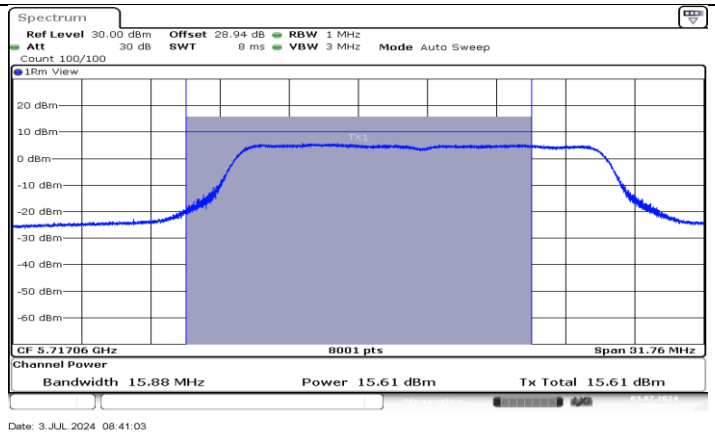
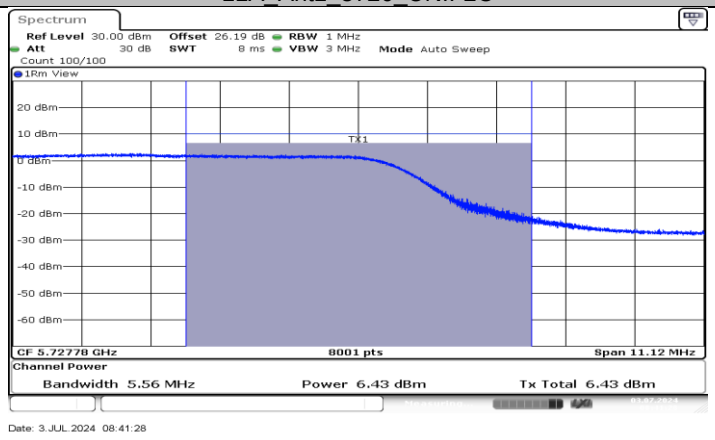
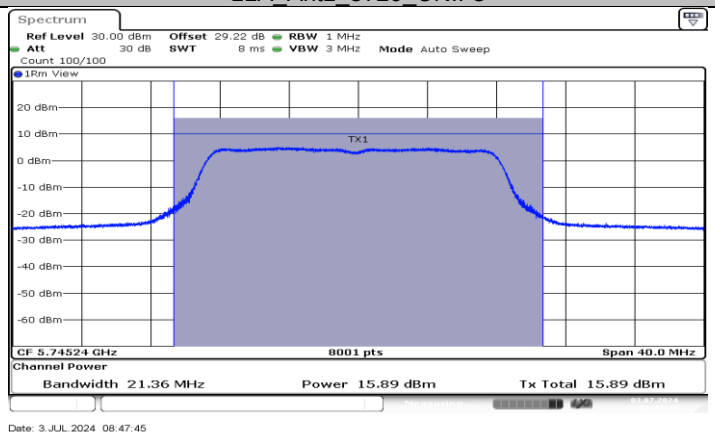


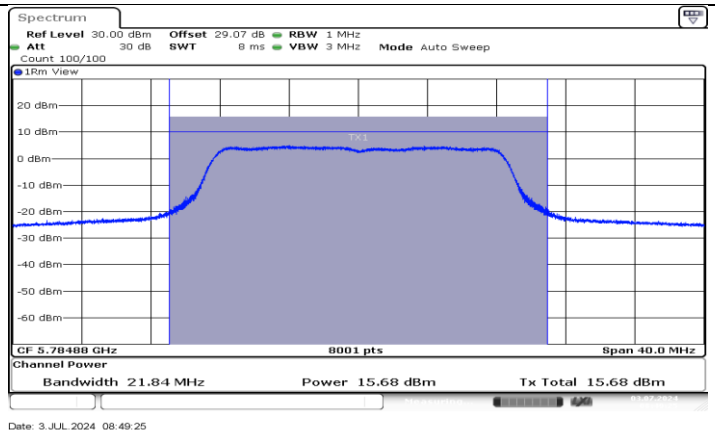
11A_Ant1_5720_UNII-2C



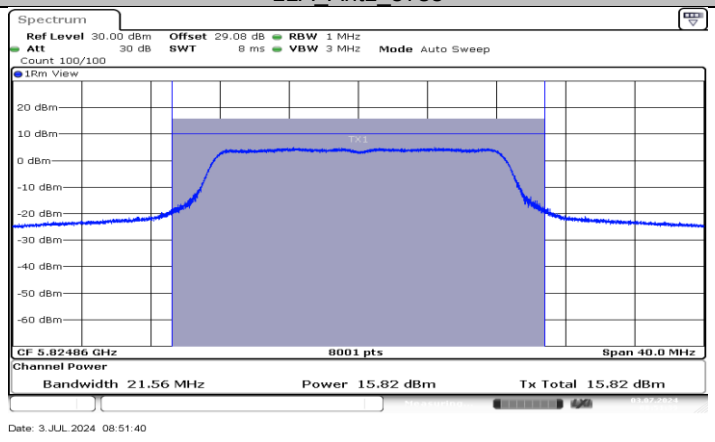
11A_Ant1_5720_UNII-3



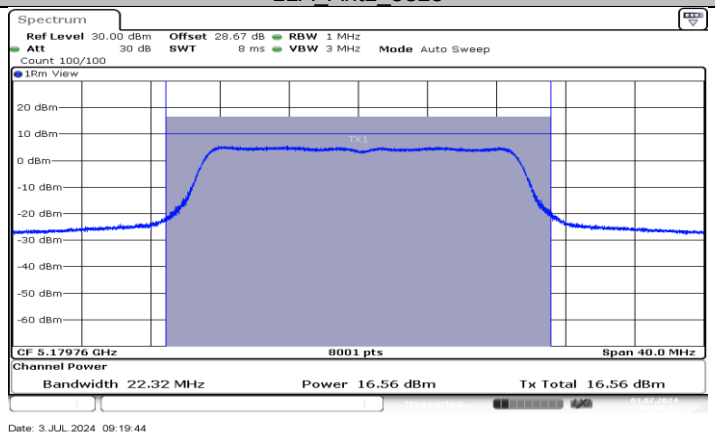
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



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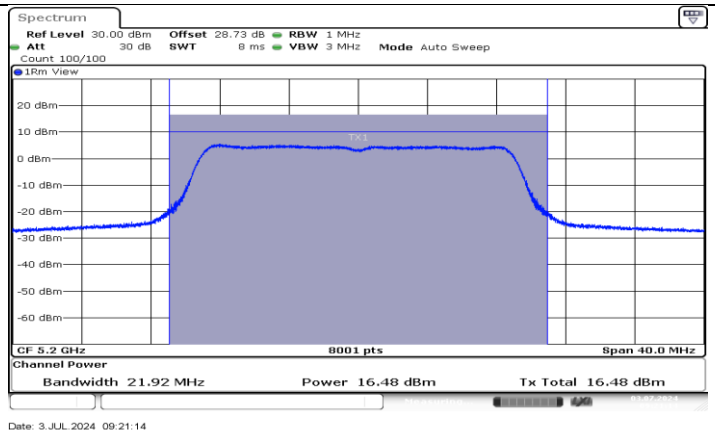

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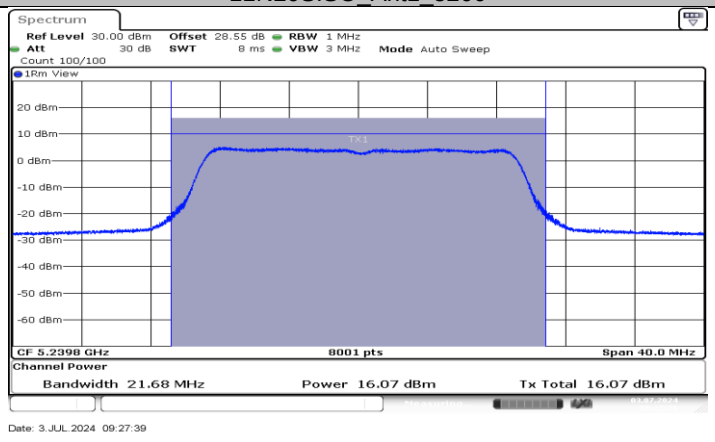

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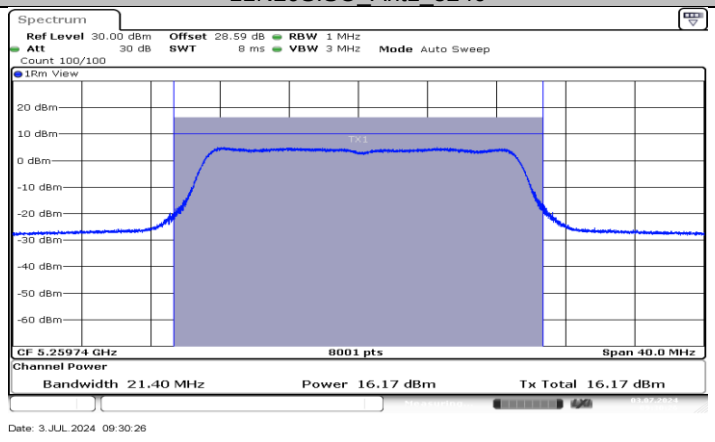
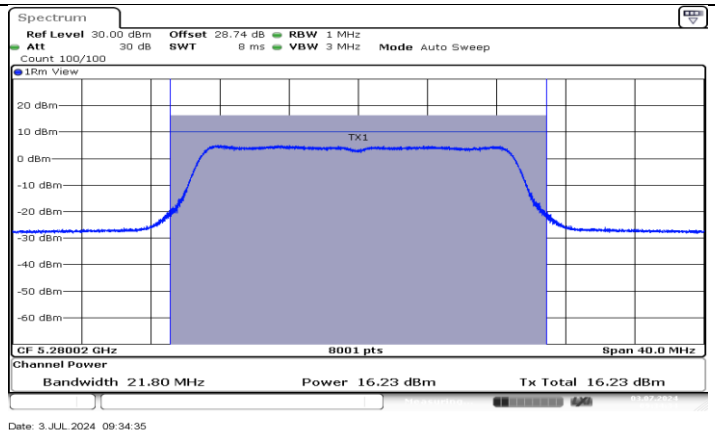


11N20SISO_Ant1_5260



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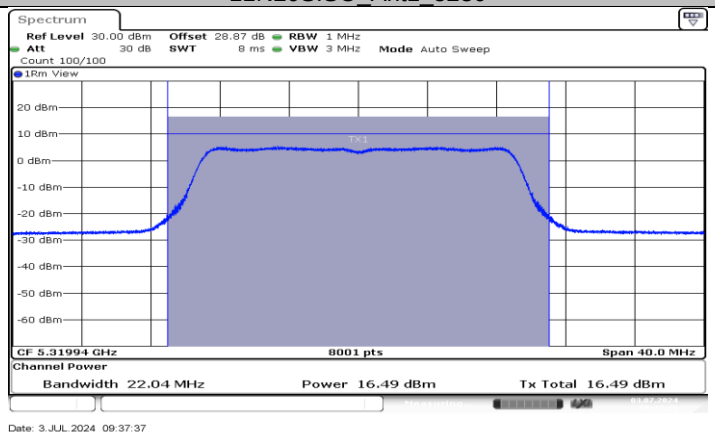

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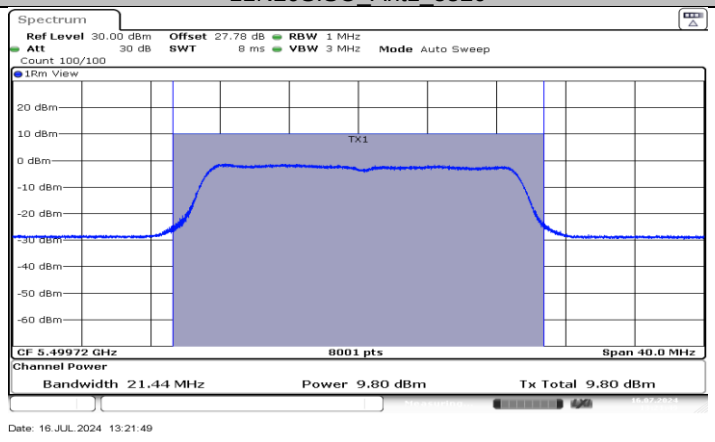

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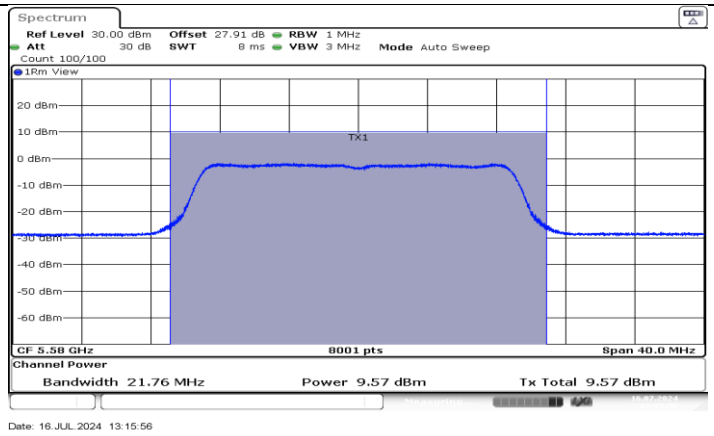

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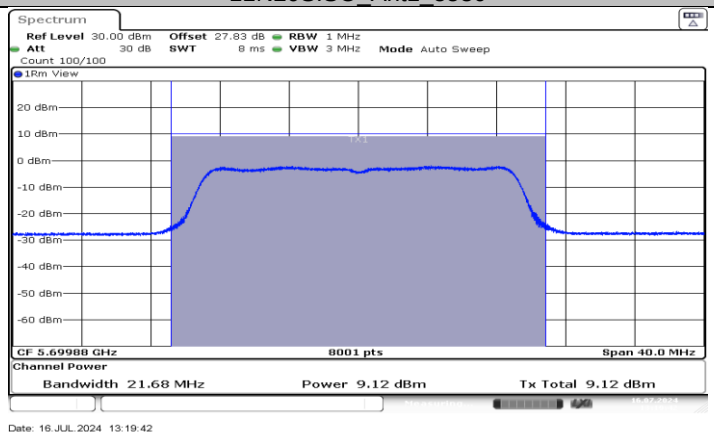

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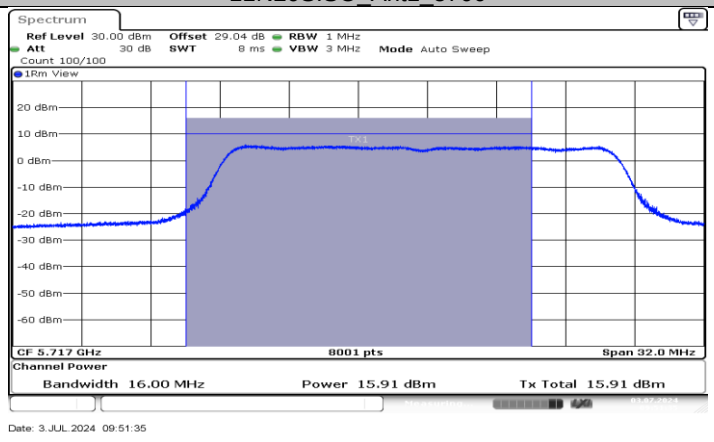
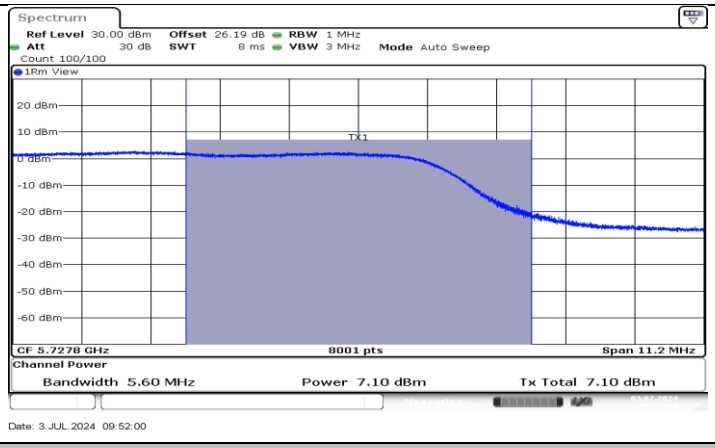
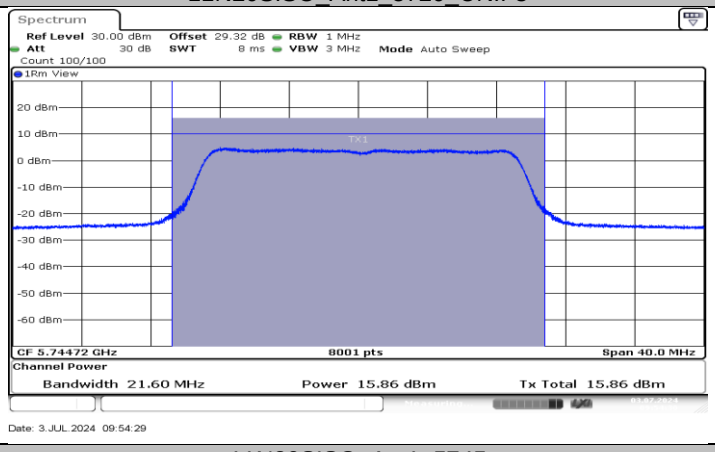


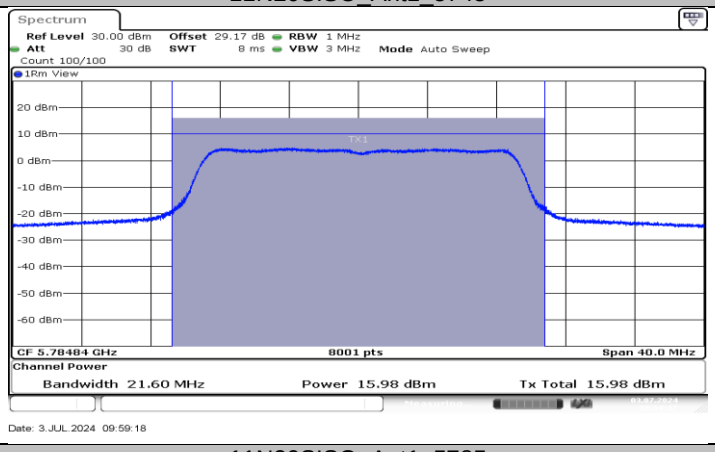
11N20SISO_Ant1_5720_UNII-2C



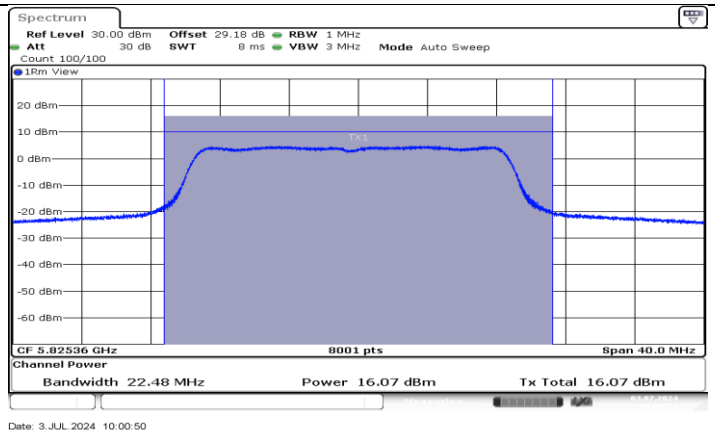
11N20SISO_Ant1_5720_UNII-3



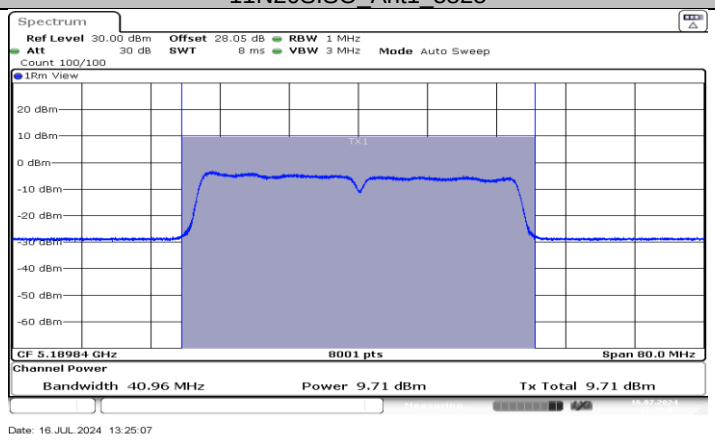
11N20SISO_Ant1_5745



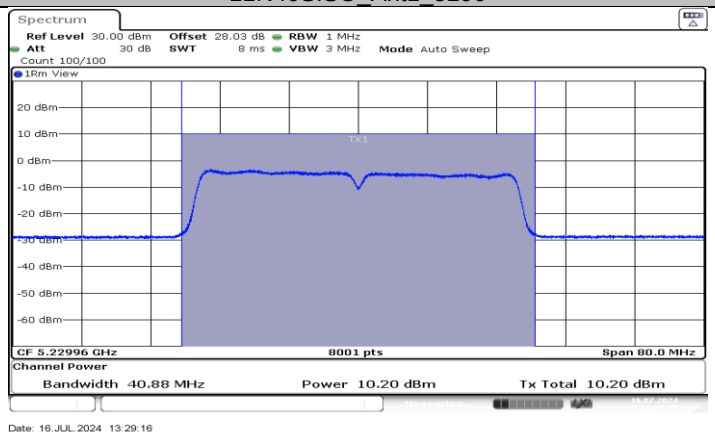
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



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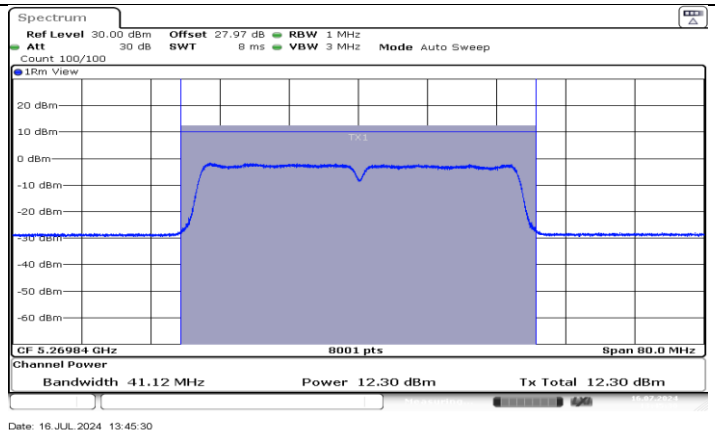
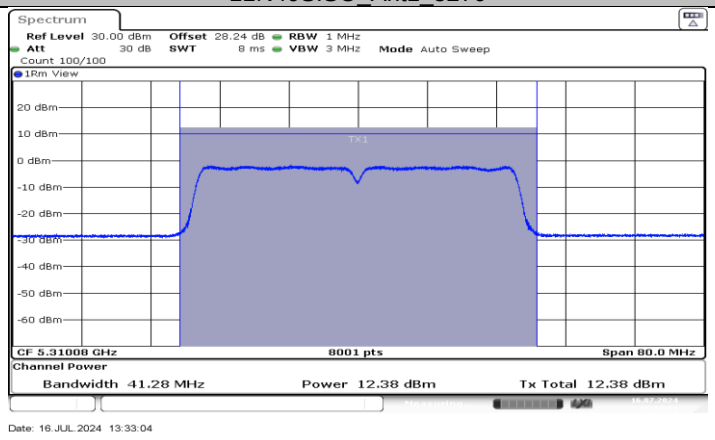
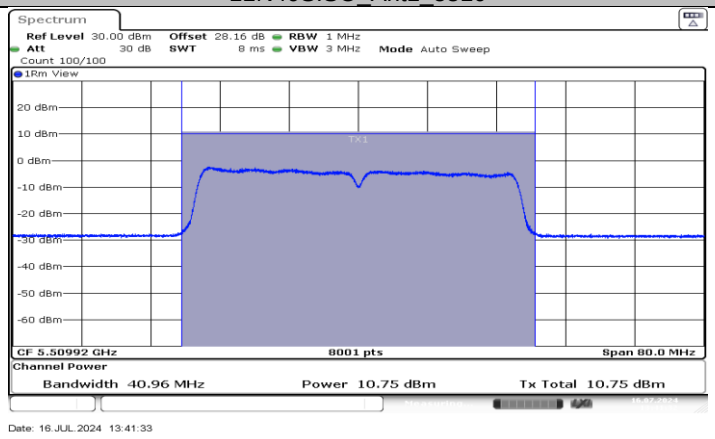


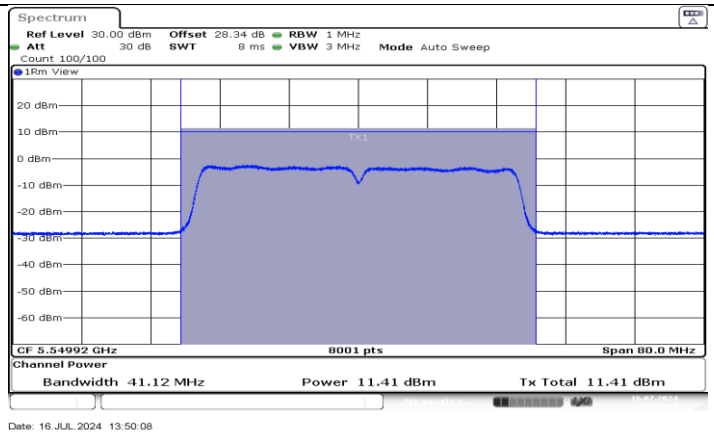
11N40SISO_Ant1_5270



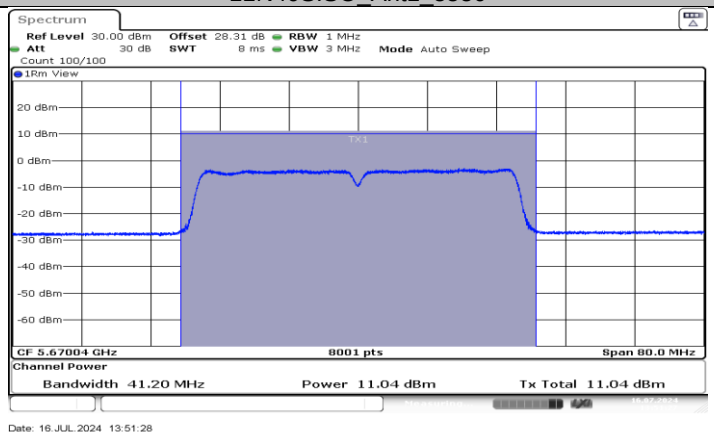
11N40SISO_Ant1_5310



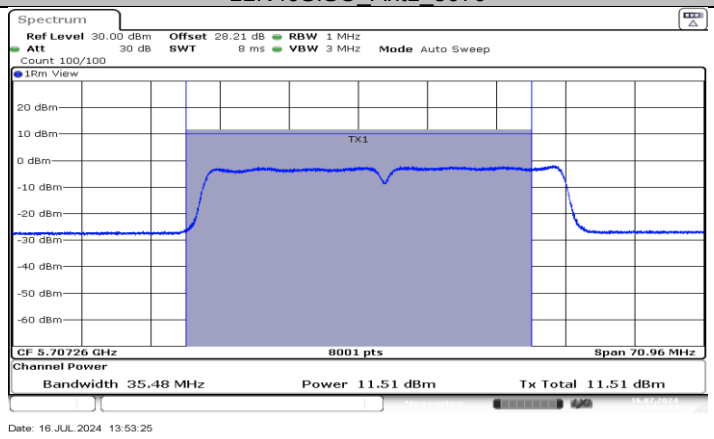
11N40SISO_Ant1_5510



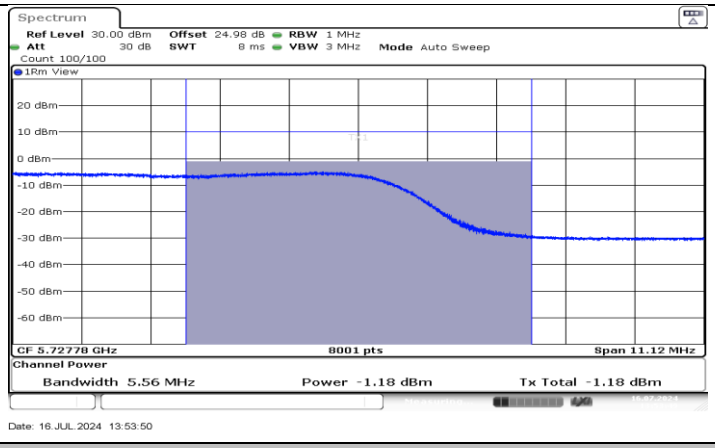
11N40SISO_Ant1_5550



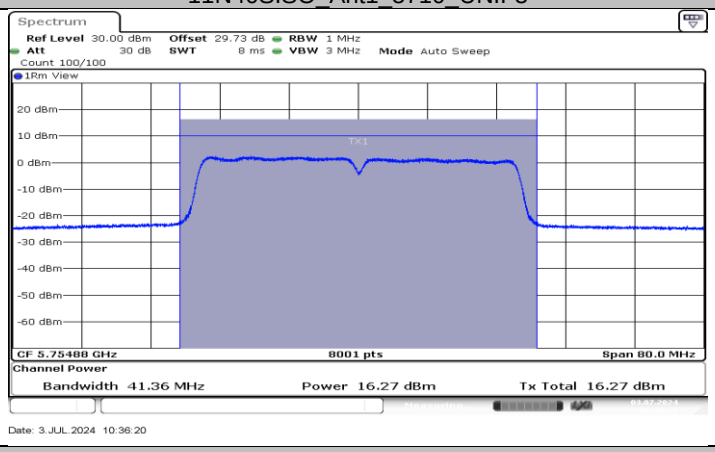
11N40SISO_Ant1_5670



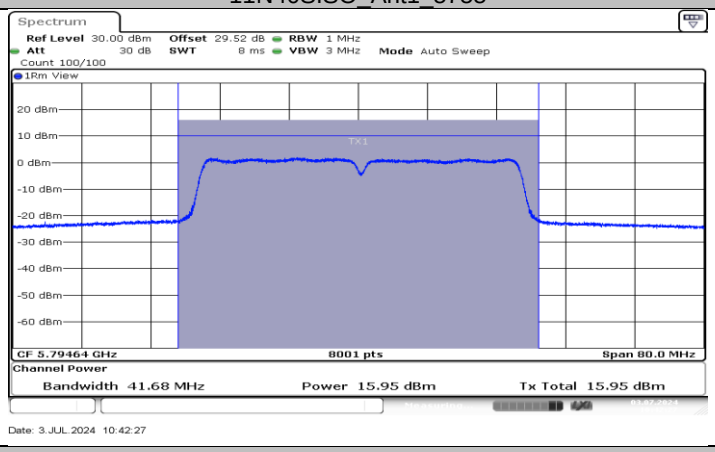
11N40SISO_Ant1_5710_UNII-2C



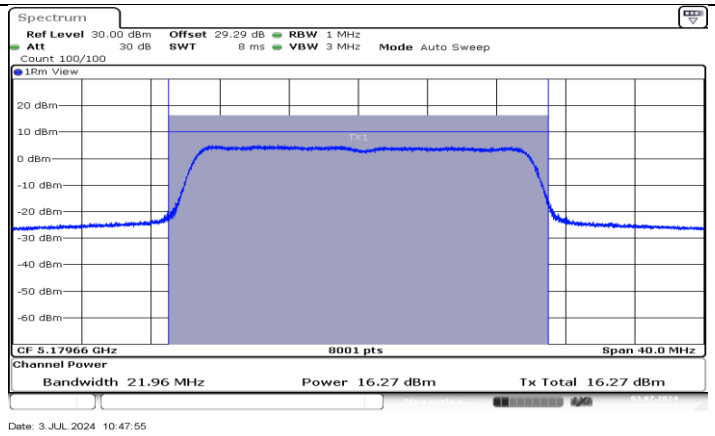
11N40SISO_Ant1_5710_UNII-3



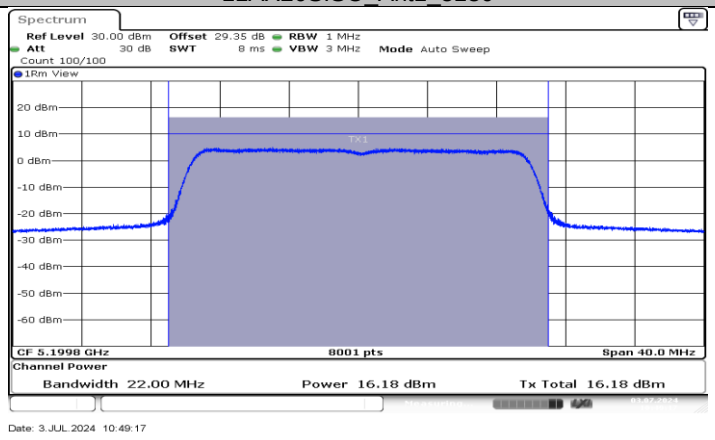
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AX20SISO_Ant1_5180



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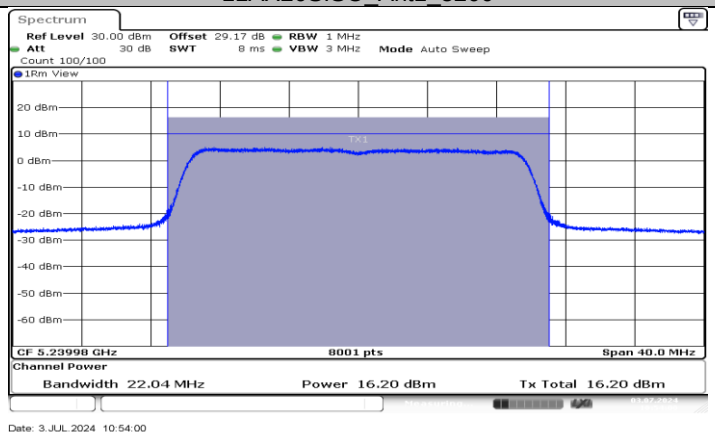
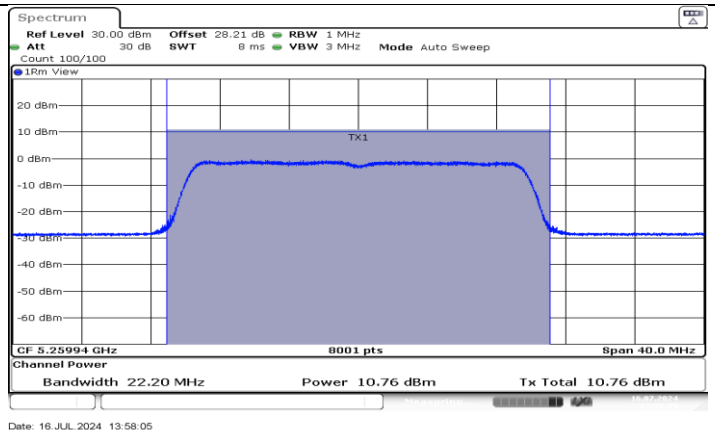


11AX20SISO_Ant1_5240



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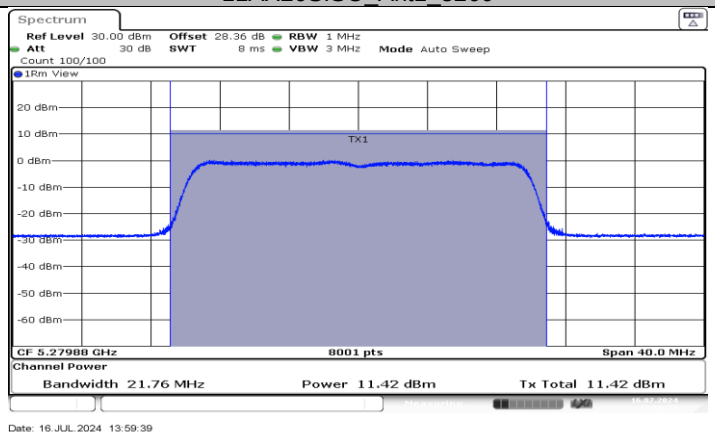
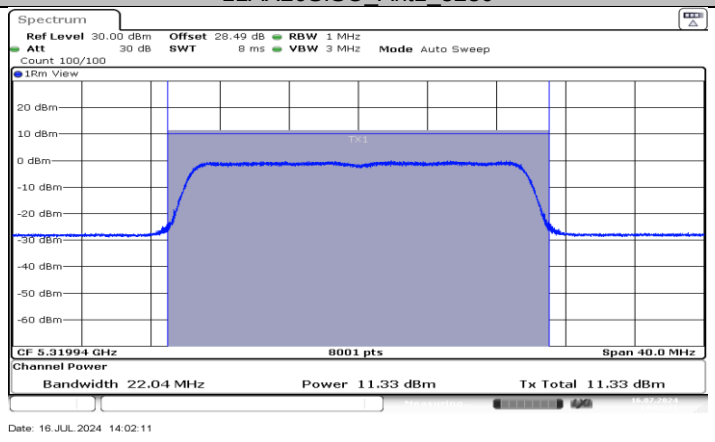


11AX20SISO_Ant1_5280



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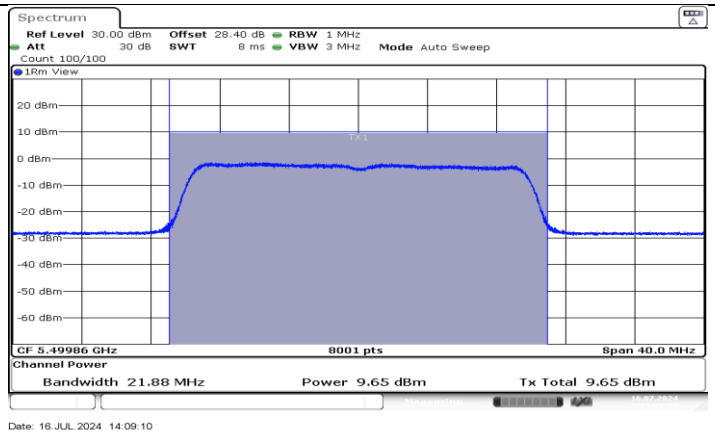
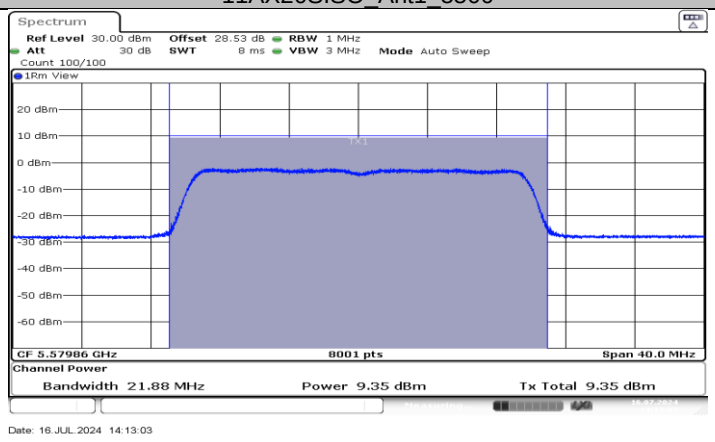
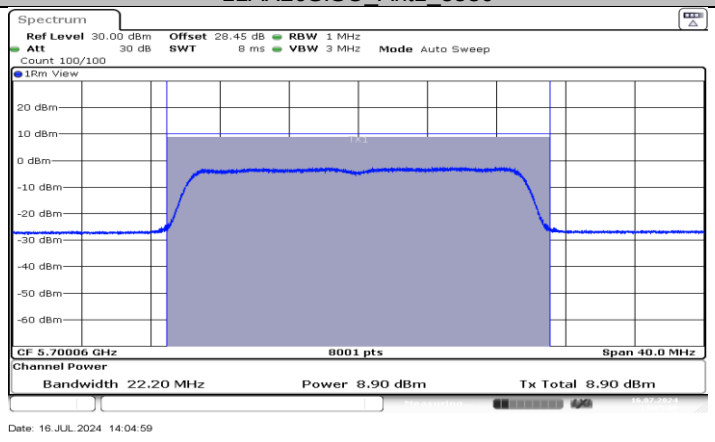


11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



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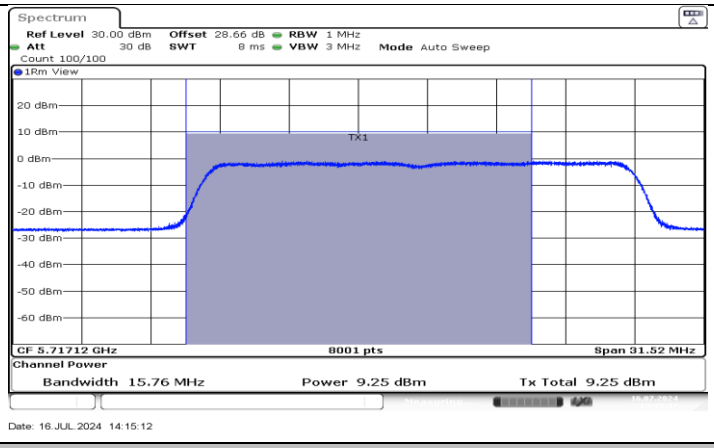
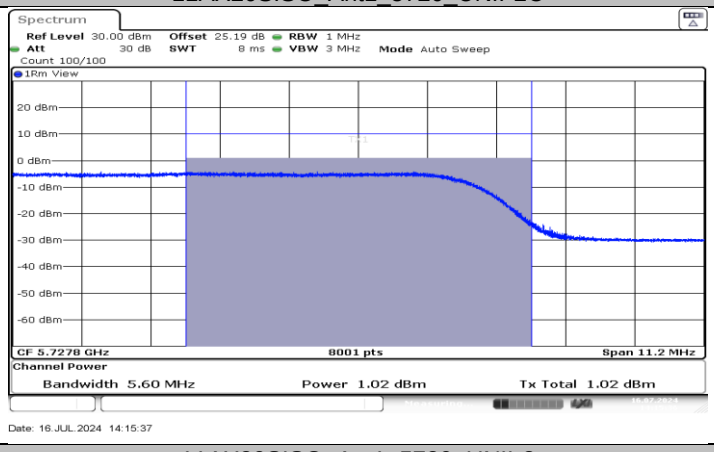
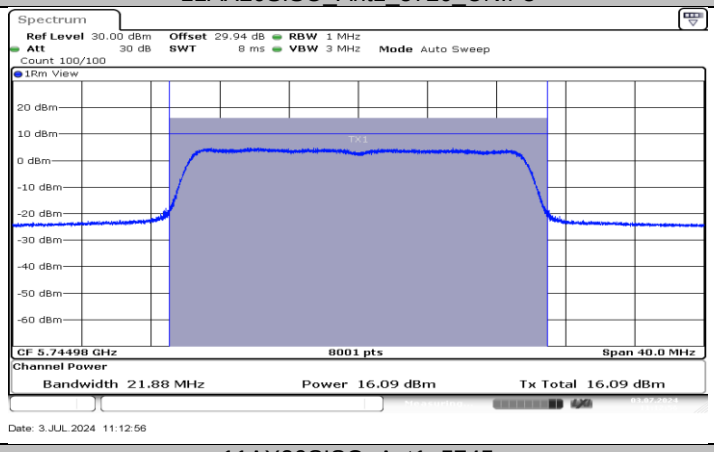


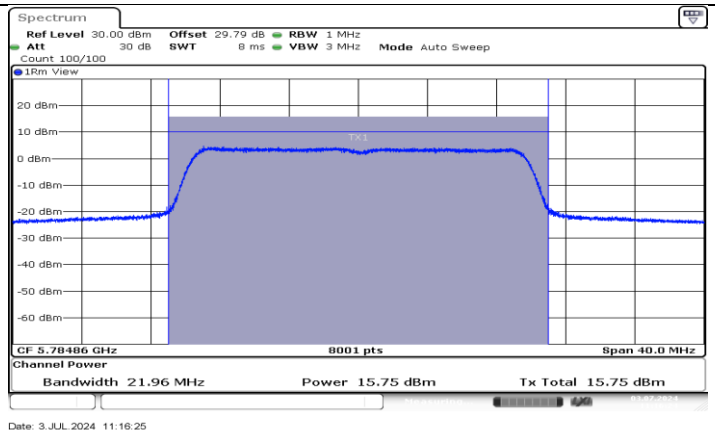
11AX20SISO_Ant1_5720_UNII-2C



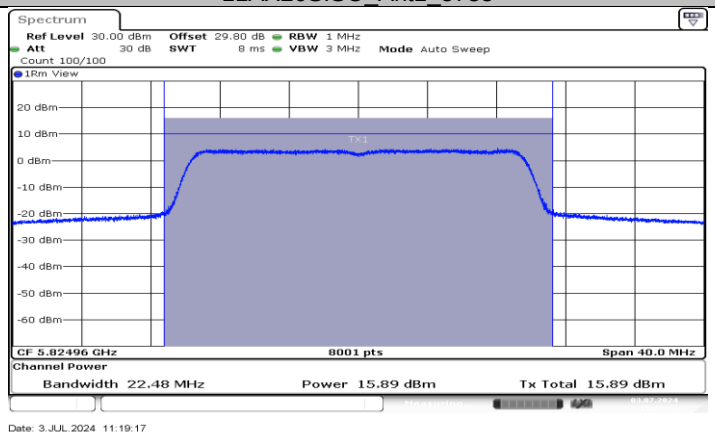
11AX20SISO_Ant1_5720_UNII-3



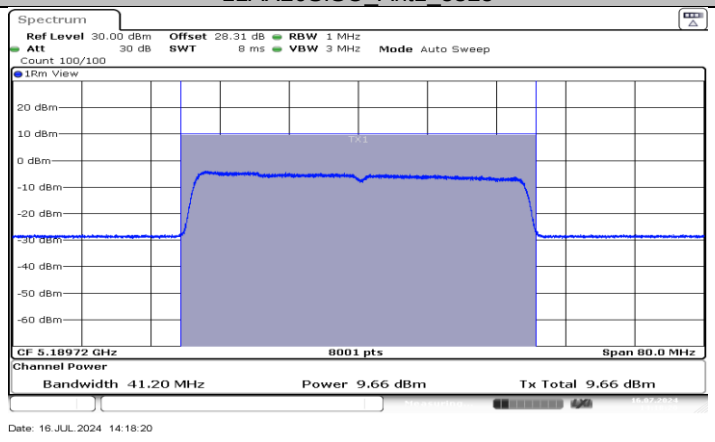
11AX20SISO_Ant1_5745



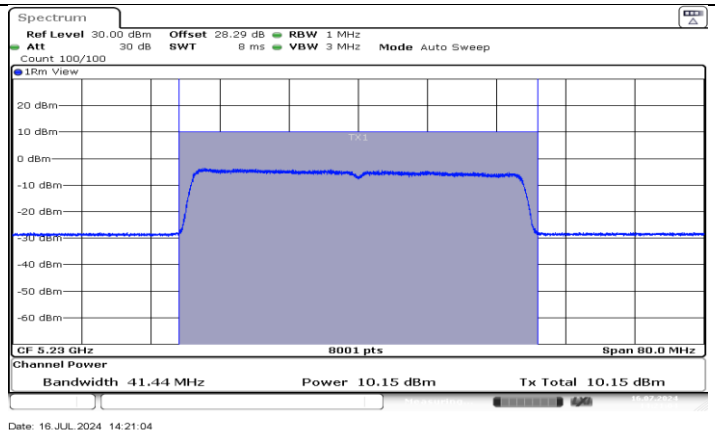
11AX20SISO_Ant1_5785



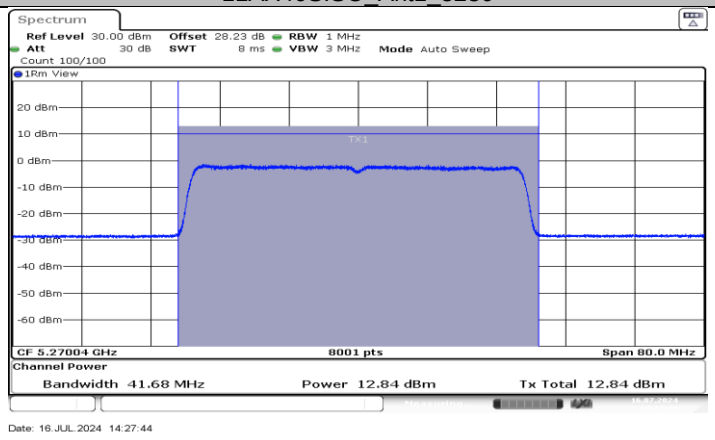
11AX20SISO_Ant1_5825



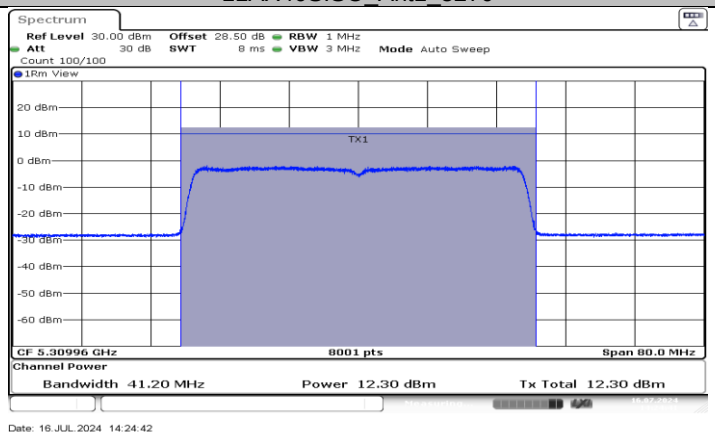
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5270



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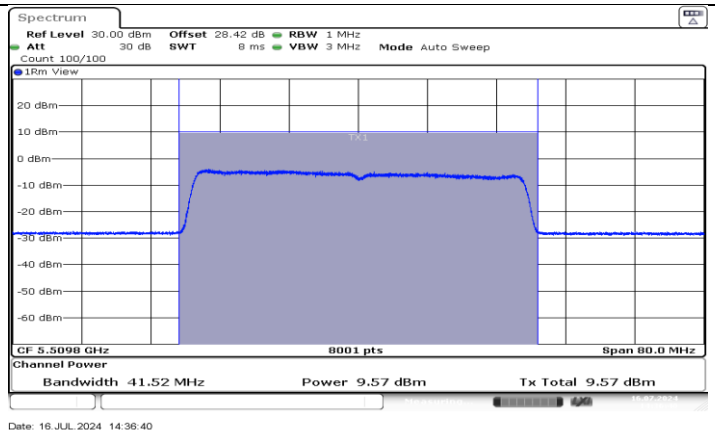

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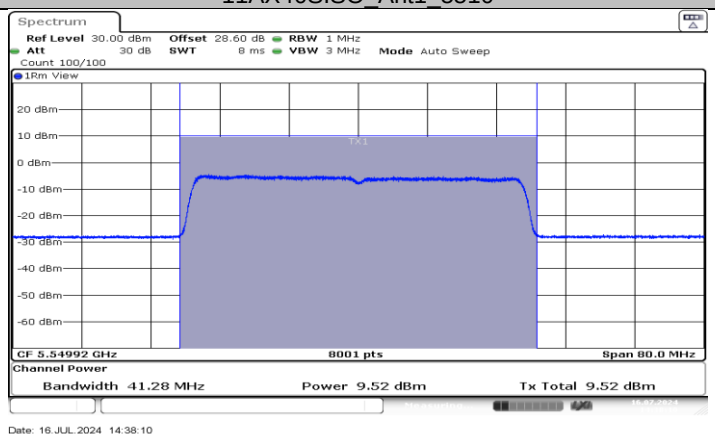

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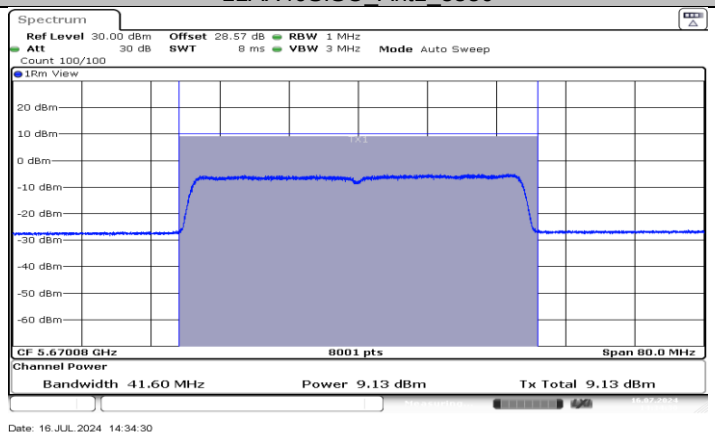
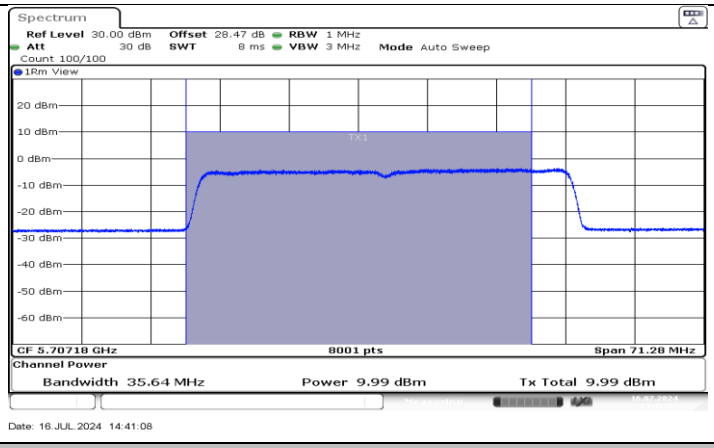
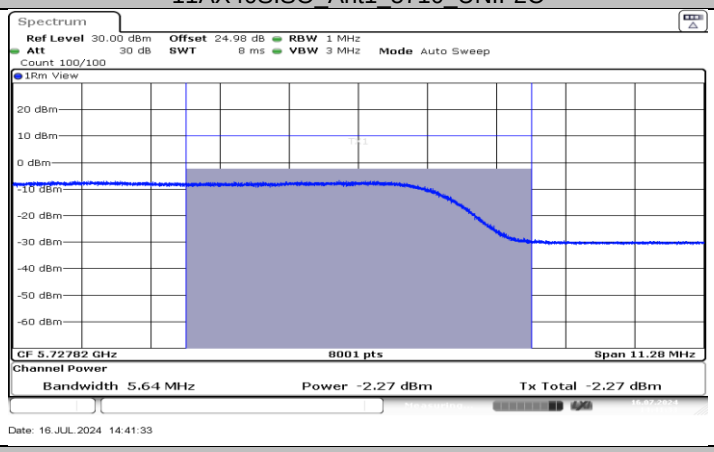


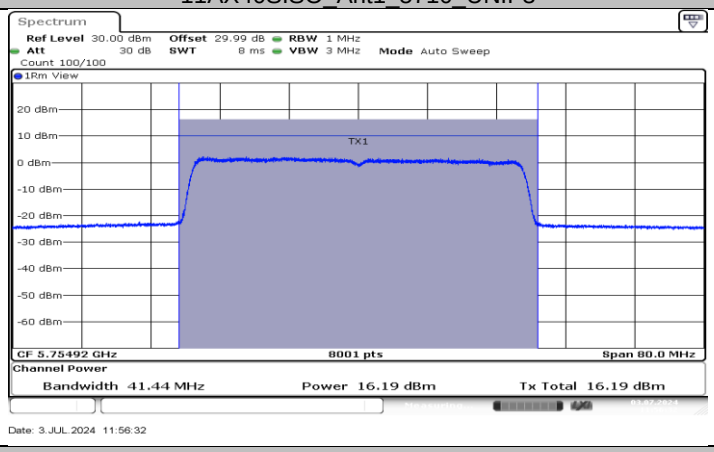
11AX40SISO_Ant1_5670



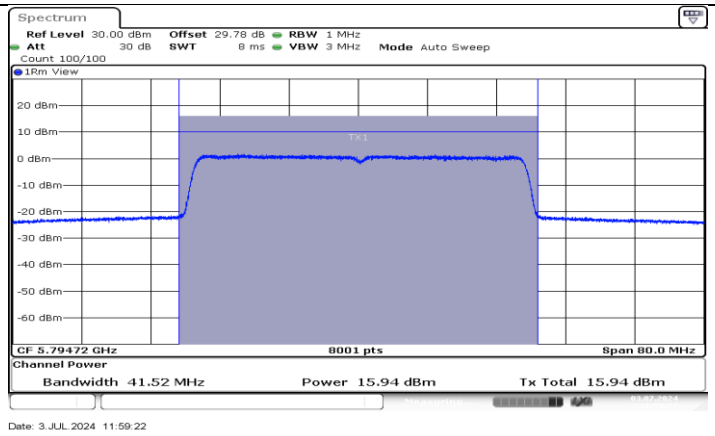
11AX40SISO_Ant1_5710_UNII-2C



11AX40SISO_Ant1_5710_UNII-3



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

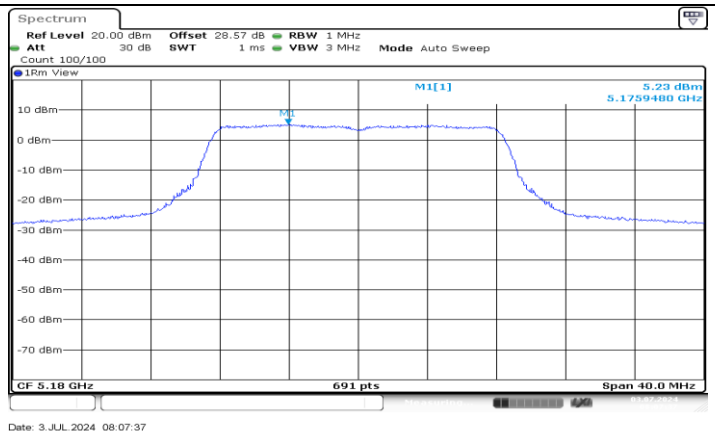
11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	5.23	---	9.16	≤10.00	PASS
		5200	5.18	---	9.11	≤10.00	PASS
		5240	5.06	---	8.99	≤10.00	PASS
		5260	5.04	≤11.00	8.97	---	PASS
		5280	4.90	≤11.00	8.83	---	PASS
		5320	4.84	≤11.00	8.77	---	PASS
		5500	-0.83	≤11.00	3.10	---	PASS
		5580	-1.49	≤11.00	2.44	---	PASS
		5700	-1.49	≤11.00	2.44	---	PASS
		5720_UNII-2C	5.69	≤11.00	9.62	---	PASS
		5720_UNII-3	1.54	≤30.00	5.47	---	PASS
		5745	2.03	≤30.00	5.96	---	PASS
		5785	1.74	≤30.00	5.67	---	PASS
		5825	1.82	≤30.00	5.75	---	PASS
11N20SISO	Ant1	5180	5.40	≤11.00	9.33	≤10.00	PASS
		5200	5.27	≤11.00	9.20	≤10.00	PASS
		5240	4.79	≤11.00	8.72	≤10.00	PASS
		5260	4.82	≤11.00	8.75	---	PASS
		5280	4.58	≤11.00	8.51	---	PASS
		5320	5.06	≤11.00	8.99	---	PASS
		5500	-1.33	≤11.00	2.60	---	PASS
		5580	-1.41	≤11.00	2.52	---	PASS
		5700	-2.43	≤11.00	1.50	---	PASS
		5720_UNII-2C	6.14	≤11.00	10.07	---	PASS
		5720_UNII-3	1.85	≤30.00	5.78	---	PASS
		5745	1.24	≤30.00	5.17	---	PASS
		5785	2.28	≤30.00	6.21	---	PASS
		5825	2.18	≤30.00	6.11	---	PASS
11N40SISO	Ant1	5190	-3.68	≤11.00	0.25	≤10.00	PASS
		5230	-3.59	≤11.00	0.34	≤10.00	PASS
		5270	-2.01	≤11.00	1.92	---	PASS
		5310	-2.22	≤11.00	1.71	---	PASS
		5510	-2.97	≤11.00	0.96	---	PASS
		5550	-2.62	≤11.00	1.31	---	PASS
		5670	-3.27	≤11.00	0.66	---	PASS
		5710_UNII-2C	-2.29	≤11.00	1.64	---	PASS
		5710_UNII-3	-4.93	≤30.00	-1.00	---	PASS
		5755	-0.92	≤30.00	3.01	---	PASS
		5795	-1.13	≤30.00	2.80	---	PASS
11AX20SISO	Ant1	5180	4.59	≤11.00	8.52	≤10.00	PASS
		5200	4.35	≤11.00	8.28	≤10.00	PASS
		5240	4.71	≤11.00	8.64	≤10.00	PASS
		5260	-1.06	≤11.00	2.87	---	PASS
		5280	-0.60	≤11.00	3.33	---	PASS
		5320	-0.69	≤11.00	3.24	---	PASS
		5500	-1.28	≤11.00	2.65	---	PASS
		5580	-2.57	≤11.00	1.36	---	PASS
		5700	-2.51	≤11.00	1.42	---	PASS
		5720_UNII-2C	-1.19	≤11.00	2.74	---	PASS
		5720_UNII-3	-4.20	≤30.00	-0.27	---	PASS
		5745	2.19	≤30.00	6.12	---	PASS
		5785	1.39	≤30.00	5.32	---	PASS
		5825	1.87	≤30.00	5.80	---	PASS
11AX40SISO	Ant1	5190	-4.09	≤11.00	-0.16	≤10.00	PASS
		5230	-3.91	≤11.00	0.02	≤10.00	PASS

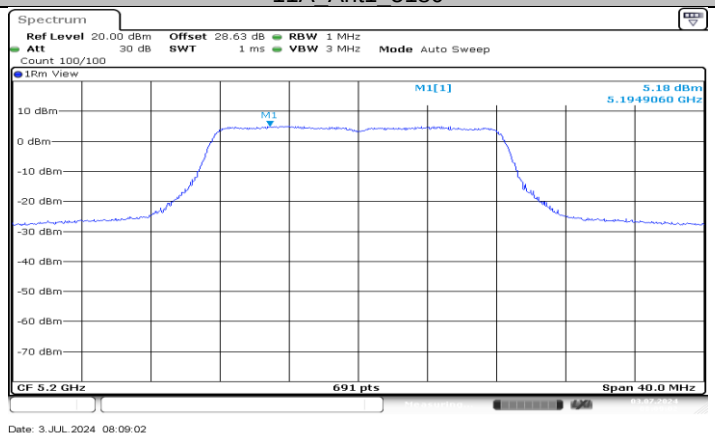
		5270	-1.78	≤11.00	2.15	---	PASS
		5310	-2.36	≤11.00	1.57	---	PASS
		5510	-4.34	≤11.00	-0.41	---	PASS
		5550	-4.89	≤11.00	-0.96	---	PASS
		5670	-4.96	≤11.00	-1.03	---	PASS
		5710_UNII-2C	-4.23	≤11.00	-0.30	---	PASS
		5710_UNII-3	-5.93	≤30.00	-2.00	---	PASS
		5755	-1.19	≤30.00	2.74	---	PASS
		5795	-0.74	≤30.00	3.19	---	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.

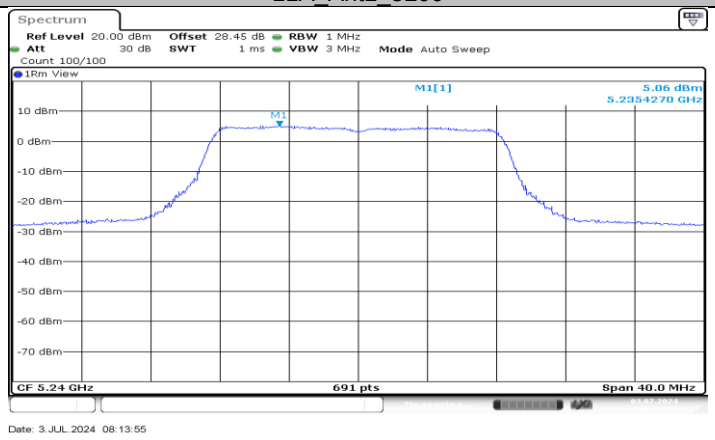
11.5.2. Test Graphs



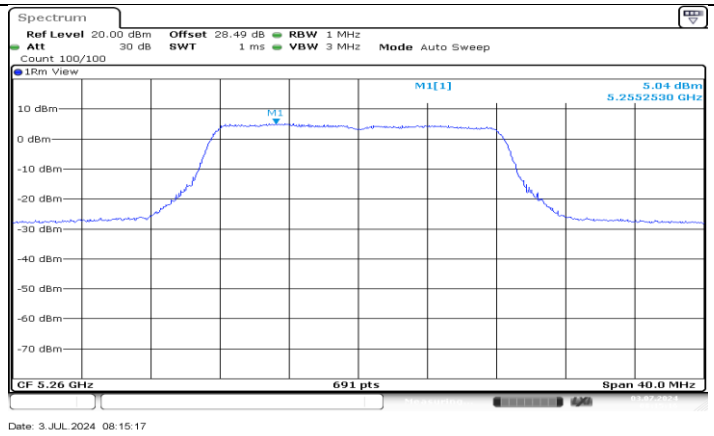
11A_Ant1_5180



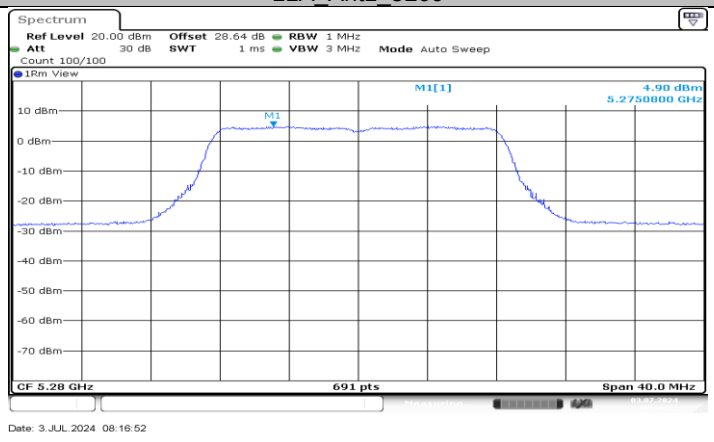
11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5260



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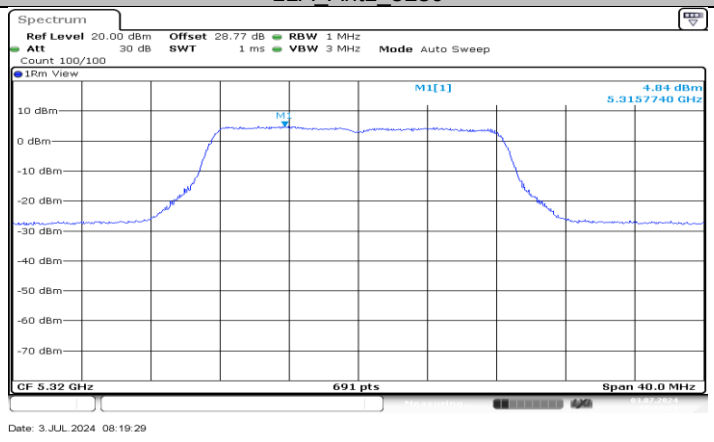

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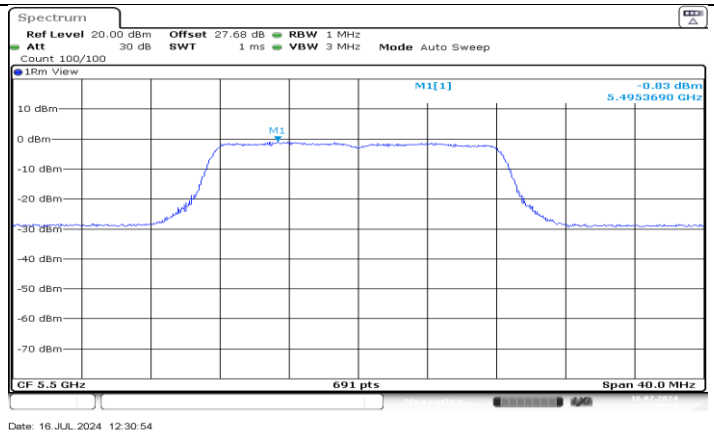
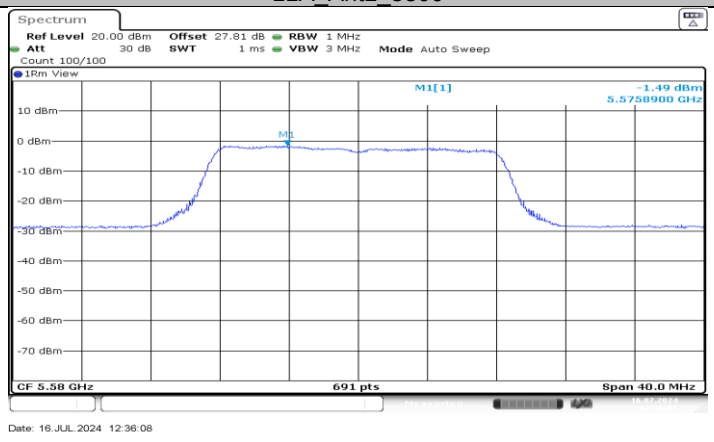
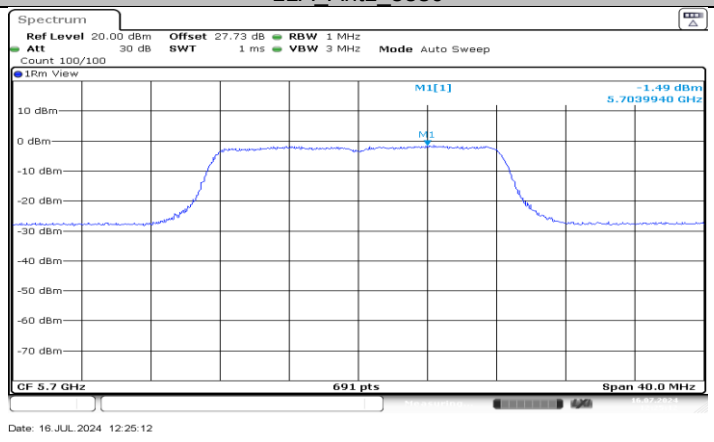


11A_Ant1_5500



11A_Ant1_5580



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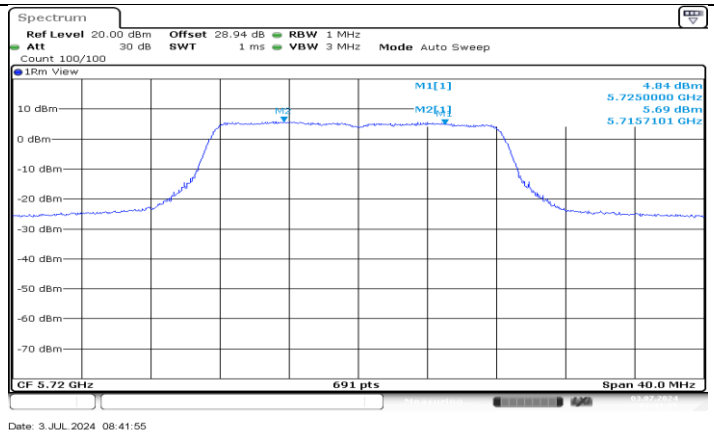
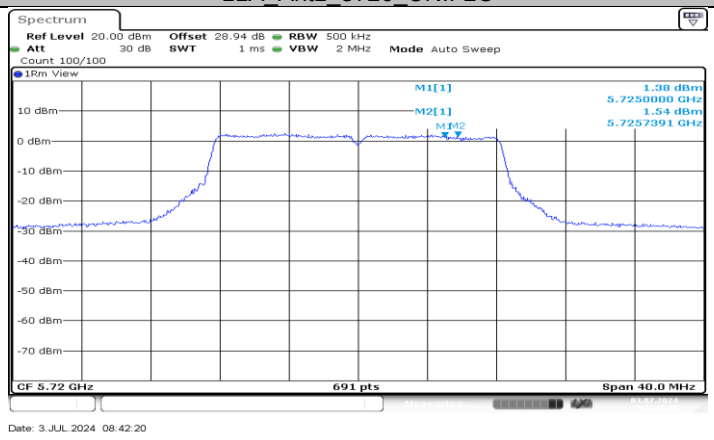
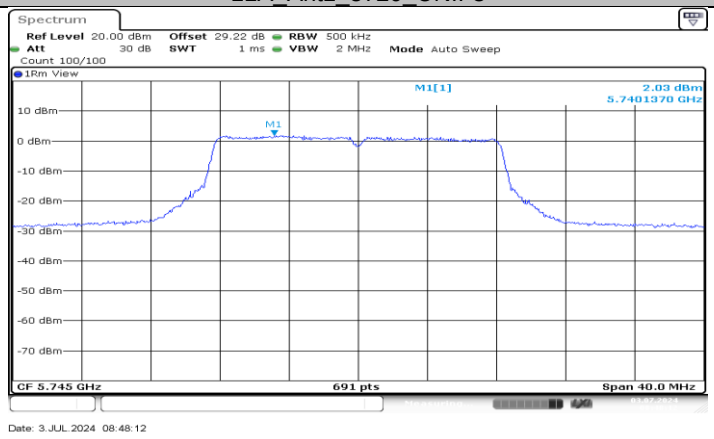


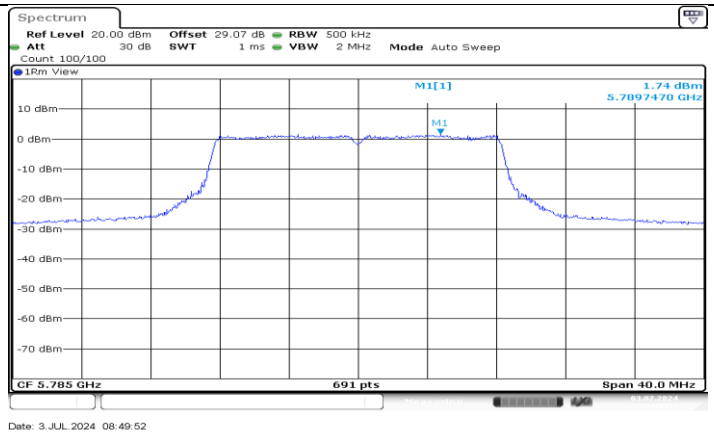
11A_Ant1_5720_UNII-2C



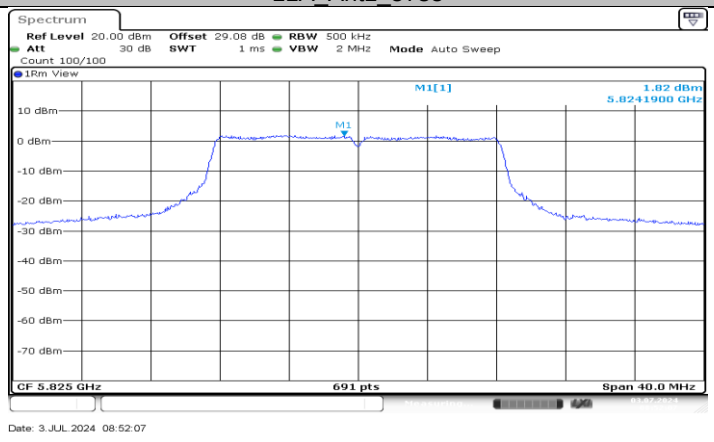
11A_Ant1_5720_UNII-3



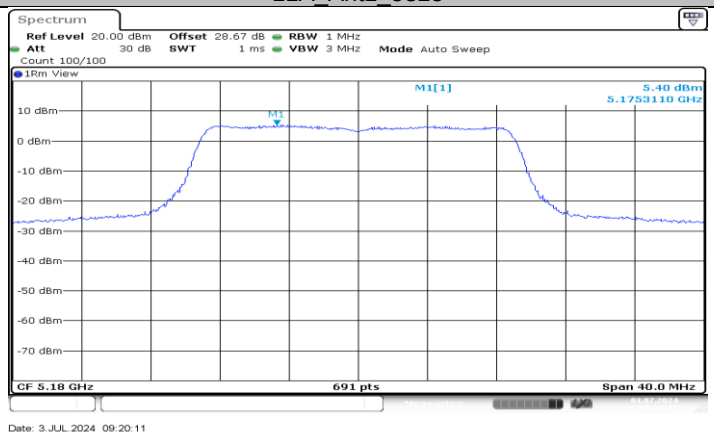
11A_Ant1_5745



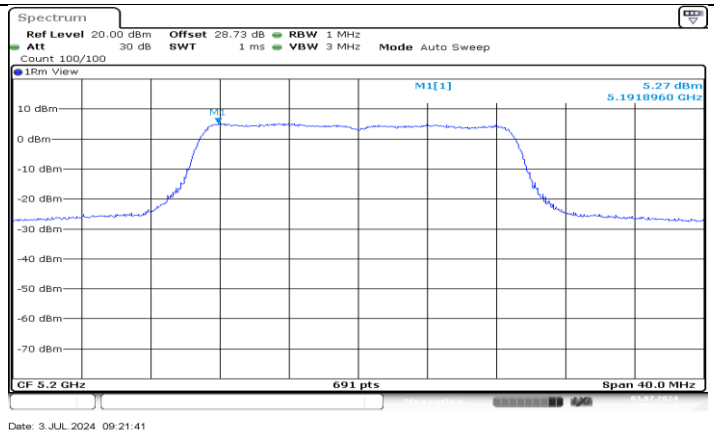
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



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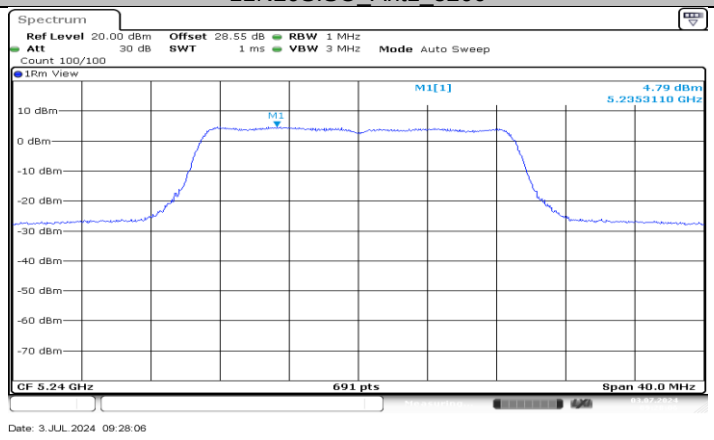
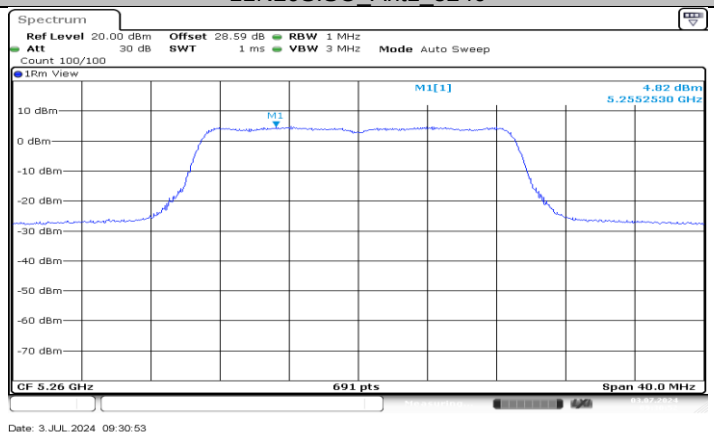
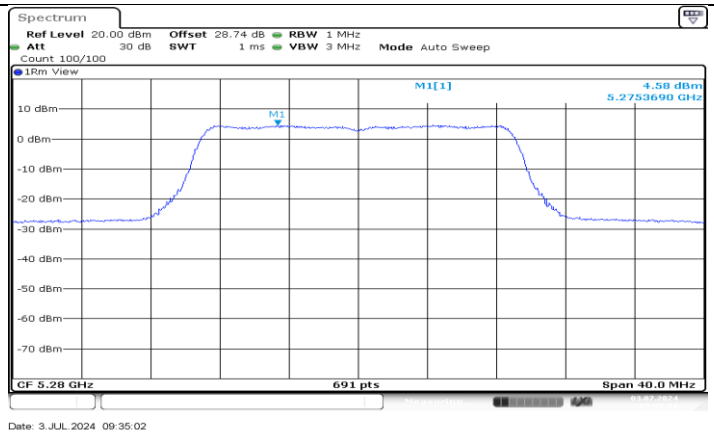


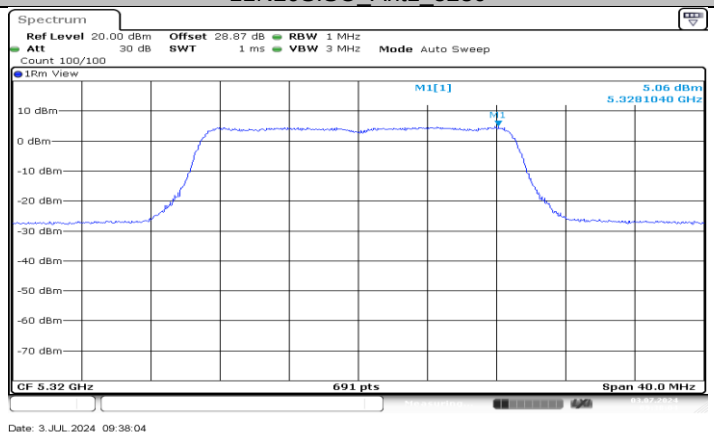
11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



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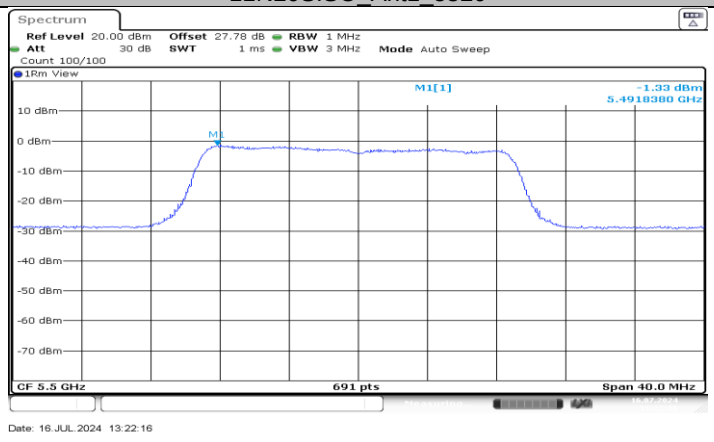
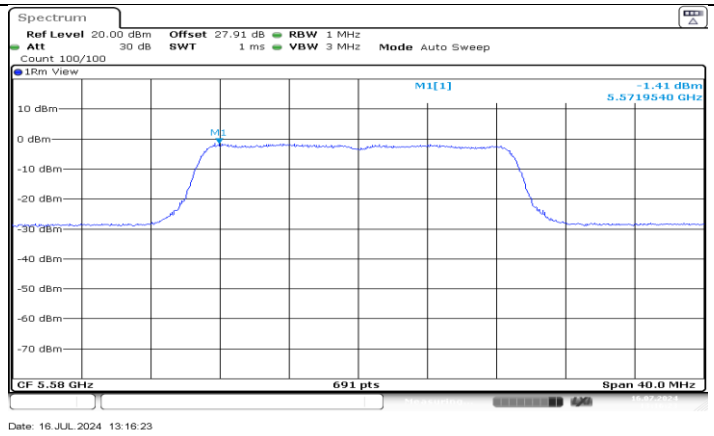
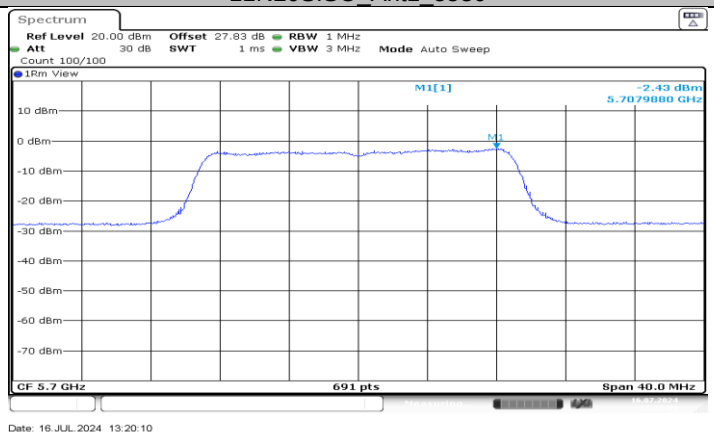


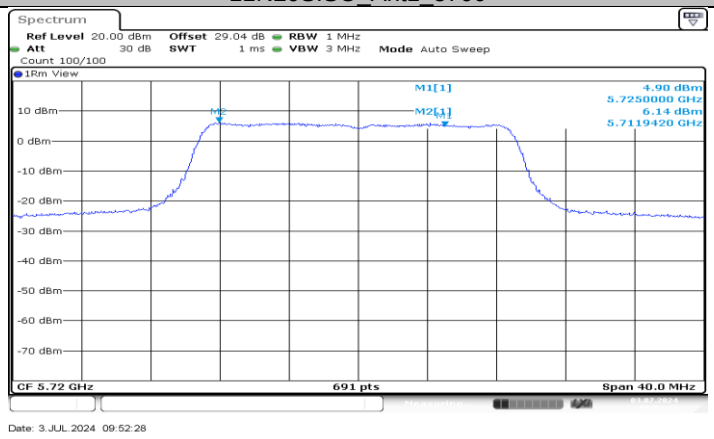
11N20SISO_Ant1_5500



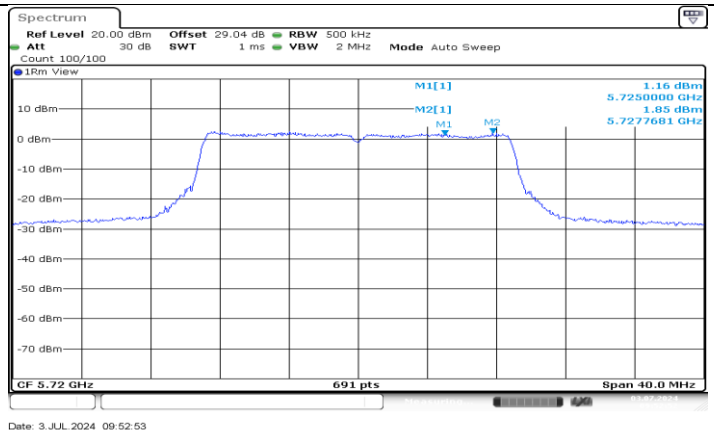
11N20SISO_Ant1_5580



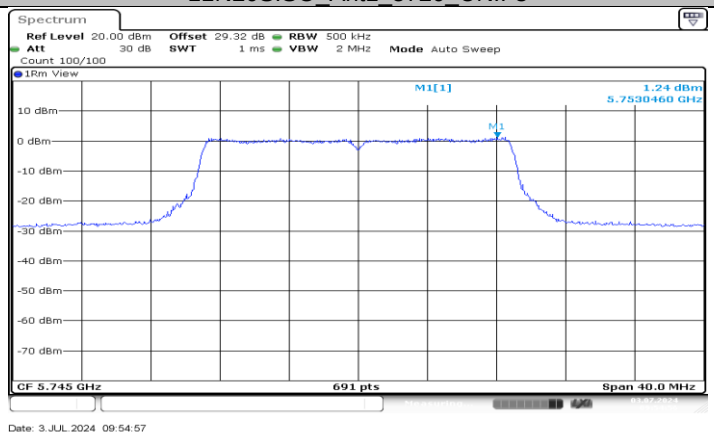
11N20SISO_Ant1_5700



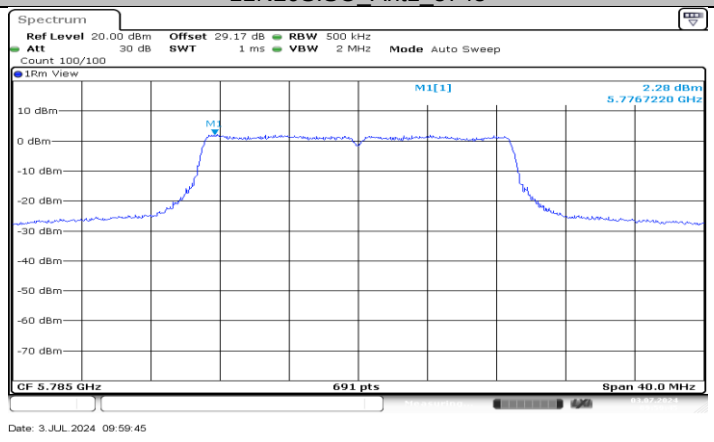
11N20SISO_Ant1_5720_UNII-2C



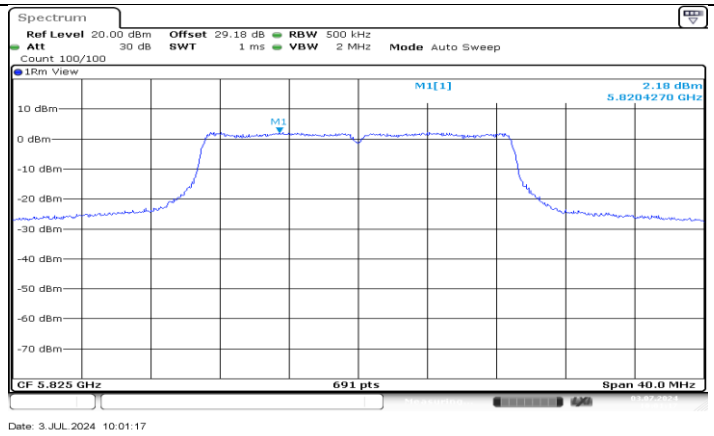
11N20SISO_Ant1_5720_UNII-3



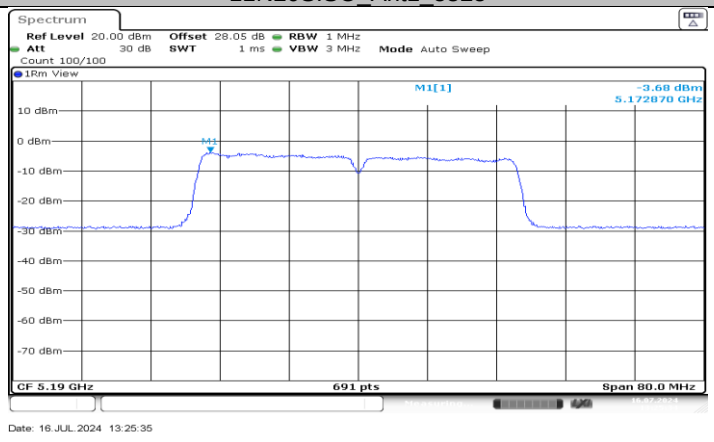
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



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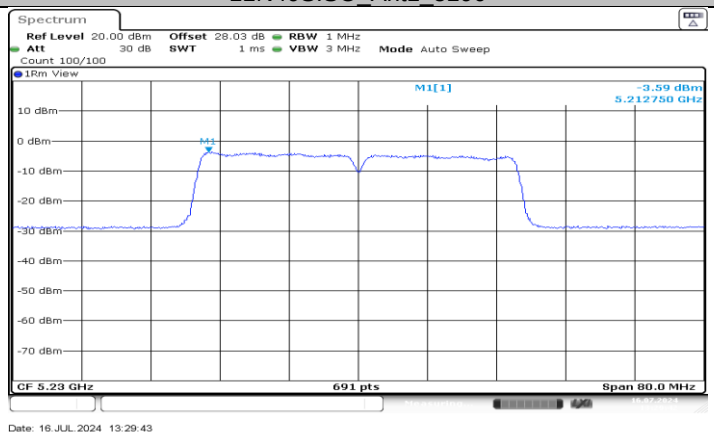

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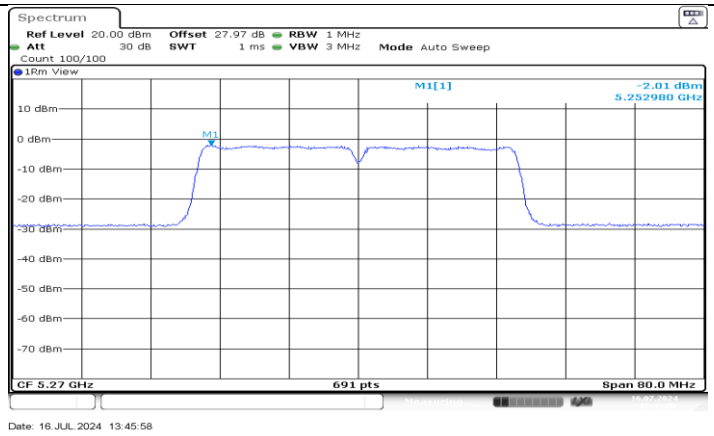

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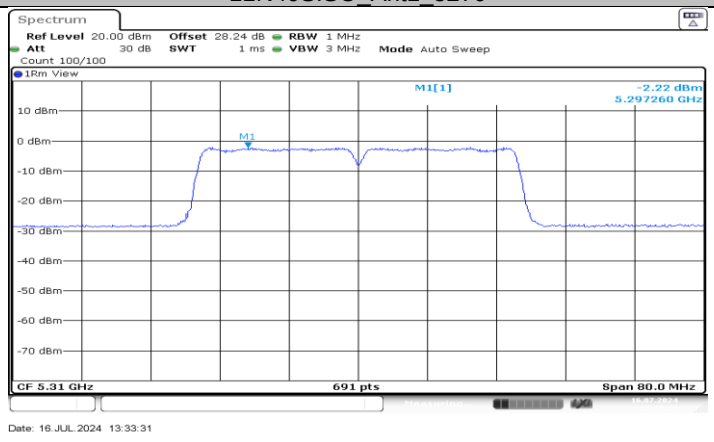
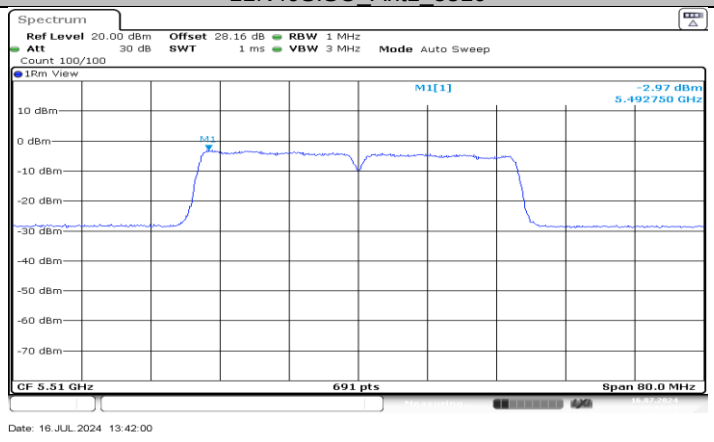
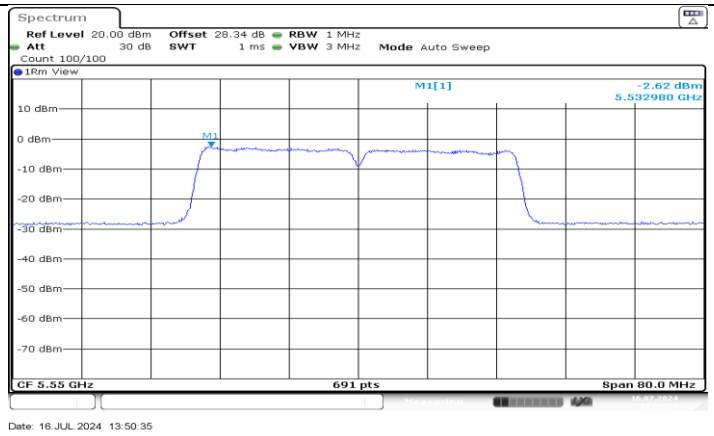


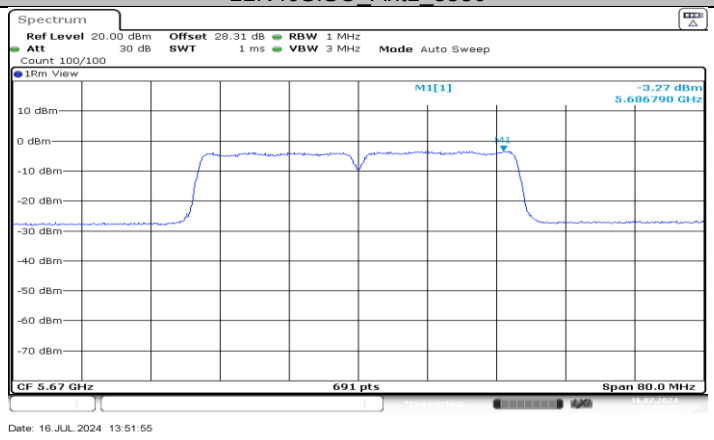
11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



11N40SISO_Ant1_5550



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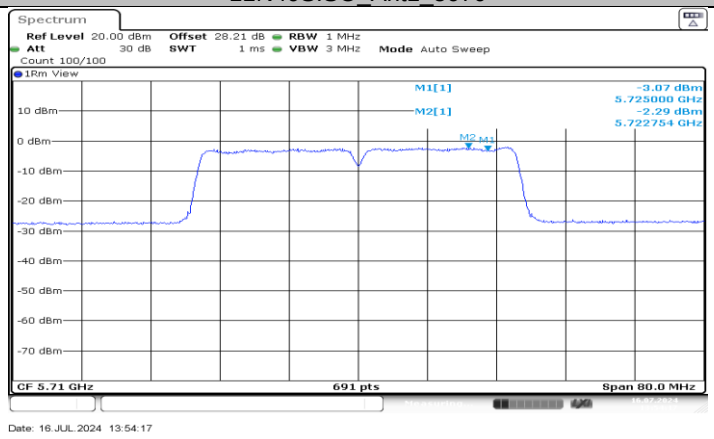
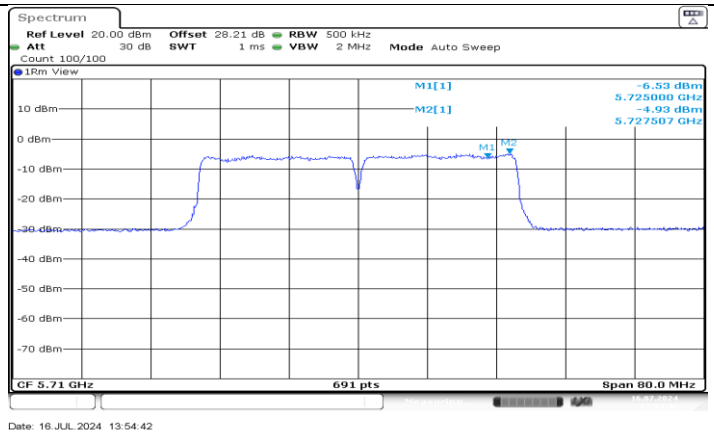


11N40SISO_Ant1_5710_UNII-2C



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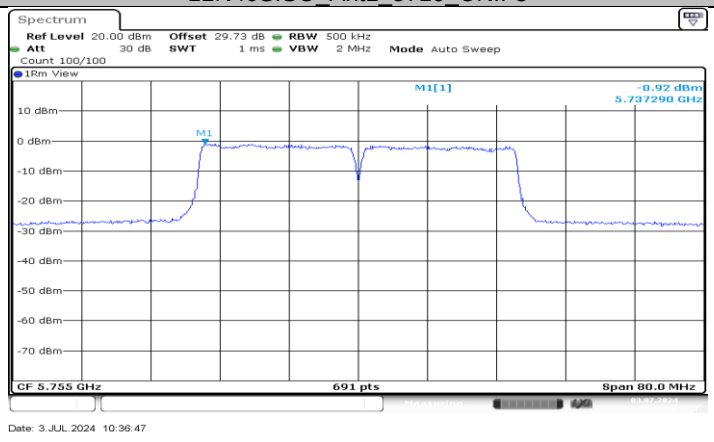

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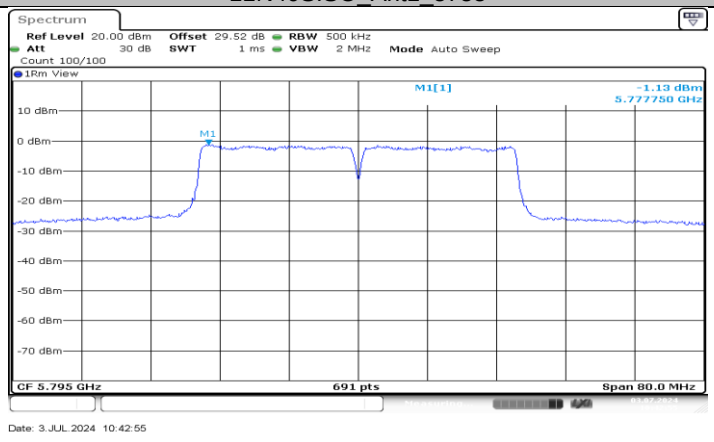

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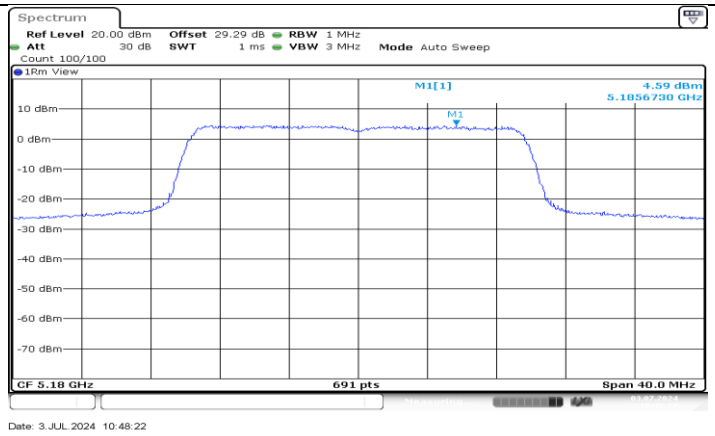
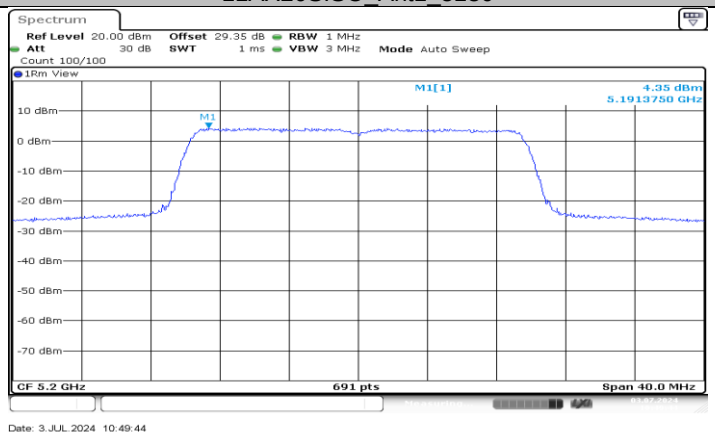


11AX20SISO_Ant1_5180



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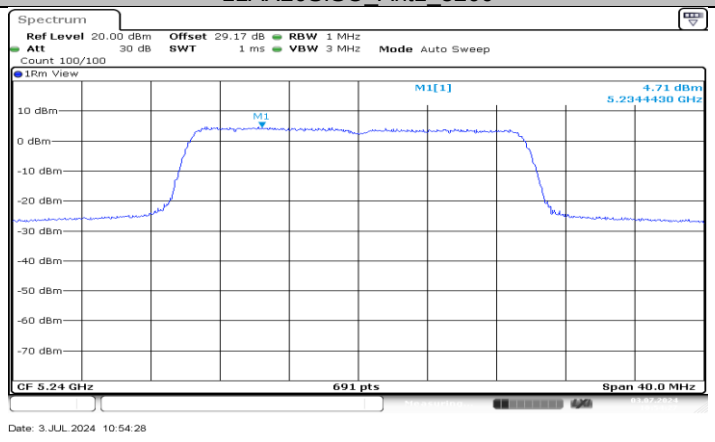

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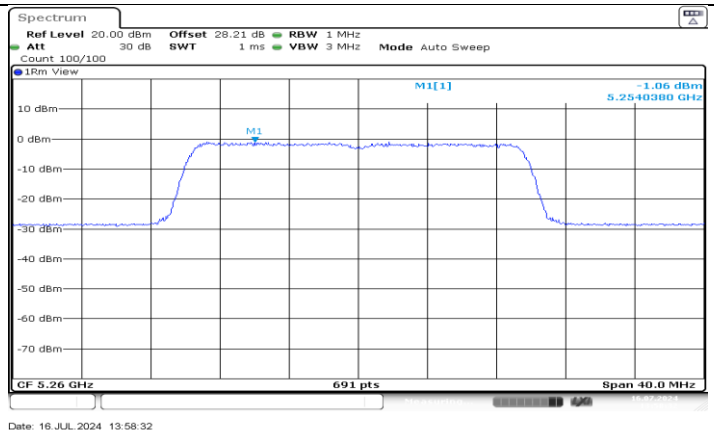

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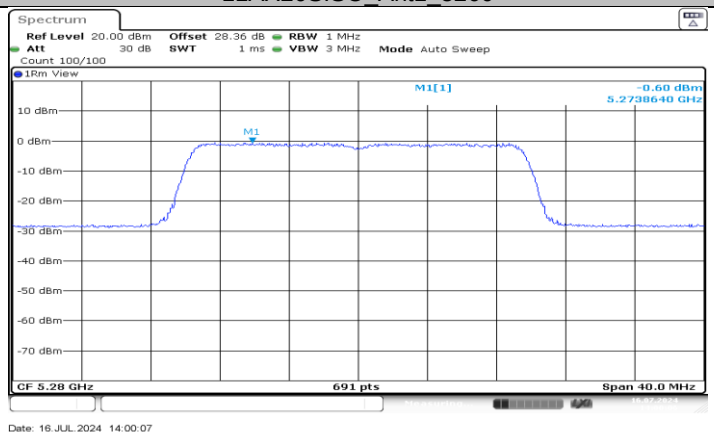

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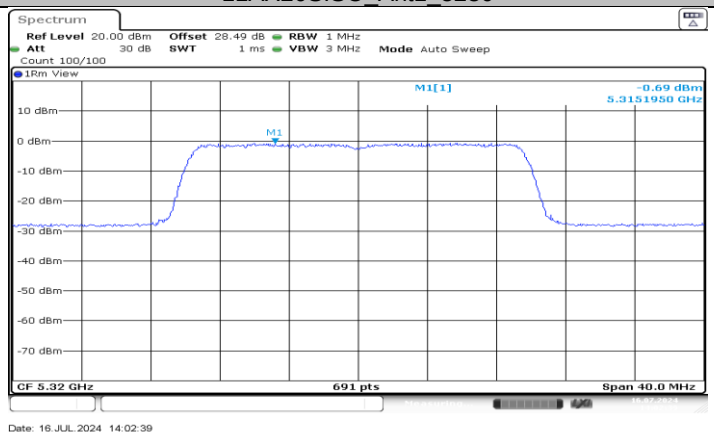

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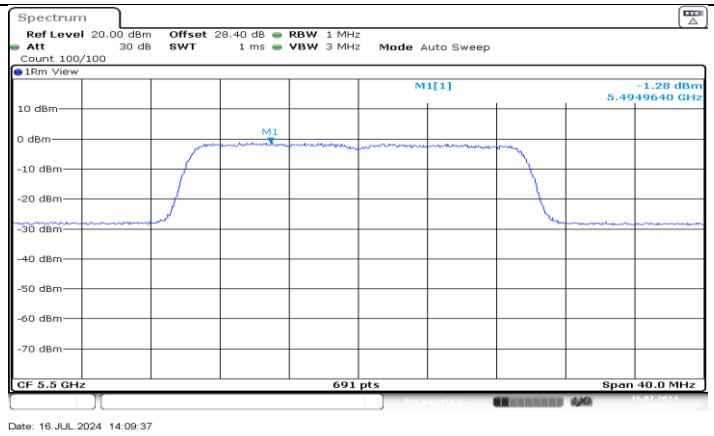

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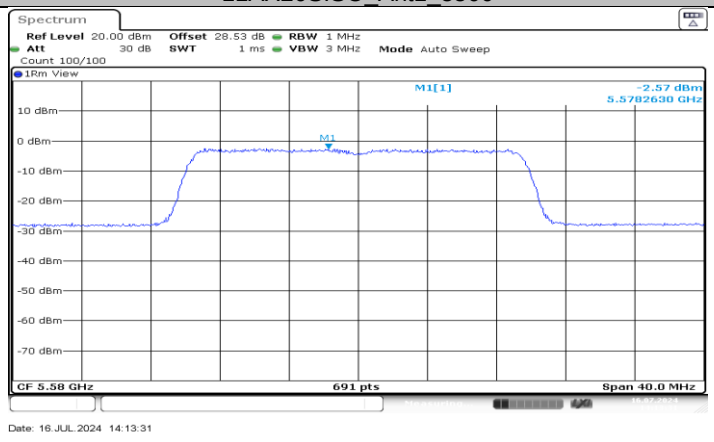
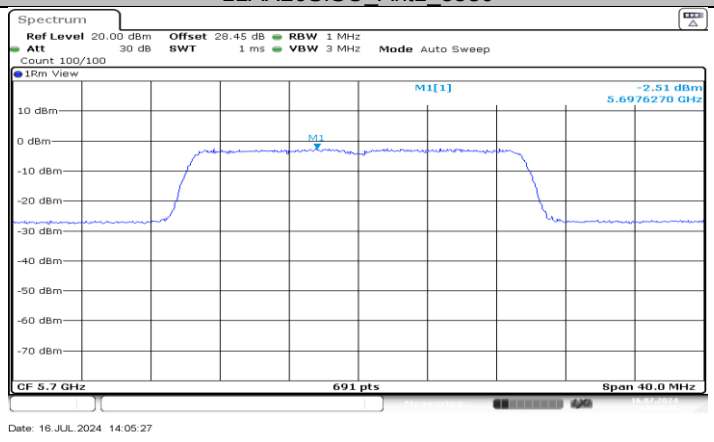
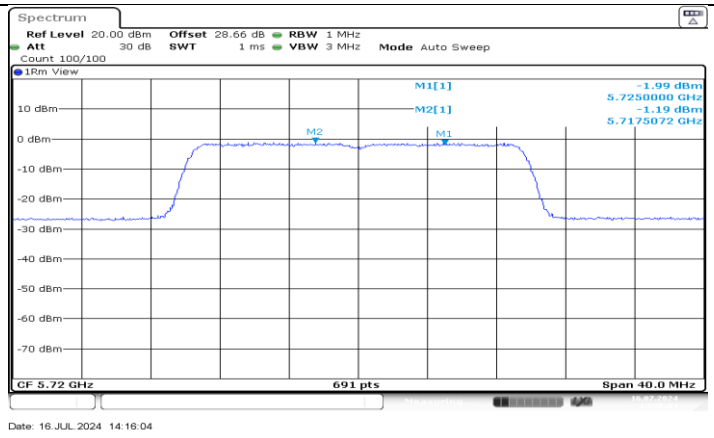


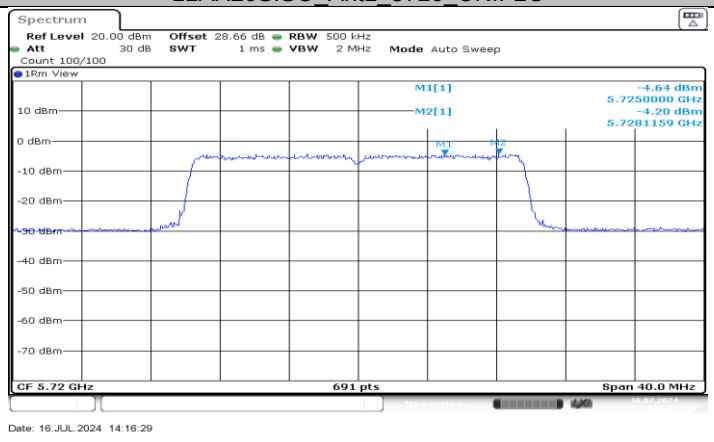
11AX20SISO_Ant1_5580



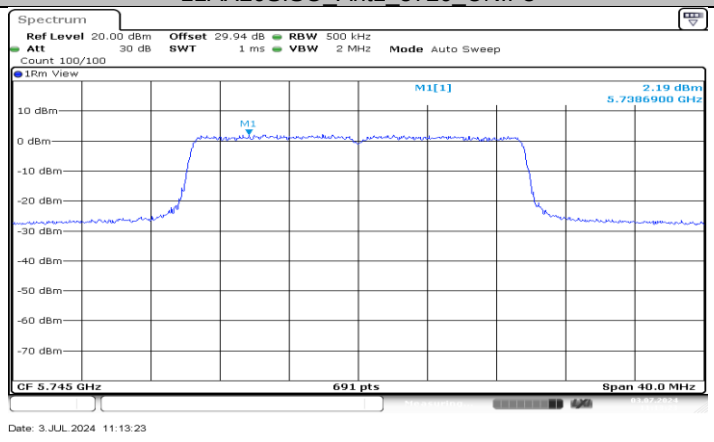
11AX20SISO_Ant1_5700



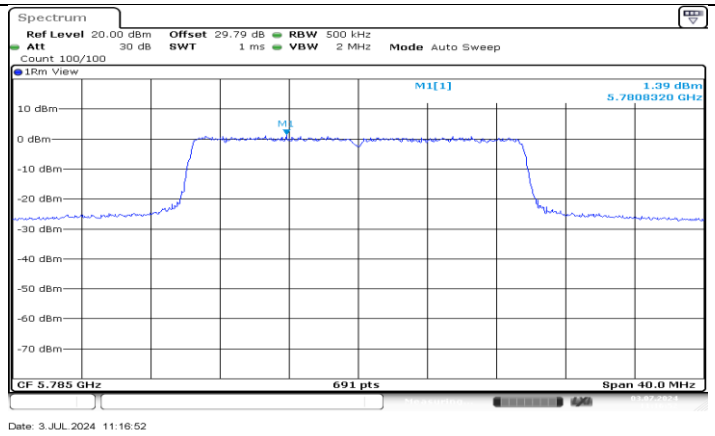
11AX20SISO_Ant1_5720_UNII-2C



11AX20SISO_Ant1_5720_UNII-3



11AX20SISO_Ant1_5745



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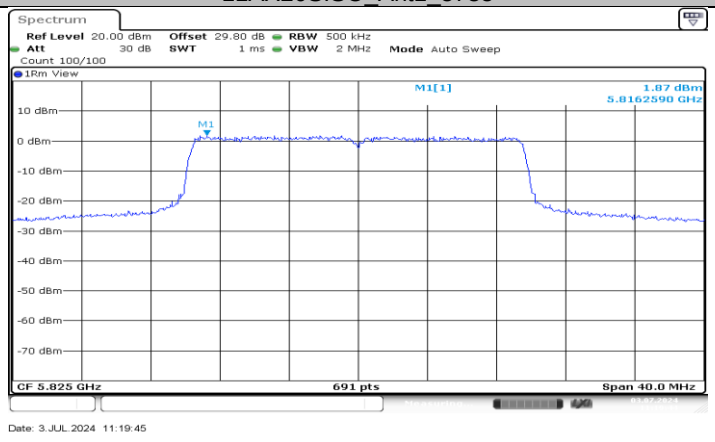

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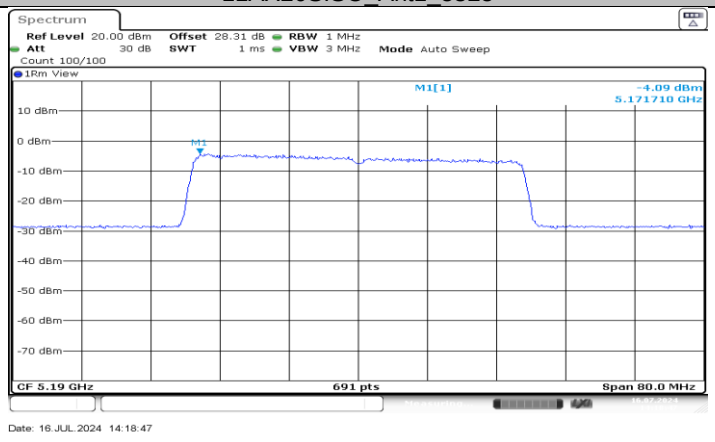
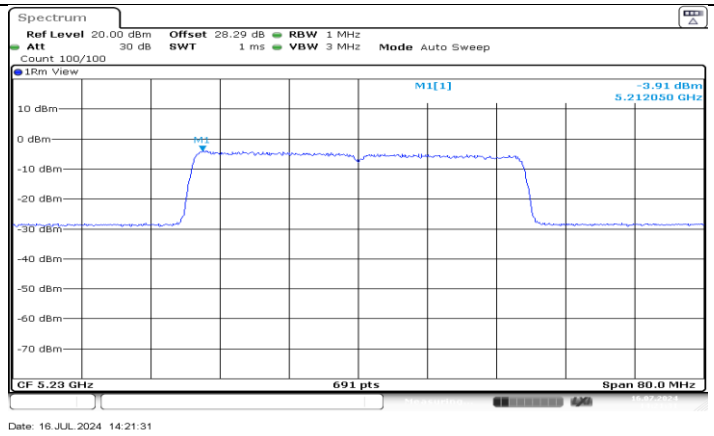
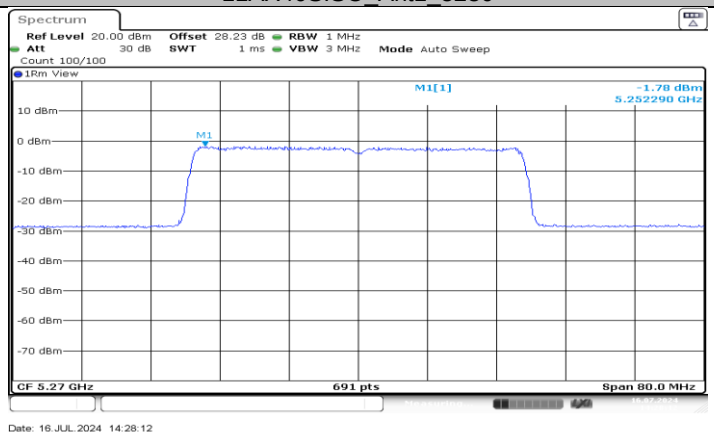


11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



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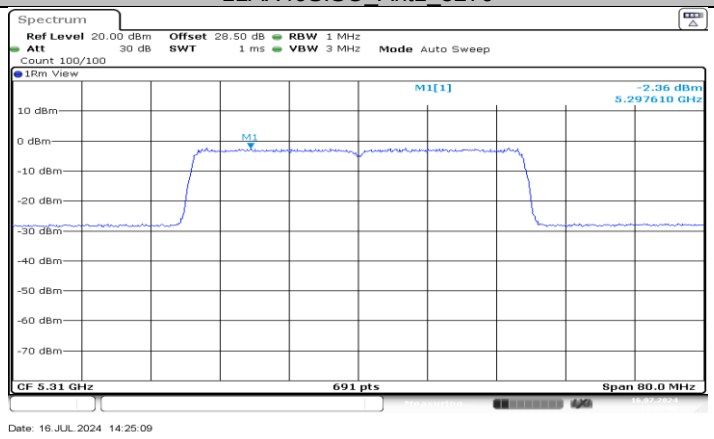

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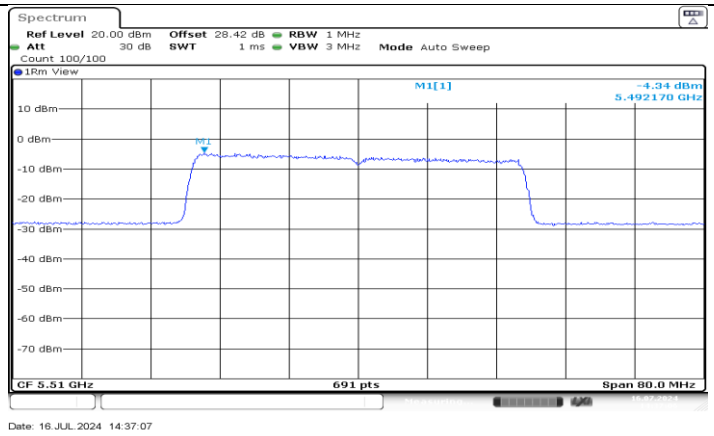
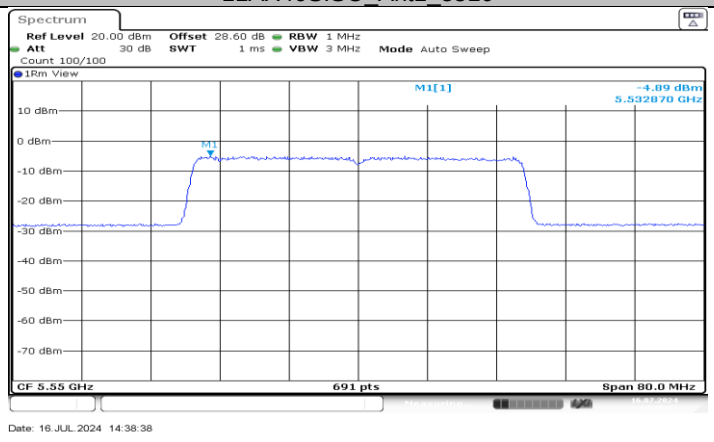


11AX40SISO_Ant1_5510



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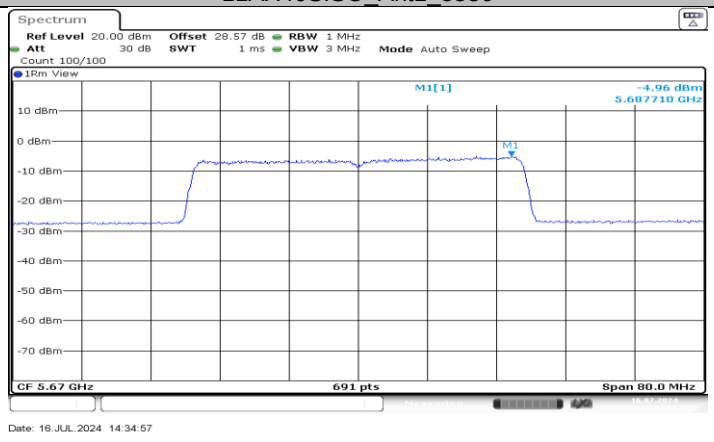
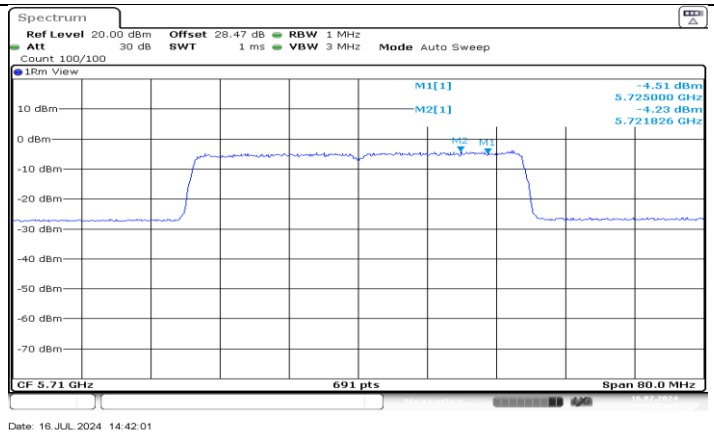
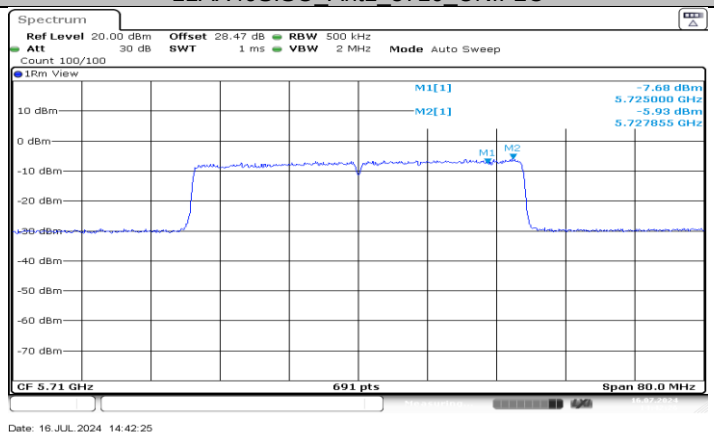


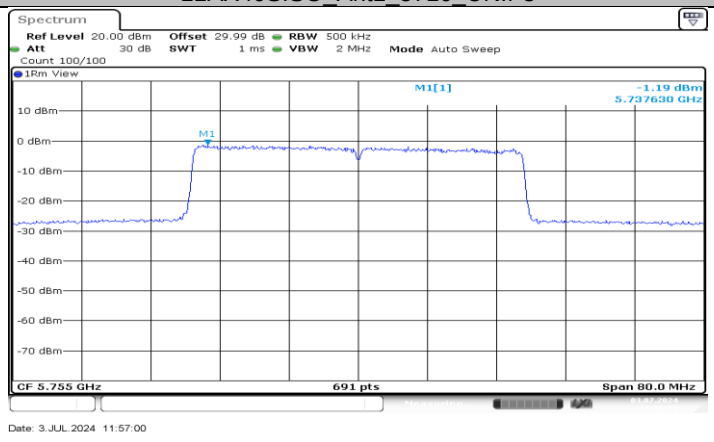
11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5710_UNII-2C



11AX40SISO_Ant1_5710_UNII-3



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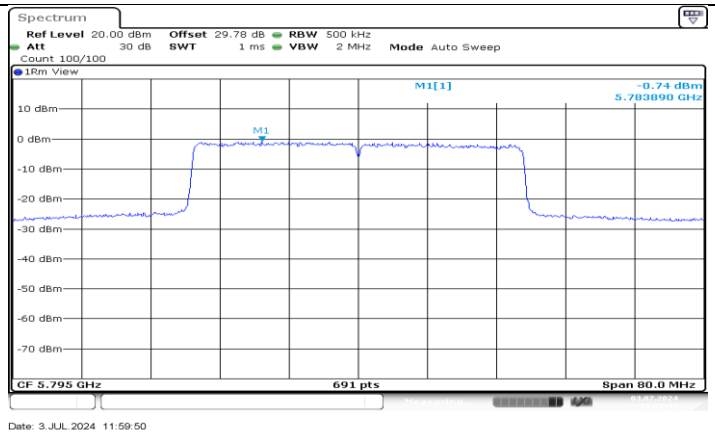


11AX40SISO_Ant1_5795

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
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)
TN	VL	5200.0150	2.89	5199.9810	-3.65	5199.9946	-1.04	5200.0056	1.07
TN	VN	5200.0091	1.75	5199.9883	-2.24	5199.9915	-1.63	5200.0063	1.21
TN	VH	5199.9950	-0.96	5200.0202	3.88	5200.0109	2.09	5199.9995	-0.10
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)
50	VN	5200.0097	1.87	5200.0144	2.76	5200.0162	3.12	5199.9887	-2.17
40	VN	5199.9933	-1.30	5199.9975	-0.48	5199.9924	-1.46	5199.9904	-1.84
30	VN	5199.9788	-4.08	5199.9817	-3.53	5199.9948	-1.01	5199.9905	-1.83
20	VN	5199.9807	-3.70	5199.9911	-1.71	5200.0229	4.41	5199.9826	-3.34
10	VN	5200.0013	0.25	5200.0022	0.43	5199.9814	-3.58	5200.0192	3.69
0	VN	5200.0211	4.05	5200.0123	2.36	5199.9804	-3.77	5199.9936	-1.24
-10	VN	5200.0183	3.52	5199.9944	-1.09	5199.9980	-0.39	5199.9759	-4.64

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.

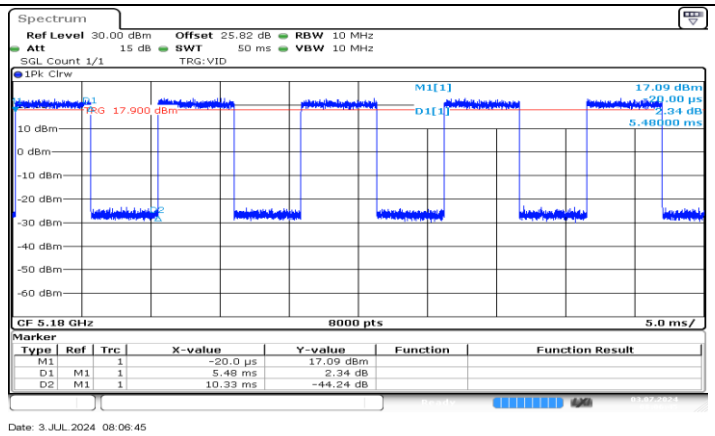
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

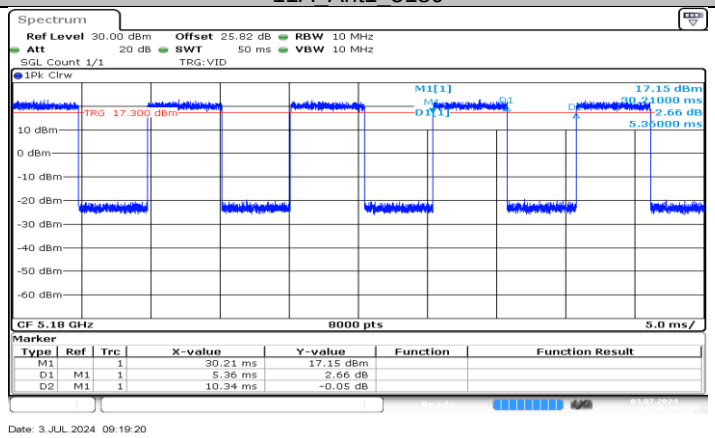
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	5.48	10.33	0.5305	53.05	2.75	0.18	1
11N20SISO	5.36	10.34	0.5184	51.84	2.85	0.19	1
11N40SISO	3.02	6.35	0.4756	47.56	3.23	0.33	1
11AX20SISO	4.65	10.33	0.4501	45.01	3.47	0.22	1
11AX40SISO	4.63	10.34	0.4478	44.78	3.49	0.22	1

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.

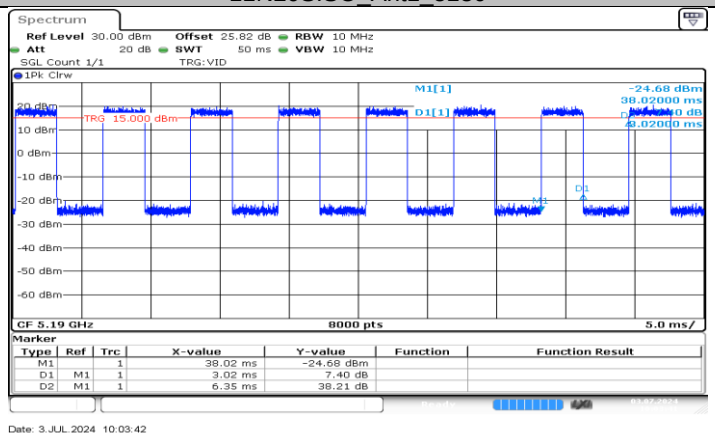
11.7.2. Test Graphs



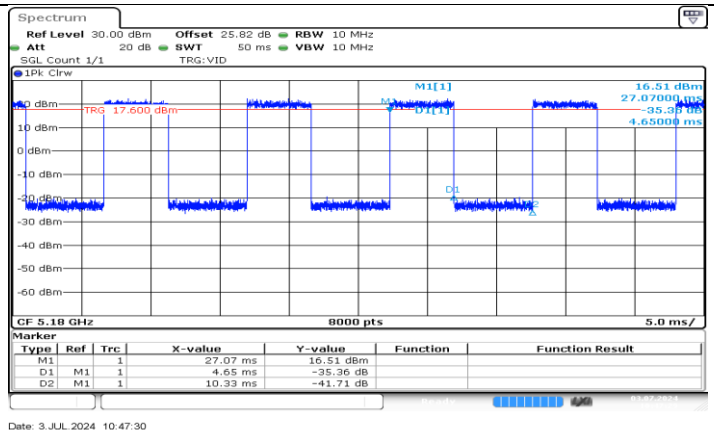
11A_Ant1_5180



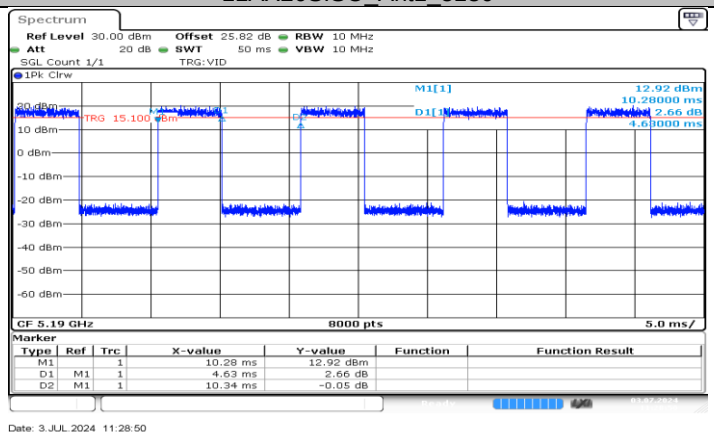
11N20SISO_Ant1_5180



11N40SISO_Ant1_5190



11AX20SISO_Ant1_5180

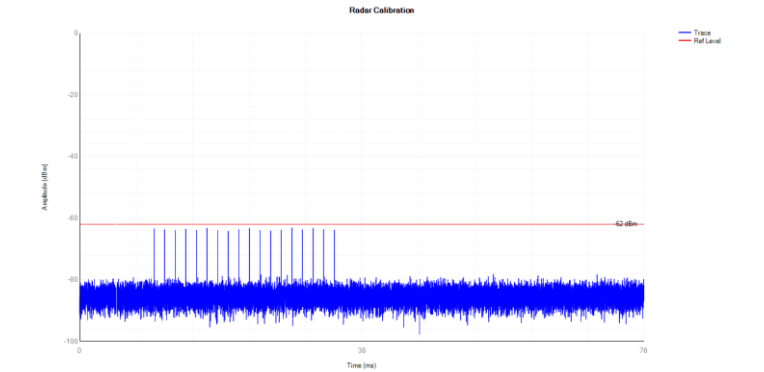


11AX40SISO_Ant1_5190

11.8. APPENDIX H: CALIBRATION

Mode	Frequency (MHz)	Type	Result	Verdict
Ax40	5510	DFS_FCC_T0	See test Graph	Pass

Test Graphs
5510MHz DFS_FCC_T0



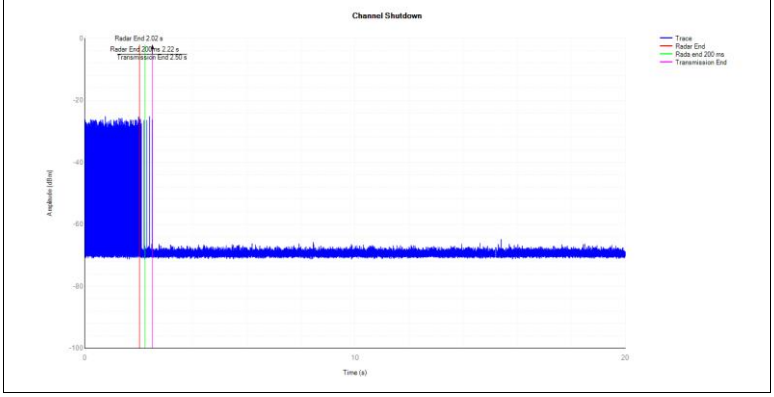
11.9. APPENDIX I: SHUTDOWN TIME

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
Ax40	5510	0.48	10	0.023	0.26	0.003	0.06	Pass

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.

Test Graphs

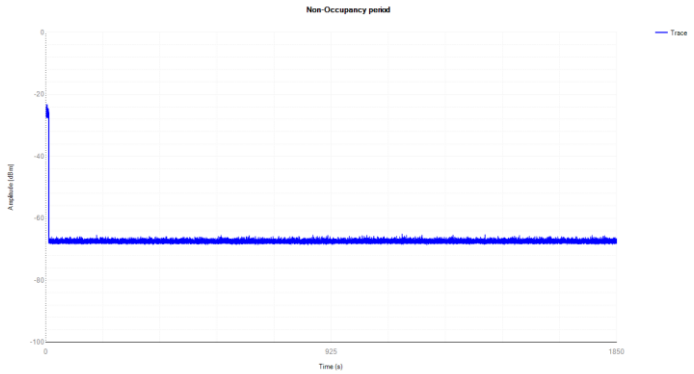
Ax40 5510MHz Shutdown



11.10. APPENDIX J: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
Ax40	5510	See test Graph	Pass

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.

Test Graphs
Ax40 5510MHz Non-Occupancy


END OF REPORT