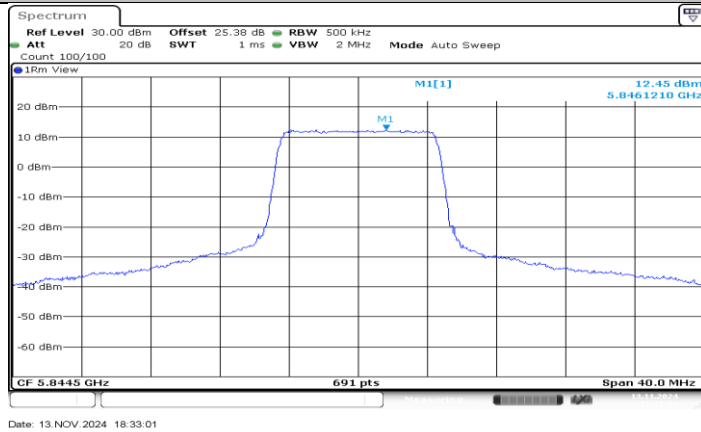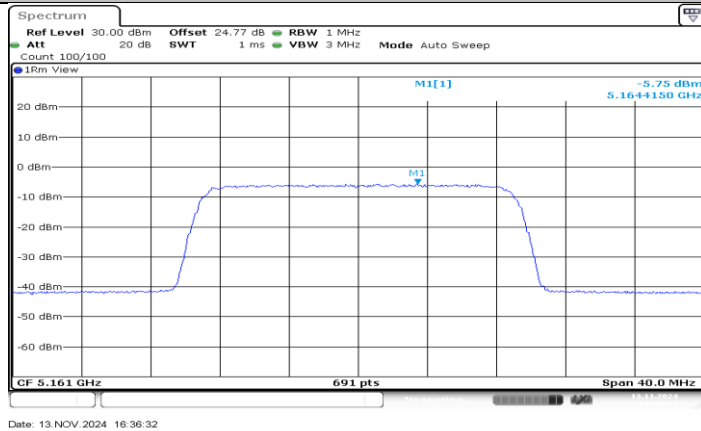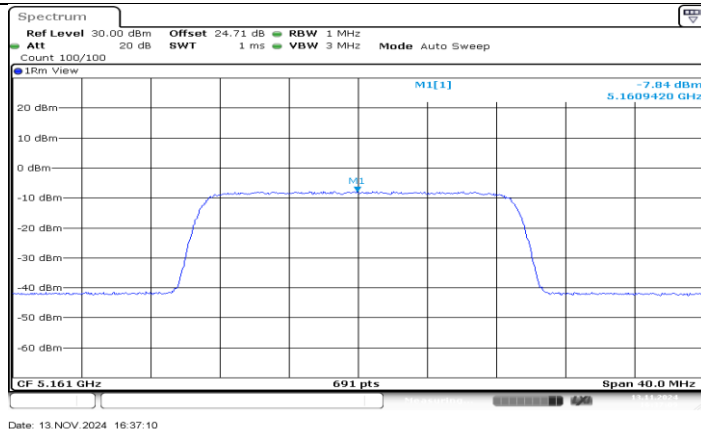SDR 10M_Ant1_5844.5

SDR 10M_Ant2_5844.5

SDR 20M_Ant1_5161

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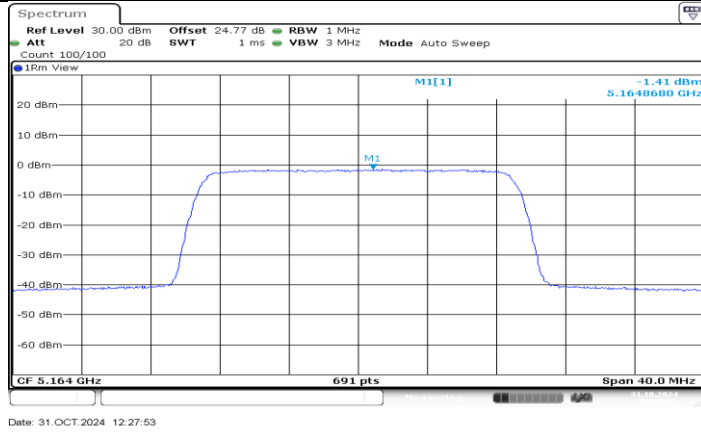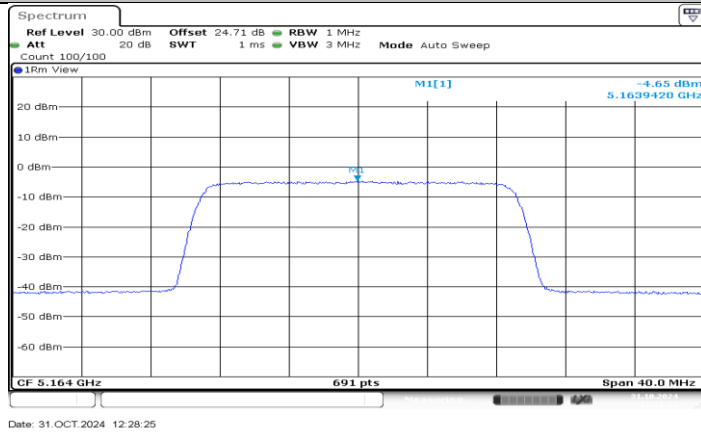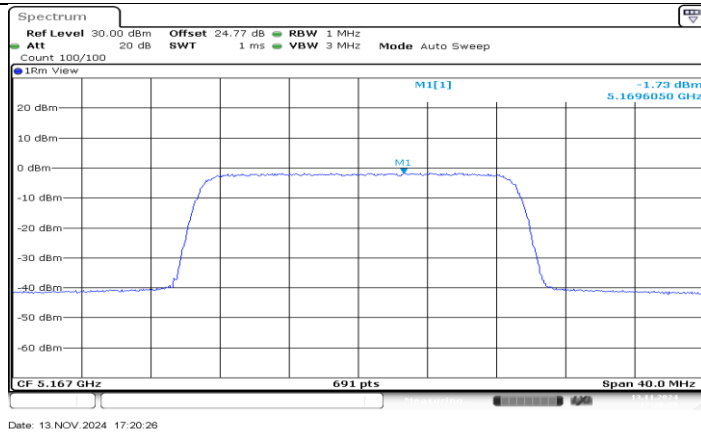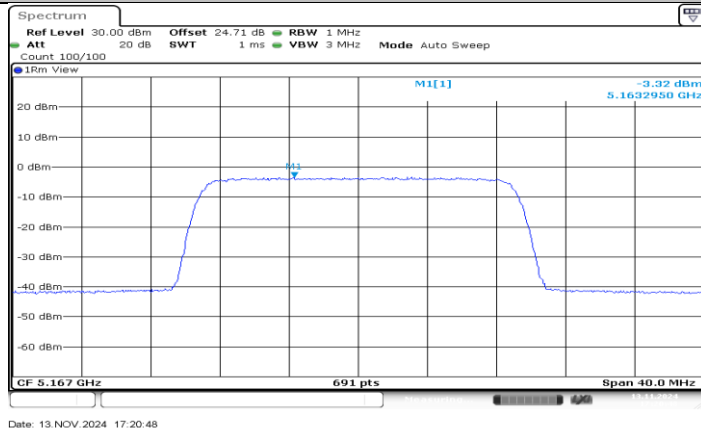
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SDR 20M_Ant1_5164

SDR 20M_Ant2_5164

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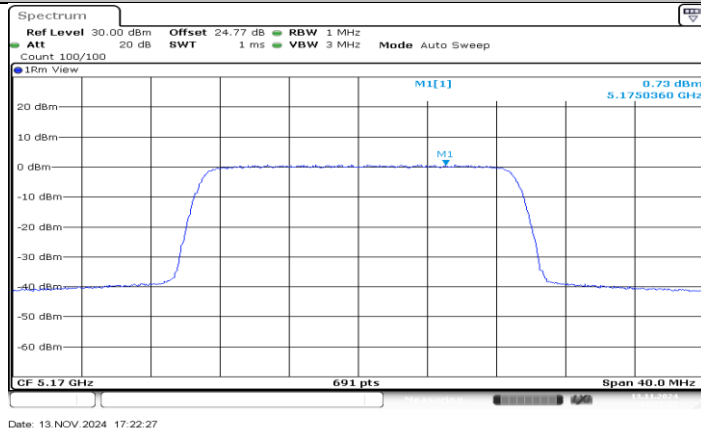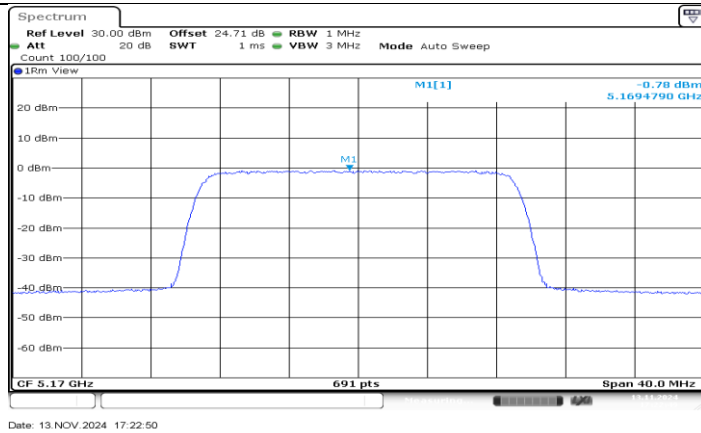
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SDR 20M_Ant2_5167

SDR 20M_Ant1_5170

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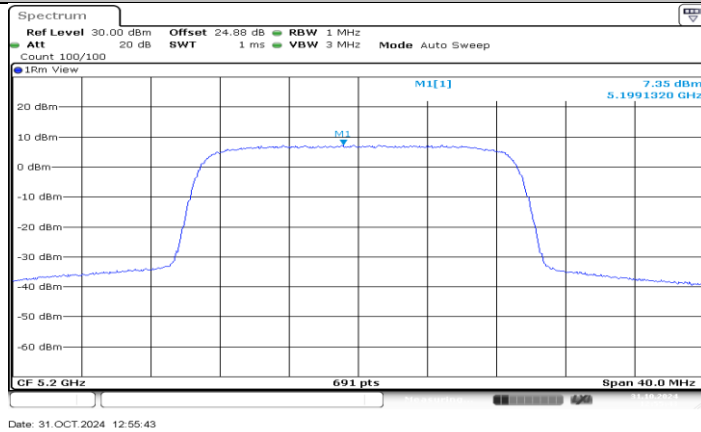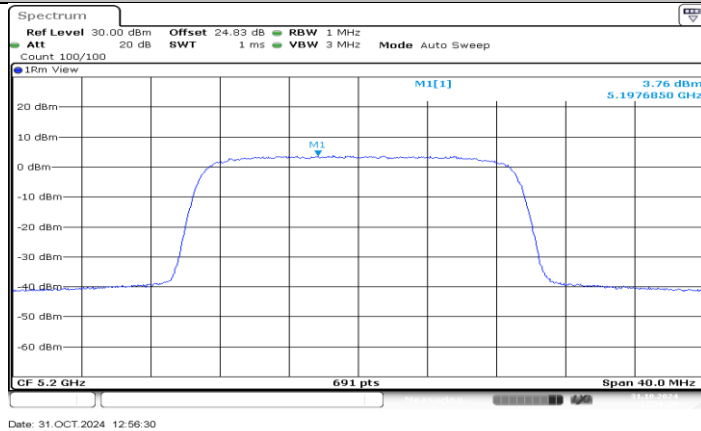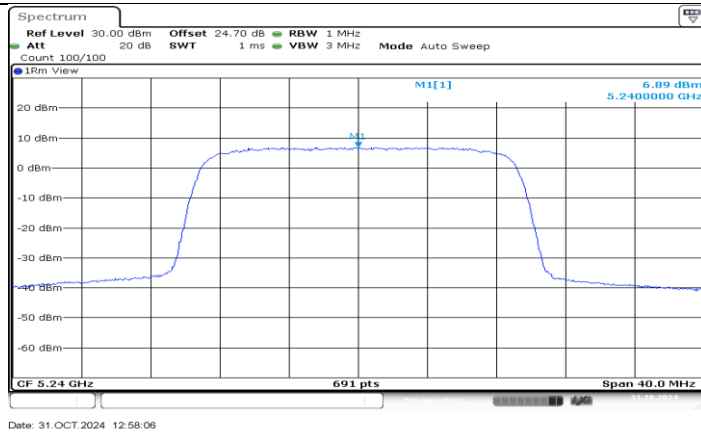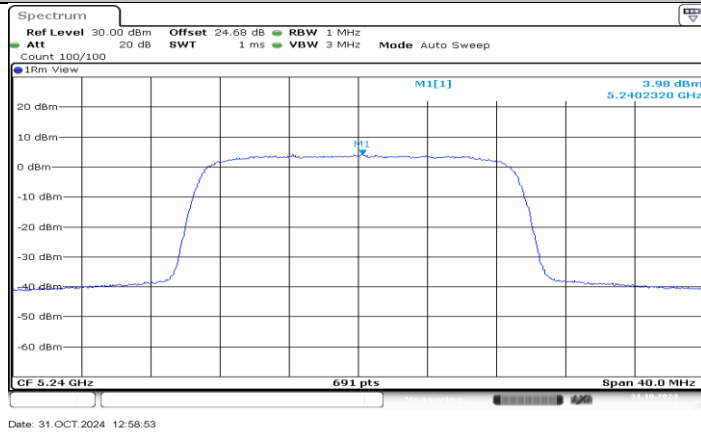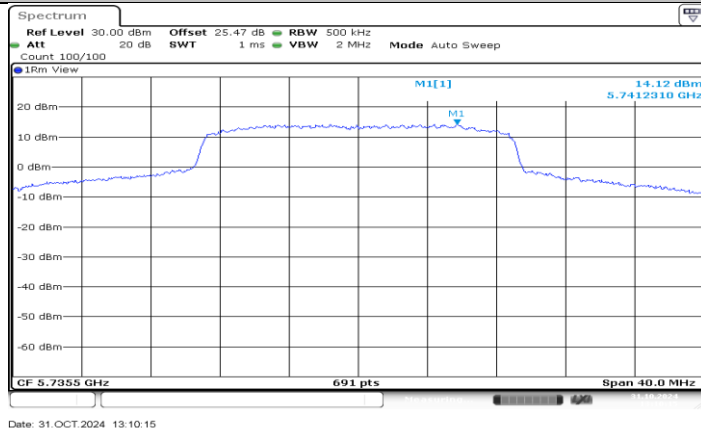
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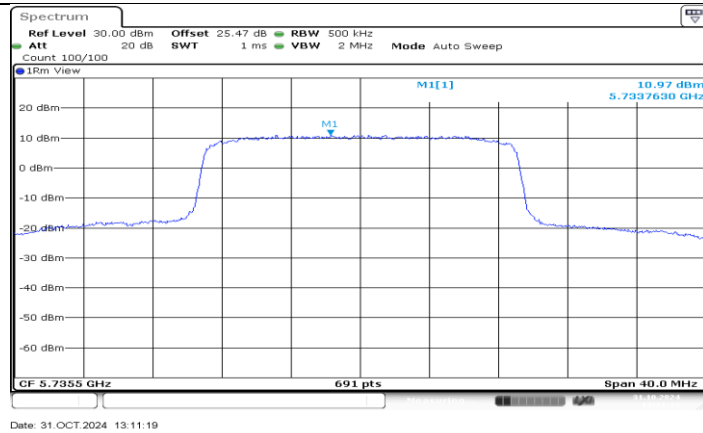SDR 20M_Ant1_5200

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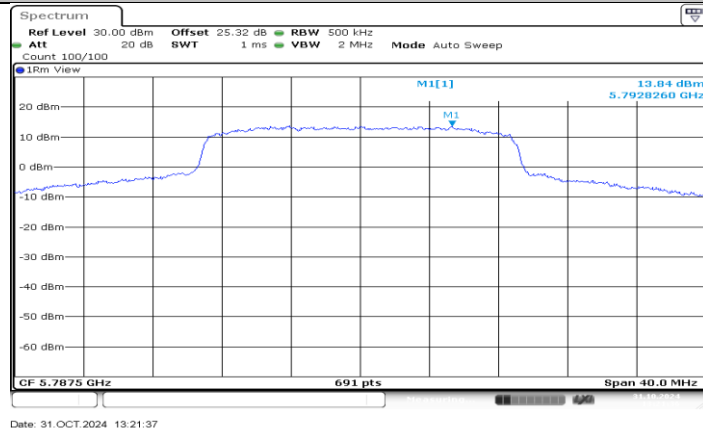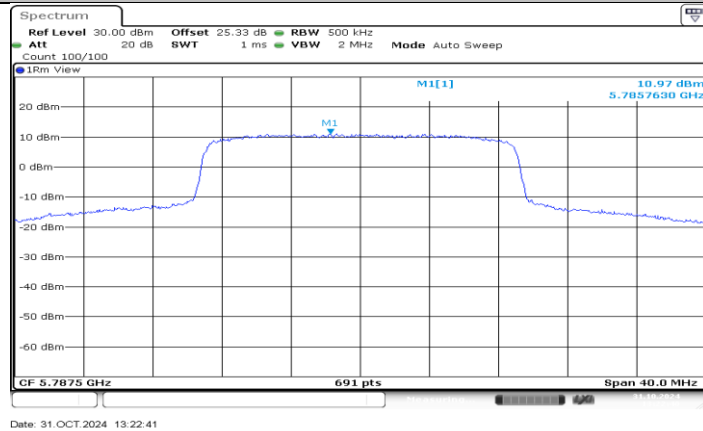
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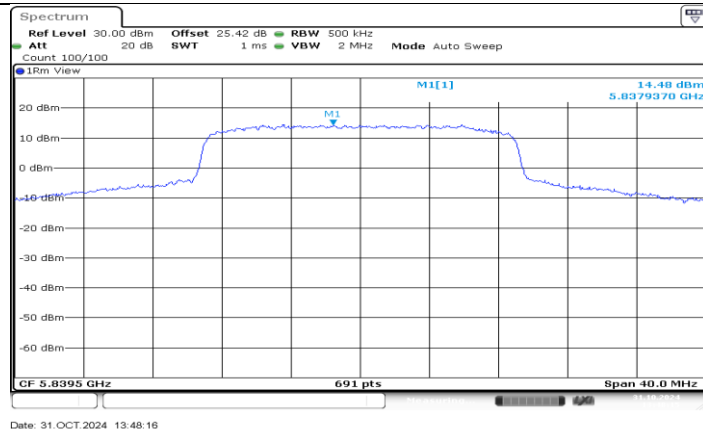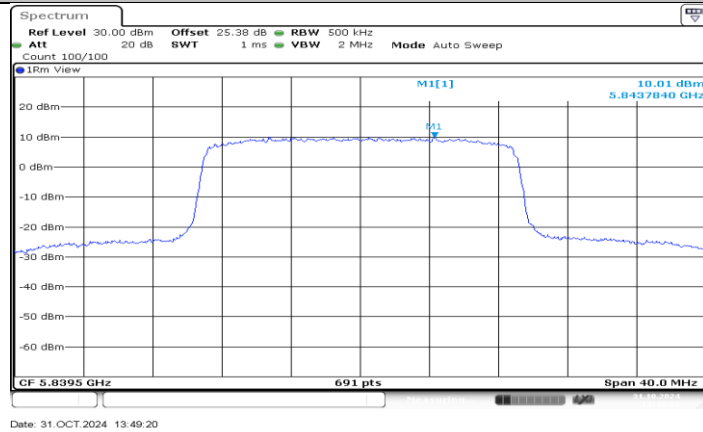

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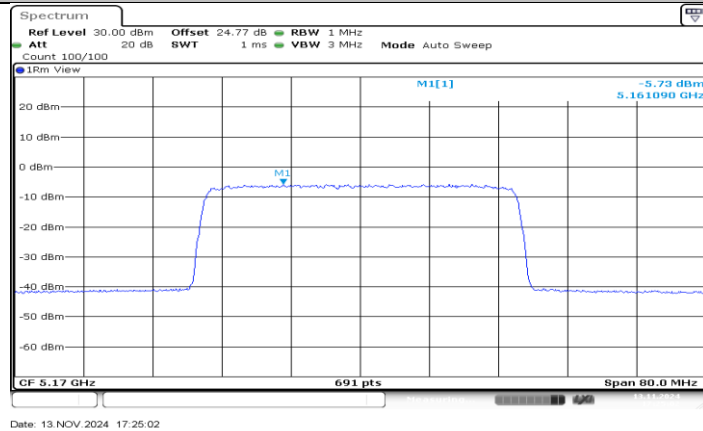SDR 20M_Ant2_5735.5
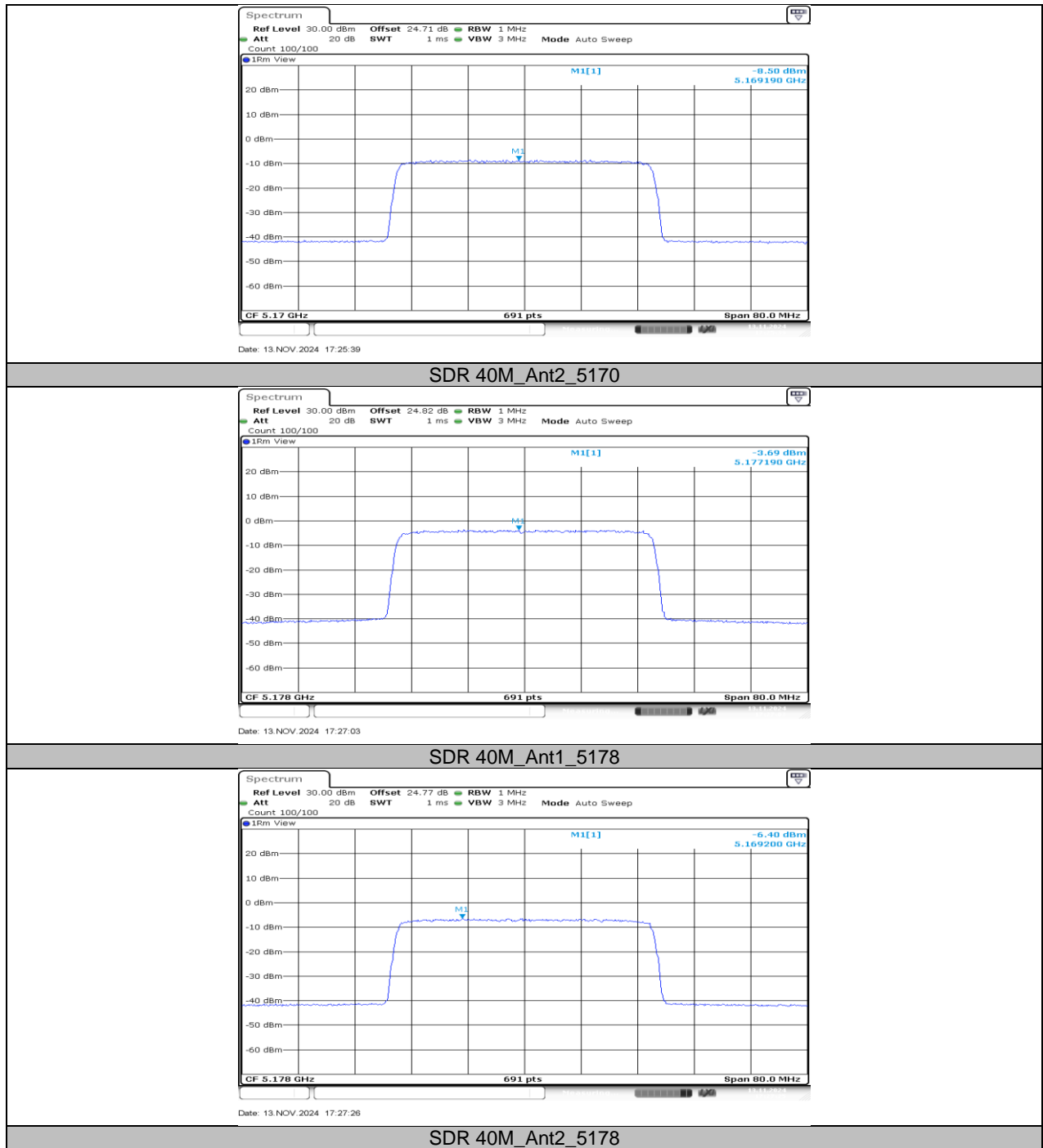

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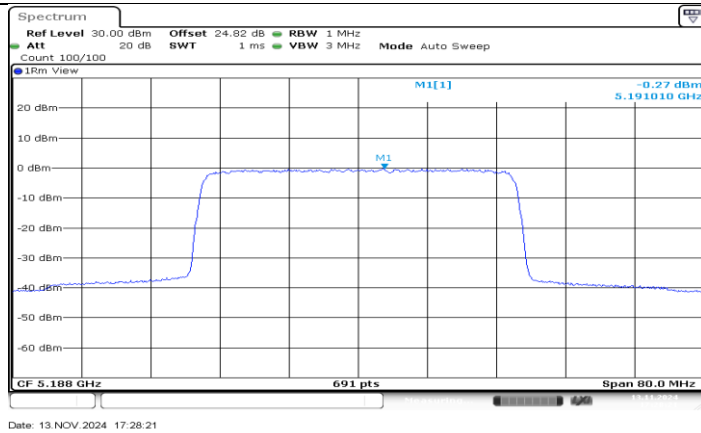SDR 20M_Ant2_5787.5

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SDR 20M_Ant2_5839.5

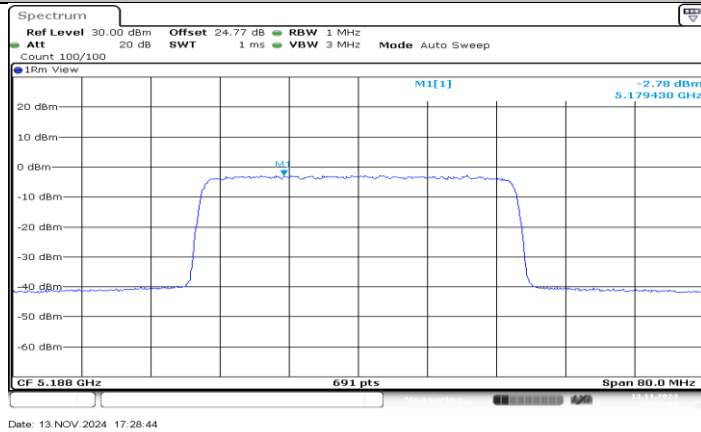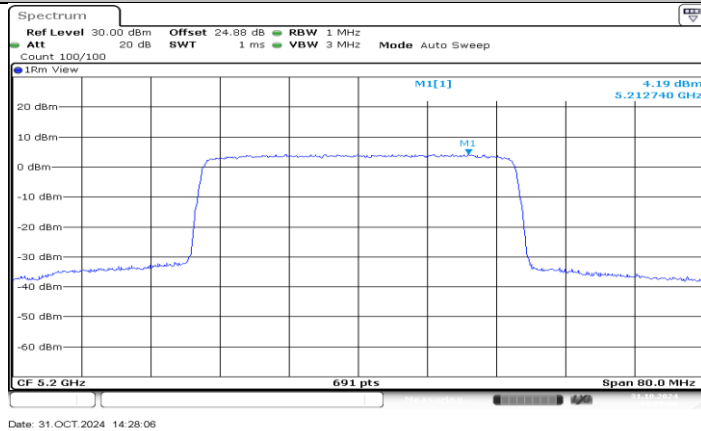SDR 40M_Ant1_5170

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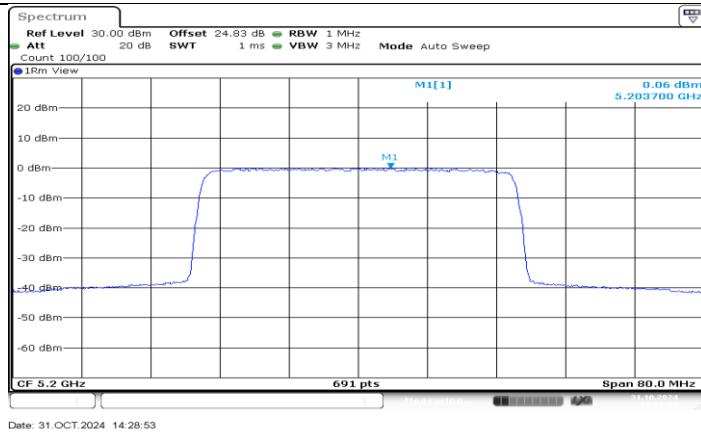

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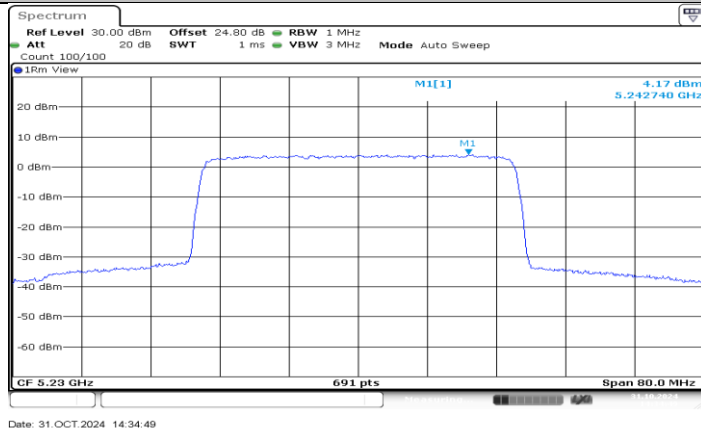SDR 40M_Ant2_5178

SDR 40M_Ant1_5188

SDR 40M_Ant2_5188

SDR 40M_Ant1_5200

SDR 40M_Ant2_5200

SDR 40M_Ant1_5230

SDR 40M_Ant2_5230

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SDR 40M_Ant2_5745.5

SDR 40M_Ant1_5771.5
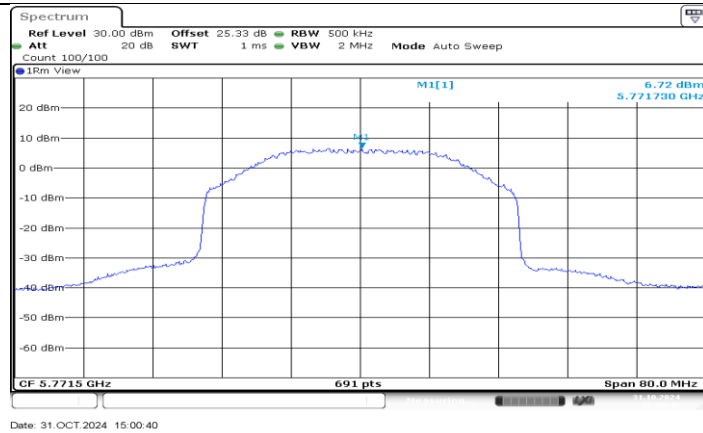
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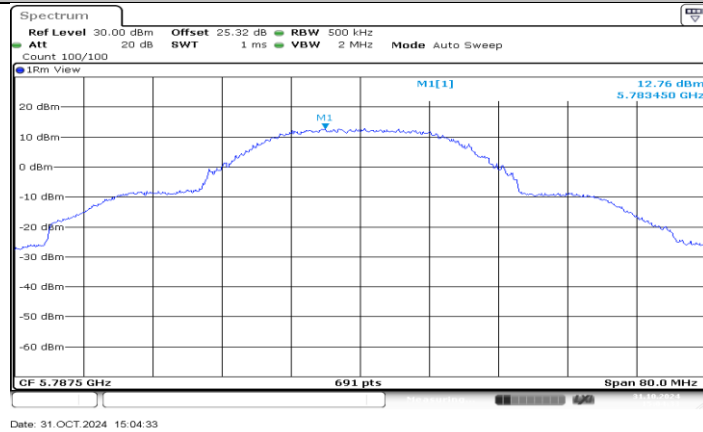
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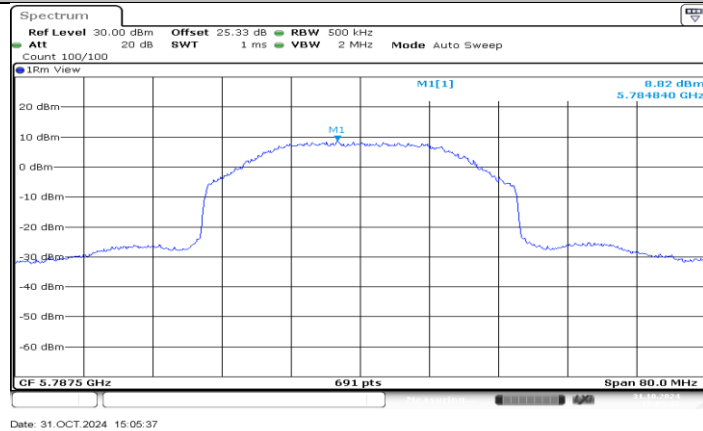
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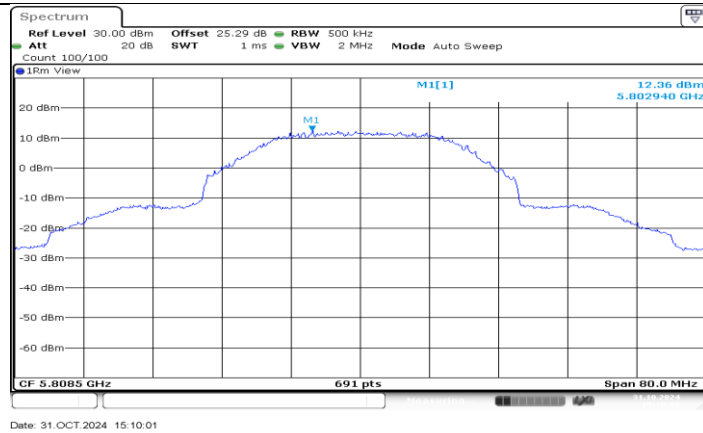
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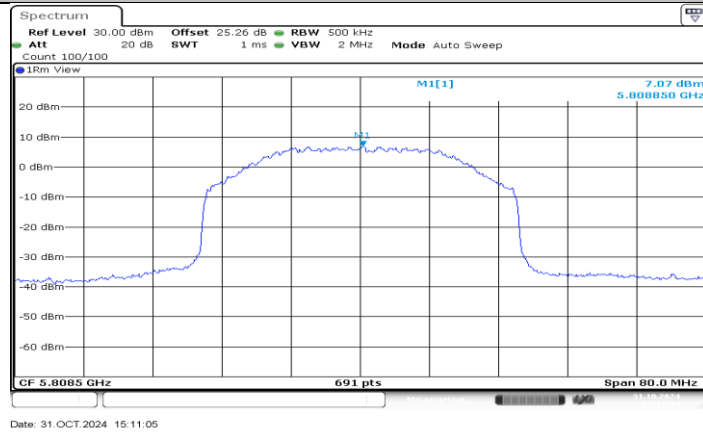
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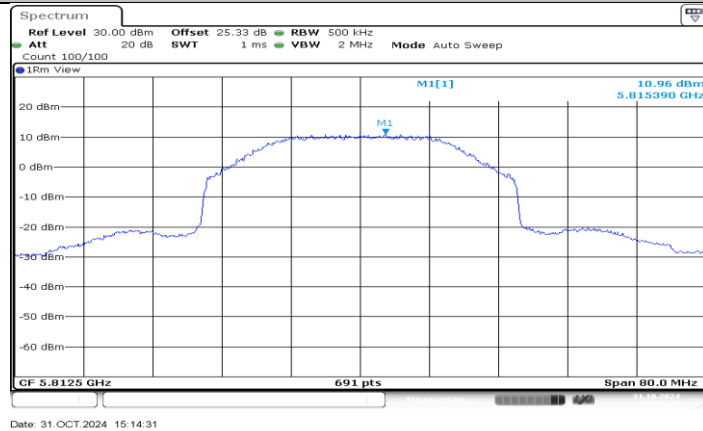
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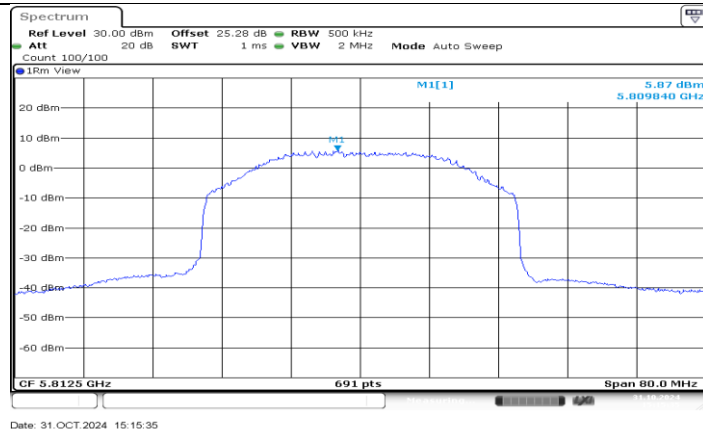
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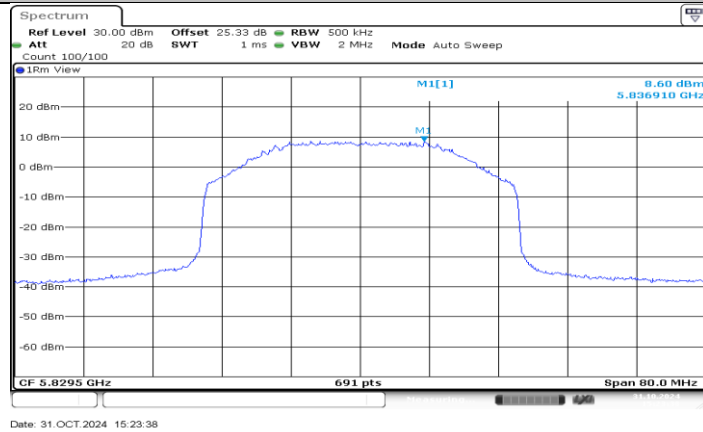
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SDR 40M_Ant2_5829.5

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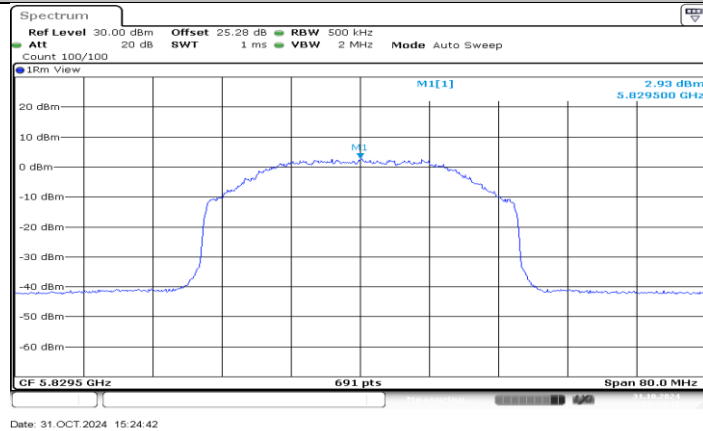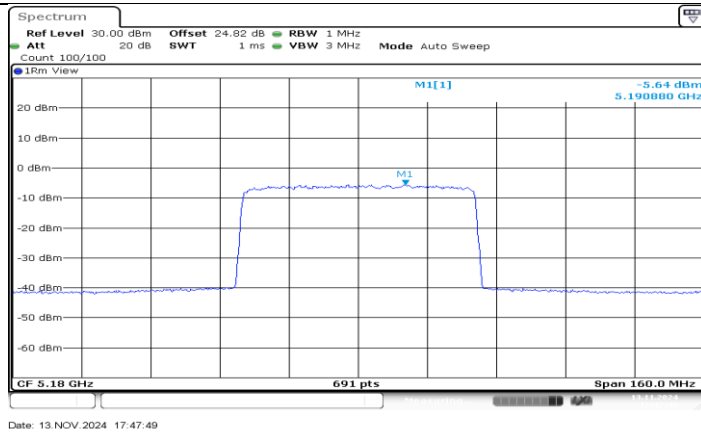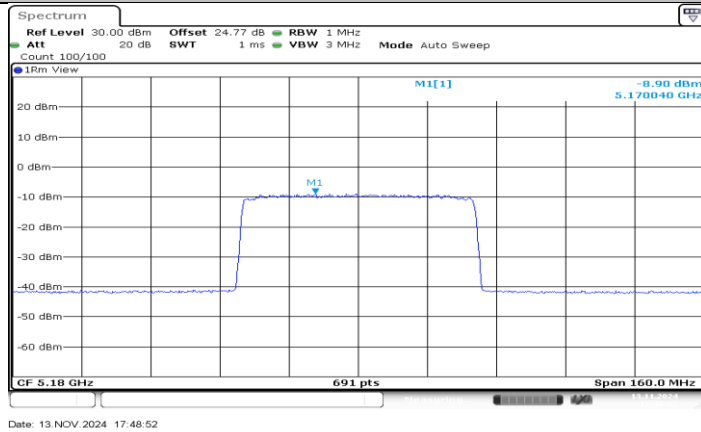
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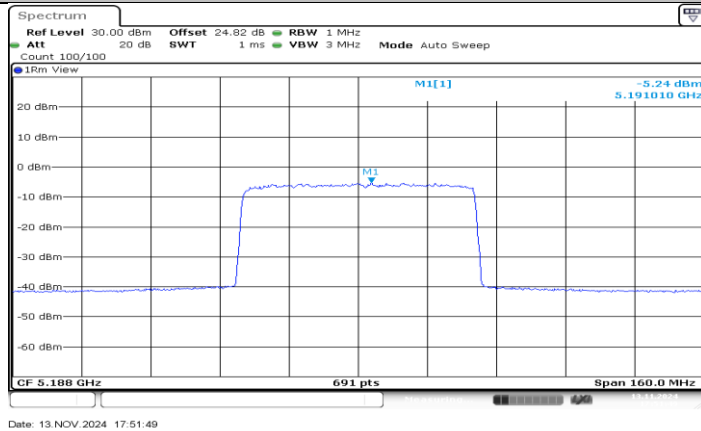
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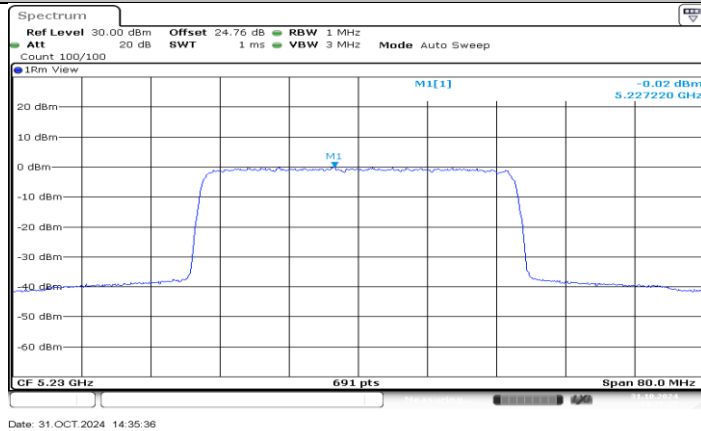
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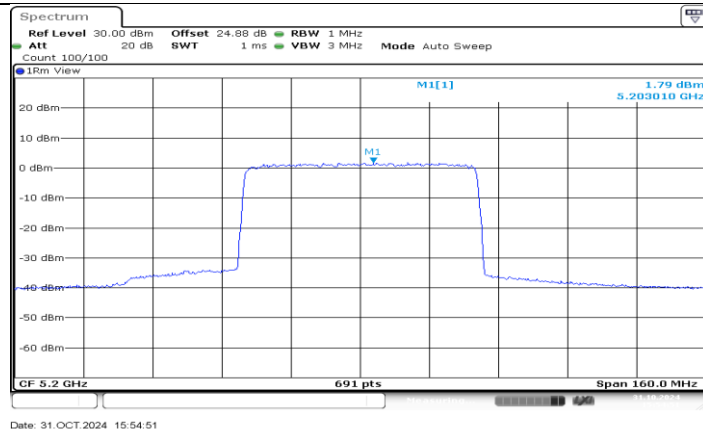
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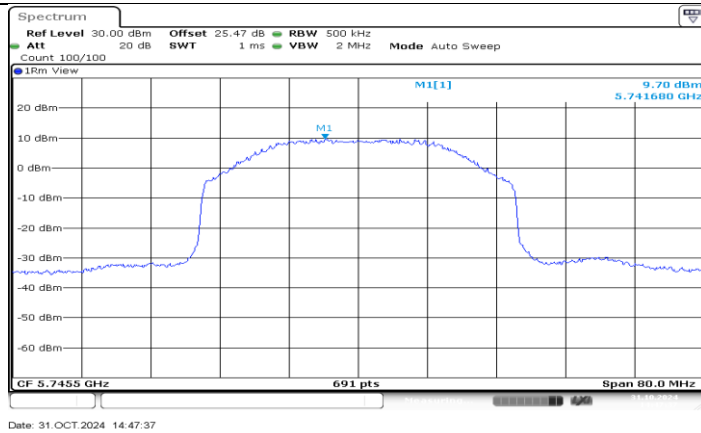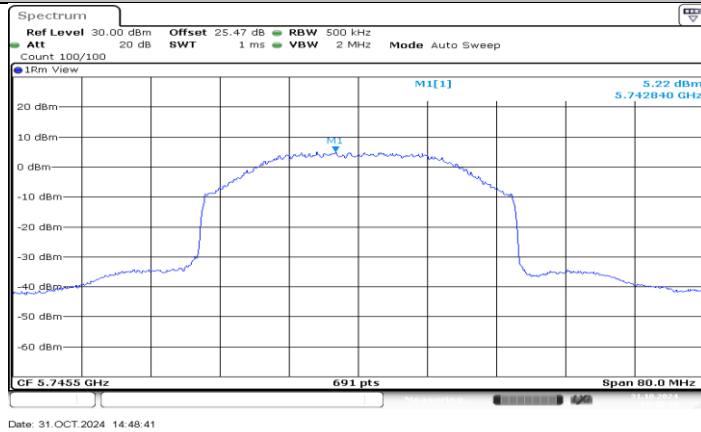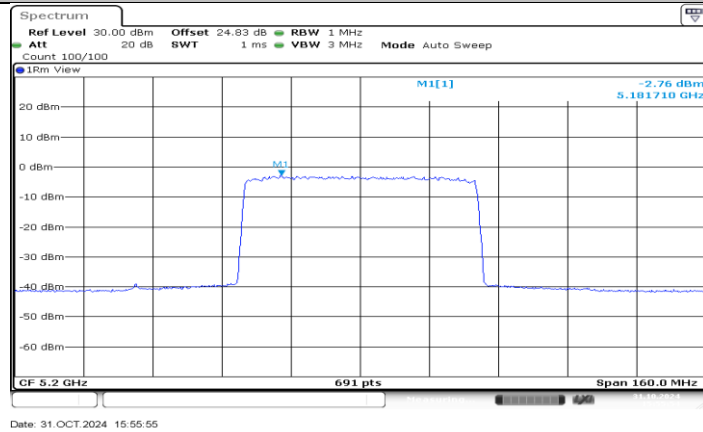
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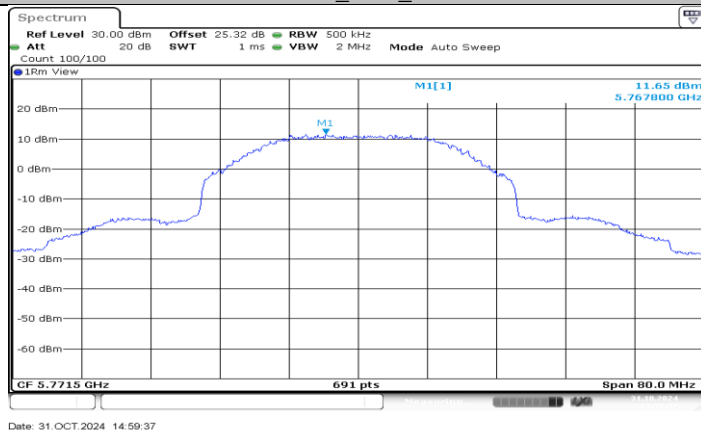SDR 60M_Ant2_5200
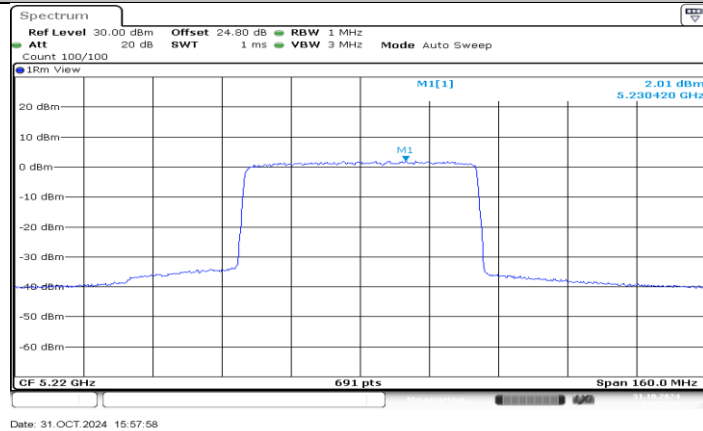
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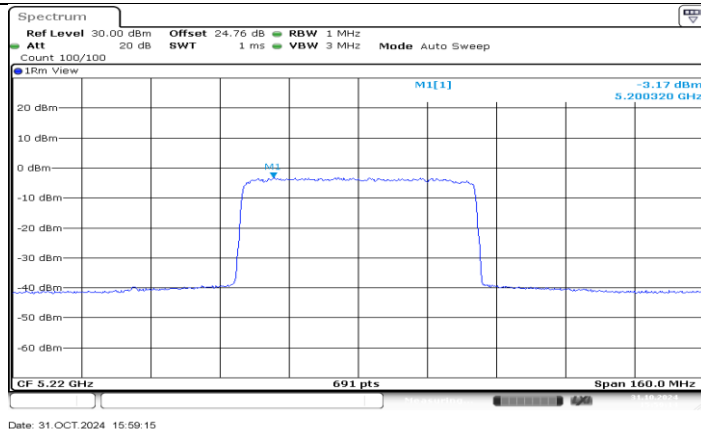
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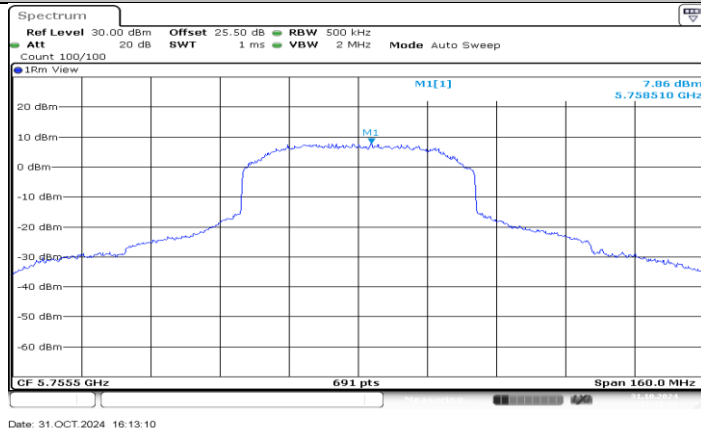
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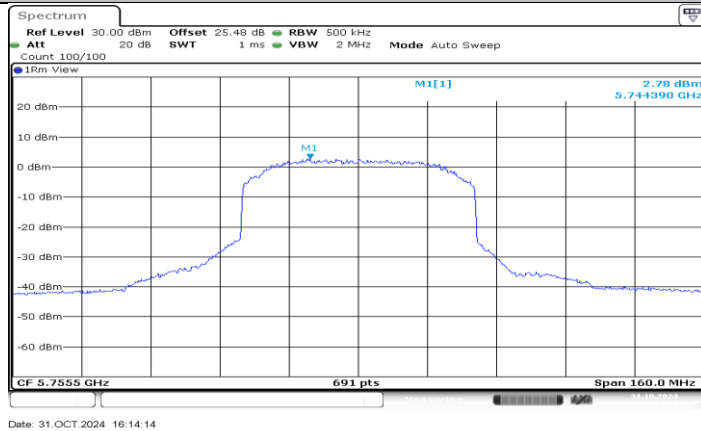
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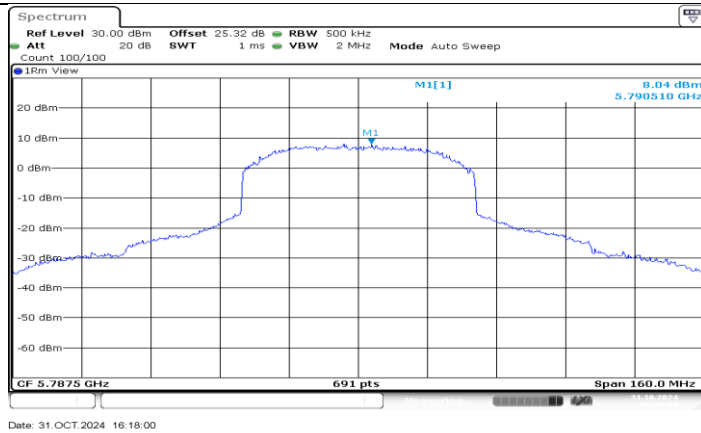
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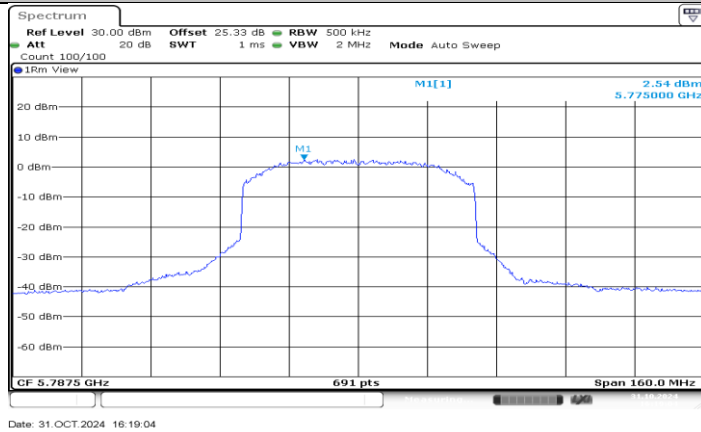
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SDR 60M_Ant1_5819.5

Date: 13.NOV.2024 18:01:33

SDR 60M_Ant2_5819.5

Date: 13.NOV.2024 18:04:23

SDR 80M_Ant1_5190

Date: 13.NOV.2024 18:05:26
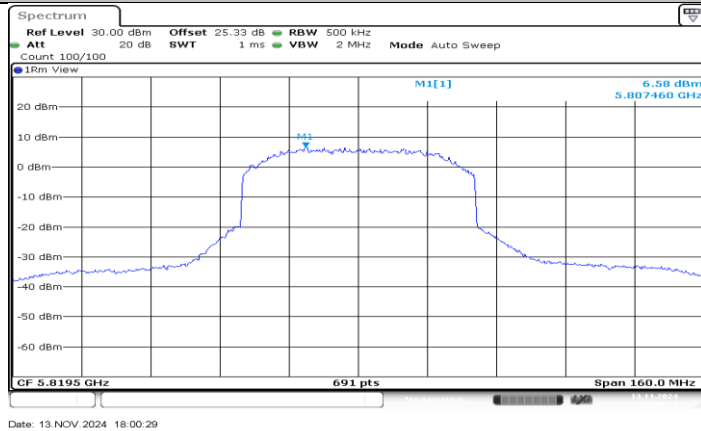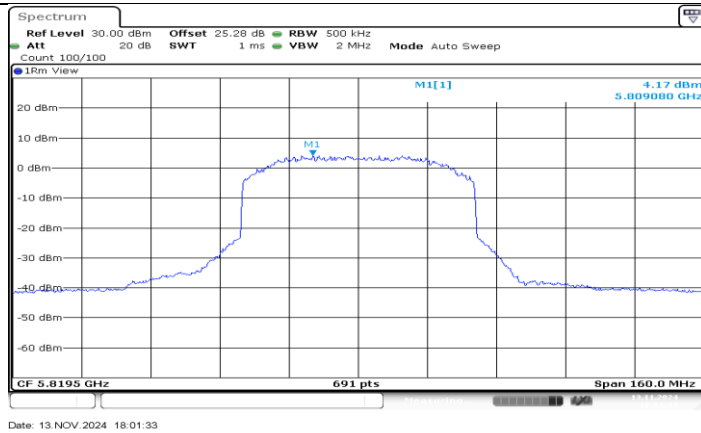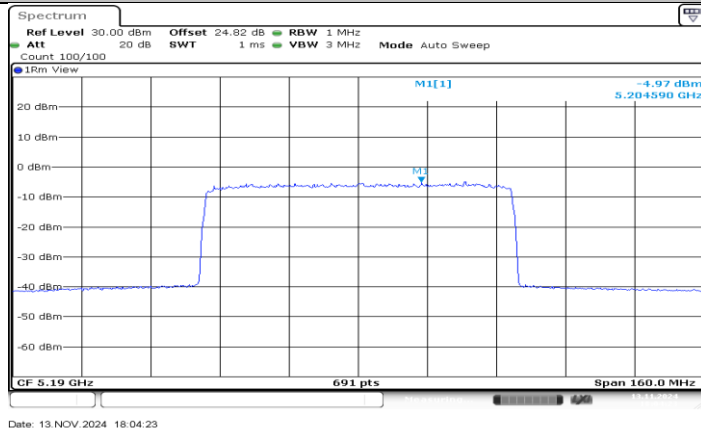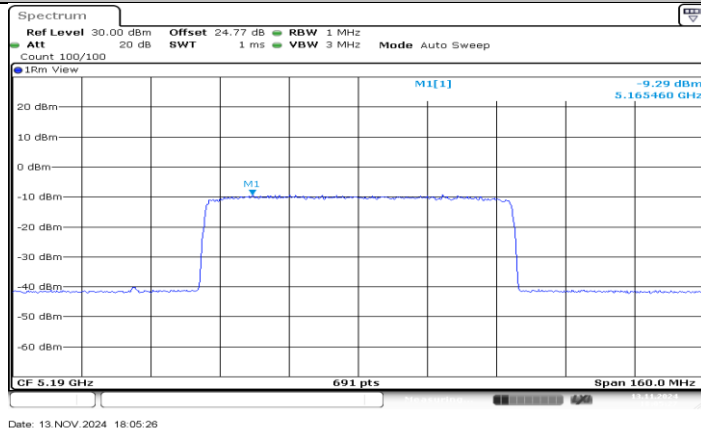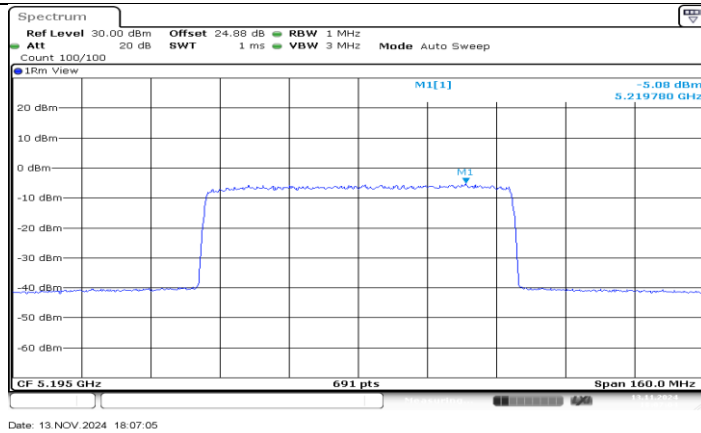
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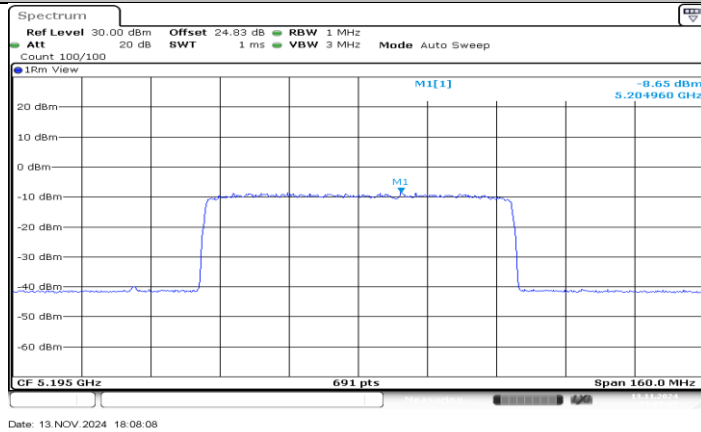
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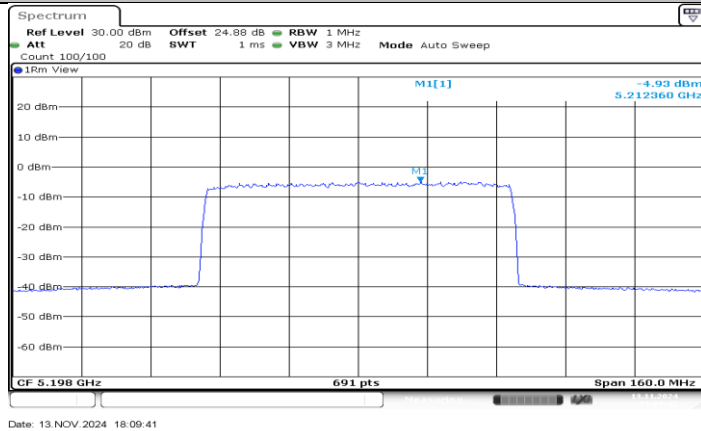
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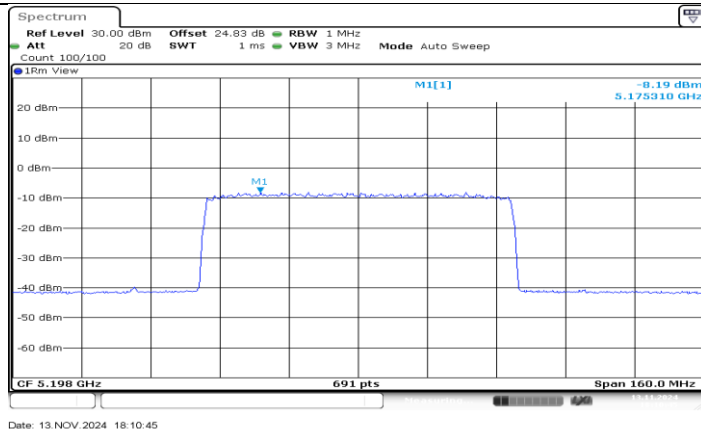
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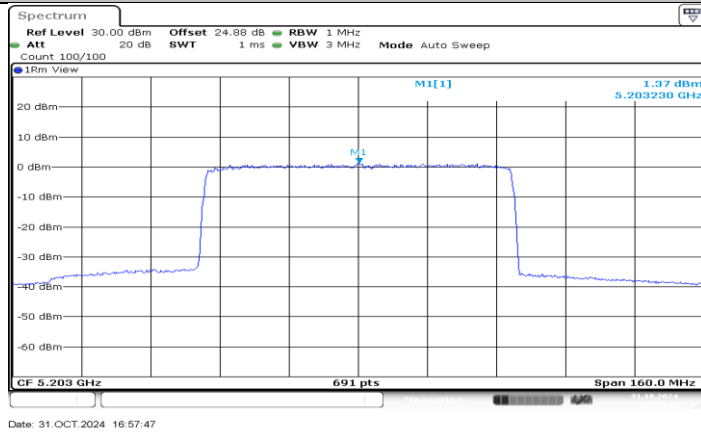
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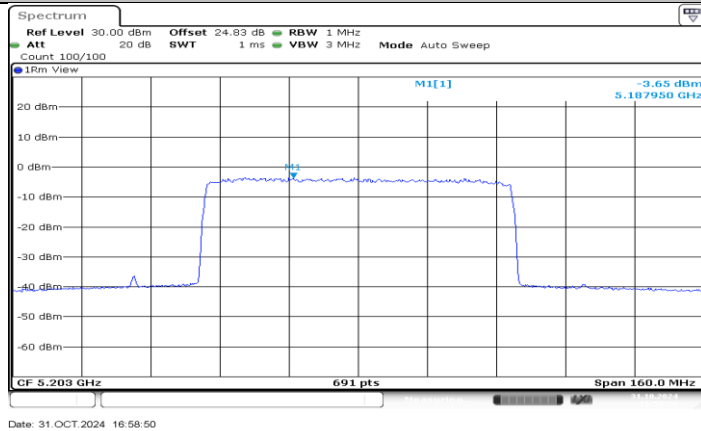
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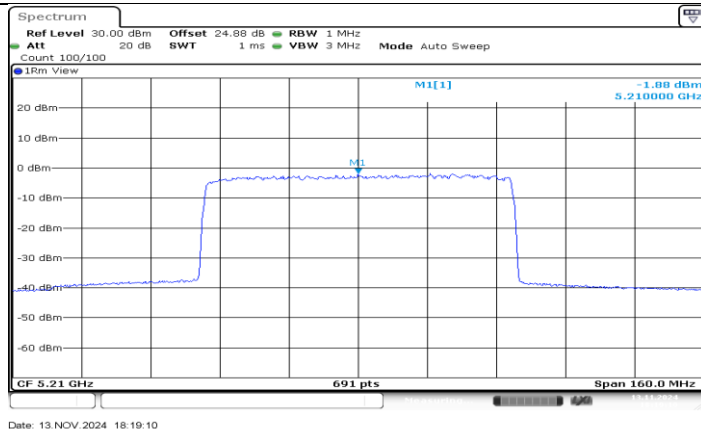
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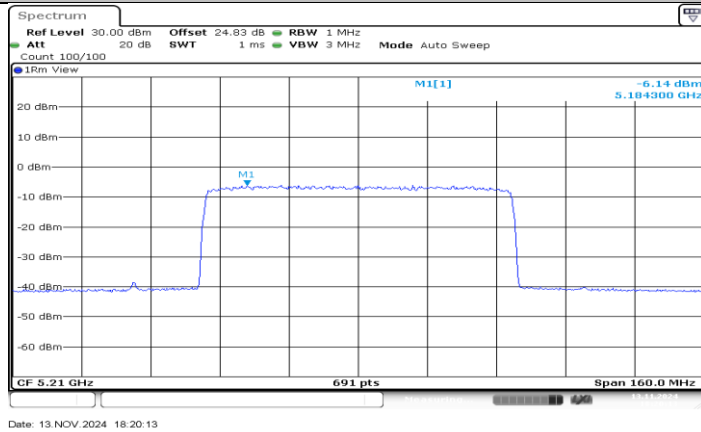
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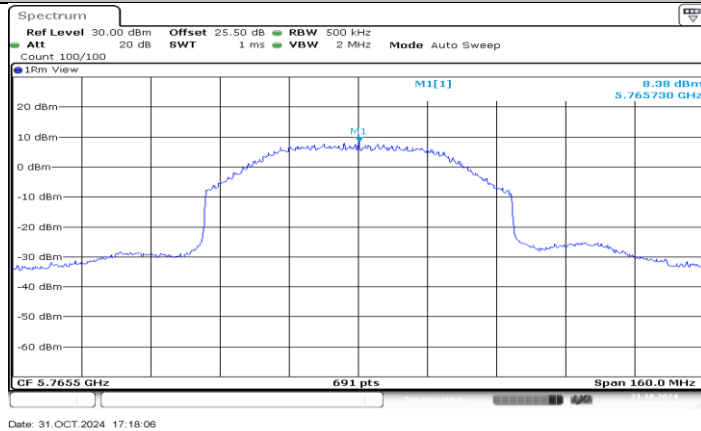

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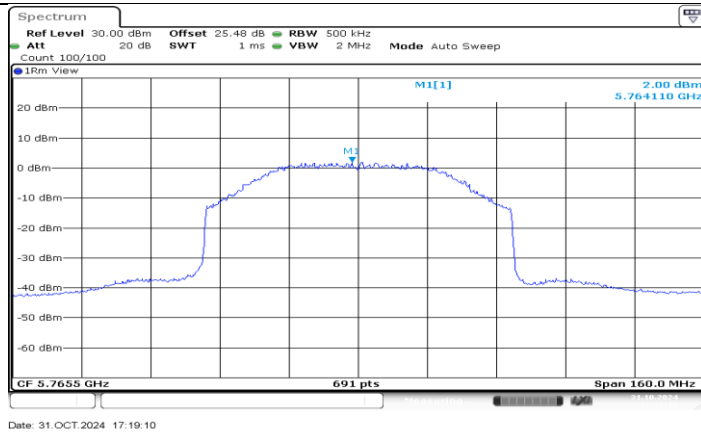
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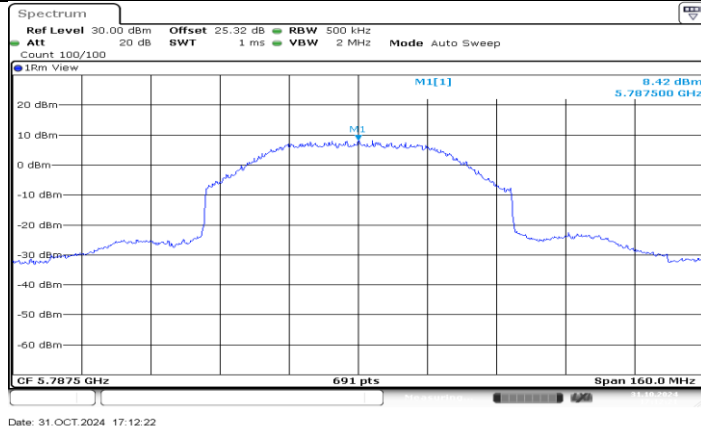
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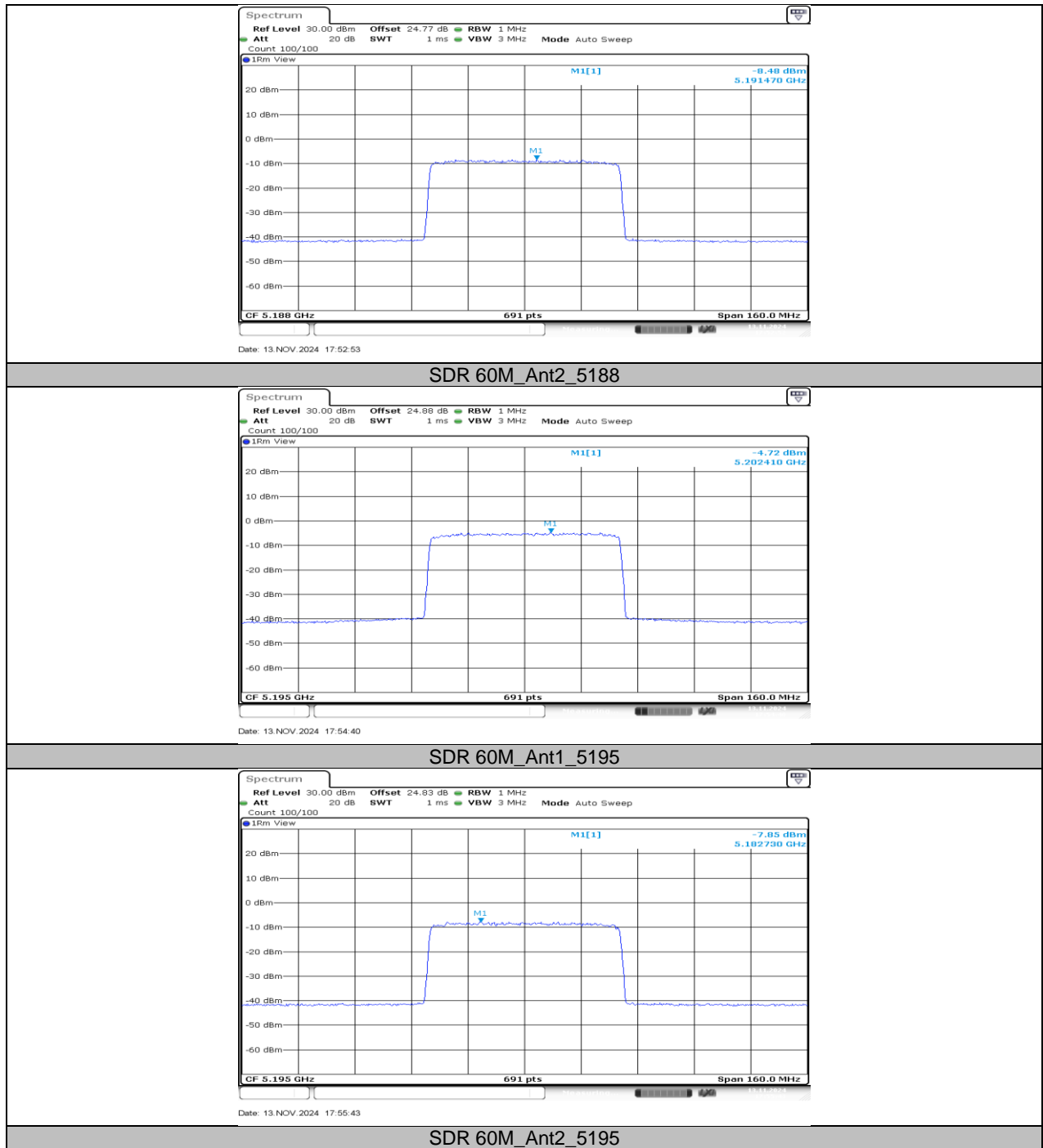SDR 80M_Ant2_5787.5

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SDR 80M_Ant1_5809.5

SDR 80M_Ant2_5809.5

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10.6. APPENDIX F: FREQUENCY STABILITY

10.6.1. Test Result

Frequency Error vs. Voltage									
SRD 10M:5201MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.9766	-4.51	5200.9967	-0.64	5201.0214	4.12	5201.0021	0.40
TN	VN	5200.9835	-3.18	5201.0195	3.74	5200.9891	-2.10	5200.9818	-3.50
TN	VH	5200.9807	-3.71	5201.0206	3.96	5200.9931	-1.34	5200.9902	-1.88
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5201.0231	4.44	5201.0088	1.69	5201.0167	3.20	5200.9910	-1.73
30	VN	5200.9875	-2.40	5200.9818	-3.50	5201.0201	3.87	5200.9891	-2.10
20	VN	5200.9753	-4.74	5200.9944	-1.08	5200.9794	-3.95	5201.0057	1.10
10	VN	5200.9759	-4.63	5201.0077	1.48	5201.0145	2.78	5201.0150	2.89
0	VN	5200.9969	-0.61	5200.9754	-4.73	5201.0247	4.75	5200.9925	-1.43
-10	VN	5201.0157	3.01	5201.0068	1.31	5201.0131	2.52	5200.9774	-4.34

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.

2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

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10.7. APPENDIX G: DUTY CYCLE
10.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
SRD 10M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 20M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 40M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 60M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 80M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note:
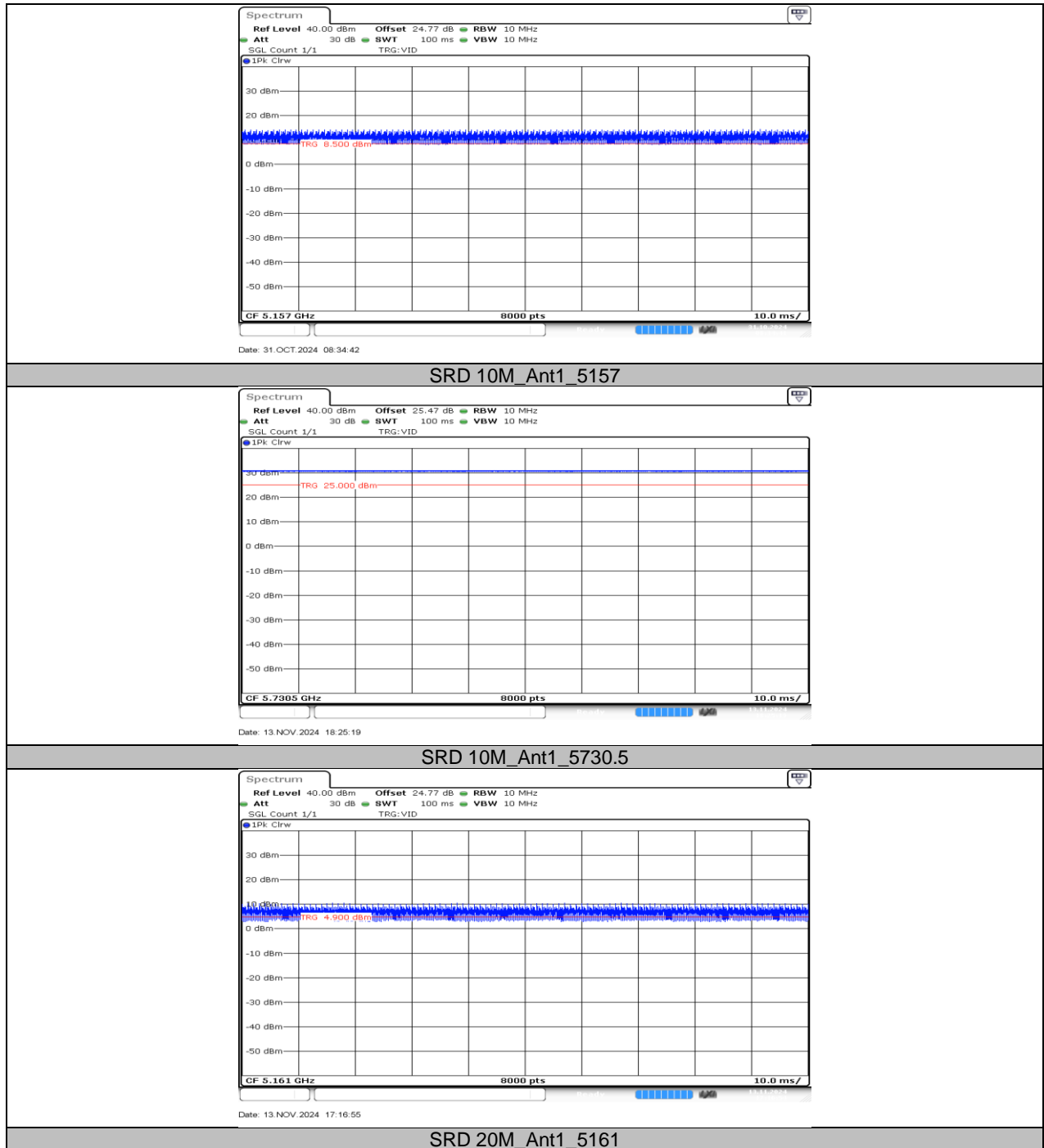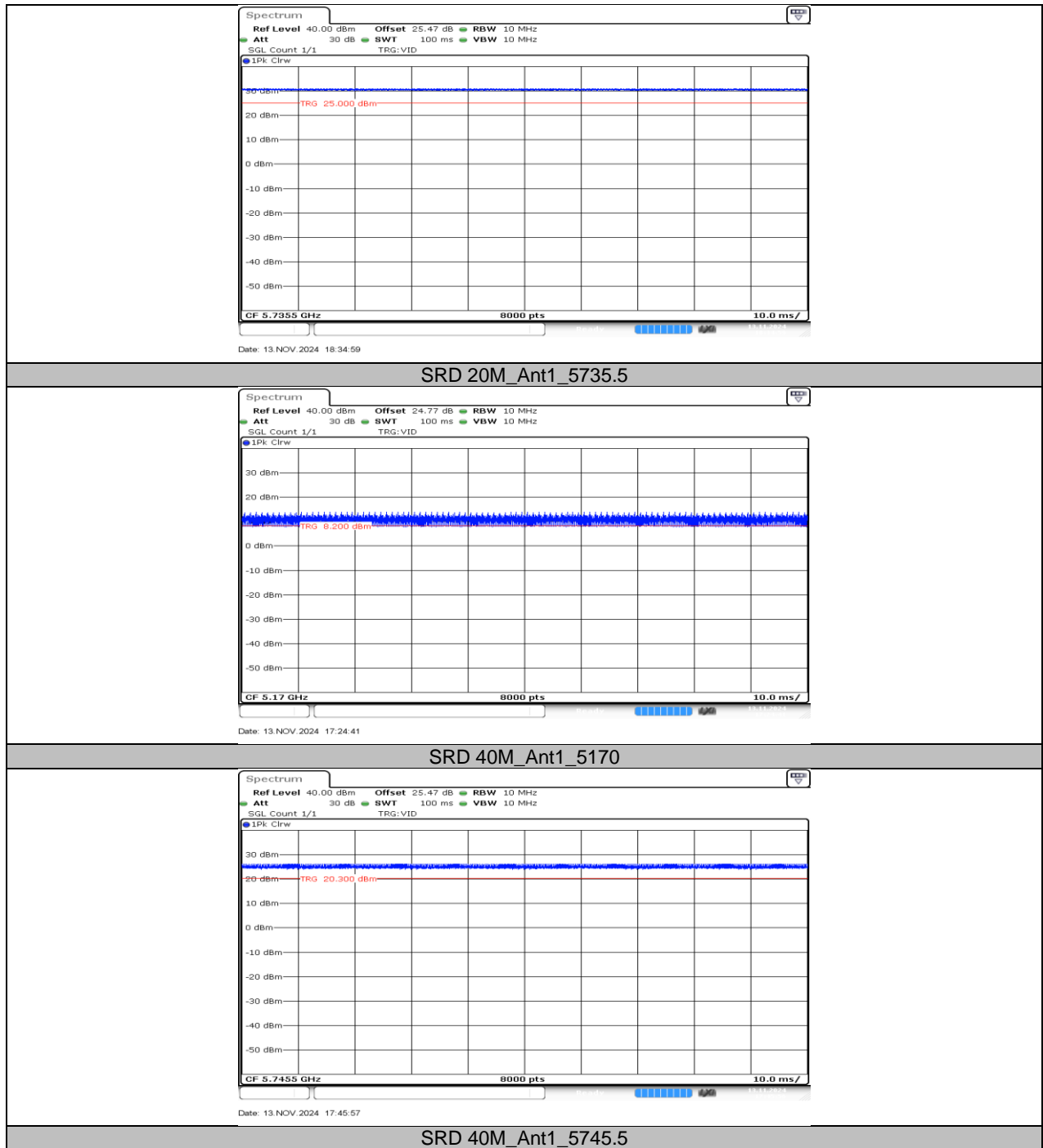Duty Cycle Correction Factor=10log (1/x).
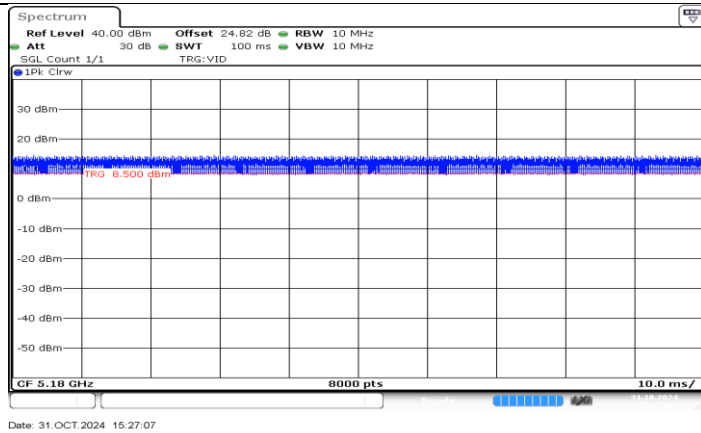Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
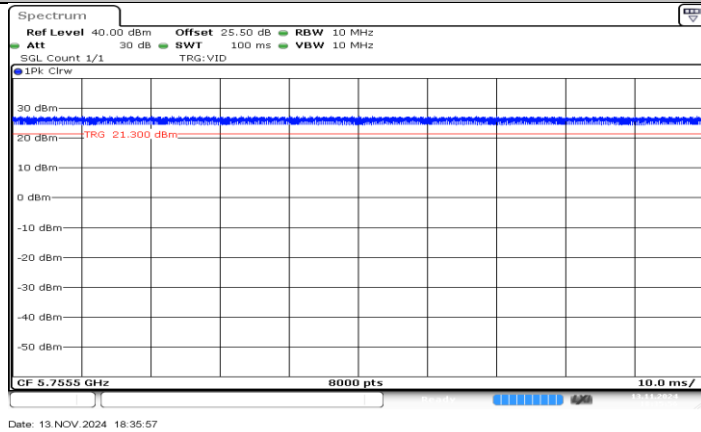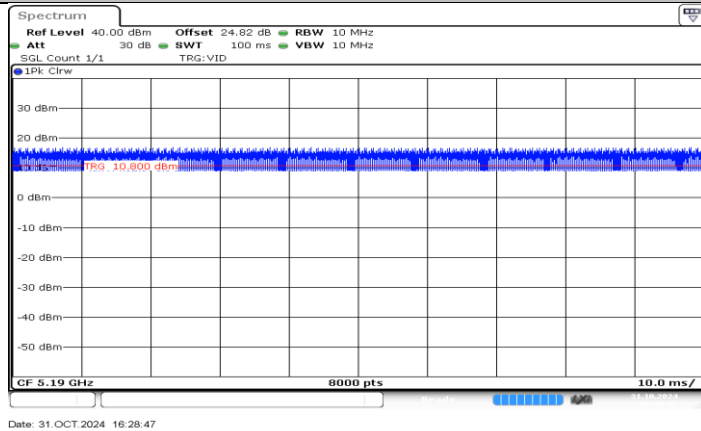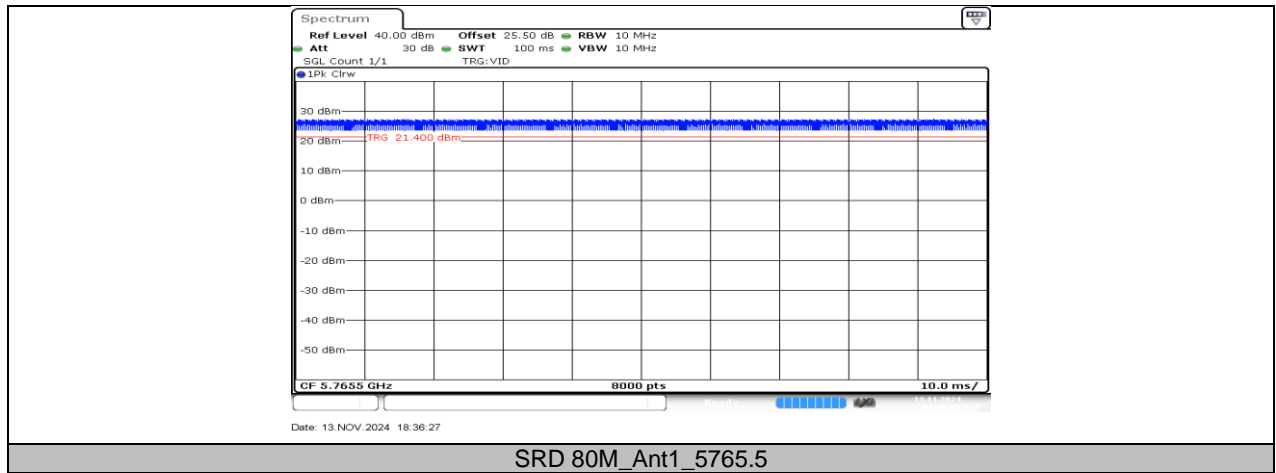
10.7.2. Test Graphs

SRD 10M_Ant1_5157

SRD 10M_Ant1_5730.5

SRD 20M_Ant1_5161

SRD 20M_Ant1_5735.5

SRD 40M_Ant1_5170

SRD 40M_Ant1_5745.5

Date: 31.OCT.2024 15:27:07

SRD 60M_Ant1_5180

Date: 13.NOV.2024 18:35:57

SRD 60M_Ant1_5755.5

Date: 31.OCT.2024 16:28:47

SRD 80M_Ant1_5190

SRD 80M_Ant1_5765.5

END OF REPORT