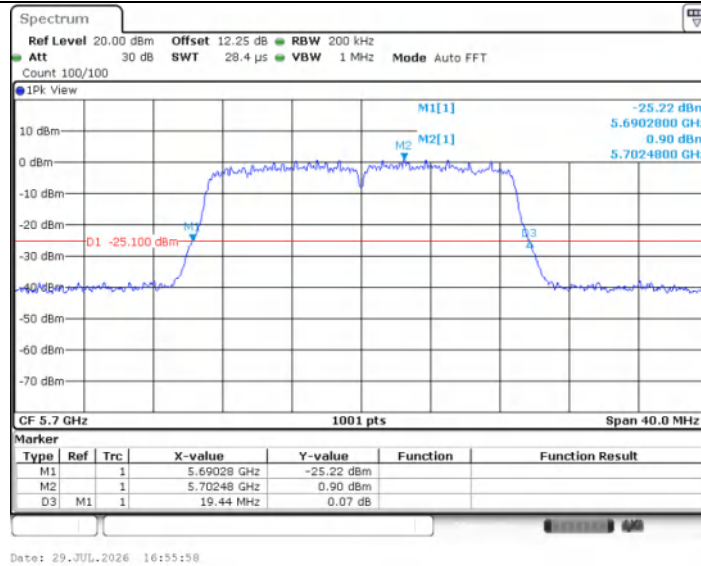
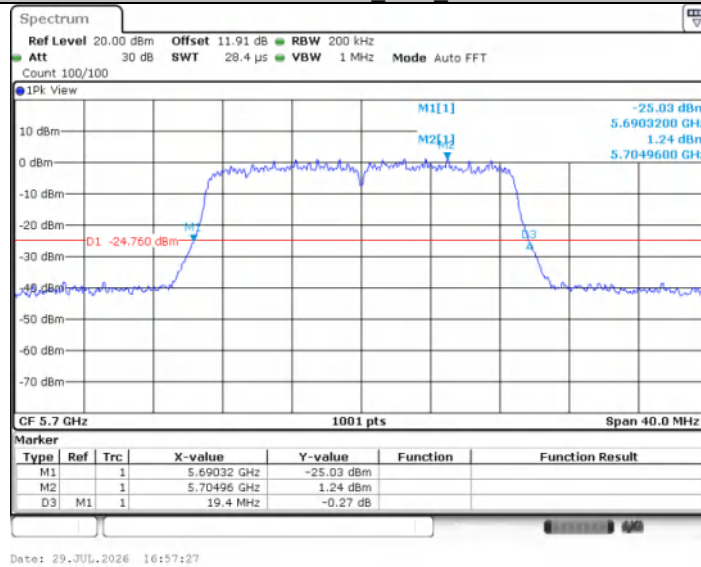
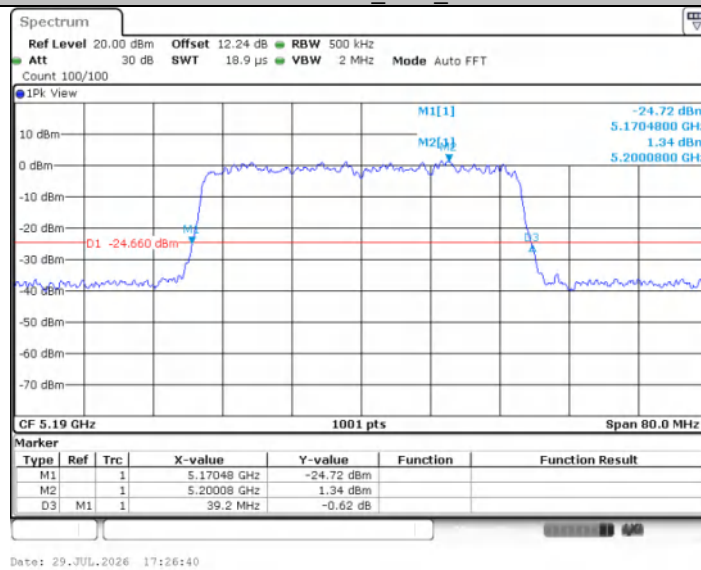




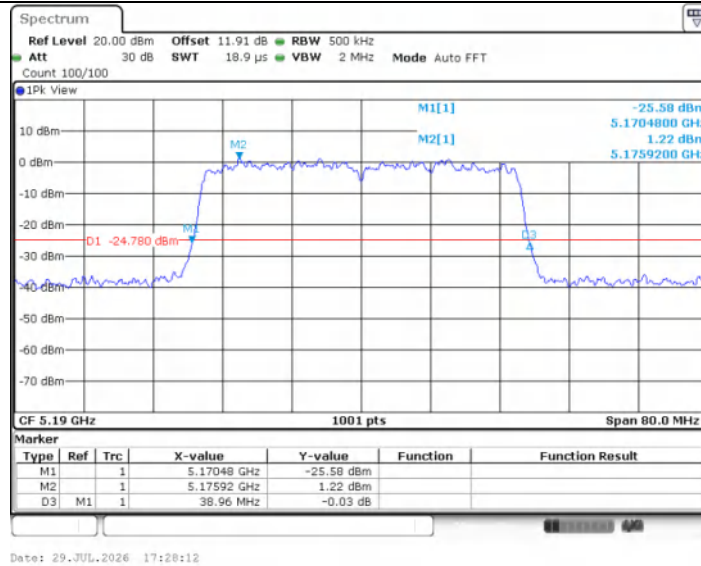
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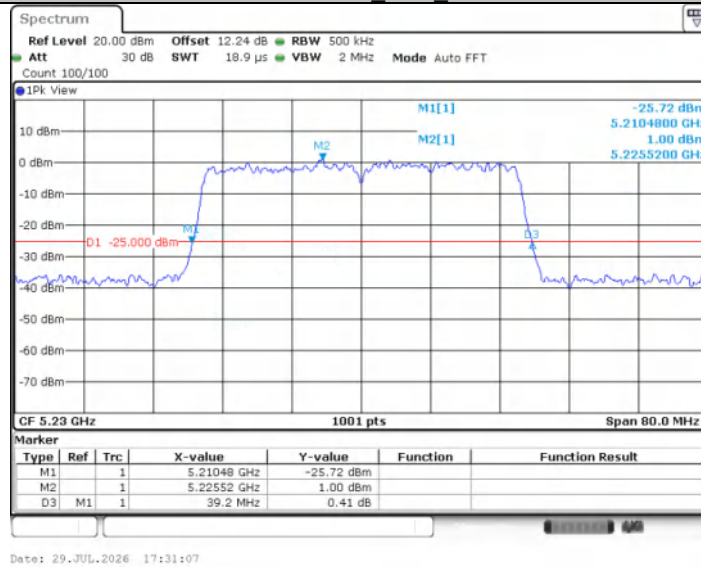
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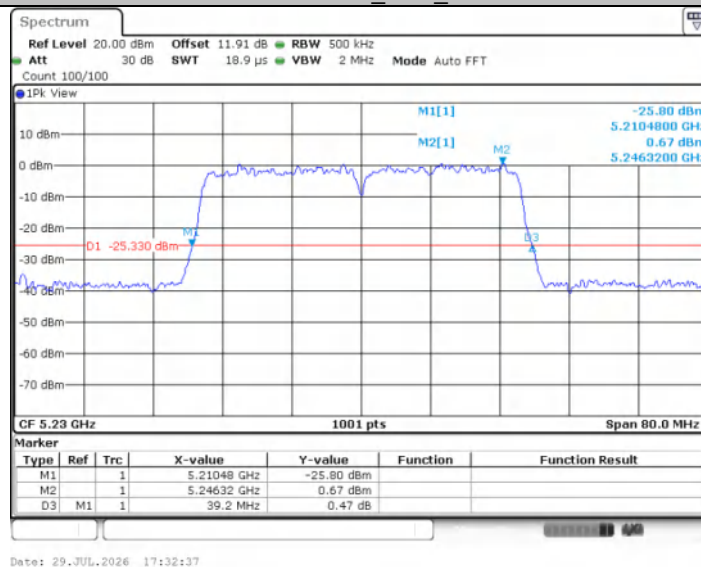
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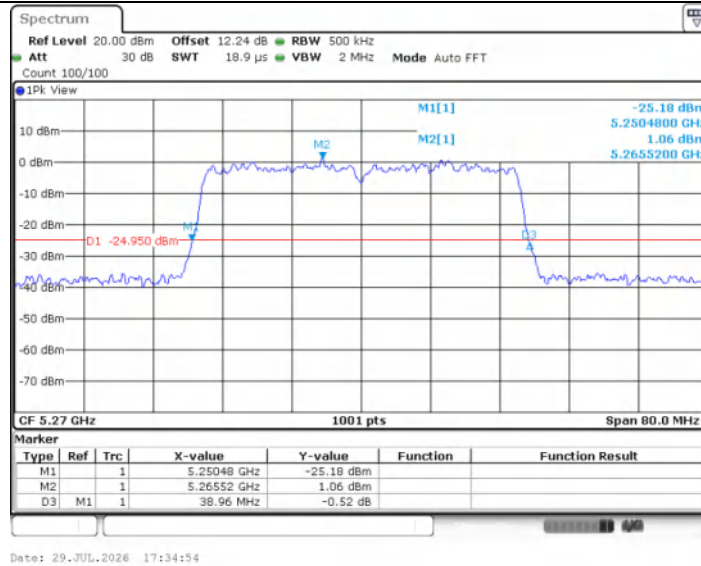
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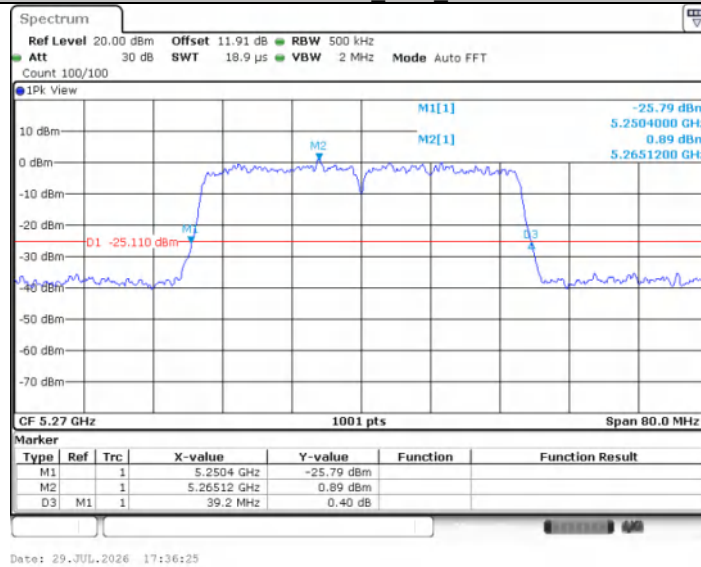
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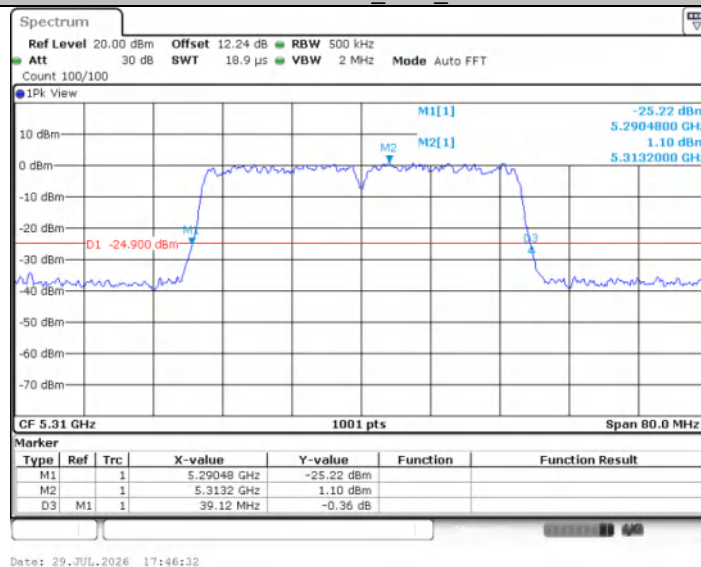
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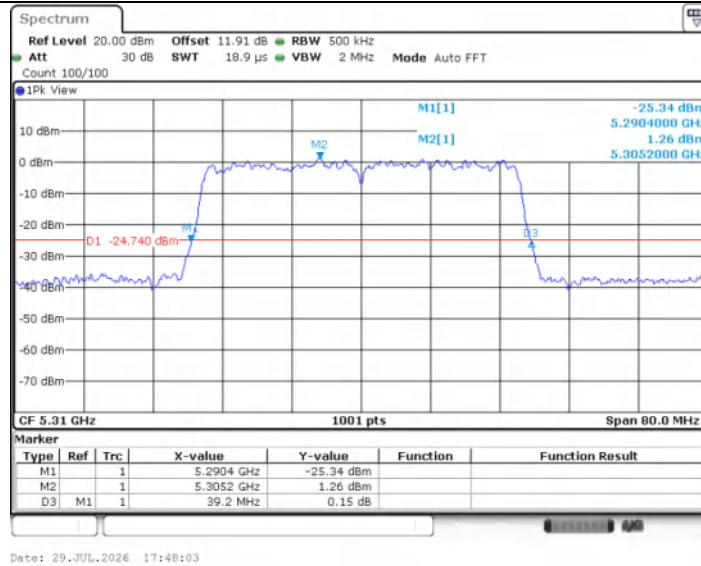
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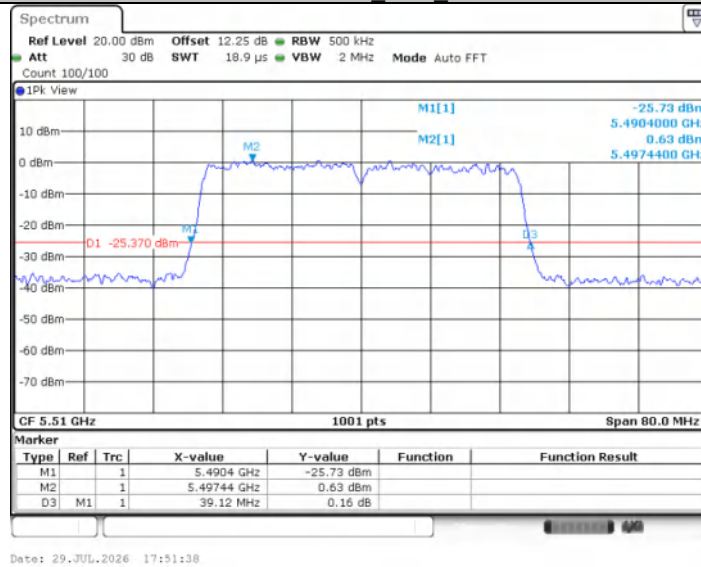
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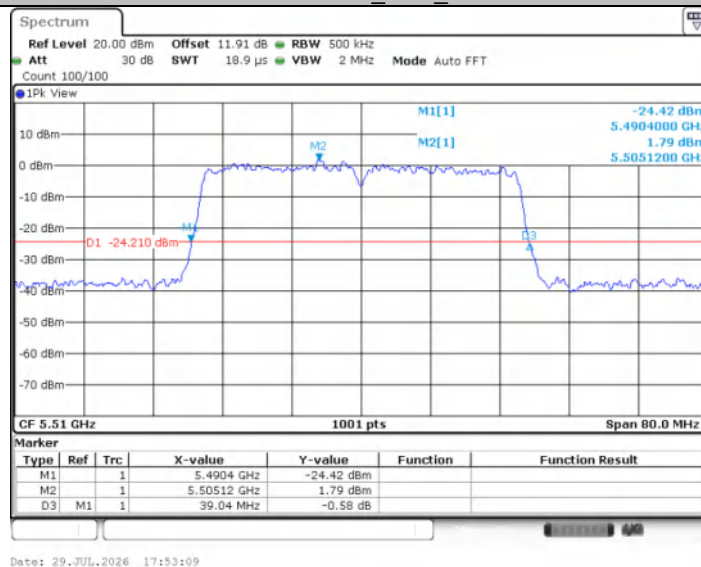
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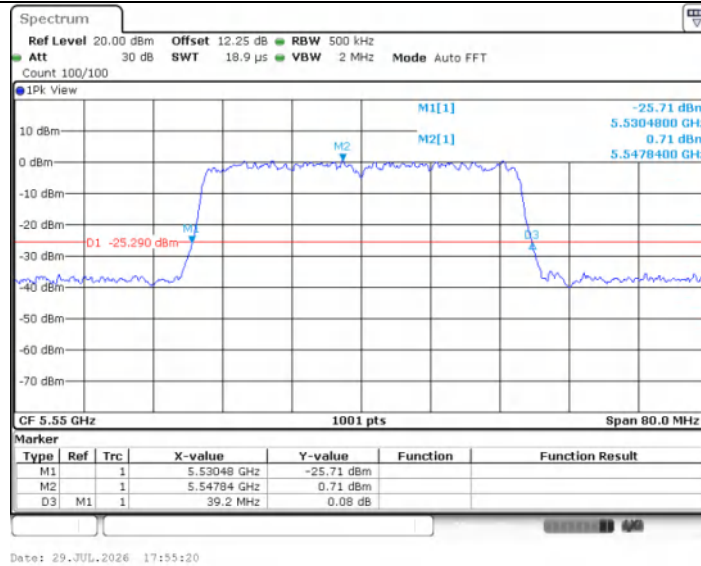
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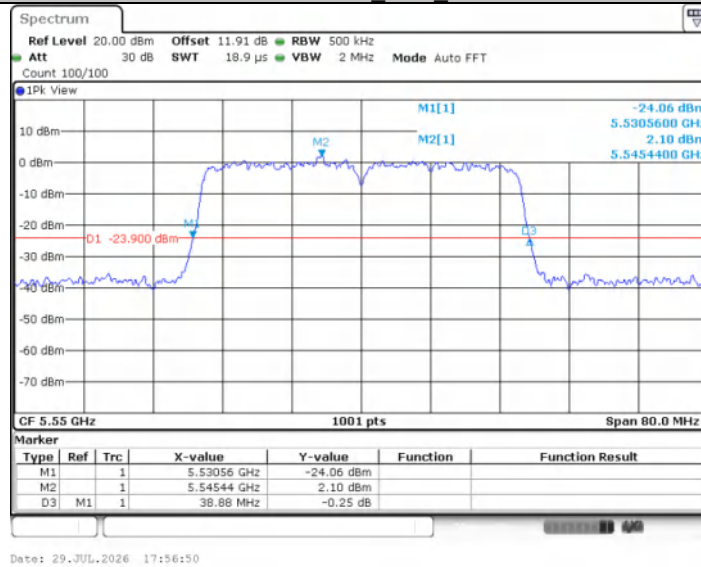
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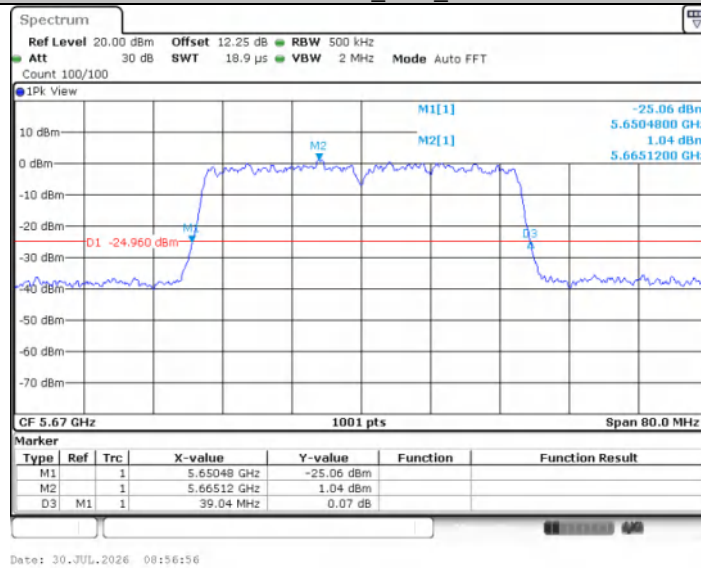
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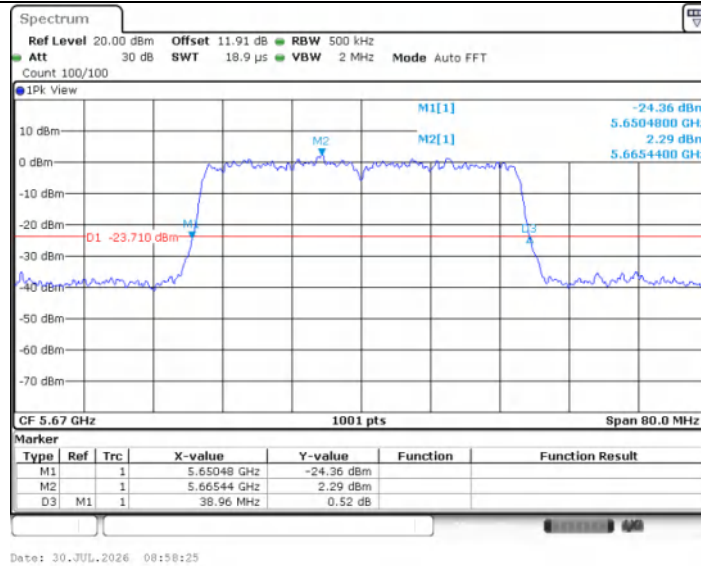
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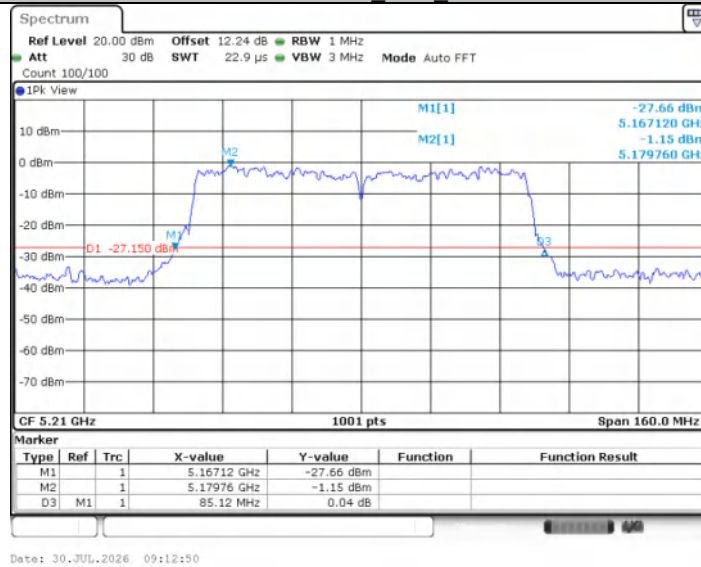
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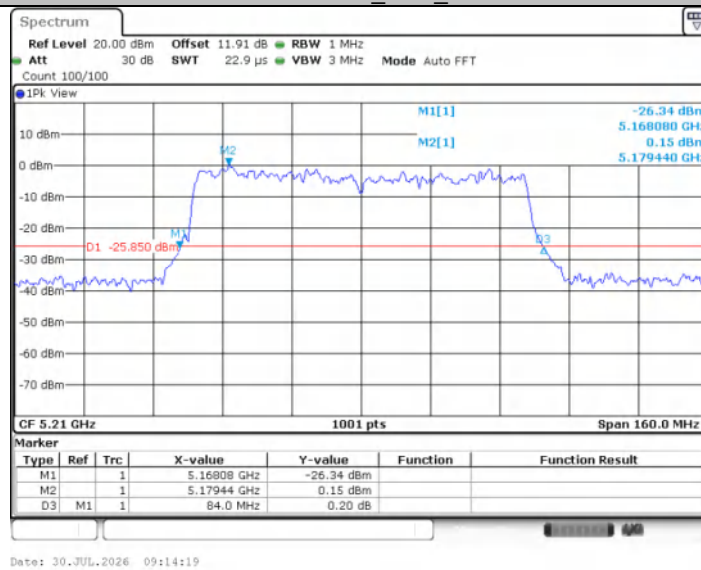
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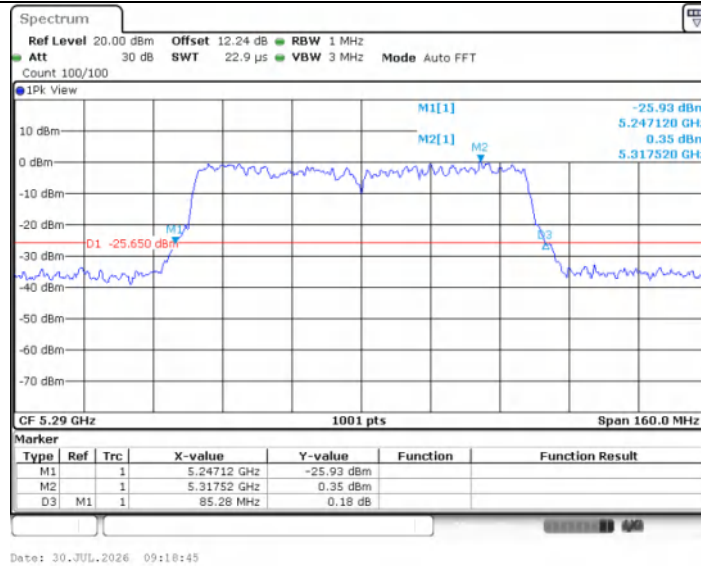
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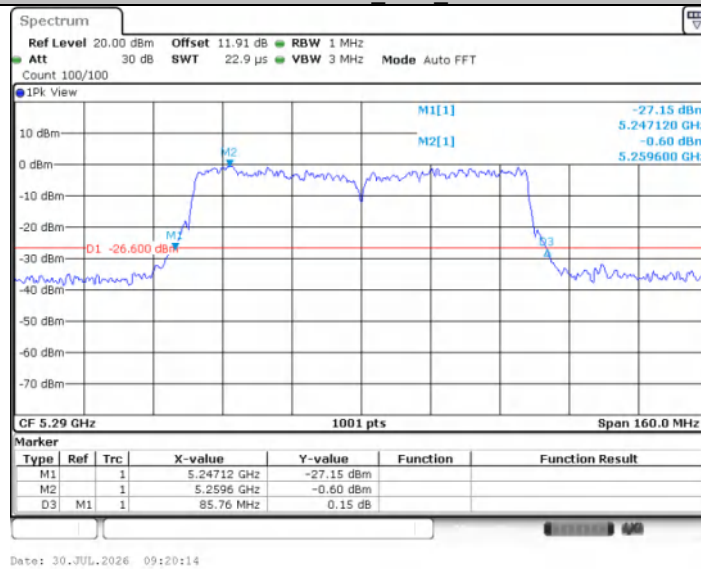
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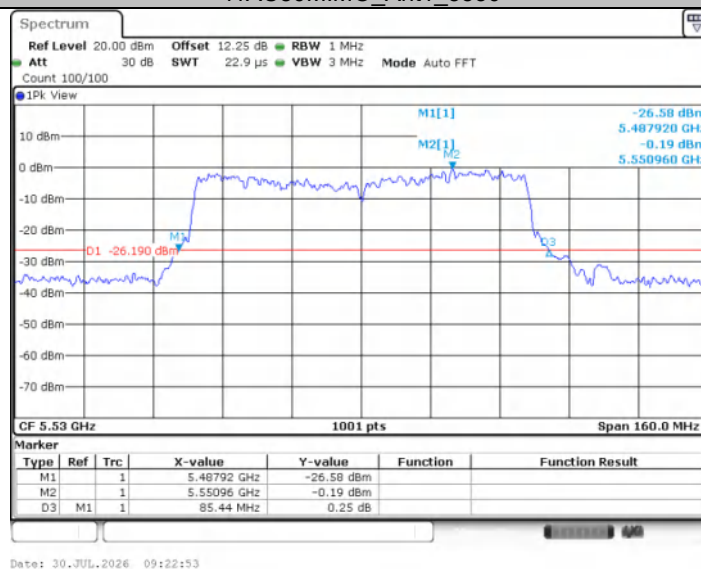
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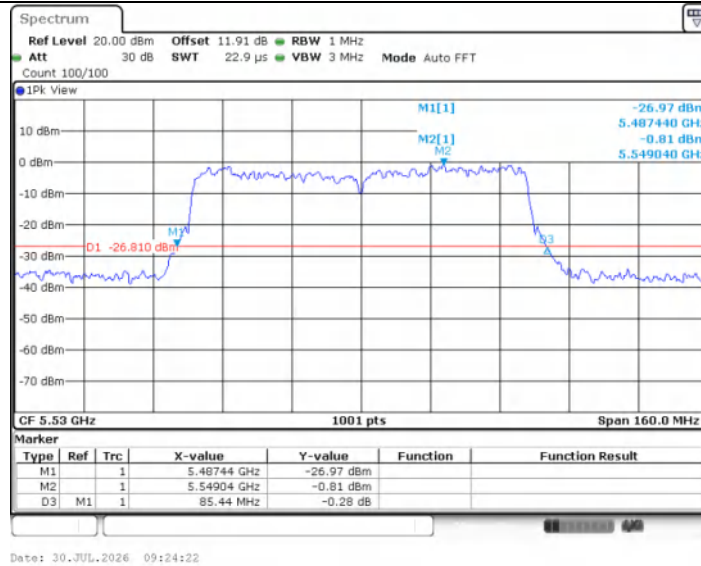
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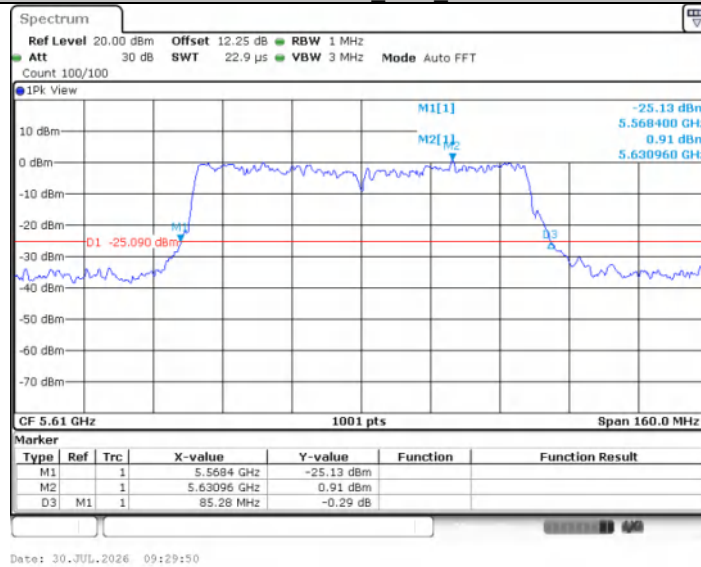
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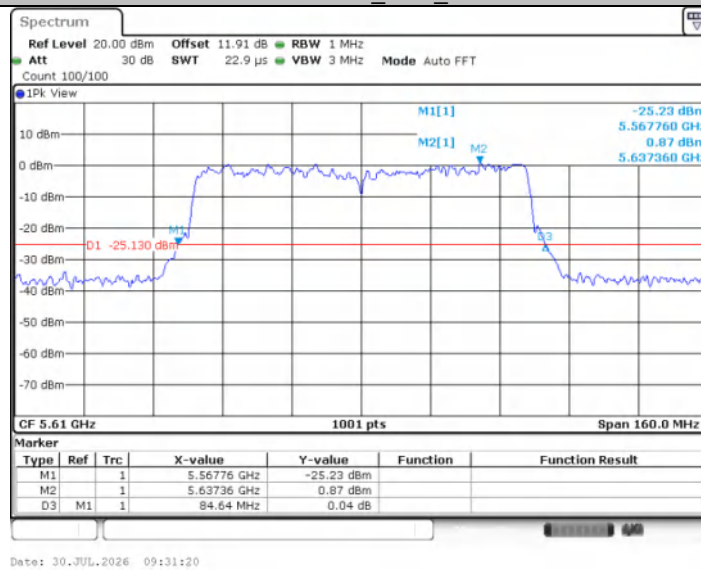
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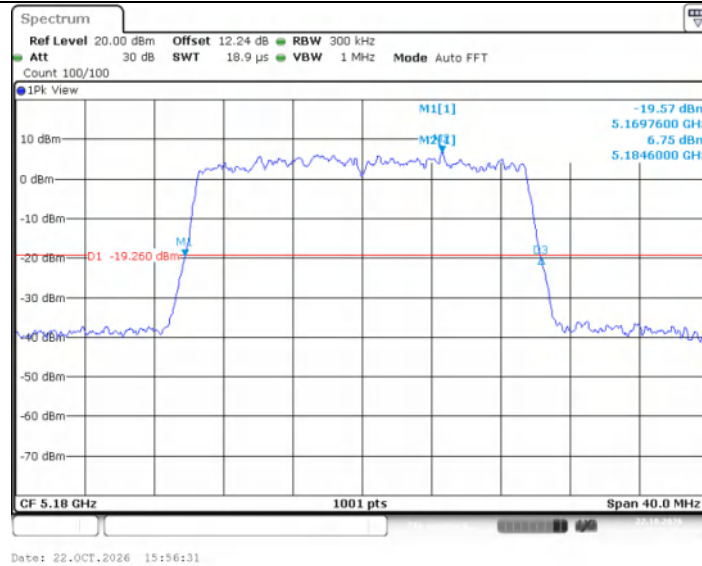
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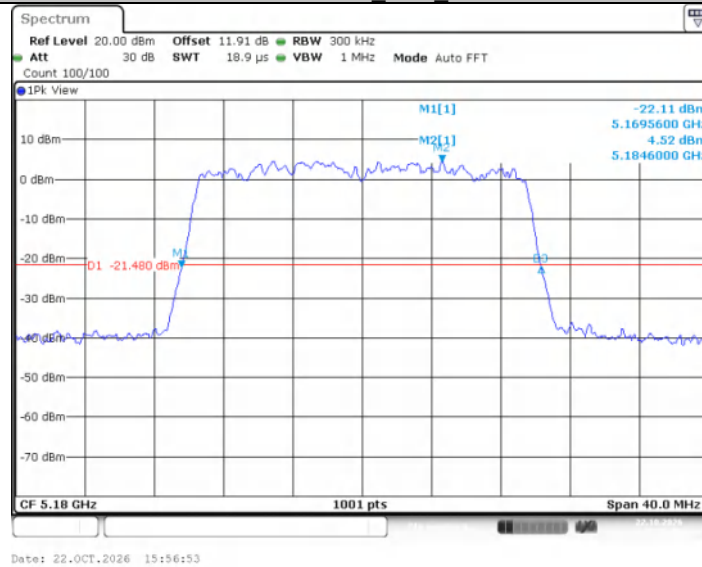
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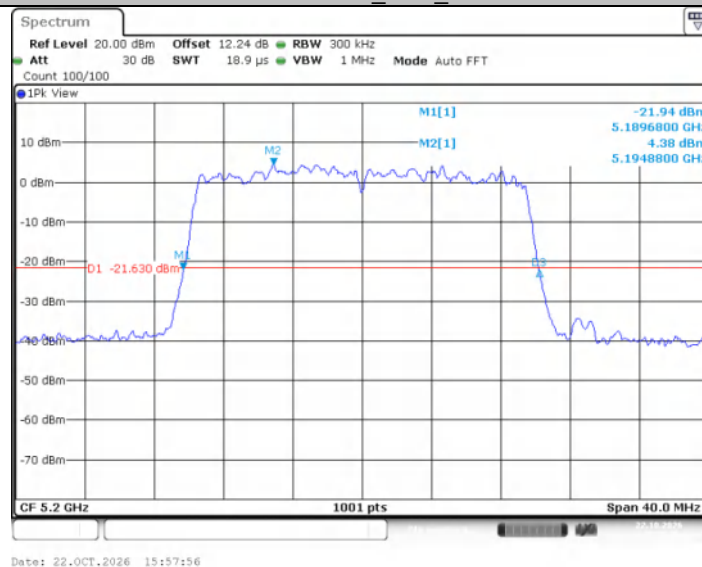
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11AX20MIMO_Ant2_5180



11AX20MIMO_Ant1_5200



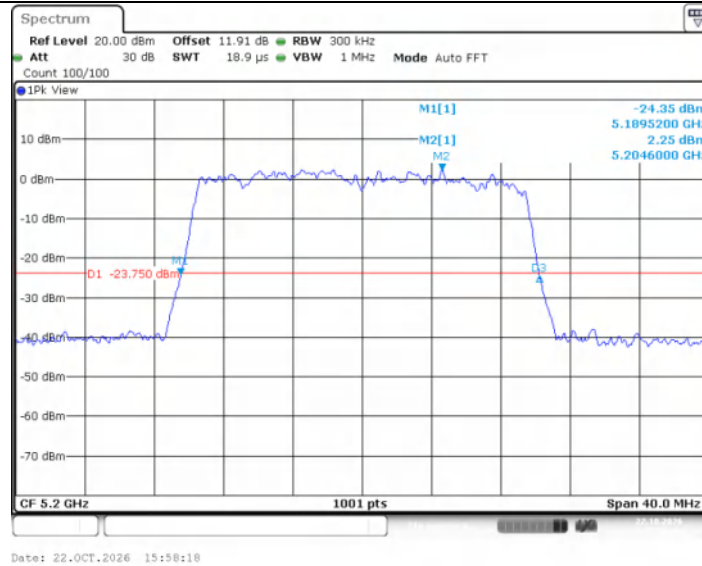
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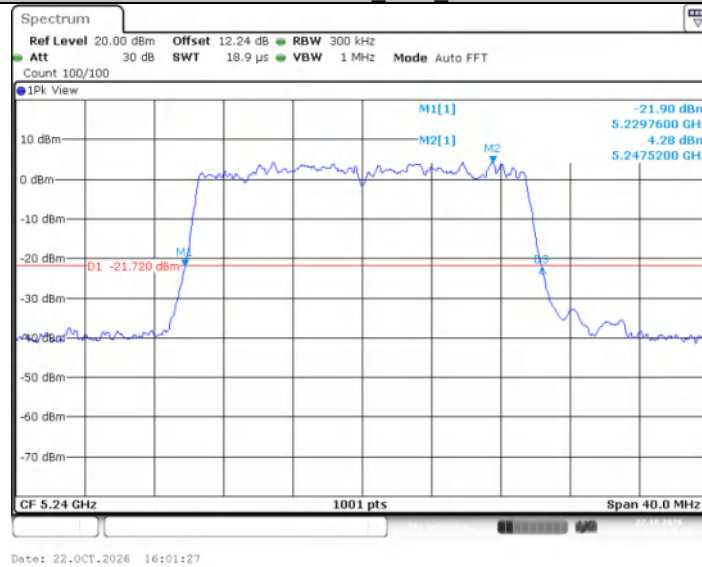
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Lanting 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-062_A5

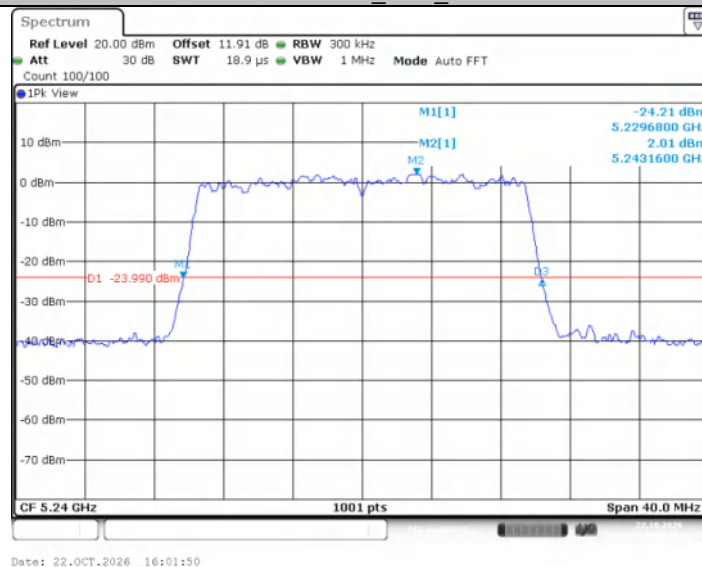
Master TRF : Dated 2026-06-01



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240



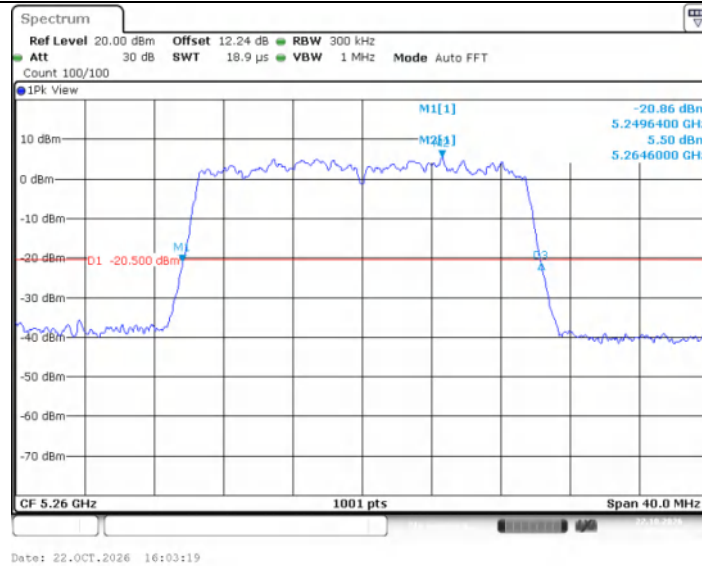
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TRF No: CTC-TR-062_A5

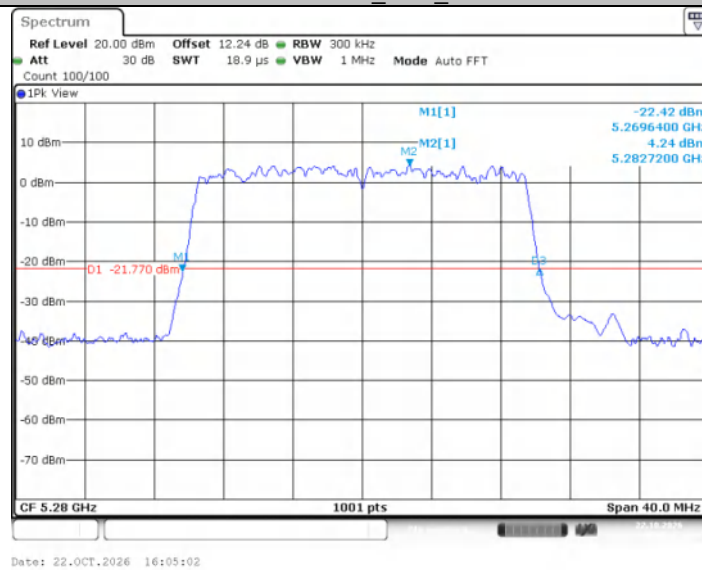
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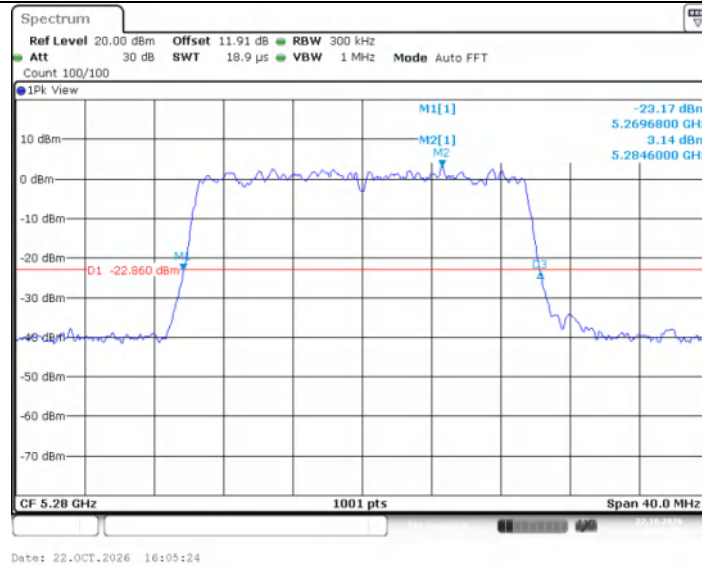
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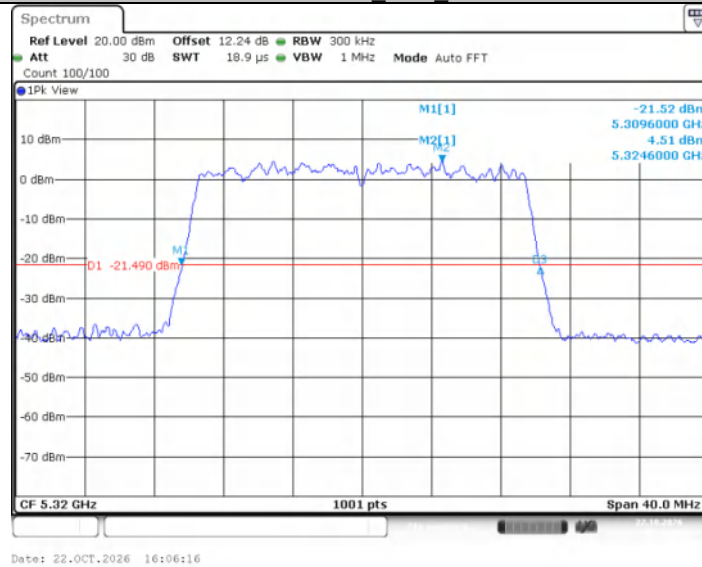
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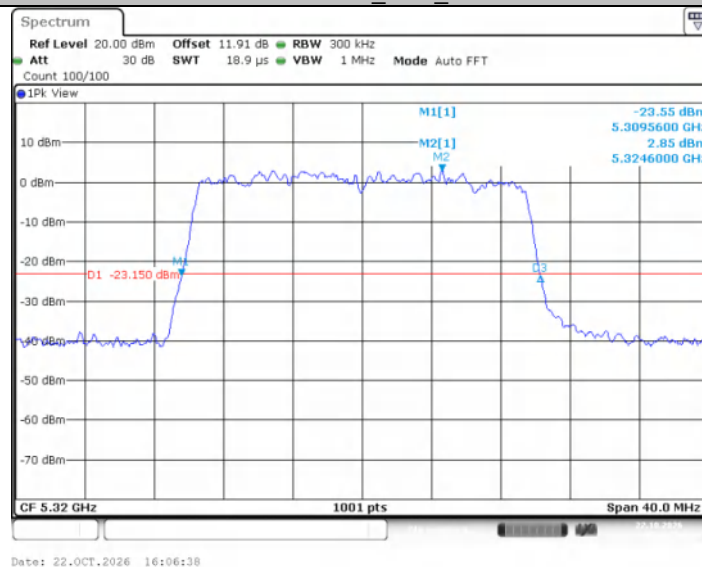
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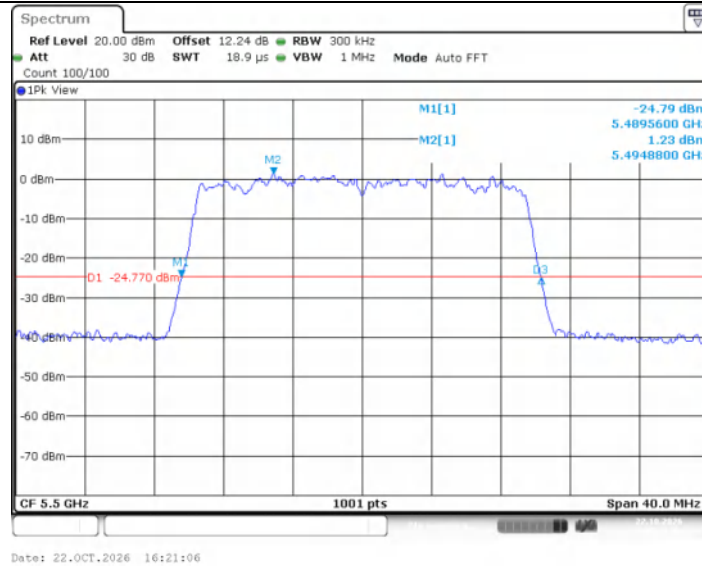
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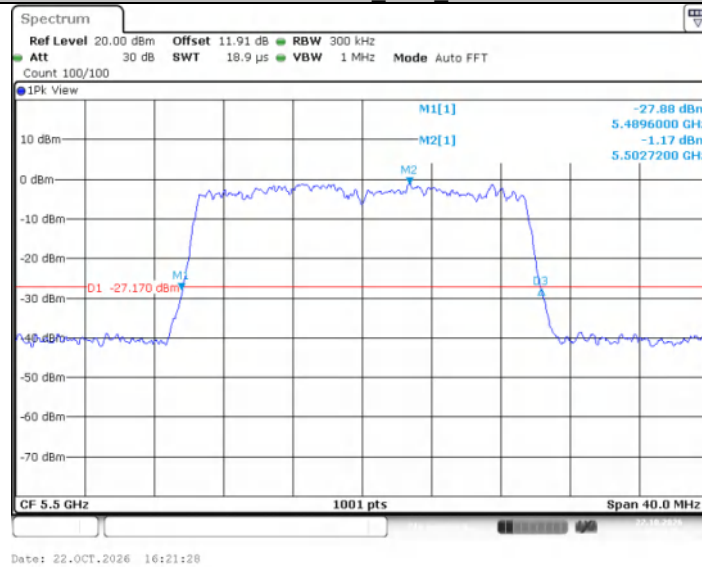
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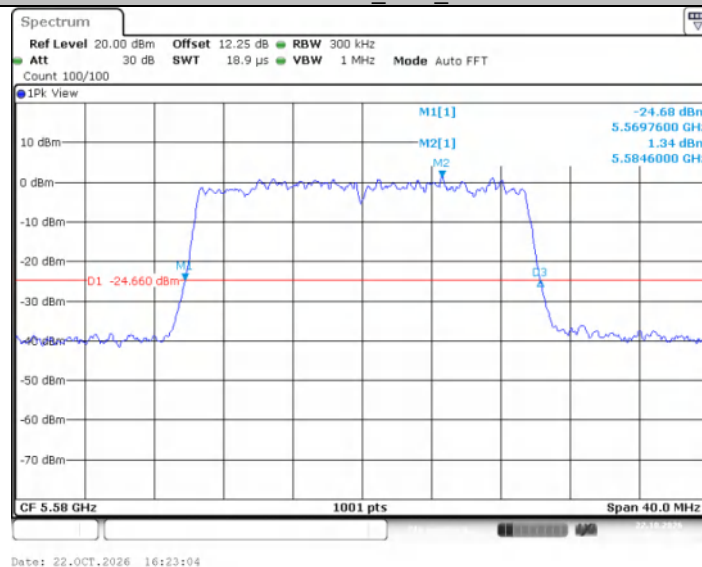
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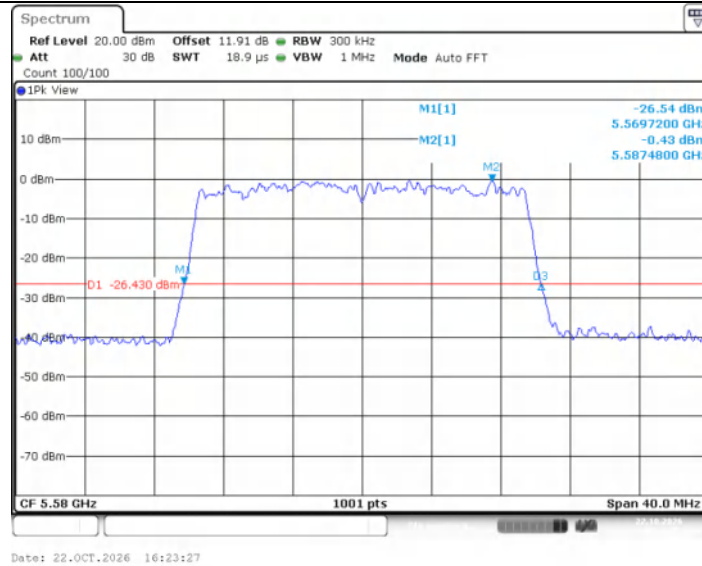
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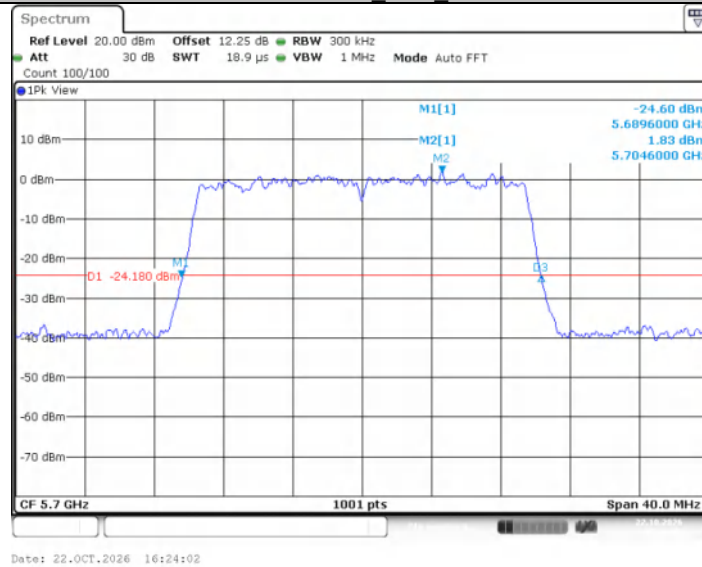
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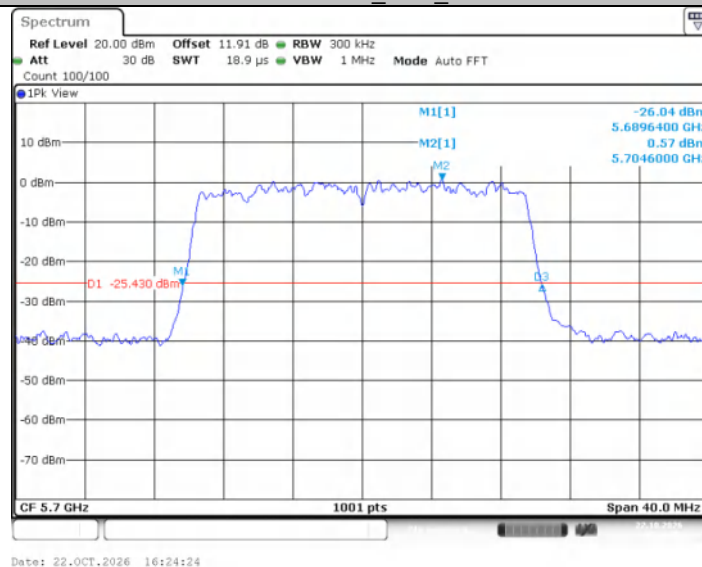
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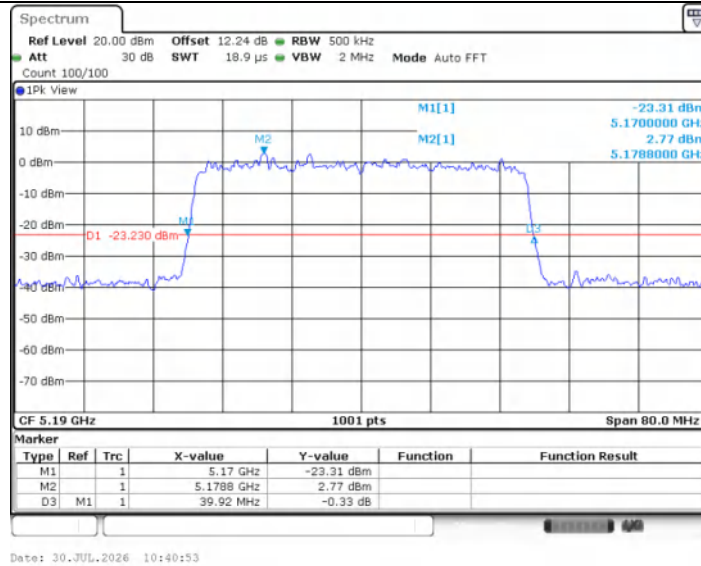
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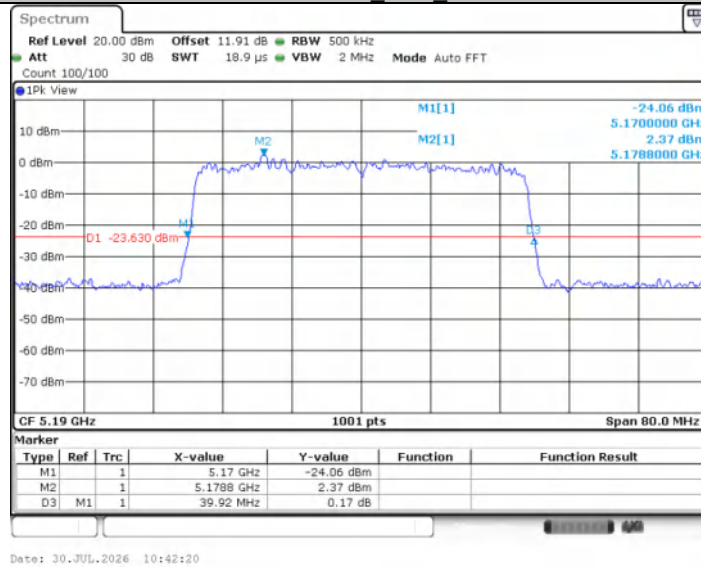
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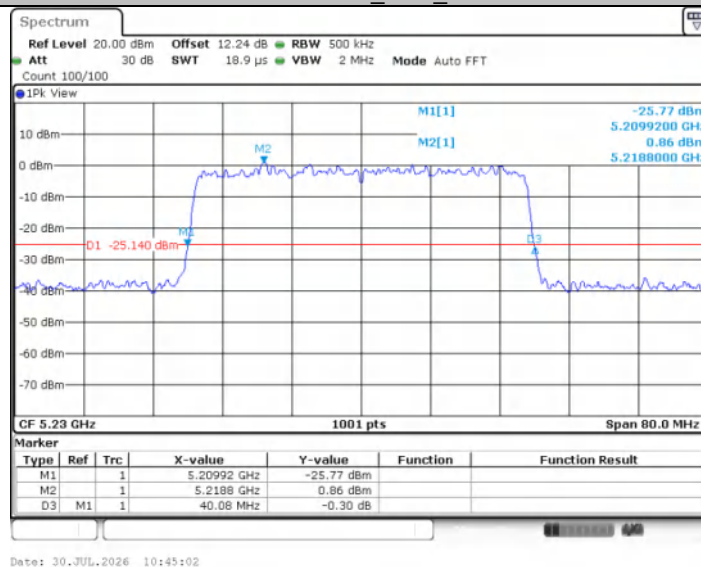
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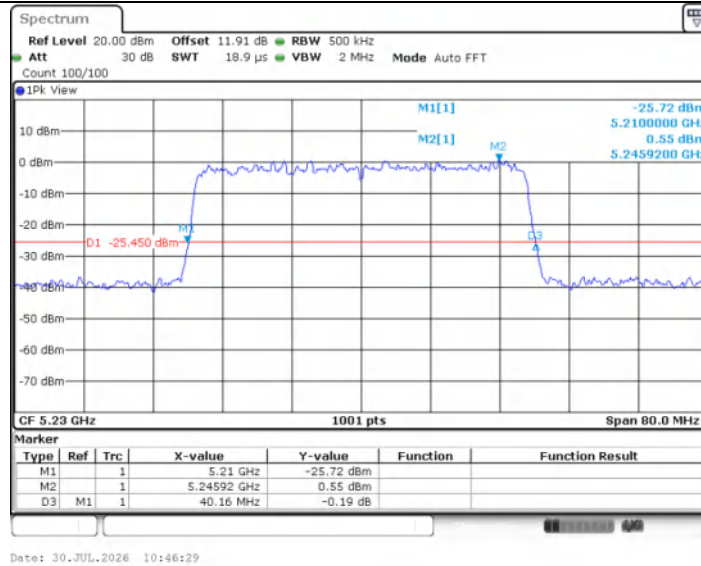
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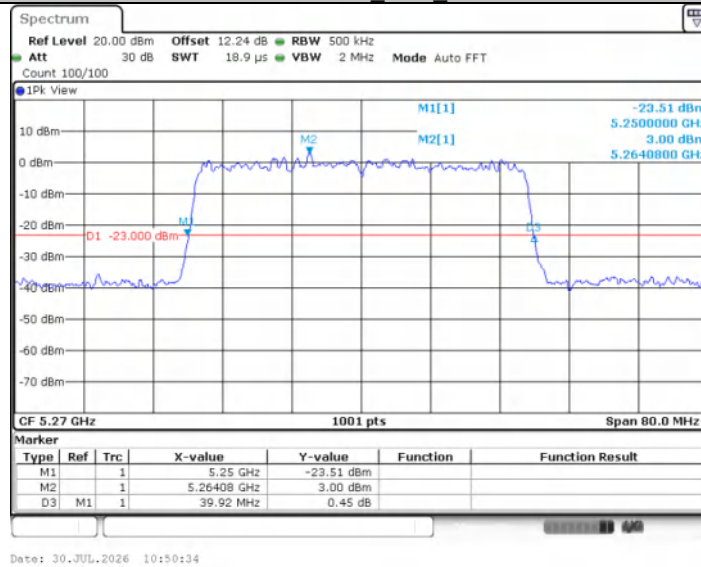
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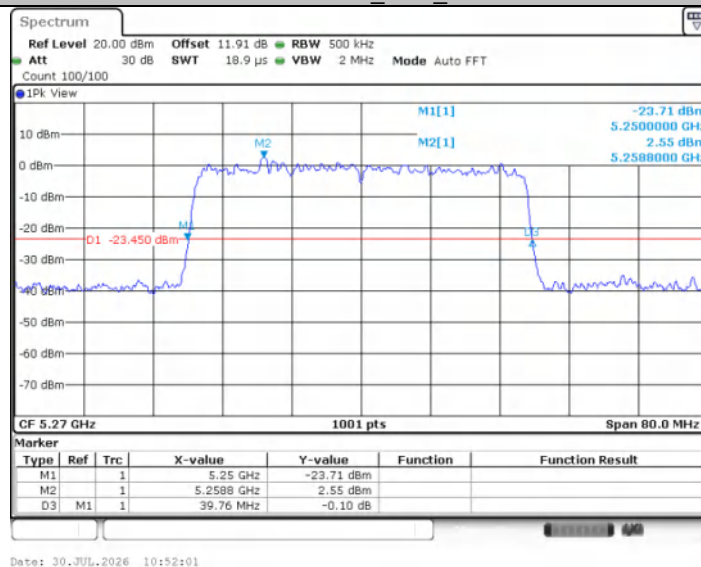
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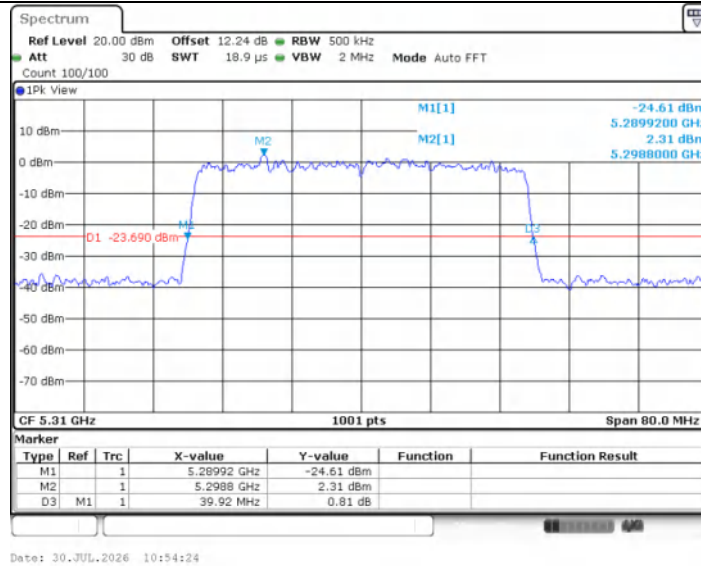
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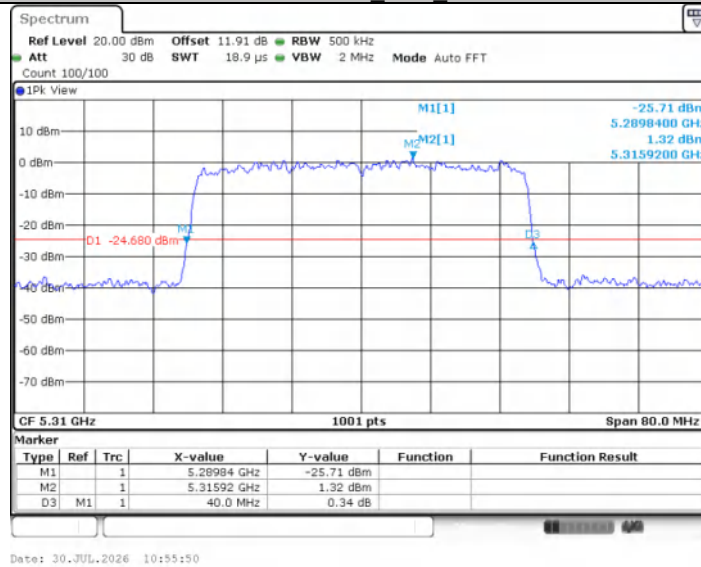
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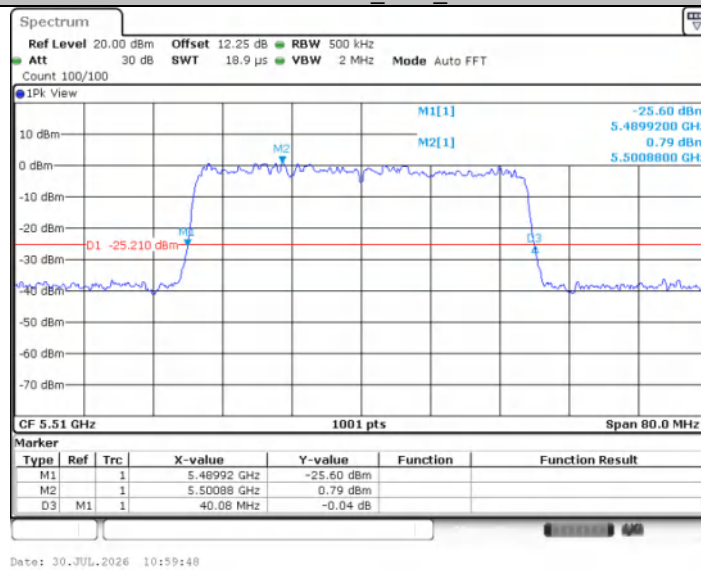
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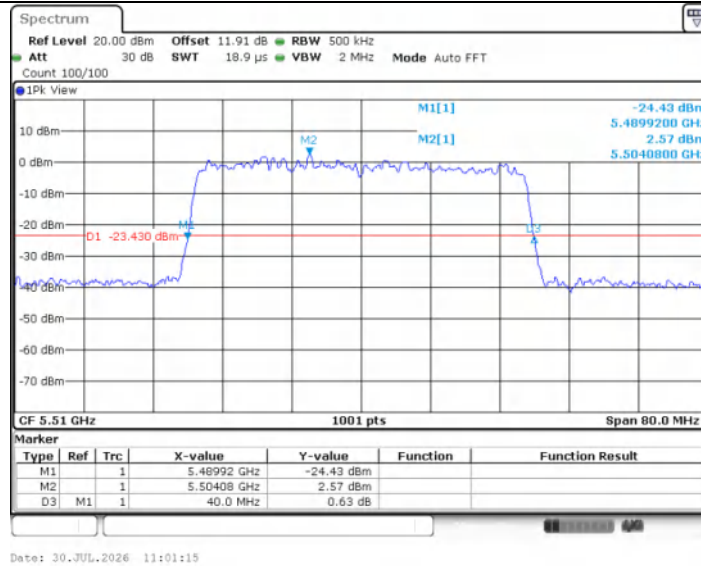
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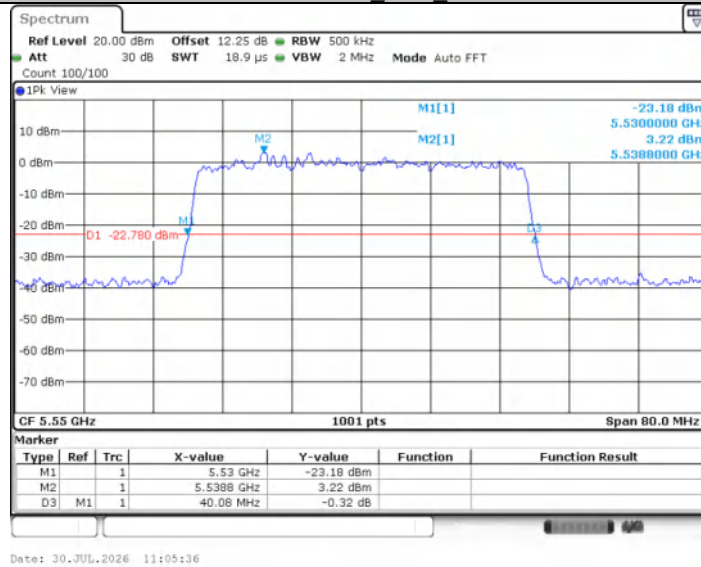
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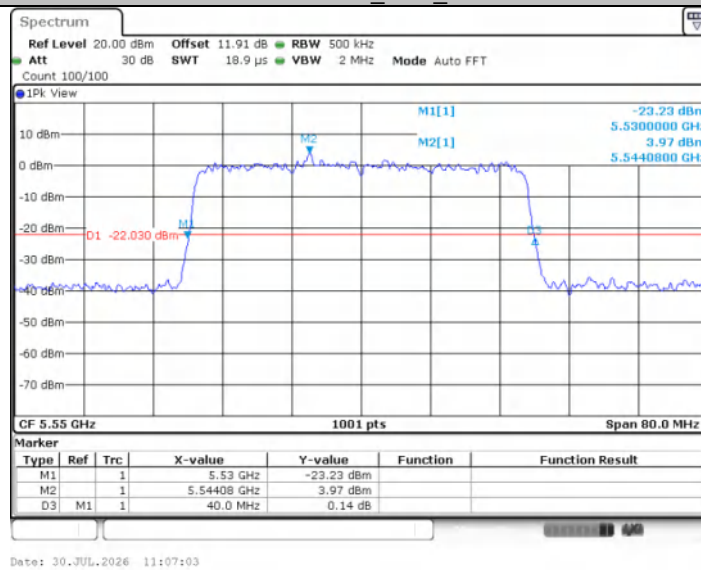
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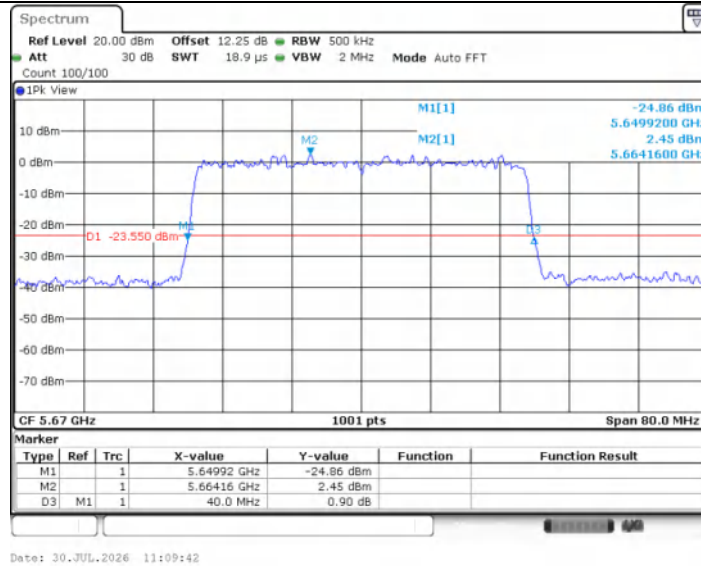
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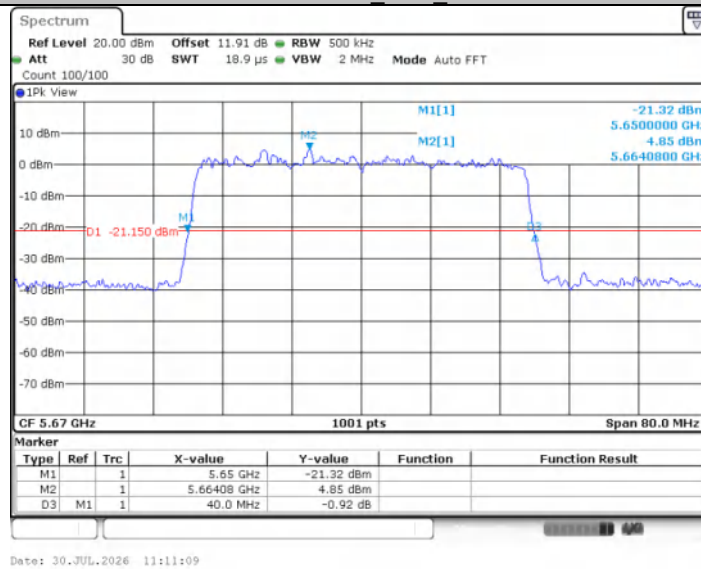
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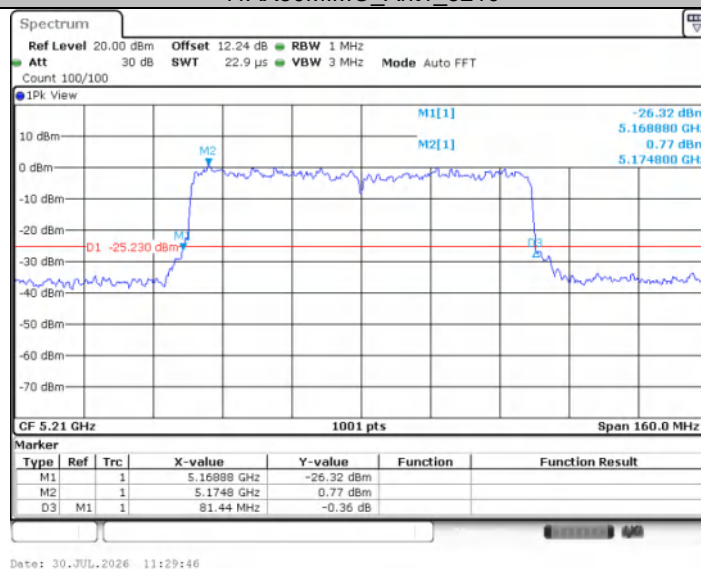
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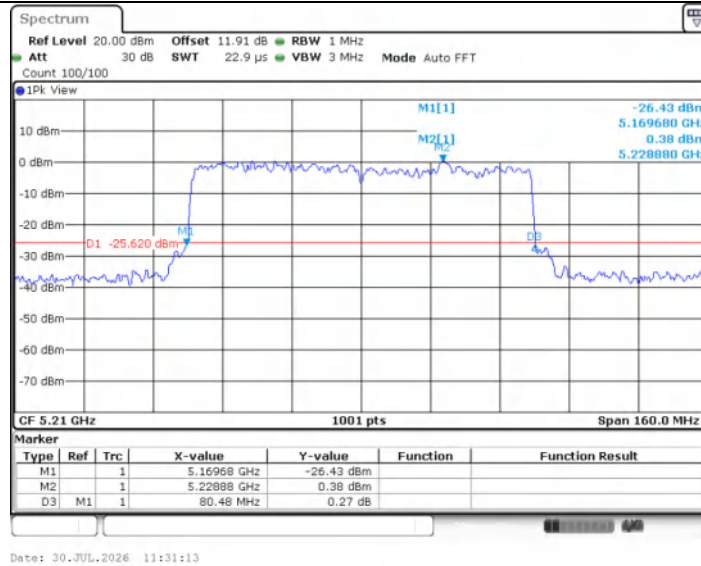
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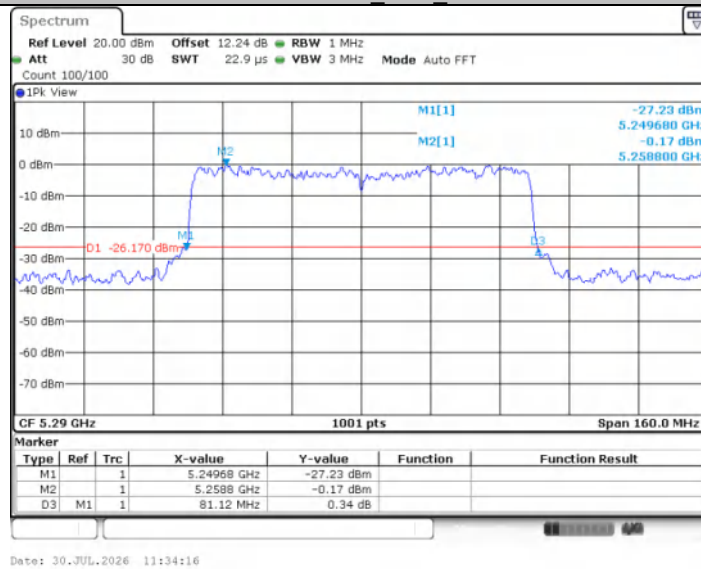
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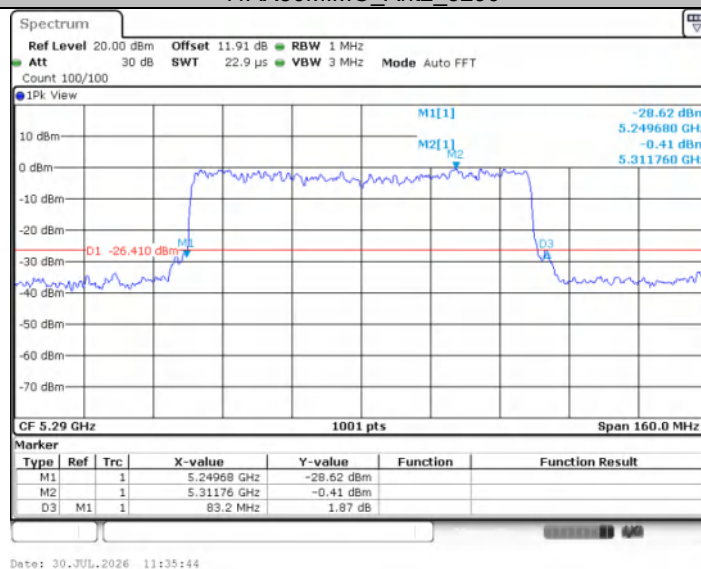
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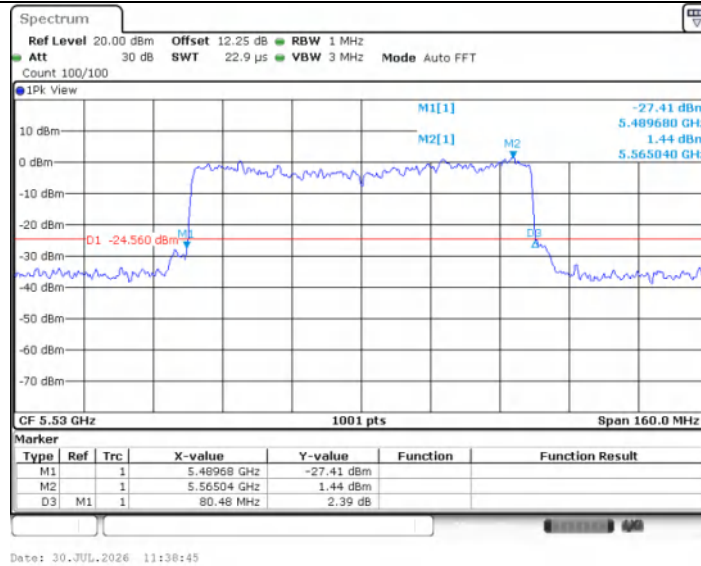
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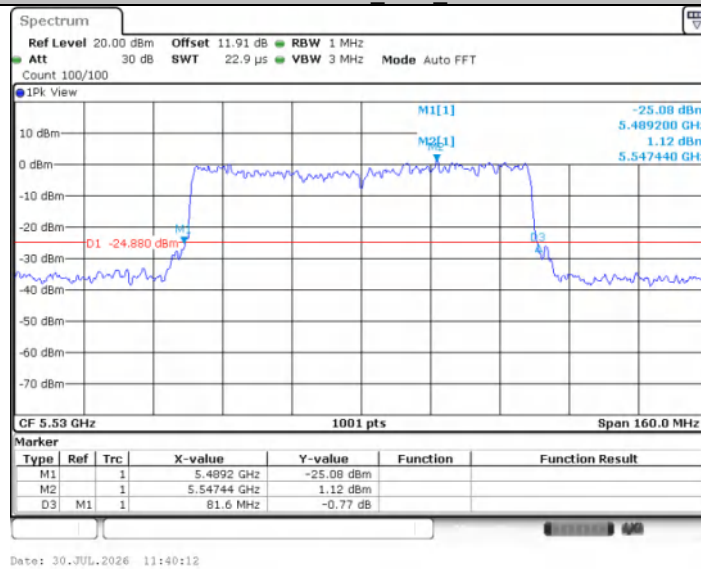
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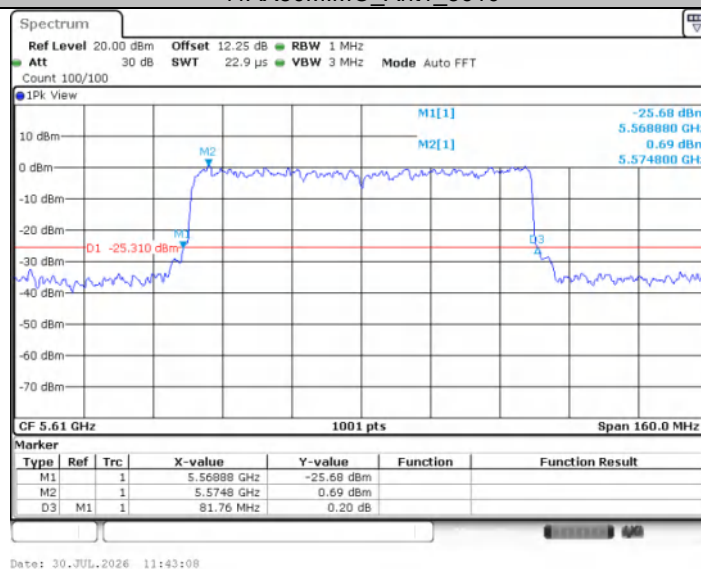
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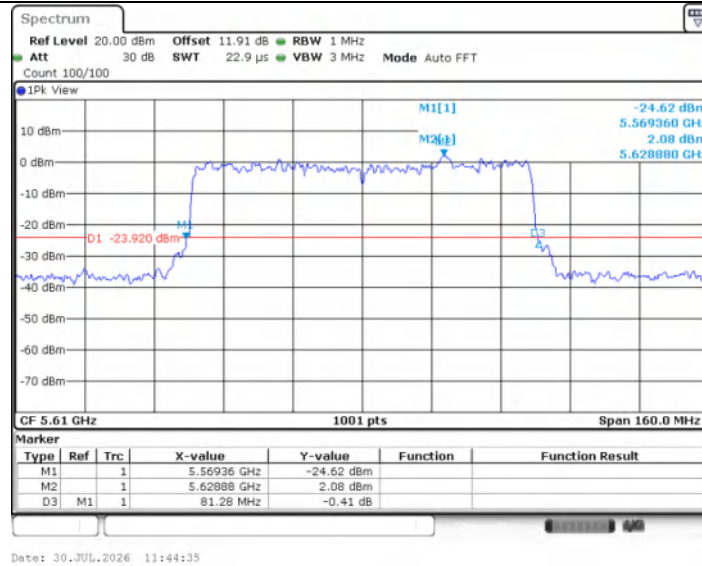
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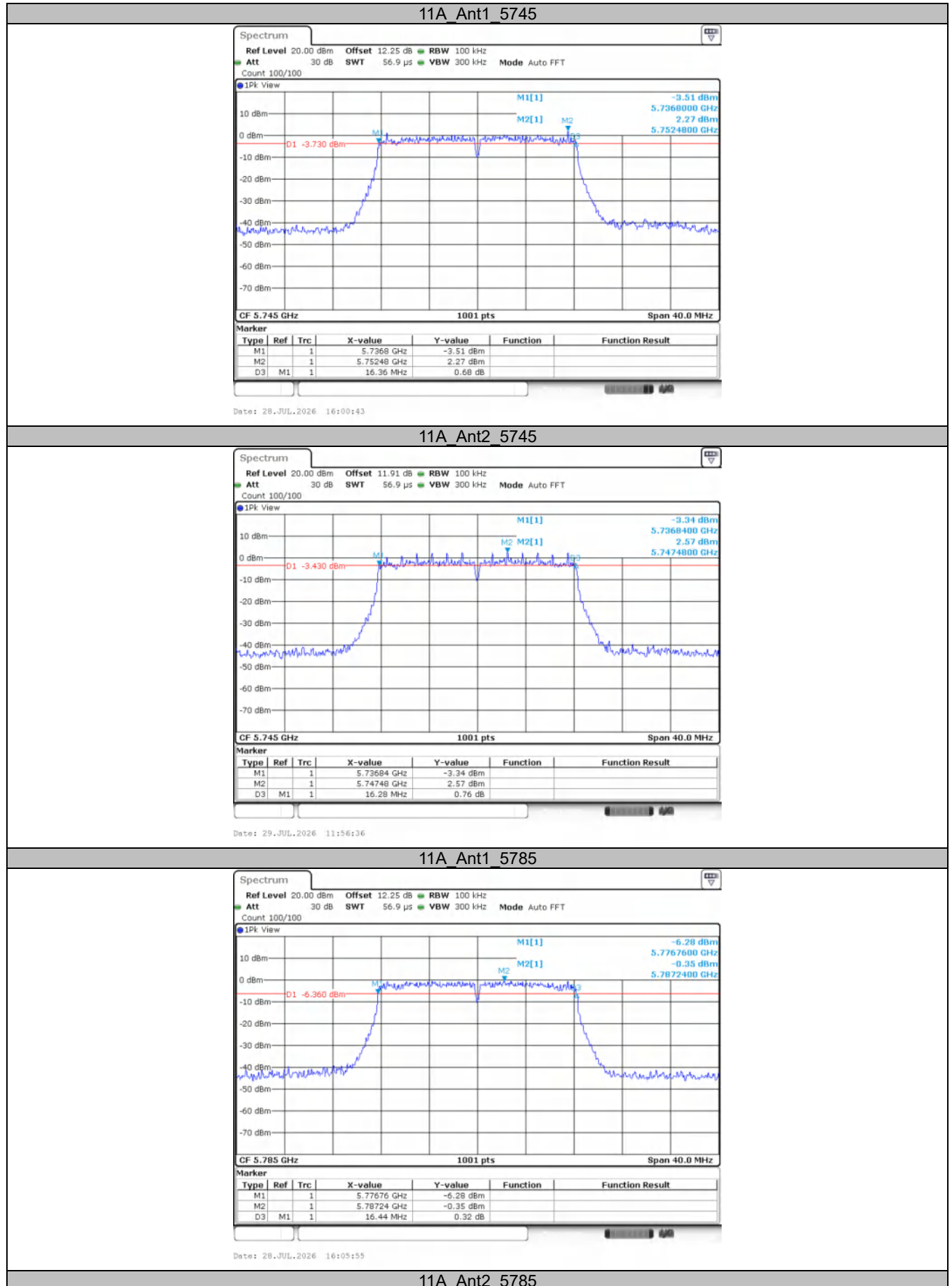
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11AX80MIMO_Ant2_5610



6dB Bandwidth:

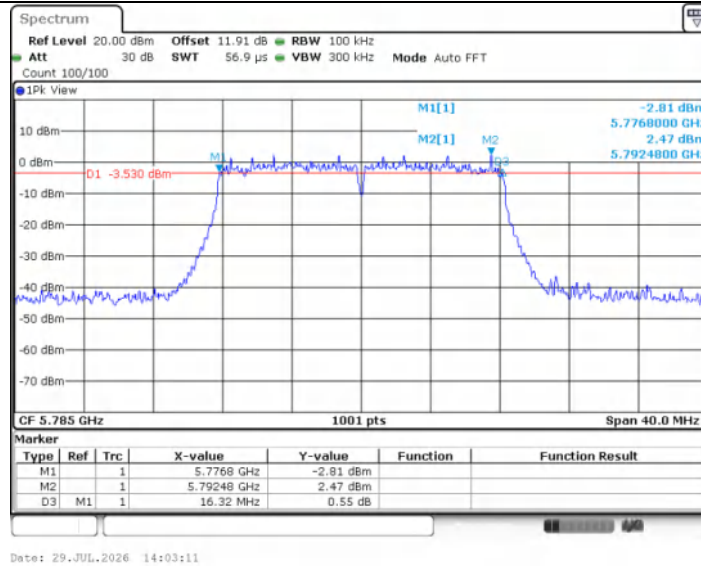


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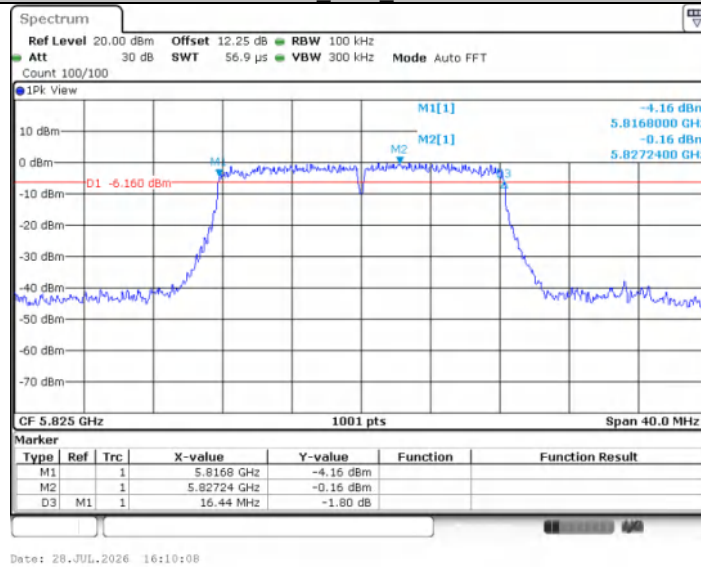
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-062_A5

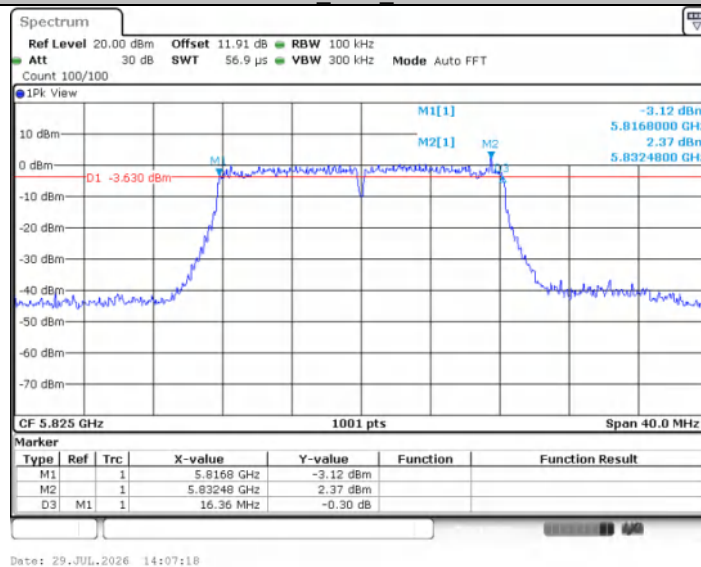
Master TRF : Dated 2026-06-01



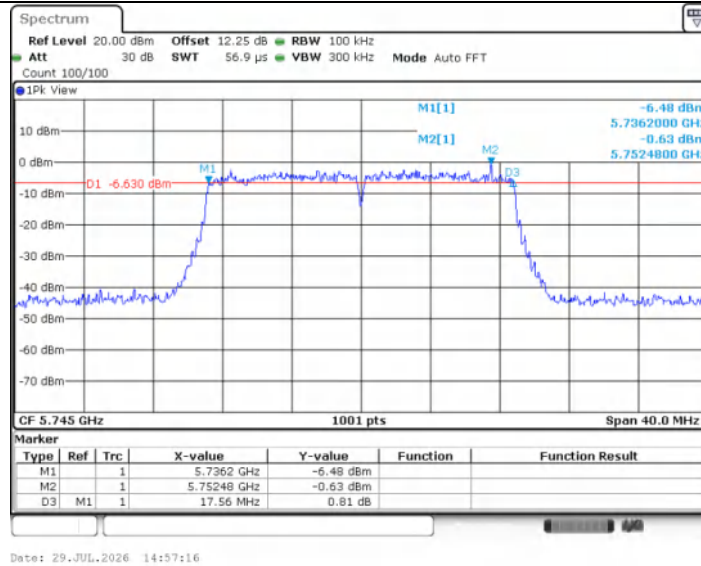
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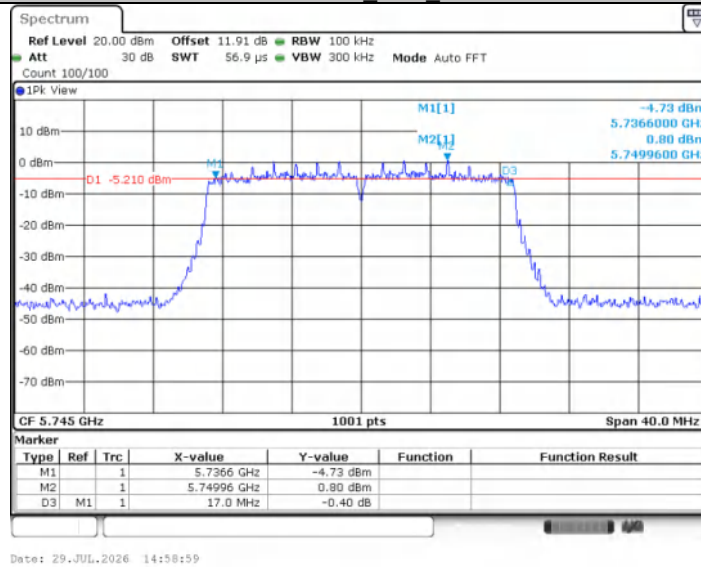
11A_Ant2_5825



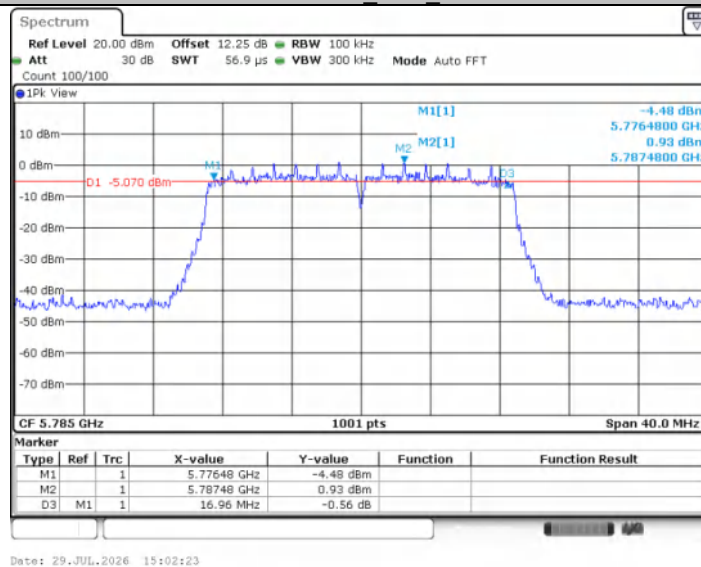
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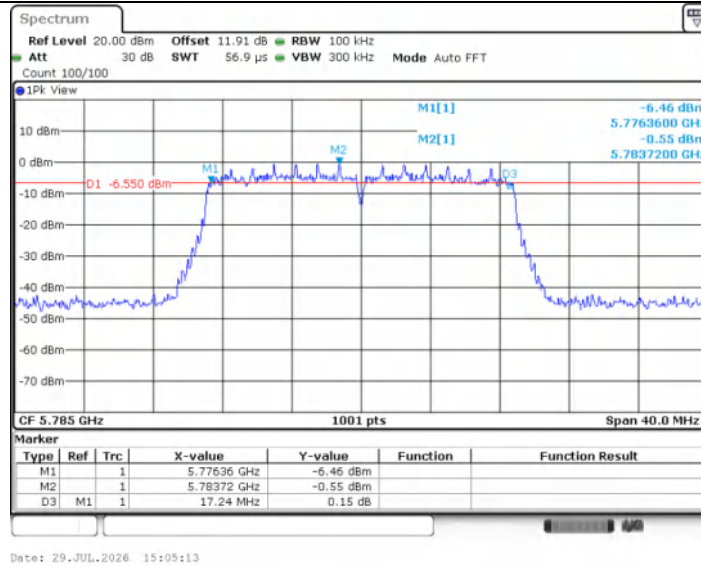
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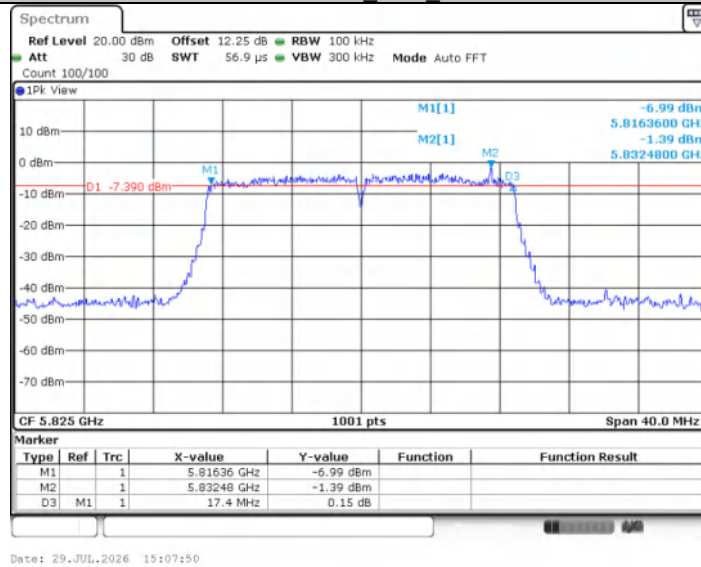
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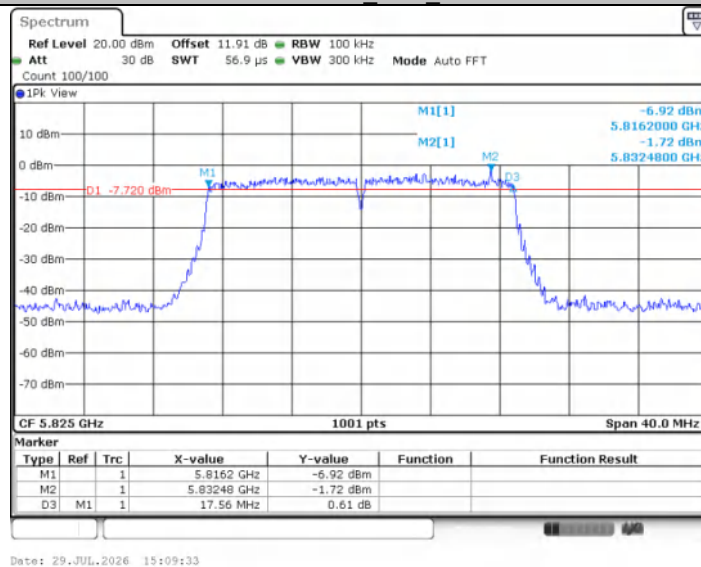
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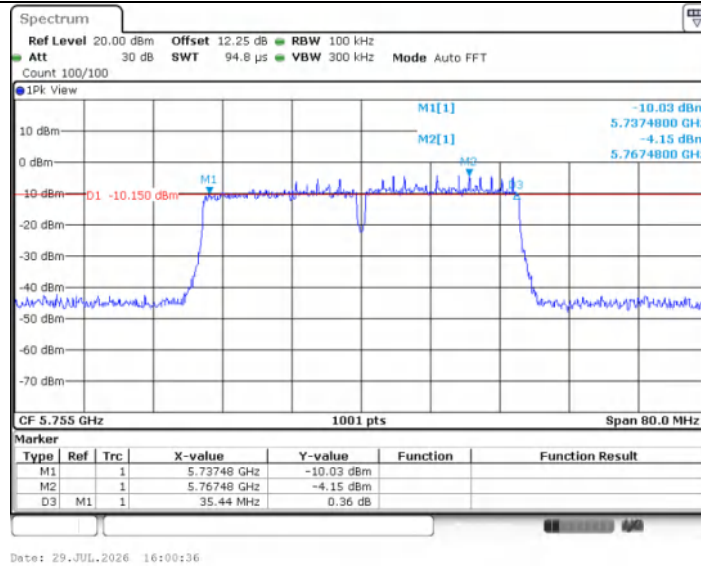
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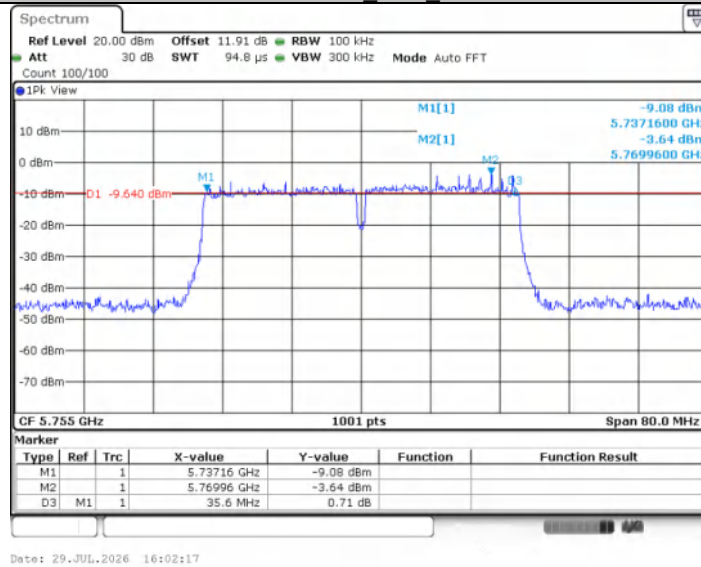
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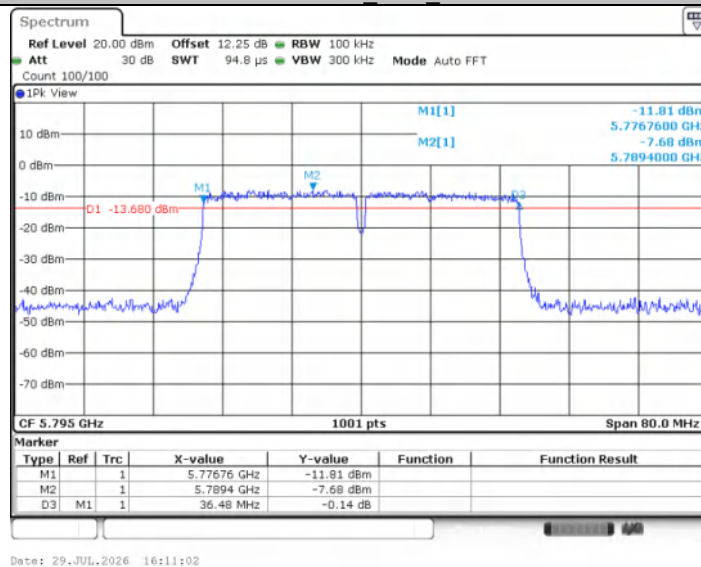
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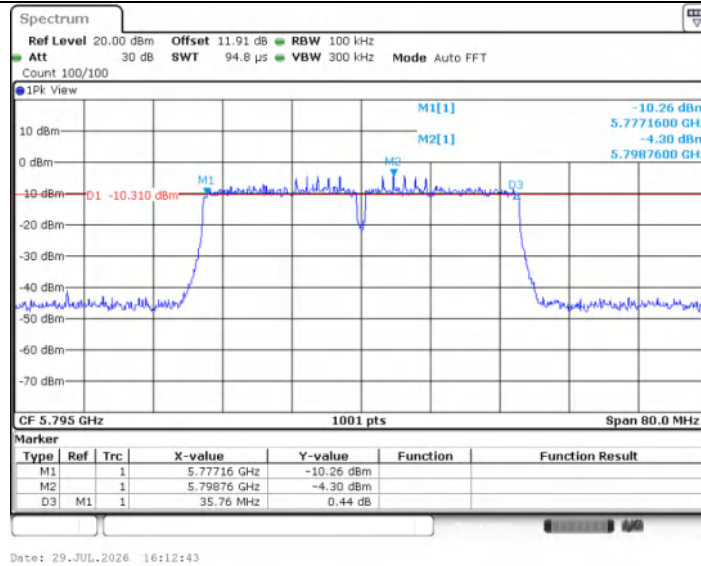
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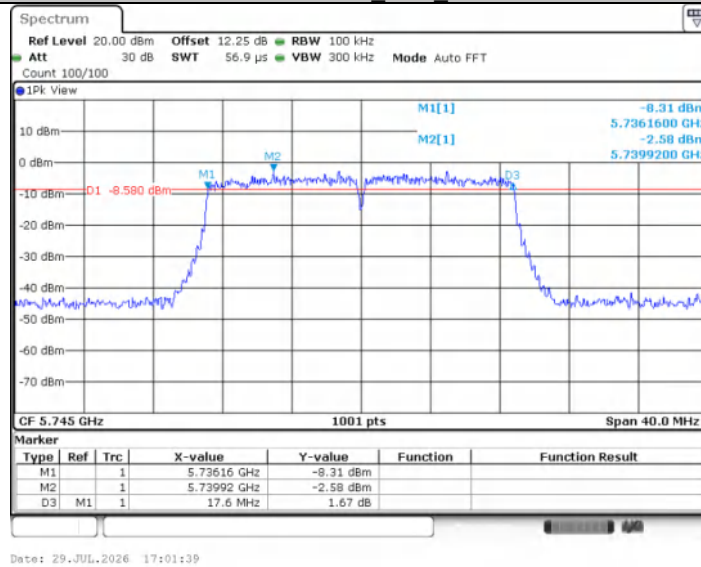
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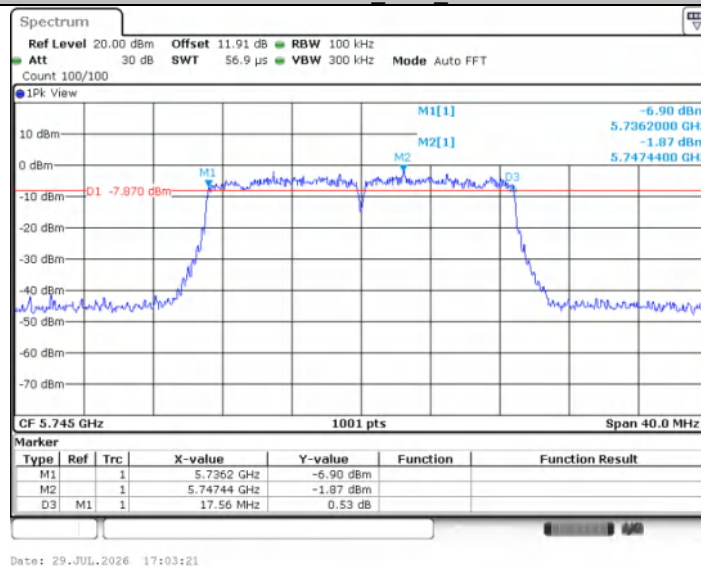
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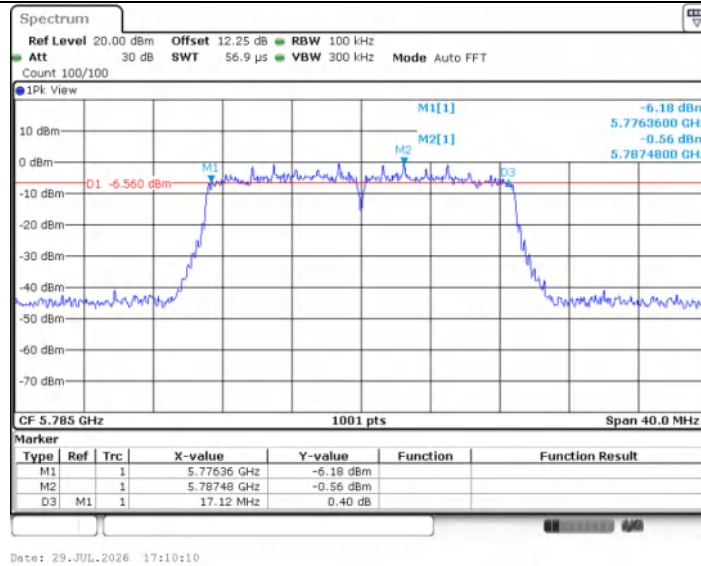
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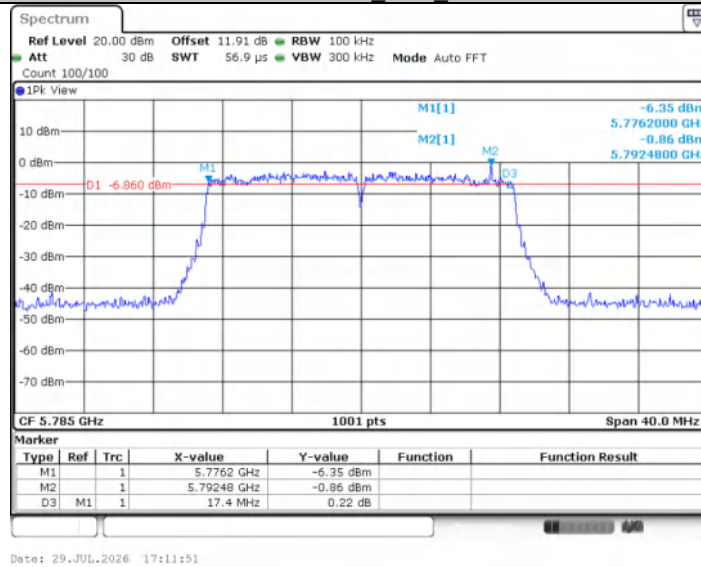
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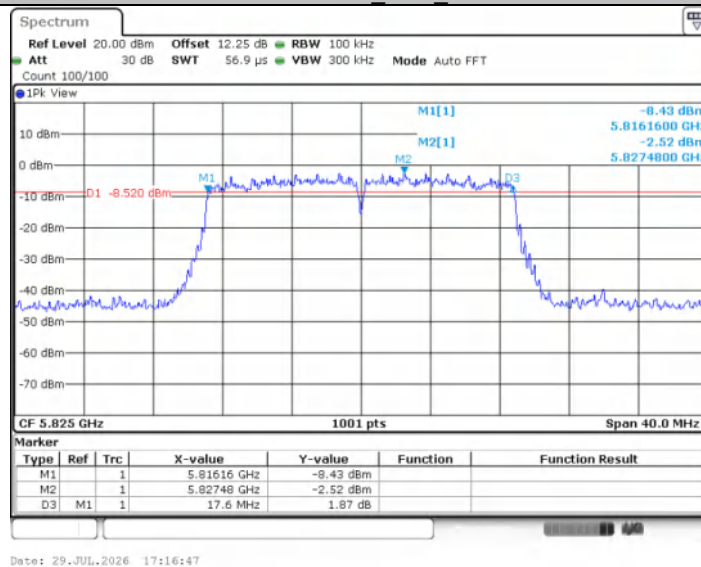
11AC20MIMO_Ant1_5785



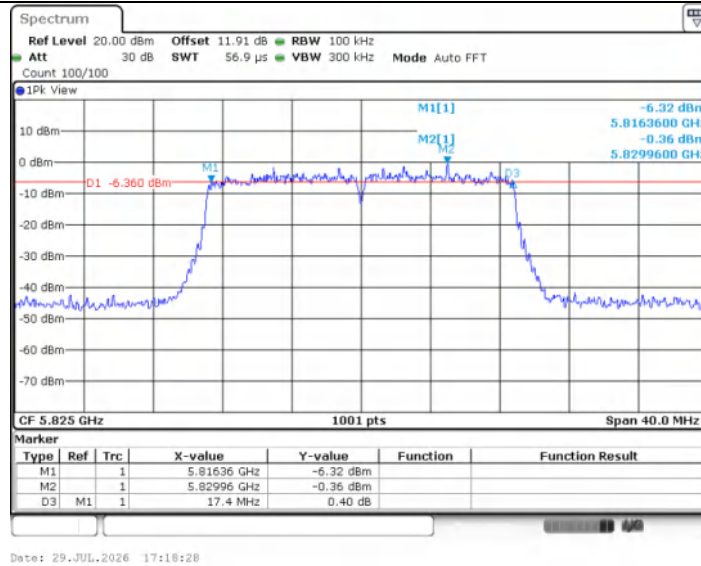
11AC20MIMO_Ant2_5785



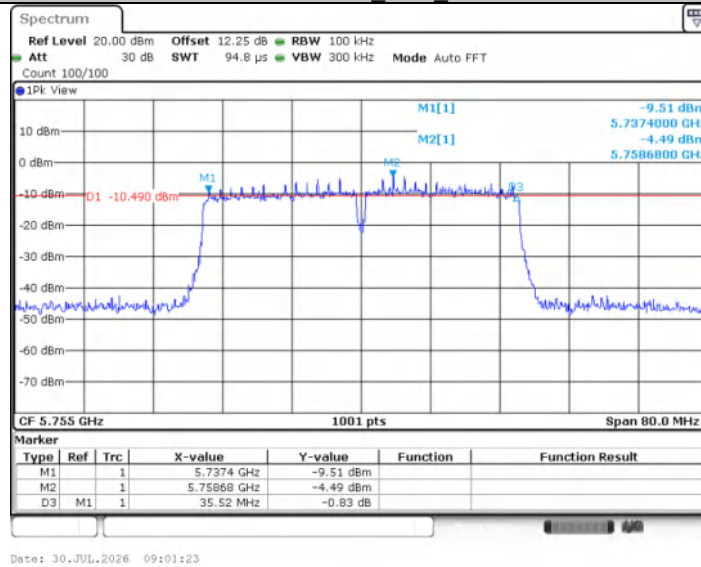
11AC20MIMO_Ant1_5825



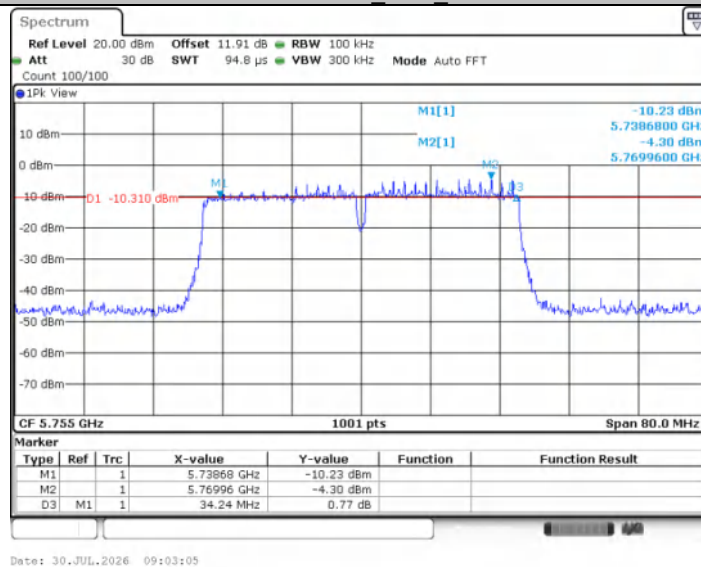
11AC20MIMO_Ant2_5825



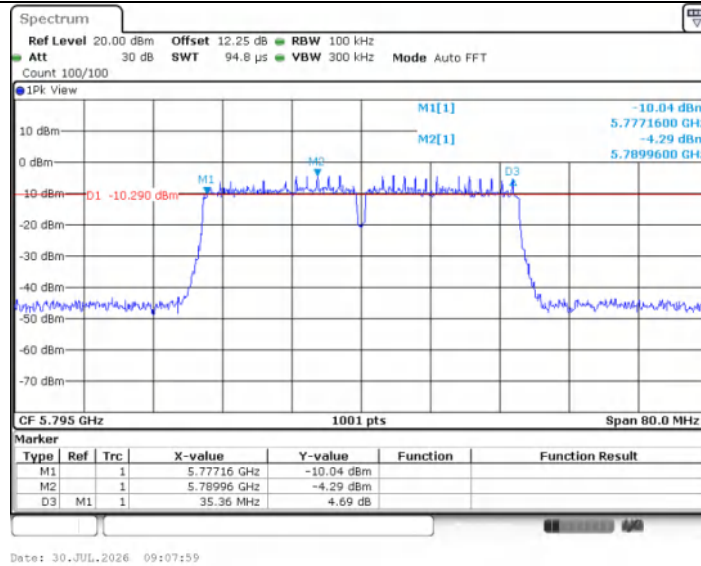
11AC40MIMO_Ant1_5755



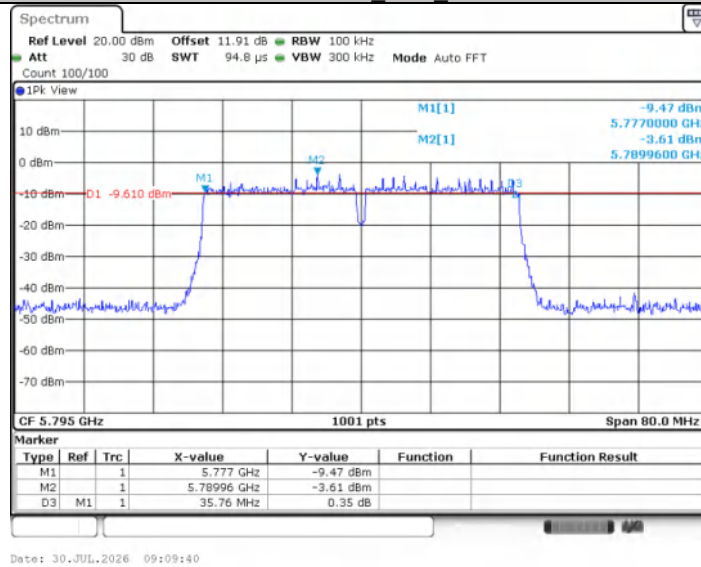
11AC40MIMO_Ant2_5755



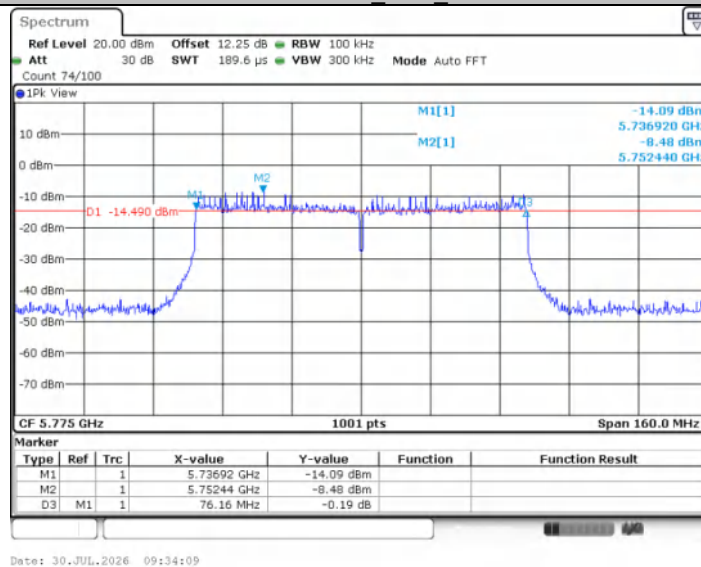
11AC40MIMO_Ant1_5795



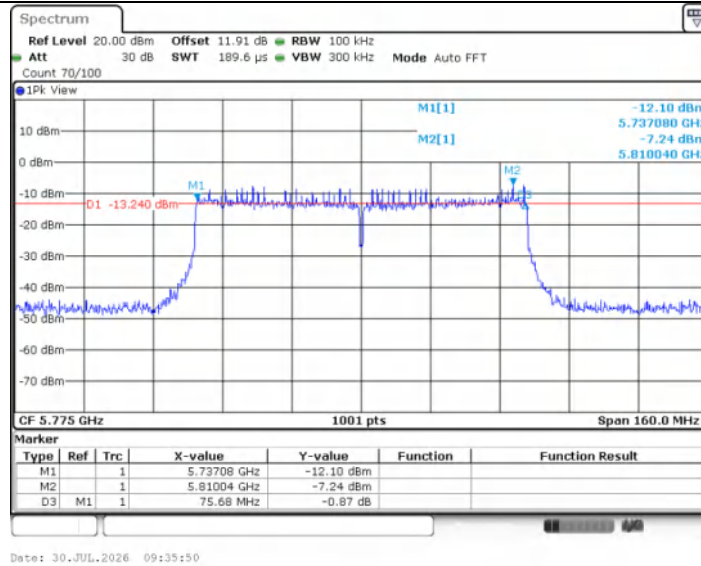
11AC40MIMO_Ant2_5795



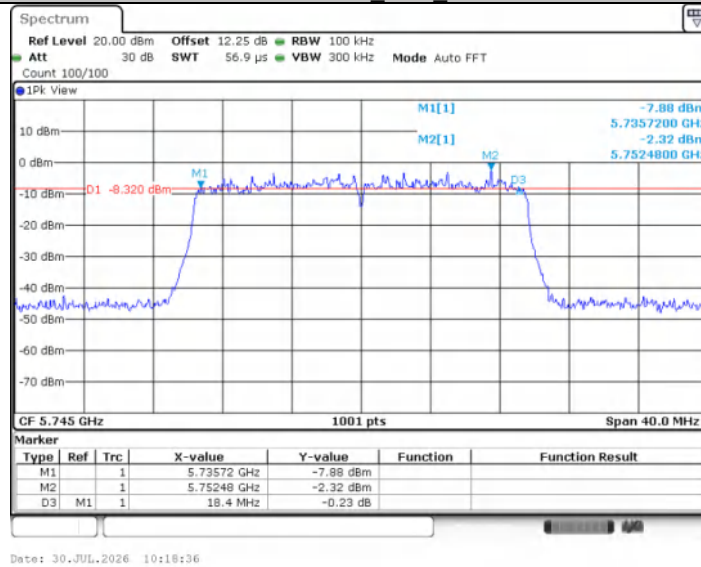
11AC80MIMO_Ant1_5775



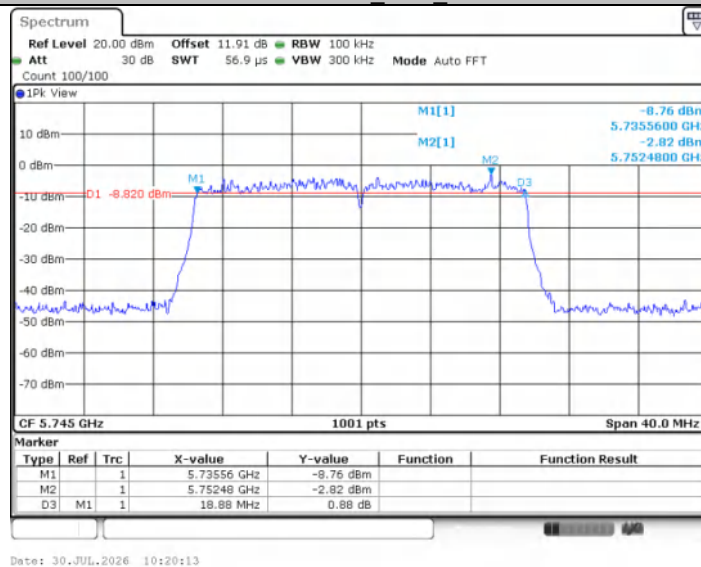
11AC80MIMO_Ant2_5775



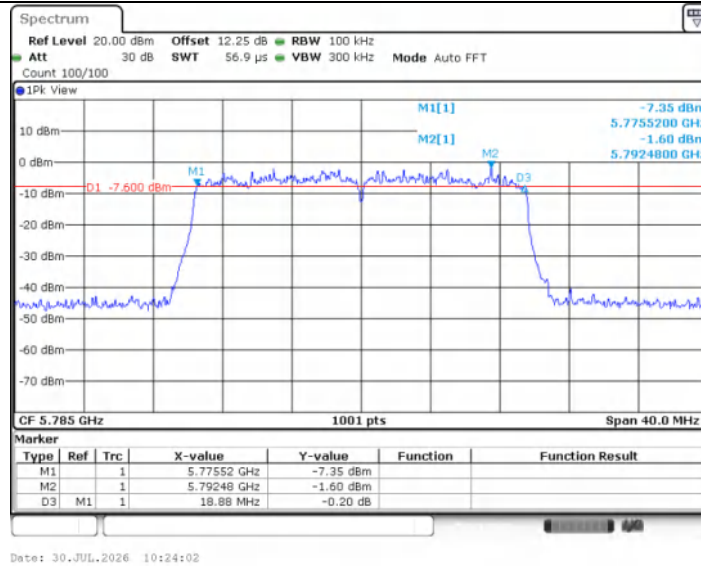
11AX20MIMO_Ant1_5745



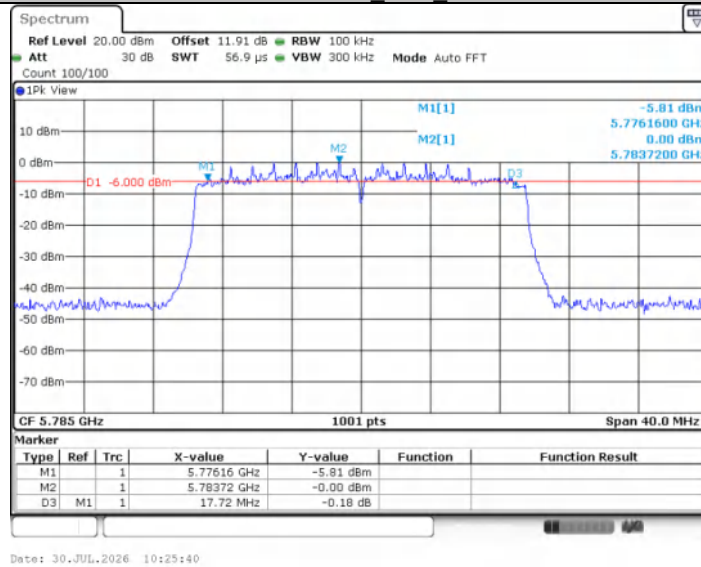
11AX20MIMO_Ant2_5745



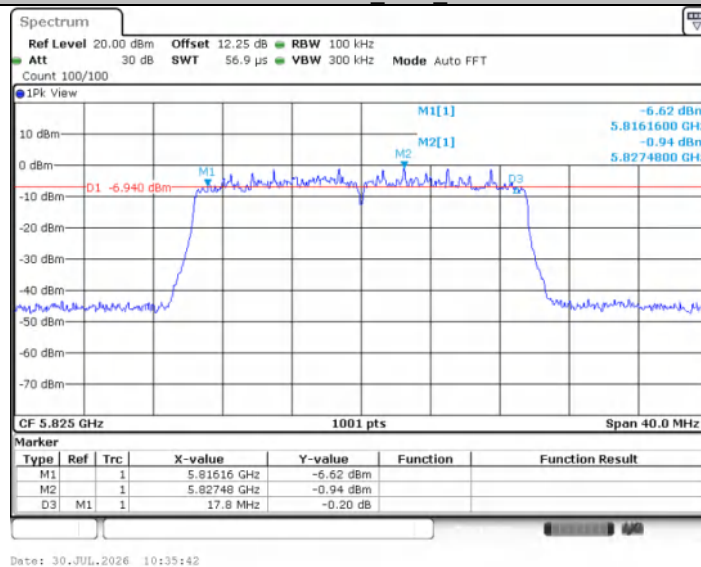
11AX20MIMO_Ant1_5785



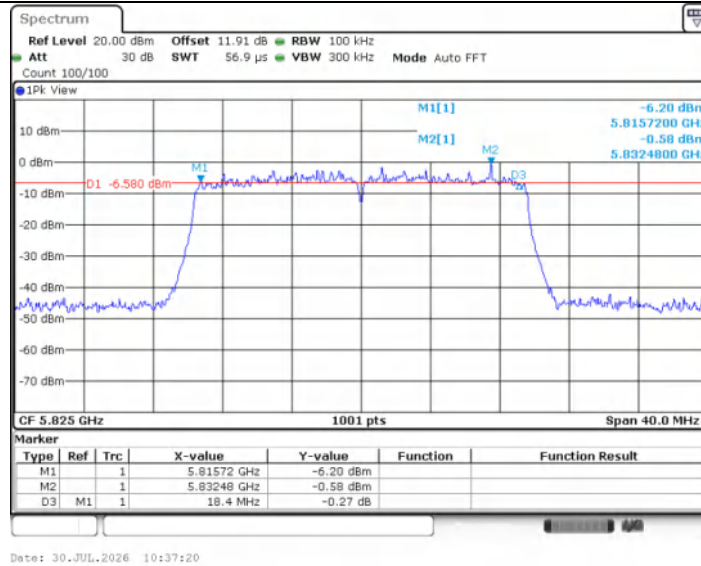
11AX20MIMO_Ant2_5785



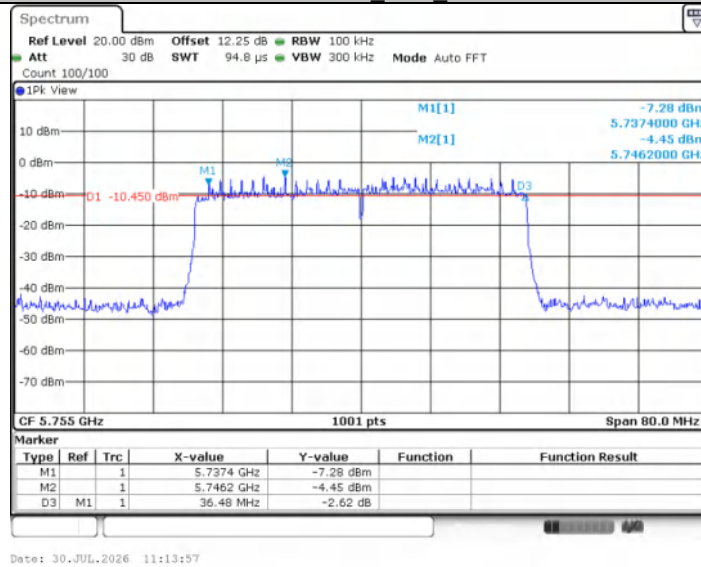
11AX20MIMO_Ant1_5825



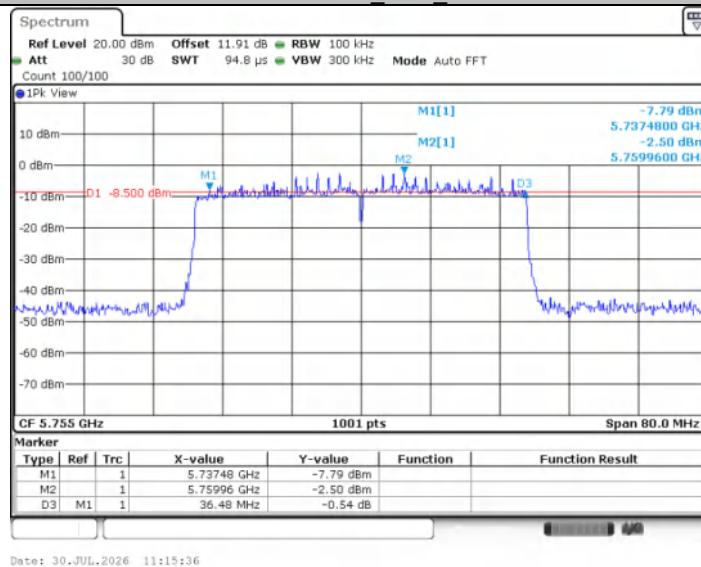
11AX20MIMO_Ant2_5825



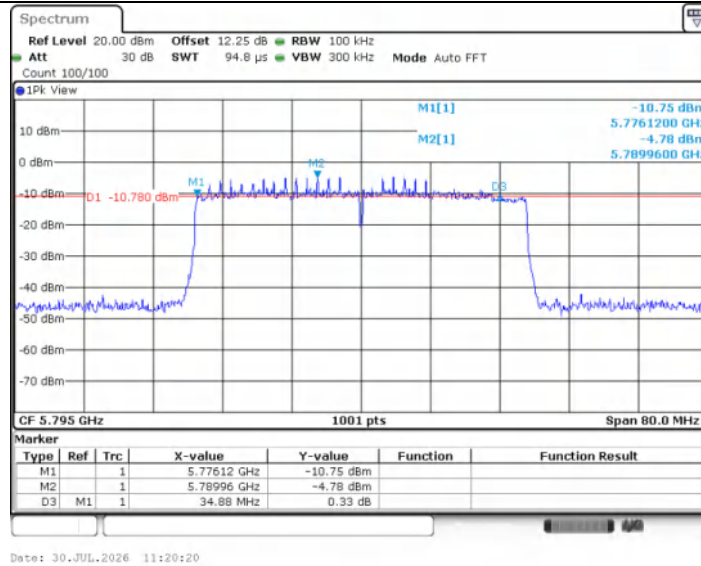
11AX40MIMO_Ant1_5755



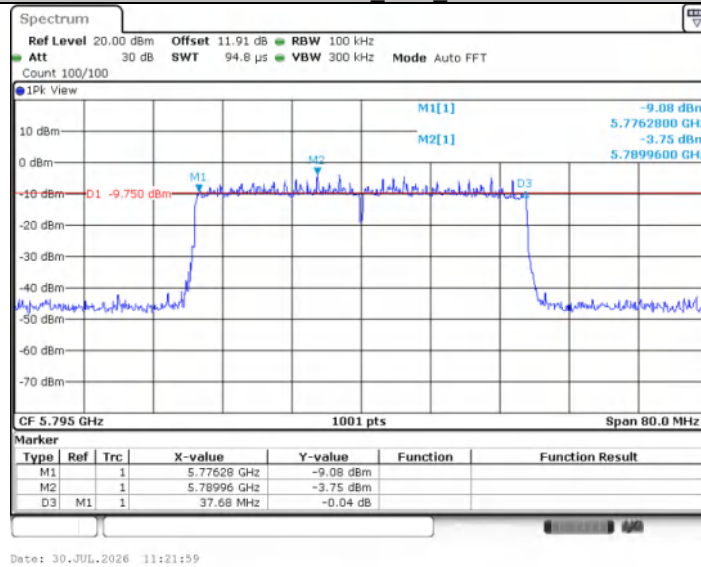
11AX40MIMO_Ant2_5755



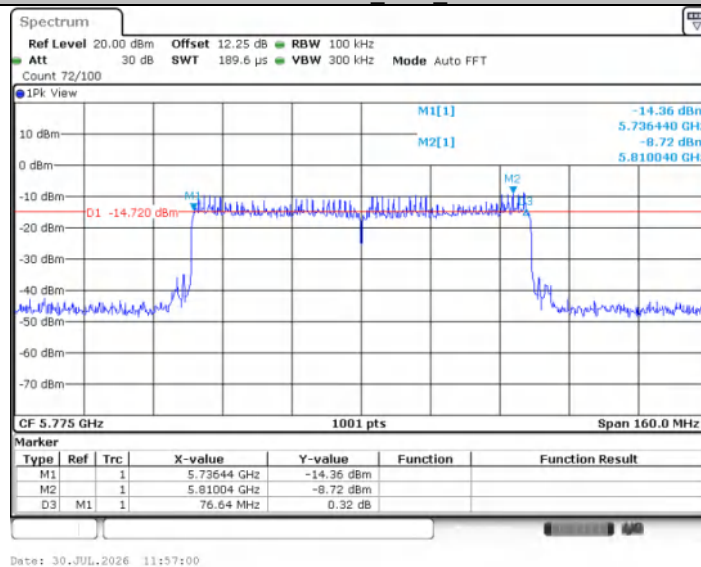
11AX40MIMO_Ant1_5795



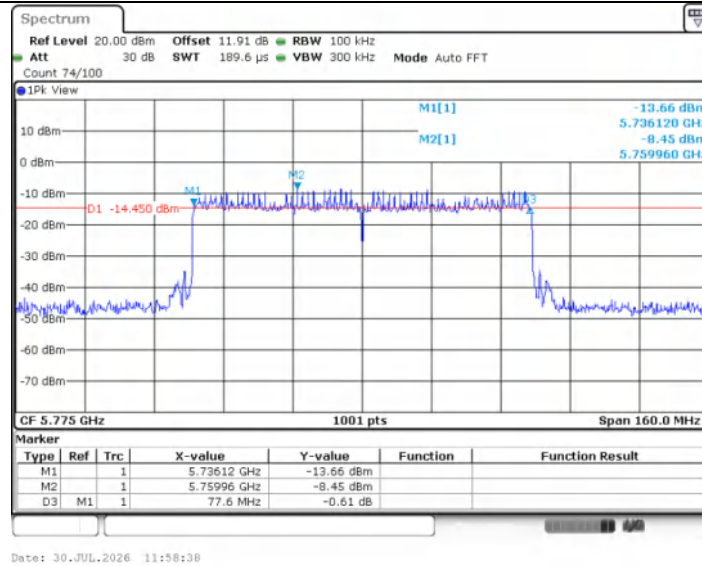
11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



3.5. Output Power

Limit

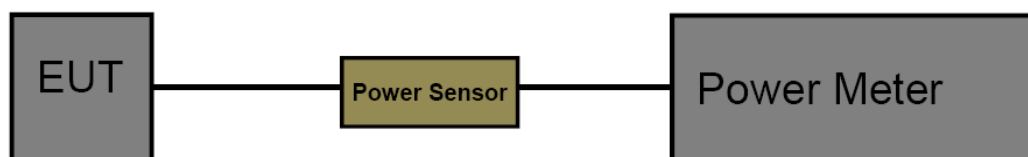
FCC CFR Title 47 Part 15 Subpart E Section 15.407(a)

Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	Fixed: 1 Watt (30dBm) Mobile and Portable: 250mW (24dBm)	5150~5250
	250mW (24dBm)	5250~5350
	250mW (24dBm)	5500~5700
	1 Watt (30dBm)	5725~5850

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IC Power&PSD Limit					
Frequency	Type of devices	Maximum Conducted Output Power	EIRP Output Power	Conducted Power Spectral Density	EIRP Power Spectral Density
5150MHz-5250MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices		200mW or $10 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		10dBm/MHz
5250MHz-5350MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices	250mW or $11 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5470MHz-5600MHz 5650MHz-5725MHz	ALL Devices	250mW or $11 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5725MHz-5850MHz	ALL Devices	1W		30dBm/500KHz	

Test Configuration



Test Procedure

The measurement is according to section 3 of KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Freq(MHz)	Average Power[dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	14.07	≤24	15.62	≤23	PASS
	Ant2	5180	14.55	≤24	16.64	≤23	PASS
	Ant1	5200	14.34	≤24	15.89	≤23	PASS
	Ant2	5200	14.50	≤24	16.59	≤23	PASS
	Ant1	5240	14.65	≤24	16.20	≤23	PASS
	Ant2	5240	14.14	≤24	16.23	≤23	PASS
	Ant1	5260	14.82	≤24	16.37	≤30	PASS
	Ant2	5260	14.14	≤24	16.23	≤30	PASS
	Ant1	5280	14.36	≤24	15.91	≤30	PASS
	Ant2	5280	14.76	≤24	16.85	≤30	PASS
	Ant1	5320	14.48	≤24	16.03	≤30	PASS
	Ant2	5320	14.90	≤24	16.99	≤30	PASS
	Ant1	5500	11.81	≤24	13.36	≤30	PASS
	Ant2	5500	11.76	≤24	13.85	≤30	PASS
	Ant1	5580	11.40	≤24	12.95	≤30	PASS
	Ant2	5580	11.72	≤24	13.81	≤30	PASS
	Ant1	5700	11.80	≤24	13.35	≤30	PASS
	Ant2	5700	12.57	≤24	14.66	≤30	PASS
	Ant1	5745	12.54	≤30	---	---	PASS
	Ant2	5745	12.58	≤30	---	---	PASS
	Ant1	5785	11.40	≤30	---	---	PASS
	Ant2	5785	11.30	≤30	---	---	PASS
	Ant1	5825	11.36	≤30	---	---	PASS
	Ant2	5825	11.41	≤30	---	---	PASS
11N20MIMO	Ant1	5180	11.97	≤24	13.52	≤23	PASS
	Ant2	5180	11.53	≤24	13.62	≤23	PASS
	total	5180	14.77	≤24	19.60	≤23	PASS
	Ant1	5200	11.99	≤24	13.54	≤23	PASS
	Ant2	5200	11.28	≤24	13.37	≤23	PASS
	total	5200	14.66	≤24	19.49	≤23	PASS
	Ant1	5240	11.30	≤24	12.85	≤23	PASS
	Ant2	5240	10.82	≤24	12.91	≤23	PASS
	total	5240	14.08	≤24	18.91	≤23	PASS
	Ant1	5260	11.46	≤24	13.01	≤30	PASS
	Ant2	5260	10.89	≤24	12.98	≤30	PASS
	total	5260	14.19	≤24	19.02	≤30	PASS
	Ant1	5280	11.89	≤24	13.44	≤30	PASS
	Ant2	5280	11.34	≤24	13.43	≤30	PASS
	total	5280	14.63	≤24	19.46	≤30	PASS
	Ant1	5320	11.84	≤24	13.39	≤30	PASS
	Ant2	5320	11.66	≤24	13.75	≤30	PASS
	total	5320	14.76	≤24	19.59	≤30	PASS
	Ant1	5500	6.73	≤24	8.28	≤30	PASS
	Ant2	5500	8.32	≤24	10.41	≤30	PASS
	total	5500	10.61	≤24	15.44	≤30	PASS
	Ant1	5580	6.95	≤24	8.50	≤30	PASS

	Ant2	5580	8.69	≤24	10.78	≤30	PASS
	total	5580	10.92	≤24	15.75	≤30	PASS
	Ant1	5700	6.47	≤24	8.02	≤30	PASS
	Ant2	5700	8.72	≤24	10.81	≤30	PASS
	total	5700	10.75	≤24	15.58	≤30	PASS
	Ant1	5745	6.45	≤30	---	---	PASS
	Ant2	5745	8.15	≤30	---	---	PASS
	total	5745	10.39	≤30	---	---	PASS
	Ant1	5785	8.51	≤30	---	---	PASS
	Ant2	5785	6.38	≤30	---	---	PASS
	total	5785	10.58	≤30	---	---	PASS
	Ant1	5825	6.30	≤30	---	---	PASS
	Ant2	5825	7.78	≤30	---	---	PASS
	total	5825	10.11	≤30	---	---	PASS
11N40MIMO	Ant1	5190	10.95	≤24	12.50	≤23	PASS
	Ant2	5190	10.43	≤24	12.52	≤23	PASS
	total	5190	13.71	≤24	18.54	≤23	PASS
	Ant1	5230	10.35	≤24	11.90	≤23	PASS
	Ant2	5230	10.02	≤24	12.11	≤23	PASS
	total	5230	13.20	≤24	18.03	≤23	PASS
	Ant1	5270	10.08	≤24	11.63	≤30	PASS
	Ant2	5270	9.94	≤24	12.03	≤30	PASS
	total	5270	13.02	≤24	17.85	≤30	PASS
	Ant1	5310	10.96	≤24	12.51	≤30	PASS
	Ant2	5310	10.77	≤24	12.86	≤30	PASS
	total	5310	13.88	≤24	18.71	≤30	PASS
	Ant1	5510	8.03	≤24	9.58	≤30	PASS
	Ant2	5510	5.85	≤24	7.94	≤30	PASS
	total	5510	10.09	≤24	14.92	≤30	PASS
	Ant1	5550	7.60	≤24	9.15	≤30	PASS
	Ant2	5550	6.89	≤24	8.98	≤30	PASS
	total	5550	10.27	≤24	15.10	≤30	PASS
	Ant1	5670	6.02	≤24	7.57	≤30	PASS
	Ant2	5670	8.00	≤24	10.09	≤30	PASS
	total	5670	10.13	≤24	14.96	≤30	PASS
	Ant1	5755	6.96	≤30	---	---	PASS
	Ant2	5755	7.76	≤30	---	---	PASS
	total	5755	10.39	≤30	---	---	PASS
	Ant1	5795	8.22	≤30	---	---	PASS
	Ant2	5795	7.11	≤30	---	---	PASS
	total	5795	10.71	≤30	---	---	PASS
11AC20MIMO	Ant1	5180	11.86	≤24	13.41	≤23	PASS
	Ant2	5180	11.18	≤24	13.27	≤23	PASS
	total	5180	14.54	≤24	19.37	≤23	PASS
	Ant1	5200	11.94	≤24	13.49	≤23	PASS
	Ant2	5200	11.19	≤24	13.28	≤23	PASS
	total	5200	14.59	≤24	19.42	≤23	PASS
	Ant1	5240	11.26	≤24	12.81	≤23	PASS
	Ant2	5240	10.87	≤24	12.96	≤23	PASS
	total	5240	14.08	≤24	18.91	≤23	PASS
	Ant1	5260	11.40	≤24	12.95	≤30	PASS
	Ant2	5260	10.74	≤24	12.83	≤30	PASS
	total	5260	14.09	≤24	18.92	≤30	PASS
	Ant1	5280	11.84	≤24	13.39	≤30	PASS
	Ant2	5280	11.35	≤24	13.44	≤30	PASS
	total	5280	14.61	≤24	19.44	≤30	PASS
	Ant1	5320	12.00	≤24	13.55	≤30	PASS
	Ant2	5320	11.49	≤24	13.58	≤30	PASS
	total	5320	14.76	≤24	19.59	≤30	PASS
	Ant1	5500	6.68	≤24	8.23	≤30	PASS

	Ant2	5500	7.90	≤24	9.99	≤30	PASS
	total	5500	10.34	≤24	15.17	≤30	PASS
	Ant1	5580	6.07	≤24	7.62	≤30	PASS
	Ant2	5580	7.94	≤24	10.03	≤30	PASS
	total	5580	10.12	≤24	14.95	≤30	PASS
	Ant1	5700	8.47	≤24	10.02	≤30	PASS
	Ant2	5700	6.58	≤24	8.67	≤30	PASS
	total	5700	10.64	≤24	15.47	≤30	PASS
	Ant1	5745	8.96	≤30	---	---	PASS
	Ant2	5745	6.09	≤30	---	---	PASS
	total	5745	10.77	≤30	---	---	PASS
	Ant1	5785	8.61	≤30	---	---	PASS
	Ant2	5785	6.22	≤30	---	---	PASS
	total	5785	10.59	≤30	---	---	PASS
	Ant1	5825	8.31	≤30	---	---	PASS
	Ant2	5825	6.20	≤30	---	---	PASS
	total	5825	10.39	≤30	---	---	PASS
11AC40MIMO	Ant1	5190	10.80	≤24	12.35	≤23	PASS
	Ant2	5190	10.49	≤24	12.58	≤23	PASS
	total	5190	13.66	≤24	18.49	≤23	PASS
	Ant1	5230	10.34	≤24	11.89	≤23	PASS
	Ant2	5230	10.11	≤24	12.20	≤23	PASS
	total	5230	13.24	≤24	18.07	≤23	PASS
	Ant1	5270	10.08	≤24	11.63	≤30	PASS
	Ant2	5270	9.81	≤24	11.90	≤30	PASS
	total	5270	12.96	≤24	17.79	≤30	PASS
	Ant1	5310	10.93	≤24	12.48	≤30	PASS
	Ant2	5310	10.83	≤24	12.92	≤30	PASS
	total	5310	13.89	≤24	18.72	≤30	PASS
	Ant1	5510	8.66	≤24	10.21	≤30	PASS
	Ant2	5510	5.92	≤24	8.01	≤30	PASS
	total	5510	10.51	≤24	15.34	≤30	PASS
	Ant1	5550	8.12	≤24	9.67	≤30	PASS
	Ant2	5550	7.44	≤24	9.53	≤30	PASS
	total	5550	10.80	≤24	15.63	≤30	PASS
	Ant1	5670	6.80	≤24	8.35	≤30	PASS
	Ant2	5670	8.47	≤24	10.56	≤30	PASS
	total	5670	10.73	≤24	15.56	≤30	PASS
	Ant1	5755	6.87	≤30	---	---	PASS
	Ant2	5755	7.43	≤30	---	---	PASS
	total	5755	10.17	≤30	---	---	PASS
	Ant1	5795	8.16	≤30	---	---	PASS
	Ant2	5795	6.52	≤30	---	---	PASS
	total	5795	10.43	≤30	---	---	PASS
11AC80MIMO	Ant1	5210	9.51	≤24	11.06	≤23	PASS
	Ant2	5210	9.45	≤24	11.54	≤23	PASS
	total	5210	12.49	≤24	17.32	≤23	PASS
	Ant1	5290	9.23	≤24	10.78	≤30	PASS
	Ant2	5290	8.93	≤24	11.02	≤30	PASS
	total	5290	12.09	≤24	16.92	≤30	PASS
	Ant1	5530	9.14	≤24	10.69	≤30	PASS
	Ant2	5530	6.37	≤24	8.46	≤30	PASS
	total	5530	10.98	≤24	15.81	≤30	PASS
	Ant1	5610	8.69	≤24	10.24	≤30	PASS
	Ant2	5610	6.93	≤24	9.02	≤30	PASS
	total	5610	10.91	≤24	15.74	≤30	PASS
	Ant1	5775	8.53	≤30	---	---	PASS
	Ant2	5775	6.15	≤30	---	---	PASS
	total	5775	10.51	≤30	---	---	PASS
11AX20MIMO	Ant1	5180	11.34	≤24	12.89	≤23	PASS

	Ant2	5180	10.64	≤24	12.73	≤23	PASS
	total	5180	14.01	≤24	18.84	≤23	PASS
	Ant1	5200	11.38	≤24	12.93	≤23	PASS
	Ant2	5200	10.72	≤24	12.81	≤23	PASS
	total	5200	14.07	≤24	18.90	≤23	PASS
	Ant1	5240	11.81	≤24	13.36	≤23	PASS
	Ant2	5240	11.37	≤24	13.46	≤23	PASS
	total	5240	14.61	≤24	19.44	≤23	PASS
	Ant1	5260	11.64	≤24	13.19	≤30	PASS
	Ant2	5260	11.42	≤24	13.51	≤30	PASS
	total	5260	14.54	≤24	19.37	≤30	PASS
	Ant1	5280	11.16	≤24	12.71	≤30	PASS
	Ant2	5280	10.60	≤24	12.69	≤30	PASS
	total	5280	13.90	≤24	18.73	≤30	PASS
	Ant1	5320	10.96	≤24	12.51	≤30	PASS
	Ant2	5320	10.90	≤24	12.99	≤30	PASS
	total	5320	13.94	≤24	18.77	≤30	PASS
	Ant1	5500	6.36	≤24	7.91	≤30	PASS
	Ant2	5500	7.58	≤24	9.67	≤30	PASS
	total	5500	10.02	≤24	14.85	≤30	PASS
	Ant1	5580	6.71	≤24	8.26	≤30	PASS
	Ant2	5580	8.48	≤24	10.57	≤30	PASS
	total	5580	10.69	≤24	15.52	≤30	PASS
	Ant1	5700	8.84	≤24	10.39	≤30	PASS
	Ant2	5700	6.69	≤24	8.78	≤30	PASS
	total	5700	10.91	≤24	15.74	≤30	PASS
	Ant1	5745	5.79	≤30	---	---	PASS
	Ant2	5745	7.88	≤30	---	---	PASS
	total	5745	9.97	≤30	---	---	PASS
	Ant1	5785	7.55	≤30	---	---	PASS
	Ant2	5785	6.19	≤30	---	---	PASS
	total	5785	9.93	≤30	---	---	PASS
	Ant1	5825	6.22	≤30	---	---	PASS
	Ant2	5825	7.72	≤30	---	---	PASS
	total	5825	10.04	≤30	---	---	PASS
11AX40MIMO	Ant1	5190	10.11	≤24	11.66	≤23	PASS
	Ant2	5190	9.69	≤24	11.78	≤23	PASS
	total	5190	12.92	≤24	17.75	≤23	PASS
	Ant1	5230	10.36	≤24	11.91	≤23	PASS
	Ant2	5230	10.47	≤24	12.56	≤23	PASS
	total	5230	13.43	≤24	18.26	≤23	PASS
	Ant1	5270	10.21	≤24	11.76	≤30	PASS
	Ant2	5270	9.98	≤24	12.07	≤30	PASS
	total	5270	13.11	≤24	17.94	≤30	PASS
	Ant1	5310	10.00	≤24	11.55	≤30	PASS
	Ant2	5310	9.82	≤24	11.91	≤30	PASS
	total	5310	12.92	≤24	17.75	≤30	PASS
	Ant1	5510	6.55	≤24	8.10	≤30	PASS
	Ant2	5510	8.45	≤24	10.54	≤30	PASS
	total	5510	10.61	≤24	15.44	≤30	PASS
	Ant1	5550	7.83	≤24	9.38	≤30	PASS
	Ant2	5550	7.57	≤24	9.66	≤30	PASS
	total	5550	10.71	≤24	15.54	≤30	PASS
	Ant1	5670	6.12	≤24	7.67	≤30	PASS
	Ant2	5670	8.82	≤24	10.91	≤30	PASS
	total	5670	10.69	≤24	15.52	≤30	PASS
	Ant1	5755	8.46	≤30	---	---	PASS
	Ant2	5755	6.41	≤30	---	---	PASS
	total	5755	10.57	≤30	---	---	PASS
	Ant1	5795	7.59	≤30	---	---	PASS

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Master TRF : Dated 2026-06-01

	Ant2	5795	6.44	≤30	---	---	PASS
	total	5795	10.06	≤30	---	---	PASS
11AX80MIMO	Ant1	5210	9.61	≤24	11.16	≤23	PASS
	Ant2	5210	9.63	≤24	11.72	≤23	PASS
	total	5210	12.63	≤24	17.46	≤23	PASS
	Ant1	5290	9.27	≤24	10.82	≤30	PASS
	Ant2	5290	9.01	≤24	11.10	≤30	PASS
	total	5290	12.15	≤24	16.98	≤30	PASS
	Ant1	5530	7.79	≤24	9.34	≤30	PASS
	Ant2	5530	7.59	≤24	9.68	≤30	PASS
	total	5530	10.70	≤24	15.53	≤30	PASS
	Ant1	5610	7.07	≤24	8.62	≤30	PASS
	Ant2	5610	7.88	≤24	9.97	≤30	PASS
	total	5610	10.50	≤24	15.33	≤30	PASS
	Ant1	5775	8.22	≤30	---	---	PASS
	Ant2	5775	7.50	≤30	---	---	PASS
	total	5775	10.89	≤30	---	---	PASS

Note: Total EIRP = Total Conducted Power + Directional Gain

3.6. Power Spectral Density

Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(a)

For the 5.15~5.25GHz band:

- Outdoor AP
The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 17 - (G_{TX} - 6)$.
- Indoor AP
The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 17 - (G_{TX} - 6)$.
- Point-to-point AP
The peak power spectral density (PSD) shall not exceed the lesser of 17dBm/MHz.
If $G_{TX} > 23\text{dBi}$, then $\text{PSD} = 17 - (G_{TX} - 23)$.
- Client devices
The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 11 - (G_{TX} - 6)$.

For the 5.25~5.35GHz band:

The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 11 - (G_{TX} - 6)$.

For the 5.47~5.725GHz band:

The peak power spectral density (PSD) shall not exceed the lesser of 11dBm/MHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 11 - (G_{TX} - 6)$.

For the 5.725~5.85GHz band:

- Point-to-multipoint systems (P2M)
The peak power spectral density (PSD) shall not exceed the lesser of 30dBm/500kHz.
If $G_{TX} > 6\text{dBi}$, then $\text{PSD} = 30 - (G_{TX} - 6)$.
- Point-to-point systems (P2P)
The peak power spectral density (PSD) shall not exceed the lesser of 30dBm/500kHz.

Note: G_{TX} : EUT Antenna gain.

RSS-247 7.3

IC Power&PSD Limit					
Frequency	Type of devices	Maximum Conducted Output Power	EIRP Output Power	Conducted Power Spectral Density	EIRP Power Spectral Density
5150MHz~5250MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices		200mW or $10 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		10dBm/MHz
5250MHz~5350MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices	250mW or $11 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5470MHz~5600MHz 5650MHz~5725MHz	ALL Devices	250mW or $11 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10} B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5725MHz~5850MHz	ALL Devices	1W		30dBm/500KHz	

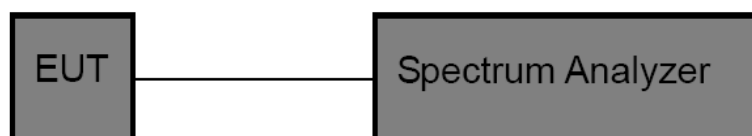
Test Configuration

CTC Laboratories, Inc.

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TRF No: CTC-TR-062_A5

Master TRF : Dated 2026-06-01



Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement is according to KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) (alternatively, the entire 99% OBW) of the signal.
- (4) RBW=1MHz for devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz
RBW=500kHz for devices operating in the band 5.725-5.85 GHz.
- (5) Set the VBW to: ≥ 3 RBW
- (6) Detector: AVG
- (7) Trace: Max Hold and View
- (7) Sweep time: auto
- (8) Trace average at least 100 traces in power averaging.
- (9) Use the peak marker function to determine the maximum amplitude level within the RBW. Apply correction to the result if different RBW is used.

NOTE: The EUT was set to continuously transmitting in each mode and low, middle and high channel for the test.

Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Freq(MHz)	Result [dBm/MHz]	Duty Cycle Factor	PSD [dBm/MHz]	Limit [dBm/MHz]	EIRP Result [dBm/MHz]	EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.64	0.06	2.70	≤ 11.00	4.25	≤ 10.00	PASS
	Ant2	5180	3.35	0.06	3.41	≤ 11.00	5.50	≤ 10.00	PASS
	Ant1	5200	3.19	0.03	3.22	≤ 11.00	4.77	≤ 10.00	PASS
	Ant2	5200	3.28	0.03	3.31	≤ 11.00	5.40	≤ 10.00	PASS
	Ant1	5240	3.14	0.06	3.20	≤ 11.00	4.75	≤ 10.00	PASS
	Ant2	5240	2.63	0.03	2.66	≤ 11.00	4.75	≤ 10.00	PASS
	Ant1	5260	3.50	0.03	3.53	≤ 11.00	---	---	PASS
	Ant2	5260	2.77	0.03	2.80	≤ 11.00	---	---	PASS
	Ant1	5280	3.14	0.03	3.17	≤ 11.00	---	---	PASS
	Ant2	5280	3.38	0.03	3.41	≤ 11.00	---	---	PASS
	Ant1	5320	3.20	0.06	3.26	≤ 11.00	---	---	PASS
	Ant2	5320	3.59	0.03	3.62	≤ 11.00	---	---	PASS
	Ant1	5500	0.53	0.03	0.56	≤ 11.00	---	---	PASS
	Ant2	5500	0.12	0.06	0.18	≤ 11.00	---	---	PASS
	Ant1	5580	0.17	0.06	0.23	≤ 11.00	---	---	PASS
	Ant2	5580	0.45	0.03	0.48	≤ 11.00	---	---	PASS
	Ant1	5700	0.58	0.03	0.61	≤ 11.00	---	---	PASS
	Ant2	5700	1.59	0.03	1.62	≤ 11.00	---	---	PASS
	Ant1	5745	-1.57	0.03	-1.54	≤ 30.00	---	---	PASS
	Ant2	5745	-1.67	0.06	-1.61	≤ 30.00	---	---	PASS
	Ant1	5785	-2.84	0.03	-2.81	≤ 30.00	---	---	PASS
	Ant2	5785	-2.77	0.06	-2.71	≤ 30.00	---	---	PASS

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	Ant1	5825	-2.87	0.03	-2.84	≤30.00	---	---	PASS
	Ant2	5825	-2.77	0.06	-2.71	≤30.00	---	---	PASS
11N20MIMO	Ant1	5180	0.19	0.04	0.23	≤11.00	1.78	≤10.00	PASS
	Ant2	5180	0.01	0.04	0.05	≤11.00	2.14	≤10.00	PASS
	total	5180	3.11	/	3.15	≤11.00	7.98	≤10.00	PASS
	Ant1	5200	0.52	0.08	0.60	≤11.00	2.15	≤10.00	PASS
	Ant2	5200	-0.16	0.04	-0.12	≤11.00	1.97	≤10.00	PASS
	total	5200	3.20	/	3.26	≤11.00	8.09	≤10.00	PASS
	Ant1	5240	-0.38	0.04	-0.34	≤11.00	1.21	≤10.00	PASS
	Ant2	5240	-0.66	0.07	-0.59	≤11.00	1.50	≤10.00	PASS
	total	5240	2.49	/	2.55	≤11.00	7.38	≤10.00	PASS
	Ant1	5260	-0.04	0.04	0.00	≤11.00	---	---	PASS
	Ant2	5260	-0.74	0.04	-0.70	≤11.00	---	---	PASS
	total	5260	2.63	/	2.67	≤11.00	---	---	PASS
	Ant1	5280	0.47	0.04	0.51	≤11.00	---	---	PASS
	Ant2	5280	-0.24	0.04	-0.20	≤11.00	---	---	PASS
	total	5280	3.14	/	3.18	≤11.00	---	---	PASS
	Ant1	5320	0.66	0.07	0.73	≤11.00	---	---	PASS
	Ant2	5320	0.24	0.04	0.28	≤11.00	---	---	PASS
	total	5320	3.47	/	3.52	≤11.00	---	---	PASS
	Ant1	5500	-4.60	0.04	-4.56	≤11.00	---	---	PASS
	Ant2	5500	-3.01	0.04	-2.97	≤11.00	---	---	PASS
	total	5500	-0.72	/	-0.68	≤11.00	---	---	PASS
	Ant1	5580	-4.92	0.08	-4.84	≤11.00	---	---	PASS
	Ant2	5580	-2.58	0.04	-2.54	≤11.00	---	---	PASS
	total	5580	-0.58	/	-0.53	≤11.00	---	---	PASS
	Ant1	5700	-5.18	0.08	-5.10	≤11.00	---	---	PASS
	Ant2	5700	-2.63	0.04	-2.59	≤11.00	---	---	PASS
	total	5700	-0.71	/	-0.66	≤11.00	---	---	PASS
	Ant1	5745	-8.03	0.04	-7.99	≤30.00	---	---	PASS
	Ant2	5745	-6.35	0.08	-6.27	≤30.00	---	---	PASS
	total	5745	-4.10	/	-4.04	≤30.00	---	---	PASS
	Ant1	5785	-5.89	0.08	-5.81	≤30.00	---	---	PASS
	Ant2	5785	-8.05	0.04	-8.01	≤30.00	---	---	PASS
	total	5785	-3.83	/	-3.77	≤30.00	---	---	PASS
	Ant1	5825	-8.05	0.08	-7.97	≤30.00	---	---	PASS
	Ant2	5825	-6.30	0.04	-6.26	≤30.00	---	---	PASS
	total	5825	-4.08	/	-4.02	≤30.00	---	---	PASS
11N40MIMO	Ant1	5190	-3.27	0.08	-3.19	≤11.00	-1.64	≤10.00	PASS
	Ant2	5190	-3.95	0.08	-3.87	≤11.00	-1.78	≤10.00	PASS
	total	5190	-0.59	/	-0.51	≤11.00	4.32	≤10.00	PASS
	Ant1	5230	-4.09	0.07	-4.02	≤11.00	-2.47	≤10.00	PASS
	Ant2	5230	-4.56	0.08	-4.48	≤11.00	-2.39	≤10.00	PASS
	total	5230	-1.31	/	-1.23	≤11.00	3.60	≤10.00	PASS
	Ant1	5270	-4.55	0.08	-4.47	≤11.00	---	---	PASS
	Ant2	5270	-4.56	0.08	-4.48	≤11.00	---	---	PASS
	total	5270	-1.54	/	-1.47	≤11.00	---	---	PASS
	Ant1	5310	-3.55	0.15	-3.40	≤11.00	---	---	PASS
	Ant2	5310	-3.43	0.08	-3.35	≤11.00	---	---	PASS
	total	5310	-0.48	/	-0.37	≤11.00	---	---	PASS
	Ant1	5510	-6.33	0.15	-6.18	≤11.00	---	---	PASS
	Ant2	5510	-8.55	0.08	-8.47	≤11.00	---	---	PASS
	total	5510	-4.29	/	-4.17	≤11.00	---	---	PASS
	Ant1	5550	-6.61	0.08	-6.53	≤11.00	---	---	PASS
	Ant2	5550	-7.28	0.07	-7.21	≤11.00	---	---	PASS
	total	5550	-3.92	/	-3.85	≤11.00	---	---	PASS
	Ant1	5670	-8.16	0.07	-8.09	≤11.00	---	---	PASS
	Ant2	5670	-5.92	0.08	-5.84	≤11.00	---	---	PASS
	total	5670	-3.89	/	-3.81	≤11.00	---	---	PASS
	Ant1	5755	-10.01	0.15	-9.86	≤30.00	---	---	PASS
	Ant2	5755	-9.33	0.07	-9.26	≤30.00	---	---	PASS
	total	5755	-6.65	/	-6.54	≤30.00	---	---	PASS
	Ant1	5795	-9.05	0.08	-8.97	≤30.00	---	---	PASS
	Ant2	5795	-10.30	0.08	-10.22	≤30.00	---	---	PASS
	total	5795	-6.62	/	-6.54	≤30.00	---	---	PASS
11AC20MIM	Ant1	5180	0.54	0.04	0.58	≤11.00	2.13	≤10.00	PASS

O	Ant2	5180	-0.36	0.04	-0.32	≤11.00	1.77	≤10.00	PASS
	total	5180	3.12	/	3.16	≤11.00	7.99	≤10.00	PASS
	Ant1	5200	0.40	0.04	0.44	≤11.00	1.99	≤10.00	PASS
	Ant2	5200	-0.64	0.04	-0.60	≤11.00	1.49	≤10.00	PASS
	total	5200	2.92	/	2.96	≤11.00	7.79	≤10.00	PASS
	Ant1	5240	-0.38	0.04	-0.34	≤11.00	1.21	≤10.00	PASS
	Ant2	5240	-0.75	0.04	-0.71	≤11.00	1.38	≤10.00	PASS
	total	5240	2.45	/	2.49	≤11.00	7.32	≤10.00	PASS
	Ant1	5260	-0.16	0.04	-0.12	≤11.00	---	---	PASS
	Ant2	5260	-0.37	0.04	-0.33	≤11.00	---	---	PASS
	total	5260	2.75	/	2.78	≤11.00	---	---	PASS
	Ant1	5280	0.14	0.04	0.18	≤11.00	---	---	PASS
	Ant2	5280	-0.36	0.04	-0.32	≤11.00	---	---	PASS
	total	5280	2.91	/	2.94	≤11.00	---	---	PASS
	Ant1	5320	0.41	0.07	0.48	≤11.00	---	---	PASS
	Ant2	5320	0.07	0.04	0.11	≤11.00	---	---	PASS
	total	5320	3.25	/	3.31	≤11.00	---	---	PASS
	Ant1	5500	-4.99	0.04	-4.95	≤11.00	---	---	PASS
	Ant2	5500	-3.70	0.04	-3.66	≤11.00	---	---	PASS
	total	5500	-1.29	/	-1.25	≤11.00	---	---	PASS
	Ant1	5580	-5.28	0.04	-5.24	≤11.00	---	---	PASS
	Ant2	5580	-3.74	0.04	-3.70	≤11.00	---	---	PASS
	total	5580	-1.43	/	-1.39	≤11.00	---	---	PASS
	Ant1	5700	-3.16	0.04	-3.12	≤11.00	---	---	PASS
	Ant2	5700	-4.82	0.04	-4.78	≤11.00	---	---	PASS
	total	5700	-0.90	/	-0.86	≤11.00	---	---	PASS
	Ant1	5745	-5.33	0.04	-5.29	≤30.00	---	---	PASS
	Ant2	5745	-8.26	0.04	-8.22	≤30.00	---	---	PASS
	total	5745	-3.54	/	-3.50	≤30.00	---	---	PASS
	Ant1	5785	-5.72	0.04	-5.68	≤30.00	---	---	PASS
	Ant2	5785	-8.21	0.04	-8.17	≤30.00	---	---	PASS
	total	5785	-3.78	/	-3.74	≤30.00	---	---	PASS
	Ant1	5825	-6.00	0.07	-5.93	≤30.00	---	---	PASS
	Ant2	5825	-8.12	0.07	-8.05	≤30.00	---	---	PASS
	total	5825	-3.92	/	-3.85	≤30.00	---	---	PASS
11AC40MIM O	Ant1	5190	-3.80	0.08	-3.72	≤11.00	-2.17	≤10.00	PASS
	Ant2	5190	-4.08	0.07	-4.01	≤11.00	-1.92	≤10.00	PASS
	total	5190	-0.93	/	-0.85	≤11.00	3.98	≤10.00	PASS
	Ant1	5230	-4.26	0.07	-4.19	≤11.00	-2.64	≤10.00	PASS
	Ant2	5230	-4.64	0.07	-4.57	≤11.00	-2.48	≤10.00	PASS
	total	5230	-1.44	/	-1.36	≤11.00	3.47	≤10.00	PASS
	Ant1	5270	-4.33	0.08	-4.25	≤11.00	---	---	PASS
	Ant2	5270	-4.49	0.07	-4.42	≤11.00	---	---	PASS
	total	5270	-1.40	/	-1.32	≤11.00	---	---	PASS
	Ant1	5310	-3.32	0.07	-3.25	≤11.00	---	---	PASS
	Ant2	5310	-3.56	0.08	-3.48	≤11.00	---	---	PASS
	total	5310	-0.43	/	-0.35	≤11.00	---	---	PASS
	Ant1	5510	-5.24	0.15	-5.09	≤11.00	---	---	PASS
	Ant2	5510	-8.38	0.07	-8.31	≤11.00	---	---	PASS
	total	5510	-3.52	/	-3.40	≤11.00	---	---	PASS
	Ant1	5550	-6.26	0.07	-6.19	≤11.00	---	---	PASS
	Ant2	5550	-6.59	0.07	-6.52	≤11.00	---	---	PASS
	total	5550	-3.41	/	-3.34	≤11.00	---	---	PASS
	Ant1	5670	-7.20	0.15	-7.05	≤11.00	---	---	PASS
	Ant2	5670	-5.71	0.07	-5.64	≤11.00	---	---	PASS
	total	5670	-3.38	/	-3.28	≤11.00	---	---	PASS
	Ant1	5755	-10.15	0.08	-10.07	≤30.00	---	---	PASS
	Ant2	5755	-9.48	0.15	-9.33	≤30.00	---	---	PASS
	total	5755	-6.79	/	-6.68	≤30.00	---	---	PASS
11AC80MIM O	Ant1	5795	-9.06	0.08	-8.98	≤30.00	---	---	PASS
	Ant2	5795	-10.78	0.15	-10.63	≤30.00	---	---	PASS
	total	5795	-6.83	/	-6.72	≤30.00	---	---	PASS
	Ant1	5210	-7.74	0.15	-7.59	≤11.00	-6.04	≤10.00	PASS
11AC80MIM O	Ant2	5210	-7.45	0.15	-7.30	≤11.00	-5.21	≤10.00	PASS
	total	5210	-4.58	/	-4.44	≤11.00	0.39	≤10.00	PASS
	Ant1	5290	-8.00	0.15	-7.85	≤11.00	---	---	PASS

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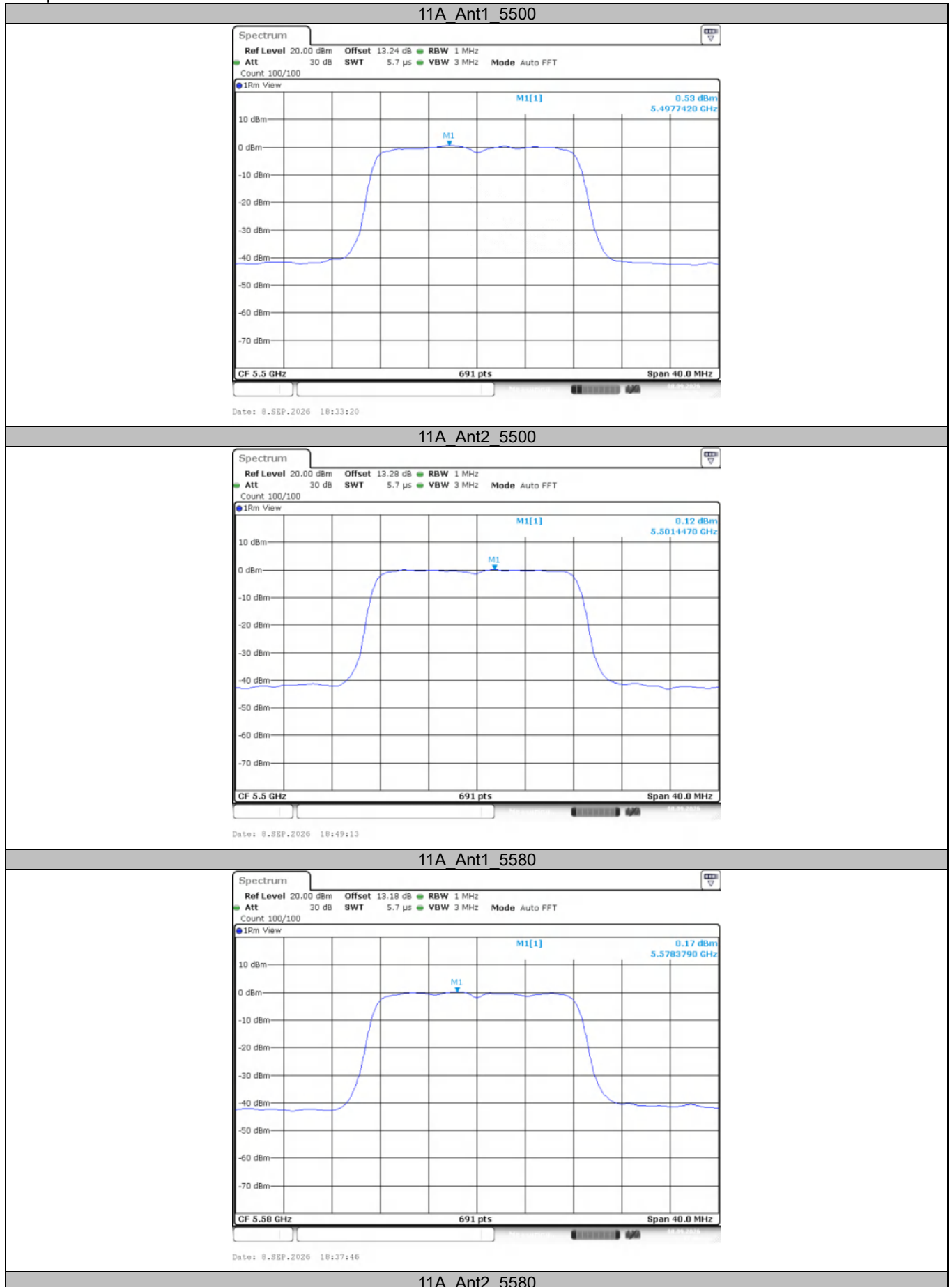
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	Ant2	5290	-8.35	0.15	-8.20	≤11.00	---	---	PASS
	total	5290	-5.16	/	-5.01	≤11.00	---	---	PASS
	Ant1	5530	-6.73	0.15	-6.58	≤11.00	---	---	PASS
	Ant2	5530	-10.91	0.15	-10.76	≤11.00	---	---	PASS
	total	5530	-5.33	/	-5.18	≤11.00	---	---	PASS
	Ant1	5610	-7.01	0.15	-6.86	≤11.00	---	---	PASS
	Ant2	5610	-9.59	0.15	-9.44	≤11.00	---	---	PASS
	total	5610	-5.10	/	-4.95	≤11.00	---	---	PASS
	Ant1	5775	-9.93	0.29	-9.64	≤30.00	---	---	PASS
	Ant2	5775	-14.09	0.15	-13.94	≤30.00	---	---	PASS
	total	5775	-8.52	/	-8.27	≤30.00	---	---	PASS
11AX20MIM O	Ant1	5180	-0.34	0.04	-0.30	≤11.00	1.25	≤10.00	PASS
	Ant2	5180	-1.18	0.04	-1.14	≤11.00	0.95	≤10.00	PASS
	total	5180	2.27	/	2.31	≤11.00	7.14	≤10.00	PASS
	Ant1	5200	-0.25	0.09	-0.16	≤11.00	1.39	≤10.00	PASS
	Ant2	5200	-1.00	0.04	-0.96	≤11.00	1.13	≤10.00	PASS
	total	5200	2.40	/	2.47	≤11.00	7.30	≤10.00	PASS
	Ant1	5240	0.56	0.09	0.65	≤11.00	2.20	≤10.00	PASS
	Ant2	5240	-0.27	0.04	-0.23	≤11.00	1.86	≤10.00	PASS
	total	5240	3.18	/	3.24	≤11.00	8.07	≤10.00	PASS
	Ant1	5260	0.09	0.04	0.13	≤11.00	---	---	PASS
	Ant2	5260	-0.29	0.04	-0.25	≤11.00	---	---	PASS
	total	5260	2.91	/	2.96	≤11.00	---	---	PASS
	Ant1	5280	-0.83	0.04	-0.79	≤11.00	---	---	PASS
	Ant2	5280	-1.17	0.09	-1.08	≤11.00	---	---	PASS
	total	5280	2.01	/	2.08	≤11.00	---	---	PASS
	Ant1	5320	-0.91	0.04	-0.87	≤11.00	---	---	PASS
	Ant2	5320	-0.93	0.04	-0.89	≤11.00	---	---	PASS
	total	5320	2.09	/	2.13	≤11.00	---	---	PASS
	Ant1	5500	-5.44	0.04	-5.40	≤11.00	---	---	PASS
	Ant2	5500	-3.83	0.04	-3.79	≤11.00	---	---	PASS
	total	5500	-1.55	/	-1.51	≤11.00	---	---	PASS
	Ant1	5580	-5.27	0.04	-5.23	≤11.00	---	---	PASS
	Ant2	5580	-2.84	0.04	-2.80	≤11.00	---	---	PASS
	total	5580	-0.88	/	-0.83	≤11.00	---	---	PASS
	Ant1	5700	-2.90	0.04	-2.86	≤11.00	---	---	PASS
	Ant2	5700	-5.34	0.04	-5.30	≤11.00	---	---	PASS
	total	5700	-0.94	/	-0.90	≤11.00	---	---	PASS
	Ant1	5745	-8.88	0.09	-8.79	≤30.00	---	---	PASS
	Ant2	5745	-6.70	0.09	-6.61	≤30.00	---	---	PASS
	total	5745	-4.64	/	-4.56	≤30.00	---	---	PASS
	Ant1	5785	-6.97	0.04	-6.93	≤30.00	---	---	PASS
	Ant2	5785	-8.20	0.04	-8.16	≤30.00	---	---	PASS
	total	5785	-4.53	/	-4.49	≤30.00	---	---	PASS
	Ant1	5825	-8.27	0.04	-8.23	≤30.00	---	---	PASS
	Ant2	5825	-6.81	0.04	-6.77	≤30.00	---	---	PASS
	total	5825	-4.47	/	-4.42	≤30.00	---	---	PASS
11AX40MIM O	Ant1	5190	-4.52	0.16	-4.36	≤11.00	-2.81	≤10.00	PASS
	Ant2	5190	-4.98	0.16	-4.82	≤11.00	-2.73	≤10.00	PASS
	total	5190	-1.73	/	-1.57	≤11.00	3.26	≤10.00	PASS
	Ant1	5230	-4.30	0.08	-4.22	≤11.00	-2.67	≤10.00	PASS
	Ant2	5230	-4.00	0.08	-3.92	≤11.00	-1.83	≤10.00	PASS
	total	5230	-1.14	/	-1.05	≤11.00	3.78	≤10.00	PASS
	Ant1	5270	-3.98	0.08	-3.90	≤11.00	---	---	PASS
	Ant2	5270	-4.47	0.16	-4.31	≤11.00	---	---	PASS
	total	5270	-1.21	/	-1.09	≤11.00	---	---	PASS
	Ant1	5310	-4.43	0.08	-4.35	≤11.00	---	---	PASS
	Ant2	5310	-4.75	0.08	-4.67	≤11.00	---	---	PASS
	total	5310	-1.58	/	-1.49	≤11.00	---	---	PASS
	Ant1	5510	-7.94	0.08	-7.86	≤11.00	---	---	PASS
	Ant2	5510	-5.80	0.08	-5.72	≤11.00	---	---	PASS
	total	5510	-3.73	/	-3.65	≤11.00	---	---	PASS
	Ant1	5550	-6.45	0.08	-6.37	≤11.00	---	---	PASS
	Ant2	5550	-6.81	0.08	-6.73	≤11.00	---	---	PASS
	total	5550	-3.62	/	-3.53	≤11.00	---	---	PASS
	Ant1	5670	-8.04	0.16	-7.88	≤11.00	---	---	PASS

	Ant2	5670	-5.26	0.08	-5.18	≤11.00	---	---	PASS
	total	5670	-3.42	/	-3.31	≤11.00	---	---	PASS
	Ant1	5755	-8.20	0.16	-8.04	≤30.00	---	---	PASS
	Ant2	5755	-10.10	0.16	-9.94	≤30.00	---	---	PASS
	total	5755	-6.04	/	-5.87	≤30.00	---	---	PASS
	Ant1	5795	-9.39	0.16	-9.23	≤30.00	---	---	PASS
	Ant2	5795	-10.47	0.08	-10.39	≤30.00	---	---	PASS
	total	5795	-6.89	/	-6.76	≤30.00	---	---	PASS
11AX80MIM O	Ant1	5210	-7.81	0.15	-7.66	≤11.00	-6.11	≤10.00	PASS
	Ant2	5210	-7.83	0.31	-7.52	≤11.00	-5.43	≤10.00	PASS
	total	5210	-4.81	/	-4.58	≤11.00	0.25	≤10.00	PASS
	Ant1	5290	-8.18	0.15	-8.03	≤11.00	---	---	PASS
	Ant2	5290	-8.06	0.15	-7.91	≤11.00	---	---	PASS
	total	5290	-5.11	/	-4.96	≤11.00	---	---	PASS
	Ant1	5530	-7.91	0.15	-7.76	≤11.00	---	---	PASS
	Ant2	5530	-9.24	0.15	-9.09	≤11.00	---	---	PASS
	total	5530	-5.51	/	-5.36	≤11.00	---	---	PASS
	Ant1	5610	-9.39	0.15	-9.24	≤11.00	---	---	PASS
	Ant2	5610	-7.35	0.15	-7.20	≤11.00	---	---	PASS
	total	5610	-5.24	/	-5.09	≤11.00	---	---	PASS
	Ant1	5775	-9.37	0.15	-9.22	≤30.00	---	---	PASS
	Ant2	5775	-11.51	0.31	-11.20	≤30.00	---	---	PASS
	total	5775	-7.30	/	-7.09	≤30.00	---	---	PASS

Note: Total EIRP = Total Conducted Power + Directional Gain

Test plot as follows:

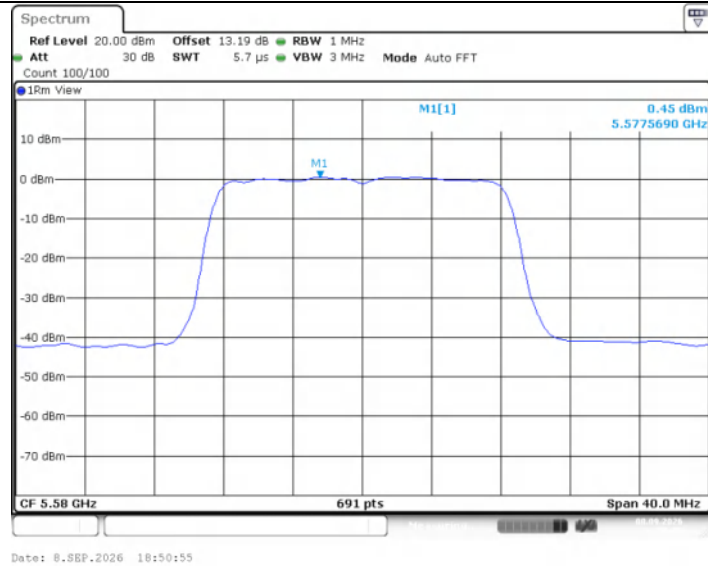


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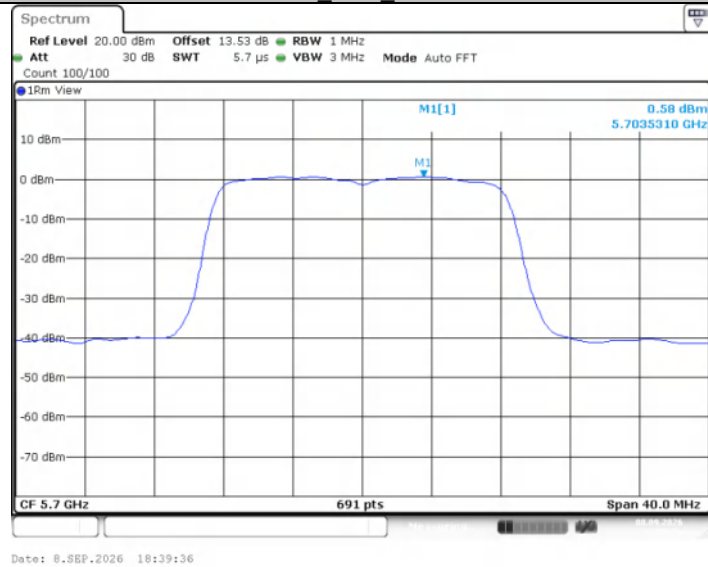
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-062_A5

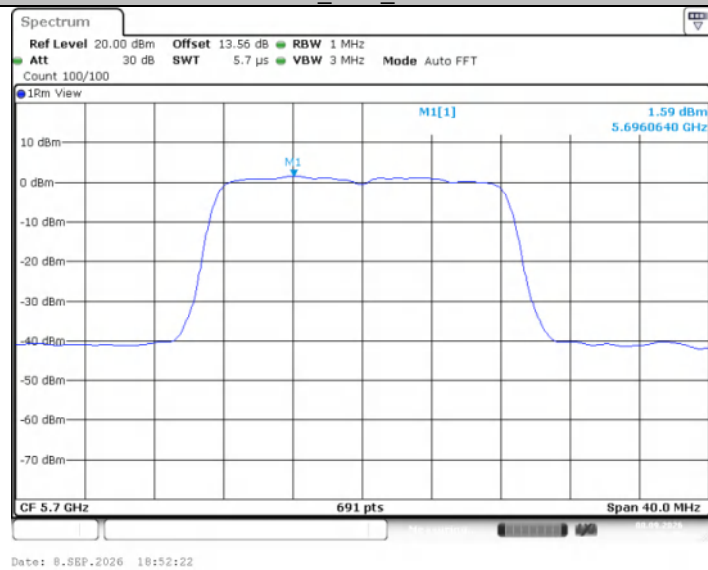
Master TRF : Dated 2026-06-01



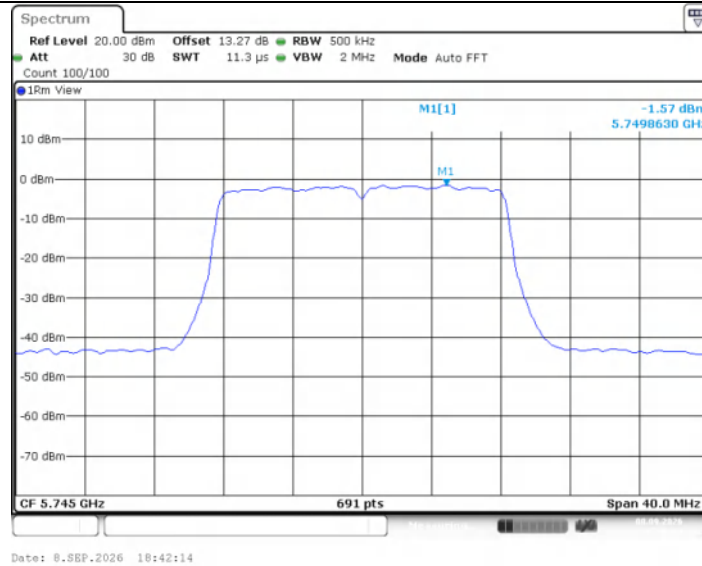
11A_Ant1_5700



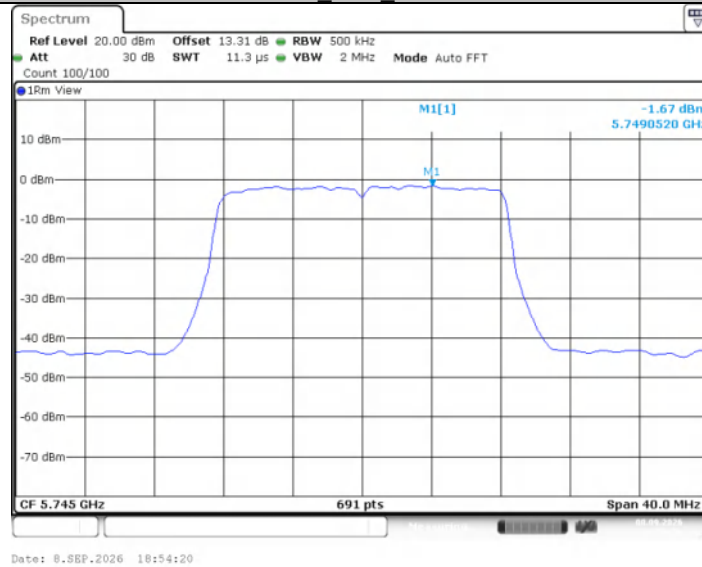
11A_Ant2_5700



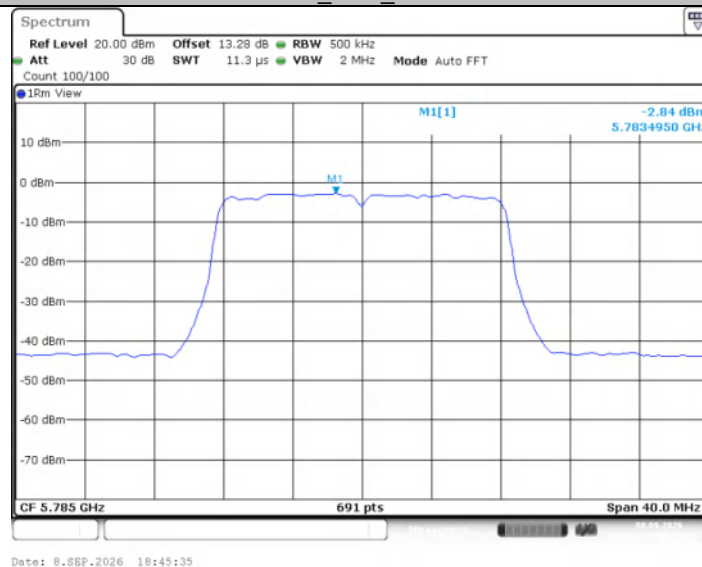
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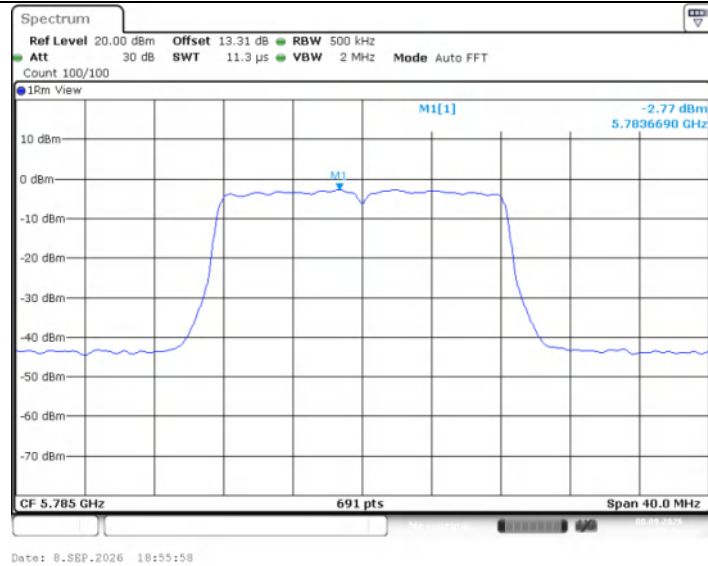
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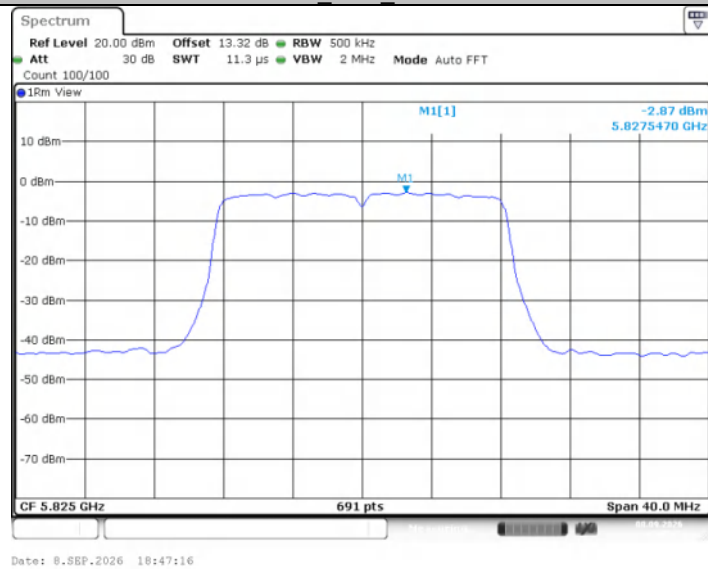
11A_Ant1_5785



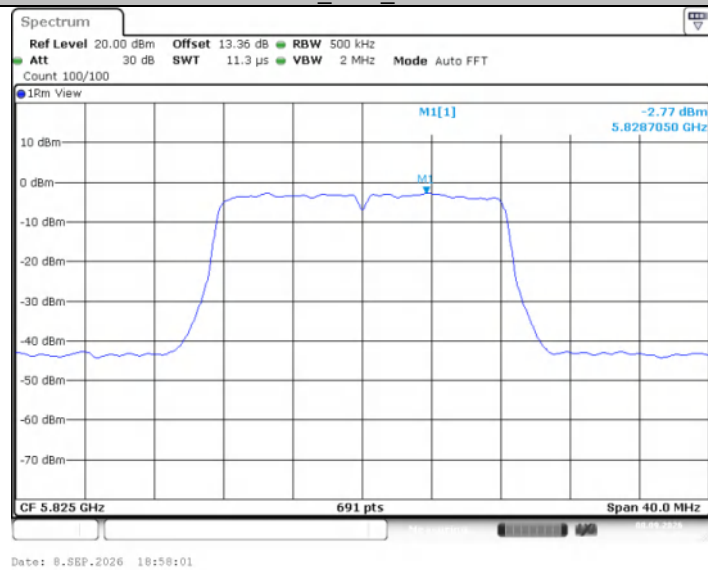
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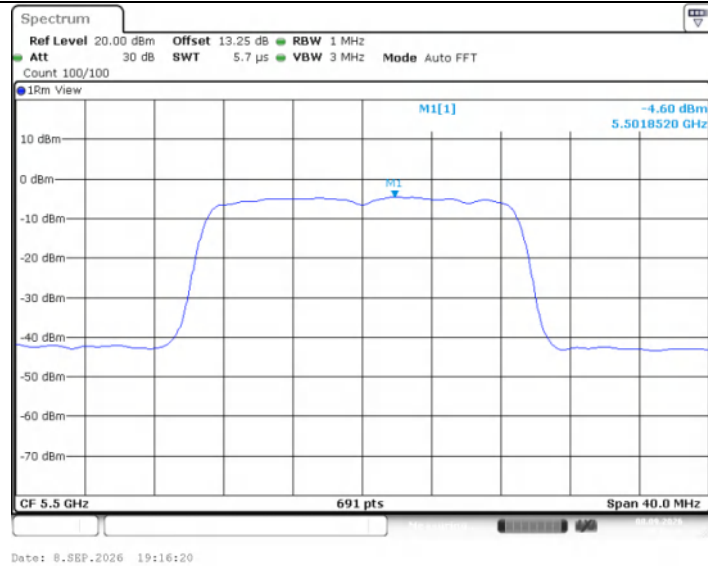
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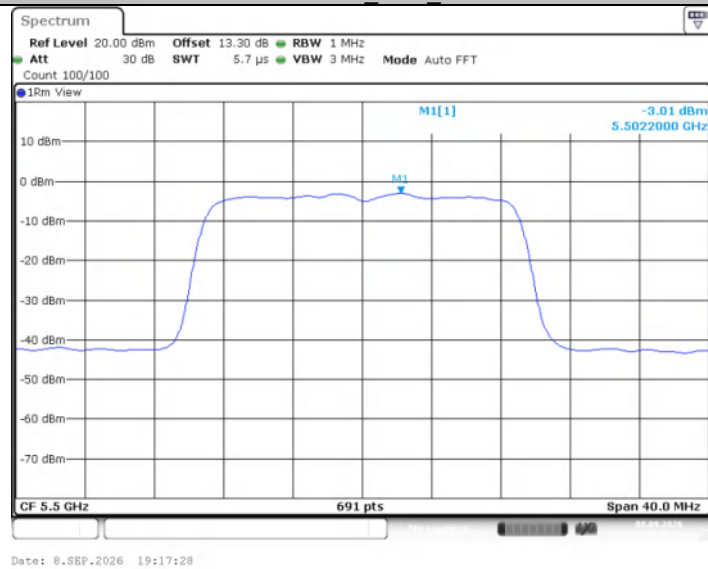
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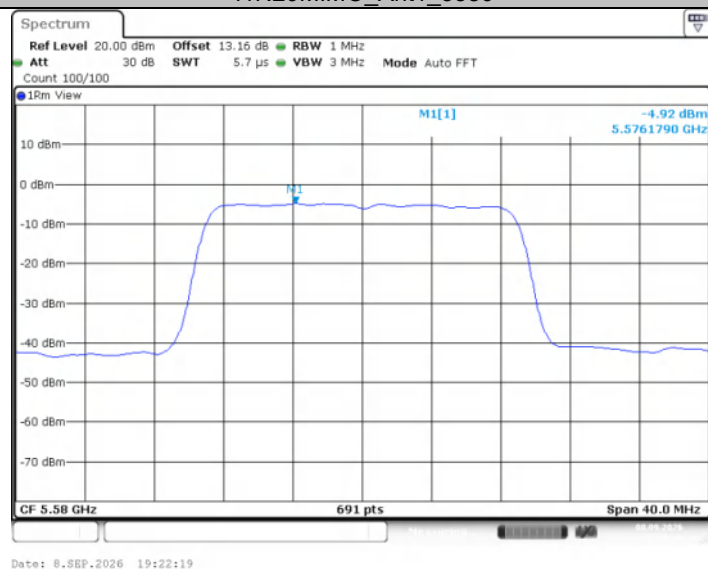
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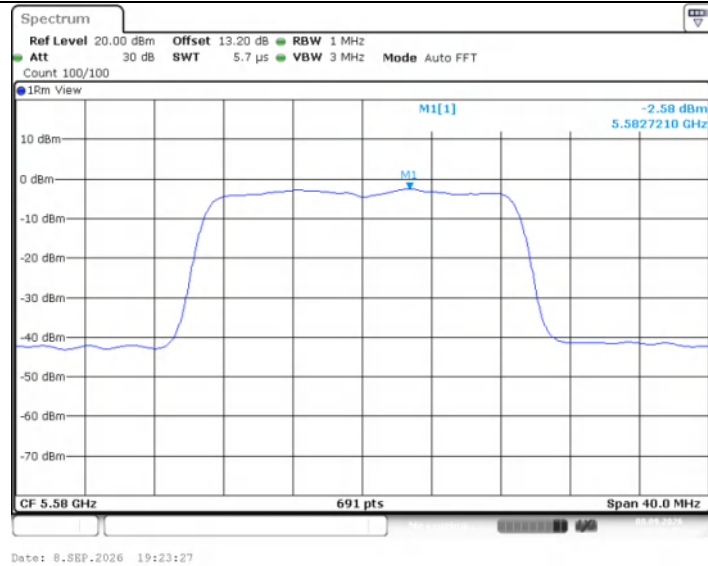
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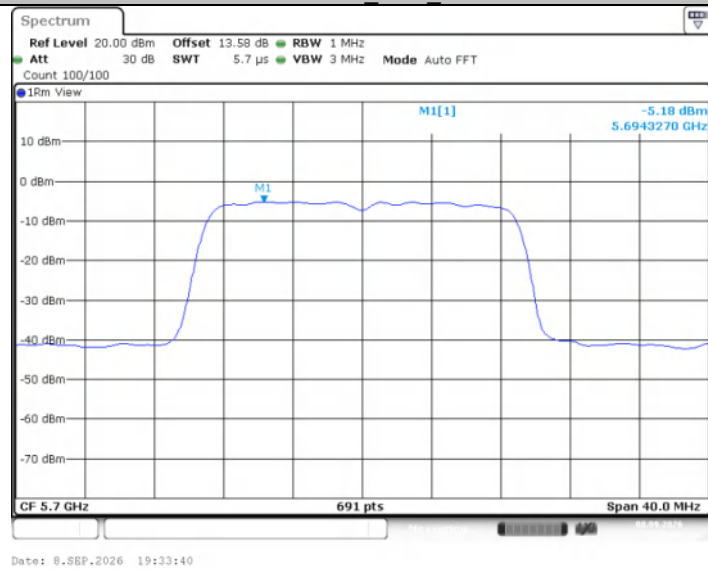
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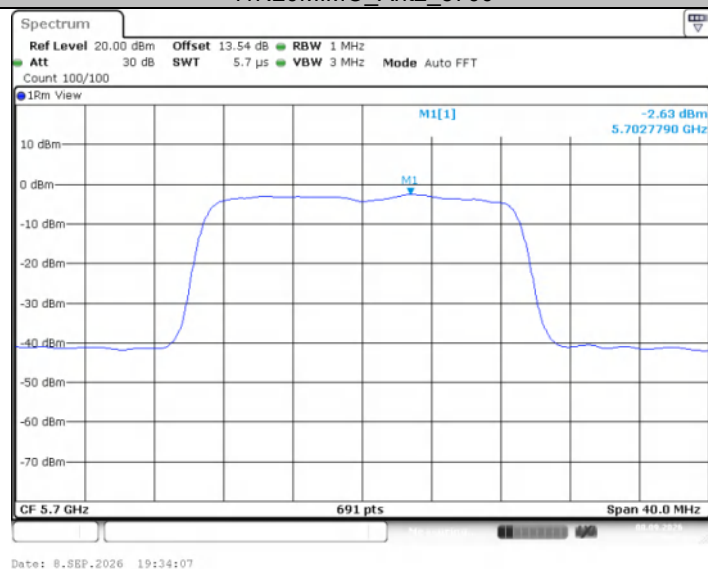
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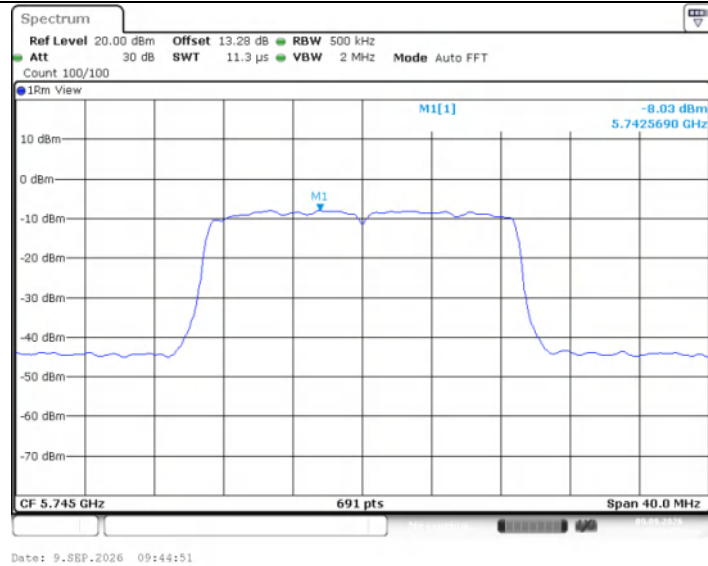
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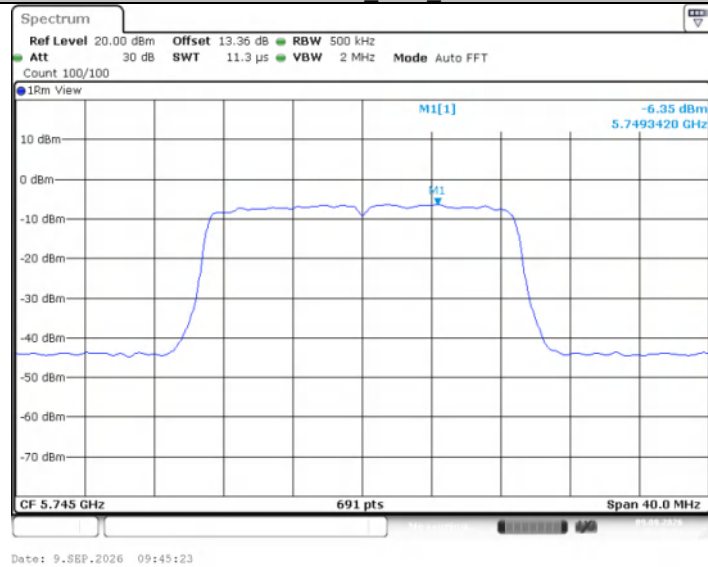
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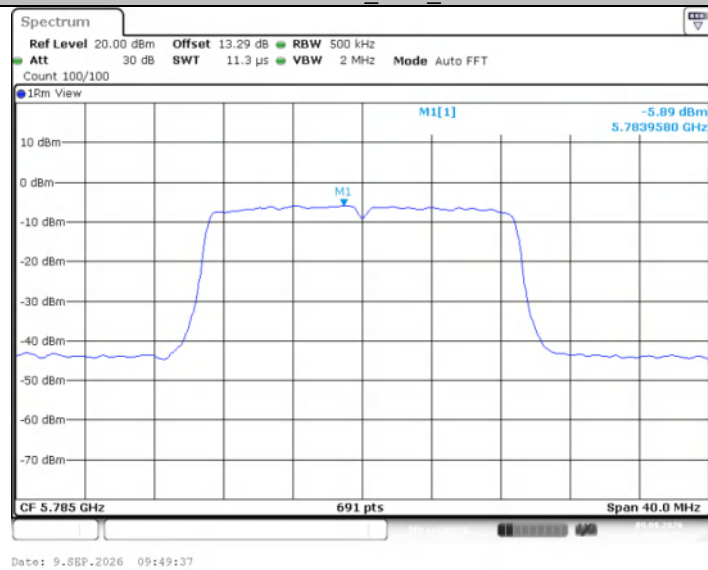
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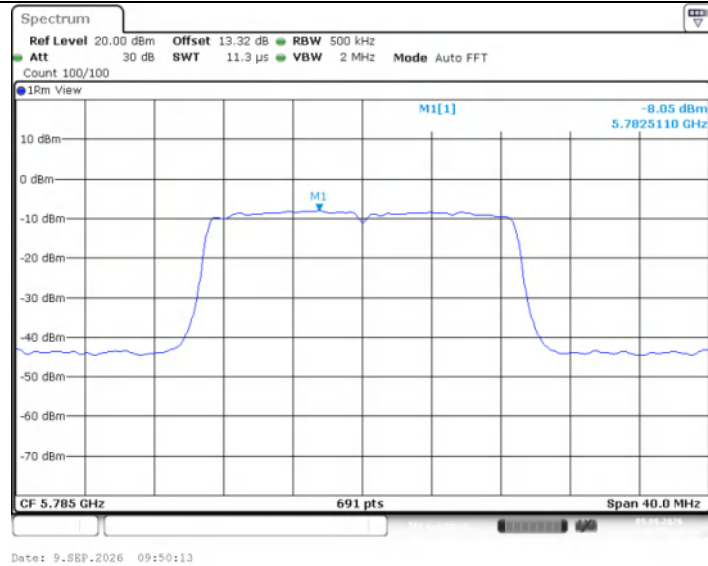
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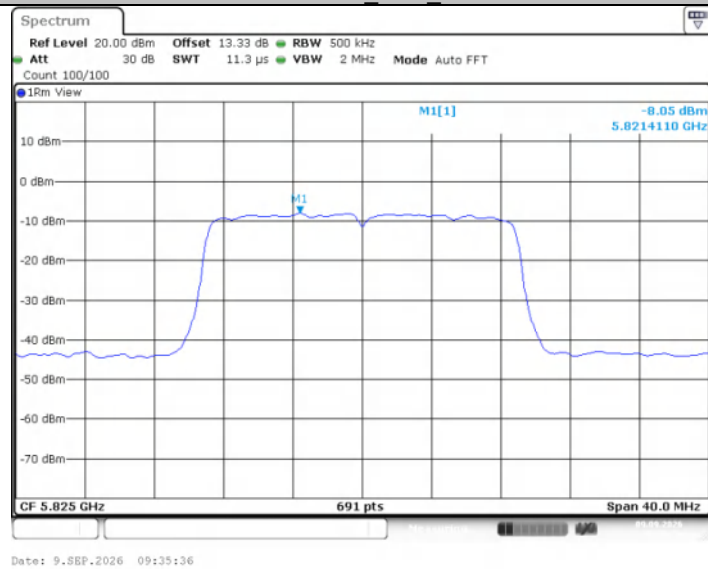
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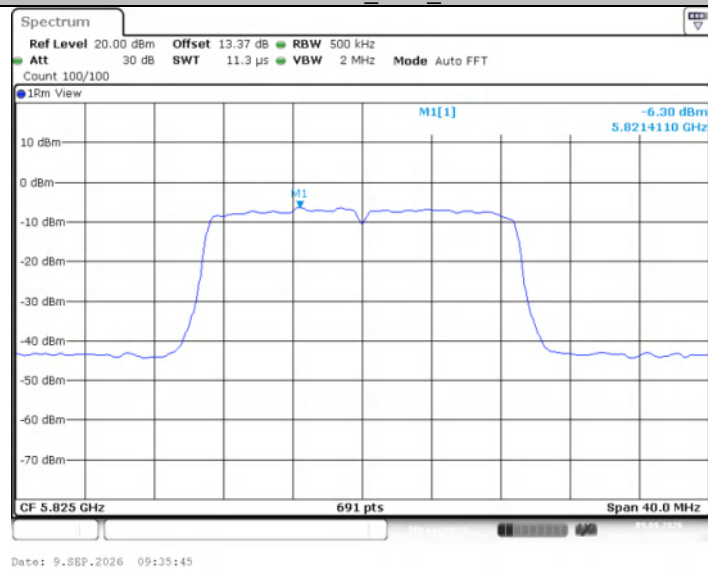
11N20MIMO_Ant2_5785



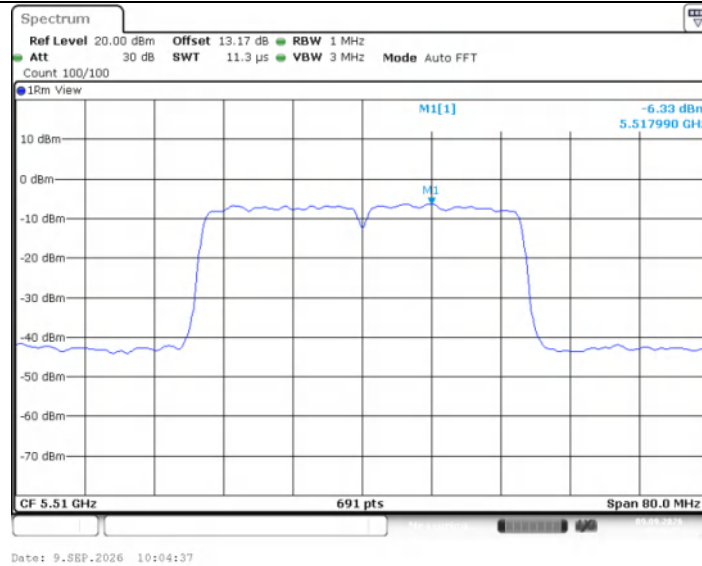
11N20MIMO_Ant1_5825



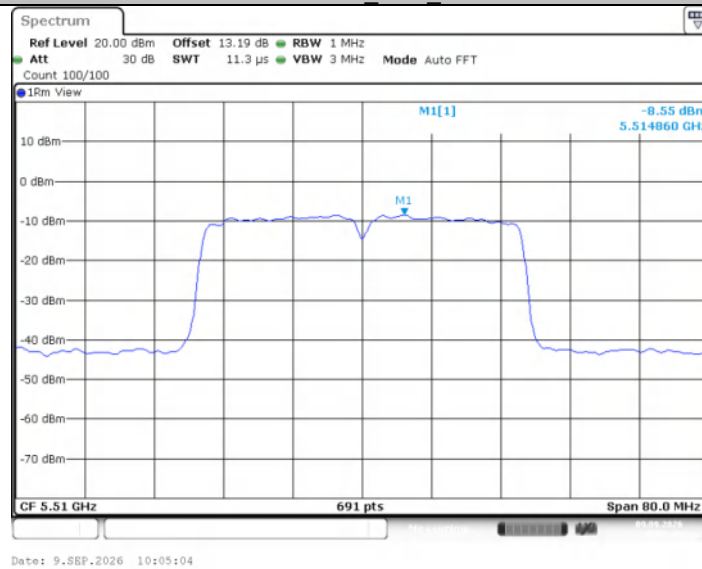
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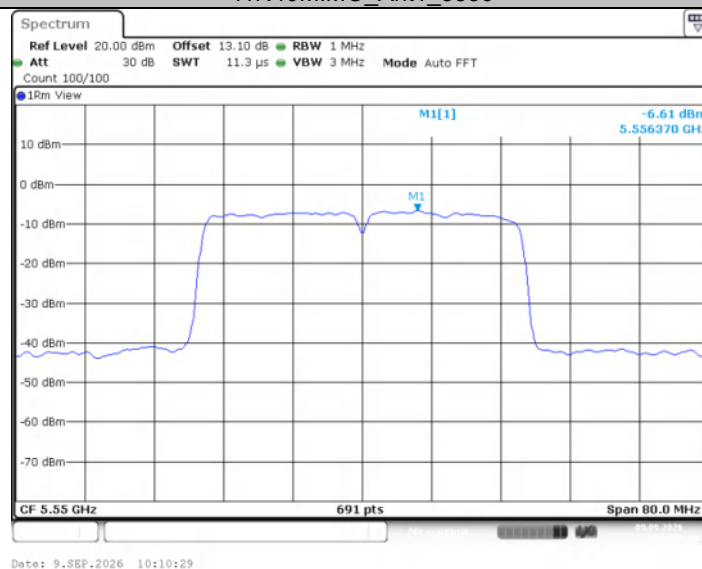
11N40MIMO_Ant1_5510



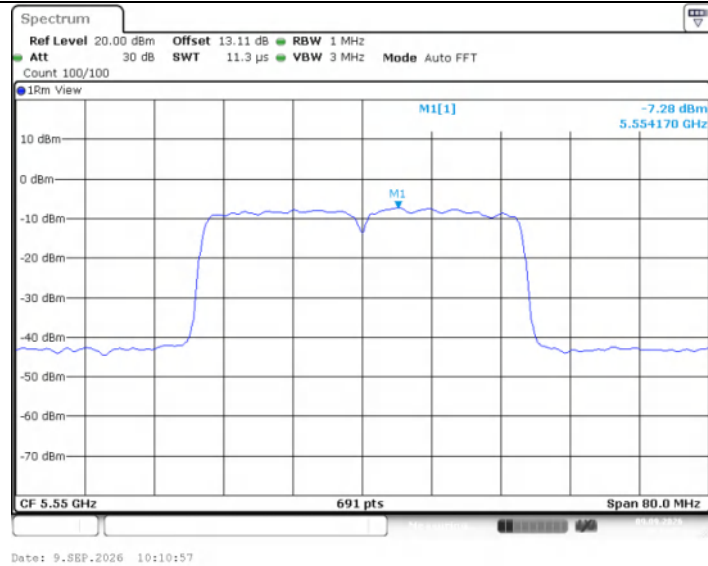
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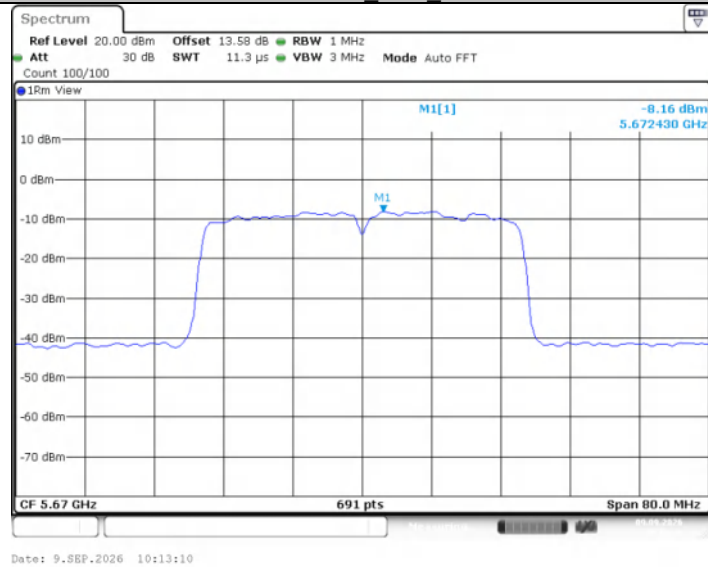
11N40MIMO_Ant1_5550



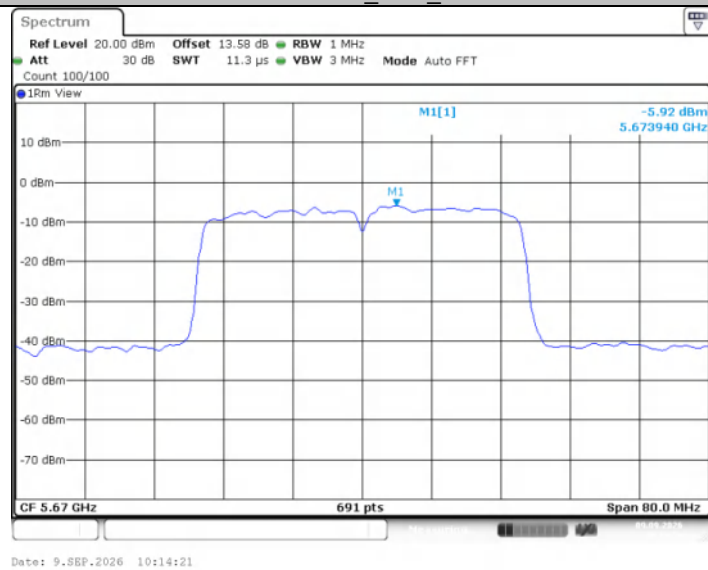
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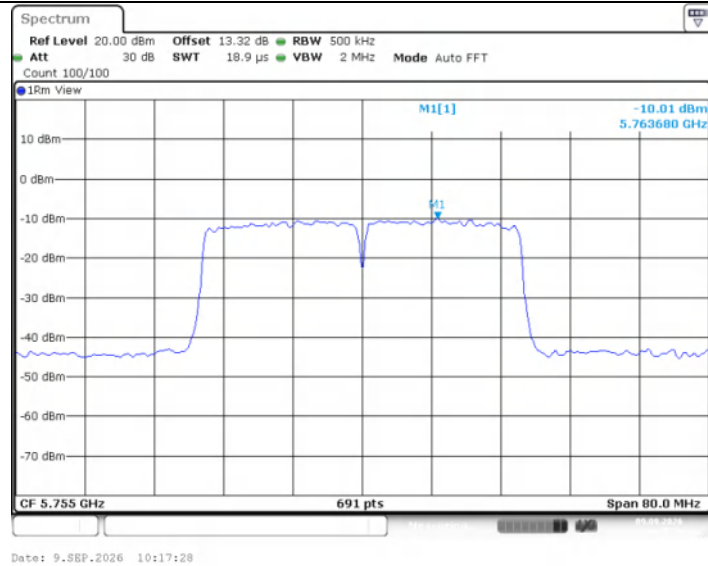
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11N40MIMO_Ant2_5670

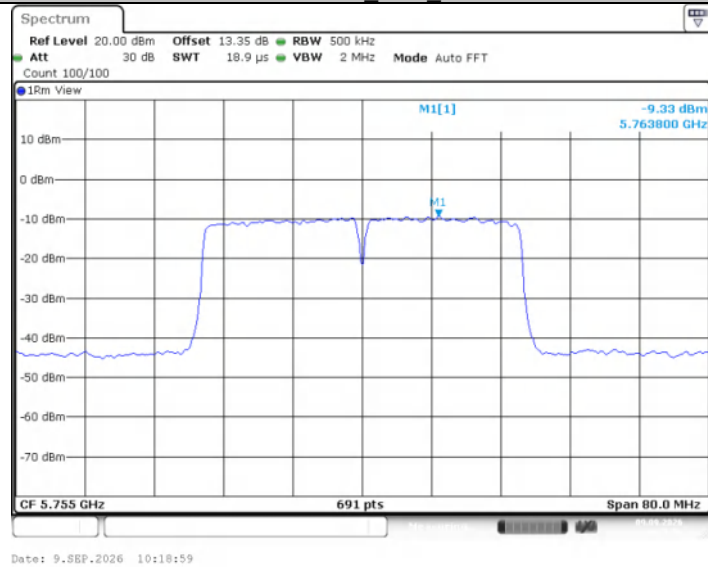


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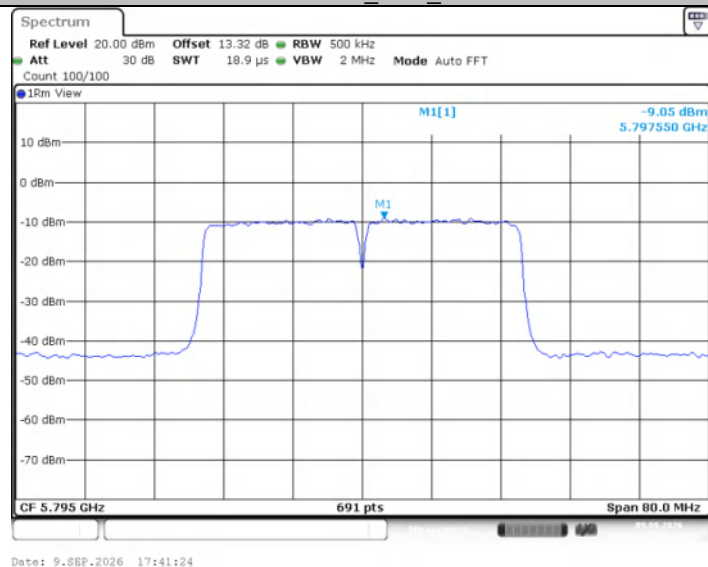
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11N40MIMO_Ant2_5755



Date: 9.SEP.2026 10:18:59

11N40MIMO_Ant1_5795



Date: 9.SEP.2026 17:41:24

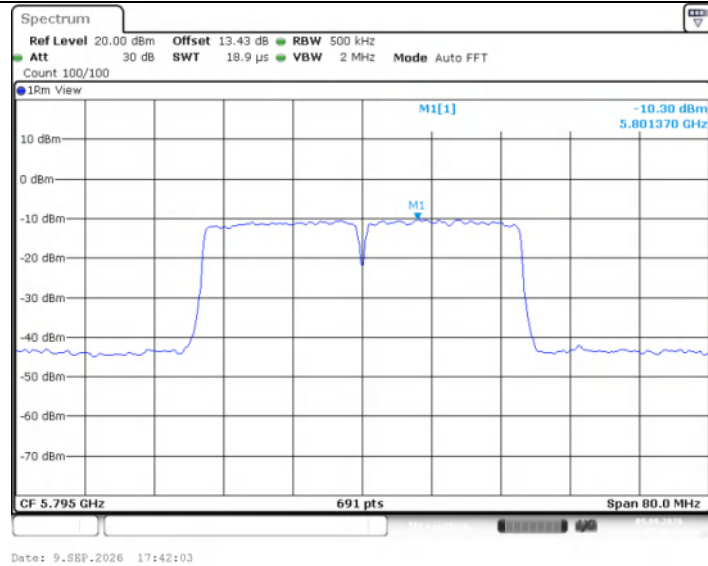
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CTC Laboratories, Inc.

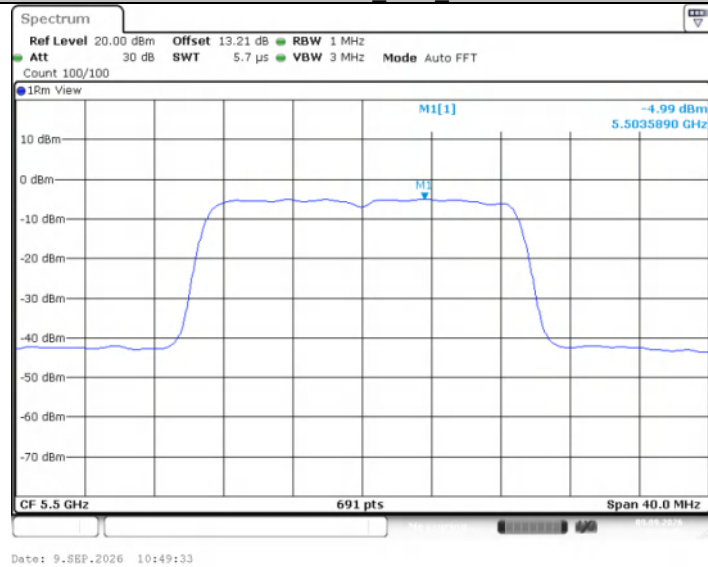
Room 107, 108, 207, 208 of Building A, Room 101 of Building B, No.7, Langqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-062_A5

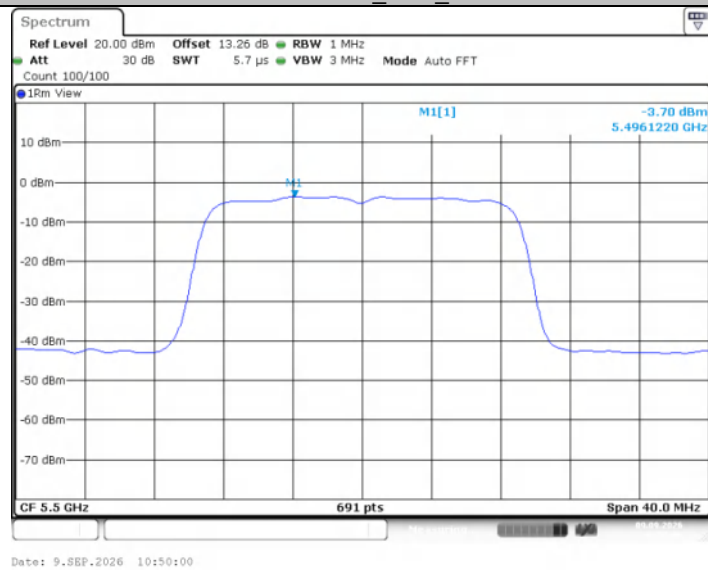
Master TRF : Dated 2026-06-01



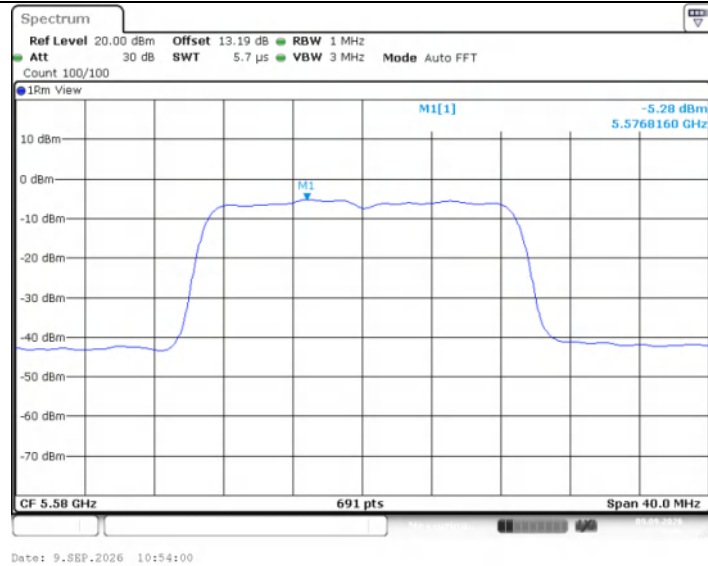
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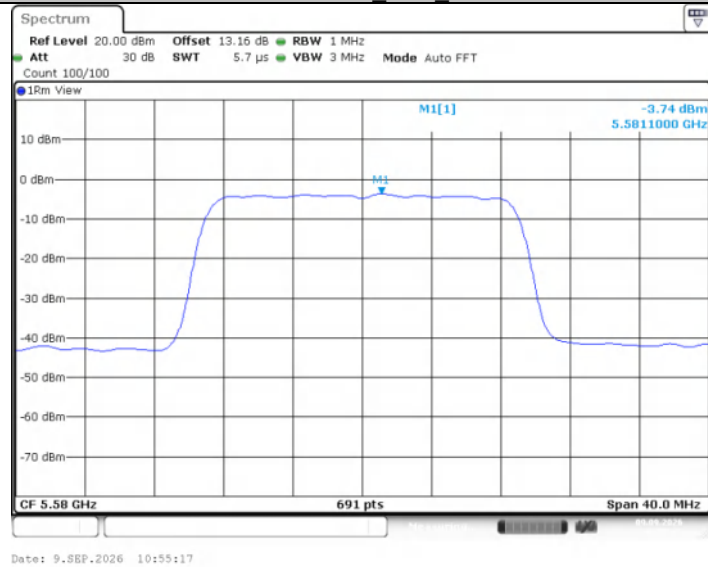
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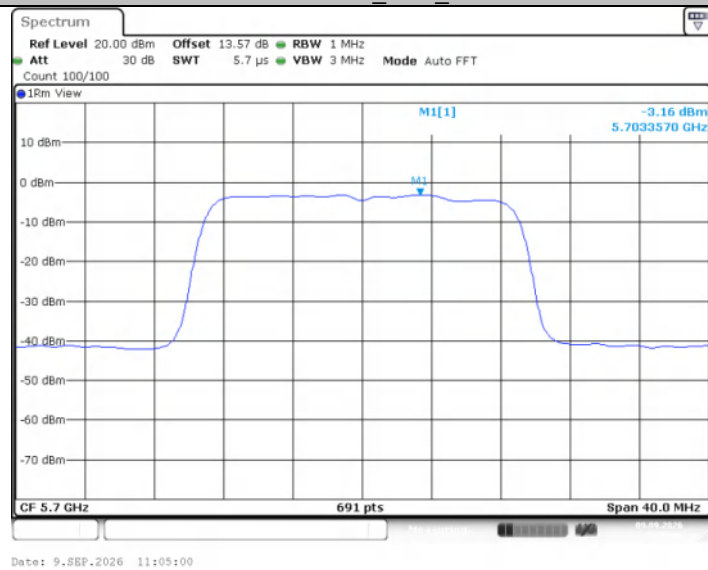
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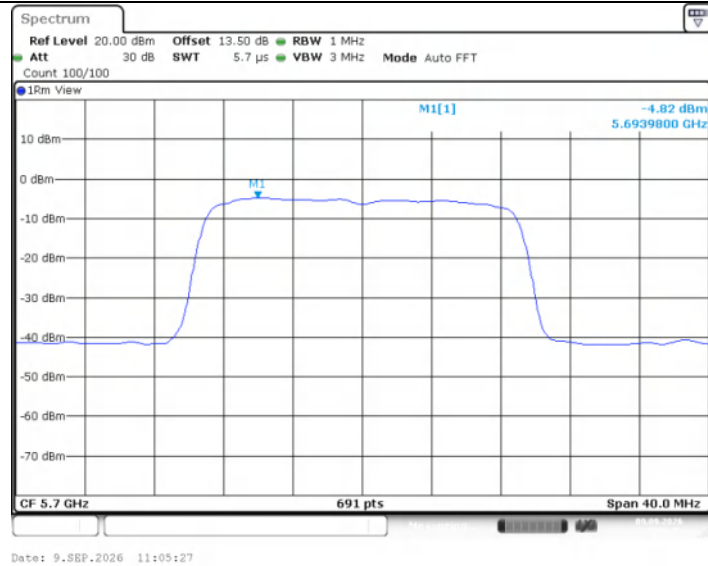
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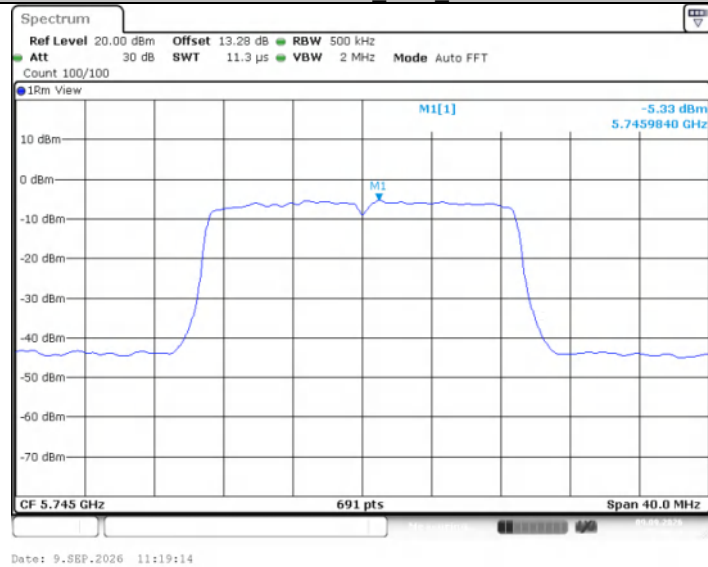
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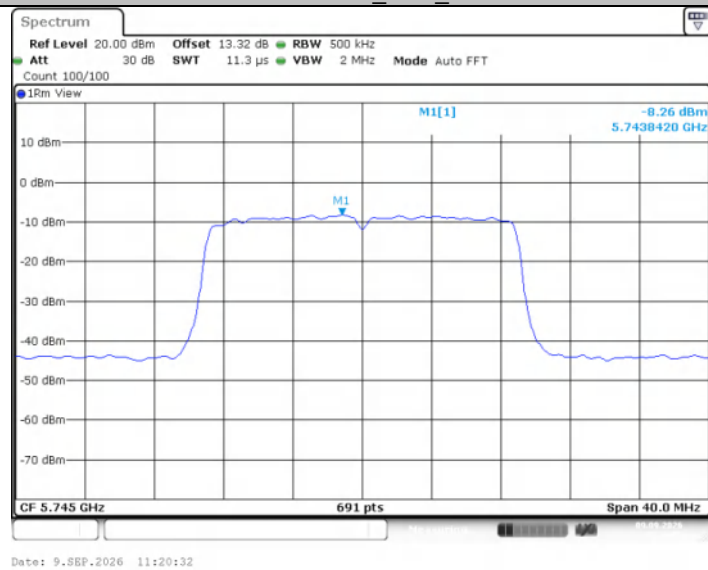
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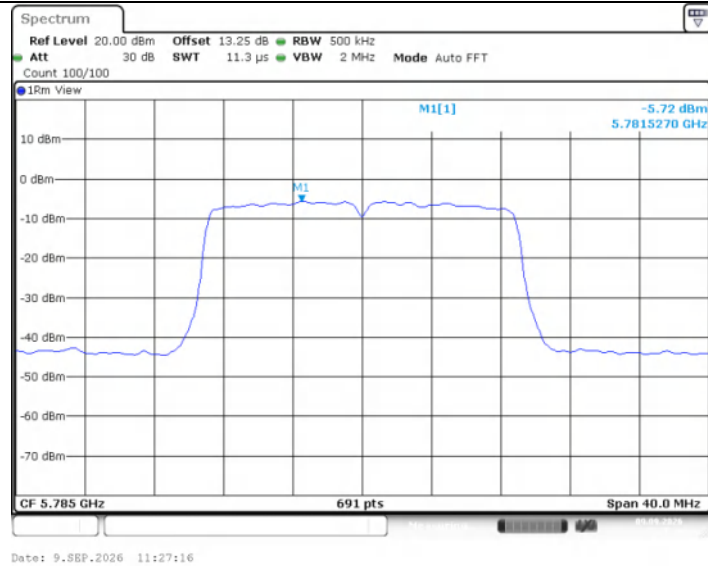
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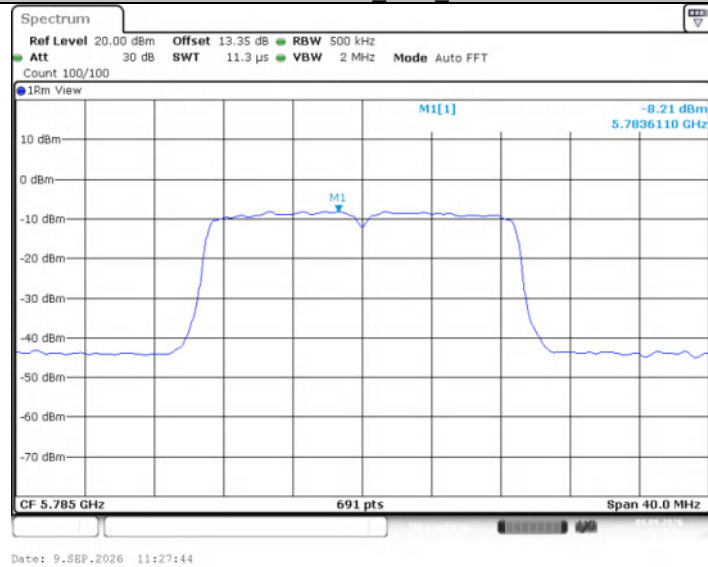
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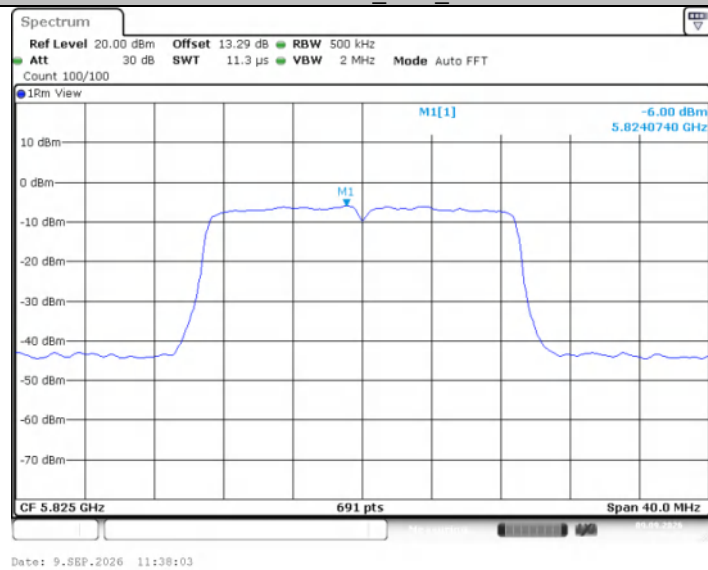
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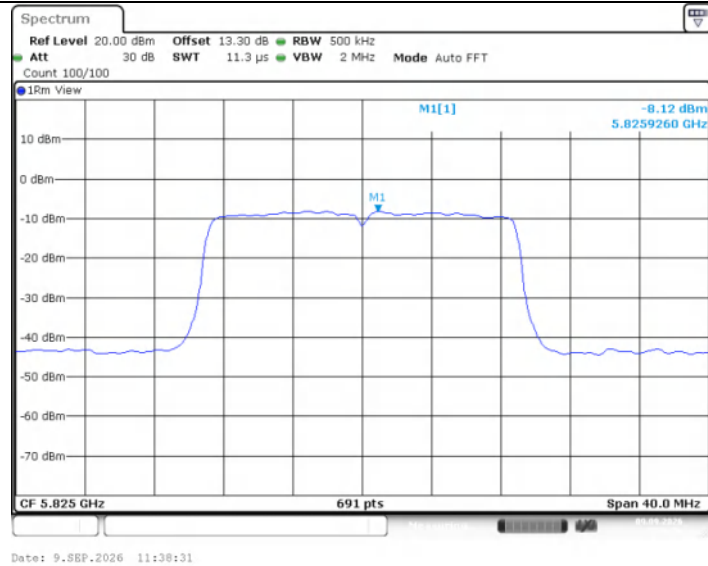
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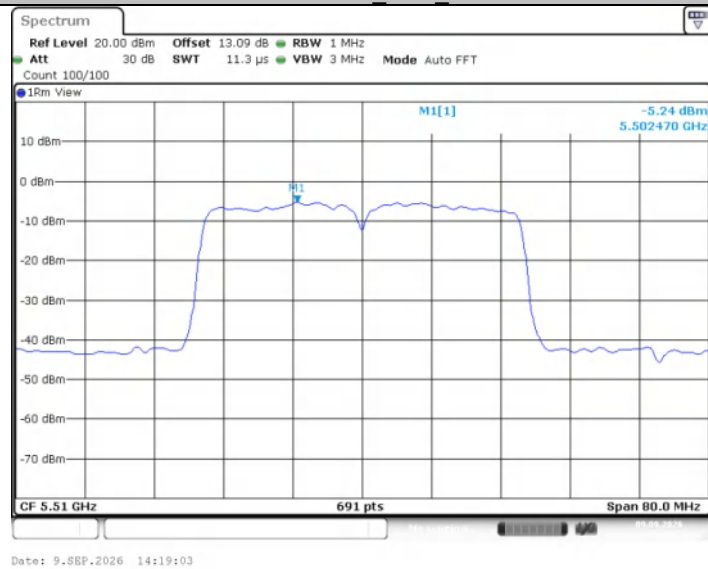
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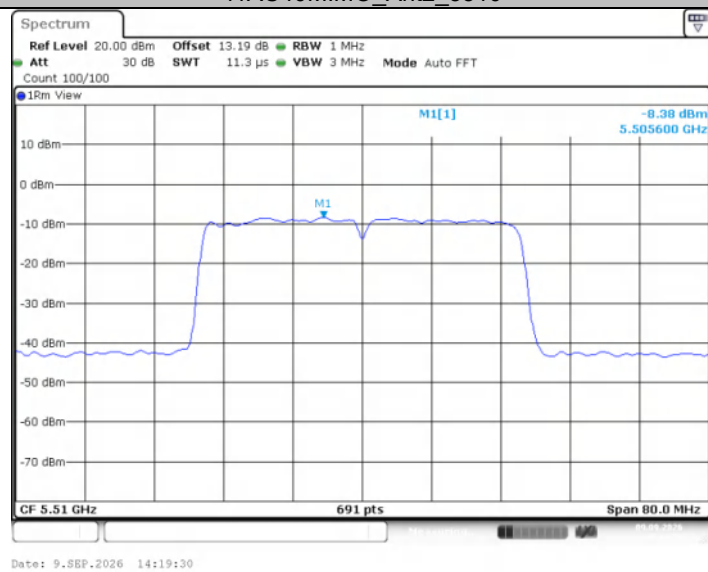
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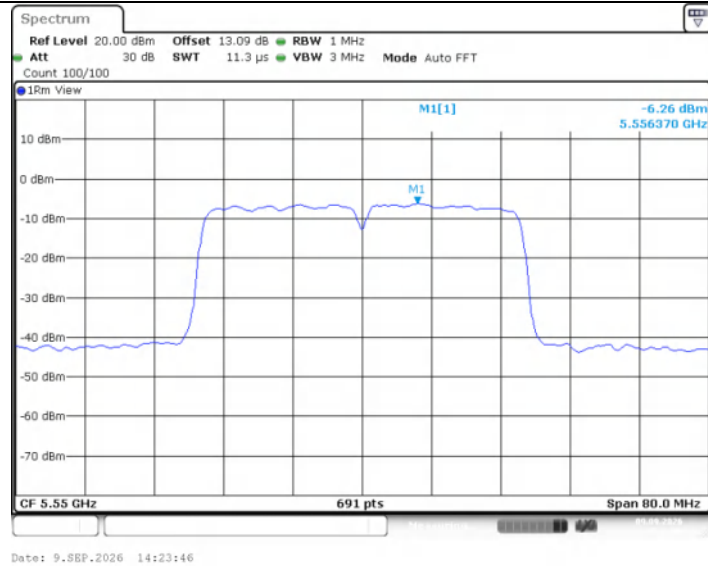
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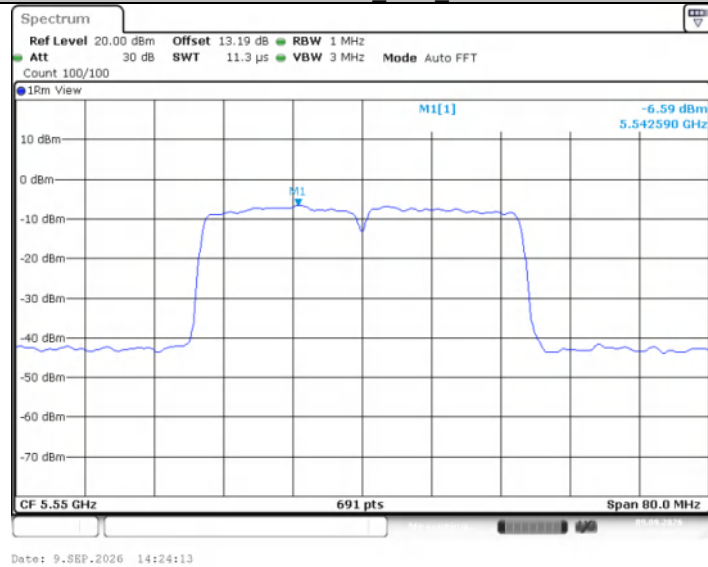
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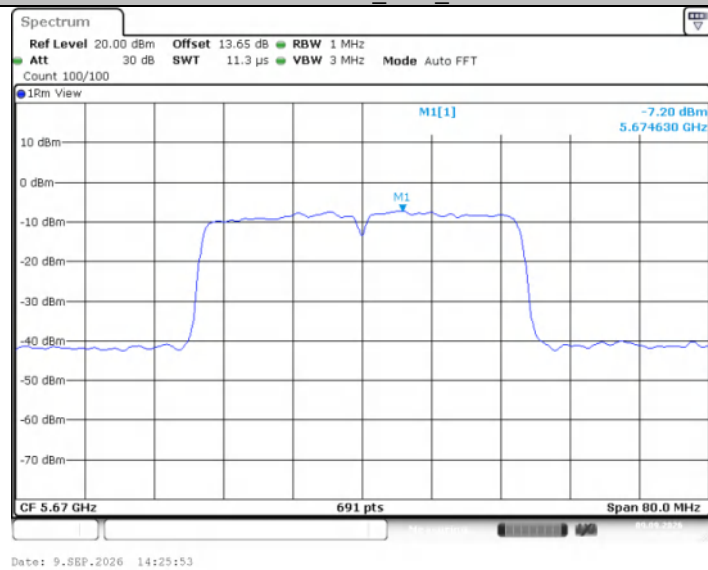
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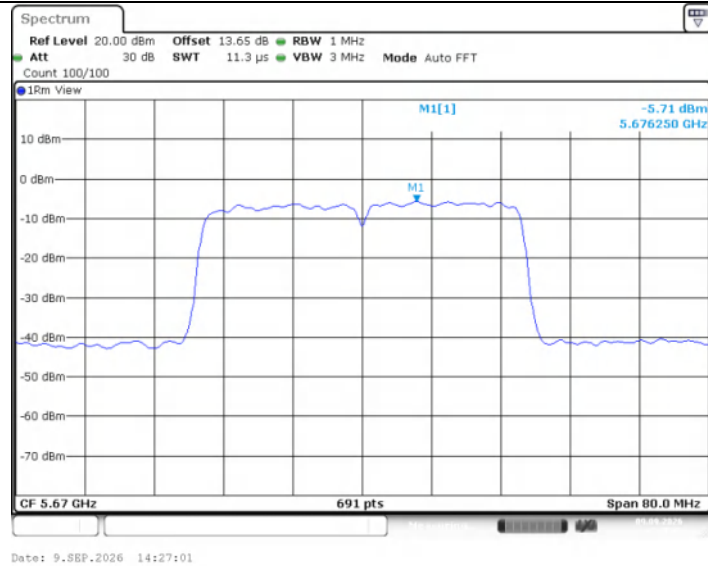
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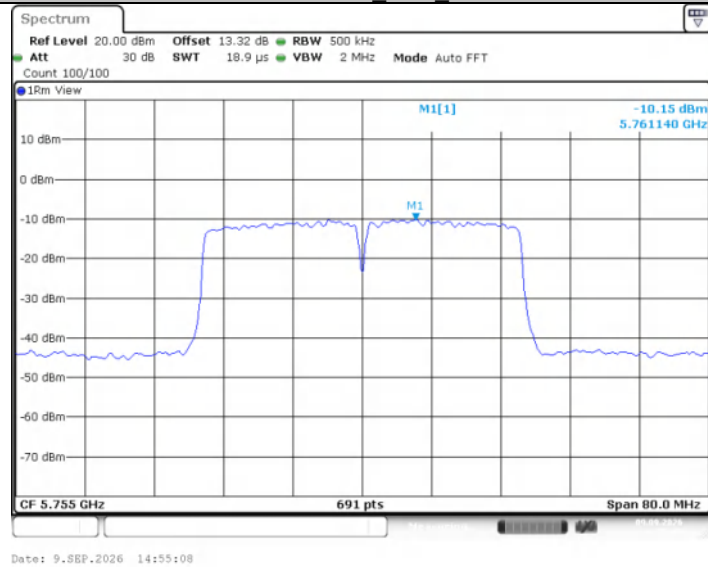
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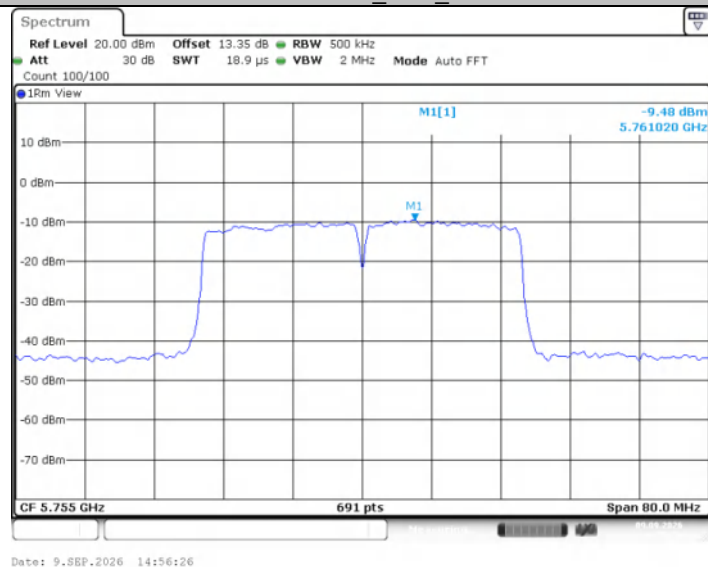
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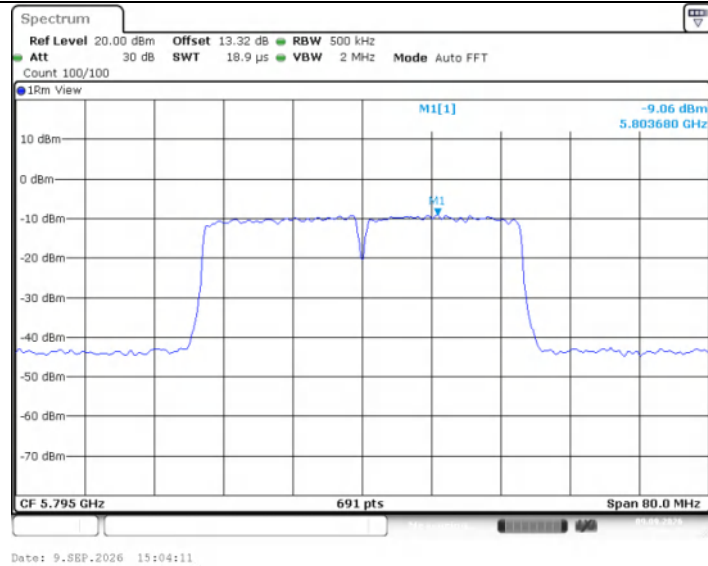
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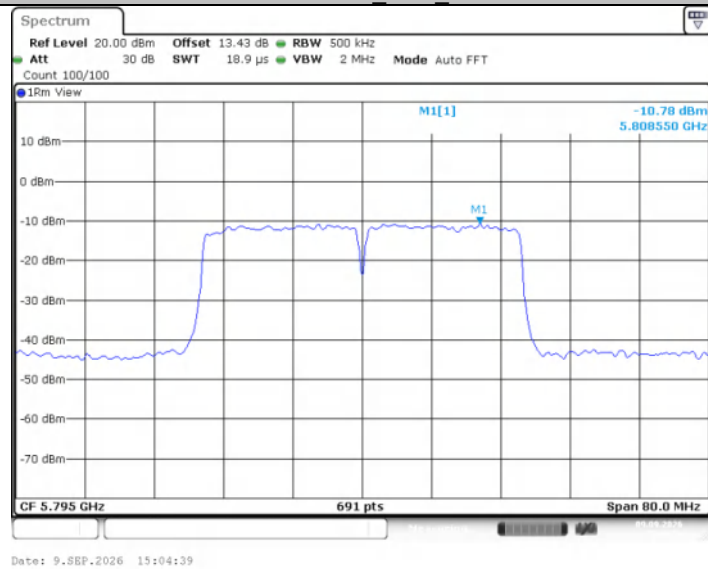
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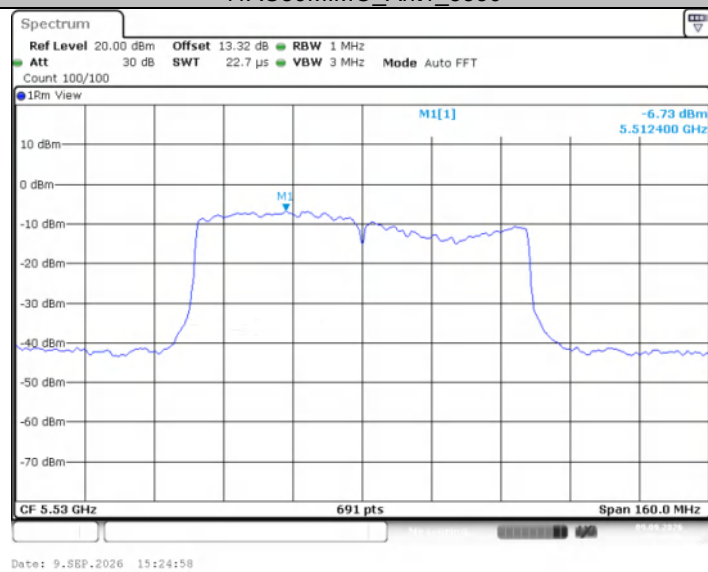
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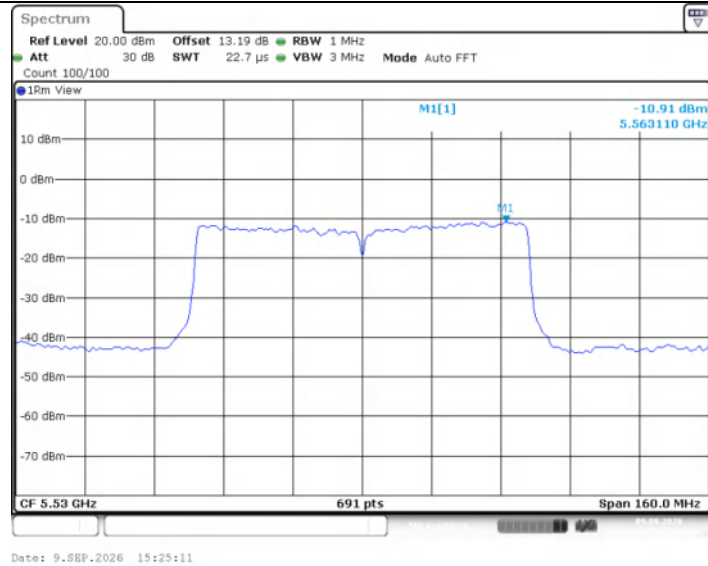
11AC40MIMO_Ant2_5795



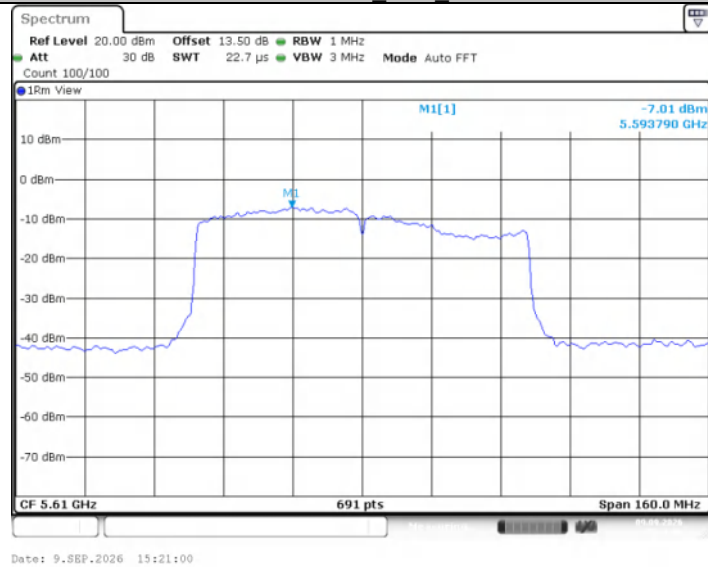
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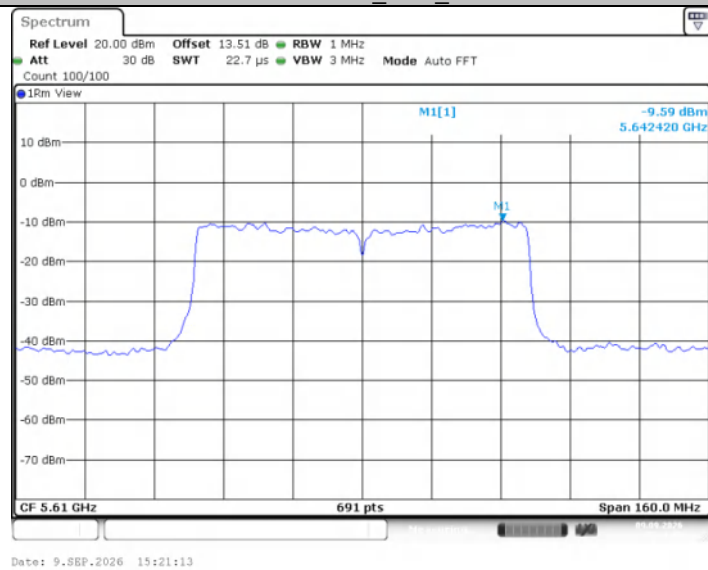
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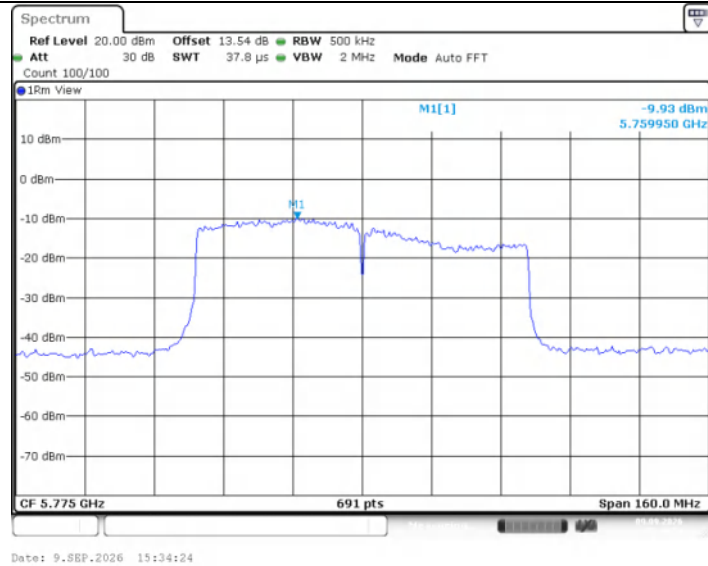
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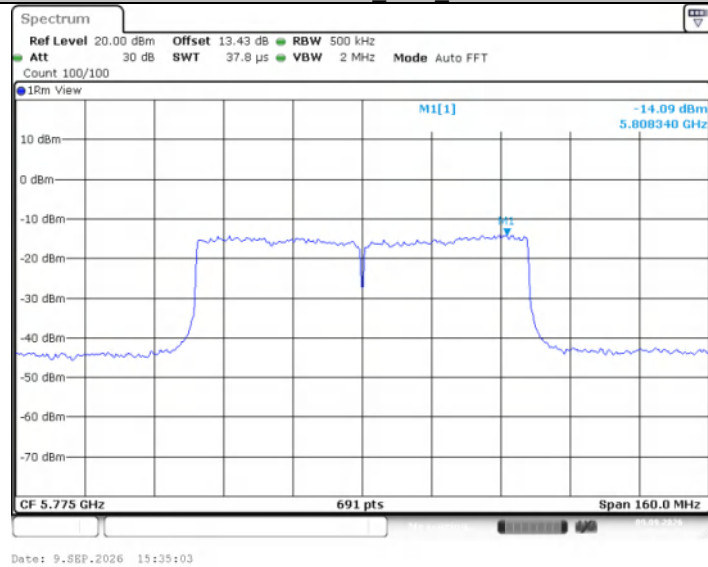
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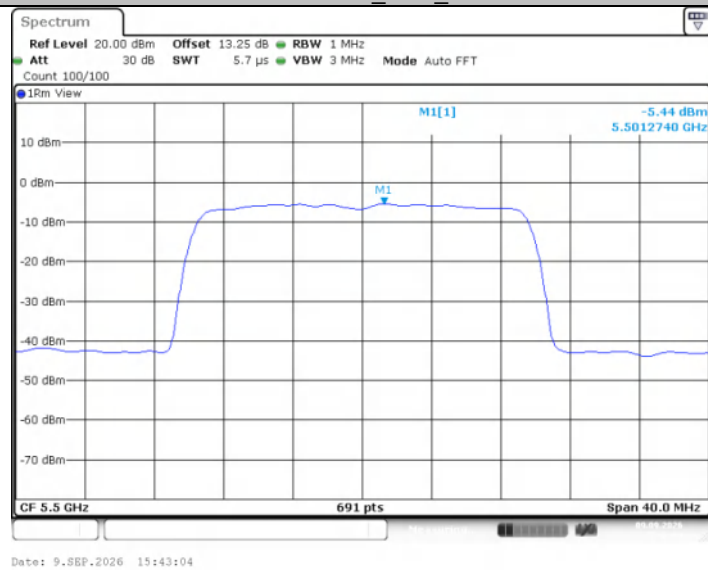
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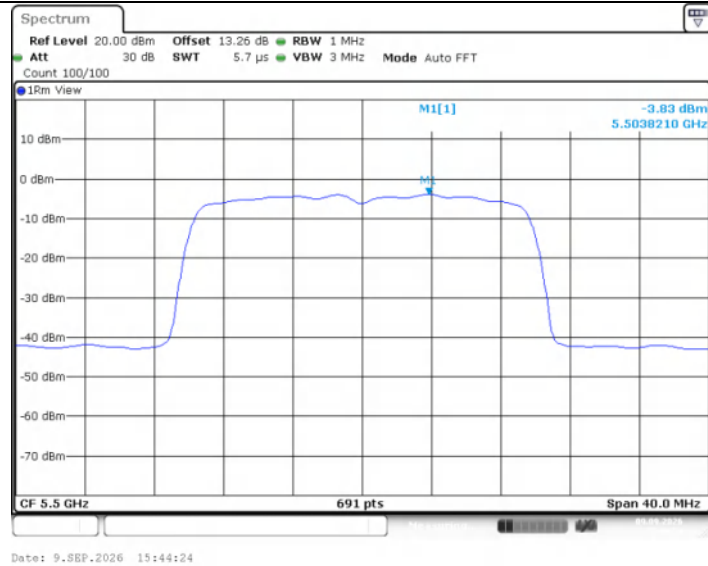
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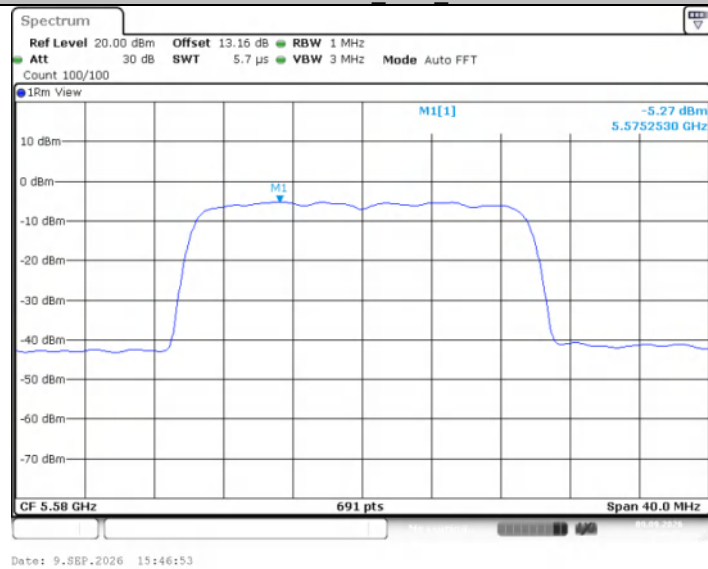
11AX20MIMO_Ant1_5500



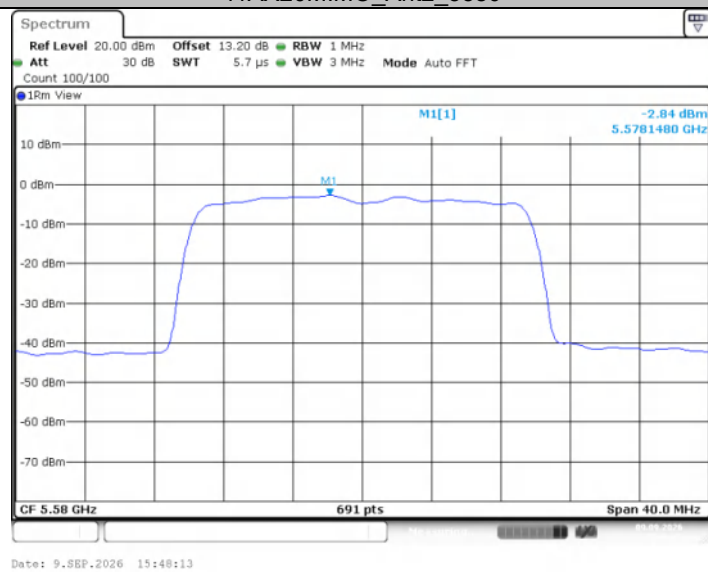
11AX20MIMO_Ant2_5500



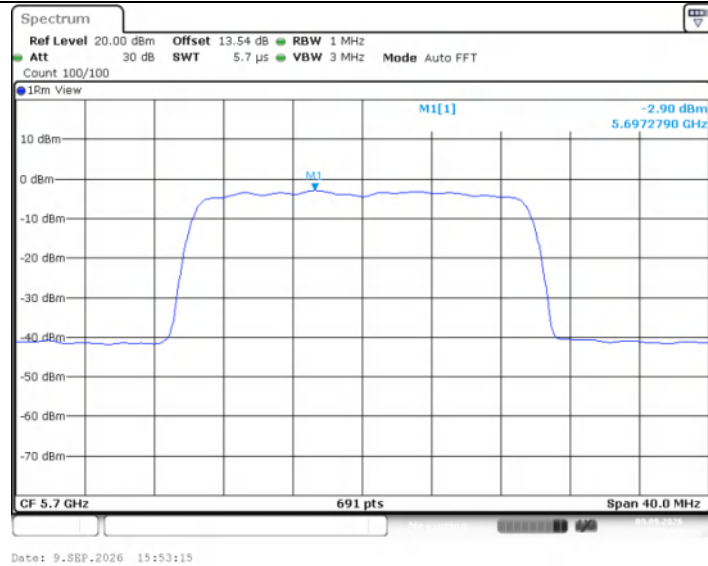
11AX20MIMO_Ant1_5580



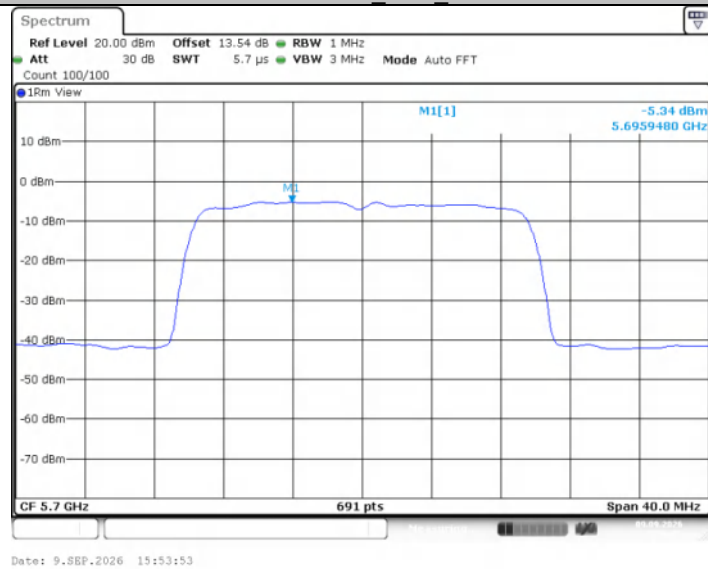
11AX20MIMO_Ant2_5580



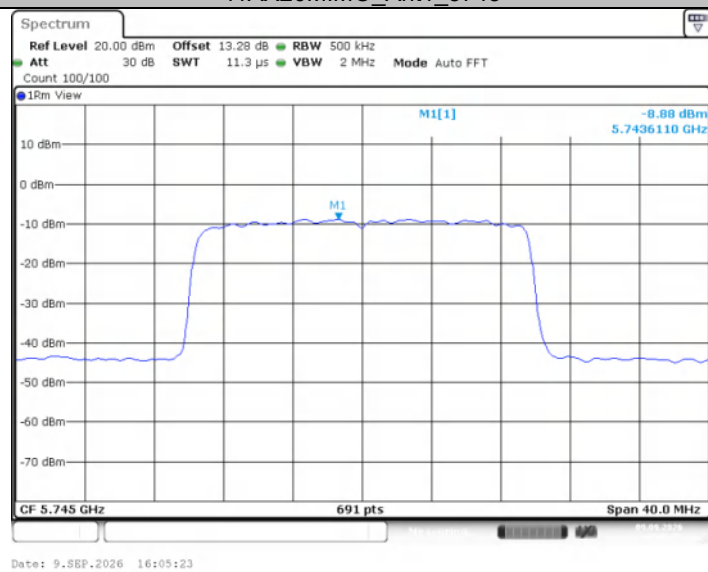
11AX20MIMO_Ant1_5700



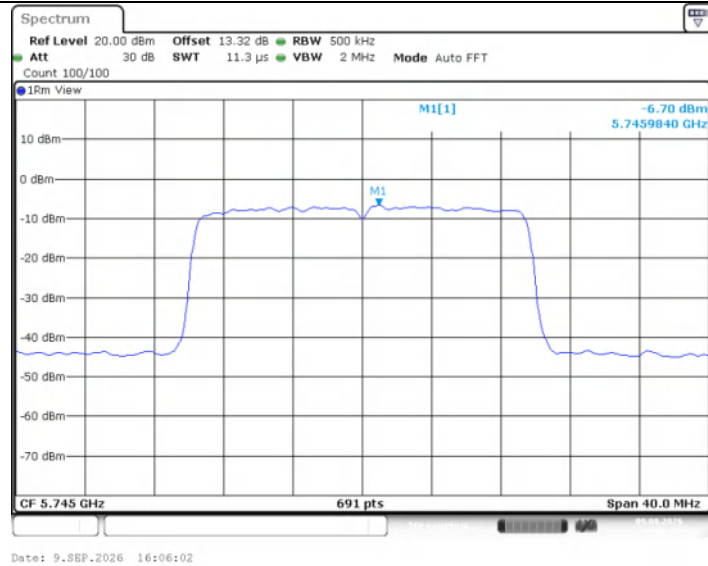
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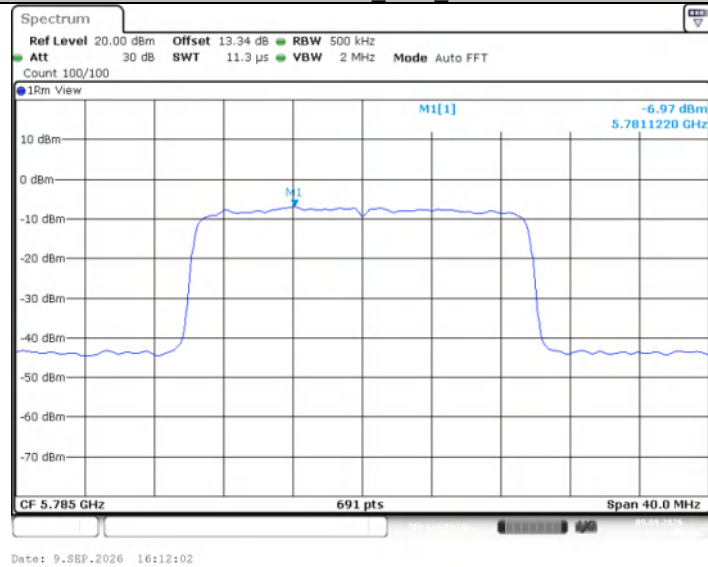
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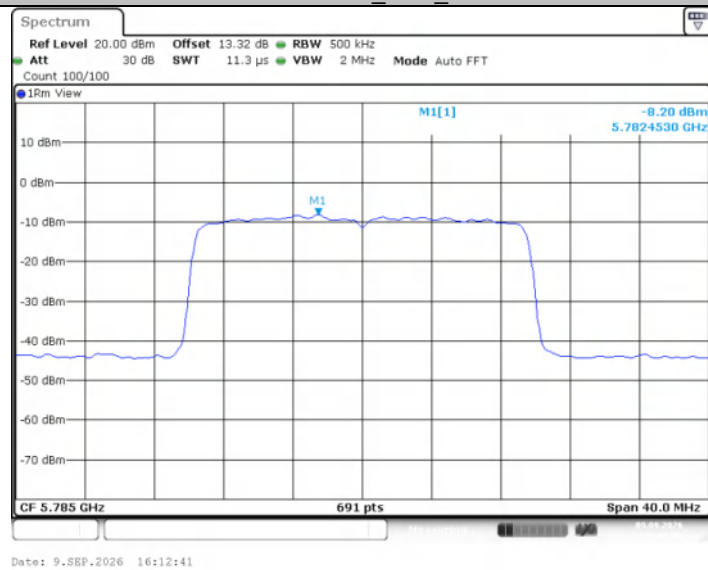
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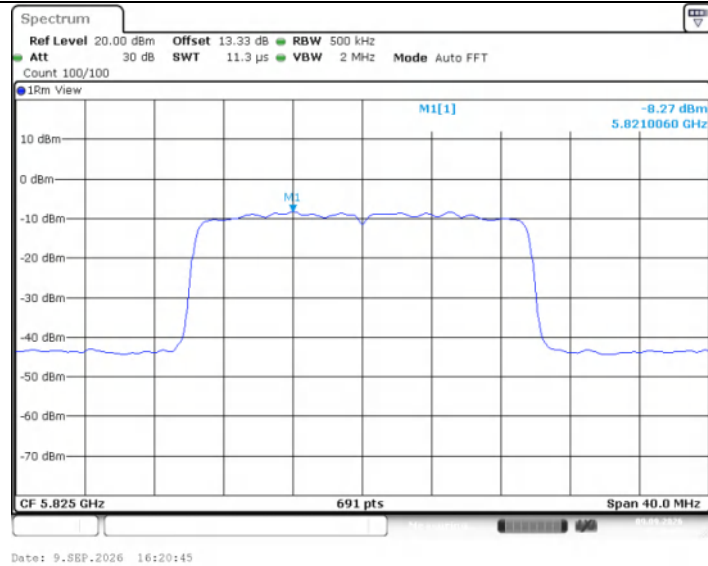
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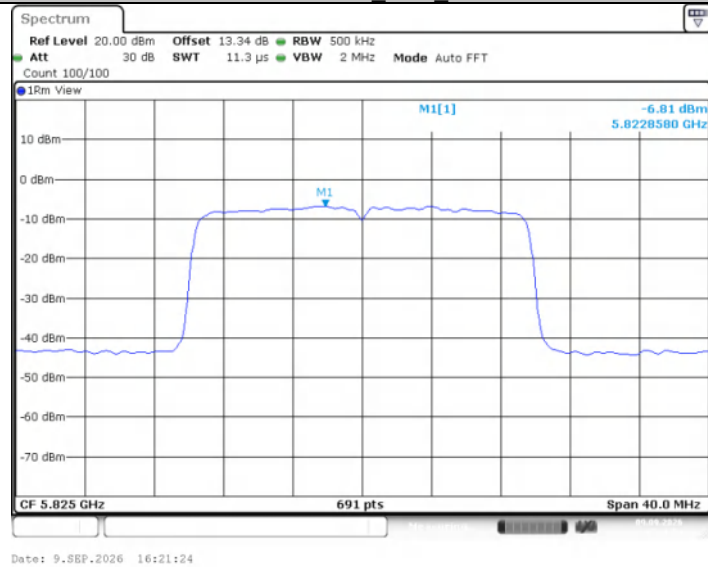
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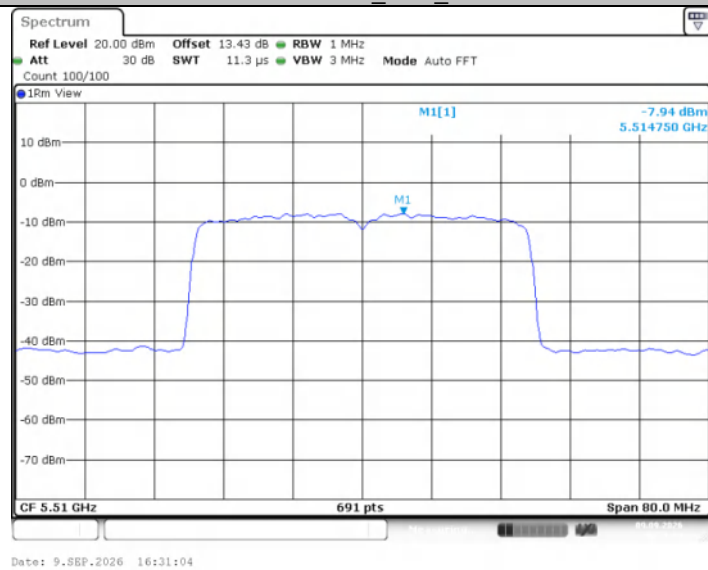
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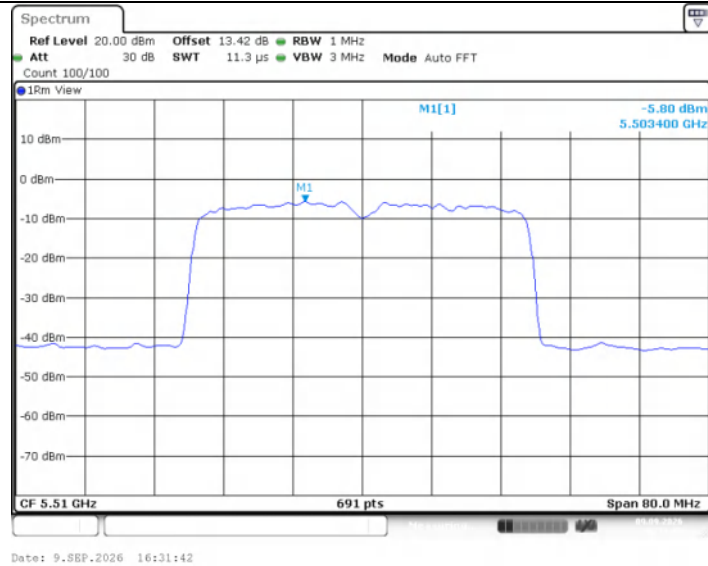
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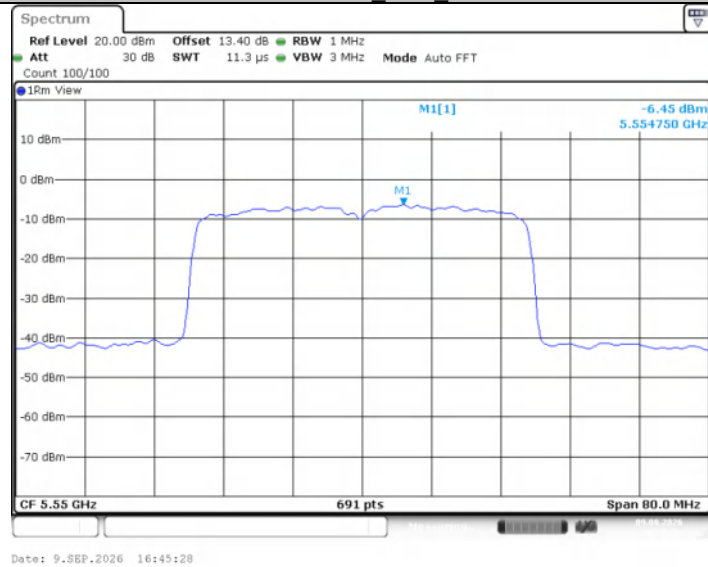
11AX40MIMO_Ant1_5510



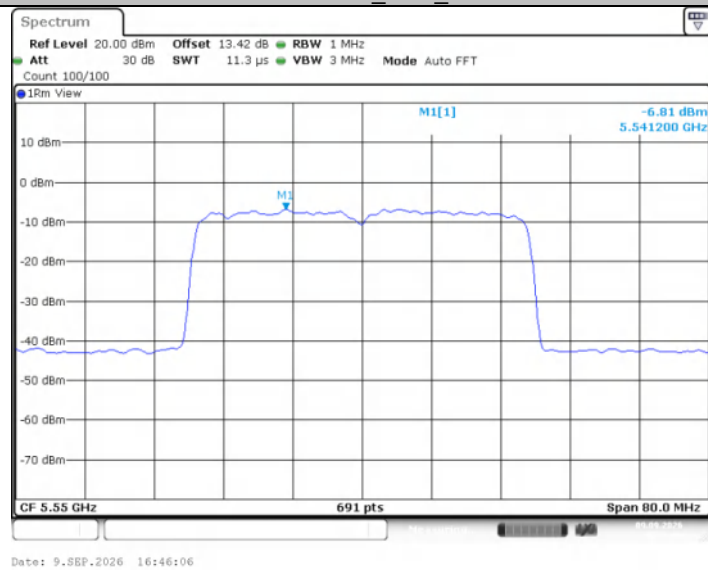
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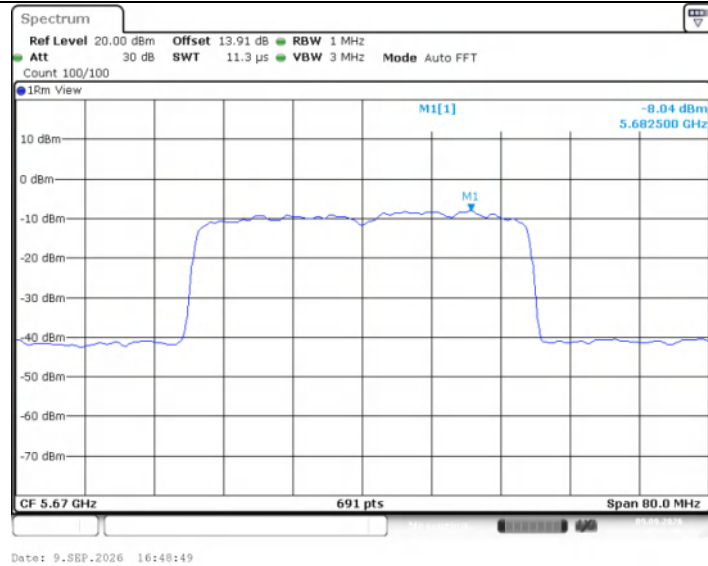
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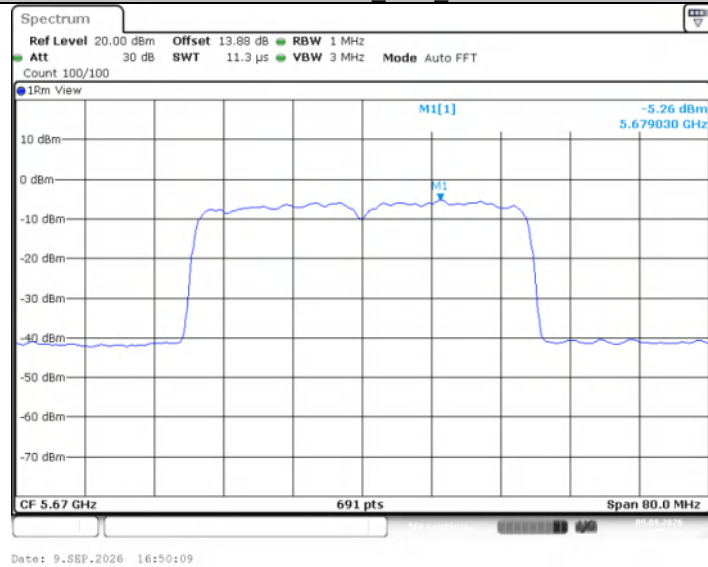
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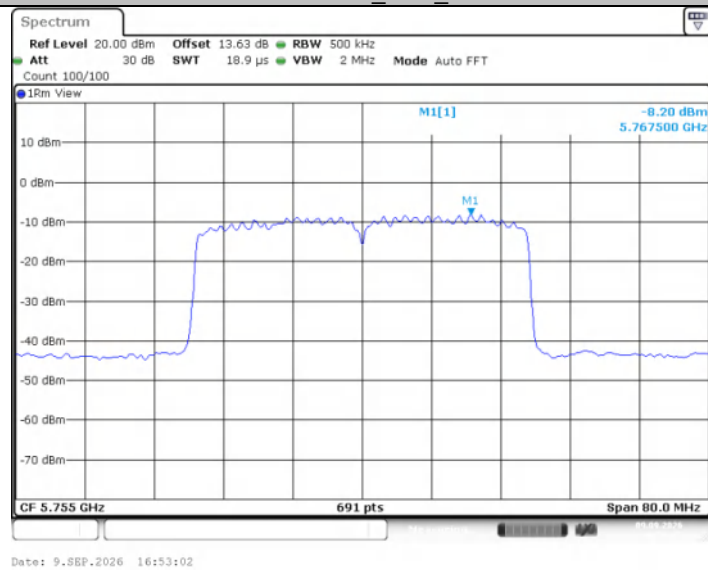
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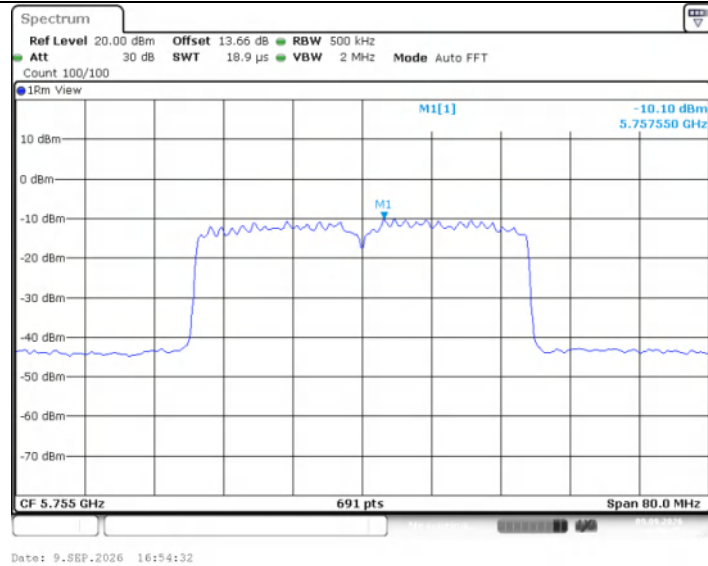
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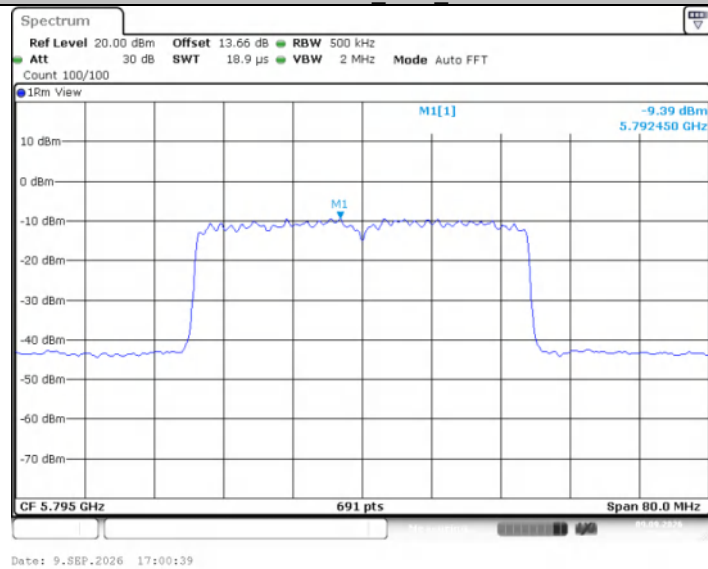
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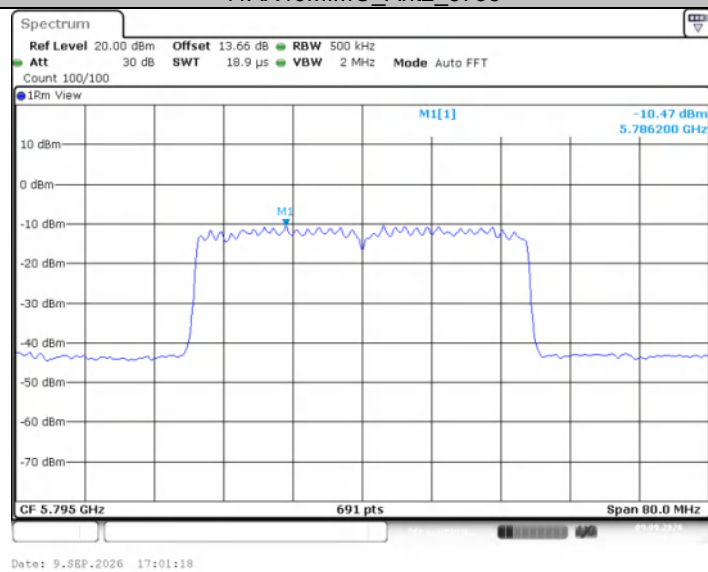
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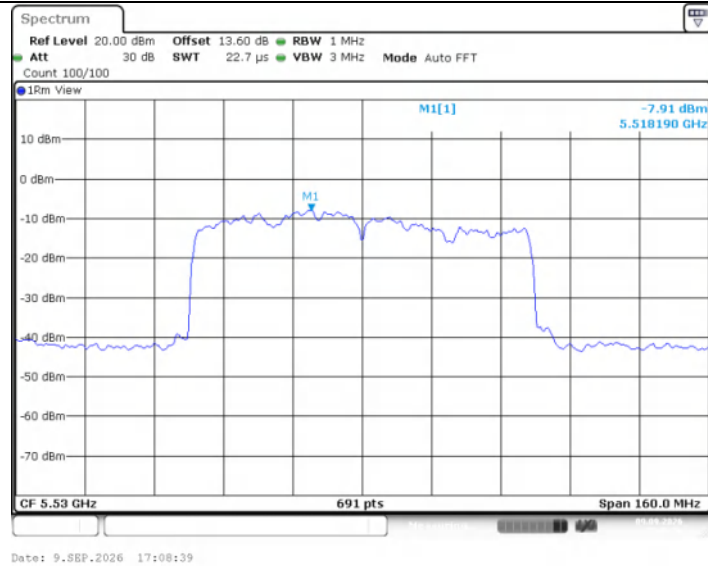
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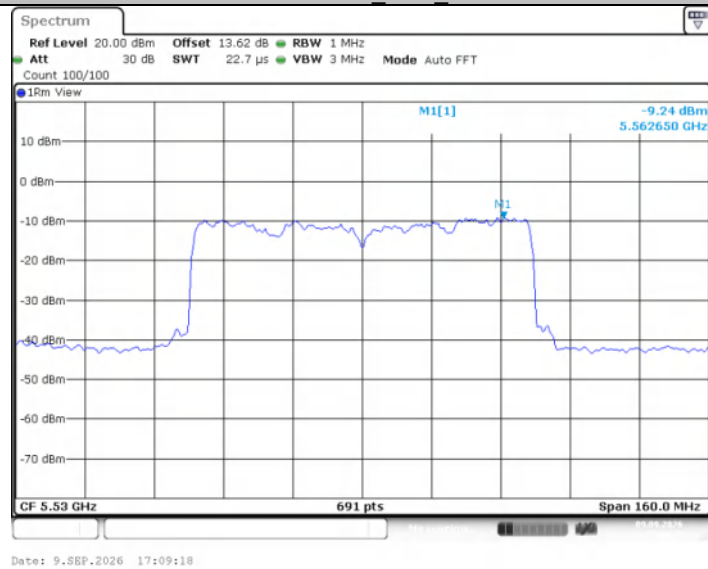
11AX40MIMO_Ant2_5795



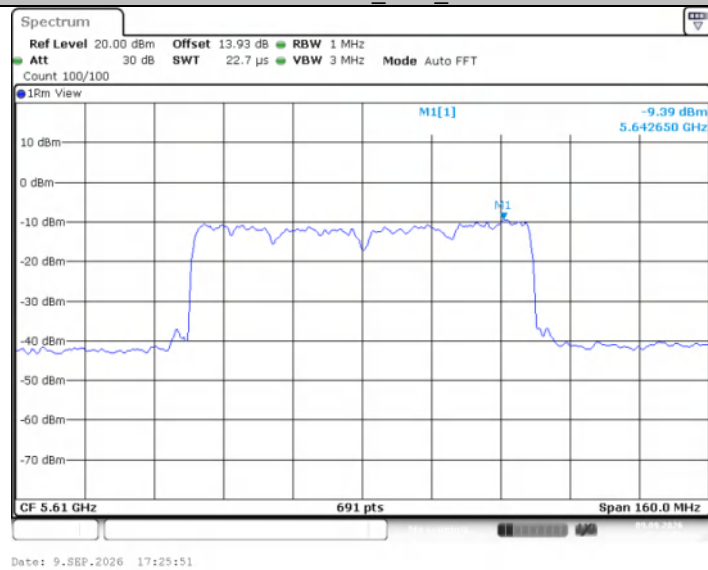
11AX80MIMO_Ant1_5530



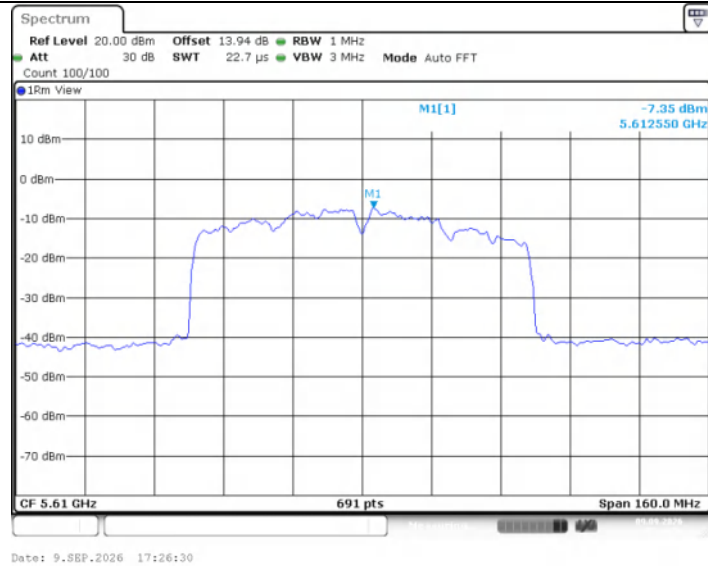
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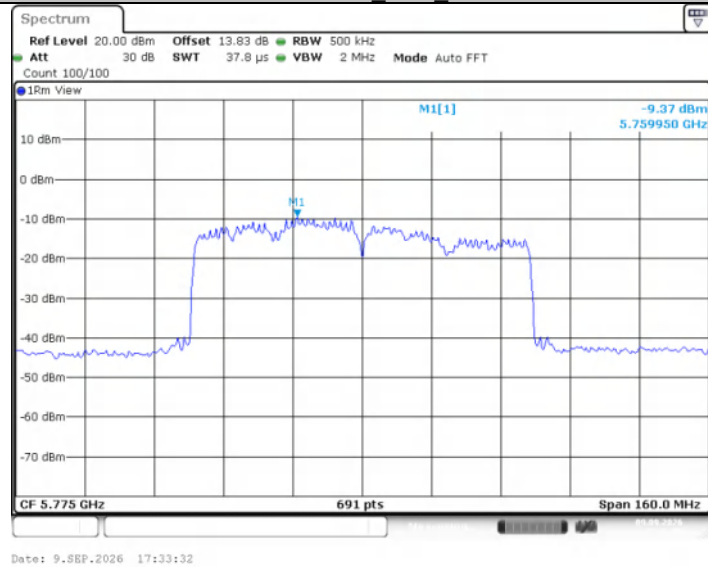
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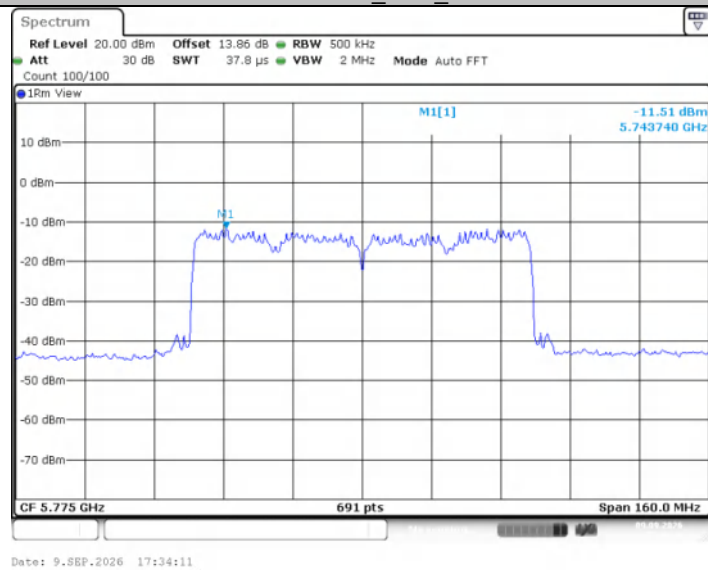
11AX80MIMO_Ant2_5610



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775

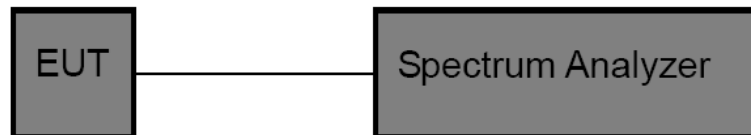


3.7. Duty Cycle

Limit

None, for report purposes only.

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
Set analyzer center frequency to test channel center frequency.
Set the span to 0Hz.
Set the RBW to 10MHz.
Set the VBW to 10MHz.
Detector: Peak.
Sweep time: Auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.

Test Result

Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor
11A	Ant1	5180	1.36	1.38	98.55	0.06
	Ant2	5180	1.36	1.38	98.55	0.06
	Ant1	5200	1.36	1.37	99.27	0.03
	Ant2	5200	1.36	1.37	99.27	0.03
	Ant1	5240	1.36	1.38	98.55	0.06
	Ant2	5240	1.36	1.37	99.27	0.03
	Ant1	5260	1.36	1.37	99.27	0.03
	Ant2	5260	1.36	1.37	99.27	0.03
	Ant1	5280	1.36	1.37	99.27	0.03
	Ant2	5280	1.36	1.37	99.27	0.03
	Ant1	5320	1.36	1.38	98.55	0.06
	Ant2	5320	1.36	1.37	99.27	0.03
	Ant1	5500	1.36	1.37	99.27	0.03
	Ant2	5500	1.36	1.38	98.55	0.06
	Ant1	5580	1.36	1.38	98.55	0.06
	Ant2	5580	1.36	1.37	99.27	0.03
	Ant1	5700	1.36	1.37	99.27	0.03
	Ant2	5700	1.36	1.37	99.27	0.03
	Ant1	5745	1.36	1.37	99.27	0.03
	Ant2	5745	1.36	1.38	98.55	0.06
	Ant1	5785	1.36	1.37	99.27	0.03
	Ant2	5785	1.36	1.38	98.55	0.06
	Ant1	5825	1.36	1.37	99.27	0.03
	Ant2	5825	1.36	1.38	98.55	0.06
11N20MIMO	Ant1	5180	1.15	1.16	99.14	0.04
	Ant2	5180	1.15	1.16	99.14	0.04
	Ant1	5200	1.14	1.16	98.28	0.08
	Ant2	5200	1.15	1.16	99.14	0.04
	Ant1	5240	1.15	1.16	99.14	0.04
	Ant2	5240	1.15	1.17	98.29	0.07
	Ant1	5260	1.15	1.16	99.14	0.04
	Ant2	5260	1.15	1.16	99.14	0.04
	Ant1	5280	1.15	1.16	99.14	0.04
	Ant2	5280	1.15	1.16	99.14	0.04
	Ant1	5320	1.15	1.17	98.29	0.07
	Ant2	5320	1.15	1.16	99.14	0.04
	Ant1	5500	1.15	1.16	99.14	0.04
	Ant2	5500	1.15	1.16	99.14	0.04
	Ant1	5580	1.14	1.16	98.28	0.08
	Ant2	5580	1.15	1.16	99.14	0.04
	Ant1	5700	1.14	1.16	98.28	0.08
	Ant2	5700	1.15	1.16	99.14	0.04
	Ant1	5745	1.15	1.16	99.14	0.04
	Ant2	5745	1.14	1.16	98.28	0.08
	Ant1	5785	1.14	1.16	98.28	0.08
	Ant2	5785	1.15	1.16	99.14	0.04
	Ant1	5825	1.14	1.16	98.28	0.08
	Ant2	5825	1.15	1.16	99.14	0.04
11N40MIMO	Ant1	5190	0.57	0.58	98.28	0.08
	Ant2	5190	0.57	0.58	98.28	0.08
	Ant1	5230	0.58	0.59	98.31	0.07
	Ant2	5230	0.57	0.58	98.28	0.08
	Ant1	5270	0.57	0.58	98.28	0.08
	Ant2	5270	0.57	0.58	98.28	0.08
	Ant1	5310	0.57	0.59	96.61	0.15
	Ant2	5310	0.57	0.58	98.28	0.08
	Ant1	5510	0.57	0.59	96.61	0.15
	Ant2	5510	0.57	0.58	98.28	0.08
	Ant1	5550	0.57	0.58	98.28	0.08
	Ant2	5550	0.58	0.59	98.31	0.07
	Ant1	5670	0.58	0.59	98.31	0.07
	Ant2	5670	0.57	0.58	98.28	0.08