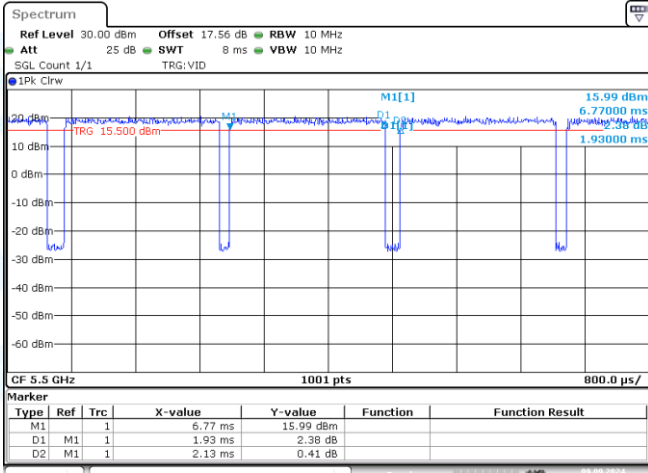
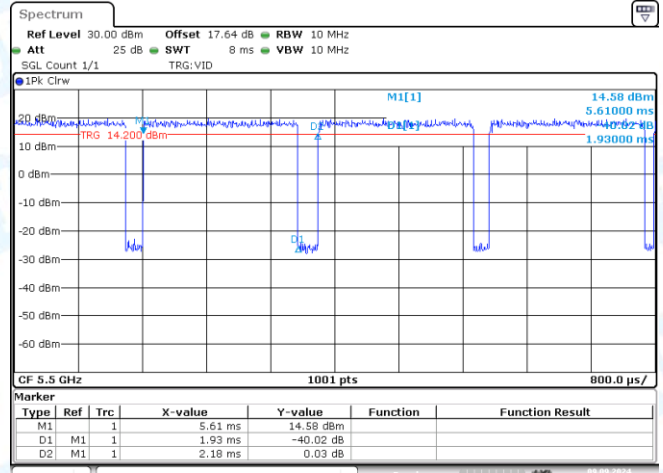




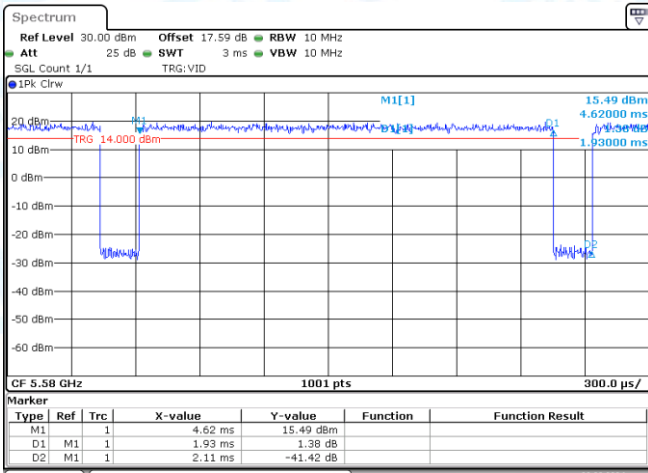
Date: 9.SEP.2024 20:16:38

NTVN-11AC20MIMO-Ant1-5500



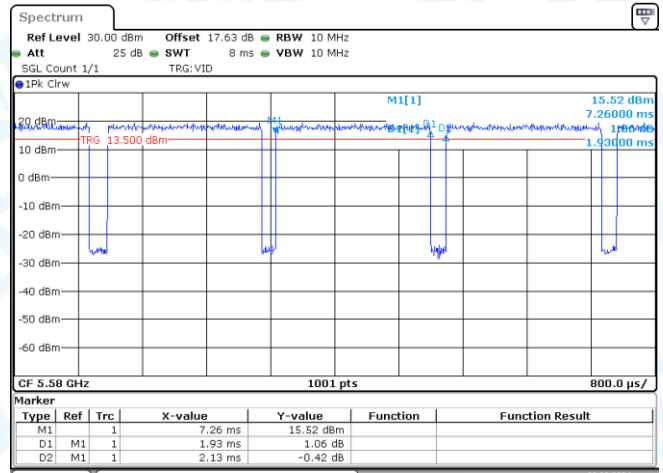
Date: 9.SEP.2024 20:18:50

NTVN-11AC20MIMO-Ant2-5500



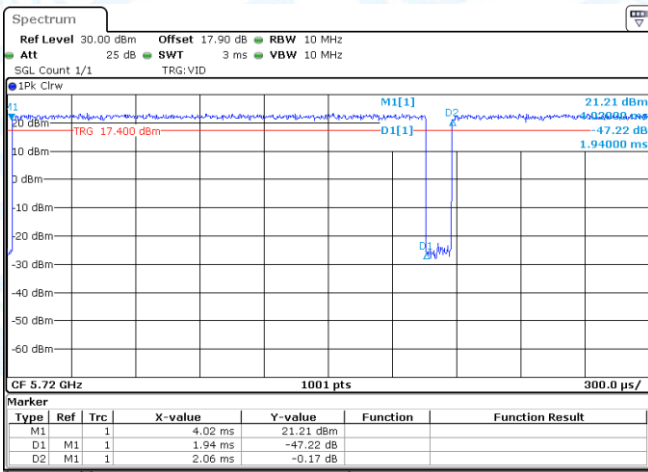
Date: 9.SEP.2024 20:25:26

NTVN-11AC20MIMO-Ant1-5580



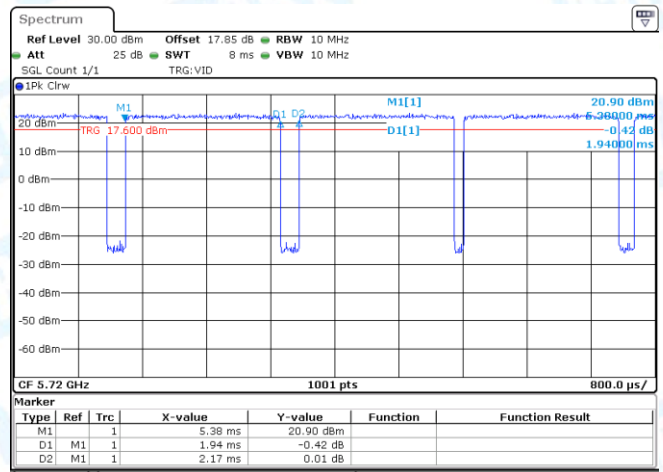
Date: 9.SEP.2024 20:27:54

NTVN-11AC20MIMO-Ant2-5580



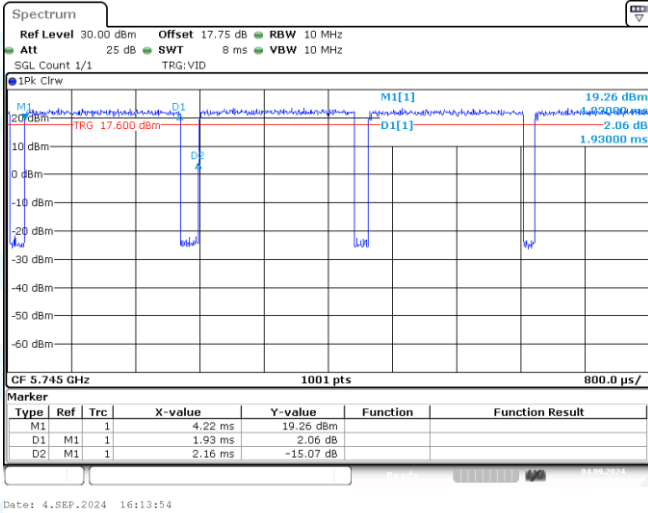
Date: 9.SEP.2024 20:31:41

NTVN-11AC20MIMO-Ant1-5720

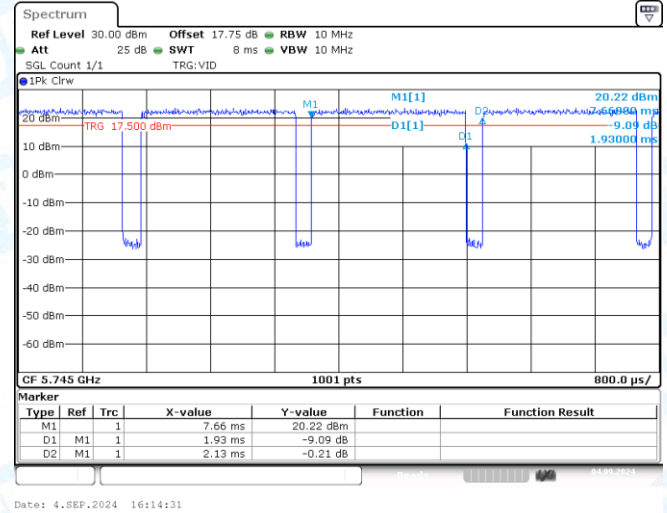


Date: 9.SEP.2024 20:35:59

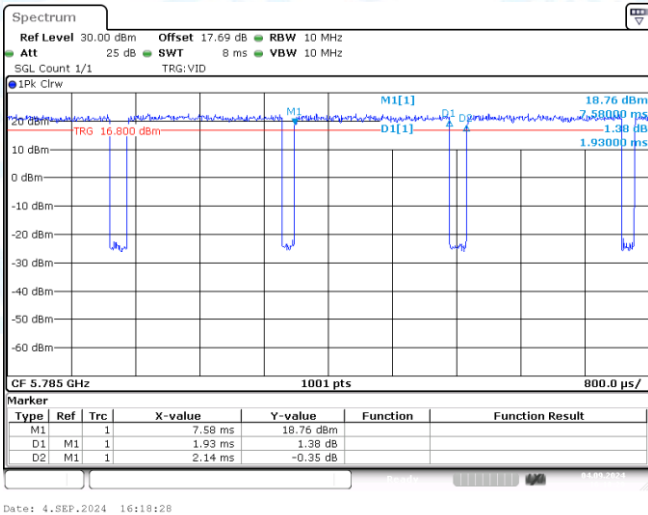
NTVN-11AC20MIMO-Ant2-5720



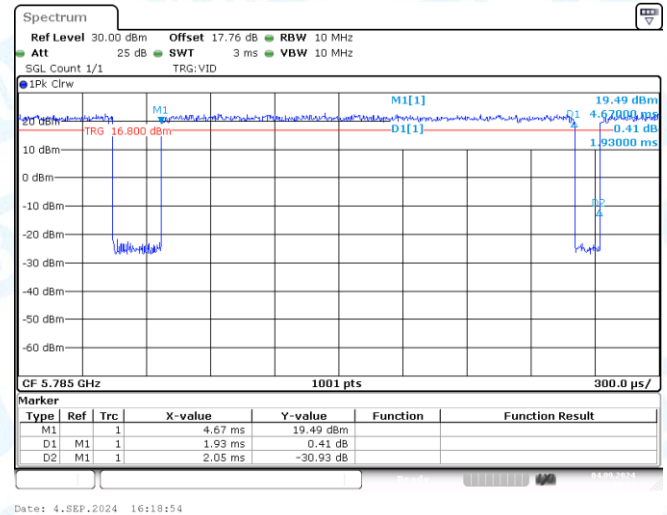
NTNV-11AC20MIMO-Ant1-5745



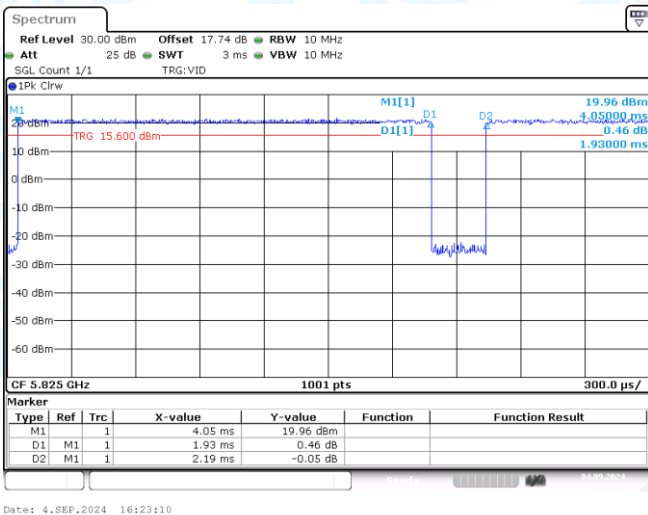
NTNV-11AC20MIMO-Ant2-5745



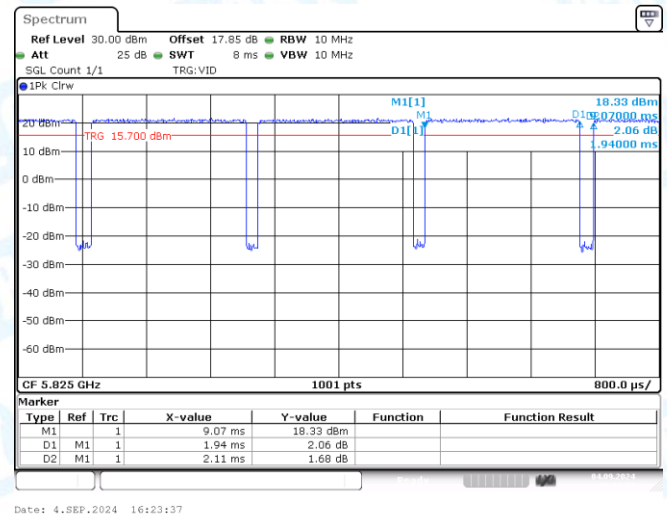
NTNV-11AC20MIMO-Ant1-5785



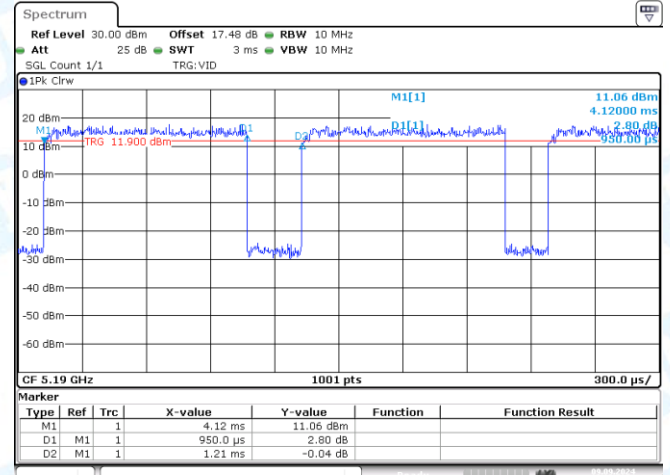
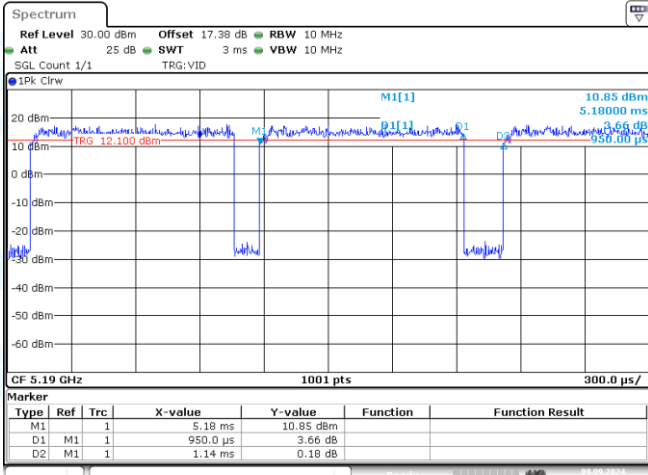
NTNV-11AC20MIMO-Ant2-5785



NTNV-11AC20MIMO-Ant1-5825

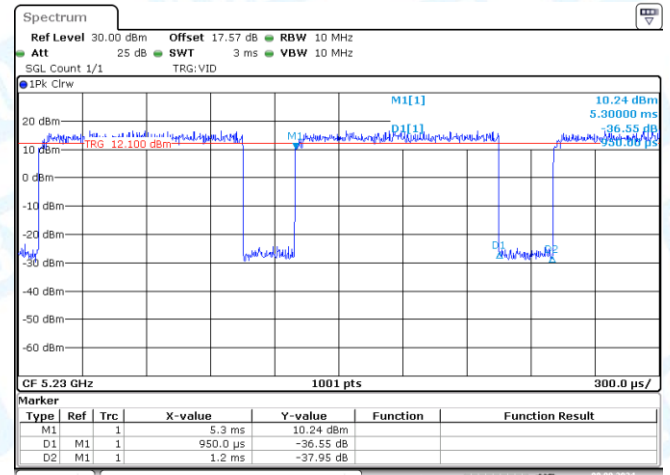
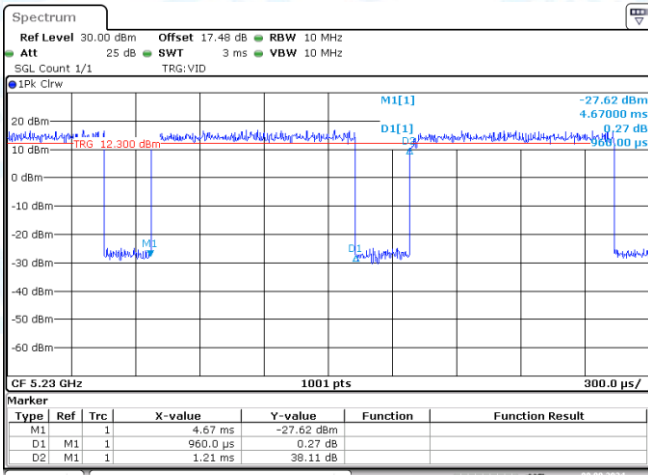


NTNV-11AC20MIMO-Ant2-5825



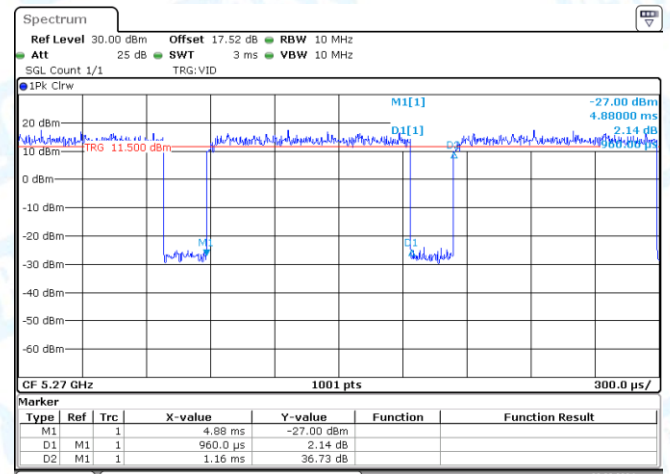
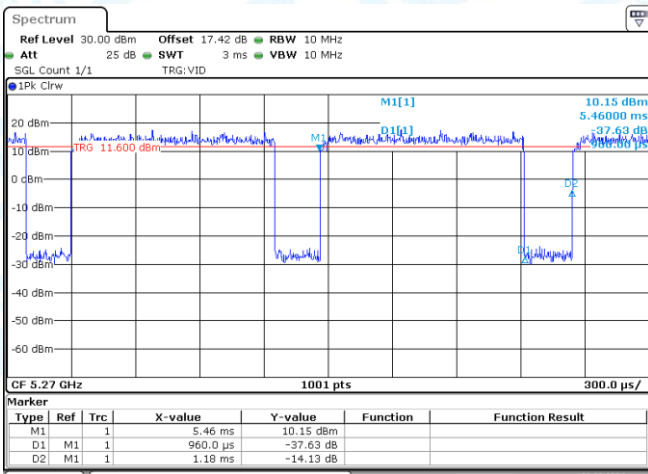
NTNV-11AC40MIMO-Ant1-5190

NTNV-11AC40MIMO-Ant2-5190



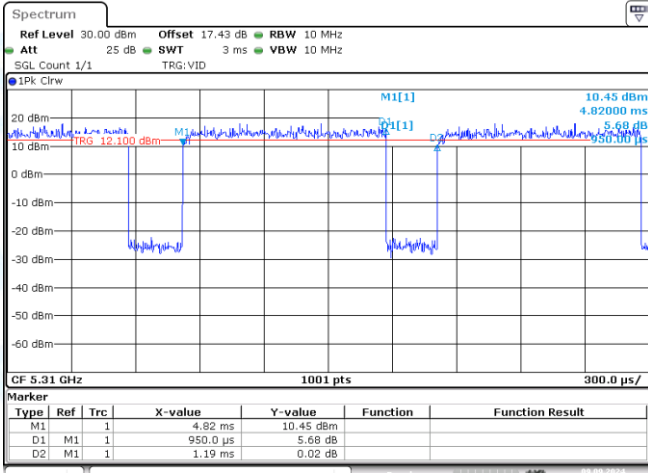
NTNV-11AC40MIMO-Ant1-5230

NTNV-11AC40MIMO-Ant2-5230



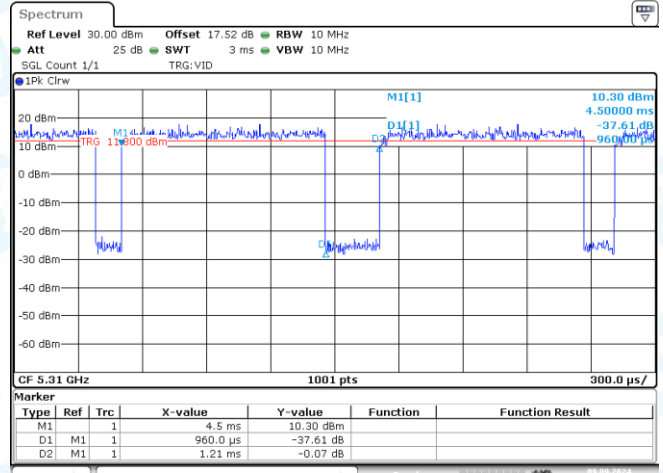
NTNV-11AC40MIMO-Ant1-5270

NTNV-11AC40MIMO-Ant2-5270



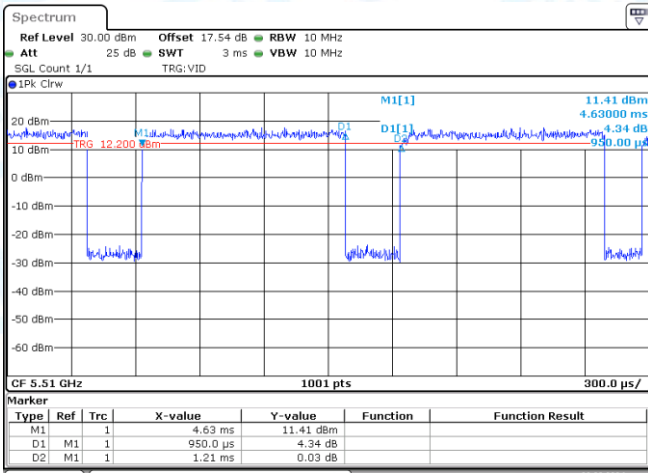
Date: 9.SEP.2024 20:51:17

NTNV-11AC40MIMO-Ant1-5310



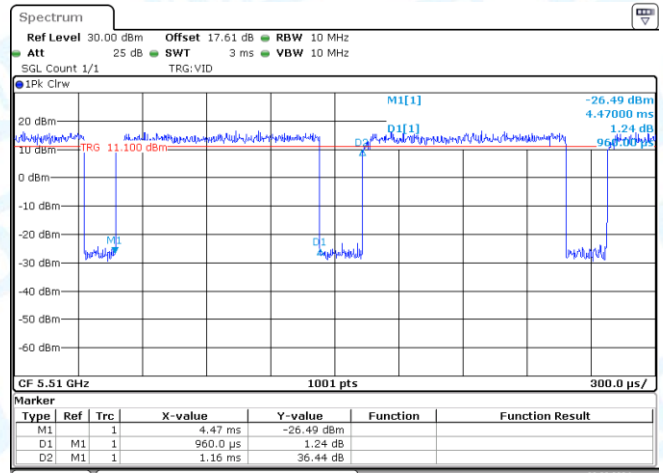
Date: 9.SEP.2024 20:53:17

NTNV-11AC40MIMO-Ant2-5310



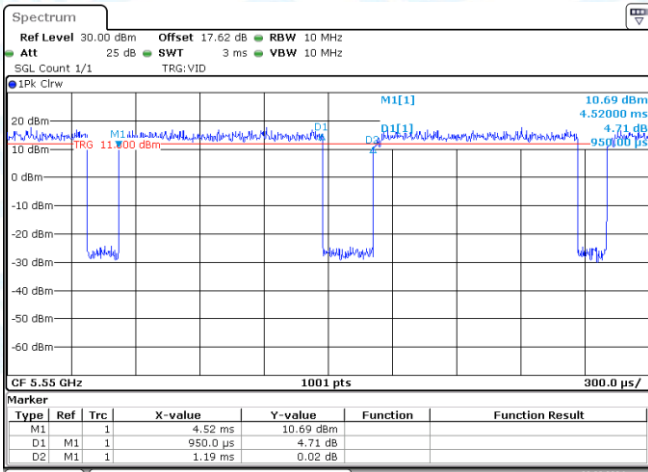
Date: 9.SEP.2024 20:55:26

NTNV-11AC40MIMO-Ant1-5510



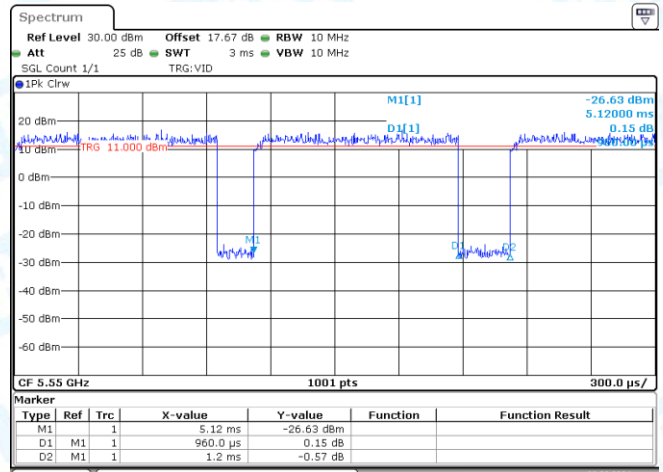
Date: 9.SEP.2024 20:57:15

NTNV-11AC40MIMO-Ant2-5510



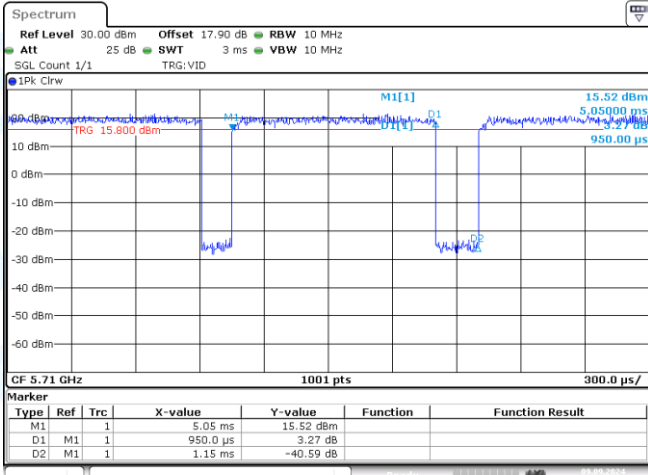
Date: 9.SEP.2024 21:00:28

NTNV-11AC40MIMO-Ant1-5550



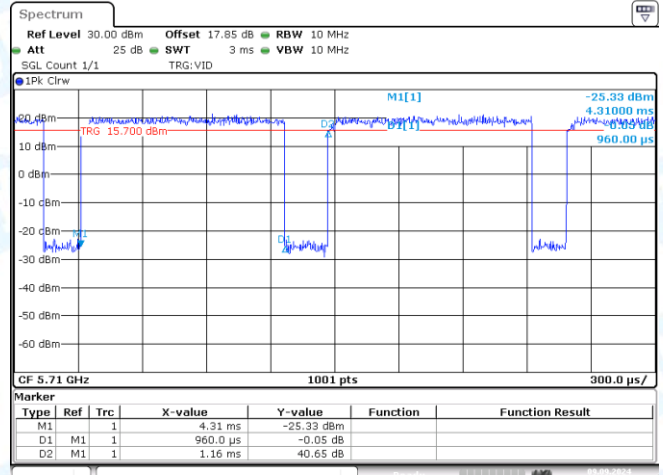
Date: 9.SEP.2024 21:02:15

NTNV-11AC40MIMO-Ant2-5550



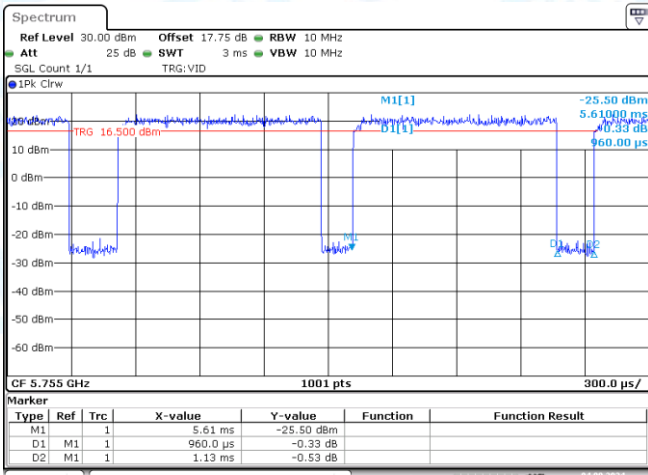
Date: 9.SEP.2024 21:06:29

NTNV-11AC40MIMO-Ant1-5710



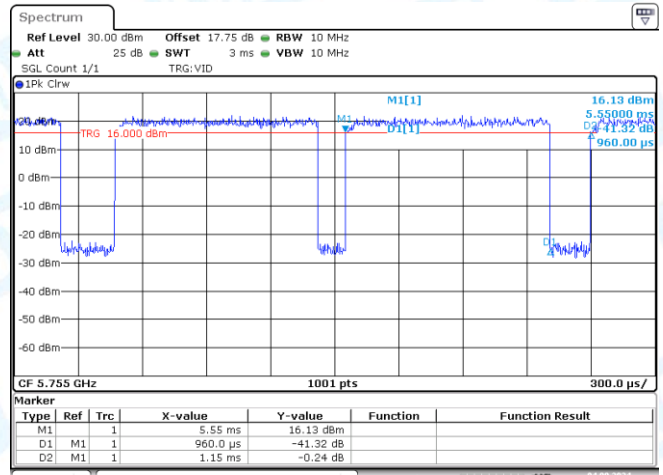
Date: 9.SEP.2024 21:09:19

NTNV-11AC40MIMO-Ant2-5710



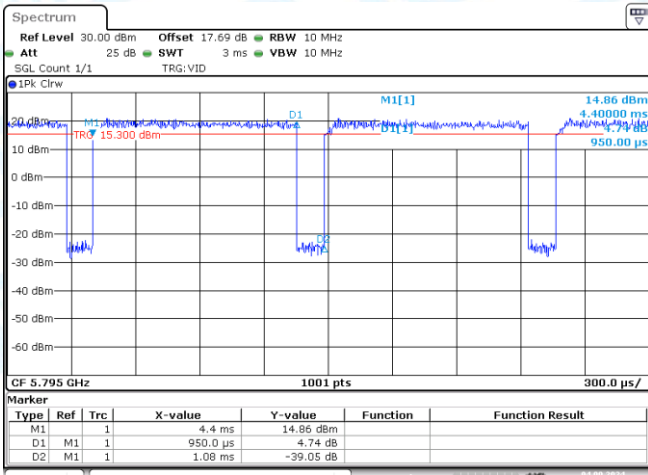
Date: 4.SEP.2024 16:32:58

NTNV-11AC40MIMO-Ant1-5755



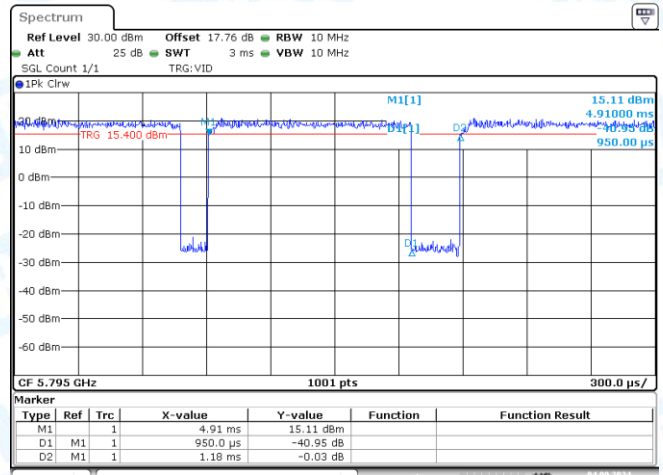
Date: 4.SEP.2024 16:33:31

NTNV-11AC40MIMO-Ant2-5755



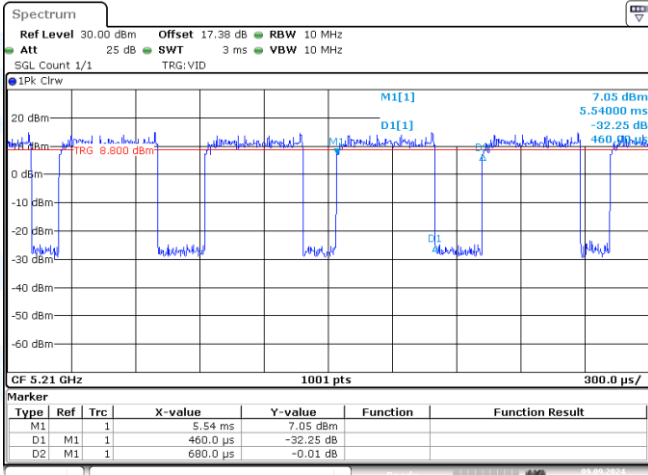
Date: 4.SEP.2024 16:39:19

NTNV-11AC40MIMO-Ant1-5795

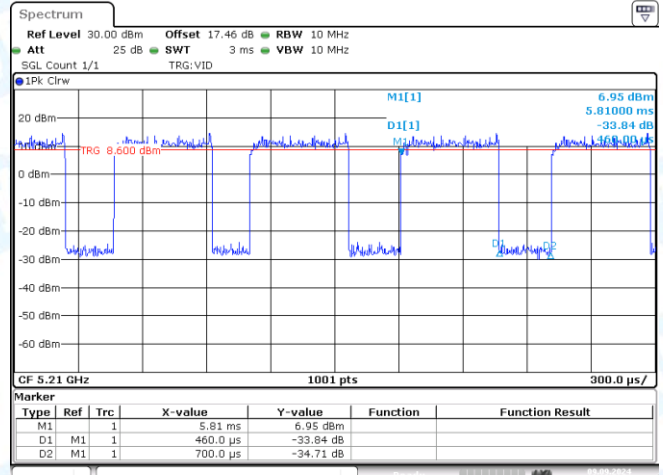


Date: 4.SEP.2024 16:39:45

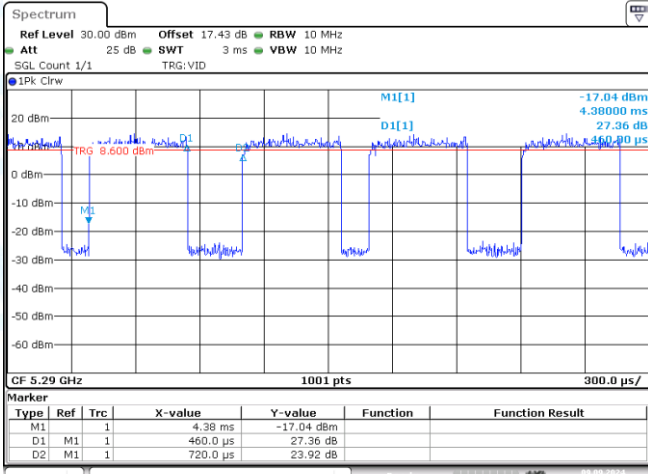
NTNV-11AC40MIMO-Ant2-5795



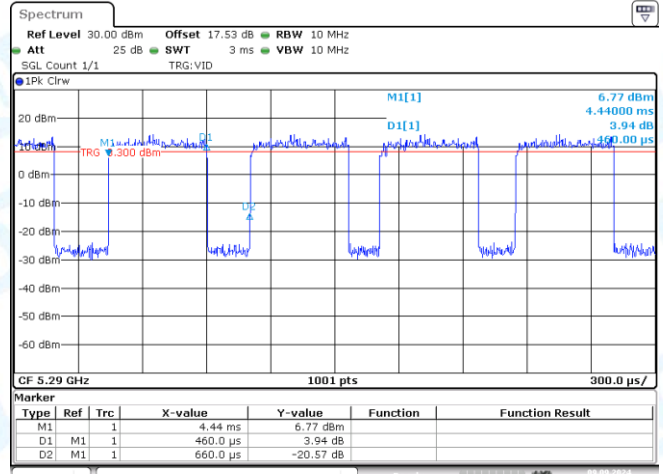
NTNV-11AC80MIMO-Ant1-5210



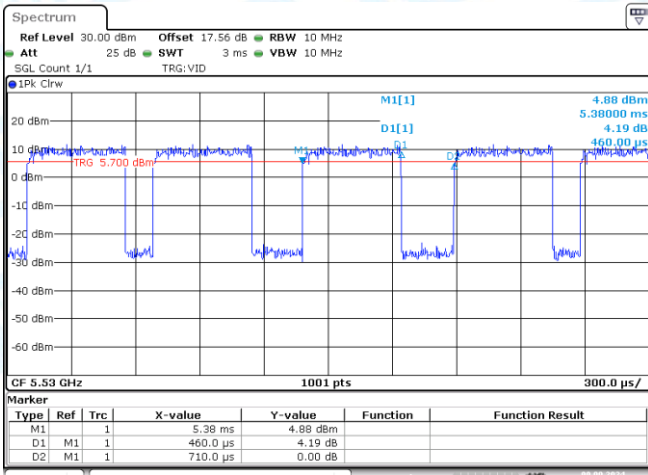
NTNV-11AC80MIMO-Ant2-5210



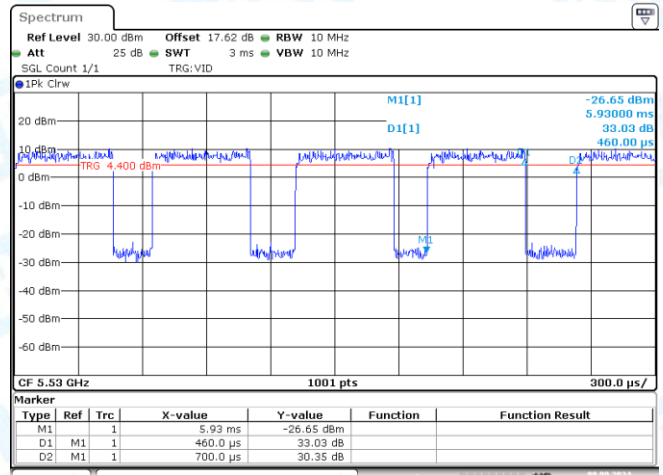
NTNV-11AC80MIMO-Ant1-5290



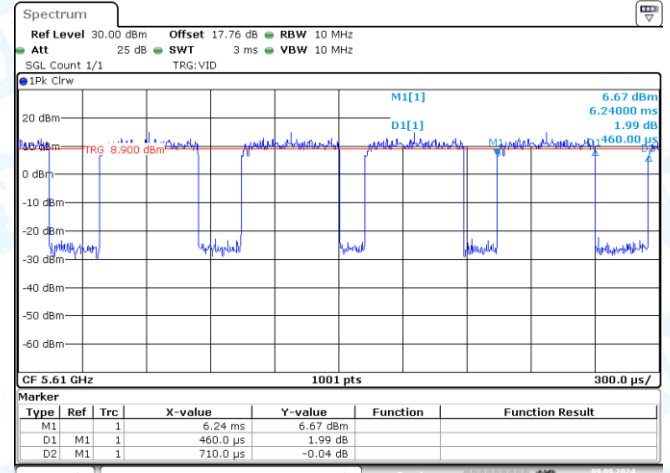
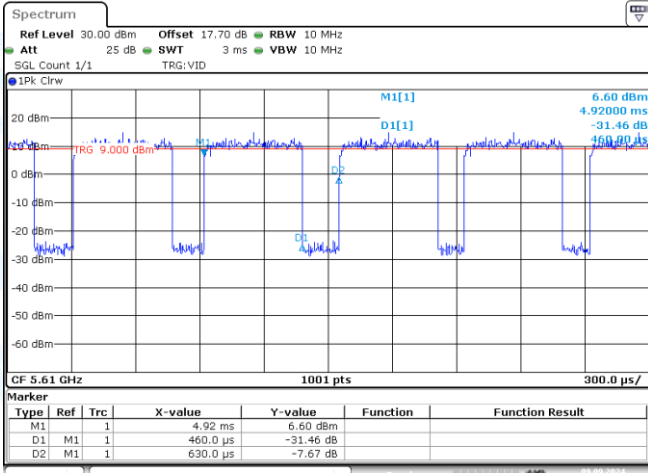
NTNV-11AC80MIMO-Ant2-5290



NTNV-11AC80MIMO-Ant1-5530

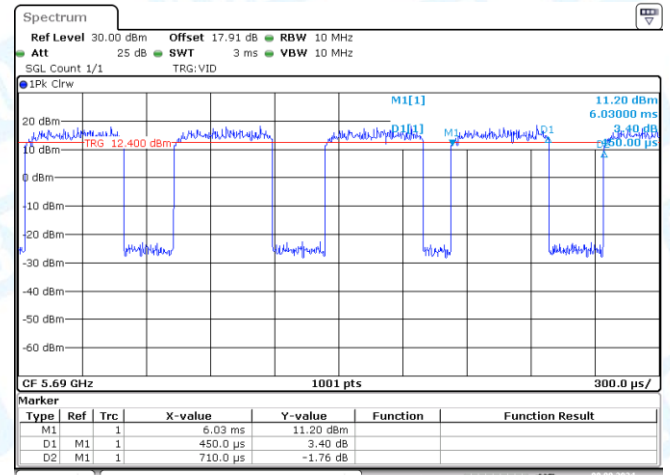
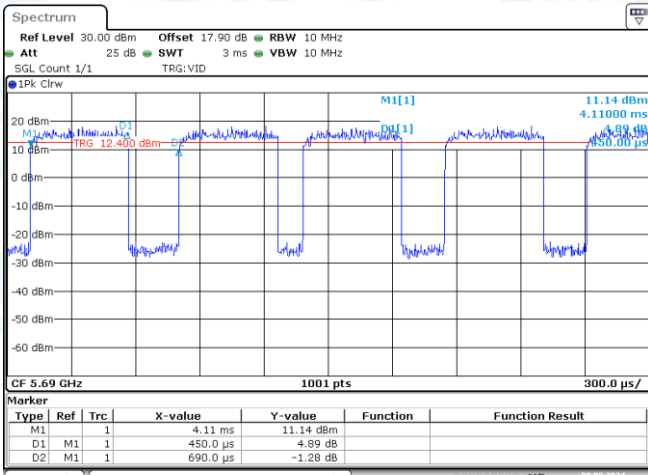


NTNV-11AC80MIMO-Ant2-5530



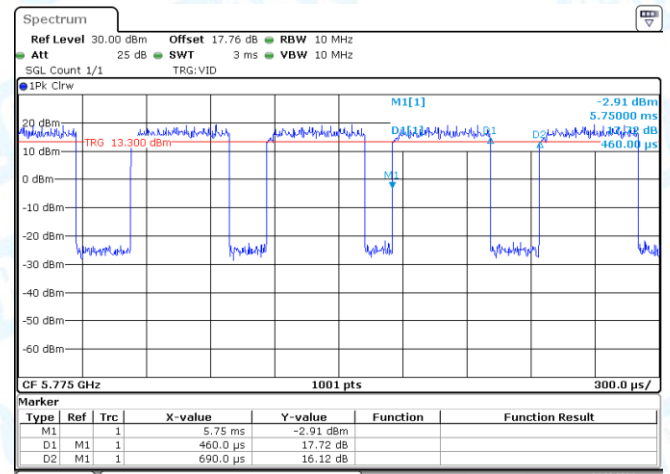
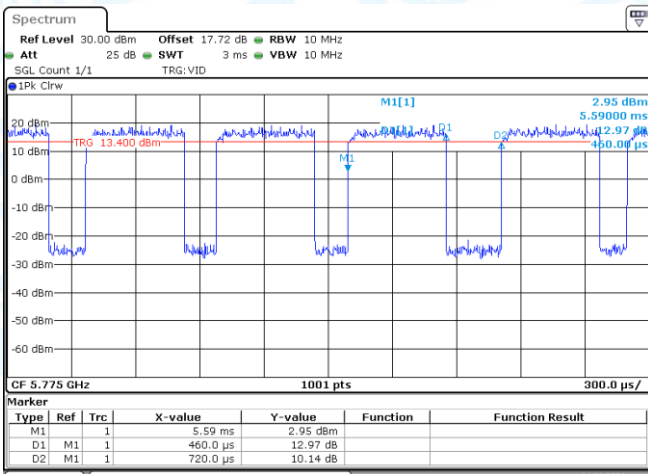
NTVN-11AC80MIMO-Ant1-5610

NTVN-11AC80MIMO-Ant2-5610



NTVN-11AC80MIMO-Ant1-5690

NTVN-11AC80MIMO-Ant2-5690



NTVN-11AC80MIMO-Ant1-5775

NTVN-11AC80MIMO-Ant2-5775

5: Maximum conducted output power

5.1 Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.02	≤24.00	PASS
11A	Ant2	5180	14.17	≤24.00	PASS
11A	Ant1	5200	13.94	≤24.00	PASS
11A	Ant2	5200	13.80	≤24.00	PASS
11A	Ant1	5240	14.08	≤24.00	PASS
11A	Ant2	5240	14.08	≤24.00	PASS
11A	Ant1	5260	13.63	≤24.00	PASS
11A	Ant2	5260	14.06	≤24.00	PASS
11A	Ant1	5280	13.70	≤24.00	PASS
11A	Ant2	5280	14.14	≤24.00	PASS
11A	Ant1	5320	14.42	≤24.00	PASS
11A	Ant2	5320	14.00	≤24.00	PASS
11A	Ant1	5500	14.00	≤24.00	PASS
11A	Ant2	5500	13.91	≤24.00	PASS
11A	Ant1	5580	13.90	≤24.00	PASS
11A	Ant2	5580	14.00	≤24.00	PASS
11A	Ant1	5720_UNII-2C	14.38	≤24.00	PASS
11A	Ant2	5720_UNII-2C	14.62	≤24.00	PASS
11A	Ant1	5720_UNII-3	7.86	≤30.00	PASS
11A	Ant2	5720_UNII-3	8.15	≤30.00	PASS
11A	Ant1	5745	18.43	≤30.00	PASS
11A	Ant2	5745	18.64	≤30.00	PASS
11A	Ant1	5785	17.98	≤30.00	PASS
11A	Ant2	5785	18.07	≤30.00	PASS
11A	Ant1	5825	18.21	≤30.00	PASS
11A	Ant2	5825	17.99	≤30.00	PASS
11N20MIMO	Ant1	5180	14.34	≤24.00	PASS
11N20MIMO	Ant2	5180	14.02	≤24.00	PASS
11N20MIMO	total	5180	17.19	≤24.00	PASS
11N20MIMO	Ant1	5200	14.19	≤24.00	PASS
11N20MIMO	Ant2	5200	13.86	≤24.00	PASS
11N20MIMO	total	5200	17.04	≤24.00	PASS
11N20MIMO	Ant1	5240	14.23	≤24.00	PASS
11N20MIMO	Ant2	5240	14.07	≤24.00	PASS
11N20MIMO	total	5240	17.16	≤24.00	PASS
11N20MIMO	Ant1	5260	14.00	≤24.00	PASS
11N20MIMO	Ant2	5260	14.43	≤24.00	PASS
11N20MIMO	total	5260	17.23	≤24.00	PASS
11N20MIMO	Ant1	5280	14.01	≤24.00	PASS
11N20MIMO	Ant2	5280	14.47	≤24.00	PASS
11N20MIMO	total	5280	17.26	≤24.00	PASS
11N20MIMO	Ant1	5320	14.59	≤24.00	PASS
11N20MIMO	Ant2	5320	14.67	≤24.00	PASS
11N20MIMO	total	5320	17.64	≤24.00	PASS
11N20MIMO	Ant1	5500	13.79	≤24.00	PASS
11N20MIMO	Ant2	5500	14.27	≤24.00	PASS
11N20MIMO	total	5500	17.05	≤24.00	PASS
11N20MIMO	Ant1	5580	13.80	≤24.00	PASS
11N20MIMO	Ant2	5580	14.33	≤24.00	PASS
11N20MIMO	total	5580	17.08	≤24.00	PASS
11N20MIMO	Ant1	5720_UNII-2C	14.19	≤24.00	PASS
11N20MIMO	Ant2	5720_UNII-2C	14.46	≤24.00	PASS
11N20MIMO	total	5720_UNII-2C	17.34	≤24.00	PASS

11N20MIMO	Ant1	5720_UNII-3	8.58	≤30.00	PASS
11N20MIMO	Ant2	5720_UNII-3	9.33	≤30.00	PASS
11N20MIMO	total	5720_UNII-3	11.98	≤30.00	PASS
11N20MIMO	Ant1	5745	17.69	≤30.00	PASS
11N20MIMO	Ant2	5745	18.31	≤30.00	PASS
11N20MIMO	total	5745	21.02	≤30.00	PASS
11N20MIMO	Ant1	5785	16.63	≤30.00	PASS
11N20MIMO	Ant2	5785	17.60	≤30.00	PASS
11N20MIMO	total	5785	20.15	≤30.00	PASS
11N20MIMO	Ant1	5825	17.36	≤30.00	PASS
11N20MIMO	Ant2	5825	17.39	≤30.00	PASS
11N20MIMO	total	5825	20.39	≤30.00	PASS
11N40MIMO	Ant1	5190	14.90	≤24.00	PASS
11N40MIMO	Ant2	5190	14.08	≤24.00	PASS
11N40MIMO	total	5190	17.52	≤24.00	PASS
11N40MIMO	Ant1	5230	13.99	≤24.00	PASS
11N40MIMO	Ant2	5230	13.99	≤24.00	PASS
11N40MIMO	total	5230	17.00	≤24.00	PASS
11N40MIMO	Ant1	5270	13.99	≤24.00	PASS
11N40MIMO	Ant2	5270	13.76	≤24.00	PASS
11N40MIMO	total	5270	16.89	≤24.00	PASS
11N40MIMO	Ant1	5310	14.44	≤24.00	PASS
11N40MIMO	Ant2	5310	14.56	≤24.00	PASS
11N40MIMO	total	5310	17.51	≤24.00	PASS
11N40MIMO	Ant1	5510	12.91	≤24.00	PASS
11N40MIMO	Ant2	5510	11.69	≤24.00	PASS
11N40MIMO	total	5510	15.35	≤24.00	PASS
11N40MIMO	Ant1	5550	13.10	≤24.00	PASS
11N40MIMO	Ant2	5550	12.14	≤24.00	PASS
11N40MIMO	total	5550	15.66	≤24.00	PASS
11N40MIMO	Ant1	5710_UNII-2C	14.21	≤24.00	PASS
11N40MIMO	Ant2	5710_UNII-2C	14.03	≤24.00	PASS
11N40MIMO	total	5710_UNII-2C	17.13	≤24.00	PASS
11N40MIMO	Ant1	5710_UNII-3	4.06	≤30.00	PASS
11N40MIMO	Ant2	5710_UNII-3	3.23	≤30.00	PASS
11N40MIMO	total	5710_UNII-3	6.68	≤30.00	PASS
11N40MIMO	Ant1	5755	17.05	≤30.00	PASS
11N40MIMO	Ant2	5755	17.40	≤30.00	PASS
11N40MIMO	total	5755	20.24	≤30.00	PASS
11N40MIMO	Ant1	5795	17.03	≤30.00	PASS
11N40MIMO	Ant2	5795	17.42	≤30.00	PASS
11N40MIMO	total	5795	20.24	≤30.00	PASS
11AC20MIMO	Ant1	5180	14.62	≤24.00	PASS
11AC20MIMO	Ant2	5180	14.43	≤24.00	PASS
11AC20MIMO	total	5180	17.54	≤24.00	PASS
11AC20MIMO	Ant1	5200	13.91	≤24.00	PASS
11AC20MIMO	Ant2	5200	14.24	≤24.00	PASS
11AC20MIMO	total	5200	17.09	≤24.00	PASS
11AC20MIMO	Ant1	5240	14.16	≤24.00	PASS
11AC20MIMO	Ant2	5240	14.20	≤24.00	PASS
11AC20MIMO	total	5240	17.19	≤24.00	PASS
11AC20MIMO	Ant1	5260	14.31	≤24.00	PASS
11AC20MIMO	Ant2	5260	14.02	≤24.00	PASS
11AC20MIMO	total	5260	17.18	≤24.00	PASS
11AC20MIMO	Ant1	5280	14.41	≤24.00	PASS
11AC20MIMO	Ant2	5280	14.29	≤24.00	PASS
11AC20MIMO	total	5280	17.36	≤24.00	PASS
11AC20MIMO	Ant1	5320	14.43	≤24.00	PASS
11AC20MIMO	Ant2	5320	14.56	≤24.00	PASS

11AC20MIMO	total	5320	17.51	≤24.00	PASS
11AC20MIMO	Ant1	5500	13.79	≤24.00	PASS
11AC20MIMO	Ant2	5500	13.36	≤24.00	PASS
11AC20MIMO	total	5500	16.59	≤24.00	PASS
11AC20MIMO	Ant1	5580	13.73	≤24.00	PASS
11AC20MIMO	Ant2	5580	13.35	≤24.00	PASS
11AC20MIMO	total	5580	16.55	≤24.00	PASS
11AC20MIMO	Ant1	5720_UNII-2C	14.54	≤24.00	PASS
11AC20MIMO	Ant2	5720_UNII-2C	14.96	≤24.00	PASS
11AC20MIMO	total	5720_UNII-2C	17.77	≤24.00	PASS
11AC20MIMO	Ant1	5720_UNII-3	8.23	≤30.00	PASS
11AC20MIMO	Ant2	5720_UNII-3	9.18	≤30.00	PASS
11AC20MIMO	total	5720_UNII-3	11.74	≤30.00	PASS
11AC20MIMO	Ant1	5745	17.43	≤30.00	PASS
11AC20MIMO	Ant2	5745	18.18	≤30.00	PASS
11AC20MIMO	total	5745	20.83	≤30.00	PASS
11AC20MIMO	Ant1	5785	16.60	≤30.00	PASS
11AC20MIMO	Ant2	5785	17.62	≤30.00	PASS
11AC20MIMO	total	5785	20.15	≤30.00	PASS
11AC20MIMO	Ant1	5825	17.69	≤30.00	PASS
11AC20MIMO	Ant2	5825	17.99	≤30.00	PASS
11AC20MIMO	total	5825	20.85	≤30.00	PASS
11AC40MIMO	Ant1	5190	12.81	≤24.00	PASS
11AC40MIMO	Ant2	5190	13.16	≤24.00	PASS
11AC40MIMO	total	5190	16.00	≤24.00	PASS
11AC40MIMO	Ant1	5230	12.64	≤24.00	PASS
11AC40MIMO	Ant2	5230	12.44	≤24.00	PASS
11AC40MIMO	total	5230	15.55	≤24.00	PASS
11AC40MIMO	Ant1	5270	12.18	≤24.00	PASS
11AC40MIMO	Ant2	5270	11.96	≤24.00	PASS
11AC40MIMO	total	5270	15.08	≤24.00	PASS
11AC40MIMO	Ant1	5310	12.75	≤24.00	PASS
11AC40MIMO	Ant2	5310	12.50	≤24.00	PASS
11AC40MIMO	total	5310	15.64	≤24.00	PASS
11AC40MIMO	Ant1	5510	13.48	≤24.00	PASS
11AC40MIMO	Ant2	5510	12.07	≤24.00	PASS
11AC40MIMO	total	5510	15.84	≤24.00	PASS
11AC40MIMO	Ant1	5550	12.77	≤24.00	PASS
11AC40MIMO	Ant2	5550	11.82	≤24.00	PASS
11AC40MIMO	total	5550	15.33	≤24.00	PASS
11AC40MIMO	Ant1	5710_UNII-2C	12.68	≤24.00	PASS
11AC40MIMO	Ant2	5710_UNII-2C	12.62	≤24.00	PASS
11AC40MIMO	total	5710_UNII-2C	15.66	≤24.00	PASS
11AC40MIMO	Ant1	5710_UNII-3	2.05	≤30.00	PASS
11AC40MIMO	Ant2	5710_UNII-3	1.84	≤30.00	PASS
11AC40MIMO	total	5710_UNII-3	4.96	≤30.00	PASS
11AC40MIMO	Ant1	5755	17.75	≤30.00	PASS
11AC40MIMO	Ant2	5755	17.69	≤30.00	PASS
11AC40MIMO	total	5755	20.73	≤30.00	PASS
11AC40MIMO	Ant1	5795	16.92	≤30.00	PASS
11AC40MIMO	Ant2	5795	17.60	≤30.00	PASS
11AC40MIMO	total	5795	20.28	≤30.00	PASS
11AC80MIMO	Ant1	5210	12.83	≤24.00	PASS
11AC80MIMO	Ant2	5210	12.89	≤24.00	PASS
11AC80MIMO	total	5210	15.87	≤24.00	PASS
11AC80MIMO	Ant1	5290	13.12	≤24.00	PASS
11AC80MIMO	Ant2	5290	12.55	≤24.00	PASS
11AC80MIMO	total	5290	15.85	≤24.00	PASS
11AC80MIMO	Ant1	5530	11.37	≤24.00	PASS

11AC80MIMO	Ant2	5530	13.11	≤24.00	PASS
11AC80MIMO	total	5530	15.34	≤24.00	PASS
11AC80MIMO	Ant1	5610	11.91	≤24.00	PASS
11AC80MIMO	Ant2	5610	12.58	≤24.00	PASS
11AC80MIMO	total	5610	15.27	≤24.00	PASS
11AC80MIMO	Ant1	5690_UNII-2C	10.43	≤24.00	PASS
11AC80MIMO	Ant2	5690_UNII-2C	10.52	≤24.00	PASS
11AC80MIMO	total	5690_UNII-2C	13.49	≤24.00	PASS
11AC80MIMO	Ant1	5690_UNII-3	-2.08	≤30.00	PASS
11AC80MIMO	Ant2	5690_UNII-3	-2.80	≤30.00	PASS
11AC80MIMO	total	5690_UNII-3	0.59	≤30.00	PASS
11AC80MIMO	Ant1	5775	17.54	≤30.00	PASS
11AC80MIMO	Ant2	5775	17.57	≤30.00	PASS
11AC80MIMO	total	5775	20.57	≤30.00	PASS

Note: 1, This module will use two different Wi-Fi antennas, and only the one with the larger antenna gain(**Antenna1: U-NII-1:-1.02dBi; U-NII-2A:-1.02dBi; U-NII-2C:1.17dBi; U-NII-3:1.18dBi, Antenna2: U-NII-1:0.35dBi; U-NII-2A:-0.51dBi; U-NII-2C:-1.34dBi; U-NII-3:-0.75dBi**) will be used for conducted test.

2, For MIMO Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$

Directional Gain =2.70dBi < 6dBi. For U-NII-1
Directional Gain =2.25dBi < 6dBi. For U-NII-2A
Directional Gain =3.02dBi < 6dBi. For U-NII-2C
Directional Gain =3.28dBi < 6dBi. For U-NII-3

3, The Duty Cycle Factor is compensated in the graph.

6: Maximum power spectral density

6.1 Test Result

Test Mode	Ant.	Frequency [MHz]	Result [dBm/MHz] Result [dBm/500kHz]	Limit[dBm/MHz] Limit[dBm/500kHz]	Verdict
11A	Ant1	5180	2.33	≤11.00	PASS
11A	Ant2	5180	3.14	≤11.00	PASS
11A	Ant1	5200	3.22	≤11.00	PASS
11A	Ant2	5200	2.89	≤11.00	PASS
11A	Ant1	5240	2.59	≤11.00	PASS
11A	Ant2	5240	3.08	≤11.00	PASS
11A	Ant1	5260	2.75	≤11.00	PASS
11A	Ant2	5260	2.82	≤11.00	PASS
11A	Ant1	5280	2.53	≤11.00	PASS
11A	Ant2	5280	2.98	≤11.00	PASS
11A	Ant1	5320	3.77	≤11.00	PASS
11A	Ant2	5320	3.06	≤11.00	PASS
11A	Ant1	5500	3.04	≤11.00	PASS
11A	Ant2	5500	2.44	≤11.00	PASS
11A	Ant1	5580	2.90	≤11.00	PASS
11A	Ant2	5580	3.15	≤11.00	PASS
11A	Ant1	5720_UNII-2C	7.19	≤11.00	PASS
11A	Ant2	5720_UNII-2C	7.02	≤11.00	PASS
11A	Ant1	5720_UNII-3	3.84	≤30.00	PASS
11A	Ant2	5720_UNII-3	3.57	≤30.00	PASS
11A	Ant1	5745	5.22	≤30.00	PASS
11A	Ant2	5745	4.75	≤30.00	PASS
11A	Ant1	5785	4.10	≤30.00	PASS
11A	Ant2	5785	4.34	≤30.00	PASS
11A	Ant1	5825	4.43	≤30.00	PASS
11A	Ant2	5825	4.08	≤30.00	PASS
11N20MIMO	Ant1	5180	2.73	≤11.00	PASS
11N20MIMO	Ant2	5180	2.65	≤11.00	PASS
11N20MIMO	total	5180	5.70	≤11.00	PASS
11N20MIMO	Ant1	5200	3.11	≤11.00	PASS
11N20MIMO	Ant2	5200	2.76	≤11.00	PASS
11N20MIMO	total	5200	5.95	≤11.00	PASS
11N20MIMO	Ant1	5240	3.04	≤11.00	PASS
11N20MIMO	Ant2	5240	3.13	≤11.00	PASS
11N20MIMO	total	5240	6.10	≤11.00	PASS
11N20MIMO	Ant1	5260	2.96	≤11.00	PASS
11N20MIMO	Ant2	5260	3.22	≤11.00	PASS
11N20MIMO	total	5260	6.10	≤11.00	PASS
11N20MIMO	Ant1	5280	2.77	≤11.00	PASS
11N20MIMO	Ant2	5280	3.16	≤11.00	PASS
11N20MIMO	total	5280	5.98	≤11.00	PASS
11N20MIMO	Ant1	5320	3.74	≤11.00	PASS
11N20MIMO	Ant2	5320	3.61	≤11.00	PASS
11N20MIMO	total	5320	6.69	≤11.00	PASS
11N20MIMO	Ant1	5500	3.03	≤11.00	PASS
11N20MIMO	Ant2	5500	3.38	≤11.00	PASS
11N20MIMO	total	5500	6.22	≤11.00	PASS
11N20MIMO	Ant1	5580	2.92	≤11.00	PASS
11N20MIMO	Ant2	5580	3.17	≤11.00	PASS
11N20MIMO	total	5580	6.06	≤11.00	PASS
11N20MIMO	Ant1	5720_UNII-2C	6.66	≤11.00	PASS
11N20MIMO	Ant2	5720_UNII-2C	7.02	≤11.00	PASS

11N20MIMO	total	5720_UNII-2C	9.85	≤11.00	PASS
11N20MIMO	Ant1	5720_UNII-3	3.30	≤30.00	PASS
11N20MIMO	Ant2	5720_UNII-3	3.89	≤30.00	PASS
11N20MIMO	total	5720_UNII-3	6.62	≤30.00	PASS
11N20MIMO	Ant1	5745	3.68	≤30.00	PASS
11N20MIMO	Ant2	5745	4.39	≤30.00	PASS
11N20MIMO	total	5745	7.06	≤30.00	PASS
11N20MIMO	Ant1	5785	2.81	≤30.00	PASS
11N20MIMO	Ant2	5785	3.72	≤30.00	PASS
11N20MIMO	total	5785	6.30	≤30.00	PASS
11N20MIMO	Ant1	5825	3.52	≤30.00	PASS
11N20MIMO	Ant2	5825	3.45	≤30.00	PASS
11N20MIMO	total	5825	6.50	≤30.00	PASS
11N40MIMO	Ant1	5190	0.63	≤11.00	PASS
11N40MIMO	Ant2	5190	-0.34	≤11.00	PASS
11N40MIMO	total	5190	3.18	≤11.00	PASS
11N40MIMO	Ant1	5230	0.37	≤11.00	PASS
11N40MIMO	Ant2	5230	0.00	≤11.00	PASS
11N40MIMO	total	5230	3.20	≤11.00	PASS
11N40MIMO	Ant1	5270	0.06	≤11.00	PASS
11N40MIMO	Ant2	5270	-0.22	≤11.00	PASS
11N40MIMO	total	5270	2.93	≤11.00	PASS
11N40MIMO	Ant1	5310	0.83	≤11.00	PASS
11N40MIMO	Ant2	5310	0.78	≤11.00	PASS
11N40MIMO	total	5310	3.82	≤11.00	PASS
11N40MIMO	Ant1	5510	-0.64	≤11.00	PASS
11N40MIMO	Ant2	5510	-2.18	≤11.00	PASS
11N40MIMO	total	5510	1.67	≤11.00	PASS
11N40MIMO	Ant1	5550	-0.53	≤11.00	PASS
11N40MIMO	Ant2	5550	-1.64	≤11.00	PASS
11N40MIMO	total	5550	1.96	≤11.00	PASS
11N40MIMO	Ant1	5710_UNII-2C	5.08	≤11.00	PASS
11N40MIMO	Ant2	5710_UNII-2C	4.75	≤11.00	PASS
11N40MIMO	total	5710_UNII-2C	7.93	≤11.00	PASS
11N40MIMO	Ant1	5710_UNII-3	0.47	≤30.00	PASS
11N40MIMO	Ant2	5710_UNII-3	-0.08	≤30.00	PASS
11N40MIMO	total	5710_UNII-3	3.21	≤30.00	PASS
11N40MIMO	Ant1	5755	1.26	≤30.00	PASS
11N40MIMO	Ant2	5755	0.71	≤30.00	PASS
11N40MIMO	total	5755	4.00	≤30.00	PASS
11N40MIMO	Ant1	5795	0.34	≤30.00	PASS
11N40MIMO	Ant2	5795	0.67	≤30.00	PASS
11N40MIMO	total	5795	3.52	≤30.00	PASS
11AC20MIMO	Ant1	5180	3.51	≤11.00	PASS
11AC20MIMO	Ant2	5180	3.36	≤11.00	PASS
11AC20MIMO	total	5180	6.45	≤11.00	PASS
11AC20MIMO	Ant1	5200	3.30	≤11.00	PASS
11AC20MIMO	Ant2	5200	3.14	≤11.00	PASS
11AC20MIMO	total	5200	6.23	≤11.00	PASS
11AC20MIMO	Ant1	5240	3.07	≤11.00	PASS
11AC20MIMO	Ant2	5240	2.94	≤11.00	PASS
11AC20MIMO	total	5240	6.02	≤11.00	PASS
11AC20MIMO	Ant1	5260	3.12	≤11.00	PASS
11AC20MIMO	Ant2	5260	2.89	≤11.00	PASS
11AC20MIMO	total	5260	6.02	≤11.00	PASS
11AC20MIMO	Ant1	5280	3.08	≤11.00	PASS
11AC20MIMO	Ant2	5280	2.99	≤11.00	PASS
11AC20MIMO	total	5280	6.05	≤11.00	PASS
11AC20MIMO	Ant1	5320	3.62	≤11.00	PASS

11AC20MIMO	Ant2	5320	3.44	≤11.00	PASS
11AC20MIMO	total	5320	6.54	≤11.00	PASS
11AC20MIMO	Ant1	5500	3.05	≤11.00	PASS
11AC20MIMO	Ant2	5500	2.51	≤11.00	PASS
11AC20MIMO	total	5500	5.80	≤11.00	PASS
11AC20MIMO	Ant1	5580	2.87	≤11.00	PASS
11AC20MIMO	Ant2	5580	2.37	≤11.00	PASS
11AC20MIMO	total	5580	5.64	≤11.00	PASS
11AC20MIMO	Ant1	5720_UNII-2C	7.32	≤11.00	PASS
11AC20MIMO	Ant2	5720_UNII-2C	7.78	≤11.00	PASS
11AC20MIMO	total	5720_UNII-2C	10.57	≤11.00	PASS
11AC20MIMO	Ant1	5720_UNII-3	3.99	≤30.00	PASS
11AC20MIMO	Ant2	5720_UNII-3	4.38	≤30.00	PASS
11AC20MIMO	total	5720_UNII-3	7.20	≤30.00	PASS
11AC20MIMO	Ant1	5745	3.69	≤30.00	PASS
11AC20MIMO	Ant2	5745	4.09	≤30.00	PASS
11AC20MIMO	total	5745	6.90	≤30.00	PASS
11AC20MIMO	Ant1	5785	2.88	≤30.00	PASS
11AC20MIMO	Ant2	5785	3.37	≤30.00	PASS
11AC20MIMO	total	5785	6.14	≤30.00	PASS
11AC20MIMO	Ant1	5825	4.00	≤30.00	PASS
11AC20MIMO	Ant2	5825	3.90	≤30.00	PASS
11AC20MIMO	total	5825	6.96	≤30.00	PASS
11AC40MIMO	Ant1	5190	-0.53	≤11.00	PASS
11AC40MIMO	Ant2	5190	-0.56	≤11.00	PASS
11AC40MIMO	total	5190	2.47	≤11.00	PASS
11AC40MIMO	Ant1	5230	-0.95	≤11.00	PASS
11AC40MIMO	Ant2	5230	-1.31	≤11.00	PASS
11AC40MIMO	total	5230	1.88	≤11.00	PASS
11AC40MIMO	Ant1	5270	-1.60	≤11.00	PASS
11AC40MIMO	Ant2	5270	-1.94	≤11.00	PASS
11AC40MIMO	total	5270	1.24	≤11.00	PASS
11AC40MIMO	Ant1	5310	-0.79	≤11.00	PASS
11AC40MIMO	Ant2	5310	-1.29	≤11.00	PASS
11AC40MIMO	total	5310	1.98	≤11.00	PASS
11AC40MIMO	Ant1	5510	-0.03	≤11.00	PASS
11AC40MIMO	Ant2	5510	-1.69	≤11.00	PASS
11AC40MIMO	total	5510	2.23	≤11.00	PASS
11AC40MIMO	Ant1	5550	-0.62	≤11.00	PASS
11AC40MIMO	Ant2	5550	-1.97	≤11.00	PASS
11AC40MIMO	total	5550	1.77	≤11.00	PASS
11AC40MIMO	Ant1	5710_UNII-2C	4.09	≤11.00	PASS
11AC40MIMO	Ant2	5710_UNII-2C	3.76	≤11.00	PASS
11AC40MIMO	total	5710_UNII-2C	6.94	≤11.00	PASS
11AC40MIMO	Ant1	5710_UNII-3	-0.76	≤30.00	PASS
11AC40MIMO	Ant2	5710_UNII-3	-0.92	≤30.00	PASS
11AC40MIMO	total	5710_UNII-3	2.17	≤30.00	PASS
11AC40MIMO	Ant1	5755	1.35	≤30.00	PASS
11AC40MIMO	Ant2	5755	1.43	≤30.00	PASS
11AC40MIMO	total	5755	4.40	≤30.00	PASS
11AC40MIMO	Ant1	5795	0.51	≤30.00	PASS
11AC40MIMO	Ant2	5795	0.97	≤30.00	PASS
11AC40MIMO	total	5795	3.76	≤30.00	PASS
11AC80MIMO	Ant1	5210	-3.63	≤11.00	PASS
11AC80MIMO	Ant2	5210	-3.63	≤11.00	PASS
11AC80MIMO	total	5210	-0.62	≤11.00	PASS
11AC80MIMO	Ant1	5290	-3.36	≤11.00	PASS
11AC80MIMO	Ant2	5290	-3.76	≤11.00	PASS
11AC80MIMO	total	5290	-0.55	≤11.00	PASS

11AC80MIMO	Ant1	5530	-4.59	≤11.00	PASS
11AC80MIMO	Ant2	5530	-3.74	≤11.00	PASS
11AC80MIMO	total	5530	-1.13	≤11.00	PASS
11AC80MIMO	Ant1	5610	-4.01	≤11.00	PASS
11AC80MIMO	Ant2	5610	-3.49	≤11.00	PASS
11AC80MIMO	total	5610	-0.73	≤11.00	PASS
11AC80MIMO	Ant1	5690_UNII-2C	0.34	≤11.00	PASS
11AC80MIMO	Ant2	5690_UNII-2C	0.70	≤11.00	PASS
11AC80MIMO	total	5690_UNII-2C	3.53	≤11.00	PASS
11AC80MIMO	Ant1	5690_UNII-3	-6.04	≤30.00	PASS
11AC80MIMO	Ant2	5690_UNII-3	-6.22	≤30.00	PASS
11AC80MIMO	total	5690_UNII-3	-3.12	≤30.00	PASS
11AC80MIMO	Ant1	5775	-1.53	≤30.00	PASS
11AC80MIMO	Ant2	5775	-1.84	≤30.00	PASS
11AC80MIMO	total	5775	1.33	≤30.00	PASS

Note: This module will use two different Wi-Fi antennas, and only the one with the larger antenna gain(**Antenna1: U-NII-1:-1.02dBi; U-NII-2A:-1.02dBi; U-NII-2C:1.17dBi; U-NII-3:1.18dBi, Antenna2: U-NII-1:0.35dBi; U-NII-2A:-0.51dBi; U-NII-2C:-1.34dBi; U-NII-3:-0.75dBi**) will be used for conducted test.

For MIMO Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$

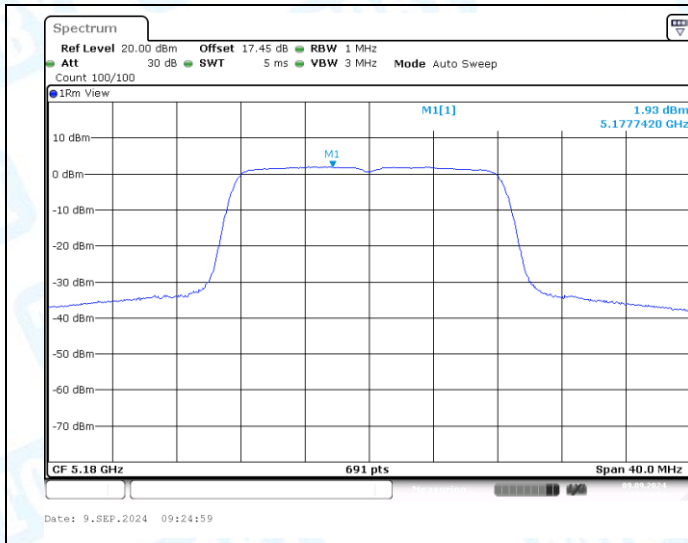
Directional Gain =2.70dBi < 6dBi. For U-NII-1
 Directional Gain =2.25dBi < 6dBi. For U-NII-2A
 Directional Gain =3.02dBi < 6dBi. For U-NII-2C
 Directional Gain =3.28dBi < 6dBi. For U-NII-3

The Duty Cycle Factor is compensated in the graph.

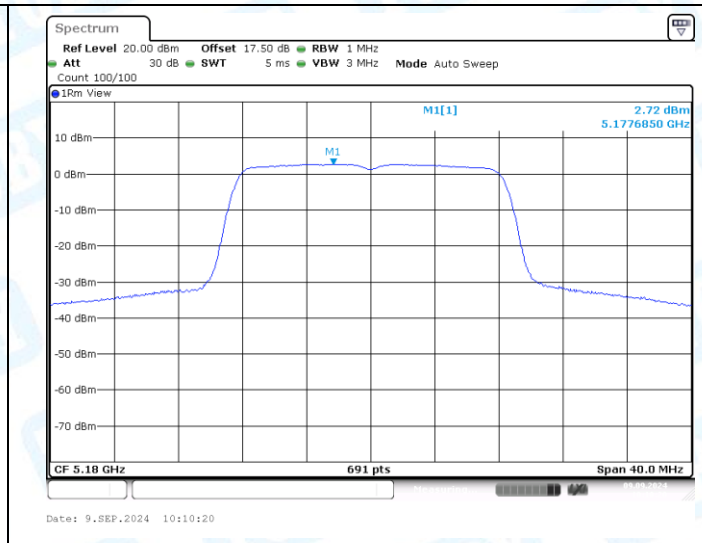
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

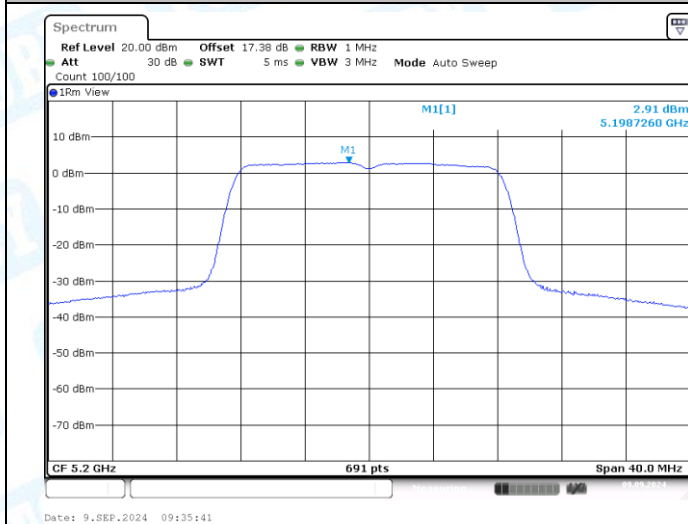
6.2 Test Graphs



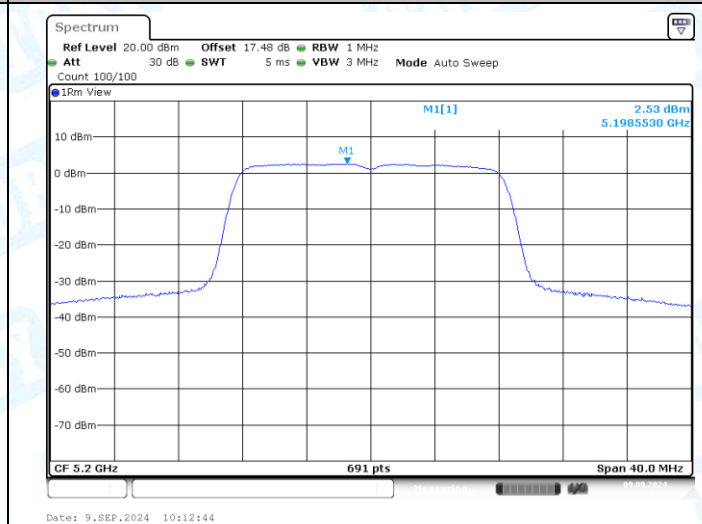
11A-Ant1-5180-PASS



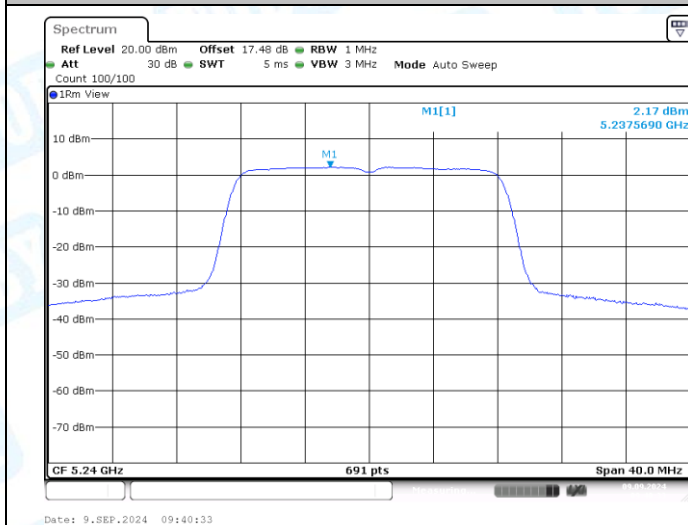
11A-Ant2-5180-PASS



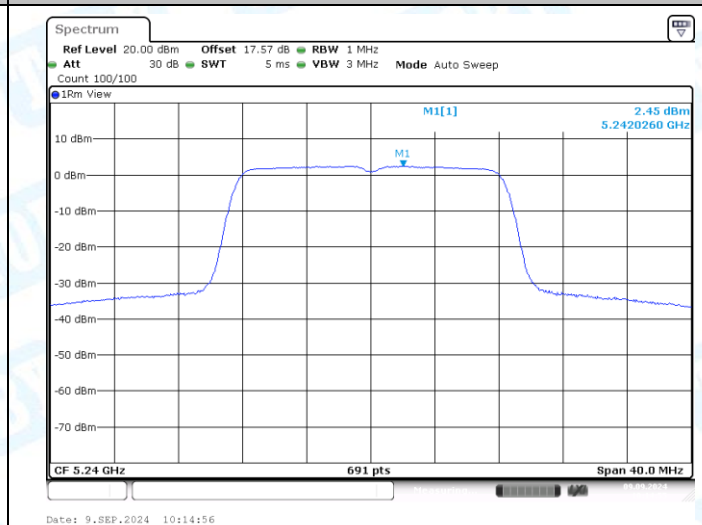
11A-Ant1-5200-PASS



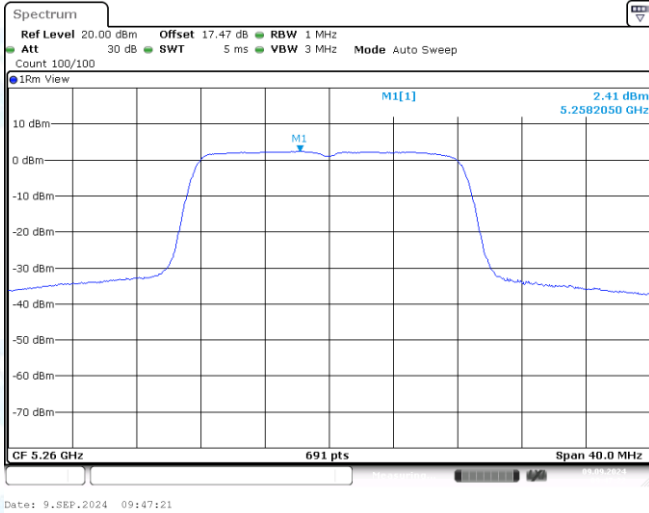
11A-Ant2-5200-PASS



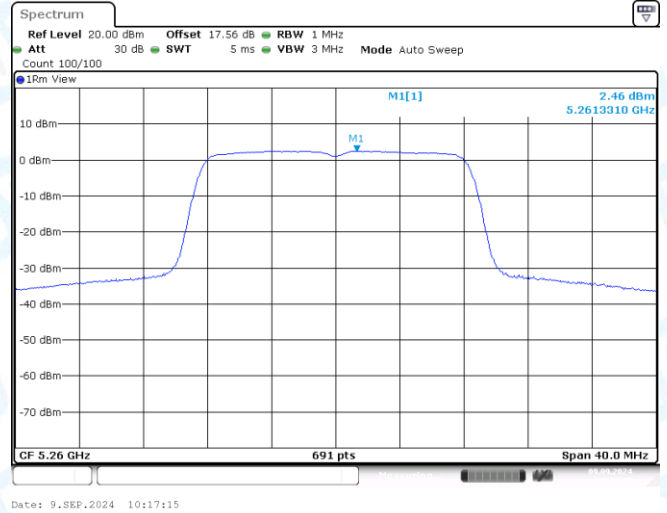
11A-Ant1-5240-PASS



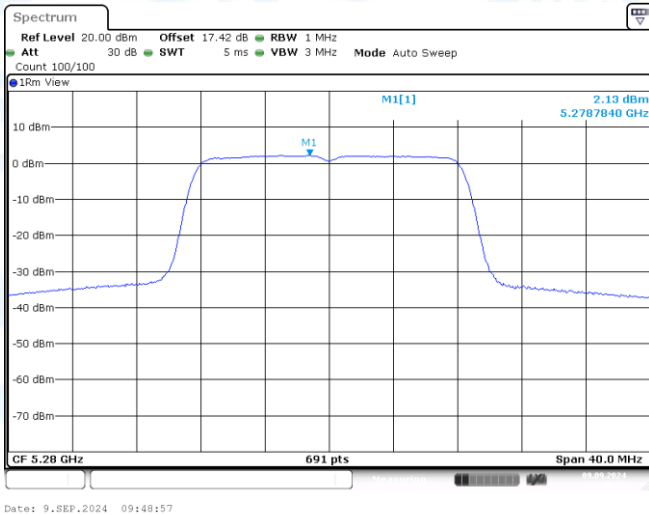
11A-Ant2-5240-PASS



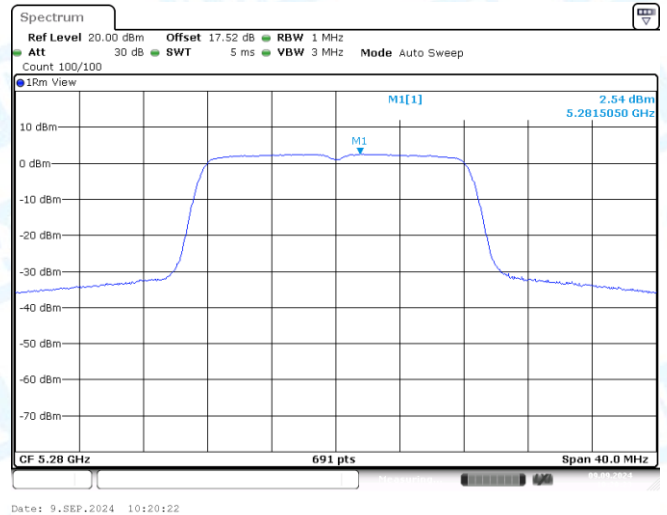
11A-Ant1-5260-PASS



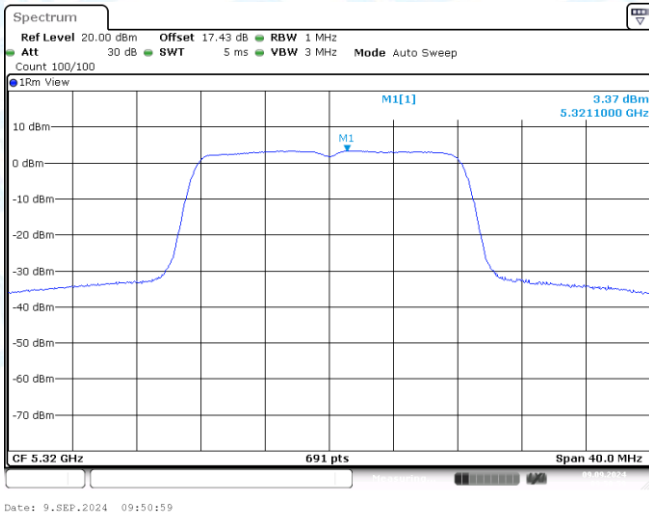
11A-Ant2-5260-PASS



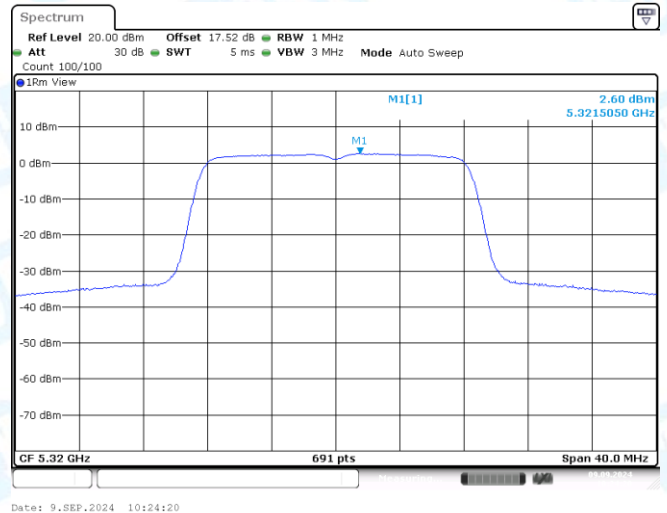
11A-Ant1-5280-PASS



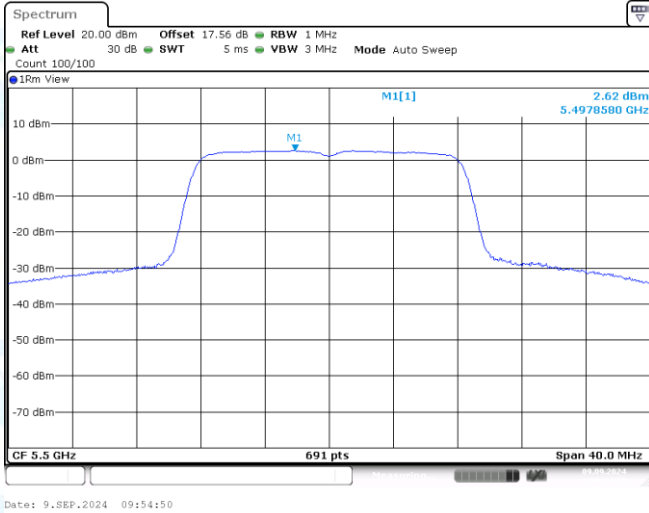
11A-Ant2-5280-PASS



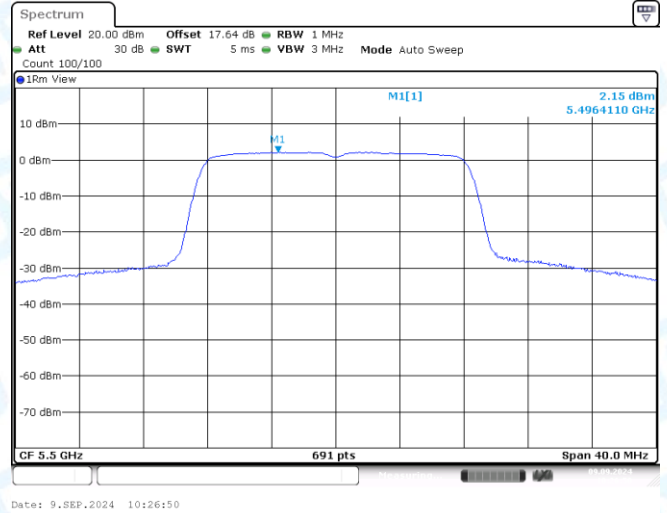
11A-Ant1-5320-PASS



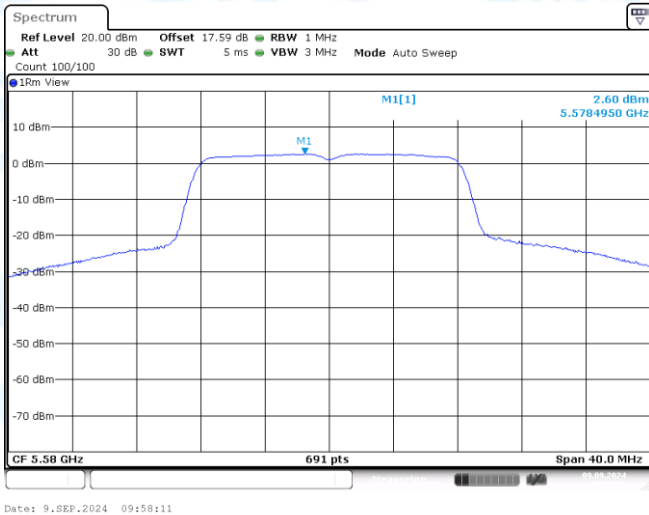
11A-Ant2-5320-PASS



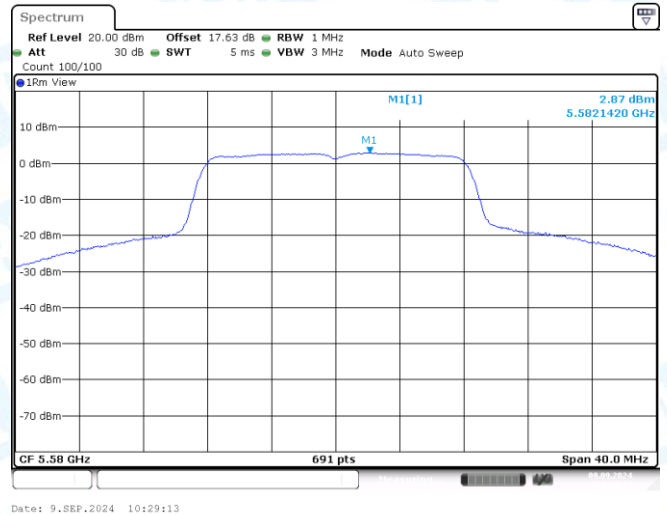
11A-Ant1-5500-PASS



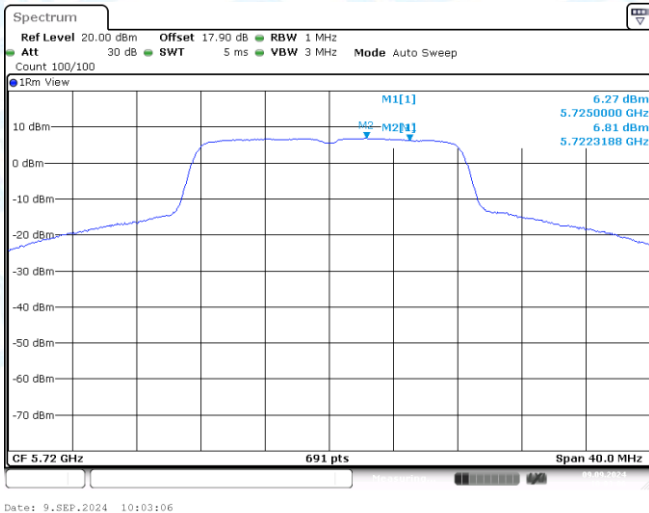
11A-Ant2-5500-PASS



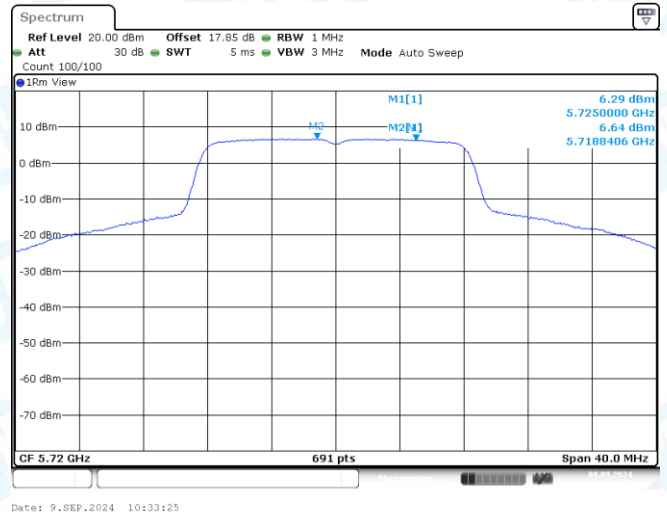
11A-Ant1-5580-PASS



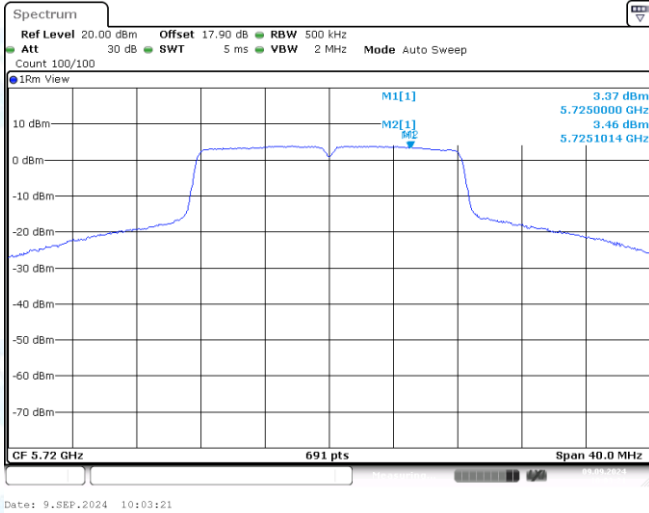
11A-Ant2-5580-PASS



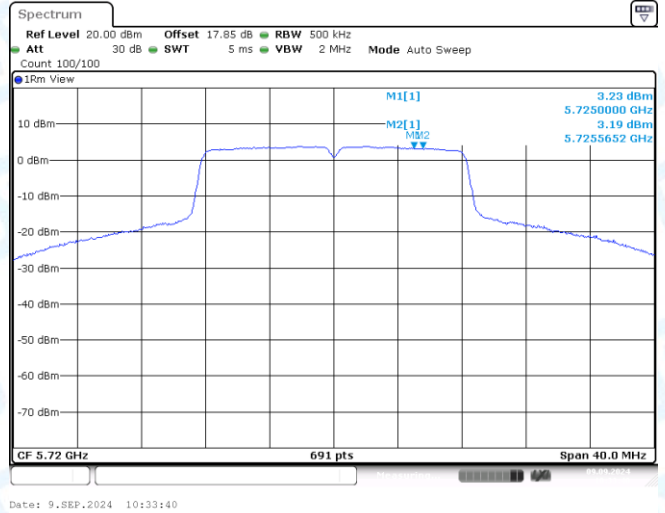
11A-Ant1-5720_UNII-2C-PASS



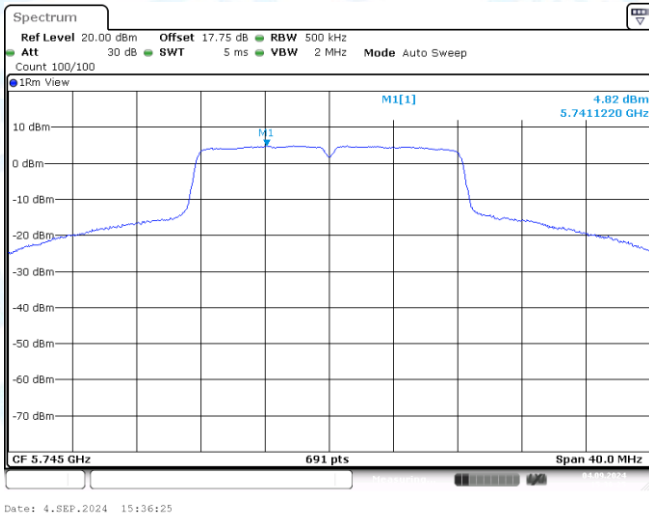
11A-Ant2-5720_UNII-2C-PASS



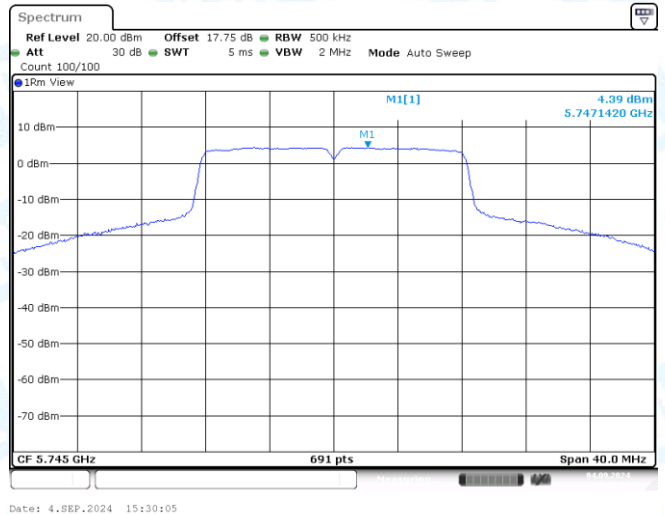
11A-Ant1-5720_UNII-3-PASS



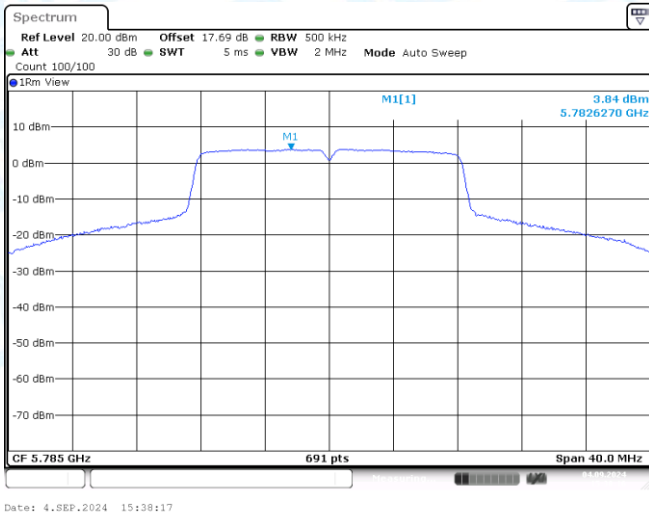
11A-Ant2-5720_UNII-3-PASS



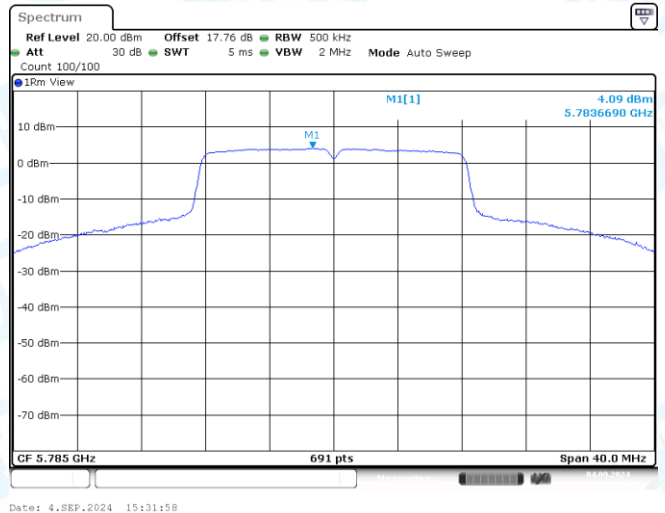
11A-Ant1-5745-PASS



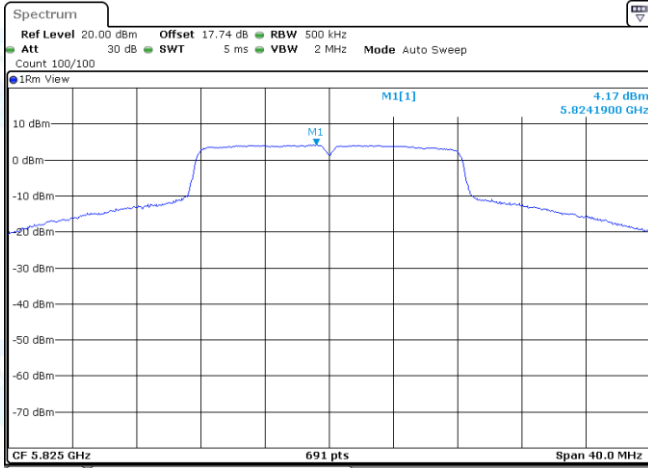
11A-Ant2-5745-PASS



11A-Ant1-5785-PASS

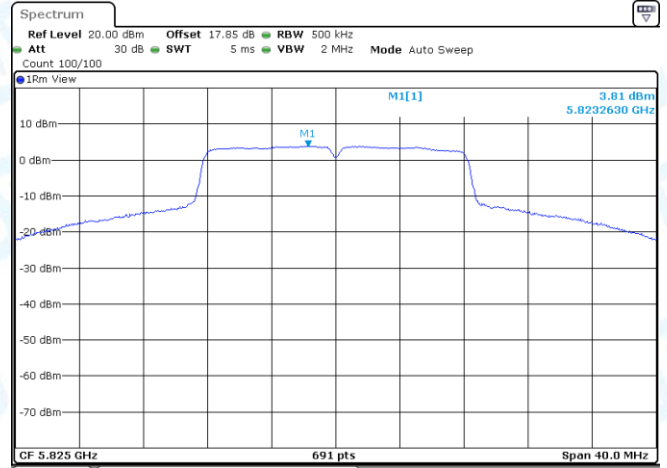


11A-Ant2-5785-PASS



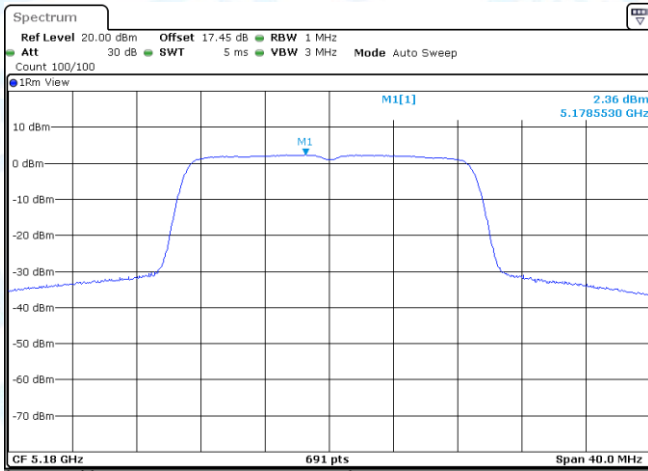
Date: 4.SEP.2024 15:40:42

11A-Ant1-5825-PASS



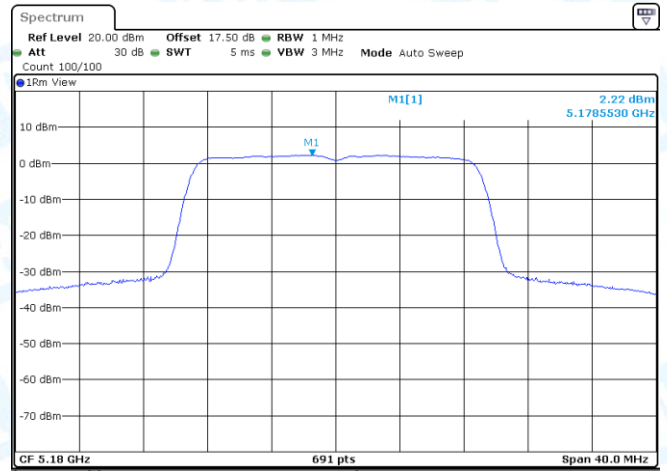
Date: 4.SEP.2024 15:24:32

11A-Ant2-5825-PASS



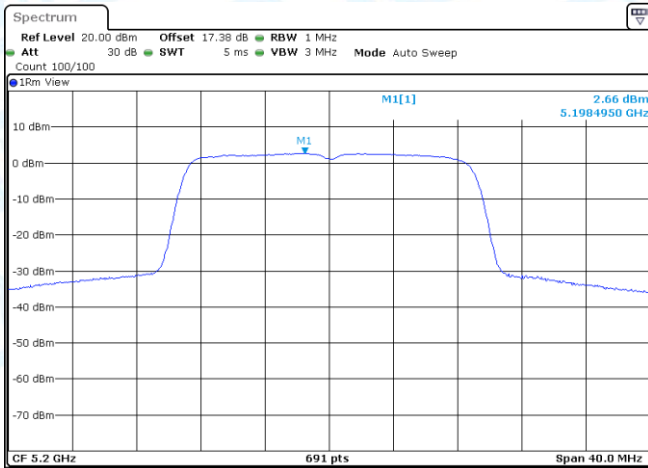
Date: 9.SEP.2024 10:38:47

11N20MIMO-Ant1-5180-PASS



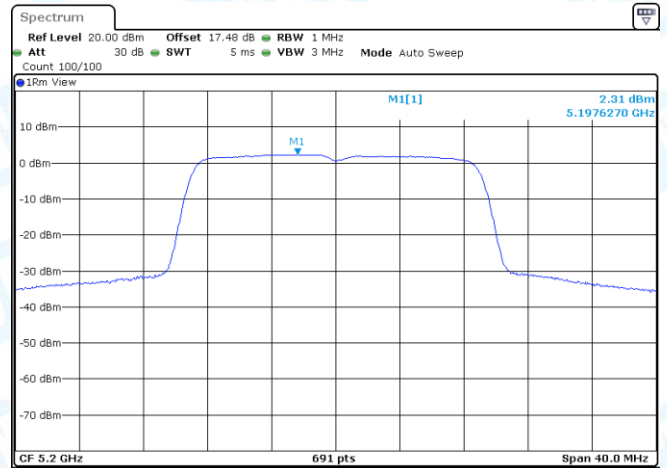
Date: 9.SEP.2024 10:40:31

11N20MIMO-Ant2-5180-PASS



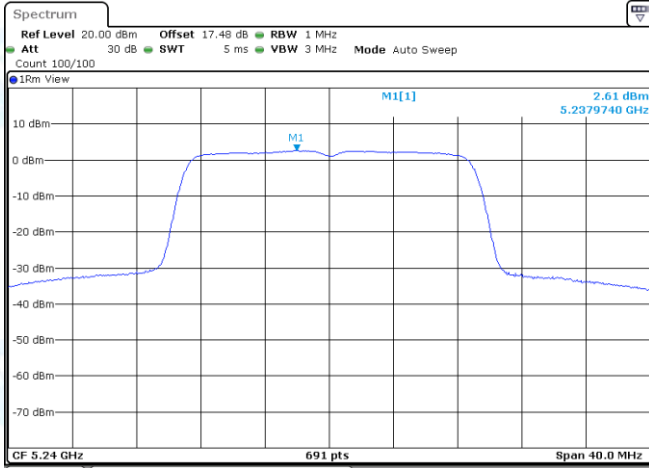
Date: 9.SEP.2024 10:54:07

11N20MIMO-Ant1-5200-PASS



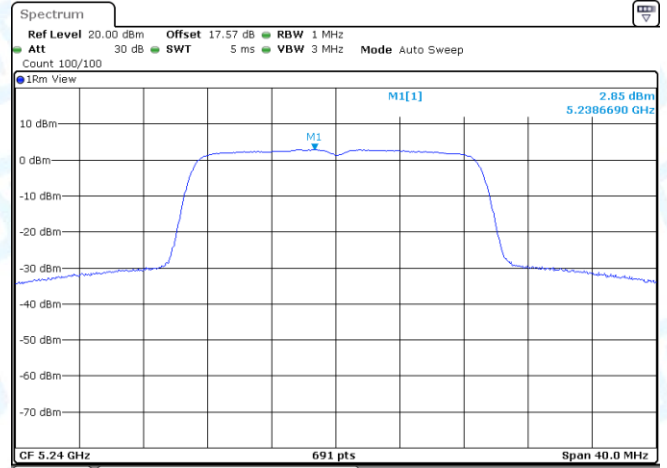
Date: 9.SEP.2024 10:55:45

11N20MIMO-Ant2-5200-PASS



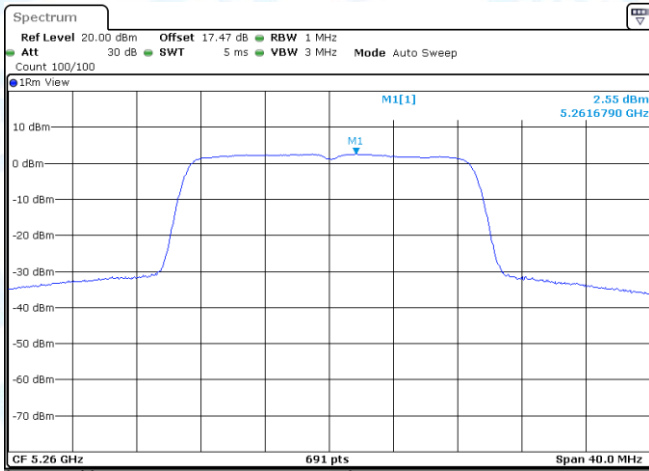
Date: 9.SEP.2024 11:00:16

11N20MIMO-Ant1-5240-PASS



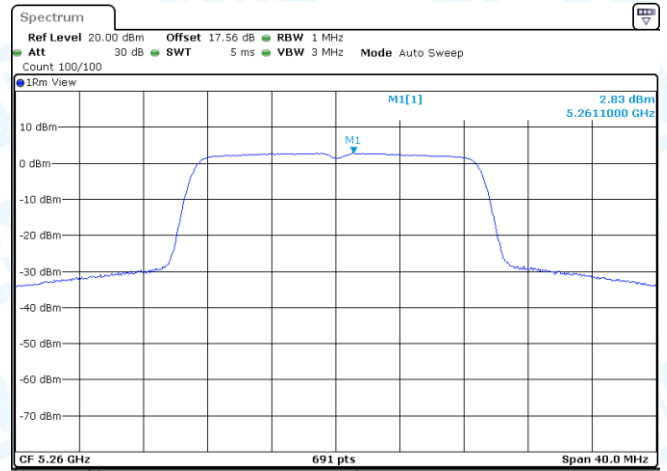
Date: 9.SEP.2024 11:02:56

11N20MIMO-Ant2-5240-PASS



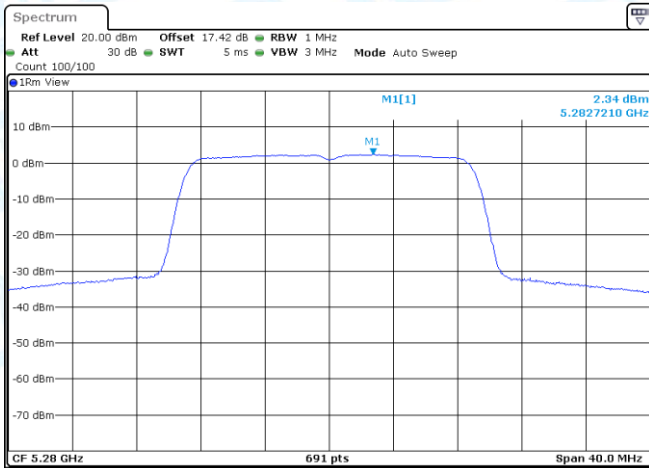
Date: 9.SEP.2024 11:08:43

11N20MIMO-Ant1-5260-PASS



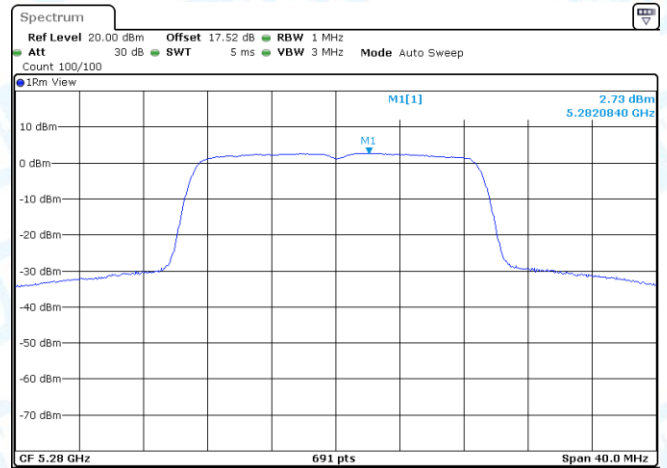
Date: 9.SEP.2024 11:10:05

11N20MIMO-Ant2-5260-PASS



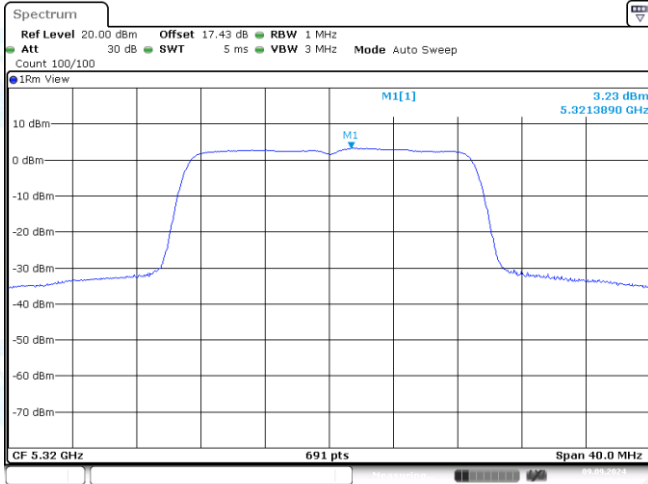
Date: 9.SEP.2024 11:14:02

11N20MIMO-Ant1-5280-PASS



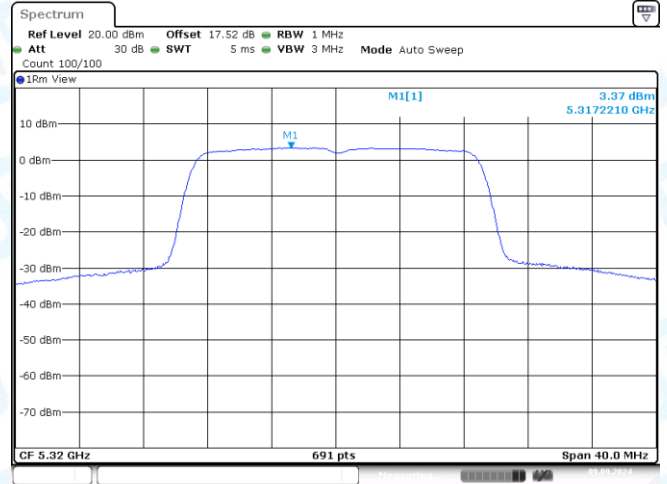
Date: 9.SEP.2024 11:15:24

11N20MIMO-Ant2-5280-PASS



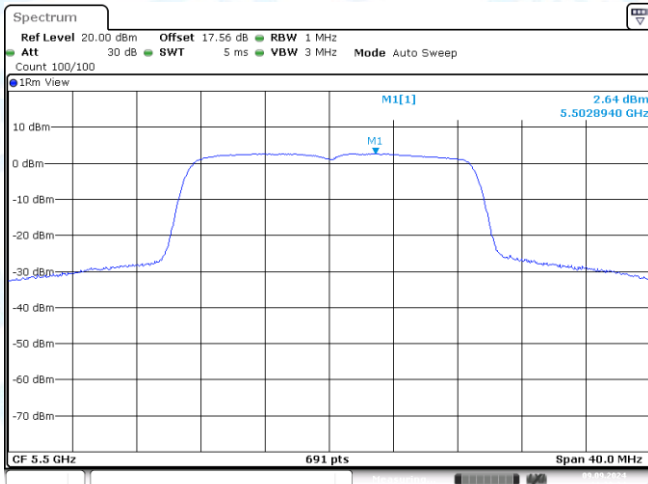
Date: 9.SEP.2024 11:20:21

11N20MIMO-Ant1-5320-PASS



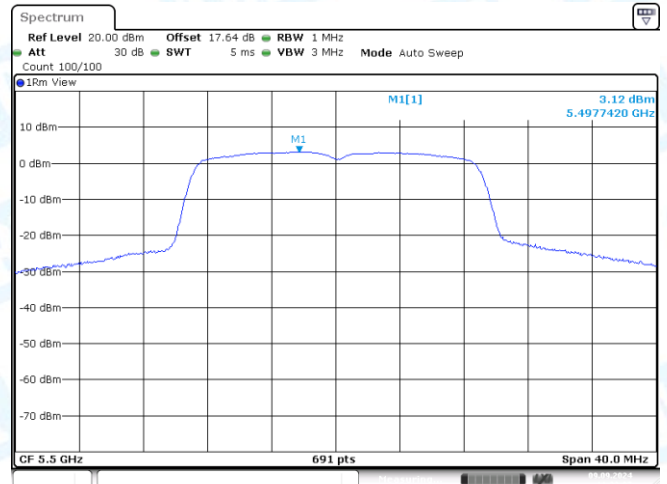
Date: 9.SEP.2024 11:21:43

11N20MIMO-Ant2-5320-PASS



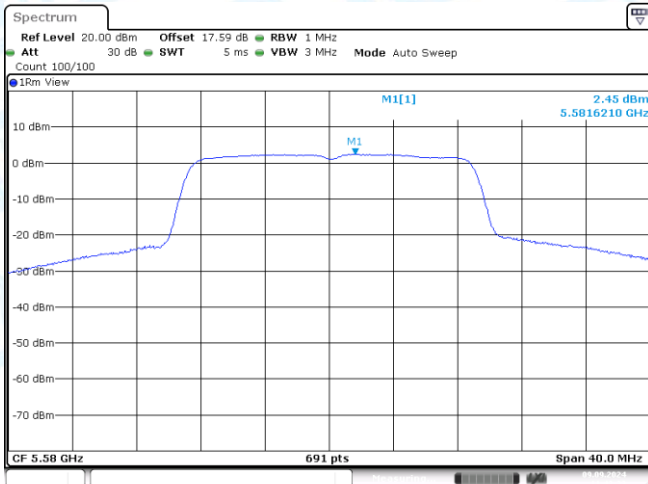
Date: 9.SEP.2024 11:29:24

11N20MIMO-Ant1-5500-PASS



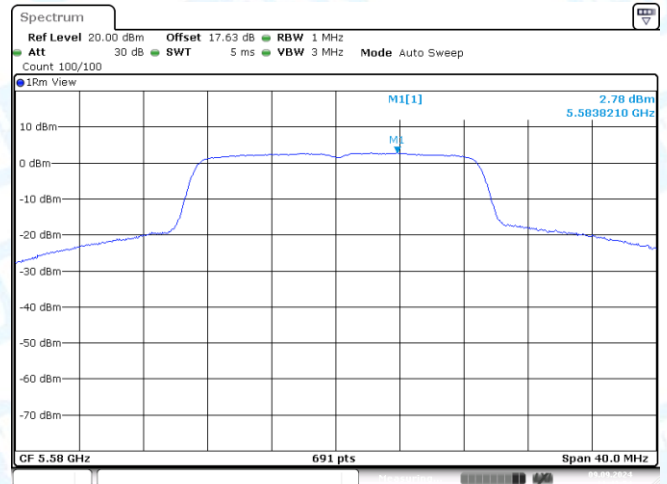
Date: 9.SEP.2024 11:32:07

11N20MIMO-Ant2-5500-PASS



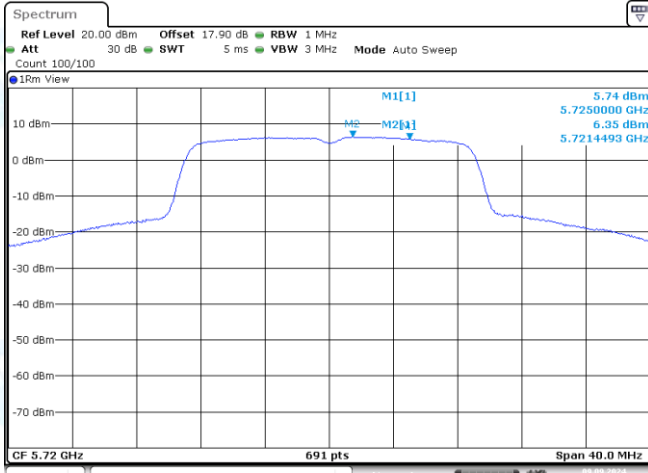
Date: 9.SEP.2024 11:42:33

11N20MIMO-Ant1-5580-PASS



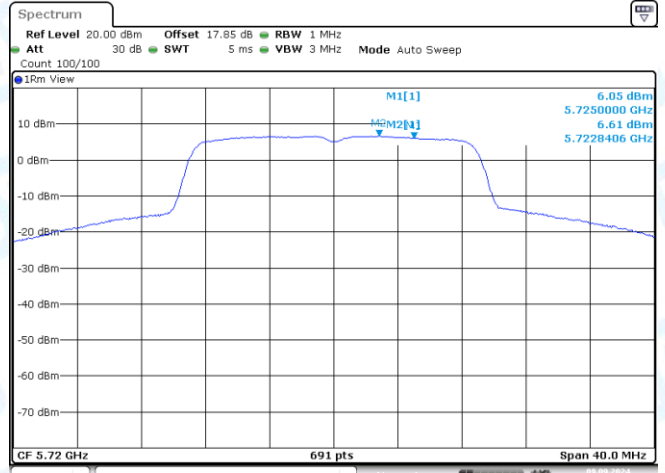
Date: 9.SEP.2024 11:43:54

11N20MIMO-Ant2-5580-PASS



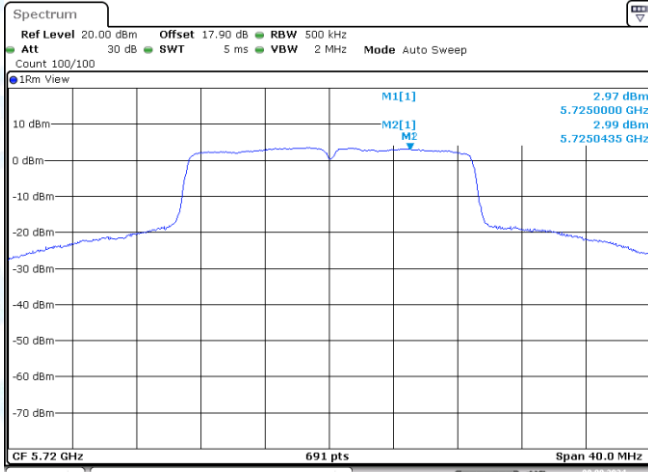
Date: 9.SEP.2024 11:58:30

11N20MIMO-Ant1-5720_UNII-2C-PASS



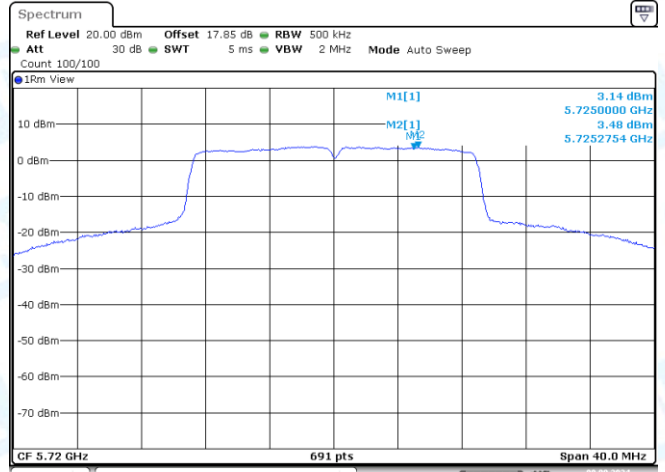
Date: 9.SEP.2024 11:59:39

11N20MIMO-Ant2-5720_UNII-2C-PASS



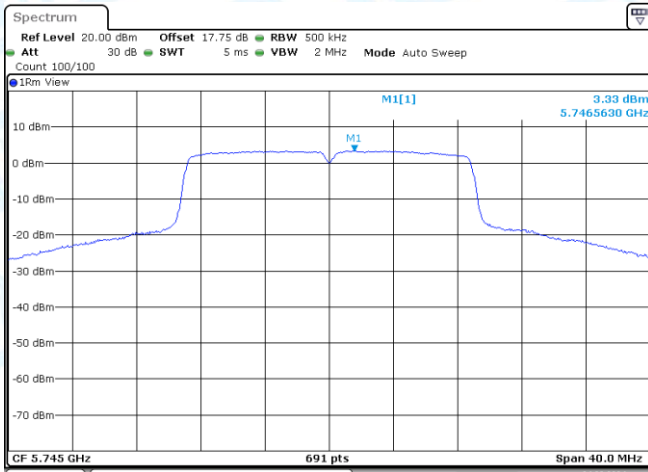
Date: 9.SEP.2024 11:58:45

11N20MIMO-Ant1-5720_UNII-3-PASS



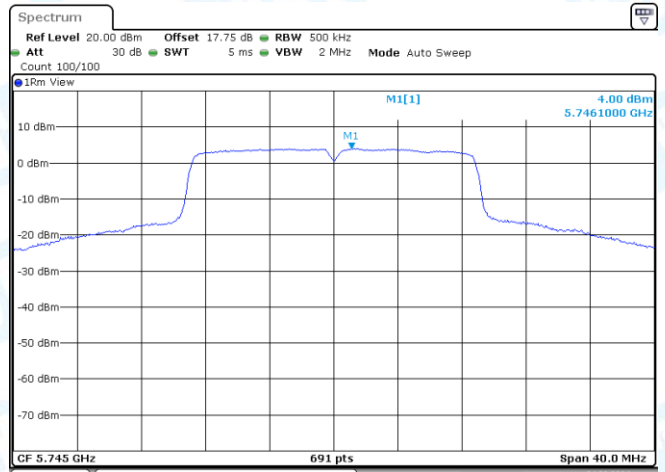
Date: 9.SEP.2024 11:59:54

11N20MIMO-Ant2-5720_UNII-3-PASS



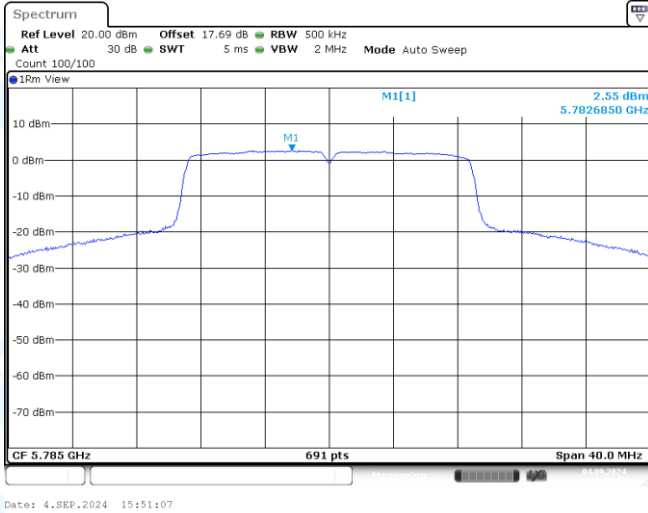
Date: 4.SEP.2024 15:45:51

11N20MIMO-Ant1-5745-PASS

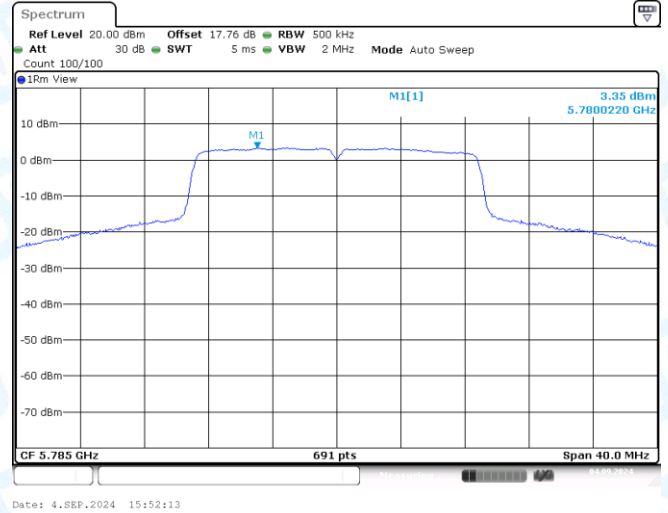


Date: 4.SEP.2024 15:46:56

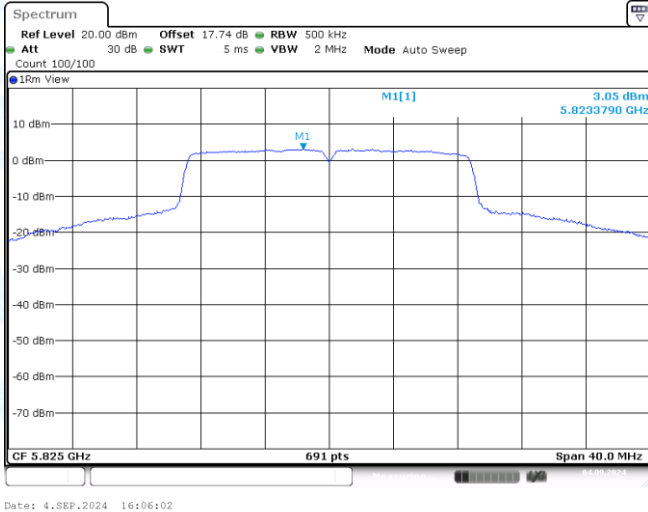
11N20MIMO-Ant2-5745-PASS



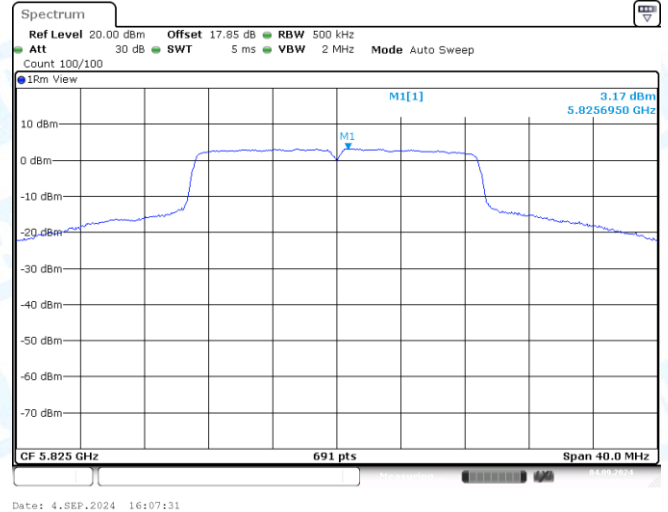
11N20MIMO-Ant1-5785-PASS



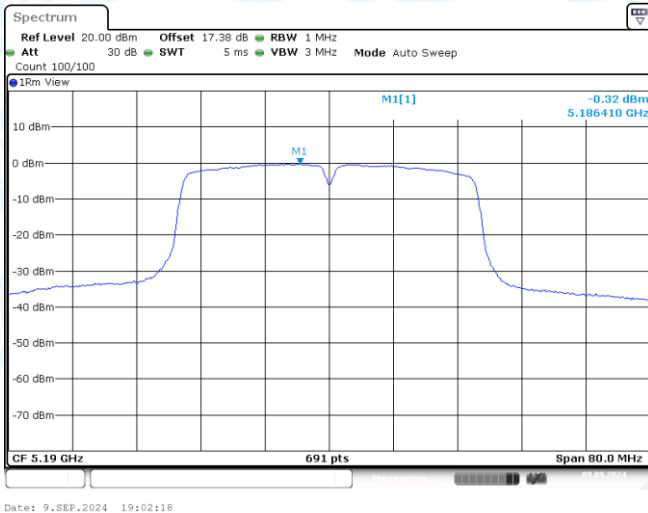
11N20MIMO-Ant2-5785-PASS



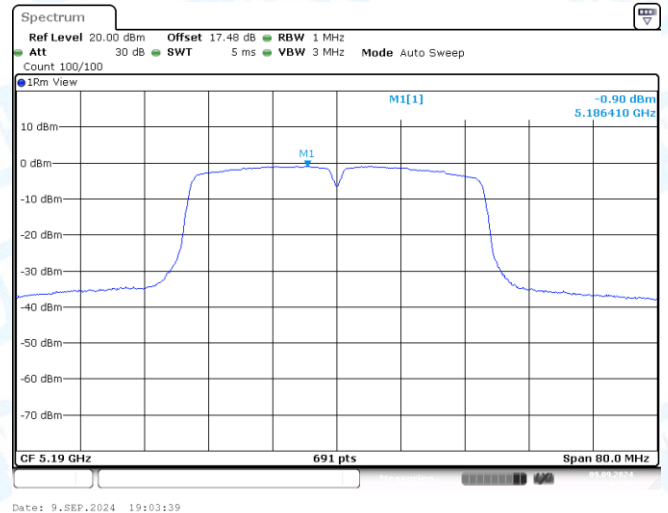
11N20MIMO-Ant1-5825-PASS



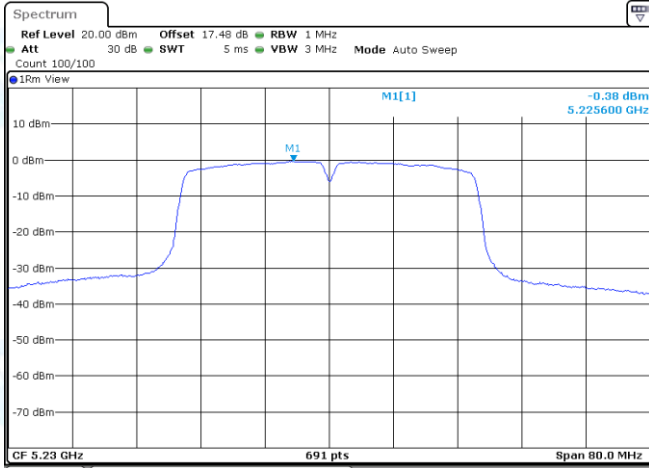
11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5190-PASS

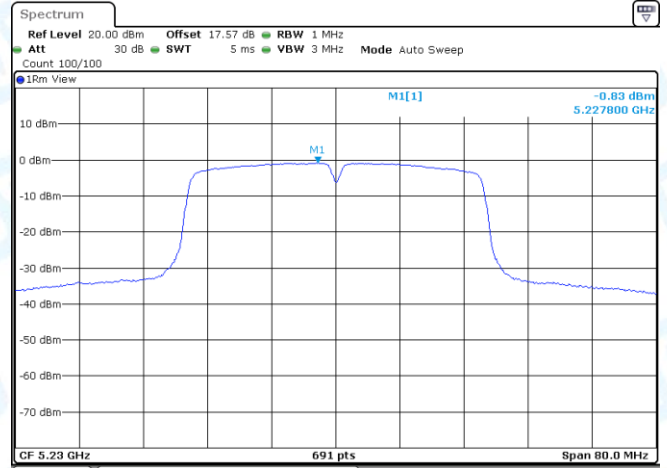


11N40MIMO-Ant2-5190-PASS



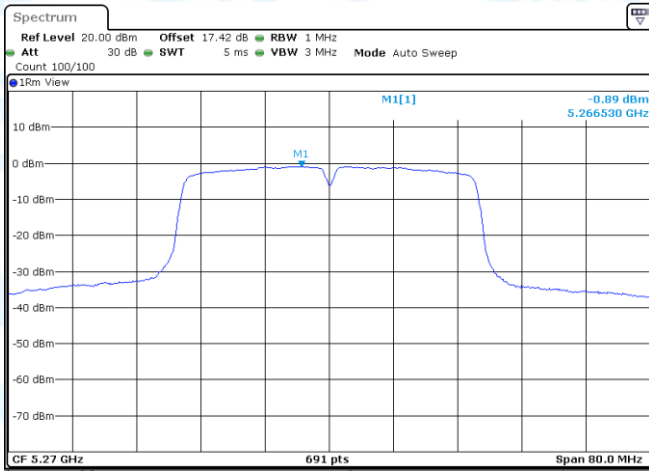
Date: 9.SEP.2024 19:08:54

11N40MIMO-Ant1-5230-PASS



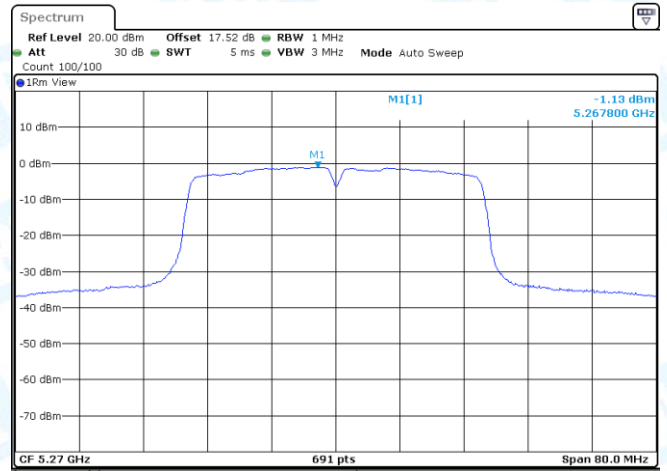
Date: 9.SEP.2024 19:10:28

11N40MIMO-Ant2-5230-PASS



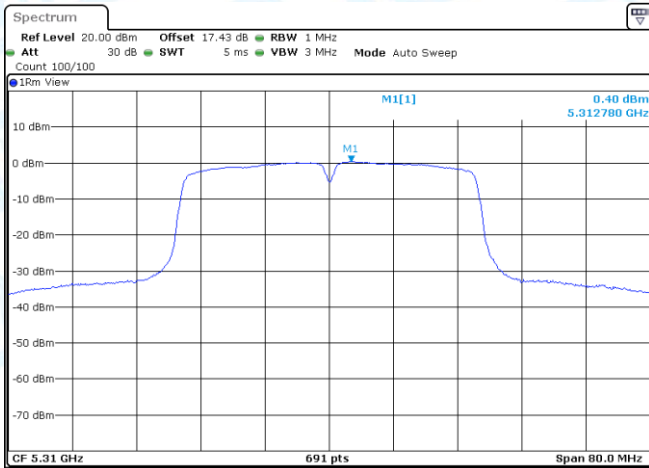
Date: 9.SEP.2024 19:14:21

11N40MIMO-Ant1-5270-PASS



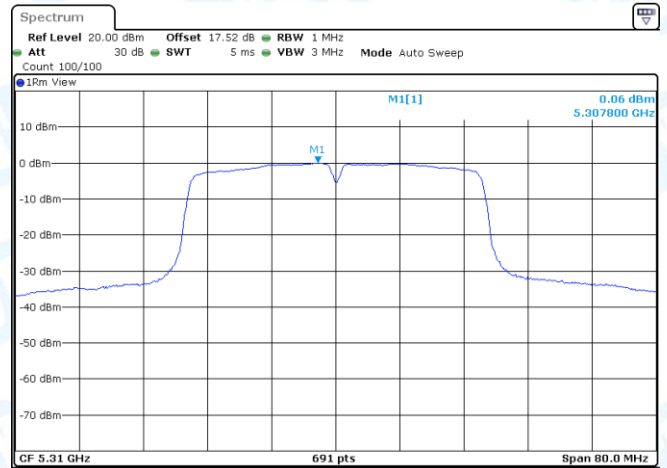
Date: 9.SEP.2024 19:15:57

11N40MIMO-Ant2-5270-PASS



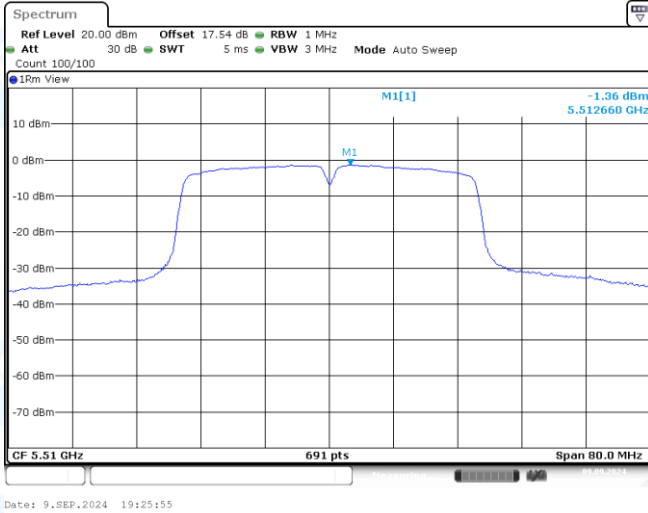
Date: 9.SEP.2024 19:20:02

11N40MIMO-Ant1-5310-PASS

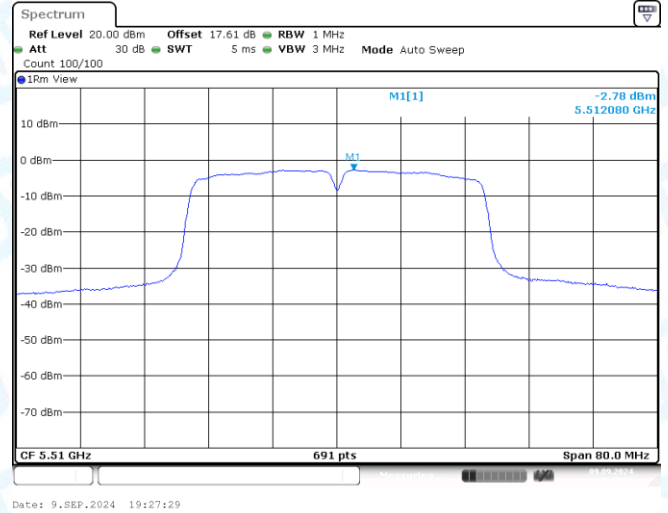


Date: 9.SEP.2024 19:21:23

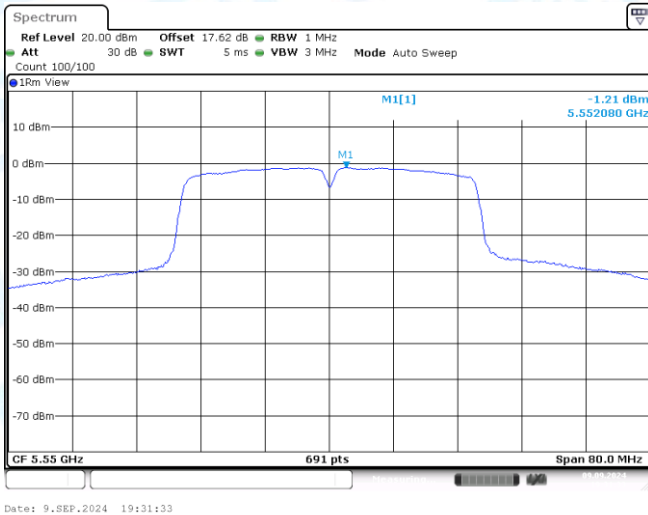
11N40MIMO-Ant2-5310-PASS



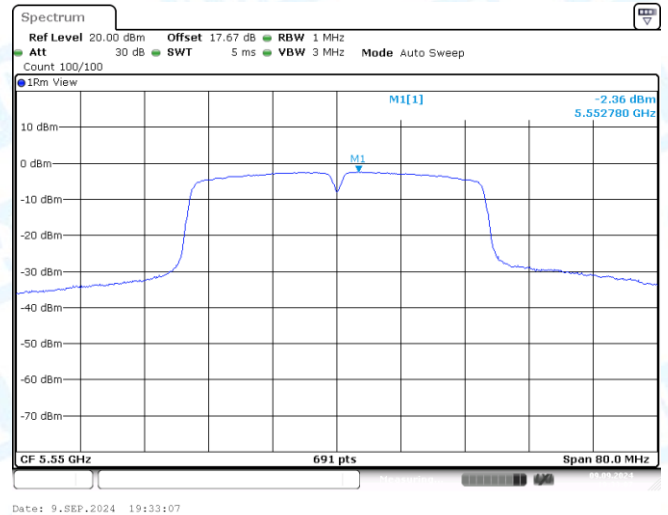
11N40MIMO-Ant1-5510-PASS



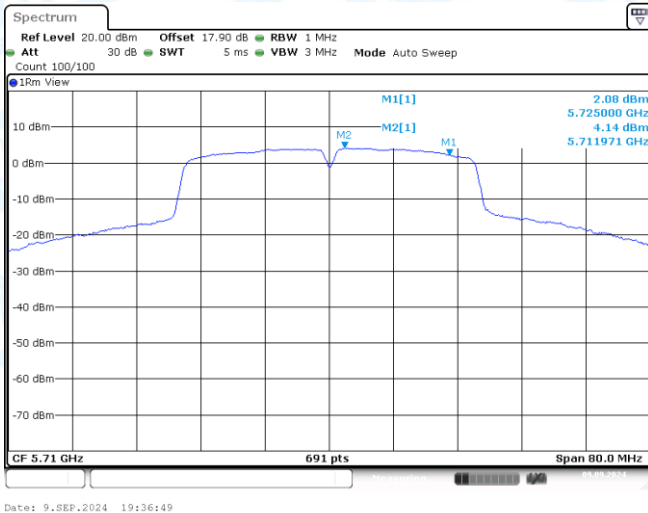
11N40MIMO-Ant2-5510-PASS



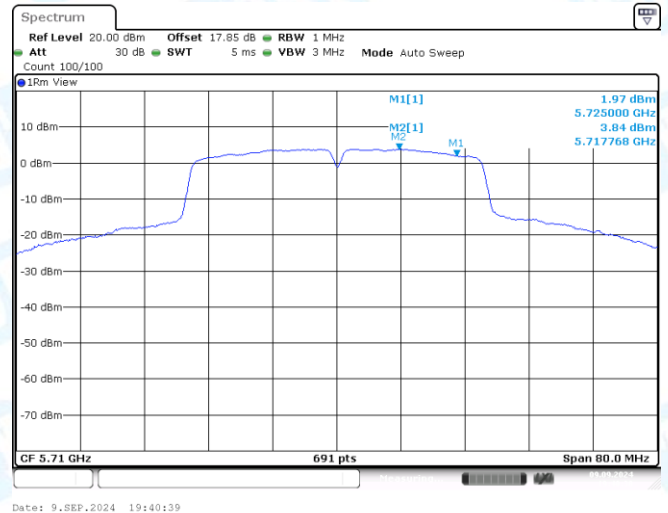
11N40MIMO-Ant1-5550-PASS



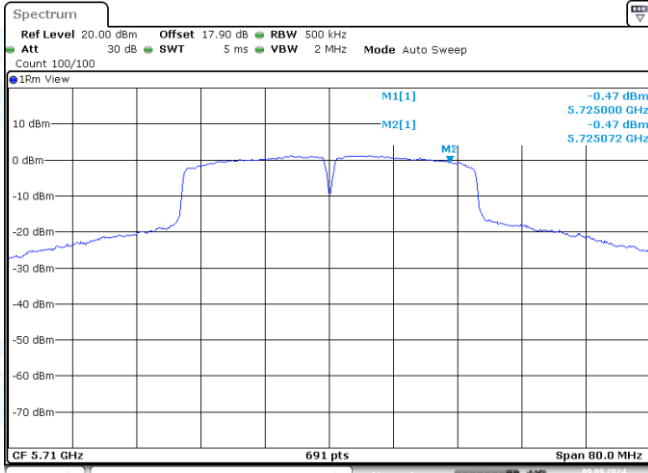
11N40MIMO-Ant2-5550-PASS



11N40MIMO-Ant1-5710_UNII-2C-PASS

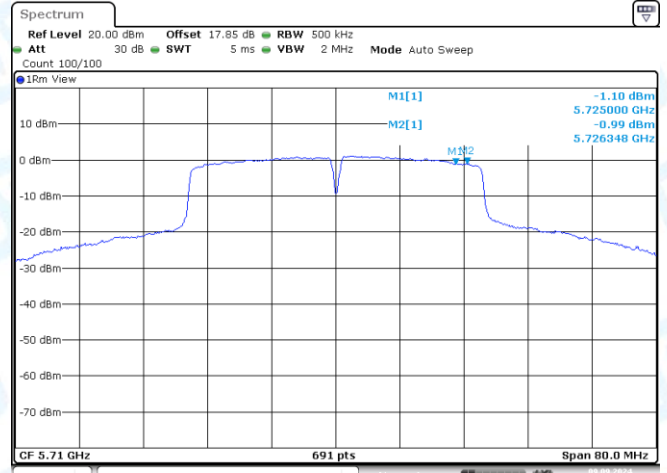


11N40MIMO-Ant2-5710_UNII-2C-PASS



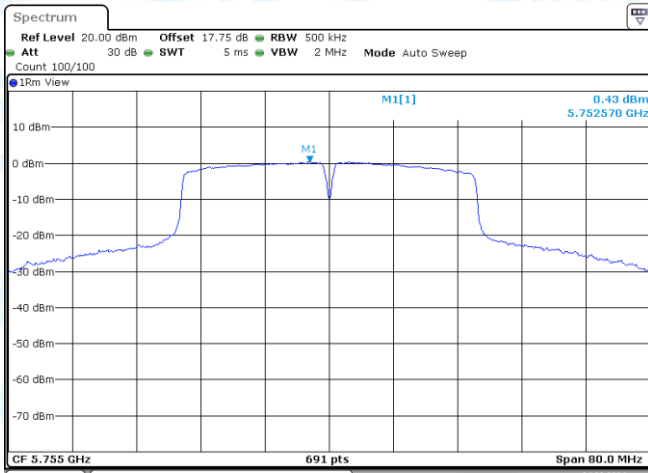
Date: 9.SEP.2024 19:37:03

11N40MIMO-Ant1-5710_UNII-3-PASS



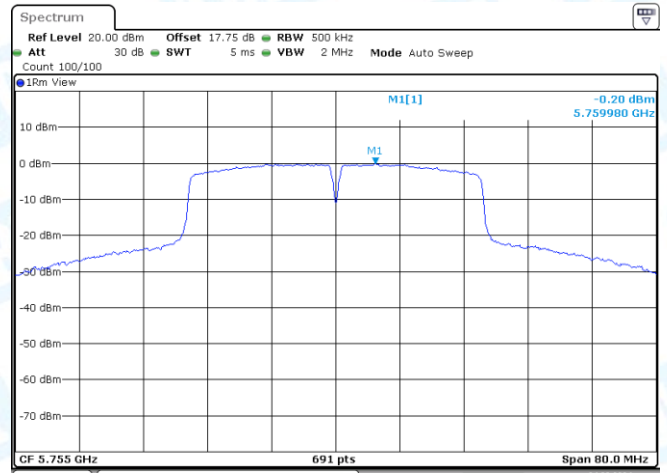
Date: 9.SEP.2024 19:40:54

11N40MIMO-Ant2-5710_UNII-3-PASS



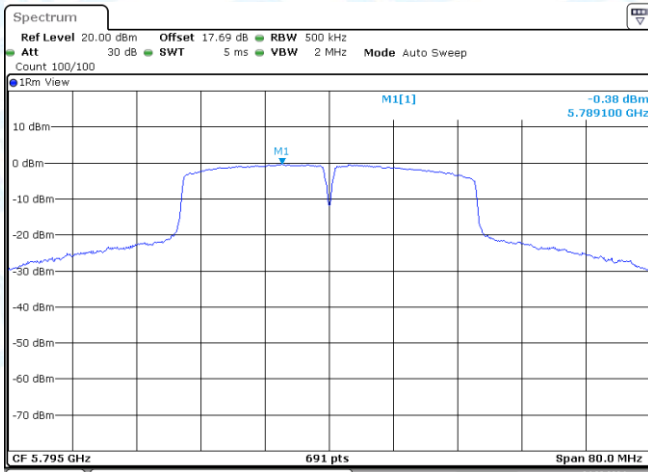
Date: 4.SEP.2024 17:00:06

11N40MIMO-Ant1-5755-PASS



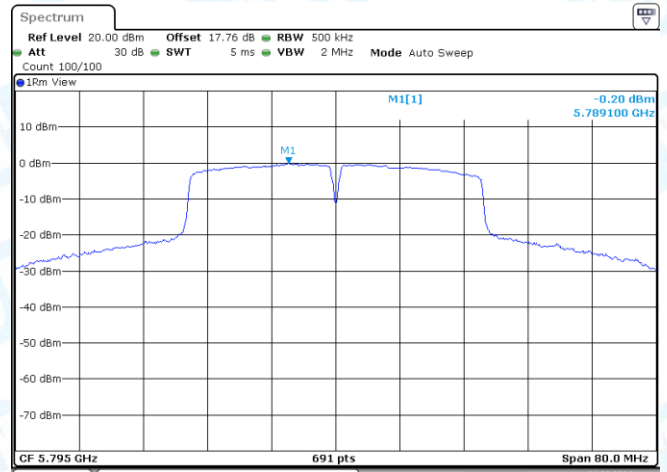
Date: 4.SEP.2024 17:01:12

11N40MIMO-Ant2-5755-PASS



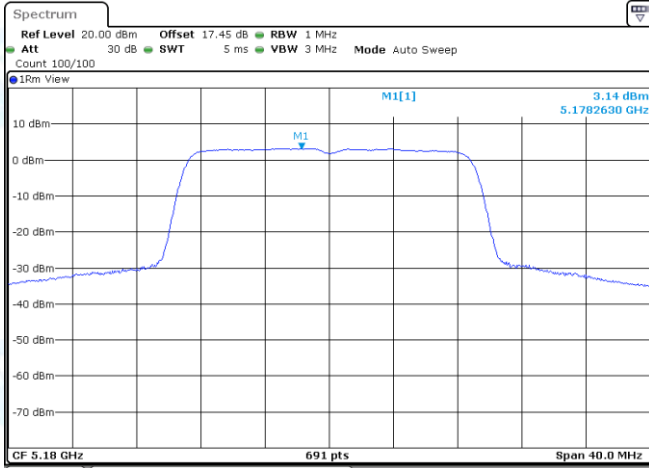
Date: 4.SEP.2024 17:05:34

11N40MIMO-Ant1-5795-PASS



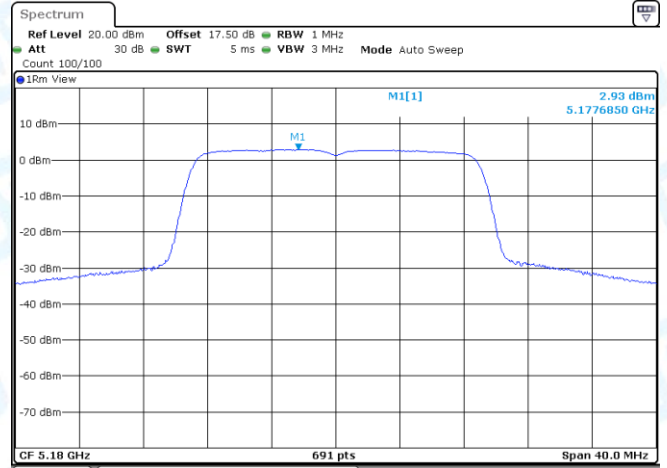
Date: 4.SEP.2024 17:06:40

11N40MIMO-Ant2-5795-PASS



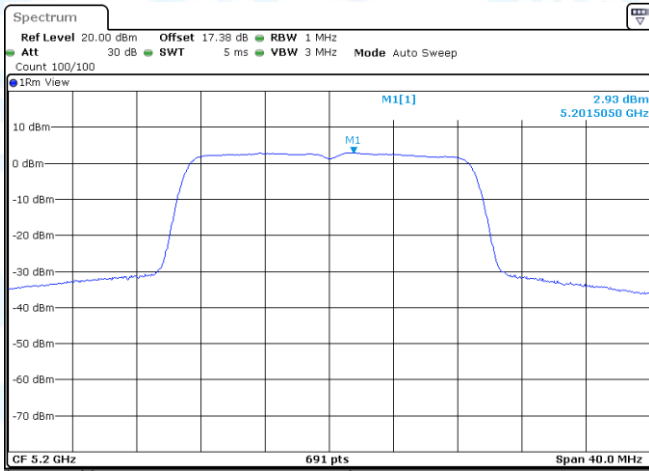
Date: 9.SEP.2024 19:45:35

11AC20MIMO-Ant1-5180-PASS



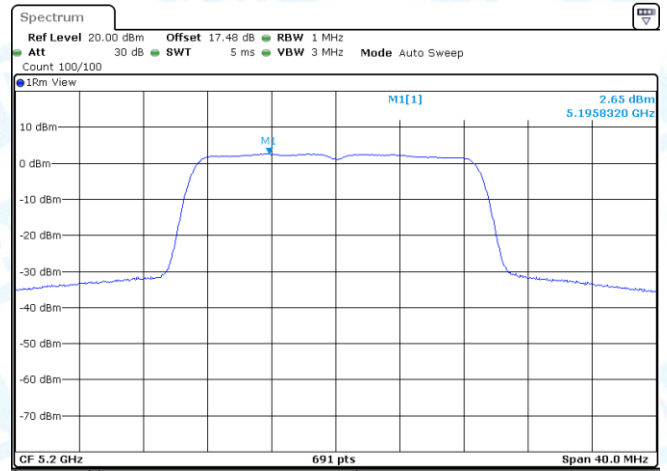
Date: 9.SEP.2024 19:46:57

11AC20MIMO-Ant2-5180-PASS



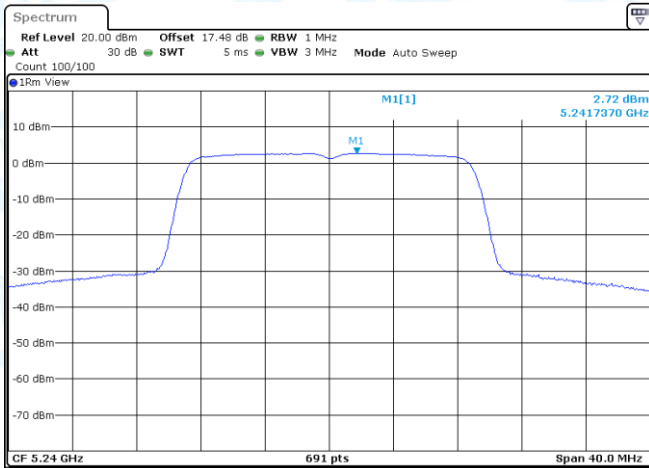
Date: 9.SEP.2024 19:49:04

11AC20MIMO-Ant1-5200-PASS



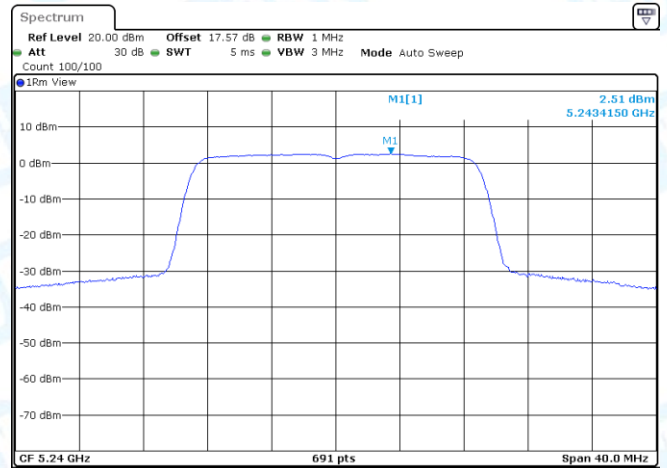
Date: 9.SEP.2024 19:51:09

11AC20MIMO-Ant2-5200-PASS



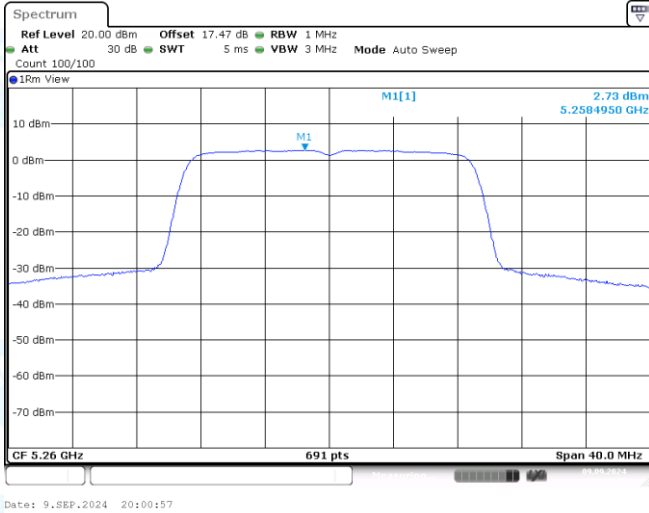
Date: 9.SEP.2024 19:54:39

11AC20MIMO-Ant1-5240-PASS

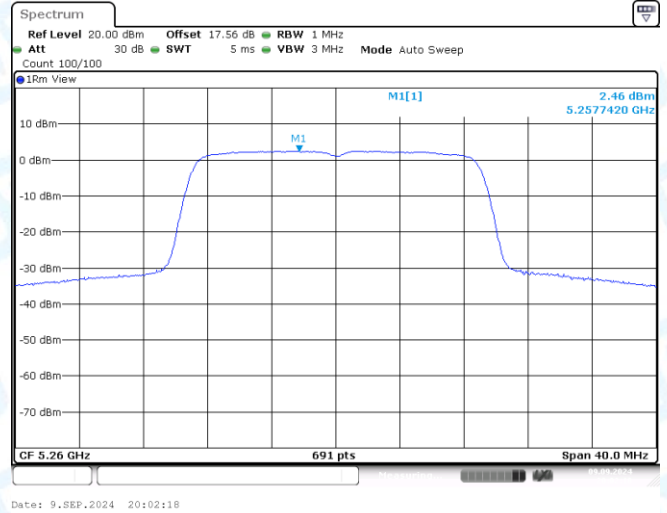


Date: 9.SEP.2024 19:56:22

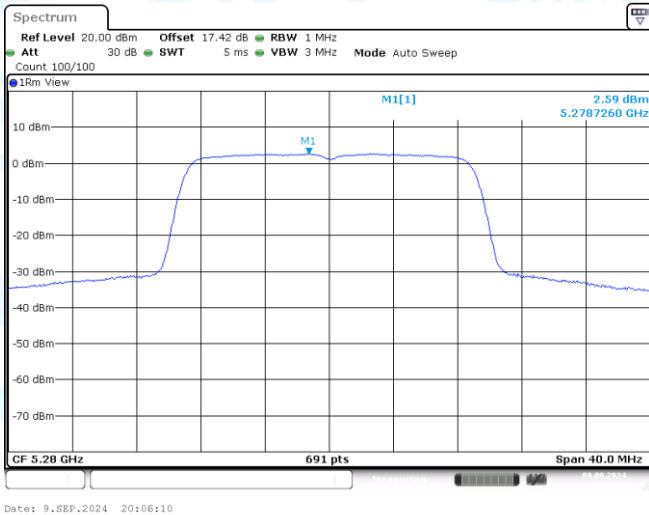
11AC20MIMO-Ant2-5240-PASS



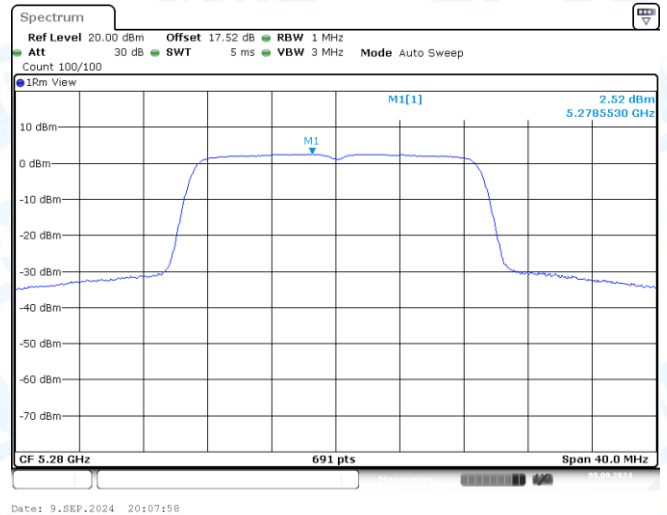
11AC20MIMO-Ant1-5260-PASS



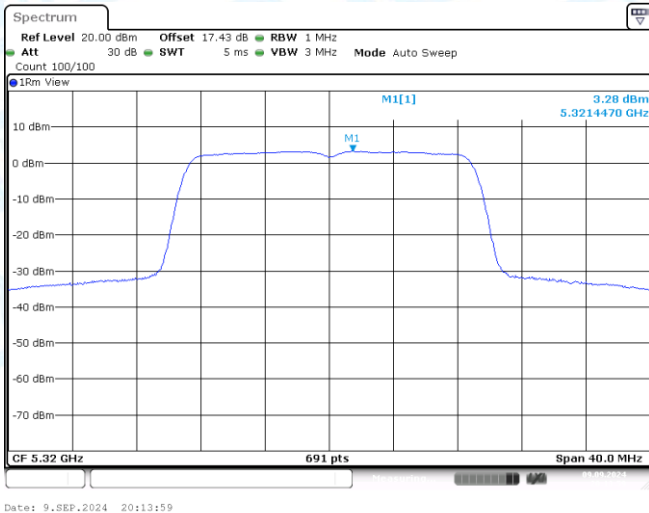
11AC20MIMO-Ant2-5260-PASS



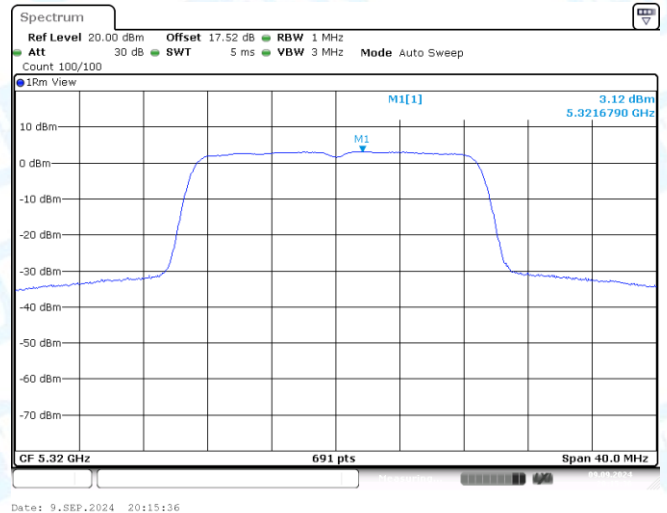
11AC20MIMO-Ant1-5280-PASS



11AC20MIMO-Ant2-5280-PASS



11AC20MIMO-Ant1-5320-PASS



11AC20MIMO-Ant2-5320-PASS