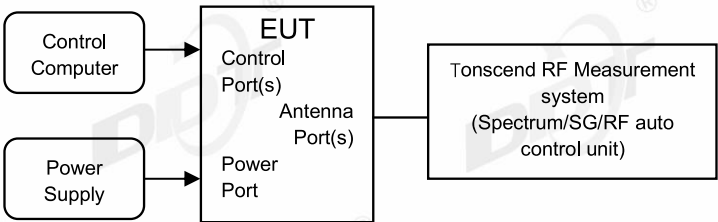


8. Maximum Output Power

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:B=26 bandwidth The Antenna directional gain is 8.19 dBi. Power Spectral Density limit is the above limits-(8.19-6) dB		

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:	Haofeng	Test Site:	RF Measurement System 1#
Ambient Condition:	24.6℃,46.8%RH	Test Date:	2024.10.19/2024.12.11~2025.01.16
Test Power Supply:	AC120V/60Hz	Sample Number:	S24091913-002

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	95.89	0.18	16.58	≤30.00	PASS
	Ant2	5180	95.24	0.21	15.01	≤30.00	PASS
	Ant1	5200	95.89	0.18	16.48	≤30.00	PASS
	Ant2	5200	95.89	0.18	14.59	≤30.00	PASS
	Ant1	5240	95.89	0.18	15.82	≤30.00	PASS
	Ant2	5240	95.24	0.21	14.58	≤30.00	PASS
	Ant1	5260	95.24	0.21	6.66	≤23.98	PASS
			95.24	0.21	13.12	≤23.98	PASS
	Ant2	5260	95.89	0.18	3.73	≤23.98	PASS
			95.89	0.18	10.09	≤23.98	PASS
	Ant1	5280	95.24	0.21	6.59	≤23.98	PASS
			95.24	0.21	13.05	≤23.98	PASS
	Ant2	5280	95.24	0.21	3.51	≤23.98	PASS
			95.24	0.21	9.89	≤23.98	PASS
	Ant1	5320	95.89	0.18	6.82	≤23.98	PASS
			95.89	0.18	13.29	≤23.98	PASS
	Ant2	5320	95.89	0.18	4.27	≤23.98	PASS
			95.89	0.18	10.67	≤23.98	PASS
	Ant1	5500	95.24	0.21	10.35	≤23.98	PASS
			95.24	0.21	16.70	≤23.98	PASS
	Ant2	5500	95.24	0.21	6.35	≤23.98	PASS
			95.24	0.21	12.77	≤23.98	PASS
	Ant1	5580	95.24	0.21	11.43	≤23.98	PASS
			95.24	0.21	17.87	≤23.98	PASS
	Ant2	5580	95.24	0.21	8.46	≤23.98	PASS
			95.24	0.21	14.89	≤23.98	PASS
	Ant1	5700	95.89	0.18	9.49	≤23.98	PASS
			95.89	0.18	15.89	≤23.98	PASS
	Ant2	5700	95.92	0.18	0.97	≤23.98	PASS
			95.92	0.18	7.37	≤23.98	PASS
	Ant1	5720	95.92	0.18	5.22	≤23.98	PASS
			95.92	0.18	11.64	≤23.98	PASS
	Ant2	5720	95.89	0.18	5.35	≤23.98	PASS
			95.89	0.18	11.71	≤23.98	PASS
	Ant1	5745	95.24	0.21	7.65	≤30.00	PASS
	Ant2	5745	95.92	0.18	6.93	≤30.00	PASS
	Ant1	5785	95.92	0.18	7.05	≤30.00	PASS
	Ant2	5785	95.92	0.18	6.87	≤30.00	PASS
	Ant1	5825	95.89	0.18	6.68	≤30.00	PASS
	Ant2	5825	95.24	0.21	7.02	≤30.00	PASS
11N20MIMO	Ant1	5180	90.67	0.43	13.91	≤27.81	PASS
	Ant2	5180	90.67	0.43	14.63	≤27.81	PASS
	total	5180	---	---	17.30	≤27.81	PASS
	Ant1	5200	90.67	0.43	13.56	≤27.81	PASS
	Ant2	5200	90.67	0.43	14.77	≤27.81	PASS
	total	5200	---	---	17.22	≤27.81	PASS
	Ant1	5240	91.89	0.37	12.89	≤27.81	PASS
	Ant2	5240	90.67	0.43	14.46	≤27.81	PASS
	total	5240	---	---	16.76	≤27.81	PASS
	Ant1	5260	90.67	0.43	4.19	≤21.79	PASS
			90.67	0.43	10.72	≤21.79	PASS
	Ant2	5260	91.89	0.37	4.37	≤21.79	PASS
			91.89	0.37	10.72	≤21.79	PASS
	total	5260	---	---	7.29	≤21.79	PASS

	Ant1	5280	---	---	13.73	≤ 21.79	PASS
			90.67	0.43	4.13	≤ 21.79	PASS
			90.67	0.43	10.45	≤ 21.79	PASS
	Ant2	5280	91.89	0.37	4.16	≤ 21.79	PASS
			91.89	0.37	10.49	≤ 21.79	PASS
	total	5280	---	---	7.16	≤ 21.79	PASS
			---	---	13.48	≤ 21.79	PASS
	Ant1	5320	90.67	0.43	4.38	≤ 21.79	PASS
			90.67	0.43	10.73	≤ 21.79	PASS
	Ant2	5320	90.67	0.43	5.05	≤ 21.79	PASS
			90.67	0.43	11.45	≤ 21.79	PASS
	total	5320	---	---	7.74	≤ 21.79	PASS
			---	---	14.12	≤ 21.79	PASS
	Ant1	5500	91.89	0.37	6.67	≤ 21.79	PASS
			91.89	0.37	13.17	≤ 21.79	PASS
	Ant2	5500	91.89	0.37	6.66	≤ 21.79	PASS
			91.89	0.37	13.16	≤ 21.79	PASS
	total	5500	---	---	9.68	≤ 21.79	PASS
			---	---	16.18	≤ 21.79	PASS
	Ant1	5580	90.67	0.43	7.90	≤ 21.79	PASS
			90.67	0.43	14.44	≤ 21.79	PASS
	Ant2	5580	91.89	0.37	8.83	≤ 21.79	PASS
			91.89	0.37	15.31	≤ 21.79	PASS
	total	5580	---	---	11.40	≤ 21.79	PASS
			---	---	17.91	≤ 21.79	PASS
	Ant1	5700	90.67	0.43	1.31	≤ 21.79	PASS
			90.67	0.43	7.75	≤ 21.79	PASS
	Ant2	5700	90.67	0.43	1.26	≤ 21.79	PASS
			90.67	0.43	7.81	≤ 21.79	PASS
	total	5700	---	---	4.30	≤ 21.79	PASS
			---	---	10.79	≤ 21.79	PASS
	Ant1	5720	91.89	0.37	2.38	≤ 21.79	PASS
			91.89	0.37	8.82	≤ 21.79	PASS
	Ant2	5720	90.67	0.43	2.37	≤ 21.79	PASS
			90.67	0.43	8.94	≤ 21.79	PASS
	total	5720	---	---	5.39	≤ 21.79	PASS
			---	---	11.89	≤ 21.79	PASS
	Ant1	5745	91.89	0.37	6.55	≤ 27.81	PASS
	Ant2	5745	90.67	0.43	5.93	≤ 27.81	PASS
	total	5745	---	---	9.26	≤ 27.81	PASS
	Ant1	5785	90.67	0.43	6.10	≤ 27.81	PASS
	Ant2	5785	90.67	0.43	5.96	≤ 27.81	PASS
	total	5785	---	---	9.04	≤ 27.81	PASS
	Ant1	5825	90.67	0.43	5.70	≤ 27.81	PASS
	Ant2	5825	90.67	0.43	6.19	≤ 27.81	PASS
	total	5825	---	---	8.96	≤ 27.81	PASS
11N40MIMO	Ant1	5190	85.37	0.69	15.54	≤ 27.81	PASS
	Ant2	5190	85.37	0.69	16.54	≤ 27.81	PASS
	total	5190	---	---	19.08	≤ 27.81	PASS
	Ant1	5230	85.37	0.69	15.15	≤ 27.81	PASS
	Ant2	5230	85.37	0.69	16.50	≤ 27.81	PASS
	total	5230	---	---	18.89	≤ 27.81	PASS
	Ant1	5270	85.37	0.69	5.66	≤ 21.79	PASS
			85.37	0.69	12.09	≤ 21.79	PASS
	Ant2	5270	85.37	0.69	5.81	≤ 21.79	PASS
			85.37	0.69	12.25	≤ 21.79	PASS
	total	5270	---	---	8.75	≤ 21.79	PASS
			---	---	15.18	≤ 21.79	PASS
	Ant1	5310	83.33	0.79	5.88	≤ 21.79	PASS
			83.33	0.79	12.27	≤ 21.79	PASS
	Ant2	5310	83.33	0.79	6.57	≤ 21.79	PASS
			83.33	0.79	13.05	≤ 21.79	PASS
	total	5310	---	---	9.25	≤ 21.79	PASS
			---	---	15.69	≤ 21.79	PASS

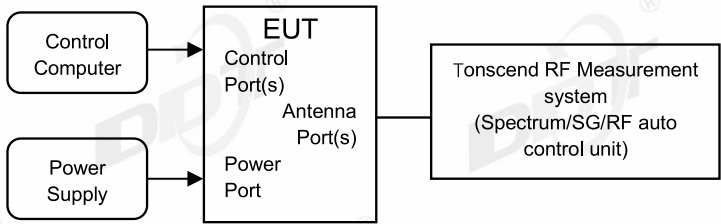
	Ant1	5510	83.33	0.79	8.86	≤21.79	PASS
			83.33	0.79	15.43	≤21.79	PASS
	Ant2	5510	83.33	0.79	8.78	≤21.79	PASS
			83.33	0.79	15.27	≤21.79	PASS
	total	5510	---	---	11.83	≤21.79	PASS
			---	---	18.36	≤21.79	PASS
	Ant1	5550	83.33	0.79	9.22	≤21.79	PASS
			83.33	0.79	15.58	≤21.79	PASS
	Ant2	5550	83.33	0.79	9.29	≤21.79	PASS
			83.33	0.79	15.50	≤21.79	PASS
	total	5550	---	---	12.27	≤21.79	PASS
			---	---	18.55	≤21.79	PASS
	Ant1	5670	85.37	0.69	3.32	≤21.79	PASS
			85.37	0.69	9.65	≤21.79	PASS
	Ant2	5670	83.33	0.79	3.61	≤21.79	PASS
			83.33	0.79	10.18	≤21.79	PASS
	total	5670	---	---	6.48	≤21.79	PASS
			---	---	12.93	≤21.79	PASS
	Ant1	5710	85.37	0.69	2.45	≤21.79	PASS
			85.37	0.69	8.96	≤21.79	PASS
	Ant2	5710	85.37	0.69	2.54	≤21.79	PASS
			85.37	0.69	9.16	≤21.79	PASS
	total	5710	---	---	5.51	≤21.79	PASS
			---	---	12.07	≤21.79	PASS
	Ant1	5755	83.33	0.79	6.62	≤27.81	PASS
	Ant2	5755	85.37	0.69	5.92	≤27.81	PASS
	total	5755	---	---	9.29	≤27.81	PASS
	Ant1	5795	85.37	0.69	5.94	≤27.81	PASS
	Ant2	5795	85.37	0.69	5.82	≤27.81	PASS
	total	5795	---	---	8.89	≤27.81	PASS
11AC20MIMO	Ant1	5180	92.00	0.36	13.29	≤27.81	PASS
	Ant2	5180	92.00	0.36	14.39	≤27.81	PASS
	total	5180	---	---	16.89	≤27.81	PASS
	Ant1	5200	90.67	0.43	13.19	≤27.81	PASS
	Ant2	5200	90.67	0.43	14.41	≤27.81	PASS
	total	5200	---	---	16.85	≤27.81	PASS
	Ant1	5240	90.67	0.43	12.65	≤27.81	PASS
	Ant2	5240	92.00	0.36	13.75	≤27.81	PASS
	total	5240	---	---	16.25	≤27.81	PASS
	Ant1	5260	92.00	0.36	4.23	≤21.79	PASS
			92.00	0.36	10.64	≤21.79	PASS
	Ant2	5260	90.67	0.43	4.42	≤21.79	PASS
			90.67	0.43	10.94	≤21.79	PASS
	total	5260	---	---	7.34	≤21.79	PASS
			---	---	13.80	≤21.79	PASS
	Ant1	5280	92.00	0.36	4.01	≤21.79	PASS
			92.00	0.36	10.46	≤21.79	PASS
	Ant2	5280	90.67	0.43	4.21	≤21.79	PASS
			90.67	0.43	10.69	≤21.79	PASS
	total	5280	---	---	7.12	≤21.79	PASS
			---	---	13.59	≤21.79	PASS
	Ant1	5320	91.89	0.37	4.18	≤21.79	PASS
			91.89	0.37	10.66	≤21.79	PASS
	Ant2	5320	90.67	0.43	5.05	≤21.79	PASS
			90.67	0.43	11.56	≤21.79	PASS
	total	5320	---	---	7.65	≤21.79	PASS
			---	---	14.14	≤21.79	PASS
	Ant1	5500	90.67	0.43	6.23	≤21.79	PASS
			90.67	0.43	12.65	≤21.79	PASS
	Ant2	5500	90.67	0.43	6.31	≤21.79	PASS
			90.67	0.43	11.57	≤21.79	PASS
	total	5500	---	---	9.28	≤21.79	PASS
			---	---	15.15	≤21.79	PASS
	Ant1	5580	92.00	0.36	7.25	≤21.79	PASS

	Ant2	5580	92.00	0.36	13.69	≤21.79	PASS
			90.67	0.43	7.87	≤21.79	PASS
			90.67	0.43	13.97	≤21.79	PASS
	total	5580	---	---	10.58	≤21.79	PASS
			---	---	16.84	≤21.79	PASS
	Ant1	5700	90.67	0.43	1.86	≤21.79	PASS
			90.67	0.43	8.32	≤21.79	PASS
	Ant2	5700	90.67	0.43	1.75	≤21.79	PASS
			90.67	0.43	8.40	≤21.79	PASS
	total	5700	---	---	4.82	≤21.79	PASS
			---	---	11.37	≤21.79	PASS
	Ant1	5720	92.00	0.36	2.42	≤21.79	PASS
			92.00	0.36	8.85	≤21.79	PASS
	Ant2	5720	92.00	0.36	2.35	≤21.79	PASS
			92.00	0.36	8.92	≤21.79	PASS
	total	5720	---	---	5.40	≤21.79	PASS
			---	---	11.90	≤21.79	PASS
	Ant1	5745	92.00	0.36	6.54	≤27.81	PASS
	Ant2	5745	92.00	0.36	5.79	≤27.81	PASS
	total	5745	---	---	9.19	≤27.81	PASS
	Ant1	5785	90.67	0.43	6.13	≤27.81	PASS
	Ant2	5785	92.00	0.36	5.82	≤27.81	PASS
	total	5785	---	---	8.99	≤27.81	PASS
	Ant1	5825	90.67	0.43	5.74	≤27.81	PASS
	Ant2	5825	92.00	0.36	6.01	≤27.81	PASS
	total	5825	---	---	8.89	≤27.81	PASS
11AC40MIMO	Ant1	5190	85.37	0.69	13.17	≤27.81	PASS
	Ant2	5190	85.37	0.69	14.32	≤27.81	PASS
	total	5190	---	---	16.79	≤27.81	PASS
	Ant1	5230	85.37	0.69	12.67	≤27.81	PASS
	Ant2	5230	83.33	0.79	14.28	≤27.81	PASS
	total	5230	---	---	16.56	≤27.81	PASS
	Ant1	5270	83.33	0.79	5.65	≤21.79	PASS
			83.33	0.79	12.22	≤21.79	PASS
	Ant2	5270	85.37	0.69	5.82	≤21.79	PASS
			85.37	0.69	12.48	≤21.79	PASS
	total	5270	---	---	8.75	≤21.79	PASS
			---	---	15.36	≤21.79	PASS
	Ant1	5310	83.33	0.79	5.78	≤21.79	PASS
			83.33	0.79	12.30	≤21.79	PASS
	Ant2	5310	85.37	0.69	6.46	≤21.79	PASS
			85.37	0.69	13.02	≤21.79	PASS
	total	5310	---	---	9.14	≤21.79	PASS
			---	---	15.69	≤21.79	PASS
	Ant1	5510	85.37	0.69	8.82	≤21.79	PASS
			85.37	0.69	15.34	≤21.79	PASS
	Ant2	5510	85.37	0.69	8.64	≤21.79	PASS
			85.37	0.69	15.32	≤21.79	PASS
	total	5510	---	---	11.74	≤21.79	PASS
			---	---	18.34	≤21.79	PASS
	Ant1	5550	85.37	0.69	9.60	≤21.79	PASS
			85.37	0.69	16.18	≤21.79	PASS
	Ant2	5550	85.37	0.69	9.68	≤21.79	PASS
			85.37	0.69	16.23	≤21.79	PASS
	total	5550	---	---	12.65	≤21.79	PASS
			---	---	19.22	≤21.79	PASS
	Ant1	5670	85.37	0.69	10.09	≤21.79	PASS
			85.37	0.69	16.61	≤21.79	PASS
	Ant2	5670	83.33	0.79	10.37	≤21.79	PASS
			83.33	0.79	16.84	≤21.79	PASS
	total	5670	---	---	13.24	≤21.79	PASS
			---	---	19.74	≤21.79	PASS
	Ant1	5710	85.37	0.69	2.40	≤21.79	PASS
			85.37	0.69	8.89	≤21.79	PASS

	Ant2	5710	85.37	0.69	2.65	≤21.79	PASS
			85.37	0.69	9.16	≤21.79	PASS
	total	5710	---	---	5.54	≤21.79	PASS
			---	---	12.04	≤21.79	PASS
	Ant1	5755	85.37	0.69	6.45	≤27.81	PASS
	Ant2	5755	83.33	0.79	6.00	≤27.81	PASS
	total	5755	---	---	9.24	≤27.81	PASS
	Ant1	5795	85.37	0.69	5.97	≤27.81	PASS
	Ant2	5795	85.37	0.69	5.84	≤27.81	PASS
11AC80MIMO	total	5795	---	---	8.92	≤27.81	PASS
	Ant1	5210	76.00	1.19	9.92	≤27.81	PASS
	Ant2	5210	76.00	1.19	11.21	≤27.81	PASS
	total	5210	---	---	13.62	≤27.81	PASS
	Ant1	5290	76.00	1.19	2.64	≤21.79	PASS
			76.00	1.19	9.11	≤21.79	PASS
	Ant2	5290	76.00	1.19	2.63	≤21.79	PASS
			76.00	1.19	9.20	≤21.79	PASS
	total	5290	---	---	5.65	≤21.79	PASS
			---	---	12.17	≤21.79	PASS
	Ant1	5530	76.00	1.19	5.85	≤21.79	PASS
			76.00	1.19	12.35	≤21.79	PASS
	Ant2	5530	76.00	1.19	5.81	≤21.79	PASS
			76.00	1.19	12.33	≤21.79	PASS
	total	5530	---	---	8.84	≤21.79	PASS
			---	---	15.35	≤21.79	PASS
	Ant1	5610	76.00	1.19	5.83	≤21.79	PASS
			76.00	1.19	12.36	≤21.79	PASS
	Ant2	5610	75.00	1.25	6.96	≤21.79	PASS
			75.00	1.25	13.44	≤21.79	PASS
	total	5610	---	---	9.44	≤21.79	PASS
			---	---	15.94	≤21.79	PASS
	Ant1	5690	75.00	1.25	3.13	≤21.79	PASS
			75.00	1.25	9.59	≤21.79	PASS
	Ant2	5690	75.00	1.25	3.28	≤21.79	PASS
			75.00	1.25	9.82	≤21.79	PASS
	total	5690	---	---	6.22	≤21.79	PASS
			---	---	12.72	≤21.79	PASS
	Ant1	5775	75.00	1.25	6.21	≤27.81	PASS
	Ant2	5775	75.00	1.25	5.87	≤27.81	PASS
	total	5775	---	---	9.05	≤27.81	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, the EUT incorporates a MIMO function. The Antenna directional gain is 8.19 dBi. Power Spectral Density limit is the above limits-(8.19-6) 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:	Haofeng	Test Site:	RF Measurement System 1#
Ambient Condition:	24.6℃,46.8%RH	Test Date:	2024.10.19/2024.12.11~2025.01.16
Test Power Supply:	AC120V/60Hz	Sample Number:	S24091913-002

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.12	≤ 17.00	PASS
	Ant2	5180	4.73	≤ 17.00	PASS
	Ant1	5200	5.22	≤ 17.00	PASS
	Ant2	5200	3.68	≤ 17.00	PASS
	Ant1	5240	5.21	≤ 17.00	PASS
	Ant2	5240	4.13	≤ 17.00	PASS
	Ant1	5260	2.40	≤ 11.00	PASS
	Ant2	5260	-0.59	≤ 11.00	PASS
	Ant1	5280	2.30	≤ 11.00	PASS
	Ant2	5280	-0.48	≤ 11.00	PASS
	Ant1	5320	2.38	≤ 11.00	PASS
	Ant2	5320	0.09	≤ 11.00	PASS
	Ant1	5500	6.26	≤ 11.00	PASS
	Ant2	5500	2.33	≤ 11.00	PASS
	Ant1	5580	6.80	≤ 11.00	PASS
	Ant2	5580	4.22	≤ 11.00	PASS
	Ant1	5700	5.25	≤ 11.00	PASS
	Ant2	5700	-3.00	≤ 11.00	PASS
	Ant1	5720 UNII-2C	0.64	≤ 11.00	PASS
	Ant2	5720 UNII-2C	0.81	≤ 11.00	PASS
	Ant1	5720 UNII-3	-4.45	≤ 30.00	PASS
	Ant2	5720 UNII-3	-4.28	≤ 30.00	PASS
	Ant1	5745	-5.59	≤ 30.00	PASS
	Ant2	5745	-6.01	≤ 30.00	PASS
	Ant1	5785	-6.62	≤ 30.00	PASS
	Ant2	5785	-6.62	≤ 30.00	PASS
	Ant1	5825	-7.09	≤ 30.00	PASS
	Ant2	5825	-6.37	≤ 30.00	PASS
11N20MIMO	Ant1	5180	3.35	≤ 14.81	PASS
	Ant2	5180	4.36	≤ 14.81	PASS
	total	5180	6.89	≤ 14.81	PASS
	Ant1	5200	2.30	≤ 14.81	PASS
	Ant2	5200	3.68	≤ 14.81	PASS
	total	5200	6.05	≤ 14.81	PASS
	Ant1	5240	2.37	≤ 14.81	PASS
	Ant2	5240	3.89	≤ 14.81	PASS
	total	5240	6.21	≤ 14.81	PASS
	Ant1	5260	-0.18	≤ 8.81	PASS
	Ant2	5260	-0.15	≤ 8.81	PASS
	total	5260	2.85	≤ 8.81	PASS
	Ant1	5280	-0.27	≤ 8.81	PASS
	Ant2	5280	0.07	≤ 8.81	PASS
	total	5280	2.91	≤ 8.81	PASS
	Ant1	5320	-0.33	≤ 8.81	PASS
	Ant2	5320	0.71	≤ 8.81	PASS
	total	5320	3.23	≤ 8.81	PASS

	Ant1	5500	2.71	≤8.81	PASS
	Ant2	5500	2.67	≤8.81	PASS
	total	5500	5.70	≤8.81	PASS
	Ant1	5580	3.12	≤8.81	PASS
	Ant2	5580	4.52	≤8.81	PASS
	total	5580	6.89	≤8.81	PASS
	Ant1	5700	-2.94	≤8.81	PASS
	Ant2	5700	-2.91	≤8.81	PASS
	total	5700	0.09	≤8.81	PASS
	Ant1	5720 UNII-2C	-2.40	≤8.81	PASS
	Ant2	5720 UNII-2C	-2.07	≤8.81	PASS
	total	5720 UNII-2C	0.78	≤8.81	PASS
	Ant1	5720 UNII-3	-7.44	≤27.81	PASS
	Ant2	5720 UNII-3	-7.16	≤27.81	PASS
	total	5720 UNII-3	-4.29	≤27.81	PASS
	Ant1	5745	-6.76	≤27.81	PASS
	Ant2	5745	-7.27	≤27.81	PASS
	total	5745	-4.00	≤27.81	PASS
	Ant1	5785	-7.72	≤27.81	PASS
	Ant2	5785	-7.67	≤27.81	PASS
	total	5785	-4.68	≤27.81	PASS
	Ant1	5825	-8.08	≤27.81	PASS
	Ant2	5825	-7.44	≤27.81	PASS
	total	5825	-4.74	≤27.81	PASS
11N40MIMO	Ant1	5190	2.18	≤14.81	PASS
	Ant2	5190	3.24	≤14.81	PASS
	total	5190	5.75	≤14.81	PASS
	Ant1	5230	1.67	≤14.81	PASS
	Ant2	5230	2.95	≤14.81	PASS
	total	5230	5.37	≤14.81	PASS
	Ant1	5270	-1.47	≤8.81	PASS
	Ant2	5270	-1.07	≤8.81	PASS
	total	5270	1.74	≤8.81	PASS
	Ant1	5310	-1.43	≤8.81	PASS
	Ant2	5310	-0.32	≤8.81	PASS
	total	5310	2.17	≤8.81	PASS
	Ant1	5510	1.88	≤8.81	PASS
	Ant2	5510	1.66	≤8.81	PASS
	total	5510	4.78	≤8.81	PASS
	Ant1	5550	2.10	≤8.81	PASS
	Ant2	5550	2.17	≤8.81	PASS
	total	5550	5.15	≤8.81	PASS
	Ant1	5670	-3.91	≤8.81	PASS
	Ant2	5670	-3.60	≤8.81	PASS
	total	5670	-0.74	≤8.81	PASS
	Ant1	5710 UNII-2C	-4.44	≤8.81	PASS
	Ant2	5710 UNII-2C	-4.10	≤8.81	PASS
	total	5710 UNII-2C	-1.26	≤8.81	PASS
	Ant1	5710 UNII-3	-11.40	≤27.81	PASS
	Ant2	5710 UNII-3	-11.35	≤27.81	PASS
	total	5710 UNII-3	-8.36	≤27.81	PASS
	Ant1	5755	-9.47	≤27.81	PASS
	Ant2	5755	-9.98	≤27.81	PASS
	total	5755	-6.71	≤27.81	PASS
	Ant1	5795	-10.39	≤27.81	PASS
	Ant2	5795	-10.31	≤27.81	PASS
	total	5795	-7.34	≤27.81	PASS
11AC20MIMO	Ant1	5180	2.85	≤14.81	PASS
	Ant2	5180	3.75	≤14.81	PASS
	total	5180	6.33	≤14.81	PASS
	Ant1	5200	1.92	≤14.81	PASS
	Ant2	5200	3.06	≤14.81	PASS
	total	5200	5.54	≤14.81	PASS
	Ant1	5240	1.90	≤14.81	PASS

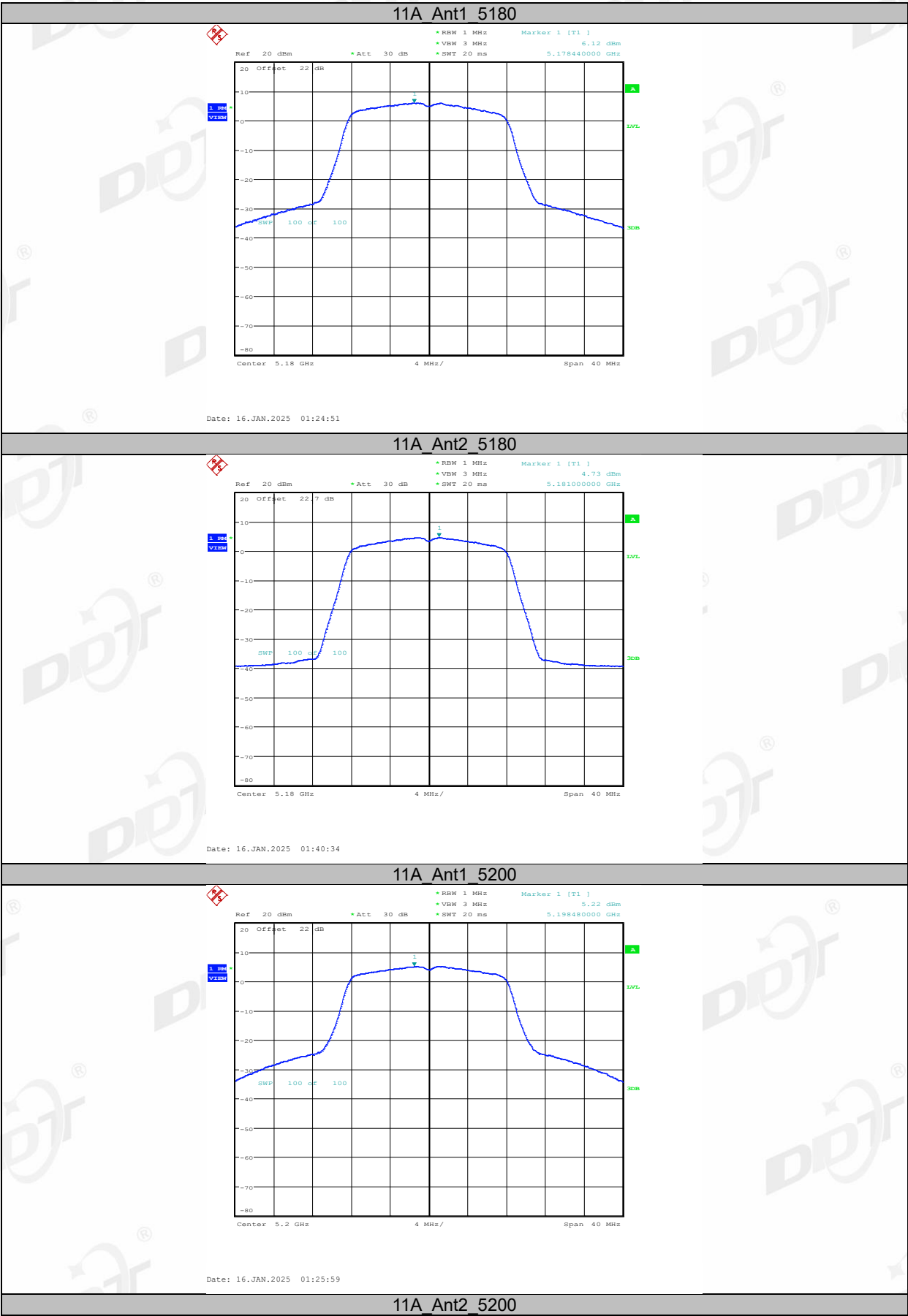
	Ant2	5240	3.30	≤14.81	PASS
	total	5240	5.67	≤14.81	PASS
	Ant1	5260	-0.42	≤8.81	PASS
	Ant2	5260	-0.03	≤8.81	PASS
	total	5260	2.79	≤8.81	PASS
	Ant1	5280	-0.41	≤8.81	PASS
	Ant2	5280	0.21	≤8.81	PASS
	total	5280	2.92	≤8.81	PASS
	Ant1	5320	-0.27	≤8.81	PASS
	Ant2	5320	0.74	≤8.81	PASS
	total	5320	3.27	≤8.81	PASS
	Ant1	5500	1.48	≤8.81	PASS
	Ant2	5500	1.36	≤8.81	PASS
	total	5500	4.43	≤8.81	PASS
	Ant1	5580	2.55	≤8.81	PASS
	Ant2	5580	3.12	≤8.81	PASS
	total	5580	5.85	≤8.81	PASS
	Ant1	5700	-2.32	≤8.81	PASS
	Ant2	5700	-2.47	≤8.81	PASS
	total	5700	0.62	≤8.81	PASS
	Ant1	5720 UNII-2C	-2.29	≤8.81	PASS
	Ant2	5720 UNII-2C	-2.05	≤8.81	PASS
	total	5720 UNII-2C	0.84	≤8.81	PASS
	Ant1	5720 UNII-3	-7.40	≤27.81	PASS
	Ant2	5720 UNII-3	-7.00	≤27.81	PASS
	total	5720 UNII-3	-4.19	≤27.81	PASS
	Ant1	5745	-6.85	≤27.81	PASS
	Ant2	5745	-7.30	≤27.81	PASS
	total	5745	-4.06	≤27.81	PASS
	Ant1	5785	-7.66	≤27.81	PASS
	Ant2	5785	-7.91	≤27.81	PASS
	total	5785	-4.77	≤27.81	PASS
	Ant1	5825	-8.18	≤27.81	PASS
	Ant2	5825	-7.61	≤27.81	PASS
	total	5825	-4.88	≤27.81	PASS
11AC40MIMO	Ant1	5190	-0.12	≤14.81	PASS
	Ant2	5190	1.30	≤14.81	PASS
	total	5190	3.66	≤14.81	PASS
	Ant1	5230	-0.75	≤14.81	PASS
	Ant2	5230	0.87	≤14.81	PASS
	total	5230	3.15	≤14.81	PASS
	Ant1	5270	-1.37	≤8.81	PASS
	Ant2	5270	-0.91	≤8.81	PASS
	total	5270	1.88	≤8.81	PASS
	Ant1	5310	-1.05	≤8.81	PASS
	Ant2	5310	-0.48	≤8.81	PASS
	total	5310	2.25	≤8.81	PASS
	Ant1	5510	1.81	≤8.81	PASS
	Ant2	5510	1.98	≤8.81	PASS
	total	5510	4.91	≤8.81	PASS
	Ant1	5550	2.67	≤8.81	PASS
	Ant2	5550	3.06	≤8.81	PASS
	total	5550	5.88	≤8.81	PASS
	Ant1	5670	3.00	≤8.81	PASS
	Ant2	5670	3.12	≤8.81	PASS
	total	5670	6.07	≤8.81	PASS
	Ant1	5710 UNII-2C	-4.46	≤8.81	PASS
	Ant2	5710 UNII-2C	-4.15	≤8.81	PASS
	total	5710 UNII-2C	-1.29	≤8.81	PASS
	Ant1	5710 UNII-3	-11.22	≤27.81	PASS
	Ant2	5710 UNII-3	-11.05	≤27.81	PASS
	total	5710 UNII-3	-8.12	≤27.81	PASS
	Ant1	5755	-9.74	≤27.81	PASS
	Ant2	5755	-9.89	≤27.81	PASS

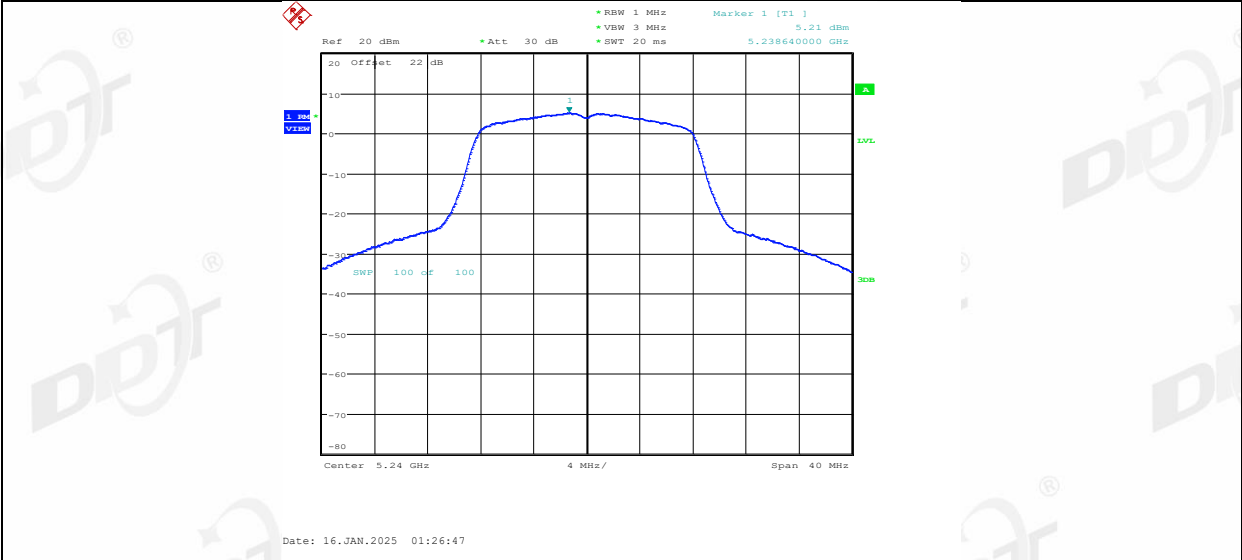
11AC80MIMO	total	5755	-6.80	≤ 27.81	PASS
	Ant1	5795	-10.38	≤ 27.81	PASS
	Ant2	5795	-10.03	≤ 27.81	PASS
	total	5795	-7.19	≤ 27.81	PASS
	Ant1	5210	-6.57	≤ 14.81	PASS
	Ant2	5210	-5.16	≤ 14.81	PASS
	total	5210	-2.80	≤ 14.81	PASS
	Ant1	5290	-7.36	≤ 8.81	PASS
	Ant2	5290	-6.76	≤ 8.81	PASS
	total	5290	-4.04	≤ 8.81	PASS
	Ant1	5530	-4.14	≤ 8.81	PASS
	Ant2	5530	-3.97	≤ 8.81	PASS
	total	5530	-1.04	≤ 8.81	PASS
	Ant1	5610	-4.21	≤ 8.81	PASS
	Ant2	5610	-2.82	≤ 8.81	PASS
	total	5610	-0.45	≤ 8.81	PASS
	Ant1	5690 UNII-2C	-7.31	≤ 8.81	PASS
	Ant2	5690 UNII-2C	-6.89	≤ 8.81	PASS
	total	5690 UNII-2C	-4.08	≤ 8.81	PASS
	Ant1	5690 UNII-3	-14.14	≤ 27.81	PASS
	Ant2	5690 UNII-3	-13.80	≤ 27.81	PASS
	total	5690 UNII-3	-10.96	≤ 27.81	PASS
	Ant1	5775	-12.90	≤ 27.81	PASS
	Ant2	5775	-13.22	≤ 27.81	PASS
	total	5775	-10.05	≤ 27.81	PASS

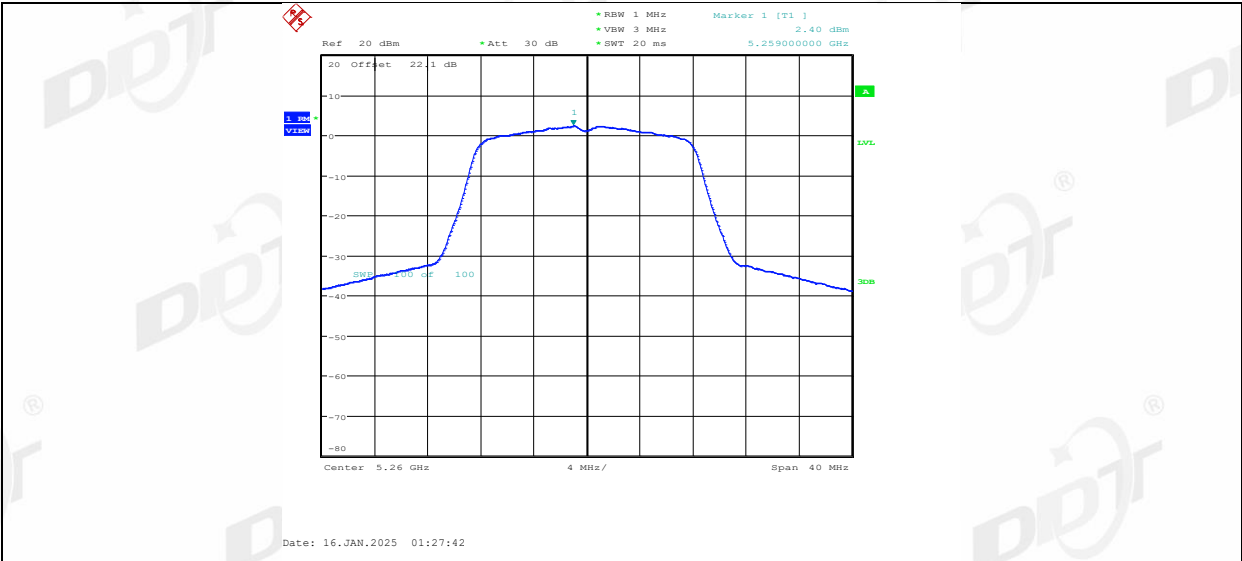
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

9.5. Test graphs







11A_Ant2_5260



11A_Ant1_5280



11A_Ant2_5280



11A_Ant1_5320



11A_Ant2_5320



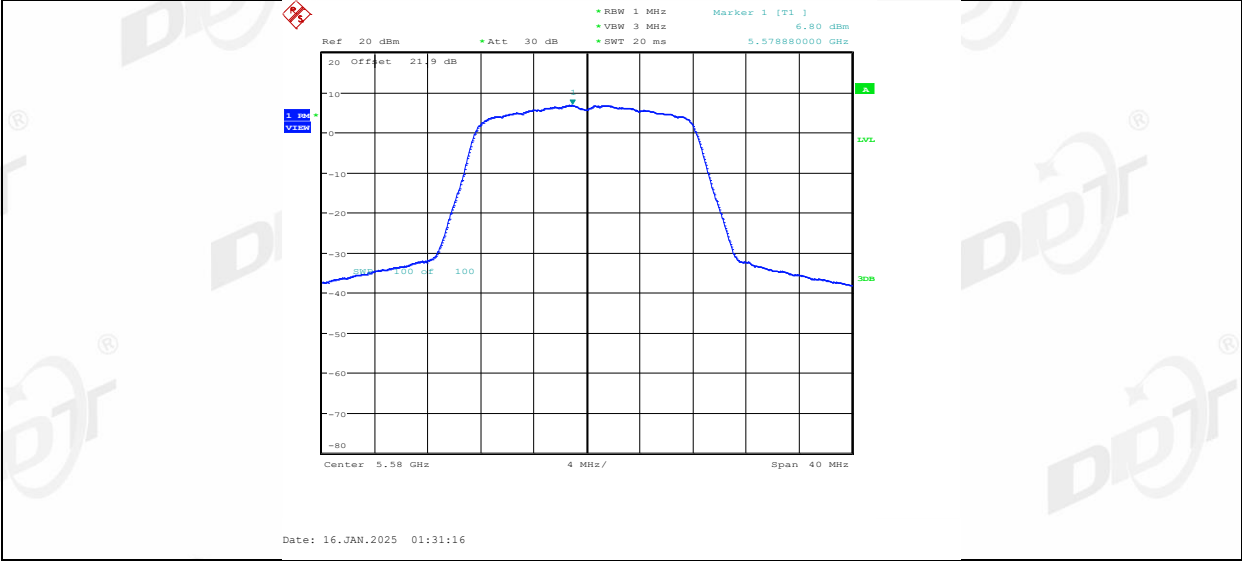
11A_Ant1_5500



11A_Ant2_5500



11A_Ant1_5580



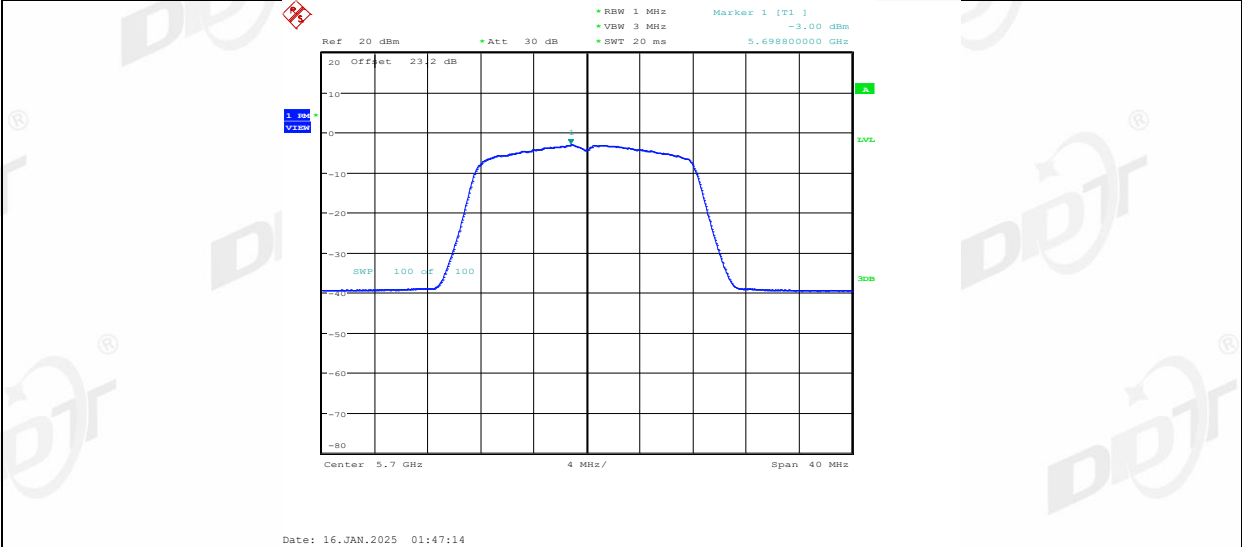
11A_Ant2_5580



11A_Ant1_5700



11A_Ant2_5700



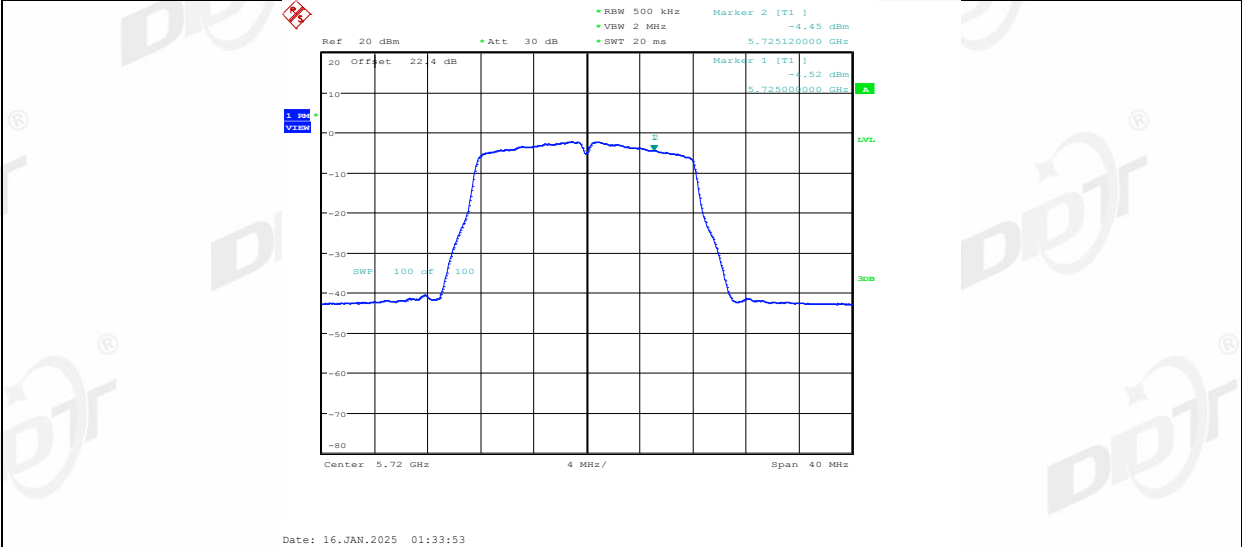
11A_Ant1_5720_UNII-2C



11A_Ant2_5720_UNII-2C



11A_Ant1_5720_UNII-3



11A_Ant2_5720_UNII-3



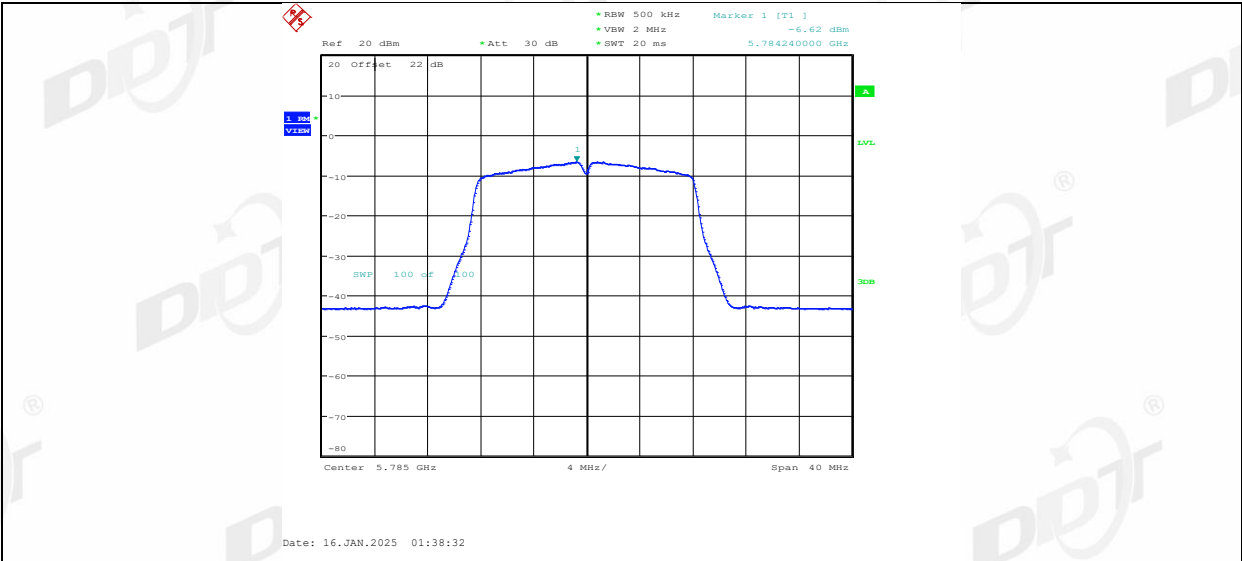
11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



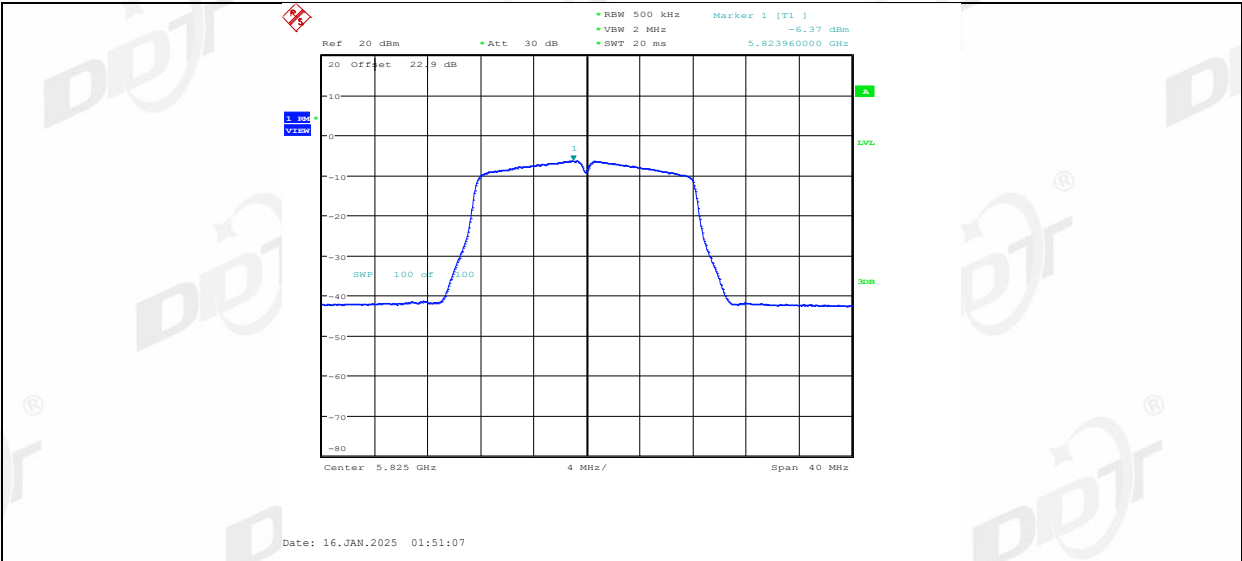
11A_Ant2_5785



11A_Ant1_5825



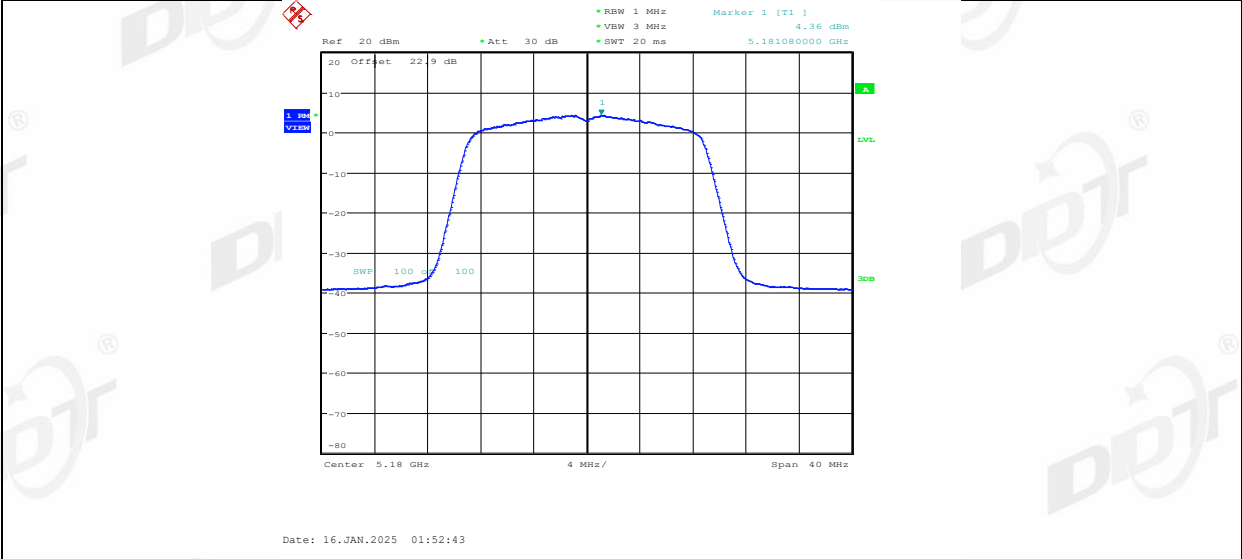
11A_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



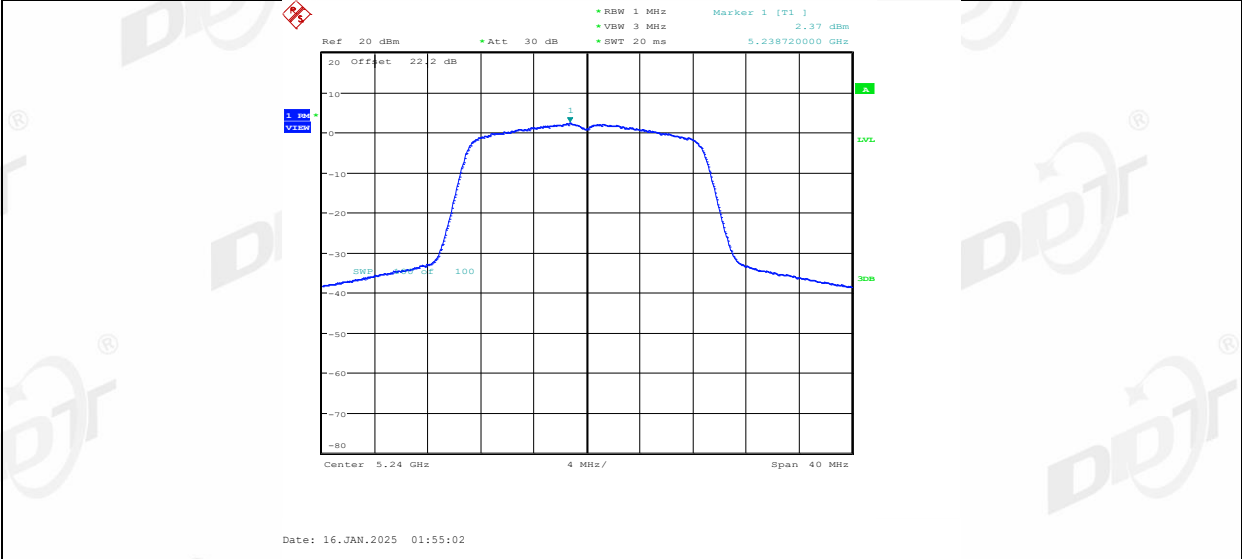
11N20MIMO_Ant1_5200



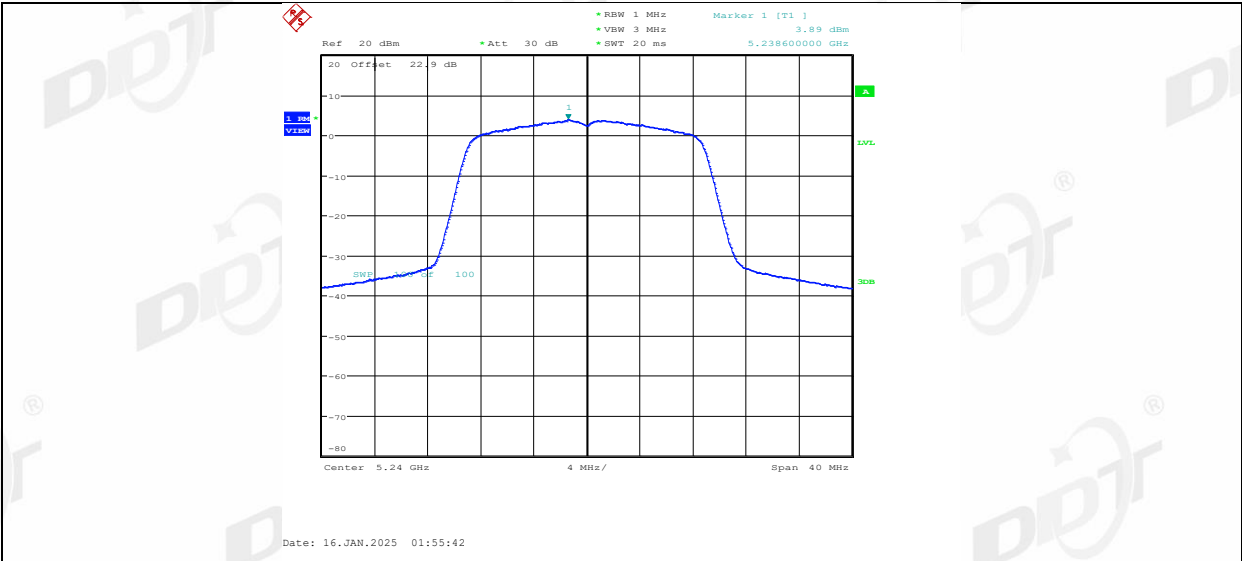
11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5280



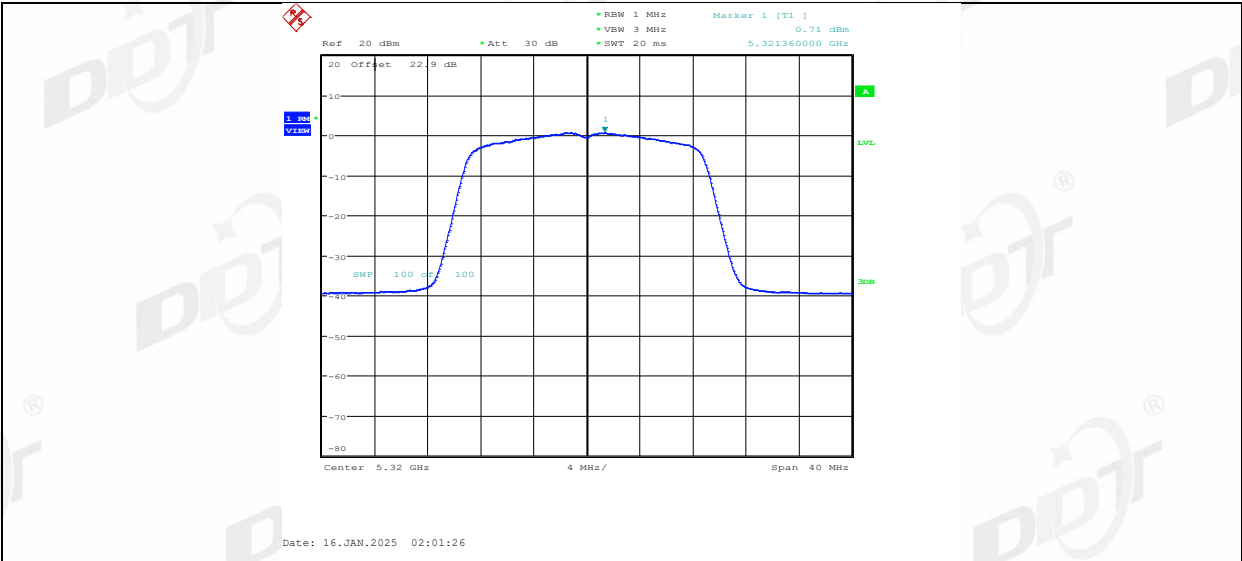
11N20MIMO_Ant2_5280



11N20MIMO_Ant1_5320



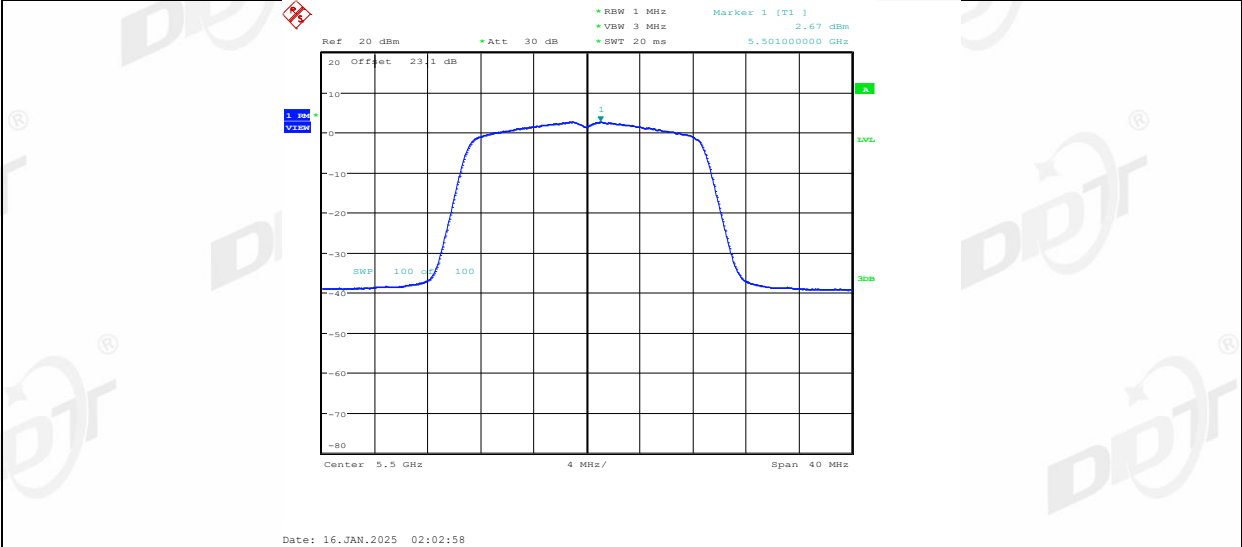
11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500



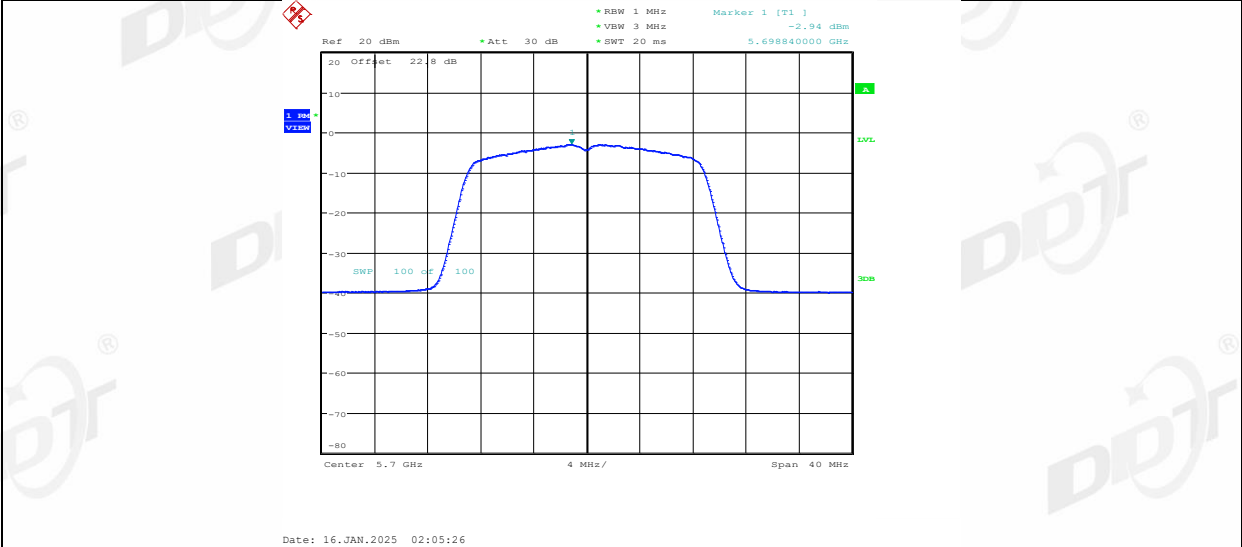
11N20MIMO_Ant1_5580



11N20MIMO_Ant2_5580



11N20MIMO_Ant1_5700



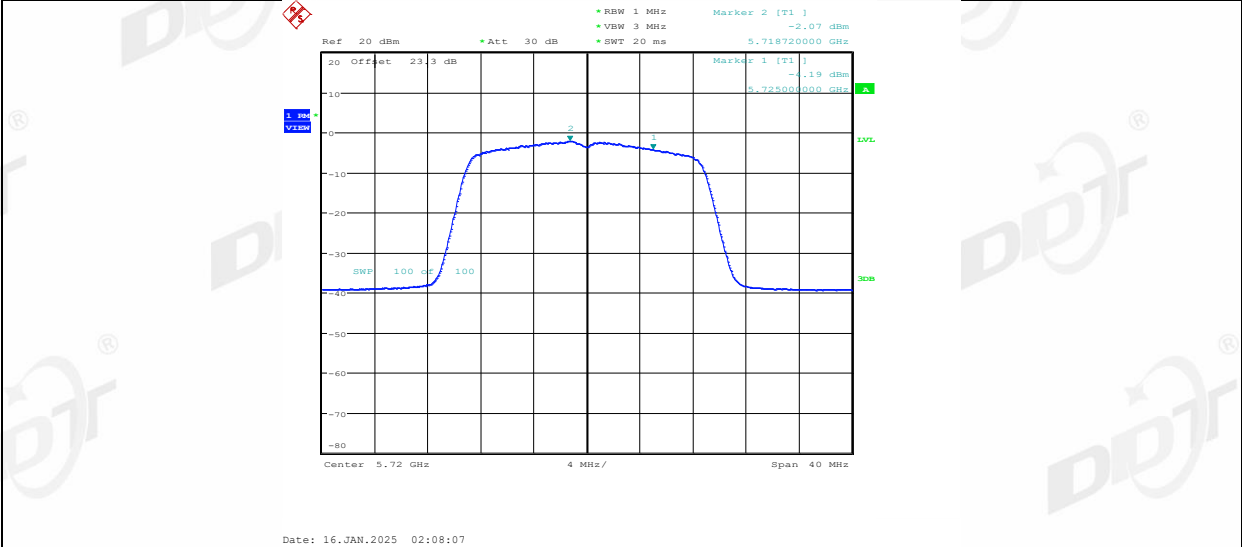
11N20MIMO_Ant2_5700



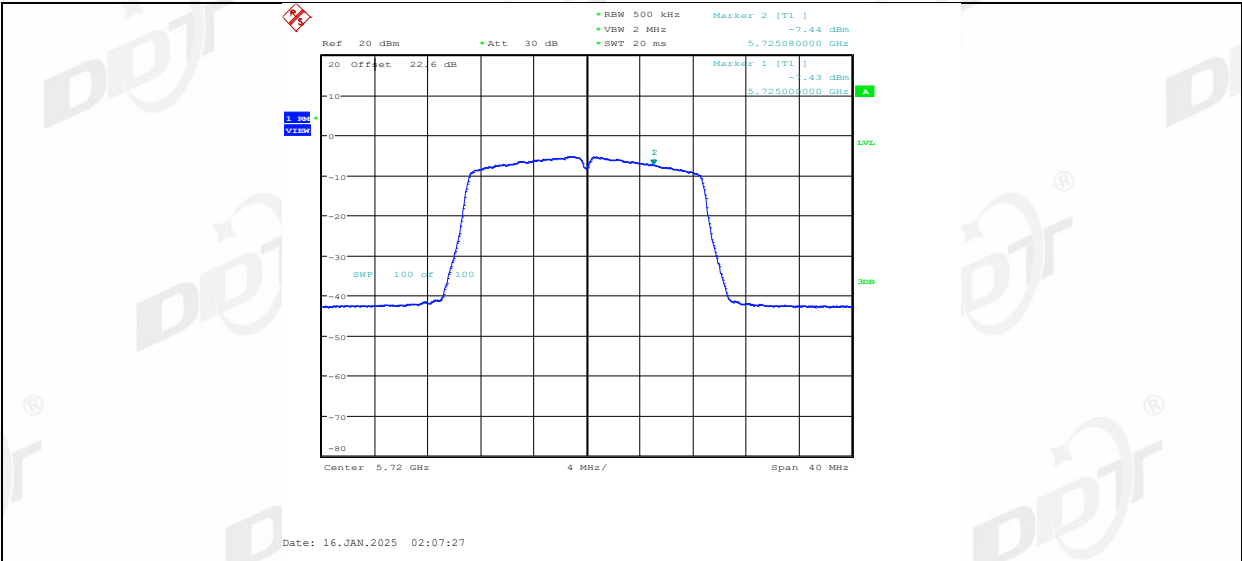
11N20MIMO Ant1 5720 UNII-2C



11N20MIMO Ant2 5720 UNII-2C



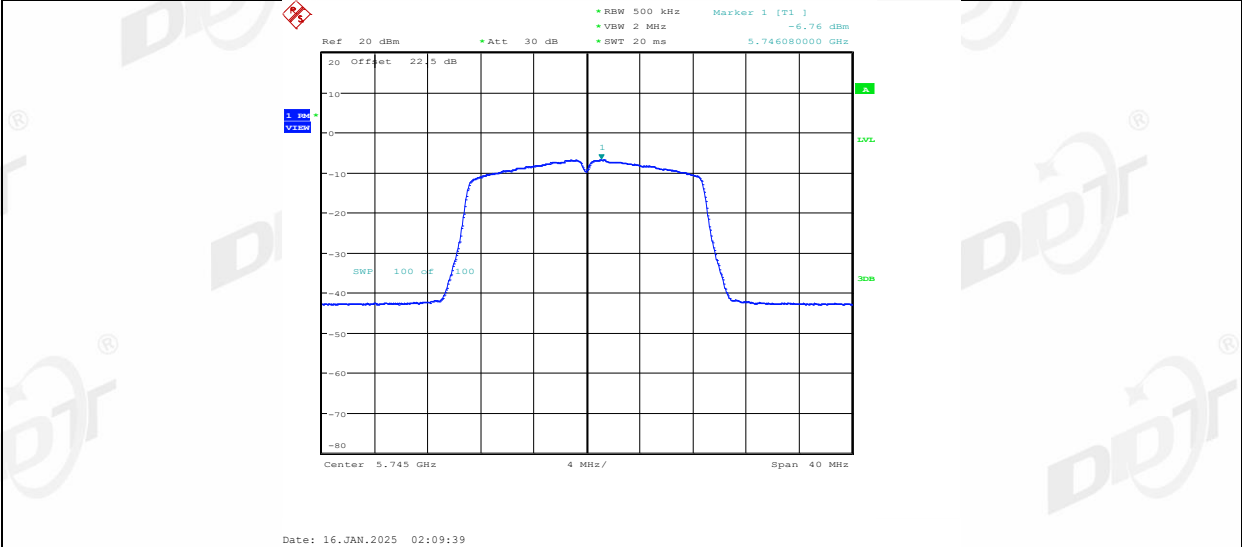
11N20MIMO Ant1 5720 UNII-3



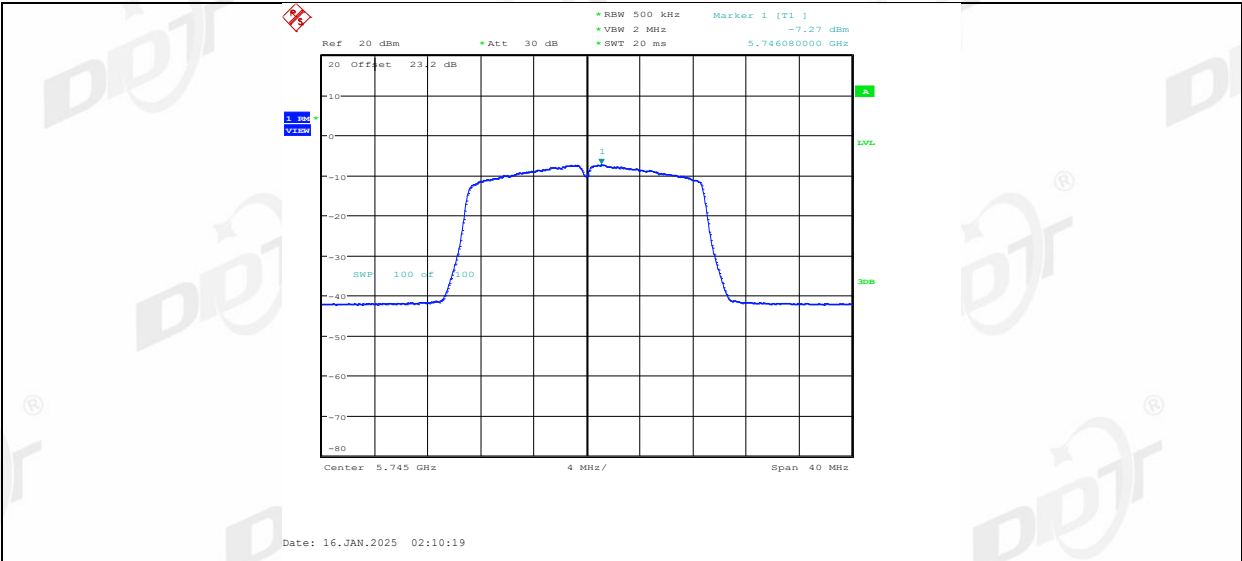
11N20MIMO_Ant2_5720_UNII-3



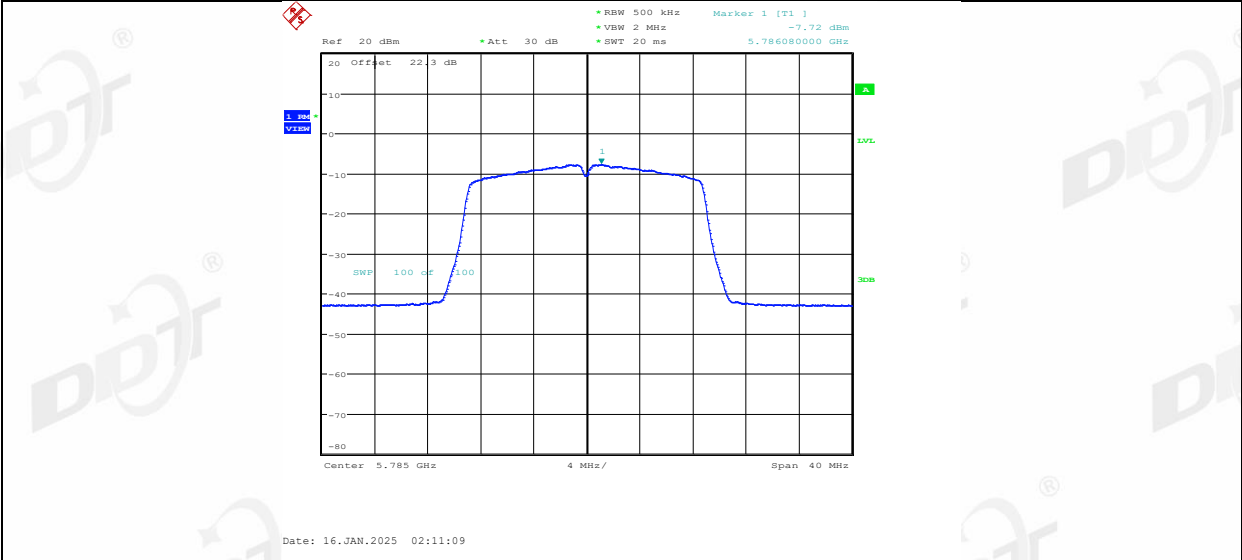
11N20MIMO_Ant1_5745



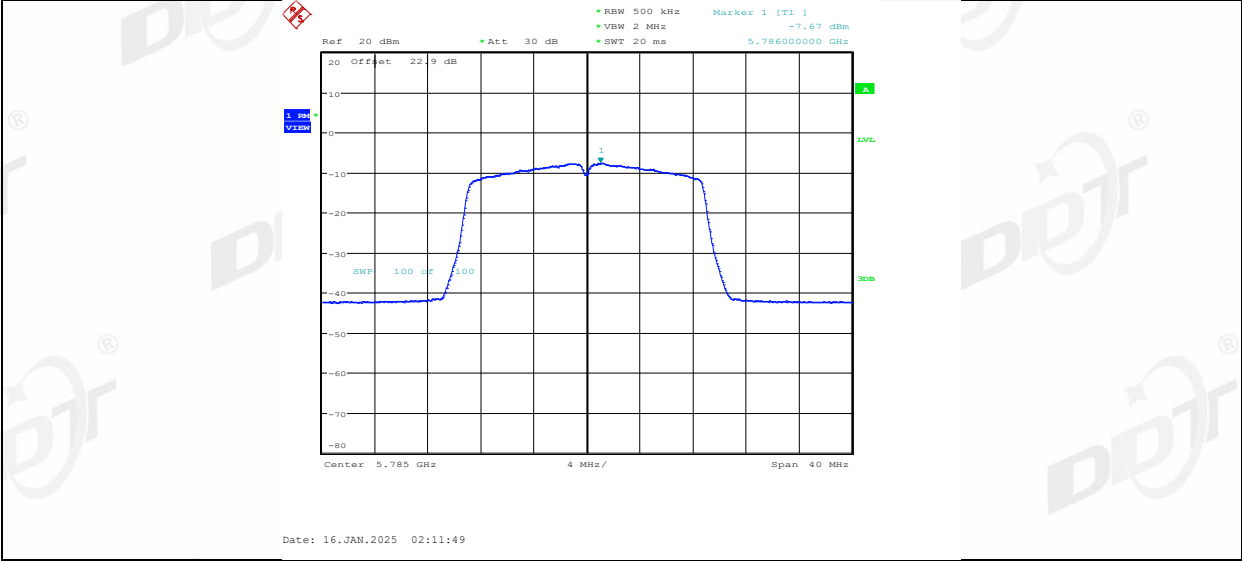
11N20MIMO_Ant2_5745



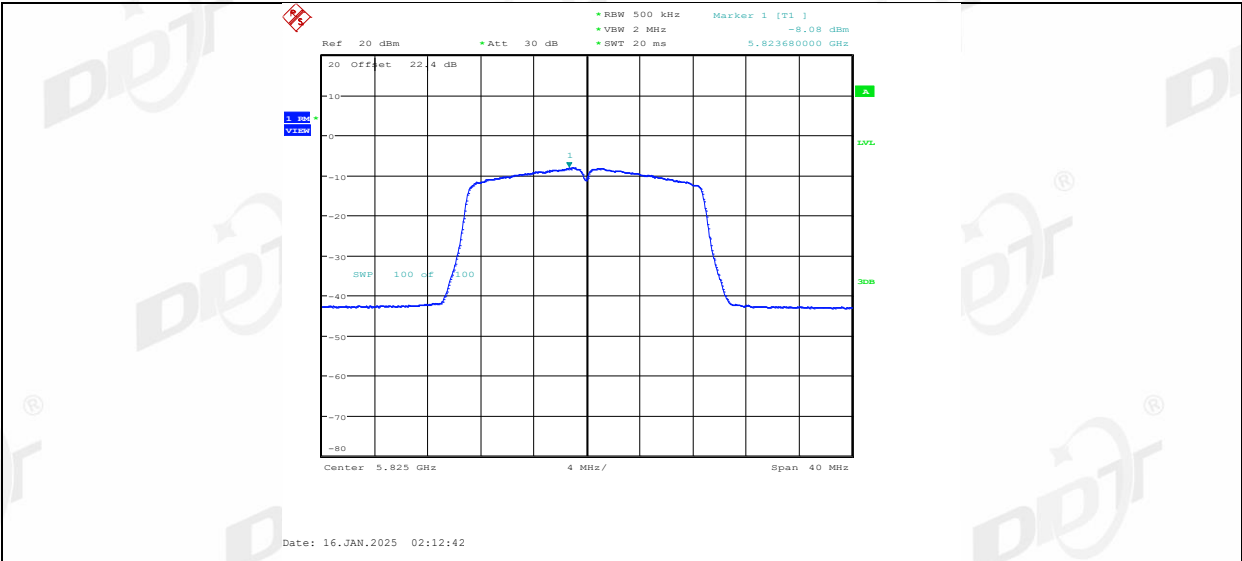
11N20MIMO_Ant1_5785



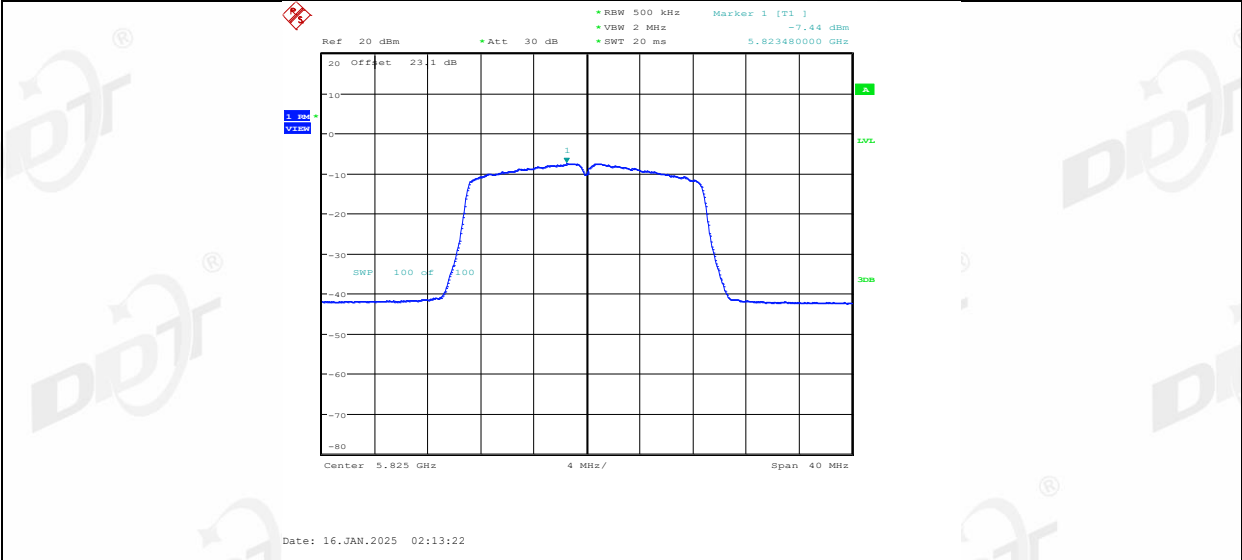
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



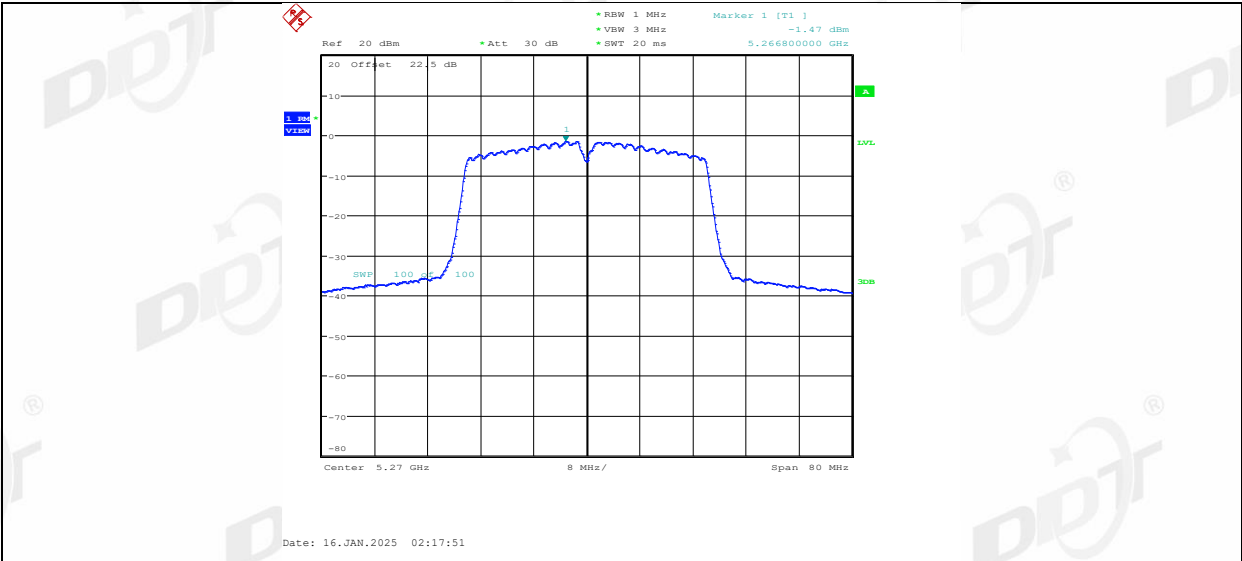
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5270



11N40MIMO_Ant2_5270



11N40MIMO_Ant1_5310



11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510



11N40MIMO_Ant2_5510



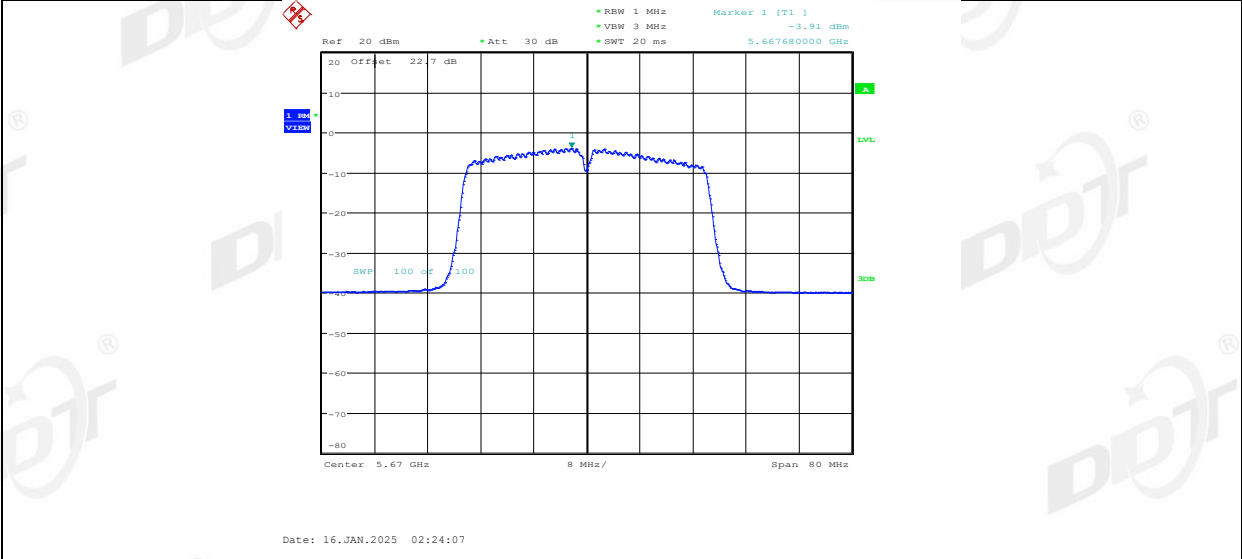
11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550



11N40MIMO_Ant1_5670



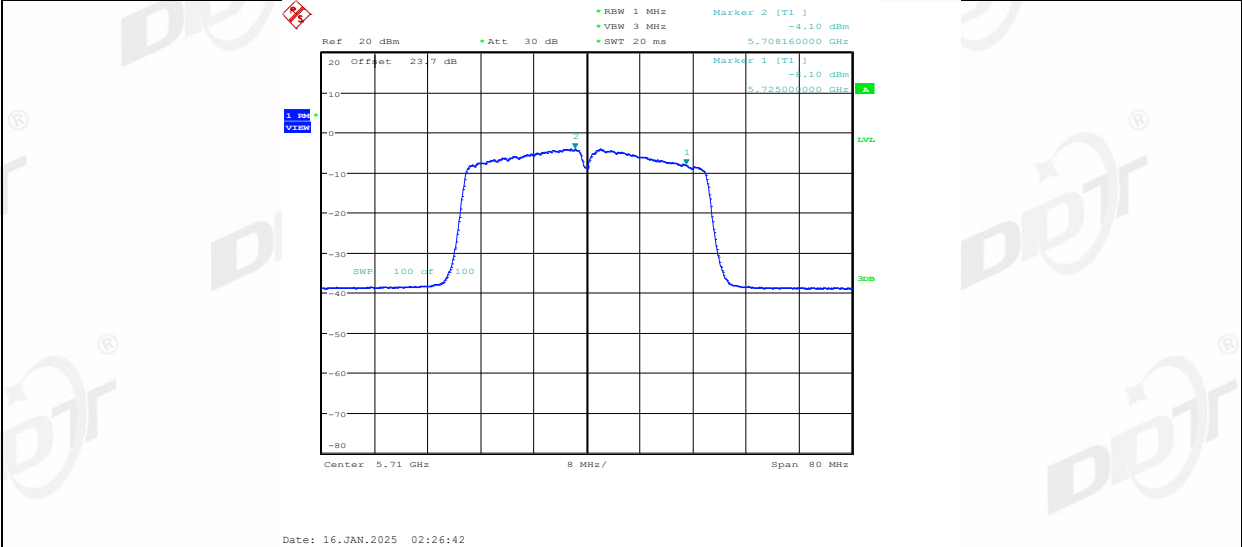
11N40MIMO_Ant2_5670



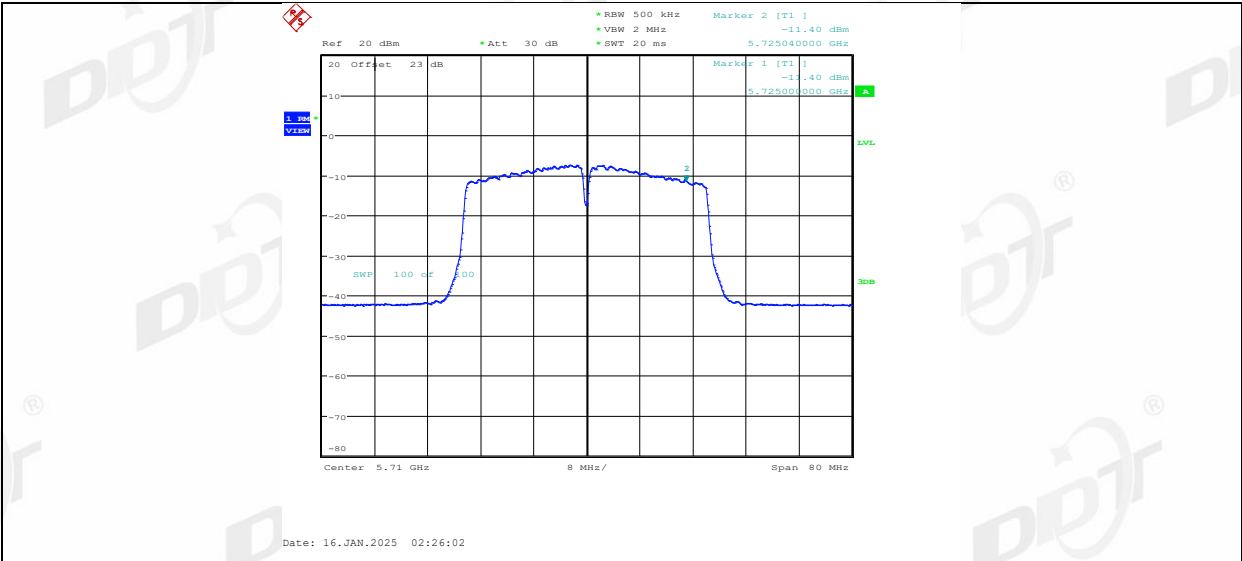
11N40MIMO Ant1 5710 UNII-2C



11N40MIMO Ant2 5710 UNII-2C



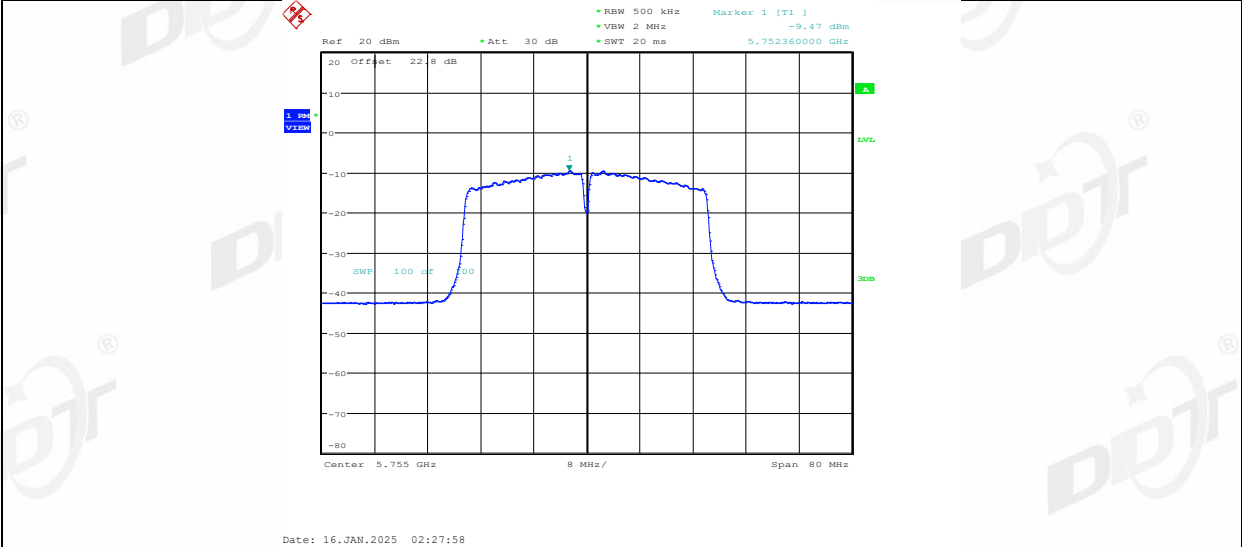
11N40MIMO Ant1 5710 UNII-3



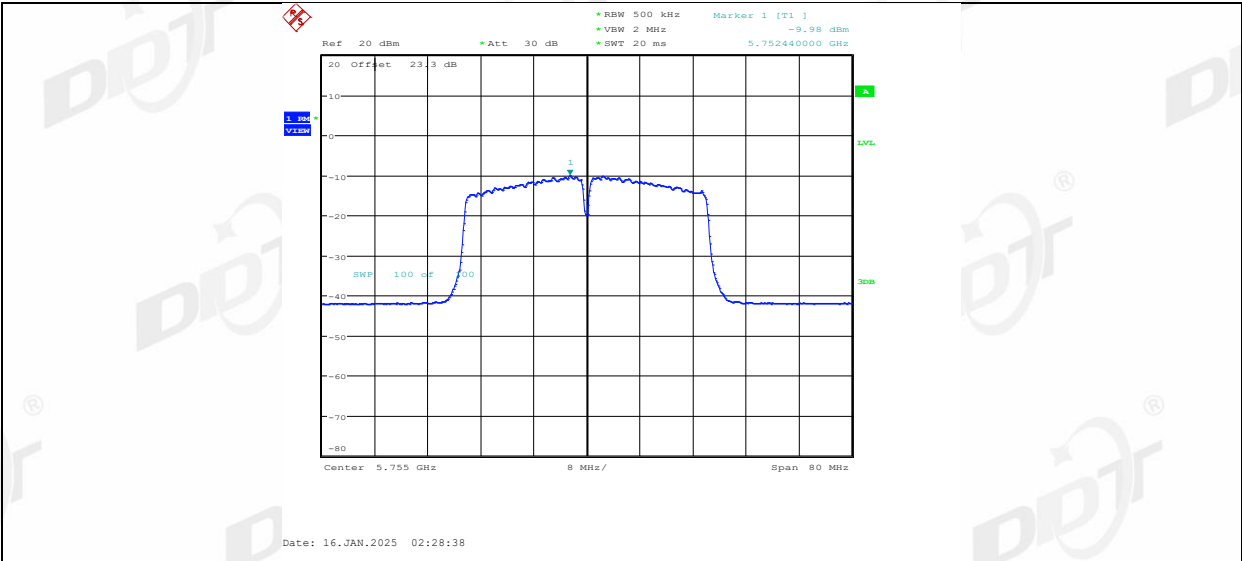
11N40MIMO_Ant2_5710_UNII-3



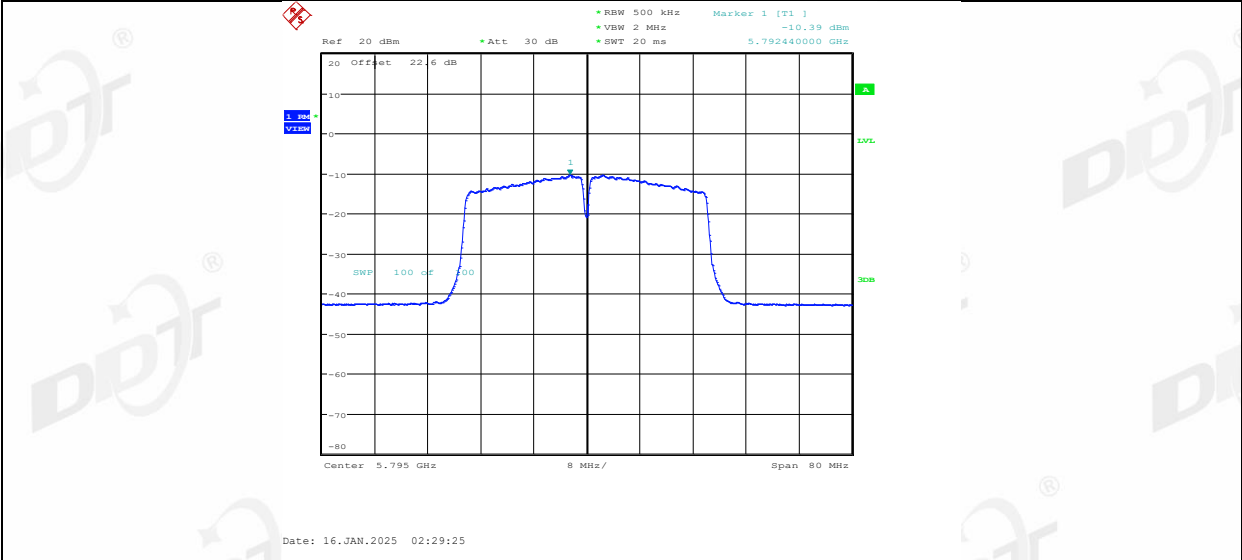
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



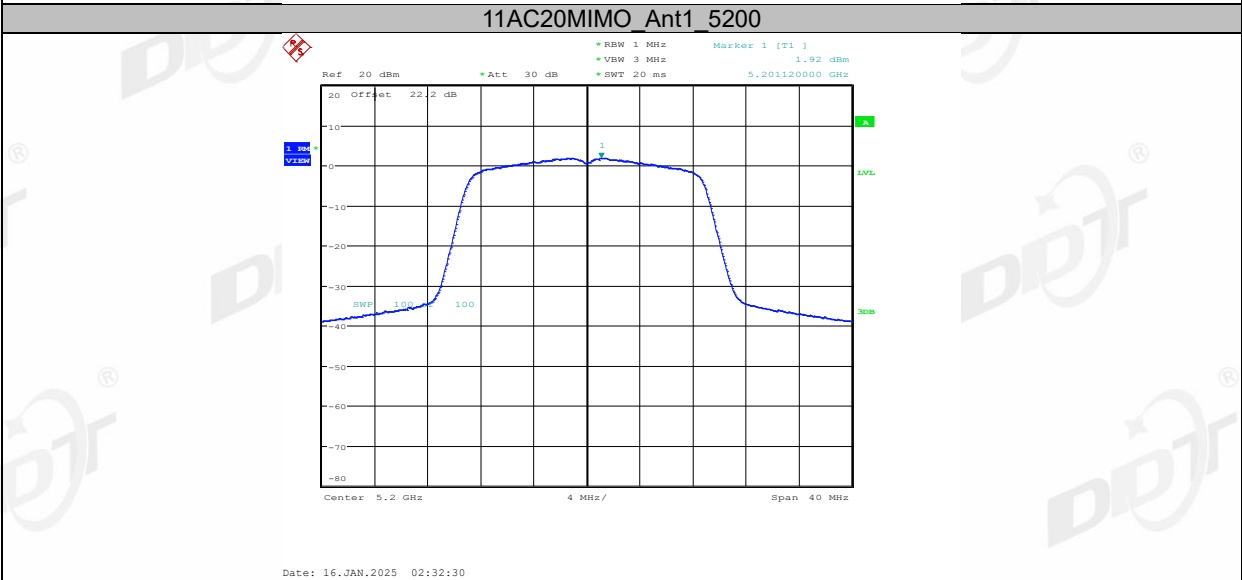
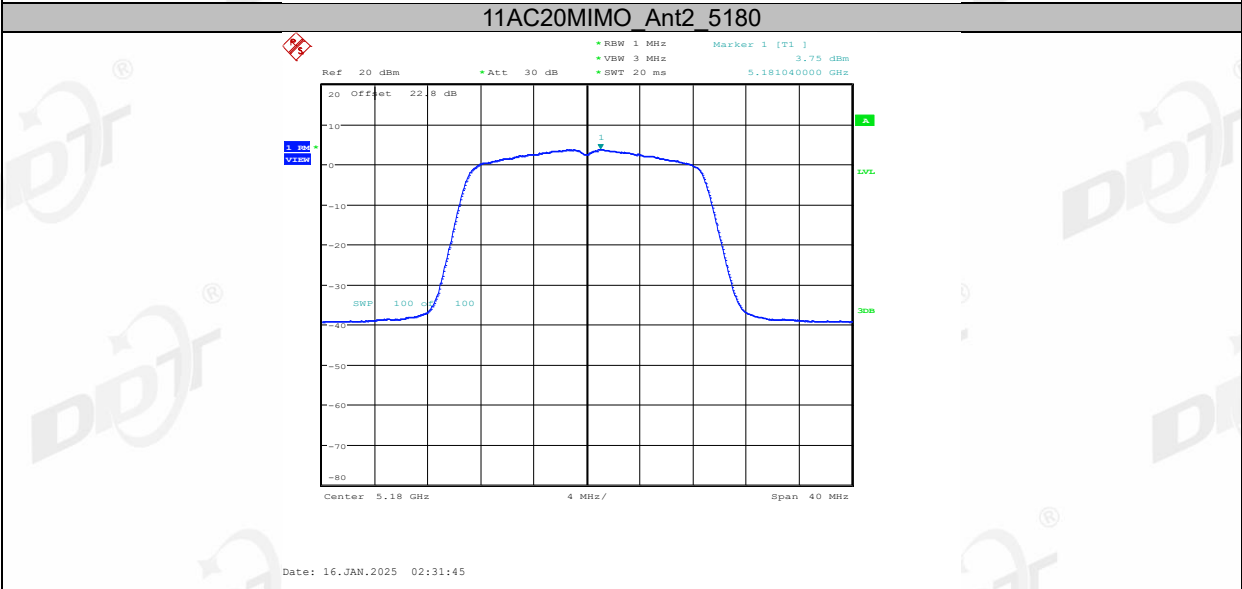
11N40MIMO_Ant1_5795



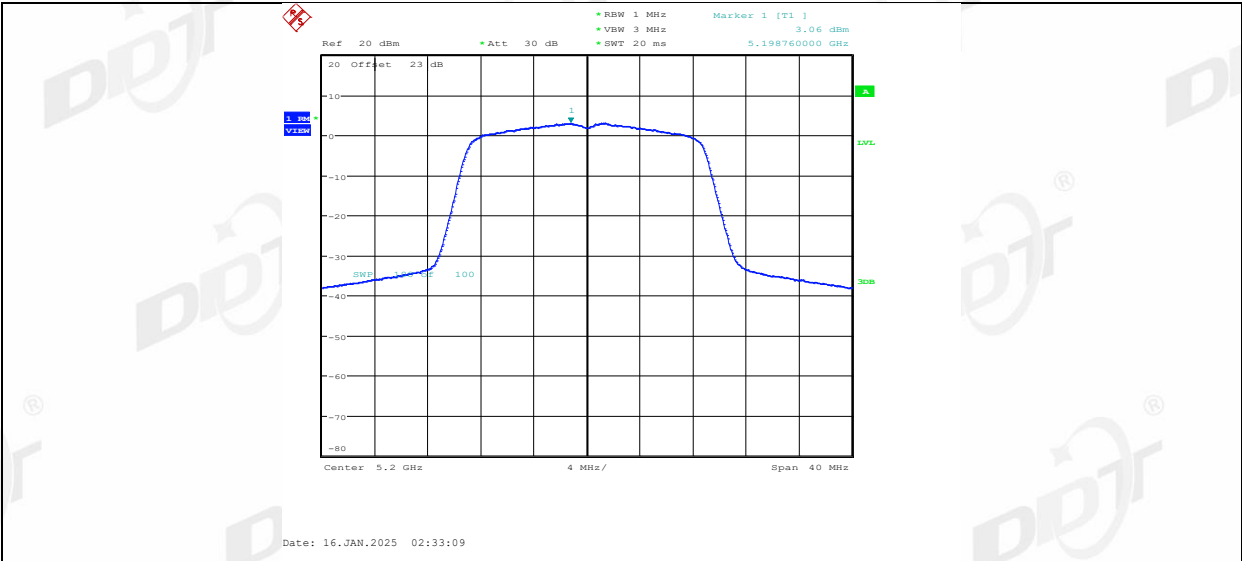
11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant2_5260



11AC20MIMO_Ant1_5280



11AC20MIMO_Ant2_5280



11AC20MIMO_Ant1_5320



11AC20MIMO_Ant2_5320



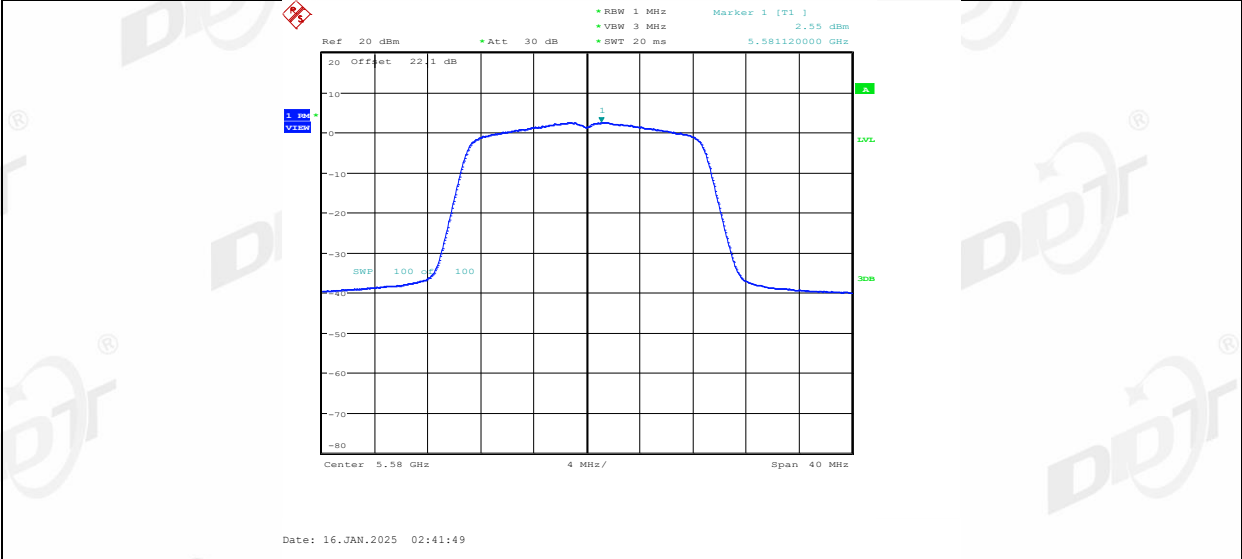
11AC20MIMO_Ant1_5500



11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



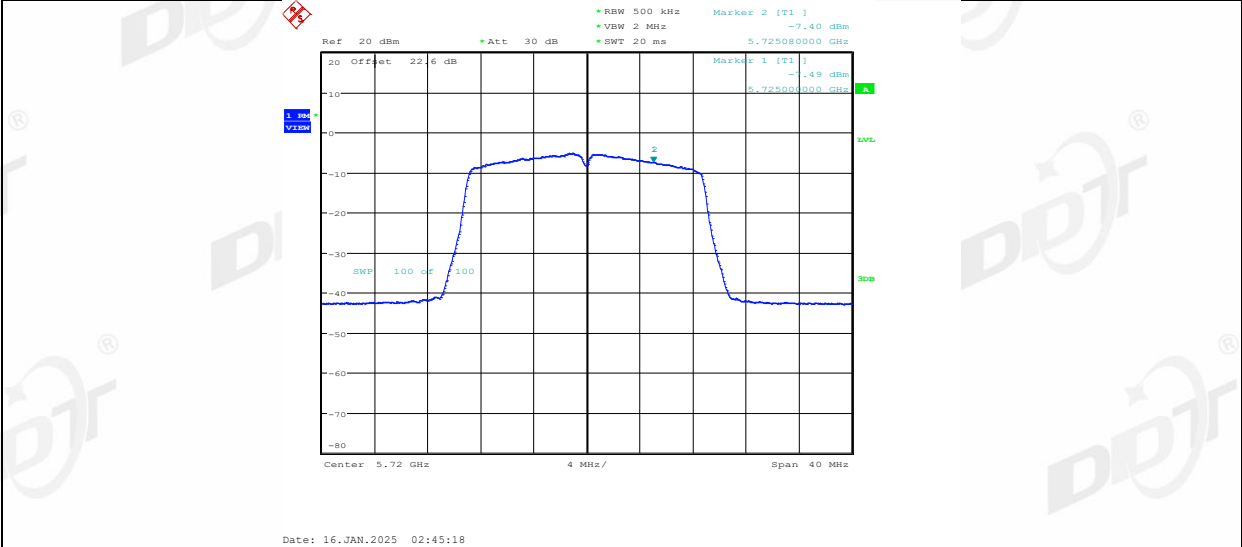
11AC20MIMO_Ant1_5720_UNII-2C



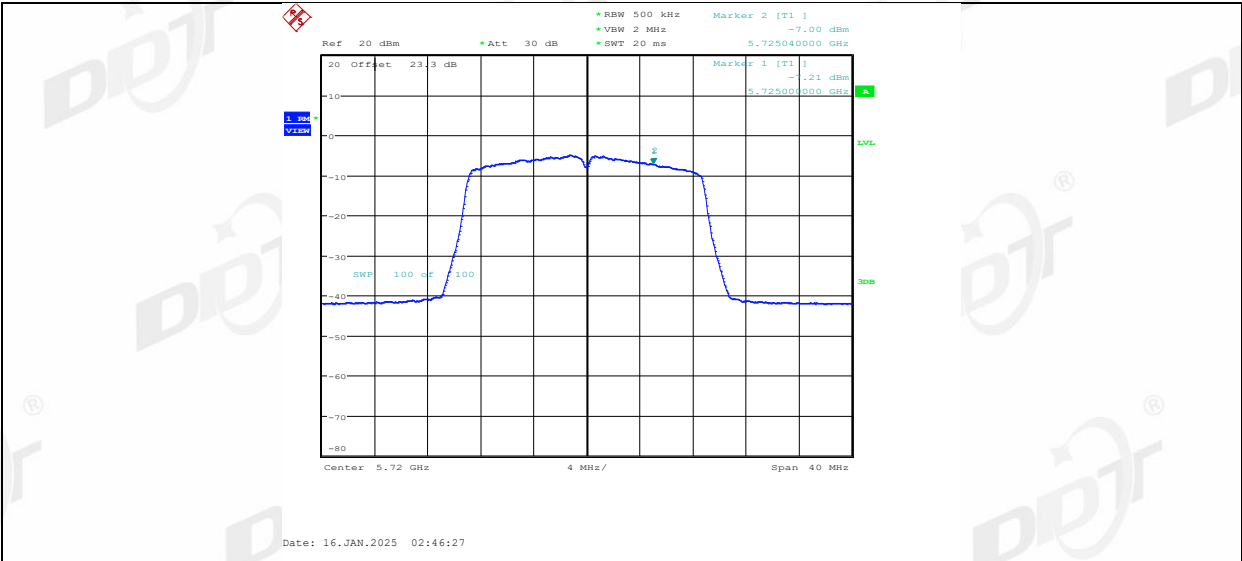
11AC20MIMO_Ant2_5720_UNII-2C



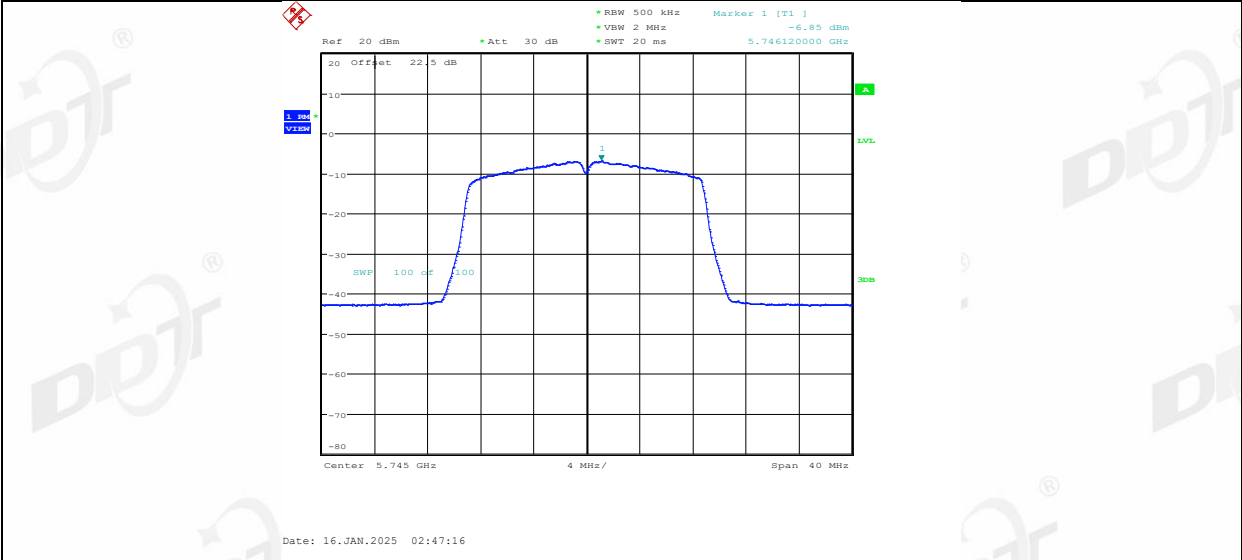
11AC20MIMO_Ant1_5720_UNII-3



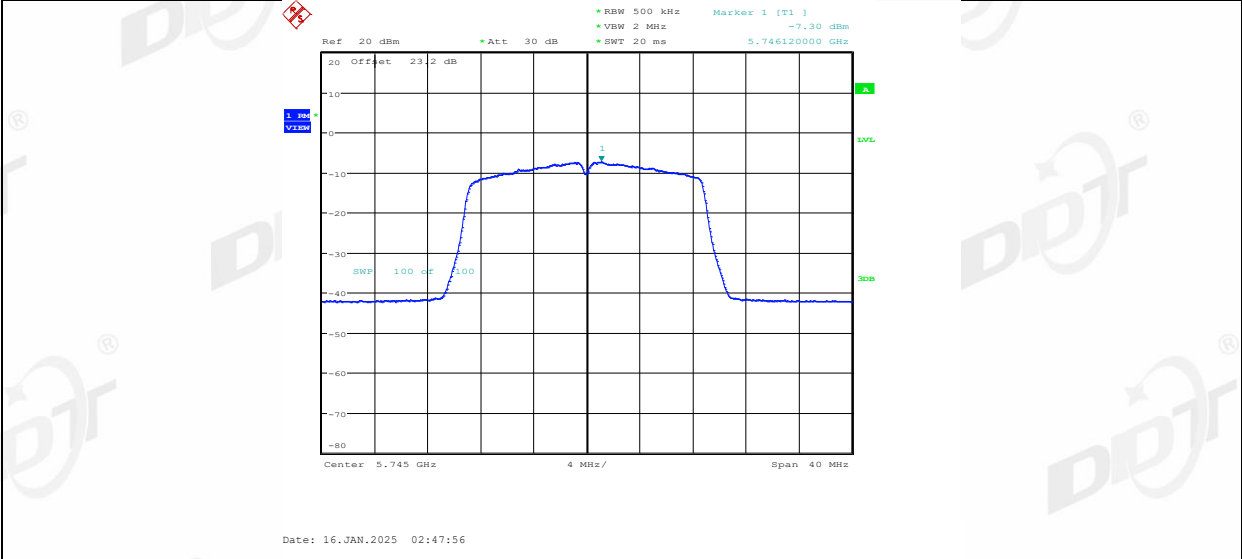
11AC20MIMO_Ant2_5720_UNII-3



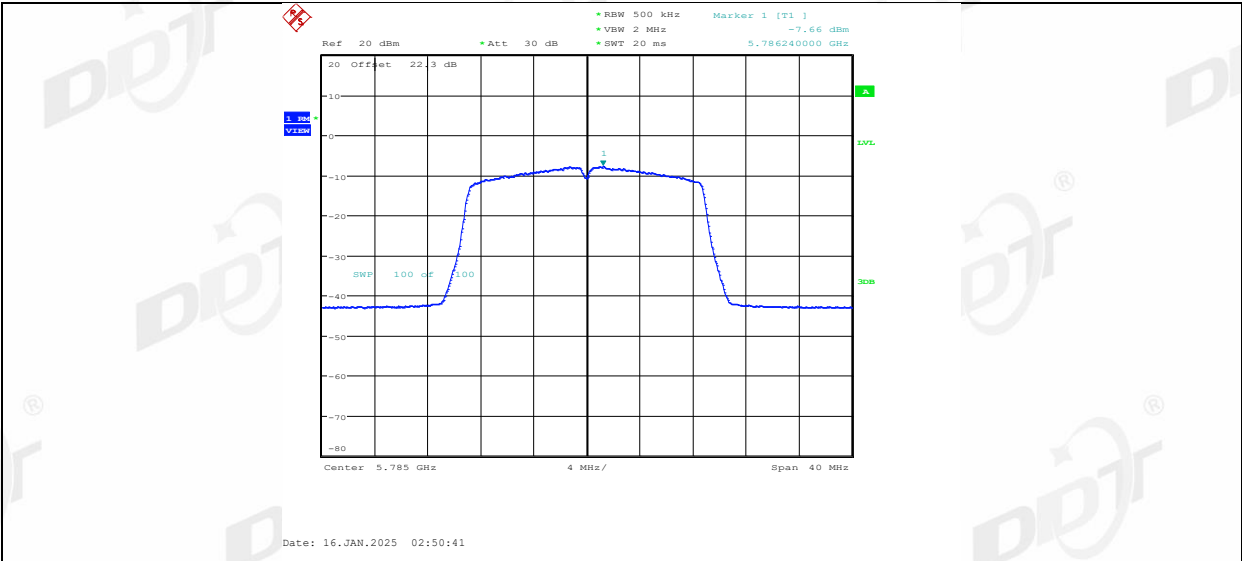
11AC20MIMO_Ant1_5745



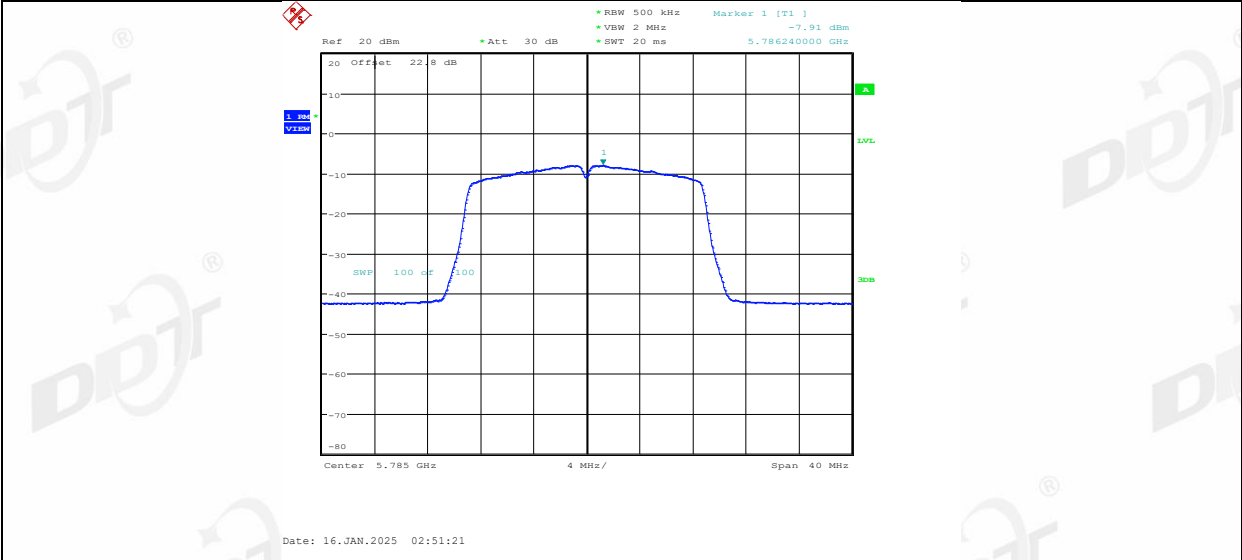
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



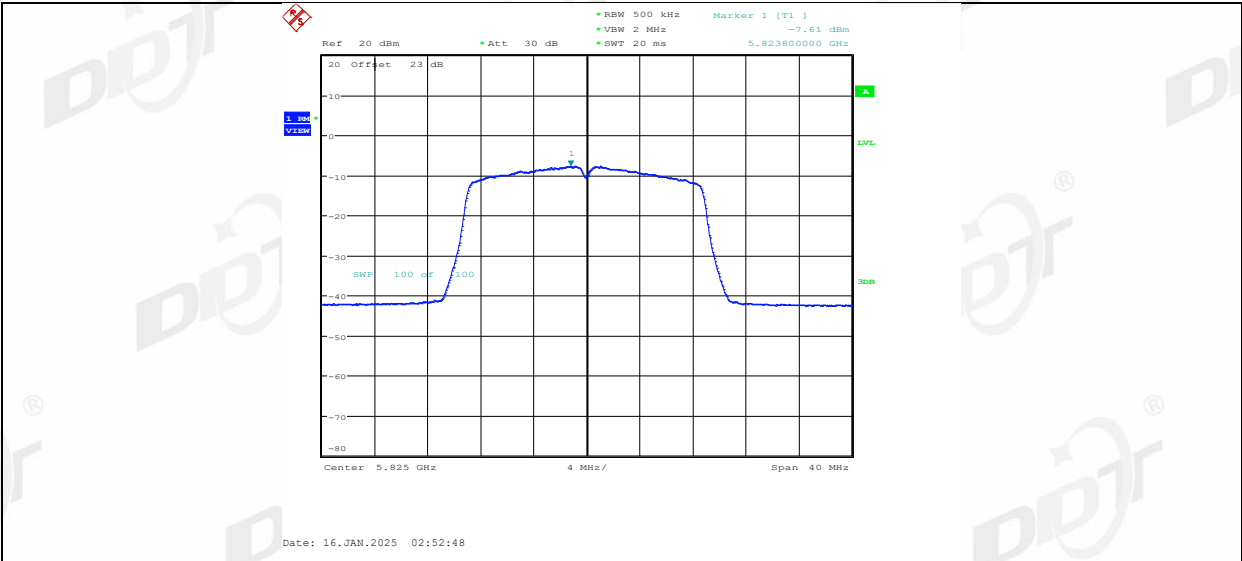
11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



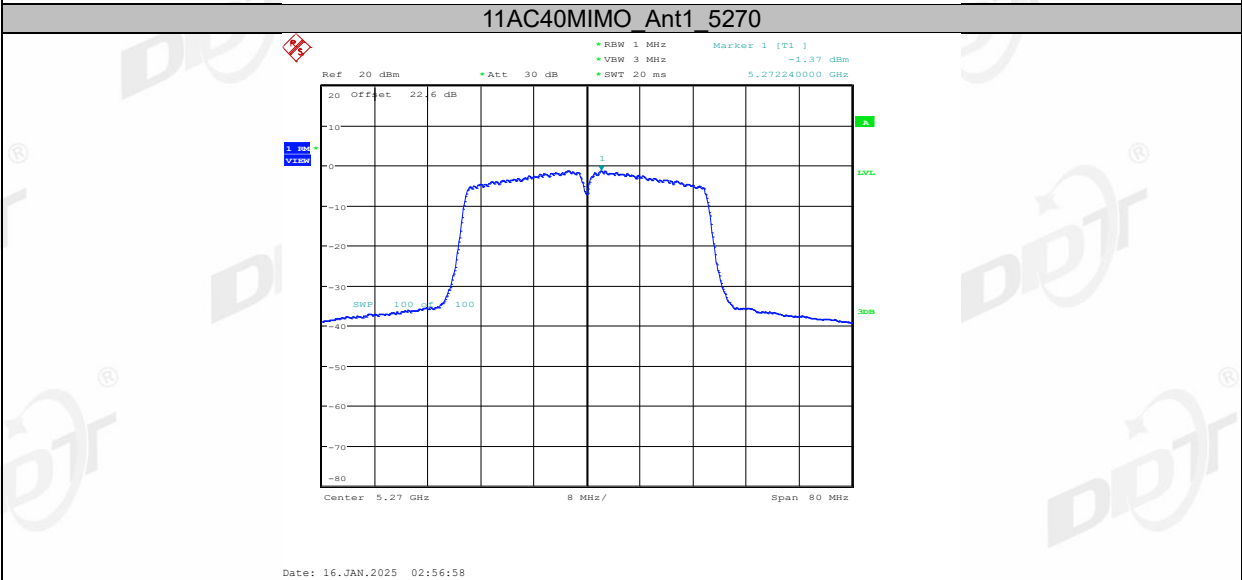
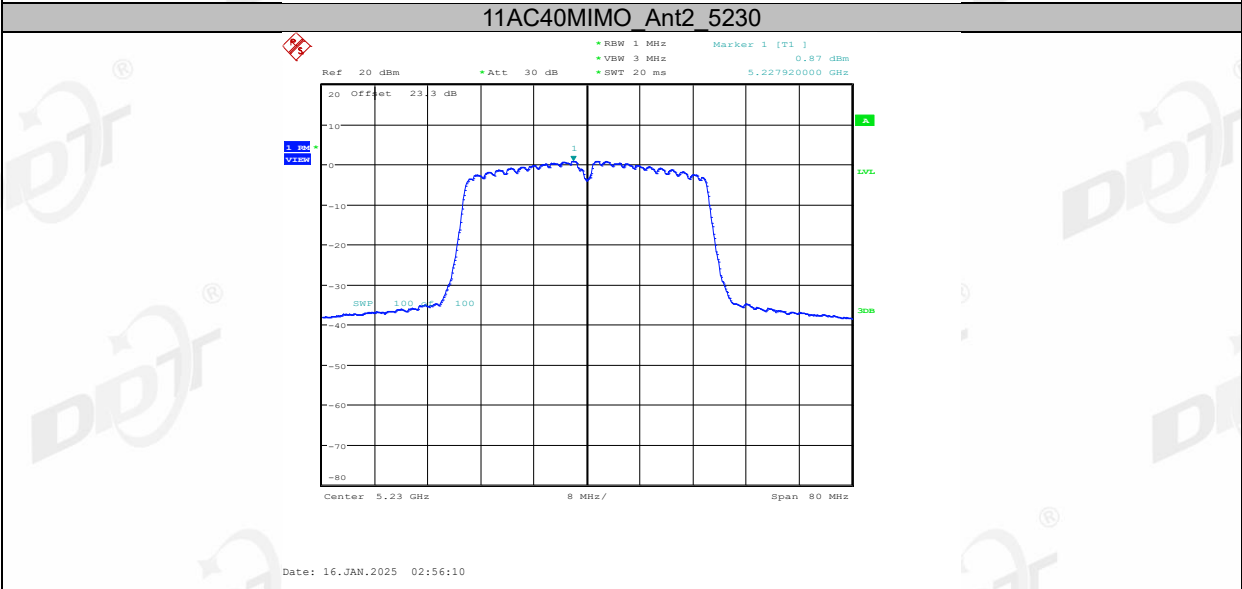
11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230





11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510



11AC40MIMO_Ant1_5550



11AC40MIMO_Ant2_5550



11AC40MIMO_Ant1_5670



11AC40MIMO_Ant2_5670



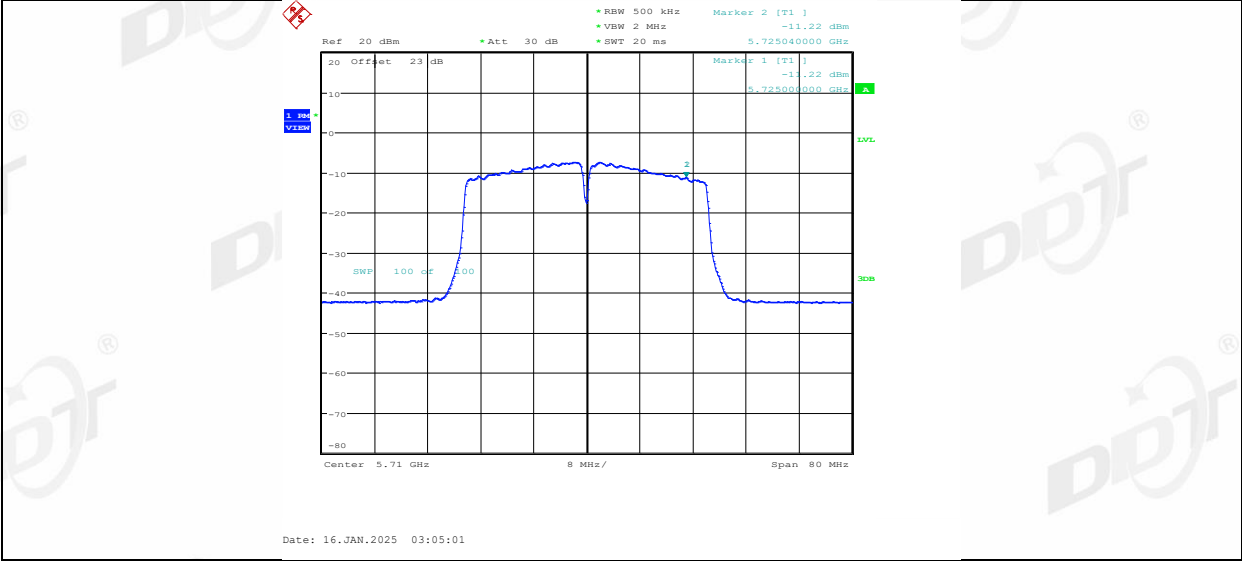
11AC40MIMO_Ant1_5710_UNII-2C



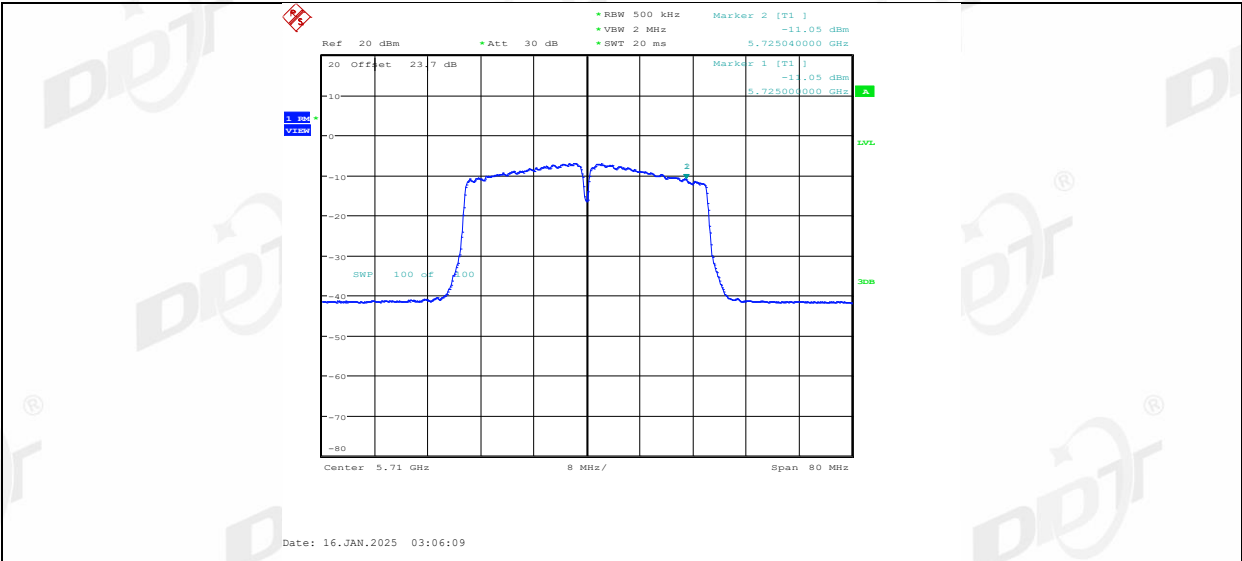
11AC40MIMO_Ant2_5710_UNII-2C



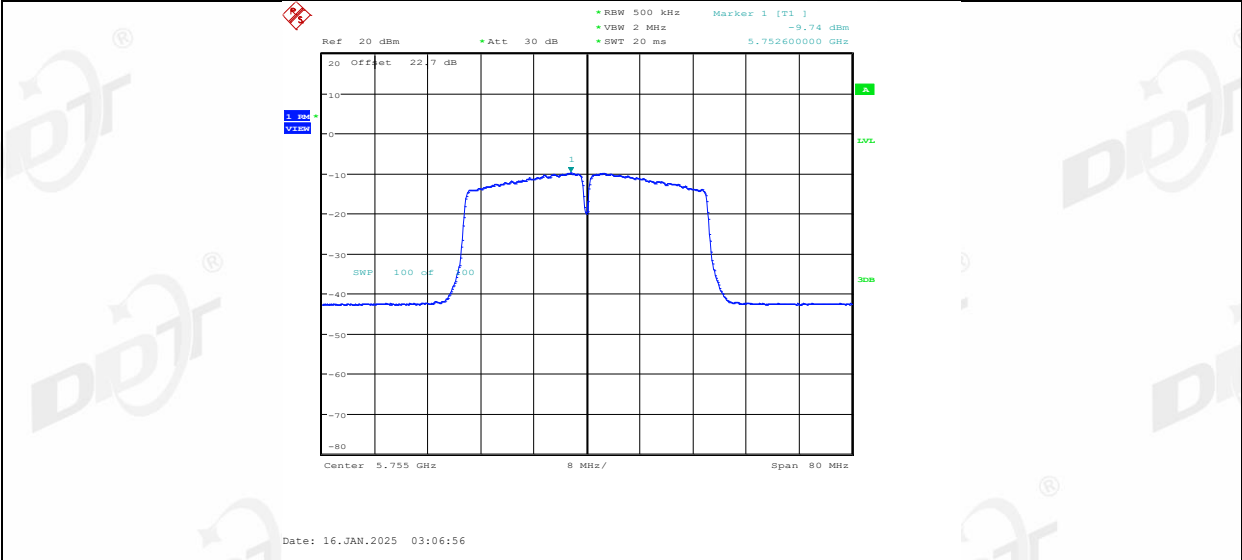
11AC40MIMO_Ant1_5710_UNII-3



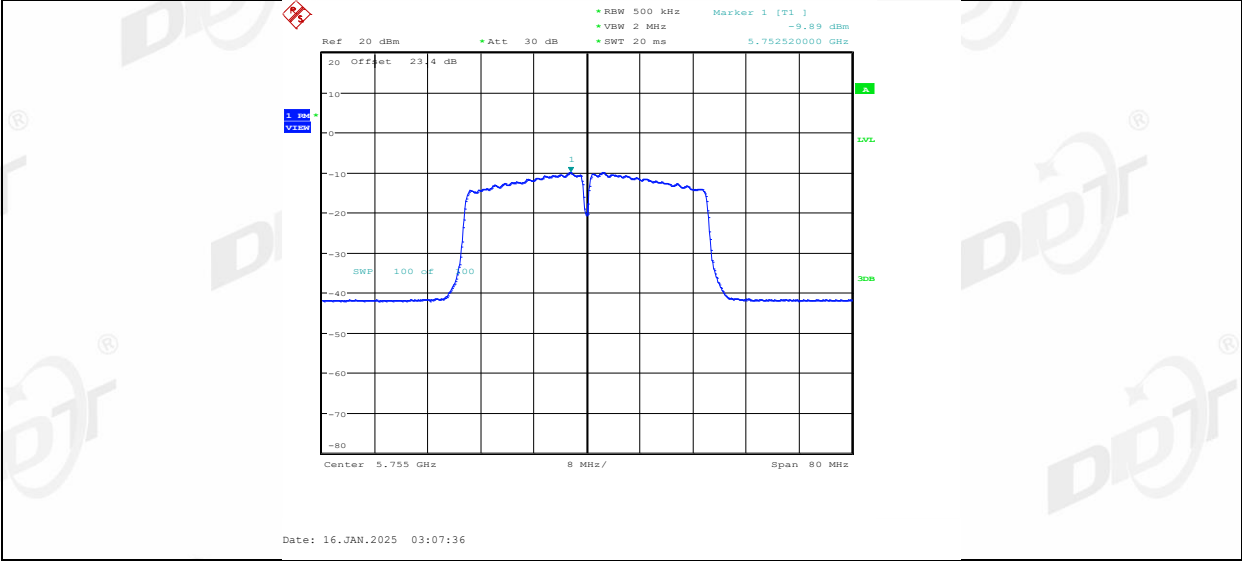
11AC40MIMO_Ant2_5710_UNII-3



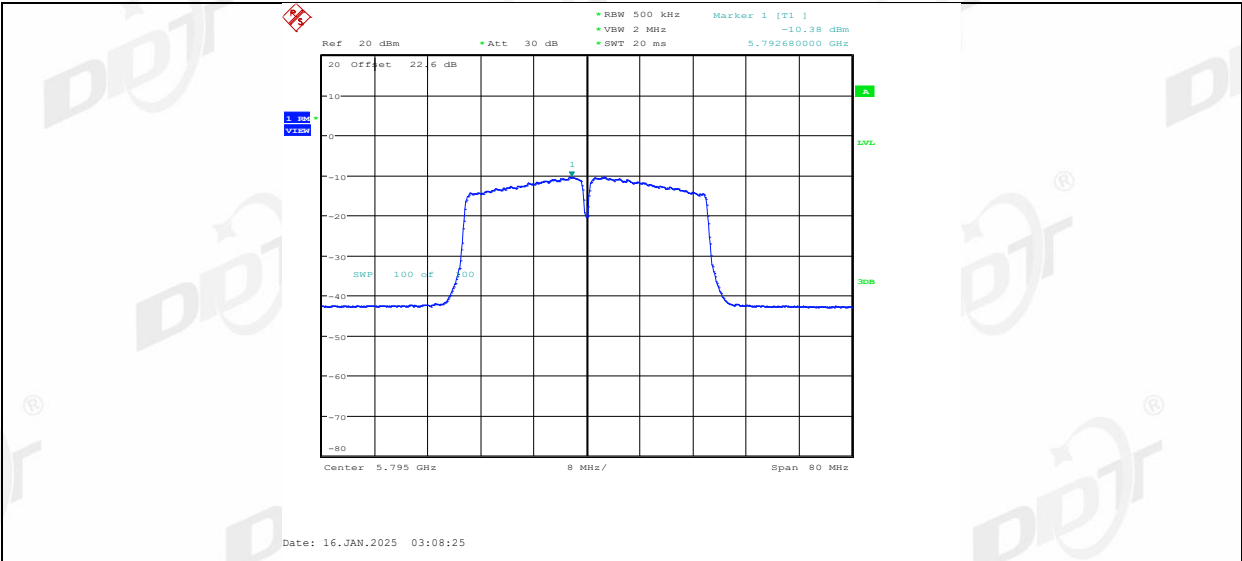
11AC40MIMO_Ant1_5755



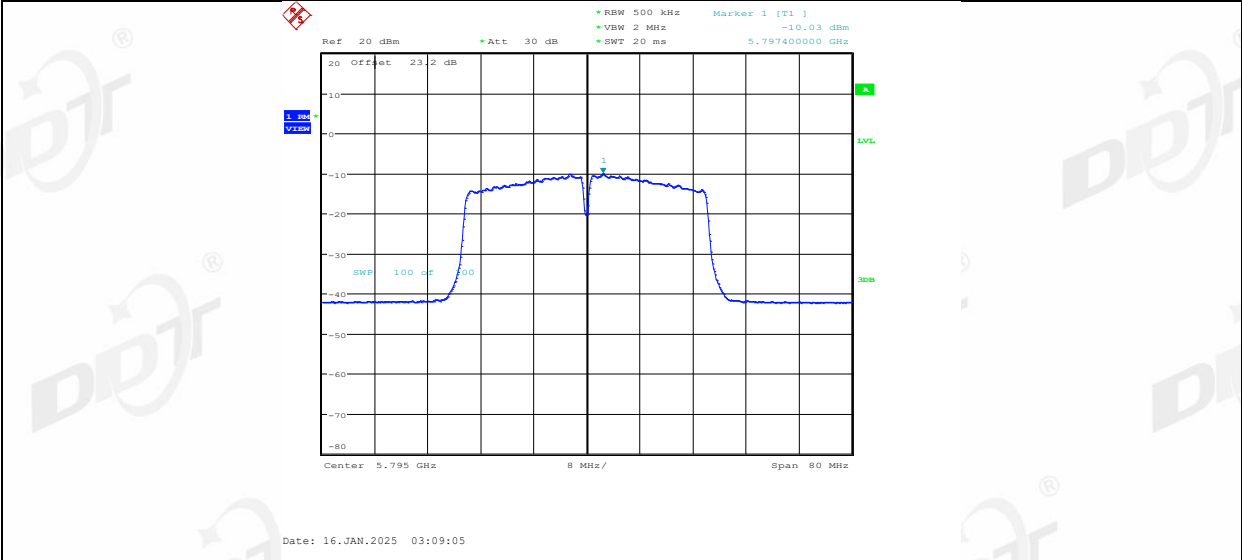
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610



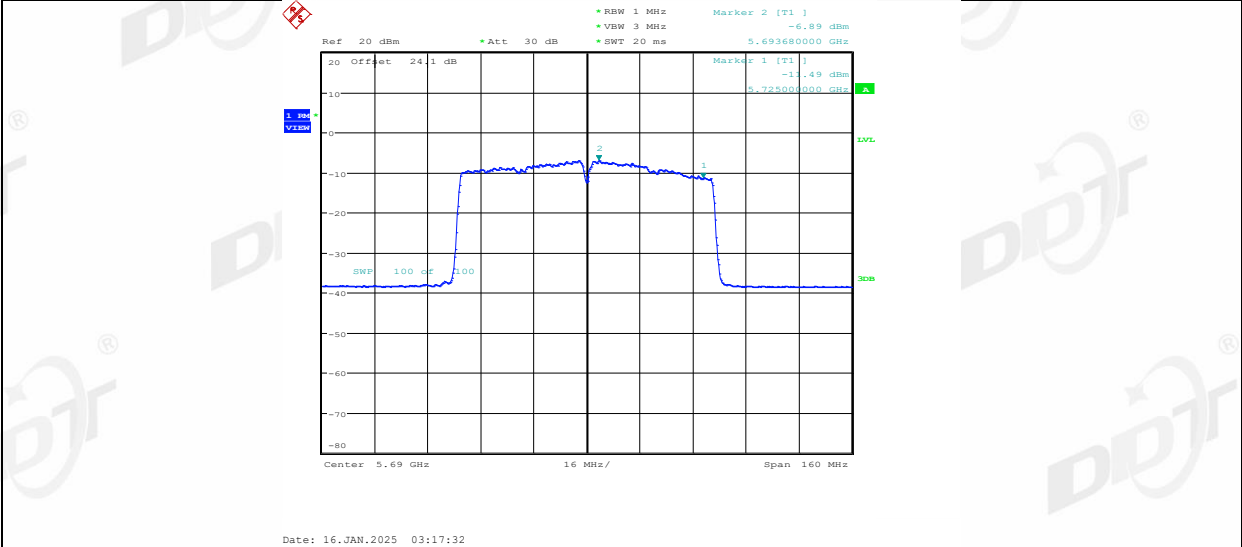
11AC80MIMO_Ant2_5610



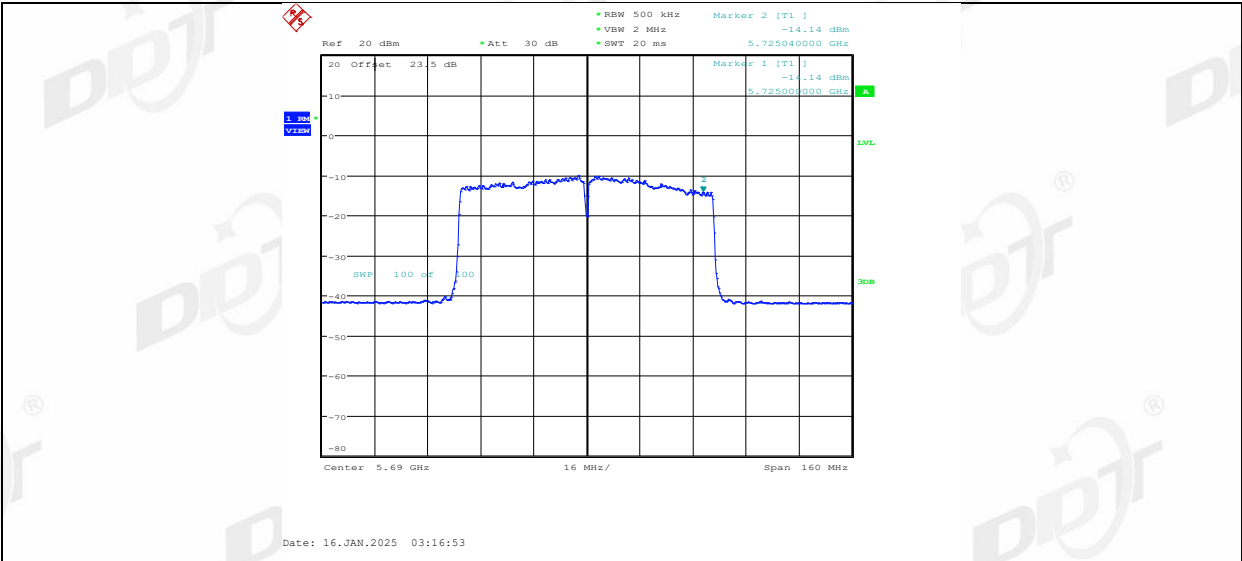
11AC80MIMO_Ant1_5690_UNII-2C



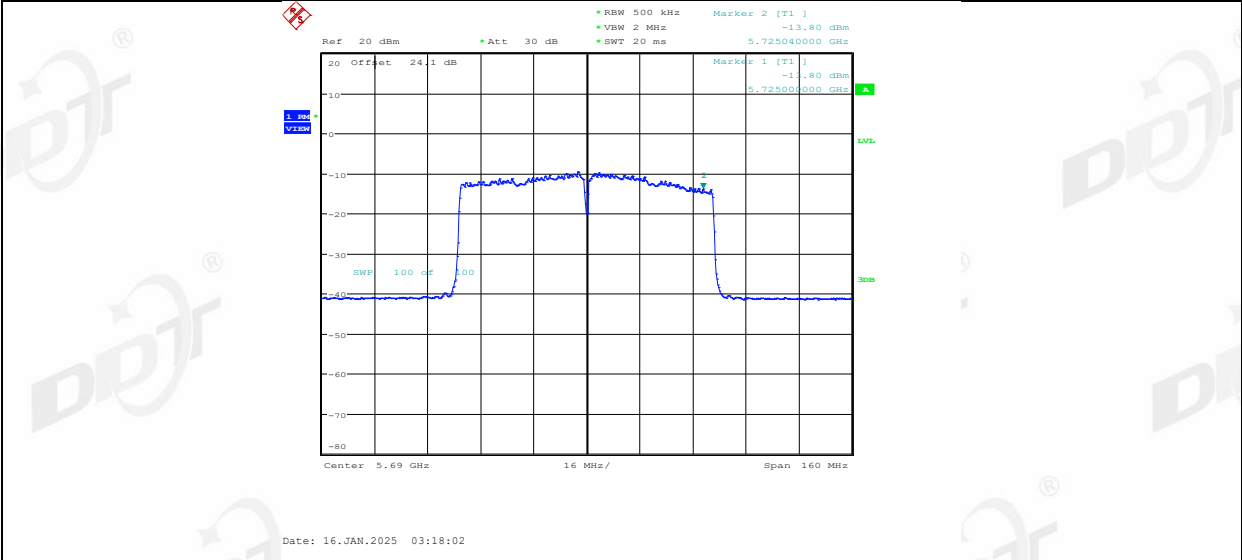
11AC80MIMO_Ant2_5690_UNII-2C



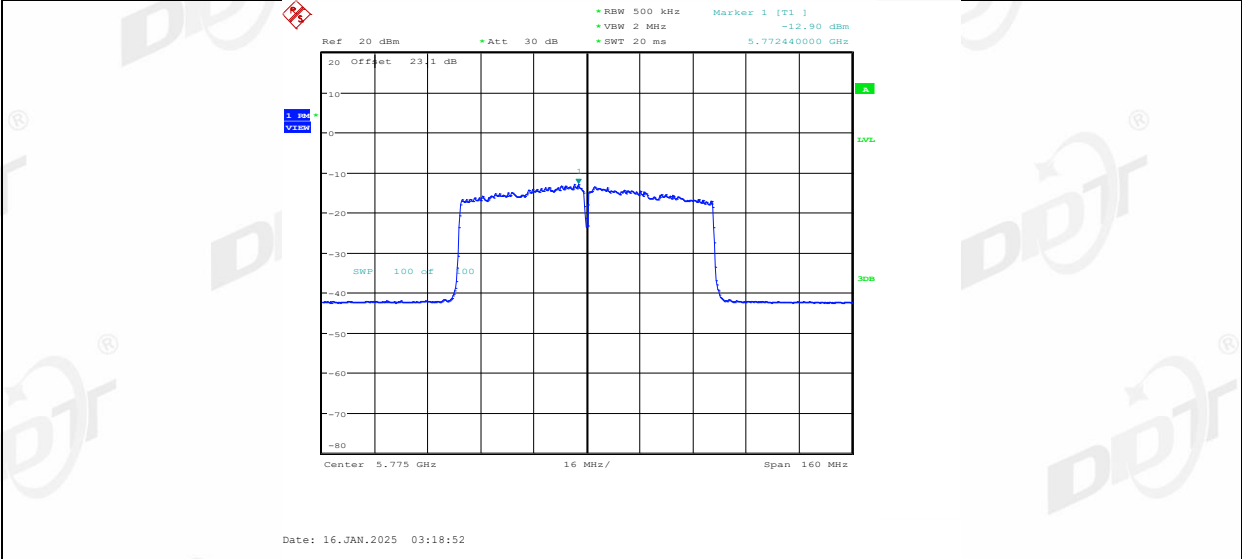
11AC80MIMO_Ant1_5690_UNII-3



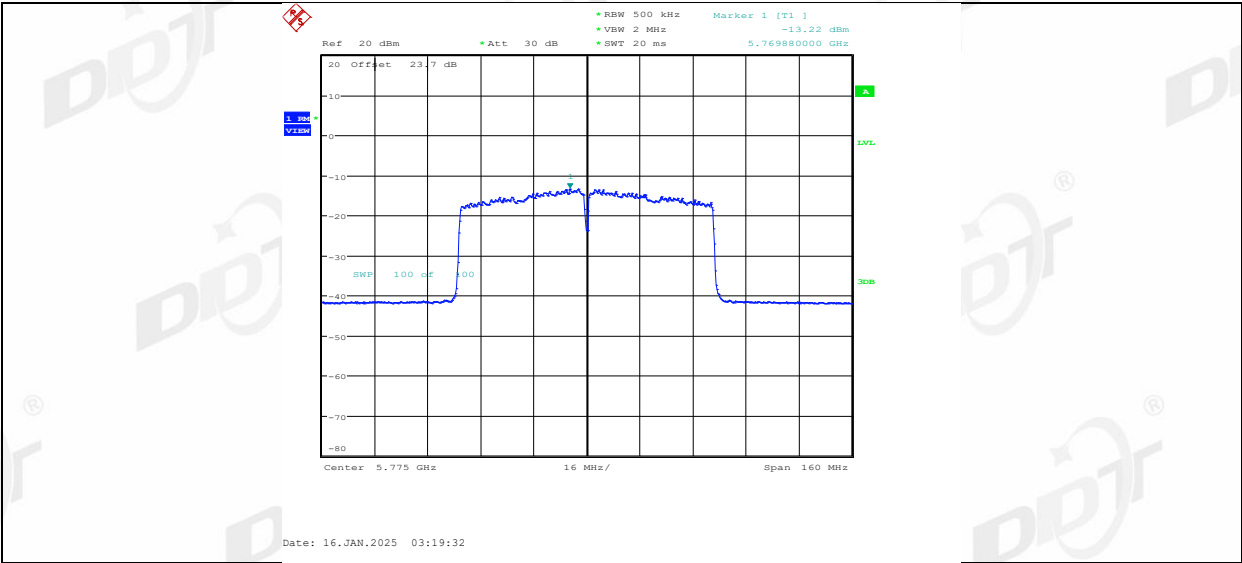
11AC80MIMO Ant2_5690_UNII-3



11AC80MIMO Ant1_5775



11AC80MIMO 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.

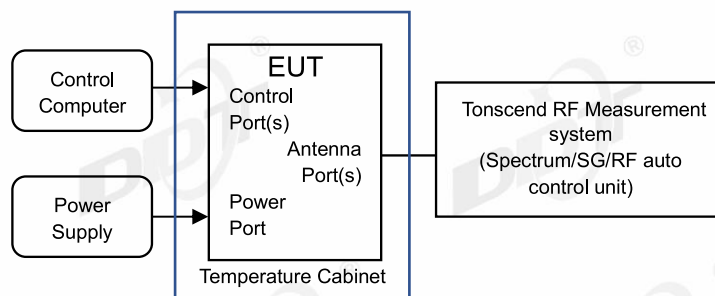
10.2. Measuring Instruments

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:	Haofeng	Test Site:	RF Measurement System 1#
Ambient Condition:	24.6℃,46.8%RH	Test Date:	2024.10.19/2024.12.11~2024.12.13
Test Power Supply:	AC120V/60Hz	Sample Number:	S24091913-002

Voltage								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MIMO	Ant1	5180	NV	NT	-100000.00	-19.305019	20	PASS
			LV	NT	-60000.00	-11.583012	20	PASS
			HV	NT	-60000.00	-11.583012	20	PASS
	Ant2	5180	NV	NT	-100000.00	-19.305019	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-100000.00	-19.305019	20	PASS
	Ant1	5200	NV	NT	-100000.00	-19.230769	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-100000.00	-19.230769	20	PASS
	Ant2	5200	NV	NT	-100000.00	-19.230769	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-80000.00	-15.384615	20	PASS
	Ant1	5240	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-100000.00	-19.083969	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
	Ant2	5240	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-100000.00	-19.083969	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
	Ant1	5260	NV	NT	-100000.00	-19.011407	20	PASS
			LV	NT	-80000.00	-15.209125	20	PASS
			HV	NT	-80000.00	-15.209125	20	PASS
	Ant2	5260	NV	NT	-80000.00	-15.209125	20	PASS
			LV	NT	-80000.00	-15.209125	20	PASS
			HV	NT	-80000.00	-15.209125	20	PASS
	Ant1	5280	NV	NT	-80000.00	-15.151515	20	PASS
			LV	NT	-80000.00	-15.151515	20	PASS
			HV	NT	-100000.00	-18.939394	20	PASS
	Ant2	5280	NV	NT	-100000.00	-18.939394	20	PASS
			LV	NT	-80000.00	-15.151515	20	PASS
			HV	NT	-80000.00	-15.151515	20	PASS
	Ant1	5320	NV	NT	-100000.00	-18.796992	20	PASS
			LV	NT	-80000.00	-15.037594	20	PASS
			HV	NT	-80000.00	-15.037594	20	PASS
	Ant2	5320	NV	NT	-60000.00	-11.278195	20	PASS
			LV	NT	-100000.00	-18.796992	20	PASS
			HV	NT	-100000.00	-18.796992	20	PASS
	Ant1	5500	NV	NT	-80000.00	-14.545455	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
	Ant2	5500	NV	NT	-100000.00	-18.181818	20	PASS
			LV	NT	-100000.00	-18.181818	20	PASS
			HV	NT	-80000.00	-14.545455	20	PASS
	Ant1	5580	NV	NT	-80000.00	-14.336918	20	PASS
			LV	NT	-80000.00	-14.336918	20	PASS
			HV	NT	-100000.00	-17.921147	20	PASS
	Ant2	5580	NV	NT	-100000.00	-17.921147	20	PASS
			LV	NT	-100000.00	-17.921147	20	PASS
			HV	NT	-60000.00	-10.752688	20	PASS
	Ant1	5700	NV	NT	-100000.00	-17.543860	20	PASS
			LV	NT	-80000.00	-14.035088	20	PASS
			HV	NT	-80000.00	-14.035088	20	PASS
	Ant2	5700	NV	NT	-60000.00	-10.526316	20	PASS
			LV	NT	-100000.00	-17.543860	20	PASS

	Ant1	5720	HV	NT	-80000.00	-14.035088	20	PASS
			NV	NT	-100000.00	-17.482517	20	PASS
			LV	NT	-100000.00	-17.482517	20	PASS
			HV	NT	-100000.00	-17.482517	20	PASS
	Ant2	5720	NV	NT	-80000.00	-13.986014	20	PASS
			LV	NT	-100000.00	-17.482517	20	PASS
			HV	NT	-60000.00	-10.489510	20	PASS
	Ant1	5745	NV	NT	-80000.00	-13.925152	20	PASS
			LV	NT	-80000.00	-13.925152	20	PASS
			HV	NT	-100000.00	-17.406440	20	PASS
	Ant2	5745	NV	NT	-80000.00	-13.925152	20	PASS
			LV	NT	-80000.00	-13.925152	20	PASS
			HV	NT	-80000.00	-13.925152	20	PASS
	Ant1	5785	NV	NT	-100000.00	-17.286085	20	PASS
			LV	NT	-100000.00	-17.286085	20	PASS
			HV	NT	-100000.00	-17.286085	20	PASS
	Ant2	5785	NV	NT	-80000.00	-13.828868	20	PASS
			LV	NT	-80000.00	-13.828868	20	PASS
			HV	NT	-100000.00	-17.286085	20	PASS
	Ant1	5825	NV	NT	-80000.00	-13.733906	20	PASS
			LV	NT	-80000.00	-13.733906	20	PASS
			HV	NT	-80000.00	-13.733906	20	PASS
	Ant2	5825	NV	NT	-100000.00	-17.167382	20	PASS
			LV	NT	-80000.00	-13.733906	20	PASS
			HV	NT	-80000.00	-13.733906	20	PASS
11AC40MIMO	Ant1	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
	Ant2	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
	Ant1	5230	NV	NT	-80000.00	-15.296367	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-80000.00	-15.296367	20	PASS
	Ant2	5230	NV	NT	-80000.00	-15.296367	20	PASS
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	-80000.00	-15.296367	20	PASS
	Ant1	5270	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-40000.00	-7.590133	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS
	Ant2	5270	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS
	Ant1	5310	NV	NT	-80000.00	-15.065913	20	PASS
			LV	NT	-80000.00	-15.065913	20	PASS
			HV	NT	-80000.00	-15.065913	20	PASS
	Ant2	5310	NV	NT	-80000.00	-15.065913	20	PASS
			LV	NT	-80000.00	-15.065913	20	PASS
			HV	NT	-80000.00	-15.065913	20	PASS
	Ant1	5510	NV	NT	-80000.00	-14.519056	20	PASS
			LV	NT	-80000.00	-14.519056	20	PASS
			HV	NT	-80000.00	-14.519056	20	PASS
	Ant2	5510	NV	NT	-80000.00	-14.519056	20	PASS
			LV	NT	-80000.00	-14.519056	20	PASS
			HV	NT	-80000.00	-14.519056	20	PASS
	Ant1	5550	NV	NT	-80000.00	-14.414414	20	PASS
			LV	NT	-80000.00	-14.414414	20	PASS
			HV	NT	-80000.00	-14.414414	20	PASS
	Ant2	5550	NV	NT	-80000.00	-14.414414	20	PASS
			LV	NT	-80000.00	-14.414414	20	PASS
			HV	NT	-80000.00	-14.414414	20	PASS
	Ant1	5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	-80000.00	-14.109347	20	PASS
			HV	NT	-80000.00	-14.109347	20	PASS

	Ant2	5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	-80000.00	-14.109347	20	PASS
			HV	NT	-80000.00	-14.109347	20	PASS
	Ant1	5710	NV	NT	-80000.00	-14.010508	20	PASS
			LV	NT	-80000.00	-14.010508	20	PASS
			HV	NT	-80000.00	-14.010508	20	PASS
	Ant2	5710	NV	NT	-80000.00	-14.010508	20	PASS
			LV	NT	-80000.00	-14.010508	20	PASS
			HV	NT	-80000.00	-14.010508	20	PASS
	Ant1	5755	NV	NT	-80000.00	-13.900956	20	PASS
			LV	NT	-80000.00	-13.900956	20	PASS
			HV	NT	-80000.00	-13.900956	20	PASS
	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS
			LV	NT	-80000.00	-13.900956	20	PASS
			HV	NT	-80000.00	-13.900956	20	PASS
	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
			LV	NT	-80000.00	-13.805004	20	PASS
			HV	NT	-80000.00	-13.805004	20	PASS
	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	PASS
			LV	NT	-80000.00	-15.355086	20	PASS
			HV	NT	-80000.00	-15.355086	20	PASS
	Ant2	5210	NV	NT	-80000.00	-15.355086	20	PASS
			LV	NT	-80000.00	-15.355086	20	PASS
			HV	NT	-80000.00	-15.355086	20	PASS
	Ant1	5290	NV	NT	-80000.00	-15.122873	20	PASS
			LV	NT	-80000.00	-15.122873	20	PASS
			HV	NT	-80000.00	-15.122873	20	PASS
	Ant2	5290	NV	NT	-80000.00	-15.122873	20	PASS
			LV	NT	-80000.00	-15.122873	20	PASS
			HV	NT	80000.00	15.122873	20	PASS
	Ant1	5530	NV	NT	-80000.00	-14.466546	20	PASS
			LV	NT	-80000.00	-14.466546	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5530	NV	NT	-80000.00	-14.466546	20	PASS
			LV	NT	-80000.00	-14.466546	20	PASS
			HV	NT	-80000.00	-14.466546	20	PASS
	Ant1	5610	NV	NT	-80000.00	-14.260250	20	PASS
			LV	NT	-80000.00	-14.260250	20	PASS
			HV	NT	-80000.00	-14.260250	20	PASS
	Ant2	5610	NV	NT	-80000.00	-14.260250	20	PASS
			LV	NT	-80000.00	-14.260250	20	PASS
			HV	NT	-80000.00	-14.260250	20	PASS
	Ant1	5690	NV	NT	-80000.00	-14.059754	20	PASS
			LV	NT	-80000.00	-14.059754	20	PASS
			HV	NT	-80000.00	-14.059754	20	PASS
	Ant2	5690	NV	NT	-80000.00	-14.059754	20	PASS
			LV	NT	-80000.00	-14.059754	20	PASS
			HV	NT	-80000.00	-14.059754	20	PASS
	Ant1	5775	NV	NT	-80000.00	-13.852814	20	PASS
			LV	NT	-80000.00	-13.852814	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS
	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	13.852814	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS

Test Mode	Antenna	Frequency[MHz]	Temperature					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11AC20MIMO	Ant1	5180	NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-80000.00	-15.444015	20	PASS
			NV	20	-80000.00	-15.444015	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-100000.00	-19.305019	20	PASS
			NV	50	-100000.00	-19.305019	20	PASS
	Ant2	5180	NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-80000.00	-15.444015	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-80000.00	-15.444015	20	PASS
			NV	50	-80000.00	-15.444015	20	PASS
	Ant1	5200	NV	0	-80000.00	-15.384615	20	PASS
			NV	10	-80000.00	-15.384615	20	PASS
			NV	20	-100000.00	-19.230769	20	PASS
			NV	30	-80000.00	-15.384615	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
			NV	50	-60000.00	-11.538462	20	PASS
	Ant2	5200	NV	0	-60000.00	-11.538462	20	PASS
			NV	10	-80000.00	-15.384615	20	PASS
			NV	20	-100000.00	-19.230769	20	PASS
			NV	30	-60000.00	-11.538462	20	PASS
			NV	40	-100000.00	-19.230769	20	PASS
			NV	50	-100000.00	-19.230769	20	PASS
	Ant1	5240	NV	0	-80000.00	-15.267176	20	PASS
			NV	10	-80000.00	-15.267176	20	PASS
			NV	20	-80000.00	-15.267176	20	PASS
			NV	30	-80000.00	-15.267176	20	PASS
			NV	40	-100000.00	-19.083969	20	PASS
			NV	50	-100000.00	-19.083969	20	PASS
	Ant2	5240	NV	0	-100000.00	-19.083969	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-100000.00	-19.083969	20	PASS
			NV	40	-100000.00	-19.083969	20	PASS
			NV	50	-100000.00	-19.083969	20	PASS
	Ant1	5260	NV	0	-100000.00	-19.011407	20	PASS
			NV	10	-80000.00	-15.209125	20	PASS
			NV	20	-100000.00	-19.011407	20	PASS
			NV	30	-80000.00	-15.209125	20	PASS
			NV	40	-100000.00	-19.011407	20	PASS
			NV	50	-100000.00	-19.011407	20	PASS
	Ant2	5260	NV	0	-60000.00	-11.406844	20	PASS
			NV	10	-80000.00	-15.209125	20	PASS
			NV	20	-80000.00	-15.209125	20	PASS
			NV	30	-80000.00	-15.209125	20	PASS
			NV	40	-80000.00	-15.209125	20	PASS
			NV	50	-80000.00	-15.209125	20	PASS
	Ant1	5280	NV	0	-80000.00	-15.151515	20	PASS
			NV	10	-80000.00	-15.151515	20	PASS
			NV	20	-100000.00	-18.939394	20	PASS
			NV	30	-100000.00	-18.939394	20	PASS
			NV	40	-100000.00	-18.939394	20	PASS
			NV	50	-80000.00	-15.151515	20	PASS
	Ant2	5280	NV	0	-80000.00	-15.151515	20	PASS
			NV	10	-100000.00	-18.939394	20	PASS
			NV	20	-60000.00	-11.363636	20	PASS
			NV	30	-100000.00	-18.939394	20	PASS
			NV	40	-100000.00	-18.939394	20	PASS
			NV	50	-80000.00	-15.151515	20	PASS

	Ant1	5320	NV	0	-100000.00	-18.796992	20	PASS
			NV	10	-80000.00	-15.037594	20	PASS
			NV	20	-80000.00	-15.037594	20	PASS
			NV	30	-100000.00	-18.796992	20	PASS
			NV	40	-100000.00	-18.796992	20	PASS
			NV	50	-80000.00	-15.037594	20	PASS
	Ant2	5320	NV	0	-80000.00	-15.037594	20	PASS
			NV	10	-80000.00	-15.037594	20	PASS
			NV	20	-80000.00	-15.037594	20	PASS
			NV	30	-80000.00	-15.037594	20	PASS
			NV	40	-80000.00	-15.037594	20	PASS
			NV	50	-100000.00	-18.796992	20	PASS
	Ant1	5500	NV	0	-100000.00	-18.181818	20	PASS
			NV	10	-80000.00	-14.545455	20	PASS
			NV	20	-80000.00	-14.545455	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-60000.00	-10.909091	20	PASS
			NV	50	-100000.00	-18.181818	20	PASS
	Ant2	5500	NV	0	-80000.00	-14.545455	20	PASS
			NV	10	-80000.00	-14.545455	20	PASS
			NV	20	-100000.00	-18.181818	20	PASS
			NV	30	-80000.00	-14.545455	20	PASS
			NV	40	-100000.00	-18.181818	20	PASS
			NV	50	-80000.00	-14.545455	20	PASS
	Ant1	5580	NV	0	-60000.00	-10.752688	20	PASS
			NV	10	-80000.00	-14.336918	20	PASS
			NV	20	-60000.00	-10.752688	20	PASS
			NV	30	-80000.00	-14.336918	20	PASS
			NV	40	-100000.00	-17.921147	20	PASS
			NV	50	-80000.00	-14.336918	20	PASS
	Ant2	5580	NV	0	-100000.00	-17.921147	20	PASS
			NV	10	-100000.00	-17.921147	20	PASS
			NV	20	-80000.00	-14.336918	20	PASS
			NV	30	-60000.00	-10.752688	20	PASS
			NV	40	-100000.00	-17.921147	20	PASS
			NV	50	-80000.00	-14.336918	20	PASS
	Ant1	5700	NV	0	-100000.00	-17.543860	20	PASS
			NV	10	-100000.00	-17.543860	20	PASS
			NV	20	-80000.00	-14.035088	20	PASS
			NV	30	-80000.00	-14.035088	20	PASS
			NV	40	-80000.00	-14.035088	20	PASS
			NV	50	-100000.00	-17.543860	20	PASS
	Ant2	5700	NV	0	-60000.00	-10.526316	20	PASS
			NV	10	-80000.00	-14.035088	20	PASS
			NV	20	-80000.00	-14.035088	20	PASS
			NV	30	-100000.00	-17.543860	20	PASS
			NV	40	-100000.00	-17.543860	20	PASS
			NV	50	-100000.00	-17.543860	20	PASS
	Ant1	5720	NV	0	-100000.00	-17.482517	20	PASS
			NV	10	-100000.00	-17.482517	20	PASS
			NV	20	-100000.00	-17.482517	20	PASS
			NV	30	-100000.00	-17.482517	20	PASS
			NV	40	-80000.00	-13.986014	20	PASS
			NV	50	-80000.00	-13.986014	20	PASS
	Ant2	5720	NV	0	-80000.00	-13.986014	20	PASS
			NV	10	-100000.00	-17.482517	20	PASS
			NV	20	-80000.00	-13.986014	20	PASS
			NV	30	-80000.00	-13.986014	20	PASS
			NV	40	-80000.00	-13.986014	20	PASS
			NV	50	-80000.00	-13.986014	20	PASS
	Ant1	5745	NV	0	-80000.00	-13.925152	20	PASS
			NV	10	-100000.00	-17.406440	20	PASS
			NV	20	-100000.00	-17.406440	20	PASS
			NV	30	-100000.00	-17.406440	20	PASS

			NV	40	-80000.00	-13.925152	20	PASS
			NV	50	-100000.00	-17.406440	20	PASS
	Ant2	5745	NV	0	-80000.00	-13.925152	20	PASS
			NV	10	-80000.00	-13.925152	20	PASS
			NV	20	-100000.00	-17.406440	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	-80000.00	-13.925152	20	PASS
			NV	50	-80000.00	-13.925152	20	PASS
	Ant1	5785	NV	0	-100000.00	-17.286085	20	PASS
			NV	10	-80000.00	-13.828868	20	PASS
			NV	20	-100000.00	-17.286085	20	PASS
			NV	30	-100000.00	-17.286085	20	PASS
			NV	40	-100000.00	-17.286085	20	PASS
			NV	50	-100000.00	-17.286085	20	PASS
	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
			NV	10	-80000.00	-13.828868	20	PASS
			NV	20	-80000.00	-13.828868	20	PASS
			NV	30	-100000.00	-17.286085	20	PASS
			NV	40	-80000.00	-13.828868	20	PASS
			NV	50	-80000.00	-13.828868	20	PASS
	Ant1	5825	NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-100000.00	-17.167382	20	PASS
			NV	20	-80000.00	-13.733906	20	PASS
			NV	30	-80000.00	-13.733906	20	PASS
			NV	40	-80000.00	-13.733906	20	PASS
			NV	50	-80000.00	-13.733906	20	PASS
	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
			NV	10	-80000.00	-13.733906	20	PASS
			NV	20	-100000.00	-17.167382	20	PASS
			NV	30	-100000.00	-17.167382	20	PASS
			NV	40	-100000.00	-17.167382	20	PASS
			NV	50	-60000.00	-10.300429	20	PASS
11AC40MIMO	Ant1	5190	NV	0	-80000.00	-15.414258	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-80000.00	-15.414258	20	PASS
			NV	50	-80000.00	-15.414258	20	PASS
	Ant2	5190	NV	0	-80000.00	-15.414258	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-80000.00	-15.414258	20	PASS
			NV	50	-80000.00	-15.414258	20	PASS
	Ant1	5230	NV	0	-80000.00	-15.296367	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	-80000.00	-15.296367	20	PASS
			NV	30	-80000.00	-15.296367	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-80000.00	-15.296367	20	PASS
	Ant2	5230	NV	0	-80000.00	-15.296367	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	-80000.00	-15.296367	20	PASS
			NV	30	-80000.00	-15.296367	20	PASS
			NV	40	-80000.00	-15.296367	20	PASS
			NV	50	-80000.00	-15.296367	20	PASS
	Ant1	5270	NV	0	-80000.00	-15.180266	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-80000.00	-15.180266	20	PASS
			NV	30	-80000.00	-15.180266	20	PASS
			NV	40	-80000.00	-15.180266	20	PASS
			NV	50	-80000.00	-15.180266	20	PASS
	Ant2	5270	NV	0	-80000.00	-15.180266	20	PASS
			NV	10	-80000.00	-15.180266	20	PASS

			NV	20	-80000.00	-15.180266	20	PASS
			NV	30	-80000.00	-15.180266	20	PASS
			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-80000.00	-15.180266	20	PASS
Ant1	5310		NV	0	-80000.00	-15.065913	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS
			NV	30	-80000.00	-15.065913	20	PASS
			NV	40	-80000.00	-15.065913	20	PASS
			NV	50	-80000.00	-15.065913	20	PASS
Ant2	5310		NV	0	-80000.00	-15.065913	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS
			NV	30	-80000.00	-15.065913	20	PASS
			NV	40	-80000.00	-15.065913	20	PASS
			NV	50	-80000.00	-15.065913	20	PASS
Ant1	5510		NV	0	-80000.00	-14.519056	20	PASS
			NV	10	-80000.00	-14.519056	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	-80000.00	-14.519056	20	PASS
			NV	40	-80000.00	-14.519056	20	PASS
			NV	50	-80000.00	-14.519056	20	PASS
Ant2	5510		NV	0	-80000.00	-14.519056	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	80000.00	14.519056	20	PASS
			NV	30	80000.00	14.519056	20	PASS
			NV	40	-80000.00	-14.519056	20	PASS
			NV	50	-80000.00	-14.519056	20	PASS
Ant1	5550		NV	0	-80000.00	-14.414414	20	PASS
			NV	10	-80000.00	-14.414414	20	PASS
			NV	20	-80000.00	-14.414414	20	PASS
			NV	30	-80000.00	-14.414414	20	PASS
			NV	40	-80000.00	-14.414414	20	PASS
			NV	50	-80000.00	-14.414414	20	PASS
Ant2	5550		NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	-40000.00	-7.207207	20	PASS
			NV	50	-80000.00	-14.414414	20	PASS
Ant1	5670		NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	-80000.00	-14.109347	20	PASS
			NV	30	-80000.00	-14.109347	20	PASS
			NV	40	-80000.00	-14.109347	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
Ant2	5670		NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	-80000.00	-14.109347	20	PASS
			NV	30	-80000.00	-14.109347	20	PASS
			NV	40	-80000.00	-14.109347	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
Ant1	5710		NV	0	-40000.00	-7.005254	20	PASS
			NV	10	-80000.00	-14.010508	20	PASS
			NV	20	-80000.00	-14.010508	20	PASS
			NV	30	-80000.00	-14.010508	20	PASS
			NV	40	-80000.00	-14.010508	20	PASS
			NV	50	-80000.00	-14.010508	20	PASS
Ant2	5710		NV	0	-80000.00	-14.010508	20	PASS
			NV	10	-80000.00	-14.010508	20	PASS
			NV	20	-80000.00	-14.010508	20	PASS
			NV	30	-80000.00	-14.010508	20	PASS
			NV	40	-80000.00	-14.010508	20	PASS
			NV	50	-80000.00	-14.010508	20	PASS

	Ant1	5755	NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-80000.00	-13.900956	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	-80000.00	-13.900956	20	PASS
			NV	50	-80000.00	-13.900956	20	PASS
	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-80000.00	-13.900956	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	-80000.00	-13.900956	20	PASS
			NV	50	-80000.00	-13.900956	20	PASS
	Ant1	5795	NV	0	-80000.00	-13.805004	20	PASS
			NV	10	-80000.00	-13.805004	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS
			NV	40	-80000.00	-13.805004	20	PASS
			NV	50	-80000.00	-13.805004	20	PASS
	Ant2	5795	NV	0	-80000.00	-13.805004	20	PASS
			NV	10	-80000.00	-13.805004	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS
			NV	40	-80000.00	-13.805004	20	PASS
			NV	50	-80000.00	-13.805004	20	PASS
11AC80MIMO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	-15.355086	20	PASS
			NV	20	-80000.00	-15.355086	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	-80000.00	-15.355086	20	PASS
	Ant2	5210	NV	0	-80000.00	-15.355086	20	PASS
			NV	10	-80000.00	-15.355086	20	PASS
			NV	20	-80000.00	-15.355086	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	-80000.00	-15.355086	20	PASS
	Ant1	5290	NV	0	-80000.00	-15.122873	20	PASS
			NV	10	-80000.00	-15.122873	20	PASS
			NV	20	-80000.00	-15.122873	20	PASS
			NV	30	-80000.00	-15.122873	20	PASS
			NV	40	-80000.00	-15.122873	20	PASS
			NV	50	-80000.00	-15.122873	20	PASS
	Ant2	5290	NV	0	-80000.00	-15.122873	20	PASS
			NV	10	-80000.00	-15.122873	20	PASS
			NV	20	-80000.00	-15.122873	20	PASS
			NV	30	-80000.00	-15.122873	20	PASS
			NV	40	-80000.00	-15.122873	20	PASS
			NV	50	-80000.00	-15.122873	20	PASS
	Ant1	5530	NV	0	-80000.00	-14.466546	20	PASS
			NV	10	-80000.00	-14.466546	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-14.466546	20	PASS
			NV	40	-80000.00	-14.466546	20	PASS
			NV	50	-80000.00	-14.466546	20	PASS
	Ant2	5530	NV	0	-80000.00	-14.466546	20	PASS
			NV	10	-80000.00	-14.466546	20	PASS
			NV	20	-80000.00	-14.466546	20	PASS
			NV	30	-80000.00	-14.466546	20	PASS
			NV	40	-80000.00	-14.466546	20	PASS
			NV	50	-80000.00	-14.466546	20	PASS
	Ant1	5610	NV	0	-80000.00	-14.260250	20	PASS
			NV	10	-80000.00	-14.260250	20	PASS
			NV	20	-80000.00	-14.260250	20	PASS
			NV	30	-80000.00	-14.260250	20	PASS

			NV	40	-80000.00	-14.260250	20	PASS
			NV	50	-80000.00	-14.260250	20	PASS
	Ant2	5610	NV	0	-80000.00	-14.260250	20	PASS
			NV	10	-80000.00	-14.260250	20	PASS
			NV	20	-80000.00	-14.260250	20	PASS
			NV	30	-80000.00	-14.260250	20	PASS
			NV	40	-80000.00	-14.260250	20	PASS
			NV	50	-80000.00	-14.260250	20	PASS
	Ant1	5690	NV	0	-80000.00	-14.059754	20	PASS
			NV	10	-80000.00	-14.059754	20	PASS
			NV	20	-80000.00	-14.059754	20	PASS
			NV	30	-80000.00	-14.059754	20	PASS
			NV	40	-80000.00	-14.059754	20	PASS
			NV	50	-80000.00	-14.059754	20	PASS
	Ant2	5690	NV	0	-80000.00	-14.059754	20	PASS
			NV	10	-80000.00	-14.059754	20	PASS
			NV	20	-80000.00	-14.059754	20	PASS
			NV	30	-80000.00	-14.059754	20	PASS
			NV	40	-80000.00	-14.059754	20	PASS
			NV	50	-80000.00	-14.059754	20	PASS
	Ant1	5775	NV	0	-80000.00	-13.852814	20	PASS
			NV	10	-80000.00	-13.852814	20	PASS
			NV	20	-80000.00	-13.852814	20	PASS
			NV	30	-80000.00	-13.852814	20	PASS
			NV	40	-80000.00	-13.852814	20	PASS
			NV	50	-80000.00	-13.852814	20	PASS
	Ant2	5775	NV	0	-80000.00	-13.852814	20	PASS
			NV	10	-80000.00	-13.852814	20	PASS
			NV	20	-80000.00	-13.852814	20	PASS
			NV	30	-80000.00	-13.852814	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.