

4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	19.78	≤30.00	PASS
	Ant2	5180	19.41	≤30.00	PASS
	Ant1	5200	20.29	≤30.00	PASS
	Ant2	5200	19.76	≤30.00	PASS
	Ant1	5240	20.20	≤30.00	PASS
	Ant2	5240	19.91	≤30.00	PASS
	Ant1	5260	20.98	≤24.00	PASS
	Ant2	5260	20.61	≤24.00	PASS
	Ant1	5280	20.96	≤24.00	PASS
	Ant2	5280	21.14	≤24.00	PASS
	Ant1	5320	21.01	≤24.00	PASS
	Ant2	5320	20.76	≤24.00	PASS
	Ant1	5500	17.30	≤24.00	PASS
	Ant2	5500	17.15	≤24.00	PASS
	Ant1	5580	17.95	≤24.00	PASS
	Ant2	5580	17.34	≤24.00	PASS
	Ant1	5700	16.95	≤24.00	PASS
	Ant2	5700	17.78	≤24.00	PASS
	Ant1	5720_UNII-2C	16.68	≤24.00	PASS
	Ant2	5720_UNII-2C	17.14	≤24.00	PASS
	Ant1	5720_UNII-3	8.99	≤30.00	PASS
	Ant2	5720_UNII-3	9.17	≤30.00	PASS
	Ant1	5745	17.68	≤30.00	PASS
	Ant2	5745	18.13	≤30.00	PASS
	Ant1	5785	17.75	≤30.00	PASS
	Ant2	5785	17.86	≤30.00	PASS
	Ant1	5825	17.72	≤30.00	PASS
	Ant2	5825	16.73	≤30.00	PASS
11N20MIMO	Ant1	5180	19.40	≤30.00	PASS
	Ant2	5180	18.24	≤30.00	PASS
	total	5180	21.87	≤29.84	PASS
	Ant1	5200	19.56	≤30.00	PASS
	Ant2	5200	18.63	≤30.00	PASS
	total	5200	22.13	≤29.84	PASS
	Ant1	5240	19.52	≤30.00	PASS
	Ant2	5240	19.43	≤30.00	PASS
	total	5240	22.49	≤29.84	PASS
	Ant1	5260	18.52	≤24.00	PASS
	Ant2	5260	18.71	≤24.00	PASS
	total	5260	21.63	≤23.92	PASS

	Ant1	5280	18.29	≤24.00	PASS
	Ant2	5280	18.90	≤24.00	PASS
	total	5280	21.62	≤23.92	PASS
	Ant1	5320	18.11	≤24.00	PASS
	Ant2	5320	18.33	≤24.00	PASS
	total	5320	21.23	≤23.92	PASS
	Ant1	5500	16.06	≤24.00	PASS
	Ant2	5500	15.77	≤24.00	PASS
	total	5500	18.93	≤23.88	PASS
	Ant1	5580	16.77	≤24.00	PASS
	Ant2	5580	16.65	≤24.00	PASS
	total	5580	19.72	≤23.88	PASS
	Ant1	5700	15.62	≤24.00	PASS
	Ant2	5700	16.87	≤24.00	PASS
	total	5700	19.30	≤23.88	PASS
	Ant1	5720_UNII-2C	15.49	≤24.00	PASS
	Ant2	5720_UNII-2C	16.56	≤24.00	PASS
	total	5720_UNII-2C	19.07	≤23.88	PASS
	Ant1	5720_UNII-3	8.12	≤30.00	PASS
	Ant2	5720_UNII-3	9.32	≤30.00	PASS
	total	5720_UNII-3	11.77	≤29.96	PASS
	Ant1	5745	16.27	≤30.00	PASS
	Ant2	5745	16.69	≤30.00	PASS
	total	5745	19.50	≤29.96	PASS
	Ant1	5785	16.29	≤30.00	PASS
	Ant2	5785	16.43	≤30.00	PASS
	total	5785	19.37	≤29.96	PASS
	Ant1	5825	16.29	≤30.00	PASS
	Ant2	5825	15.14	≤30.00	PASS
	total	5825	18.76	≤29.96	PASS
11N40MIMO	Ant1	5190	17.14	≤30.00	PASS
	Ant2	5190	16.31	≤30.00	PASS
	total	5190	19.76	≤29.84	PASS
	Ant1	5230	21.72	≤30.00	PASS
	Ant2	5230	21.60	≤30.00	PASS
	total	5230	24.67	≤29.84	PASS
	Ant1	5270	19.84	≤24.00	PASS
	Ant2	5270	20.13	≤24.00	PASS
	total	5270	23.00	≤23.92	PASS
	Ant1	5310	16.76	≤24.00	PASS
	Ant2	5310	17.06	≤24.00	PASS
	total	5310	19.92	≤23.92	PASS
	Ant1	5510	15.67	≤24.00	PASS
	Ant2	5510	15.28	≤24.00	PASS
	total	5510	18.49	≤23.88	PASS

	Ant1	5550	15.78	≤24.00	PASS
	Ant2	5550	15.12	≤24.00	PASS
	total	5550	18.47	≤23.88	PASS
	Ant1	5670	16.15	≤24.00	PASS
	Ant2	5670	16.19	≤24.00	PASS
	total	5670	19.18	≤23.88	PASS
	Ant1	5710_UNII-2C	15.71	≤24.00	PASS
	Ant2	5710_UNII-2C	15.11	≤24.00	PASS
	total	5710_UNII-2C	18.43	≤23.88	PASS
	Ant1	5710_UNII-3	3.29	≤30.00	PASS
	Ant2	5710_UNII-3	2.67	≤30.00	PASS
	total	5710_UNII-3	6.00	≤29.96	PASS
	Ant1	5755	15.91	≤30.00	PASS
	Ant2	5755	16.30	≤30.00	PASS
	total	5755	19.12	≤29.96	PASS
	Ant1	5795	16.06	≤30.00	PASS
	Ant2	5795	16.00	≤30.00	PASS
	total	5795	19.04	≤29.96	PASS
11AC20MIMO	Ant1	5180	18.94	≤30.00	PASS
	Ant2	5180	17.77	≤30.00	PASS
	total	5180	21.40	≤29.84	PASS
	Ant1	5200	19.08	≤30.00	PASS
	Ant2	5200	18.17	≤30.00	PASS
	total	5200	21.66	≤29.84	PASS
	Ant1	5240	19.15	≤30.00	PASS
	Ant2	5240	19.05	≤30.00	PASS
	total	5240	22.11	≤29.84	PASS
	Ant1	5260	18.48	≤24.00	PASS
	Ant2	5260	18.72	≤24.00	PASS
	total	5260	21.61	≤23.92	PASS
	Ant1	5280	18.60	≤24.00	PASS
	Ant2	5280	18.81	≤24.00	PASS
	total	5280	21.72	≤23.92	PASS
	Ant1	5320	17.94	≤24.00	PASS
	Ant2	5320	18.28	≤24.00	PASS
	total	5320	21.12	≤23.92	PASS
	Ant1	5500	16.15	≤24.00	PASS
	Ant2	5500	15.87	≤24.00	PASS
	total	5500	19.02	≤23.88	PASS
	Ant1	5580	16.88	≤24.00	PASS
	Ant2	5580	16.67	≤24.00	PASS
	total	5580	19.79	≤23.88	PASS
	Ant1	5700	15.73	≤24.00	PASS
	Ant2	5700	16.93	≤24.00	PASS
	total	5700	19.38	≤23.88	PASS

	Ant1	5720_UNII-2C	15.51	≤24.00	PASS
	Ant2	5720_UNII-2C	16.56	≤24.00	PASS
	total	5720_UNII-2C	19.08	≤23.88	PASS
	Ant1	5720_UNII-3	8.10	≤30.00	PASS
	Ant2	5720_UNII-3	9.32	≤30.00	PASS
	total	5720_UNII-3	11.76	≤29.96	PASS
	Ant1	5745	16.26	≤30.00	PASS
	Ant2	5745	16.69	≤30.00	PASS
	total	5745	19.49	≤29.96	PASS
	Ant1	5785	16.22	≤30.00	PASS
	Ant2	5785	16.44	≤30.00	PASS
	total	5785	19.34	≤29.96	PASS
	Ant1	5825	16.25	≤30.00	PASS
	Ant2	5825	15.11	≤30.00	PASS
	total	5825	18.73	≤29.96	PASS
11AC40MIMO	Ant1	5190	17.15	≤30.00	PASS
	Ant2	5190	16.18	≤30.00	PASS
	total	5190	19.70	≤29.84	PASS
	Ant1	5230	21.69	≤30.00	PASS
	Ant2	5230	21.60	≤30.00	PASS
	total	5230	24.66	≤29.84	PASS
	Ant1	5270	19.76	≤24.00	PASS
	Ant2	5270	20.11	≤24.00	PASS
	total	5270	22.95	≤23.92	PASS
	Ant1	5310	16.37	≤24.00	PASS
	Ant2	5310	16.98	≤24.00	PASS
	total	5310	19.70	≤23.92	PASS
	Ant1	5510	15.69	≤24.00	PASS
	Ant2	5510	15.36	≤24.00	PASS
	total	5510	18.54	≤23.88	PASS
	Ant1	5550	15.87	≤24.00	PASS
	Ant2	5550	15.07	≤24.00	PASS
	total	5550	18.50	≤23.88	PASS
	Ant1	5670	16.10	≤24.00	PASS
	Ant2	5670	16.31	≤24.00	PASS
	total	5670	19.22	≤23.88	PASS
	Ant1	5710_UNII-2C	15.72	≤24.00	PASS
	Ant2	5710_UNII-2C	15.39	≤24.00	PASS
	total	5710_UNII-2C	18.57	≤23.88	PASS
	Ant1	5710_UNII-3	3.41	≤30.00	PASS
	Ant2	5710_UNII-3	3.83	≤30.00	PASS
	total	5710_UNII-3	6.64	≤29.96	PASS
	Ant1	5755	15.89	≤30.00	PASS
	Ant2	5755	16.38	≤30.00	PASS
	total	5755	19.15	≤29.96	PASS

	Ant1	5795	16.15	≤30.00	PASS
	Ant2	5795	16.08	≤30.00	PASS
	total	5795	19.13	≤29.96	PASS
11AC80MIMO	Ant1	5210	17.38	≤30.00	PASS
	Ant2	5210	16.45	≤30.00	PASS
	total	5210	19.95	≤29.84	PASS
	Ant1	5290	17.27	≤24.00	PASS
	Ant2	5290	17.68	≤24.00	PASS
	total	5290	20.49	≤23.92	PASS
	Ant1	5530	15.51	≤24.00	PASS
	Ant2	5530	15.18	≤24.00	PASS
	total	5530	18.36	≤23.88	PASS
	Ant1	5610	16.16	≤24.00	PASS
	Ant2	5610	16.60	≤24.00	PASS
	total	5610	19.40	≤23.88	PASS
	Ant1	5690_UNII-2C	16.14	≤24.00	PASS
	Ant2	5690_UNII-2C	16.36	≤24.00	PASS
	total	5690_UNII-2C	19.26	≤23.88	PASS
	Ant1	5690_UNII-3	0.48	≤30.00	PASS
	Ant2	5690_UNII-3	1.25	≤30.00	PASS
	total	5690_UNII-3	3.89	≤29.96	PASS
	Ant1	5775	15.80	≤30.00	PASS
	Ant2	5775	15.94	≤30.00	PASS
	total	5775	18.88	≤29.96	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides three antennas for transmitting and receiving.

When ANT.1 and ANT. 2 transmitting simultaneously, and the
 Directional Gain =6.16dBi > 6dBi. For U-NII-1: 5180MHz-5260MHz (Ant.1:3.64dBi; Ant.2: 2.63dBi)
 Directional Gain =6.06dBi > 6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:3.75dBi; Ant.2:2.29dBi)
 Directional Gain =6.12dBi > 6dBi. For U-NII-2C: 5500MHz-5720MHz (Ant.1: 3.28dBi; Ant.2:2.94dBi)
 Directional Gain =6.04dBi > 6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:2.99dBi; Ant.2:3.06dBi)
 So Pout = Plimit-(G_{TX}-6)]=(30.00-0.16)dBm =29.84dBm For U-NII-1: 5180MHz-5260MHz
 So Pout = Plimit-(G_{TX}-6)]=(24.00-0.06)dBm =23.94dBm For U-NII-2A: 5260MHz-5320MHz
 So Pout = Plimit-(G_{TX}-6)]=(24.00-0.12)dBm=23.88dBm For U-NII-2C: 5500MHz-5720MHz
 So Pout = Plimit-(G_{TX}-6)]=(30-0.04)dBm=29.96dBm For U-NII-3: 5745MHz-5825MHz

The Duty Cycle Factor is compensated in the graph.

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result		Limit		Verdict
			[dBm/MHz]	[dBm/500kHz]	[dBm/MHz]	[dBm/500kHz]	
11A	Ant1	5180	9.54	---	≤17.00	---	PASS
	Ant2	5180	9.00	---	≤17.00	---	PASS
	Ant1	5200	10.21	---	≤17.00	---	PASS
	Ant2	5200	9.38	---	≤17.00	---	PASS
	Ant1	5240	9.86	---	≤17.00	---	PASS
	Ant2	5240	9.45	---	≤17.00	---	PASS
	Ant1	5260	10.09	---	≤11.00	---	PASS
	Ant2	5260	9.90	---	≤11.00	---	PASS
	Ant1	5280	10.17	---	≤11.00	---	PASS
	Ant2	5280	10.36	---	≤11.00	---	PASS
	Ant1	5320	10.48	---	≤11.00	---	PASS
	Ant2	5320	10.03	---	≤11.00	---	PASS
	Ant1	5500	7.44	---	≤11.00	---	PASS
	Ant2	5500	7.31	---	≤11.00	---	PASS
	Ant1	5580	8.05	---	≤11.00	---	PASS
	Ant2	5580	7.27	---	≤11.00	---	PASS
	Ant1	5700	7.04	---	≤11.00	---	PASS
	Ant2	5700	7.80	---	≤11.00	---	PASS
	Ant1	5720_UNII-2C	6.36	---	≤11.00	---	PASS
	Ant2	5720_UNII-2C	7.65	---	≤11.00	---	PASS
	Ant1	5720_UNII-3	---	1.54	---	≤30.00	PASS
	Ant2	5720_UNII-3	---	2.66	---	≤30.00	PASS
	Ant1	5745	---	4.87	---	≤30.00	PASS
	Ant2	5745	---	5.23	---	≤30.00	PASS
	Ant1	5785	---	4.60	---	≤30.00	PASS
	Ant2	5785	---	4.92	---	≤30.00	PASS
	Ant1	5825	---	5.12	---	≤30.00	PASS
	Ant2	5825	---	3.98	---	≤30.00	PASS
11N20MIMO	Ant1	5180	8.65	---	≤17.00	---	PASS
	Ant2	5180	7.25	---	≤17.00	---	PASS
	total	5180	11.02	---	≤16.84	---	PASS
	Ant1	5200	8.77	---	≤17.00	---	PASS
	Ant2	5200	7.64	---	≤17.00	---	PASS
	total	5200	11.25	---	≤16.84	---	PASS
	Ant1	5240	8.61	---	≤17.00	---	PASS
	Ant2	5240	8.44	---	≤17.00	---	PASS
	total	5240	11.54	---	≤16.84	---	PASS
	Ant1	5260	7.38	---	≤11.00	---	PASS
	Ant2	5260	7.59	---	≤11.00	---	PASS
	total	5260	10.50	---	≤10.94	---	PASS
	Ant1	5280	7.21	---	≤11.00	---	PASS
	Ant2	5280	7.69	---	≤11.00	---	PASS
	total	5280	10.47	---	≤10.94	---	PASS
	Ant1	5320	7.04	---	≤11.00	---	PASS
	Ant2	5320	7.39	---	≤11.00	---	PASS
	total	5320	10.23	---	≤10.94	---	PASS
	Ant1	5500	6.08	---	≤11.00	---	PASS
	Ant2	5500	5.70	---	≤11.00	---	PASS
	total	5500	8.90	---	≤10.88	---	PASS
	Ant1	5580	6.70	---	≤11.00	---	PASS
	Ant2	5580	6.43	---	≤11.00	---	PASS

	total	5580	9.58	---	≤10.88	---	PASS
	Ant1	5700	5.63	---	≤11.00	---	PASS
	Ant2	5700	6.85	---	≤11.00	---	PASS
	total	5700	9.29	---	≤10.88	---	PASS
	Ant1	5720_UNII-2C	5.57	---	≤11.00	---	PASS
	Ant2	5720_UNII-2C	6.83	---	≤11.00	---	PASS
	total	5720_UNII-2C	9.26	---	≤10.88	---	PASS
	Ant1	5720_UNII-3	---	0.68	---	≤30.00	PASS
	Ant2	5720_UNII-3	---	2.16	---	≤30.00	PASS
	total	5720_UNII-3	---	4.49	---	≤29.96	PASS
	Ant1	5745	---	3.30	---	≤30.00	PASS
	Ant2	5745	---	3.64	---	≤30.00	PASS
	total	5745	---	6.48	---	≤29.96	PASS
	Ant1	5785	---	3.41	---	≤30.00	PASS
	Ant2	5785	---	3.42	---	≤30.00	PASS
	total	5785	---	6.43	---	≤29.96	PASS
	Ant1	5825	---	3.60	---	≤30.00	PASS
	Ant2	5825	---	2.22	---	≤30.00	PASS
	total	5825	---	5.97	---	≤29.96	PASS
11N40MIMO	Ant1	5190	2.88	---	≤17.00	---	PASS
	Ant2	5190	2.03	---	≤17.00	---	PASS
	total	5190	5.49	---	≤16.84	---	PASS
	Ant1	5230	7.31	---	≤17.00	---	PASS
	Ant2	5230	7.48	---	≤17.00	---	PASS
	total	5230	10.41	---	≤16.84	---	PASS
	Ant1	5270	5.68	---	≤11.00	---	PASS
	Ant2	5270	6.01	---	≤11.00	---	PASS
	total	5270	8.86	---	≤10.94	---	PASS
	Ant1	5310	2.64	---	≤11.00	---	PASS
	Ant2	5310	2.88	---	≤11.00	---	PASS
	total	5310	5.77	---	≤10.94	---	PASS
	Ant1	5510	2.63	---	≤11.00	---	PASS
	Ant2	5510	2.32	---	≤11.00	---	PASS
	total	5510	5.49	---	≤10.88	---	PASS
	Ant1	5550	2.81	---	≤11.00	---	PASS
	Ant2	5550	2.01	---	≤11.00	---	PASS
	total	5550	5.44	---	≤10.88	---	PASS
	Ant1	5670	3.10	---	≤11.00	---	PASS
	Ant2	5670	3.29	---	≤11.00	---	PASS
	total	5670	6.21	---	≤10.88	---	PASS
	Ant1	5710_UNII-2C	-4.09	---	≤11.00	---	PASS
	Ant2	5710_UNII-2C	1.74	---	≤11.00	---	PASS
	total	5710_UNII-2C	2.75	---	≤10.88	---	PASS
	Ant1	5710_UNII-3	---	-4.22	---	≤30.00	PASS
	Ant2	5710_UNII-3	---	-4.19	---	≤30.00	PASS
	total	5710_UNII-3	---	-1.19	---	≤29.96	PASS
	Ant1	5755	---	-0.13	---	≤30.00	PASS
	Ant2	5755	---	-8.92	---	≤30.00	PASS
	total	5755	---	0.41	---	≤29.96	PASS
	Ant1	5795	---	-0.16	---	≤30.00	PASS
	Ant2	5795	---	-0.09	---	≤30.00	PASS
	total	5795	---	2.89	---	≤29.96	PASS
11AC20MIMO	Ant1	5180	7.80	---	≤17.00	---	PASS
	Ant2	5180	6.61	---	≤17.00	---	PASS
	total	5180	10.26	---	≤16.84	---	PASS
	Ant1	5200	8.01	---	≤17.00	---	PASS
	Ant2	5200	7.02	---	≤17.00	---	PASS
	total	5200	10.55	---	≤16.84	---	PASS

	Ant1	5240	7.96	---	≤17.00	---	PASS
	Ant2	5240	7.93	---	≤17.00	---	PASS
	total	5240	10.96	---	≤16.84	---	PASS
	Ant1	5260	7.28	---	≤11.00	---	PASS
	Ant2	5260	7.65	---	≤11.00	---	PASS
	total	5260	10.48	---	≤10.94	---	PASS
	Ant1	5280	7.55	---	≤11.00	---	PASS
	Ant2	5280	7.82	---	≤11.00	---	PASS
	total	5280	10.70	---	≤10.94	---	PASS
	Ant1	5320	6.85	---	≤11.00	---	PASS
	Ant2	5320	7.14	---	≤11.00	---	PASS
	total	5320	10.01	---	≤10.94	---	PASS
	Ant1	5500	6.15	---	≤11.00	---	PASS
	Ant2	5500	5.92	---	≤11.00	---	PASS
	total	5500	9.05	---	≤10.88	---	PASS
	Ant1	5580	6.72	---	≤11.00	---	PASS
	Ant2	5580	6.55	---	≤11.00	---	PASS
	total	5580	9.65	---	≤10.88	---	PASS
	Ant1	5700	5.65	---	≤11.00	---	PASS
	Ant2	5700	6.81	---	≤11.00	---	PASS
	total	5700	9.28	---	≤10.88	---	PASS
	Ant1	5720_UNII-2C	5.72	---	≤11.00	---	PASS
	Ant2	5720_UNII-2C	6.69	---	≤11.00	---	PASS
	total	5720_UNII-2C	9.24	---	≤10.88	---	PASS
	Ant1	5720_UNII-3	---	0.73	---	≤30.00	PASS
	Ant2	5720_UNII-3	---	1.96	---	≤30.00	PASS
	total	5720_UNII-3	---	4.40	---	≤29.96	PASS
	Ant1	5745	---	3.45	---	≤30.00	PASS
	Ant2	5745	---	3.54	---	≤30.00	PASS
	total	5745	---	6.51	---	≤29.96	PASS
	Ant1	5785	---	3.43	---	≤30.00	PASS
	Ant2	5785	---	3.26	---	≤30.00	PASS
	total	5785	---	6.36	---	≤29.96	PASS
	Ant1	5825	---	3.47	---	≤30.00	PASS
	Ant2	5825	---	2.23	---	≤30.00	PASS
	total	5825	---	5.90	---	≤29.96	PASS
11AC40MIMO	Ant1	5190	2.89	---	≤17.00	---	PASS
	Ant2	5190	2.09	---	≤17.00	---	PASS
	total	5190	5.52	---	≤16.84	---	PASS
	Ant1	5230	7.57	---	≤17.00	---	PASS
	Ant2	5230	7.53	---	≤17.00	---	PASS
	total	5230	10.56	---	≤16.84	---	PASS
	Ant1	5270	5.62	---	≤11.00	---	PASS
	Ant2	5270	5.92	---	≤11.00	---	PASS
	total	5270	8.78	---	≤10.94	---	PASS
	Ant1	5310	2.28	---	≤11.00	---	PASS
	Ant2	5310	2.83	---	≤11.00	---	PASS
	total	5310	5.57	---	≤10.94	---	PASS
	Ant1	5510	2.77	---	≤11.00	---	PASS
	Ant2	5510	2.53	---	≤11.00	---	PASS
	total	5510	5.66	---	≤10.88	---	PASS
	Ant1	5550	2.60	---	≤11.00	---	PASS
	Ant2	5550	1.62	---	≤11.00	---	PASS
	total	5550	5.15	---	≤10.88	---	PASS
	Ant1	5670	-4.72	---	≤11.00	---	PASS
	Ant2	5670	3.33	---	≤11.00	---	PASS
	total	5670	3.96	---	≤10.88	---	PASS
	Ant1	5710_UNII-2C	2.50	---	≤11.00	---	PASS

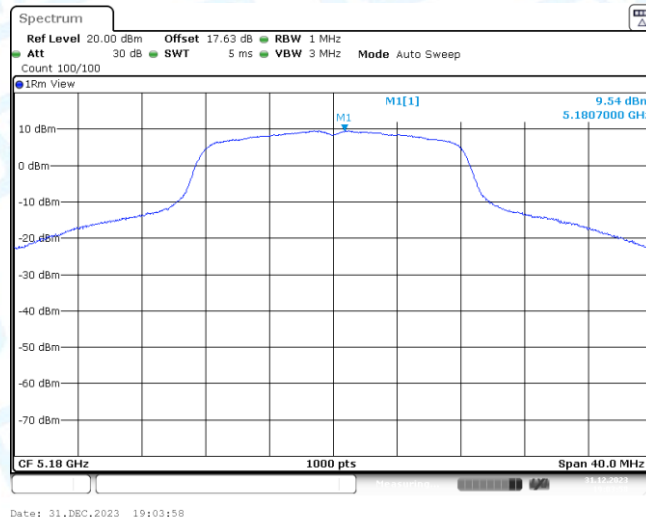
11AC80MIMO	Ant2	5710_UNII-2C	3.32	---	≤11.00	---	PASS
	total	5710_UNII-2C	5.94	---	≤10.88	---	PASS
	Ant1	5710_UNII-3	---	-3.97	---	≤30.00	PASS
	Ant2	5710_UNII-3	---	-2.43	---	≤30.00	PASS
	total	5710_UNII-3	---	-0.12	---	≤29.96	PASS
	Ant1	5755	---	-0.89	---	≤30.00	PASS
	Ant2	5755	---	0.12	---	≤30.00	PASS
	total	5755	---	2.65	---	≤29.96	PASS
	Ant1	5795	---	0.12	---	≤30.00	PASS
	Ant2	5795	---	-0.17	---	≤30.00	PASS
	total	5795	---	2.99	---	≤29.96	PASS
	Ant1	5210	-0.48	---	≤17.00	---	PASS
	Ant2	5210	-1.15	---	≤17.00	---	PASS
	total	5210	2.21	---	≤16.84	---	PASS
	Ant1	5290	0.32	---	≤11.00	---	PASS
	Ant2	5290	0.34	---	≤11.00	---	PASS
	total	5290	3.34	---	≤10.94	---	PASS
	Ant1	5530	-0.79	---	≤11.00	---	PASS
	Ant2	5530	-0.80	---	≤11.00	---	PASS
	total	5530	2.22	---	≤10.88	---	PASS
	Ant1	5610	0.27	---	≤11.00	---	PASS
	Ant2	5610	0.33	---	≤11.00	---	PASS
	total	5610	3.31	---	≤10.88	---	PASS
	Ant1	5690_UNII-2C	-0.40	---	≤11.00	---	PASS
	Ant2	5690_UNII-2C	-0.28	---	≤11.00	---	PASS
	total	5690_UNII-2C	2.67	---	≤10.88	---	PASS
	Ant1	5690_UNII-3	---	-6.60	---	≤30.00	PASS
	Ant2	5690_UNII-3	---	-6.93	---	≤30.00	PASS
	total	5690_UNII-3	---	-3.75	---	≤29.96	PASS
	Ant1	5775	---	-3.11	---	≤30.00	PASS
	Ant2	5775	---	-3.10	---	≤30.00	PASS
	total	5775	---	-0.09	---	≤29.96	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides three antennas for transmitting and receiving.

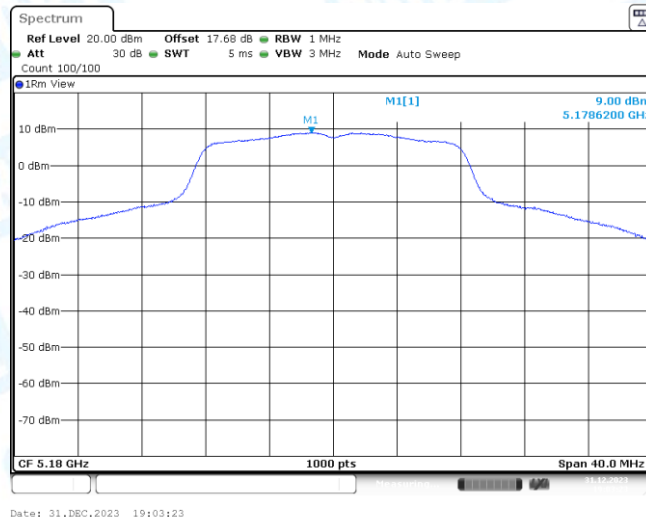
When ANT.1 and ANT. 2 transmitting simultaneously, and the
 Directional Gain =6.16dBi>6dBi. For U-NII-1: 5180MHz-5260MHz (Ant.1:3.64dBi; Ant.2: 2.63dBi)
 Directional Gain =6.06dBi>6dBi. For U-NII-2A: 5260MHz-5320MHz (Ant.1:3.75dBi; Ant.2:2.29dBi)
 Directional Gain =6.12dBi>6dBi. For U-NII-2C: 5500MHz-5720MHz (Ant.1: 3.28dBi; Ant.2:2.94dBi)
 Directional Gain =6.04dBi>6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.1:2.99dBi; Ant.2:3.06dBi)
 So PSDout = PSDlimit-(G_{TX}-6)=(17.00-0.16)dBm =16.84dBm/MHz For U-NII-1: 5180MHz-5260MHz
 So PSDout = PSDlimit-(G_{TX}-6)=(11.00-0.06)dBm =10.94dBm/MHz For U-NII-2A: 5260MHz-5320MHz
 So PSDout = PSDlimit-(G_{TX}-6)=(11.00-0.12)dBm=10.88dBm/MHz For U-NII-2C: 5500MHz-5720MHz
 So PSDout = PSDlimit-(G_{TX}-6)=(30-0.04)dBm=29.96dBm/500kHz For U-NII-3: 5745MHz-5825MHz
 The Duty Cycle Factor and RBW Factor is compensated in the graph.

5.2. Test Graphs

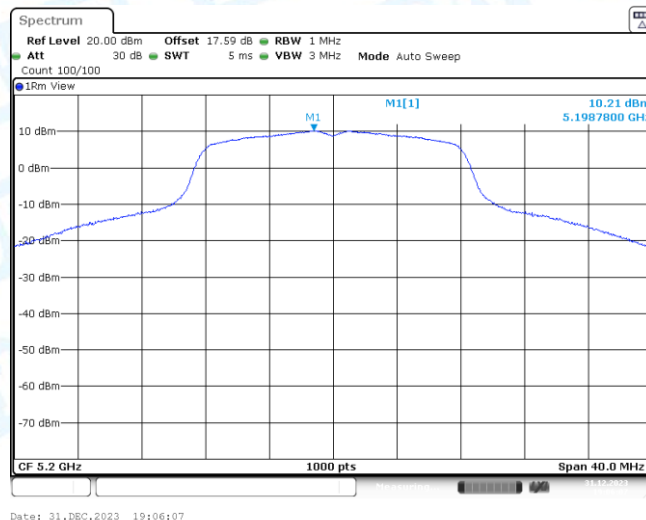
11A_Ant1_5180



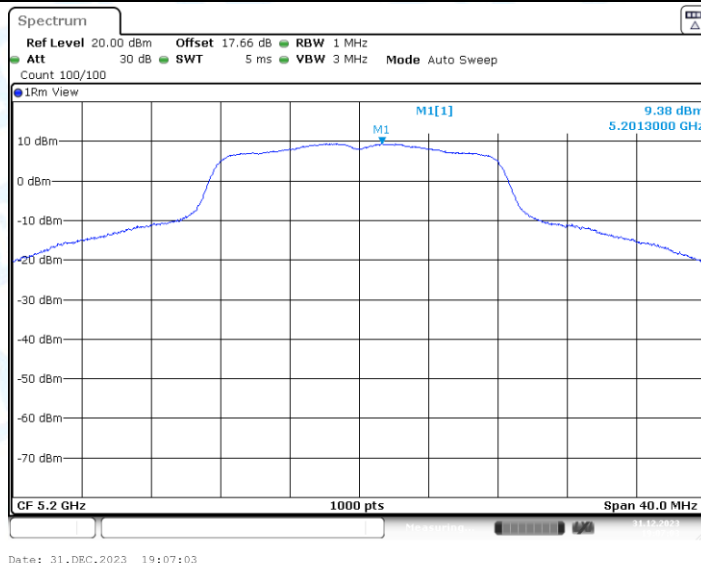
11A_Ant2_5180



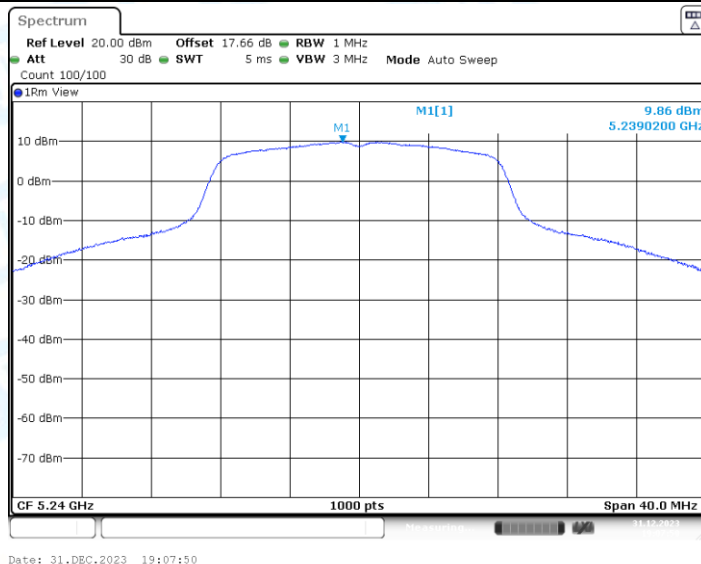
11A_Ant1_5200



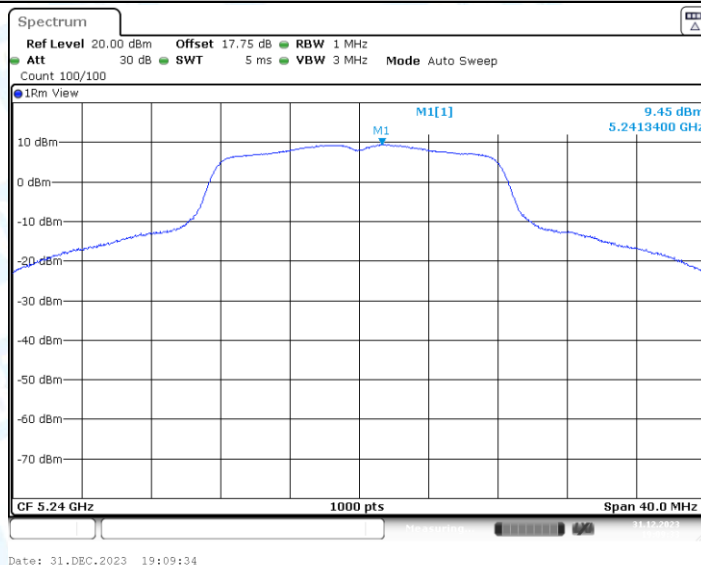
11A_Ant2_5200



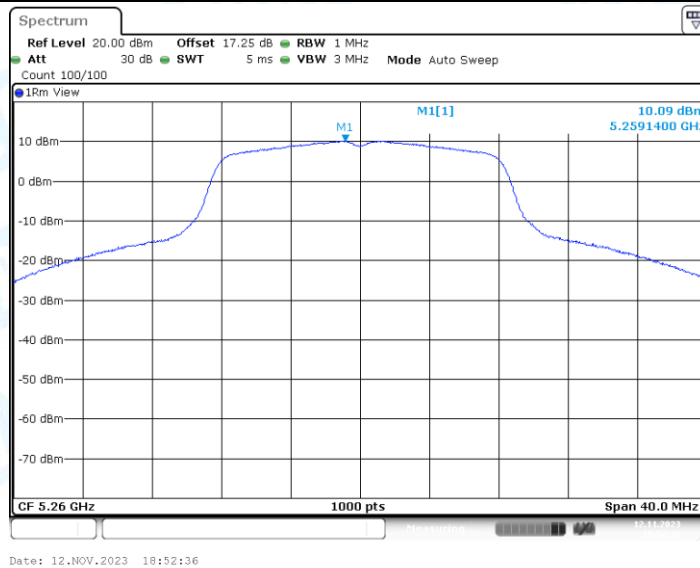
11A_Ant1_5240



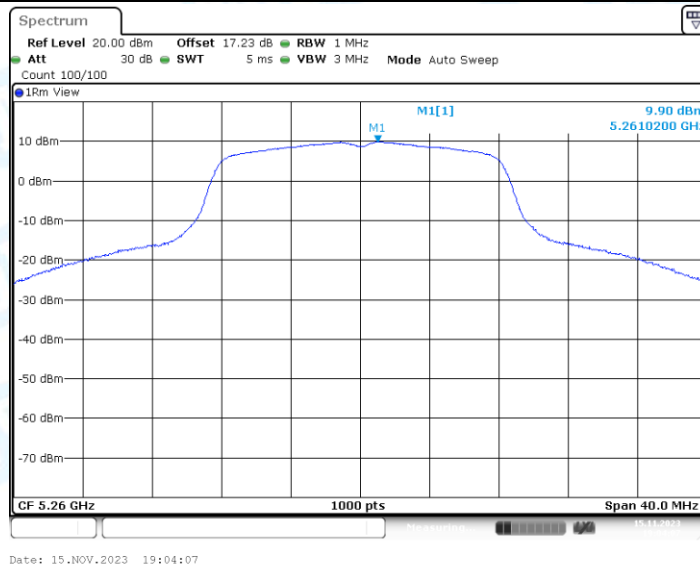
11A_Ant2_5240



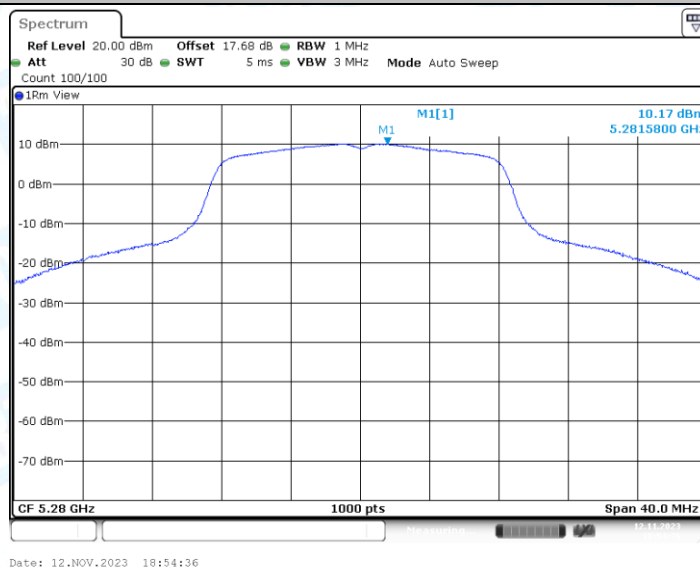
11A_Ant1_5260



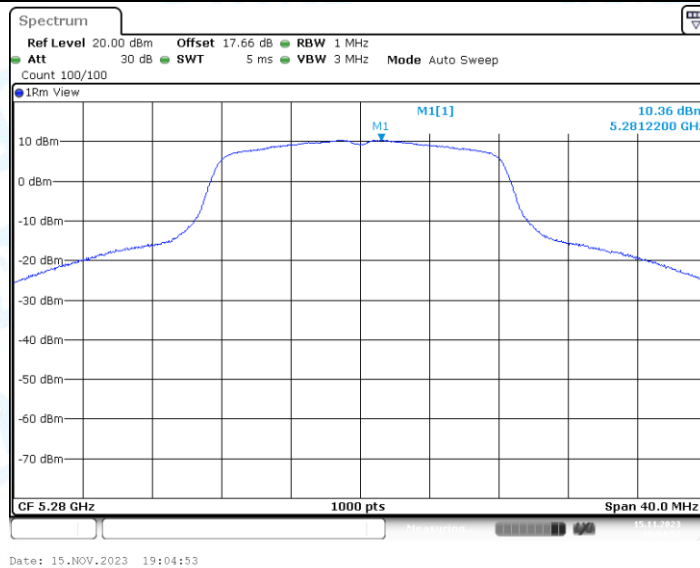
11A_Ant2_5260



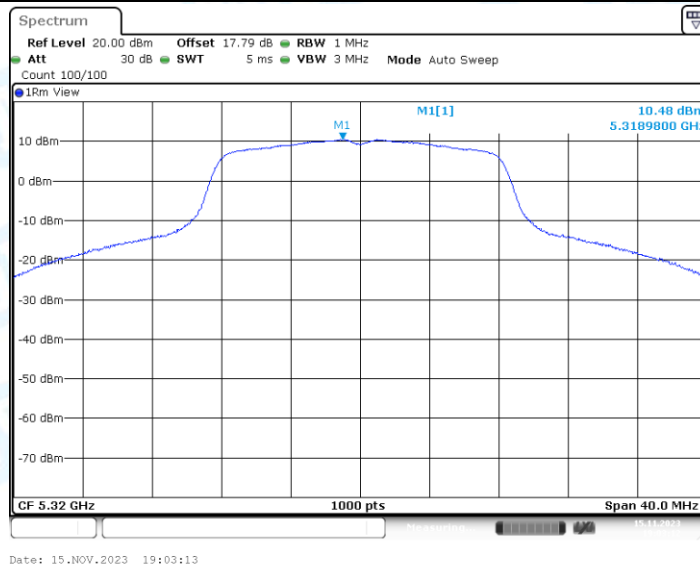
11A_Ant1_5280



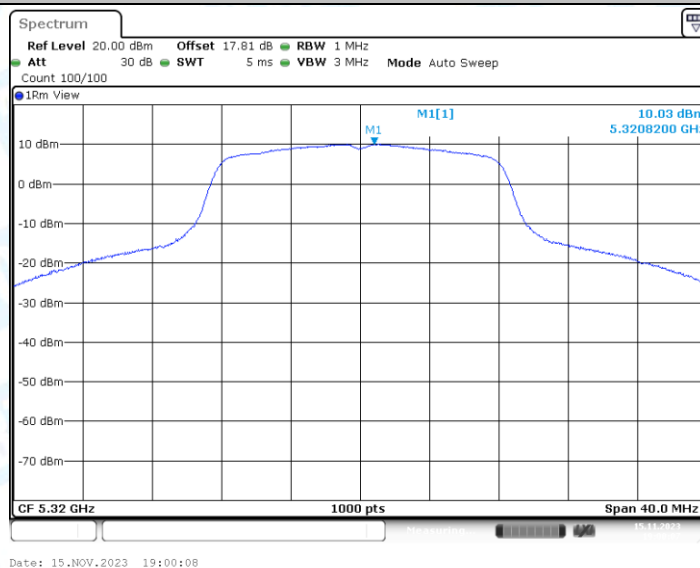
11A_Ant2_5280



11A_Ant1_5320



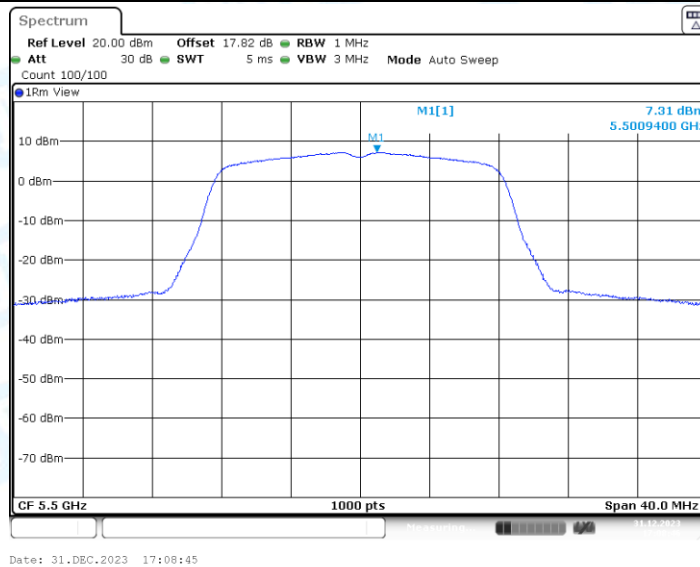
11A_Ant2_5320



11A_Ant1_5500



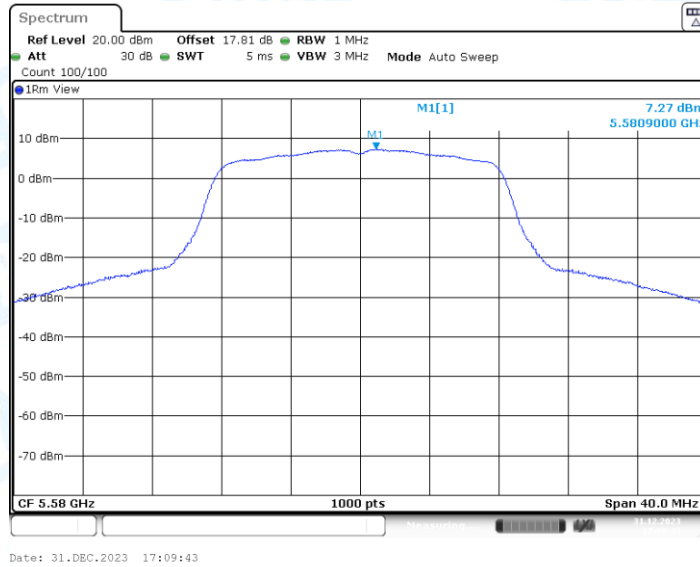
11A_Ant2_5500



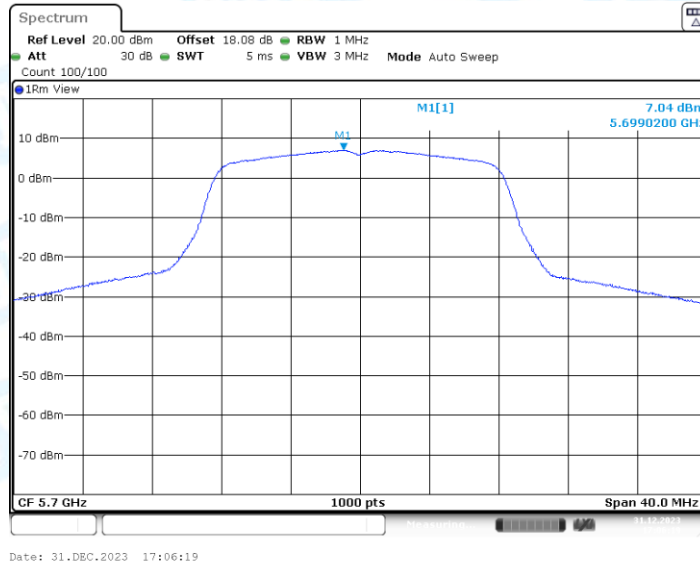
11A_Ant1_5580



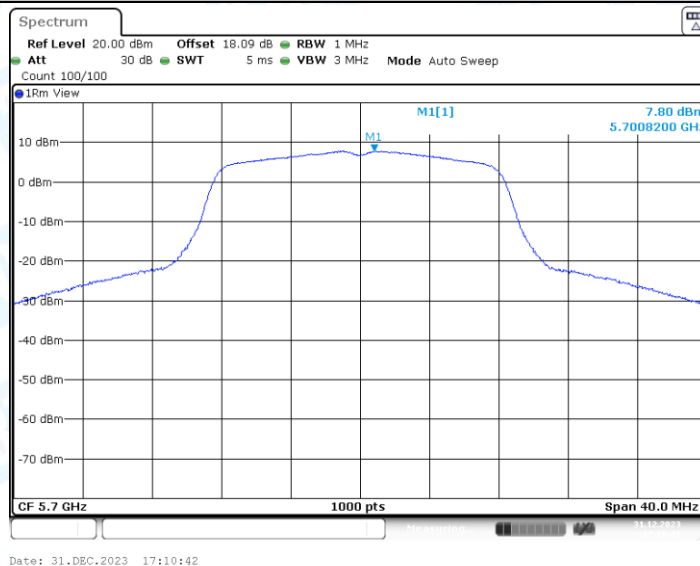
11A_Ant2_5580



11A_Ant1_5700



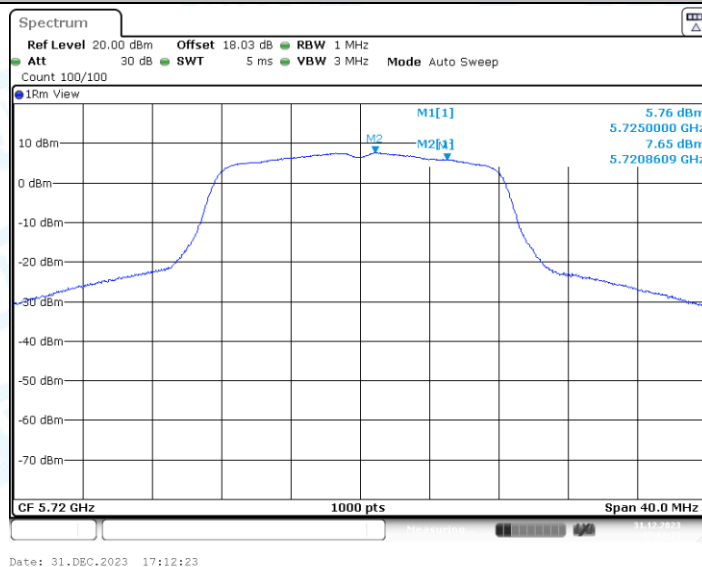
11A_Ant2_5700



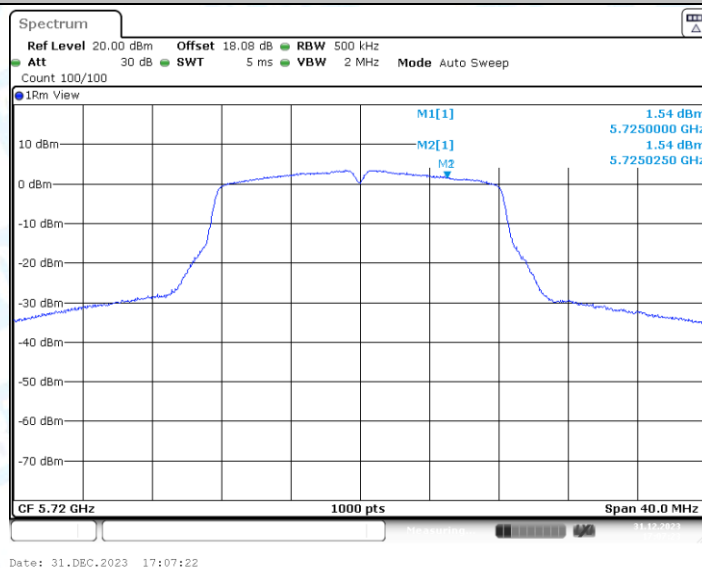
11A_Ant1_5720_UNII-2C



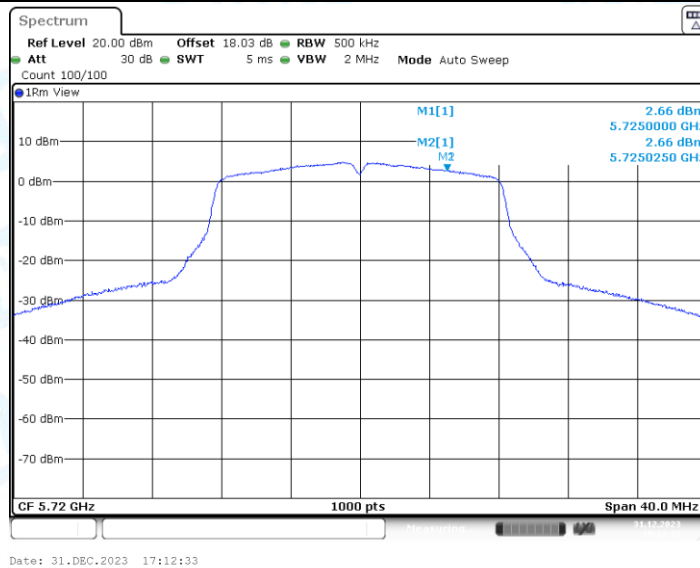
11A_Ant2_5720_UNII-2C



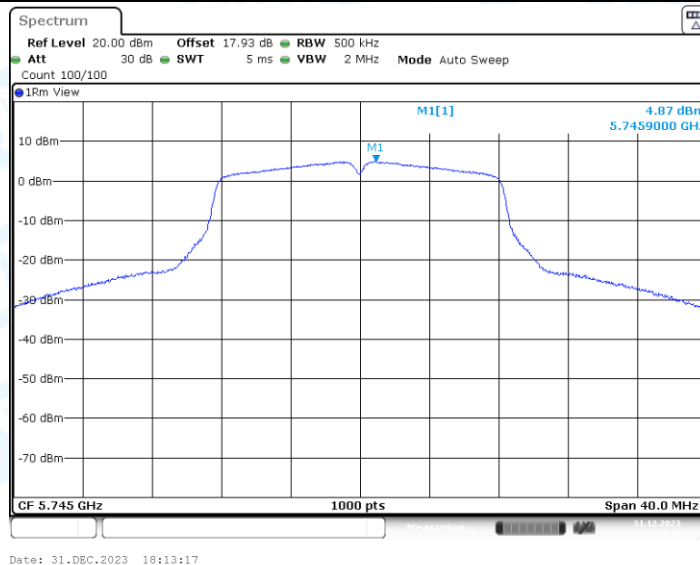
11A_Ant1_5720_UNII-3



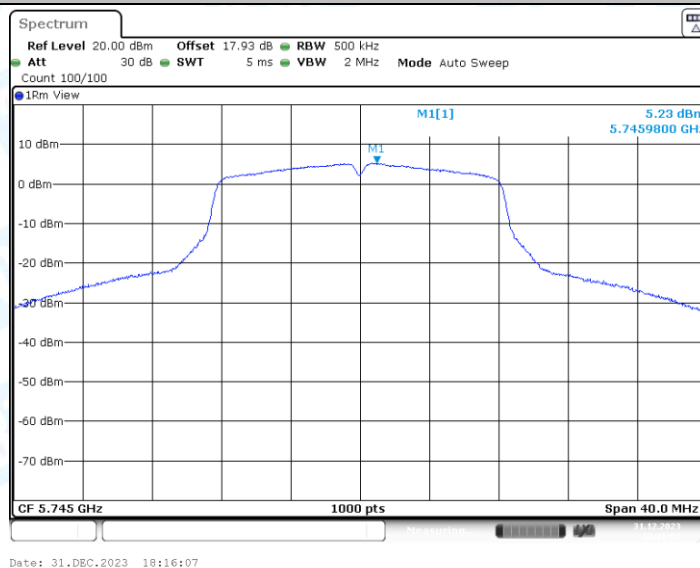
11A_Ant2_5720_UNII-3



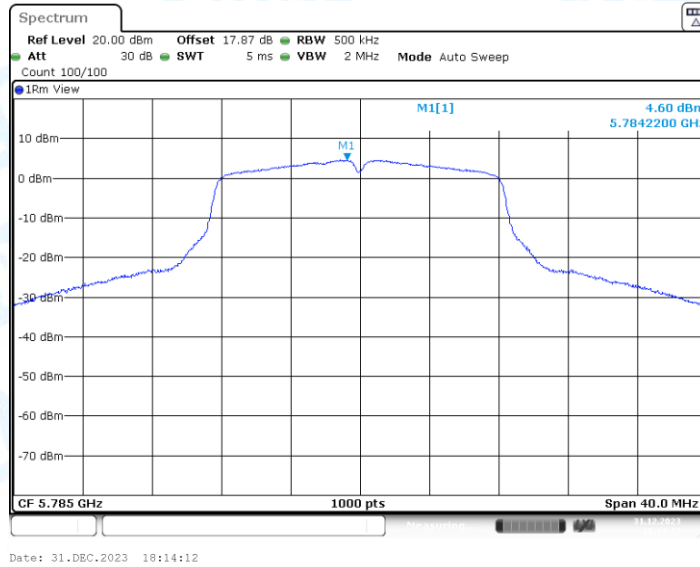
11A_Ant1_5745



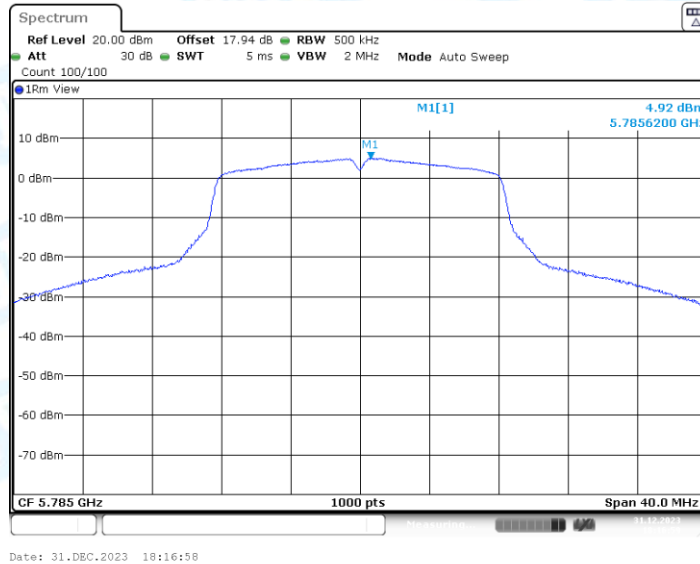
11A_Ant2_5745



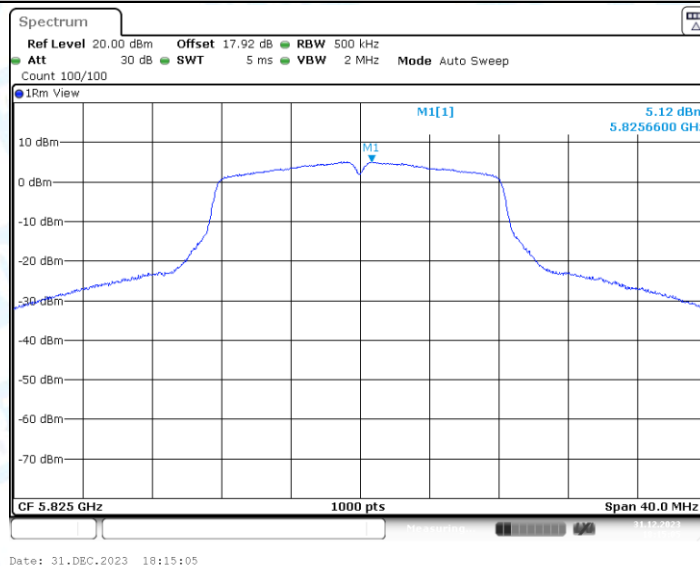
11A_Ant1_5785



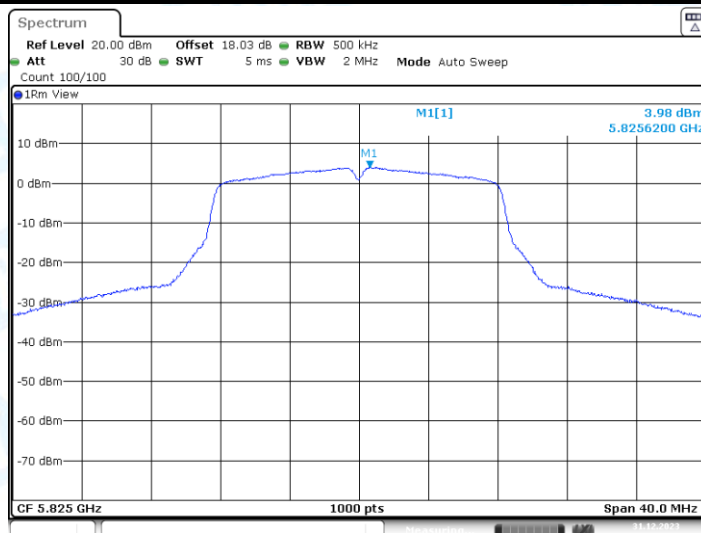
11A_Ant2_5785



11A_Ant1_5825

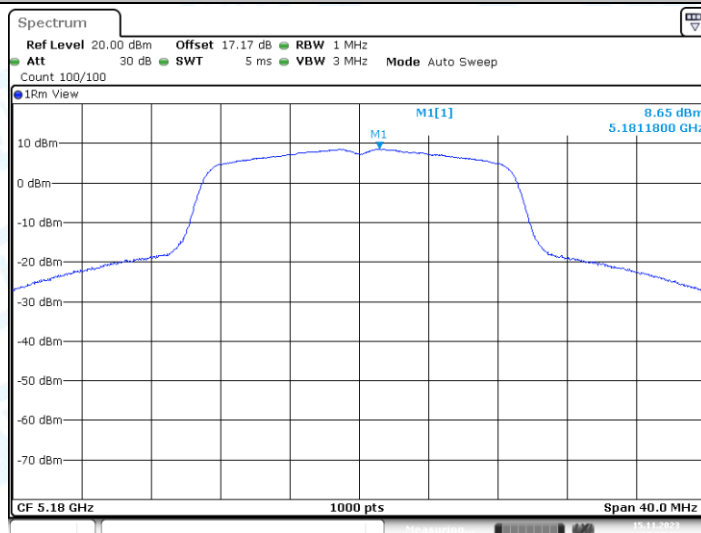


11A_Ant2_5825



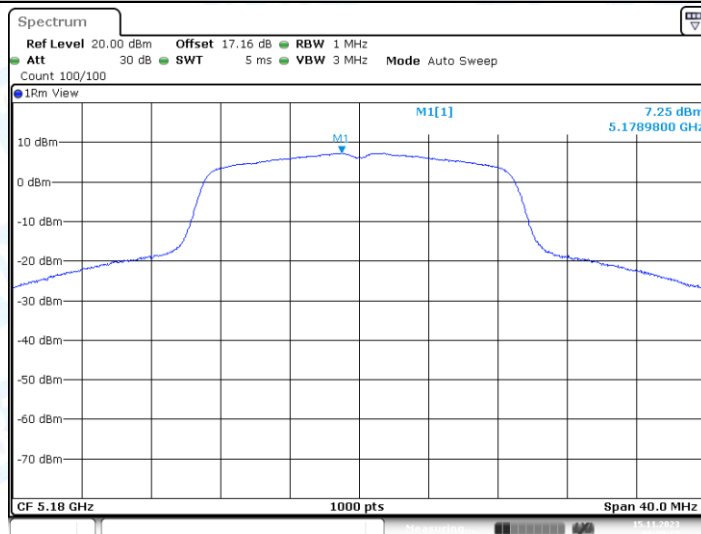
Date: 31.DEC.2023 18:17:52

11N20MIMO_Ant1_5180



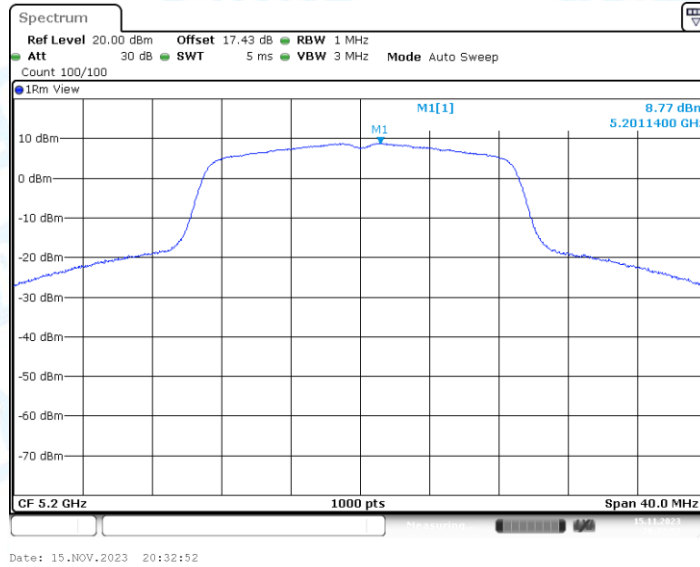
Date: 15.NOV.2023 20:27:30

11N20MIMO_Ant2_5180

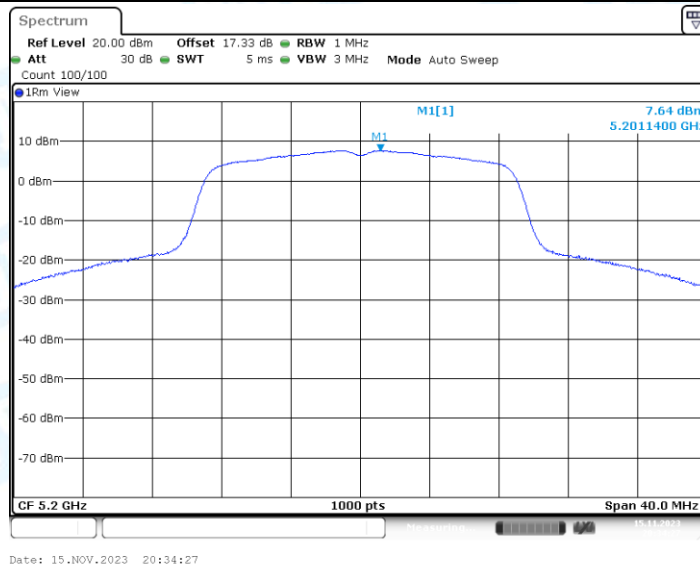


Date: 15.NOV.2023 20:29:18

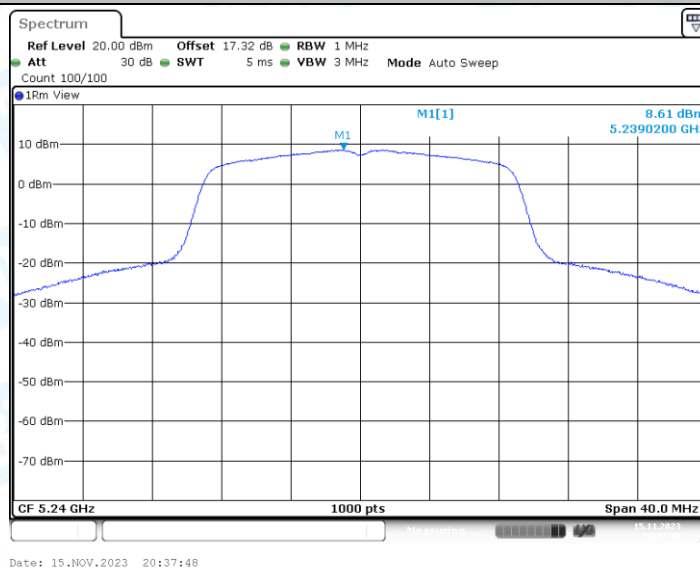
11N20MIMO_Ant1_5200



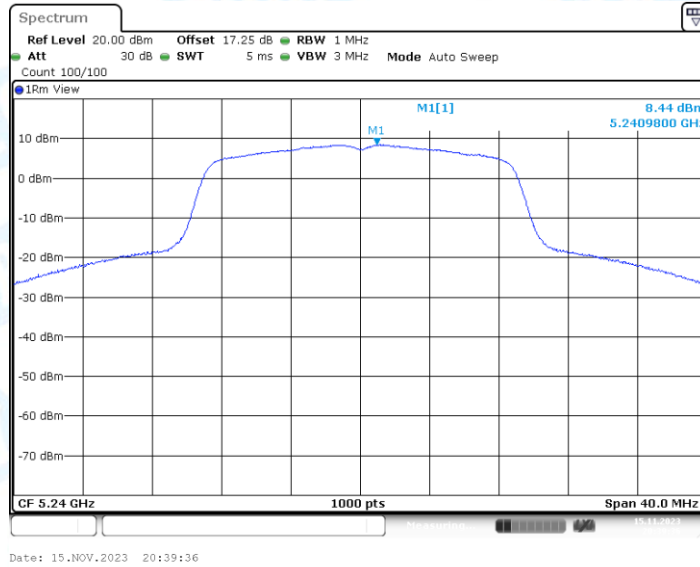
11N20MIMO_Ant2_5200



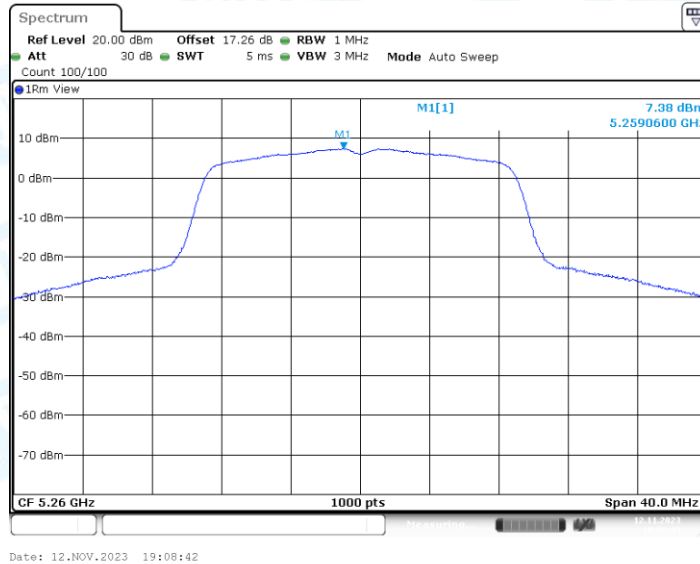
11N20MIMO_Ant1_5240



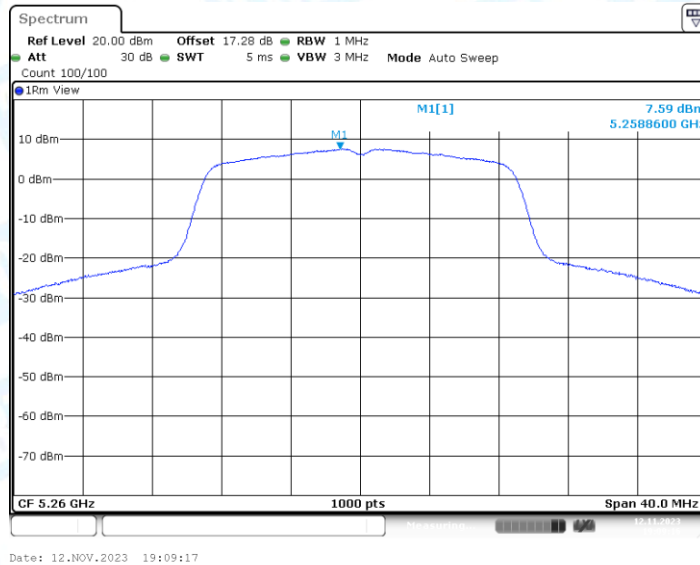
11N20MIMO_Ant2_5240



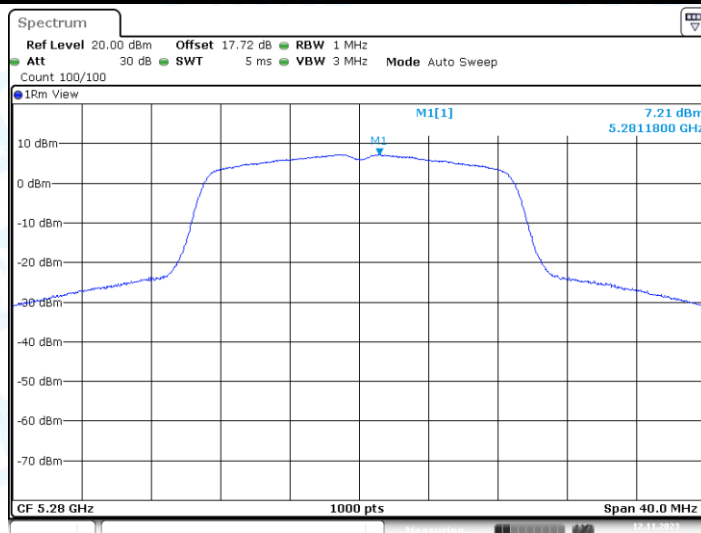
11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260

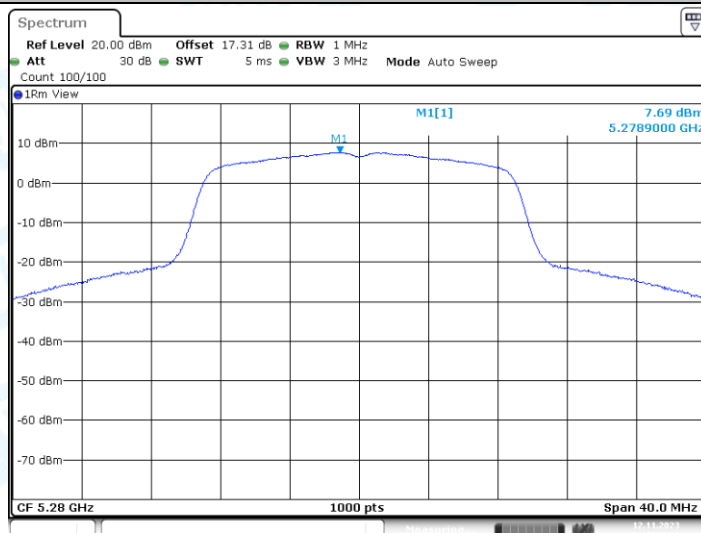


11N20MIMO_Ant1_5280



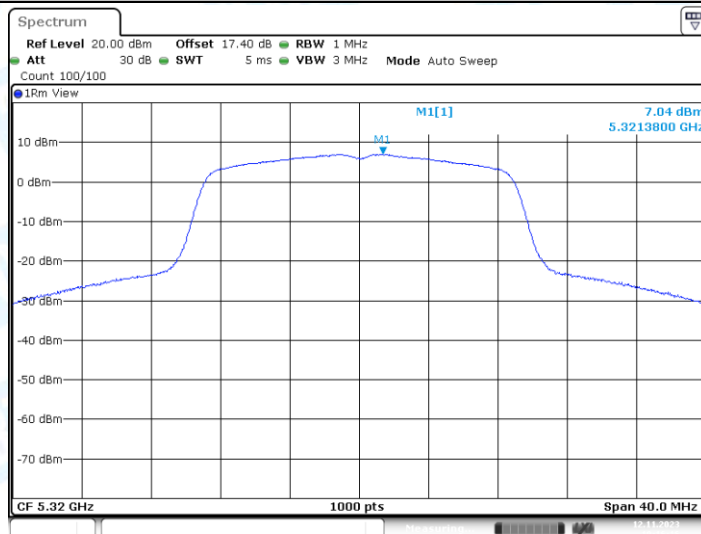
Date: 12.NOV.2023 19:10:42

11N20MIMO_Ant2_5280



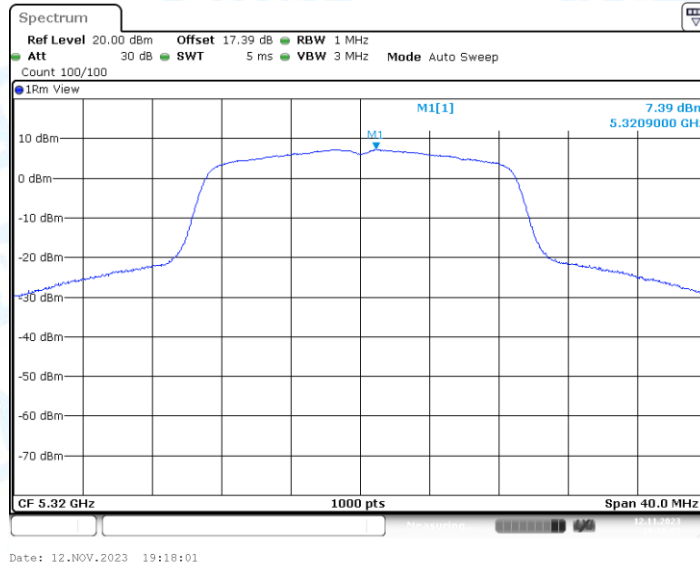
Date: 12.NOV.2023 19:14:19

11N20MIMO_Ant1_5320

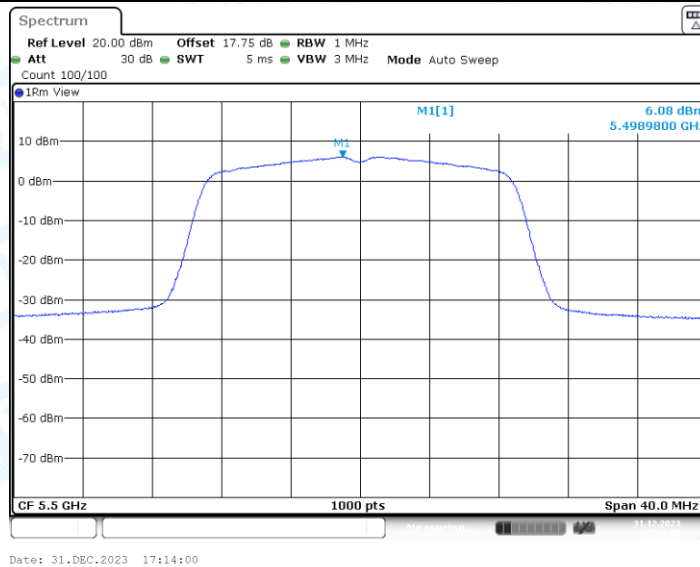


Date: 12.NOV.2023 19:16:15

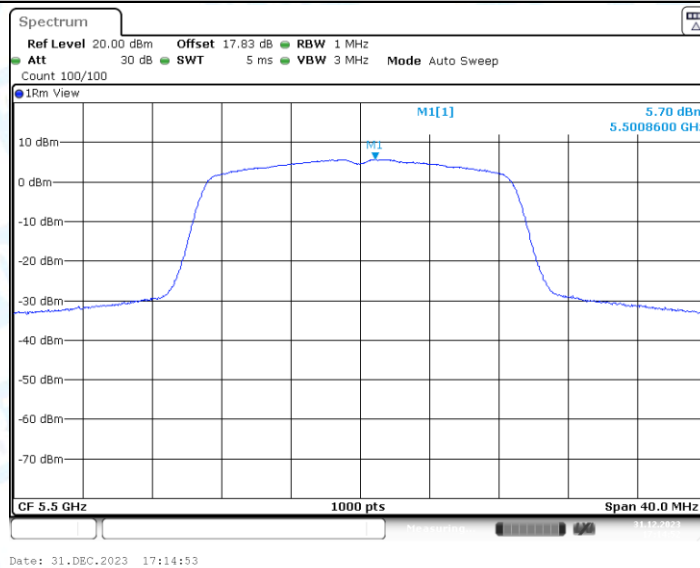
11N20MIMO_Ant2_5320



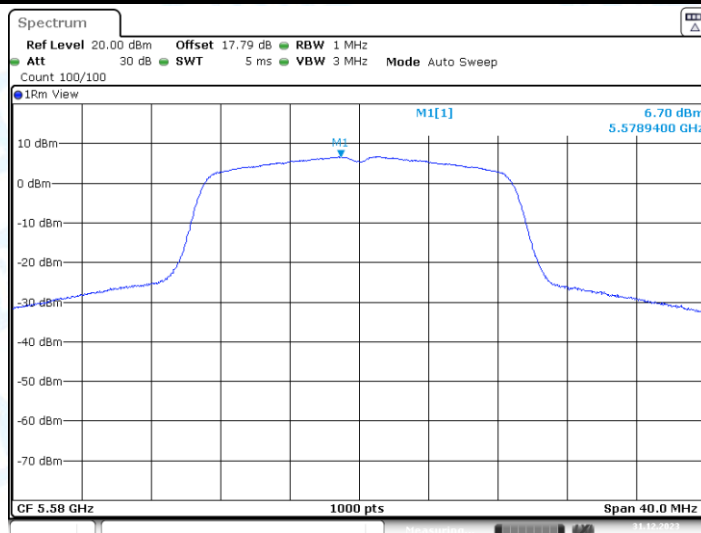
11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500

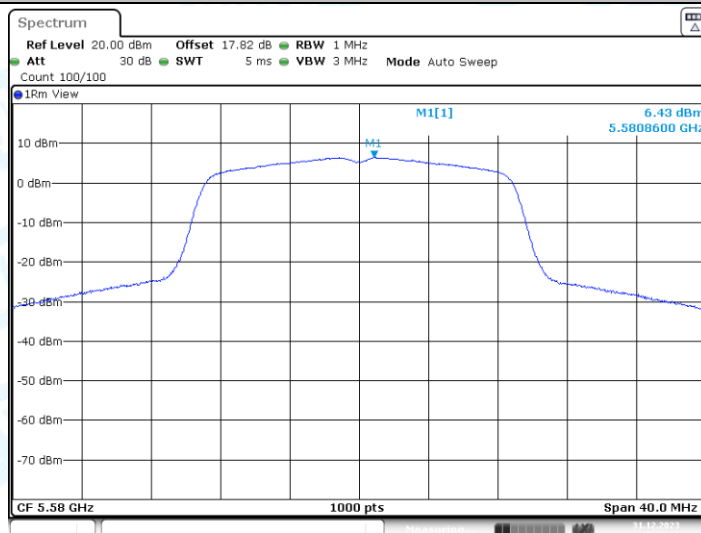


11N20MIMO_Ant1_5580



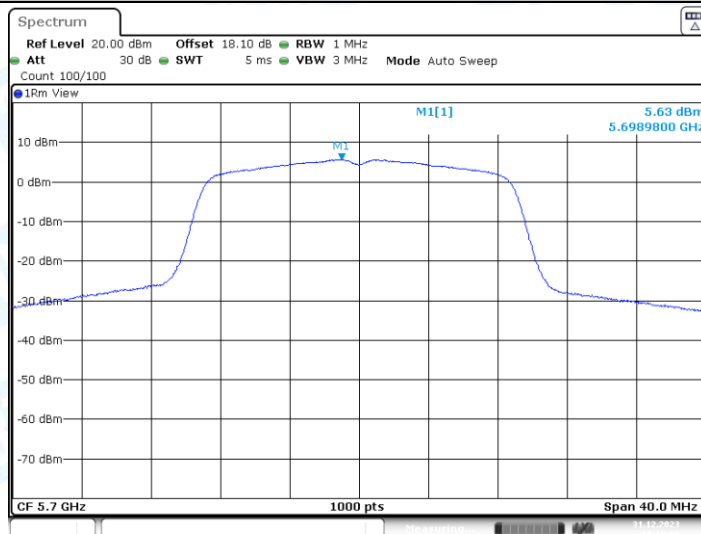
Date: 31.DEC.2023 17:39:19

11N20MIMO_Ant2_5580



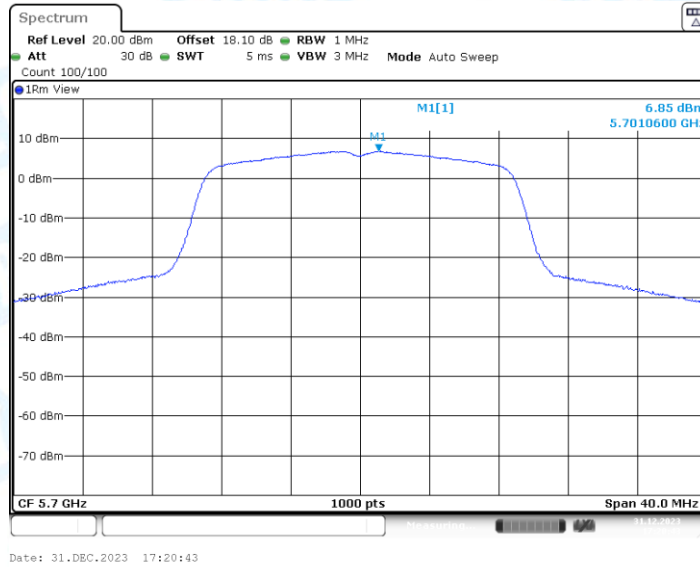
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11N20MIMO_Ant1_5700

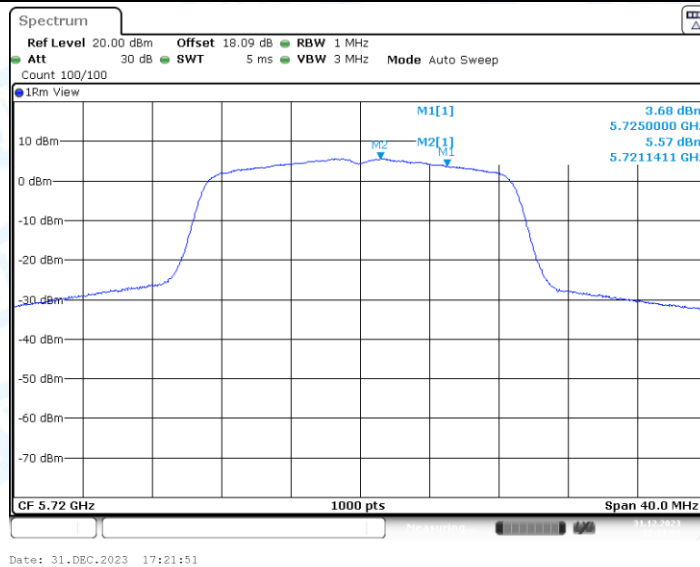


Date: 31.DEC.2023 17:19:50

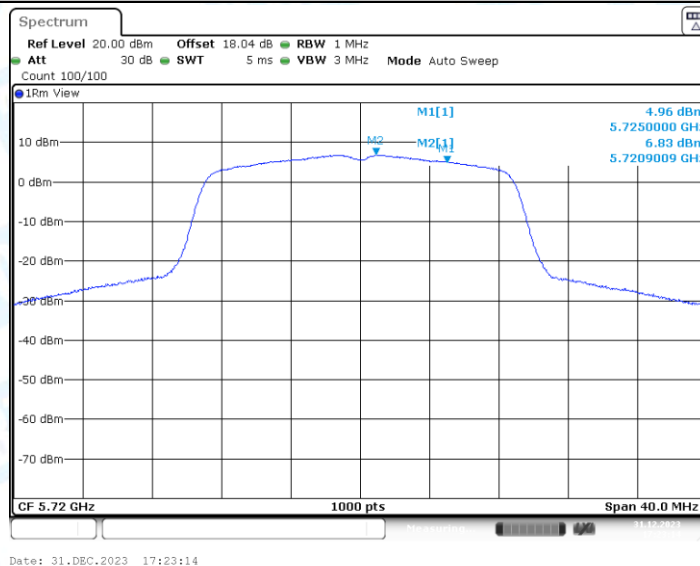
11N20MIMO_Ant2_5700



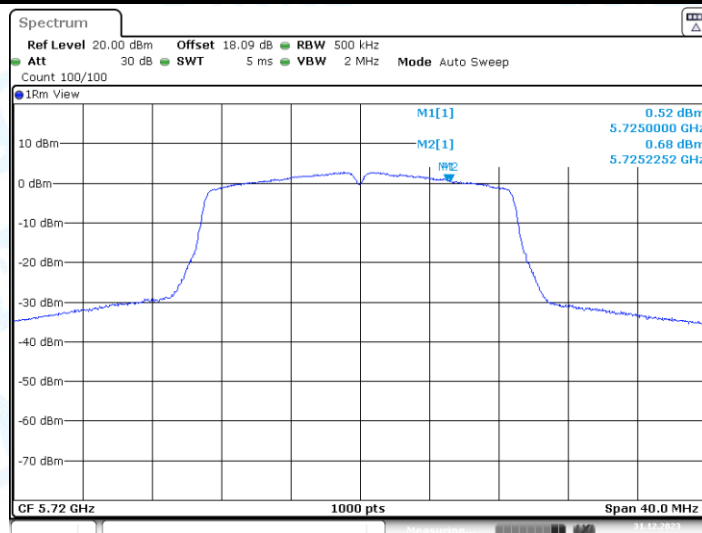
11N20MIMO_Ant1_5720_UNII-2C



11N20MIMO_Ant2_5720_UNII-2C

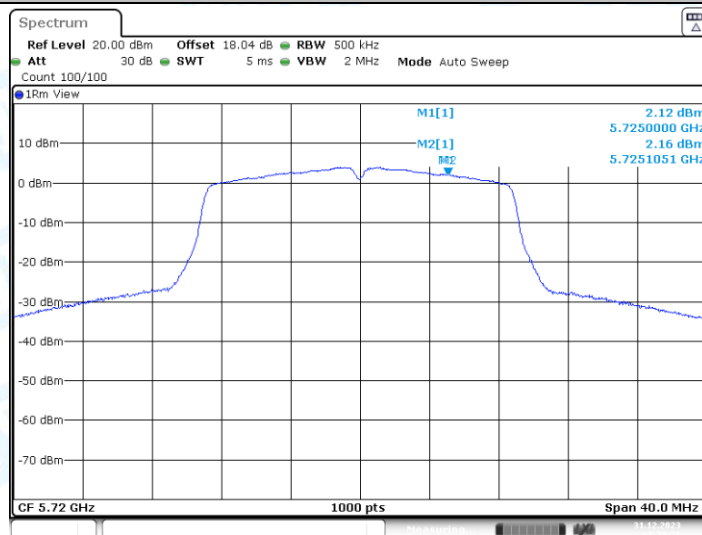


11N20MIMO_Ant1_5720_UNII-3



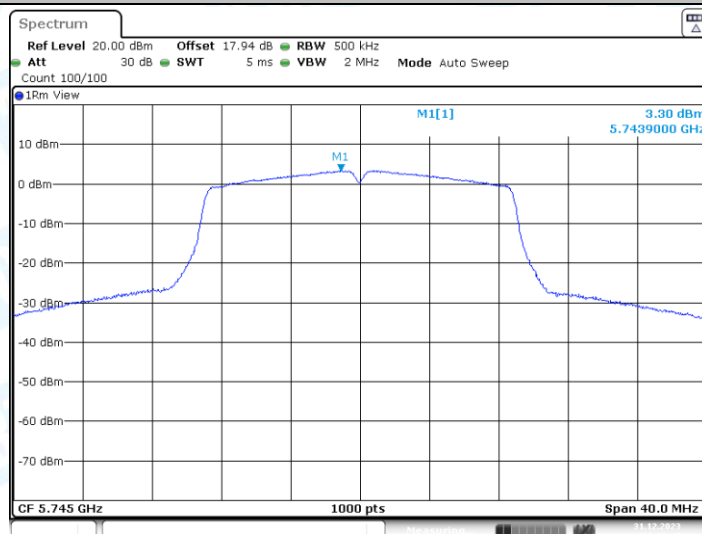
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11N20MIMO_Ant2_5720_UNII-3



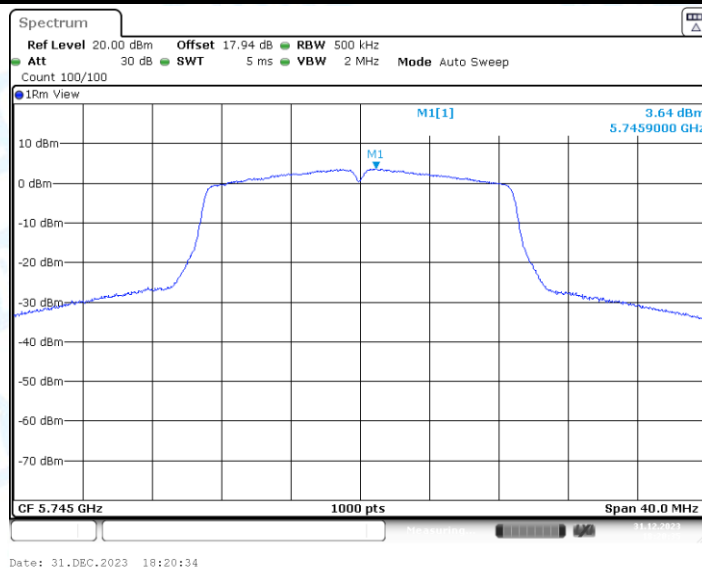
Date: 31.DEC.2023 17:23:25

11N20MIMO_Ant1_5745

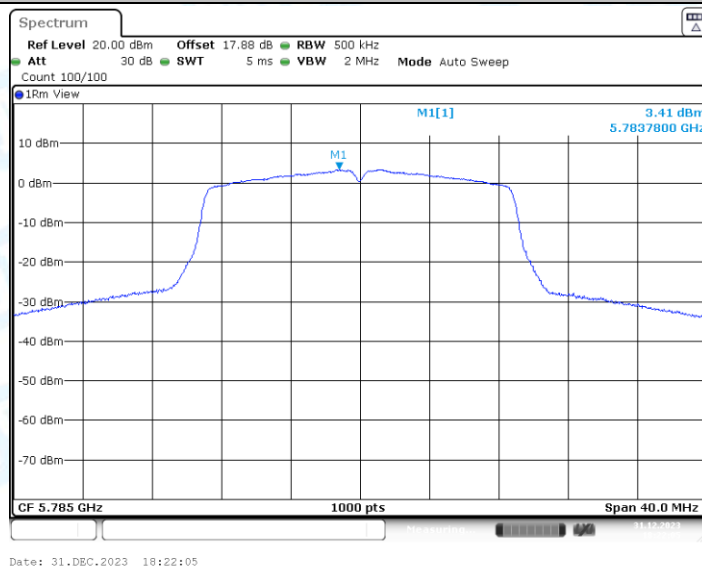


Date: 31.DEC.2023 18:19:47

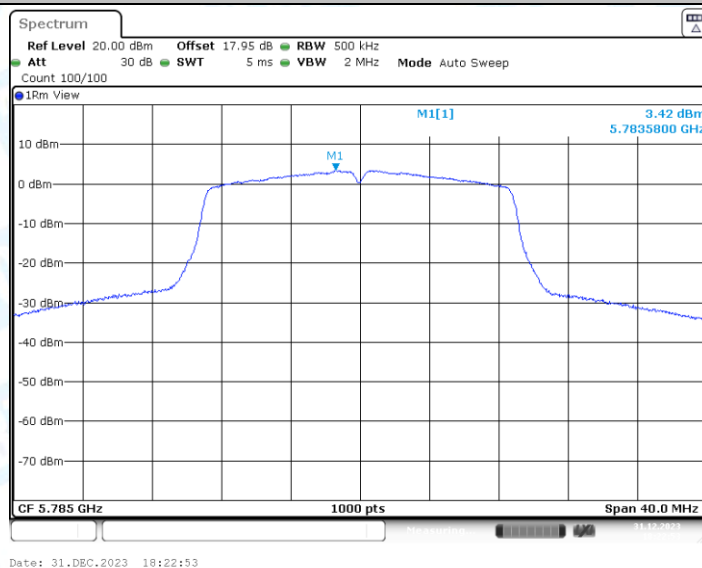
11N20MIMO_Ant2_5745



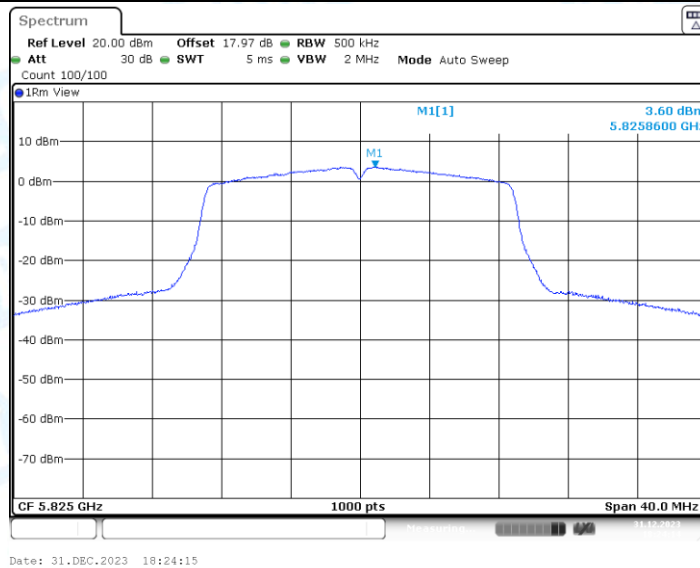
11N20MIMO_Ant1_5785



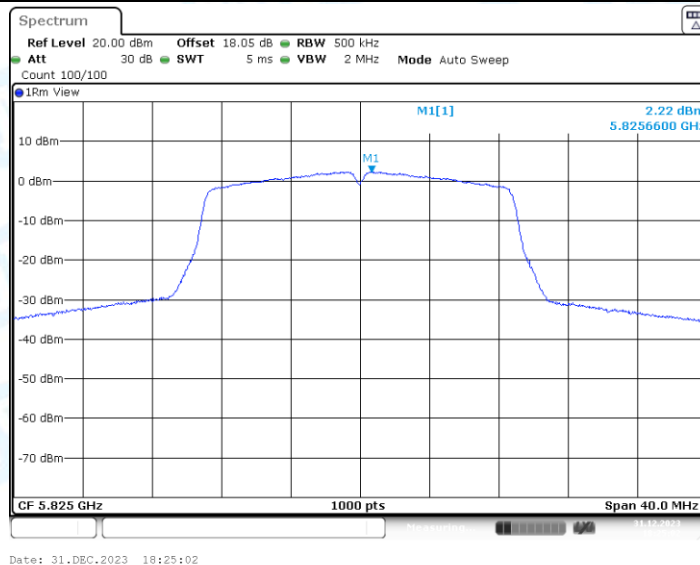
11N20MIMO_Ant2_5785



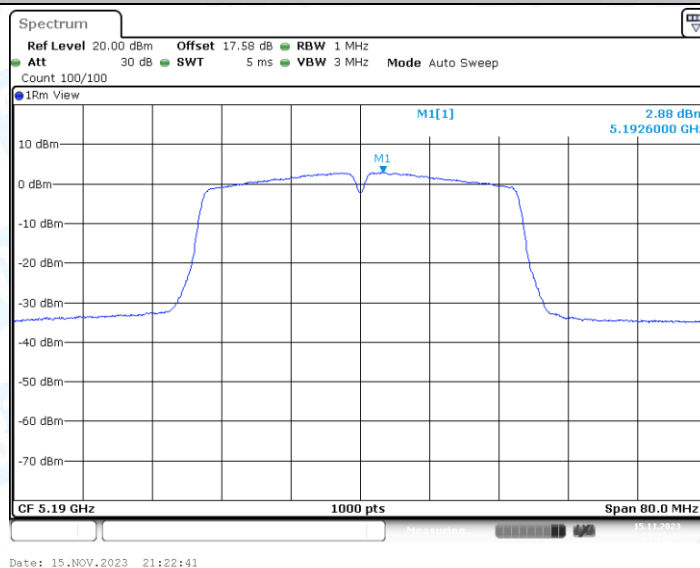
11N20MIMO_Ant1_5825



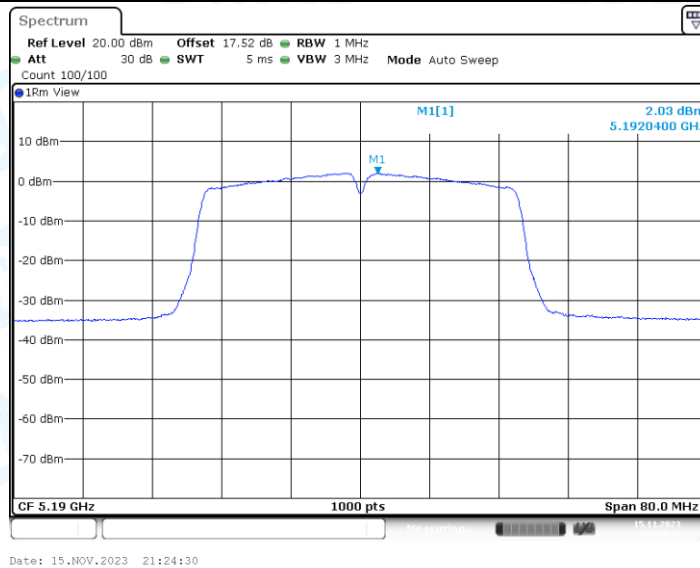
11N20MIMO_Ant2_5825



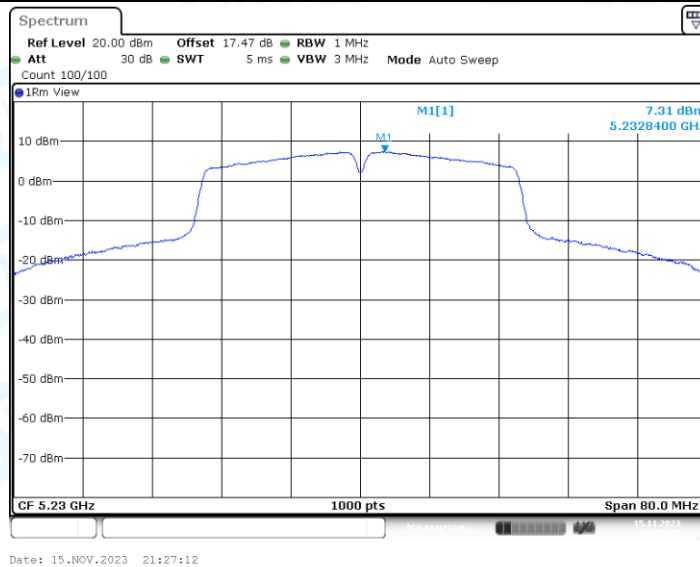
11N40MIMO_Ant1_5190



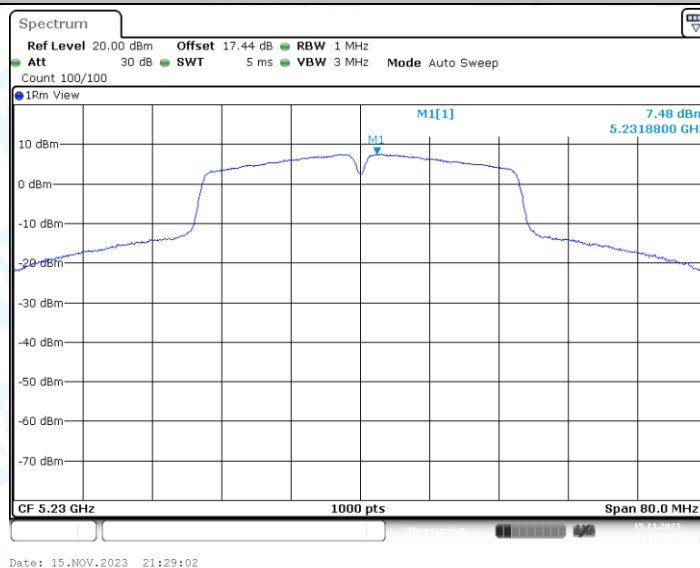
11N40MIMO_Ant2_5190



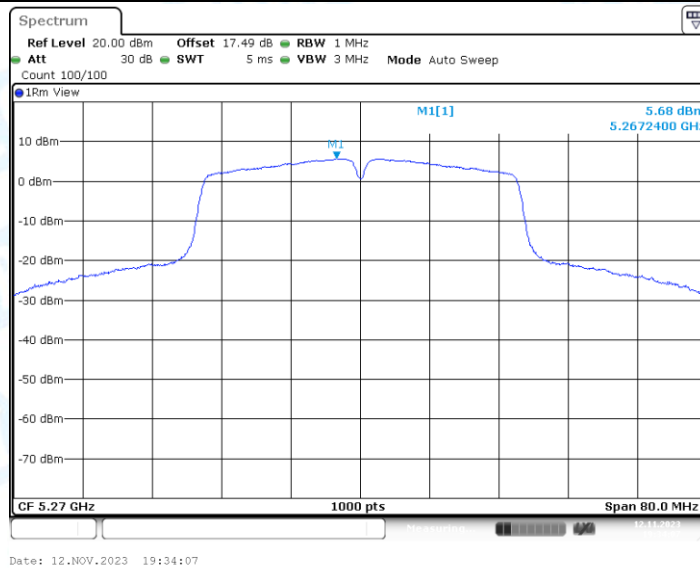
11N40MIMO_Ant1_5230



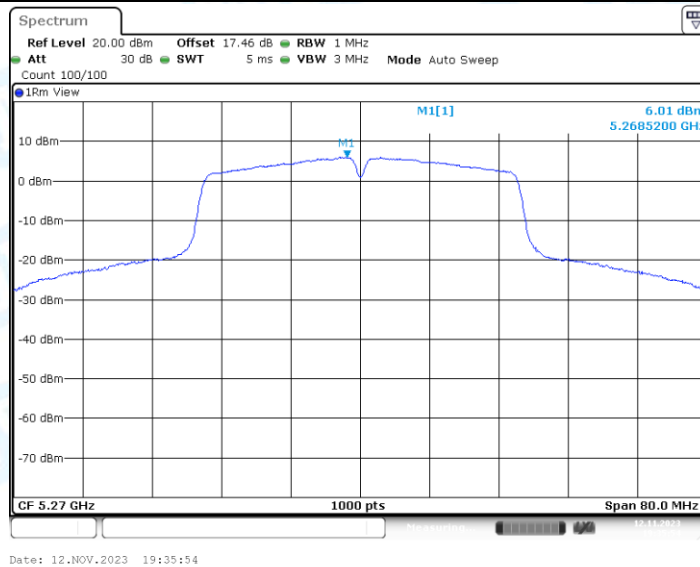
11N40MIMO_Ant2_5230



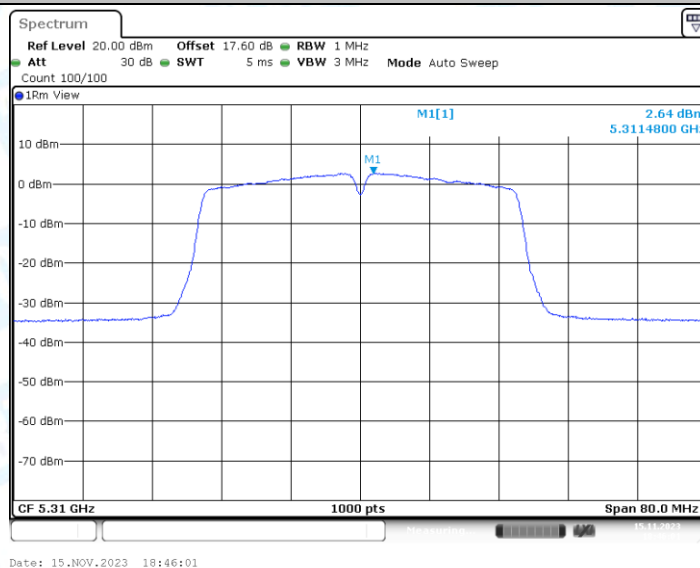
11N40MIMO_Ant1_5270



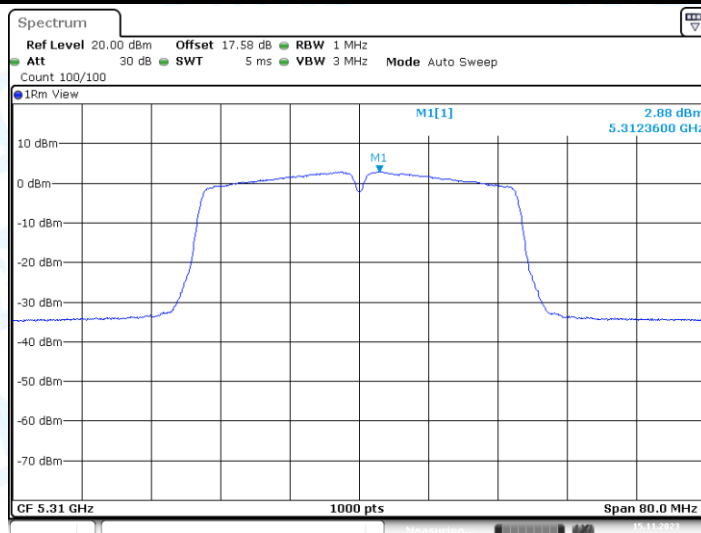
11N40MIMO_Ant2_5270



11N40MIMO_Ant1_5310

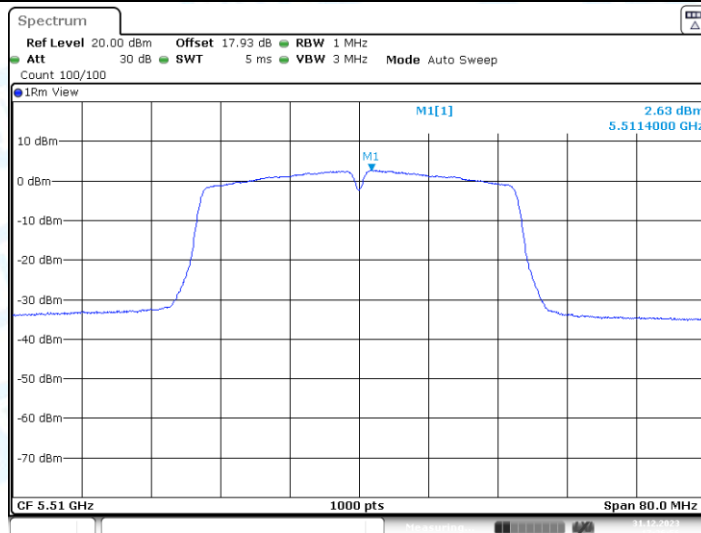


11N40MIMO_Ant2_5310



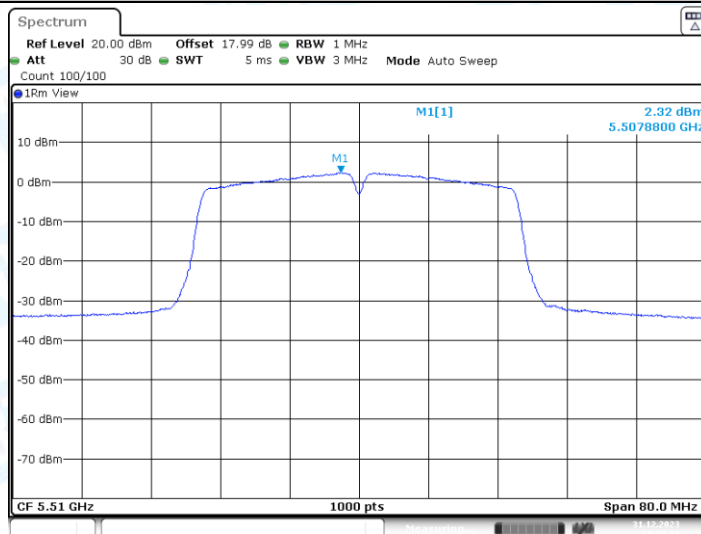
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11N40MIMO_Ant1_5510



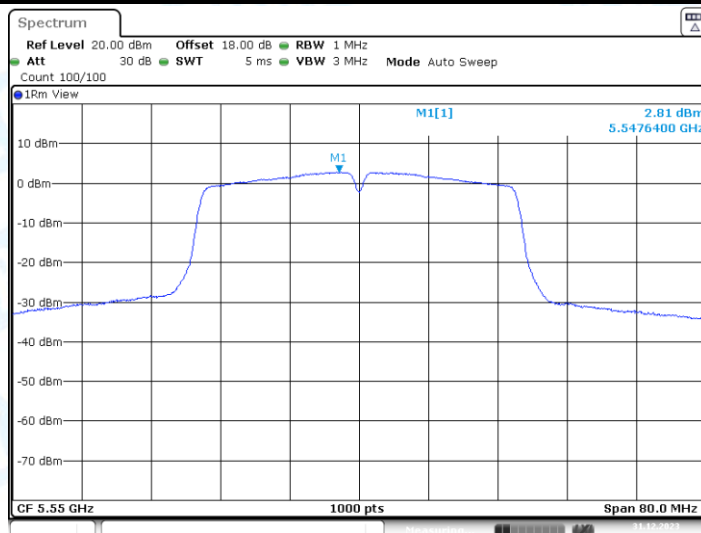
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11N40MIMO_Ant2_5510



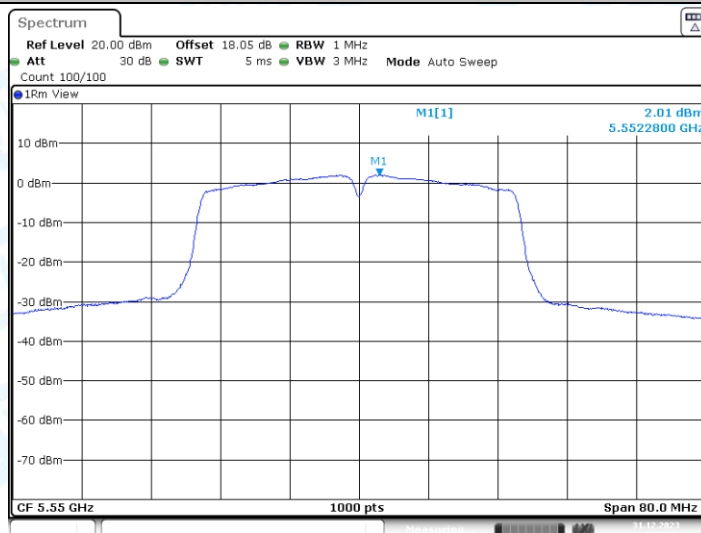
Date: 31.DEC.2023 17:37:23

11N40MIMO_Ant1_5550



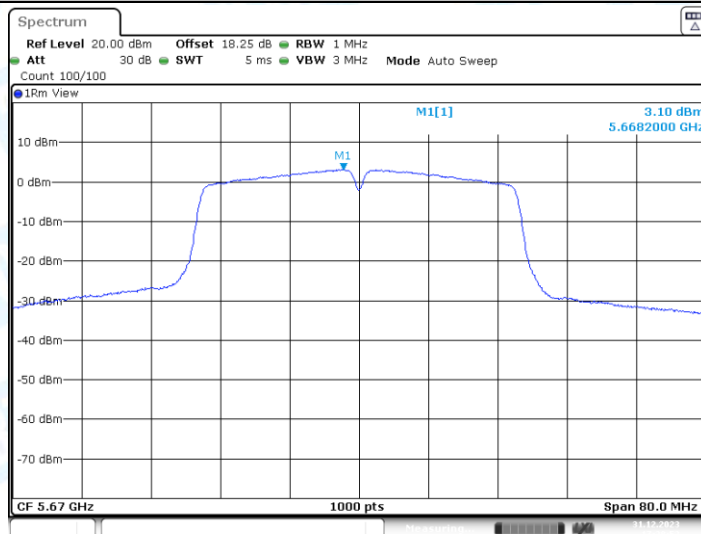
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11N40MIMO_Ant2_5550



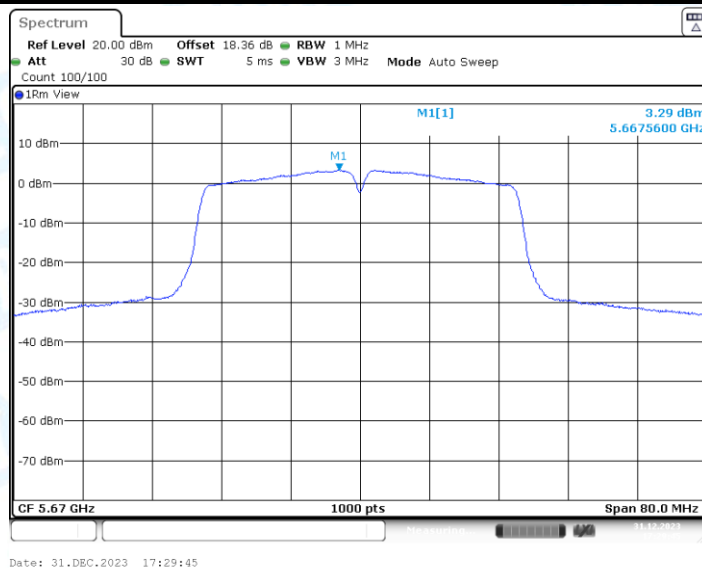
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11N40MIMO_Ant1_5670

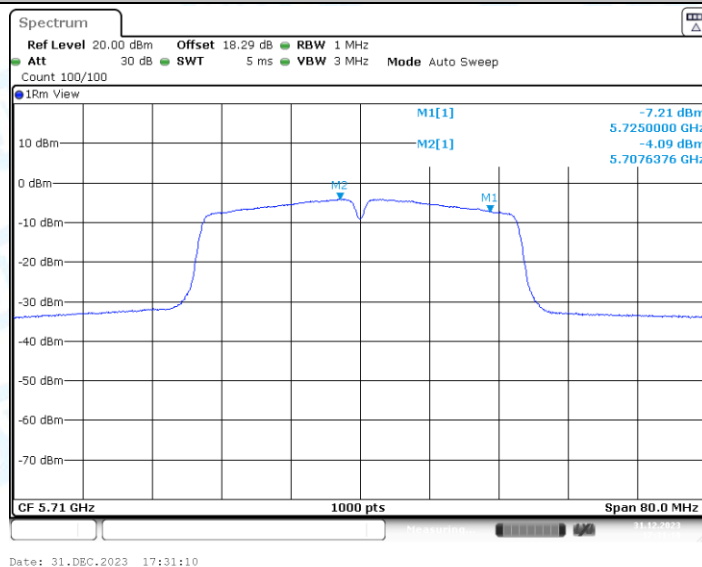


Date: 31.DEC.2023 17:28:52

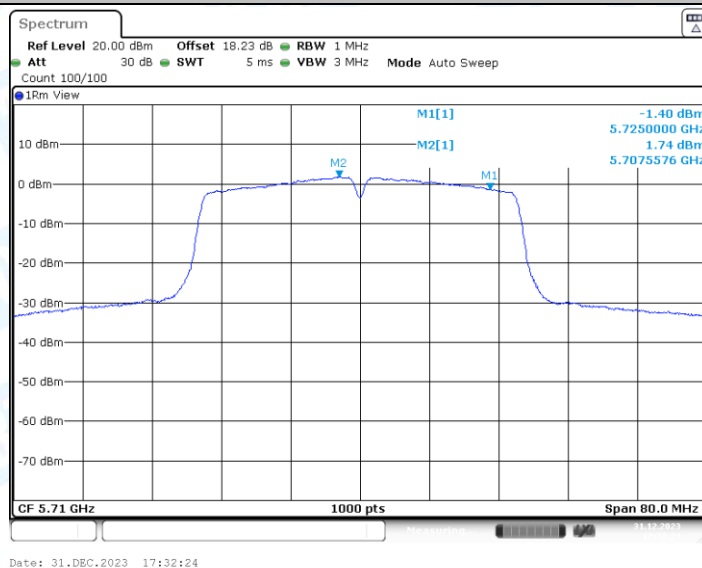
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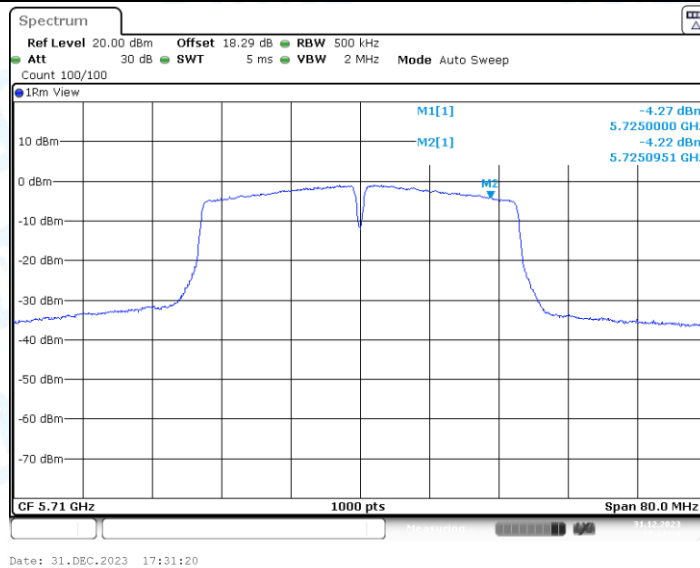
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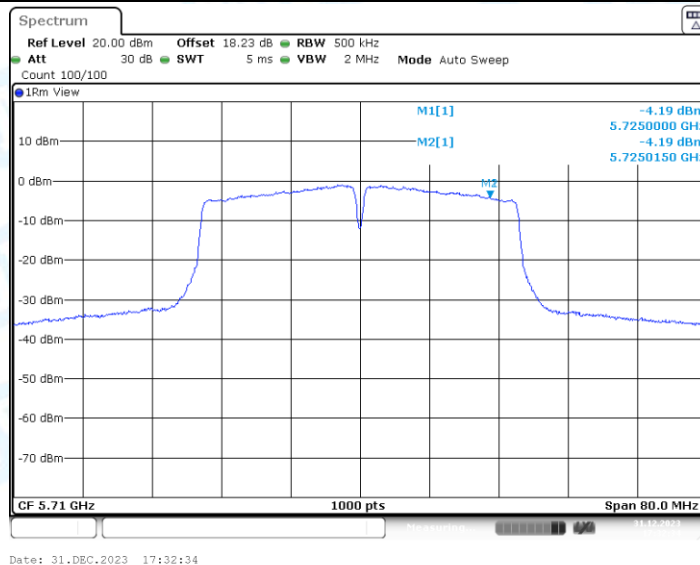
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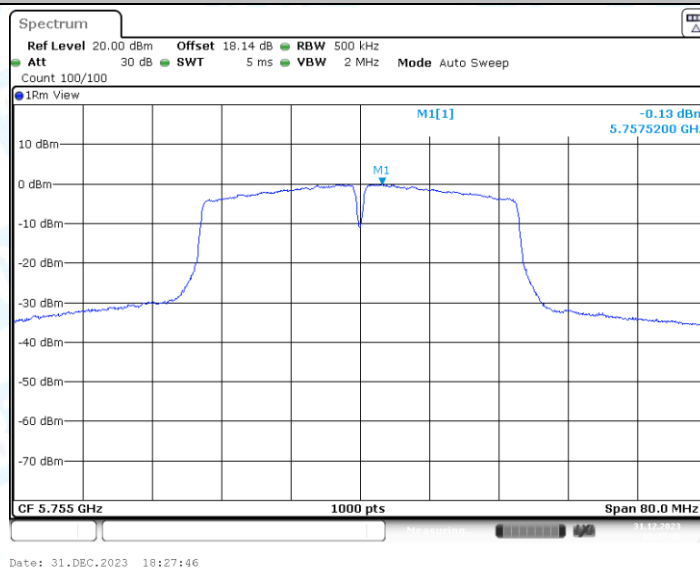
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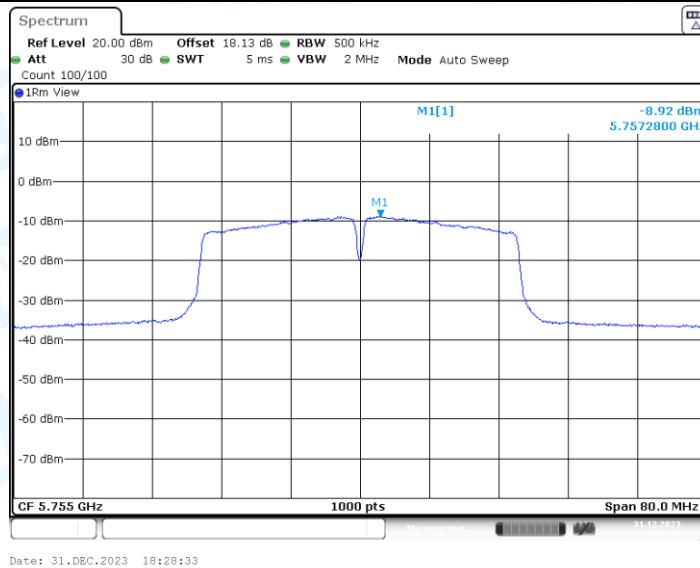
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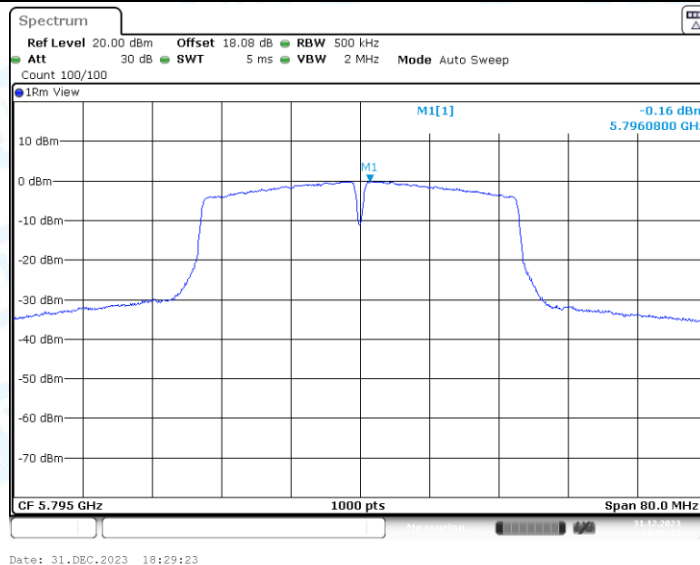
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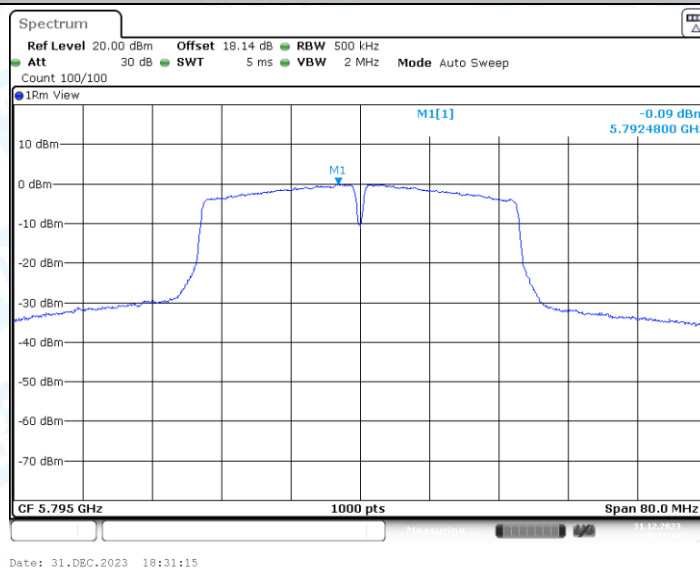
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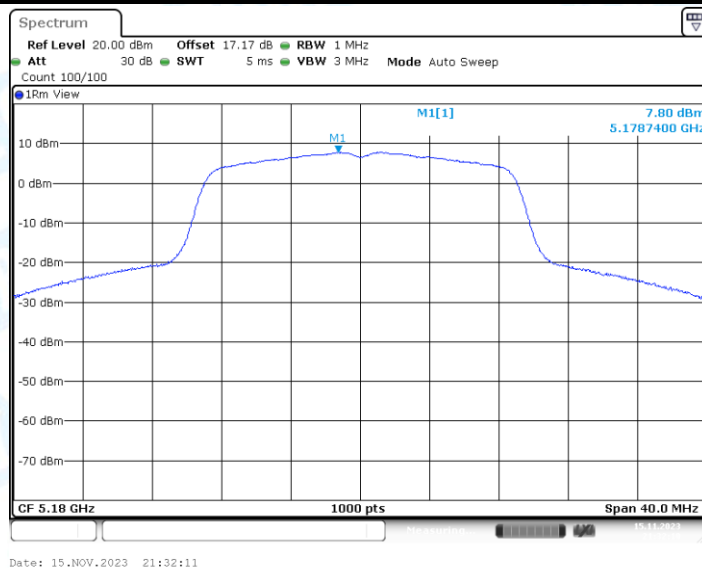
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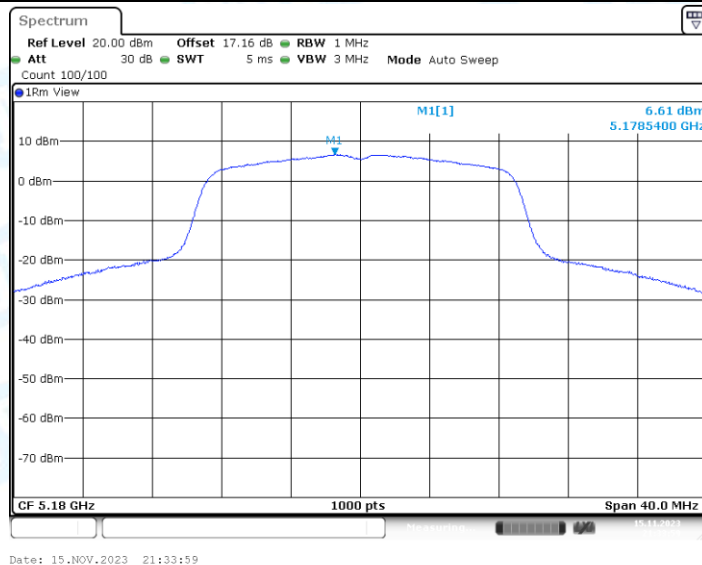
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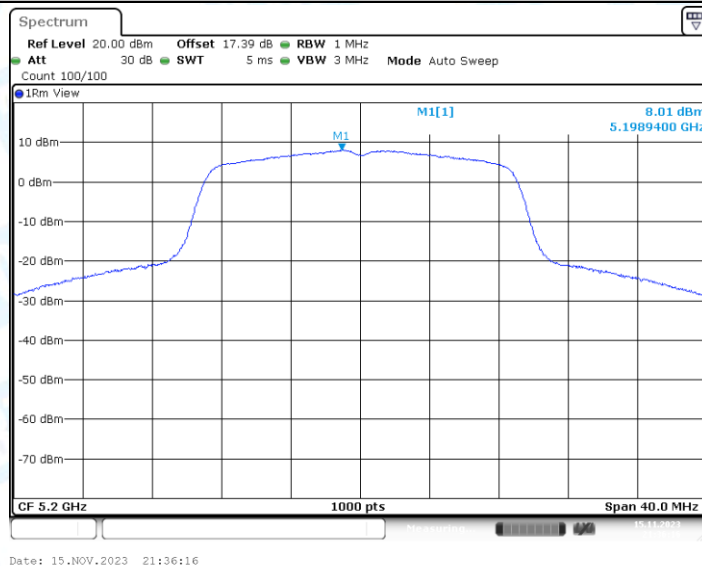
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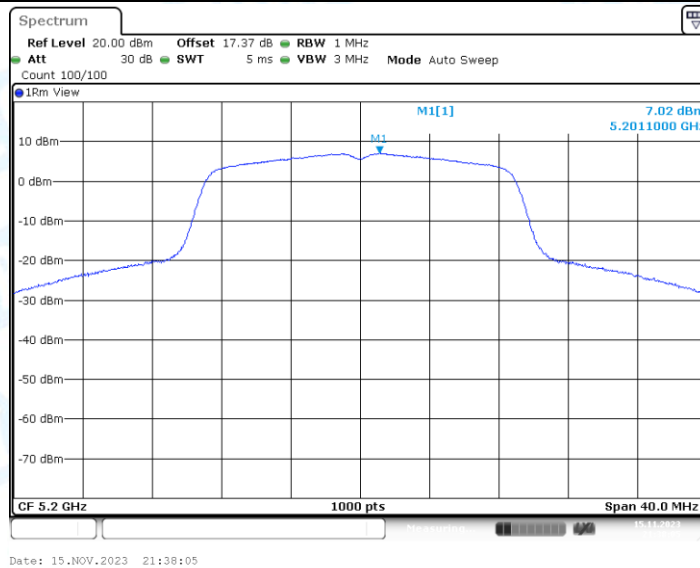
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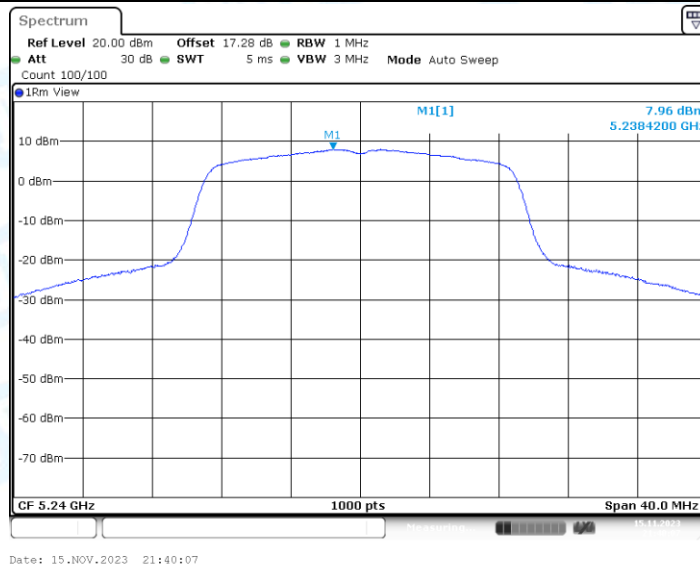
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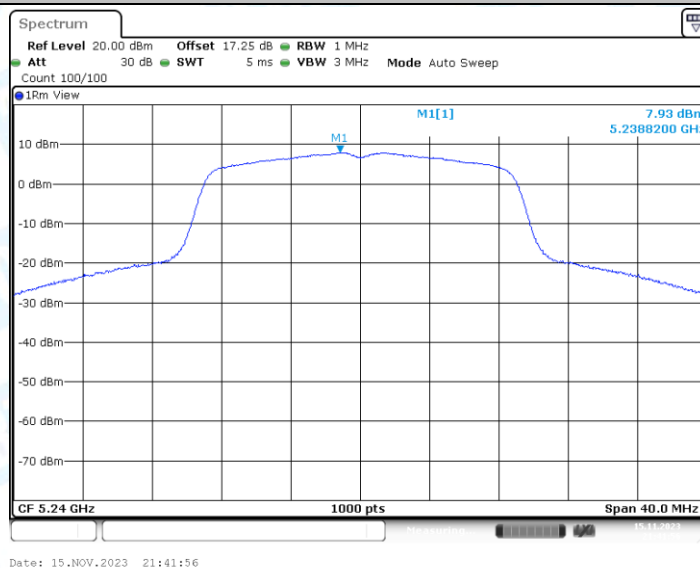
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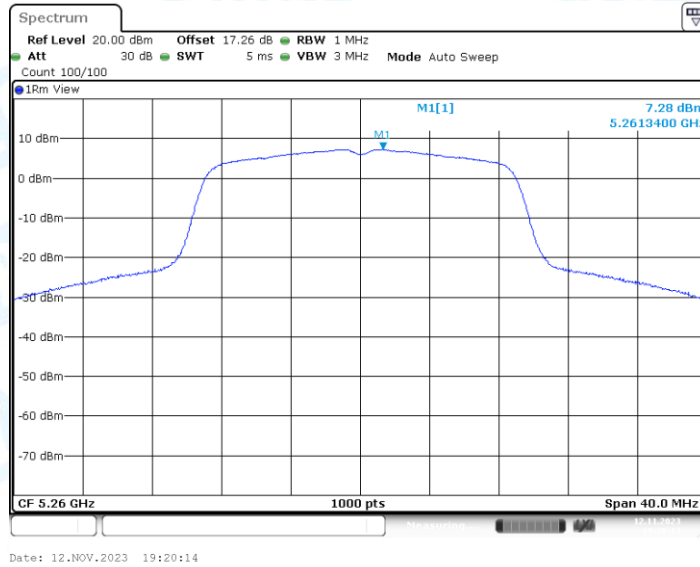
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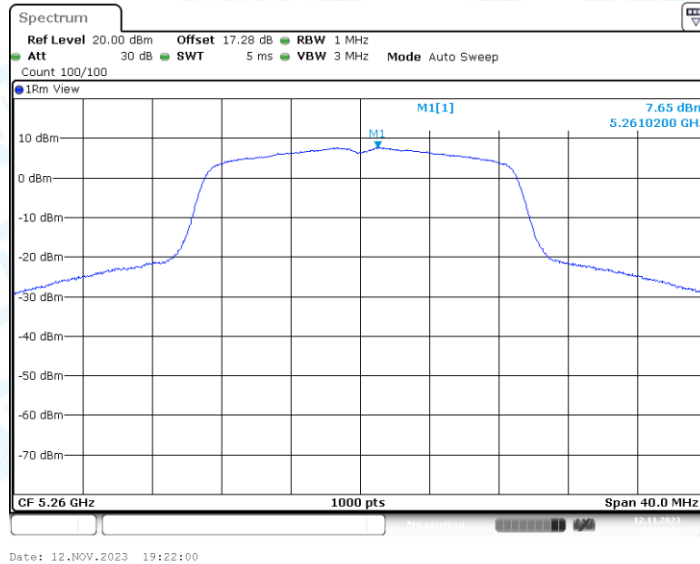
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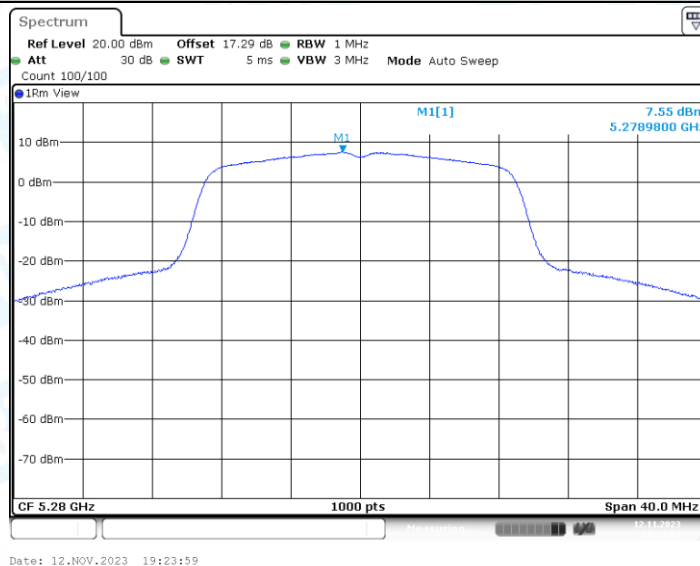
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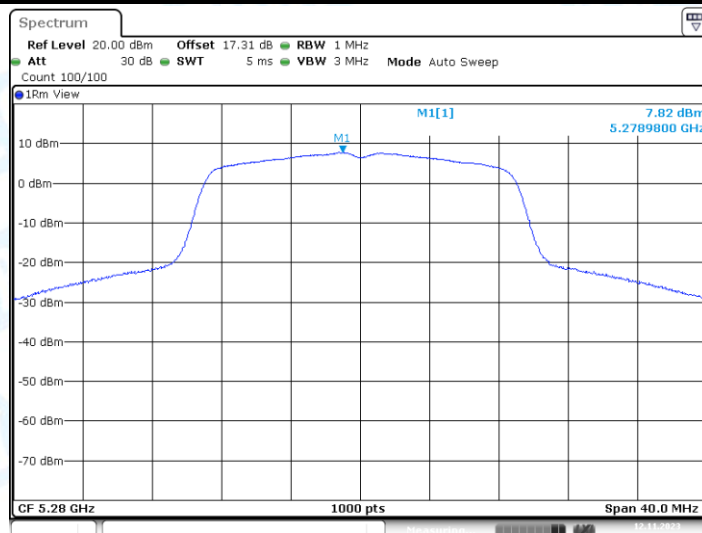
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11AC20MIMO_Ant1_5280

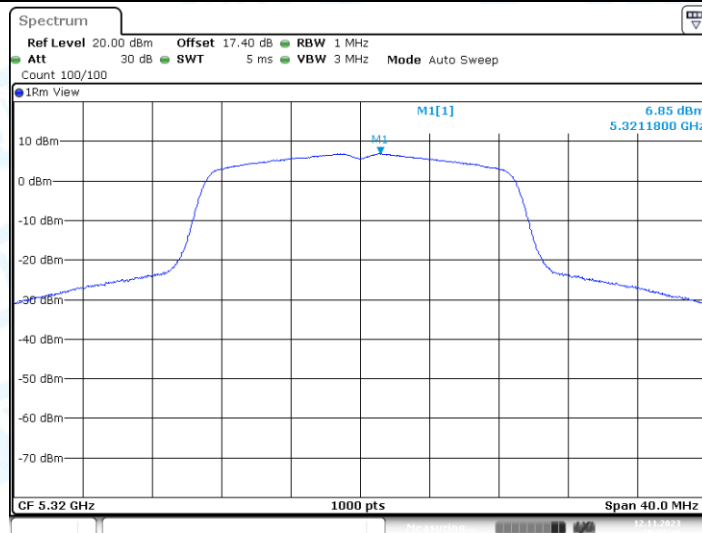


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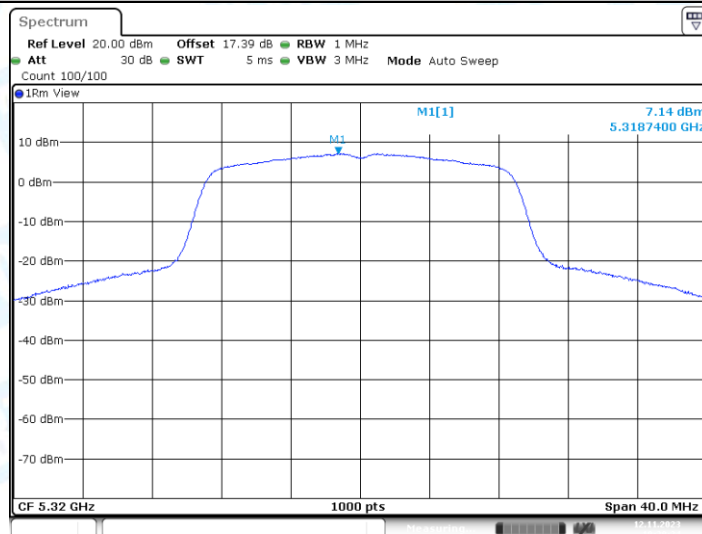
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11AC20MIMO_Ant1_5320



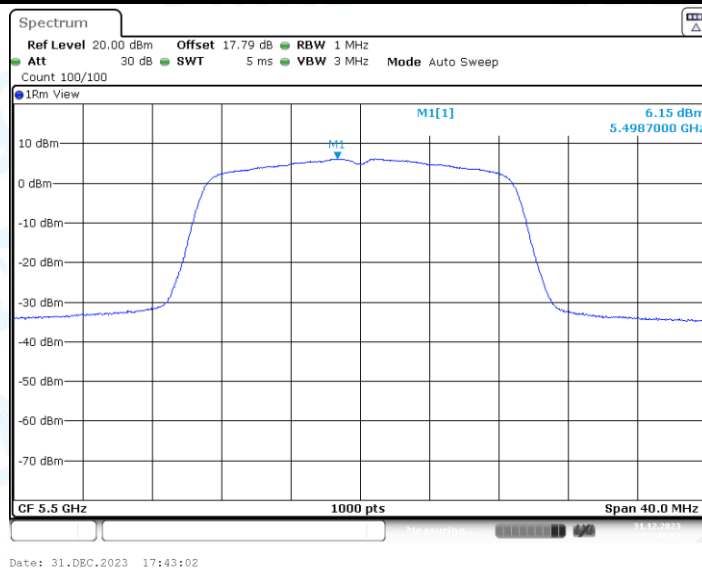
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11AC20MIMO_Ant2_5320

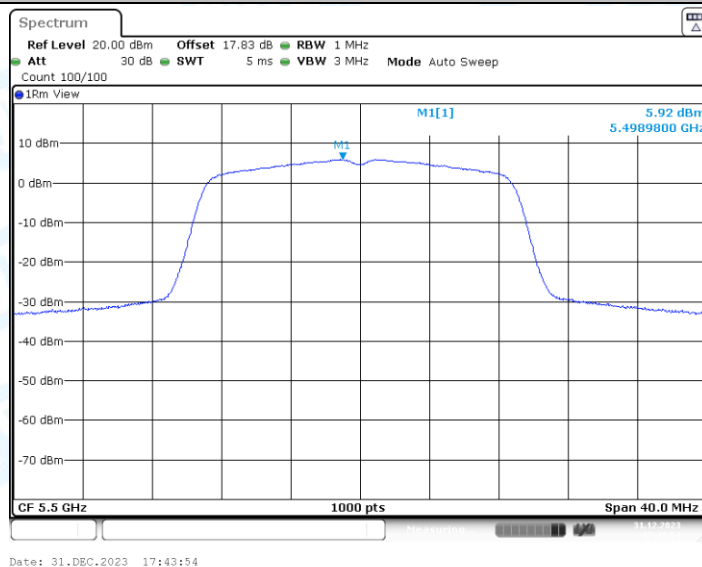


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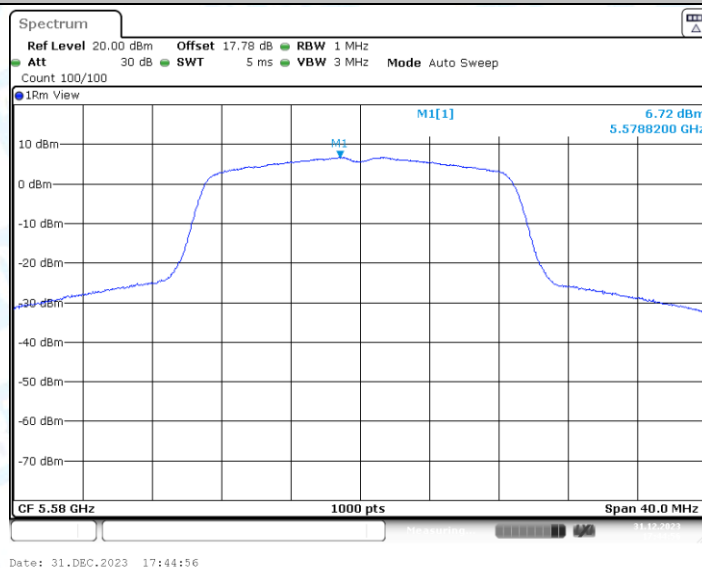
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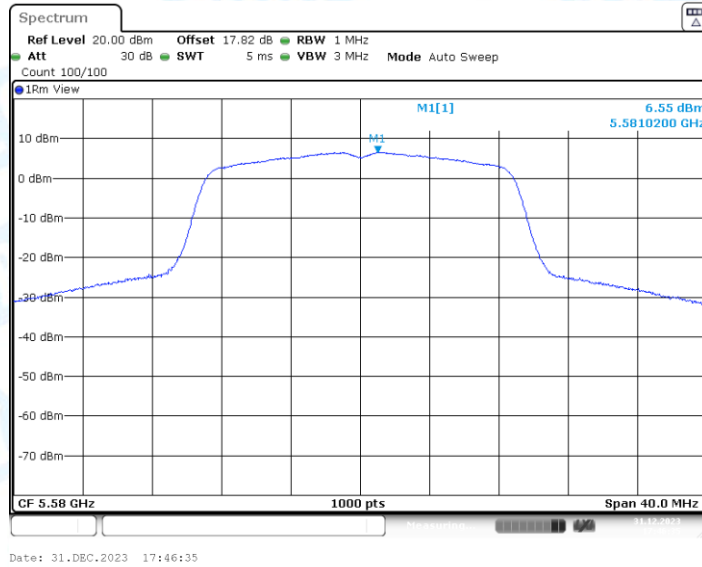
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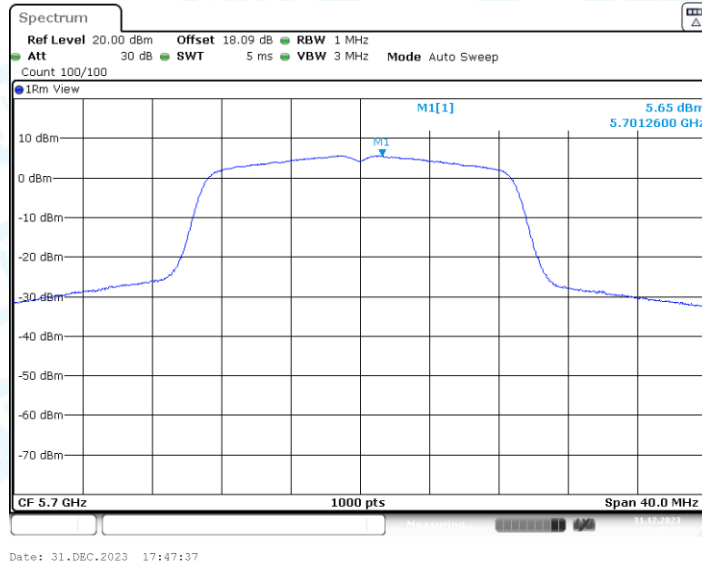
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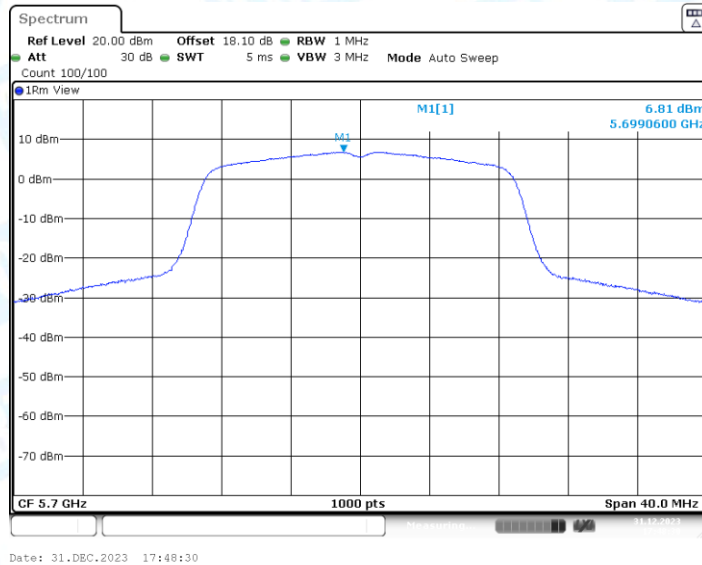
11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5720_UNII-2C