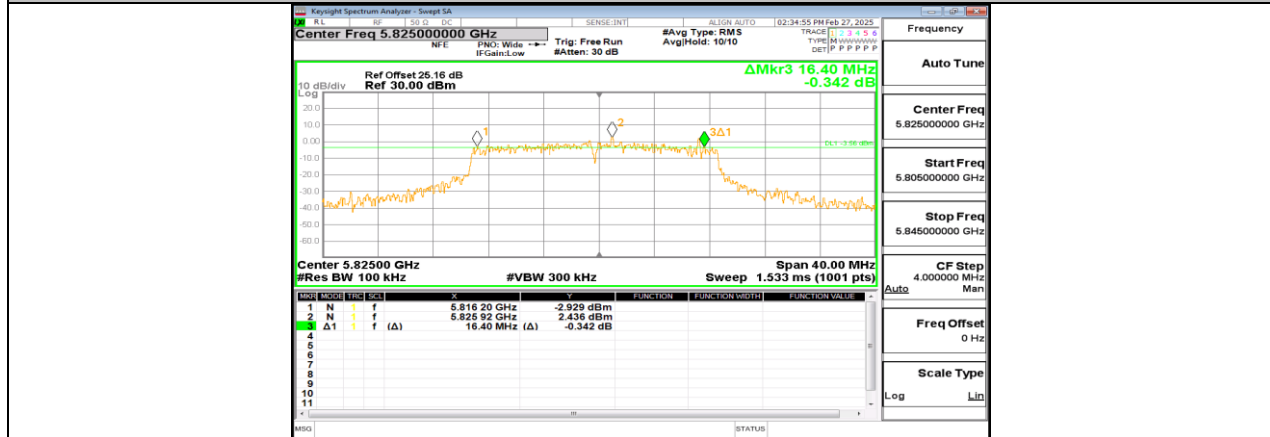




11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825

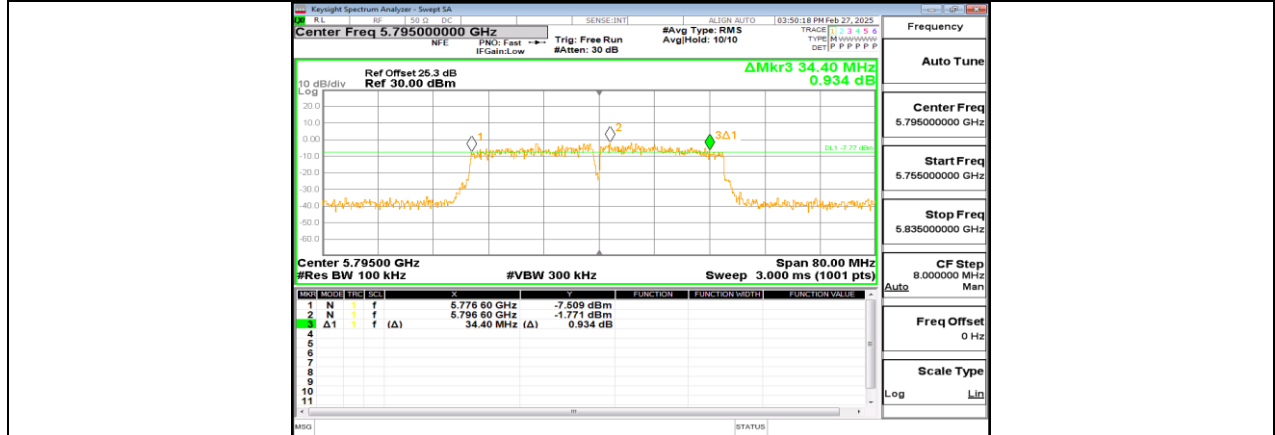




11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795





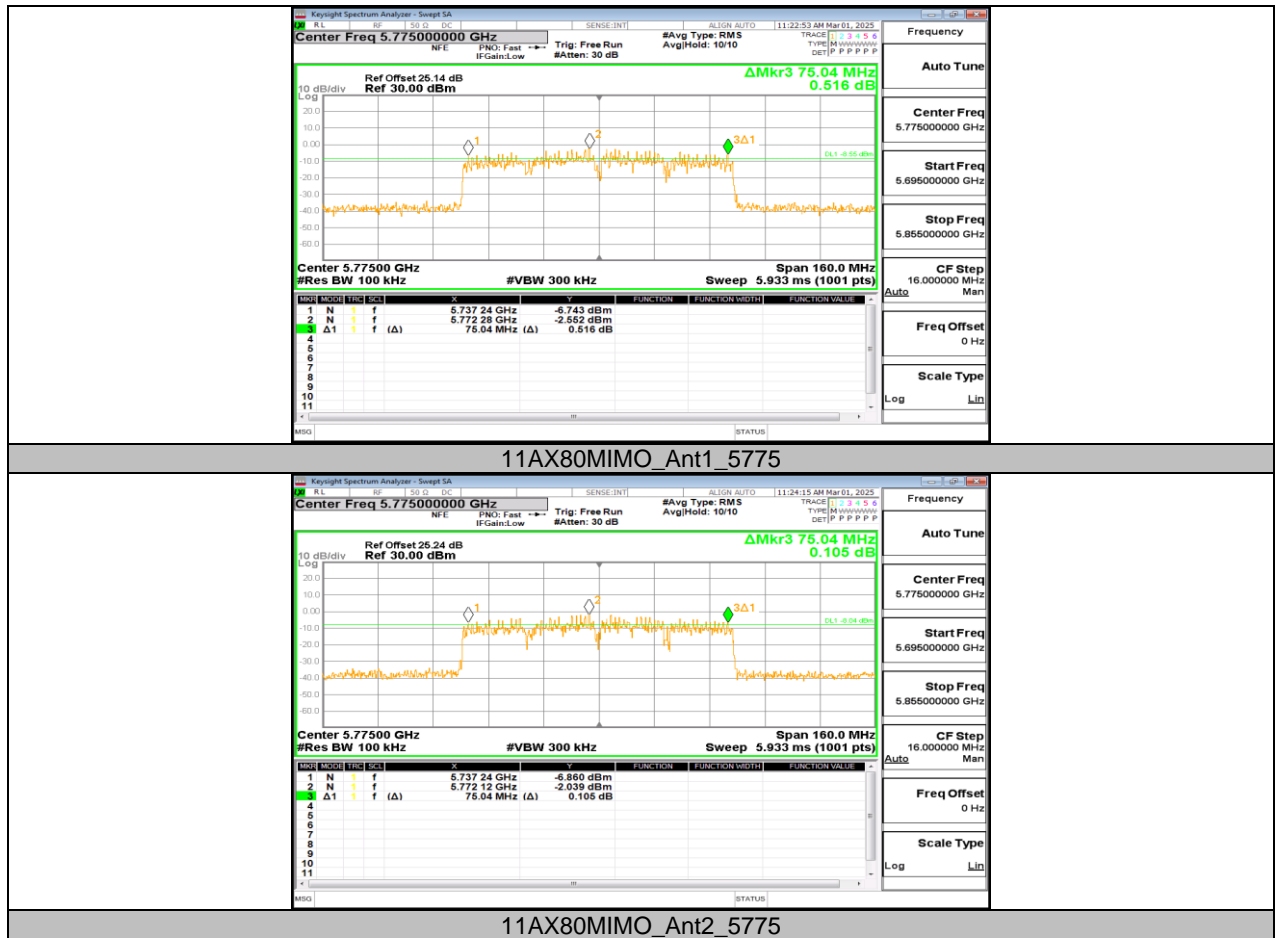












11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	12.18	≤23.98	---	13.83	≤22.41	PASS
	Ant2	5180	10.96	≤23.98	---	12.61	≤22.34	PASS
	total	5180	14.62	≤23.98	---	16.27	≤22.34	PASS
	Ant1	5200	12.45	≤23.98	---	14.10	≤22.43	PASS
	Ant2	5200	11.00	≤23.98	---	12.65	≤22.34	PASS
	total	5200	14.80	≤23.98	---	16.45	≤22.34	PASS
	Ant1	5240	11.57	≤23.98	---	13.22	≤22.21	PASS
	Ant2	5240	11.90	≤23.98	---	13.55	≤22.17	PASS
	total	5240	14.75	≤23.98	---	16.40	≤22.17	PASS
	Ant1	5260	10.16	≤23.98	≤23.38	11.81	≤29.38	PASS
	Ant2	5260	10.27	≤23.98	≤23.29	11.92	≤29.29	PASS
	total	5260	13.23	≤23.98	≤23.29	14.88	≤29.29	PASS
	Ant1	5280	10.21	≤23.98	≤23.41	11.86	≤29.41	PASS
	Ant2	5280	10.38	≤23.98	≤23.29	12.03	≤29.29	PASS
	total	5280	13.31	≤23.98	≤23.29	14.96	≤29.29	PASS
	Ant1	5320	10.12	≤23.98	≤23.38	11.77	≤29.38	PASS
	Ant2	5320	10.35	≤23.98	≤23.34	12.00	≤29.34	PASS
	total	5320	13.25	≤23.98	≤23.34	14.90	≤29.34	PASS
	Ant1	5500	11.05	≤23.98	≤23.41	12.70	≤29.41	PASS
	Ant2	5500	10.08	≤23.98	≤23.33	11.73	≤29.33	PASS
	total	5500	13.60	≤23.98	≤23.33	15.25	≤29.33	PASS
	Ant1	5580	10.33	≤23.98	≤23.36	11.98	≤29.36	PASS
	Ant2	5580	10.41	≤23.98	≤23.35	12.06	≤29.35	PASS
	total	5580	13.38	≤23.98	≤23.35	15.03	≤29.35	PASS
	Ant1	5700	10.03	≤23.98	≤23.40	11.68	≤29.40	PASS
	Ant2	5700	10.17	≤23.98	≤23.33	11.82	≤29.33	PASS
	total	5700	13.11	≤23.98	≤23.33	14.76	≤29.33	PASS
	Ant1	5720_UNII-2C	9.29	≤23.48	≤22.44	10.94	≤28.44	PASS
	Ant2	5720_UNII-2C	9.48	≤23.14	≤22.37	11.13	≤28.37	PASS
	total	5720_UNII-2C	12.40	≤23.98	≤22.37	14.05	≤28.37	PASS
	Ant1	5720_UNII-3	-0.22	≤30.00	≤30.00	1.43	---	PASS
	Ant2	5720_UNII-3	0.08	≤30.00	≤30.00	1.73	---	PASS
	total	5720_UNII-3	2.94	≤30.00	≤30.00	4.59	---	PASS
	Ant1	5745	14.88	≤30.00	≤30.00	16.53	---	PASS
	Ant2	5745	15.43	≤30.00	≤30.00	17.08	---	PASS
	total	5745	18.17	≤30.00	≤30.00	19.82	---	PASS
	Ant1	5785	14.43	≤30.00	≤30.00	16.08	---	PASS
	Ant2	5785	15.61	≤30.00	≤30.00	17.26	---	PASS
	total	5785	18.07	≤30.00	≤30.00	19.72	---	PASS
	Ant1	5825	14.41	≤30.00	≤30.00	16.06	---	PASS
	Ant2	5825	14.84	≤30.00	≤30.00	16.49	---	PASS
	total	5825	17.64	≤30.00	≤30.00	19.29	---	PASS
11N20MIMO	Ant1	5180	10.01	≤23.98	---	11.66	≤22.65	PASS
	Ant2	5180	10.25	≤23.98	---	11.90	≤22.53	PASS
	total	5180	13.14	≤23.98	---	14.79	≤22.53	PASS
	Ant1	5200	11.01	≤23.98	---	12.66	≤22.61	PASS
	Ant2	5200	11.55	≤23.98	---	13.20	≤22.53	PASS
	total	5200	14.30	≤23.98	---	15.95	≤22.53	PASS
	Ant1	5240	10.95	≤23.98	---	12.60	≤22.3	PASS
	Ant2	5240	11.49	≤23.98	---	13.14	≤22.45	PASS
	total	5240	14.24	≤23.98	---	15.89	≤22.3	PASS
	Ant1	5260	9.47	≤23.98	≤23.64	11.12	≤29.64	PASS

	Ant2	5260	10.09	≤23.98	≤23.51	11.74	≤29.51	PASS
	total	5260	12.80	≤23.98	≤23.51	14.45	≤29.51	PASS
	Ant1	5280	9.42	≤23.98	≤23.65	11.07	≤29.65	PASS
	Ant2	5280	10.13	≤23.98	≤23.49	11.78	≤29.49	PASS
	total	5280	12.80	≤23.98	≤23.49	14.45	≤29.49	PASS
	Ant1	5320	9.33	≤23.98	≤23.62	10.98	≤29.62	PASS
	Ant2	5320	10.00	≤23.98	≤23.55	11.65	≤29.55	PASS
	total	5320	12.69	≤23.98	≤23.55	14.34	≤29.55	PASS
	Ant1	5500	10.34	≤23.98	≤23.58	11.99	≤29.58	PASS
	Ant2	5500	10.80	≤23.98	≤23.54	12.45	≤29.54	PASS
	total	5500	13.59	≤23.98	≤23.54	15.24	≤29.54	PASS
	Ant1	5580	10.70	≤23.98	≤23.59	12.35	≤29.59	PASS
	Ant2	5580	11.03	≤23.98	≤23.52	12.68	≤29.52	PASS
	total	5580	13.88	≤23.98	≤23.52	15.53	≤29.52	PASS
	Ant1	5700	10.43	≤23.98	≤23.61	12.08	≤29.61	PASS
	Ant2	5700	10.84	≤23.98	≤23.54	12.49	≤29.54	PASS
	total	5700	13.65	≤23.98	≤23.54	15.30	≤29.54	PASS
	Ant1	5720_UNII-2C	9.61	≤23.83	≤22.60	11.26	≤28.60	PASS
	Ant2	5720_UNII-2C	10.01	≤23.40	≤22.53	11.66	≤28.53	PASS
	total	5720_UNII-2C	12.82	≤23.98	≤22.53	14.47	≤28.53	PASS
	Ant1	5720_UNII-3	0.57	≤30.00	≤30.00	2.22	---	PASS
	Ant2	5720_UNII-3	1.13	≤30.00	≤30.00	2.78	---	PASS
	total	5720_UNII-3	3.87	≤30.00	≤30.00	5.52	---	PASS
	Ant1	5745	14.62	≤30.00	≤30.00	16.27	---	PASS
	Ant2	5745	15.81	≤30.00	≤30.00	17.46	---	PASS
	total	5745	18.27	≤30.00	≤30.00	19.92	---	PASS
	Ant1	5785	15.00	≤30.00	≤30.00	16.65	---	PASS
	Ant2	5785	15.65	≤30.00	≤30.00	17.30	---	PASS
	total	5785	18.35	≤30.00	≤30.00	20.00	---	PASS
	Ant1	5825	14.34	≤30.00	≤30.00	15.99	---	PASS
	Ant2	5825	15.38	≤30.00	≤30.00	17.03	---	PASS
	total	5825	17.90	≤30.00	≤30.00	19.55	---	PASS
11N40MIMO	Ant1	5190	12.06	≤23.98	---	13.71	≤23.00	PASS
	Ant2	5190	12.20	≤23.98	---	13.85	≤23.00	PASS
	total	5190	15.14	≤23.98	---	16.79	≤23.00	PASS
	Ant1	5230	12.22	≤23.98	---	13.87	≤23.00	PASS
	Ant2	5230	12.27	≤23.98	---	13.92	≤23.00	PASS
	total	5230	15.26	≤23.98	---	16.91	≤23.00	PASS
	Ant1	5270	12.25	≤23.98	≤23.98	13.90	≤30.00	PASS
	Ant2	5270	12.32	≤23.98	≤23.98	13.97	≤30.00	PASS
	total	5270	15.30	≤23.98	≤23.98	16.95	≤30.00	PASS
	Ant1	5310	12.11	≤23.98	≤23.98	13.76	≤30.00	PASS
	Ant2	5310	12.28	≤23.98	≤23.98	13.93	≤30.00	PASS
	total	5310	15.21	≤23.98	≤23.98	16.86	≤30.00	PASS
	Ant1	5510	12.25	≤23.98	≤23.98	13.90	≤30.00	PASS
	Ant2	5510	12.33	≤23.98	≤23.98	13.98	≤30.00	PASS
	total	5510	15.30	≤23.98	≤23.98	16.95	≤30.00	PASS
	Ant1	5550	12.16	≤23.98	≤23.98	13.81	≤30.00	PASS
	Ant2	5550	12.28	≤23.98	≤23.98	13.93	≤30.00	PASS
	total	5550	15.23	≤23.98	≤23.98	16.88	≤30.00	PASS
	Ant1	5670	12.45	≤23.98	≤23.98	14.10	≤30.00	PASS
	Ant2	5670	12.72	≤23.98	≤23.98	14.37	≤30.00	PASS
	total	5670	15.60	≤23.98	≤23.98	17.25	≤30.00	PASS
	Ant1	5710_UNII-2C	12.38	≤23.98	≤23.98	14.03	≤30.00	PASS
	Ant2	5710_UNII-2C	12.55	≤23.98	≤23.98	14.20	≤30.00	PASS
	total	5710_UNII-2C	15.48	≤23.98	≤23.98	17.13	≤30.00	PASS
	Ant1	5710_UNII-3	-3.66	≤30.00	≤30.00	-2.01	---	PASS
	Ant2	5710_UNII-3	-3.20	≤30.00	≤30.00	-1.55	---	PASS
	total	5710_UNII-3	-0.41	≤30.00	≤30.00	1.24	---	PASS
	Ant1	5755	14.71	≤30.00	≤30.00	16.36	---	PASS

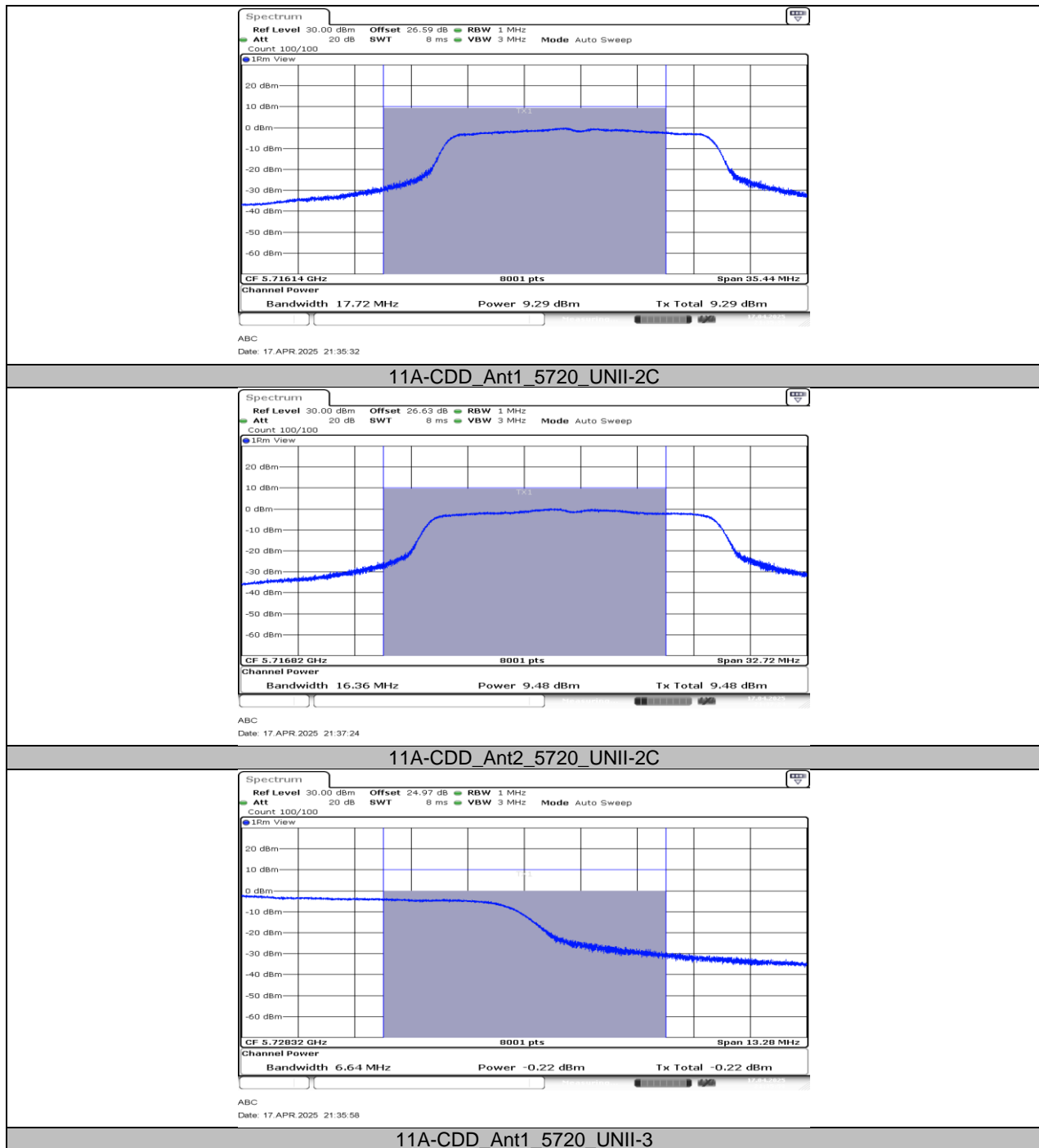
	Ant2	5755	15.26	≤30.00	≤30.00	16.91	---	PASS
	total	5755	18.00	≤30.00	≤30.00	19.65	---	PASS
	Ant1	5795	14.75	≤30.00	≤30.00	16.40	---	PASS
	Ant2	5795	15.28	≤30.00	≤30.00	16.93	---	PASS
	total	5795	18.03	≤30.00	≤30.00	19.68	---	PASS
11AC80MIMO	Ant1	5210	9.49	≤23.98	---	11.14	≤23.00	PASS
	Ant2	5210	9.37	≤23.98	---	11.02	≤23.00	PASS
	total	5210	12.44	≤23.98	---	14.09	≤23.00	PASS
	Ant1	5290	10.61	≤23.98	≤23.98	12.26	≤30.00	PASS
	Ant2	5290	10.72	≤23.98	≤23.98	12.37	≤30.00	PASS
	total	5290	13.68	≤23.98	≤23.98	15.33	≤30.00	PASS
	Ant1	5530	10.44	≤23.98	≤23.98	12.09	≤30.00	PASS
	Ant2	5530	10.47	≤23.98	≤23.98	12.12	≤30.00	PASS
	total	5530	13.47	≤23.98	≤23.98	15.12	≤30.00	PASS
	Ant1	5610	10.58	≤23.98	≤23.98	12.23	≤30.00	PASS
	Ant2	5610	10.90	≤23.98	≤23.98	12.55	≤30.00	PASS
	total	5610	13.75	≤23.98	≤23.98	15.40	≤30.00	PASS
	Ant1	5690_UNII-2C	10.31	≤23.98	≤23.98	11.96	≤30.00	PASS
	Ant2	5690_UNII-2C	10.52	≤23.98	≤23.98	12.17	≤30.00	PASS
	total	5690_UNII-2C	13.43	≤23.98	≤23.98	15.08	≤30.00	PASS
	Ant1	5690_UNII-3	-10.36	≤30.00	≤30.00	-8.71	---	PASS
	Ant2	5690_UNII-3	-10.16	≤30.00	≤30.00	-8.51	---	PASS
	total	5690_UNII-3	-7.25	≤30.00	≤30.00	-5.60	---	PASS
	Ant1	5775	14.45	≤30.00	≤30.00	16.10	---	PASS
	Ant2	5775	14.95	≤30.00	≤30.00	16.60	---	PASS
	total	5775	17.72	≤30.00	≤30.00	19.37	---	PASS
11AX20MIMO	Ant1	5180	14.26	≤23.98	---	15.91	≤22.78	PASS
	Ant2	5180	14.59	≤23.98	---	16.24	≤22.78	PASS
	total	5180	17.44	≤23.98	---	19.09	≤22.78	PASS
	Ant1	5200	11.03	≤23.98	---	12.68	≤22.78	PASS
	Ant2	5200	11.77	≤23.98	---	13.42	≤22.79	PASS
	total	5200	14.43	≤23.98	---	16.08	≤22.78	PASS
	Ant1	5240	10.90	≤23.98	---	12.55	≤22.73	PASS
	Ant2	5240	11.56	≤23.98	---	13.21	≤22.75	PASS
	total	5240	14.25	≤23.98	---	15.90	≤22.73	PASS
	Ant1	5260	12.85	≤23.98	≤23.77	14.50	≤29.77	PASS
	Ant2	5260	12.97	≤23.98	≤23.77	14.62	≤29.77	PASS
	total	5260	15.92	≤23.98	≤23.77	17.57	≤29.77	PASS
	Ant1	5280	12.89	≤23.98	≤23.78	14.54	≤29.78	PASS
	Ant2	5280	13.01	≤23.98	≤23.78	14.66	≤29.78	PASS
	total	5280	15.96	≤23.98	≤23.78	17.61	≤29.78	PASS
	Ant1	5320	12.77	≤23.98	≤23.78	14.42	≤29.78	PASS
	Ant2	5320	13.03	≤23.98	≤23.78	14.68	≤29.78	PASS
	total	5320	15.91	≤23.98	≤23.78	17.56	≤29.78	PASS
	Ant1	5500	11.75	≤23.98	≤23.78	13.40	≤29.78	PASS
	Ant2	5500	11.88	≤23.98	≤23.77	13.53	≤29.77	PASS
	total	5500	14.83	≤23.98	≤23.77	16.48	≤29.77	PASS
	Ant1	5580	11.81	≤23.98	≤23.78	13.46	≤29.78	PASS
	Ant2	5580	12.13	≤23.98	≤23.80	13.78	≤29.80	PASS
	total	5580	14.98	≤23.98	≤23.78	16.63	≤29.78	PASS
	Ant1	5700	11.67	≤23.98	≤23.80	13.32	≤29.80	PASS
	Ant2	5700	11.89	≤23.98	≤23.79	13.54	≤29.79	PASS
	total	5700	14.79	≤23.98	≤23.79	16.44	≤29.79	PASS
	Ant1	5720_UNII-2C	10.78	≤23.08	≤22.68	12.43	≤28.68	PASS
	Ant2	5720_UNII-2C	10.99	≤22.91	≤22.69	12.64	≤28.69	PASS
	total	5720_UNII-2C	13.90	≤23.98	≤22.68	15.55	≤28.68	PASS
	Ant1	5720_UNII-3	1.74	≤30.00	≤30.00	3.39	---	PASS
	Ant2	5720_UNII-3	2.10	≤30.00	≤30.00	3.75	---	PASS
	total	5720_UNII-3	4.93	≤30.00	≤30.00	6.58	---	PASS
	Ant1	5745	13.84	≤30.00	≤30.00	15.49	---	PASS

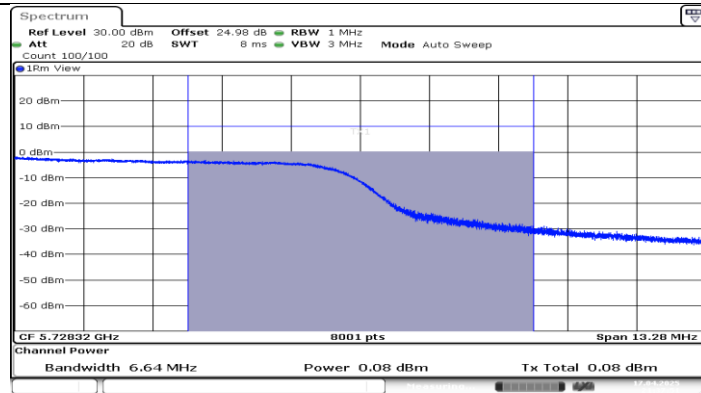
	Ant2	5745	14.31	≤30.00	≤30.00	15.96	---	PASS
	total	5745	17.09	≤30.00	≤30.00	18.74	---	PASS
	Ant1	5785	14.01	≤30.00	≤30.00	15.66	---	PASS
	Ant2	5785	15.16	≤30.00	≤30.00	16.81	---	PASS
	total	5785	17.63	≤30.00	≤30.00	19.28	---	PASS
	Ant1	5825	14.26	≤30.00	≤30.00	15.91	---	PASS
	Ant2	5825	14.83	≤30.00	≤30.00	16.48	---	PASS
	total	5825	17.56	≤30.00	≤30.00	19.21	---	PASS
11AX40MIMO	Ant1	5190	6.80	≤23.98	---	8.45	≤23.00	PASS
	Ant2	5190	7.43	≤23.98	---	9.08	≤23.00	PASS
	total	5190	10.14	≤23.98	---	11.79	≤23.00	PASS
	Ant1	5230	6.96	≤23.98	---	8.61	≤23.00	PASS
	Ant2	5230	7.59	≤23.98	---	9.24	≤23.00	PASS
	total	5230	10.30	≤23.98	---	11.95	≤23.00	PASS
	Ant1	5270	6.96	≤23.98	≤23.98	8.61	≤30.00	PASS
	Ant2	5270	7.54	≤23.98	≤23.98	9.19	≤30.00	PASS
	total	5270	10.27	≤23.98	≤23.98	11.92	≤30.00	PASS
	Ant1	5310	6.33	≤23.98	≤23.98	7.98	≤30.00	PASS
	Ant2	5310	6.95	≤23.98	≤23.98	8.60	≤30.00	PASS
	total	5310	9.66	≤23.98	≤23.98	11.31	≤30.00	PASS
	Ant1	5510	2.24	≤23.98	≤23.98	3.89	≤30.00	PASS
	Ant2	5510	1.48	≤23.98	≤23.98	3.13	≤30.00	PASS
	total	5510	4.89	≤23.98	≤23.98	6.54	≤30.00	PASS
	Ant1	5550	2.18	≤23.98	≤23.98	3.83	≤30.00	PASS
	Ant2	5550	1.10	≤23.98	≤23.98	2.75	≤30.00	PASS
	total	5550	4.68	≤23.98	≤23.98	6.33	≤30.00	PASS
	Ant1	5670	1.98	≤23.98	≤23.98	3.63	≤30.00	PASS
	Ant2	5670	1.68	≤23.98	≤23.98	3.33	≤30.00	PASS
	total	5670	4.84	≤23.98	≤23.98	6.49	≤30.00	PASS
	Ant1	5710_UNII-2C	1.79	≤23.98	≤23.98	3.44	≤30.00	PASS
	Ant2	5710_UNII-2C	0.98	≤23.98	≤23.98	2.63	≤30.00	PASS
	total	5710_UNII-2C	4.41	≤23.98	≤23.98	6.06	≤30.00	PASS
	Ant1	5710_UNII-3	-10.77	≤30.00	≤30.00	-9.12	---	PASS
	Ant2	5710_UNII-3	-10.53	≤30.00	≤30.00	-8.88	---	PASS
	total	5710_UNII-3	-7.64	≤30.00	≤30.00	-5.99	---	PASS
	Ant1	5755	9.55	≤30.00	≤30.00	11.20	---	PASS
	Ant2	5755	10.55	≤30.00	≤30.00	12.20	---	PASS
	total	5755	13.09	≤30.00	≤30.00	14.74	---	PASS
	Ant1	5795	10.84	≤30.00	≤30.00	12.49	---	PASS
	Ant2	5795	11.71	≤30.00	≤30.00	13.36	---	PASS
	total	5795	14.31	≤30.00	≤30.00	15.96	---	PASS
11AX80MIMO	Ant1	5210	10.25	≤23.98	---	11.90	≤23.00	PASS
	Ant2	5210	10.82	≤23.98	---	12.47	≤23.00	PASS
	total	5210	13.55	≤23.98	---	15.20	≤23.00	PASS
	Ant1	5290	10.73	≤23.98	≤23.98	12.38	≤30.00	PASS
	Ant2	5290	11.92	≤23.98	≤23.98	13.57	≤30.00	PASS
	total	5290	14.38	≤23.98	≤23.98	16.03	≤30.00	PASS
	Ant1	5530	8.00	≤23.98	≤23.98	9.65	≤30.00	PASS
	Ant2	5530	8.94	≤23.98	≤23.98	10.59	≤30.00	PASS
	total	5530	11.51	≤23.98	≤23.98	13.16	≤30.00	PASS
	Ant1	5610	8.08	≤23.98	≤23.98	9.73	≤30.00	PASS
	Ant2	5610	8.65	≤23.98	≤23.98	10.30	≤30.00	PASS
	total	5610	11.38	≤23.98	≤23.98	13.03	≤30.00	PASS
	Ant1	5690_UNII-2C	7.74	≤23.98	≤23.98	9.39	≤30.00	PASS
	Ant2	5690_UNII-2C	7.73	≤23.98	≤23.98	9.38	≤30.00	PASS
	total	5690_UNII-2C	10.75	≤23.98	≤23.98	12.40	≤30.00	PASS
	Ant1	5690_UNII-3	-9.19	≤30.00	≤30.00	-7.54	---	PASS
	Ant2	5690_UNII-3	-8.45	≤30.00	≤30.00	-6.80	---	PASS
	total	5690_UNII-3	-5.79	≤30.00	≤30.00	-4.14	---	PASS
	Ant1	5775	14.16	≤30.00	≤30.00	15.81	---	PASS

	Ant2	5775	15.69	≤30.00	≤30.00	17.34	---	PASS
	total	5775	18.00	≤30.00	≤30.00	19.65	---	PASS

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

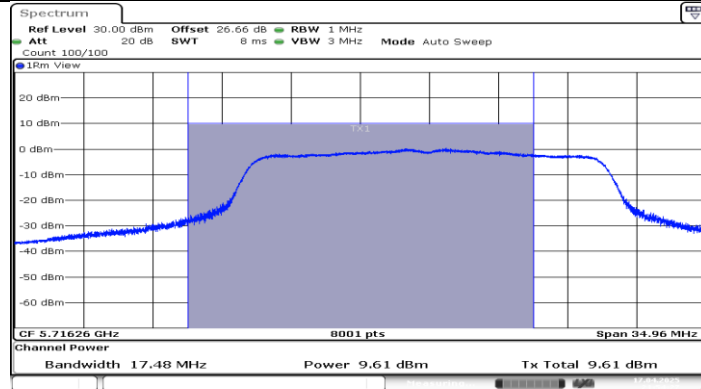
11.4.2. Test Graphs





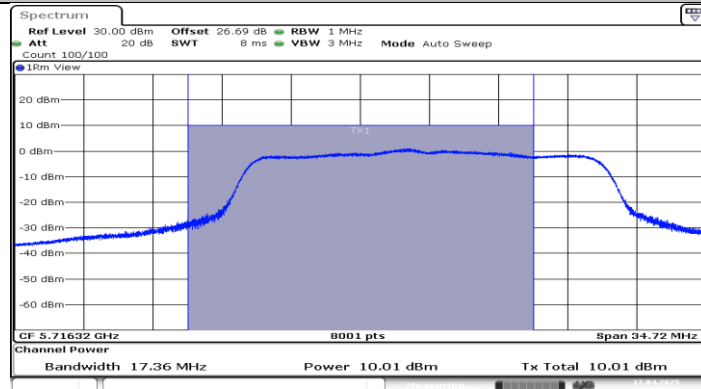
ABC
Date: 17 APR 2025 21:37:52

11A-CDD_Ant2_5720_UNII-3



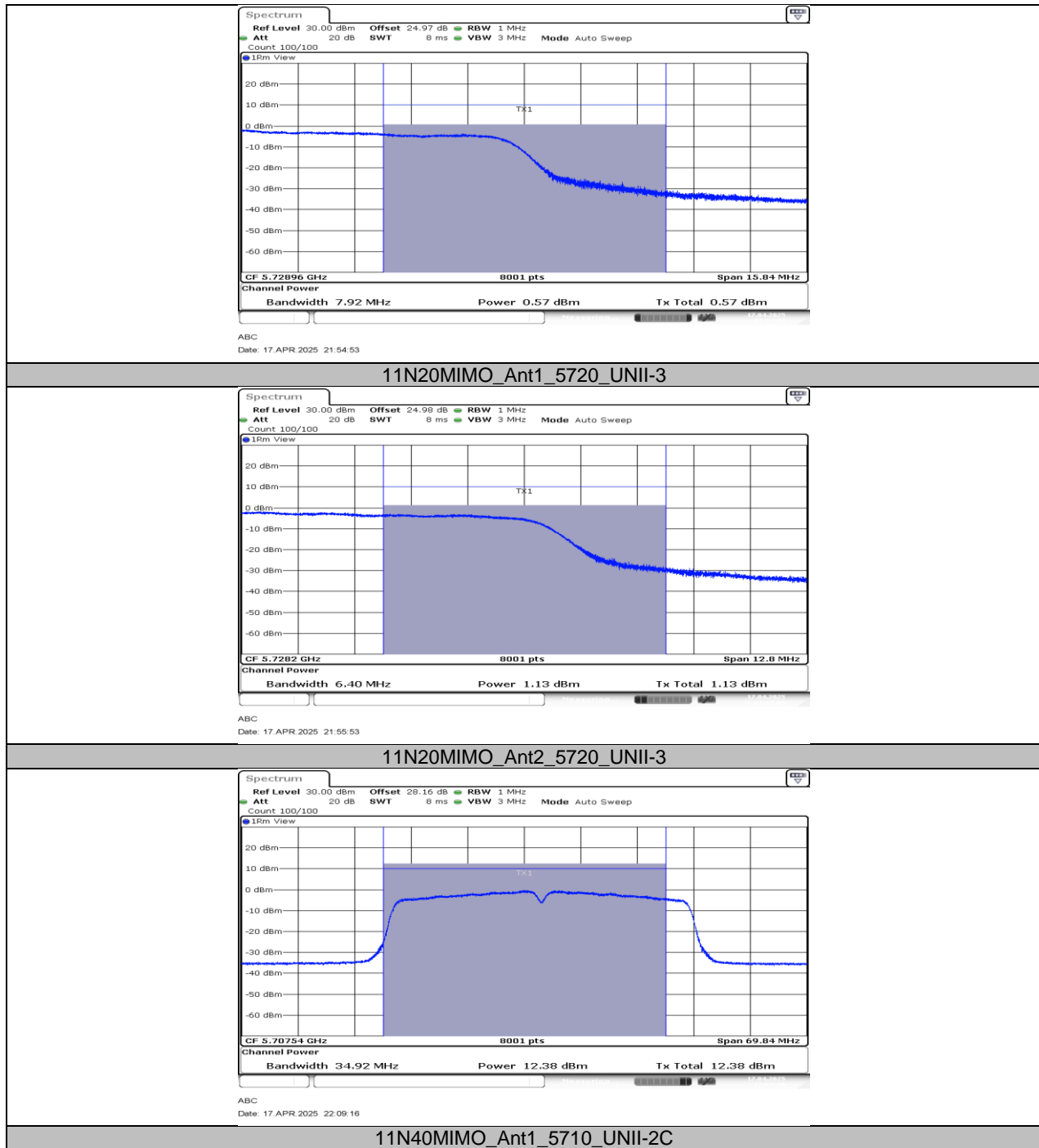
ABC
Date: 17 APR 2025 21:54:28

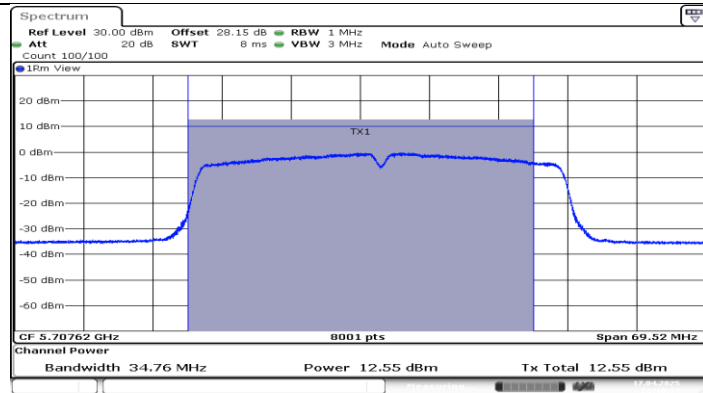
11N20MIMO_Ant1_5720_UNII-2C



ABC
Date: 17 APR 2025 21:55:26

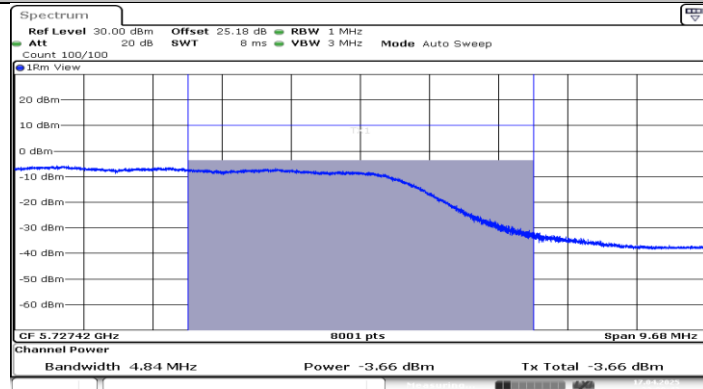
11N20MIMO_Ant2_5720_UNII-2C





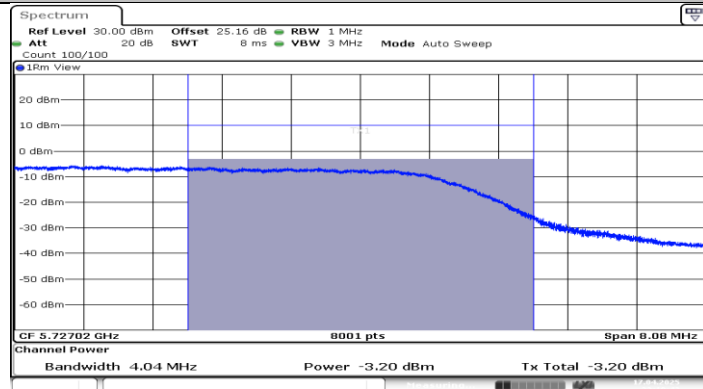
ABC
Date: 17 APR 2025 22:10:14

11N40MIMO_Ant2_5710_UNII-2C



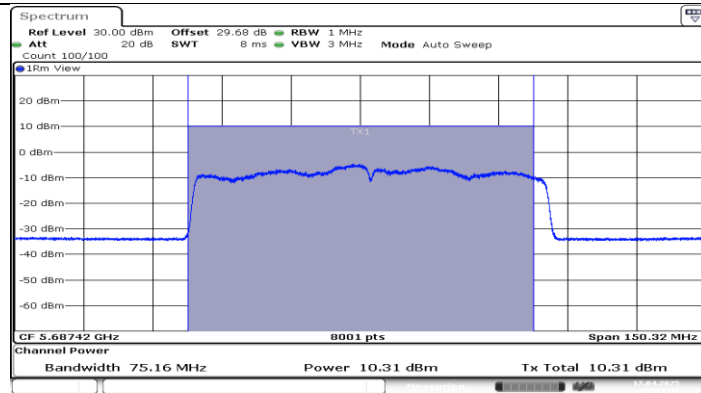
ABC
Date: 17 APR 2025 22:09:42

11N40MIMO_Ant1_5710_UNII-3



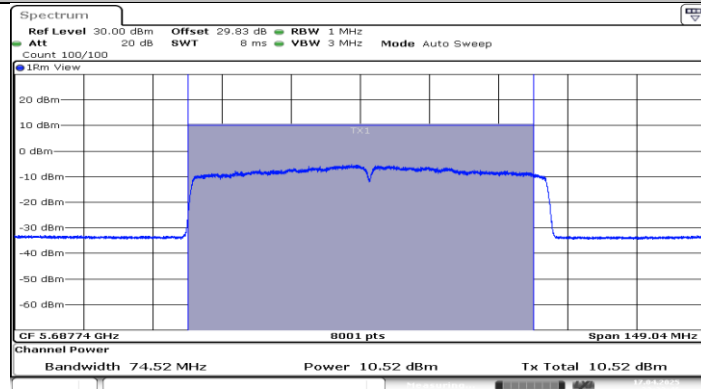
ABC
Date: 17 APR 2025 22:10:42

11N40MIMO_Ant2_5710_UNII-3



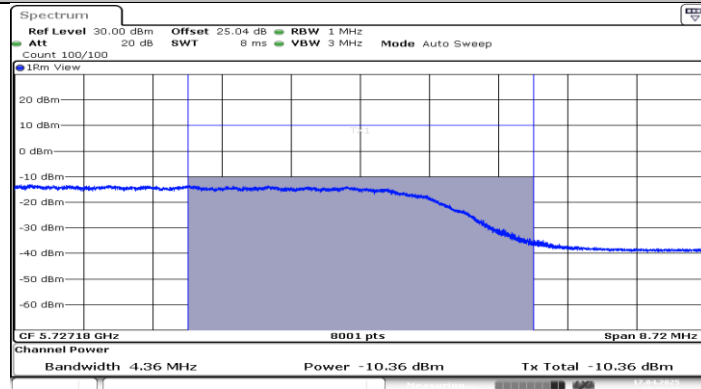
ABC
Date: 17 APR 2025 22:21:48

11AC80MIMO_Ant1_5690_UNII-2C



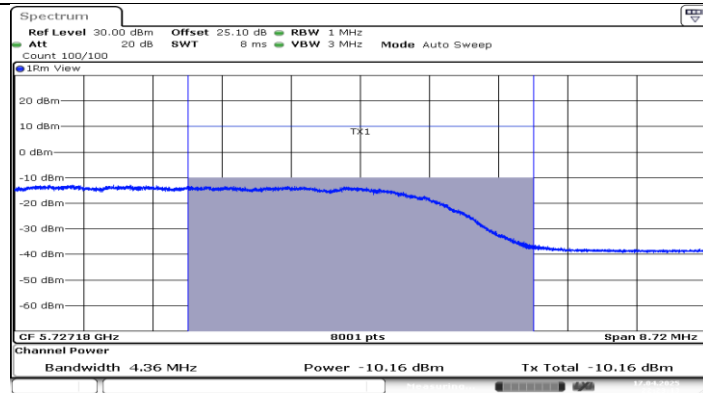
ABC
Date: 17 APR 2025 22:22:46

11AC80MIMO_Ant2_5690_UNII-2C



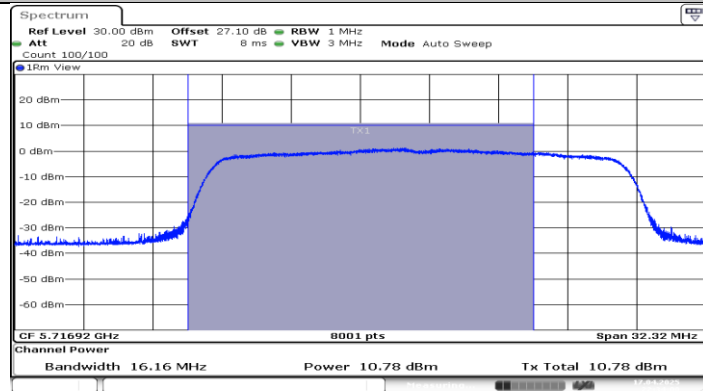
ABC
Date: 17 APR 2025 22:22:14

11AC80MIMO_Ant1_5690_UNII-3



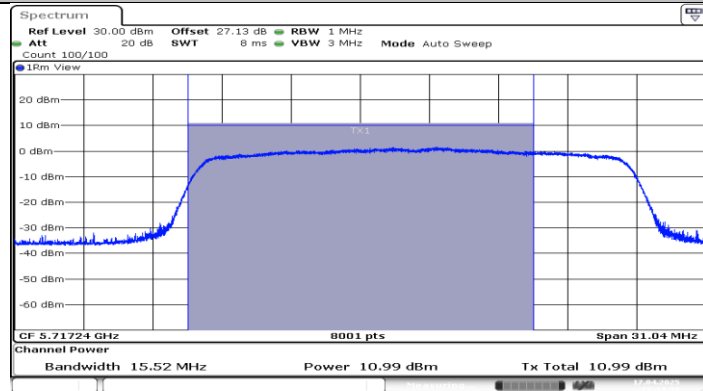
ABC
Date: 17 APR 2025 22:23:13

11AC80MIMO_Ant2_5690_UNII-3



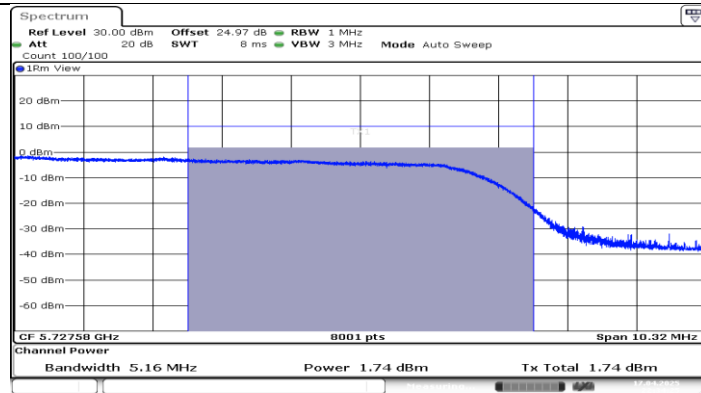
ABC
Date: 17 APR 2025 22:34:00

11AX20MIMO_Ant1_5720_UNII-2C



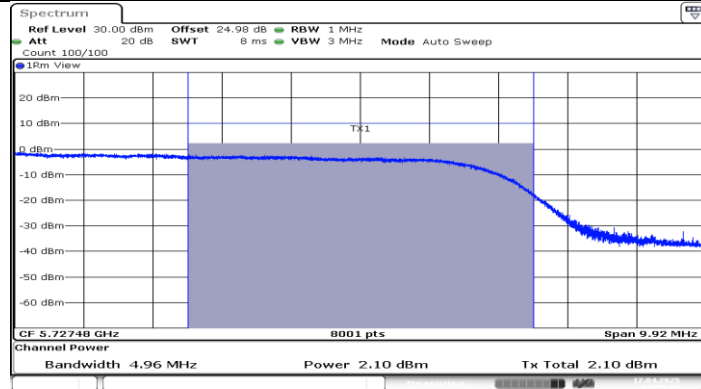
ABC
Date: 17 APR 2025 22:34:59

11AX20MIMO_Ant2_5720_UNII-2C



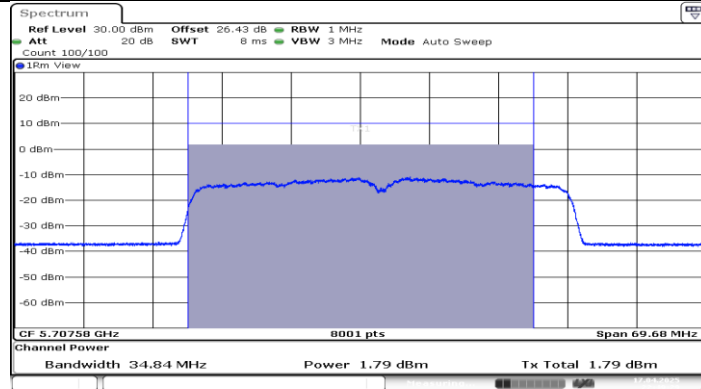
ABC
Date: 17 APR 2025 22:34:26

11AX20MIMO_Ant1_5720_UNII-3



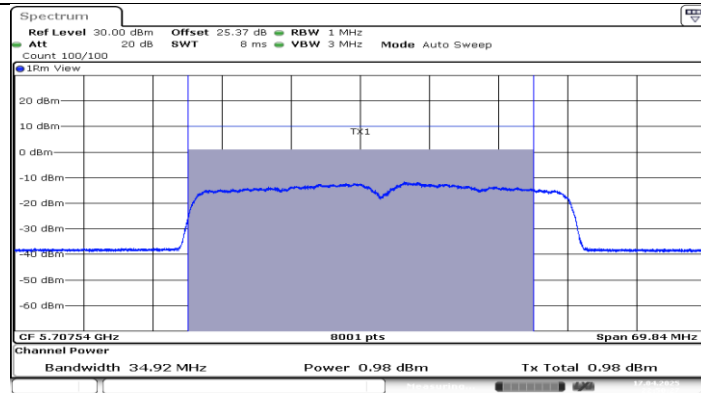
ABC
Date: 17 APR 2025 22:35:26

11AX20MIMO_Ant2_5720_UNII-3



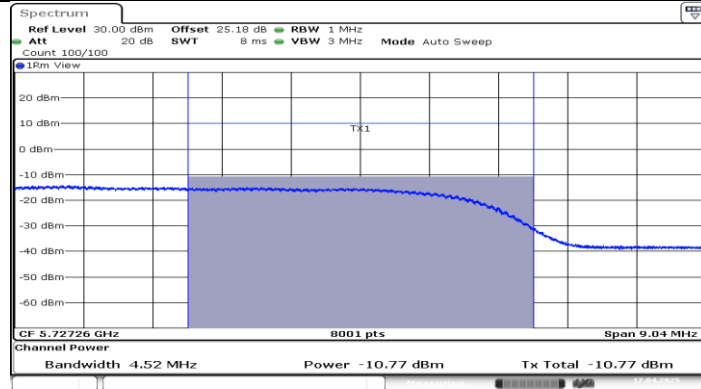
ABC
Date: 17 APR 2025 22:49:29

11AX40MIMO_Ant1_5710_UNII-2C



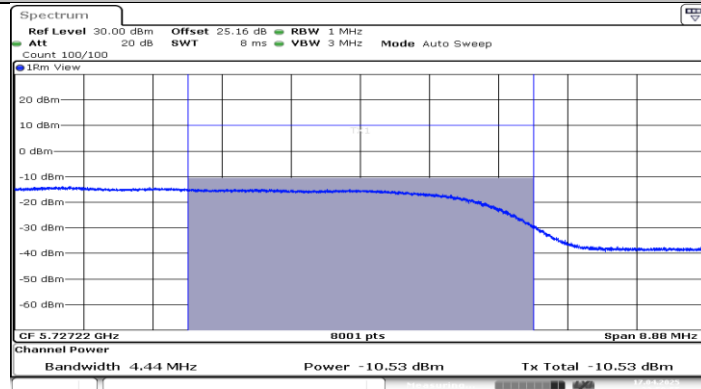
ABC
Date: 17 APR 2025 22:50:27

11AX40MIMO_Ant2_5710_UNII-2C



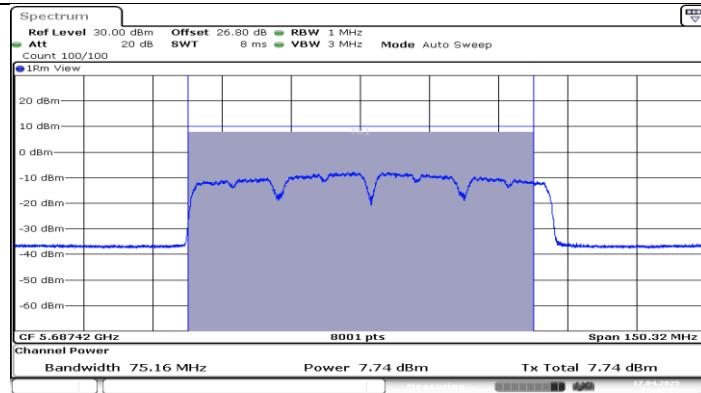
ABC
Date: 17 APR 2025 22:49:55

11AX40MIMO_Ant1_5710_UNII-3



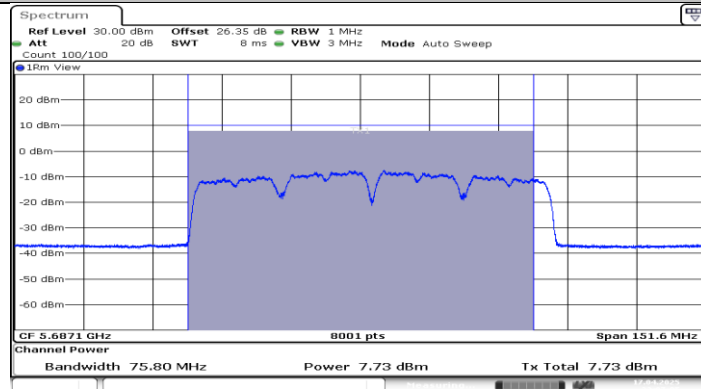
ABC
Date: 17 APR 2025 22:50:55

11AX40MIMO_Ant2_5710_UNII-3



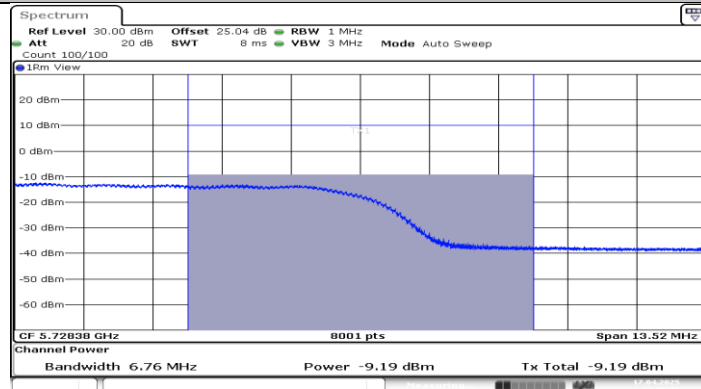
ABC
Date: 17 APR 2025 23:06:06

11AX80MIMO_Ant1_5690_UNII-2C



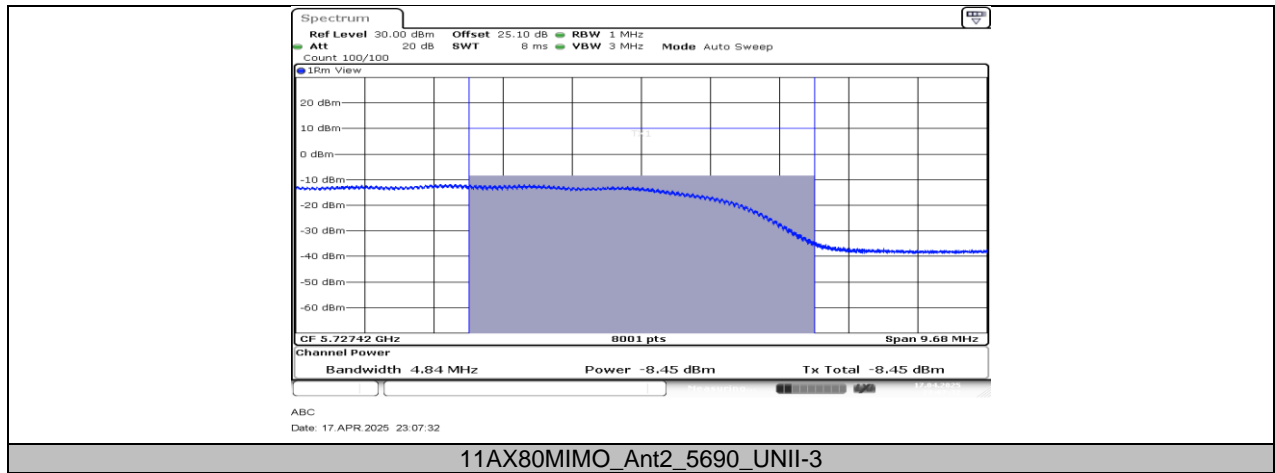
ABC
Date: 17 APR 2025 23:07:04

11AX80MIMO_Ant2_5690_UNII-2C



ABC
Date: 17 APR 2025 23:06:32

11AX80MIMO_Ant1_5690_UNII-3



11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	1.95	≤11.00	3.60	≤10.00	PASS
	Ant2	5180	0.53	≤11.00	2.18	≤10.00	PASS
	total	5180	4.31	≤11.00	8.97	≤10.00	PASS
	Ant1	5200	2.14	≤11.00	3.79	≤10.00	PASS
	Ant2	5200	0.62	≤11.00	2.27	≤10.00	PASS
	total	5200	4.46	≤11.00	9.12	≤10.00	PASS
	Ant1	5240	0.92	≤11.00	2.57	≤10.00	PASS
	Ant2	5240	1.3	≤11.00	2.95	≤10.00	PASS
	total	5240	4.12	≤11.00	8.78	≤10.00	PASS
	Ant1	5260	-0.29	≤11.00	1.36	---	PASS
	Ant2	5260	-0.17	≤11.00	1.48	---	PASS
	total	5260	2.78	≤11.00	7.44	---	PASS
	Ant1	5280	-0.05	≤11.00	1.60	---	PASS
	Ant2	5280	-0.11	≤11.00	1.54	---	PASS
	total	5280	2.93	≤11.00	7.59	---	PASS
	Ant1	5320	-0.5	≤11.00	1.15	---	PASS
	Ant2	5320	-0.16	≤11.00	1.49	---	PASS
	total	5320	2.68	≤11.00	7.34	---	PASS
	Ant1	5500	0.66	≤11.00	2.31	---	PASS
	Ant2	5500	-0.31	≤11.00	1.34	---	PASS
	total	5500	3.21	≤11.00	7.87	---	PASS
	Ant1	5580	0.08	≤11.00	1.73	---	PASS
	Ant2	5580	-0.16	≤11.00	1.49	---	PASS
	total	5580	2.97	≤11.00	7.63	---	PASS
	Ant1	5700	-0.61	≤11.00	1.04	---	PASS
	Ant2	5700	-0.27	≤11.00	1.38	---	PASS
	total	5700	2.57	≤11.00	7.23	---	PASS
	Ant1	5720_UNII-2C	-0.52	≤11.00	1.13	---	PASS
	Ant2	5720_UNII-2C	-0.07	≤11.00	1.58	---	PASS
	total	5720_UNII-2C	2.72	≤11.00	7.38	---	PASS
	Ant1	5720_UNII-3	-5.09	≤30.00	-3.44	---	PASS
	Ant2	5720_UNII-3	-5	≤30.00	-3.35	---	PASS
	total	5720_UNII-3	-2.03	≤30.00	2.63	---	PASS
	Ant1	5745	1.54	≤30.00	3.19	---	PASS
	Ant2	5745	2.6	≤30.00	4.25	---	PASS
	total	5745	5.11	≤30.00	9.77	---	PASS
	Ant1	5785	2.65	≤30.00	4.30	---	PASS
	Ant2	5785	1.26	≤30.00	2.91	---	PASS
	total	5785	5.02	≤30.00	9.68	---	PASS
	Ant1	5825	1.45	≤30.00	3.10	---	PASS
	Ant2	5825	1.79	≤30.00	3.44	---	PASS
	total	5825	4.63	≤30.00	9.29	---	PASS
11N20MIMO	Ant1	5180	-0.63	≤11.00	1.02	≤10.00	PASS
	Ant2	5180	0.01	≤11.00	1.66	≤10.00	PASS
	total	5180	2.71	≤11.00	7.37	≤10.00	PASS
	Ant1	5200	0.38	≤11.00	2.03	≤10.00	PASS
	Ant2	5200	1.02	≤11.00	2.67	≤10.00	PASS
	total	5200	3.72	≤11.00	8.38	≤10.00	PASS
	Ant1	5240	0.73	≤11.00	2.38	≤10.00	PASS
	Ant2	5240	1.64	≤11.00	3.29	≤10.00	PASS
	total	5240	4.22	≤11.00	8.88	≤10.00	PASS
	Ant1	5260	-1.5	≤11.00	0.15	---	PASS
	Ant2	5260	-0.35	≤11.00	1.30	---	PASS
	total	5260	2.12	≤11.00	6.78	---	PASS
	Ant1	5280	-0.98	≤11.00	0.67	---	PASS

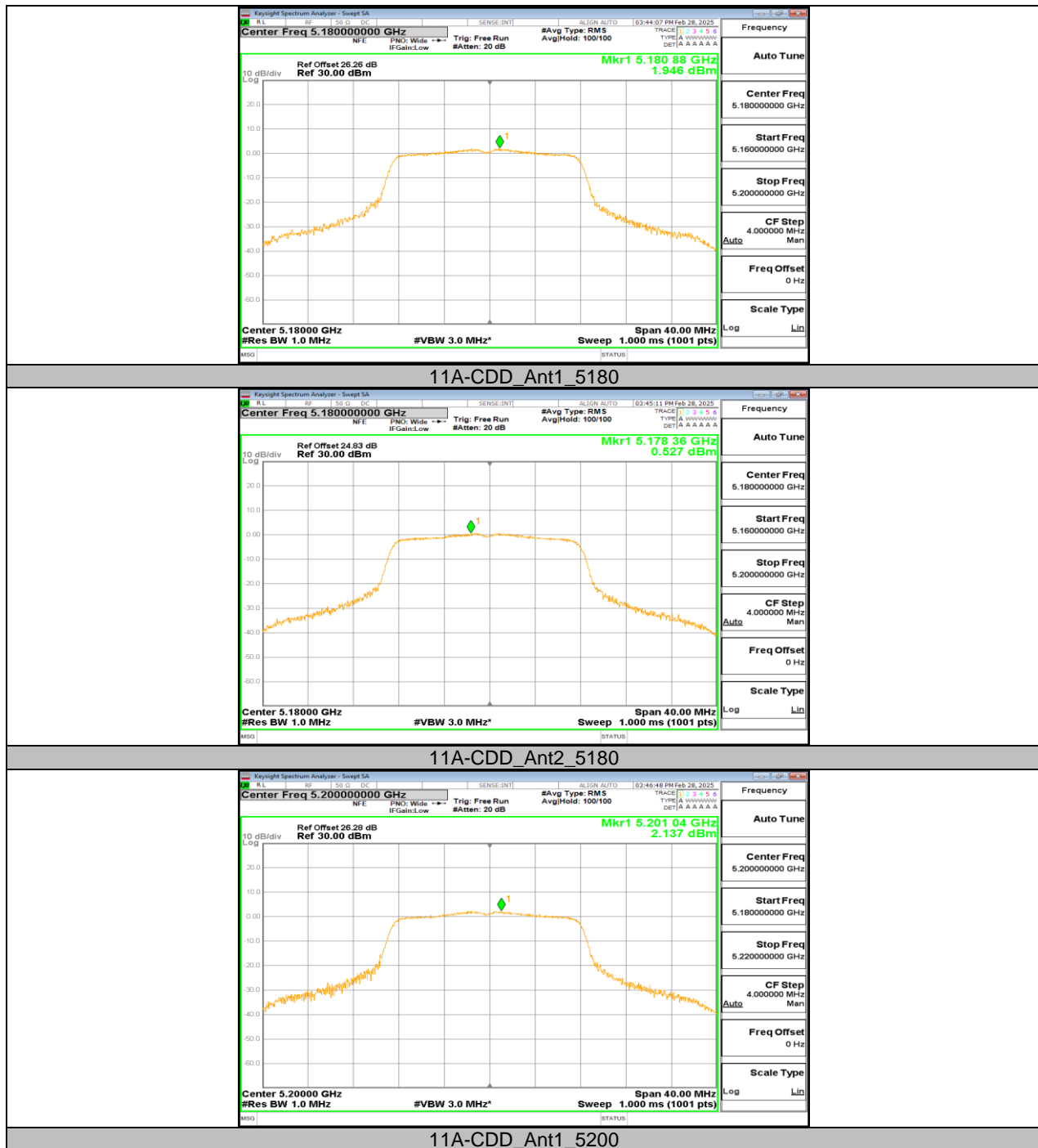
	Ant2	5280	-0.67	≤11.00	0.98	---	PASS
	total	5280	2.19	≤11.00	6.85	---	PASS
	Ant1	5320	-1.48	≤11.00	0.17	---	PASS
	Ant2	5320	-0.4	≤11.00	1.25	---	PASS
	total	5320	2.1	≤11.00	6.76	---	PASS
	Ant1	5500	-0.11	≤11.00	1.54	---	PASS
	Ant2	5500	0.24	≤11.00	1.89	---	PASS
	total	5500	3.08	≤11.00	7.74	---	PASS
	Ant1	5580	0.48	≤11.00	2.13	---	PASS
	Ant2	5580	0.15	≤11.00	1.80	---	PASS
	total	5580	3.33	≤11.00	7.99	---	PASS
	Ant1	5700	-0.08	≤11.00	1.57	---	PASS
	Ant2	5700	0.09	≤11.00	1.74	---	PASS
	total	5700	3.02	≤11.00	7.68	---	PASS
	Ant1	5720_UNII-2C	0.07	≤11.00	1.72	---	PASS
	Ant2	5720_UNII-2C	-0.33	≤11.00	1.32	---	PASS
	total	5720_UNII-2C	2.88	≤11.00	7.54	---	PASS
	Ant1	5720_UNII-3	-5.78	≤30.00	-4.13	---	PASS
	Ant2	5720_UNII-3	-5.65	≤30.00	-4.00	---	PASS
	total	5720_UNII-3	-2.7	≤30.00	1.96	---	PASS
	Ant1	5745	1.1	≤30.00	2.75	---	PASS
	Ant2	5745	2.91	≤30.00	4.56	---	PASS
	total	5745	5.11	≤30.00	9.77	---	PASS
	Ant1	5785	1.82	≤30.00	3.47	---	PASS
	Ant2	5785	2.69	≤30.00	4.34	---	PASS
	total	5785	5.29	≤30.00	9.95	---	PASS
	Ant1	5825	1.88	≤30.00	3.53	---	PASS
	Ant2	5825	2.77	≤30.00	4.42	---	PASS
	total	5825	5.36	≤30.00	10.02	---	PASS
11N40MIMO	Ant1	5190	-1.48	≤11.00	0.17	≤10.00	PASS
	Ant2	5190	-1.28	≤11.00	0.37	≤10.00	PASS
	total	5190	1.63	≤11.00	6.29	≤10.00	PASS
	Ant1	5230	-1.04	≤11.00	0.61	≤10.00	PASS
	Ant2	5230	-0.96	≤11.00	0.69	≤10.00	PASS
	total	5230	2.01	≤11.00	6.67	≤10.00	PASS
	Ant1	5270	-1.07	≤11.00	0.58	---	PASS
	Ant2	5270	-1.02	≤11.00	0.63	---	PASS
	total	5270	1.97	≤11.00	6.63	---	PASS
	Ant1	5310	-1.07	≤11.00	0.58	---	PASS
	Ant2	5310	-1.23	≤11.00	0.42	---	PASS
	total	5310	1.86	≤11.00	6.52	---	PASS
	Ant1	5510	-1.25	≤11.00	0.40	---	PASS
	Ant2	5510	-0.82	≤11.00	0.83	---	PASS
	total	5510	1.98	≤11.00	6.64	---	PASS
	Ant1	5550	-1.24	≤11.00	0.41	---	PASS
	Ant2	5550	-1.27	≤11.00	0.38	---	PASS
	total	5550	1.76	≤11.00	6.42	---	PASS
	Ant1	5670	-1.19	≤11.00	0.46	---	PASS
	Ant2	5670	-0.78	≤11.00	0.87	---	PASS
	total	5670	2.03	≤11.00	6.69	---	PASS
	Ant1	5710_UNII-2C	-0.65	≤11.00	1.00	---	PASS
	Ant2	5710_UNII-2C	-0.58	≤11.00	1.07	---	PASS
	total	5710_UNII-2C	2.4	≤11.00	7.06	---	PASS
	Ant1	5710_UNII-3	-7.3	≤30.00	-5.65	---	PASS
	Ant2	5710_UNII-3	-7.04	≤30.00	-5.39	---	PASS
	total	5710_UNII-3	-4.16	≤30.00	0.50	---	PASS
	Ant1	5755	-0.89	≤30.00	0.76	---	PASS
	Ant2	5755	-0.13	≤30.00	1.52	---	PASS
	total	5755	2.52	≤30.00	7.18	---	PASS
	Ant1	5795	-0.71	≤30.00	0.94	---	PASS

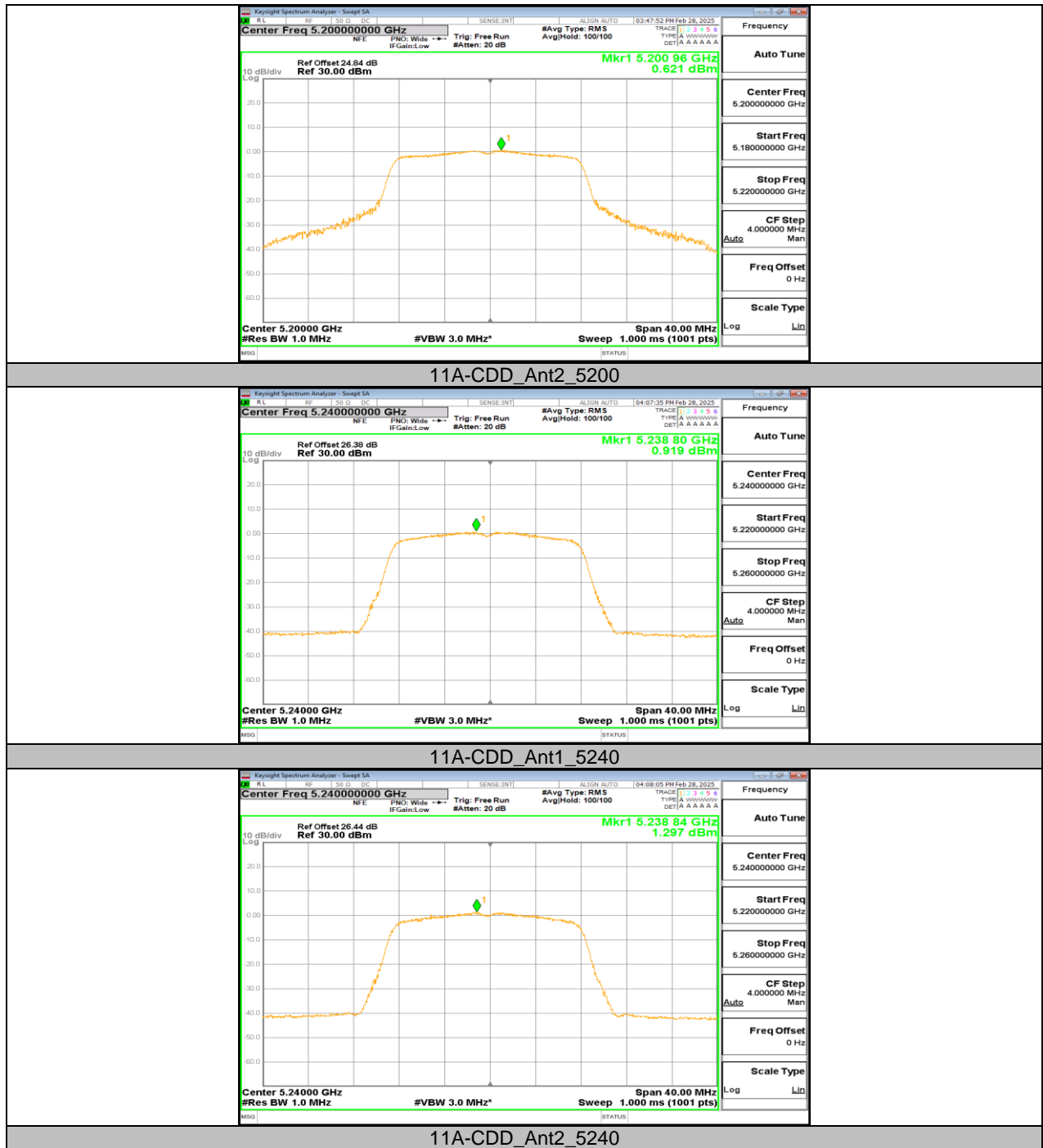
	Ant2	5795	-0.97	≤30.00	0.68	---	PASS
	total	5795	2.17	≤30.00	6.83	---	PASS
11AC80MIMO	Ant1	5210	-7.46	≤11.00	-5.81	≤10.00	PASS
	Ant2	5210	-6.94	≤11.00	-5.29	≤10.00	PASS
	total	5210	-4.18	≤11.00	0.48	≤10.00	PASS
	Ant1	5290	-5.73	≤11.00	-4.08	---	PASS
	Ant2	5290	-5.5	≤11.00	-3.85	---	PASS
	total	5290	-2.6	≤11.00	2.06	---	PASS
	Ant1	5530	-6.19	≤11.00	-4.54	---	PASS
	Ant2	5530	-5.61	≤11.00	-3.96	---	PASS
	total	5530	-2.88	≤11.00	1.78	---	PASS
	Ant1	5610	-6.24	≤11.00	-4.59	---	PASS
	Ant2	5610	-6.02	≤11.00	-4.37	---	PASS
	total	5610	-3.12	≤11.00	1.54	---	PASS
	Ant1	5690_UNII-2C	-5.41	≤11.00	-3.76	---	PASS
	Ant2	5690_UNII-2C	-6	≤11.00	-4.35	---	PASS
	total	5690_UNII-2C	-2.68	≤11.00	1.98	---	PASS
	Ant1	5690_UNII-3	-12.42	≤30.00	-10.77	---	PASS
	Ant2	5690_UNII-3	-13.05	≤30.00	-11.40	---	PASS
	total	5690_UNII-3	-9.71	≤30.00	-5.05	---	PASS
	Ant1	5775	-4.69	≤30.00	-3.04	---	PASS
	Ant2	5775	-3.92	≤30.00	-2.27	---	PASS
	total	5775	-1.28	≤30.00	3.38	---	PASS
11AX20MIMO	Ant1	5180	3.5	≤11.00	5.15	≤10.00	PASS
	Ant2	5180	4.06	≤11.00	5.71	≤10.00	PASS
	total	5180	6.8	≤11.00	11.46	≤10.00	PASS
	Ant1	5200	0.68	≤11.00	2.33	≤10.00	PASS
	Ant2	5200	1.28	≤11.00	2.93	≤10.00	PASS
	total	5200	4	≤11.00	8.66	≤10.00	PASS
	Ant1	5240	0.81	≤11.00	2.46	≤10.00	PASS
	Ant2	5240	1.48	≤11.00	3.13	≤10.00	PASS
	total	5240	4.17	≤11.00	8.83	≤10.00	PASS
	Ant1	5260	2.12	≤11.00	3.77	---	PASS
	Ant2	5260	3.75	≤11.00	5.40	---	PASS
	total	5260	6.02	≤11.00	10.68	---	PASS
	Ant1	5280	-0.08	≤11.00	1.57	---	PASS
	Ant2	5280	2.4	≤11.00	4.05	---	PASS
	total	5280	4.34	≤11.00	9.00	---	PASS
	Ant1	5320	2	≤11.00	3.65	---	PASS
	Ant2	5320	3.13	≤11.00	4.78	---	PASS
	total	5320	5.61	≤11.00	10.27	---	PASS
	Ant1	5500	2.22	≤11.00	3.87	---	PASS
	Ant2	5500	0.75	≤11.00	2.40	---	PASS
	total	5500	4.56	≤11.00	9.22	---	PASS
	Ant1	5580	2.6	≤11.00	4.25	---	PASS
	Ant2	5580	1.93	≤11.00	3.58	---	PASS
	total	5580	5.29	≤11.00	9.95	---	PASS
	Ant1	5700	2.07	≤11.00	3.72	---	PASS
	Ant2	5700	-0.45	≤11.00	1.20	---	PASS
	total	5700	4	≤11.00	8.66	---	PASS
	Ant1	5720_UNII-2C	2.46	≤11.00	4.11	---	PASS
	Ant2	5720_UNII-2C	2.04	≤11.00	3.69	---	PASS
	total	5720_UNII-2C	5.27	≤11.00	9.93	---	PASS
	Ant1	5720_UNII-3	-2.85	≤30.00	-1.20	---	PASS
	Ant2	5720_UNII-3	-2.61	≤30.00	-0.96	---	PASS
	total	5720_UNII-3	0.28	≤30.00	4.94	---	PASS
	Ant1	5745	-1.1	≤30.00	0.55	---	PASS
	Ant2	5745	-1.51	≤30.00	0.14	---	PASS
	total	5745	1.71	≤30.00	6.37	---	PASS
	Ant1	5785	1.51	≤30.00	3.16	---	PASS

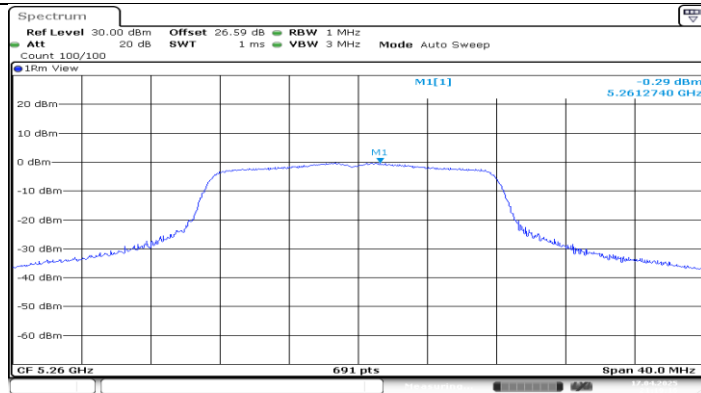
	Ant2	5785	2.17	≤30.00	3.82	---	PASS
	total	5785	4.86	≤30.00	9.52	---	PASS
	Ant1	5825	0.77	≤30.00	2.42	---	PASS
	Ant2	5825	1.15	≤30.00	2.80	---	PASS
	total	5825	3.97	≤30.00	8.63	---	PASS
11AX40MIMO	Ant1	5190	-6.51	≤11.00	-4.86	≤10.00	PASS
	Ant2	5190	-6	≤11.00	-4.35	≤10.00	PASS
	total	5190	-3.24	≤11.00	1.42	≤10.00	PASS
	Ant1	5230	-6.45	≤11.00	-4.80	≤10.00	PASS
	Ant2	5230	-5.93	≤11.00	-4.28	≤10.00	PASS
	total	5230	-3.17	≤11.00	1.49	≤10.00	PASS
	Ant1	5270	-6.32	≤11.00	-4.67	---	PASS
	Ant2	5270	-5.86	≤11.00	-4.21	---	PASS
	total	5270	-3.07	≤11.00	1.59	---	PASS
	Ant1	5310	-6.32	≤11.00	-4.67	---	PASS
	Ant2	5310	-5.92	≤11.00	-4.27	---	PASS
	total	5310	-3.11	≤11.00	1.55	---	PASS
	Ant1	5510	-11.25	≤11.00	-9.60	---	PASS
	Ant2	5510	-10.54	≤11.00	-8.89	---	PASS
	total	5510	-7.87	≤11.00	-3.21	---	PASS
	Ant1	5550	-11.18	≤11.00	-9.53	---	PASS
	Ant2	5550	-11.07	≤11.00	-9.42	---	PASS
	total	5550	-8.11	≤11.00	-3.45	---	PASS
	Ant1	5670	-11.56	≤11.00	-9.91	---	PASS
	Ant2	5670	-10.67	≤11.00	-9.02	---	PASS
	total	5670	-8.08	≤11.00	-3.42	---	PASS
	Ant1	5710_UNII-2C	-11.32	≤11.00	-9.67	---	PASS
	Ant2	5710_UNII-2C	-11.33	≤11.00	-9.68	---	PASS
	total	5710_UNII-2C	-8.31	≤11.00	-3.65	---	PASS
	Ant1	5710_UNII-3	-17.06	≤30.00	-15.41	---	PASS
	Ant2	5710_UNII-3	-16.06	≤30.00	-14.41	---	PASS
	total	5710_UNII-3	-13.52	≤30.00	-8.86	---	PASS
	Ant1	5755	-6.77	≤30.00	-5.12	---	PASS
	Ant2	5755	-6.12	≤30.00	-4.47	---	PASS
	total	5755	-3.42	≤30.00	1.24	---	PASS
	Ant1	5795	-5.74	≤30.00	-4.09	---	PASS
	Ant2	5795	-5.58	≤30.00	-3.93	---	PASS
	total	5795	-2.65	≤30.00	2.01	---	PASS
11AX80MIMO	Ant1	5210	-5.55	≤11.00	-3.90	≤10.00	PASS
	Ant2	5210	-4.34	≤11.00	-2.69	≤10.00	PASS
	total	5210	-1.89	≤11.00	2.77	≤10.00	PASS
	Ant1	5290	-5.2	≤11.00	-3.55	---	PASS
	Ant2	5290	-4.22	≤11.00	-2.57	---	PASS
	total	5290	-1.67	≤11.00	2.99	---	PASS
	Ant1	5530	-7.63	≤11.00	-5.98	---	PASS
	Ant2	5530	-6.33	≤11.00	-4.68	---	PASS
	total	5530	-3.92	≤11.00	0.74	---	PASS
	Ant1	5610	-7.72	≤11.00	-6.07	---	PASS
	Ant2	5610	-6.74	≤11.00	-5.09	---	PASS
	total	5610	-4.19	≤11.00	0.47	---	PASS
	Ant1	5690_UNII-2C	-7.9	≤11.00	-6.25	---	PASS
	Ant2	5690_UNII-2C	-6.56	≤11.00	-4.91	---	PASS
	total	5690_UNII-2C	-4.17	≤11.00	0.49	---	PASS
	Ant1	5690_UNII-3	-13.63	≤30.00	-11.98	---	PASS
	Ant2	5690_UNII-3	-12.39	≤30.00	-10.74	---	PASS
	total	5690_UNII-3	-9.96	≤30.00	-5.30	---	PASS
	Ant1	5775	-3.41	≤30.00	-1.76	---	PASS
	Ant2	5775	-2.07	≤30.00	-0.42	---	PASS
	total	5775	0.32	≤30.00	4.98	---	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. Because the test equipment does not support setting RBW to 500KHz, the test chose to use the closest setting RBW 510KHz, VBW 1.5MHz. Although 3xRBW was not used, there was no difference in the test results based on spot-check.

11.5.2. Test Graphs

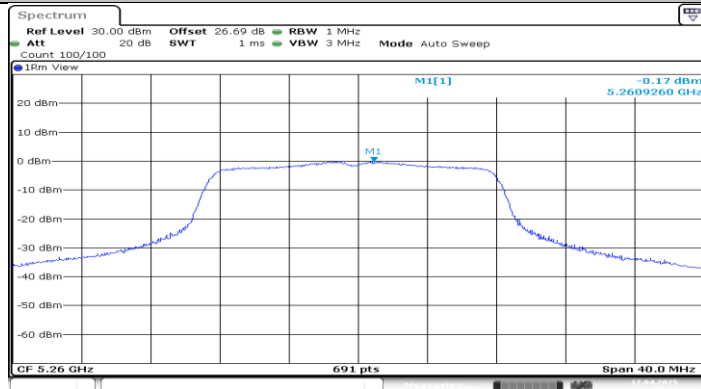






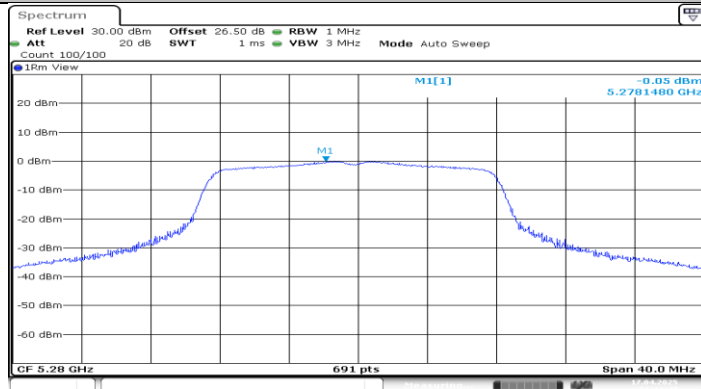
ABC
Date: 17 APR 2025 21:19:16

11A-CDD_Ant1_5260



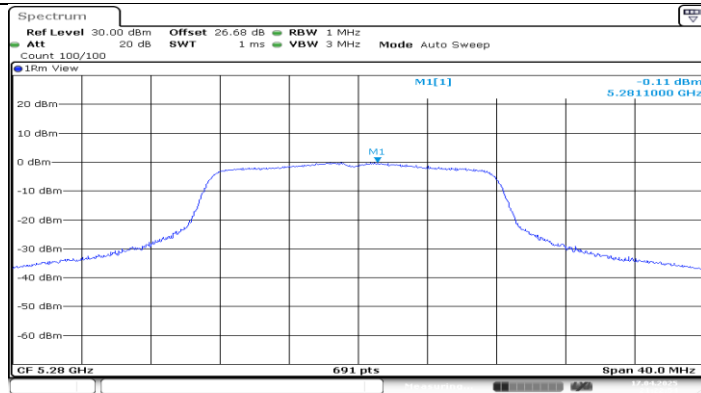
ABC
Date: 17 APR 2025 21:20:23

11A-CDD_Ant2_5260



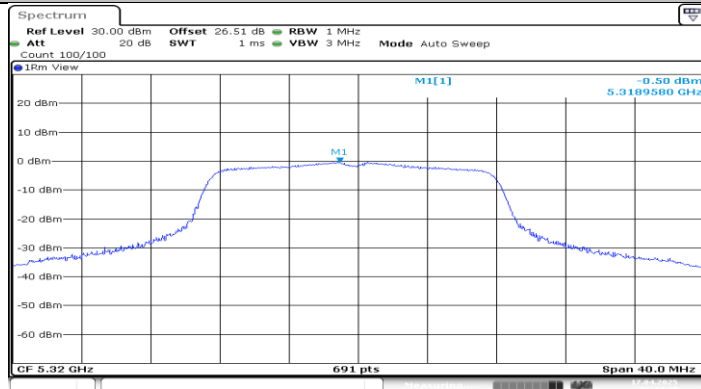
ABC
Date: 17 APR 2025 21:21:47

11A-CDD_Ant1_5280



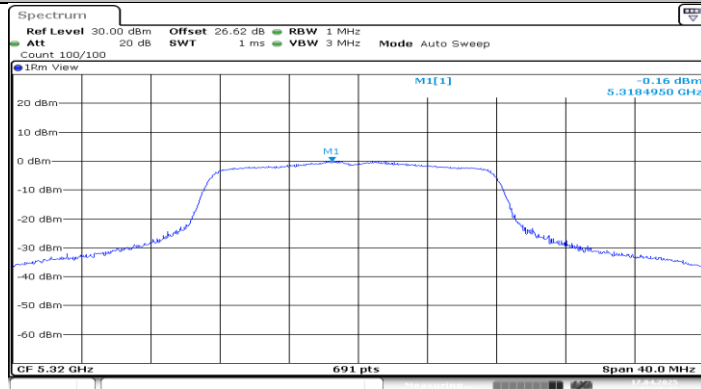
ABC
Date: 17 APR 2025 21:22:54

11A-CDD_Ant2_5280



ABC
Date: 17 APR 2025 21:24:36

11A-CDD_Ant1_5320



ABC
Date: 17 APR 2025 21:25:42

11A-CDD_Ant2_5320