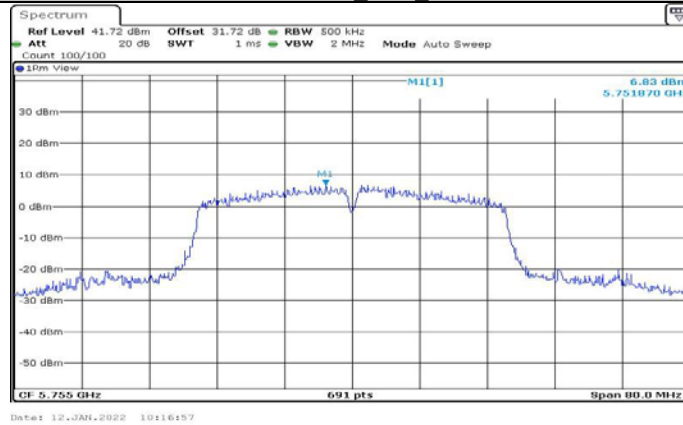
11N40MIMO_Ant2_5230



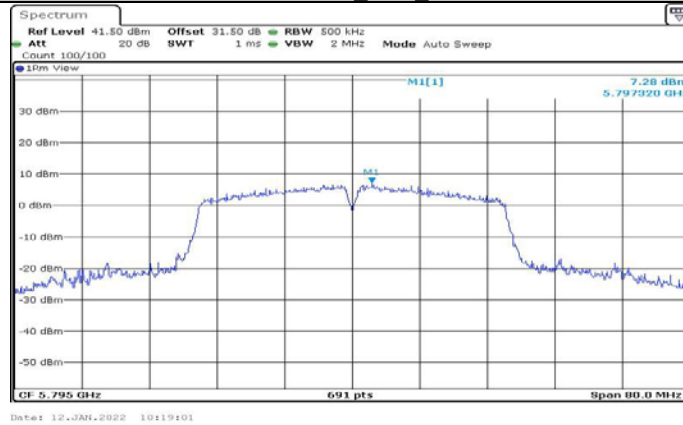
11N40MIMO_Ant1_5755



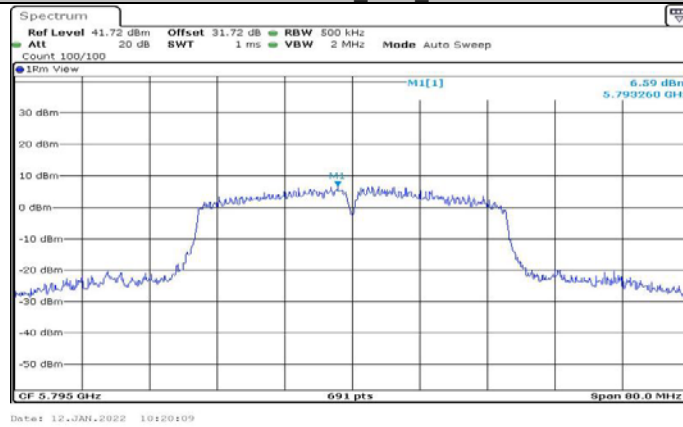
11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



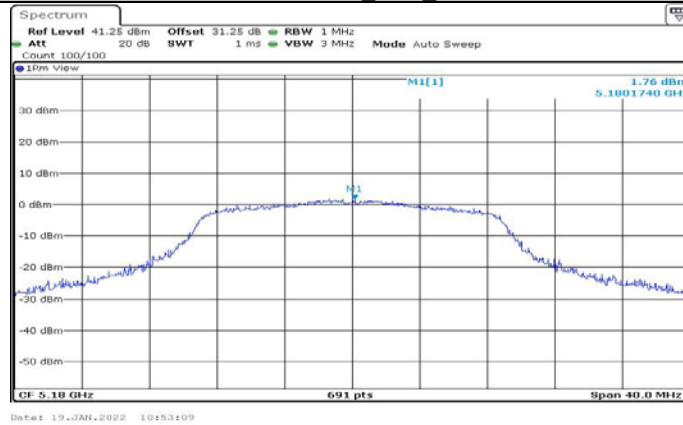
11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



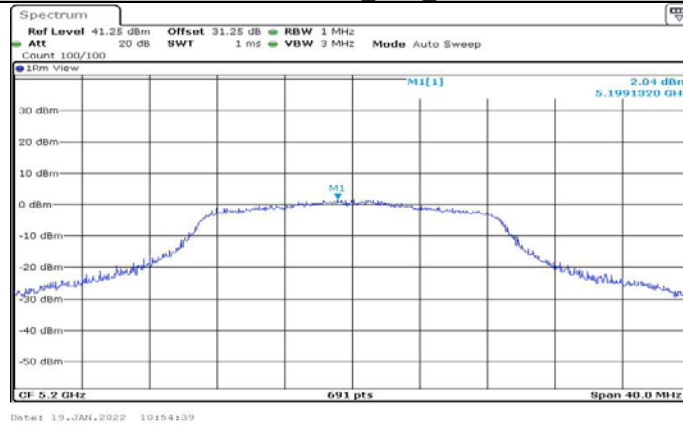
11AC20MIMO Ant2 5180



11AC20MIMO Ant1 5200



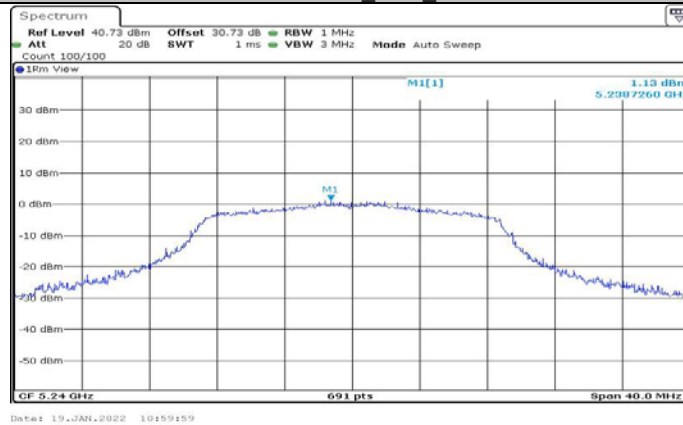
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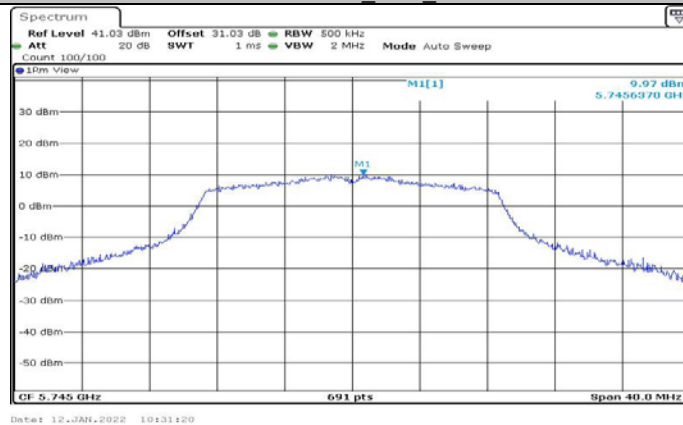
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11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



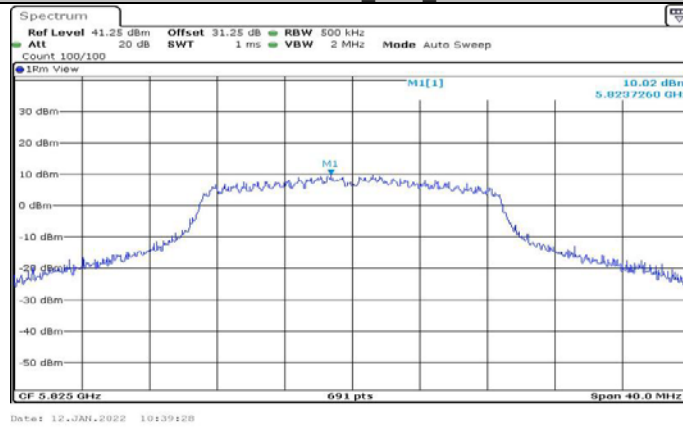
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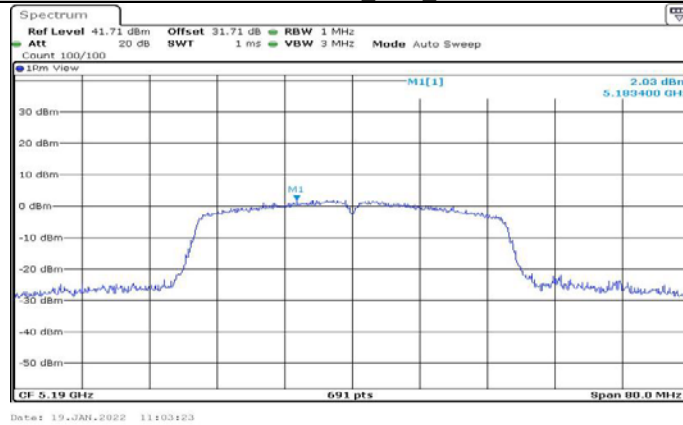
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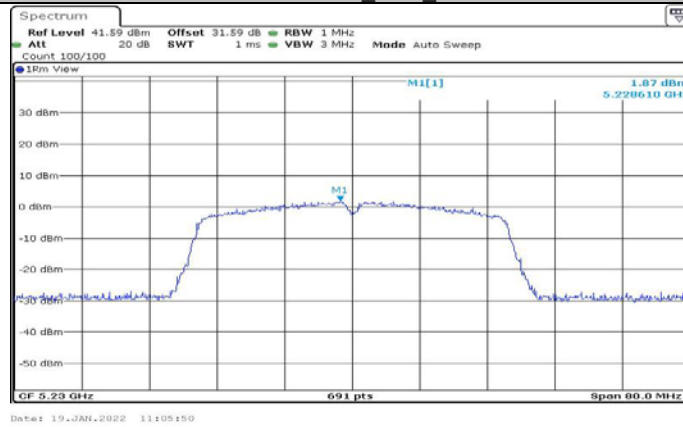
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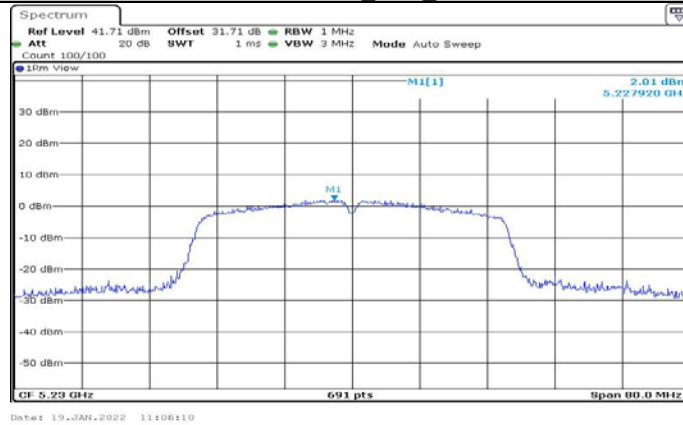
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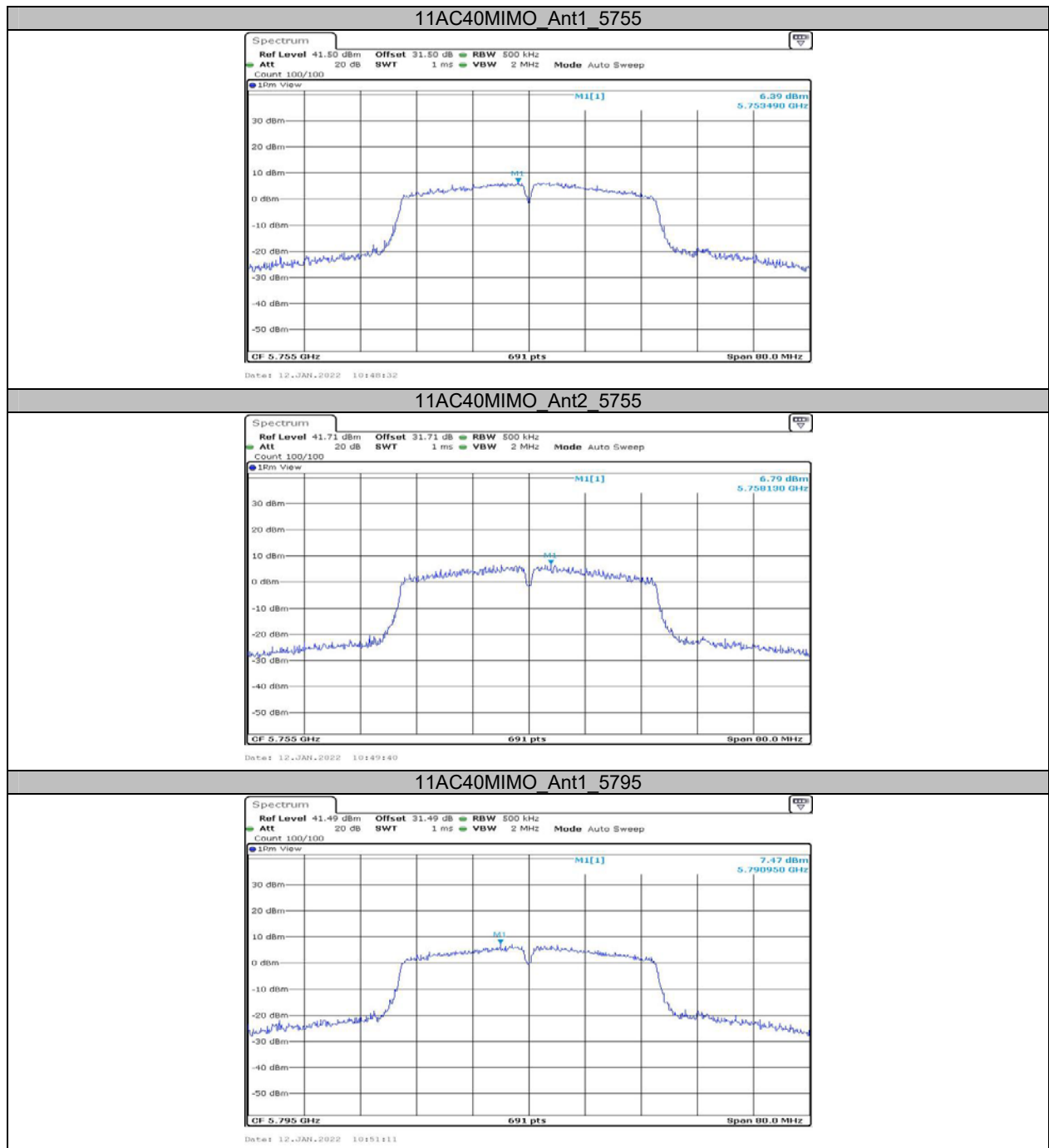


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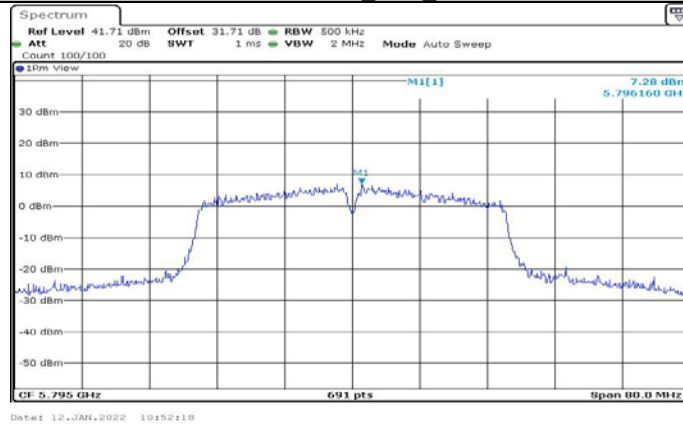


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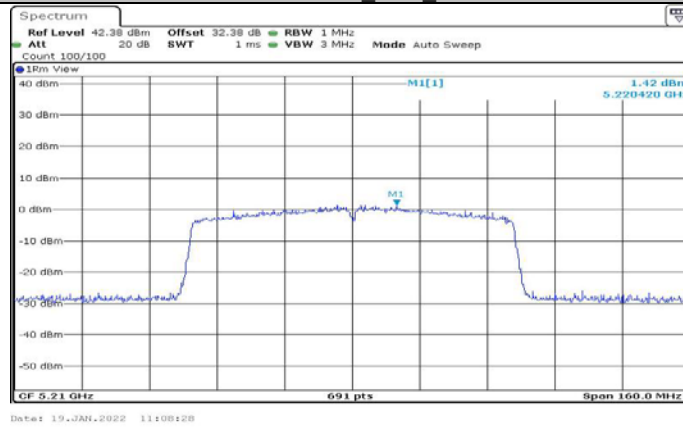




11AC40MIMO Ant2 5795



11AC80MIMO Ant1 5210



11AC80MIMO Ant2 5210

