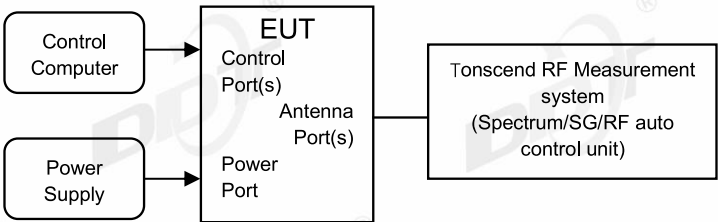


8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (24 dBm)	5150-5250
	250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350
	250 mW (24 dBm) or $11 + 10 \log_{10} B$	5470 - 5725
	1 Watt (30 dBm)	5725-5850
Note 1: For B=26 bandwidth		
Note 2: For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 8.22 dBi.		

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

8.4. Test result channel power

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 1#
Ambient Condition:	25.8℃,55.9%RH	Test Date:	2024.06.12-2024.08.18
Test Power Supply:	AC120V/60Hz	Sample Number:	S24051516-001

Test Mode	Antenna	Frequency [MHz]	TPC Mode	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	NA	10.81	35.22	4.53	15.34	≤23.98	PASS
	Ant2	5180	NA	9.88	35.31	4.52	14.40	≤23.98	PASS
	Ant1	5200	NA	10.48	35.22	4.53	15.01	≤23.98	PASS
	Ant2	5200	NA	10.16	35.22	4.53	14.69	≤23.98	PASS
	Ant1	5240	NA	9.83	35.31	4.52	14.35	≤23.98	PASS
	Ant2	5240	NA	10.13	35.22	4.53	14.66	≤23.98	PASS
	Ant1	5260	TPC L	3.33	35.05	4.55	7.88	≤23.61	PASS
			TPC H	10.92	35.05	4.55	15.47	≤23.61	PASS
	Ant2	5260	TPC L	2.65	35.05	4.55	7.20	≤23.61	PASS
			TPC H	10.76	35.05	4.55	15.31	≤23.61	PASS
	Ant1	5280	TPC L	2.90	35.31	4.52	7.42	≤23.61	PASS
			TPC H	10.35	35.31	4.52	14.87	≤23.61	PASS
	Ant2	5280	TPC L	2.41	35.05	4.55	6.96	≤23.61	PASS
			TPC H	10.40	35.05	4.55	14.95	≤23.61	PASS
	Ant1	5320	TPC L	2.45	35.14	4.54	6.99	≤23.61	PASS
			TPC H	9.36	35.14	4.54	13.90	≤23.61	PASS
	Ant2	5320	TPC L	1.65	35.31	4.52	6.17	≤23.61	PASS
			TPC H	9.47	35.31	4.52	13.99	≤23.61	PASS
	Ant1	5500	TPC L	-0.14	35.22	4.53	4.39	≤23.61	PASS
			TPC H	6.94	35.22	4.53	11.47	≤23.61	PASS
	Ant2	5500	TPC L	-3.68	35.05	4.55	0.87	≤23.61	PASS
			TPC H	5.57	35.05	4.55	10.12	≤23.61	PASS
	Ant1	5580	TPC L	0.89	35.31	4.52	5.41	≤23.61	PASS
			TPC H	8.62	35.31	4.52	13.14	≤23.61	PASS
	Ant2	5580	TPC L	-4.28	35.14	4.54	0.26	≤23.61	PASS
			TPC H	5.36	35.14	4.54	9.90	≤23.61	PASS
	Ant1	5700	TPC L	2.01	35.14	4.54	14.90	≤23.61	PASS
			TPC H	9.91	35.14	4.54	6.55	≤23.61	PASS
	Ant2	5700	TPC L	-1.52	35.14	4.54	3.02	≤23.61	PASS
			TPC H	6.72	35.14	4.54	11.26	≤23.61	PASS
	Ant1	5720	TPC L	1.69	35.22	4.53	6.22	≤23.61	PASS
			TPC H	9.51	35.22	4.53	14.04	≤23.61	PASS
	Ant2	5720	TPC L	-1.35	35.14	4.54	3.19	≤23.61	PASS
			TPC H	6.54	35.14	4.54	11.08	≤23.61	PASS
	Ant1	5745	NA	9.04	35.14	4.54	13.58	≤30.00	PASS
	Ant2	5745	NA	7.28	35.31	4.52	11.80	≤30.00	PASS
	Ant1	5785	NA	8.93	35.14	4.54	13.47	≤30.00	PASS
	Ant2	5785	NA	7.77	35.22	4.53	12.30	≤30.00	PASS
	Ant1	5825	NA	8.91	35.22	4.53	13.44	≤30.00	PASS
	Ant2	5825	NA	8.15	35.22	4.53	12.68	≤30.00	PASS
11N20MIMO	Ant1	5180	NA	11.58	31.42	5.03	16.61	≤23.98	PASS
	Ant2	5180	NA	10.82	31.42	5.03	15.85	≤23.98	PASS
	total	5180	NA	---	---	---	19.26	≤23.98	PASS
	Ant1	5200	NA	11.38	31.34	5.04	16.42	≤23.98	PASS
	Ant2	5200	NA	10.72	31.42	5.03	15.75	≤23.98	PASS
	total	5200	NA	---	---	---	19.11	≤23.98	PASS
	Ant1	5240	NA	10.64	31.52	5.01	15.65	≤23.98	PASS
	Ant2	5240	NA	10.83	31.34	5.04	15.87	≤23.98	PASS
	total	5240	NA	---	---	---	18.77	≤23.98	PASS
	Ant1	5260	TPC L	0.53	31.42	5.03	5.56	≤23.61	PASS
			TPC H	10.37	31.42	5.03	15.40	≤23.61	PASS
	Ant2	5260	TPC L	1.80	31.42	5.03	6.83	≤23.61	PASS
			TPC H	11.12	31.42	5.03	16.15	≤23.61	PASS
	total	5260	TPC L	---	---	---	9.25	≤23.61	PASS

	Ant1	5280	TPC H	---	---	---	18.80	≤23.61	PASS
			TPC L	-0.27	31.34	5.04	4.77	≤23.61	PASS
			TPC H	9.70	31.34	5.04	14.74	≤23.61	PASS
	Ant2	5280	TPC L	1.56	31.52	5.01	6.57	≤23.61	PASS
			TPC H	9.03	31.52	5.01	14.04	≤23.61	PASS
	total	5280	TPC L	---	---	---	8.77	≤23.61	PASS
			TPC H	---	---	---	17.41	≤23.61	PASS
	Ant1	5320	TPC L	-3.39	31.34	5.04	1.65	≤23.61	PASS
			TPC H	8.64	31.34	5.04	13.68	≤23.61	PASS
	Ant2	5320	TPC L	-4.97	31.34	5.04	0.07	≤23.61	PASS
			TPC H	10.28	31.34	5.04	15.32	≤23.61	PASS
	total	5320	TPC L	---	---	---	3.94	≤23.61	PASS
			TPC H	---	---	---	17.59	≤23.61	PASS
	Ant1	5500	TPC L	-3.99	31.42	5.03	1.04	≤23.61	PASS
			TPC H	6.67	31.42	5.03	11.70	≤23.61	PASS
	Ant2	5500	TPC L	-4.07	31.42	5.03	0.96	≤23.61	PASS
			TPC H	4.88	31.42	5.03	9.91	≤23.61	PASS
	total	5500	TPC L	---	---	---	4.01	≤23.61	PASS
			TPC H	---	---	---	13.91	≤23.61	PASS
	Ant1	5580	TPC L	-2.20	31.34	5.04	2.84	≤23.61	PASS
			TPC H	8.65	31.34	5.04	13.69	≤23.61	PASS
	Ant2	5580	TPC L	-5.24	31.34	5.04	-0.20	≤23.61	PASS
			TPC H	4.30	31.34	5.04	9.34	≤23.61	PASS
	total	5580	TPC L	---	---	---	4.59	≤23.61	PASS
			TPC H	---	---	---	15.05	≤23.61	PASS
	Ant1	5700	TPC L	-0.70	31.34	5.04	4.34	≤23.61	PASS
			TPC H	9.53	31.34	5.04	14.57	≤23.61	PASS
	Ant2	5700	TPC L	-2.67	31.34	5.04	2.37	≤23.61	PASS
			TPC H	6.72	31.34	5.04	11.76	≤23.61	PASS
	total	5700	TPC L	---	---	---	6.48	≤23.61	PASS
			TPC H	---	---	---	16.40	≤23.61	PASS
	Ant1	5720	TPC L	-1.41	31.34	5.04	3.63	≤23.61	PASS
			TPC H	9.01	31.34	5.04	14.05	≤23.61	PASS
	Ant2	5720	TPC L	-2.29	31.34	5.04	2.75	≤23.61	PASS
			TPC H	7.10	31.34	5.04	12.14	≤23.61	PASS
	total	5720	TPC L	---	---	---	6.22	≤23.61	PASS
			TPC H	---	---	---	16.21	≤23.61	PASS
	Ant1	5745	NA	8.80	31.34	5.04	13.84	≤23.98	PASS
	Ant2	5745	NA	7.10	31.52	5.01	12.11	≤23.98	PASS
	total	5745	NA	---	---	---	16.07	≤23.98	PASS
	Ant1	5785	NA	8.62	31.34	5.04	13.66	≤23.98	PASS
	Ant2	5785	NA	7.47	31.34	5.04	12.51	≤23.98	PASS
	total	5785	NA	---	---	---	16.13	≤23.98	PASS
	Ant1	5825	NA	8.67	31.34	5.04	13.71	≤23.98	PASS
	Ant2	5825	NA	7.63	31.34	5.04	12.67	≤23.98	PASS
	total	5825	NA	---	---	---	16.23	≤23.98	PASS
11N40MIMO	Ant1	5190	NA	8.37	18.71	7.28	15.65	≤23.98	PASS
	Ant2	5190	NA	6.90	18.45	7.34	14.24	≤23.98	PASS
	total	5190	NA	---	---	---	18.01	≤23.98	PASS
	Ant1	5230	NA	7.36	18.71	7.28	14.64	≤23.98	PASS
	Ant2	5230	NA	7.61	18.71	7.28	14.89	≤23.98	PASS
	total	5230	NA	---	---	---	17.78	≤23.98	PASS
	Ant1	5270	TPC L	-1.48	18.45	7.34	5.86	≤23.61	PASS
			TPC H	6.54	18.45	7.34	13.88	≤23.61	PASS
	Ant2	5270	TPC L	0.42	18.45	7.34	7.76	≤23.61	PASS
			TPC H	7.78	18.45	7.34	15.12	≤23.61	PASS
	total	5270	TPC L	---	---	---	9.92	≤23.61	PASS
			TPC H	---	---	---	17.55	≤23.61	PASS
	Ant1	5310	TPC L	-2.74	18.45	7.34	4.60	≤23.61	PASS
			TPC H	5.23	18.45	7.34	12.57	≤23.61	PASS
	Ant2	5310	TPC L	-0.50	18.45	7.34	6.84	≤23.61	PASS
			TPC H	6.72	18.45	7.34	14.06	≤23.61	PASS
	total	5310	TPC L	---	---	---	8.87	≤23.61	PASS
			TPC H	---	---	---	16.39	≤23.61	PASS

	Ant1	5510	TPC L	-4.87	18.45	7.34	2.47	≤23.61	PASS
			TPC H	3.78	18.45	7.34	11.12	≤23.61	PASS
	Ant2	5510	TPC L	-6.17	18.45	7.34	1.17	≤23.61	PASS
			TPC H	0.81	18.45	7.34	8.15	≤23.61	PASS
	total	5510	TPC L	---	---	---	4.88	≤23.61	PASS
			TPC H	---	---	---	12.89	≤23.61	PASS
	Ant1	5550	TPC L	-4.07	18.71	7.28	3.21	≤23.61	PASS
			TPC H	5.13	18.71	7.28	12.41	≤23.61	PASS
	Ant2	5550	TPC L	-6.75	18.71	7.28	0.53	≤23.61	PASS
			TPC H	0.94	18.71	7.28	8.22	≤23.61	PASS
	total	5550	TPC L	---	---	---	5.08	≤23.61	PASS
			TPC H	---	---	---	13.81	≤23.61	PASS
	Ant1	5670	TPC L	-1.62	18.51	7.33	5.71	≤23.61	PASS
			TPC H	6.71	18.51	7.33	14.04	≤23.61	PASS
	Ant2	5670	TPC L	-3.79	18.51	7.33	3.54	≤23.61	PASS
			TPC H	3.52	18.51	7.33	10.85	≤23.61	PASS
	total	5670	TPC L	---	---	---	7.77	≤23.61	PASS
			TPC H	---	---	---	15.74	≤23.61	PASS
	Ant1	5710	TPC L	-1.85	18.45	7.34	5.49	≤23.61	PASS
			TPC H	5.97	18.45	7.34	13.31	≤23.61	PASS
	Ant2	5710	TPC L	-3.44	18.45	7.34	3.90	≤23.61	PASS
			TPC H	4.41	18.45	7.34	11.75	≤23.61	PASS
	total	5710	TPC L	---	---	---	7.78	≤23.61	PASS
			TPC H	---	---	---	15.61	≤23.61	PASS
	Ant1	5755	NA	5.26	18.45	7.34	12.60	≤23.98	PASS
	Ant2	5755	NA	4.12	18.77	7.27	11.39	≤23.98	PASS
	total	5755	NA	---	---	---	15.05	≤23.98	PASS
	Ant1	5795	NA	5.36	18.77	7.27	12.63	≤23.98	PASS
	Ant2	5795	NA	4.34	18.51	7.33	11.67	≤23.98	PASS
	total	5795	NA	---	---	---	15.19	≤23.98	PASS
11AC20MIMO	Ant1	5180	NA	10.91	31.52	5.01	15.92	≤23.98	PASS
	Ant2	5180	NA	9.40	31.52	5.01	14.41	≤23.98	PASS
	total	5180	NA	---	---	---	18.24	≤23.98	PASS
	Ant1	5200	NA	10.68	31.52	5.01	15.69	≤23.98	PASS
	Ant2	5200	NA	9.39	31.52	5.01	14.40	≤23.98	PASS
	total	5200	NA	---	---	---	18.10	≤23.98	PASS
	Ant1	5240	NA	9.94	31.52	5.01	14.95	≤23.98	PASS
	Ant2	5240	NA	9.44	31.52	5.01	14.45	≤23.98	PASS
	total	5240	NA	---	---	---	17.72	≤23.98	PASS
	Ant1	5260	TPC L	1.51	31.52	5.01	6.52	≤23.61	PASS
			TPC H	10.58	31.52	5.01	15.59	≤23.61	PASS
	Ant2	5260	TPC L	2.67	31.61	5.00	7.67	≤23.61	PASS
			TPC H	8.67	31.61	5.00	13.67	≤23.61	PASS
	total	5260	TPC L	---	---	---	10.14	≤23.61	PASS
			TPC H	---	---	---	17.75	≤23.61	PASS
	Ant1	5280	TPC L	0.63	31.61	5.00	5.63	≤23.61	PASS
			TPC H	10.31	31.61	5.00	15.31	≤23.61	PASS
	Ant2	5280	TPC L	2.42	31.42	5.03	7.45	≤23.61	PASS
			TPC H	8.78	31.42	5.03	13.81	≤23.61	PASS
	total	5280	TPC L	---	---	---	9.64	≤23.61	PASS
			TPC H	---	---	---	17.63	≤23.61	PASS
	Ant1	5320	TPC L	0.00	31.42	5.03	5.03	≤23.61	PASS
			TPC H	8.16	31.42	5.03	13.19	≤23.61	PASS
	Ant2	5320	TPC L	1.72	31.61	5.00	6.72	≤23.61	PASS
			TPC H	8.54	31.61	5.00	13.54	≤23.61	PASS
	total	5320	TPC L	---	---	---	8.97	≤23.61	PASS
			TPC H	---	---	---	16.38	≤23.61	PASS
	Ant1	5500	TPC L	-3.18	31.61	5.00	1.82	≤23.61	PASS
			TPC H	5.90	31.61	5.00	10.90	≤23.61	PASS
	Ant2	5500	TPC L	-3.79	31.61	5.00	1.21	≤23.61	PASS
			TPC H	4.81	31.61	5.00	9.81	≤23.61	PASS
	total	5500	TPC L	---	---	---	4.54	≤23.61	PASS
			TPC H	---	---	---	13.40	≤23.61	PASS
	Ant1	5580	TPC L	-1.26	31.52	5.01	3.75	≤23.61	PASS

11AC40MIMO	Ant2	5580	TPC H	7.73	31.52	5.01	12.74	≤23.61	PASS
			TPC L	-4.32	31.52	5.01	0.69	≤23.61	PASS
			TPC H	4.84	31.52	5.01	9.85	≤23.61	PASS
	total	5580	TPC L	---	---	---	5.49	≤23.61	PASS
			TPC H	---	---	---	14.54	≤23.61	PASS
	Ant1	5700	TPC L	0.23	31.42	5.03	5.26	≤23.61	PASS
			TPC H	8.90	31.42	5.03	13.93	≤23.61	PASS
	Ant2	5700	TPC L	-1.62	31.34	5.04	3.42	≤23.61	PASS
			TPC H	6.11	31.34	5.04	11.15	≤23.61	PASS
	total	5700	TPC L	---	---	---	7.45	≤23.61	PASS
			TPC H	---	---	---	15.77	≤23.61	PASS
	Ant1	5720	TPC L	0.66	31.52	5.01	5.67	≤23.61	PASS
			TPC H	8.20	31.52	5.01	13.21	≤23.61	PASS
	Ant2	5720	TPC L	-1.02	31.61	5.00	3.98	≤23.61	PASS
			TPC H	6.56	31.61	5.00	11.56	≤23.61	PASS
	total	5720	TPC L	---	---	---	7.92	≤23.61	PASS
			TPC H	---	---	---	15.47	≤23.61	PASS
	Ant1	5745	NA	8.13	31.61	5.00	13.13	≤23.98	PASS
	Ant2	5745	NA	5.53	31.52	5.01	10.54	≤23.98	PASS
	total	5745	NA	---	---	---	15.04	≤23.98	PASS
	Ant1	5785	NA	7.92	31.42	5.03	12.95	≤23.98	PASS
	Ant2	5785	NA	5.52	31.52	5.01	10.53	≤23.98	PASS
	total	5785	NA	---	---	---	14.92	≤23.98	PASS
	Ant1	5825	NA	8.82	31.61	5.00	13.82	≤23.98	PASS
	Ant2	5825	NA	6.75	31.61	5.00	11.75	≤23.98	PASS
	total	5825	NA	---	---	---	15.92	≤23.98	PASS
	Ant1	5190	NA	8.48	18.45	7.34	15.82	≤23.98	PASS
	Ant2	5190	NA	7.22	18.45	7.34	14.56	≤23.98	PASS
	total	5190	NA	---	---	---	18.25	≤23.98	PASS
	Ant1	5230	NA	7.61	18.45	7.34	14.95	≤23.98	PASS
	Ant2	5230	NA	7.41	18.71	7.28	14.69	≤23.98	PASS
	total	5230	NA	---	---	---	17.83	≤23.98	PASS
	Ant1	5270	TPC L	-1.47	18.45	7.34	5.87	≤23.61	PASS
			TPC H	6.83	18.45	7.34	14.17	≤23.61	PASS
	Ant2	5270	TPC L	0.45	18.51	7.33	7.78	≤23.61	PASS
			TPC H	7.62	18.51	7.33	14.95	≤23.61	PASS
	total	5270	TPC L	---	---	---	9.94	≤23.61	PASS
			TPC H	---	---	---	17.59	≤23.61	PASS
	Ant1	5310	TPC L	-2.26	18.45	7.34	5.08	≤23.61	PASS
			TPC H	5.87	18.45	7.34	13.21	≤23.61	PASS
	Ant2	5310	TPC L	-0.48	18.45	7.34	6.86	≤23.61	PASS
			TPC H	6.33	18.45	7.34	13.67	≤23.61	PASS
	total	5310	TPC L	---	---	---	9.07	≤23.61	PASS
			TPC H	---	---	---	16.46	≤23.61	PASS
	Ant1	5510	TPC L	-4.82	18.71	7.28	2.46	≤23.61	PASS
			TPC H	3.96	18.71	7.28	11.24	≤23.61	PASS
	Ant2	5510	TPC L	-6.20	18.71	7.28	1.08	≤23.61	PASS
			TPC H	2.86	18.71	7.28	10.14	≤23.61	PASS
	total	5510	TPC L	---	---	---	4.83	≤23.61	PASS
			TPC H	---	---	---	13.74	≤23.61	PASS
	Ant1	5550	TPC L	-3.54	18.71	7.28	3.74	≤23.61	PASS
			TPC H	4.92	18.71	7.28	12.20	≤23.61	PASS
	Ant2	5550	TPC L	-6.57	18.45	7.34	0.77	≤23.61	PASS
			TPC H	2.55	18.45	7.34	9.89	≤23.61	PASS
	total	5550	TPC L	---	---	---	5.51	≤23.61	PASS
			TPC H	---	---	---	14.21	≤23.61	PASS
	Ant1	5670	TPC L	-1.05	18.45	7.34	6.29	≤23.61	PASS
			TPC H	6.85	18.45	7.34	14.19	≤23.61	PASS
	Ant2	5670	TPC L	-4.23	18.45	7.34	3.11	≤23.61	PASS
			TPC H	4.19	18.45	7.34	11.53	≤23.61	PASS
	total	5670	TPC L	---	---	---	8.00	≤23.61	PASS
			TPC H	---	---	---	16.07	≤23.61	PASS
	Ant1	5710	TPC L	-1.82	18.45	7.34	5.52	≤23.61	PASS
			TPC H	5.95	18.45	7.34	13.29	≤23.61	PASS

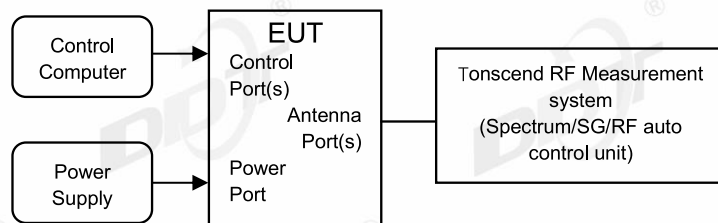
	Ant2	5710	TPC L	-3.69	18.51	7.33	3.64	≤23.61	PASS
			TPC H	4.46	18.51	7.33	11.79	≤23.61	PASS
	total	5710	TPC L	---	---	---	7.69	≤23.61	PASS
			TPC H	---	---	---	15.61	≤23.61	PASS
	Ant1	5755	NA	6.66	18.45	7.34	14.00	≤23.98	PASS
	Ant2	5755	NA	4.55	18.77	7.27	11.82	≤23.98	PASS
	total	5755	NA	---	---	---	16.06	≤23.98	PASS
	Ant1	5795	NA	6.77	18.45	7.34	14.11	≤23.98	PASS
11AC80MIMO	Ant2	5795	NA	4.80	18.45	7.34	12.14	≤23.98	PASS
	total	5795	NA	---	---	---	16.25	≤23.98	PASS
	Ant1	5210	NA	3.79	10.32	9.86	13.65	≤23.98	PASS
	Ant2	5210	NA	3.18	10.32	9.86	13.04	≤23.98	PASS
	total	5210	NA	---	---	---	16.37	≤23.98	PASS
	Ant1	5290	TPC L	-6.89	10.32	9.86	2.97	≤23.61	PASS
			TPC H	1.61	10.32	9.86	11.47	≤23.61	PASS
	Ant2	5290	TPC L	-4.82	10.32	9.86	5.04	≤23.61	PASS
			TPC H	2.12	10.32	9.86	11.98	≤23.61	PASS
	total	5290	TPC L	---	---	---	7.14	≤23.61	PASS
			TPC H	---	---	---	14.74	≤23.61	PASS
	Ant1	5530	TPC L	-9.43	10.32	9.86	0.43	≤23.61	PASS
			TPC H	-0.30	10.32	9.86	9.56	≤23.61	PASS
	Ant2	5530	TPC L	-10.96	10.36	9.85	-1.11	≤23.61	PASS
			TPC H	-1.81	10.36	9.85	8.04	≤23.61	PASS
	total	5530	TPC L	---	---	---	2.74	≤23.61	PASS
			TPC H	---	---	---	11.88	≤23.61	PASS
	Ant1	5610	TPC L	-7.29	10.00	10.00	2.71	≤23.61	PASS
			TPC H	1.43	10.00	10.00	11.43	≤23.61	PASS
	Ant2	5610	TPC L	-11.27	10.32	9.86	-1.41	≤23.61	PASS
			TPC H	-2.03	10.32	9.86	7.83	≤23.61	PASS
	total	5610	TPC L	---	---	---	4.13	≤23.61	PASS
			TPC H	---	---	---	13.00	≤23.61	PASS
	Ant1	5690	TPC L	-5.42	10.32	9.86	4.44	≤23.61	PASS
			TPC H	1.52	10.32	9.86	11.38	≤23.61	PASS
	Ant2	5690	TPC L	-7.11	10.32	9.86	2.75	≤23.61	PASS
			TPC H	-0.22	10.32	9.86	9.64	≤23.61	PASS
	total	5690	TPC L	---	---	---	6.69	≤23.61	PASS
			TPC H	---	---	---	13.61	≤23.61	PASS
	Ant1	5775	NA	3.98	10.36	9.85	13.83	≤23.98	PASS
	Ant2	5775	NA	1.69	10.32	9.86	11.55	≤23.98	PASS
	total	5775	NA	---	---	---	15.85	≤23.98	PASS
11AX20MIMO	Ant1	5180	NA	10.67	28.21	5.50	16.17	≤23.98	PASS
	Ant2	5180	NA	8.90	28.21	5.50	14.40	≤23.98	PASS
	total	5180	NA	---	---	---	18.38	≤23.98	PASS
	Ant1	5200	NA	10.31	28.21	5.50	15.81	≤23.98	PASS
	Ant2	5200	NA	8.91	28.21	5.50	14.41	≤23.98	PASS
	total	5200	NA	---	---	---	18.18	≤23.98	PASS
	Ant1	5240	NA	9.74	28.21	5.50	15.24	≤23.98	PASS
	Ant2	5240	NA	9.07	28.29	5.48	14.55	≤23.98	PASS
	total	5240	NA	---	---	---	17.92	≤23.98	PASS
	Ant1	5260	TPC L	-1.09	28.21	5.50	4.41	≤23.61	PASS
			TPC H	9.46	28.21	5.50	14.96	≤23.61	PASS
	Ant2	5260	TPC L	0.20	28.41	5.47	5.67	≤23.61	PASS
			TPC H	9.21	28.41	5.47	14.68	≤23.61	PASS
	total	5260	TPC L	---	---	---	8.10	≤23.61	PASS
			TPC H	---	---	---	17.83	≤23.61	PASS
	Ant1	5280	TPC L	-1.91	28.21	5.50	3.59	≤23.61	PASS
			TPC H	9.00	28.21	5.50	14.50	≤23.61	PASS
	Ant2	5280	TPC L	-0.14	28.21	5.50	5.36	≤23.61	PASS
			TPC H	9.08	28.21	5.50	14.58	≤23.61	PASS
	total	5280	TPC L	---	---	---	7.57	≤23.61	PASS
			TPC H	---	---	---	17.55	≤23.61	PASS
	Ant1	5320	TPC L	-2.93	28.21	5.50	2.57	≤23.61	PASS
			TPC H	8.16	28.21	5.50	13.66	≤23.61	PASS
	Ant2	5320	TPC L	-0.79	28.21	5.50	4.71	≤23.61	PASS

	total	5320	TPC H	7.14	28.21	5.50	12.64	≤23.61	PASS
			TPC L	---	---	---	6.78	≤23.61	PASS
	Ant1	5500	TPC H	---	---	---	16.19	≤23.61	PASS
			TPC L	-5.81	28.21	5.50	-0.31	≤23.61	PASS
	Ant2	5500	TPC H	5.72	28.21	5.50	11.22	≤23.61	PASS
			TPC L	-6.34	28.21	5.50	-0.84	≤23.61	PASS
	total	5500	TPC H	4.37	28.21	5.50	9.87	≤23.61	PASS
			TPC L	---	---	---	2.44	≤23.61	PASS
	Ant1	5580	TPC H	---	---	---	13.61	≤23.61	PASS
			TPC L	-3.86	28.21	5.50	1.64	≤23.61	PASS
	Ant2	5580	TPC H	7.35	28.21	5.50	12.85	≤23.61	PASS
			TPC L	-6.89	28.00	5.53	-1.36	≤23.61	PASS
	total	5580	TPC H	4.32	28.00	5.53	9.85	≤23.61	PASS
			TPC L	---	---	---	3.40	≤23.61	PASS
	Ant1	5700	TPC H	---	---	---	14.61	≤23.61	PASS
			TPC L	-2.37	28.21	5.50	3.13	≤23.61	PASS
	Ant2	5700	TPC H	8.58	28.21	5.50	14.08	≤23.61	PASS
			TPC L	-4.21	28.21	5.50	1.29	≤23.61	PASS
	total	5700	TPC H	5.74	28.21	5.50	11.24	≤23.61	PASS
			TPC L	---	---	---	5.32	≤23.61	PASS
	Ant1	5720	TPC H	---	---	---	15.90	≤23.61	PASS
			TPC L	-0.44	28.21	5.50	5.06	≤23.61	PASS
	Ant2	5720	TPC H	7.44	28.21	5.50	12.94	≤23.61	PASS
			TPC L	-2.05	28.29	5.48	3.43	≤23.61	PASS
	total	5720	TPC H	5.93	28.29	5.48	11.41	≤23.61	PASS
			TPC L	---	---	---	7.33	≤23.61	PASS
	Ant1	5745	TPC H	---	---	---	15.25	≤23.61	PASS
			TPC L	---	---	---	15.25	≤23.61	PASS
	Ant2	5745	TPC H	9.29	28.29	5.48	14.77	≤23.98	PASS
			TPC L	6.21	28.29	5.48	11.69	≤23.98	PASS
	total	5745	TPC H	---	---	---	16.51	≤23.98	PASS
			TPC L	---	---	---	16.51	≤23.98	PASS
	Ant1	5785	TPC H	8.81	28.49	5.45	14.26	≤23.98	PASS
			TPC L	6.19	28.21	5.50	11.69	≤23.98	PASS
	total	5785	TPC H	---	---	---	16.17	≤23.98	PASS
			TPC L	---	---	---	16.17	≤23.98	PASS
	Ant1	5825	TPC H	8.81	28.21	5.50	14.31	≤23.98	PASS
			TPC L	6.47	28.41	5.47	11.94	≤23.98	PASS
	total	5825	TPC H	---	---	---	16.30	≤23.98	PASS
			TPC L	---	---	---	16.30	≤23.98	PASS
11AX40MIMO	Ant1	5190	TPC H	8.79	18.71	7.28	16.07	≤23.98	PASS
			TPC L	7.56	18.71	7.28	14.84	≤23.98	PASS
	Ant2	5190	TPC H	---	---	---	18.51	≤23.98	PASS
			TPC L	---	---	---	18.51	≤23.98	PASS
	Ant1	5230	TPC H	8.27	18.71	7.28	15.55	≤23.98	PASS
			TPC L	7.76	18.45	7.34	15.10	≤23.98	PASS
	Ant2	5230	TPC H	---	---	---	18.34	≤23.98	PASS
			TPC L	---	---	---	18.34	≤23.98	PASS
	Ant1	5270	TPC H	-3.90	18.71	7.28	3.38	≤23.61	PASS
			TPC L	7.69	18.71	7.28	14.97	≤23.61	PASS
	Ant2	5270	TPC H	-1.82	18.77	7.27	5.45	≤23.61	PASS
			TPC L	7.85	18.77	7.27	15.12	≤23.61	PASS
	total	5270	TPC H	---	---	---	7.55	≤23.61	PASS
			TPC L	---	---	---	18.06	≤23.61	PASS
	Ant1	5310	TPC H	-4.80	18.71	7.28	2.48	≤23.61	PASS
			TPC L	6.79	18.71	7.28	14.07	≤23.61	PASS
	Ant2	5310	TPC H	-2.76	18.71	7.28	4.52	≤23.61	PASS
			TPC L	6.67	18.71	7.28	13.95	≤23.61	PASS
	total	5310	TPC H	---	---	---	6.63	≤23.61	PASS
			TPC L	---	---	---	17.02	≤23.61	PASS
	Ant1	5510	TPC H	-7.09	17.16	7.65	0.56	≤23.61	PASS
			TPC L	4.00	17.16	7.65	11.65	≤23.61	PASS
	Ant2	5510	TPC H	-8.53	17.38	7.60	-0.93	≤23.61	PASS
			TPC L	2.51	17.38	7.60	10.11	≤23.61	PASS
	total	5510	TPC H	---	---	---	2.89	≤23.61	PASS
			TPC L	---	---	---	13.96	≤23.61	PASS
	Ant1	5550	TPC H	-6.00	17.43	7.59	1.59	≤23.61	PASS
			TPC L	4.88	17.43	7.59	12.47	≤23.61	PASS
	Ant2	5550	TPC H	-8.32	17.11	7.67	-0.65	≤23.61	PASS
			TPC L	2.36	17.11	7.67	10.03	≤23.61	PASS

	total	5550	TPC L	---	---	---	3.62	≤23.61	PASS
			TPC H	---	---	---	14.43	≤23.61	PASS
	Ant1	5670	TPC L	-3.81	17.38	7.60	3.79	≤23.61	PASS
			TPC H	6.93	17.38	7.60	14.53	≤23.61	PASS
	Ant2	5670	TPC L	-6.58	17.38	7.60	1.02	≤23.61	PASS
			TPC H	3.87	17.38	7.60	11.47	≤23.61	PASS
	total	5670	TPC L	---	---	---	5.63	≤23.61	PASS
			TPC H	---	---	---	16.27	≤23.61	PASS
	Ant1	5710	TPC L	-2.48	17.16	7.65	5.17	≤23.61	PASS
			TPC H	5.56	17.16	7.65	13.21	≤23.61	PASS
	Ant2	5710	TPC L	-3.96	17.11	7.67	3.71	≤23.61	PASS
			TPC H	3.93	17.11	7.67	11.60	≤23.61	PASS
	total	5710	TPC L	---	---	---	7.51	≤23.61	PASS
			TPC H	---	---	---	15.49	≤23.61	PASS
	Ant1	5755	NA	7.00	17.16	7.65	14.65	≤23.98	PASS
	Ant2	5755	NA	4.25	17.16	7.65	11.90	≤23.98	PASS
	total	5755	NA	---	---	---	16.50	≤23.98	PASS
	Ant1	5795	NA	7.00	17.43	7.59	14.59	≤23.98	PASS
	Ant2	5795	NA	4.48	17.16	7.65	12.13	≤23.98	PASS
	total	5795	NA	---	---	---	16.54	≤23.98	PASS
	Ant1	5210	NA	4.02	10.00	10.00	14.02	≤23.98	PASS
	Ant2	5210	NA	2.19	10.00	10.00	12.19	≤23.98	PASS
	total	5210	NA	---	---	---	16.21	≤23.98	PASS
	Ant1	5290	TPC L	-6.99	10.00	10.00	3.01	≤23.61	PASS
			TPC H	2.17	10.00	10.00	12.17	≤23.61	PASS
	Ant2	5290	TPC L	-4.86	10.00	10.00	5.14	≤23.61	PASS
			TPC H	2.03	10.00	10.00	12.03	≤23.61	PASS
	total	5290	TPC L	---	---	---	7.21	≤23.61	PASS
			TPC H	---	---	---	15.11	≤23.61	PASS
	Ant1	5530	TPC L	-9.27	10.00	10.00	0.73	≤23.61	PASS
			TPC H	0.02	10.00	10.00	10.02	≤23.61	PASS
	Ant2	5530	TPC L	-10.88	10.00	10.00	-0.88	≤23.61	PASS
			TPC H	-3.89	10.00	10.00	6.11	≤23.61	PASS
	total	5530	TPC L	---	---	---	3.01	≤23.61	PASS
			TPC H	---	---	---	11.50	≤23.61	PASS
	Ant1	5610	TPC L	-7.20	10.00	10.00	2.80	≤23.61	PASS
			TPC H	1.00	10.00	10.00	11.00	≤23.61	PASS
	Ant2	5610	TPC L	-11.27	10.00	10.00	-1.27	≤23.61	PASS
			TPC H	-1.80	10.00	10.00	8.20	≤23.61	PASS
	total	5610	TPC L	---	---	---	4.24	≤23.61	PASS
			TPC H	---	---	---	12.83	≤23.61	PASS
	Ant1	5690	TPC L	-5.41	10.04	9.98	4.57	≤23.61	PASS
			TPC H	1.47	10.04	9.98	11.45	≤23.61	PASS
	Ant2	5690	TPC L	-7.10	10.00	10.00	2.90	≤23.61	PASS
			TPC H	-0.41	10.00	10.00	9.59	≤23.61	PASS
	total	5690	TPC L	---	---	---	6.83	≤23.61	PASS
			TPC H	---	---	---	13.63	≤23.61	PASS
	Ant1	5775	NA	4.41	10.36	9.85	14.26	≤23.98	PASS
	Ant2	5775	NA	1.93	10.00	10.00	11.93	≤23.98	PASS
	total	5775	NA	---	---	---	16.26	≤23.98	PASS

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350
	11 dBm/MHz	5470 - 5725
	30 dBm/500 kHz	5725-5850
Note: For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 8.22dBi. The Power Spectral Density limit is the above limits-(8.22-6) dB		

9.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyser and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz

VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

9.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 1#
Ambient Condition:	25.8℃,55.9%RH	Test Date:	2024.06.12-2024.08.18
Test Power Supply:	AC120V/60Hz	Sample Number:	S24051516-001

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.24	≤17.00	PASS
	Ant2	5180	3.97	≤17.00	PASS
	Ant1	5200	4.01	≤17.00	PASS
	Ant2	5200	4.06	≤17.00	PASS
	Ant1	5240	3.81	≤17.00	PASS
	Ant2	5240	3.77	≤17.00	PASS
	Ant1	5260	4.48	≤11.00	PASS
	Ant2	5260	4.89	≤11.00	PASS
	Ant1	5280	4.48	≤11.00	PASS
	Ant2	5280	4.98	≤11.00	PASS
	Ant1	5320	3.67	≤11.00	PASS
	Ant2	5320	3.90	≤11.00	PASS
	Ant1	5500	1.25	≤11.00	PASS
	Ant2	5500	-0.08	≤11.00	PASS
	Ant1	5580	2.36	≤11.00	PASS
	Ant2	5580	-0.29	≤11.00	PASS
	Ant1	5700	3.67	≤11.00	PASS
	Ant2	5700	0.70	≤11.00	PASS
	Ant1	5720 UNII-2C	3.08	≤11.00	PASS
	Ant2	5720 UNII-2C	0.34	≤11.00	PASS
	Ant1	5720 UNII-3	-0.10	≤30.00	PASS
	Ant2	5720 UNII-3	-3.25	≤30.00	PASS
	Ant1	5745	-0.09	≤30.00	PASS
	Ant2	5745	-1.62	≤30.00	PASS
	Ant1	5785	0.01	≤30.00	PASS
	Ant2	5785	-0.74	≤30.00	PASS
	Ant1	5825	2.02	≤30.00	PASS
	Ant2	5825	1.52	≤30.00	PASS
11N20MIMO	Ant1	5180	6.42	≤14.78	PASS
	Ant2	5180	5.79	≤14.78	PASS
	total	5180	9.13	≤14.78	PASS
	Ant1	5200	6.12	≤14.78	PASS
	Ant2	5200	5.27	≤14.78	PASS
	total	5200	8.73	≤14.78	PASS
	Ant1	5240	6.08	≤14.78	PASS
	Ant2	5240	6.56	≤14.78	PASS
	total	5240	9.34	≤14.78	PASS
	Ant1	5260	5.39	≤8.78	PASS
	Ant2	5260	6.05	≤8.78	PASS
	total	5260	8.74	≤8.78	PASS
	Ant1	5280	5.20	≤8.78	PASS
	Ant2	5280	4.02	≤8.78	PASS
	total	5280	7.66	≤8.78	PASS
	Ant1	5320	3.46	≤8.78	PASS
	Ant2	5320	5.98	≤8.78	PASS
	total	5320	7.91	≤8.78	PASS
	Ant1	5500	1.18	≤8.78	PASS
	Ant2	5500	-0.46	≤8.78	PASS
	total	5500	3.45	≤8.78	PASS
	Ant1	5580	4.21	≤8.78	PASS
	Ant2	5580	-0.71	≤8.78	PASS
	total	5580	5.42	≤8.78	PASS
	Ant1	5700	4.11	≤8.78	PASS
	Ant2	5700	2.39	≤8.78	PASS
	total	5700	6.34	≤8.78	PASS

	Ant1	5720 UNII-2C	3.54	≤8.78	PASS
	Ant2	5720 UNII-2C	1.93	≤8.78	PASS
	total	5720 UNII-2C	5.82	≤8.78	PASS
	Ant1	5720 UNII-3	1.05	≤8.78	PASS
	Ant2	5720 UNII-3	-1.24	≤8.78	PASS
	total	5720 UNII-3	3.06	≤8.78	PASS
	Ant1	5745	1.54	≤27.78	PASS
	Ant2	5745	-1.08	≤27.78	PASS
	total	5745	3.43	≤27.78	PASS
	Ant1	5785	1.02	≤27.78	PASS
	Ant2	5785	-0.10	≤27.78	PASS
	total	5785	3.51	≤27.78	PASS
	Ant1	5825	-0.48	≤27.78	PASS
	Ant2	5825	-1.25	≤27.78	PASS
	total	5825	2.16	≤27.78	PASS
11N40MIMO	Ant1	5190	3.45	≤14.78	PASS
	Ant2	5190	2.32	≤14.78	PASS
	total	5190	5.93	≤14.78	PASS
	Ant1	5230	3.46	≤14.78	PASS
	Ant2	5230	3.52	≤14.78	PASS
	total	5230	6.50	≤14.78	PASS
	Ant1	5270	1.40	≤8.78	PASS
	Ant2	5270	2.10	≤8.78	PASS
	total	5270	4.77	≤8.78	PASS
	Ant1	5310	-0.23	≤8.78	PASS
	Ant2	5310	1.93	≤8.78	PASS
	total	5310	3.99	≤8.78	PASS
	Ant1	5510	-1.23	≤8.78	PASS
	Ant2	5510	-4.64	≤8.78	PASS
	total	5510	0.40	≤8.78	PASS
	Ant1	5550	0.21	≤8.78	PASS
	Ant2	5550	-3.42	≤8.78	PASS
	total	5550	1.77	≤8.78	PASS
	Ant1	5670	1.02	≤8.78	PASS
	Ant2	5670	-1.16	≤8.78	PASS
	total	5670	3.08	≤8.78	PASS
	Ant1	5710 UNII-2C	0.15	≤8.78	PASS
	Ant2	5710 UNII-2C	-1.12	≤8.78	PASS
	total	5710 UNII-2C	2.57	≤8.78	PASS
	Ant1	5710 UNII-3	-3.02	≤27.78	PASS
	Ant2	5710 UNII-3	-5.63	≤27.78	PASS
	total	5710 UNII-3	-1.12	≤27.78	PASS
	Ant1	5755	-2.77	≤27.78	PASS
	Ant2	5755	-3.51	≤27.78	PASS
	total	5755	-0.11	≤27.78	PASS
	Ant1	5795	-2.33	≤27.78	PASS
	Ant2	5795	-3.67	≤27.78	PASS
	total	5795	0.06	≤27.78	PASS
11AC20MIMO	Ant1	5180	6.15	≤14.78	PASS
	Ant2	5180	4.98	≤14.78	PASS
	total	5180	8.61	≤14.78	PASS
	Ant1	5200	6.54	≤14.78	PASS
	Ant2	5200	5.24	≤14.78	PASS
	total	5200	8.95	≤14.78	PASS
	Ant1	5240	5.08	≤14.78	PASS
	Ant2	5240	4.27	≤14.78	PASS
	total	5240	7.70	≤14.78	PASS
	Ant1	5260	6.33	≤8.78	PASS
	Ant2	5260	3.95	≤8.78	PASS
	total	5260	8.31	≤8.78	PASS
	Ant1	5280	5.63	≤8.78	PASS
	Ant2	5280	3.91	≤8.78	PASS
	total	5280	7.86	≤8.78	PASS
	Ant1	5320	4.77	≤8.78	PASS

	Ant2	5320	4.96	≤8.78	PASS
	total	5320	7.88	≤8.78	PASS
	Ant1	5500	1.74	≤8.78	PASS
	Ant2	5500	-0.15	≤8.78	PASS
	total	5500	3.91	≤8.78	PASS
	Ant1	5580	3.77	≤8.78	PASS
	Ant2	5580	0.59	≤8.78	PASS
	total	5580	5.48	≤8.78	PASS
	Ant1	5700	4.22	≤8.78	PASS
	Ant2	5700	0.85	≤8.78	PASS
	total	5700	5.86	≤8.78	PASS
	Ant1	5720 UNII-2C	4.22	≤8.78	PASS
	Ant2	5720 UNII-2C	2.03	≤8.78	PASS
	total	5720 UNII-2C	6.27	≤8.78	PASS
	Ant1	5720 UNII-3	-1.92	≤8.78	PASS
	Ant2	5720 UNII-3	-1.19	≤8.78	PASS
	total	5720 UNII-3	1.47	≤8.78	PASS
	Ant1	5745	0.84	≤27.78	PASS
	Ant2	5745	-2.01	≤27.78	PASS
	total	5745	2.66	≤27.78	PASS
	Ant1	5785	0.65	≤27.78	PASS
	Ant2	5785	-1.82	≤27.78	PASS
	total	5785	2.60	≤27.78	PASS
	Ant1	5825	0.01	≤27.78	PASS
	Ant2	5825	-1.78	≤27.78	PASS
	total	5825	2.22	≤27.78	PASS
11AC40MIMO	Ant1	5190	3.78	≤14.78	PASS
	Ant2	5190	2.49	≤14.78	PASS
	total	5190	6.19	≤14.78	PASS
	Ant1	5230	2.33	≤14.78	PASS
	Ant2	5230	2.83	≤14.78	PASS
	total	5230	5.60	≤14.78	PASS
	Ant1	5270	1.11	≤8.78	PASS
	Ant2	5270	1.77	≤8.78	PASS
	total	5270	4.46	≤8.78	PASS
	Ant1	5310	0.45	≤8.78	PASS
	Ant2	5310	0.74	≤8.78	PASS
	total	5310	3.61	≤8.78	PASS
	Ant1	5510	-1.63	≤8.78	PASS
	Ant2	5510	-2.36	≤8.78	PASS
	total	5510	1.03	≤8.78	PASS
	Ant1	5550	-0.64	≤8.78	PASS
	Ant2	5550	-2.57	≤8.78	PASS
	total	5550	1.51	≤8.78	PASS
	Ant1	5670	0.73	≤8.78	PASS
	Ant2	5670	-1.18	≤8.78	PASS
	total	5670	2.89	≤8.78	PASS
	Ant1	5710 UNII-2C	0.36	≤8.78	PASS
	Ant2	5710 UNII-2C	-1.36	≤8.78	PASS
	total	5710 UNII-2C	2.59	≤8.78	PASS
	Ant1	5710 UNII-3	-3.96	≤27.78	PASS
	Ant2	5710 UNII-3	-6.65	≤27.78	PASS
	total	5710 UNII-3	-2.09	≤27.78	PASS
	Ant1	5755	-1.67	≤27.78	PASS
	Ant2	5755	-4.03	≤27.78	PASS
	total	5755	0.32	≤27.78	PASS
	Ant1	5795	-0.59	≤27.78	PASS
	Ant2	5795	-2.96	≤27.78	PASS
	total	5795	1.40	≤27.78	PASS
11AC80MIMO	Ant1	5210	0.63	≤14.78	PASS
	Ant2	5210	-0.67	≤14.78	PASS
	total	5210	3.04	≤14.78	PASS
	Ant1	5290	-1.90	≤8.78	PASS
	Ant2	5290	-0.52	≤8.78	PASS

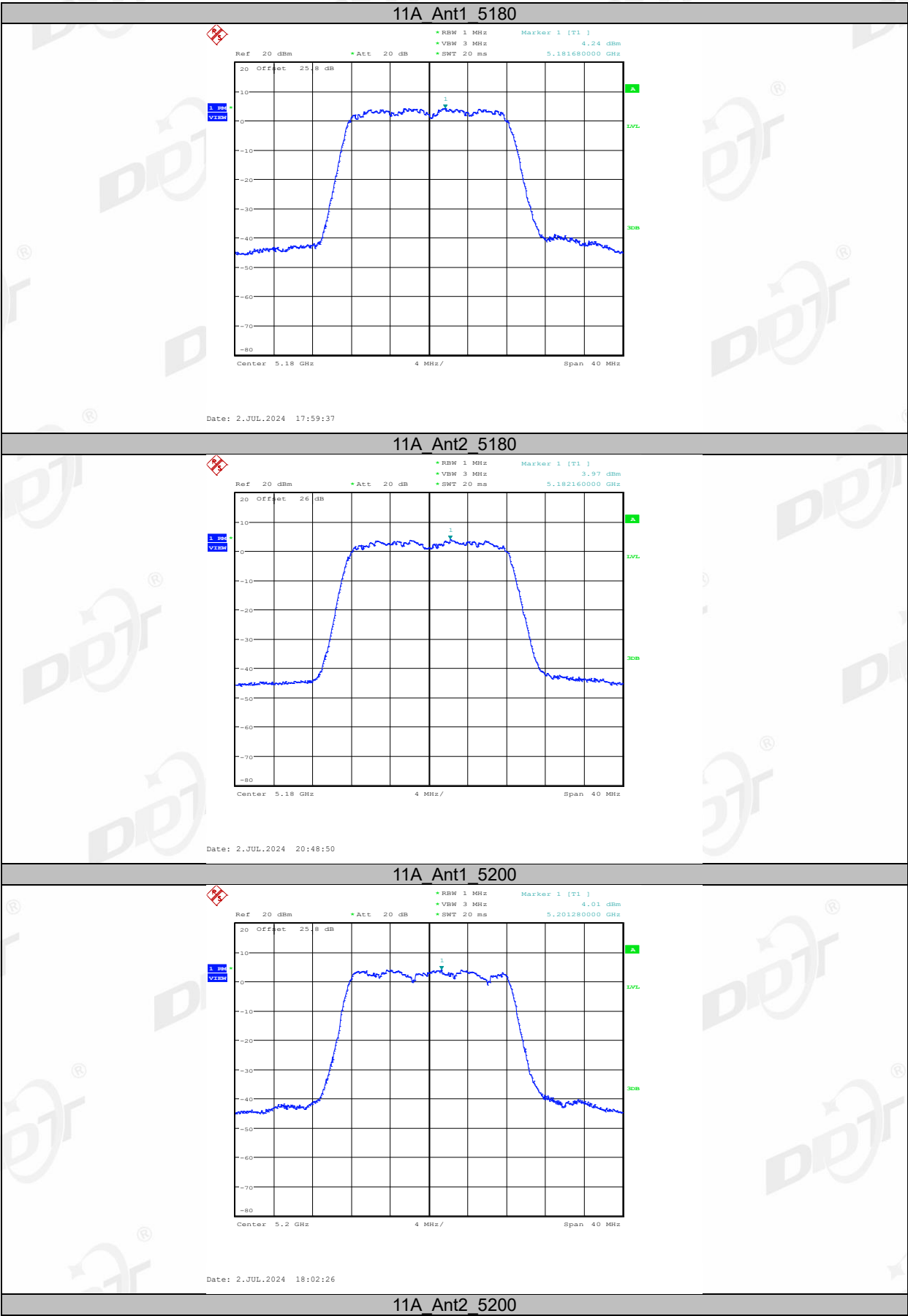
	total	5290	1.85	≤8.78	PASS
	Ant1	5530	-3.87	≤8.78	PASS
	Ant2	5530	-4.91	≤8.78	PASS
	total	5530	-1.35	≤8.78	PASS
	Ant1	5610	-4.14	≤8.78	PASS
	Ant2	5610	-7.07	≤8.78	PASS
	total	5610	-2.35	≤8.78	PASS
	Ant1	5690 UNII-2C	-2.92	≤8.78	PASS
	Ant2	5690 UNII-2C	-4.95	≤8.78	PASS
	total	5690 UNII-2C	-0.81	≤8.78	PASS
	Ant1	5690 UNII-3	-9.09	≤27.78	PASS
	Ant2	5690 UNII-3	-9.62	≤27.78	PASS
	total	5690 UNII-3	-6.34	≤27.78	PASS
	Ant1	5775	-3.36	≤27.78	PASS
	Ant2	5775	-5.63	≤27.78	PASS
	total	5775	-1.34	≤27.78	PASS
11AX20MIMO	Ant1	5180	5.20	≤14.78	PASS
	Ant2	5180	4.43	≤14.78	PASS
	total	5180	7.84	≤14.78	PASS
	Ant1	5200	5.28	≤14.78	PASS
	Ant2	5200	4.18	≤14.78	PASS
	total	5200	7.78	≤14.78	PASS
	Ant1	5240	4.40	≤14.78	PASS
	Ant2	5240	3.91	≤14.78	PASS
	total	5240	7.17	≤14.78	PASS
	Ant1	5260	4.62	≤8.78	PASS
	Ant2	5260	4.32	≤8.78	PASS
	total	5260	7.48	≤8.78	PASS
	Ant1	5280	3.71	≤8.78	PASS
	Ant2	5280	4.34	≤8.78	PASS
	total	5280	7.05	≤8.78	PASS
	Ant1	5320	3.20	≤8.78	PASS
	Ant2	5320	2.51	≤8.78	PASS
	total	5320	5.88	≤8.78	PASS
	Ant1	5500	1.10	≤8.78	PASS
	Ant2	5500	-0.39	≤8.78	PASS
	total	5500	3.43	≤8.78	PASS
	Ant1	5580	2.04	≤8.78	PASS
	Ant2	5580	-0.74	≤8.78	PASS
	total	5580	3.88	≤8.78	PASS
	Ant1	5700	3.12	≤8.78	PASS
	Ant2	5700	0.25	≤8.78	PASS
	total	5700	4.93	≤8.78	PASS
	Ant1	5720 UNII-2C	2.15	≤8.78	PASS
	Ant2	5720 UNII-2C	0.76	≤8.78	PASS
	total	5720 UNII-2C	4.52	≤8.78	PASS
	Ant1	5720 UNII-3	-2.12	≤8.78	PASS
	Ant2	5720 UNII-3	-2.29	≤8.78	PASS
	total	5720 UNII-3	0.81	≤8.78	PASS
	Ant1	5745	0.99	≤27.78	PASS
	Ant2	5745	-1.45	≤27.78	PASS
	total	5745	2.95	≤27.78	PASS
	Ant1	5785	0.86	≤27.78	PASS
	Ant2	5785	-1.34	≤27.78	PASS
	total	5785	2.91	≤27.78	PASS
	Ant1	5825	0.86	≤27.78	PASS
	Ant2	5825	-0.87	≤27.78	PASS
	total	5825	3.09	≤27.78	PASS
11AX40MIMO	Ant1	5190	3.75	≤14.78	PASS
	Ant2	5190	2.74	≤14.78	PASS
	total	5190	6.28	≤14.78	PASS
	Ant1	5230	4.07	≤14.78	PASS
	Ant2	5230	4.13	≤14.78	PASS
	total	5230	7.11	≤14.78	PASS

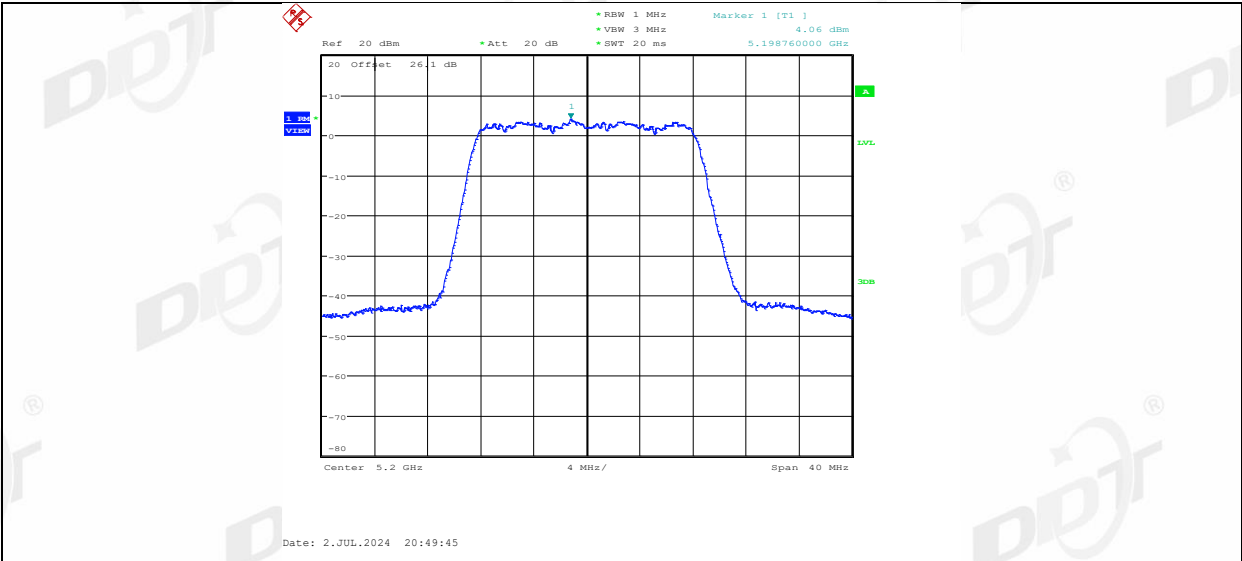
	Ant1	5270	2.12	≤8.78	PASS
	Ant2	5270	2.98	≤8.78	PASS
	total	5270	5.58	≤8.78	PASS
	Ant1	5310	0.98	≤8.78	PASS
	Ant2	5310	1.35	≤8.78	PASS
	total	5310	4.18	≤8.78	PASS
	Ant1	5510	-1.46	≤8.78	PASS
	Ant2	5510	-2.70	≤8.78	PASS
	total	5510	0.97	≤8.78	PASS
	Ant1	5550	-0.92	≤8.78	PASS
	Ant2	5550	-2.90	≤8.78	PASS
	total	5550	1.21	≤8.78	PASS
	Ant1	5670	1.24	≤8.78	PASS
	Ant2	5670	-1.33	≤8.78	PASS
	total	5670	3.15	≤8.78	PASS
	Ant1	5710 UNII-2C	0.48	≤8.78	PASS
	Ant2	5710 UNII-2C	-1.80	≤8.78	PASS
	total	5710 UNII-2C	2.50	≤8.78	PASS
	Ant1	5710 UNII-3	-4.39	≤27.78	PASS
	Ant2	5710 UNII-3	-6.76	≤27.78	PASS
	total	5710 UNII-3	-2.40	≤27.78	PASS
	Ant1	5755	0.78	≤27.78	PASS
	Ant2	5755	-2.68	≤27.78	PASS
	total	5755	2.40	≤27.78	PASS
	Ant1	5795	-1.32	≤27.78	PASS
	Ant2	5795	-2.66	≤27.78	PASS
	total	5795	1.07	≤27.78	PASS
11AX80MIMO	Ant1	5210	-0.72	≤14.78	PASS
	Ant2	5210	-2.76	≤14.78	PASS
	total	5210	1.39	≤14.78	PASS
	Ant1	5290	-2.75	≤8.78	PASS
	Ant2	5290	-2.62	≤8.78	PASS
	total	5290	0.33	≤8.78	PASS
	Ant1	5530	-4.93	≤8.78	PASS
	Ant2	5530	-8.07	≤8.78	PASS
	total	5530	-3.21	≤8.78	PASS
	Ant1	5610	-3.75	≤8.78	PASS
	Ant2	5610	-6.98	≤8.78	PASS
	total	5610	-2.06	≤8.78	PASS
	Ant1	5690 UNII-2C	-2.41	≤8.78	PASS
	Ant2	5690 UNII-2C	-5.18	≤8.78	PASS
	total	5690 UNII-2C	-0.57	≤8.78	PASS
	Ant1	5690 UNII-3	-8.53	≤27.78	PASS
	Ant2	5690 UNII-3	-12.58	≤27.78	PASS
	total	5690 UNII-3	-7.09	≤27.78	PASS
	Ant1	5775	-2.55	≤27.78	PASS
	Ant2	5775	-2.99	≤27.78	PASS
	total	5775	0.25	≤27.78	PASS

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

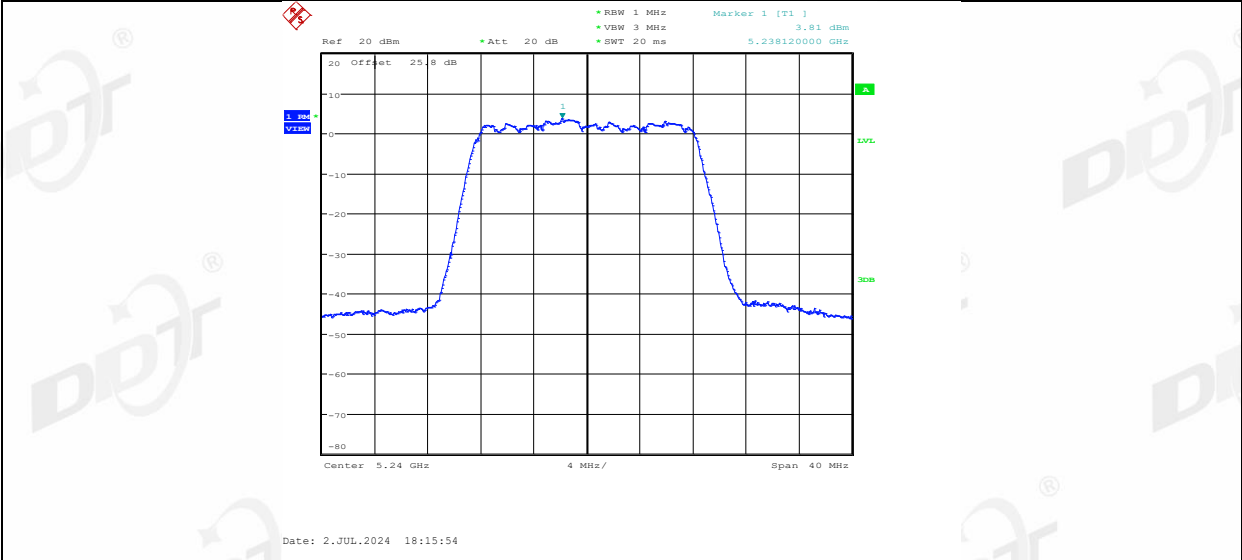
2.The Duty Cycle Factor is compensated in the graph.

9.5. Test graphs

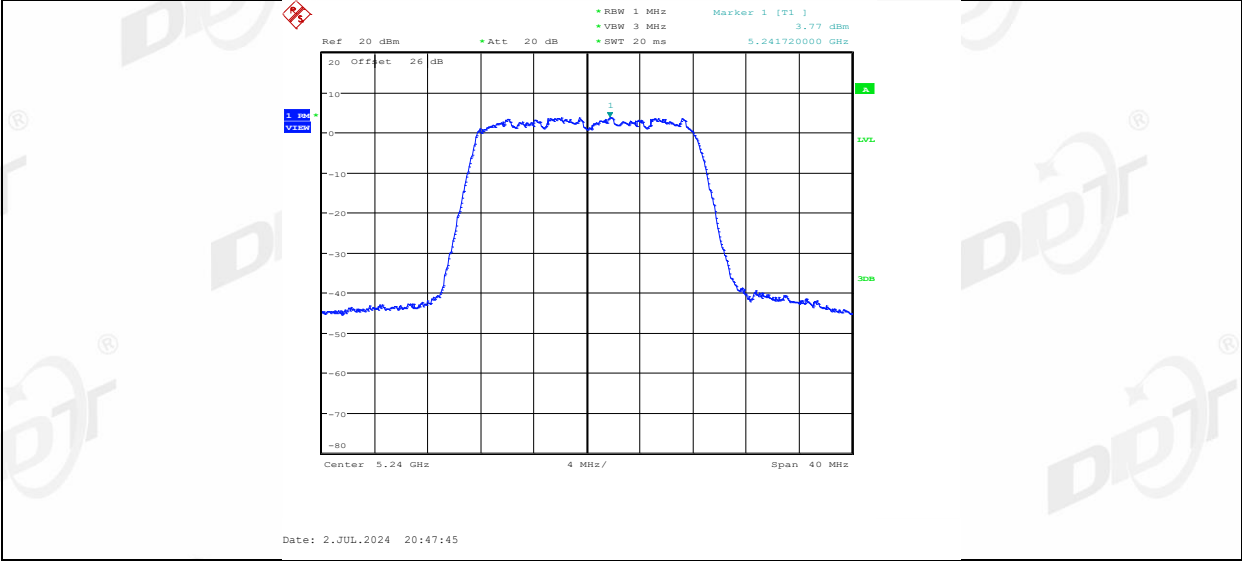




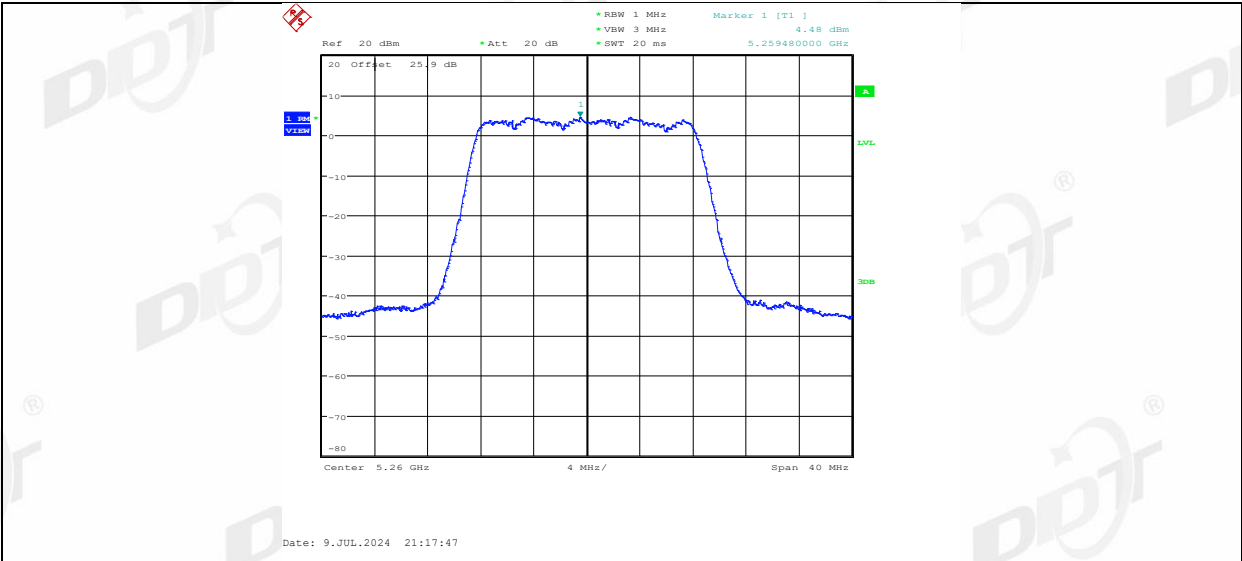
11A_Ant1_5240



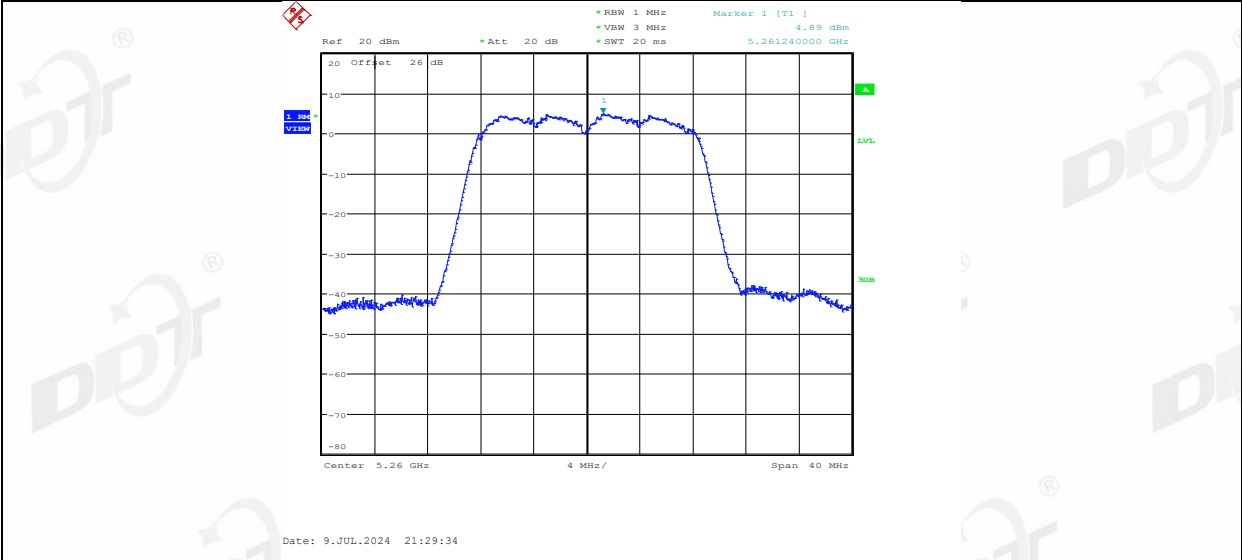
11A_Ant2_5240



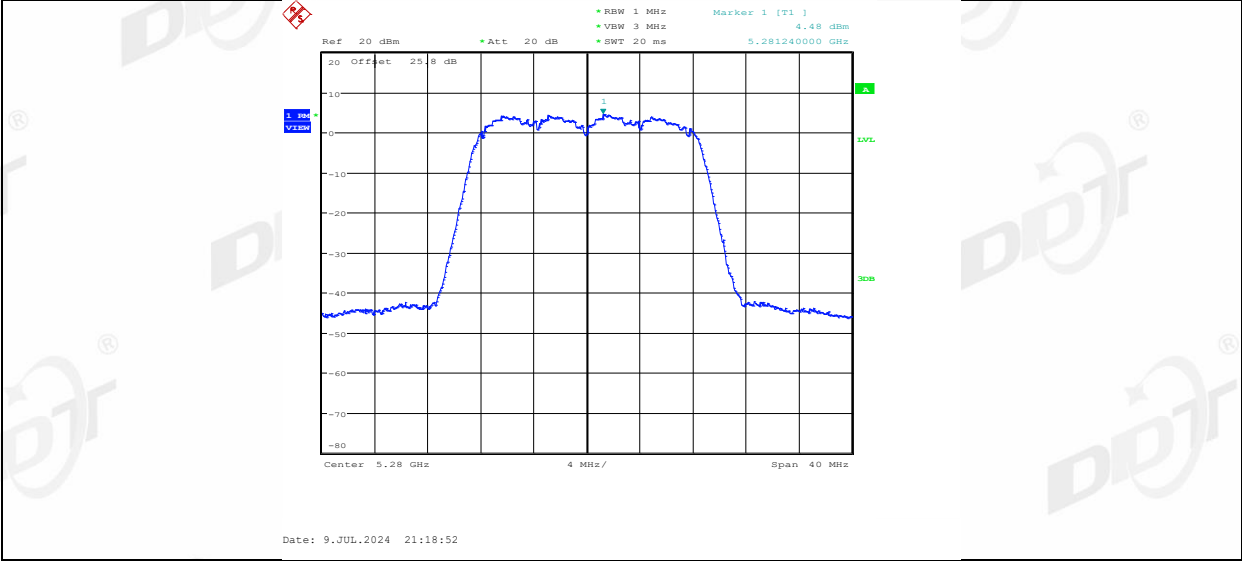
11A_Ant1_5260



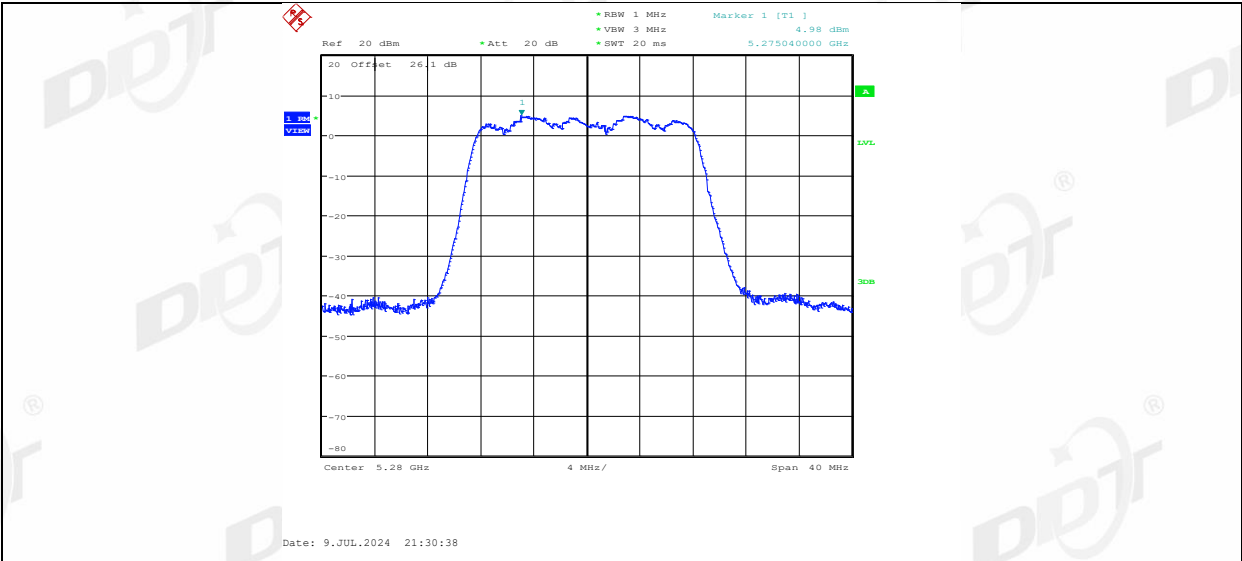
11A_Ant2_5260



11A_Ant1_5280



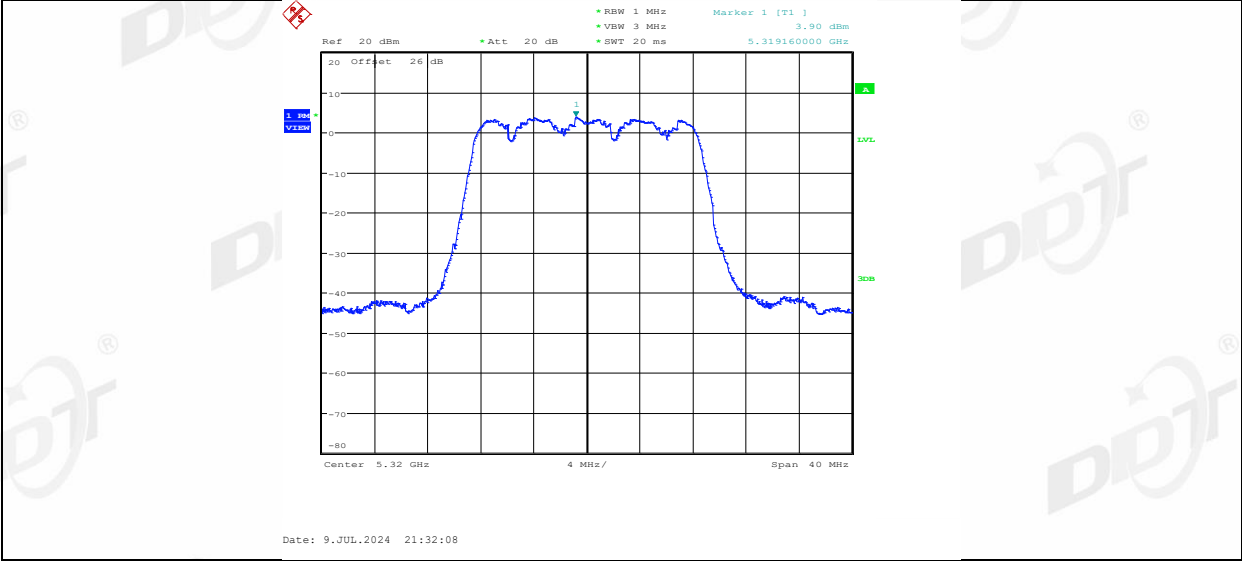
11A_Ant2_5280



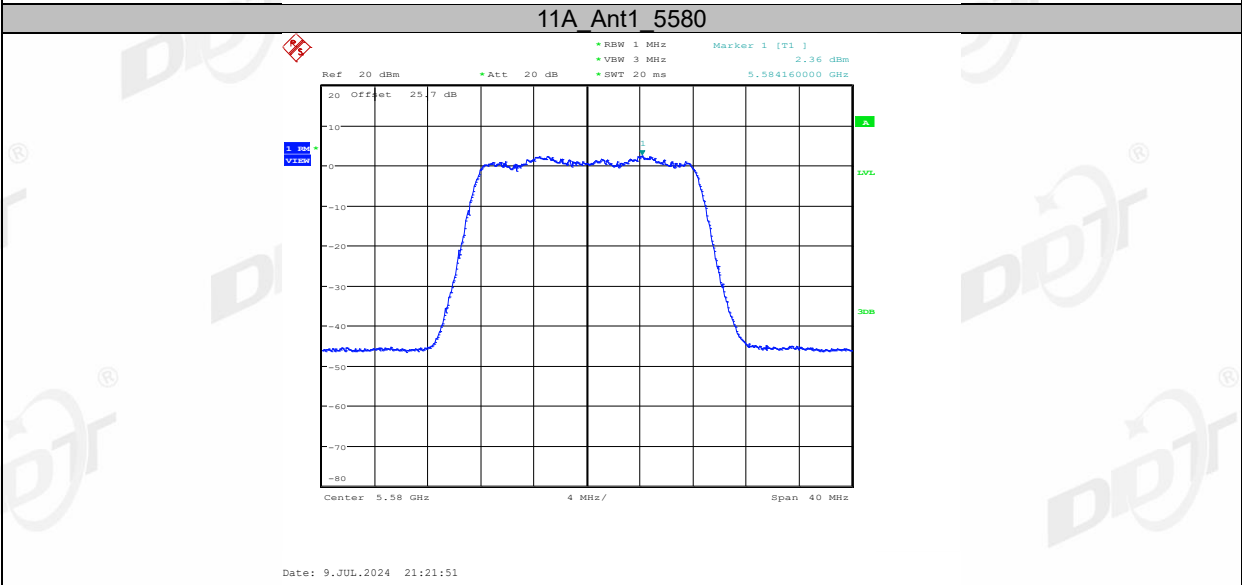
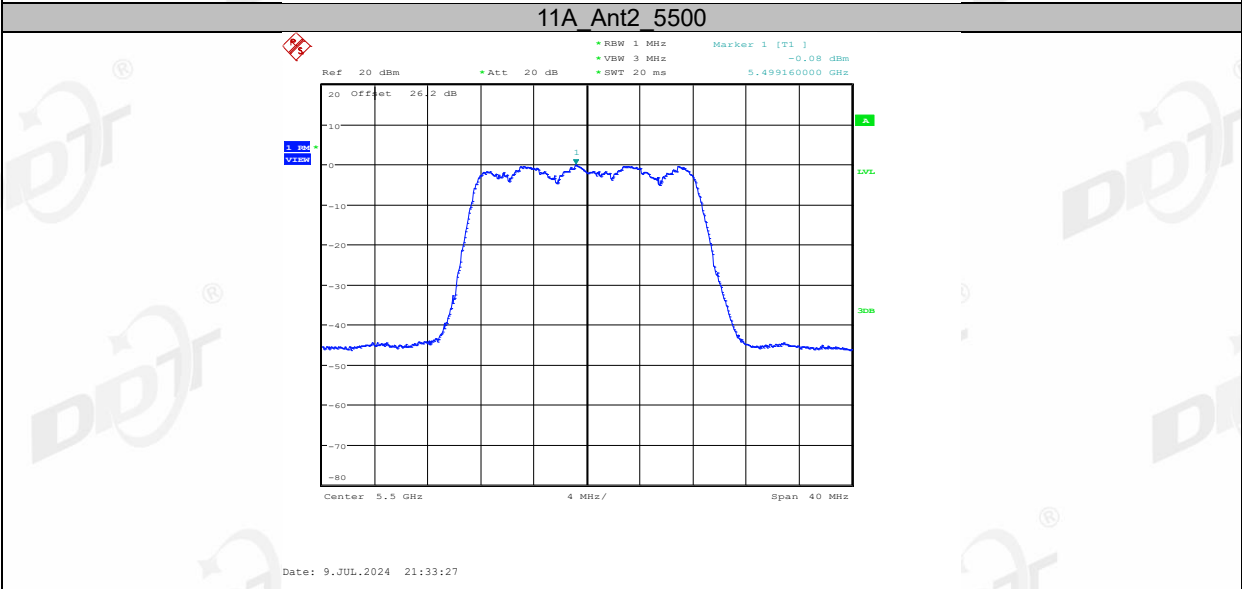
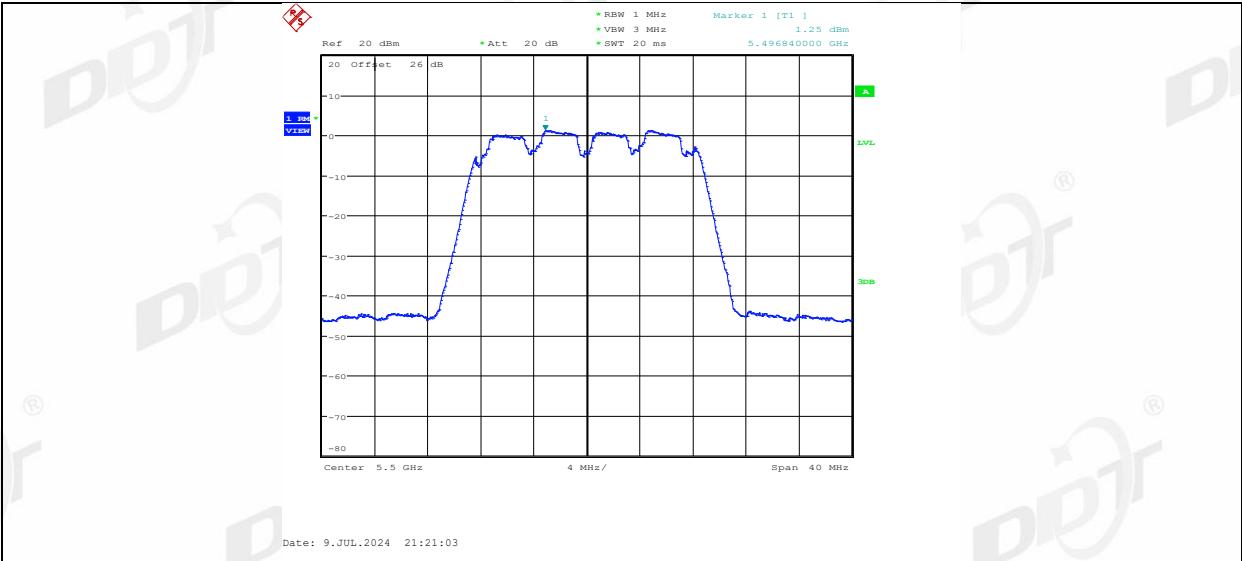
11A_Ant1_5320

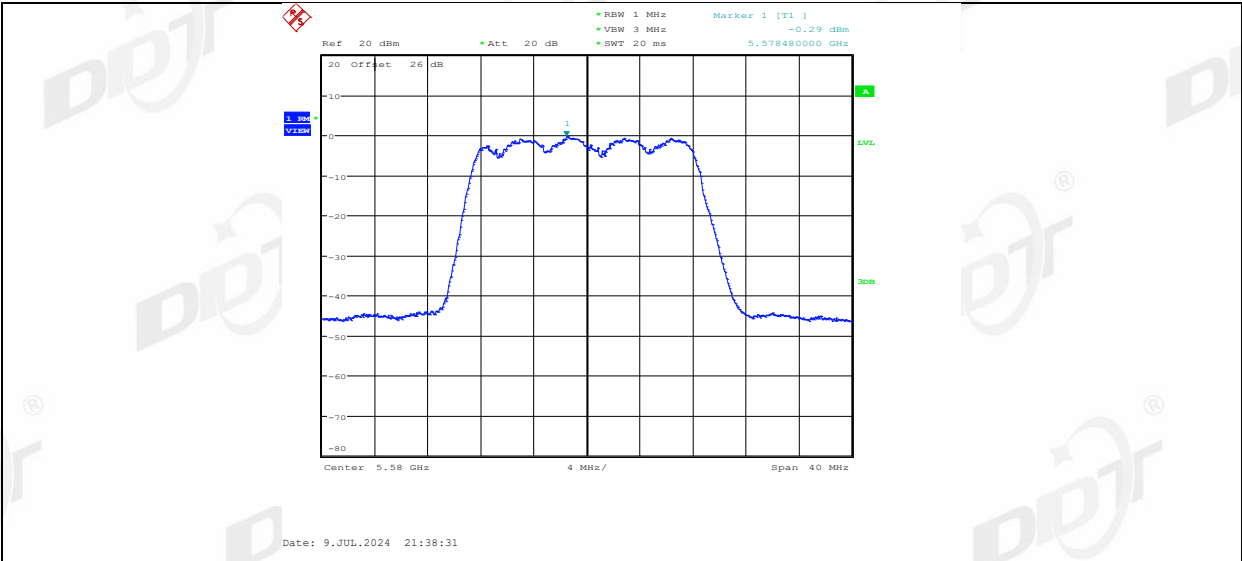


11A_Ant2_5320



11A_Ant1_5500

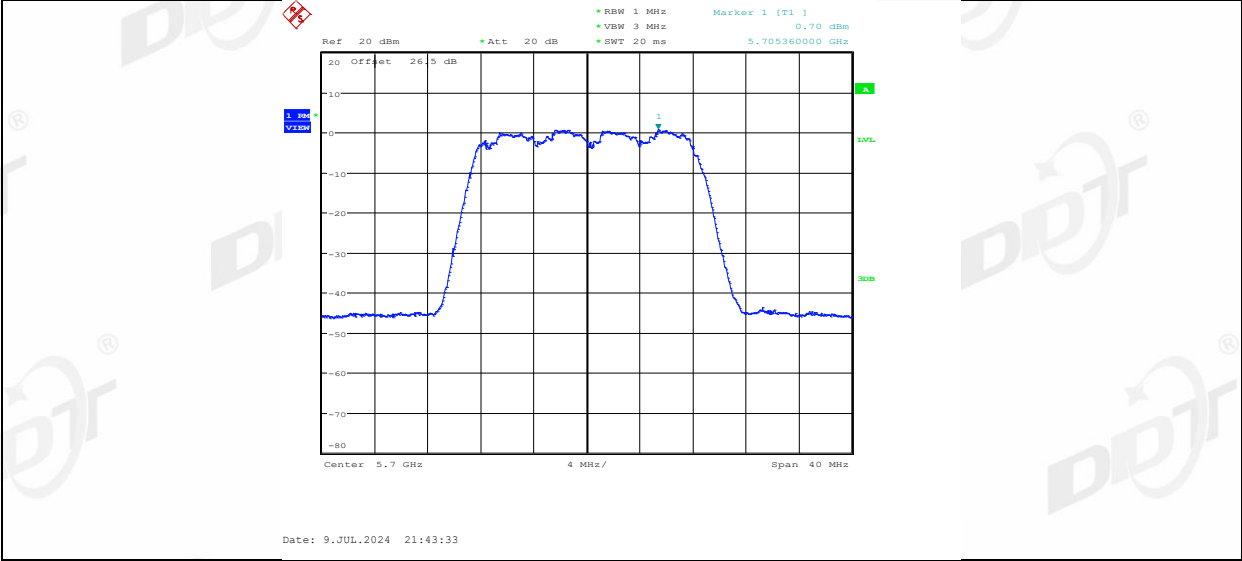




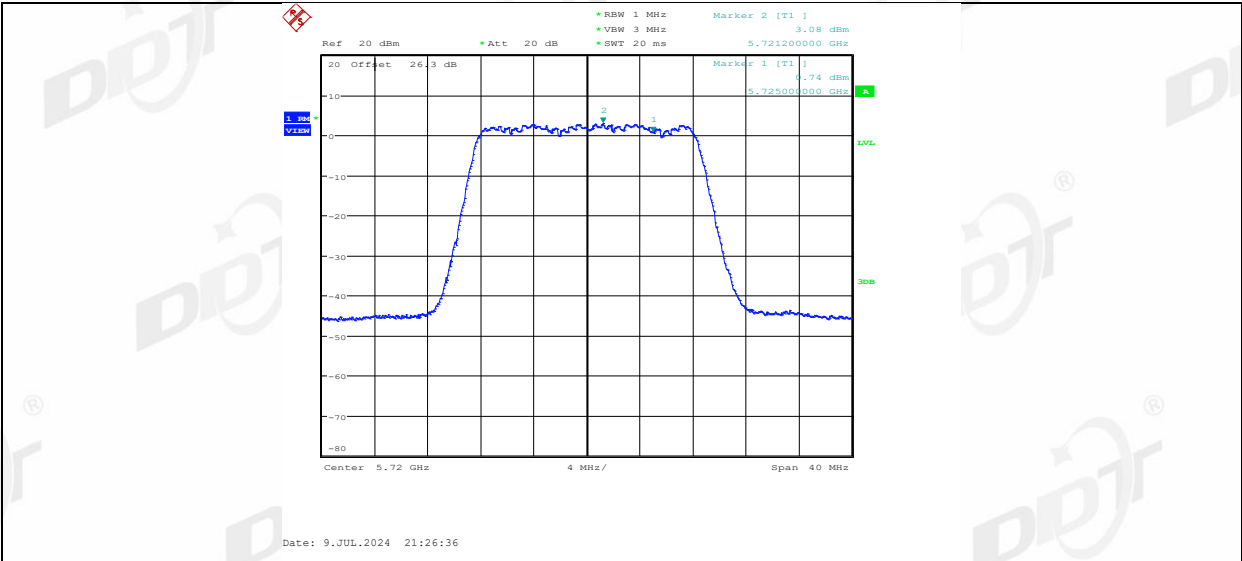
11A_Ant1_5700



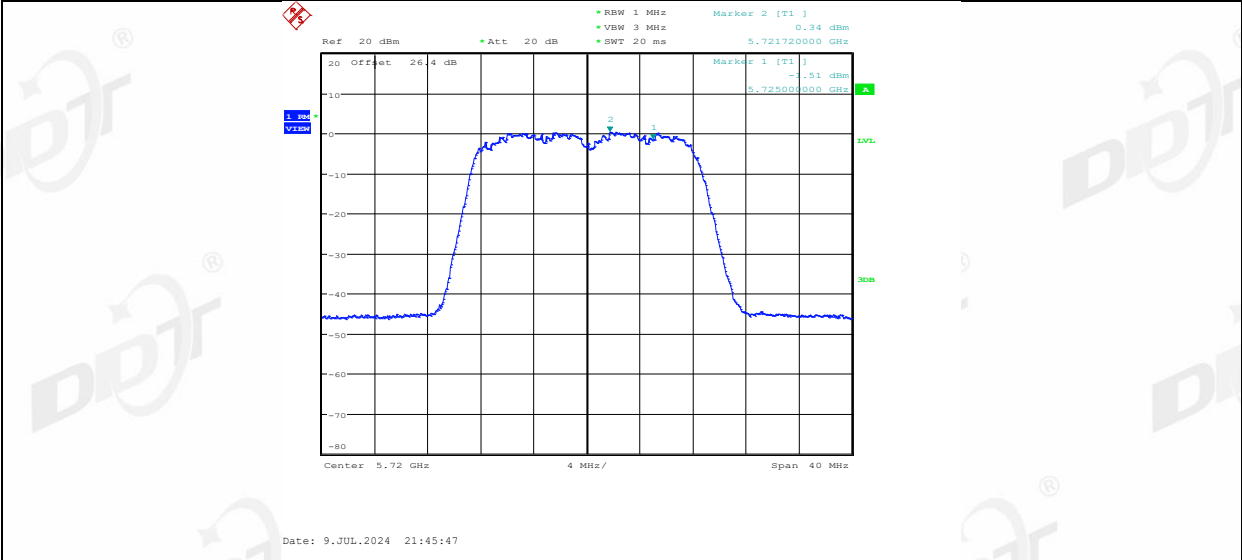
11A_Ant2_5700



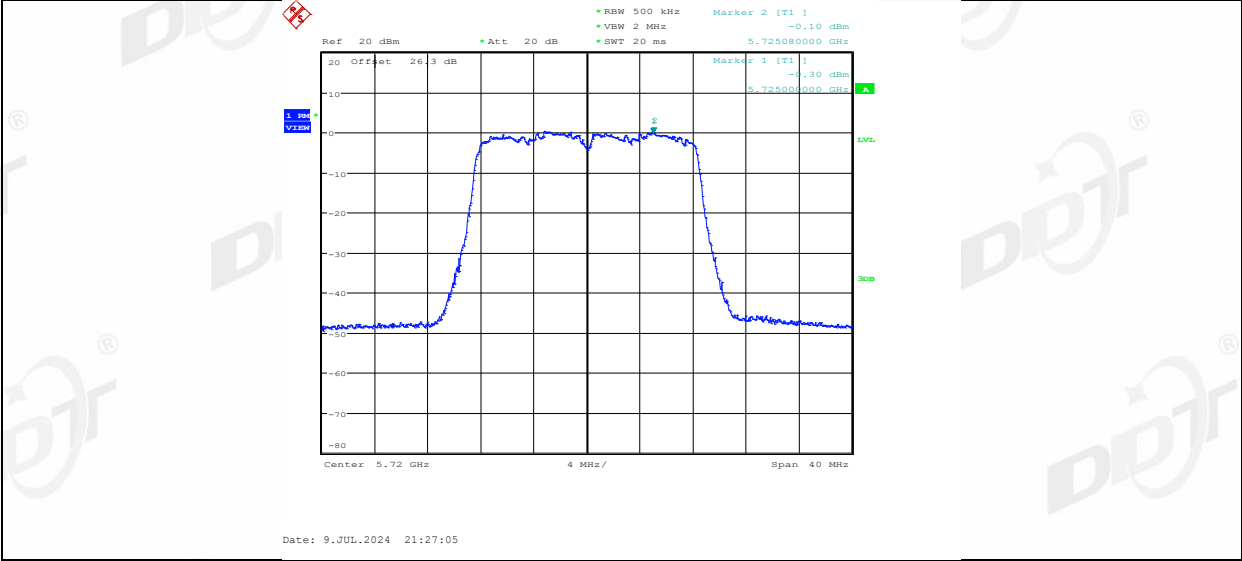
11A_Ant1_5720_UNII-2C



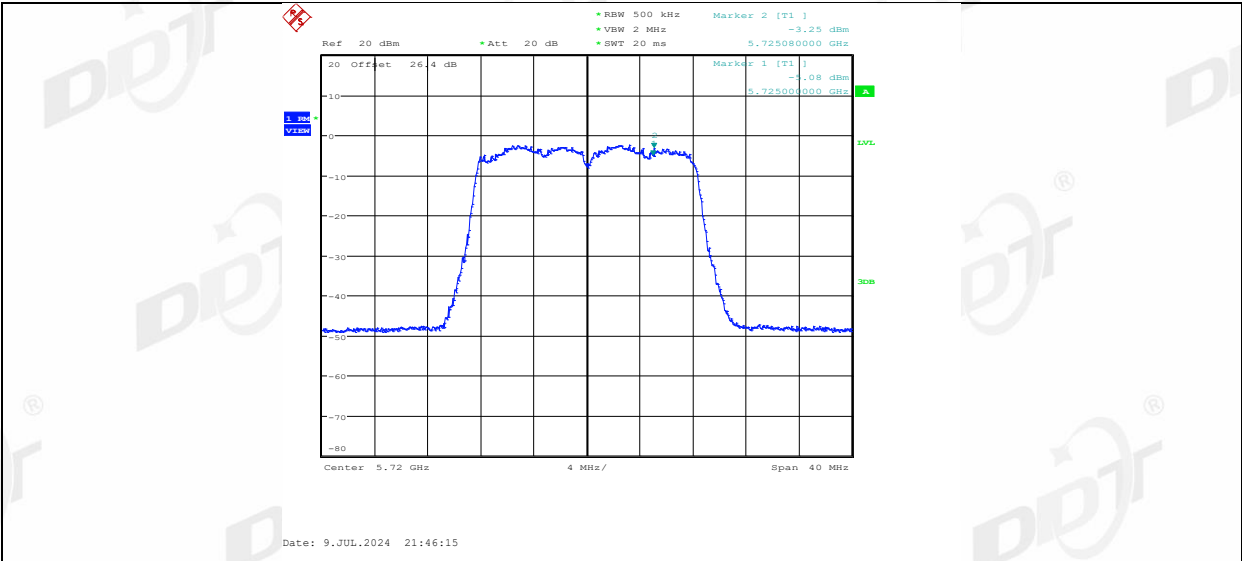
11A_Ant2_5720_UNII-2C



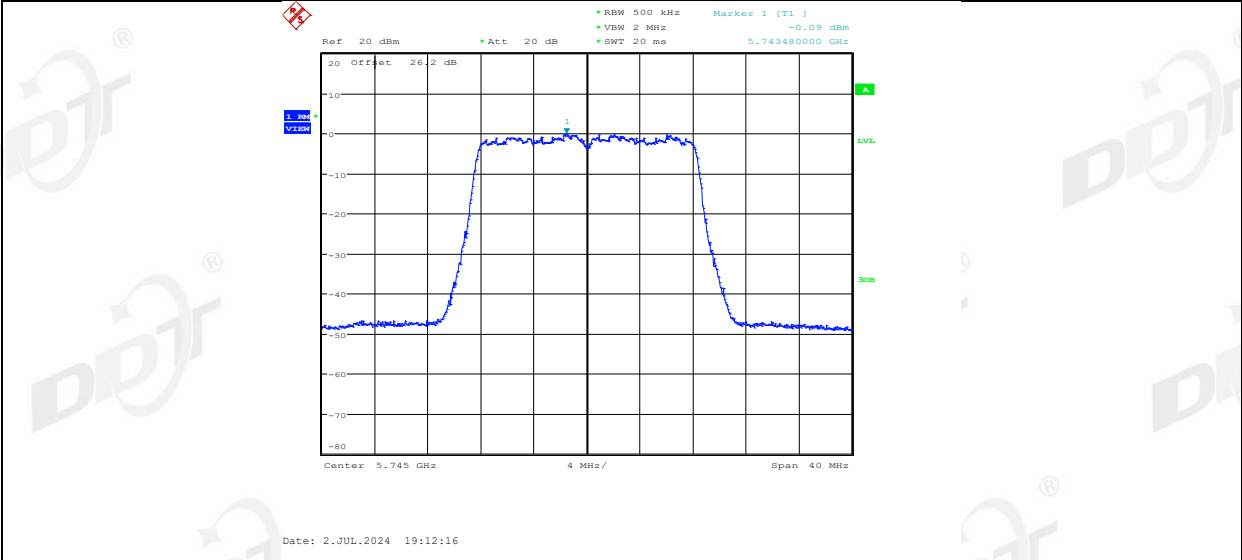
11A_Ant1_5720_UNII-3



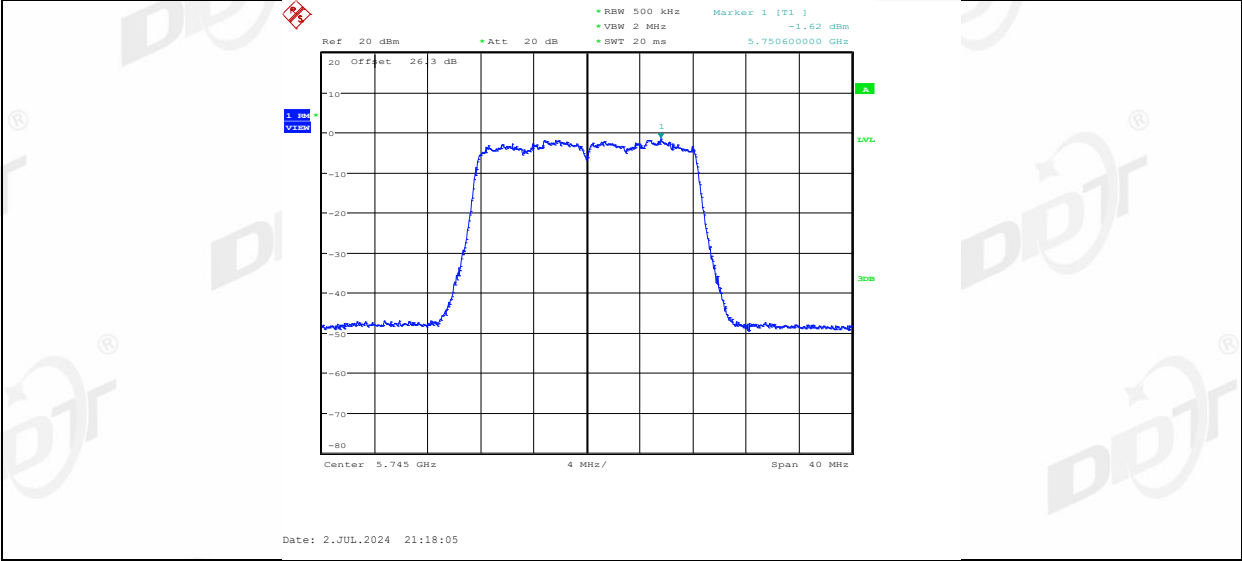
11A_Ant2_5720_UNII-3



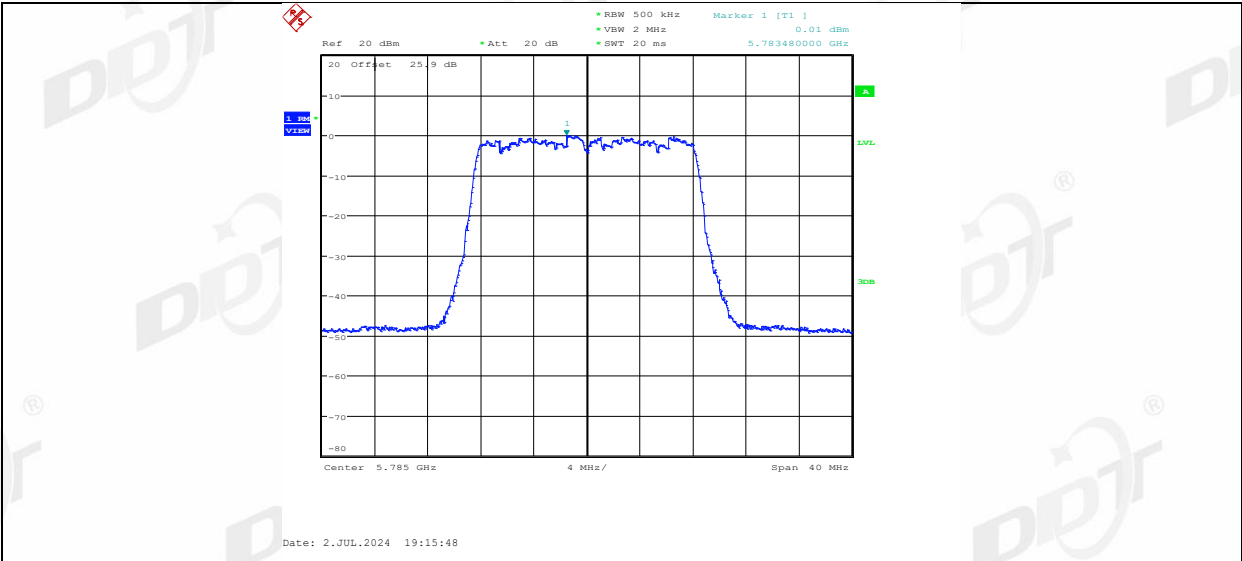
11A_Ant1_5745



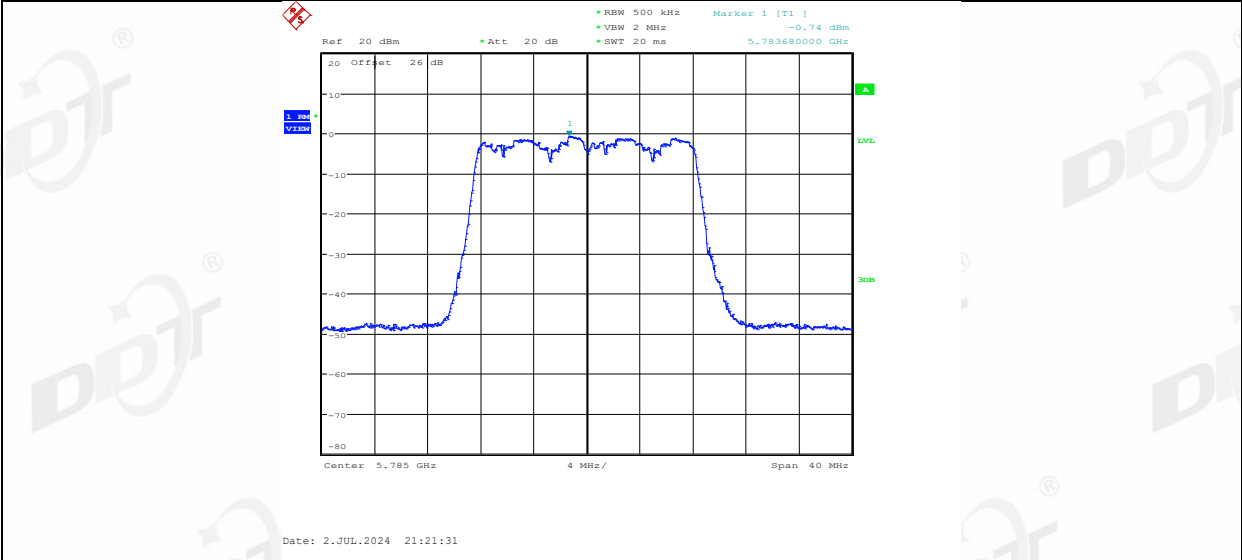
11A_Ant2_5745



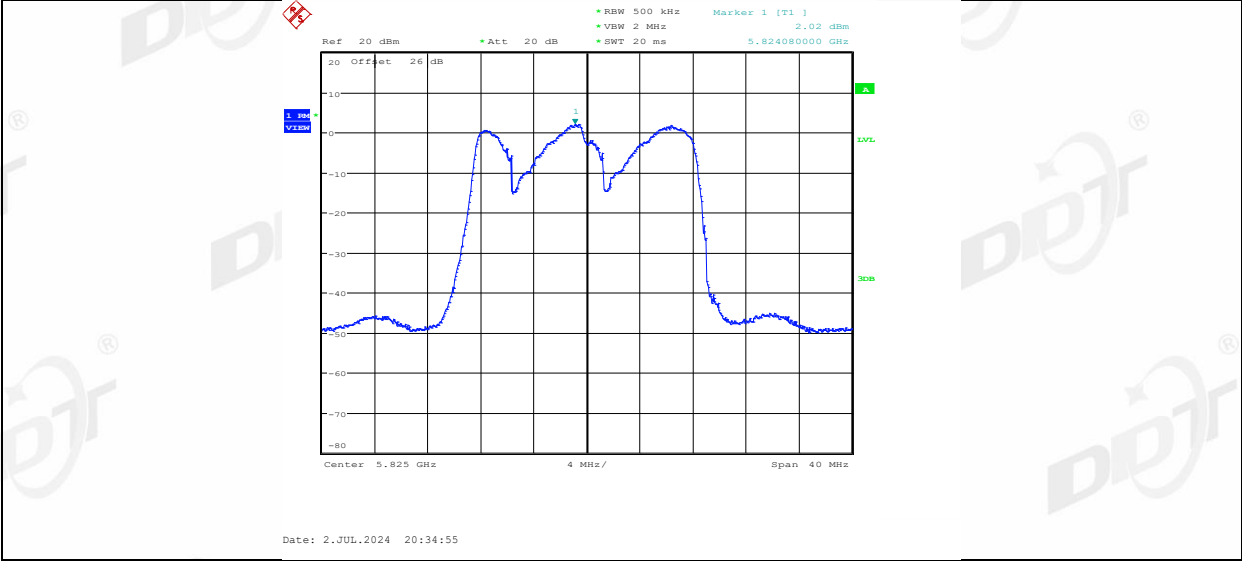
11A_Ant1_5785



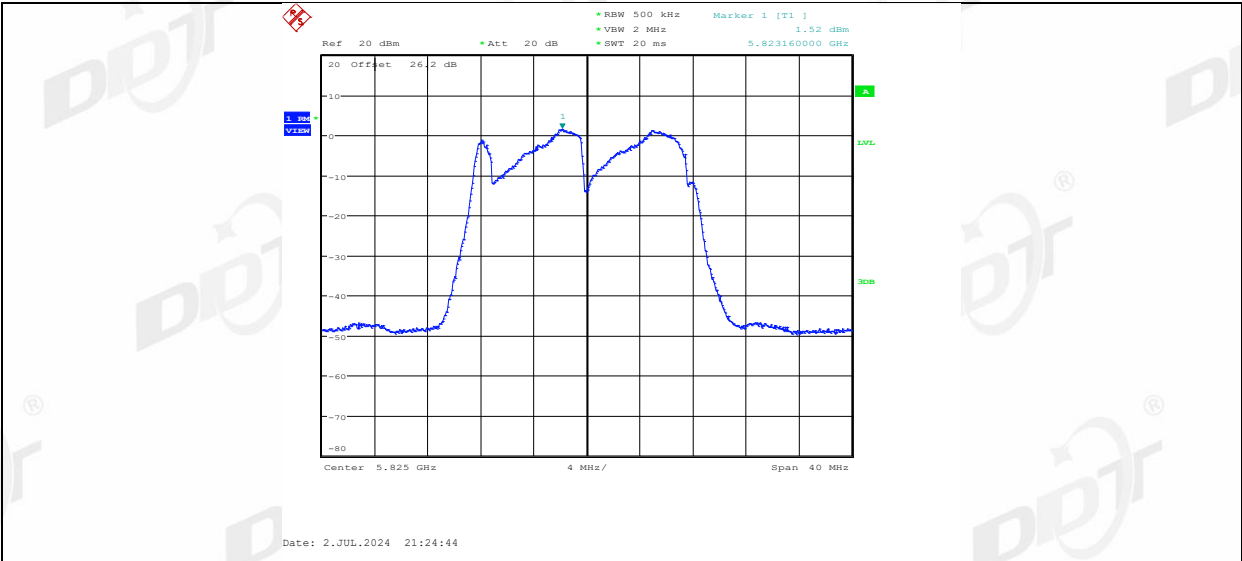
11A_Ant2_5785



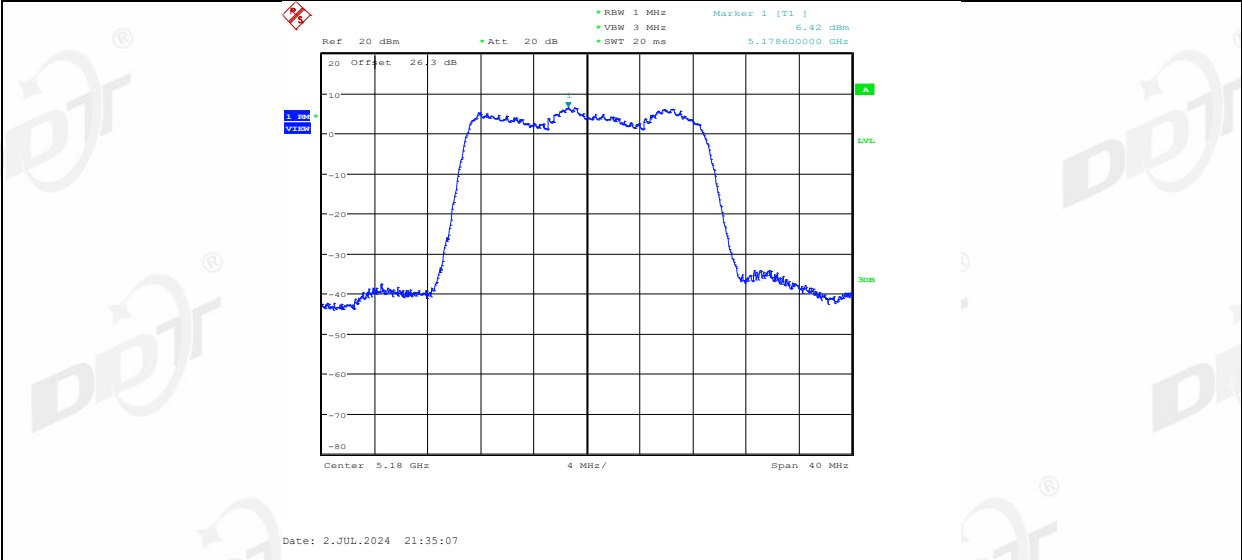
11A_Ant1_5825



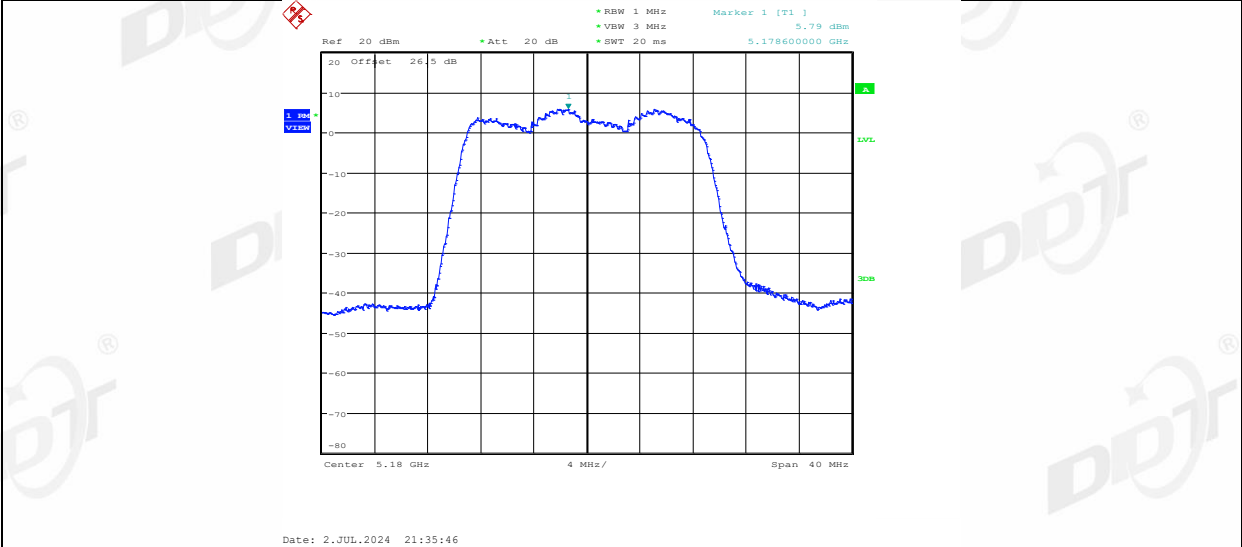
11A_Ant2_5825



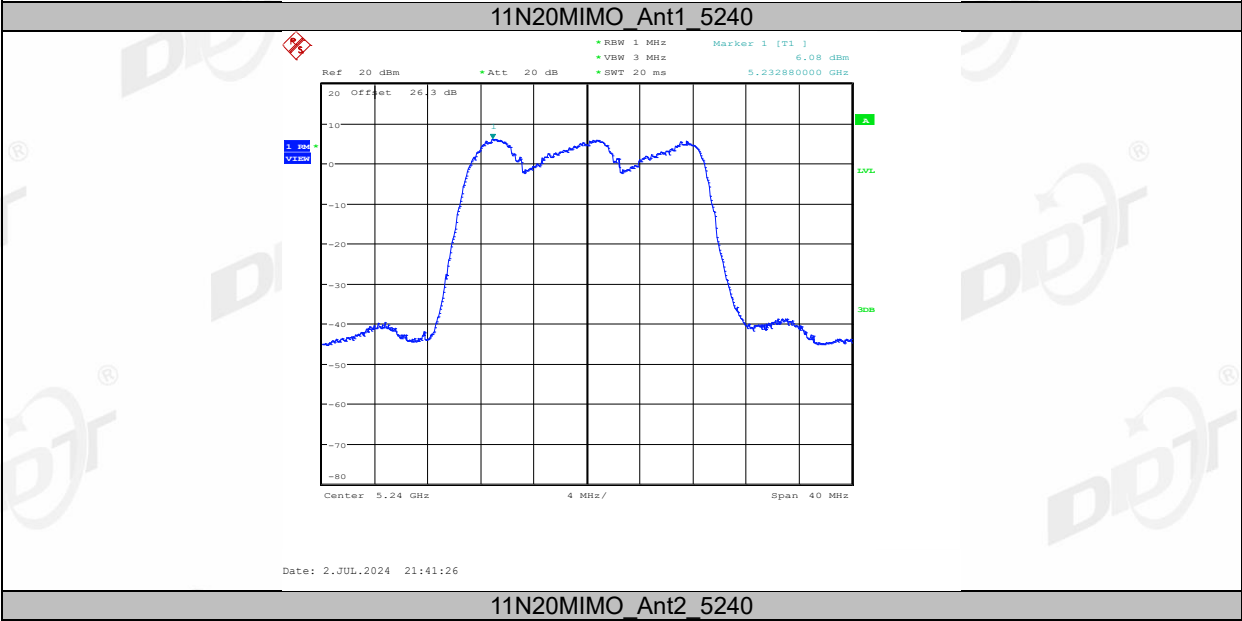
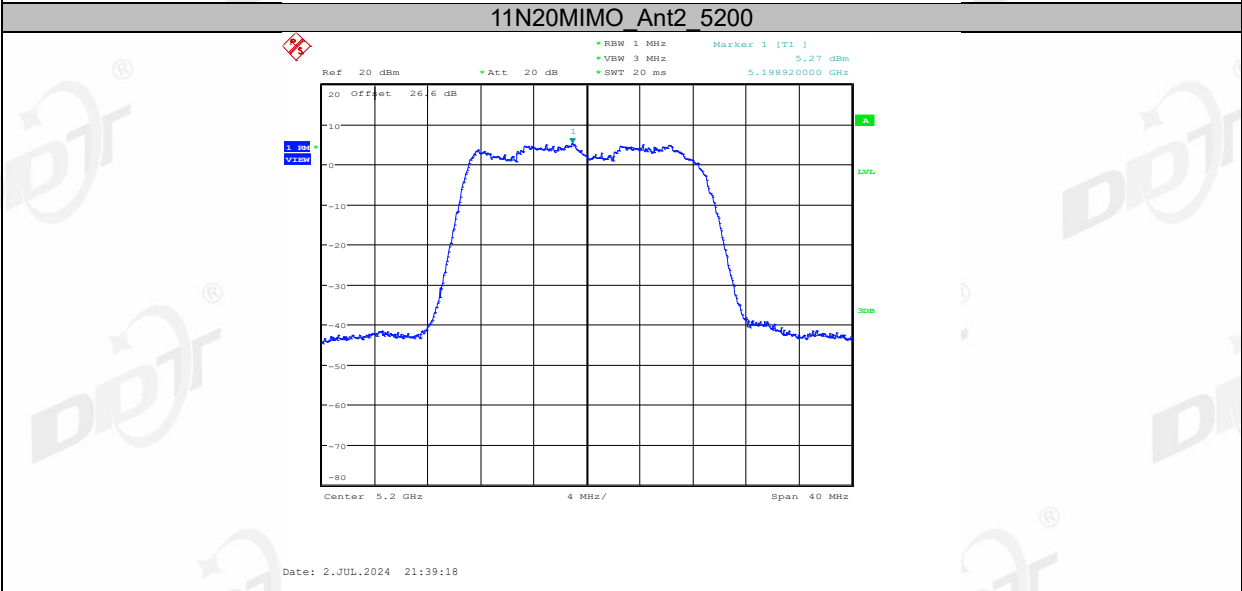
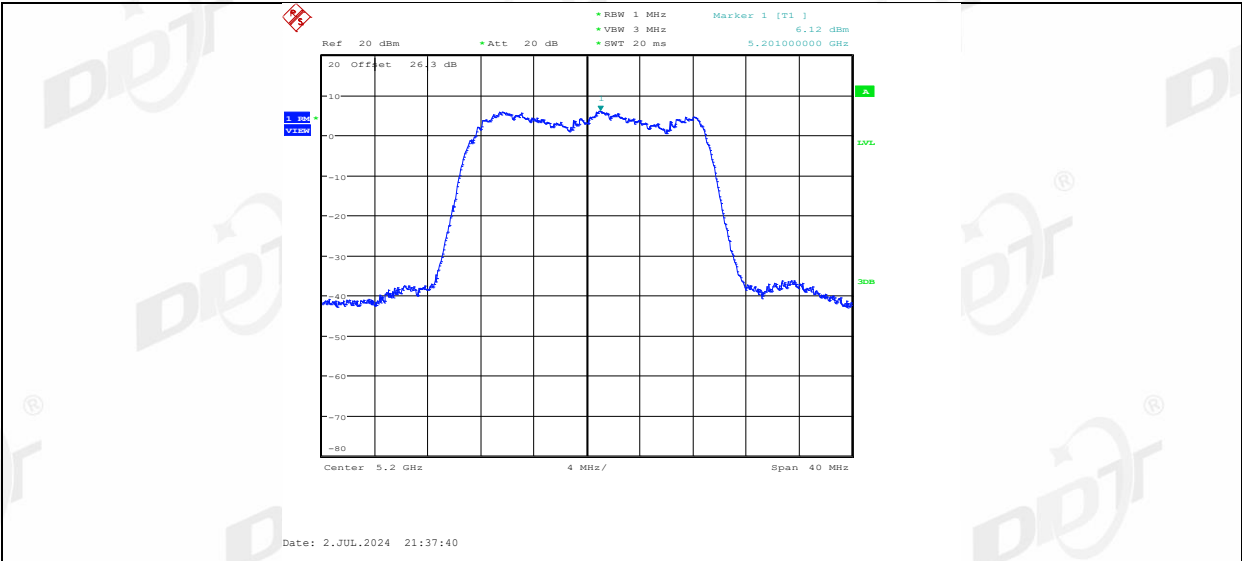
11N20MIMO_Ant1_5180

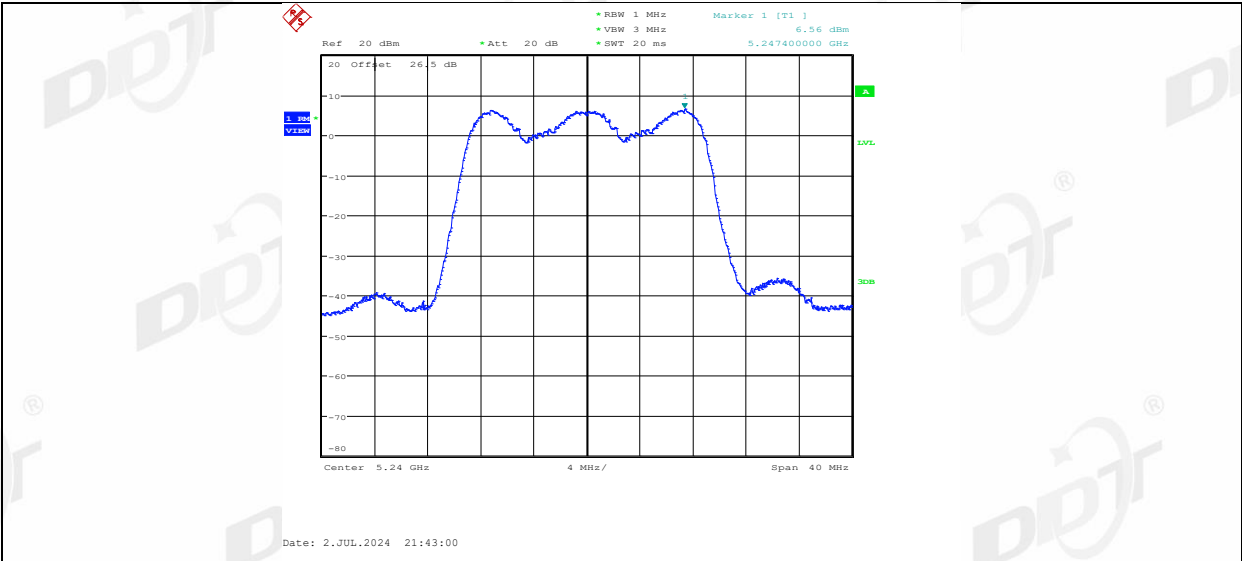


11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200

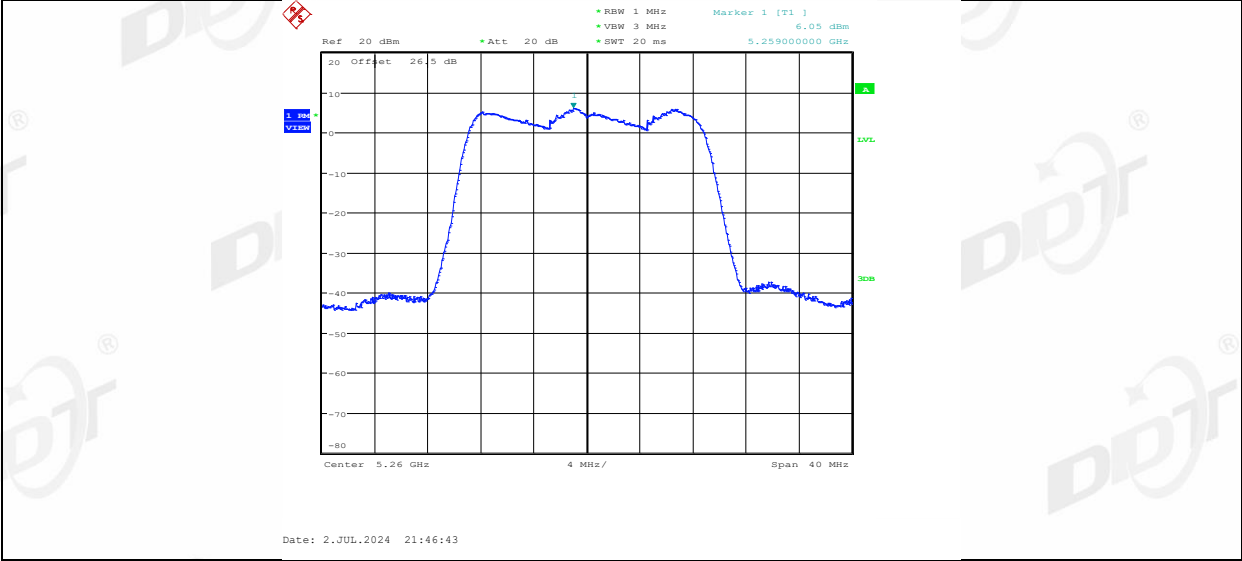




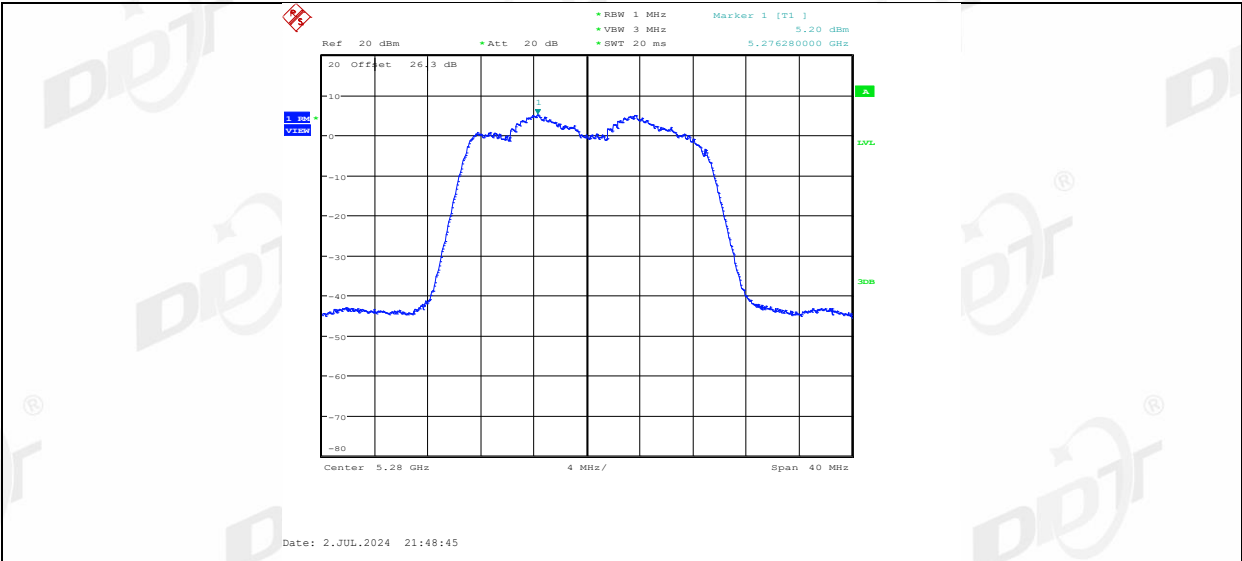
11N20MIMO_Ant1_5260



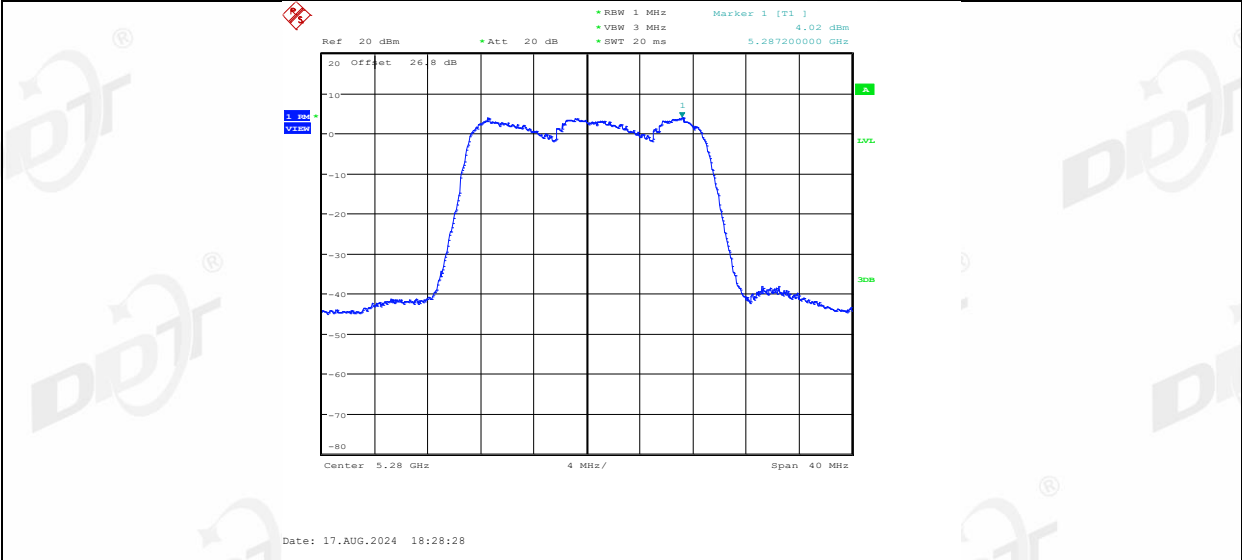
11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5280



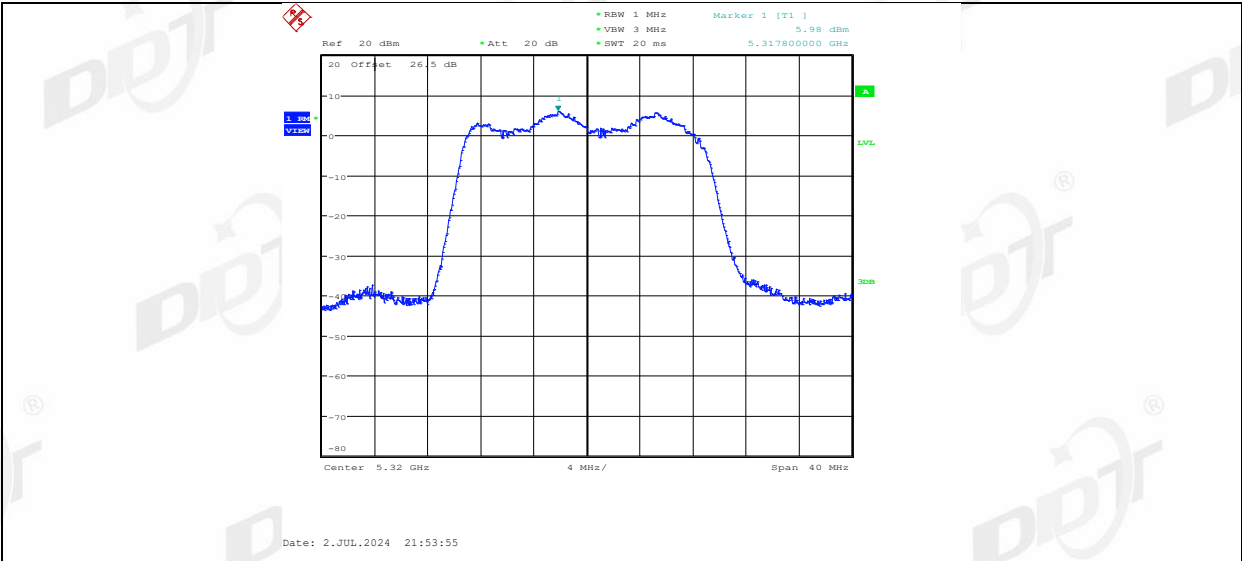
11N20MIMO_Ant2_5280



11N20MIMO_Ant1_5320



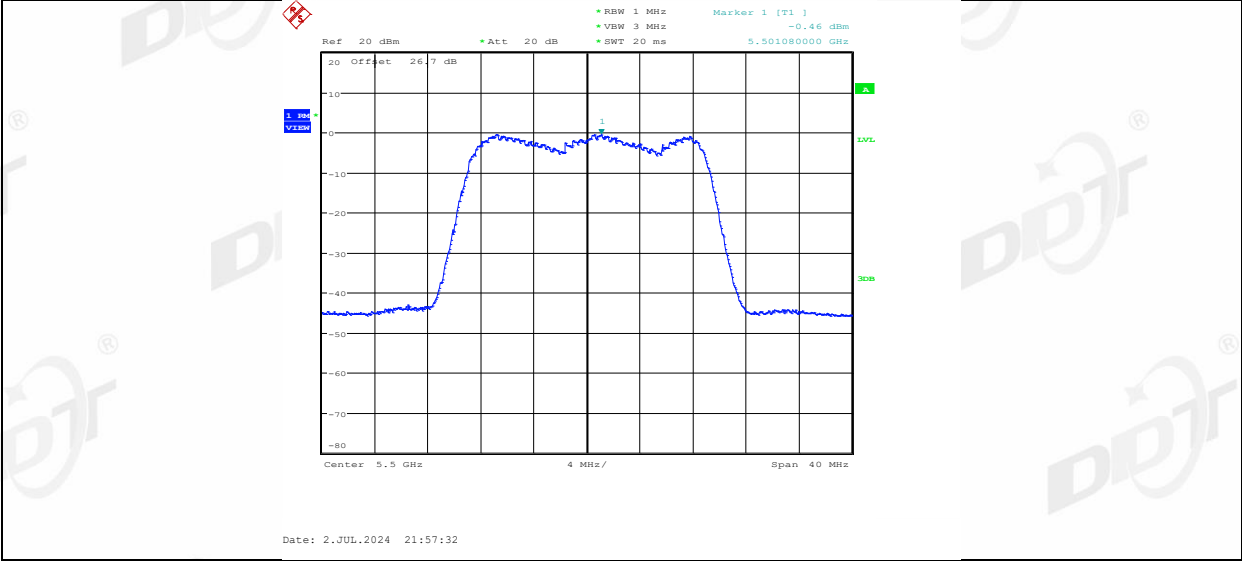
11N20MIMO_Ant2_5320



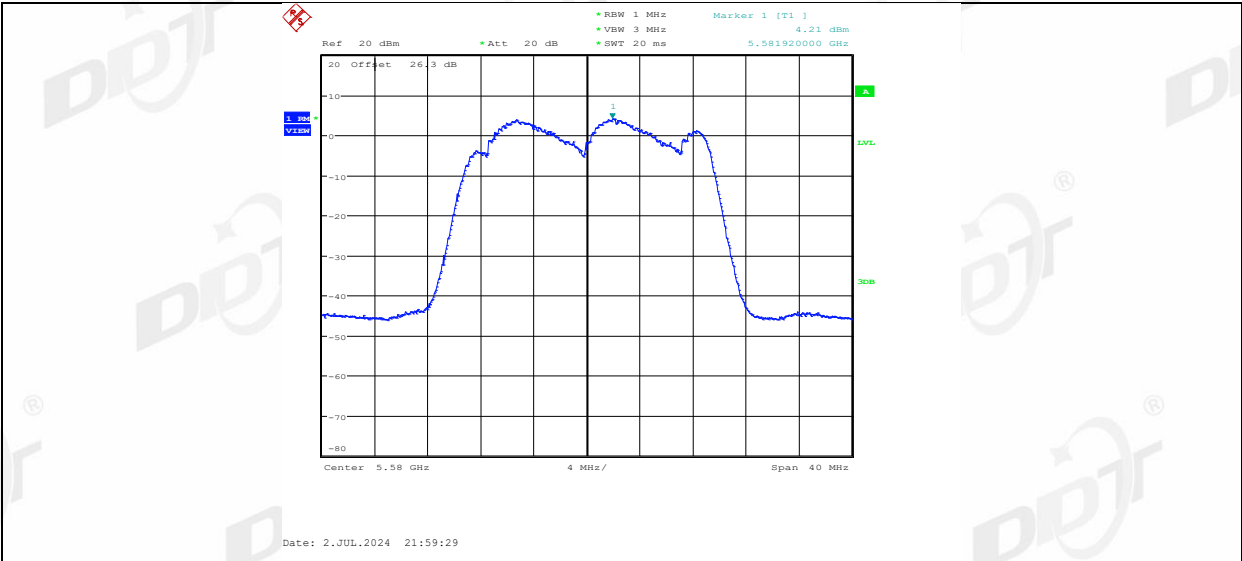
11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500



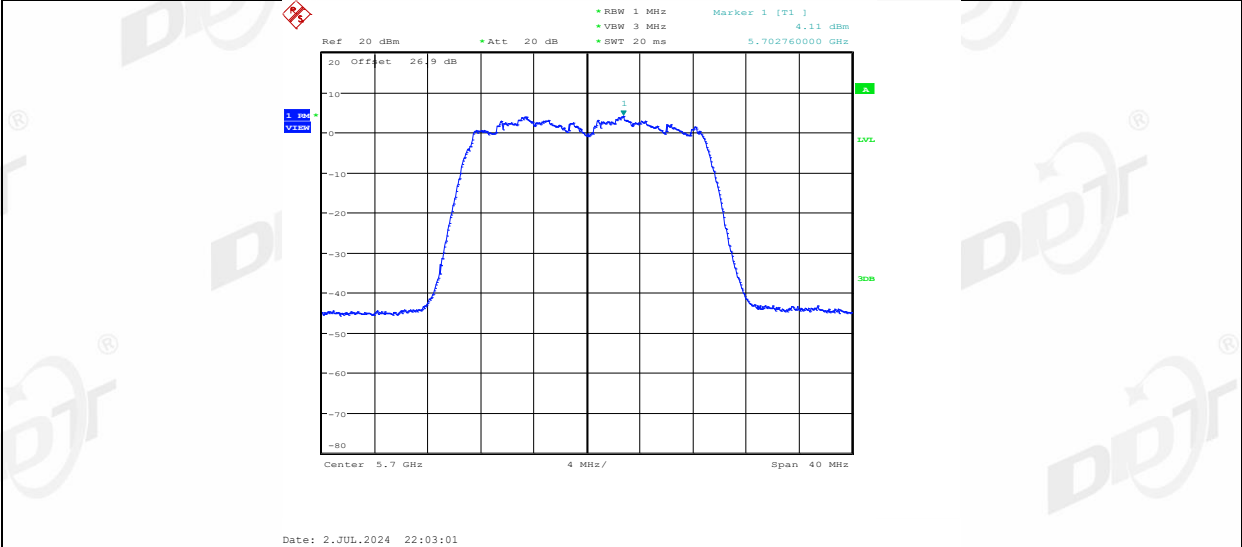
11N20MIMO_Ant1_5580



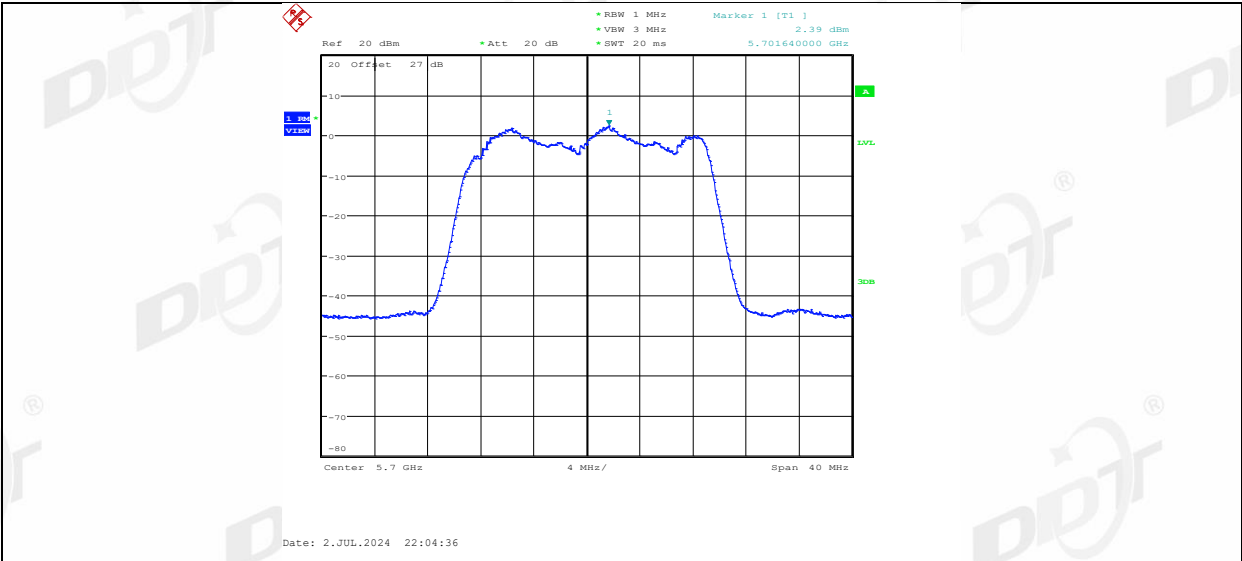
11N20MIMO_Ant2_5580



11N20MIMO_Ant1_5700



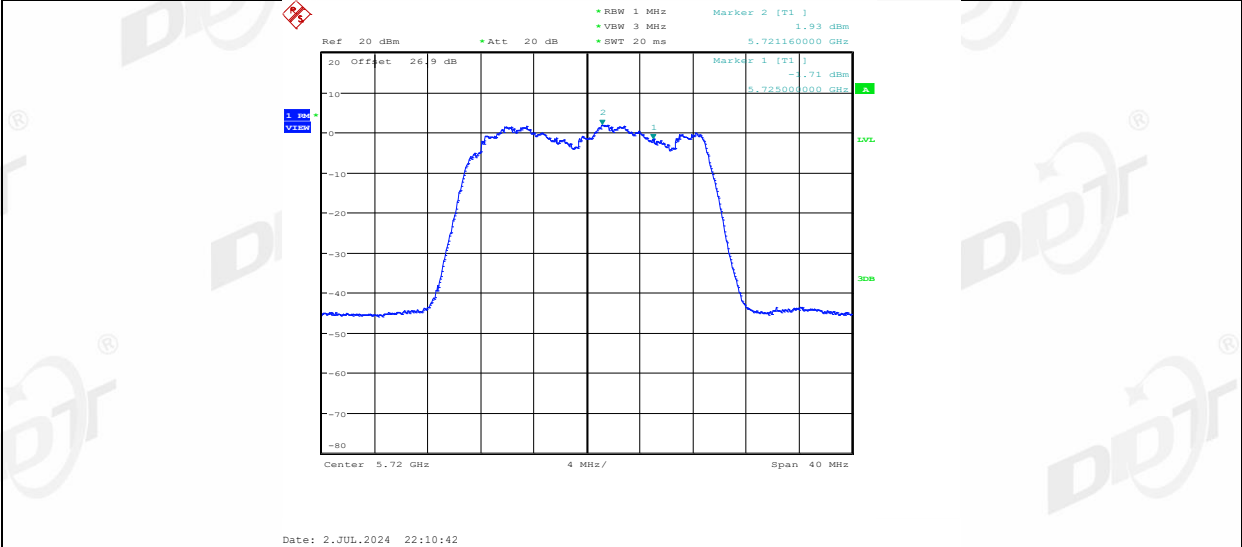
11N20MIMO_Ant2_5700



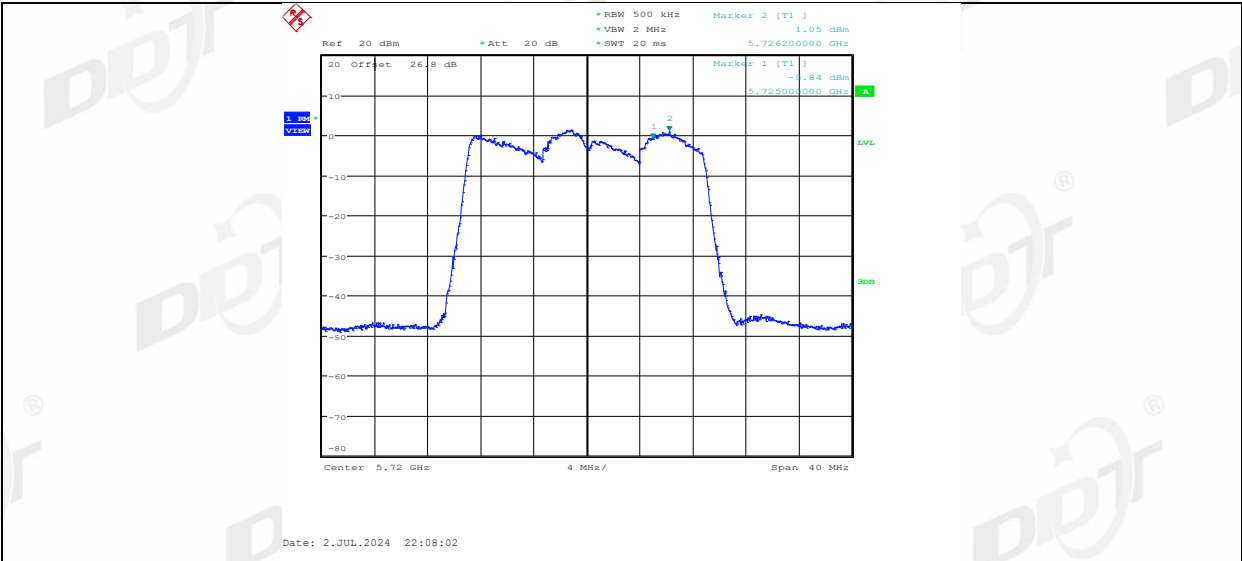
11N20MIMO Ant1 5720 UNII-2C



11N20MIMO Ant2 5720 UNII-2C



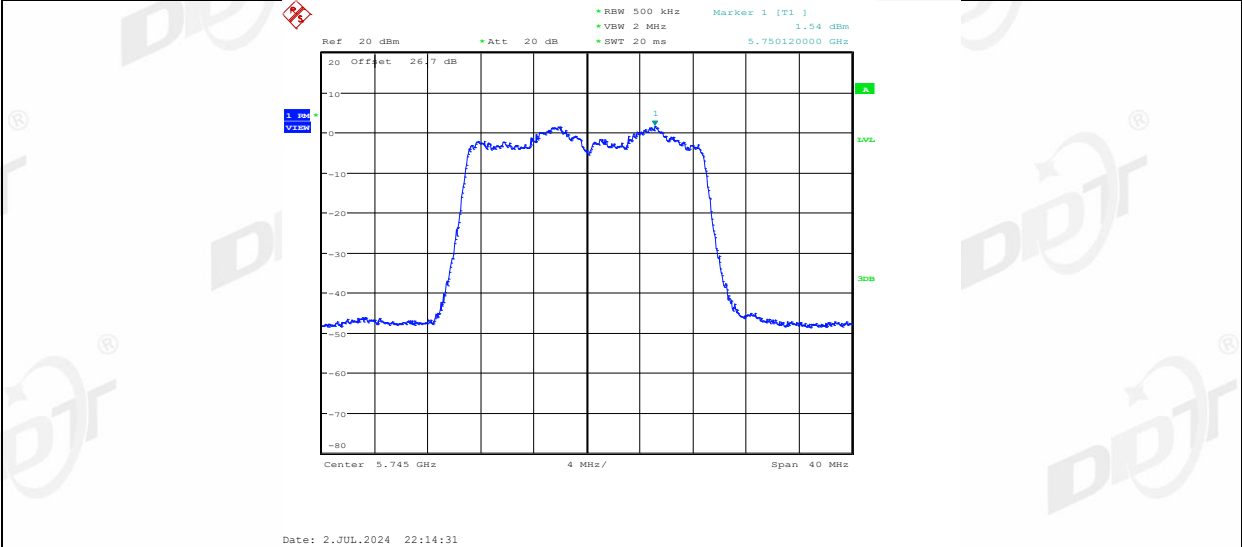
11N20MIMO Ant1 5720 UNII-3



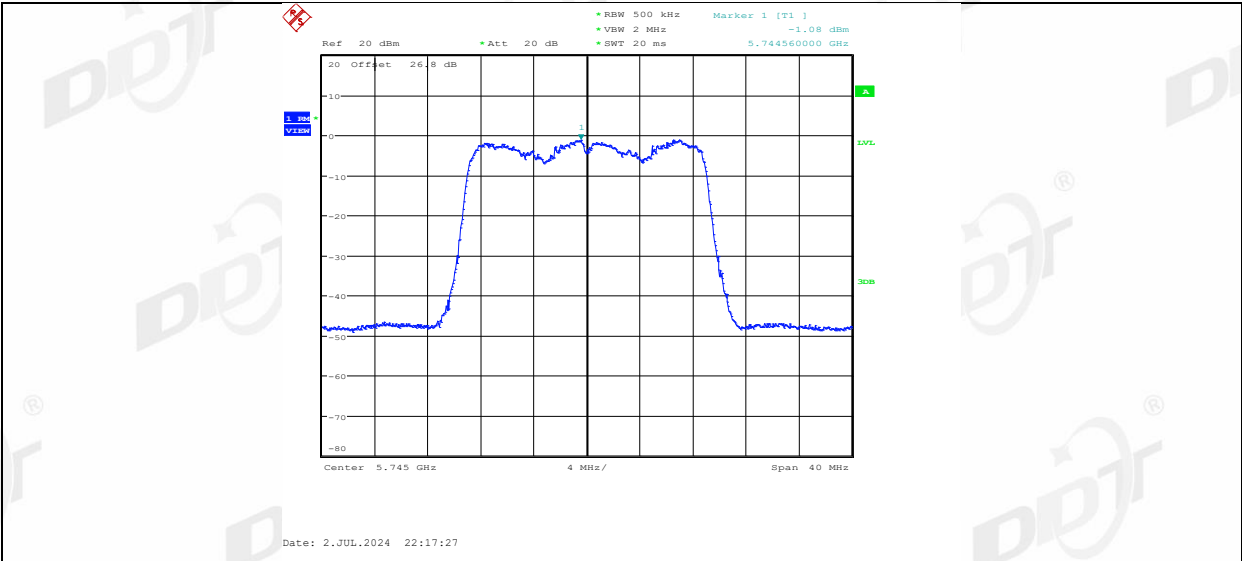
11N20MIMO_Ant2_5720_UNII-3



11N20MIMO_Ant1_5745



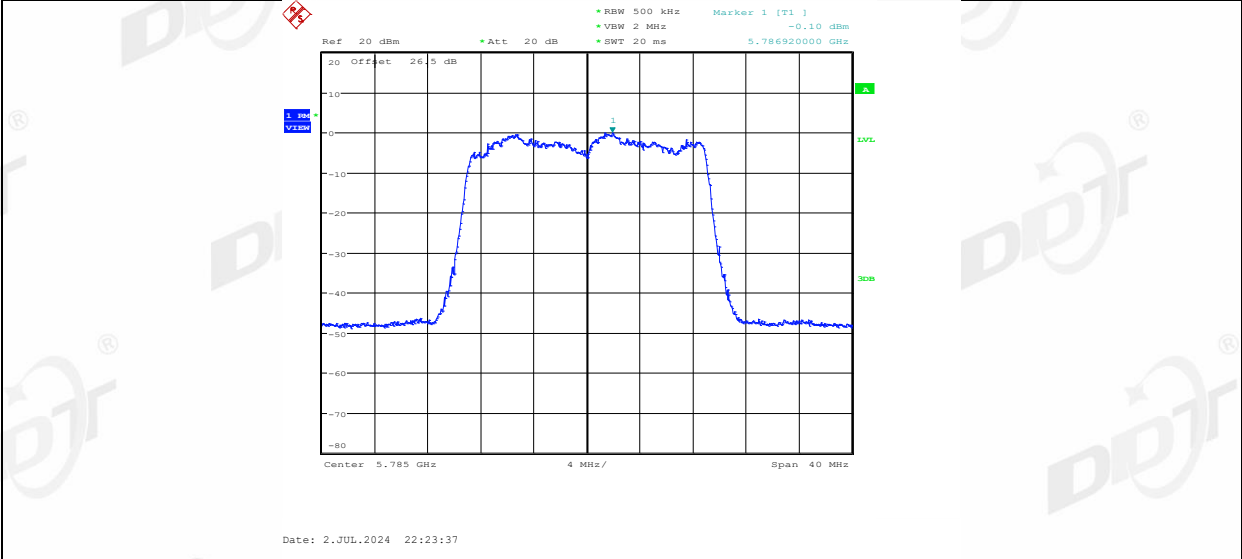
11N20MIMO_Ant2_5745



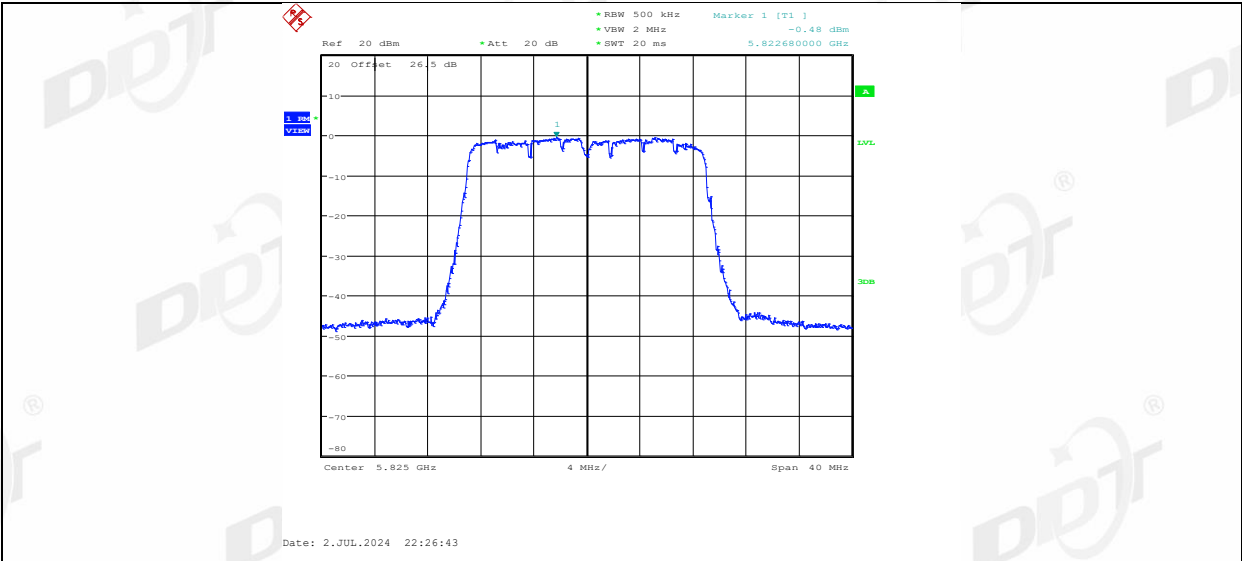
11N20MIMO_Ant1_5785



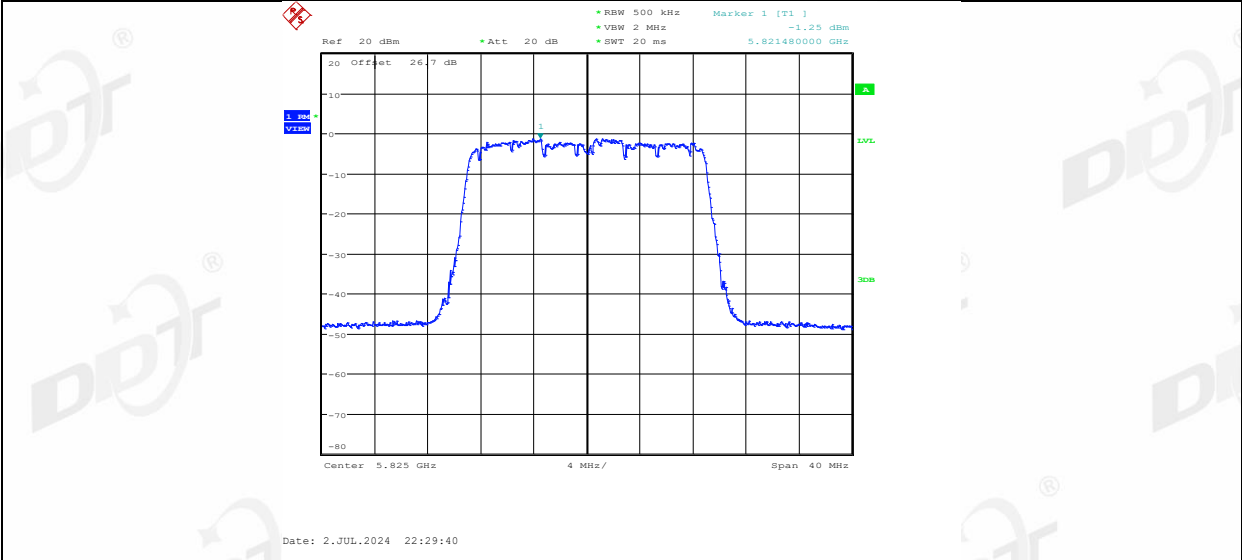
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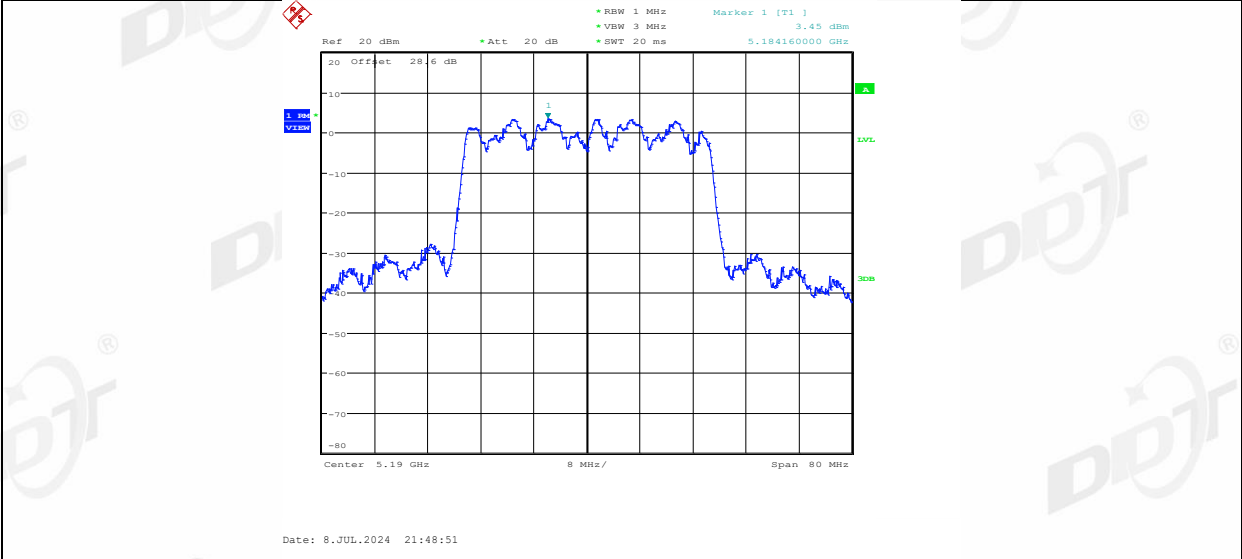
11N20MIMO_Ant1_5825



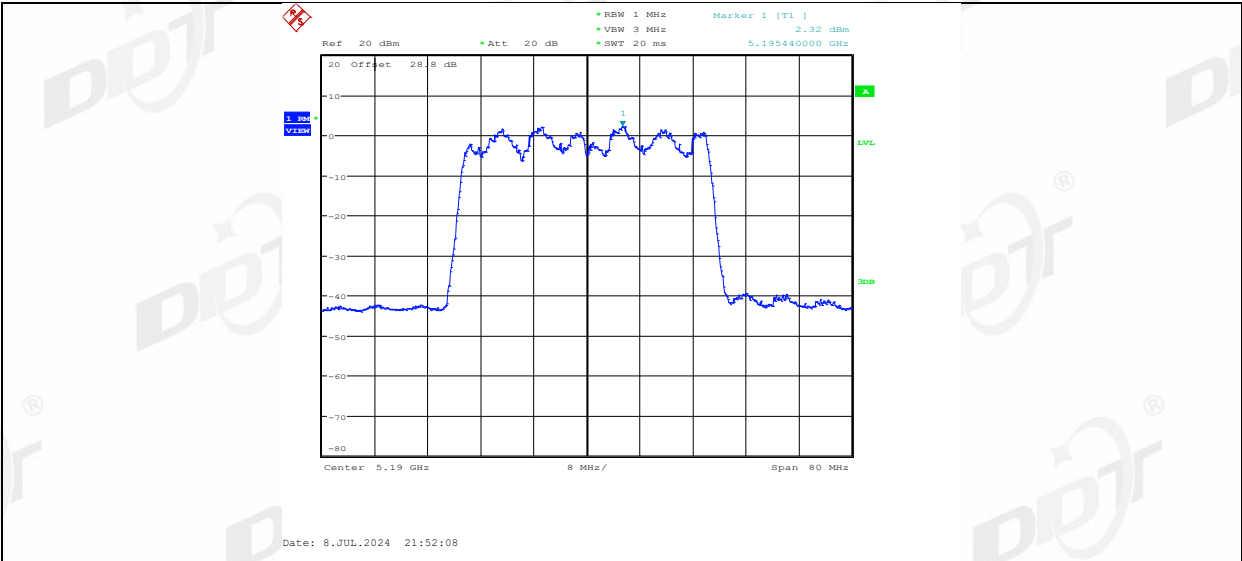
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



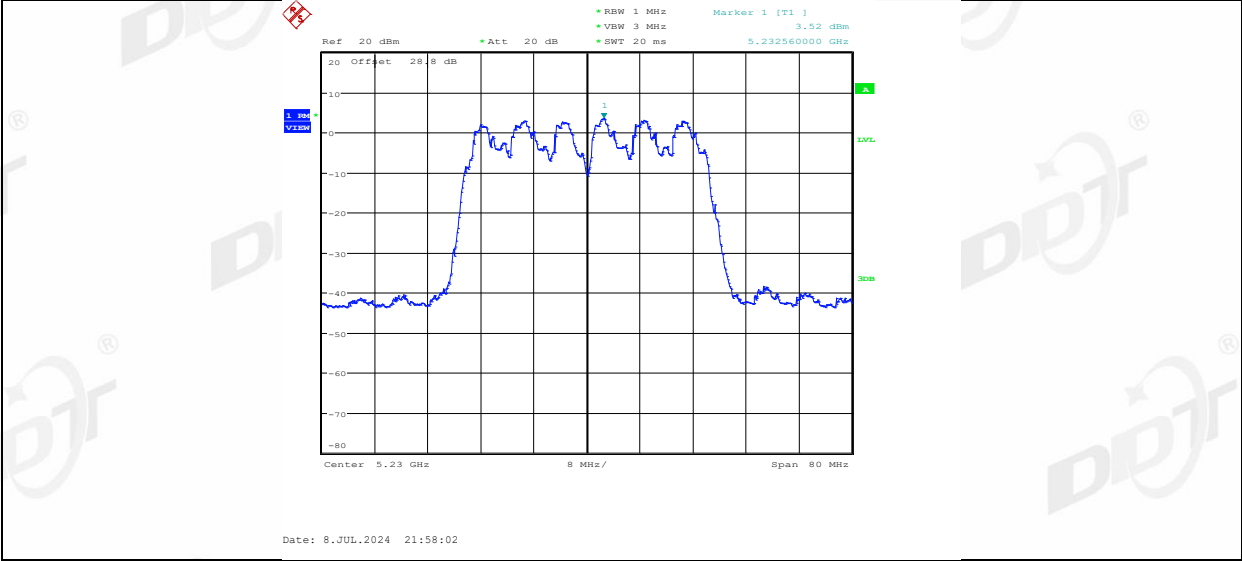
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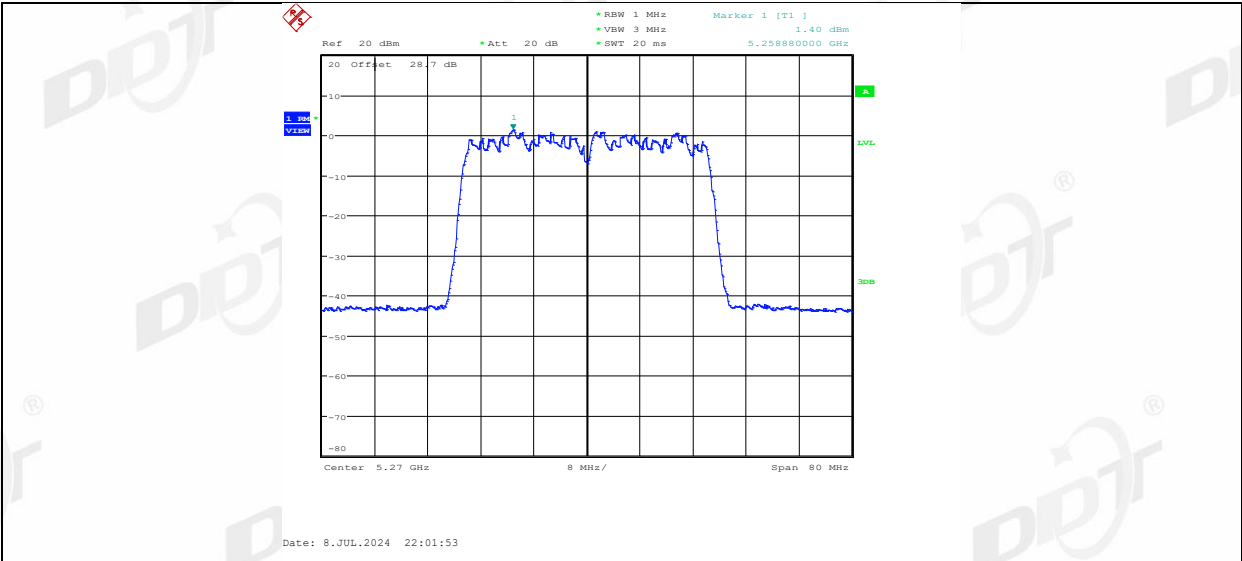
11N40MIMO_Ant1_5230



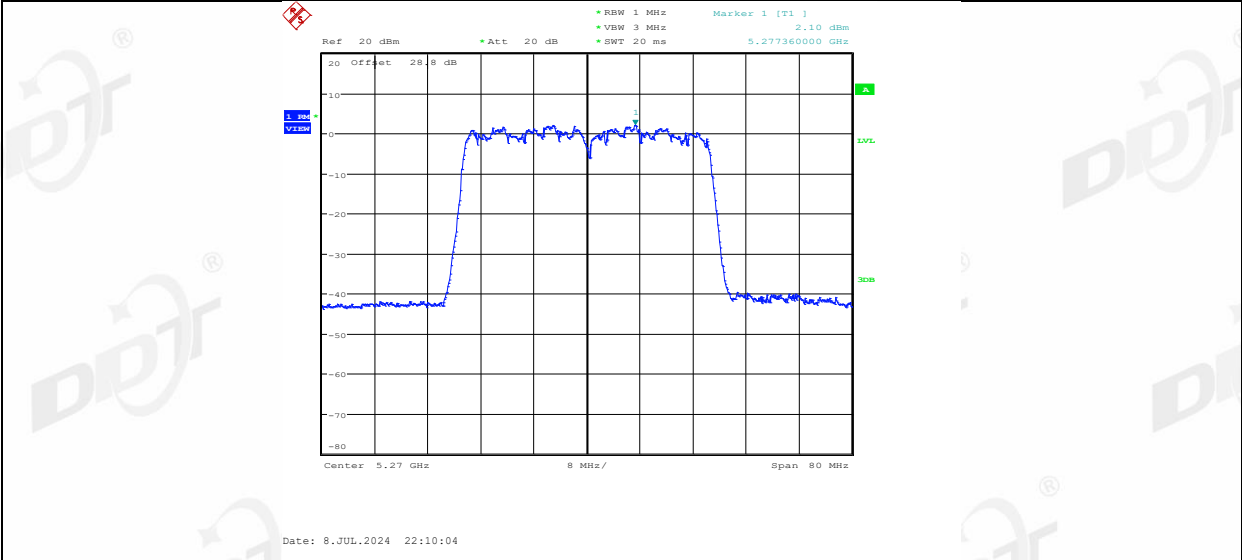
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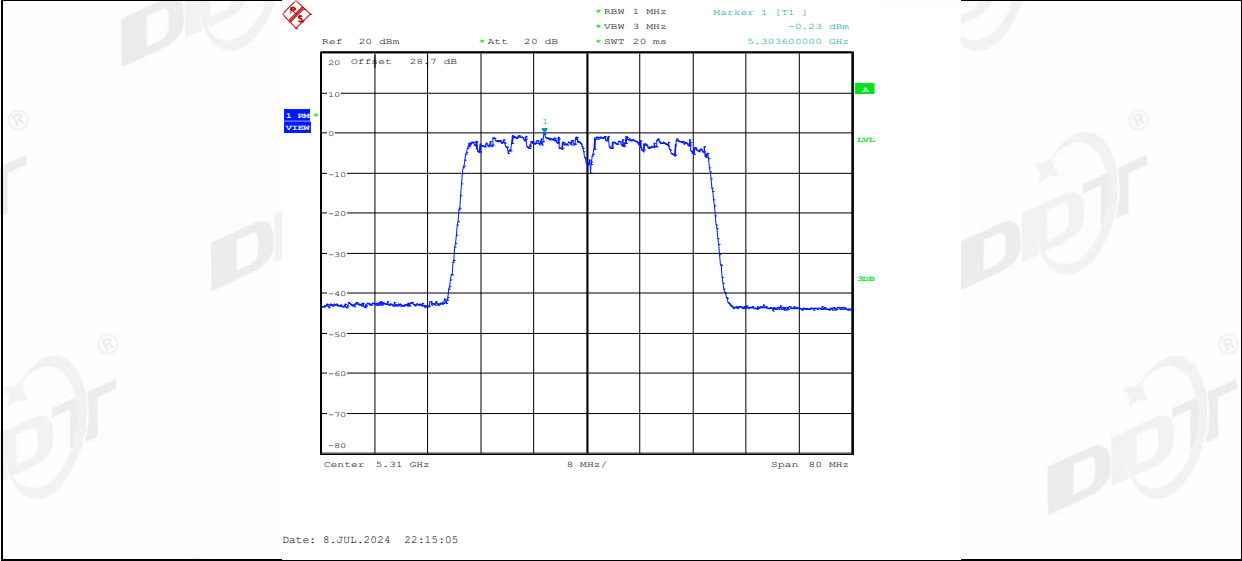
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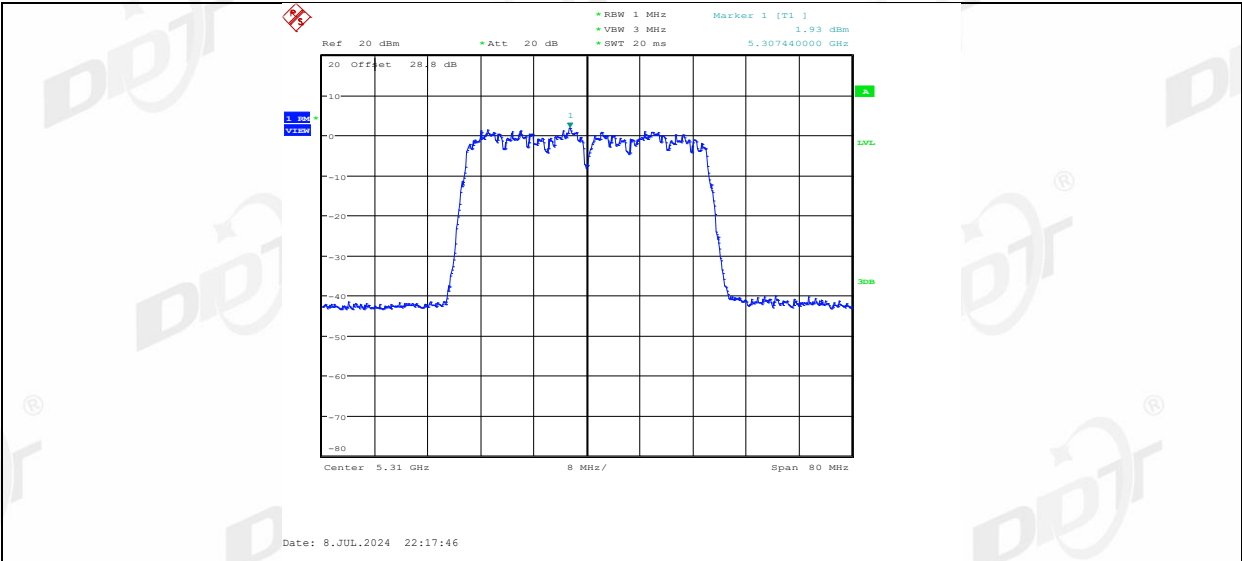
11N40MIMO_Ant2_5270



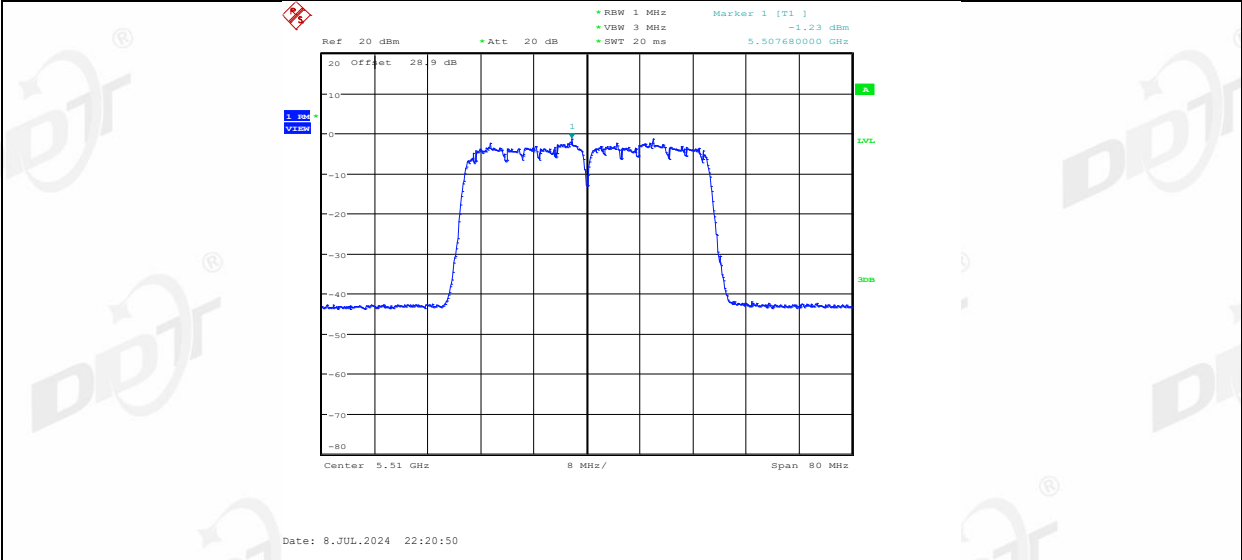
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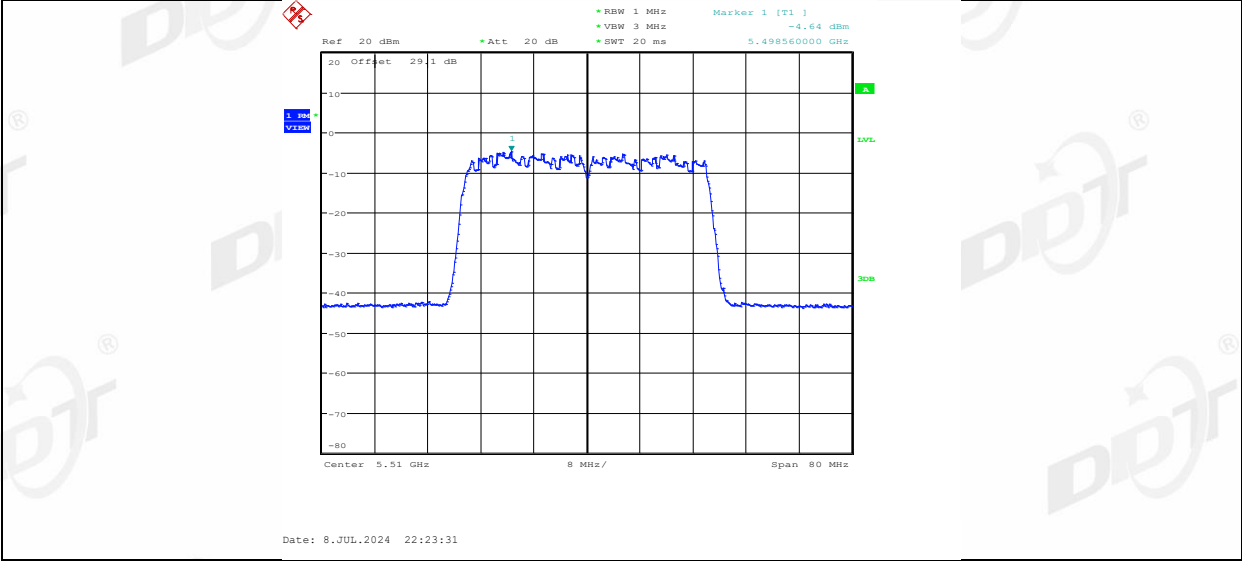
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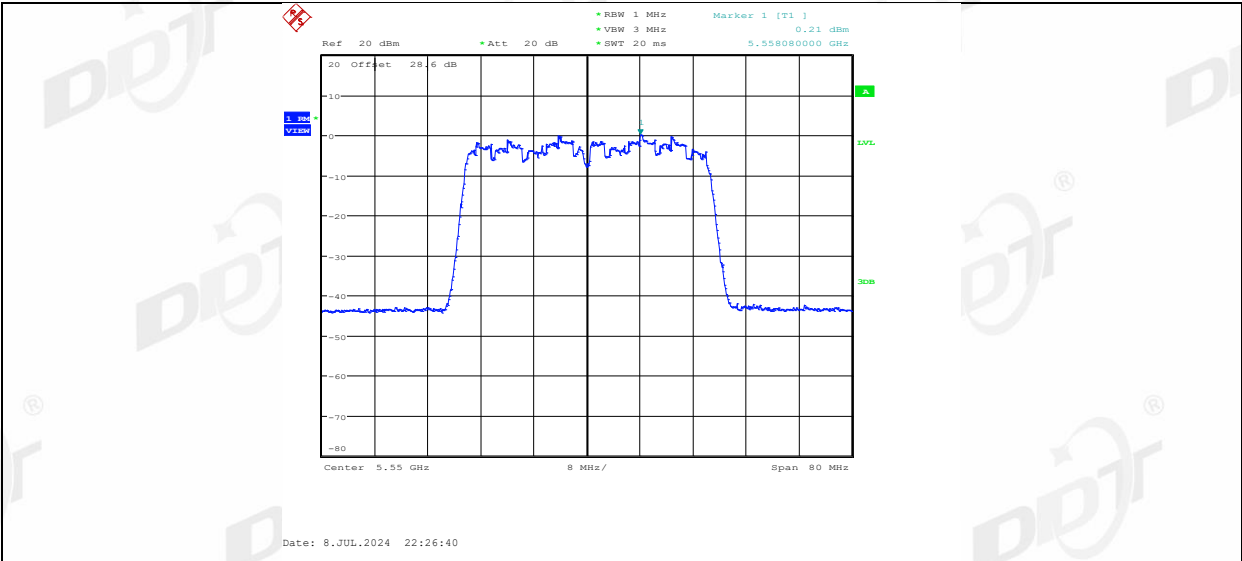
11N40MIMO_Ant1_5510



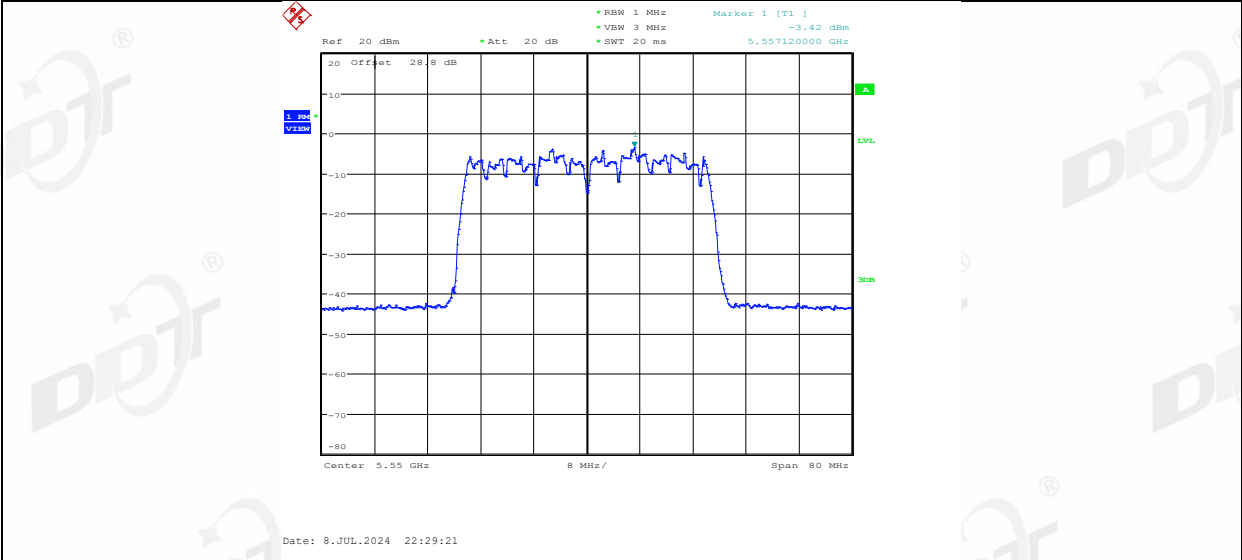
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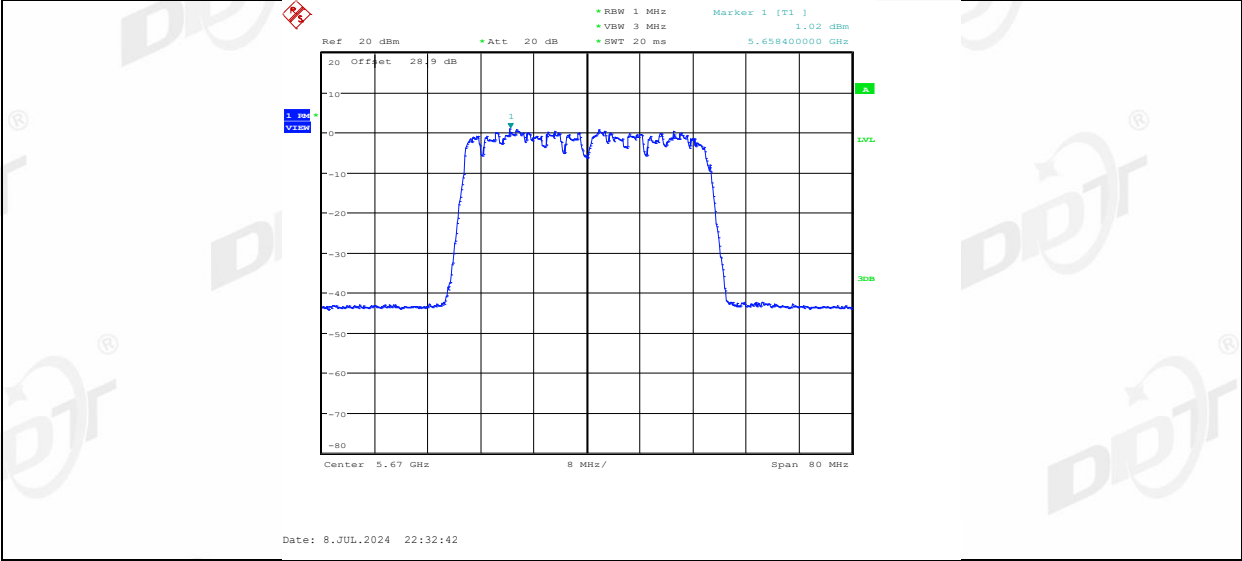
11N40MIMO_Ant1_5550



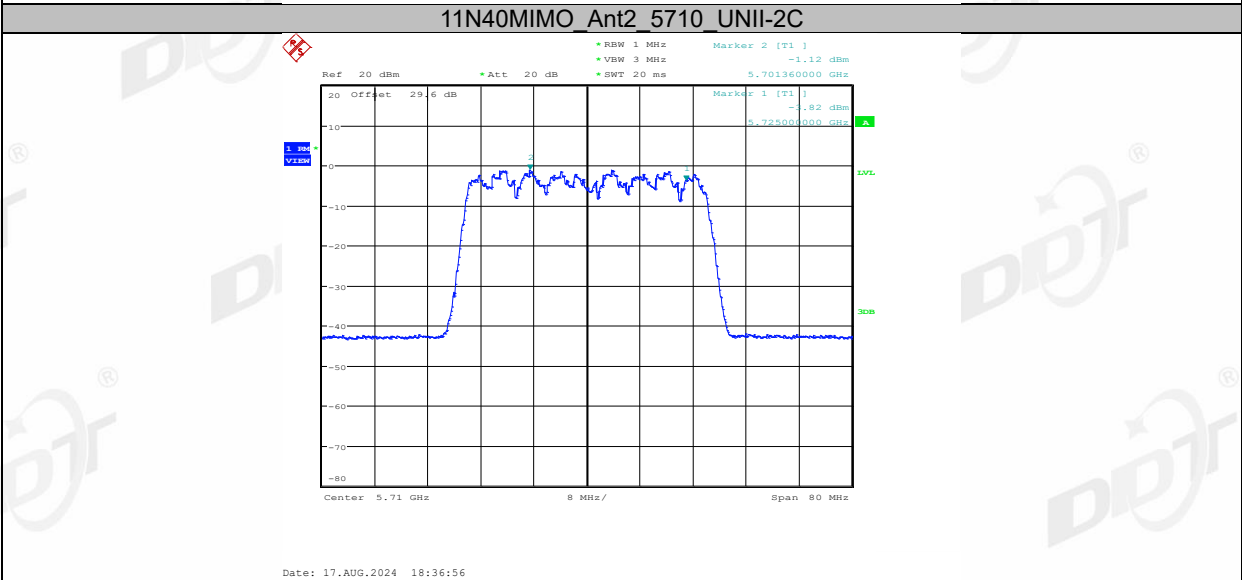
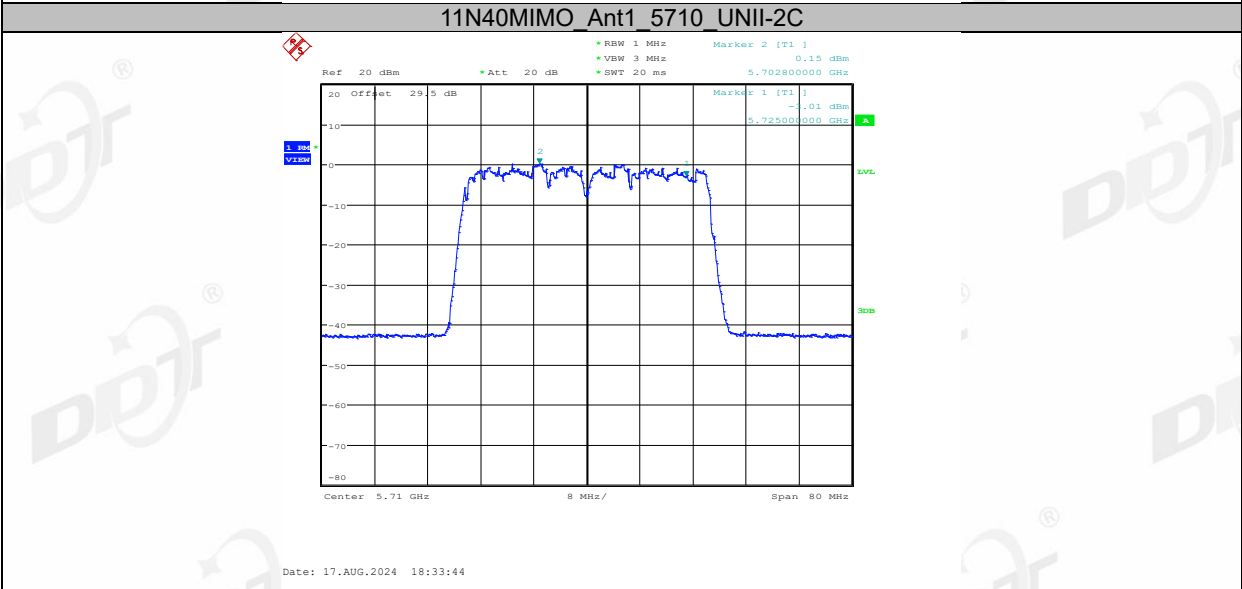
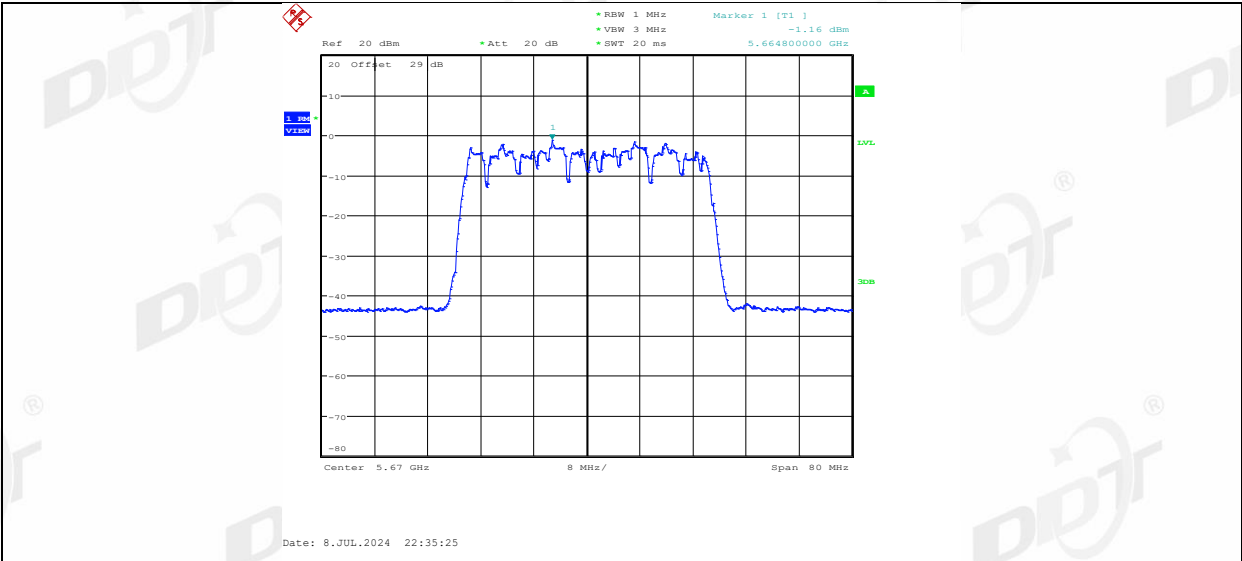
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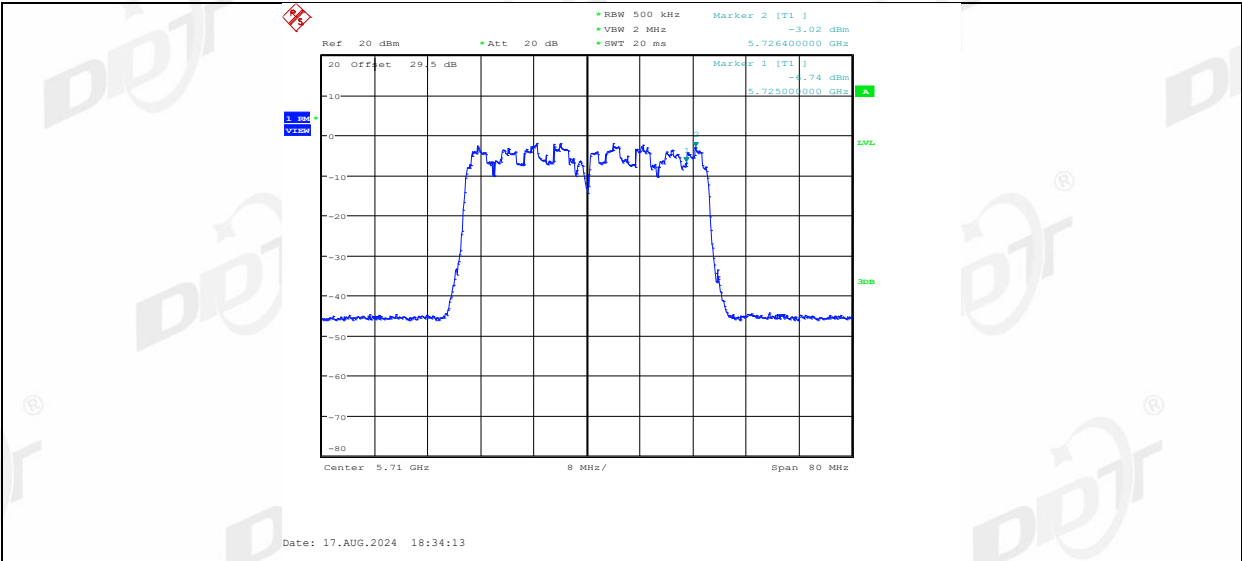
11N40MIMO_Ant1_5670



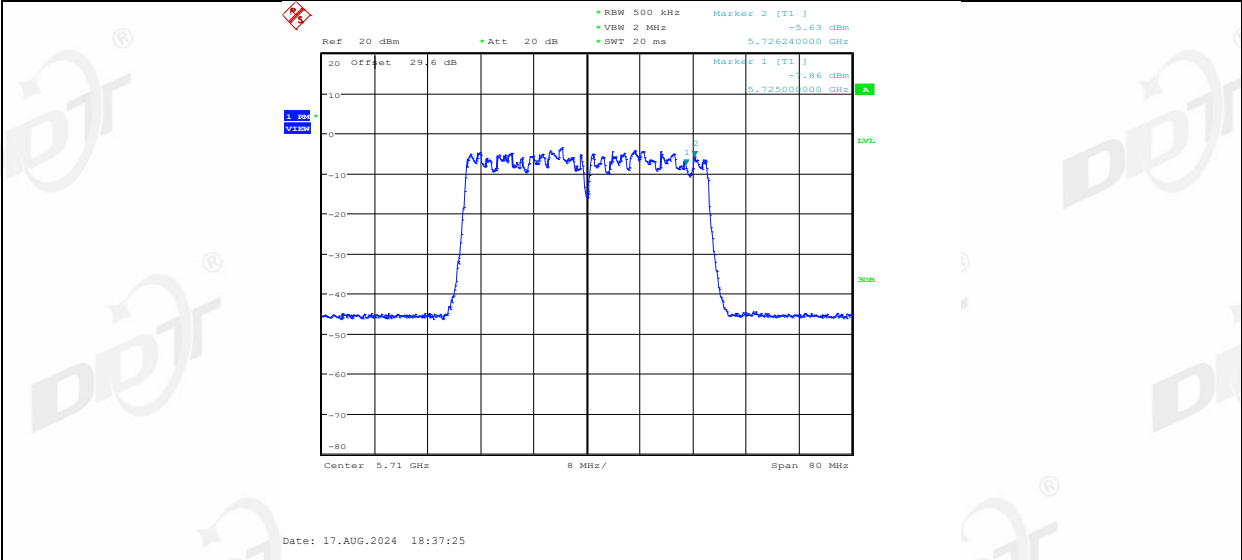
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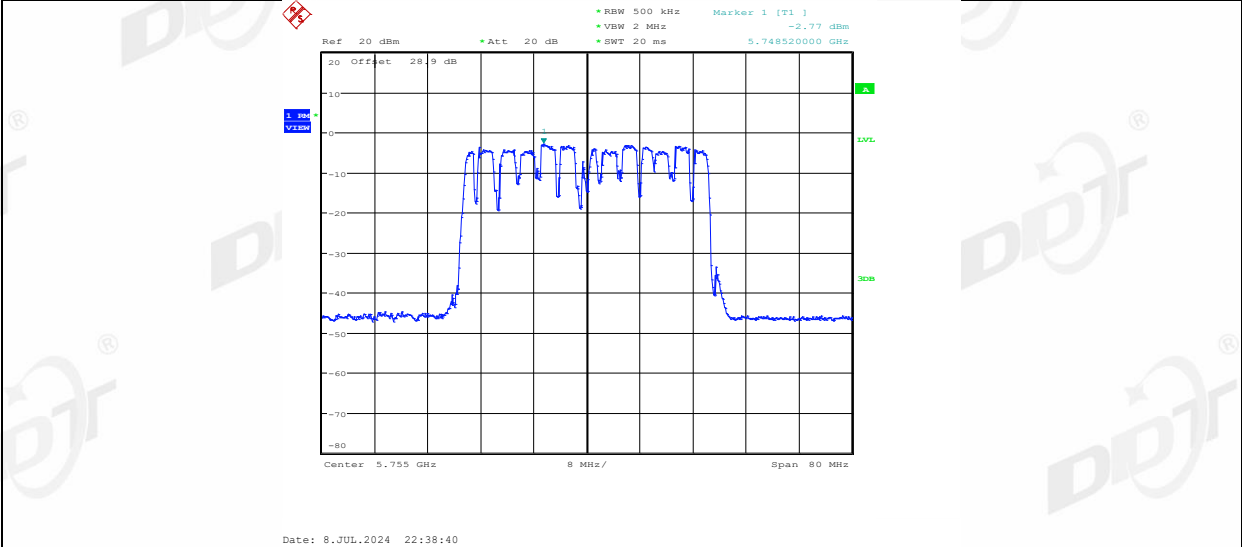
11N40MIMO Ant1 5710 UNII-3



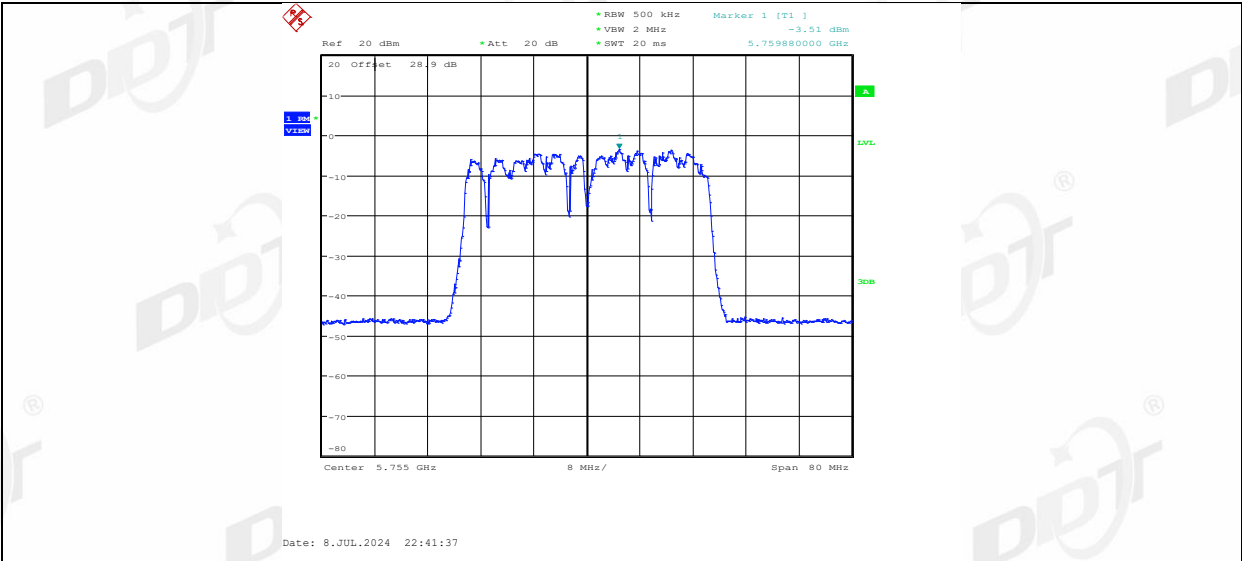
11N40MIMO_Ant2_5710_UNI1-3



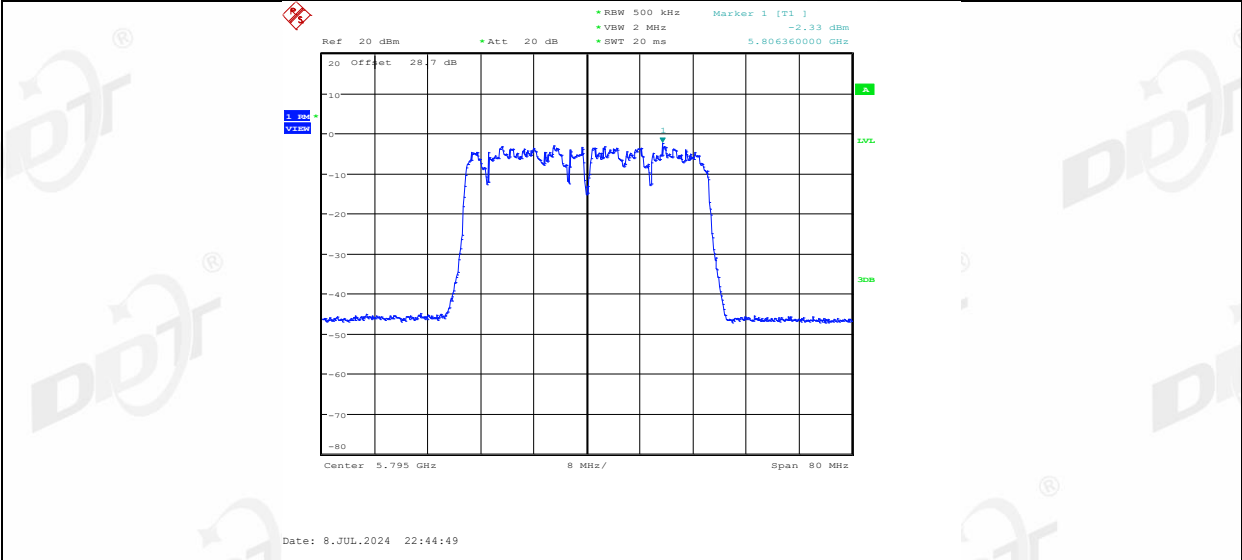
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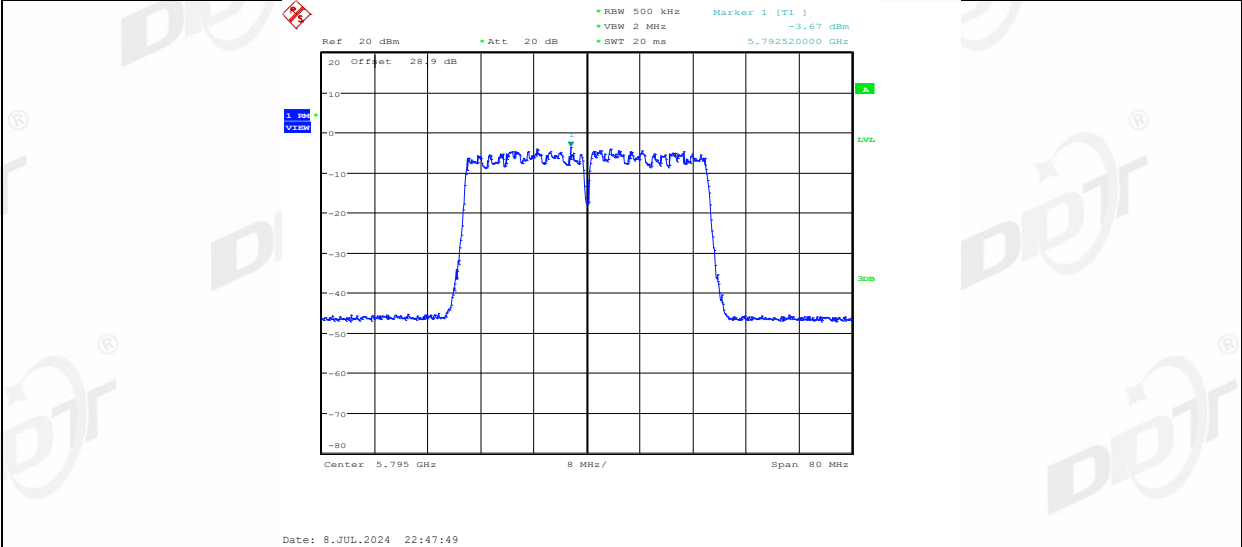
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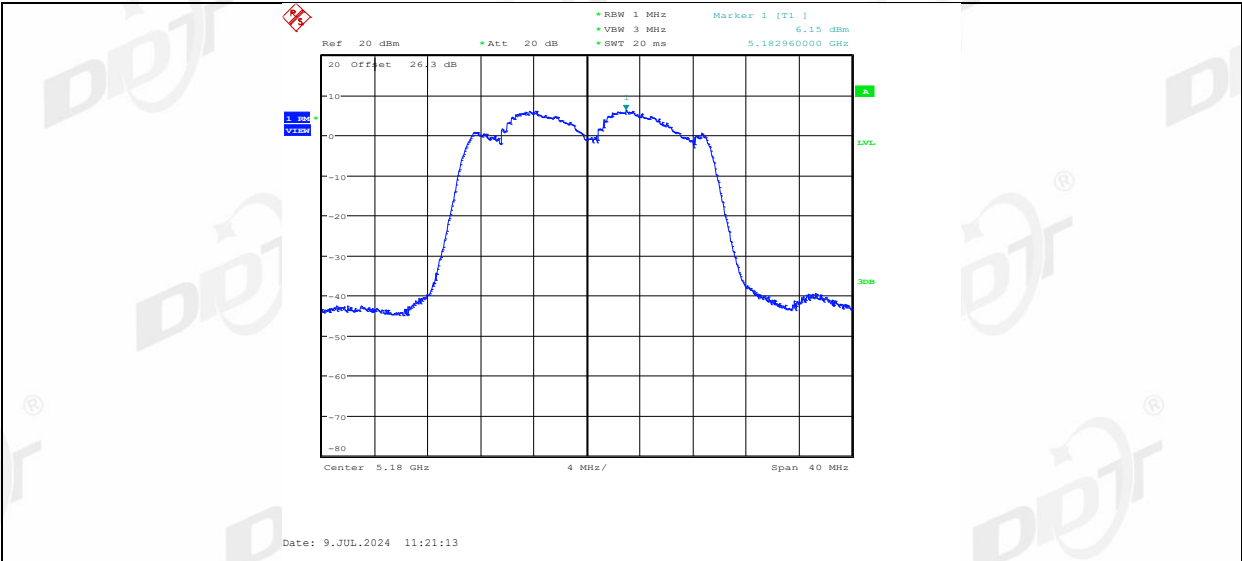
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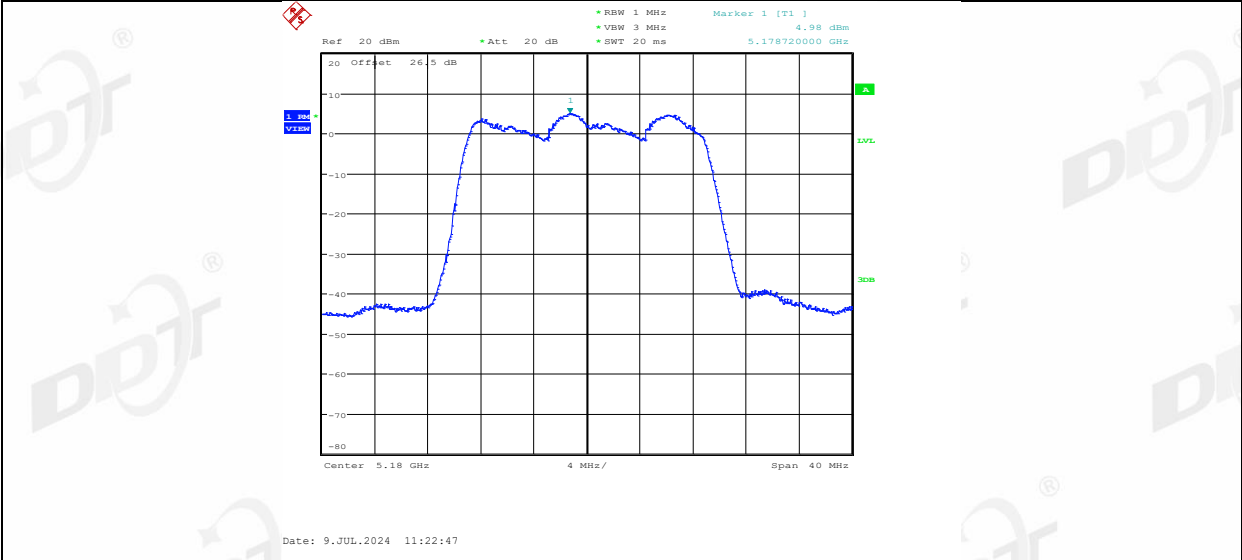
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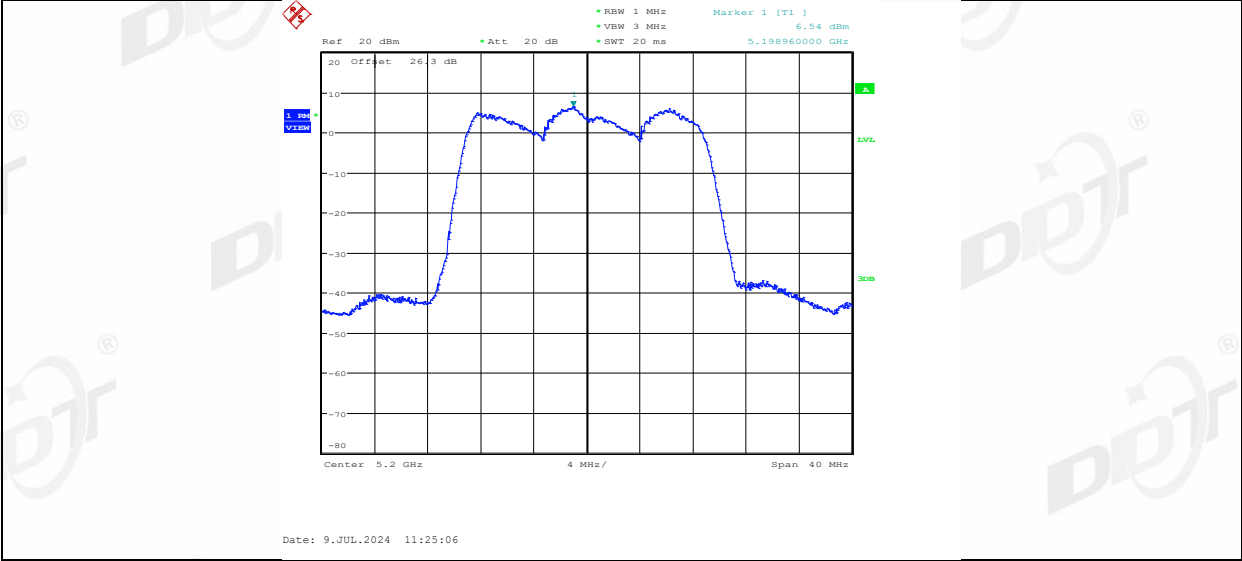
11AC20MIMO_Ant1_5180



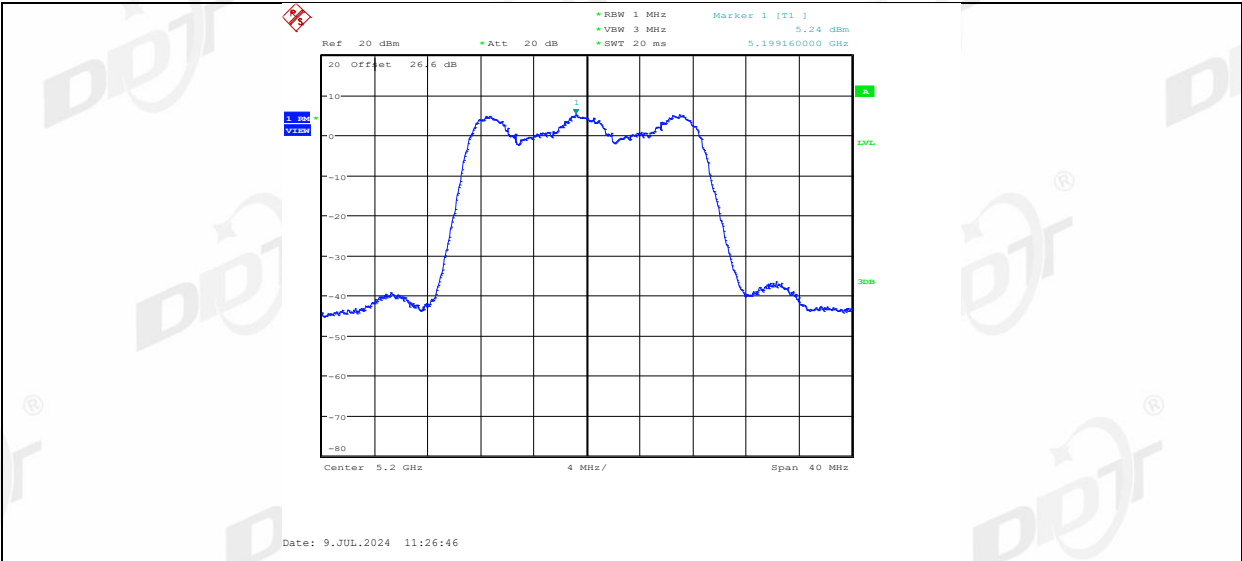
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11AC20MIMO_Ant1_5200



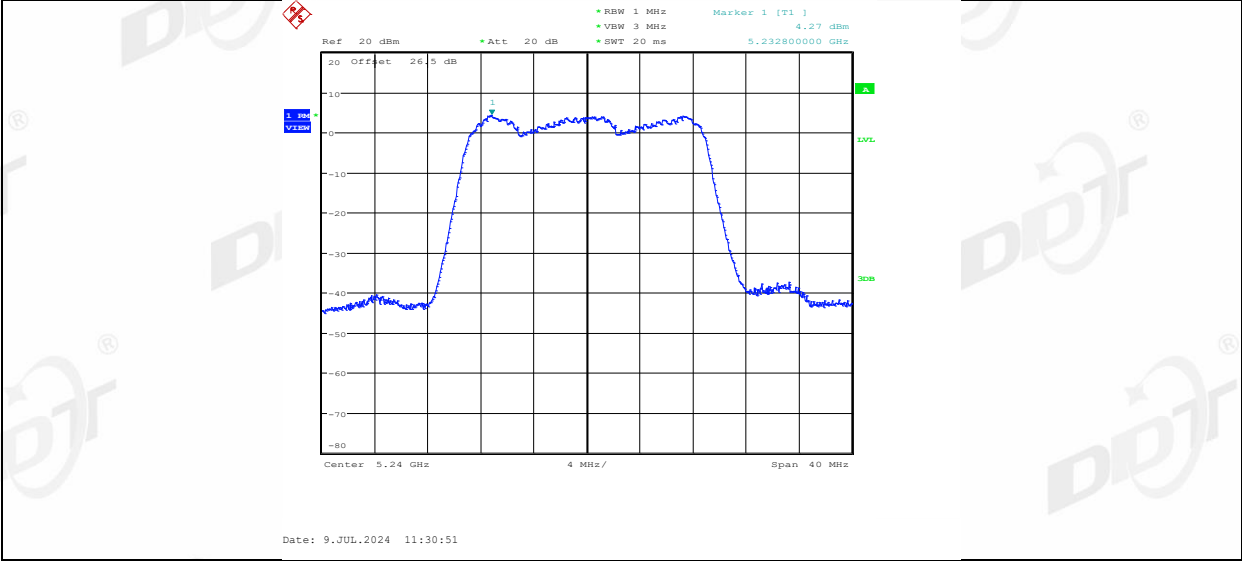
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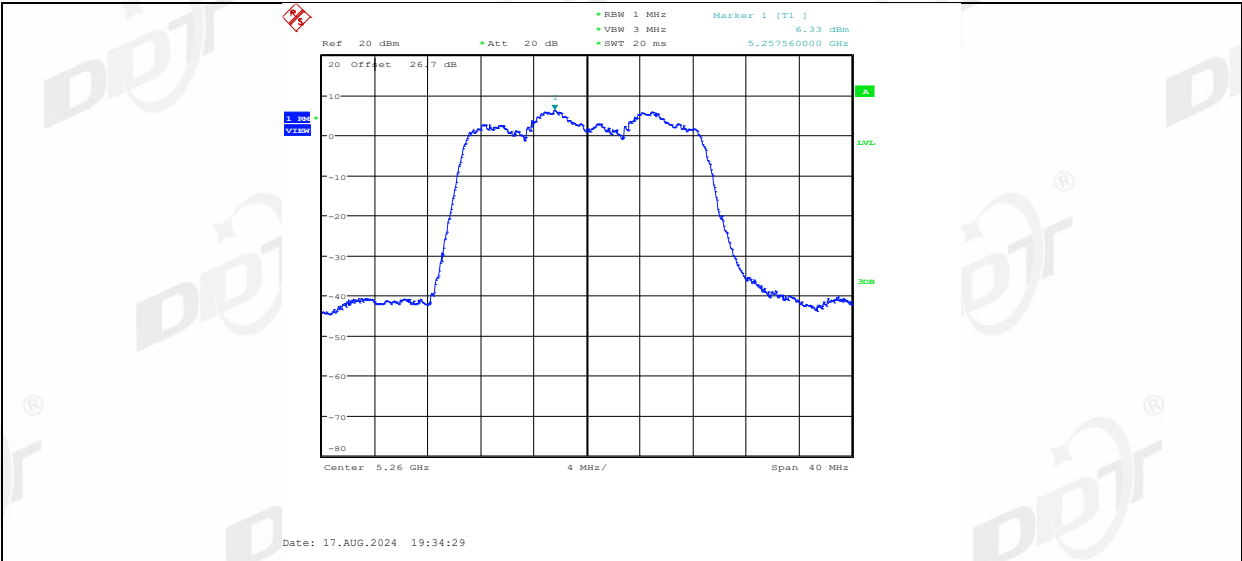
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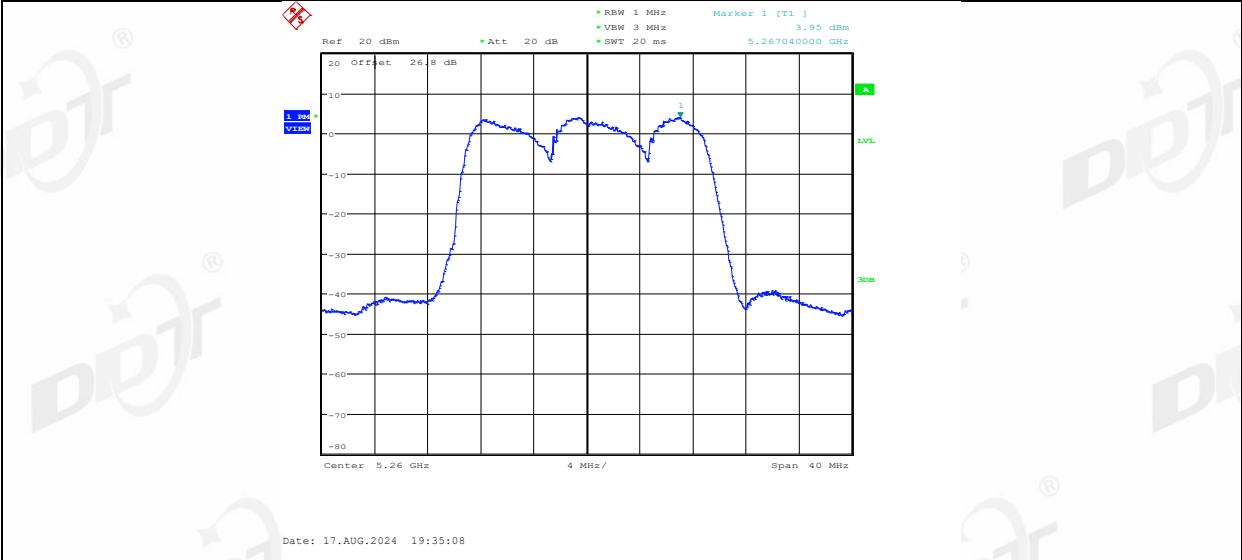
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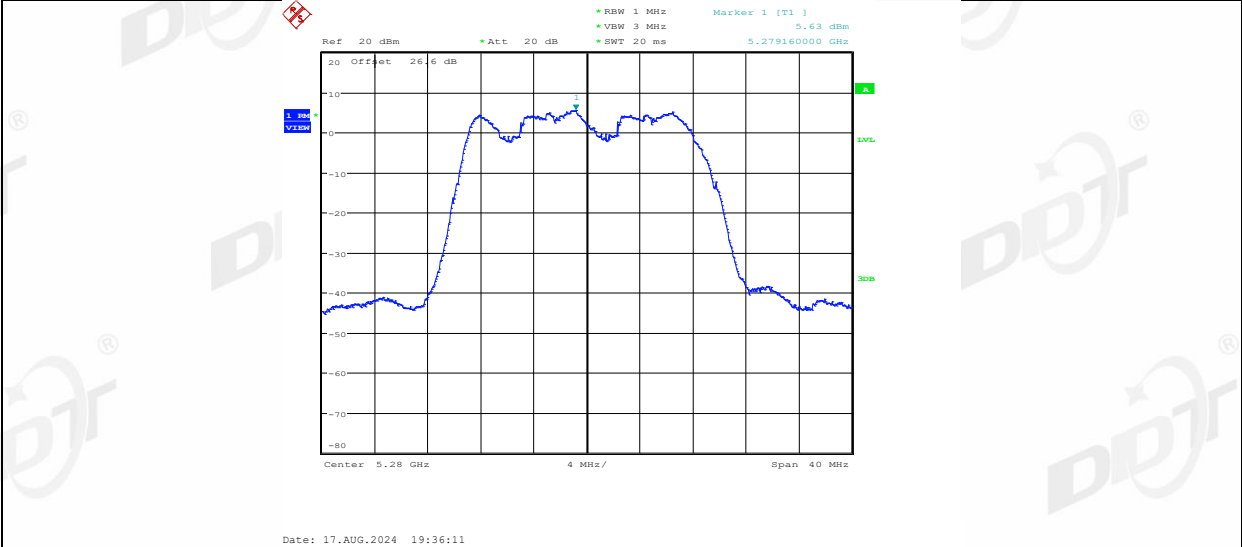
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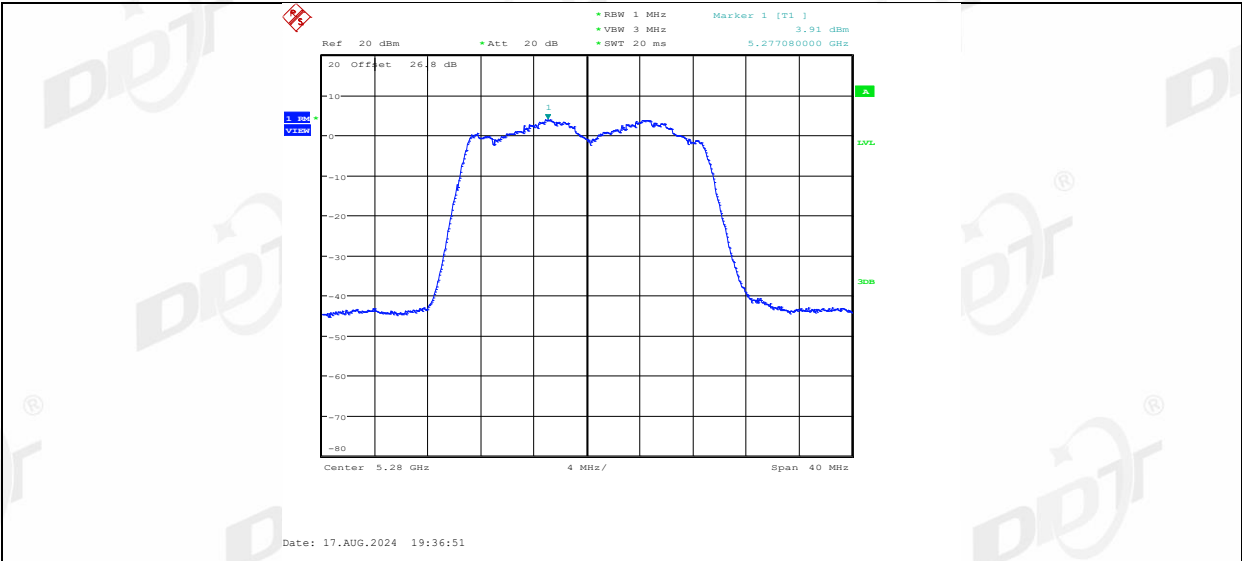
11AC20MIMO_Ant2_5260



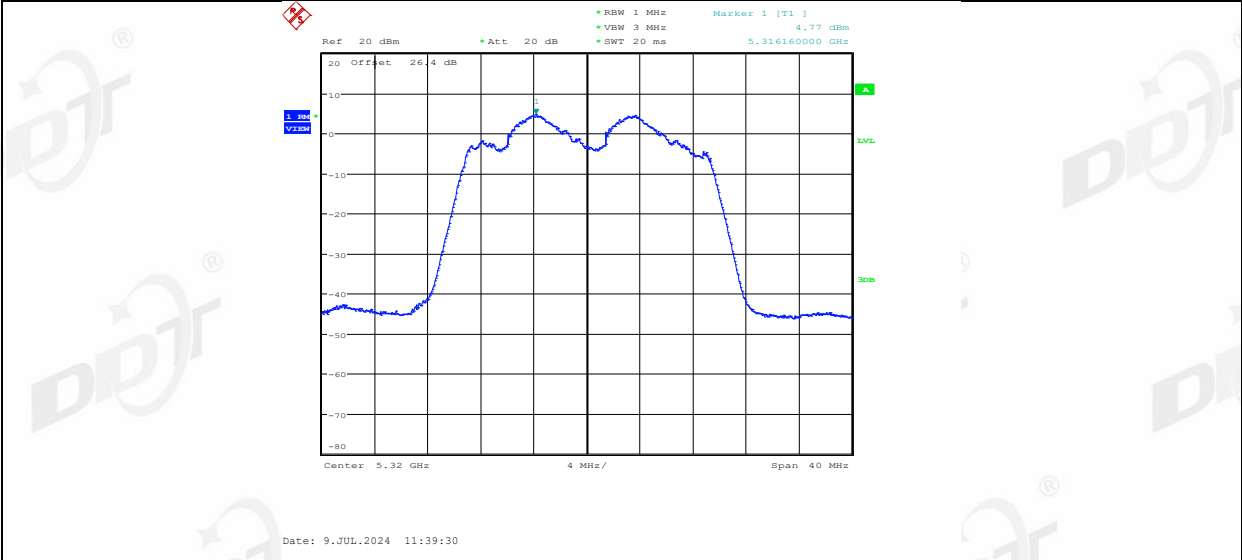
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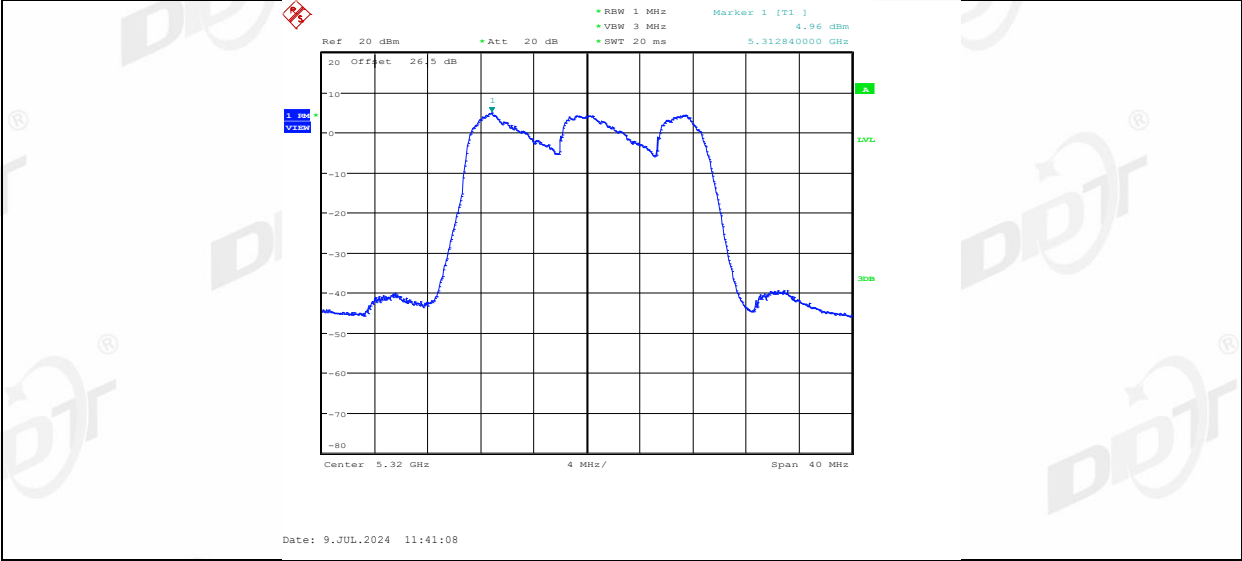
11AC20MIMO_Ant2_5280



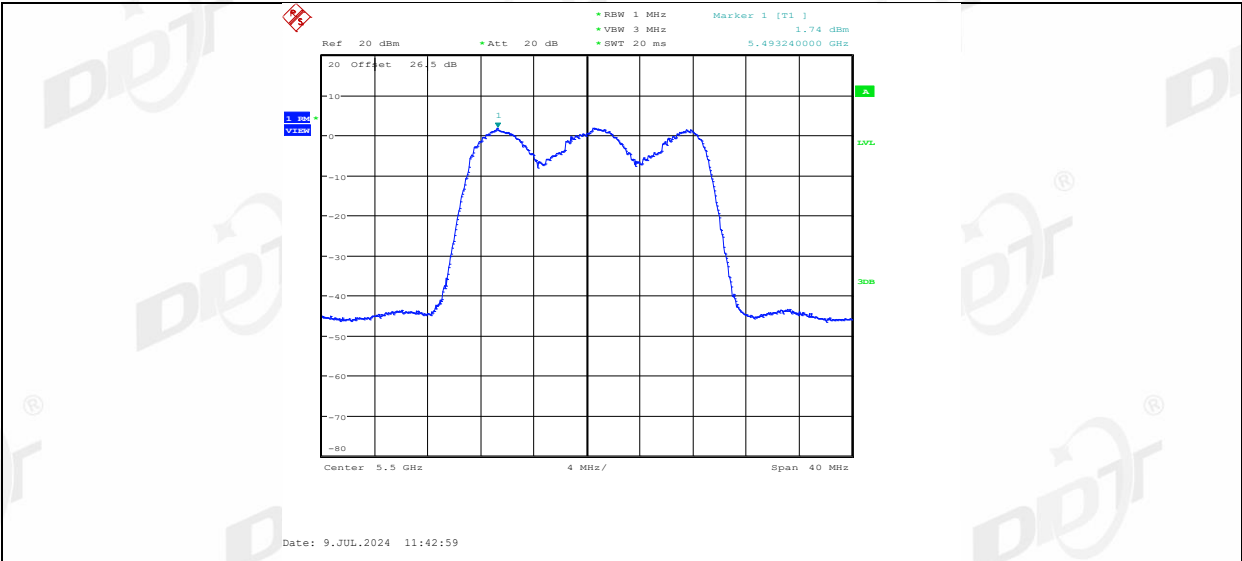
11AC20MIMO_Ant1_5320



11AC20MIMO_Ant2_5320



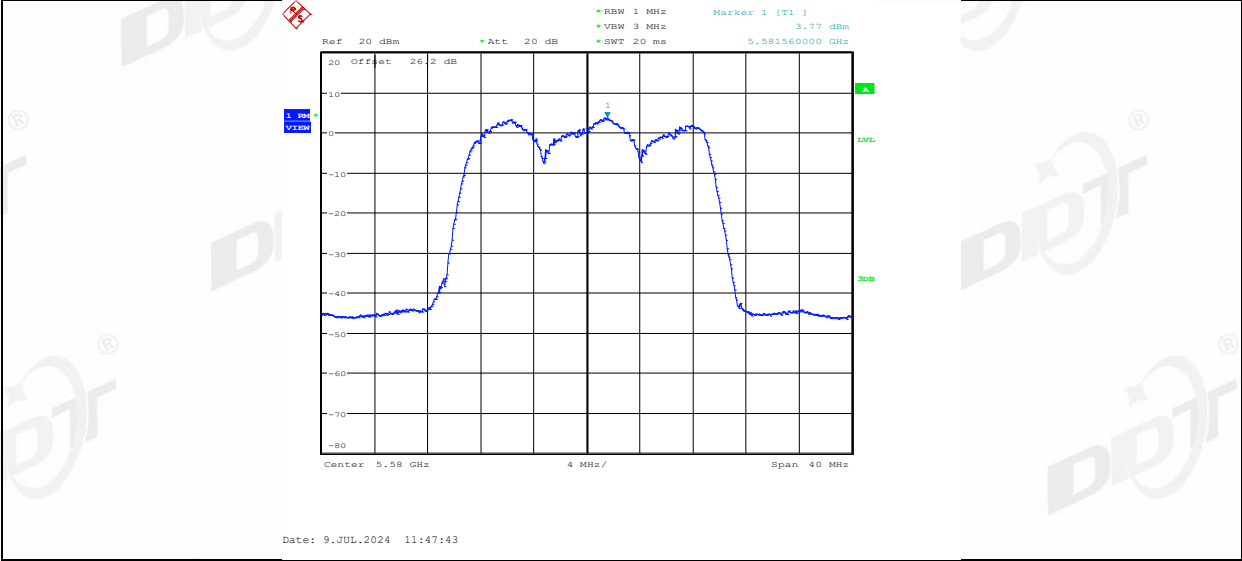
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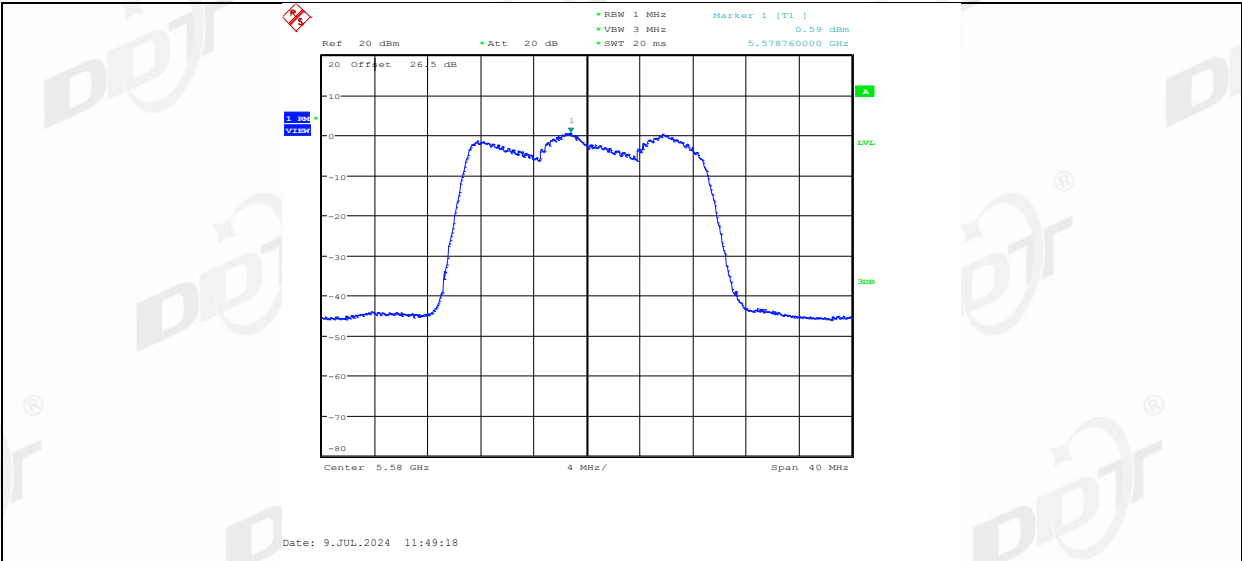
11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580



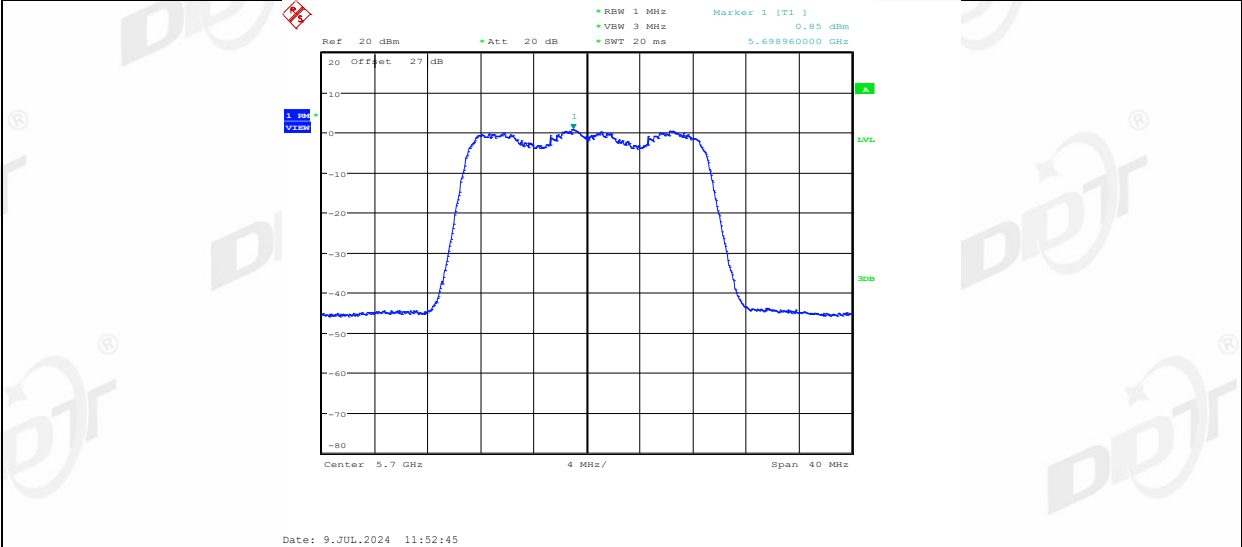
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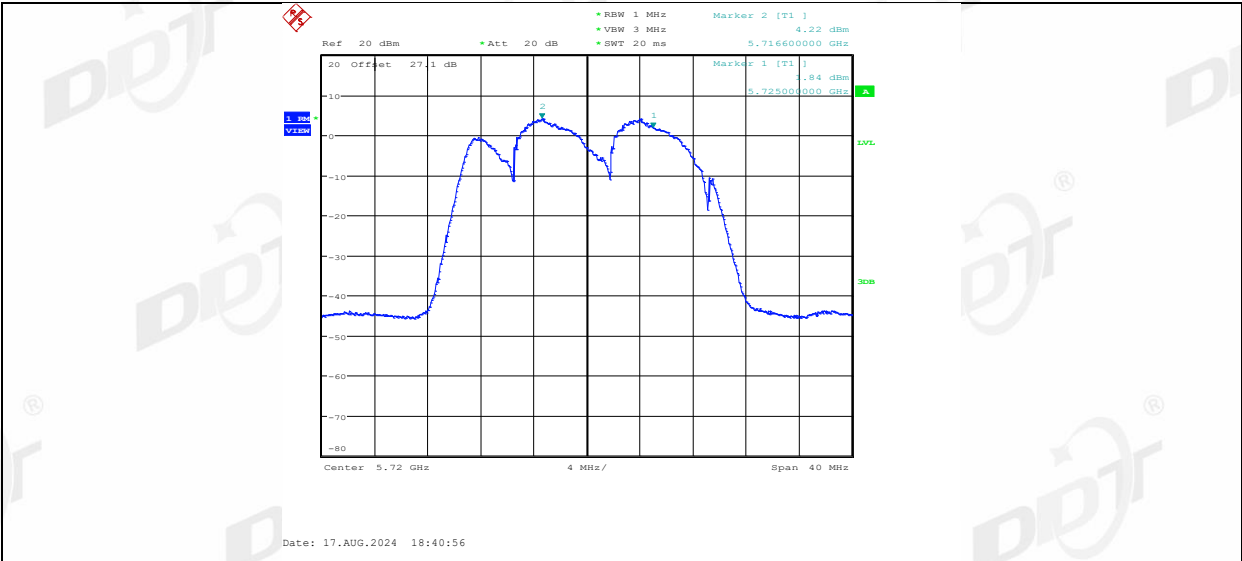
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11AC20MIMO_Ant2_5700



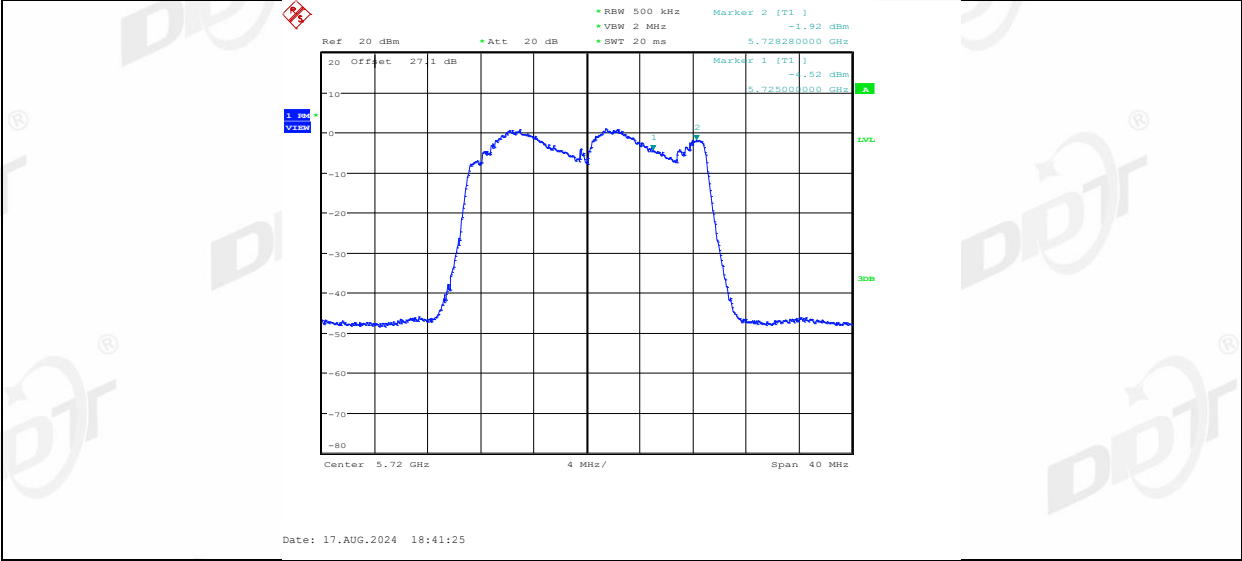
11AC20MIMO_Ant1_5720_UNII-2C



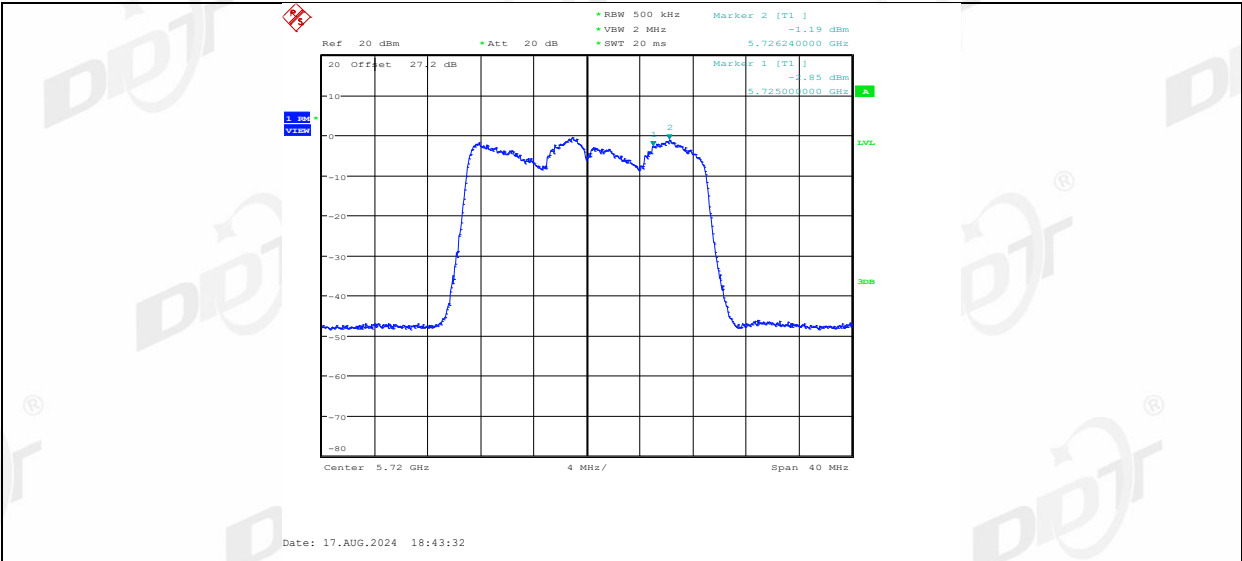
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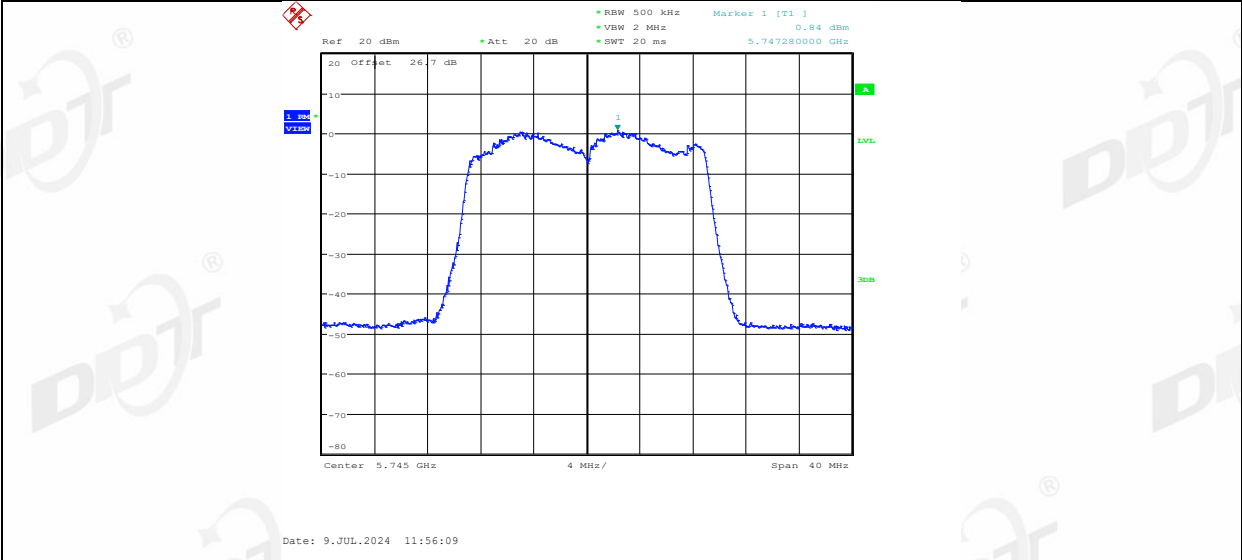
11AC20MIMO_Ant1_5720_UNII-3



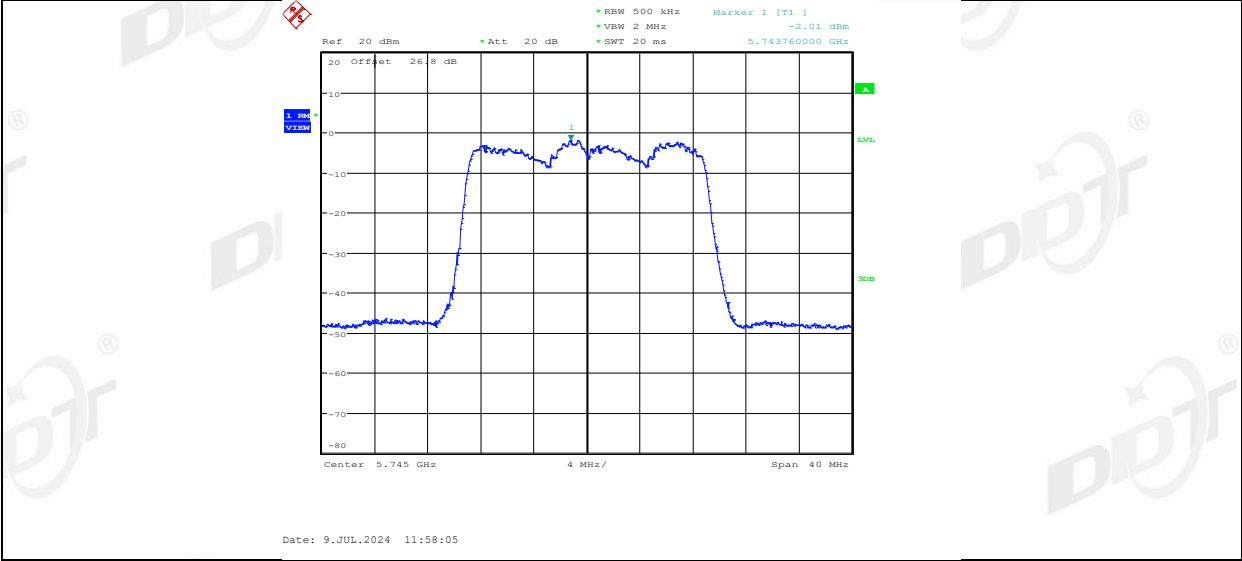
11AC20MIMO_Ant2_5720_UNII-3



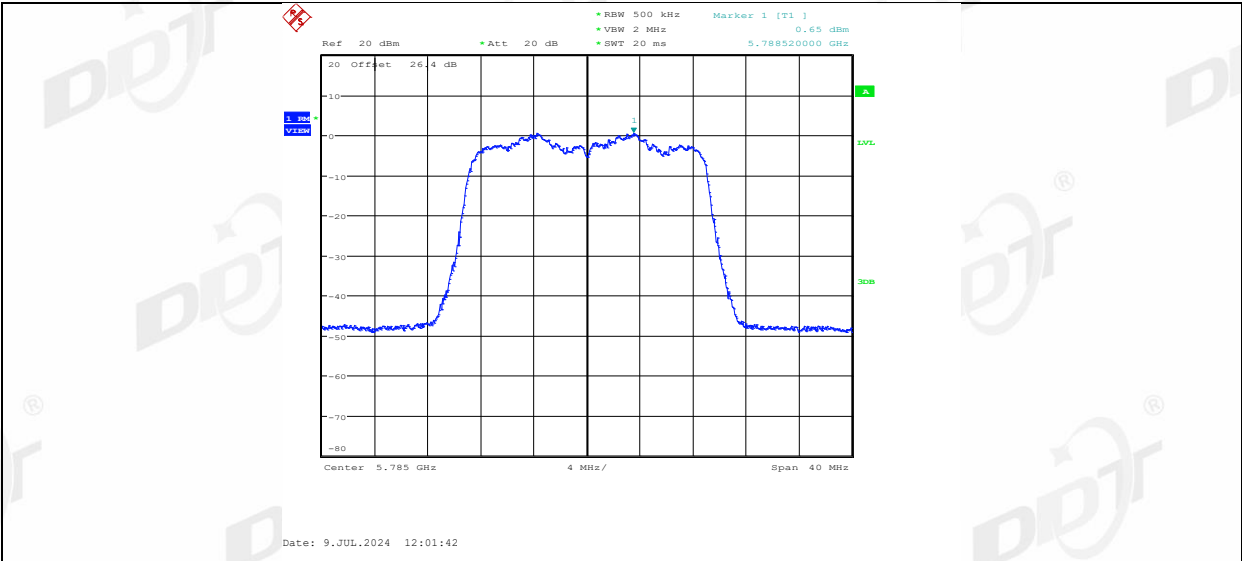
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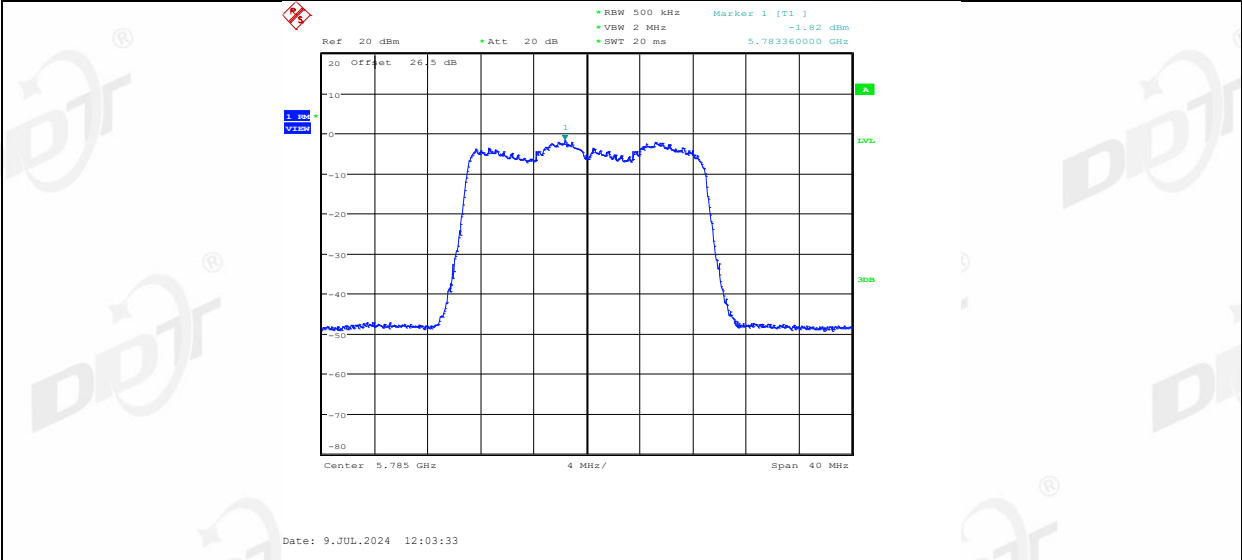
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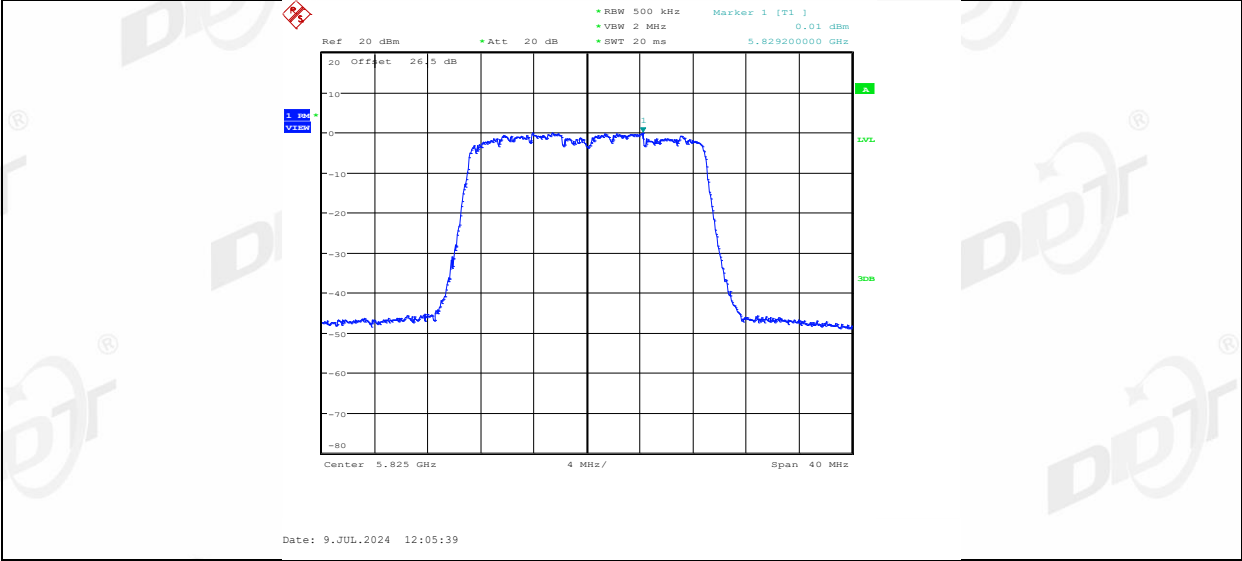
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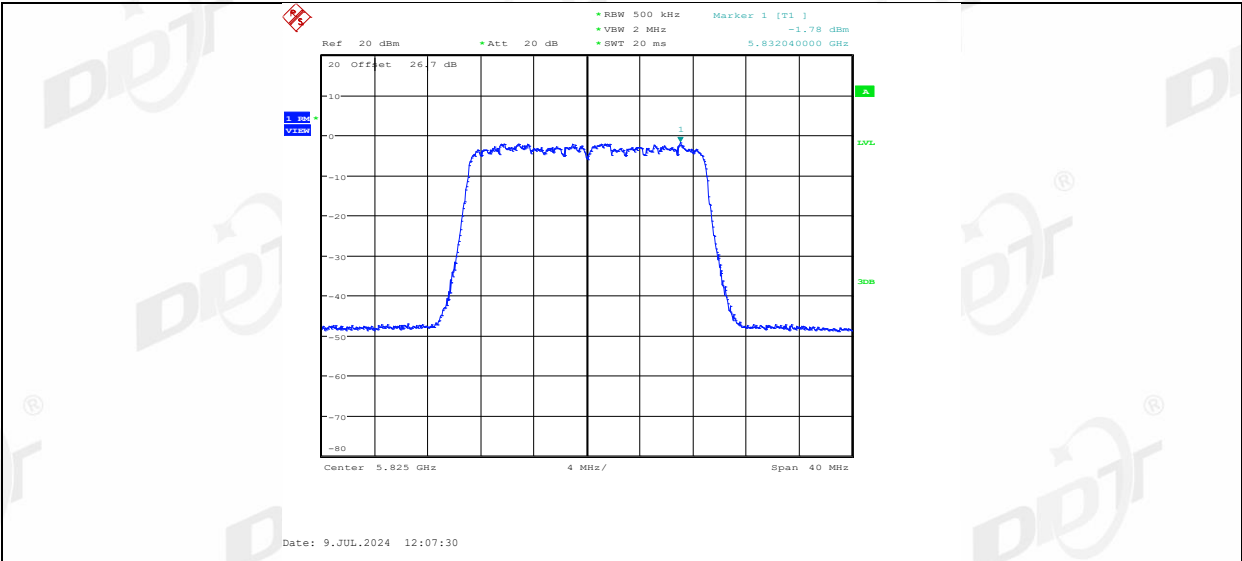
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11AC20MIMO_Ant1_5825



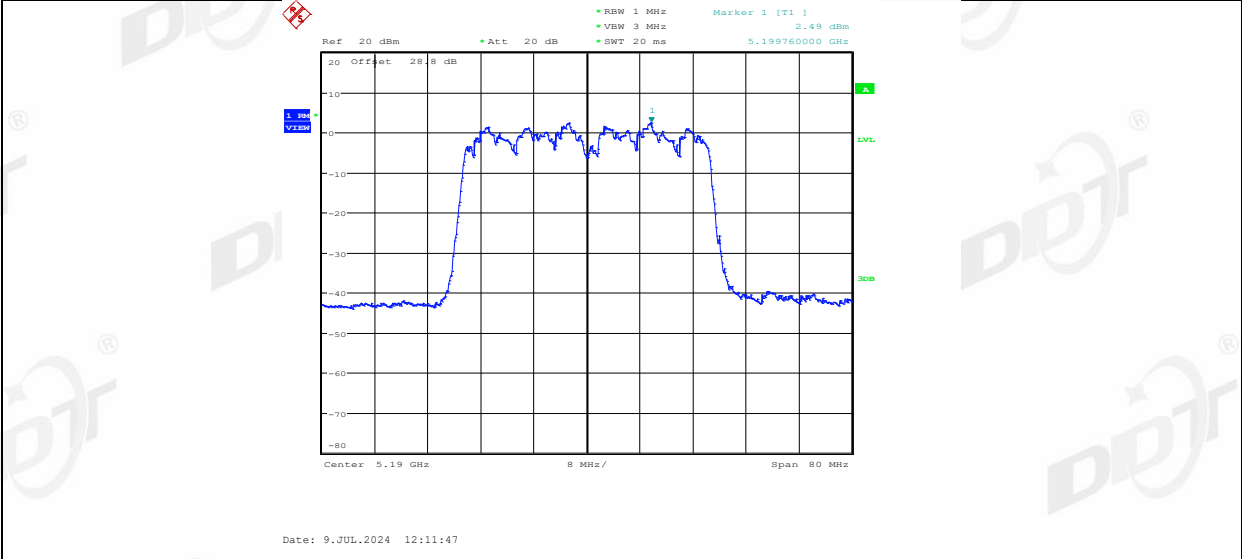
11AC20MIMO_Ant2_5825



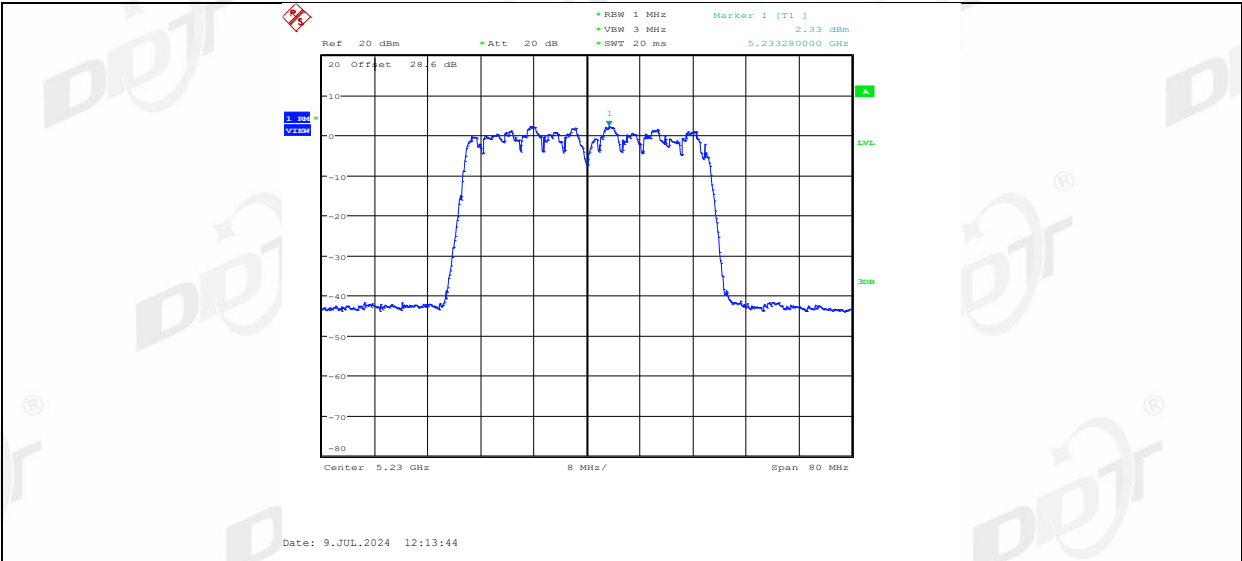
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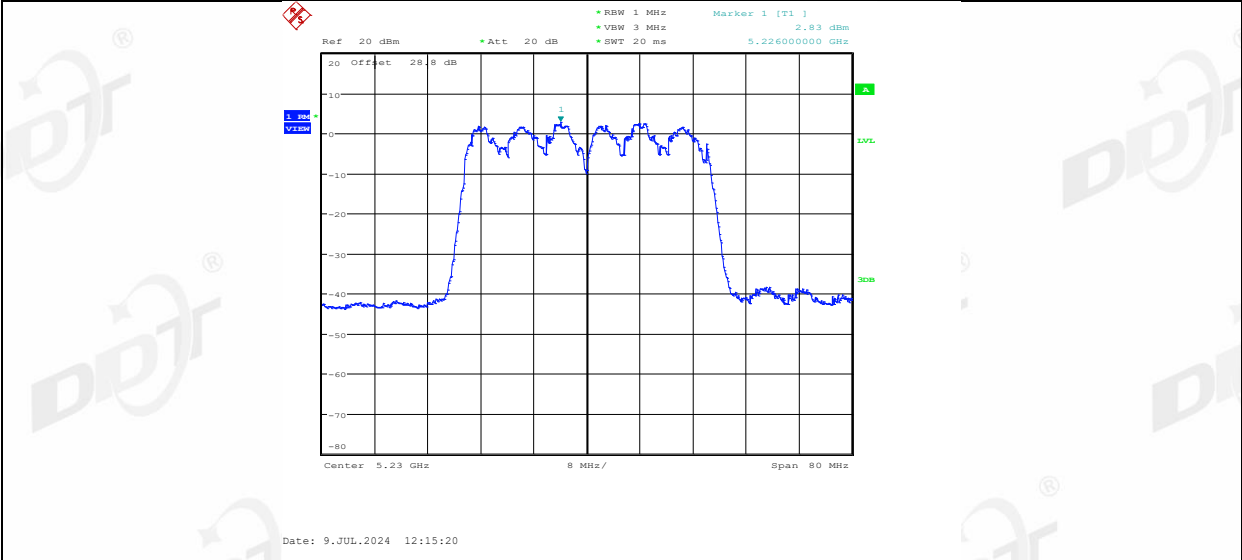
11AC40MIMO_Ant2_5190



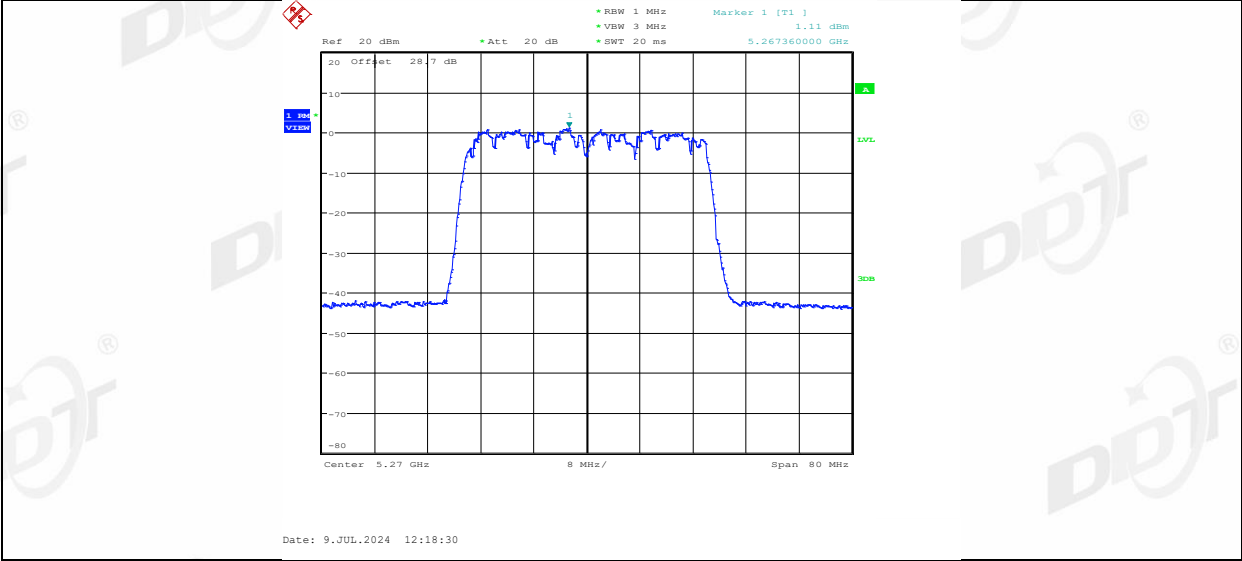
11AC40MIMO_Ant1_5230



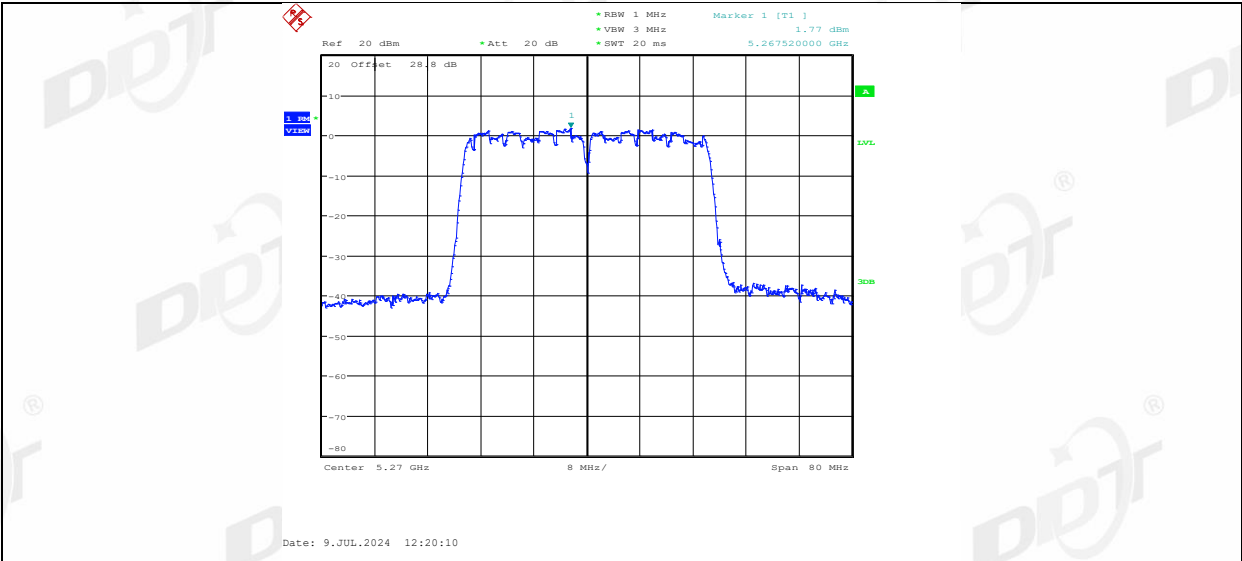
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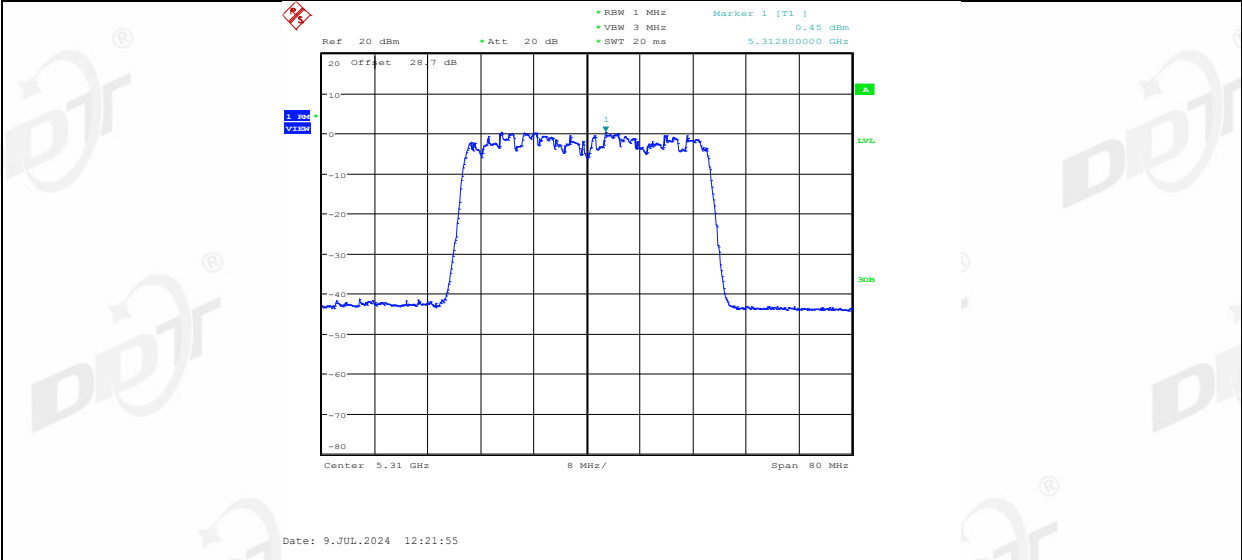
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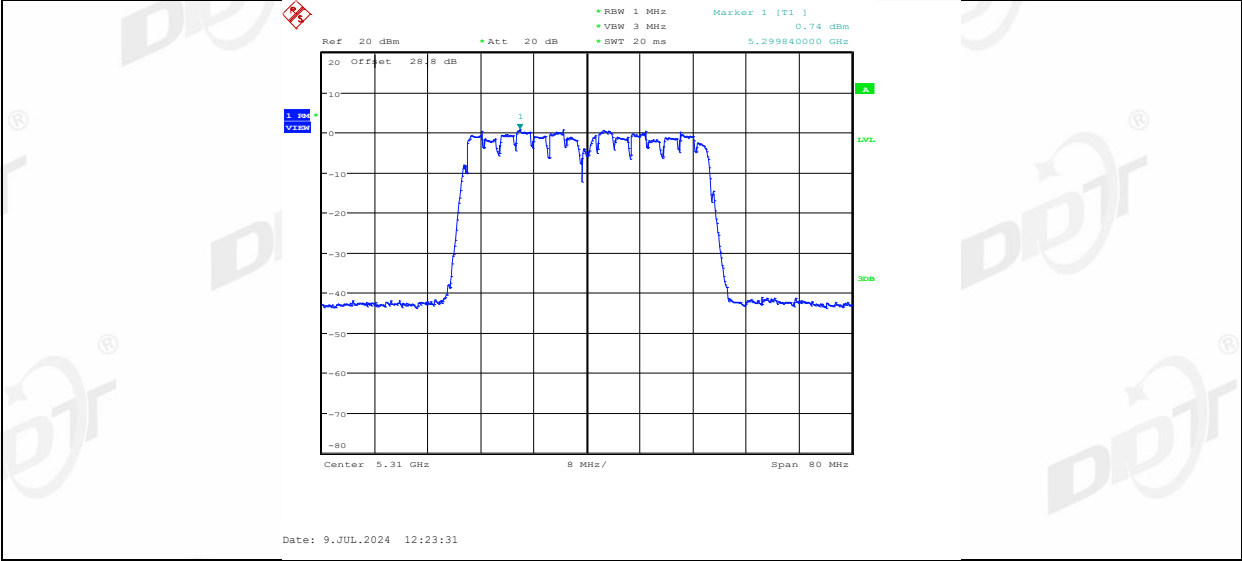
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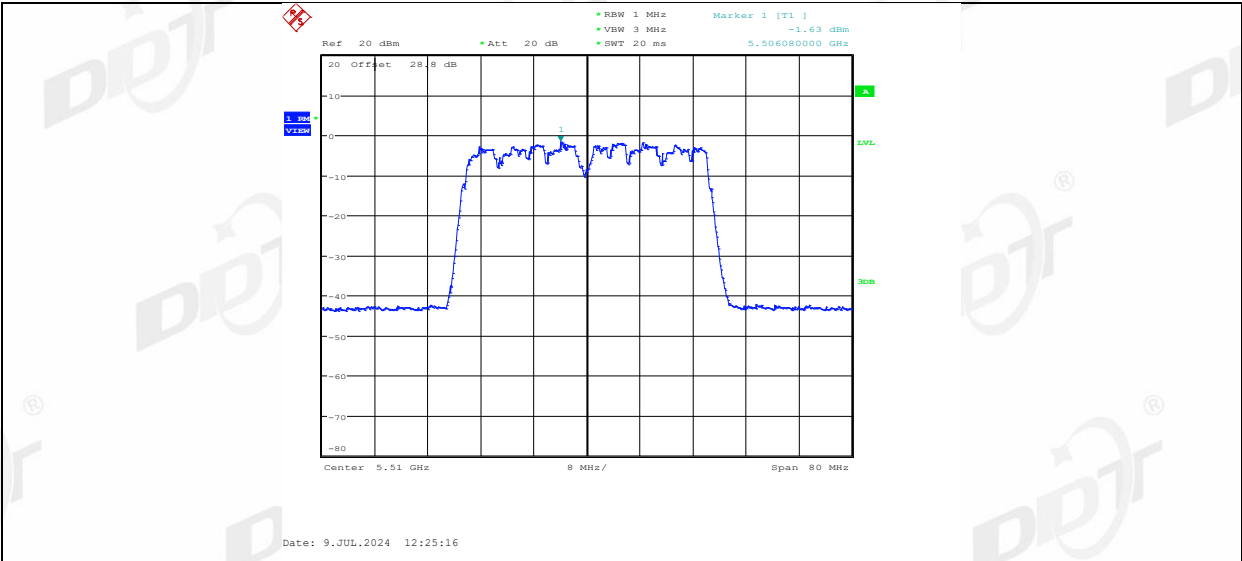
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11AC40MIMO_Ant2_5310



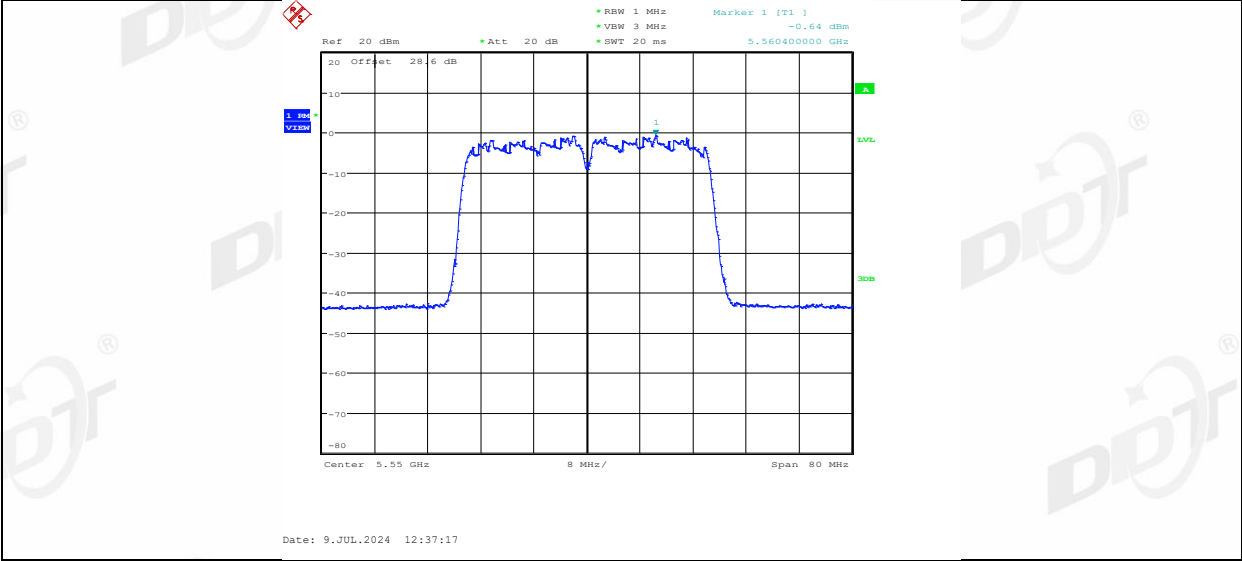
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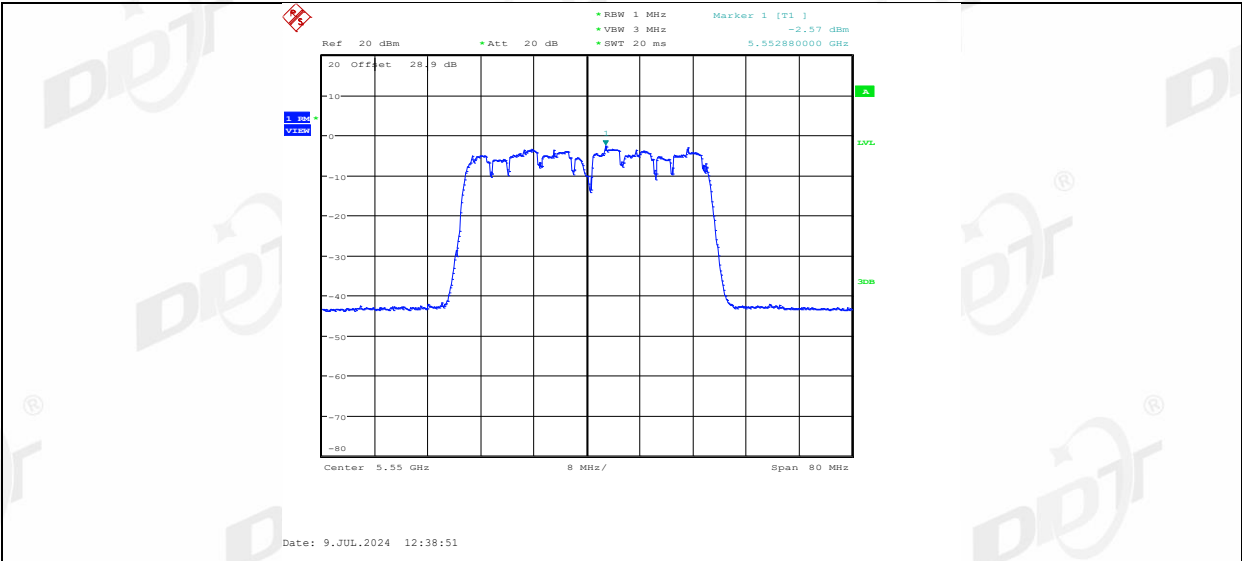
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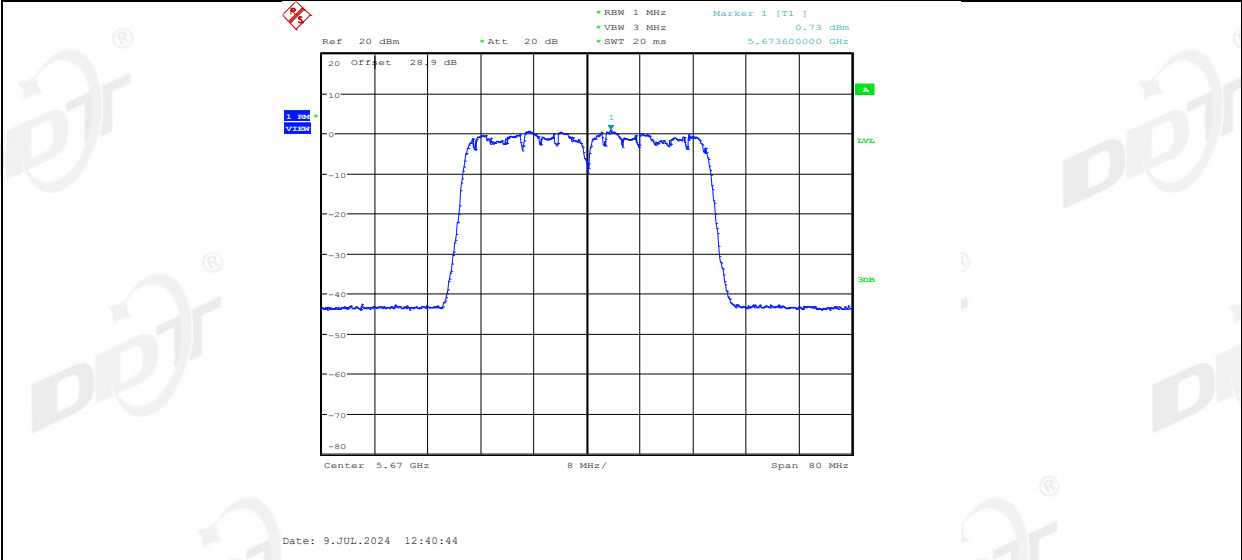
11AC40MIMO_Ant1_5550



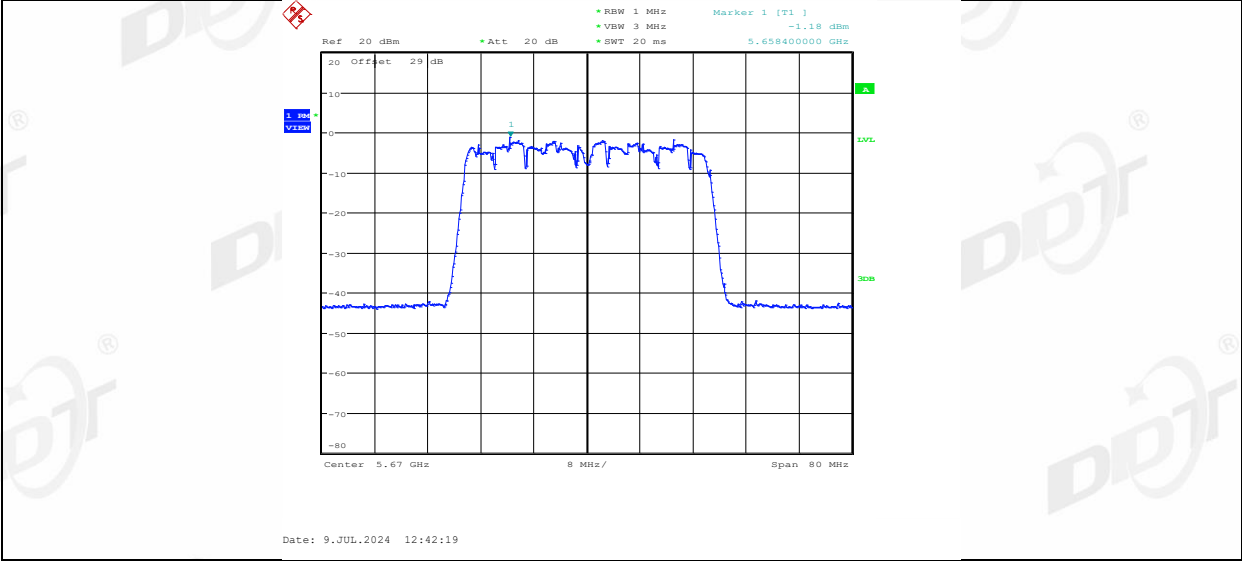
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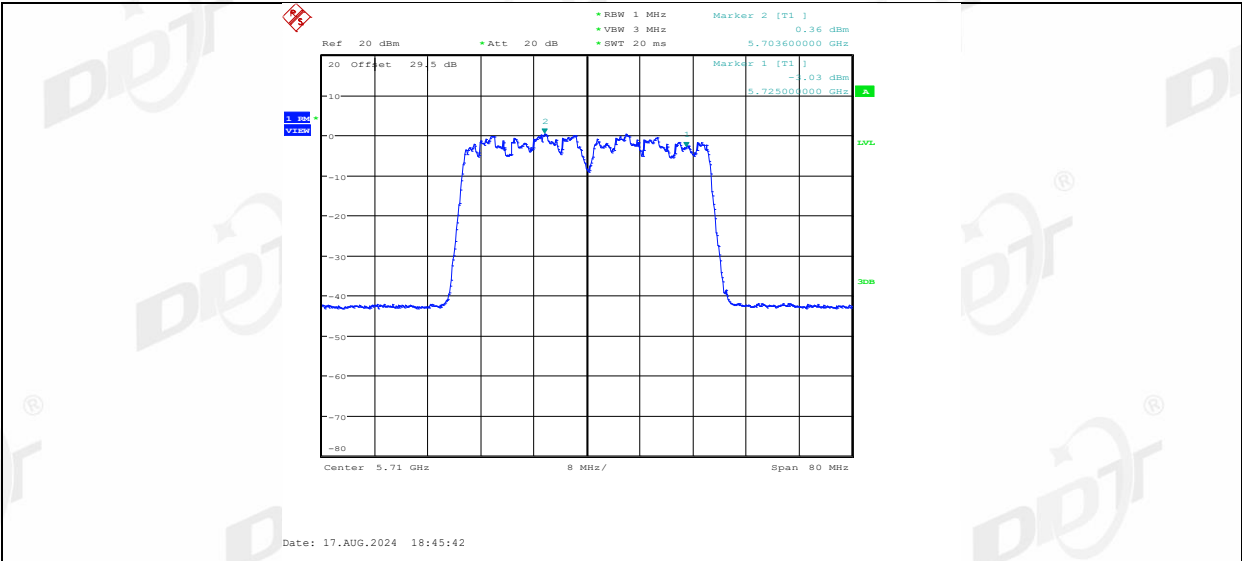
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11AC40MIMO_Ant2_5670



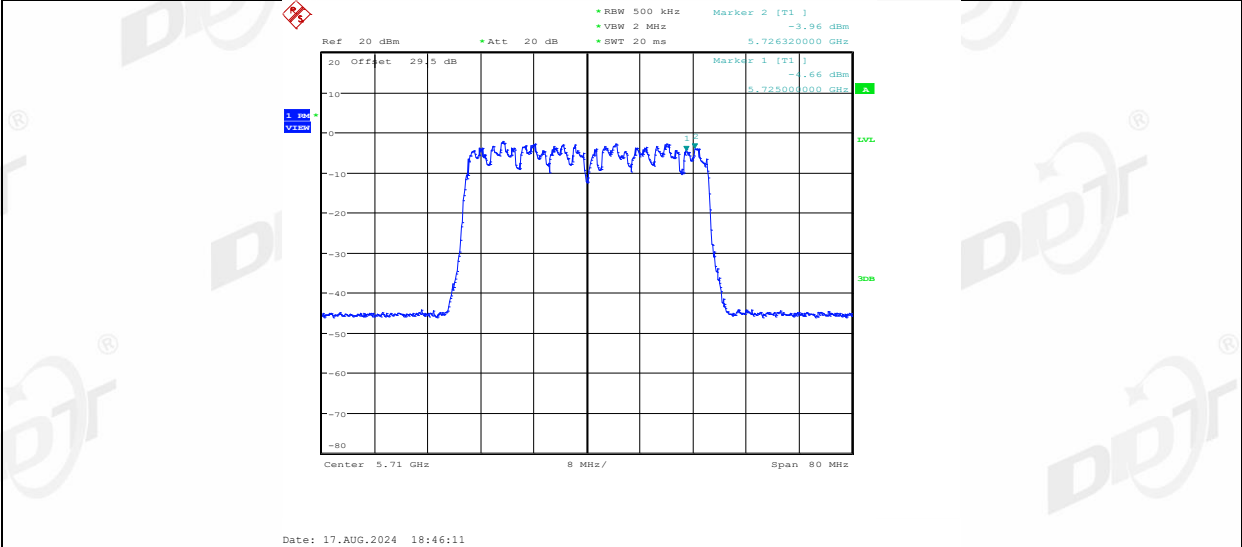
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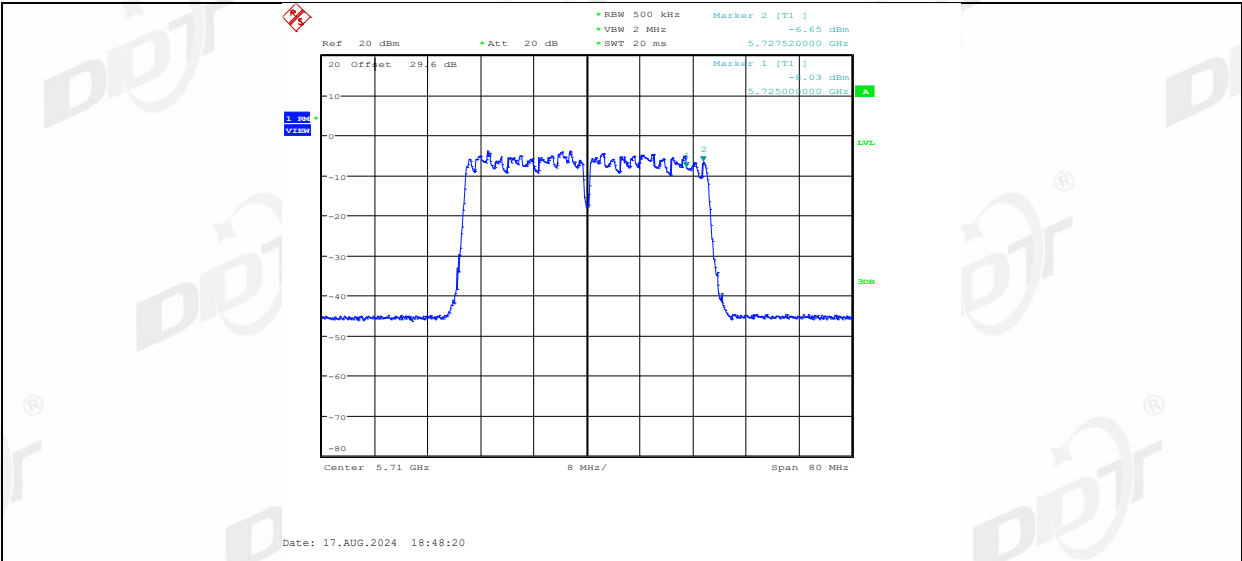
11AC40MIMO_Ant2_5710_UNII-2C



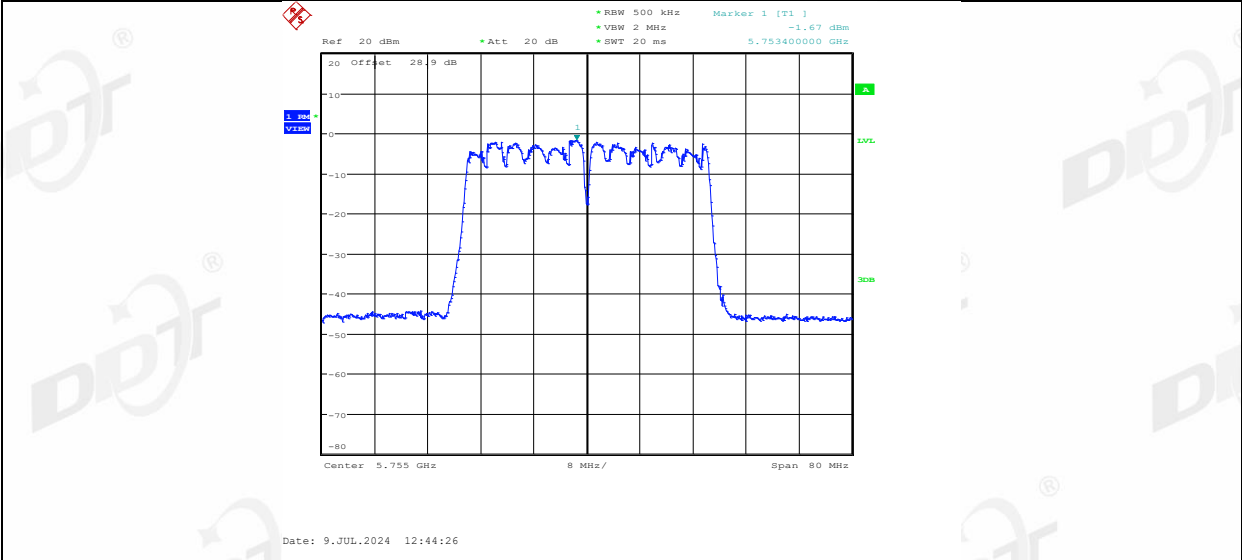
11AC40MIMO_Ant1_5710_UNII-3



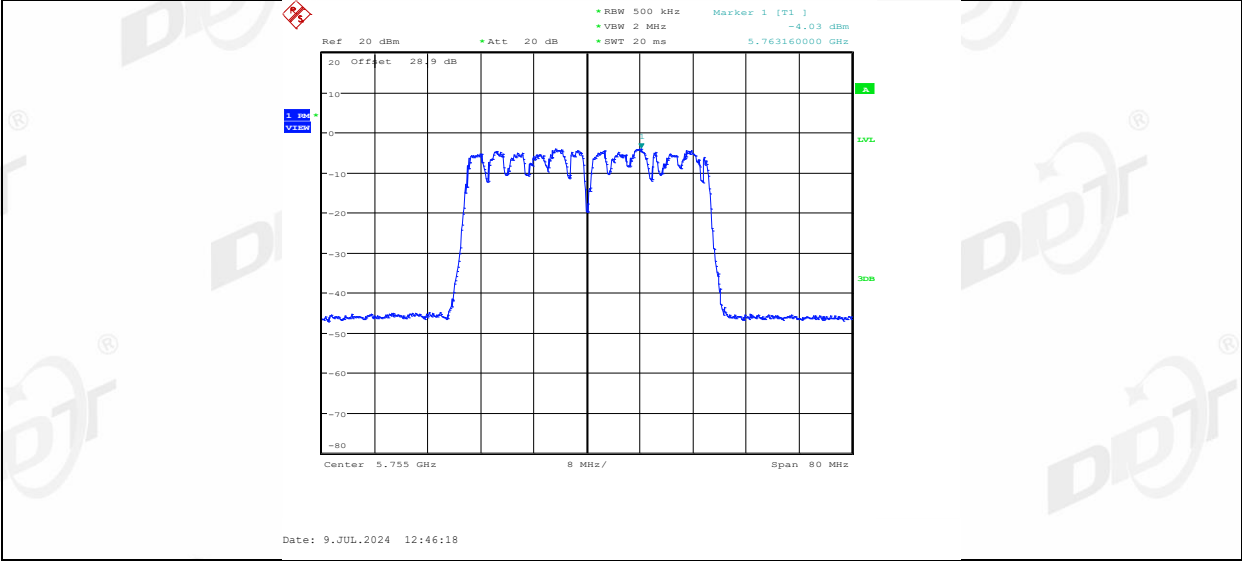
11AC40MIMO_Ant2_5710_UNII-3



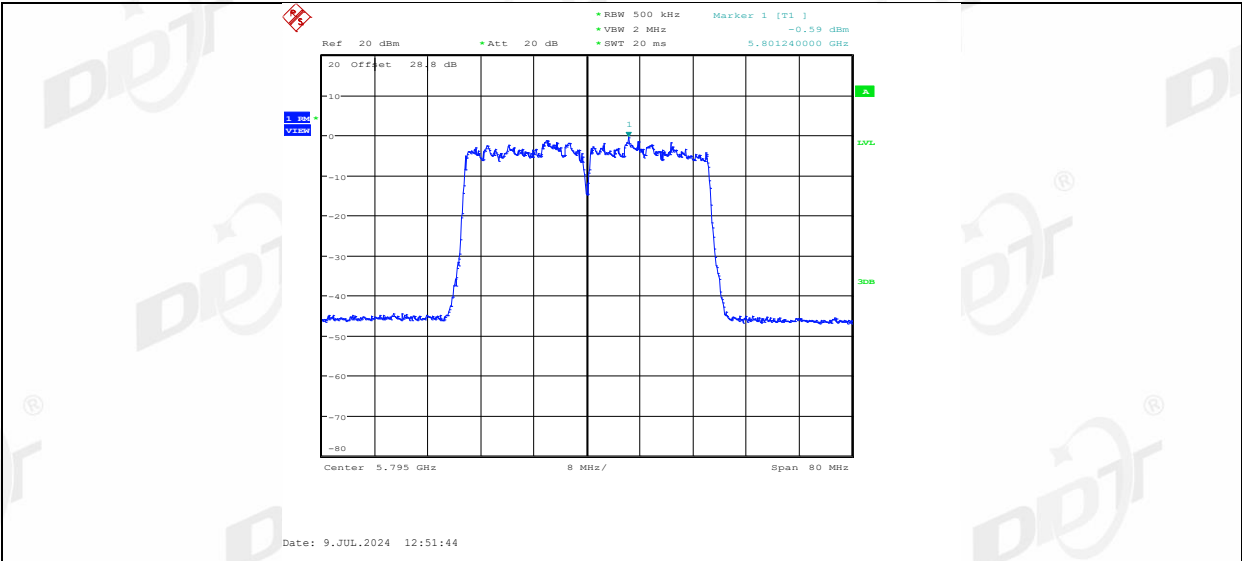
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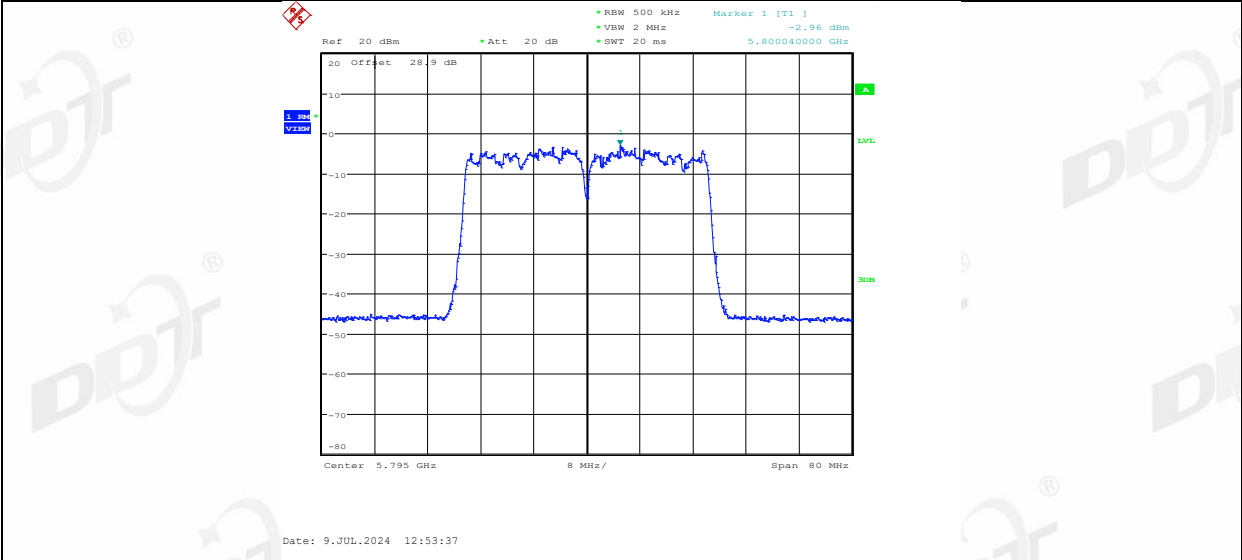
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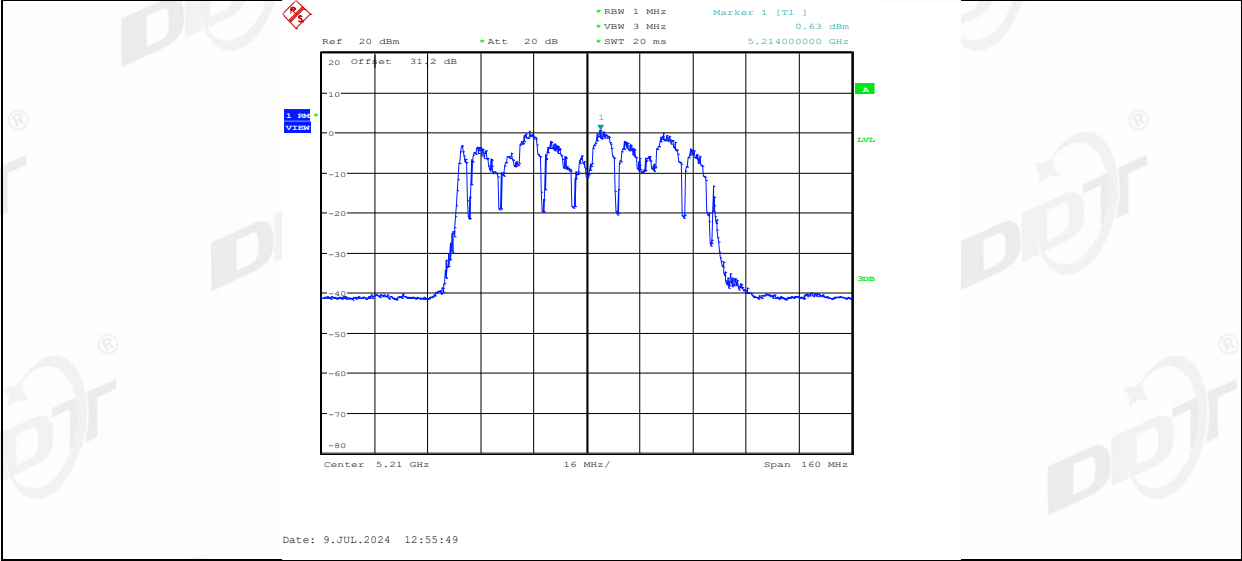
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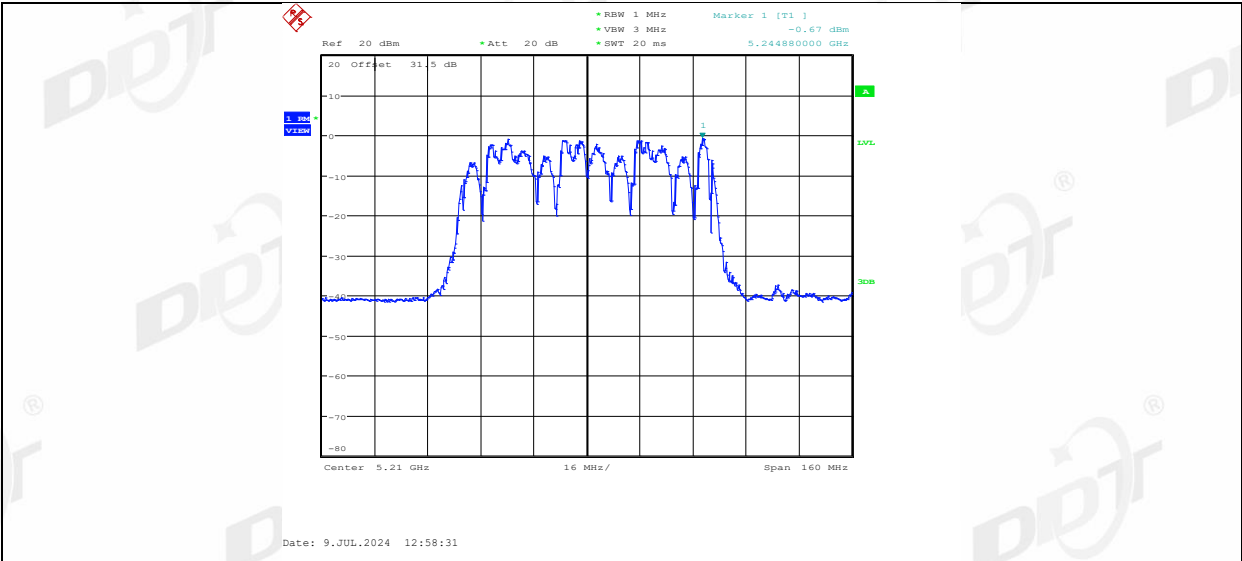
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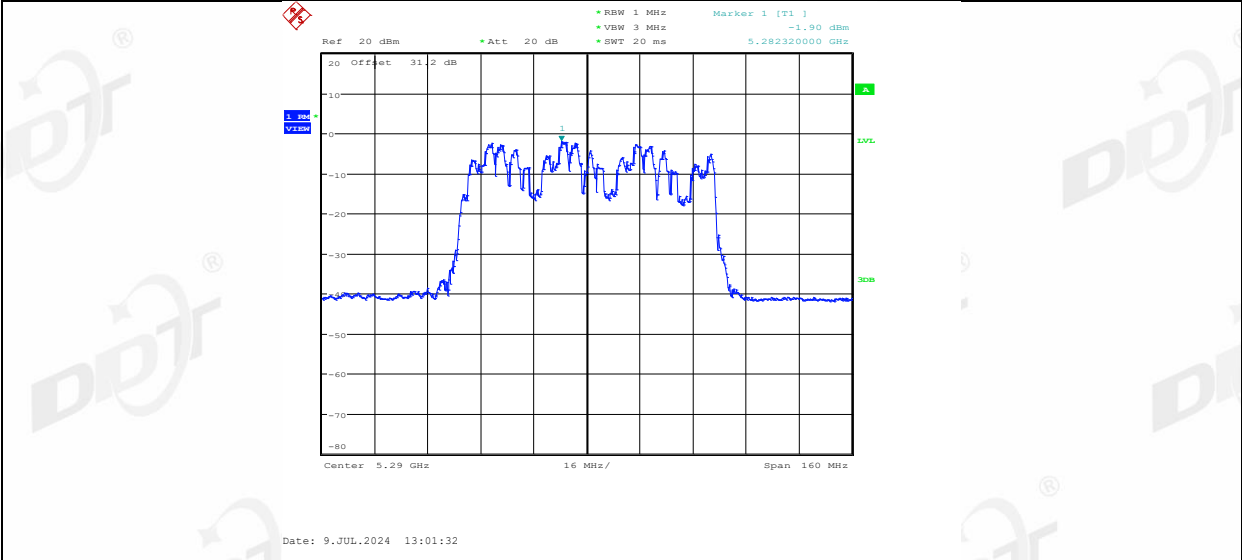
11AC80MIMO_Ant1_5210



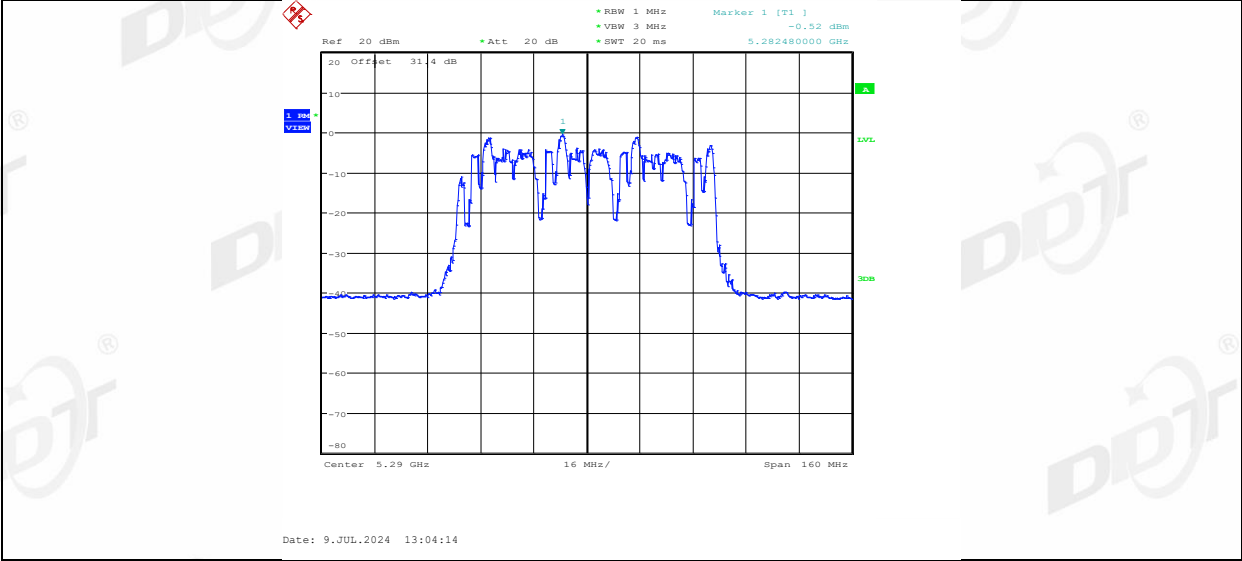
11AC80MIMO_Ant2_5210



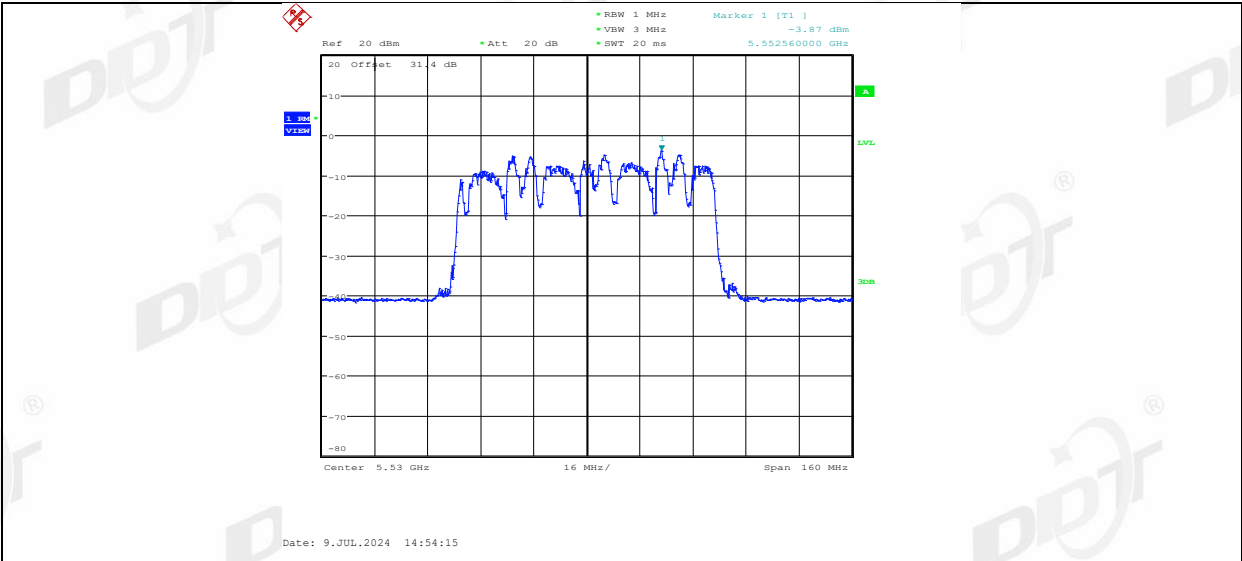
11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290



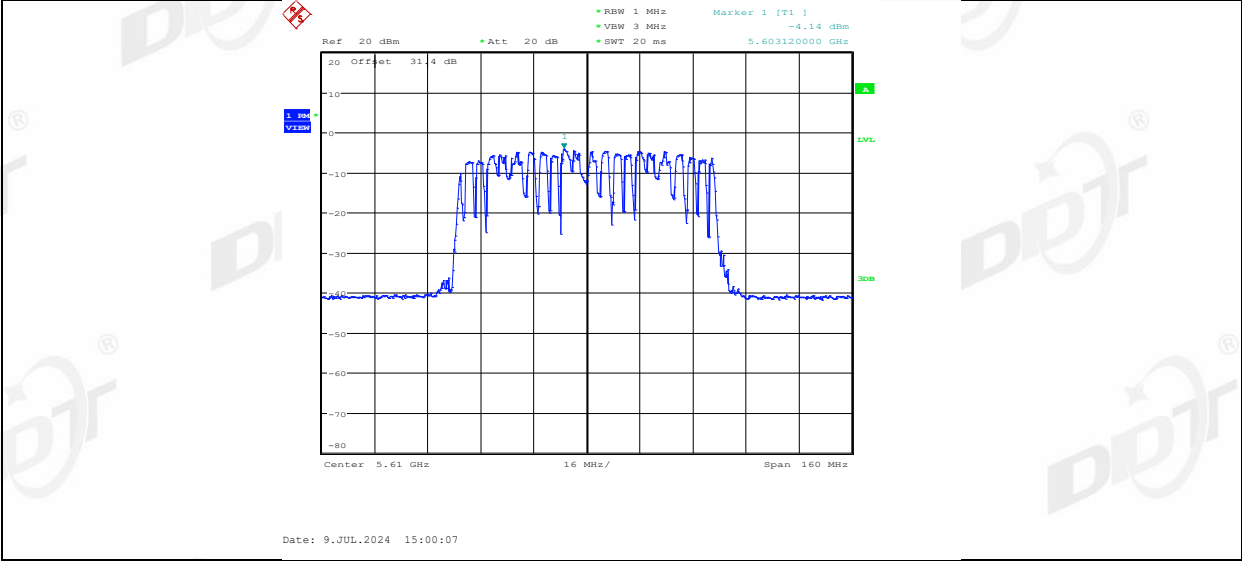
11AC80MIMO_Ant1_5530



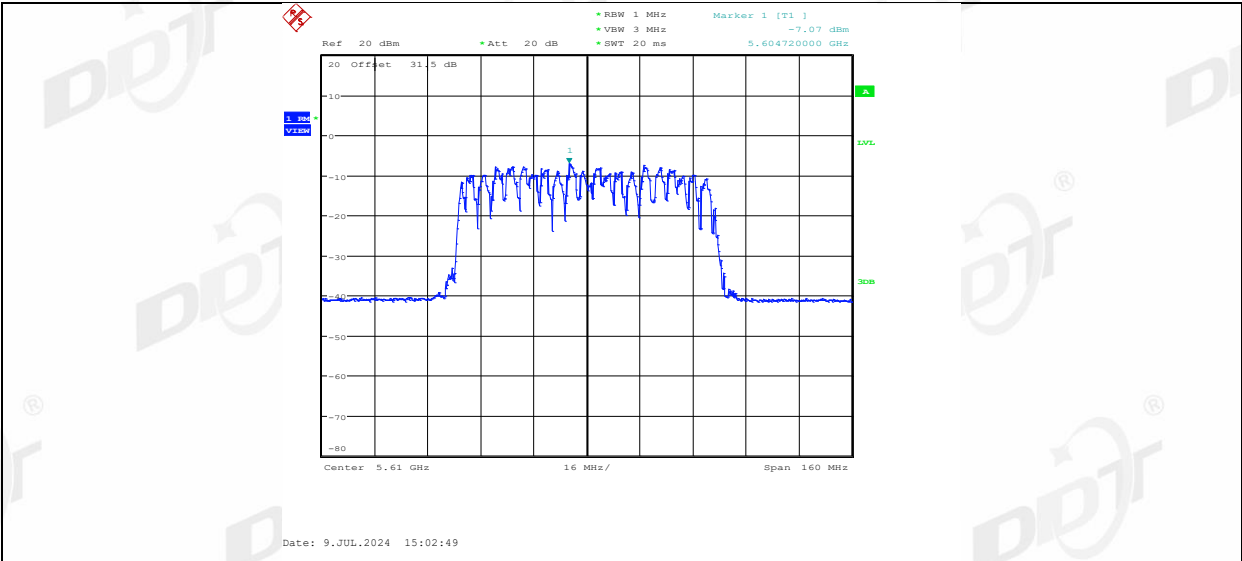
11AC80MIMO_Ant2_5530



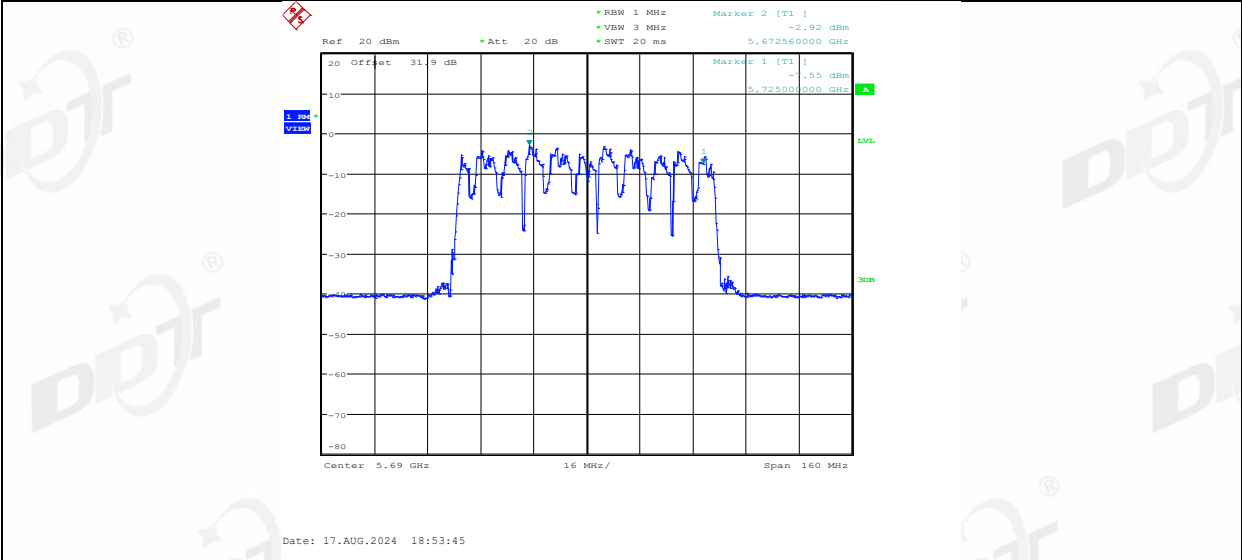
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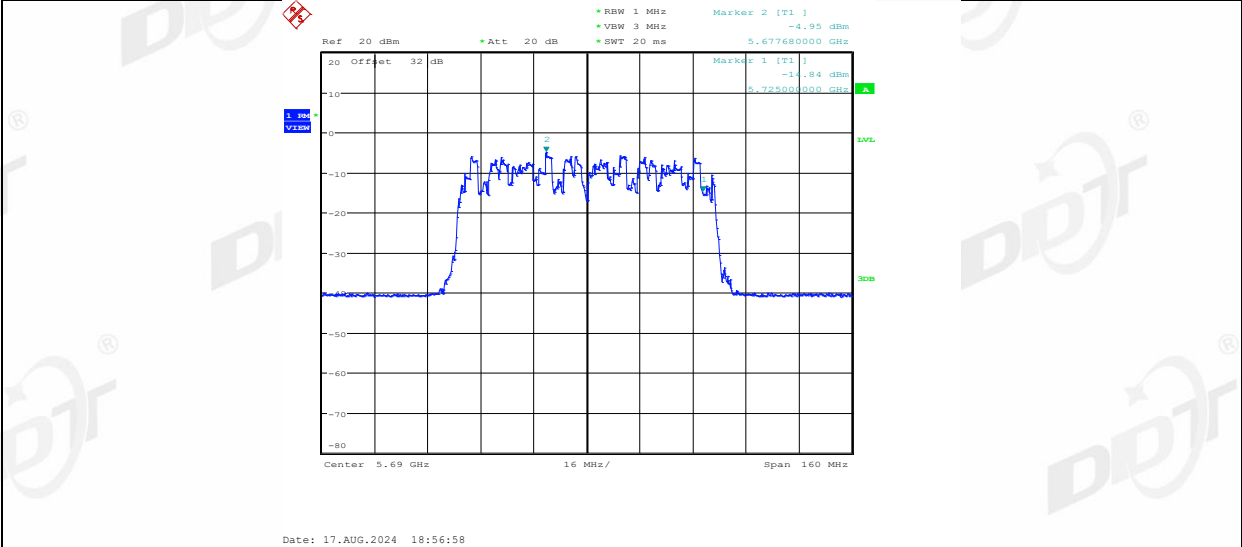
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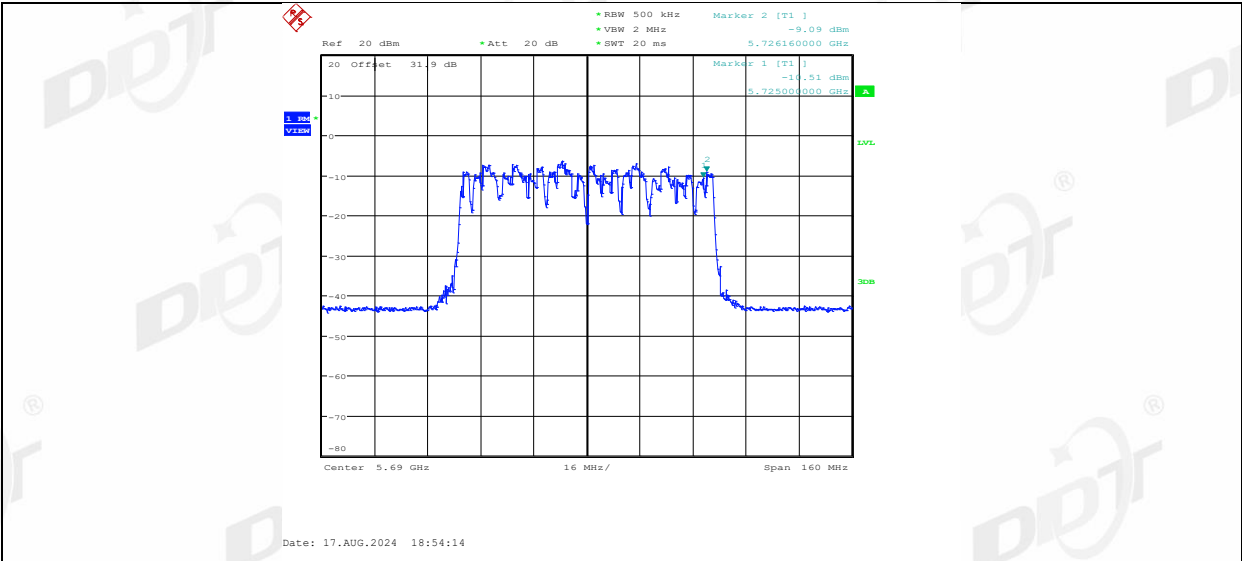
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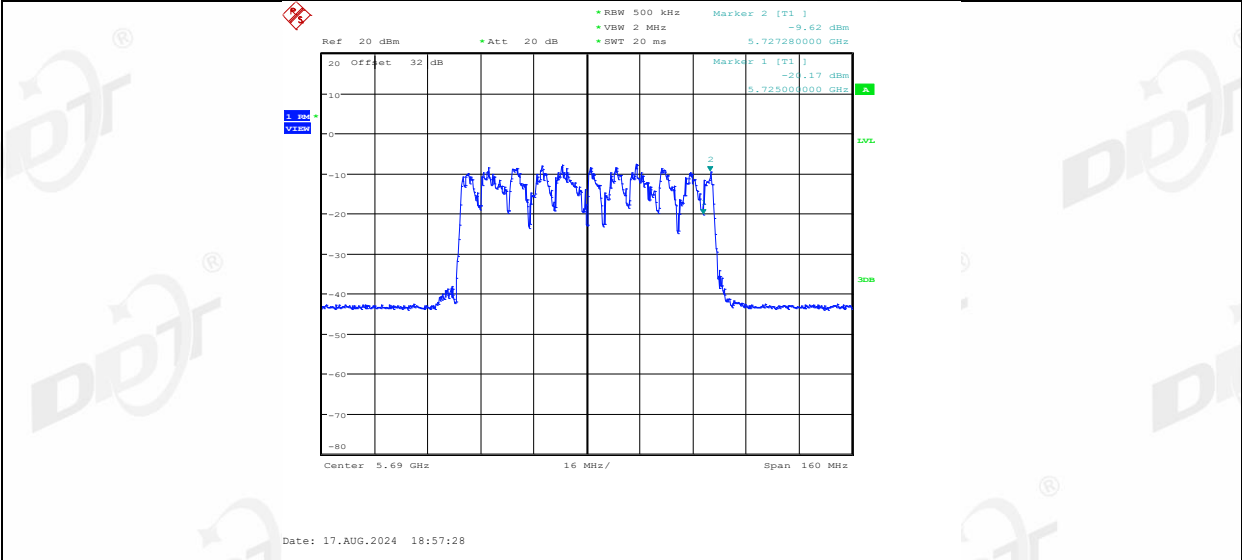
11AC80MIMO_Ant2_5690_UNII-2C



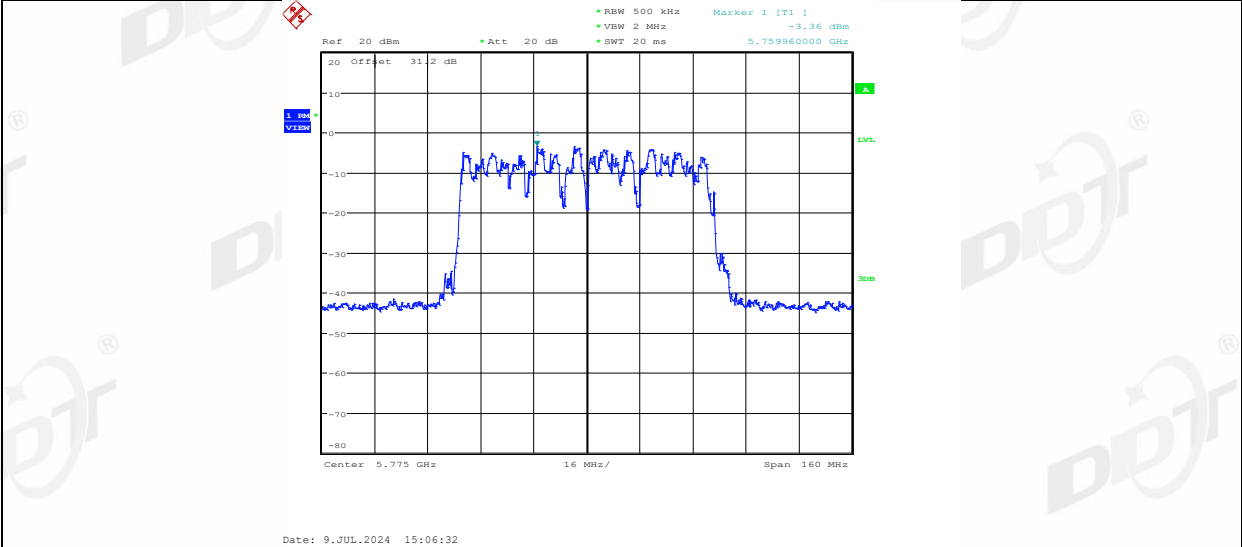
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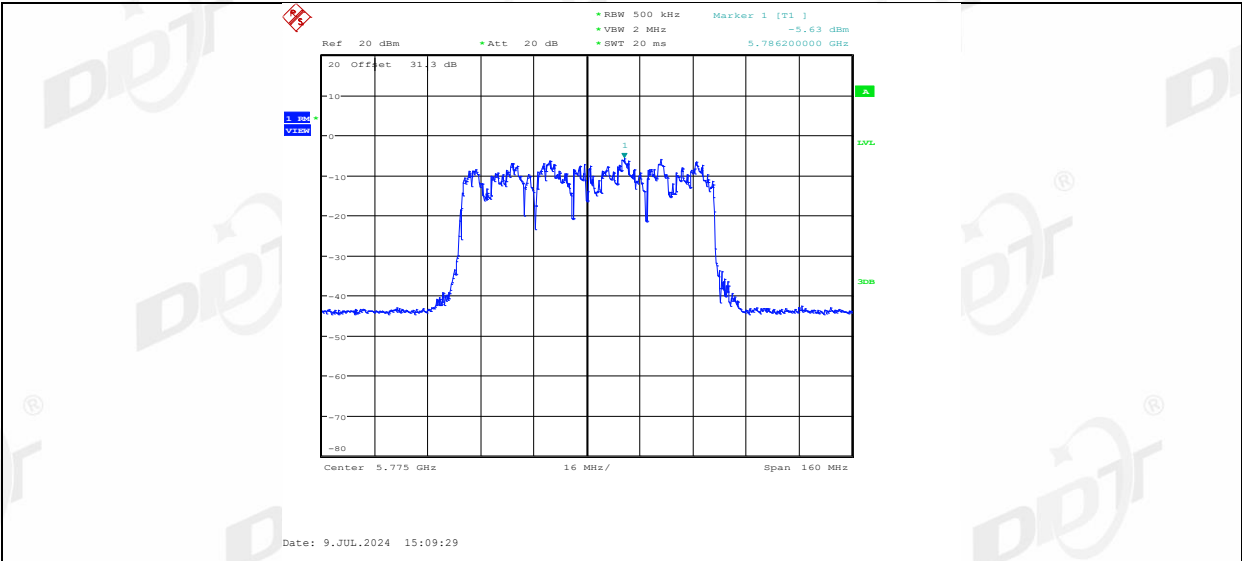
11AC80MIMO Ant2_5690_UNII-3



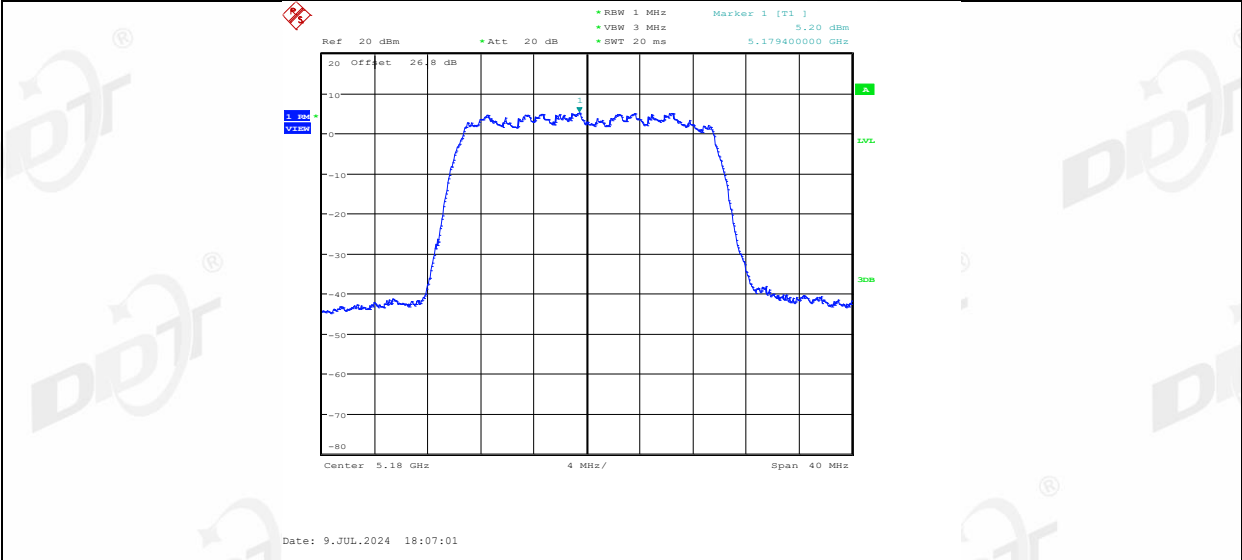
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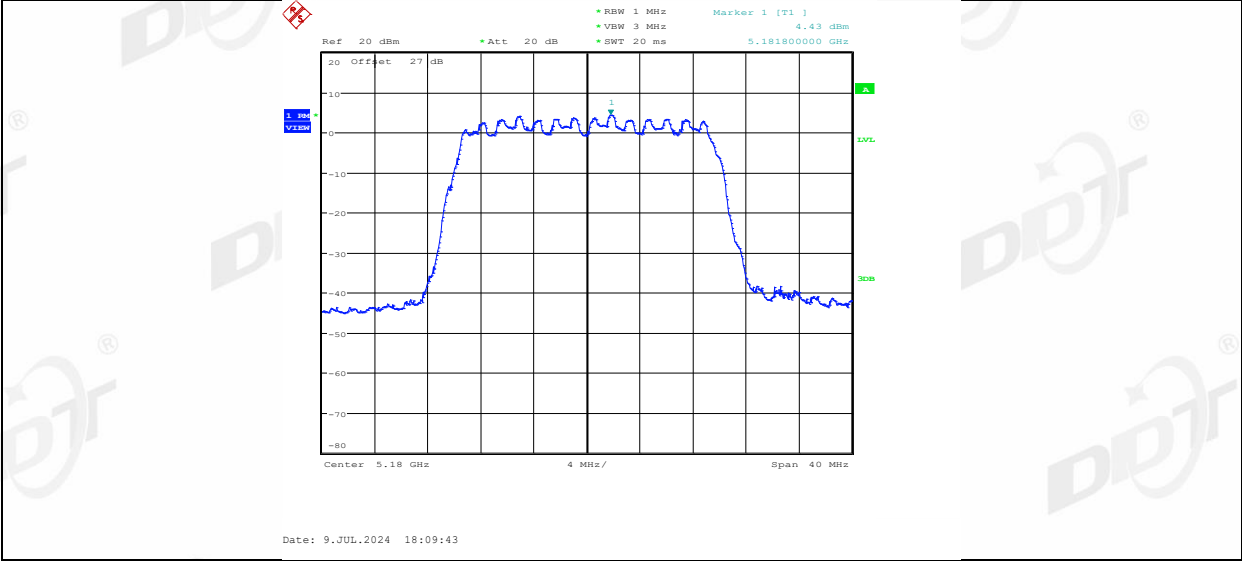
11AC80MIMO Ant2_5775



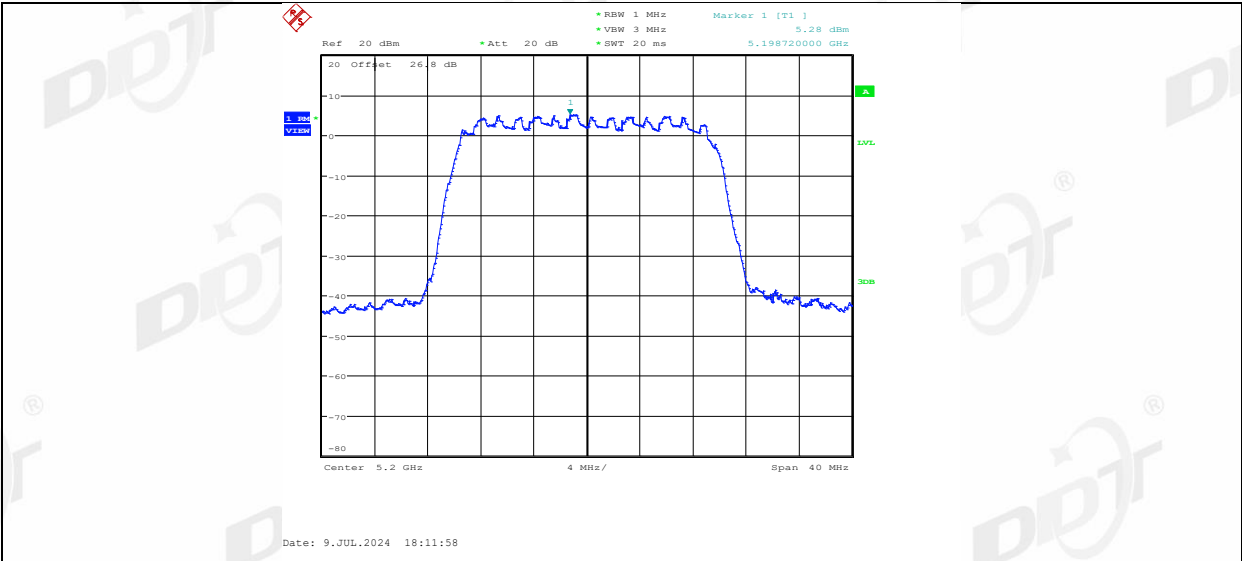
11AX20MIMO_Ant1_5180



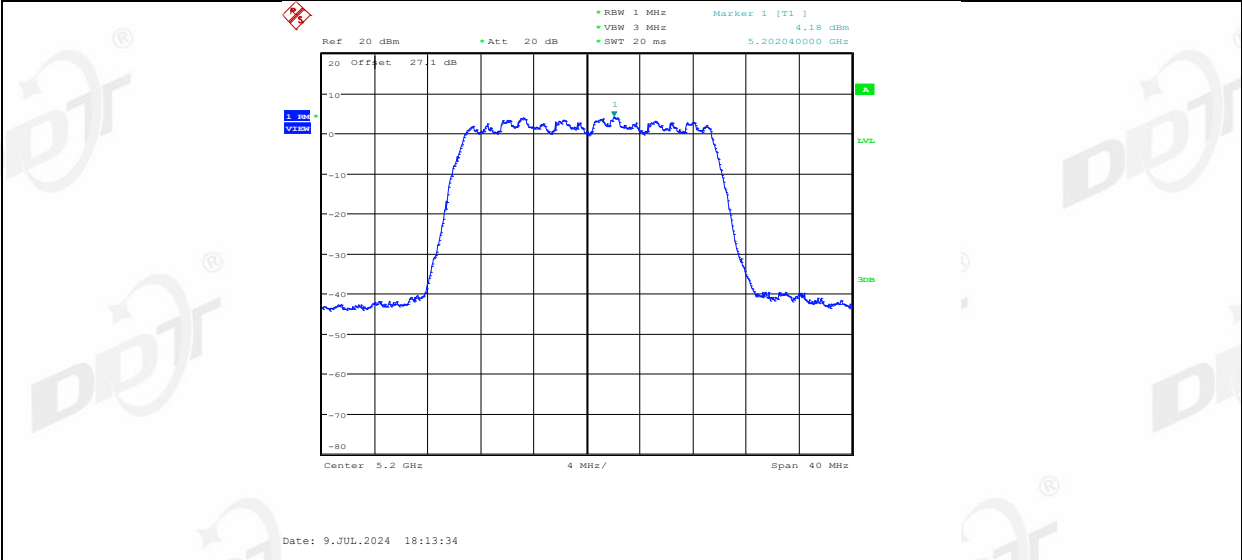
11AX20MIMO_Ant2_5180



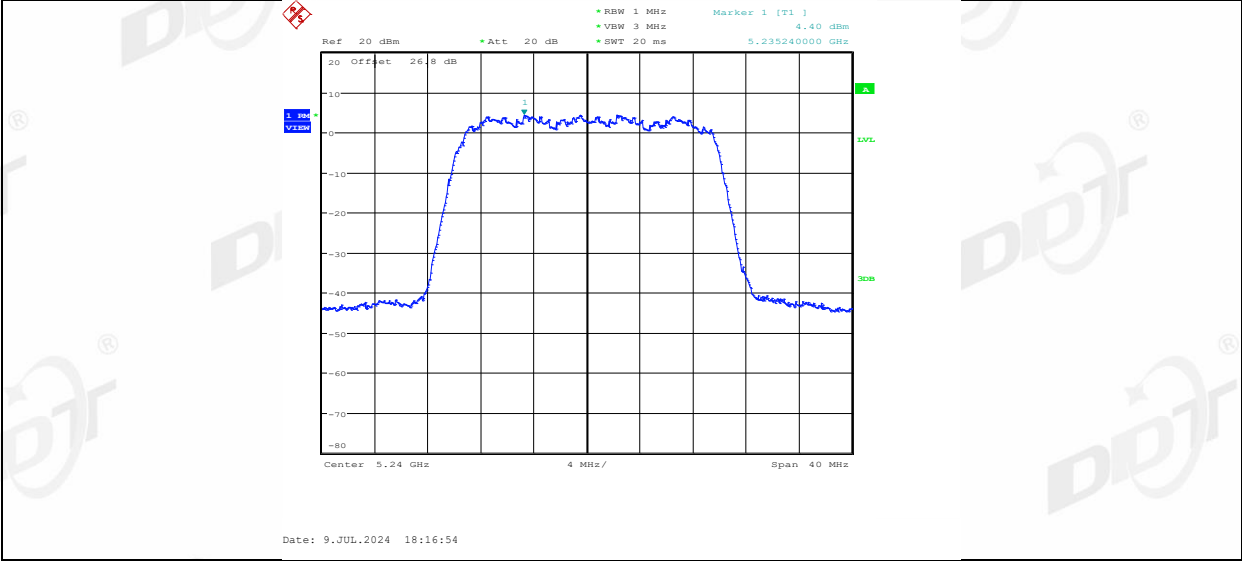
11AX20MIMO_Ant1_5200



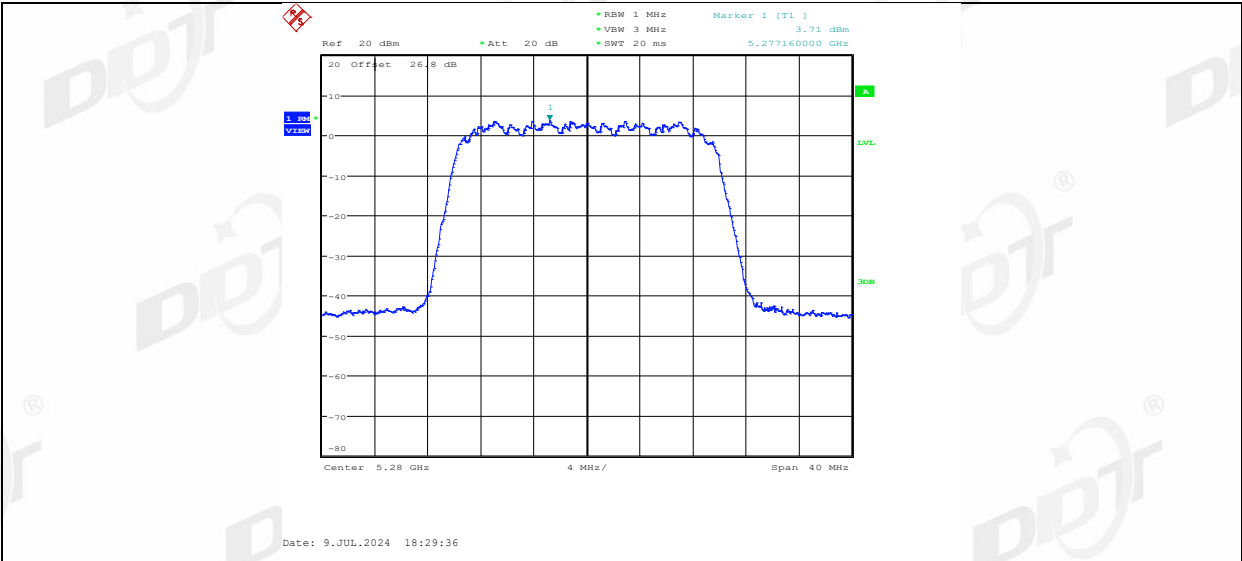
11AX20MIMO_Ant2_5200



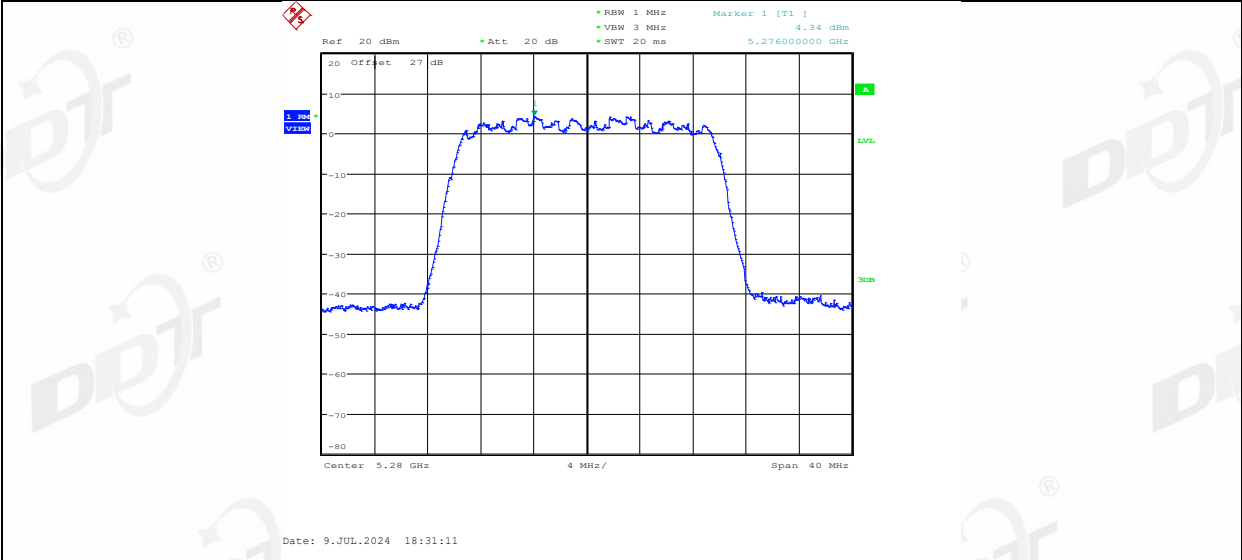
11AX20MIMO_Ant1_5240



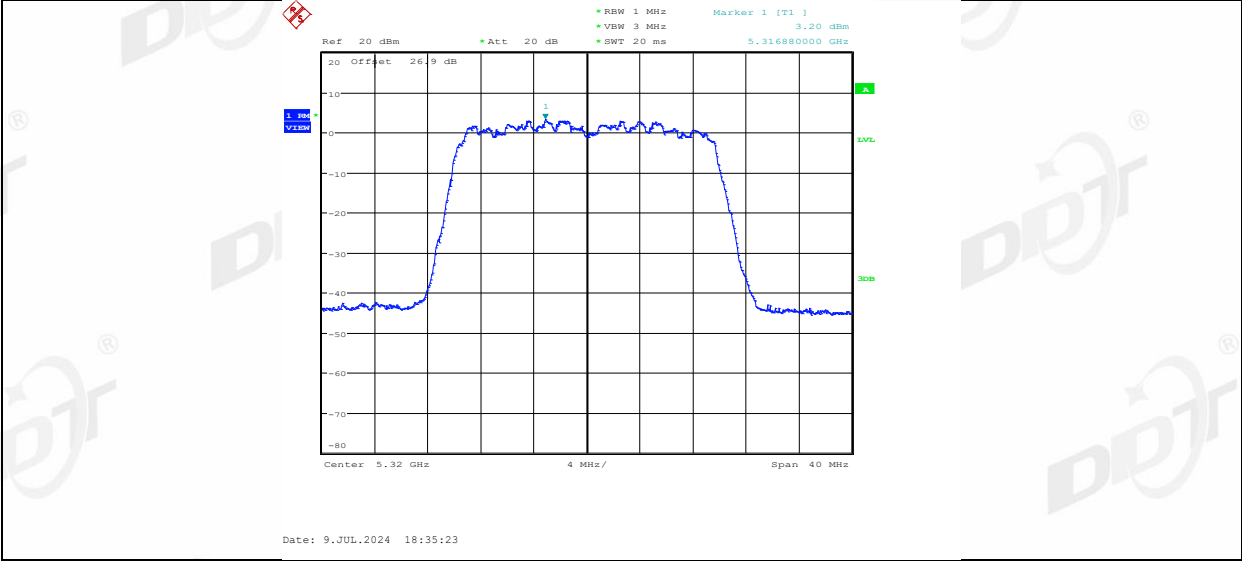
11AX20MIMO_Ant2_5240



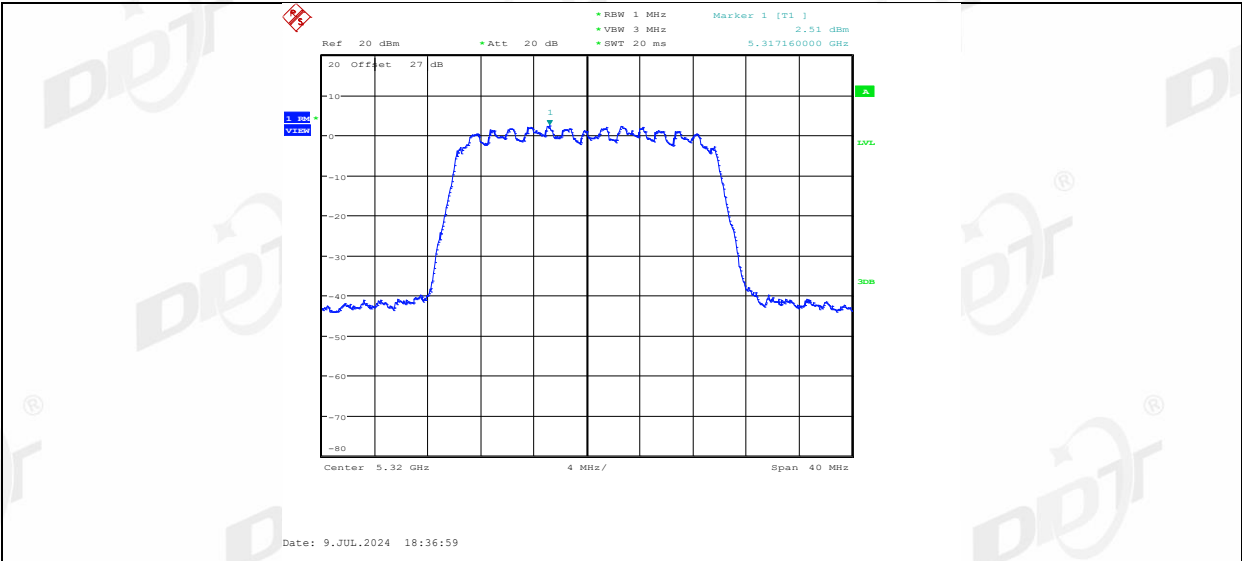
11AX20MIMO_Ant2_5280



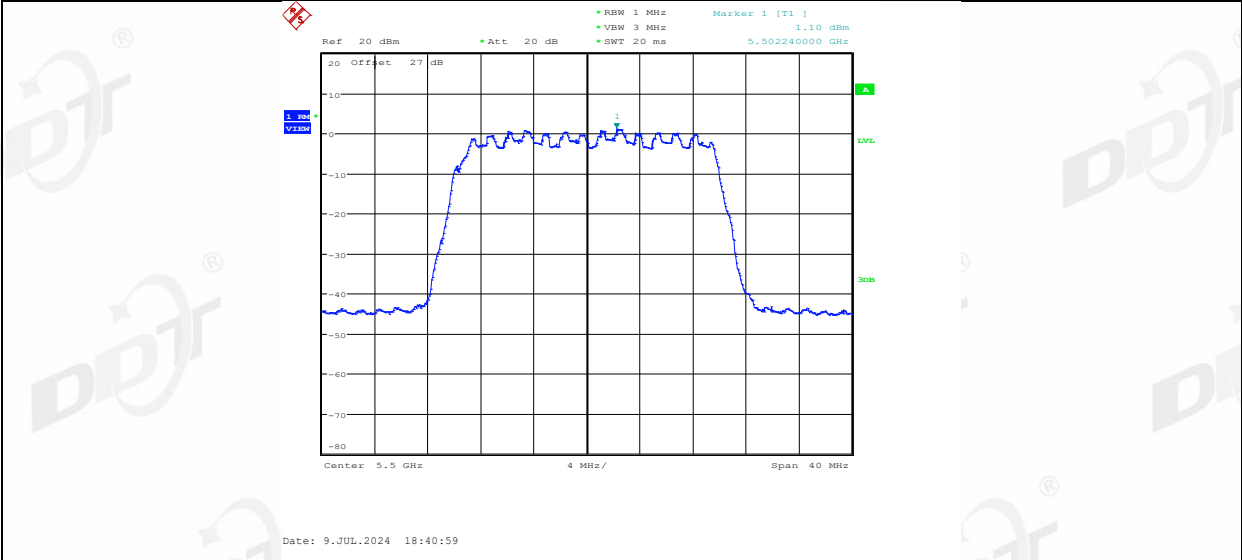
11AX20MIMO_Ant1_5320



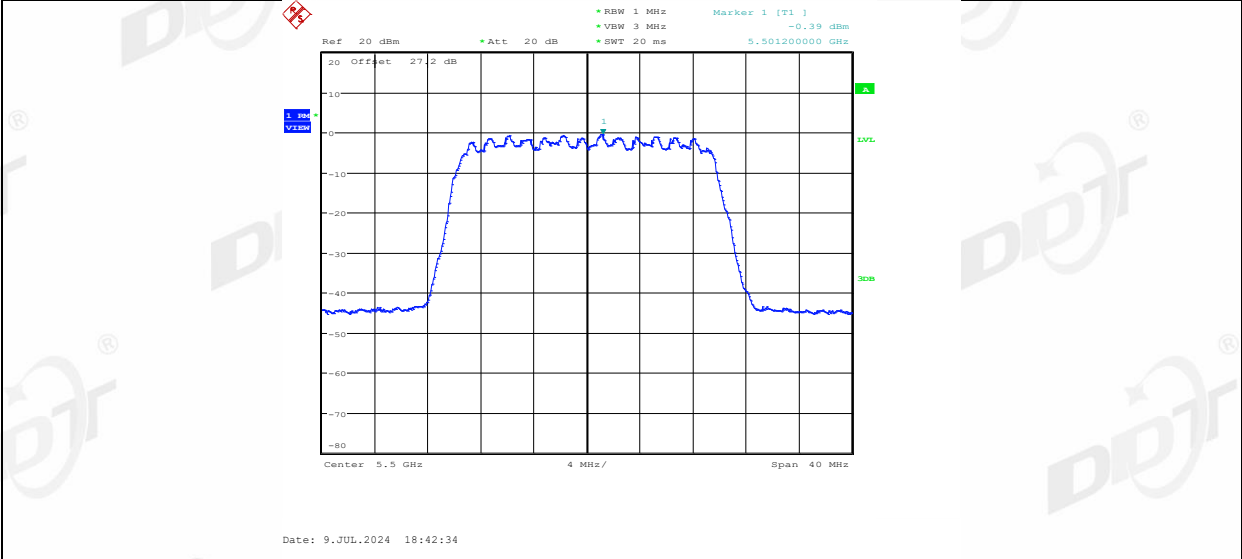
11AX20MIMO_Ant2_5320



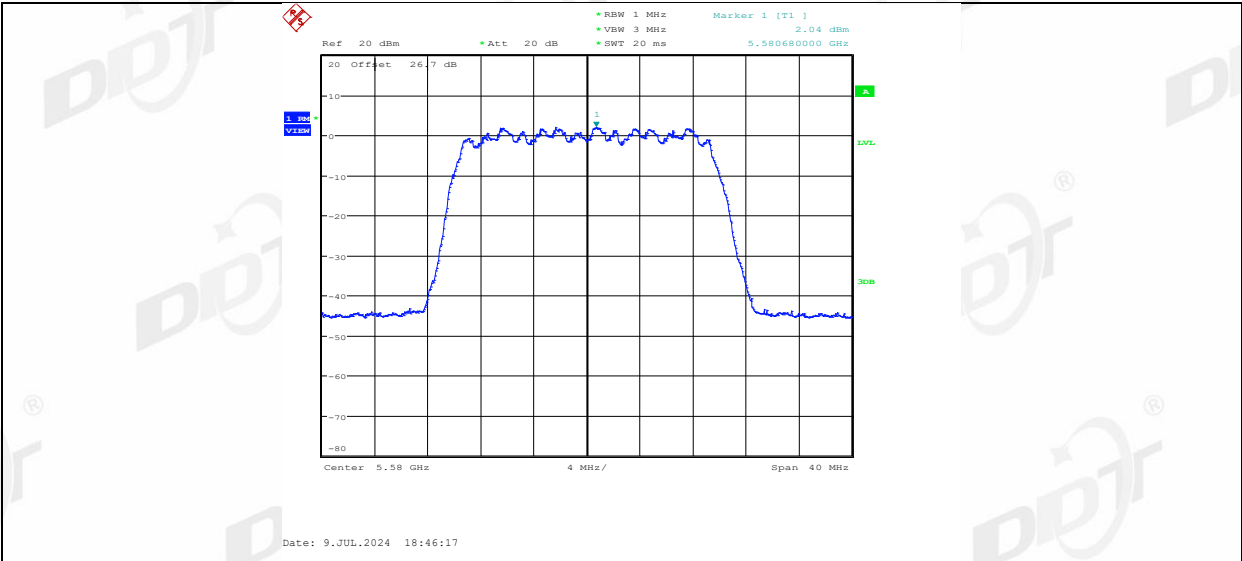
11AX20MIMO_Ant1_5500



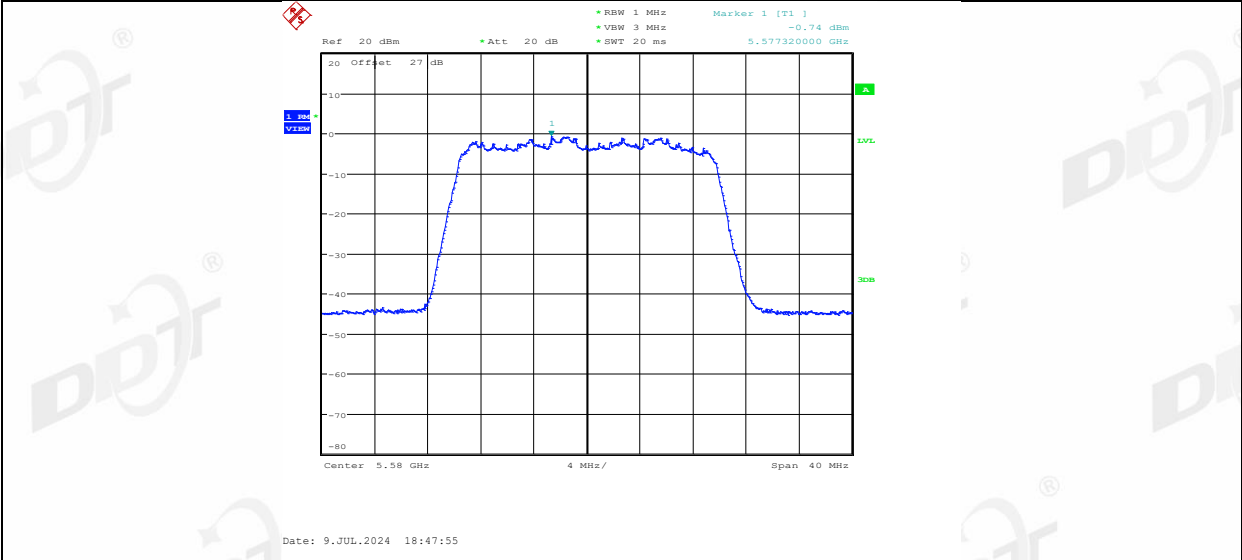
11AX20MIMO_Ant2_5500



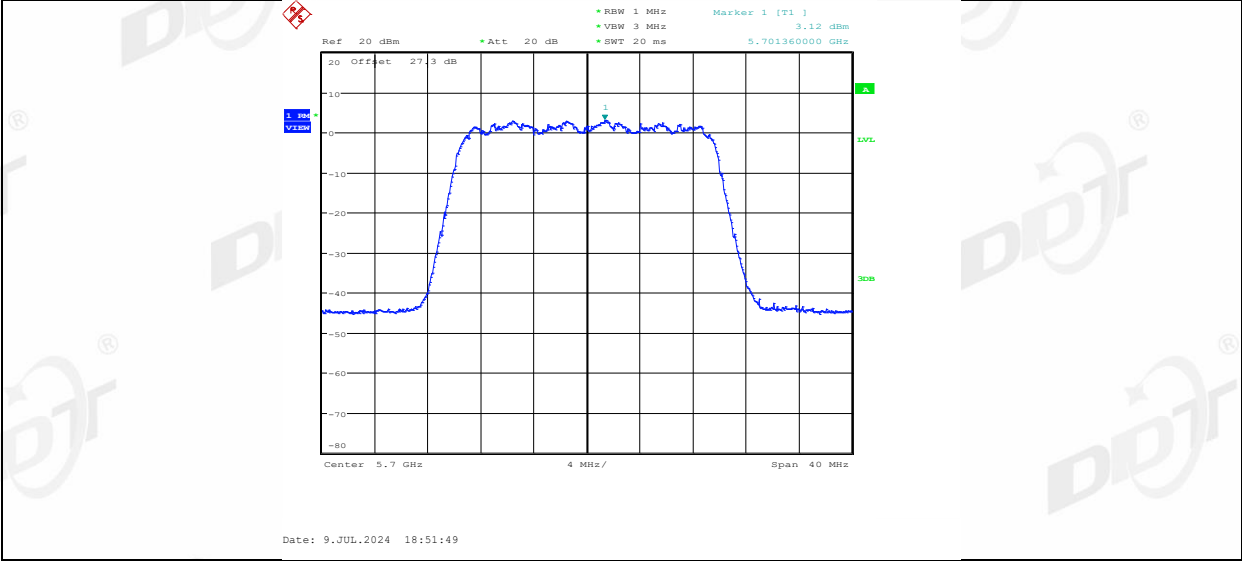
11AX20MIMO_Ant1_5580



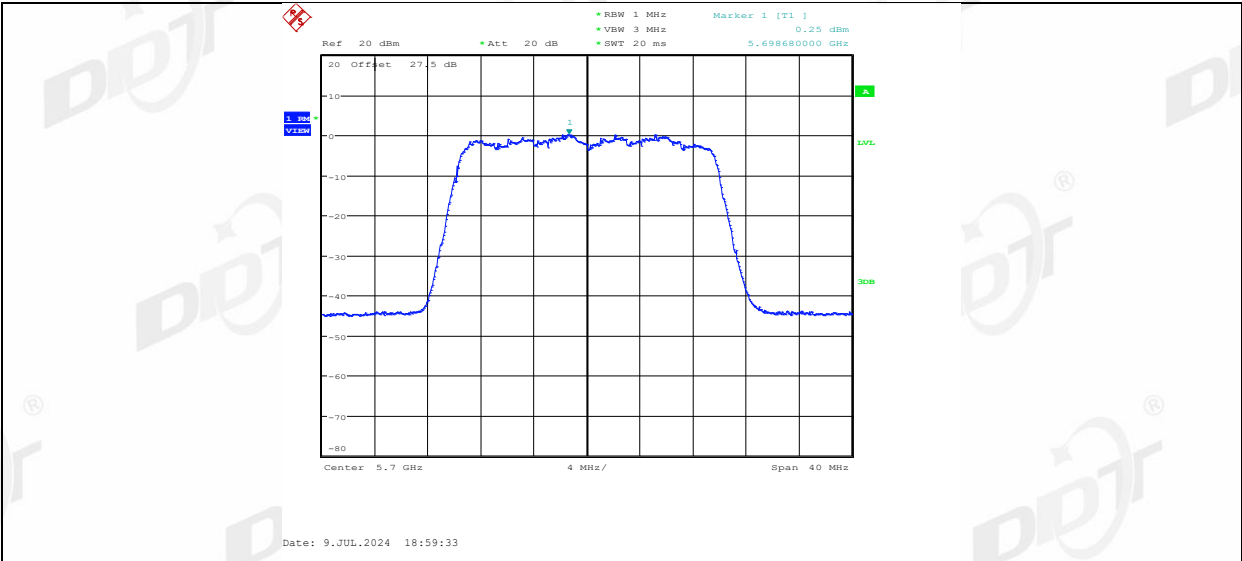
11AX20MIMO_Ant2_5580



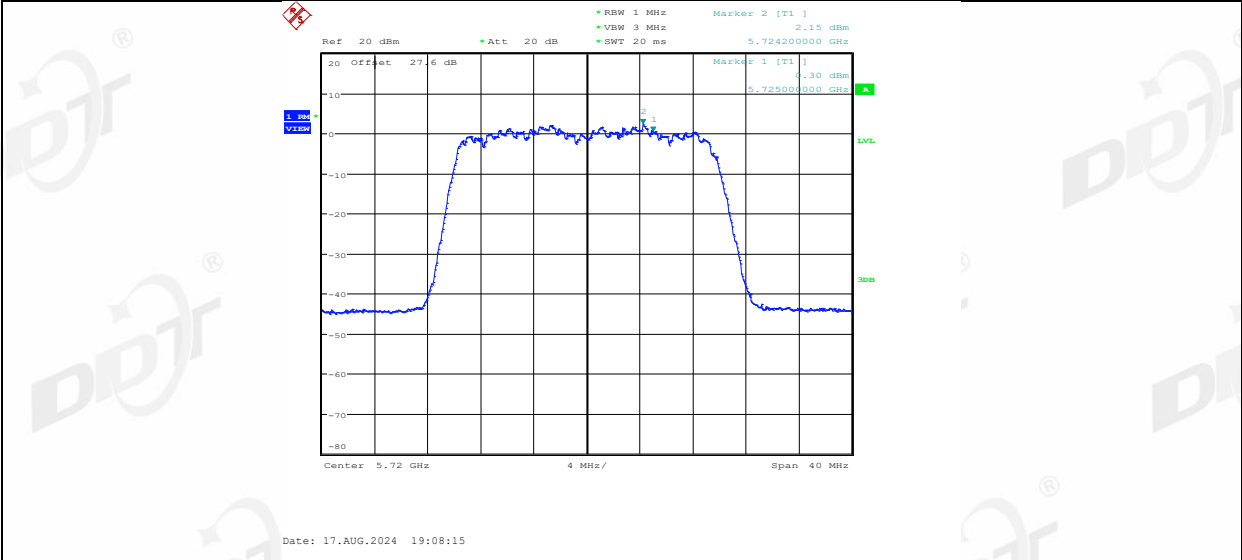
11AX20MIMO_Ant1_5700



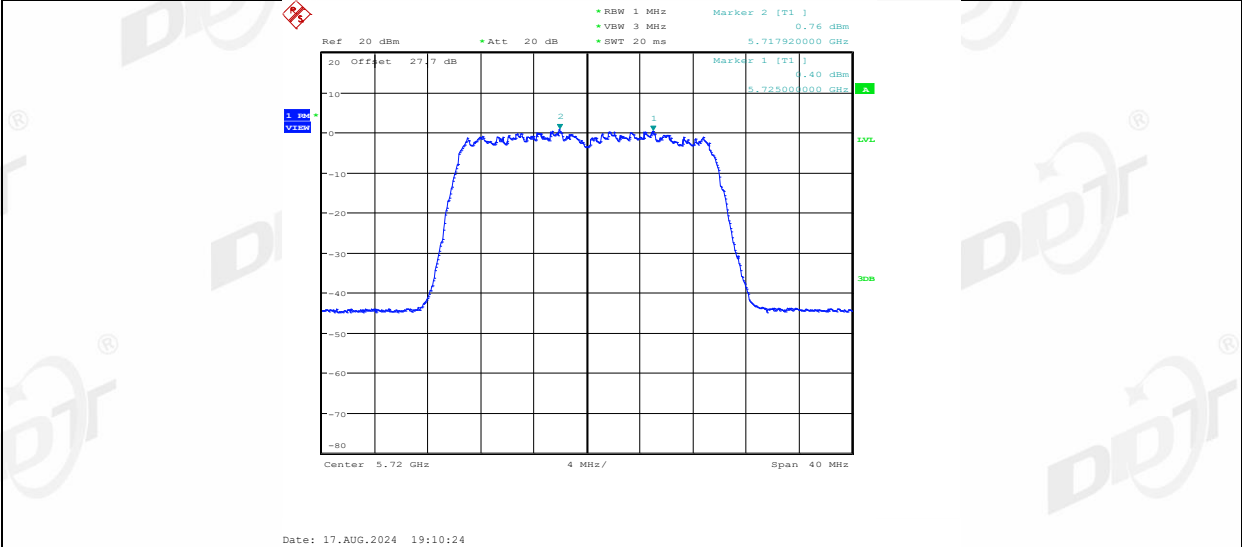
11AX20MIMO_Ant2_5700



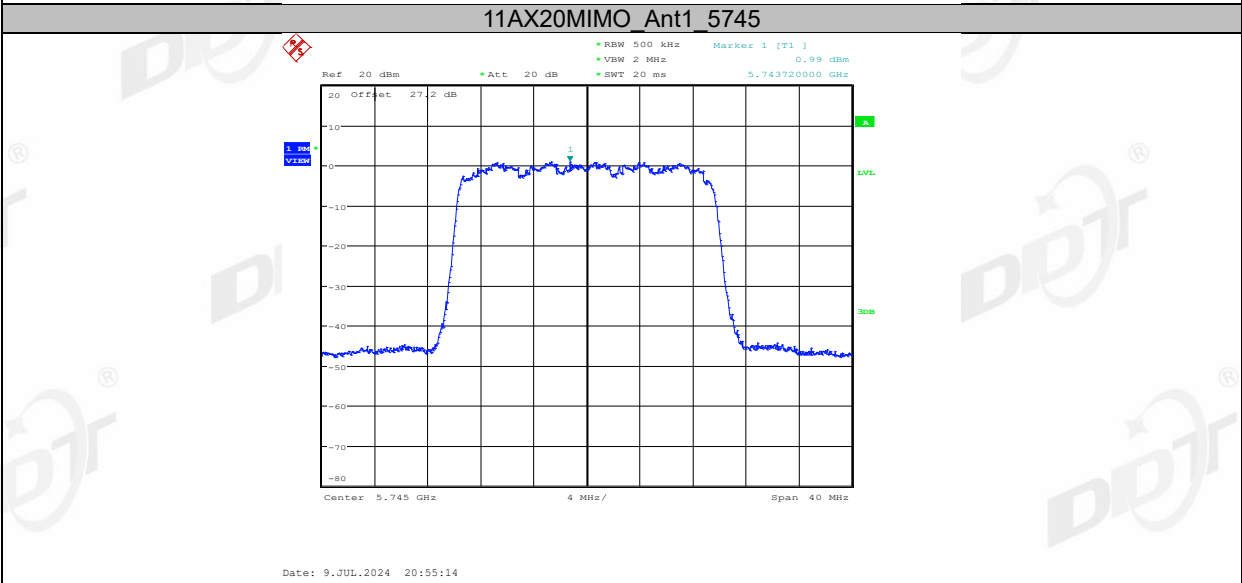
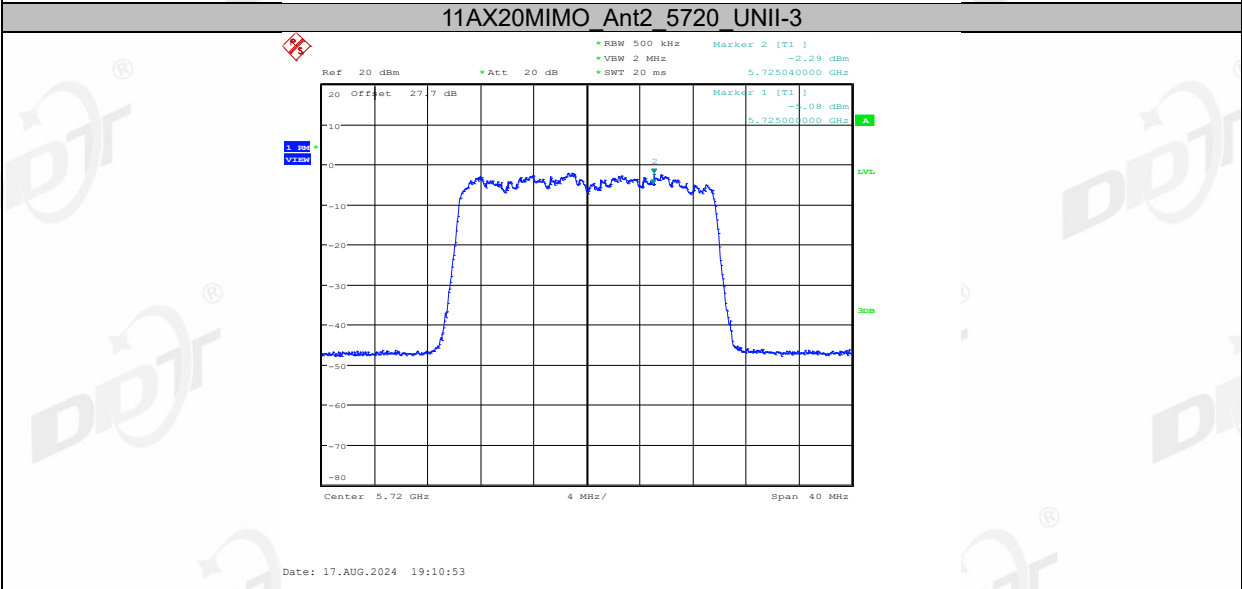
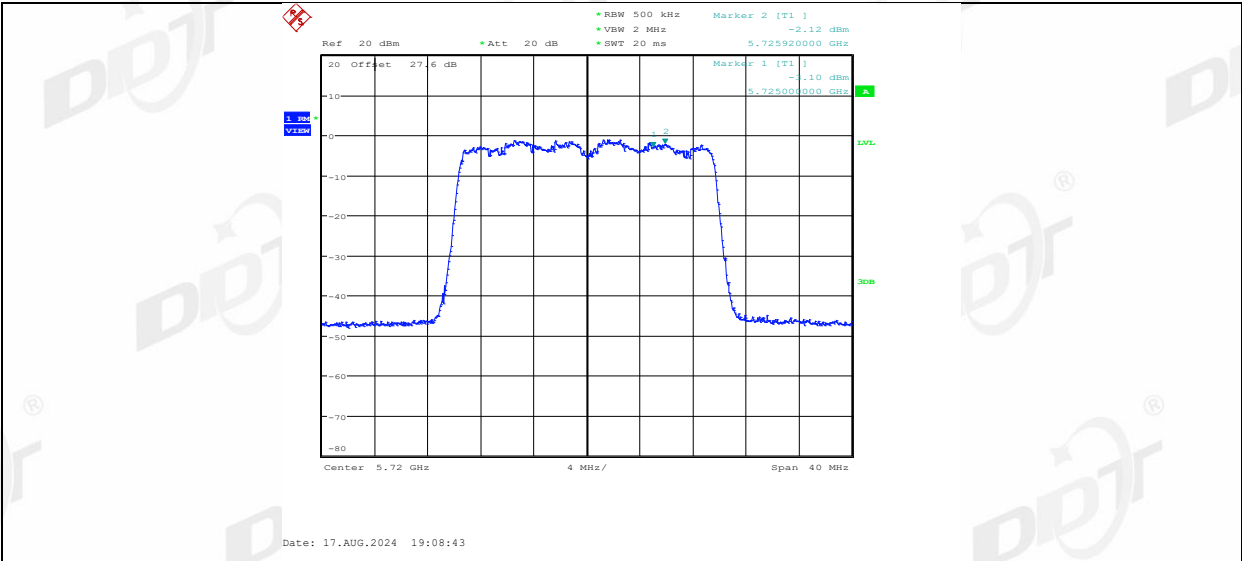
11AX20MIMO_Ant1_5720_UNII-2C



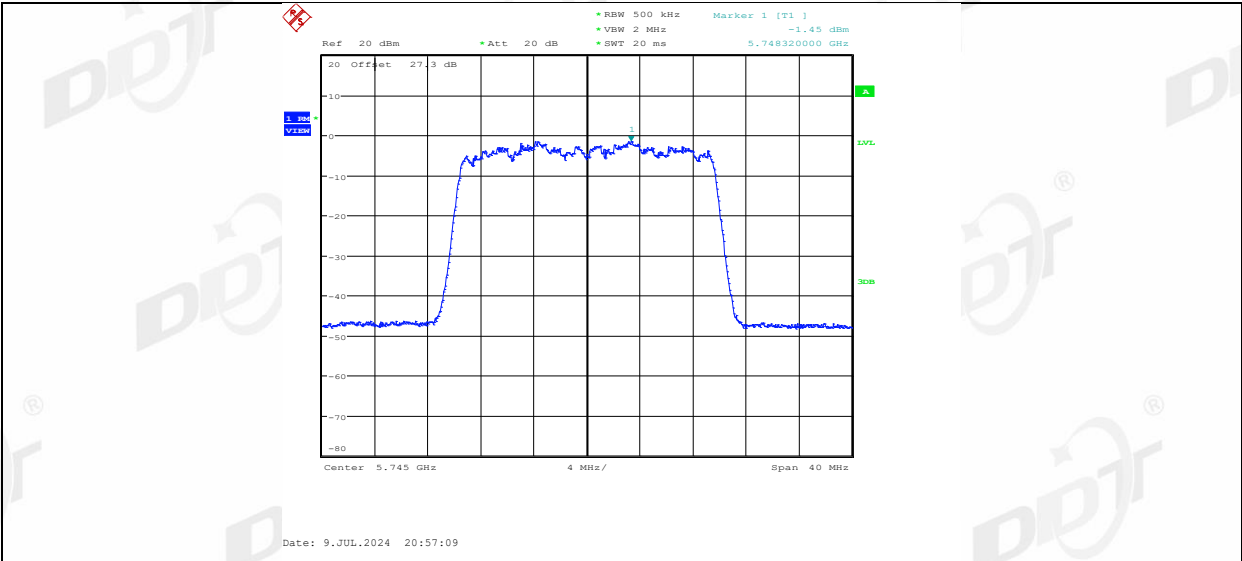
11AX20MIMO_Ant2_5720_UNII-2C



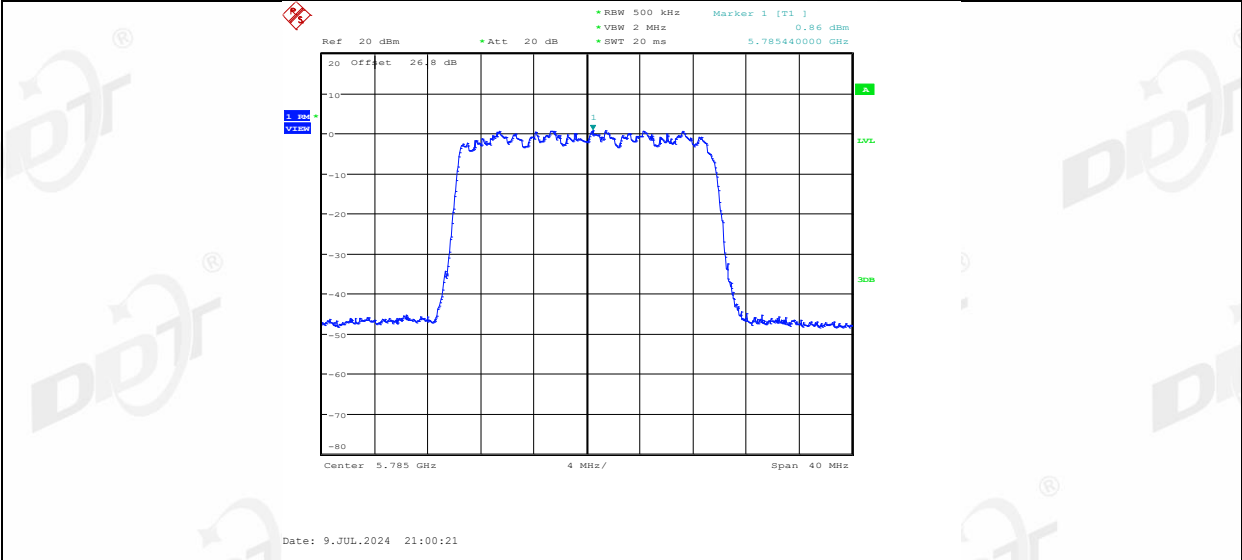
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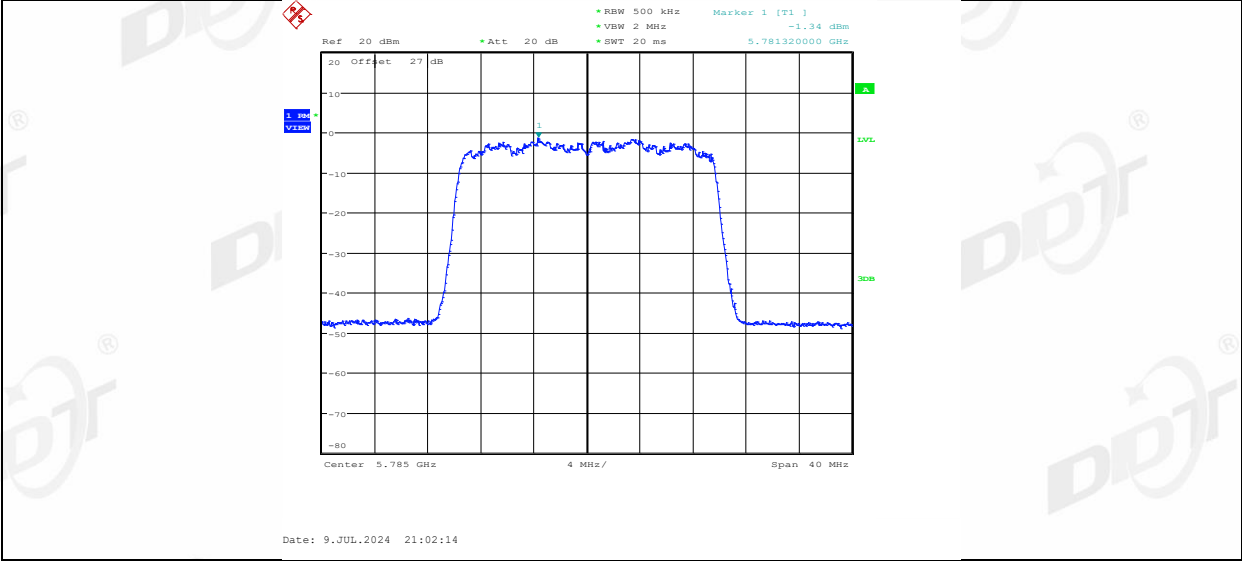
11AX20MIMO_Ant2_5745



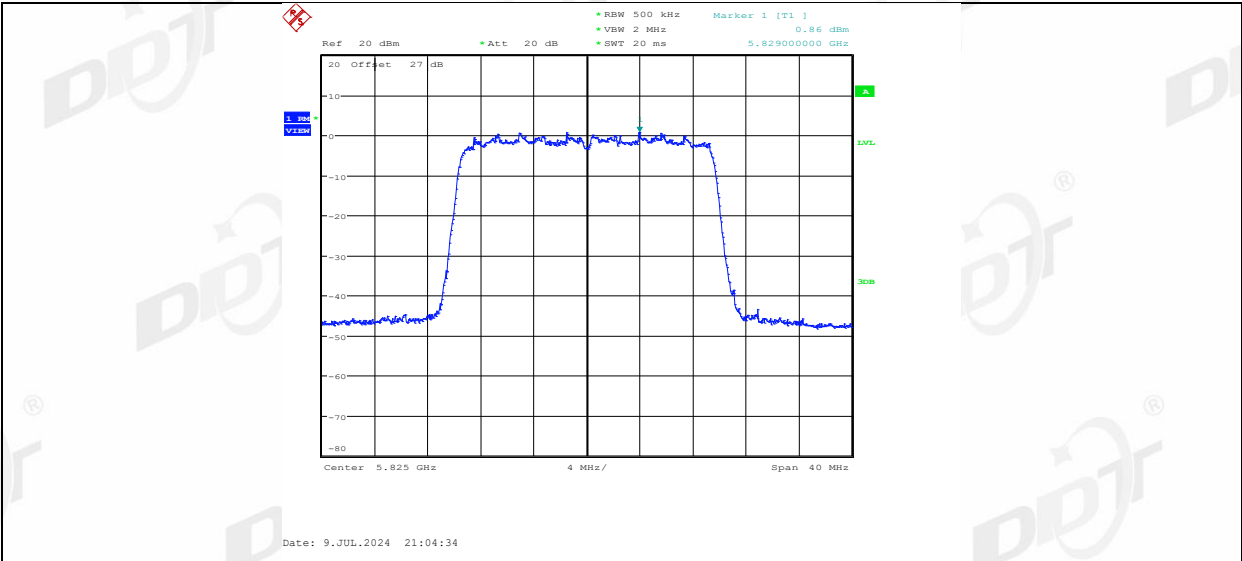
11AX20MIMO_Ant1_5785



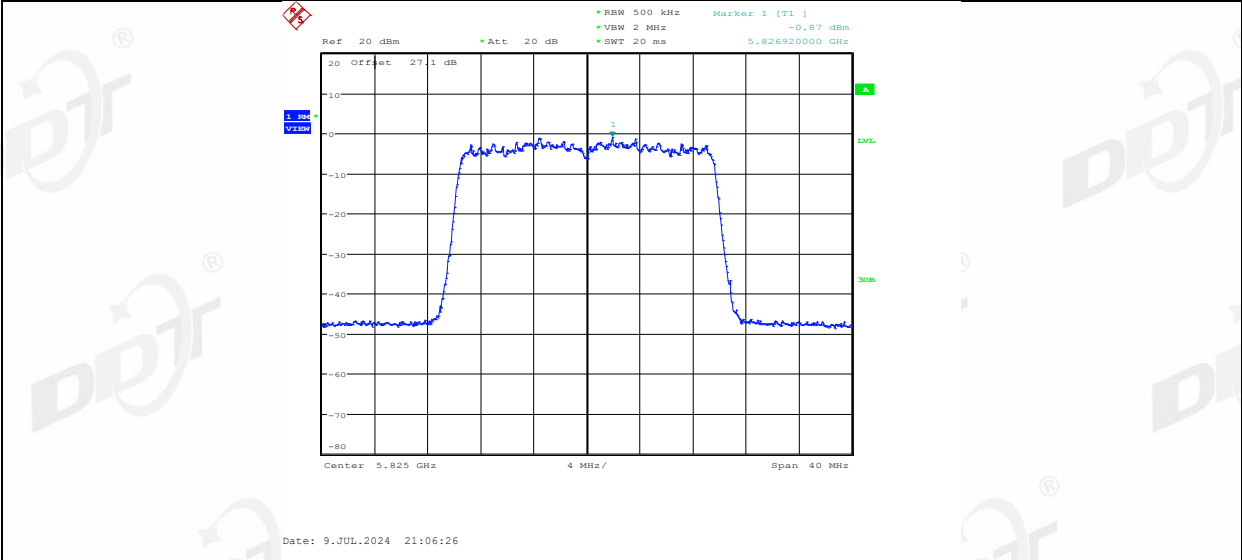
11AX20MIMO_Ant2_5785



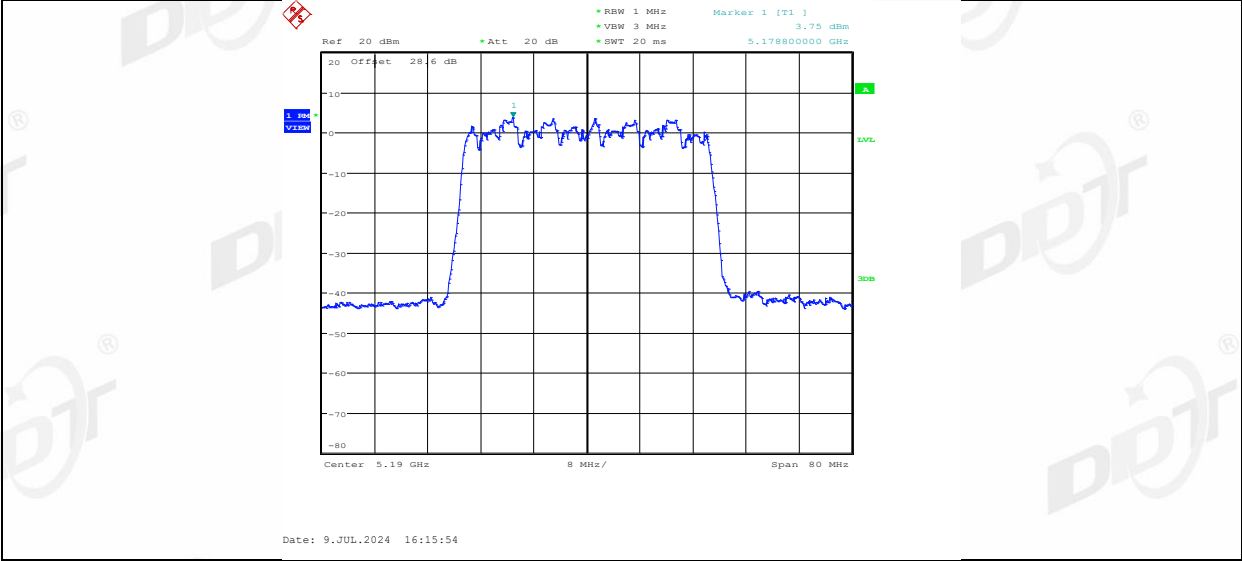
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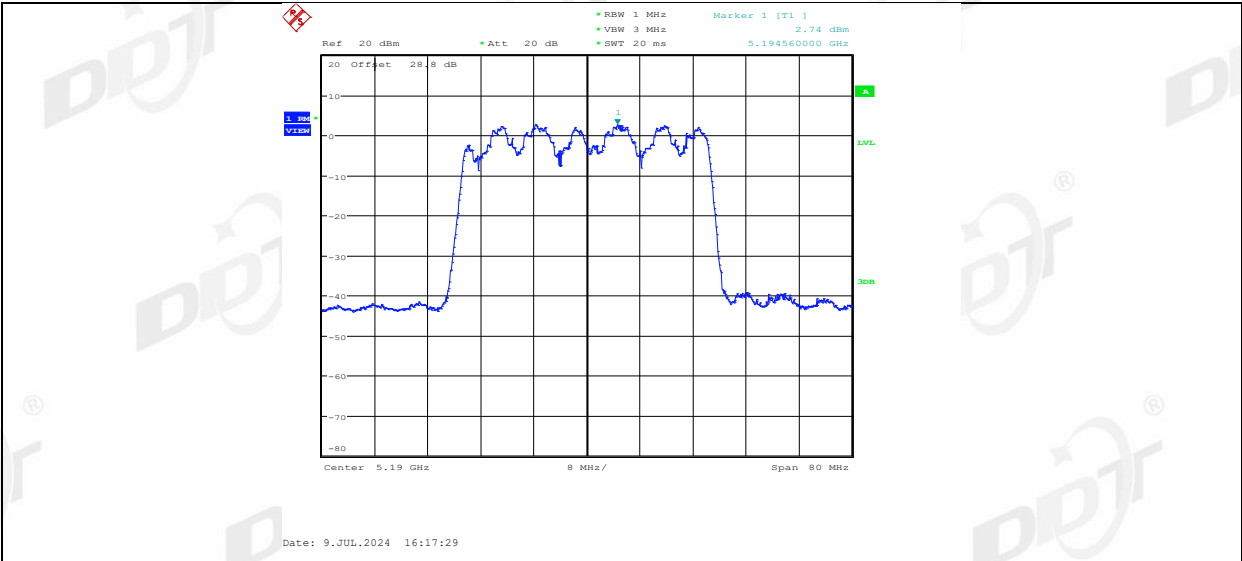
11AX20MIMO_Ant2_5825



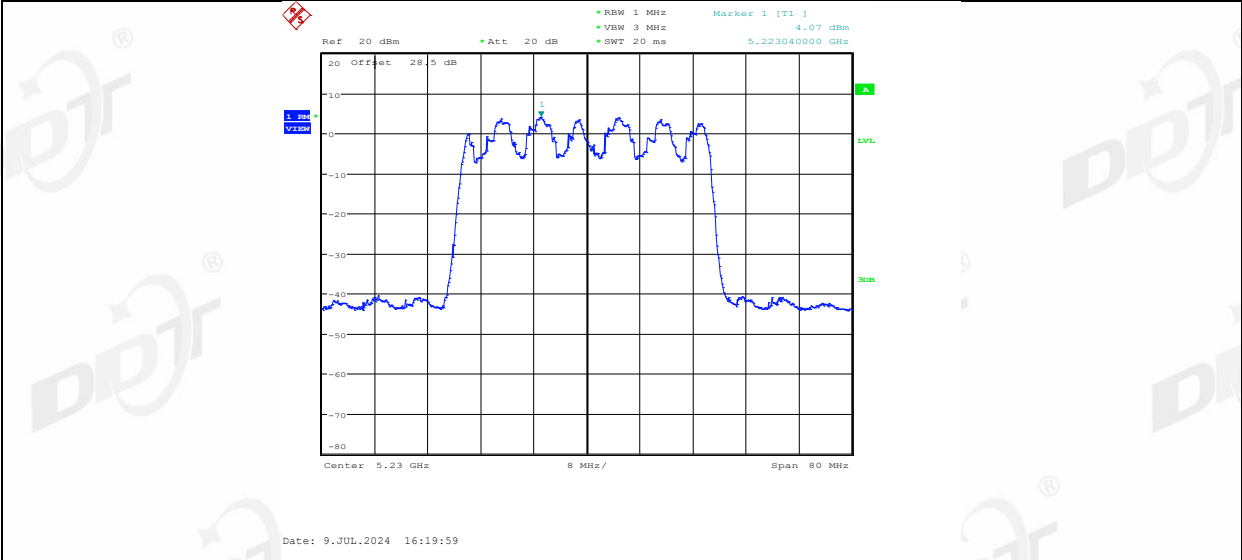
11AX40MIMO_Ant1_5190



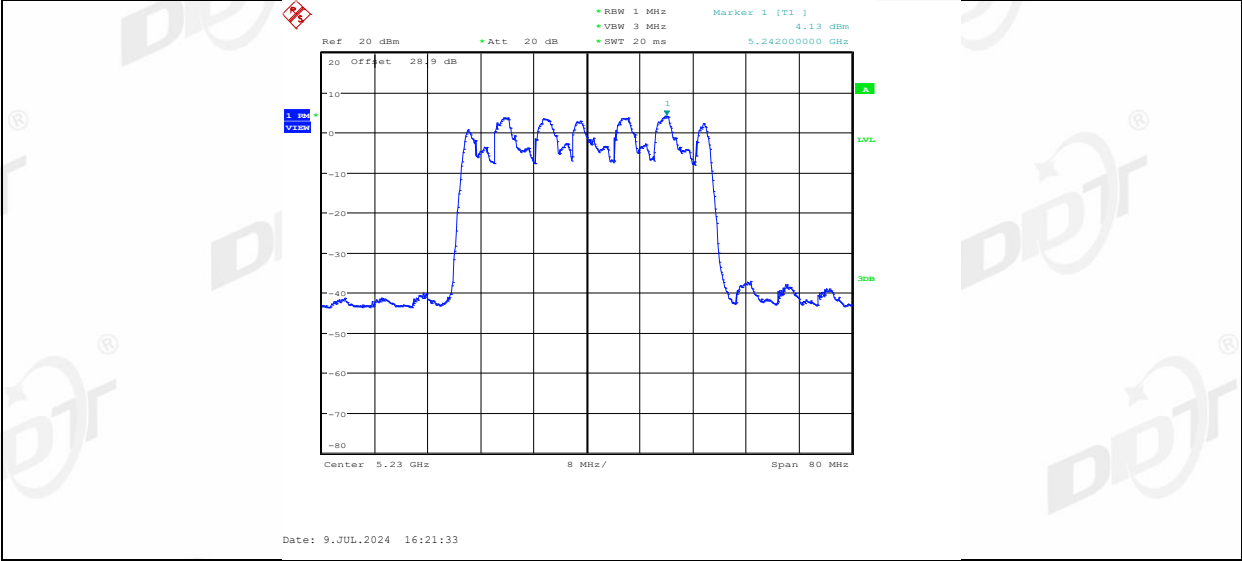
11AX40MIMO_Ant2_5190



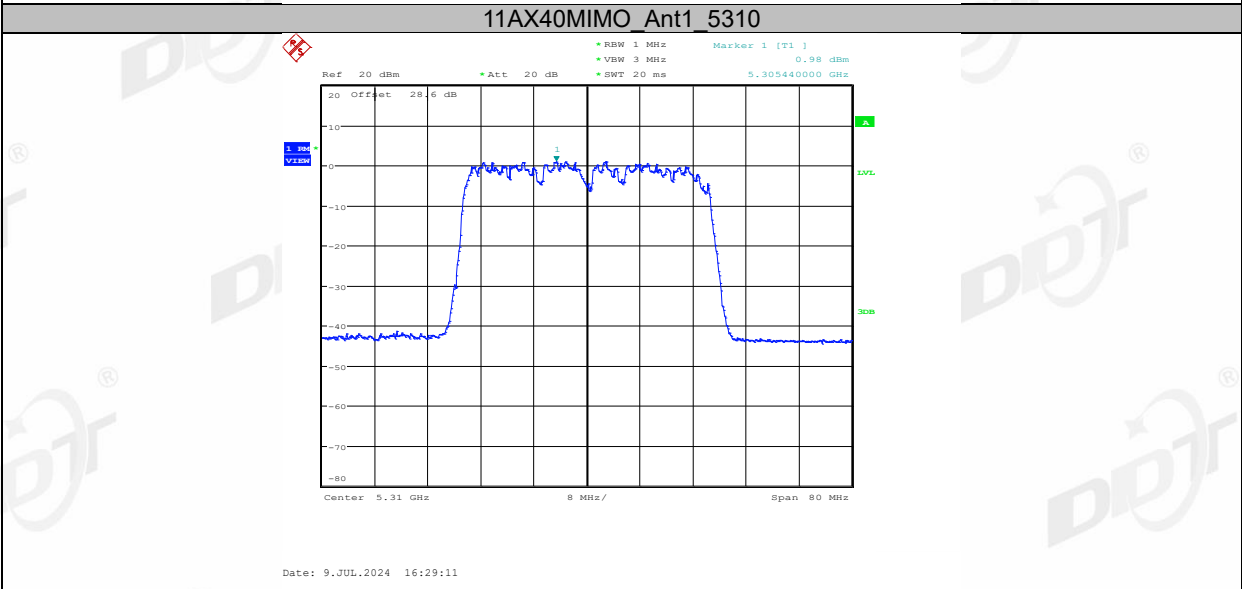
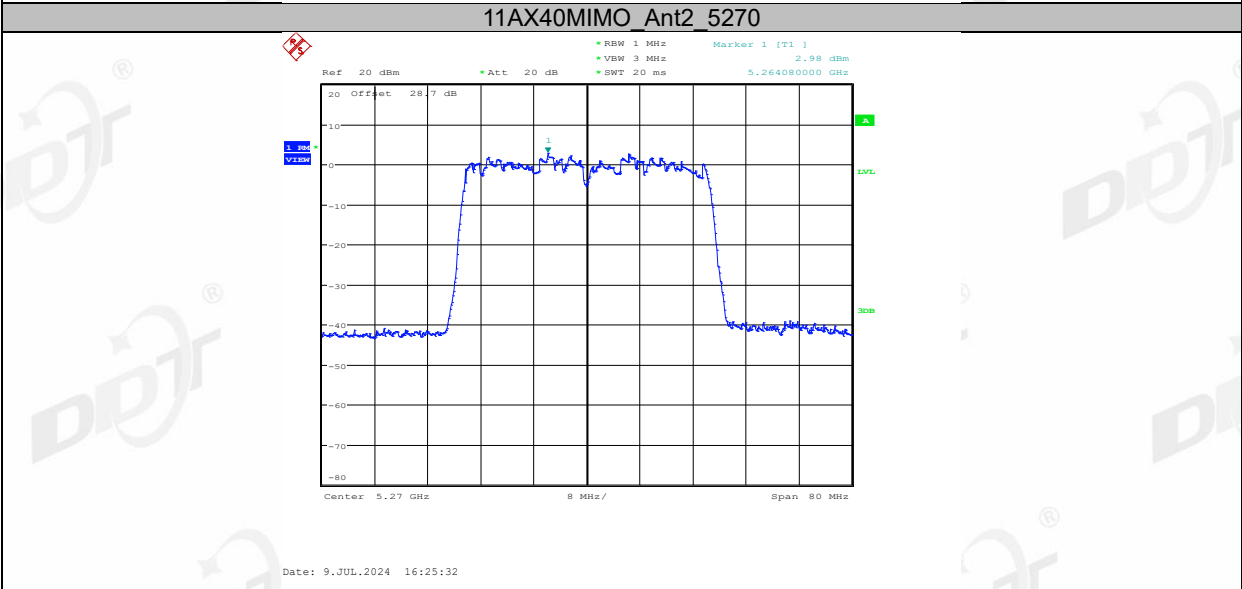
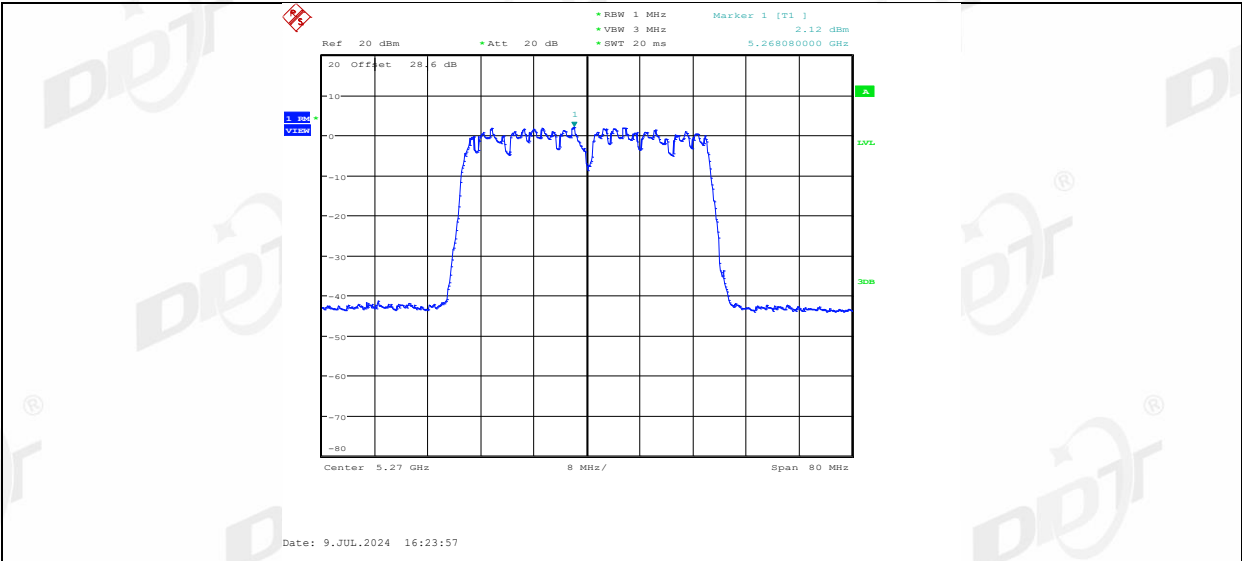
11AX40MIMO_Ant1_5230



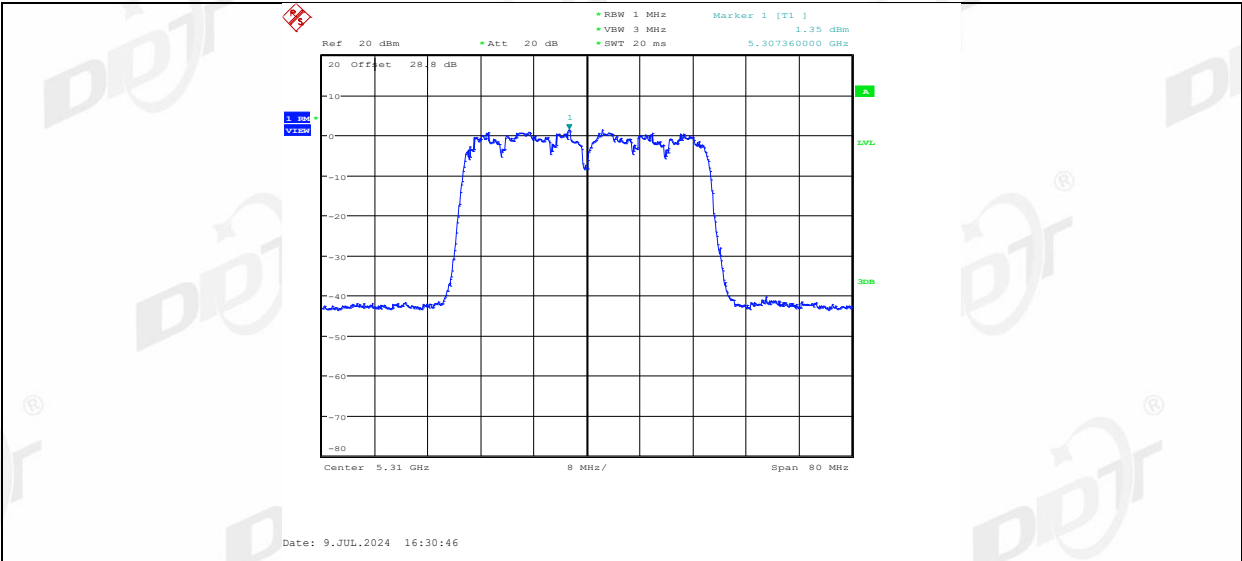
11AX40MIMO_Ant2_5230



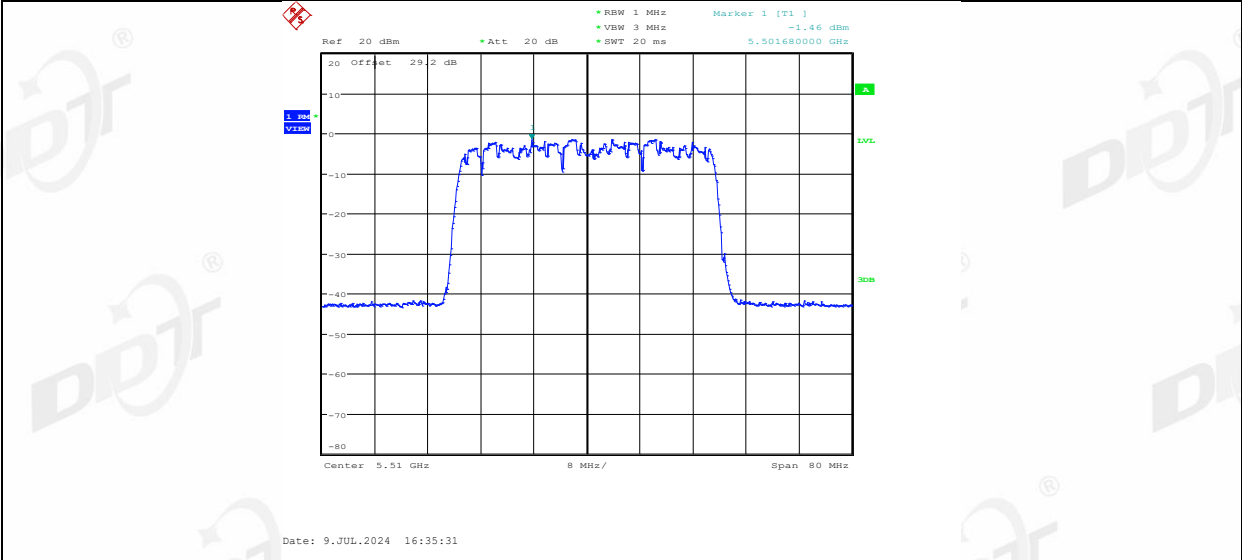
11AX40MIMO_Ant1_5270



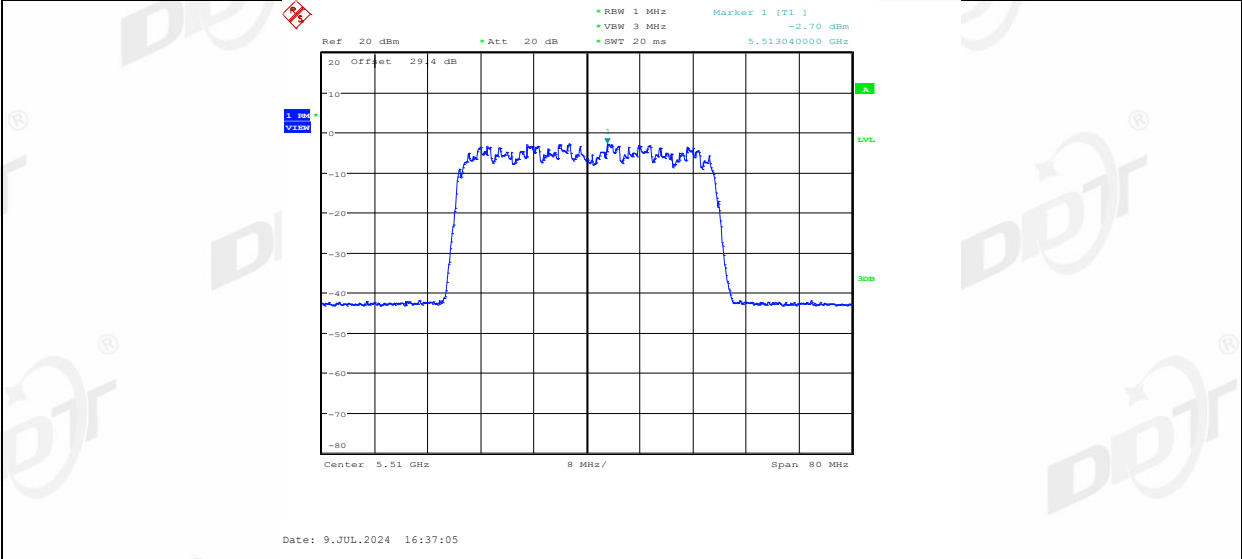
11AX40MIMO_Ant2_5310



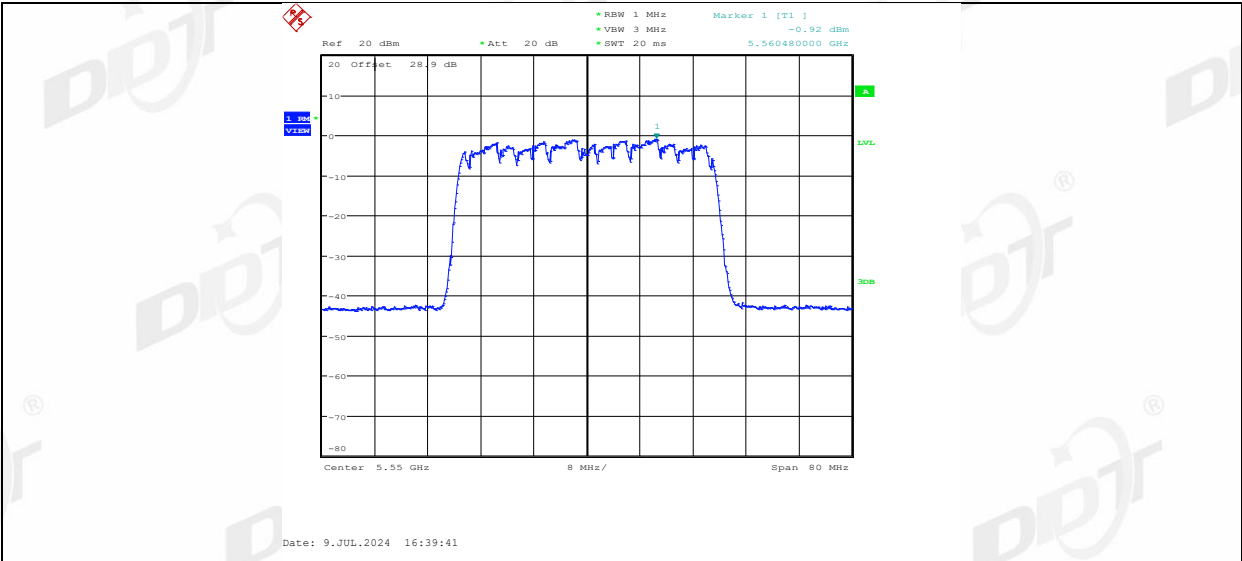
11AX40MIMO_Ant1_5510



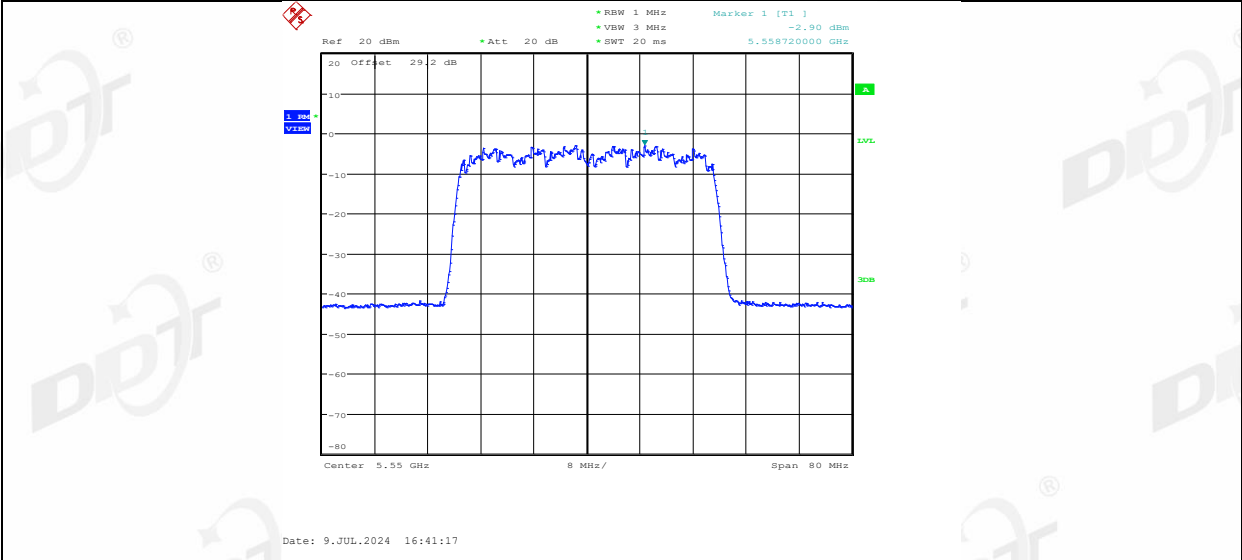
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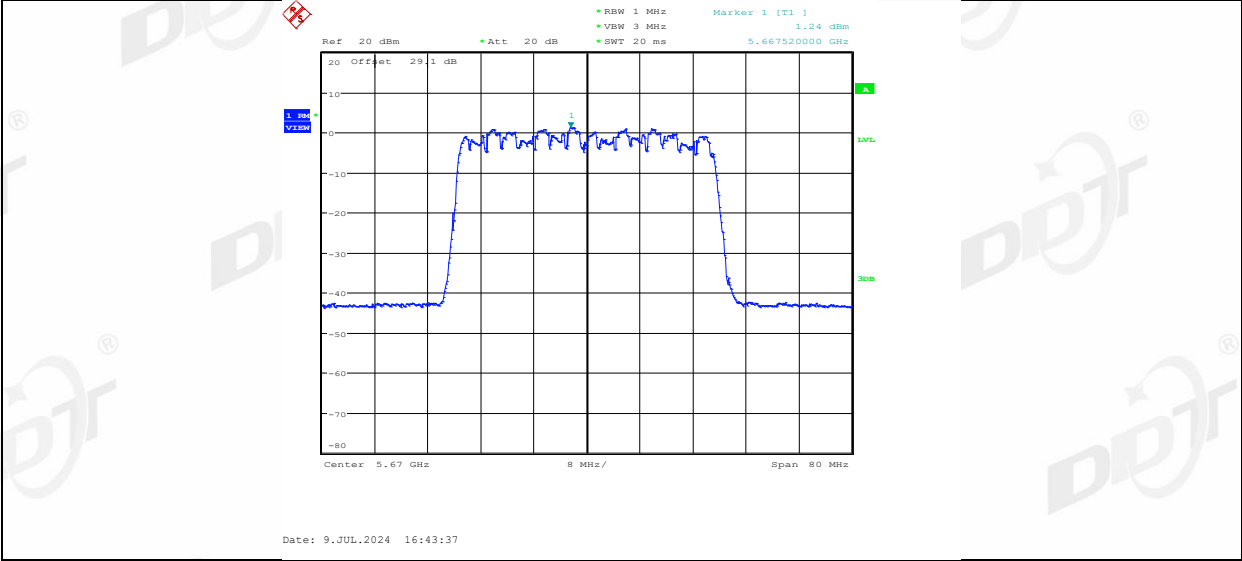
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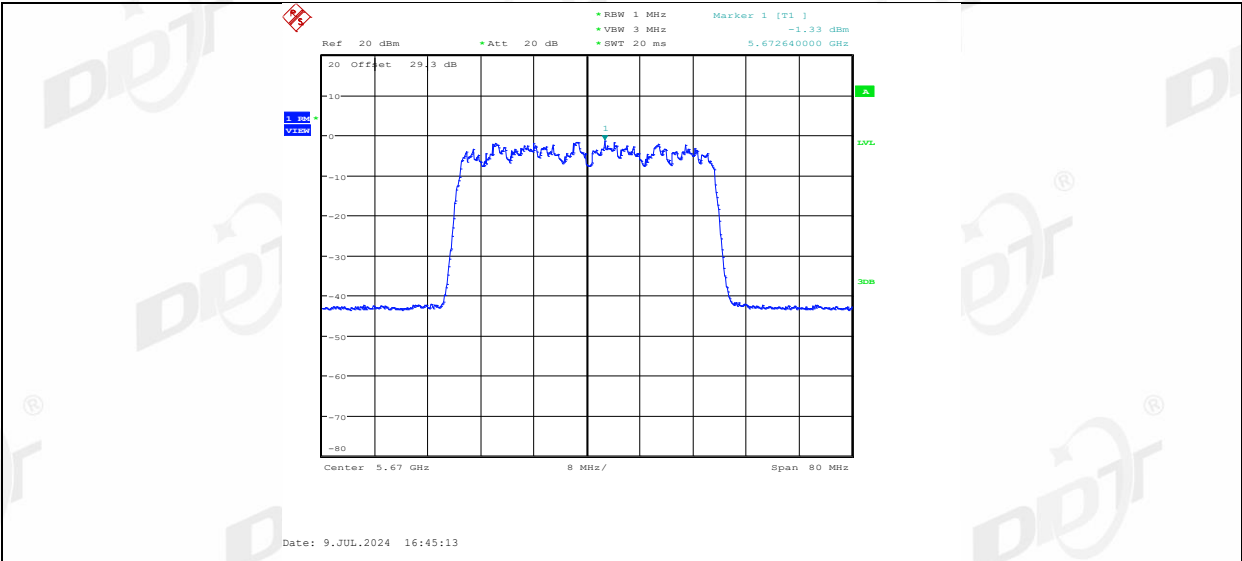
11AX40MIMO_Ant2_5550



11AX40MIMO_Ant1_5670



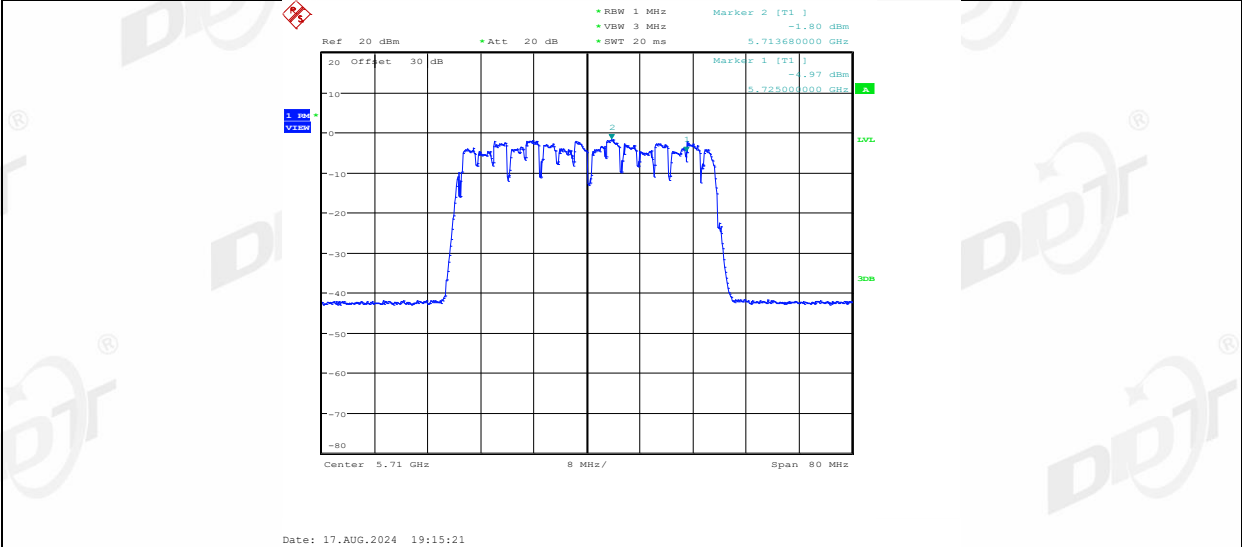
11AX40MIMO_Ant2_5670



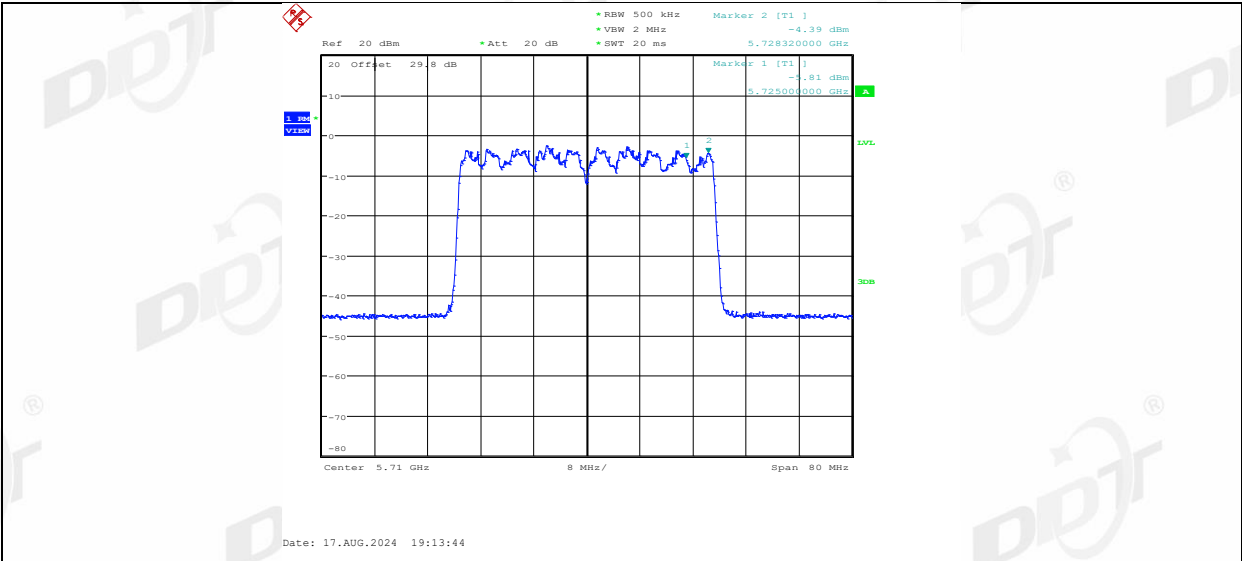
11AX40MIMO_Ant1_5710_UNII-2C



11AX40MIMO_Ant2_5710_UNII-2C



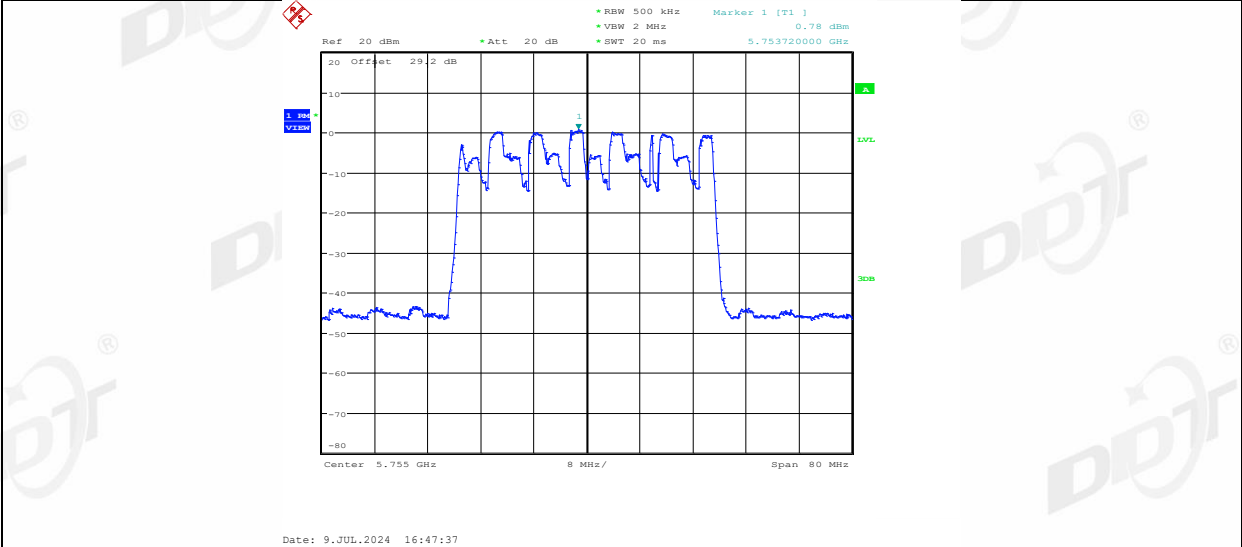
11AX40MIMO_Ant1_5710_UNII-3



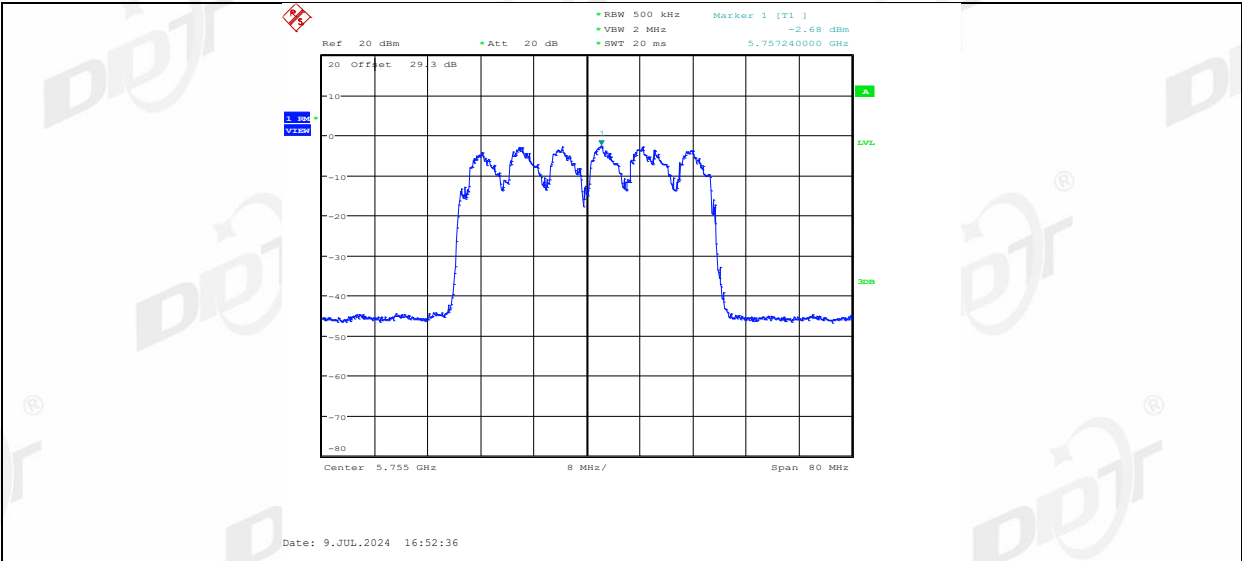
11AX40MIMO_Ant2_5710_UNII-3



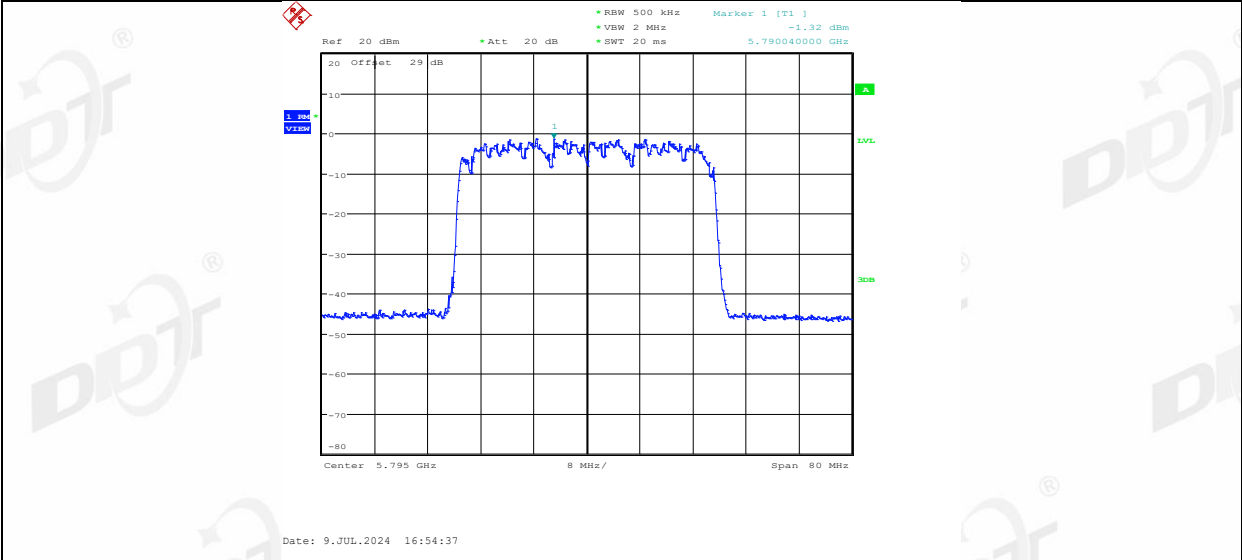
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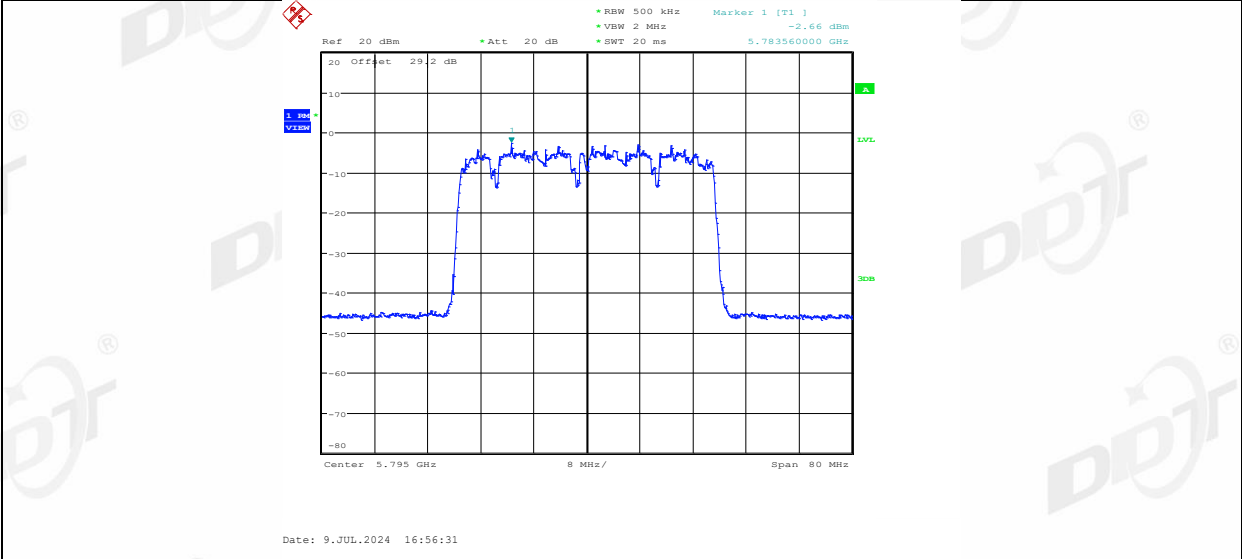
11AX40MIMO_Ant2_5755



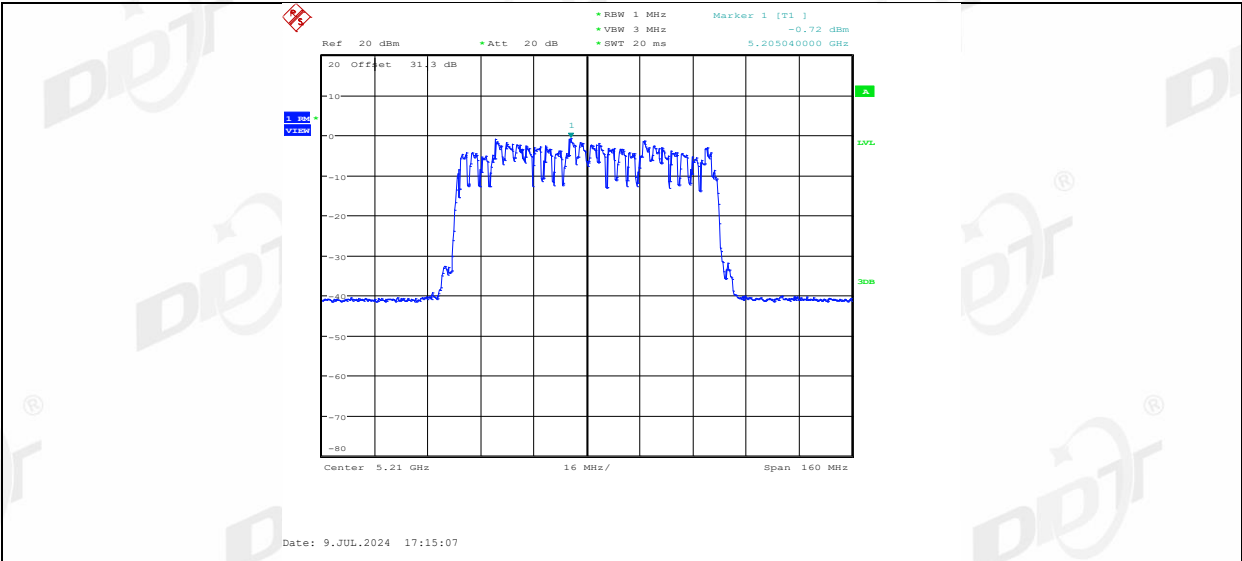
11AX40MIMO_Ant1_5795



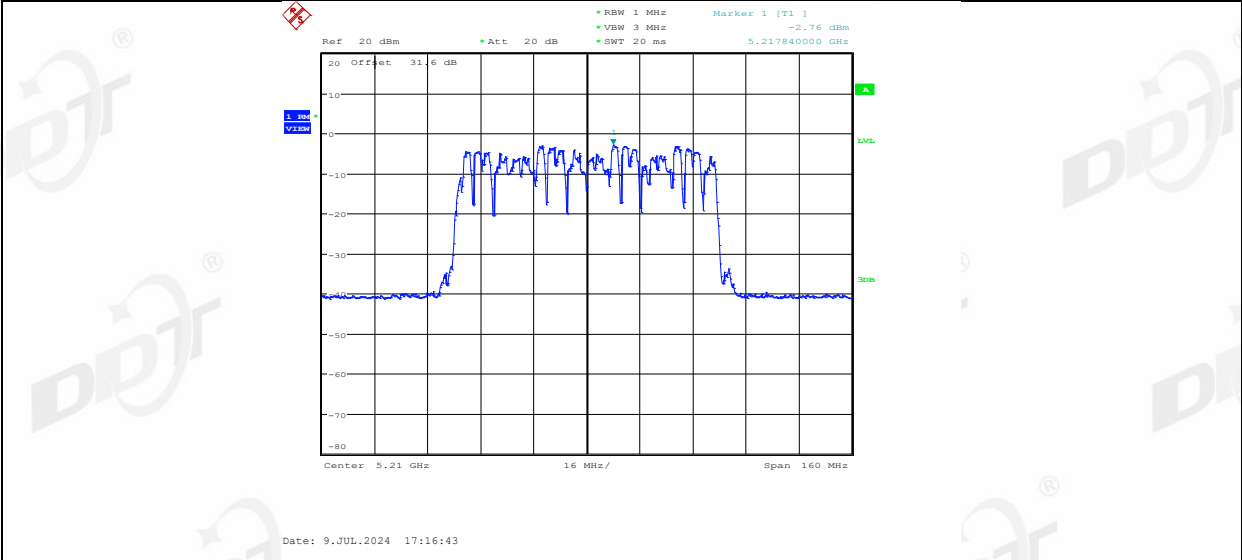
11AX40MIMO_Ant2_5795



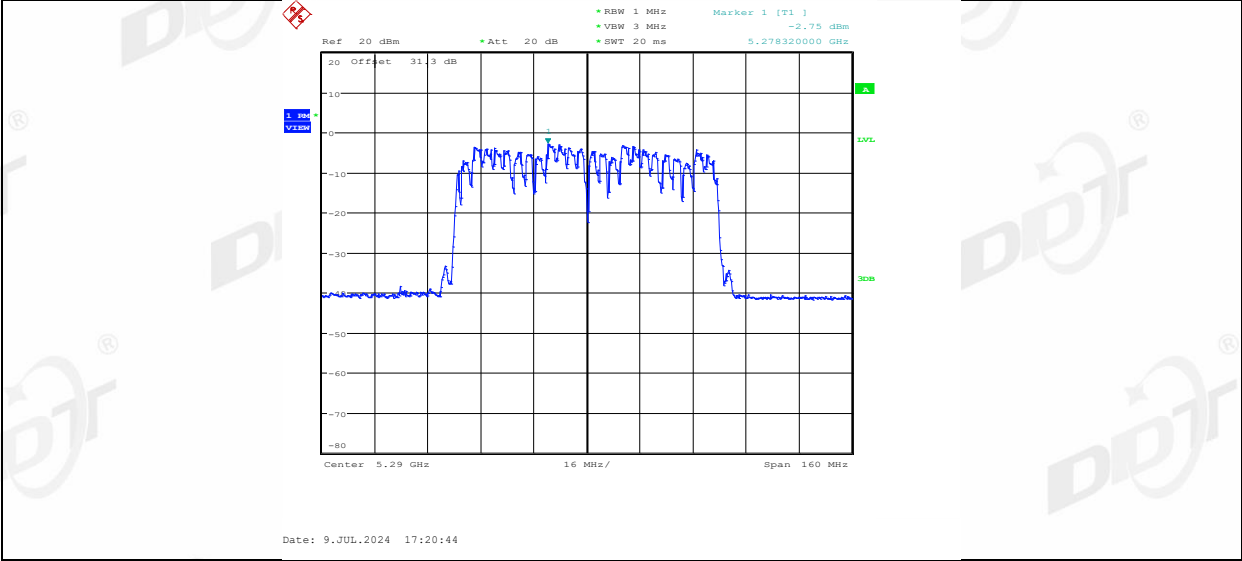
11AX80MIMO_Ant1_5210



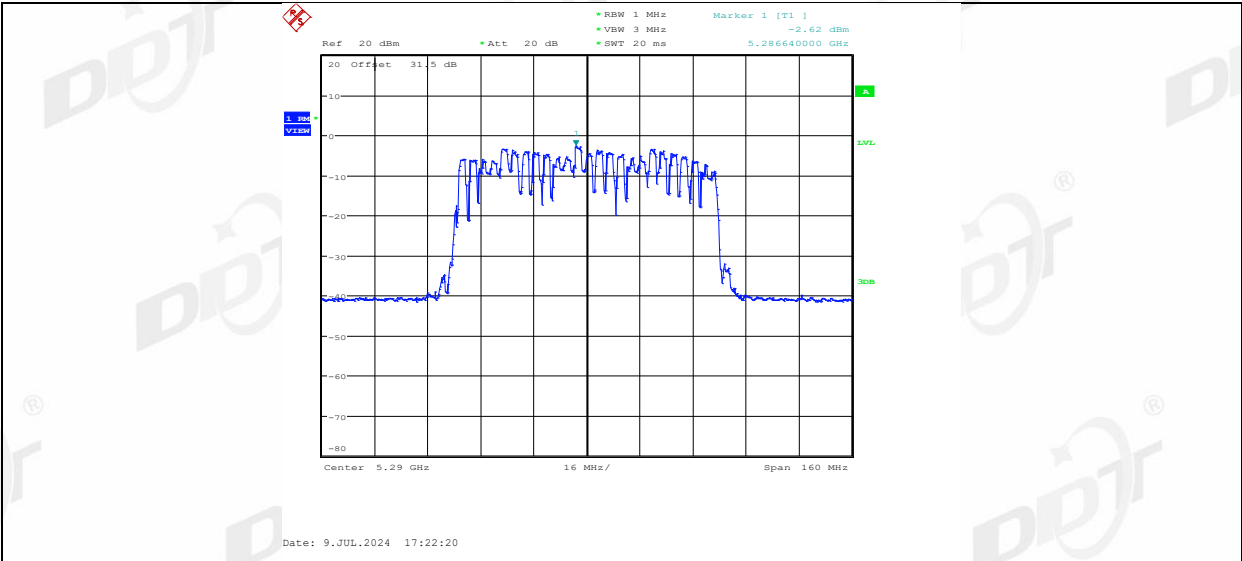
11AX80MIMO_Ant2_5210



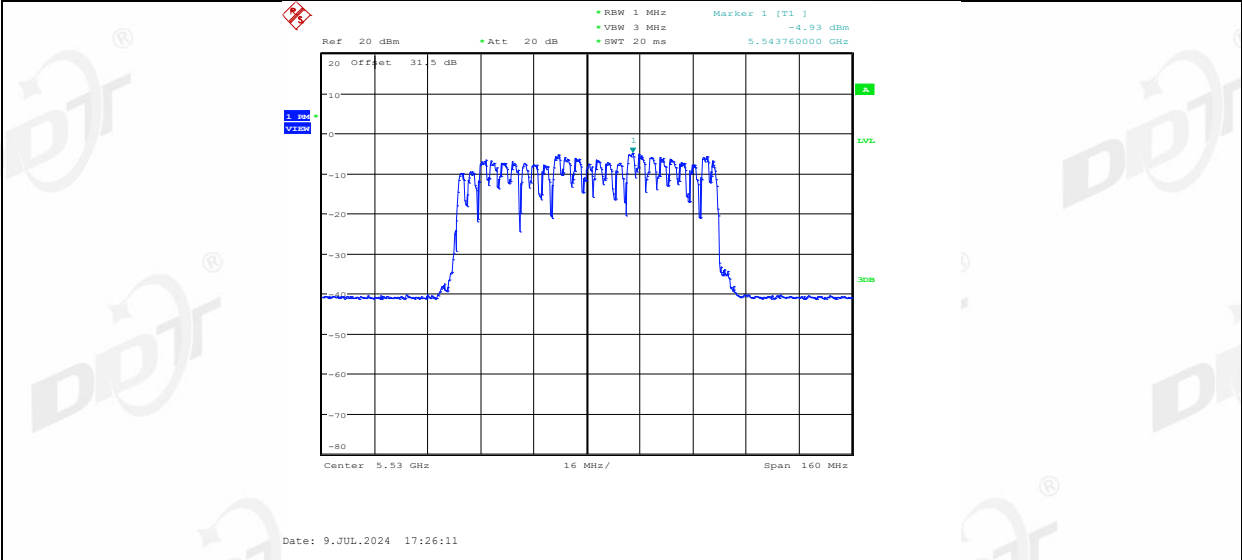
11AX80MIMO_Ant1_5290



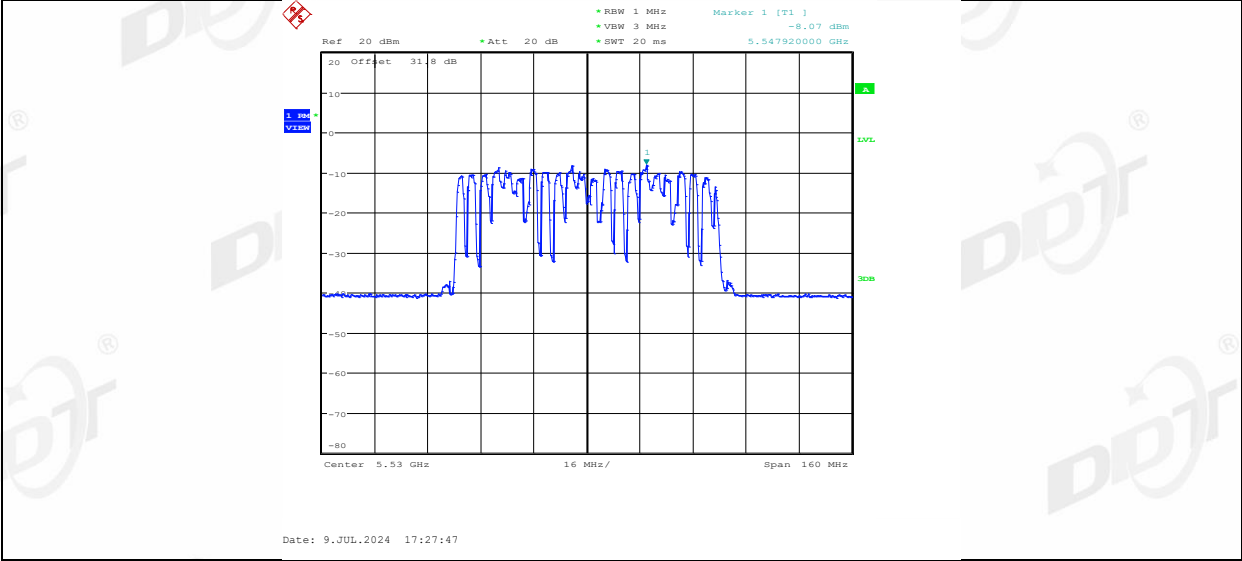
11AX80MIMO_Ant2_5290



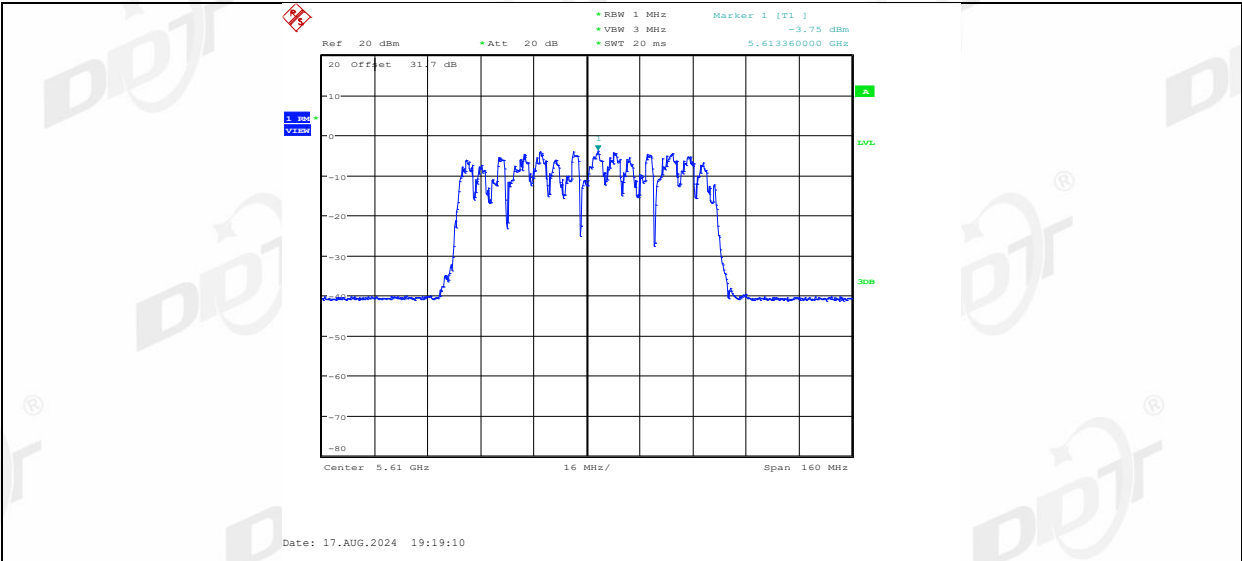
11AX80MIMO_Ant1_5530



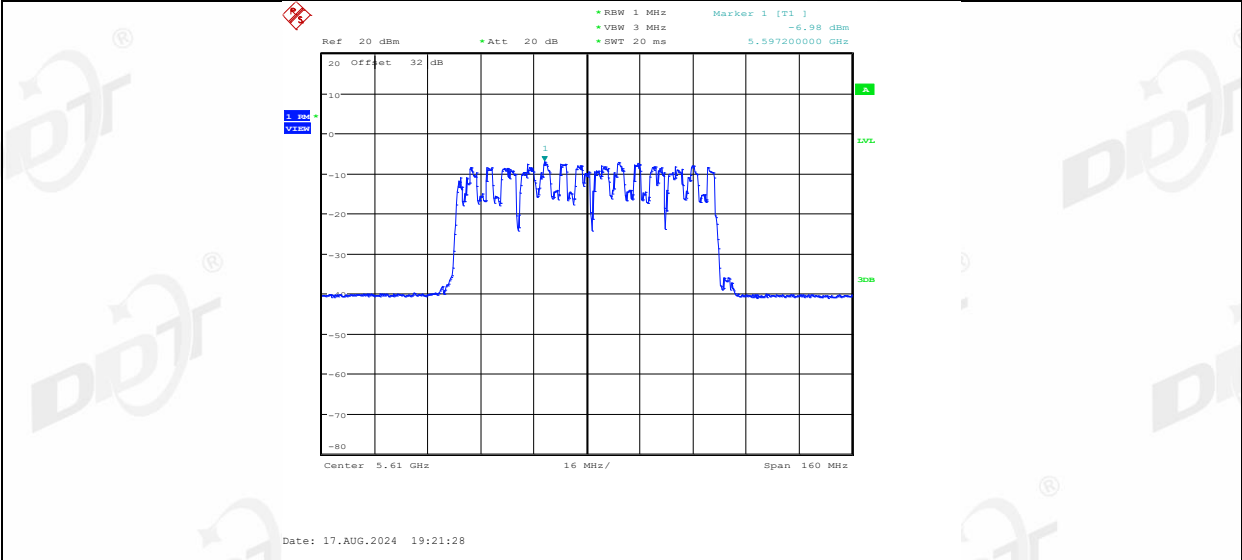
11AX80MIMO_Ant2_5530



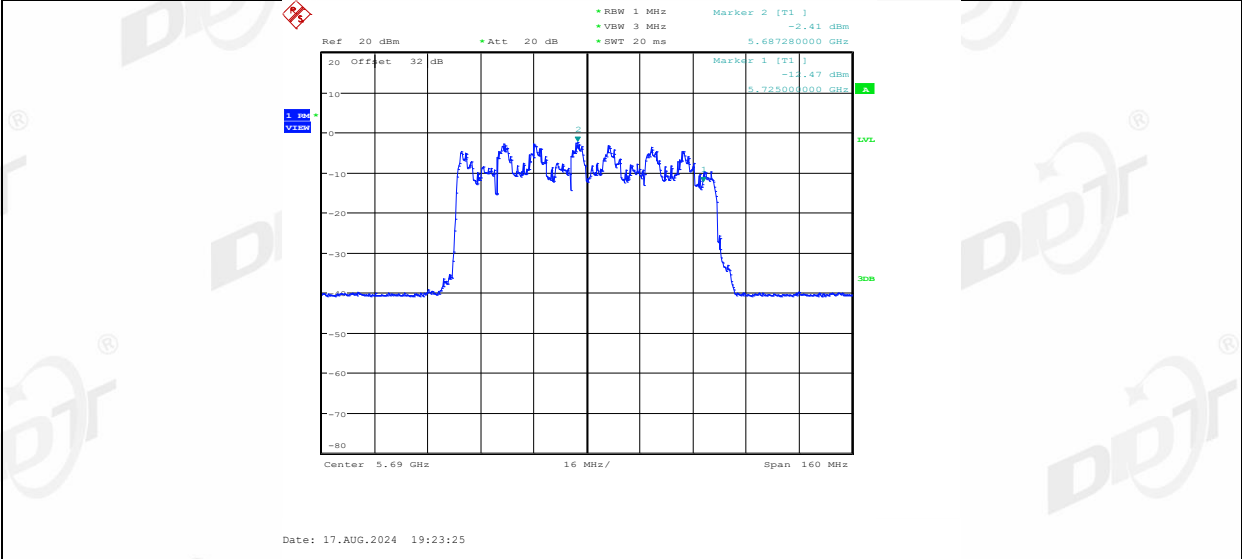
11AX80MIMO_Ant1_5610



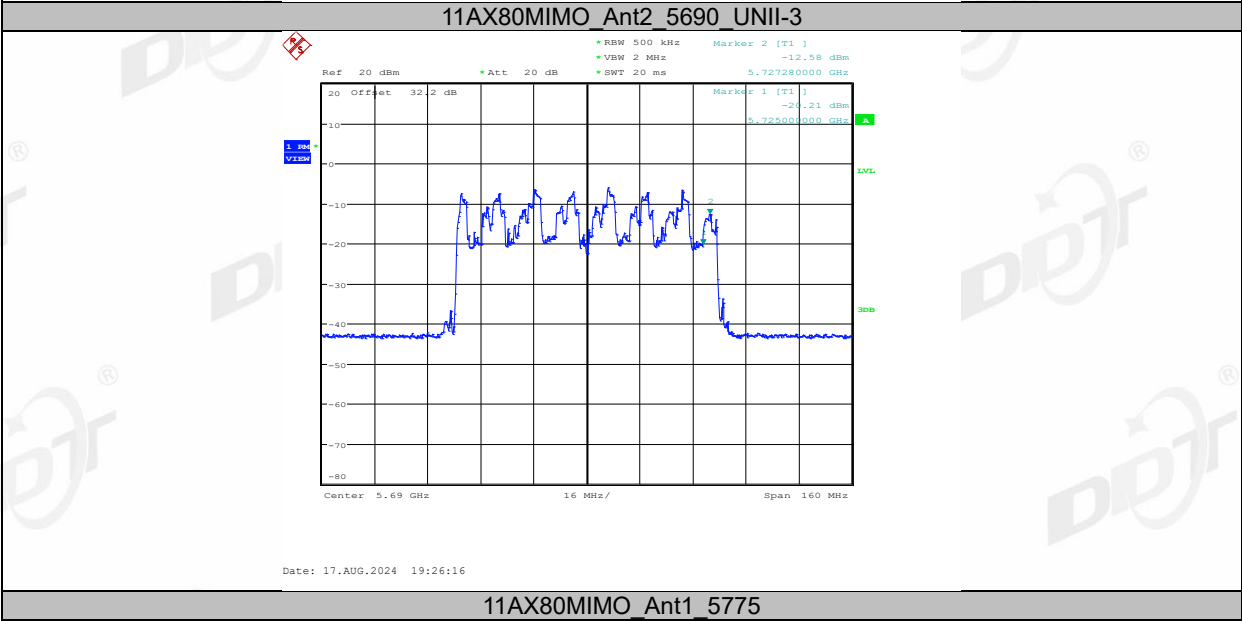
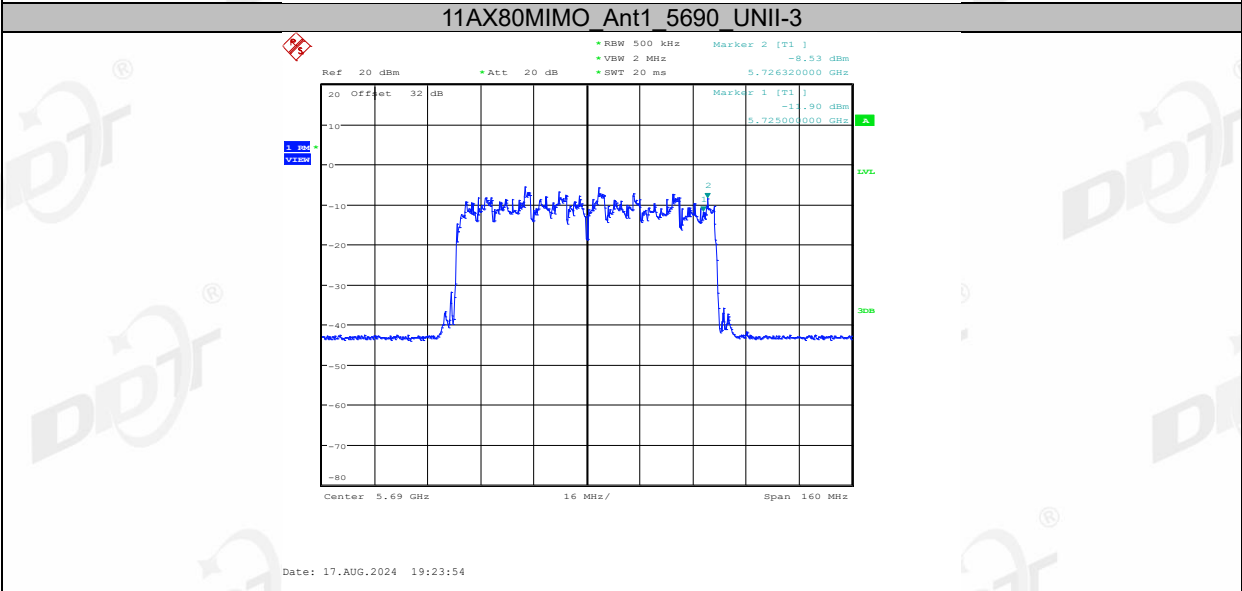
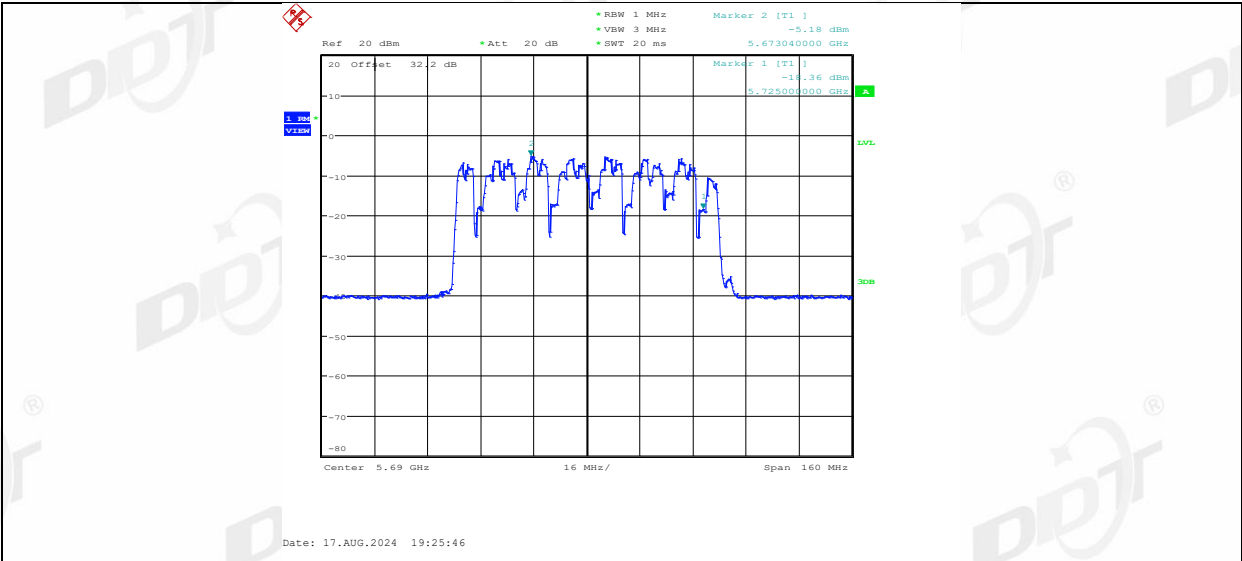
11AX80MIMO_Ant2_5610

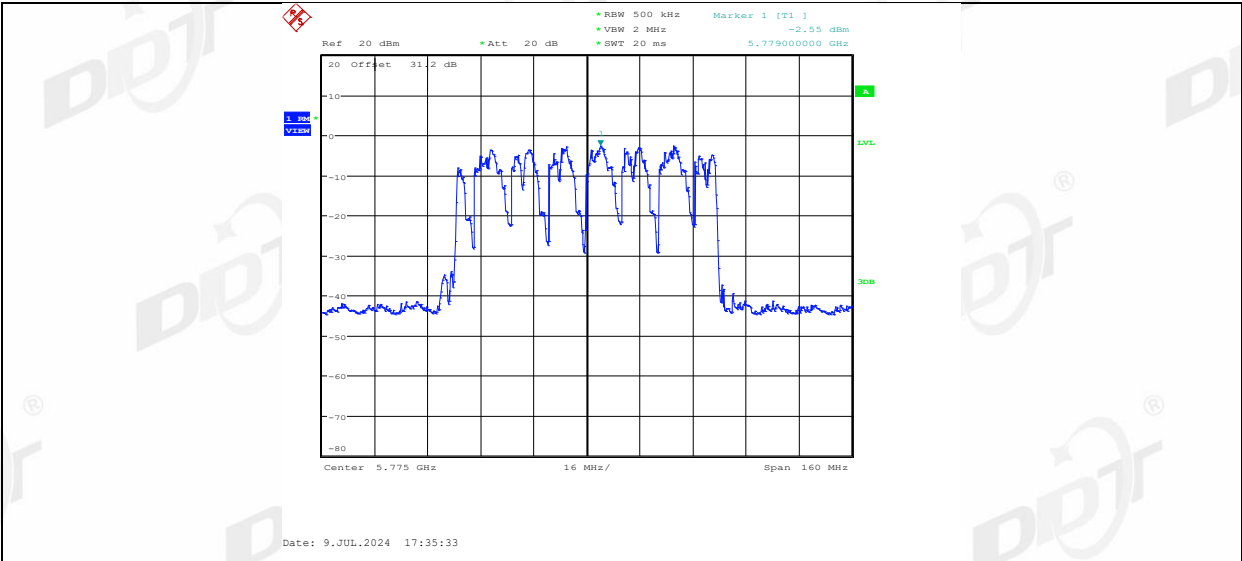


11AX80MIMO_Ant1_5690_UNII-2C

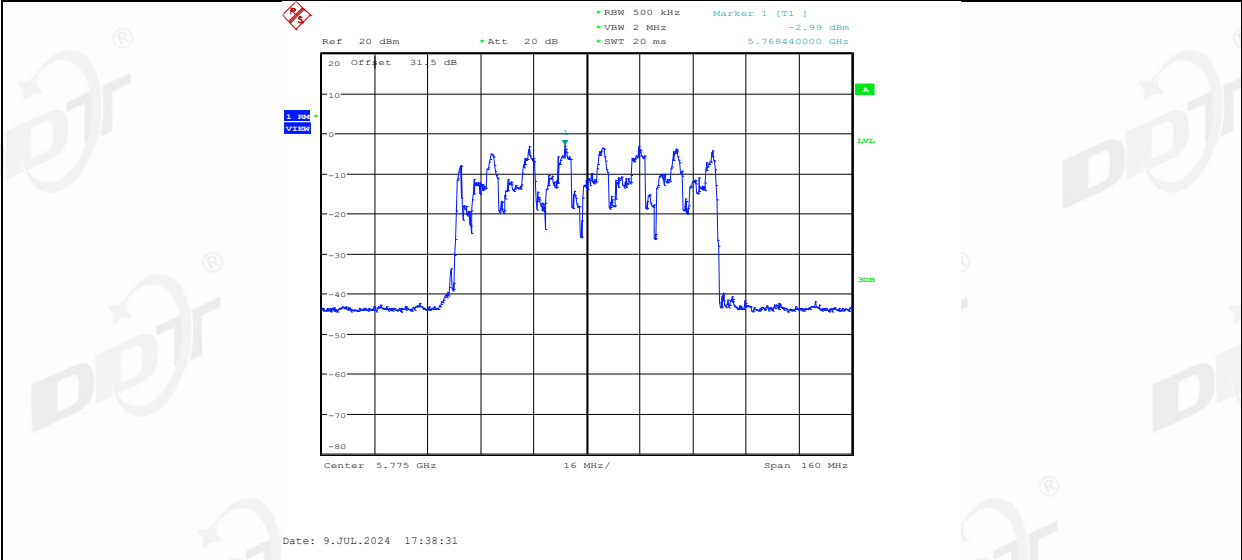


11AX80MIMO_Ant2_5690_UNII-2C





11AX80MIMO_Ant2_5775



10. Frequency Stability Measurement

10.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user’s manual.

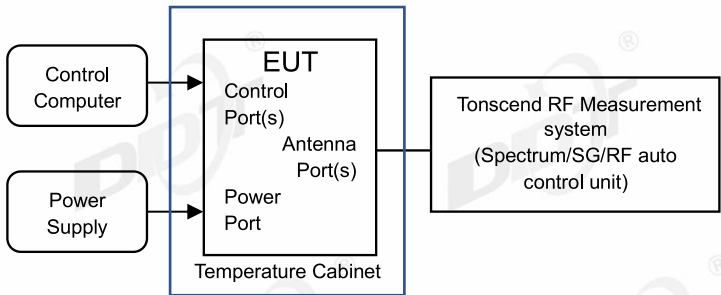
10.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

10.3. Test procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

10.4. Test setup



10.5. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 1#
Ambient Condition:	25.8℃,55.9%RH	Test Date:	2024.06.12-2024.08.18
Test Power Supply:	AC120V/60Hz	Sample Number:	S24051516-001

Voltage								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant2	5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	40000.00	7.692308	20	PASS
	Ant1	5240	NV	NT	20000.00	3.816794	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	40000.00	7.633588	20	PASS
	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
	Ant2	5260	NV	NT	20000.00	3.802281	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
	Ant1	5280	NV	NT	20000.00	3.787879	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.575758	20	PASS
	Ant2	5280	NV	NT	20000.00	3.787879	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5320	NV	NT	40000.00	7.518797	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5320	NV	NT	20000.00	3.759398	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.759398	20	PASS
	Ant1	5500	NV	NT	20000.00	3.636364	20	PASS
			LV	NT	40000.00	7.272727	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5500	NV	NT	20000.00	3.636364	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	40000.00	7.272727	20	PASS
	Ant1	5580	NV	NT	20000.00	3.584229	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	20000.00	3.584229	20	PASS
	Ant2	5580	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.584229	20	PASS
			HV	NT	40000.00	7.168459	20	PASS
	Ant1	5700	NV	NT	0.00	0.000000	20	PASS

			LV	NT	40000.00	7.017544	20	PASS
			HV	NT	20000.00	3.508772	20	PASS
			NV	NT	20000.00	3.508772	20	PASS
	Ant2	5700	LV	NT	20000.00	3.508772	20	PASS
			HV	NT	20000.00	3.508772	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5720	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5720	LV	NT	20000.00	3.496503	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	20000.00	3.481288	20	PASS
	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	20000.00	3.481288	20	PASS
	Ant2	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5785	LV	NT	20000.00	-3.457217	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	20000.00	3.457217	20	PASS
	Ant2	5785	LV	NT	40000.00	6.914434	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	-	-6.866953	20	PASS
	Ant1	5825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	-3.433476	20	PASS
			NV	NT	40000.00	-6.866953	20	PASS
	Ant2	5825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
			NV	NT	0.00	0.000000	20	PASS
11N20MIMO	Ant1	5180	LV	NT	20000.00	-3.861004	20	PASS
			HV	NT	20000.00	-3.861004	20	PASS
			NV	NT	20000.00	-3.861004	20	PASS
	Ant2	5180	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	-3.861004	20	PASS
			NV	NT	20000.00	-3.861004	20	PASS
		5700	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5720	LV	NT	20000.00	-3.496503	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	20000.00	-3.496503	20	PASS
	Ant2	5720	LV	NT	20000.00	3.496503	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5745	LV	NT	20000.00	3.481288	20	PASS
			HV	NT	40000.00	6.962576	20	PASS
			NV	NT	40000.00	6.962576	20	PASS
	Ant2	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.914434	20	PASS
			NV	NT	-	-6.914434	20	PASS

					40000.00			
			LV	NT	-	-6.914434	20	PASS
			HV	NT	40000.00	3.457217	20	PASS
			NV	NT	-	-3.433476	20	PASS
	Ant1	5825	LV	NT	20000.00	3.433476	20	PASS
			HV	NT	40000.00	6.866953	20	PASS
	Ant2	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5190	LV	NT	40000.00	7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.707129	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.648184	20	PASS
	Ant2	5230	NV	NT	-	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.648184	20	PASS
	Ant1	5270	NV	NT	-	-7.590133	20	PASS
			LV	NT	40000.00	7.590133	20	PASS
			HV	NT	40000.00	7.590133	20	PASS
	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-	-7.590133	20	PASS
			HV	NT	40000.00	7.590133	20	PASS
	Ant1	5310	NV	NT	40000.00	7.532957	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.532957	20	PASS
	Ant2	5310	NV	NT	40000.00	7.532957	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5510	NV	NT	40000.00	7.259528	20	PASS
			LV	NT	-	-14.519056	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5510	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-	-7.259528	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5550	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.207207	20	PASS
			HV	NT	40000.00	7.207207	20	PASS
	Ant2	5550	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5670	NV	NT	40000.00	7.054674	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5670	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.054674	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
	Ant1	5710	NV	NT	40000.00	7.005254	20	PASS
			LV	NT	-	-7.005254	20	PASS

	Ant2	5710	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-	-7.005254	20	PASS
			LV	NT	40000.00	0.000000	20	PASS
			HV	NT	40000.00	7.005254	20	PASS
	Ant1	5755	NV	NT	-	-6.950478	20	PASS
			LV	NT	40000.00	0.000000	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
	Ant2	5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	40000.00	6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	6.902502	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-	-	20	PASS
			HV	NT	80000.00	15.355086	20	PASS
	Ant2	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	15.122873	20	PASS
			HV	NT	-	-	20	PASS
	Ant1	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	80000.00	14.466546	20	PASS
	Ant2	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5690	NV	NT	-	-	20	PASS
			LV	NT	80000.00	14.059754	20	PASS
			HV	NT	80000.00	14.059754	20	PASS
	Ant2	5690	NV	NT	-	-	20	PASS
			LV	NT	80000.00	14.059754	20	PASS
			HV	NT	-	-	20	PASS
	Ant1	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	-	-	20	PASS
			HV	NT	80000.00	13.852814	20	PASS
	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-	20	PASS

Temperature

Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.861004	20	PASS
	Ant1	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	20000.00	3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.846154	20	PASS
	Ant2	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	20000.00	3.846154	20	PASS
			NV	-10	20000.00	3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.816794	20	PASS
	Ant2	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	7.633588	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS

			NV	40	-	-3.816794	20	PASS
			NV	50	20000.00	3.816794	20	PASS
	Ant1	5260	NV	-30	20000.00	3.802281	20	PASS
			NV	-20	20000.00	3.802281	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	-	-3.802281	20	PASS
			NV	30	20000.00	3.802281	20	PASS
			NV	40	-	-3.802281	20	PASS
			NV	50	40000.00	7.604563	20	PASS
			NV	-30	20000.00	3.802281	20	PASS
	Ant2	5260	NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-7.604563	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	20000.00	3.802281	20	PASS
			NV	30	40000.00	7.604563	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.802281	20	PASS
	Ant1	5280	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.787879	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.787879	20	PASS
			NV	10	20000.00	3.787879	20	PASS
			NV	20	20000.00	3.787879	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-3.787879	20	PASS
	Ant2	5280	NV	-30	-	-7.575758	20	PASS
			NV	-20	20000.00	3.787879	20	PASS
			NV	-10	40000.00	7.575758	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.787879	20	PASS
			NV	20	20000.00	3.787879	20	PASS
			NV	30	20000.00	3.787879	20	PASS
			NV	40	20000.00	3.787879	20	PASS
			NV	50	20000.00	3.787879	20	PASS
	Ant1	5320	NV	-30	-	-3.759398	20	PASS
			NV	-20	20000.00	3.759398	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.759398	20	PASS
			NV	10	40000.00	7.518797	20	PASS
			NV	20	-	-3.759398	20	PASS
			NV	30	20000.00	3.759398	20	PASS
			NV	40	40000.00	7.518797	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5320	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.759398	20	PASS
			NV	-10	40000.00	7.518797	20	PASS
			NV	0	20000.00	3.759398	20	PASS
			NV	10	20000.00	3.759398	20	PASS
			NV	20	20000.00	3.759398	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.759398	20	PASS

	Ant1	5500	NV	50	20000.00	3.759398	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	7.272727	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.636364	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	40000.00	7.272727	20	PASS
			NV	40	-	-3.636364	20	PASS
			NV	50	-	-3.636364	20	PASS
	Ant2	5500	NV	-30	20000.00	3.636364	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.636364	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.636364	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5580	NV	-30	40000.00	7.168459	20	PASS
			NV	-20	-	-3.584229	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.584229	20	PASS
			NV	10	20000.00	3.584229	20	PASS
			NV	20	-	-3.584229	20	PASS
			NV	30	20000.00	3.584229	20	PASS
			NV	40	20000.00	3.584229	20	PASS
			NV	50	40000.00	7.168459	20	PASS
	Ant2	5580	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.584229	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.584229	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.584229	20	PASS
			NV	40	20000.00	3.584229	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5700	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-3.508772	20	PASS
			NV	10	20000.00	3.508772	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5700	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.508772	20	PASS
			NV	10	40000.00	7.017544	20	PASS
			NV	20	20000.00	3.508772	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.508772	20	PASS
	Ant1	5720	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.496503	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-3.496503	20	PASS

					20000.00			
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.496503	20	PASS
			NV	30	-	-6.993007	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5720	NV	50	0.00	0.000000	20	PASS
			NV	-30	20000.00	3.496503	20	PASS
			NV	-20	20000.00	3.496503	20	PASS
			NV	-10	20000.00	3.496503	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.496503	20	PASS
			NV	50	20000.00	3.496503	20	PASS
	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	-	-3.481288	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	20000.00	3.481288	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5785	NV	-30	20000.00	3.457217	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.457217	20	PASS
			NV	30	20000.00	3.457217	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
	Ant2	5785	NV	-30	-	-3.457217	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.457217	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	-	-3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.433476	20	PASS
			NV	10	20000.00	3.433476	20	PASS
			NV	20	60000.00	10.300429	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS

11N20MIMO	Ant2	5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	20000.00	3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.866953	20	PASS
			NV	10	-	-	20	PASS
			NV	20	60000.00	10.300429	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.433476	20	PASS
			NV	50	40000.00	6.866953	20	PASS
	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	20000.00	3.861004	20	PASS
		5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.861004	20	PASS
			NV	-10	20000.00	-3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	-3.861004	20	PASS
		5700	NV	-30	20000.00	3.508772	20	PASS
			NV	-20	20000.00	3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.508772	20	PASS
			NV	20	40000.00	7.017544	20	PASS
			NV	30	20000.00	3.508772	20	PASS
			NV	40	60000.00	10.526316	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5720	NV	-30	-	-3.496503	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.496503	20	PASS
			NV	0	20000.00	-3.496503	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5720	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.496503	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.496503	20	PASS
			NV	10	20000.00	3.496503	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.496503	20	PASS
	Ant1	5745	NV	-30	40000.00	6.962576	20	PASS

			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-6.962576	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-3.481288	20	PASS
	Ant1	5785	NV	50	20000.00	3.481288	20	PASS
			NV	-30	20000.00	3.457217	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-	-6.914434	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	-	-3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	5785	NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
			NV	-30	20000.00	3.457217	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	20000.00	3.457217	20	PASS
	Ant1	5825	NV	30	20000.00	3.457217	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-	-3.433476	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	5825	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
11N40MIMO	Ant1	5190	NV	10	20000.00	3.433476	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	6.866953	20	PASS
			NV	40	-	-6.866953	20	PASS
			NV	50	20000.00	3.433476	20	PASS
			NV	-30	80000.00	15.414258	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	- 40000.00	-7.707129	20	PASS
			NV	20	- 40000.00	-7.707129	20	PASS
			NV	30	- 40000.00	-7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	- 40000.00	-7.707129	20	PASS
	Ant2	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	- 40000.00	-7.707129	20	PASS
			NV	10	80000.00	15.414258	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	- 40000.00	-7.707129	20	PASS
	Ant1	5230	NV	-30	- 40000.00	-7.648184	20	PASS
			NV	-20	80000.00	15.296367	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 40000.00	-7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	- 80000.00	15.296367	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	- 40000.00	-7.648184	20	PASS
	Ant1	5270	NV	-30	- 80000.00	15.180266	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.590133	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.180266	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	- 40000.00	-7.590133	20	PASS
			NV	30	- 40000.00	-7.590133	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5310	NV	-30	0.00	0.000000	20	PASS

			NV	-20	- 40000.00	-7.532957	20	PASS
			NV	-10	- 80000.00	15.065913	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.532957	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 80000.00	15.065913	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5310	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	- 40000.00	-7.532957	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.532957	20	PASS
			NV	20	40000.00	7.532957	20	PASS
			NV	30	40000.00	7.532957	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5510	NV	50	0.00	0.000000	20	PASS
			NV	-30	40000.00	7.259528	20	PASS
			NV	-20	- 40000.00	-7.259528	20	PASS
			NV	-10	40000.00	7.259528	20	PASS
			NV	0	- 40000.00	-7.259528	20	PASS
			NV	10	40000.00	7.259528	20	PASS
			NV	20	- 40000.00	-7.259528	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	5510	NV	40	40000.00	7.259528	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.259528	20	PASS
			NV	0	- 80000.00	14.519056	20	PASS
			NV	10	- 40000.00	-7.259528	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	5550	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	- 40000.00	-7.207207	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	- 40000.00	-7.207207	20	PASS
			NV	0	- 40000.00	-7.207207	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	5550	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.207207	20	PASS
			NV	50	40000.00	7.207207	20	PASS
			NV	-30	40000.00	7.207207	20	PASS
			NV	-20	- 80000.00	14.414414	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.207207	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-7.207207	20	PASS
Ant1	5670		NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.054674	20	PASS
			NV	40	0.00	0.000000	20	PASS
Ant2	5670		NV	50	-	-7.054674	20	PASS
			NV	-30	80000.00	14.109347	20	PASS
			NV	-20	-	-7.054674	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	80000.00	14.109347	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
Ant1	5710		NV	40	-	-7.054674	20	PASS
			NV	50	40000.00	7.054674	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant2	5710		NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.005254	20	PASS
			NV	50	40000.00	7.005254	20	PASS
			NV	-30	40000.00	7.005254	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant1	5755		NV	20	-	-7.005254	20	PASS
			NV	30	-	-7.005254	20	PASS
			NV	40	-	-7.005254	20	PASS
			NV	50	-	-	20	PASS
			NV	-30	80000.00	14.010508	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.950478	20	PASS
Ant2	5755		NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	-	-6.950478	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	13.900956	20	PASS
			NV	-10	80000.00	13.900956	20	PASS
			NV	0	0.00	0.000000	20	PASS

11AC80MIMO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-6.950478	20	PASS
			NV	50	40000.00	6.950478	20	PASS
			NV	-30	40000.00	6.902502	20	PASS
			NV	-20	-	-	20	PASS
			NV	-20	80000.00	13.805004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	40000.00	6.902502	20	PASS
	Ant2	5795	NV	-30	-	-6.902502	20	PASS
			NV	-30	40000.00	-6.902502	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-6.902502	20	PASS
			NV	20	40000.00	-6.902502	20	PASS
			NV	30	-	-6.902502	20	PASS
			NV	30	40000.00	-6.902502	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-	20	PASS
			NV	50	80000.00	15.355086	20	PASS
	Ant2	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-	20	PASS
			NV	-20	80000.00	15.355086	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.355086	20	PASS
			NV	40	80000.00	15.355086	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5290	NV	-30	80000.00	15.122873	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-	20	PASS
			NV	30	80000.00	15.122873	20	PASS
			NV	40	80000.00	15.122873	20	PASS
			NV	50	-	-	20	PASS
			NV	50	80000.00	15.122873	20	PASS
	Ant2	5290	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	-	80000.00	15.122873	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	15.122873	15.122873	20	PASS
			NV	40	80000.00	15.122873	15.122873	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
	Ant1	5530	NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	80000.00	14.466546	14.466546	20	PASS
			NV	0	-	80000.00	14.466546	20	PASS
			NV	10	80000.00	14.466546	14.466546	20	PASS
			NV	20	-	80000.00	14.466546	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	80000.00	14.466546	14.466546	20	PASS
	Ant2	5530	NV	-20	-	80000.00	14.466546	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	14.466546	14.466546	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	80000.00	14.466546	14.466546	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
	Ant1	5610	NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	80000.00	14.260250	14.260250	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	14.260250	14.260250	20	PASS
			NV	40	80000.00	14.260250	14.260250	20	PASS
			NV	50	80000.00	14.260250	14.260250	20	PASS
			NV	-30	80000.00	14.260250	14.260250	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
	Ant2	5610	NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	-	80000.00	14.059754	20	PASS
			NV	0	-	80000.00	14.059754	20	PASS
	Ant1	5690	NV	10	-	80000.00	14.059754	20	PASS
			NV	20	-	80000.00	14.059754	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	80000.00	14.059754	14.059754	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	-	80000.00	14.059754	20	PASS
			NV	0	-	80000.00	14.059754	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
	Ant2	5690	NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	80000.00	14.059754	14.059754	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-	20	PASS
			NV	20	80000.00	13.852814	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
	Ant2	5775	NV	-20	80000.00	13.852814	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	13.852814	20	PASS
			NV	50	0.00	0.000000	20	PASS

11. Antenna Requirements

11.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2. Result

The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.