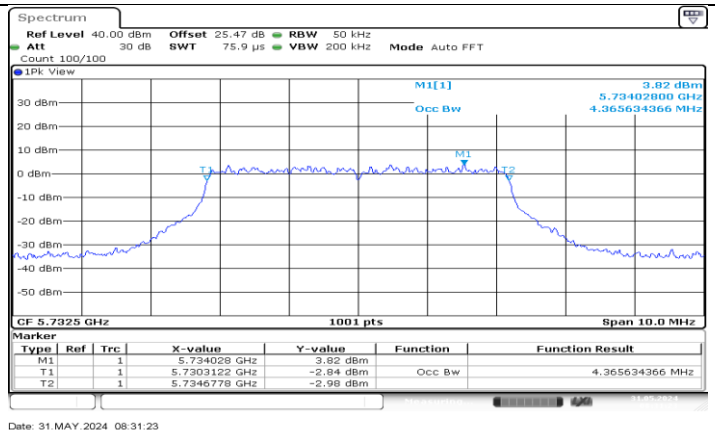
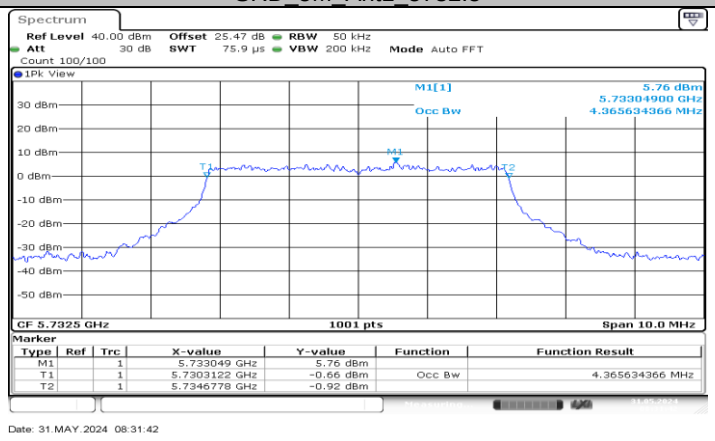
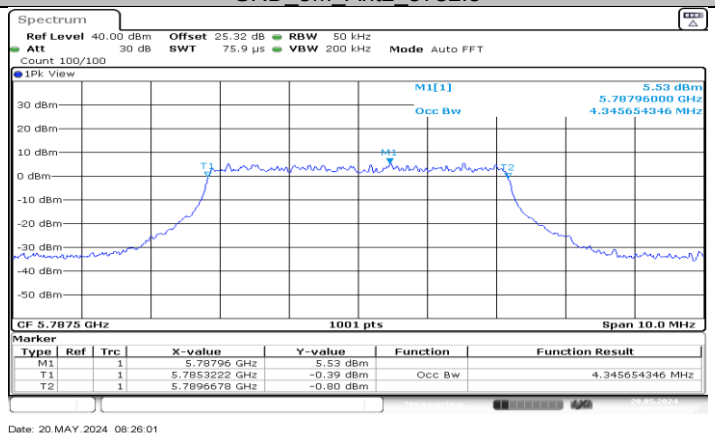


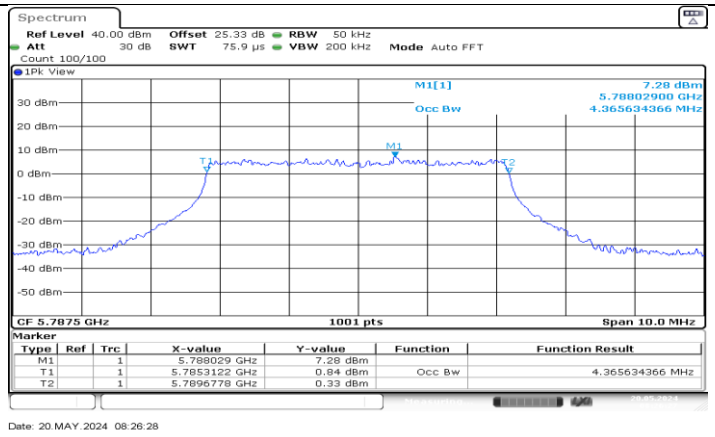
SRD_5M_Ant1_5732.5



SRD_5M_Ant2_5732.5



SRD_5M_Ant1_5787.5



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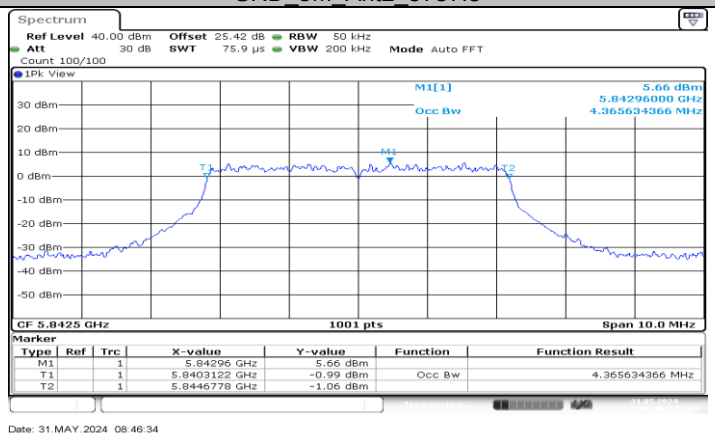
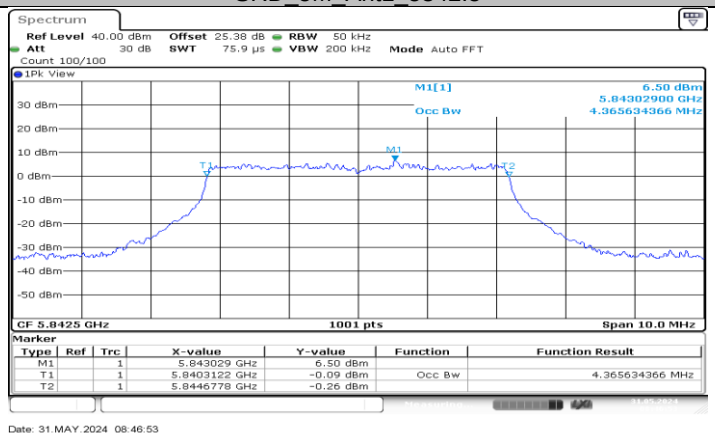
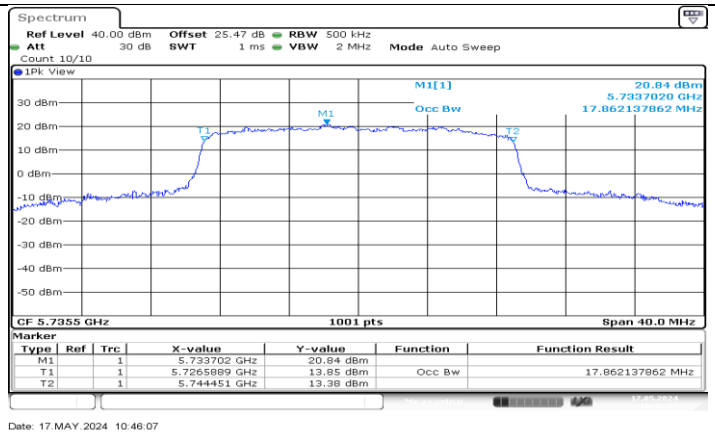


SRD_5M_Ant1_5842.5



SRD_5M_Ant2_5842.5



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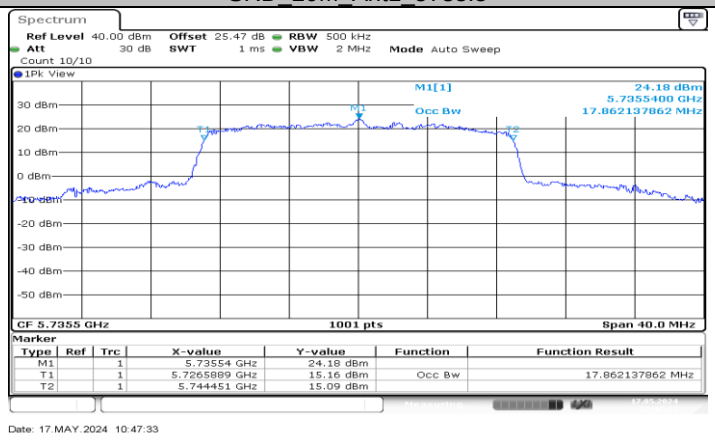

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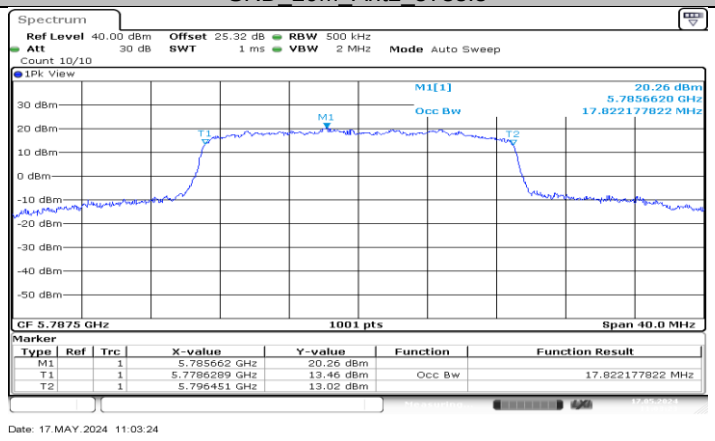

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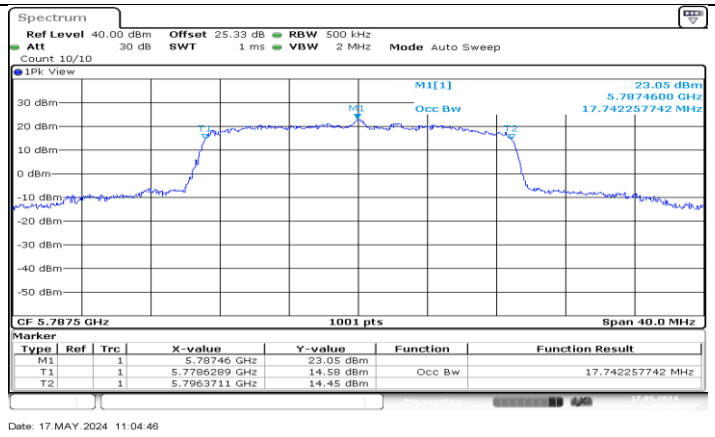
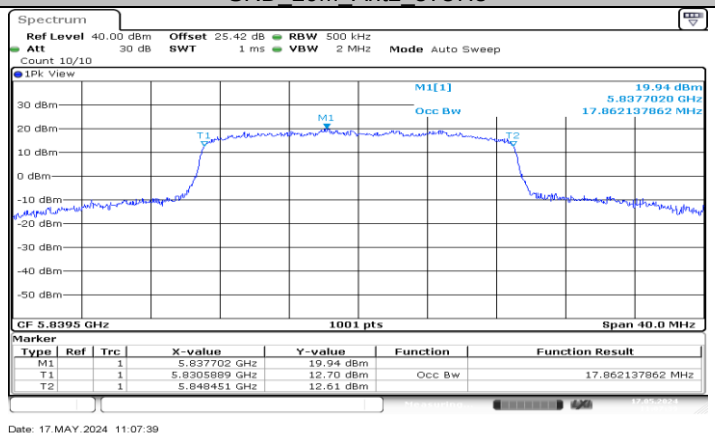


SRD_20M_Ant2_5787.5



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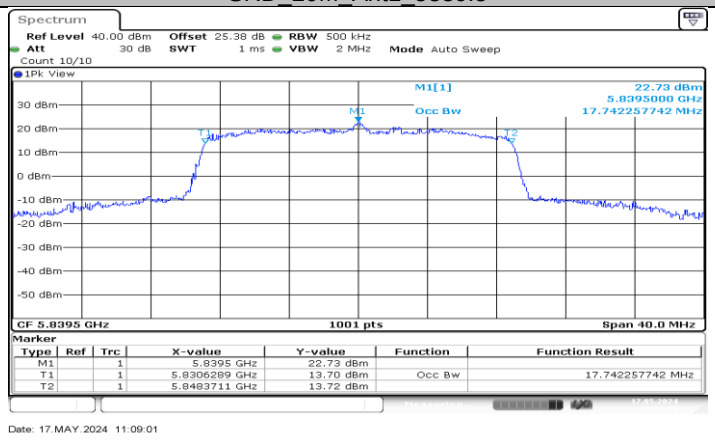
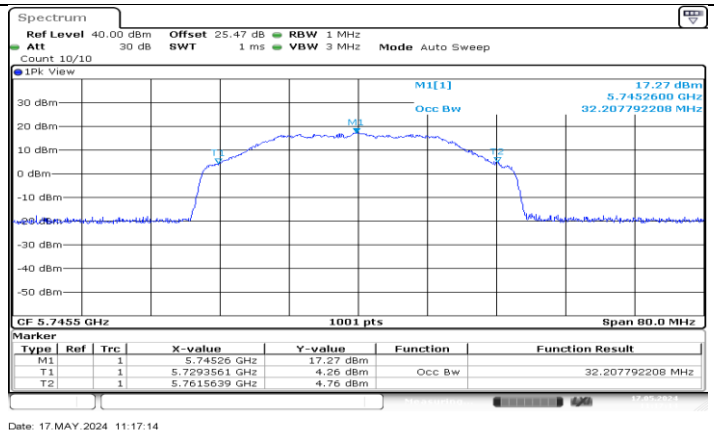
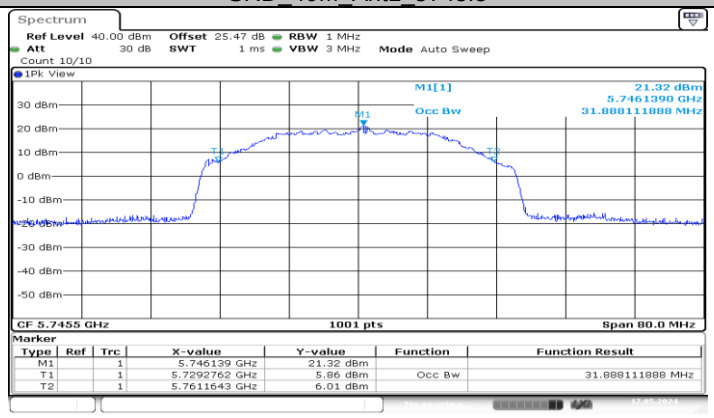


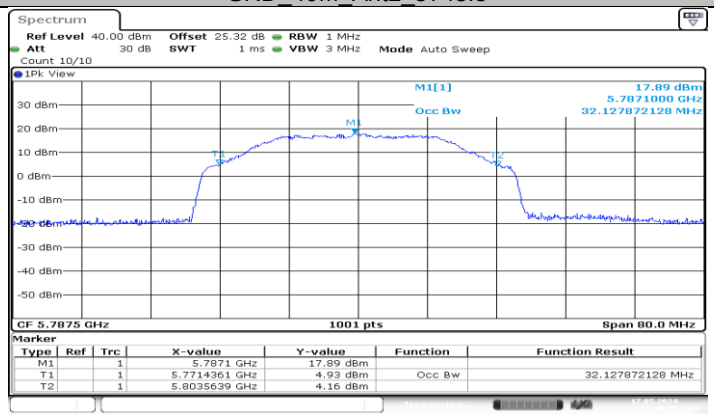
SRD_20M_Ant2_5839.5



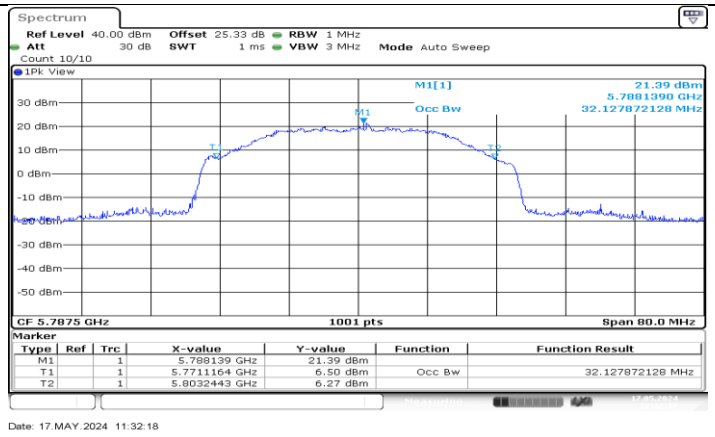
SRD_40M_Ant1_5745.5



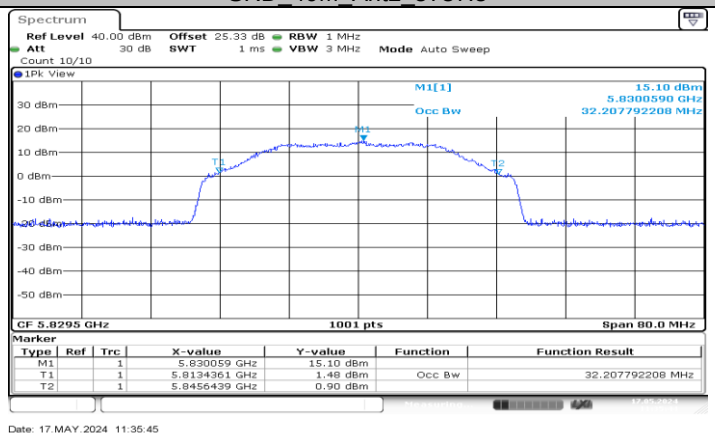
SRD_40M_Ant2_5745.5



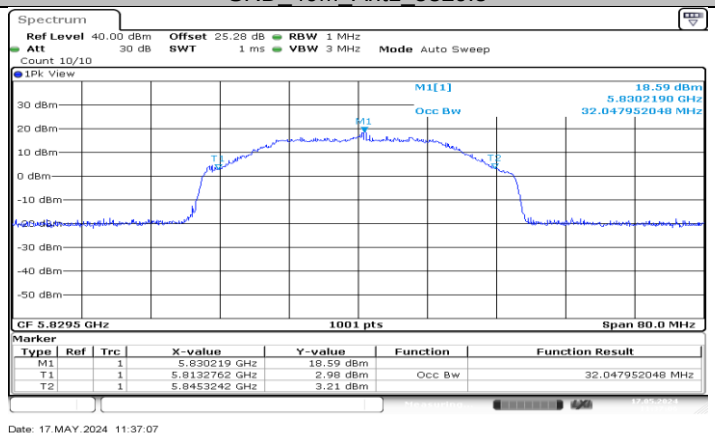
SRD_40M_Ant1_5787.5



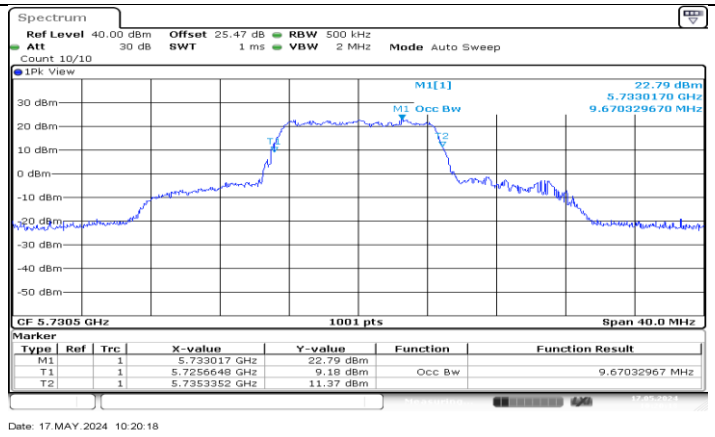
SRD_40M_Ant2_5787.5



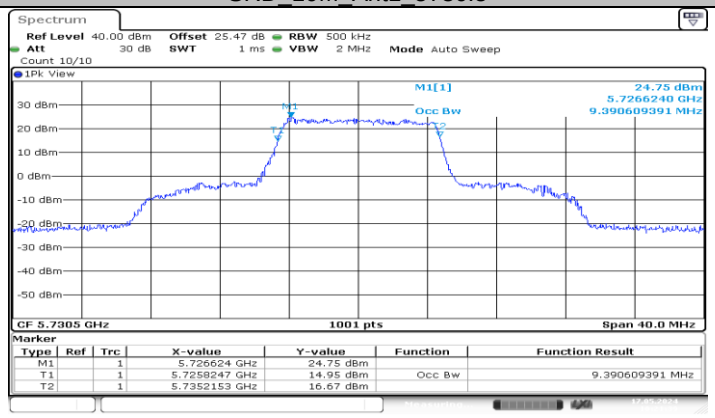
SRD_40M_Ant1_5829.5



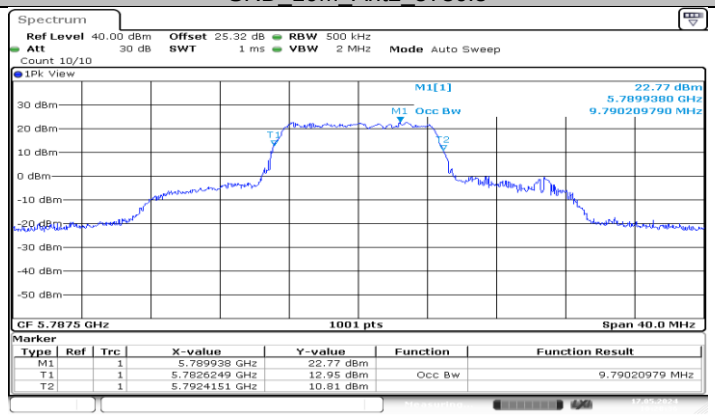
SRD_40M_Ant2_5829.5



SRD_10M_Ant1_5730.5



SRD_10M_Ant2_5730.5



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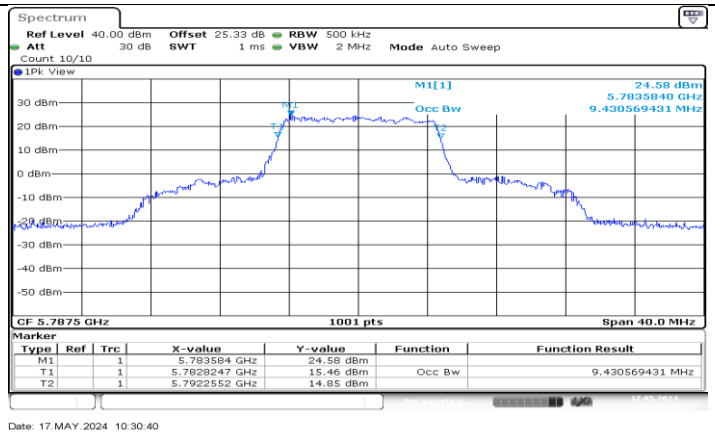
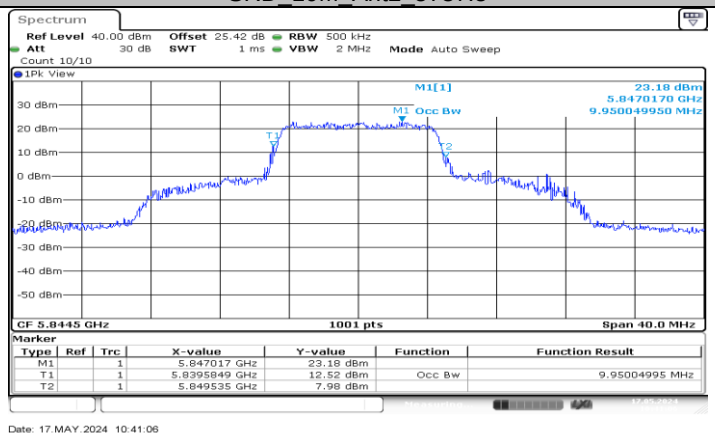
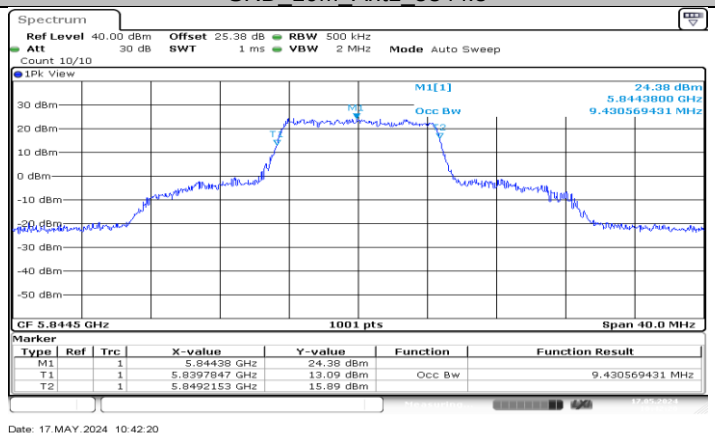


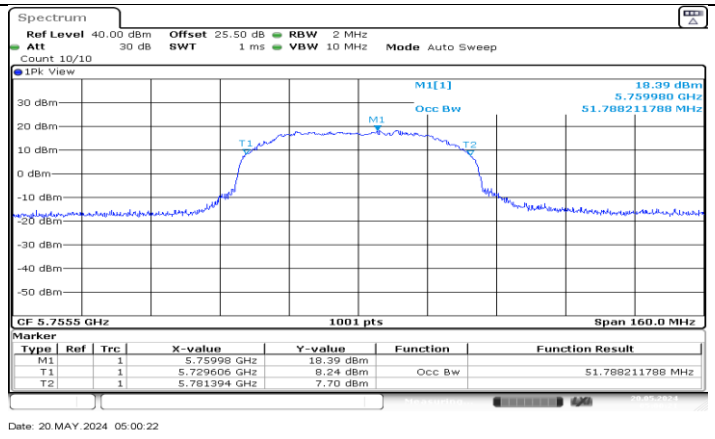
SRD_10M_Ant2_5787.5



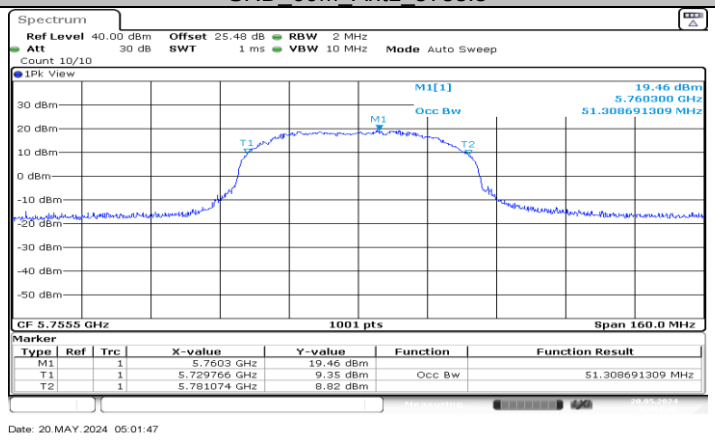
SRD_10M_Ant1_5844.5



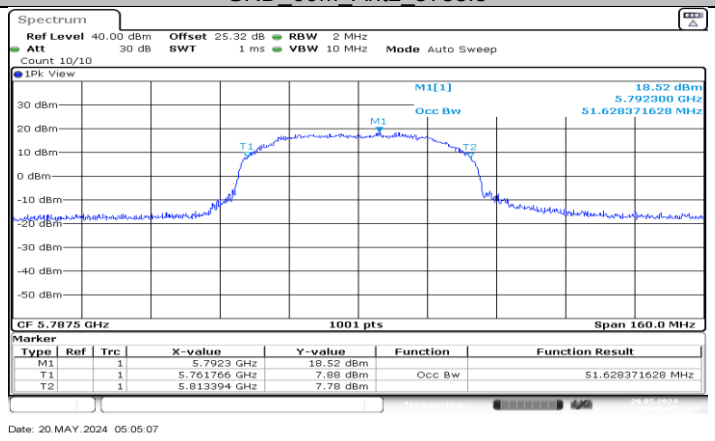
SRD_10M_Ant2_5844.5



SRD_60M_Ant1_5755.5



SRD_60M_Ant2_5755.5



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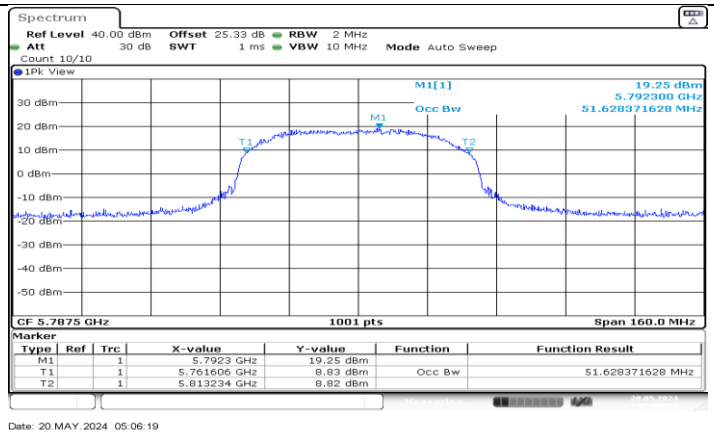
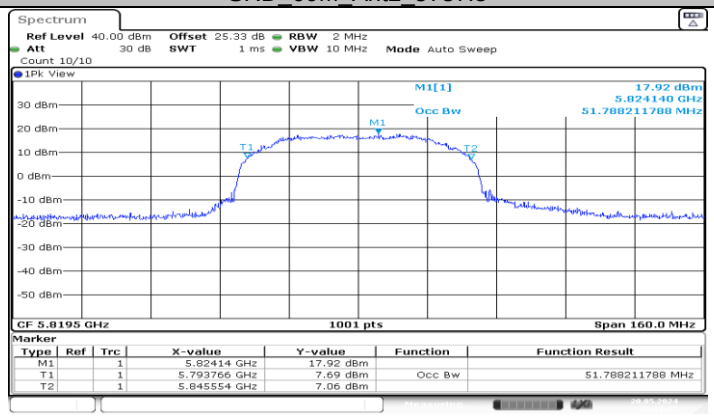
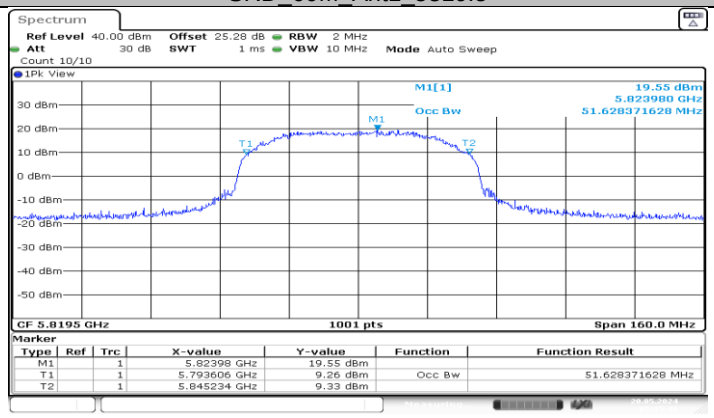


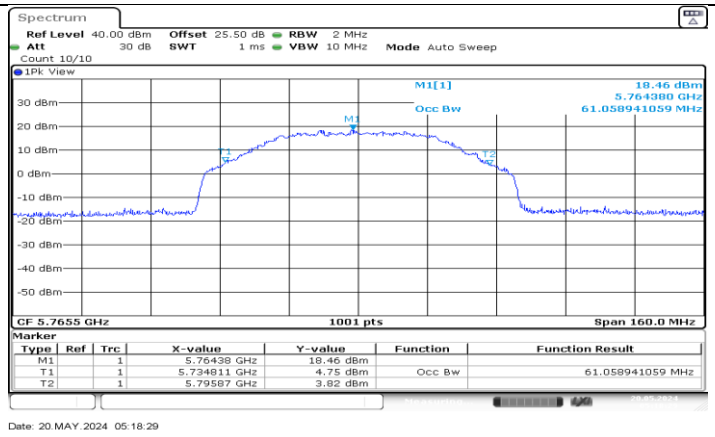
SRD_60M_Ant2_5787.5



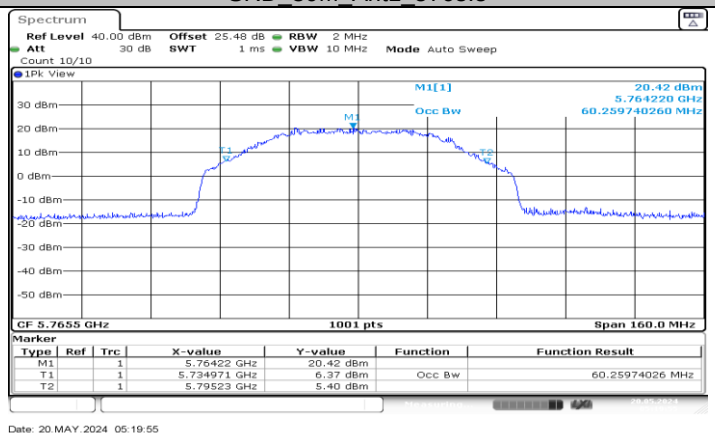
SRD_60M_Ant1_5819.5



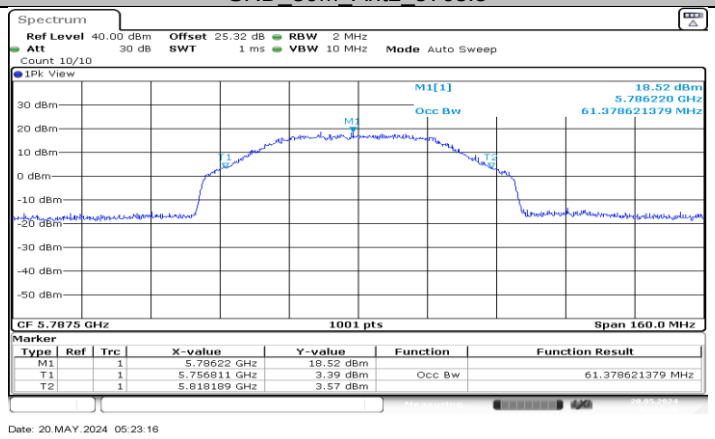
SRD_60M_Ant2_5819.5



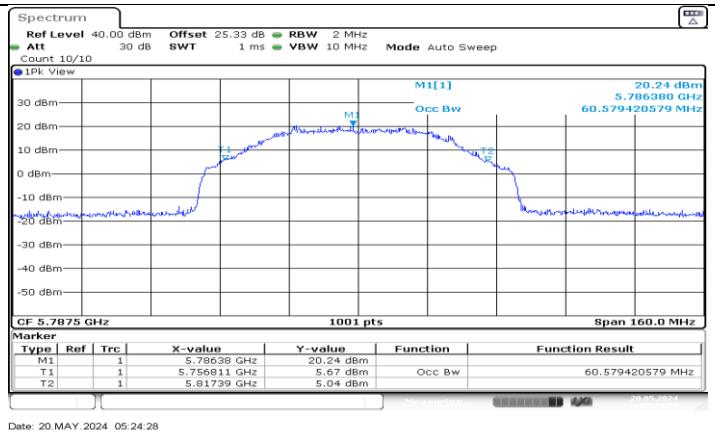
SRD_80M_Ant1_5765.5



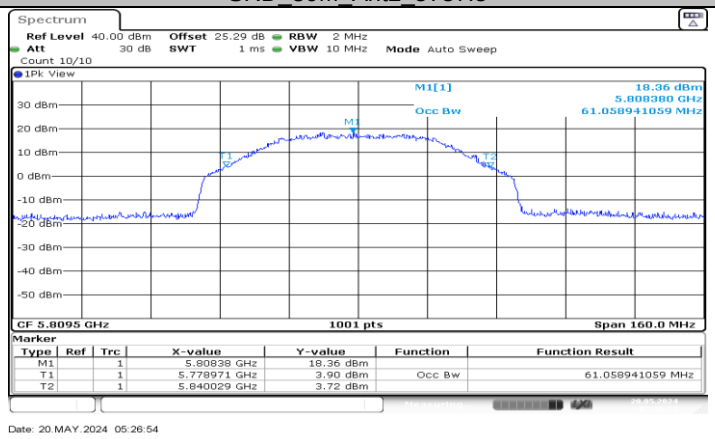
SRD_80M_Ant2_5765.5



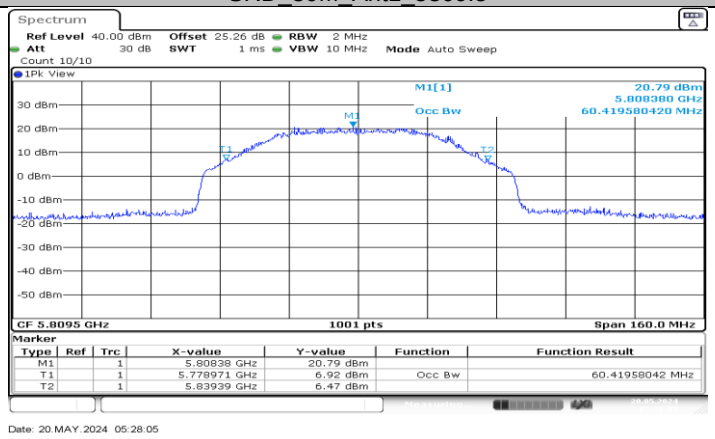
SRD_80M_Ant1_5787.5



SRD_80M_Ant2_5787.5



SRD_80M_Ant1_5809.5



SRD_80M_Ant2_5809.5

10.3. APPENDIX B: MAXIMUM AVERAGE OUTPUT POWER

10.3.1. Test Result

Mode	Frequency[MHz]	AVG Conducted Output Power(dBm)			Limit (dBm)
		Ant0 (dBm)	Ant1 (dBm)	Total (dBm)	
1.4M	5728.5	13.00	14.84	17.03	≤30
	5786.5	12.50	14.69	16.74	≤30
	5846.12	13.66	14.99	17.39	≤30
3M	5727.5	12.71	14.47	16.69	≤30
	5787.2	13.53	14.69	17.16	≤30
	5847.2	13.79	14.83	17.35	≤30
5M	5732.5	11.31	13.38	15.48	≤30
	5787.5	12.85	14.77	16.93	≤30
	5842.5	12.75	13.50	16.15	≤30
10M	5730.5	25.33	26.70	29.08	≤30
	5787.5	25.40	26.62	29.06	≤30
	5844.5	25.82	26.63	29.25	≤30
20M	5735.5	24.48	25.38	27.96	≤30
	5787.5	24.77	26.18	28.54	≤30
	5839.5	23.53	24.80	27.22	≤30
40M	5745.5	20.24	22.19	24.33	≤30
	5787.5	21.53	22.69	25.16	≤30
	5829.5	20.27	21.39	23.88	≤30
60M	5755.5	20.68	21.61	24.18	≤30
	5787.5	20.93	21.53	24.25	≤30
	5819.5	20.33	21.85	24.17	≤30
80M	5765.5	20.63	22.40	24.61	≤30
	5787.5	20.68	22.18	24.50	≤30
	5809.5	20.24	21.84	24.12	≤30

Mode	Frequency[MHz]	AVG Conducted Output Power(dBm)			Limit (dBm)
		Ant0 (dBm)	Ant3 (dBm)	Total (dBm)	
1.4M	5728.5	13.04	13.42	16.24	≤30
	5786.5	13.07	13.81	16.47	≤30
	5846.12	13.78	13.94	16.87	≤30
3M	5727.5	12.95	13.47	16.23	≤30
	5787.2	14.03	14.16	17.11	≤30
	5847.2	13.82	13.85	16.85	≤30
5M	5732.5	10.98	12.20	14.64	≤30
	5787.5	12.19	13.56	15.94	≤30
	5842.5	11.92	12.36	15.16	≤30
10M	5730.5	25.17	25.57	28.38	≤30
	5787.5	25.11	25.26	28.20	≤30
	5844.5	25.43	25.22	28.34	≤30
20M	5735.5	23.75	24.32	27.05	≤30
	5787.5	24.87	25.11	28.00	≤30
	5839.5	23.99	23.86	26.94	≤30
40M	5745.5	20.07	21.48	23.84	≤30
	5787.5	21.46	21.73	24.61	≤30
	5829.5	20.24	20.26	23.26	≤30
60M	5755.5	20.16	21.30	23.78	≤30
	5787.5	20.35	20.95	23.67	≤30
	5819.5	20.45	20.92	23.70	≤30
80M	5765.5	20.08	21.63	23.93	≤30
	5787.5	20.35	21.49	23.97	≤30
	5809.5	20.46	21.17	23.84	≤30

Mode	Frequency[MHz]	AVG Conducted Output Power(dBm)			Limit (dBm)
		Ant1 (dBm)	Ant2 (dBm)	Total (dBm)	
1.4M	5728.5	13.64	13.74	16.70	≤30
	5786.5	13.98	13.15	16.60	≤30
	5846.12	14.18	13.12	16.69	≤30
3M	5727.5	13.19	13.26	16.24	≤30
	5787.2	14.25	12.62	16.52	≤30
	5847.2	14.39	13.31	16.89	≤30
5M	5732.5	11.91	11.85	14.89	≤30
	5787.5	13.90	13.17	16.56	≤30
	5842.5	13.06	12.45	15.78	≤30
10M	5730.5	25.75	25.36	28.57	≤30
	5787.5	25.95	25.37	28.68	≤30
	5844.5	26.18	25.55	28.89	≤30
20M	5735.5	24.80	24.91	27.87	≤30
	5787.5	25.38	25.15	28.28	≤30
	5839.5	24.24	23.76	27.02	≤30
40M	5745.5	20.85	21.17	24.02	≤30
	5787.5	21.70	21.38	24.55	≤30
	5829.5	20.66	20.18	23.44	≤30
60M	5755.5	20.73	20.92	23.84	≤30
	5787.5	21.16	20.81	24.00	≤30
	5819.5	21.52	20.57	24.08	≤30
80M	5765.5	21.31	21.24	24.29	≤30
	5787.5	21.36	21.03	24.21	≤30
	5809.5	21.30	20.38	23.87	≤30

Mode	Frequency[MHz]	AVG Conducted Output Power(dBm)			Limit (dBm)
		Ant2 (dBm)	Ant3 (dBm)	Total (dBm)	
1.4M	5728.5	12.59	13.76	16.22	≤30
	5786.5	12.29	13.07	15.71	≤30
	5846.12	13.70	13.87	16.80	≤30
3M	5727.5	12.04	13.83	16.04	≤30
	5787.2	13.27	13.75	16.53	≤30
	5847.2	13.84	13.90	16.88	≤30
5M	5732.5	11.39	12.07	14.75	≤30
	5787.5	11.86	14.60	16.45	≤30
	5842.5	11.90	13.07	15.53	≤30
10M	5730.5	25.62	25.62	28.63	≤30
	5787.5	25.61	25.58	28.61	≤30
	5844.5	25.37	25.50	28.45	≤30
20M	5735.5	24.12	24.58	27.37	≤30
	5787.5	24.96	24.93	27.96	≤30
	5839.5	23.21	23.58	26.41	≤30
40M	5745.5	20.68	20.86	23.78	≤30
	5787.5	21.26	21.64	24.46	≤30
	5829.5	19.82	20.15	23.00	≤30
60M	5755.5	20.34	20.61	23.49	≤30
	5787.5	20.53	20.90	23.73	≤30
	5819.5	20.23	20.49	23.37	≤30
80M	5765.5	20.88	20.75	23.83	≤30
	5787.5	20.68	21.07	23.89	≤30
	5809.5	20.49	20.74	23.63	≤30

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

10.4. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

10.4.1. Test Result

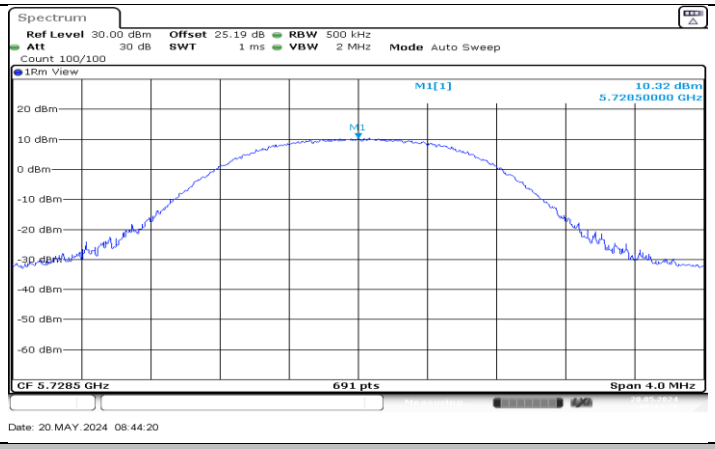
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
SRD_1.4M	Ant1	5728.5	10.32	≤30.00	PASS
	Ant2	5728.5	12.19	≤30.00	PASS
	total	5728.5	14.37	≤30.00	PASS
	Ant1	5786.5	9.54	≤30.00	PASS
	Ant2	5786.5	11.85	≤30.00	PASS
	total	5786.5	13.86	≤30.00	PASS
	Ant1	5846.12	10.69	≤30.00	PASS
	Ant2	5846.12	12.14	≤30.00	PASS
	total	5846.12	14.49	≤30.00	PASS
SRD_3M	Ant1	5727.5	9.85	≤30.00	PASS
	Ant2	5727.5	10.17	≤30.00	PASS
	total	5727.5	13.02	≤30.00	PASS
	Ant1	5787.2	9.01	≤30.00	PASS
	Ant2	5787.2	10.36	≤30.00	PASS
	total	5787.2	12.75	≤30.00	PASS
	Ant1	5847.2	9.50	≤30.00	PASS
	Ant2	5847.2	10.34	≤30.00	PASS
	total	5847.2	12.95	≤30.00	PASS
SRD_5M	Ant1	5732.5	5.87	≤30.00	PASS
	Ant2	5732.5	7.93	≤30.00	PASS
	total	5732.5	10.03	≤30.00	PASS
	Ant1	5787.5	7.86	≤30.00	PASS
	Ant2	5787.5	9.72	≤30.00	PASS
	total	5787.5	11.90	≤30.00	PASS
	Ant1	5842.5	7.51	≤30.00	PASS
	Ant2	5842.5	8.52	≤30.00	PASS
	total	5842.5	11.05	≤30.00	PASS

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
SRD_20M	Ant1	5735.5	10.36	≤30.00	PASS
	Ant2	5735.5	11.55	≤30.00	PASS
	total	5735.5	14.01	≤30.00	PASS
	Ant1	5787.5	10.73	≤30.00	PASS
	Ant2	5787.5	15.41	≤30.00	PASS
	total	5787.5	16.68	≤30.00	PASS
	Ant1	5839.5	9.59	≤30.00	PASS
	Ant2	5839.5	13.21	≤30.00	PASS
	total	5839.5	14.78	≤30.00	PASS
SRD_40M	Ant1	5745.5	5.36	≤30.00	PASS
	Ant2	5745.5	7.16	≤30.00	PASS
	total	5745.5	9.36	≤30.00	PASS
	Ant1	5787.5	6.75	≤30.00	PASS
	Ant2	5787.5	7.80	≤30.00	PASS
	total	5787.5	10.32	≤30.00	PASS
	Ant1	5829.5	5.29	≤30.00	PASS
	Ant2	5829.5	6.14	≤30.00	PASS
	total	5829.5	8.75	≤30.00	PASS
SRD_10M	Ant1	5730.5	15.53	≤30.00	PASS
	Ant2	5730.5	15.32	≤30.00	PASS
	total	5730.5	18.44	≤30.00	PASS
	Ant1	5787.5	15.15	≤30.00	PASS
	Ant2	5787.5	16.12	≤30.00	PASS
	total	5787.5	18.67	≤30.00	PASS
	Ant1	5844.5	16.26	≤30.00	PASS

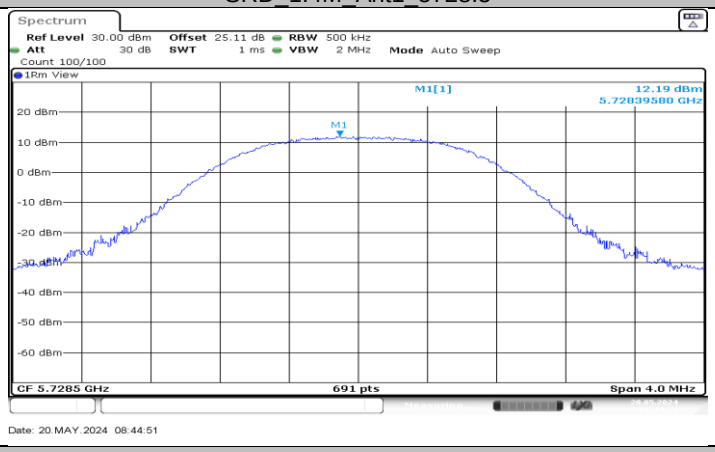
	Ant2	5844.5	16.10	≤30.00	PASS
	total	5844.5	19.19	≤30.00	PASS
SRD_60M	Ant1	5755.5	3.04	≤30.00	PASS
	Ant2	5755.5	4.23	≤30.00	PASS
	total	5755.5	6.69	≤30.00	PASS
	Ant1	5787.5	3.09	≤30.00	PASS
	Ant2	5787.5	4.43	≤30.00	PASS
	total	5787.5	6.82	≤30.00	PASS
	Ant1	5819.5	2.58	≤30.00	PASS
	Ant2	5819.5	4.20	≤30.00	PASS
	total	5819.5	6.48	≤30.00	PASS
SRD_80M	Ant1	5765.5	3.17	≤30.00	PASS
	Ant2	5765.5	4.46	≤30.00	PASS
	total	5765.5	6.87	≤30.00	PASS
	Ant1	5787.5	2.80	≤30.00	PASS
	Ant2	5787.5	4.14	≤30.00	PASS
	total	5787.5	6.53	≤30.00	PASS
	Ant1	5809.5	2.79	≤30.00	PASS
	Ant2	5809.5	3.96	≤30.00	PASS
	total	5809.5	6.42	≤30.00	PASS

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. All the modes and antennas had been tested, but only the worst data was recorded in the report.

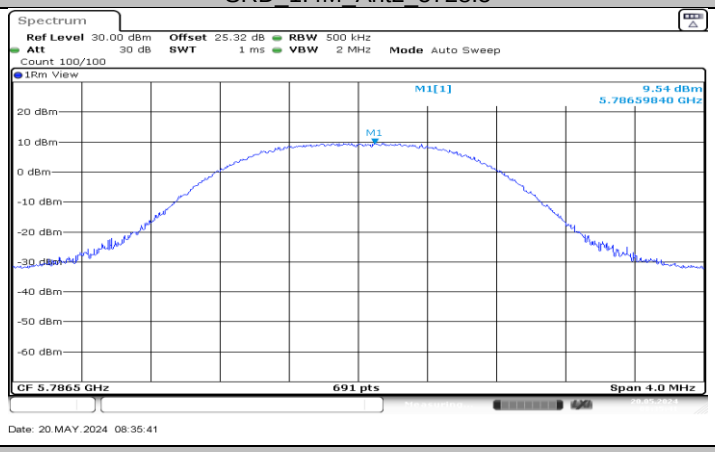
10.4.2. Test Graphs



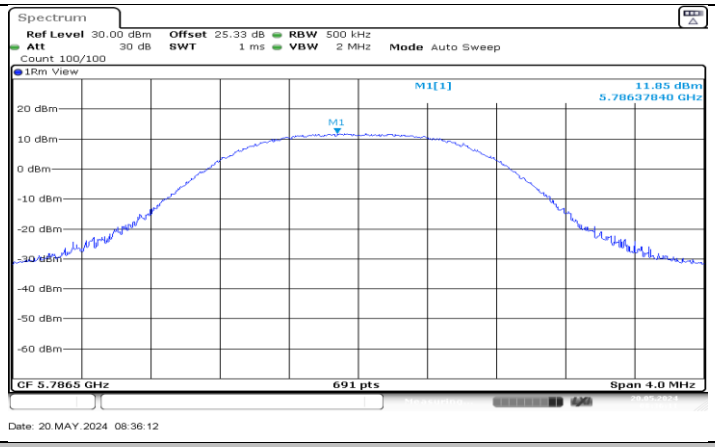
SRD_1.4M_Ant1_5728.5



SRD_1.4M_Ant2_5728.5



SRD_1.4M_Ant1_5786.5



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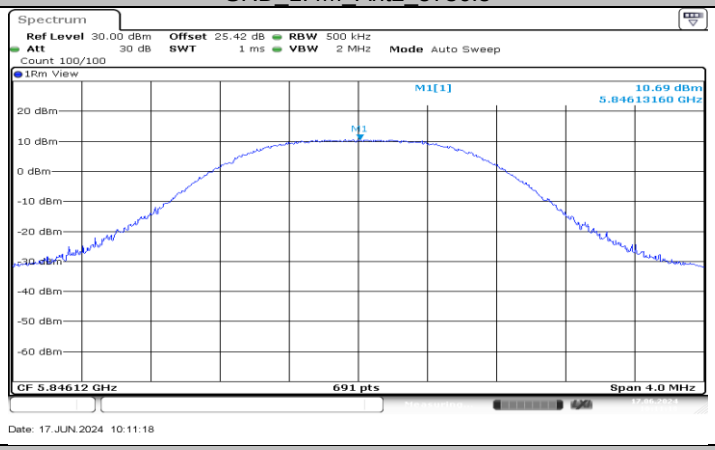
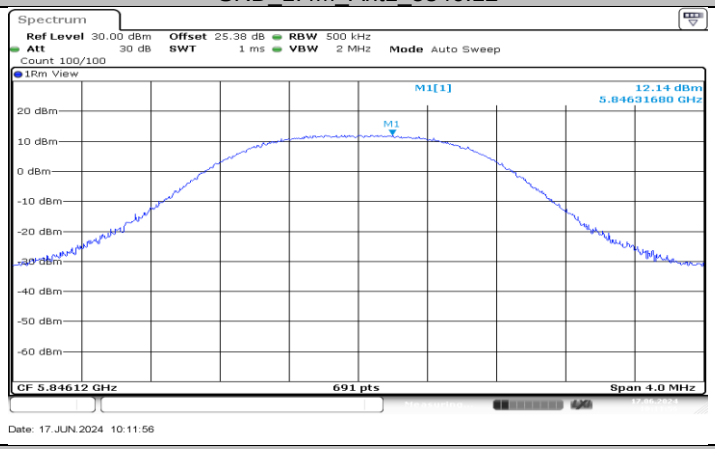


SRD_1.4M_Ant1_5846.12



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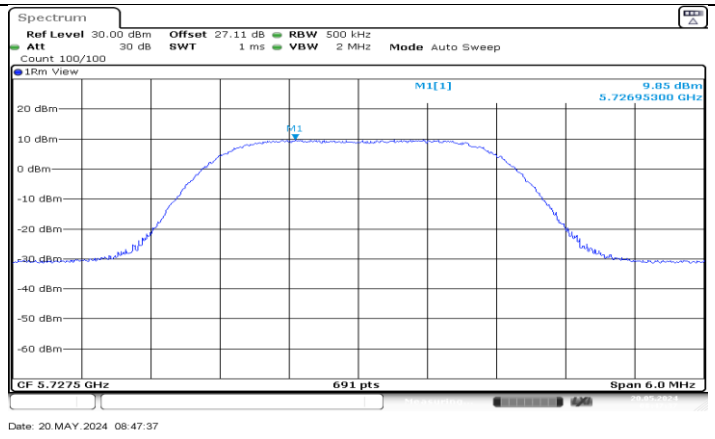
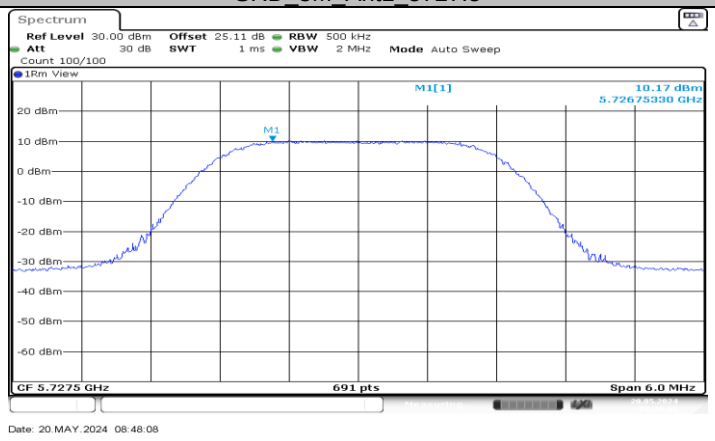
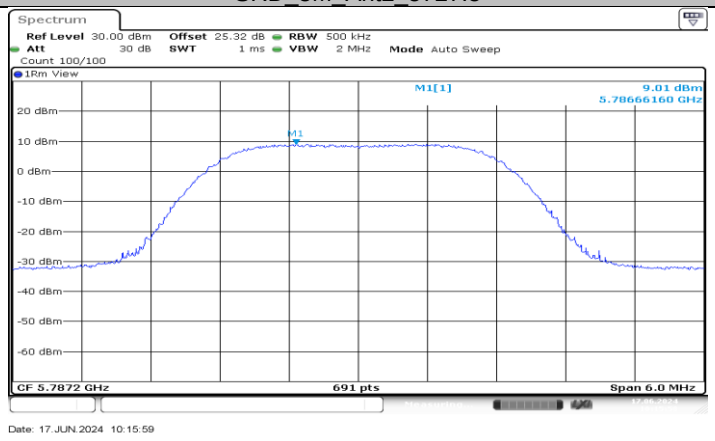


SRD_3M_Ant1_5727.5



SRD_3M_Ant2_5727.5



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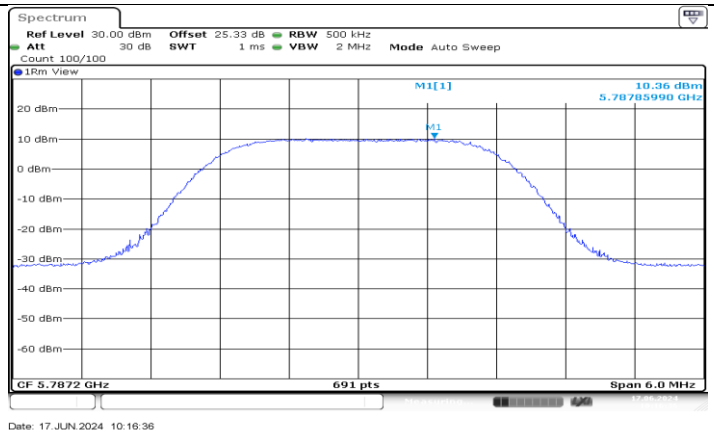
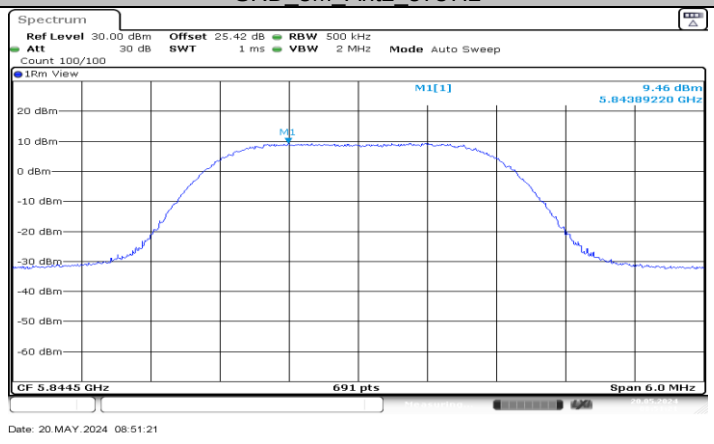
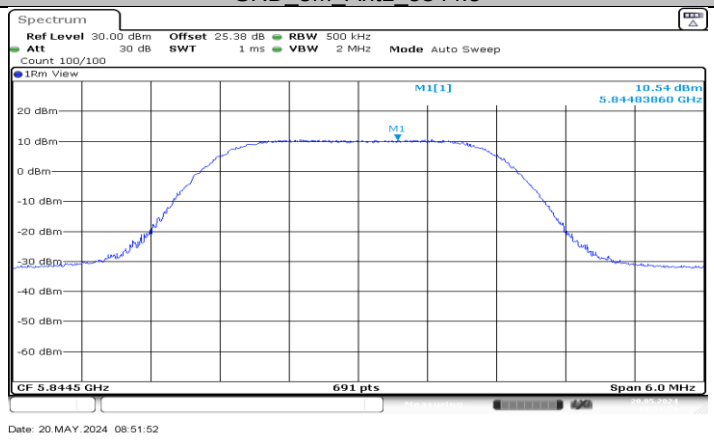


SRD_3M_Ant2_5787.2



SRD_3M_Ant1_5844.5



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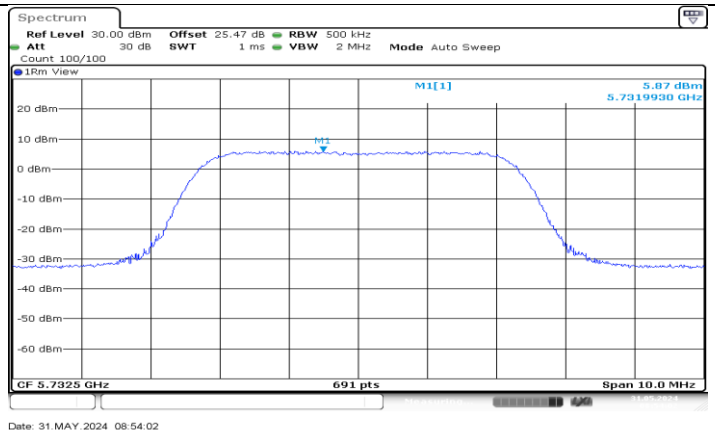

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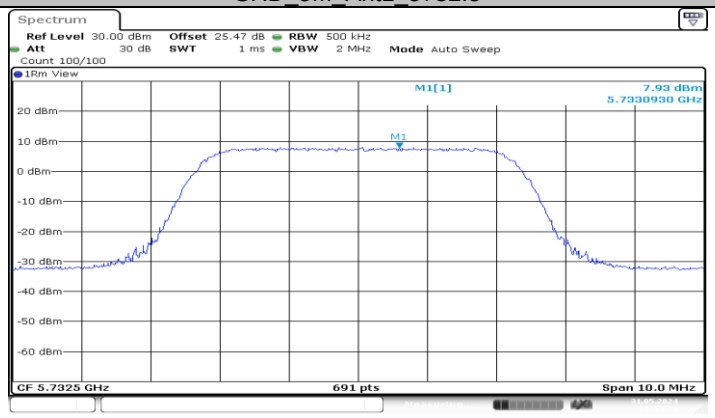

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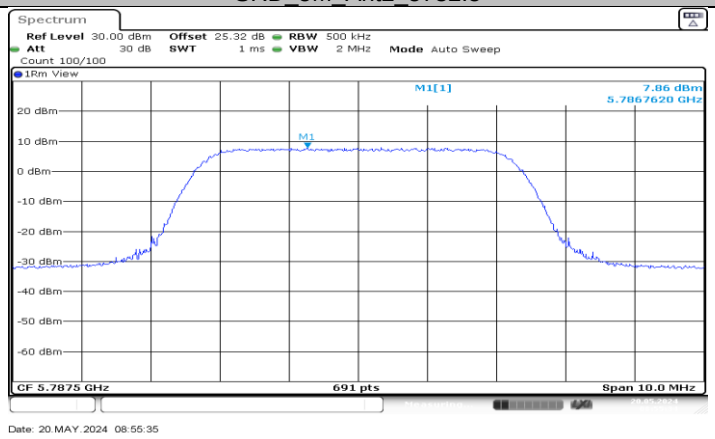

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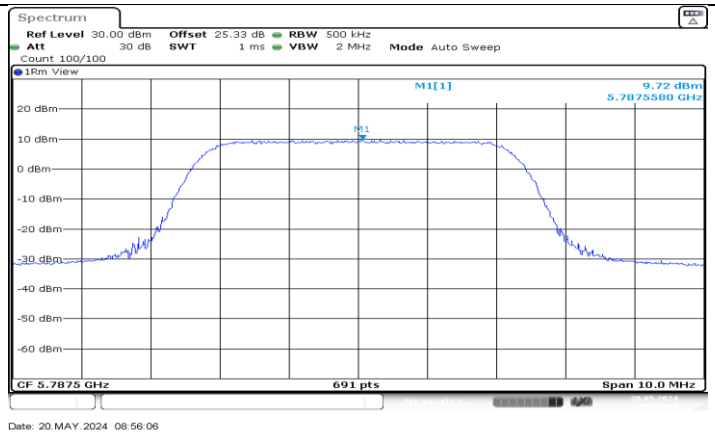

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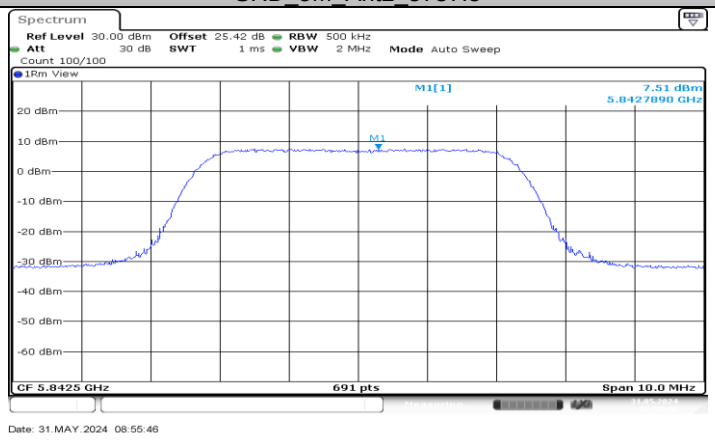
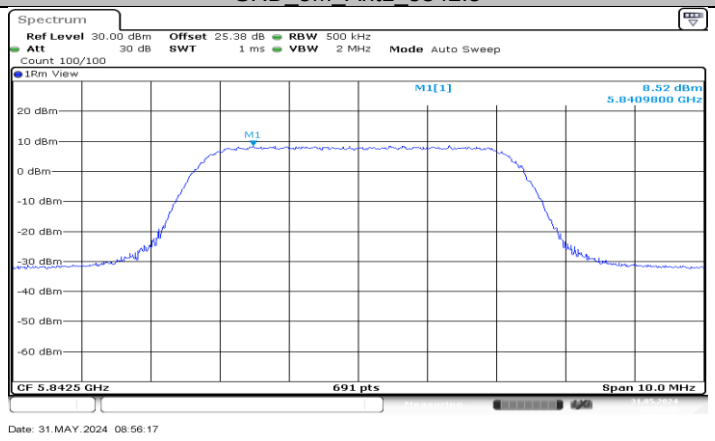
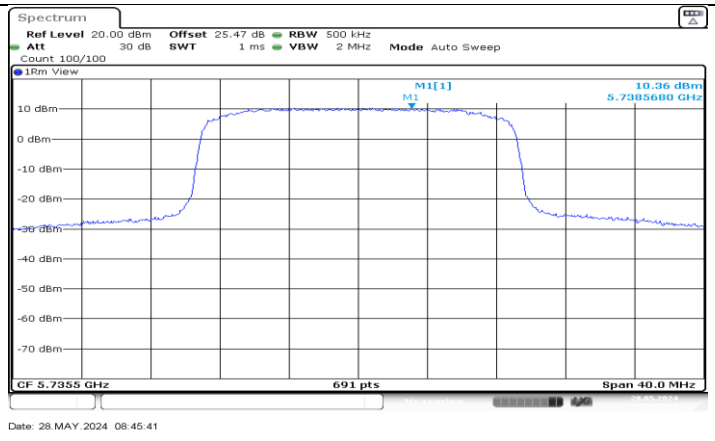


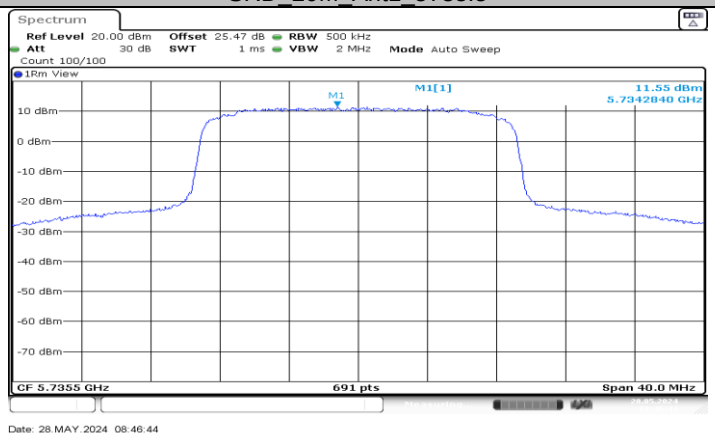
SRD_5M_Ant1_5842.5



SRD_5M_Ant2_5842.5



SRD_20M_Ant1_5735.5



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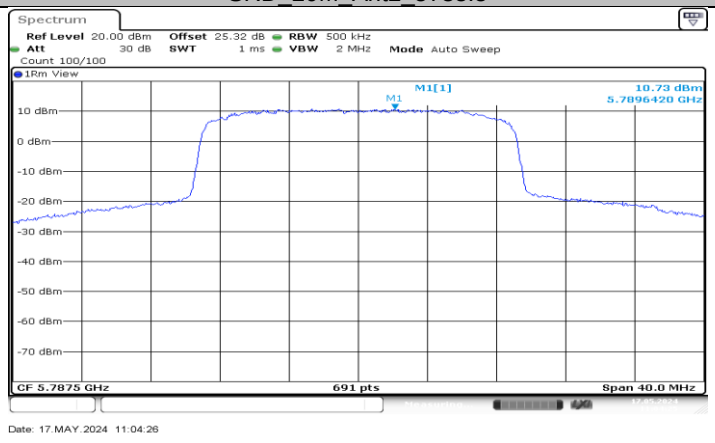

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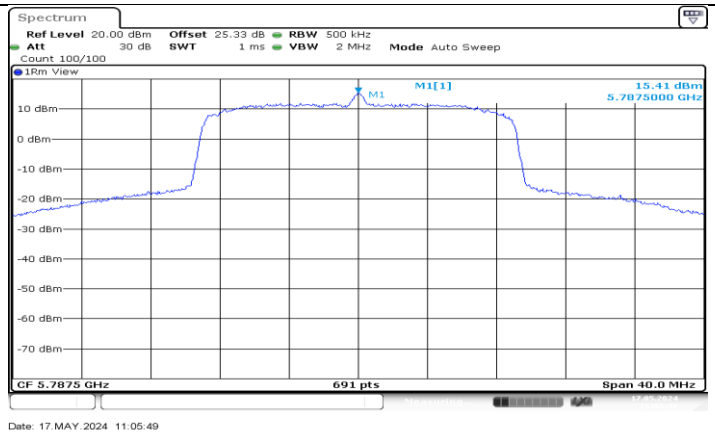

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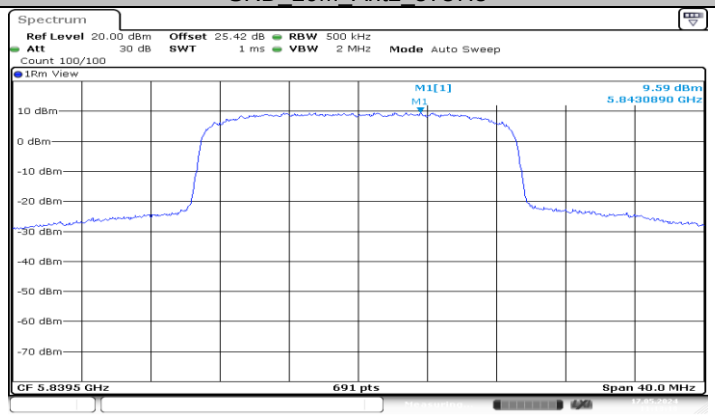
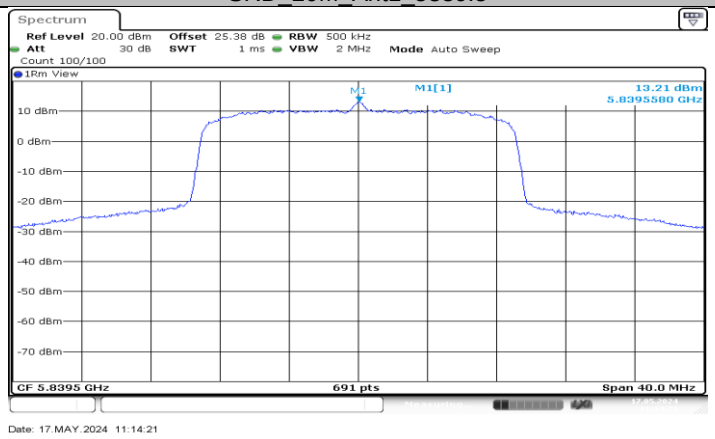
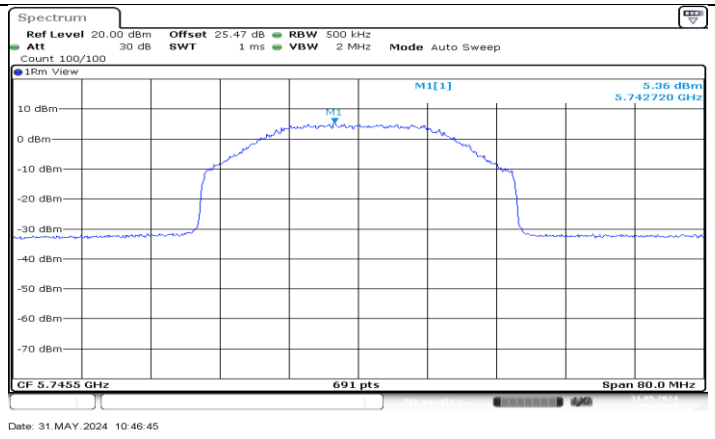


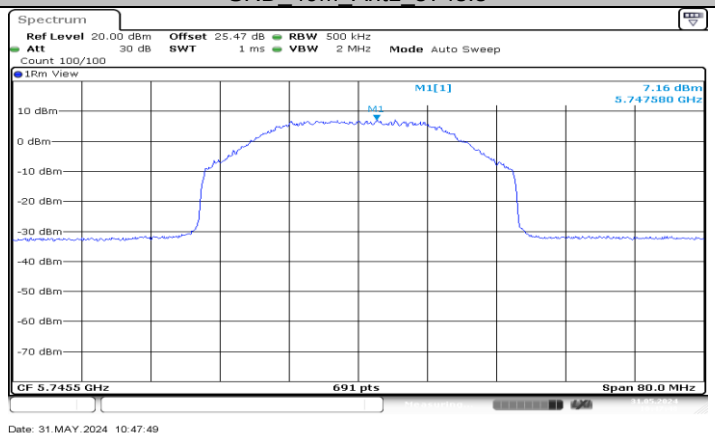
SRD_20M_Ant1_5839.5



SRD_20M_Ant2_5839.5



SRD_40M_Ant1_5745.5



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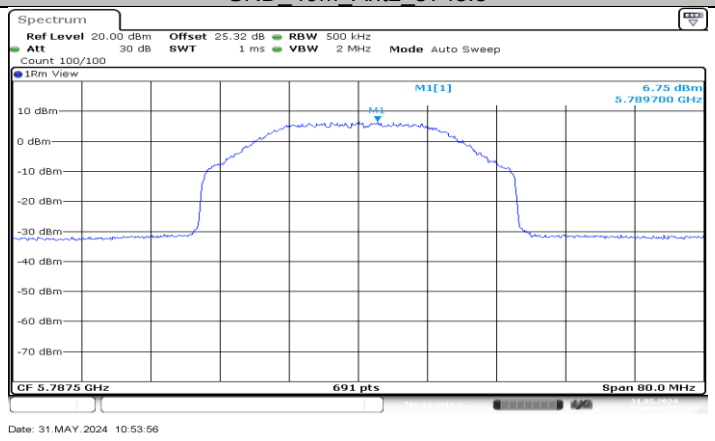

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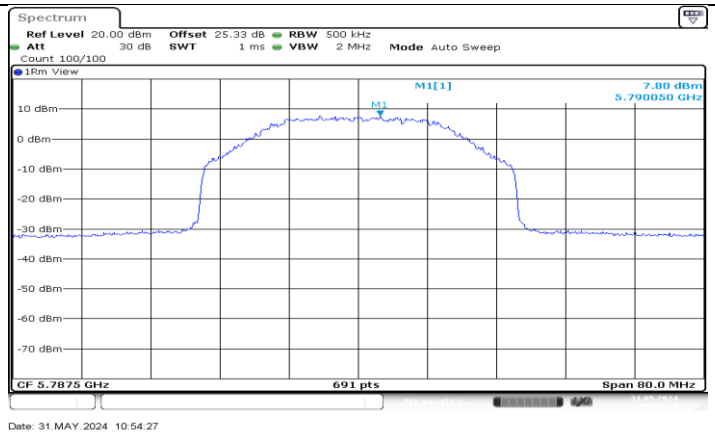

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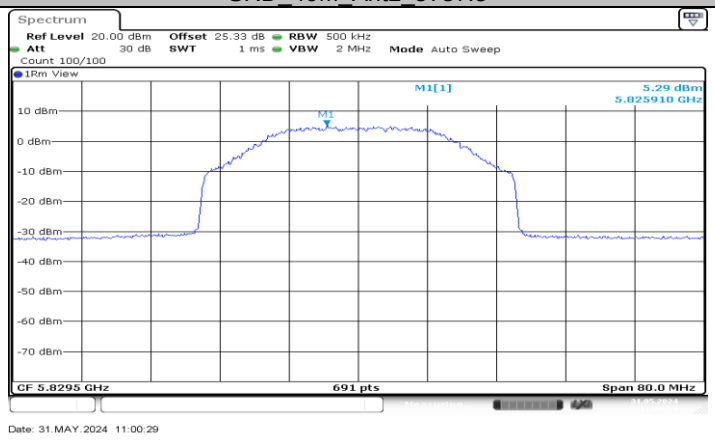
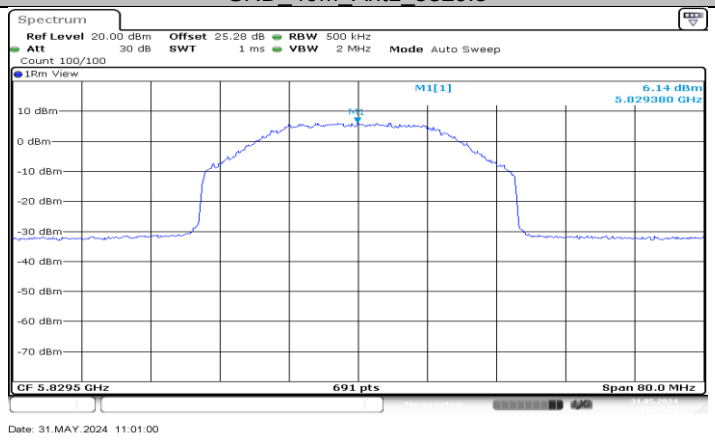


SRD_40M_Ant1_5829.5



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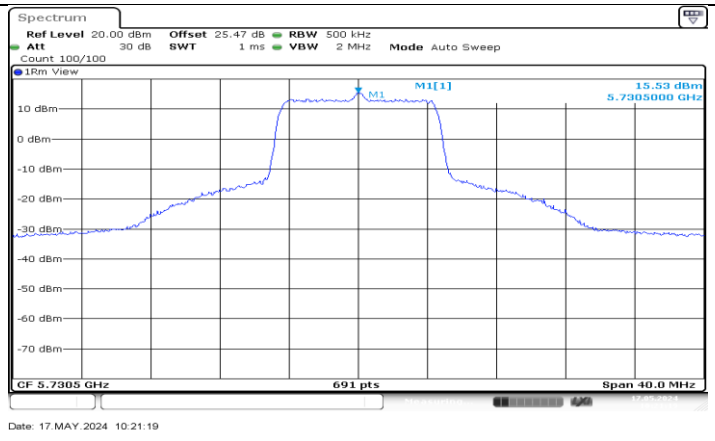
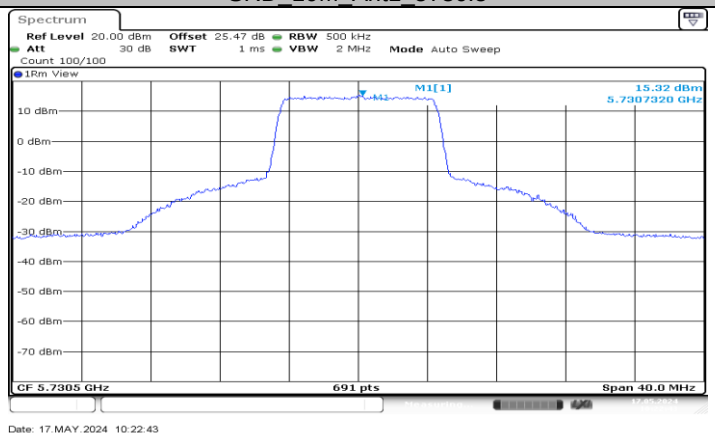
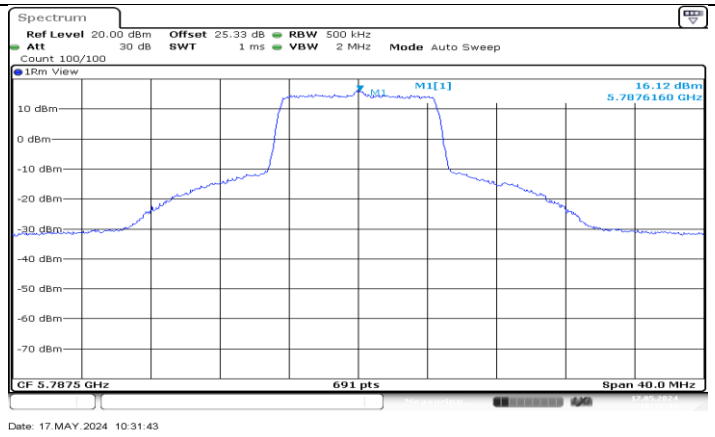


SRD_10M_Ant1_5730.5



SRD_10M_Ant2_5730.5

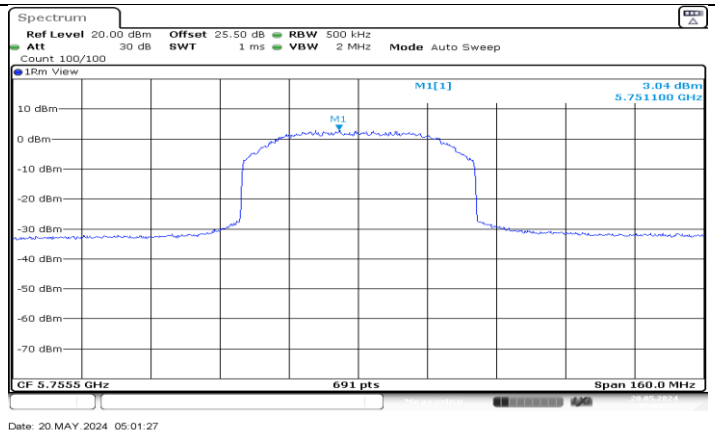
SRD_10M_Ant1_5787.5



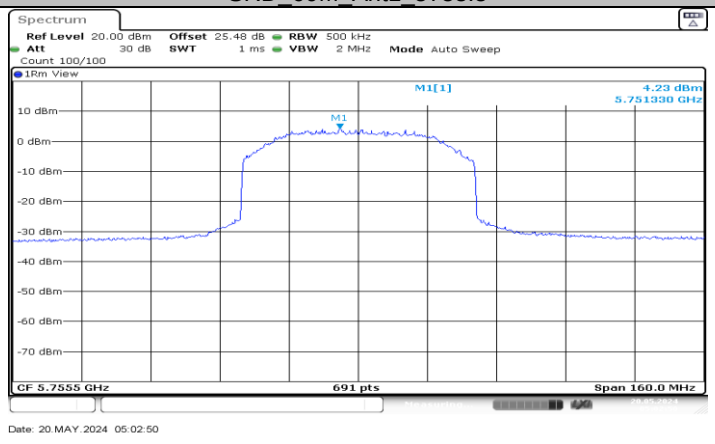
SRD_10M_Ant2_5787.5

SRD_10M_Ant1_5844.5

SRD_10M_Ant2_5844.5



SRD_60M_Ant1_5755.5



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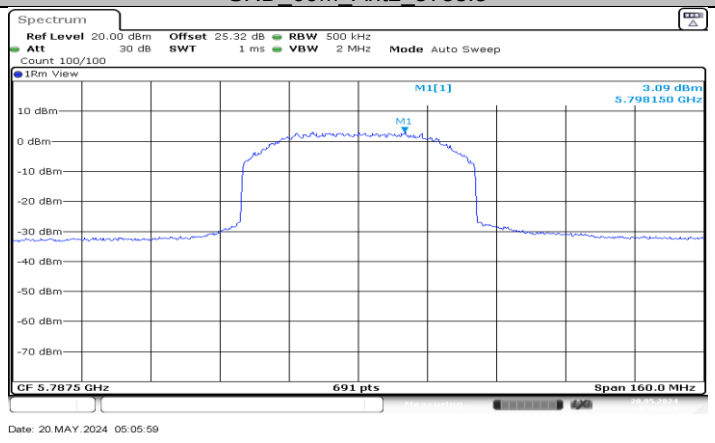

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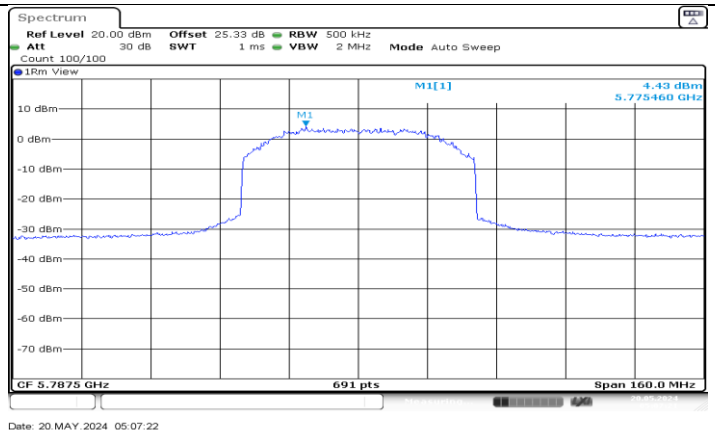

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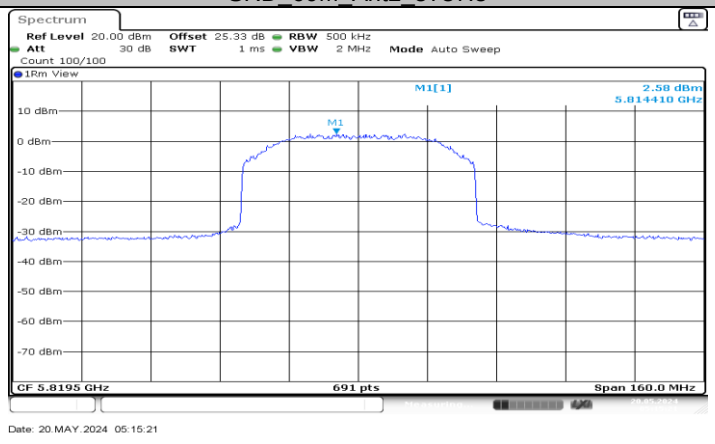
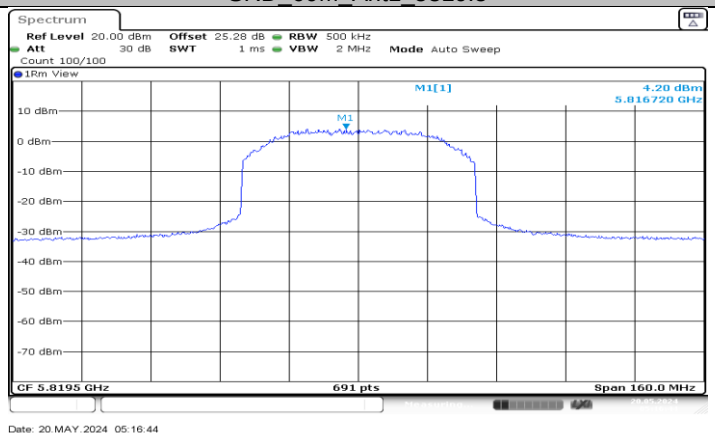


SRD_60M_Ant1_5819.5



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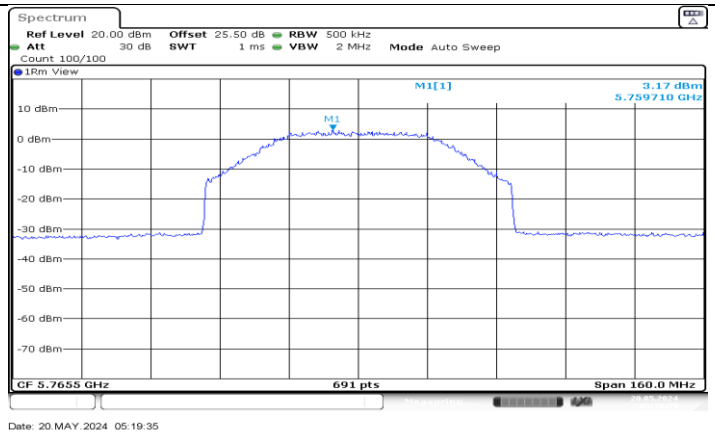
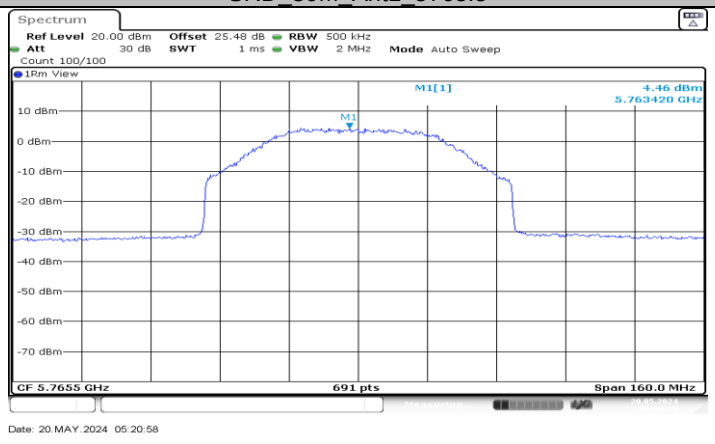
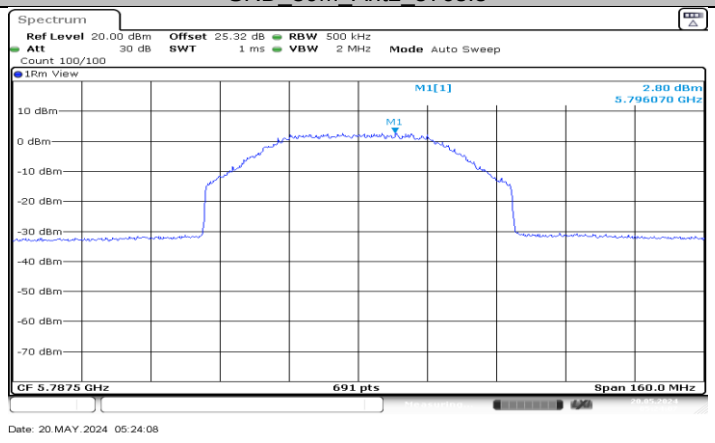


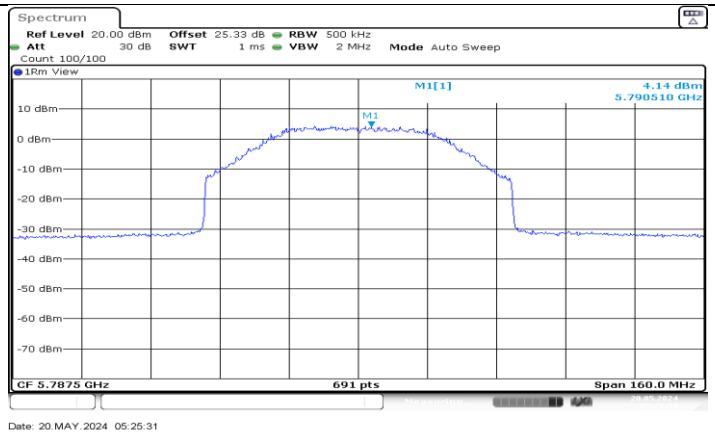
SRD_80M_Ant1_5765.5



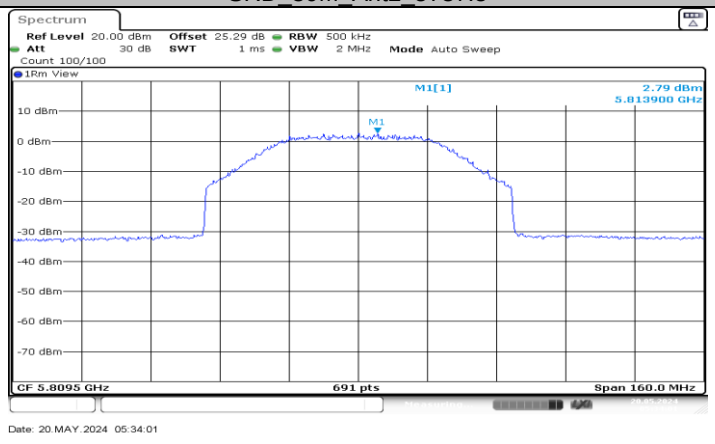
SRD_80M_Ant2_5765.5



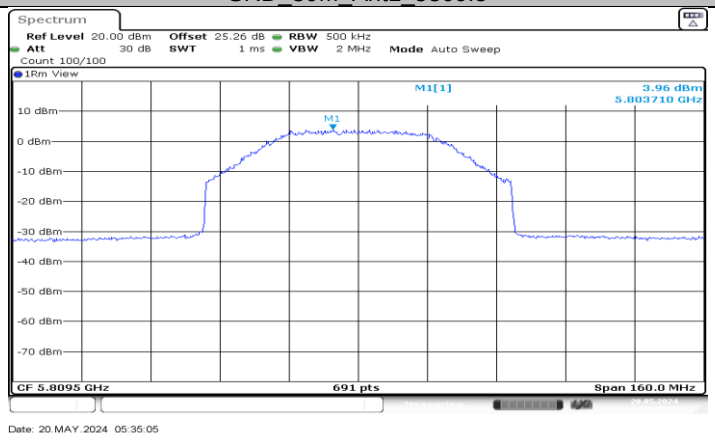
SRD_80M_Ant1_5787.5



SRD_80M_Ant2_5787.5



SRD_80M_Ant1_5809.5



SRD_80M_Ant2_5809.5

10.5. APPENDIX D: DUTY CYCLE

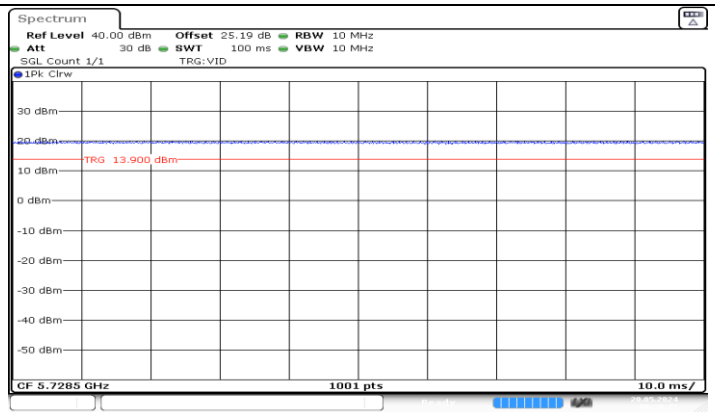
10.5.1. Test Result

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_1.4M	100	100	1.0000	100.00	0.00	N/A	0.01
SRD_3M	100	100	1.0000	100.00	0.00	N/A	0.01
SRD_5M	100	100	1.0000	100.00	0.00	N/A	0.01

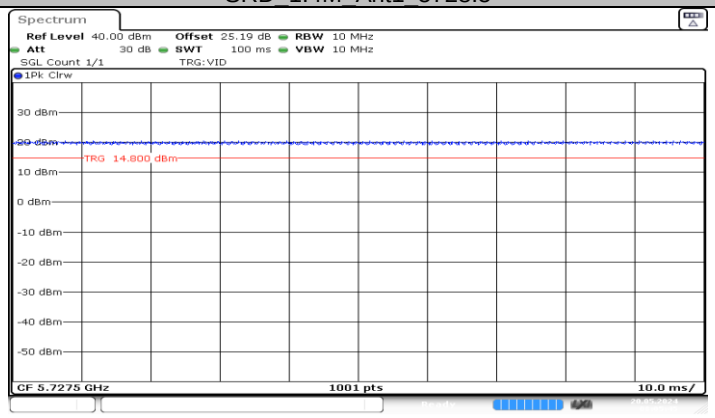
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
SRD_20M	100	100	1.0000	100.00	0.00	N/A	0.01
SRD_40M	100	100	1.0000	100.00	0.00	N/A	0.01
SRD_60M	100	100	1.0000	100.00	0.00	N/A	0.01
SRD_80M	100	100	1.0000	100.00	0.00	N/A	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.
If the EUT is configured to transmit with duty cycle $\geqslant$ 98%, set VBW $\leqslant$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

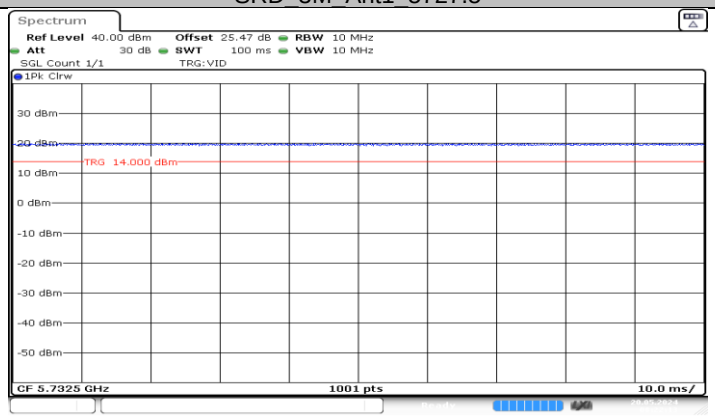
10.5.2. Test Graphs



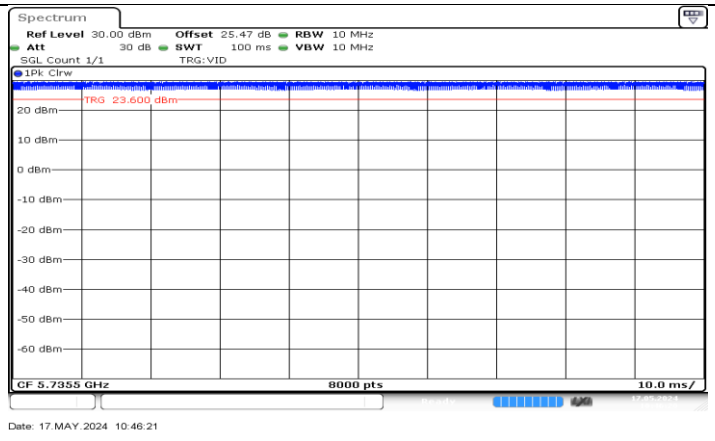
SRD_1.4M_Ant1_5728.5



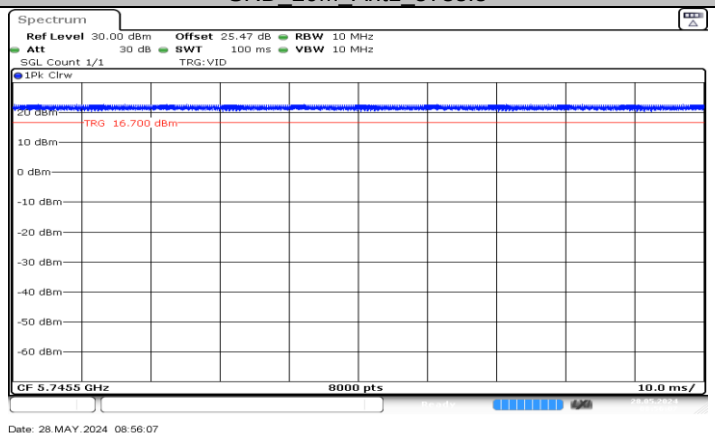
SRD_3M_Ant1_5727.5



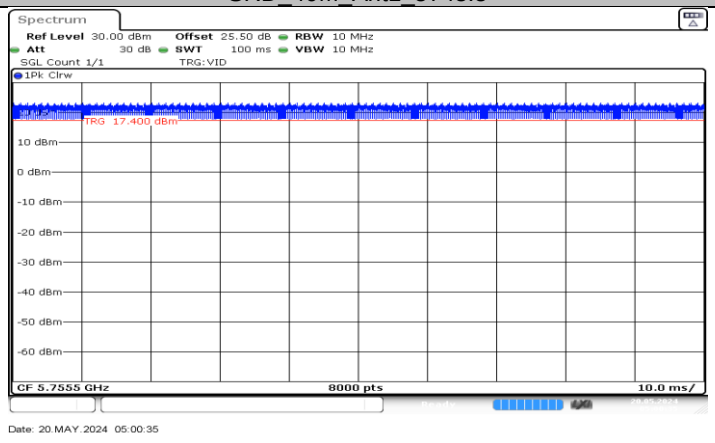
SRD_5M_Ant1_5732.5



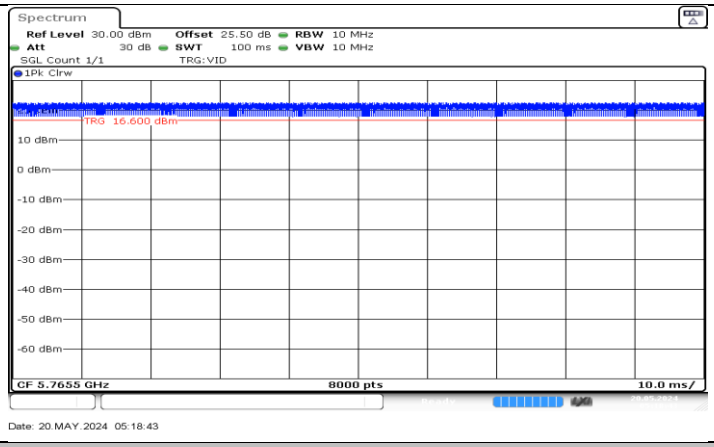
SRD_20M_Ant1_5735.5



SRD_40M_Ant1_5745.5



SRD_60M_Ant1_5755.5



SRD_80M_Ant1_5765.5

10.6. APPENDIX E: FREQUENCY STABILITY

10.6.1. Test Result

Frequency Error vs. Voltage									
SRD_1.4M 5728.5MHz									
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	5728.4963	-0.65	5728.5092	1.60	5728.5231	4.04	5728.5046	0.80
TN	VN	5728.5200	3.49	5728.5044	0.76	5728.5109	1.91	5728.4988	-0.22
TN	VH	5728.4893	-1.87	5728.5239	4.18	5728.5165	2.89	5728.5079	1.39
Frequency Error vs. Temperature									
SRD_1.4M 5728.5MHz									
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	5728.5038	0.66	5728.4886	-2.00	5728.5195	3.40	5728.4775	-3.93
30	VN	5728.4932	-1.19	5728.4784	-3.77	5728.4764	-4.13	5728.4806	-3.39
20	VN	5728.5098	1.71	5728.4886	-2.00	5728.5009	0.15	5728.5191	3.33
10	VN	5728.5143	2.50	5728.5151	2.64	5728.4828	-3.01	5728.4902	-1.72
0	VN	5728.4971	-0.51	5728.5162	2.83	5728.4880	-2.10	5728.4857	-2.49

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

END OF REPORT