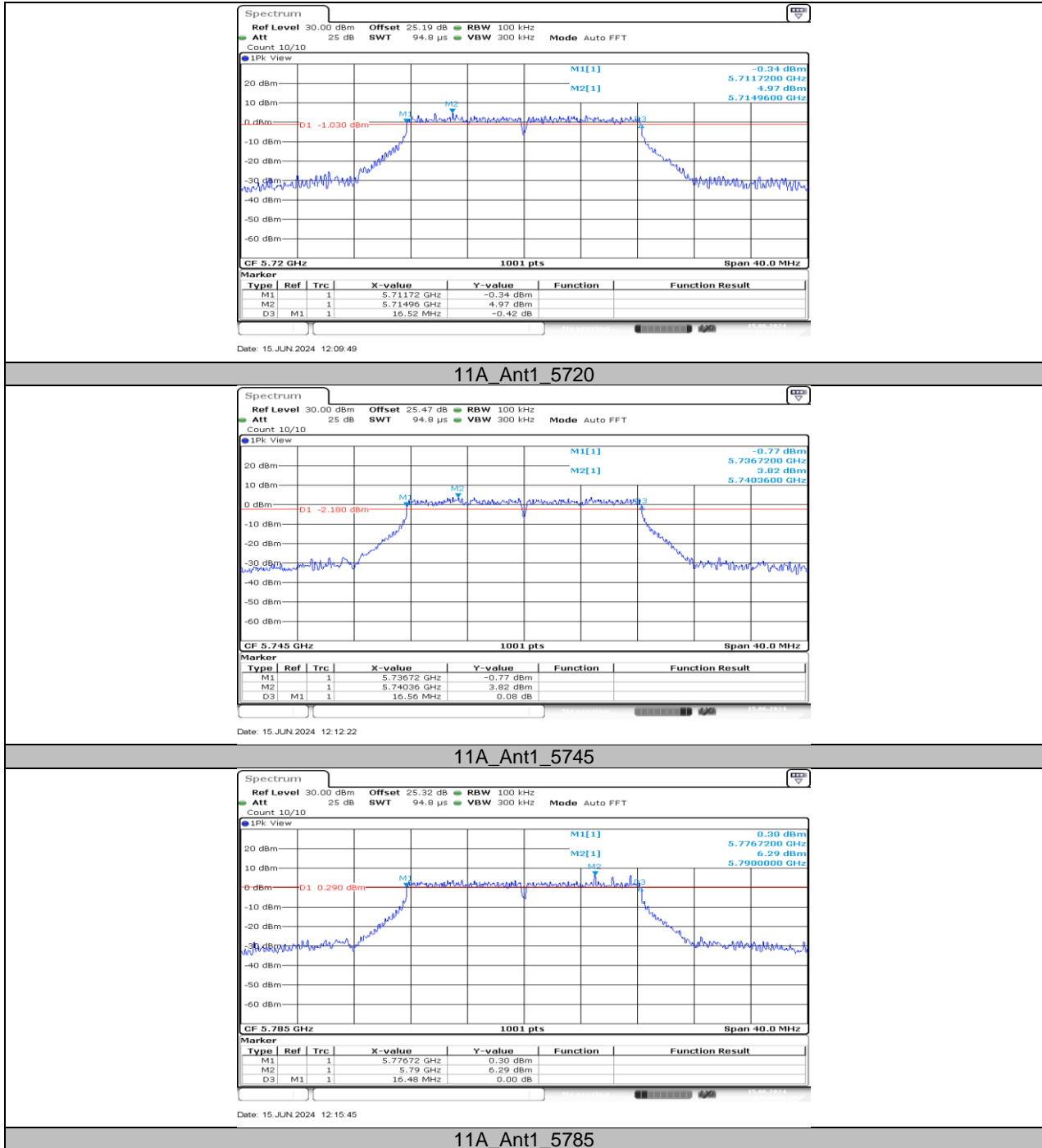
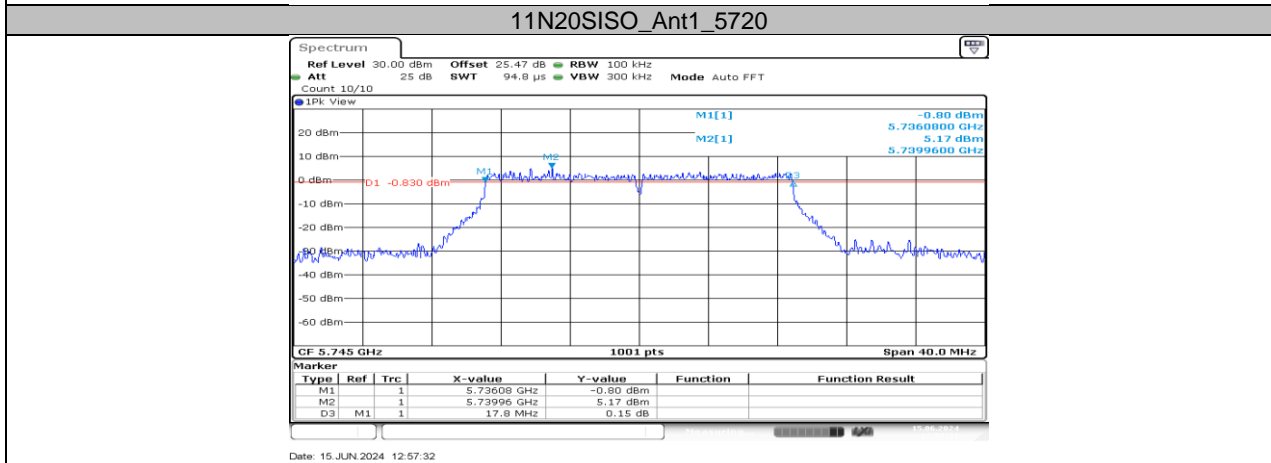
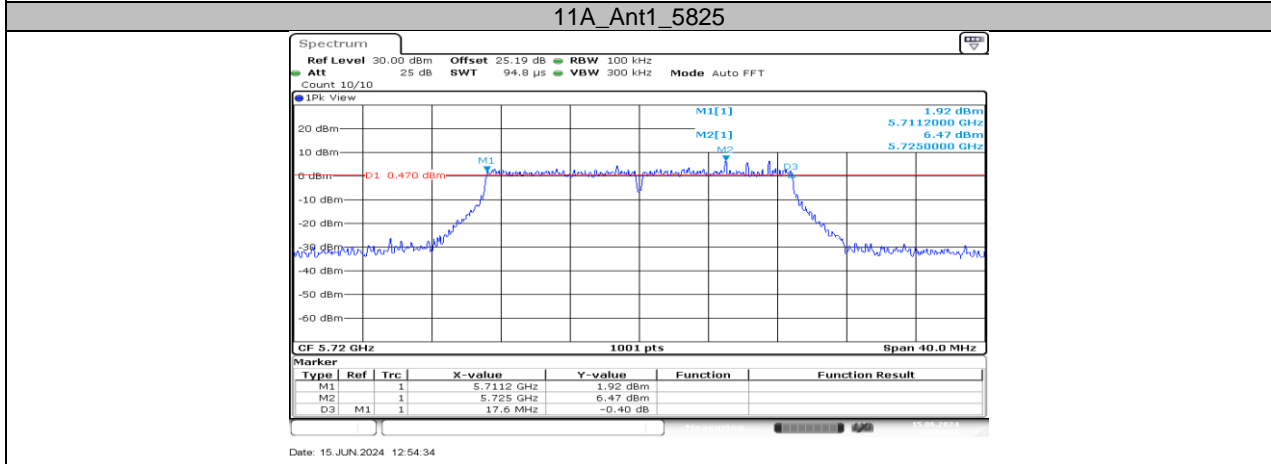
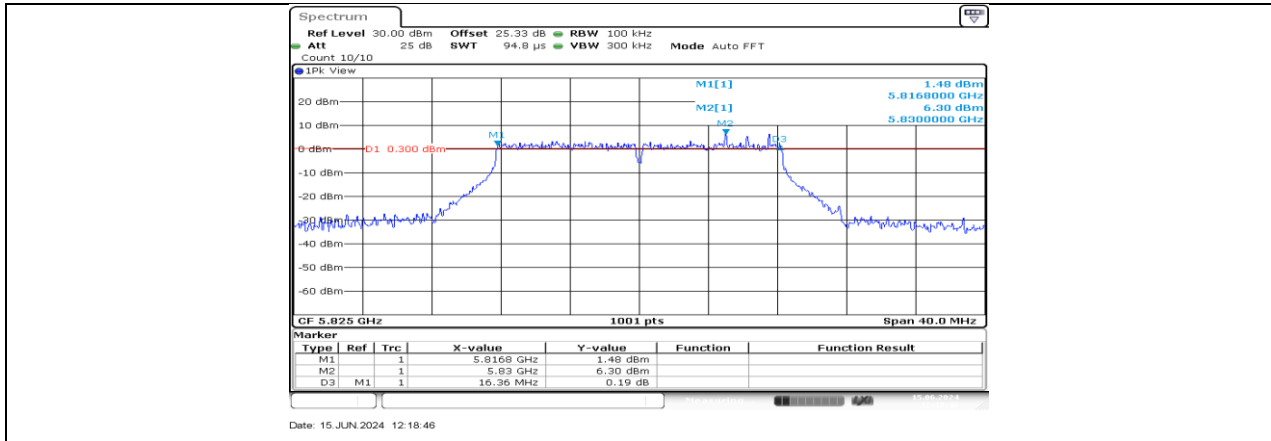
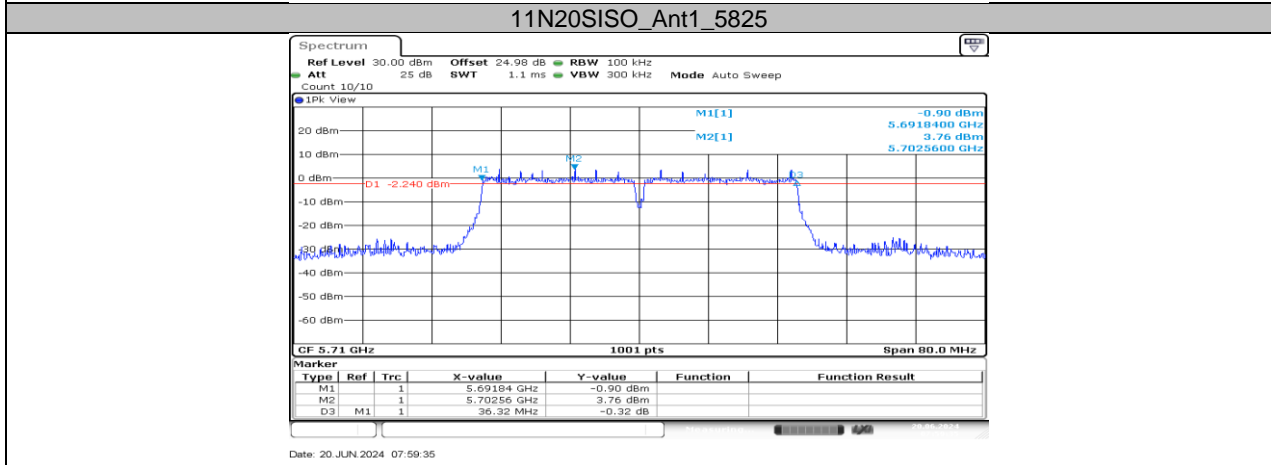
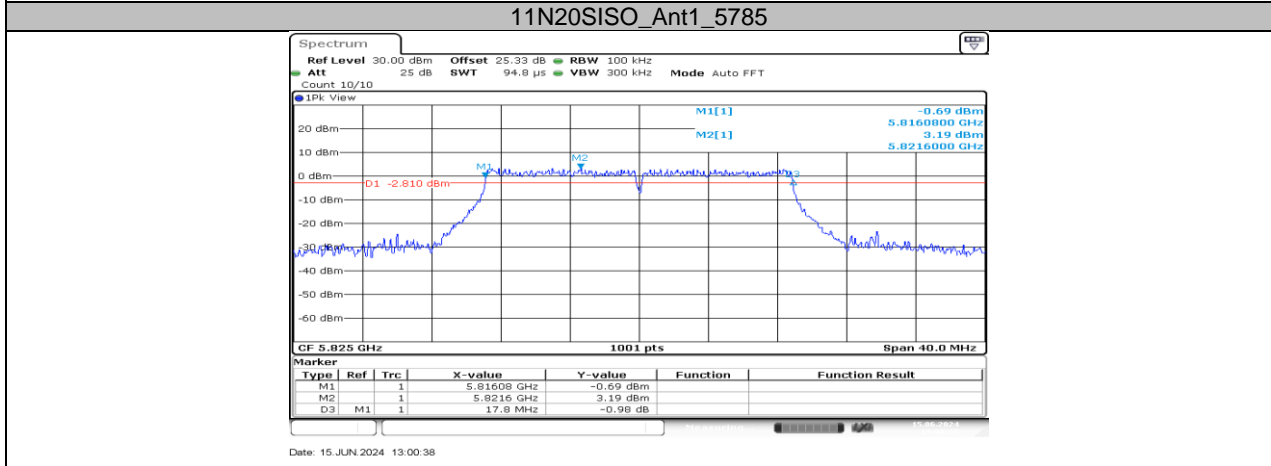
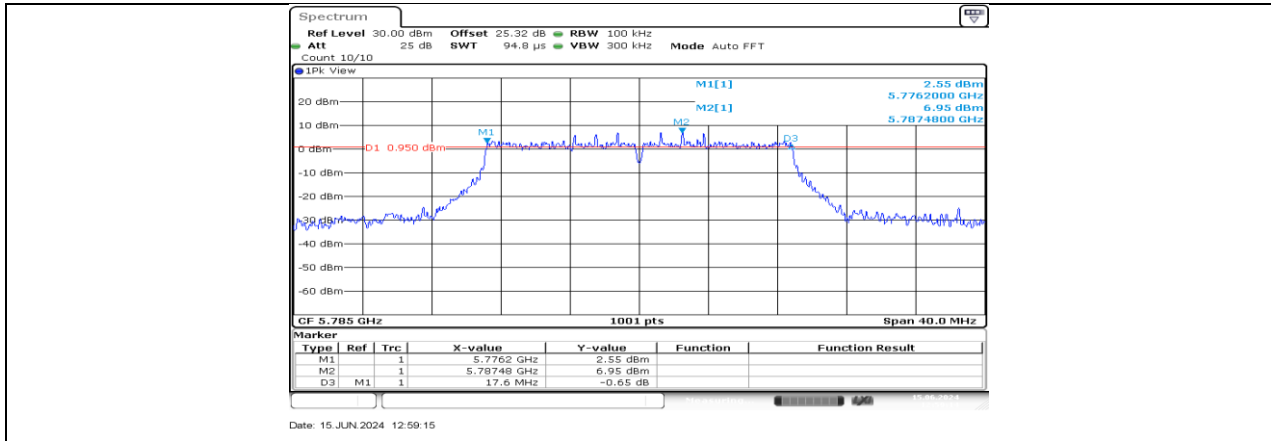


11.3.2. Test Graphs

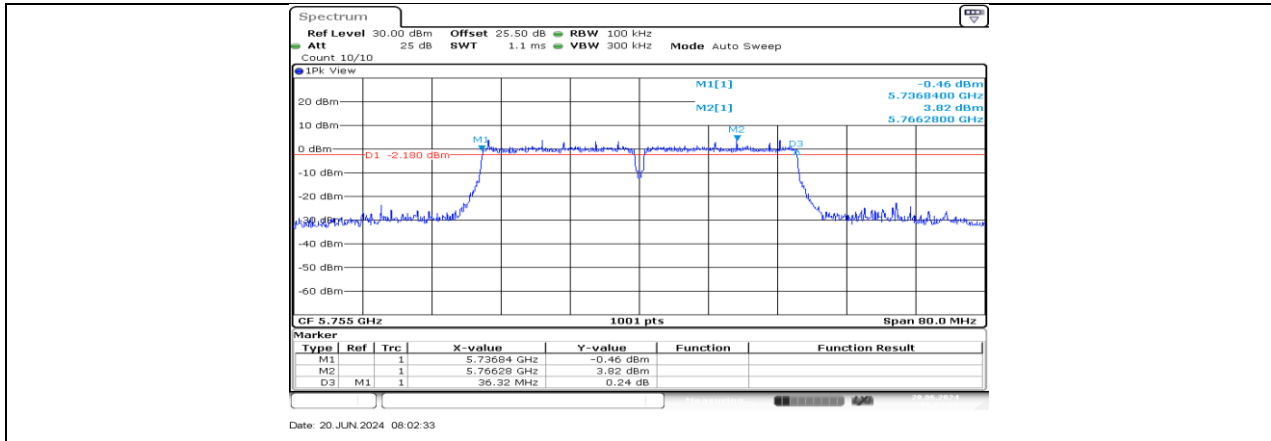




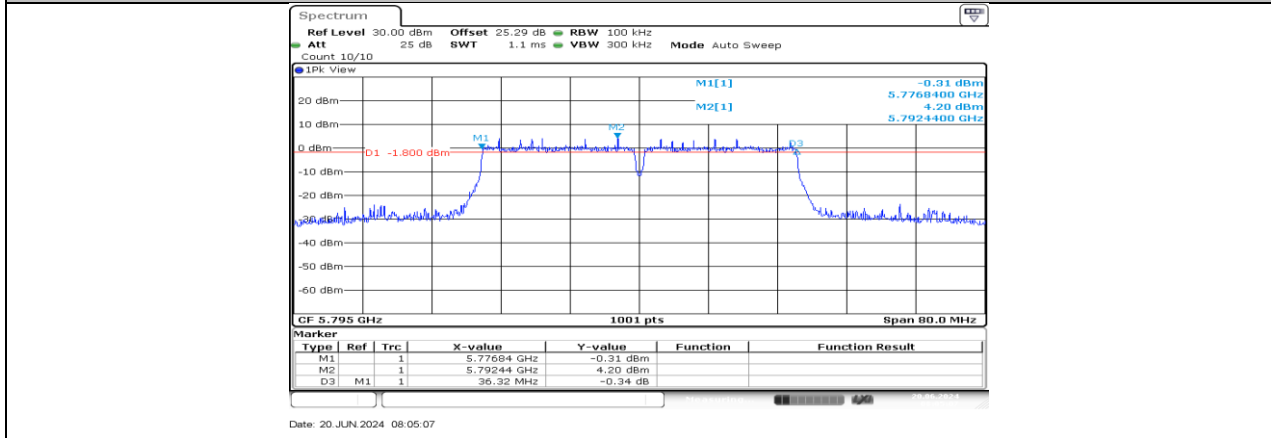
11N20SISO_Ant1_5745



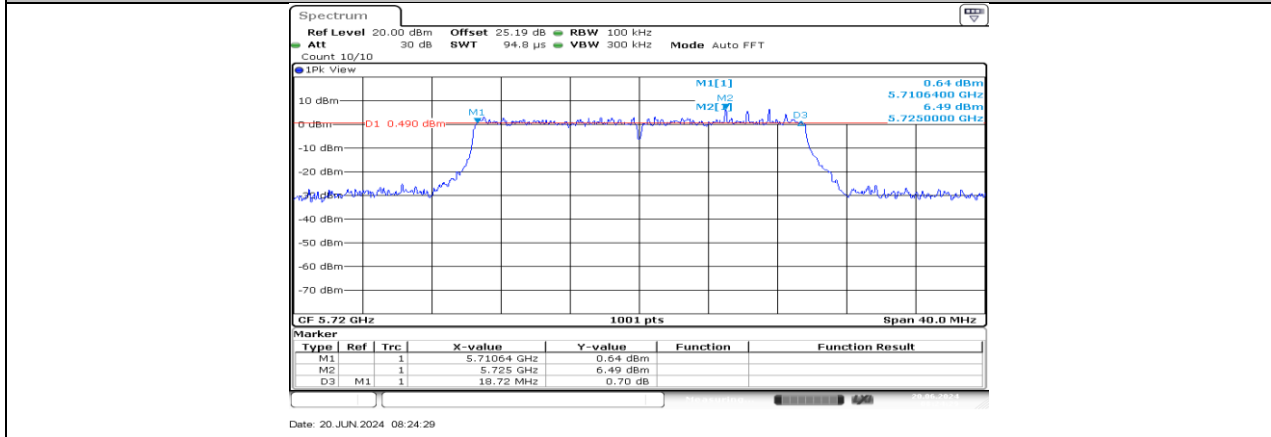
11N40SISO_Ant1_5710



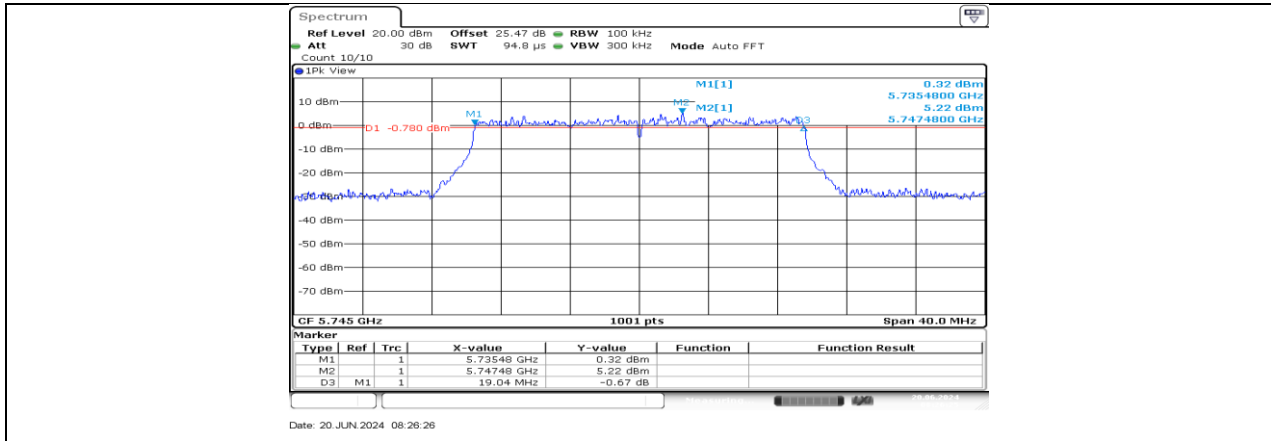
11N40SISO_Ant1_5755



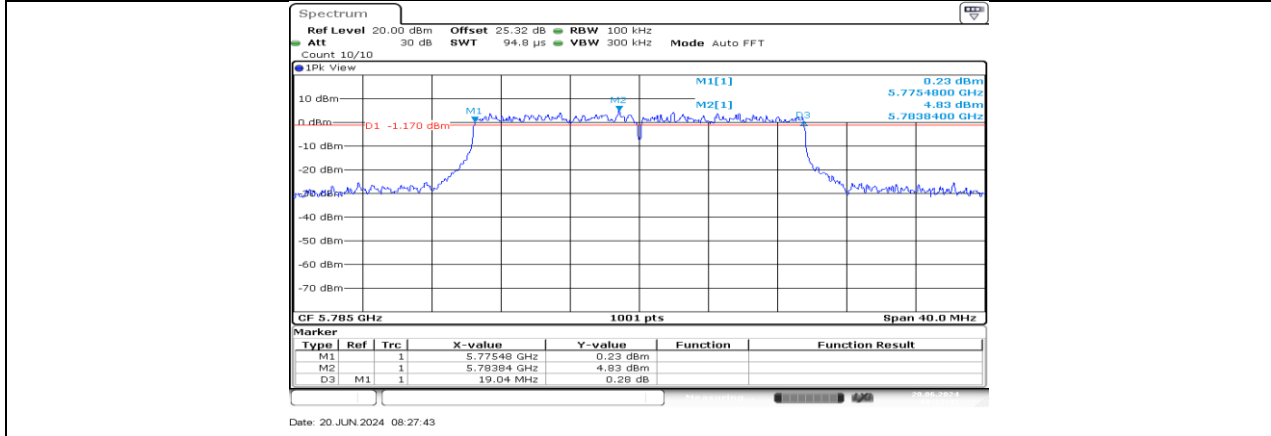
11N40SISO_Ant1_5795



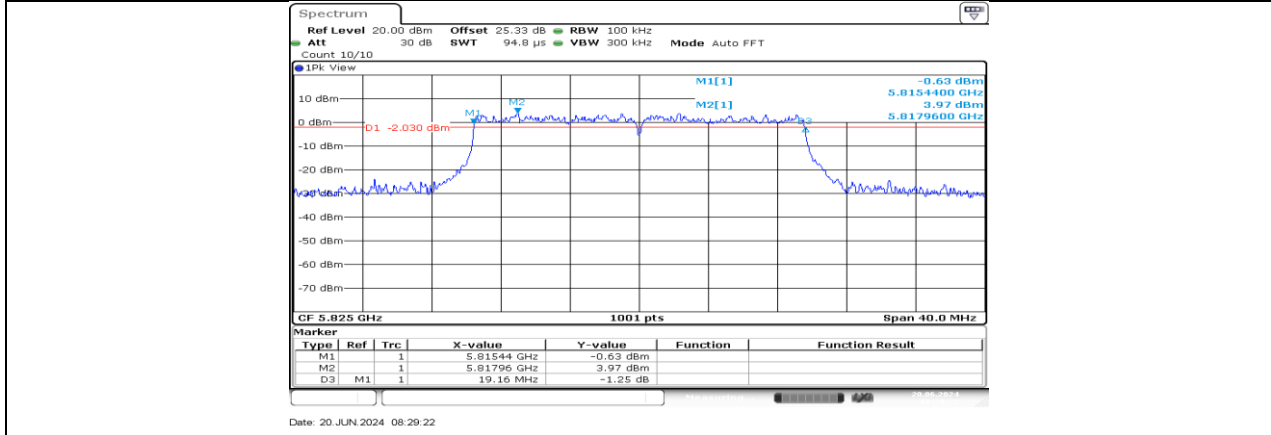
11AX20SISO_Ant1_5720



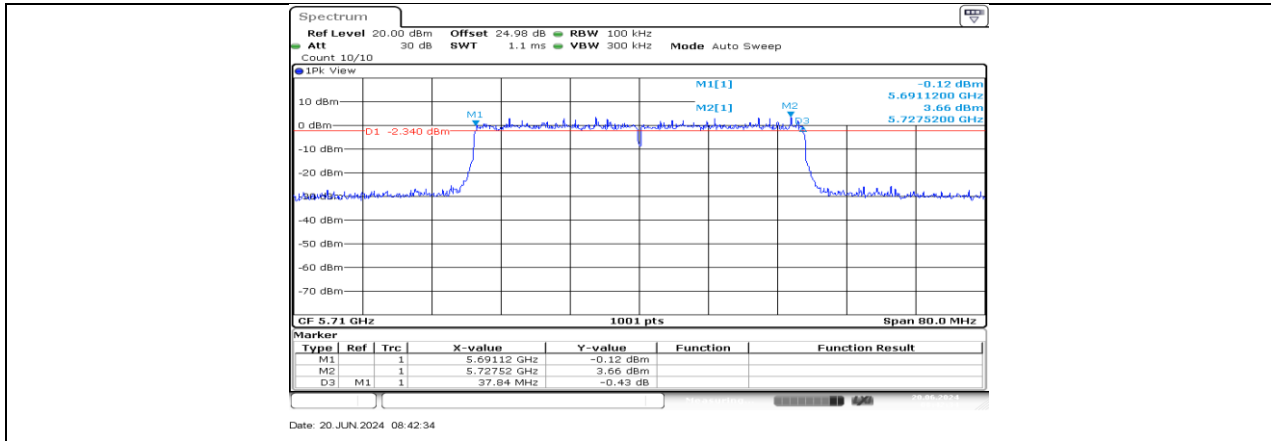
11AX20SISO_Ant1_5745



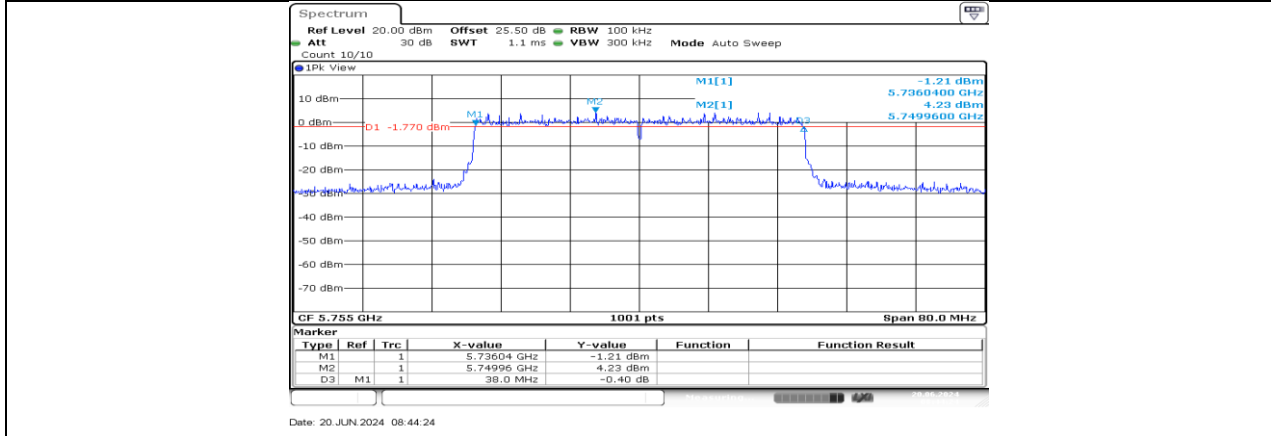
11AX20SISO_Ant1_5785



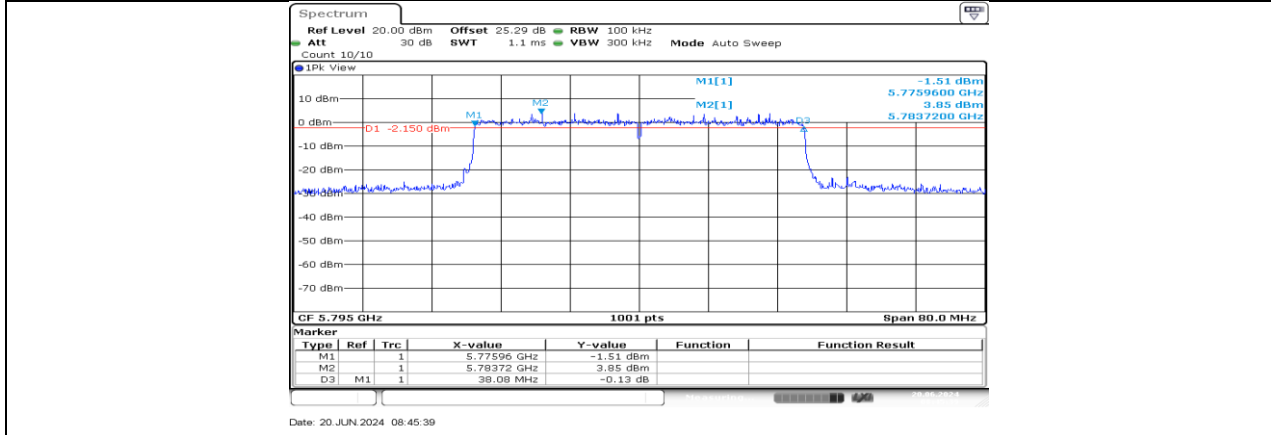
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5710



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

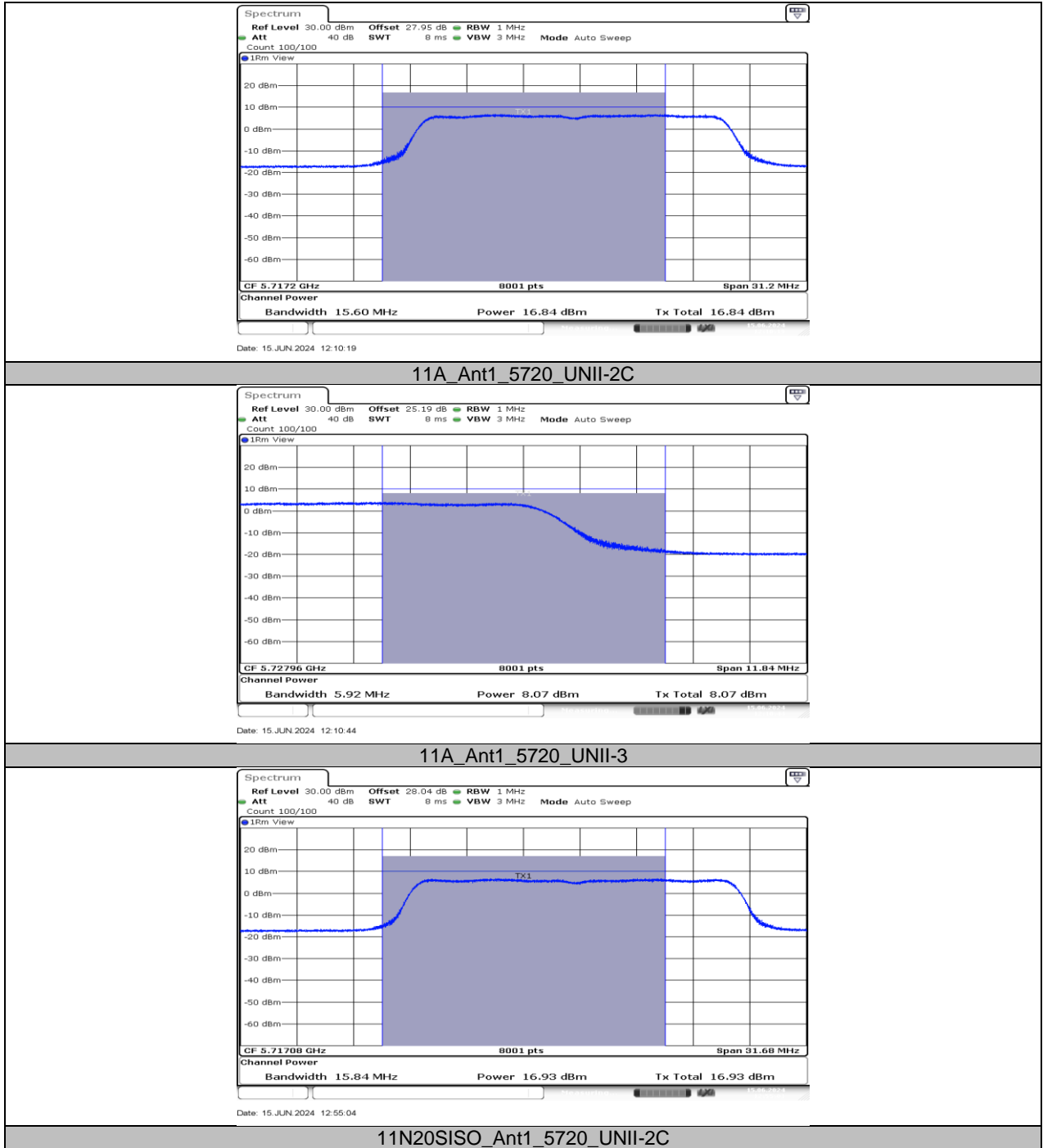
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	17.39	≤23.98	---	19.96	≤22.58	PASS
		5200	17.72	≤23.98	---	20.29	≤22.59	PASS
		5240	17.52	≤23.98	---	20.09	≤22.62	PASS
		5260	17.29	≤23.98	≤23.67	19.86	≤29.67	PASS
		5280	17.32	≤23.98	≤23.69	19.89	≤29.69	PASS
		5320	16.91	≤23.98	≤23.72	19.48	≤29.72	PASS
		5500	17.95	≤23.98	≤23.64	20.52	≤29.64	PASS
		5580	18.14	≤23.98	≤23.57	20.71	≤29.57	PASS
		5700	17.59	≤23.98	≤23.60	20.16	≤29.60	PASS
		5720_UNII-2C	16.84	≤22.93	≤22.48	19.41	≤28.48	PASS
		5720_UNII-3	8.07	≤30.00	≤30.00	10.64	---	PASS
		5745	17.89	≤30.00	≤30.00	20.46	---	PASS
		5785	18.18	≤30.00	≤30.00	20.75	---	PASS
		5825	17.76	≤30.00	≤30.00	20.33	---	PASS
11N20SISO	Ant1	5180	18.35	≤23.98	---	20.92	≤22.76	PASS
		5200	17.87	≤23.98	---	20.44	≤22.75	PASS
		5240	17.68	≤23.98	---	20.25	≤22.77	PASS
		5260	16.41	≤23.98	≤23.78	18.98	≤29.78	PASS
		5280	16.46	≤23.98	≤23.78	19.03	≤29.78	PASS
		5320	15.97	≤23.98	≤23.79	18.54	≤29.79	PASS
		5500	18.26	≤23.98	≤23.77	20.83	≤29.77	PASS
		5580	17.46	≤23.98	≤23.76	20.03	≤29.76	PASS
		5700	17.88	≤23.98	≤23.75	20.45	≤29.75	PASS
		5720_UNII-2C	16.93	≤23.00	≤22.60	19.50	≤28.60	PASS
		5720_UNII-3	8.71	≤30.00	≤30.00	11.28	---	PASS
		5745	18.20	≤30.00	≤30.00	20.77	---	PASS
		5785	18.43	≤30.00	≤30.00	21.00	---	PASS
		5825	18.01	≤30.00	≤30.00	20.58	---	PASS
11N40SISO	Ant1	5190	16.55	≤23.98	---	19.12	≤23.00	PASS
		5230	16.32	≤23.98	---	18.89	≤23.00	PASS
		5270	14.06	≤23.98	≤23.98	16.63	≤30.00	PASS
		5310	14.69	≤23.98	≤23.98	17.26	≤30.00	PASS
		5510	16.61	≤23.98	≤23.98	19.18	≤30.00	PASS
		5550	16.02	≤23.98	≤23.98	18.59	≤30.00	PASS
		5670	16.31	≤23.98	≤23.98	18.88	≤30.00	PASS
		5710_UNII-2C	15.53	≤23.98	≤23.98	18.10	≤30.00	PASS
		5710_UNII-3	2.71	≤30.00	≤30.00	5.28	---	PASS
		5755	18.69	≤30.00	≤30.00	21.26	---	PASS
		5795	18.39	≤30.00	≤30.00	20.96	---	PASS
11AX20SISO	Ant1	5180	17.59	≤23.98	---	20.16	≤22.89	PASS
		5200	17.14	≤23.98	---	19.71	≤22.91	PASS
		5240	16.92	≤23.98	---	19.49	≤22.89	PASS
		5260	15.39	≤23.98	≤23.91	17.96	≤29.91	PASS
		5280	15.45	≤23.98	≤23.89	18.02	≤29.89	PASS
		5320	15.89	≤23.98	≤23.89	18.46	≤29.89	PASS
		5500	17.70	≤23.98	≤23.92	20.27	≤29.92	PASS
		5580	16.41	≤23.98	≤23.91	18.98	≤29.91	PASS
		5700	15.76	≤23.98	≤23.89	18.33	≤29.89	PASS
		5720_UNII-2C	15.00	≤23.11	≤22.68	17.57	≤28.68	PASS
		5720_UNII-3	6.58	≤30.00	≤30.00	9.15	---	PASS
		5745	18.36	≤30.00	≤30.00	20.93	---	PASS
		5785	18.70	≤30.00	≤30.00	21.27	---	PASS
		5825	18.34	≤30.00	≤30.00	20.91	---	PASS
11AX40SISO	Ant1	5190	16.02	≤23.98	---	18.59	≤23	PASS

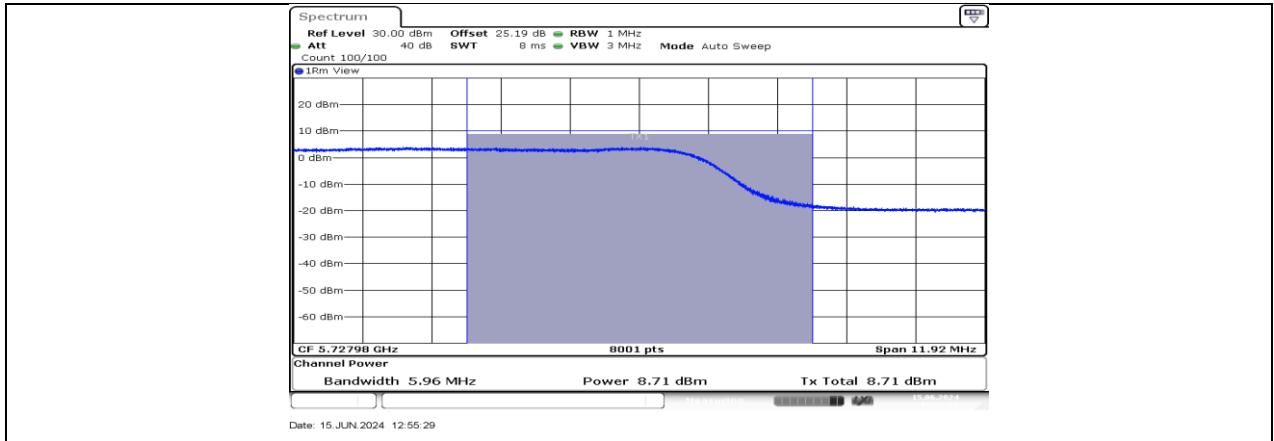
		5230	15.74	≤23.98	---	18.31	≤23	PASS
		5270	13.99	≤23.98	≤23.98	16.56	≤30.00	PASS
		5310	14.58	≤23.98	≤23.98	17.15	≤30.00	PASS
		5510	16.53	≤23.98	≤23.98	19.10	≤30.00	PASS
		5550	15.91	≤23.98	≤23.98	18.48	≤30.00	PASS
		5670	18.01	≤23.98	≤23.98	20.58	≤30.00	PASS
		5710_UNII-2C	17.63	≤23.98	≤23.98	20.20	≤30.00	PASS
		5710_UNII-3	4.81	≤30.00	≤30.00	7.38	---	PASS
		5755	18.91	≤30.00	≤30.00	21.48	---	PASS
		5795	18.62	≤30.00	≤30.00	21.19	---	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

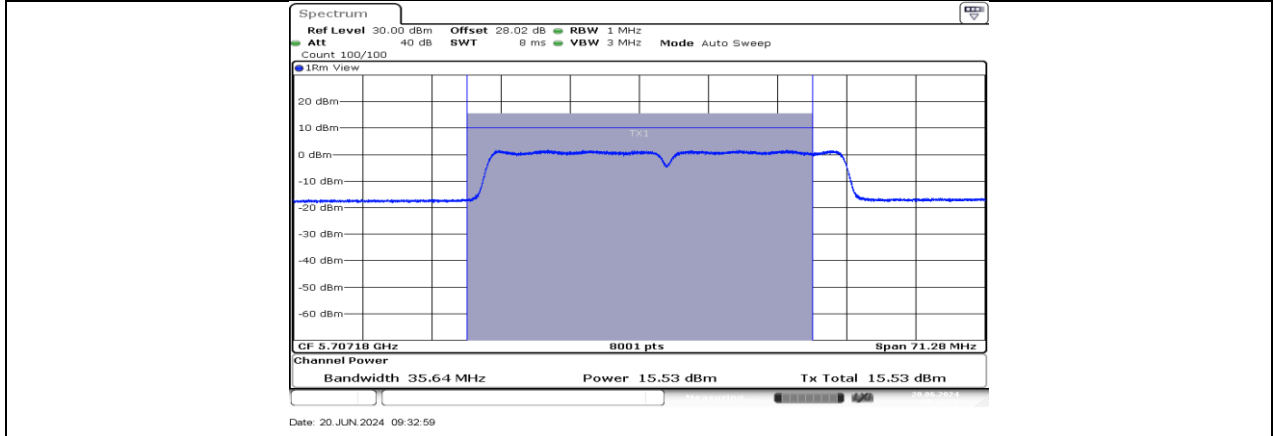
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

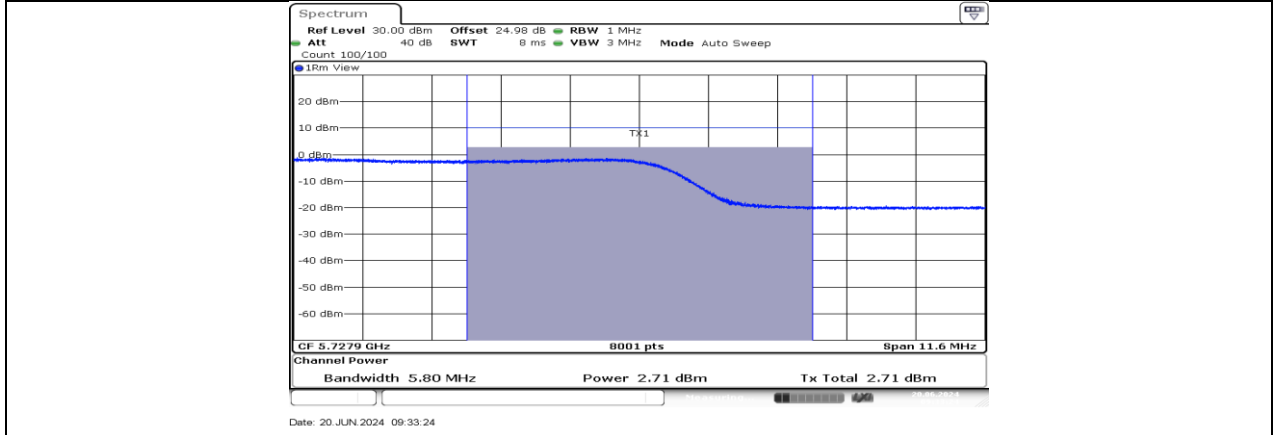




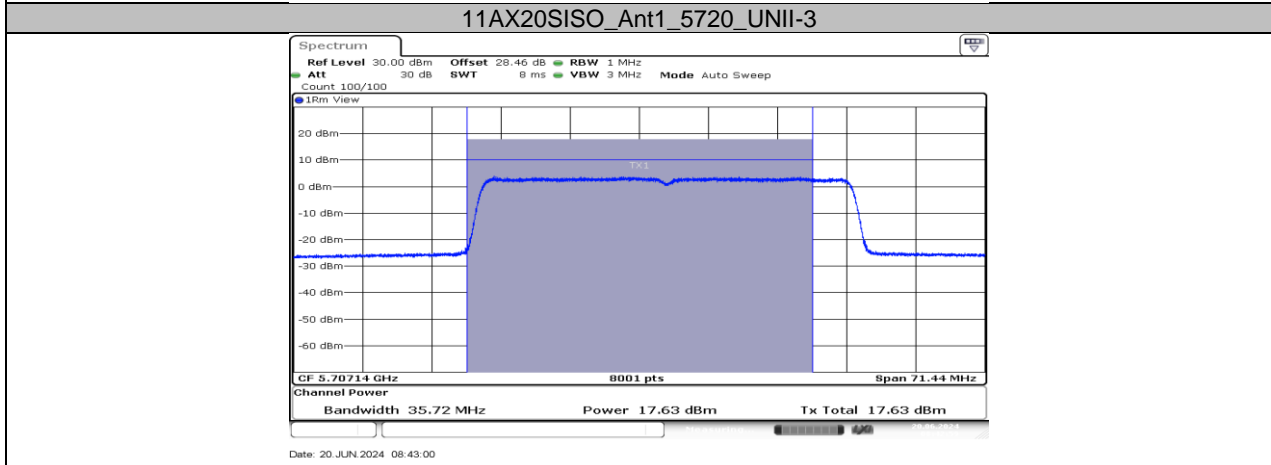
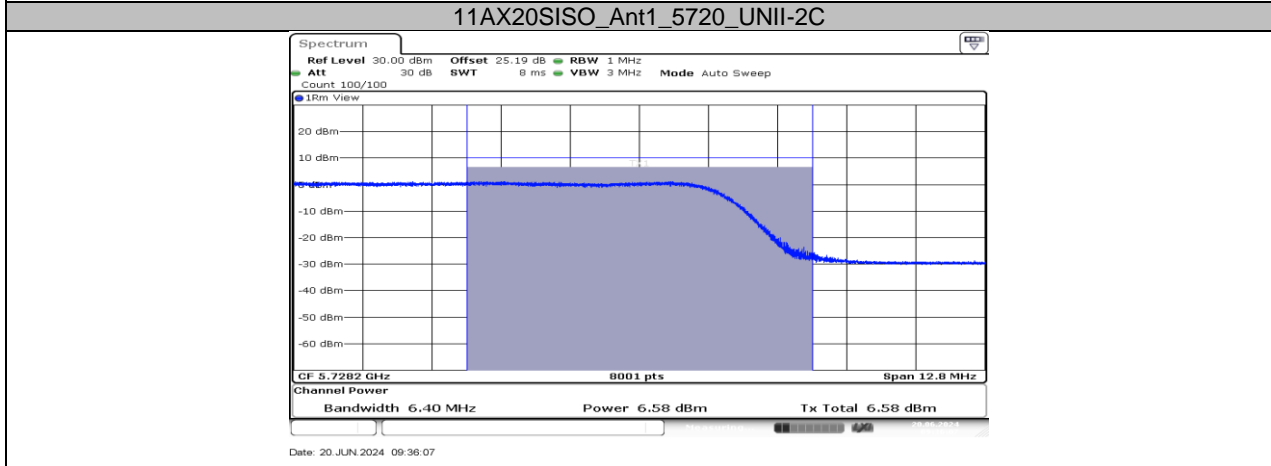
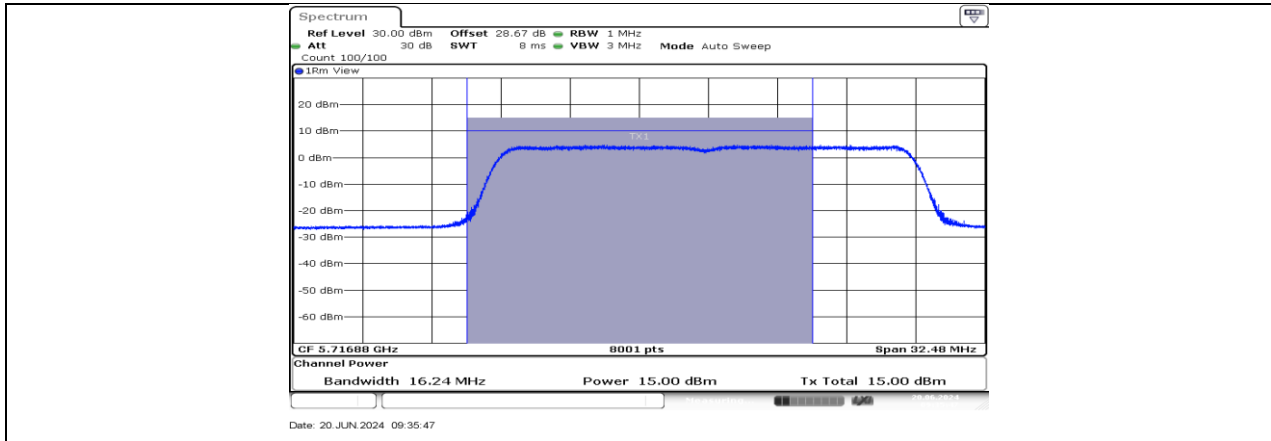
11N20SISO_Ant1_5720_UNII-3



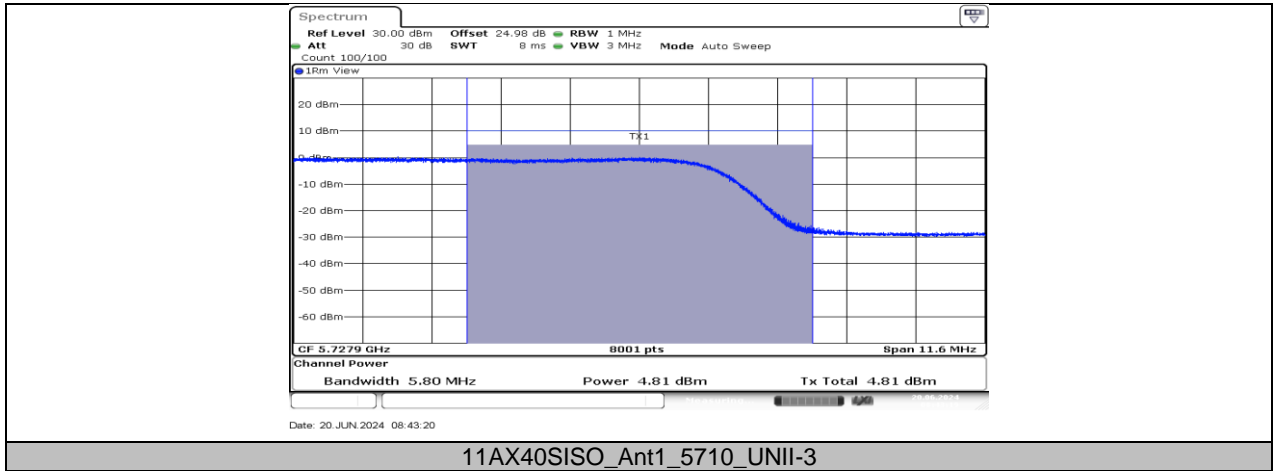
11N40SISO_Ant1_5710_UNII-2C



11N40SISO_Ant1_5710_UNII-3



11AX40SISO_Ant1_5710_UNII-2C



11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

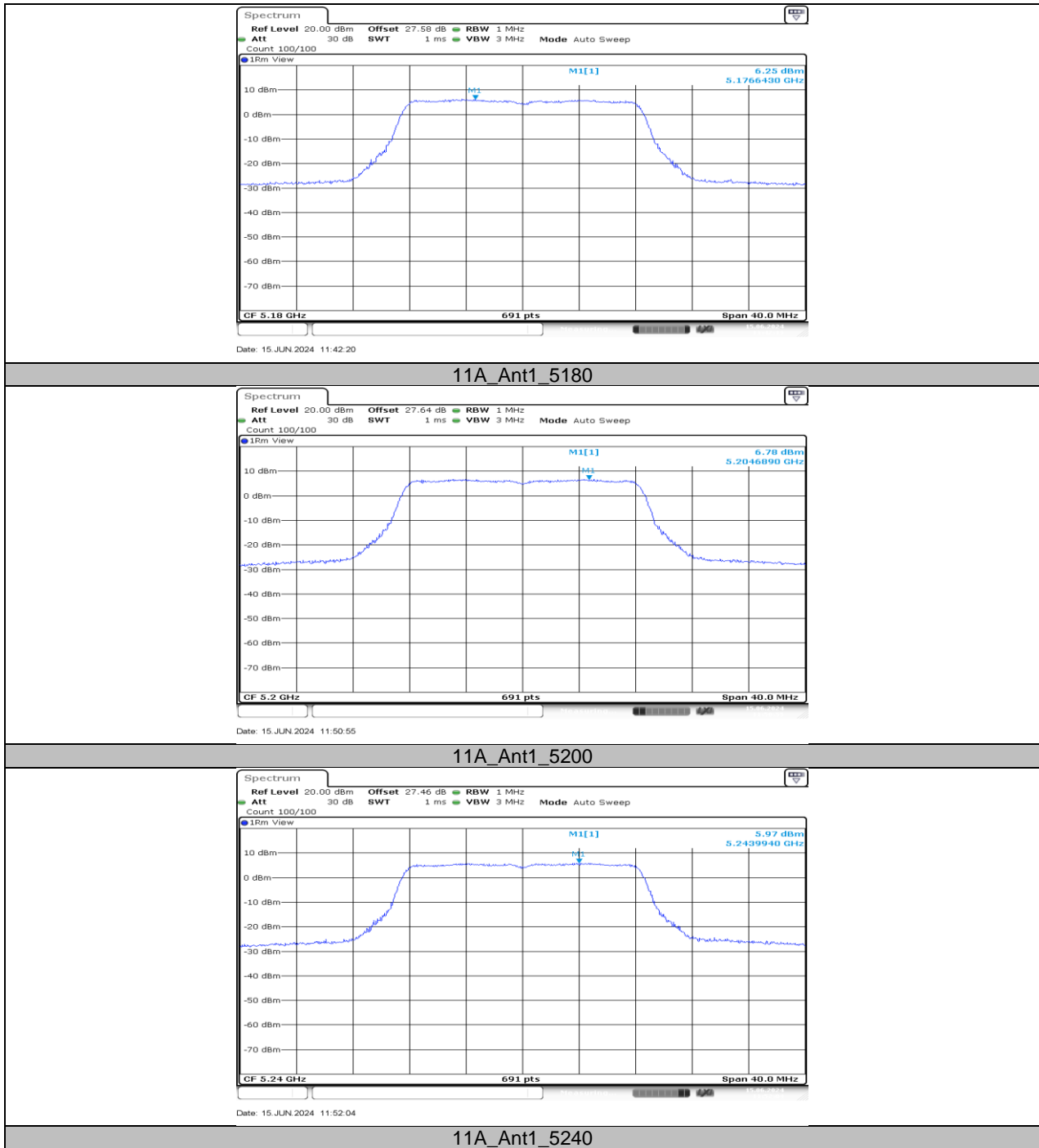
11.5.1. Test Result

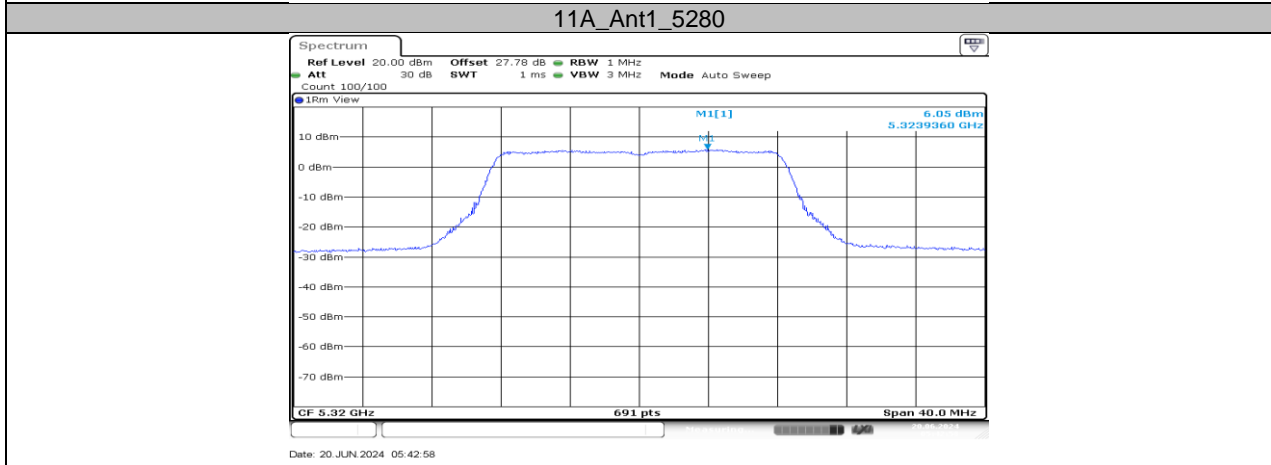
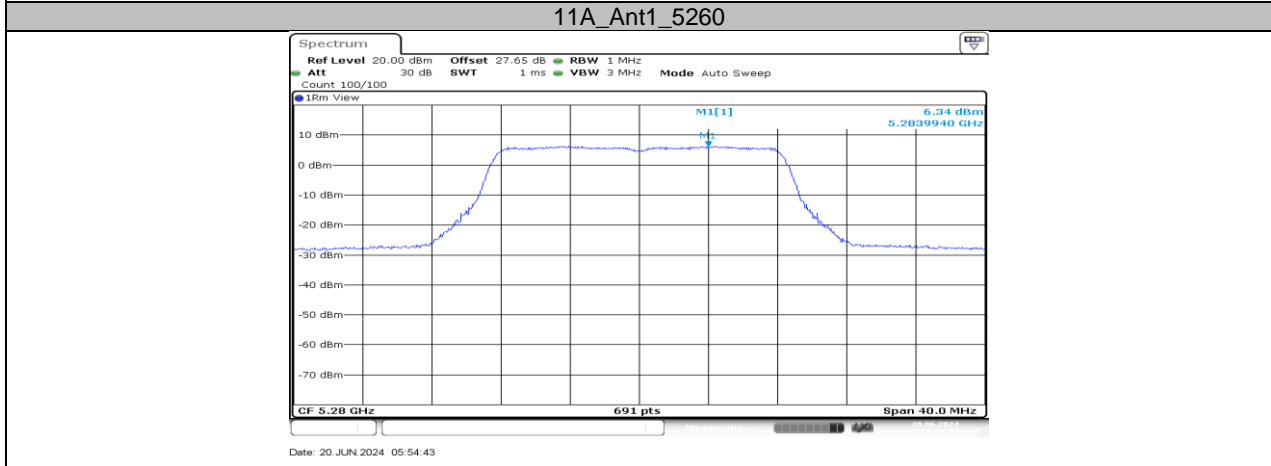
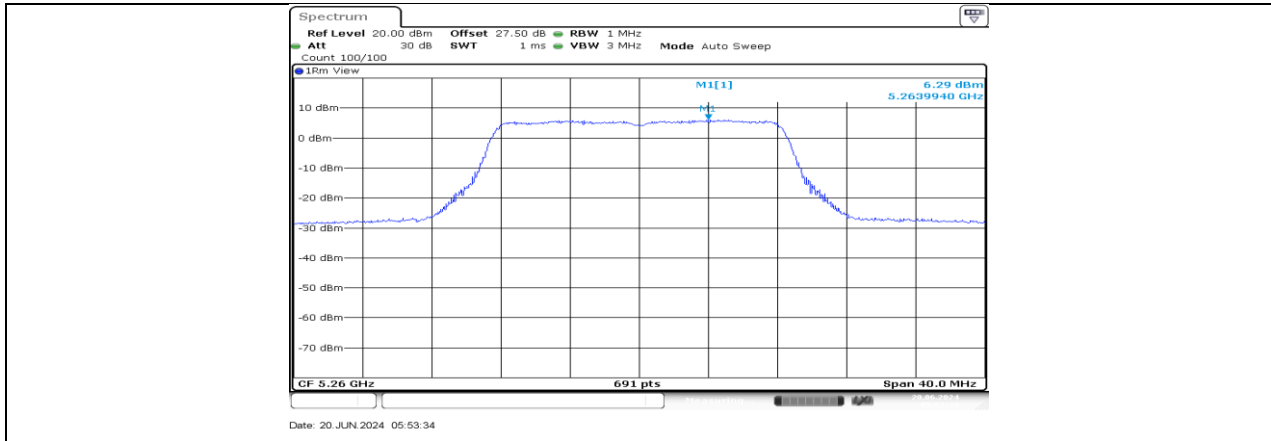
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	6.25	---	8.82	≤10.00	PASS
		5200	6.78	---	9.35	≤10.00	PASS
		5240	5.97	---	8.54	≤10.00	PASS
		5260	6.29	≤11.00	8.86	---	PASS
		5280	6.34	≤11.00	8.91	---	PASS
		5320	6.05	≤11.00	8.62	---	PASS
		5500	6.28	≤11.00	8.85	---	PASS
		5580	7.44	≤11.00	10.01	---	PASS
		5700	6.41	≤11.00	8.98	---	PASS
		5720_UNII-2C	7.09	≤11.00	9.66	---	PASS
		5720_UNII-3	2.60	≤30.00	5.17	---	PASS
		5745	4.15	≤30.00	6.72	---	PASS
		5785	3.33	≤30.00	5.90	---	PASS
		5825	3.36	≤30.00	5.93	---	PASS
11N20SISO	Ant1	5180	6.77	---	9.34	≤10.00	PASS
		5200	6.32	---	8.89	≤10.00	PASS
		5240	5.91	---	8.48	≤10.00	PASS
		5260	4.56	≤11.00	7.13	---	PASS
		5280	4.70	≤11.00	7.27	---	PASS
		5320	4.17	≤11.00	6.74	---	PASS
		5500	7.20	≤11.00	9.77	---	PASS
		5580	6.30	≤11.00	8.87	---	PASS
		5700	5.76	≤11.00	8.33	---	PASS
		5720_UNII-2C	7.22	≤11.00	9.79	---	PASS
		5720_UNII-3	4.07	≤30.00	6.64	---	PASS
		5745	4.09	≤30.00	6.66	---	PASS
		5785	4.38	≤30.00	6.95	---	PASS
		5825	3.32	≤30.00	5.89	---	PASS
11N40SISO	Ant1	5190	2.31	---	4.88	≤10.00	PASS
		5230	1.67	---	4.24	≤10.00	PASS
		5270	-0.36	≤11.00	2.21	---	PASS
		5310	0.10	≤11.00	2.67	---	PASS
		5510	2.84	≤11.00	5.41	---	PASS
		5550	1.02	≤11.00	3.59	---	PASS
		5670	1.69	≤11.00	4.26	---	PASS
		5710_UNII-2C	0.73	≤11.00	3.30	---	PASS
		5710_UNII-3	-1.42	≤30.00	1.15	---	PASS
		5755	1.93	≤30.00	4.50	---	PASS
5795	0.54	≤30.00	3.11	---	PASS		
11AX20SISO	Ant1	5180	5.86	---	8.43	≤10.00	PASS
		5200	5.39	---	7.96	≤10.00	PASS
		5240	5.03	---	7.60	≤10.00	PASS
		5260	3.66	≤11.00	6.23	---	PASS
		5280	3.48	≤11.00	6.05	---	PASS
		5320	4.25	≤11.00	6.82	---	PASS
		5500	6.43	≤11.00	9.00	---	PASS
		5580	4.93	≤11.00	7.50	---	PASS
		5700	3.67	≤11.00	6.24	---	PASS
		5720_UNII-2C	4.65	≤11.00	7.22	---	PASS
		5720_UNII-3	2.37	≤30.00	4.94	---	PASS
		5745	4.75	≤30.00	7.32	---	PASS
		5785	4.38	≤30.00	6.95	---	PASS
		5825	3.57	≤30.00	6.14	---	PASS
11AX40SISO	Ant1	5190	1.61	---	4.18	≤10.00	PASS
		5230	1.06	---	3.63	≤10.00	PASS

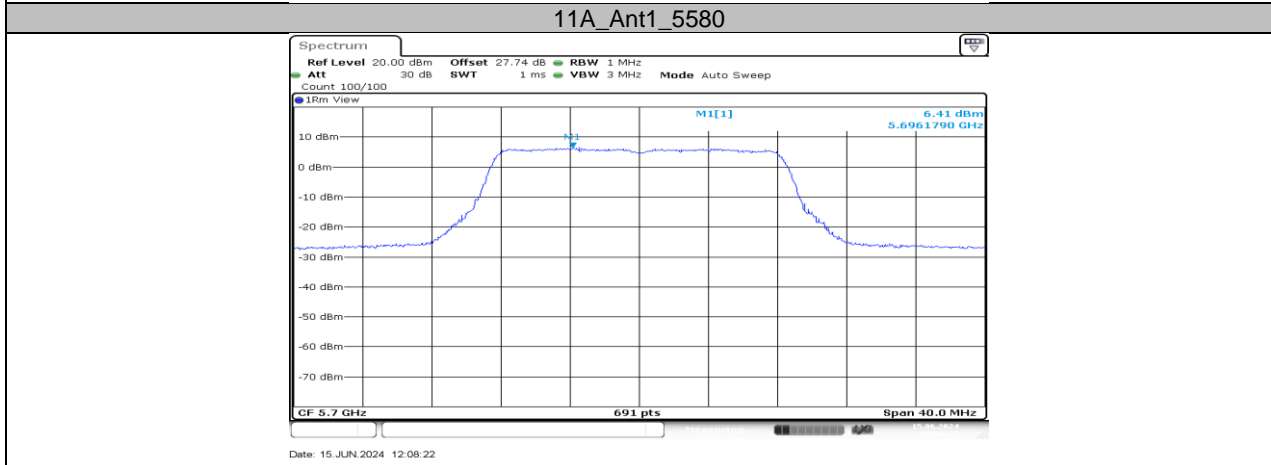
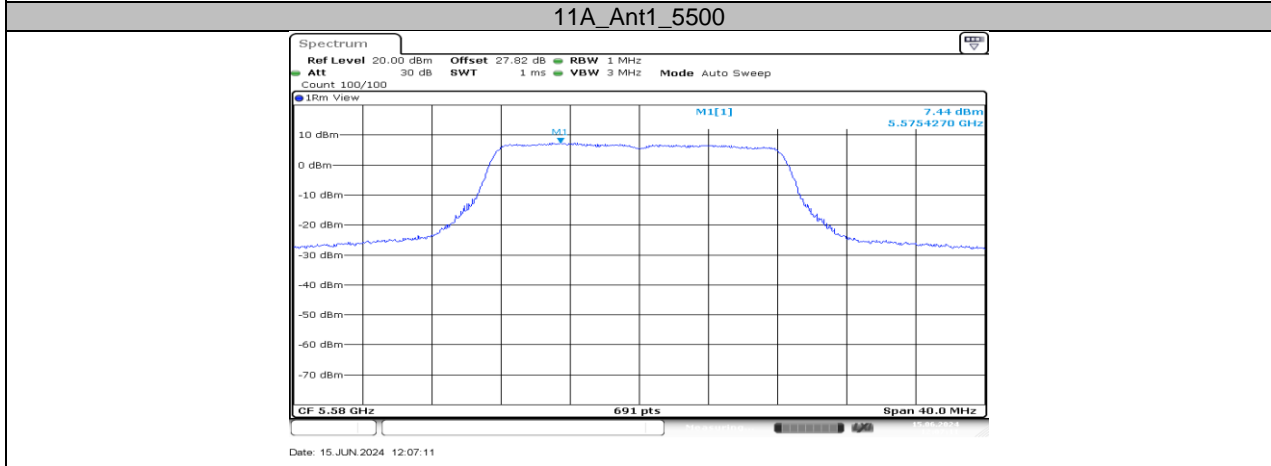
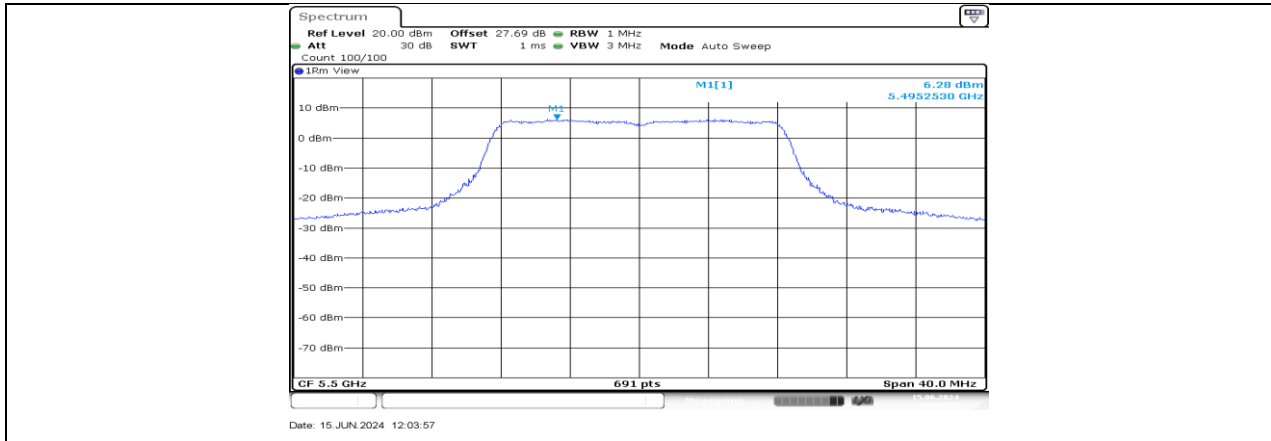
		5270	-0.62	≤11.00	1.95	---	PASS
		5310	-0.24	≤11.00	2.33	---	PASS
		5510	2.17	≤11.00	4.74	---	PASS
		5550	0.83	≤11.00	3.40	---	PASS
		5670	3.65	≤11.00	6.22	---	PASS
		5710_UNII-2C	3.21	≤11.00	5.78	---	PASS
		5710_UNII-3	-0.22	≤30.00	2.35	---	PASS
		5755	1.13	≤30.00	3.70	---	PASS
		5795	1.62	≤30.00	4.19	---	PASS

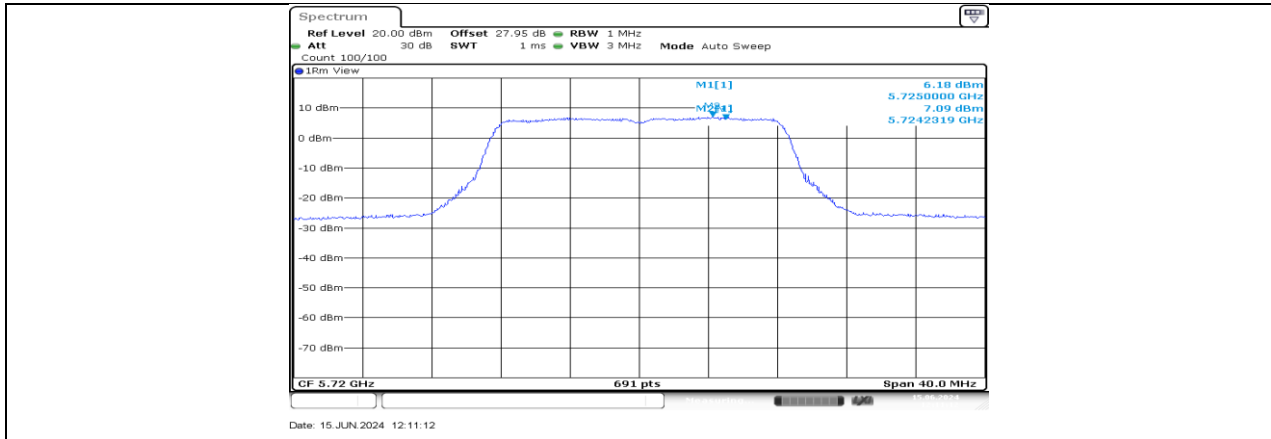
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs

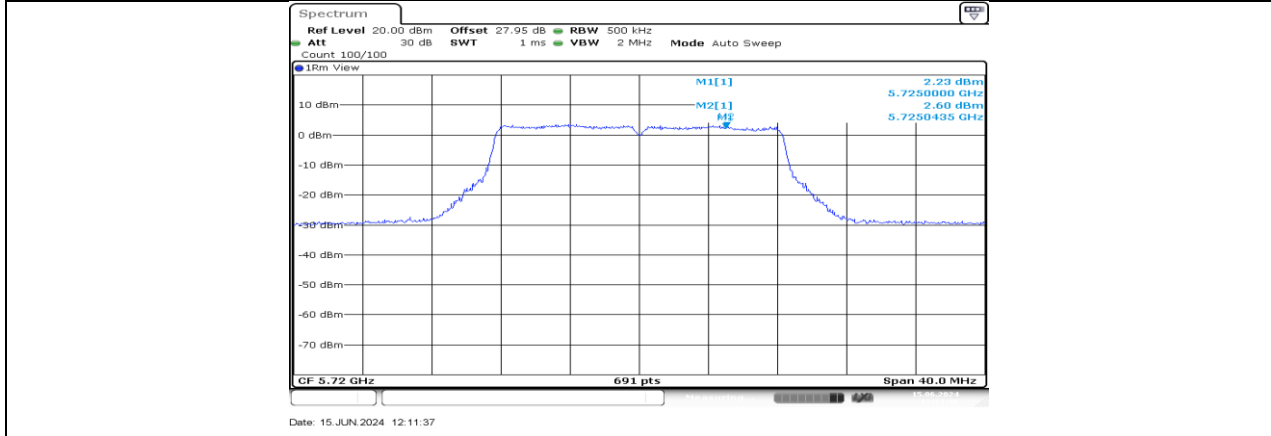




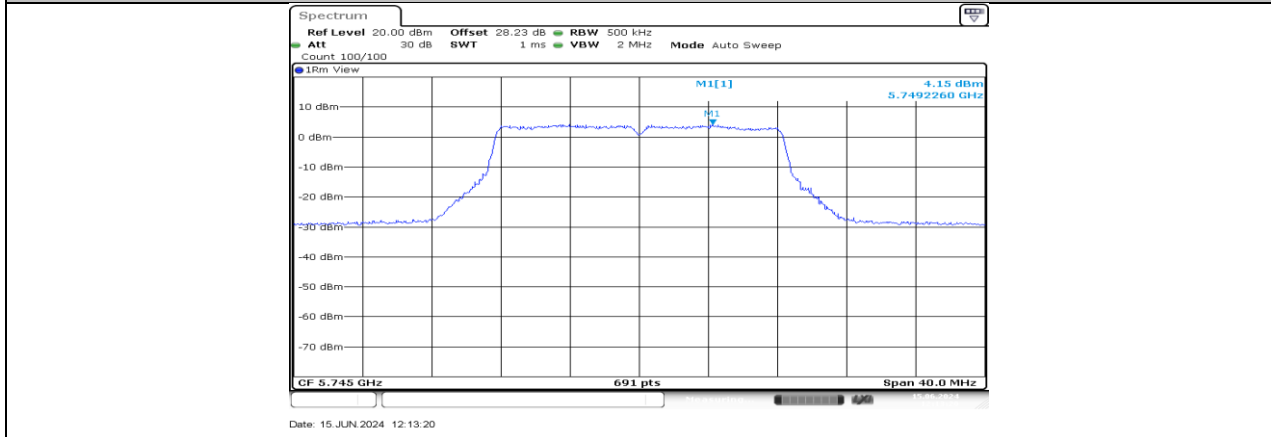




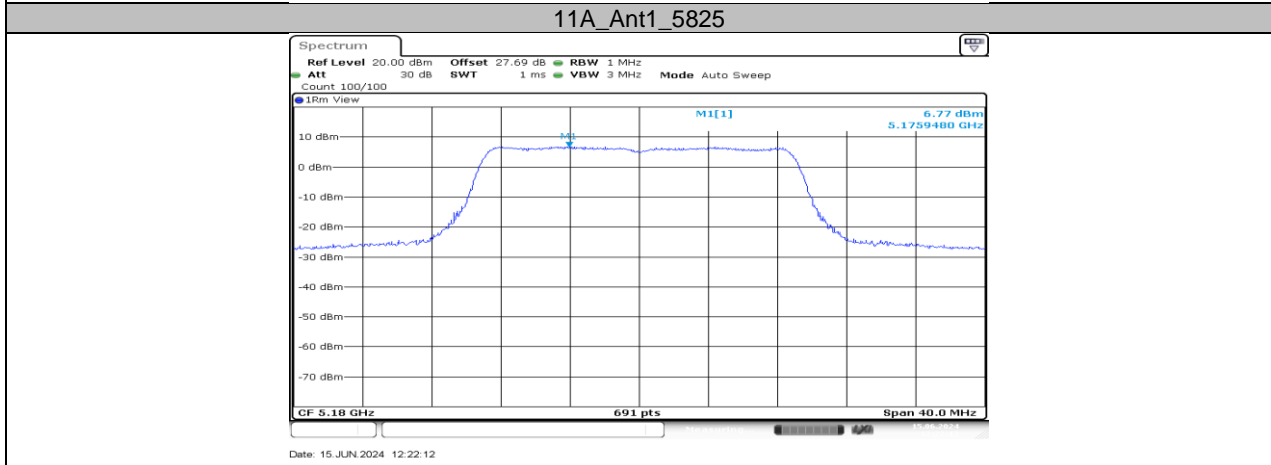
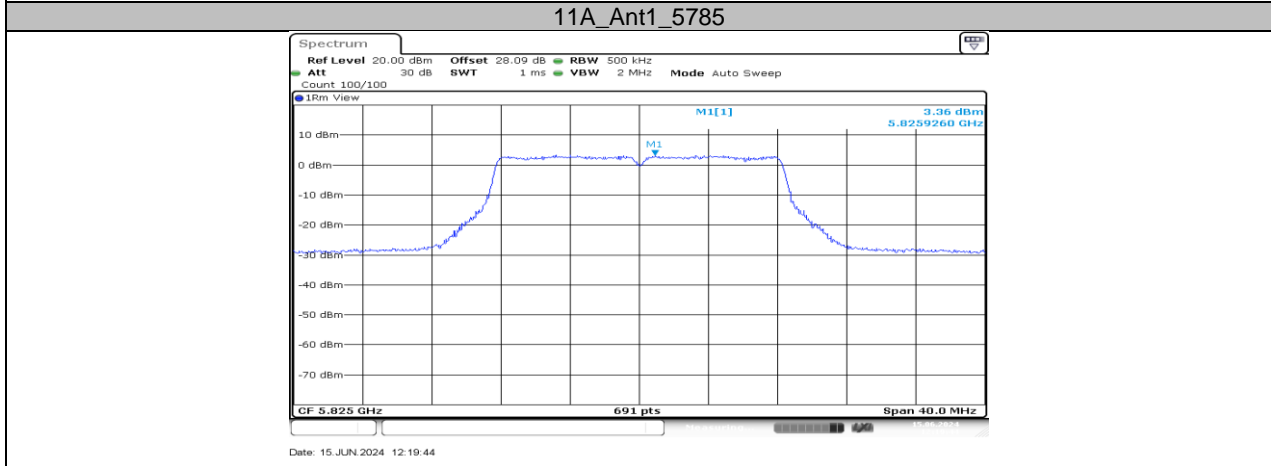
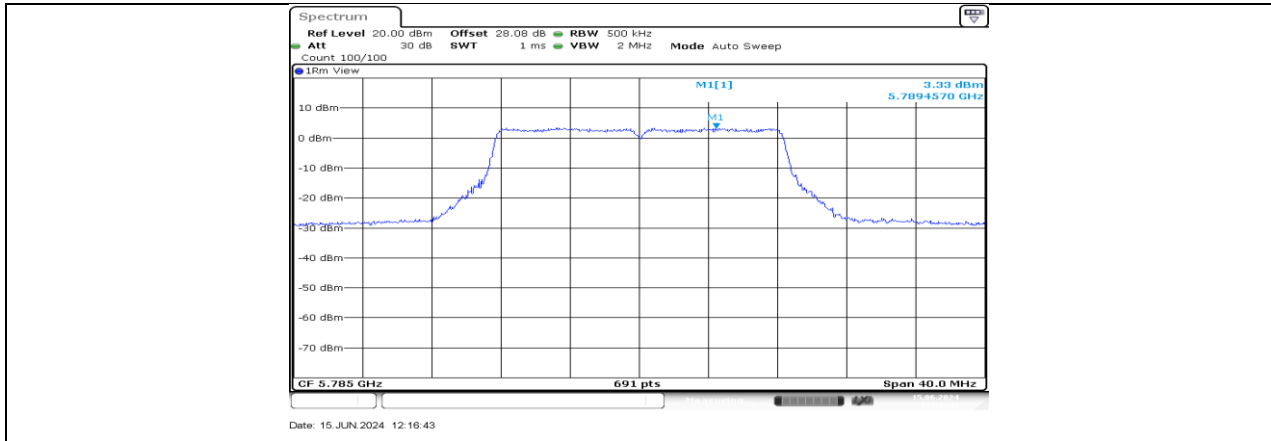
11A_Ant1_5720_UNII-2C



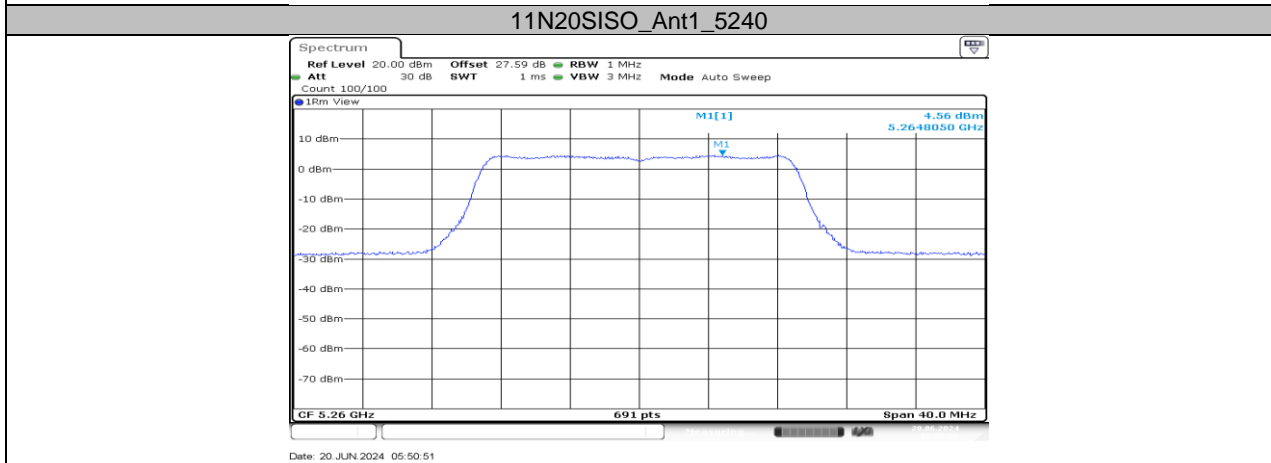
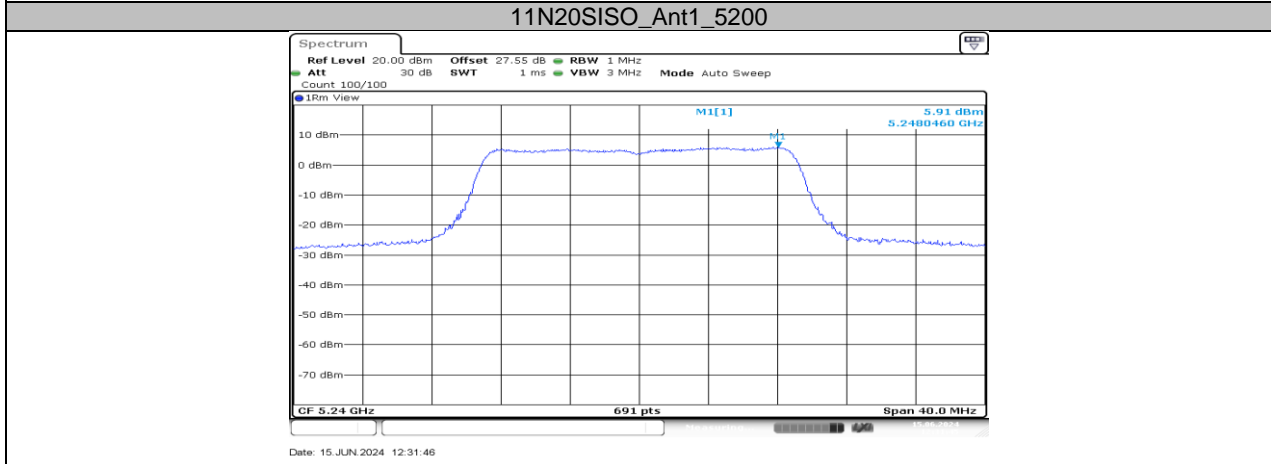
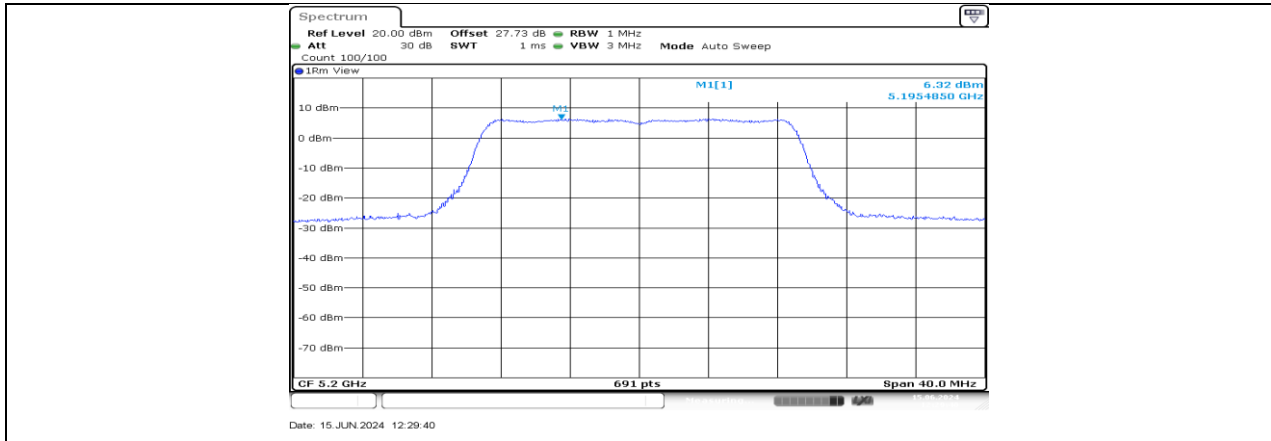
11A_Ant1_5720_UNII-3

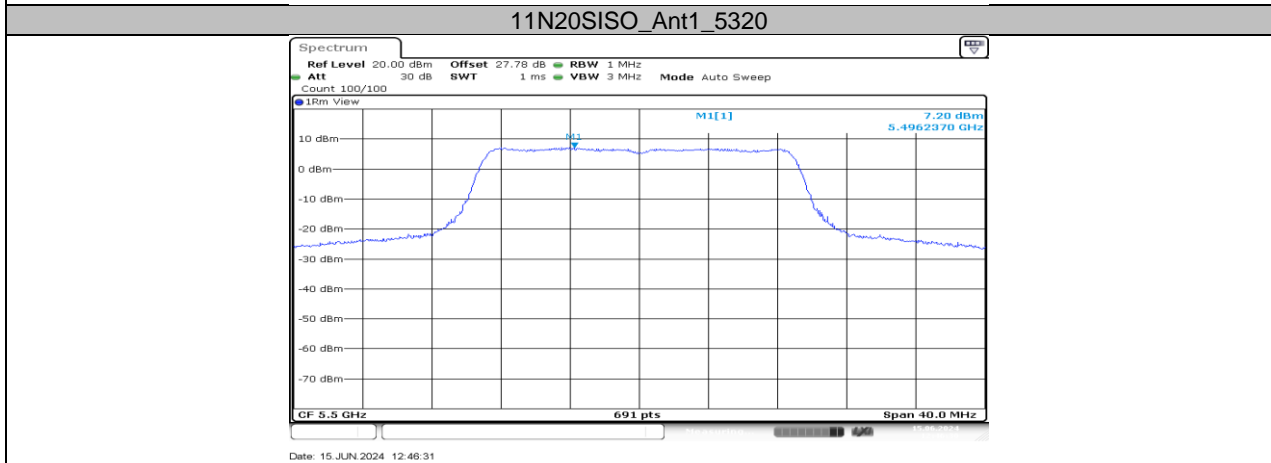
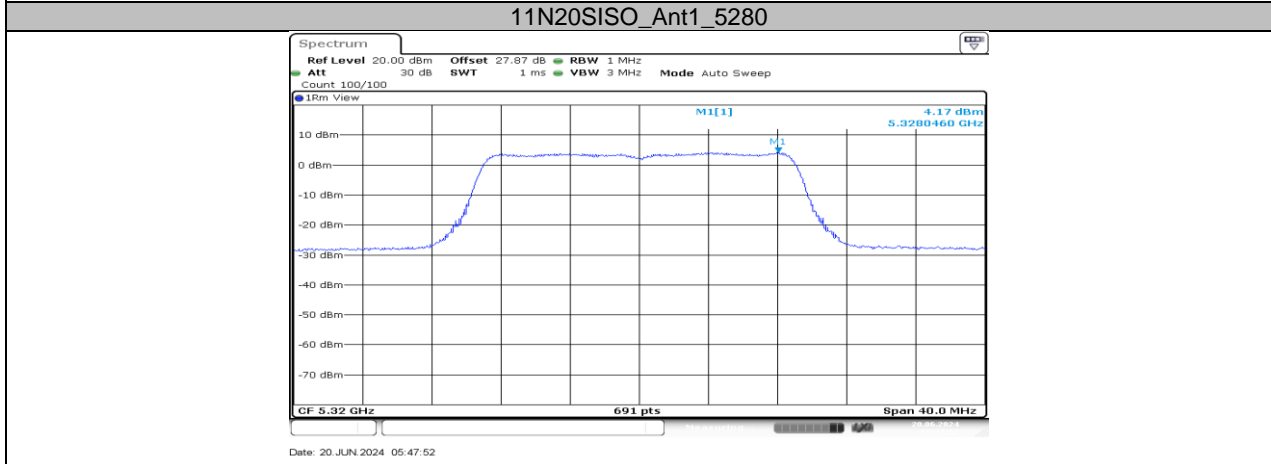
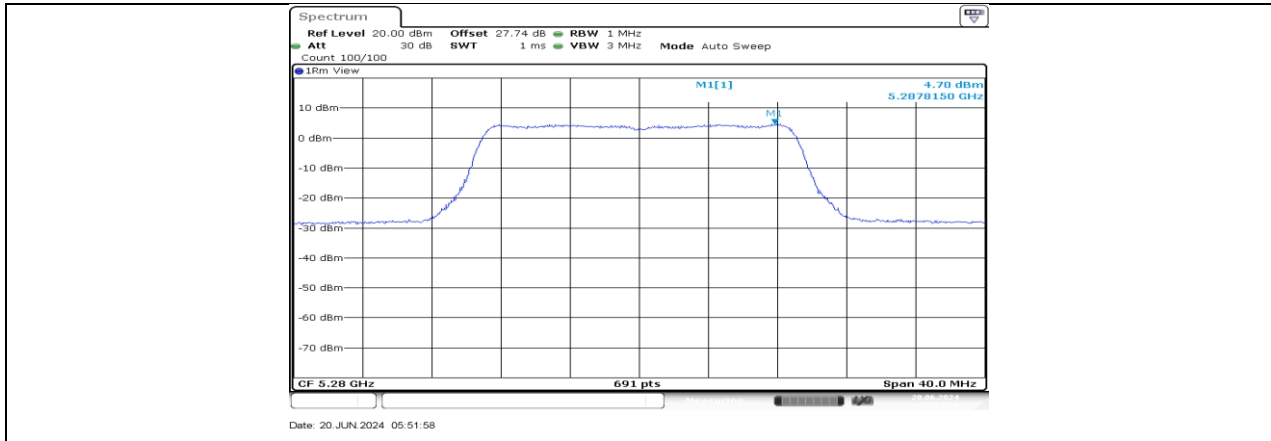


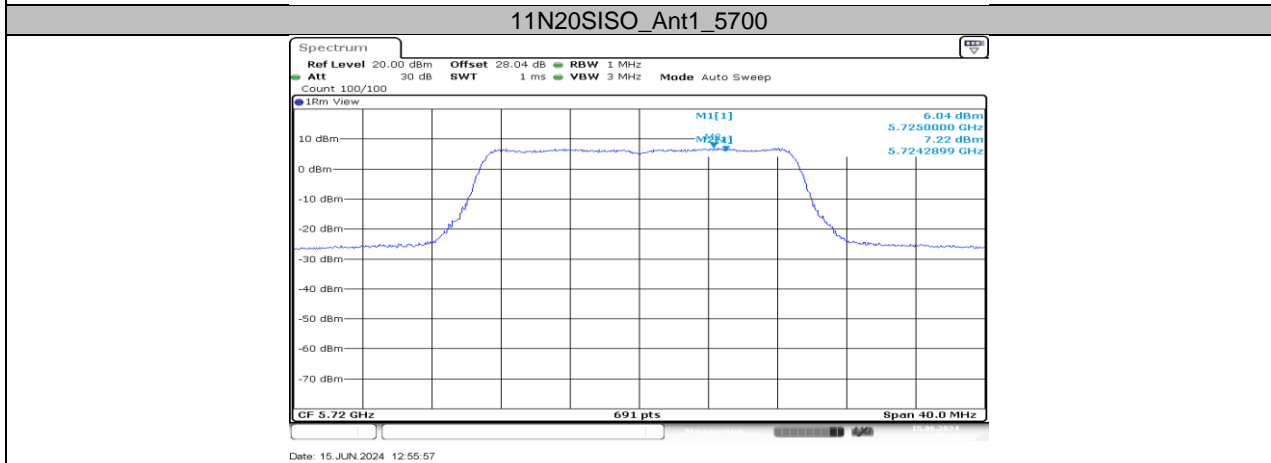
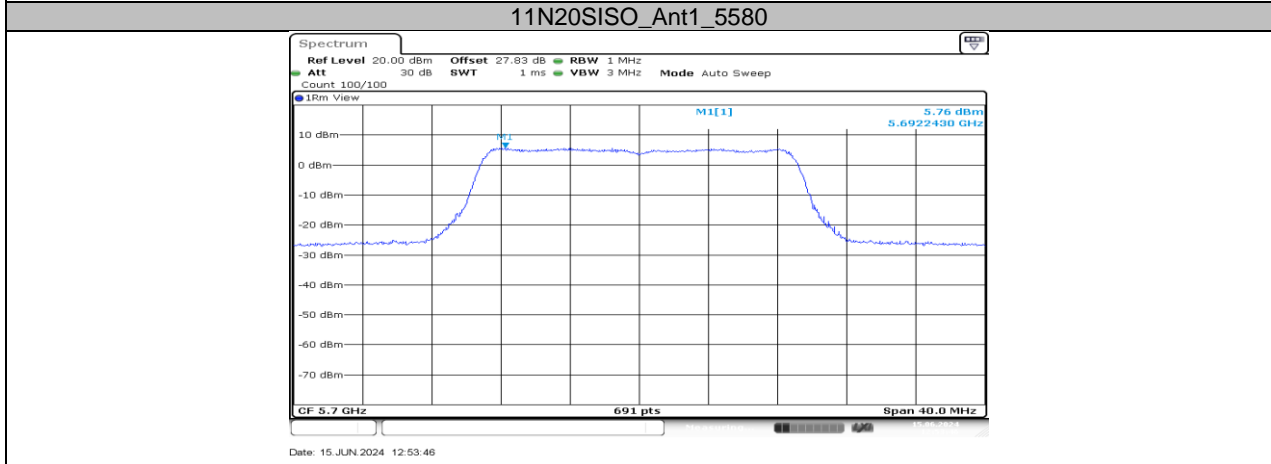
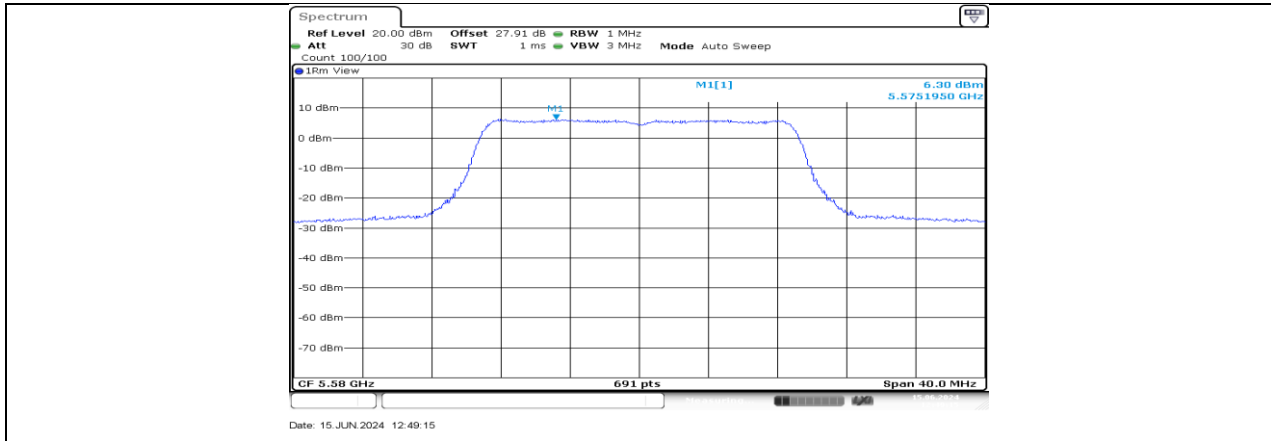
11A_Ant1_5745

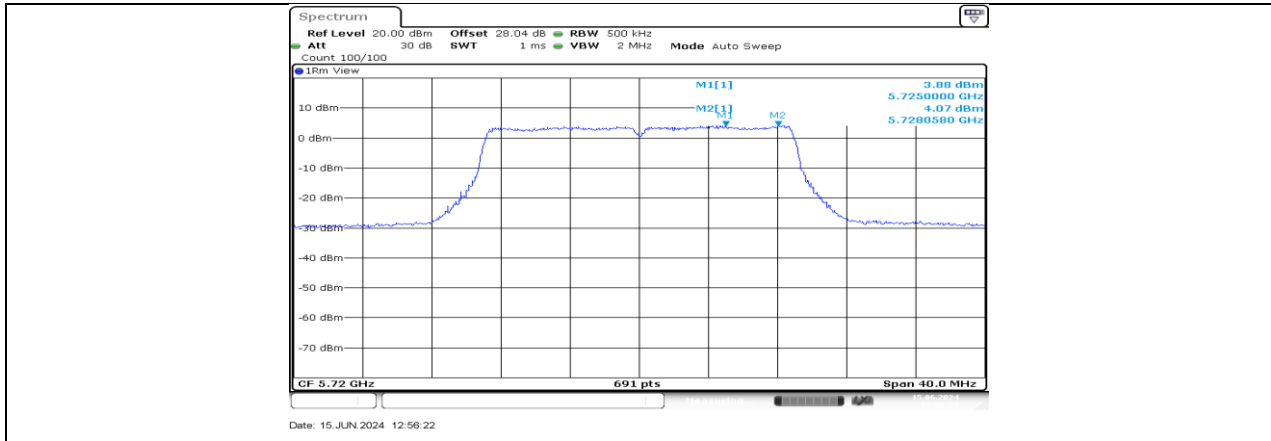


11N20SISO_Ant1_5180

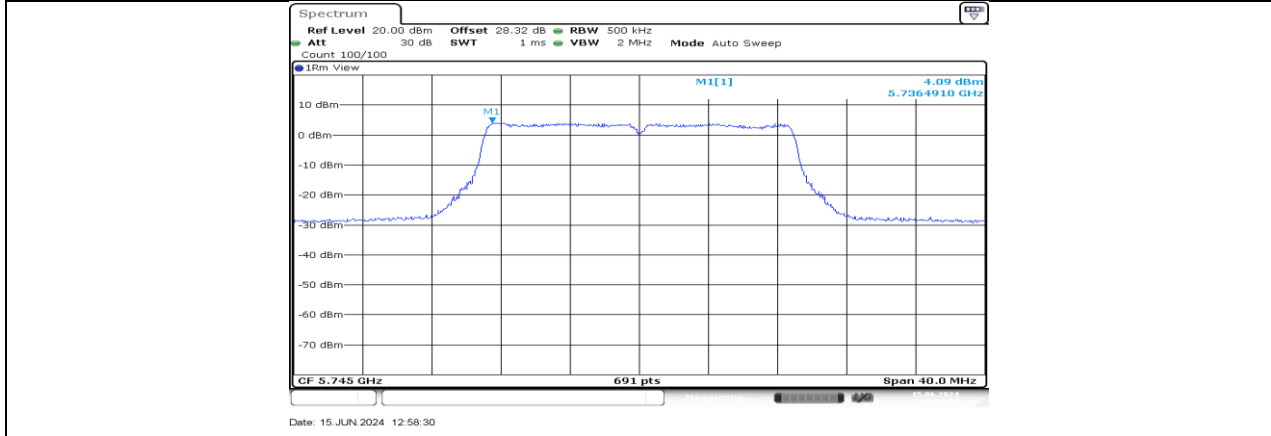




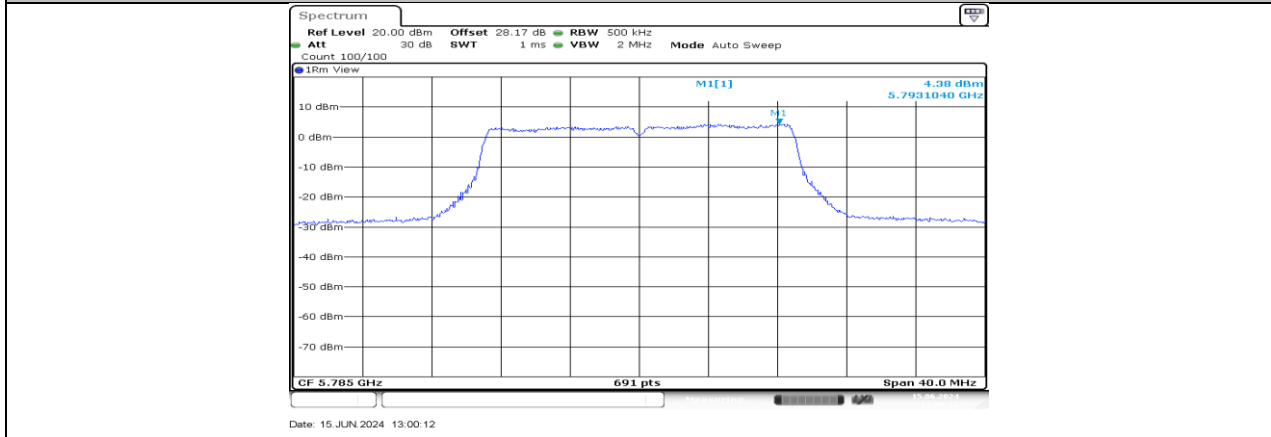




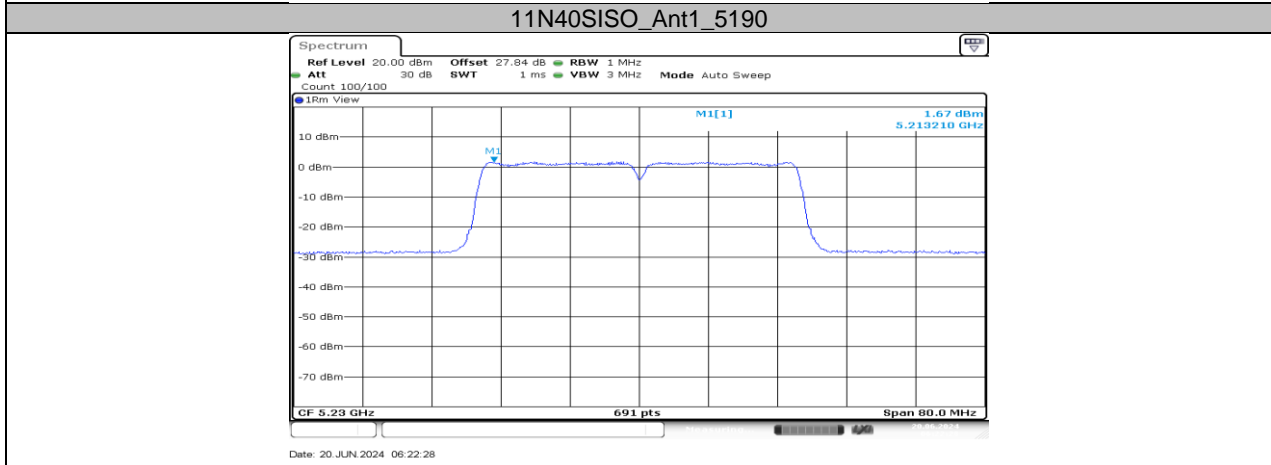
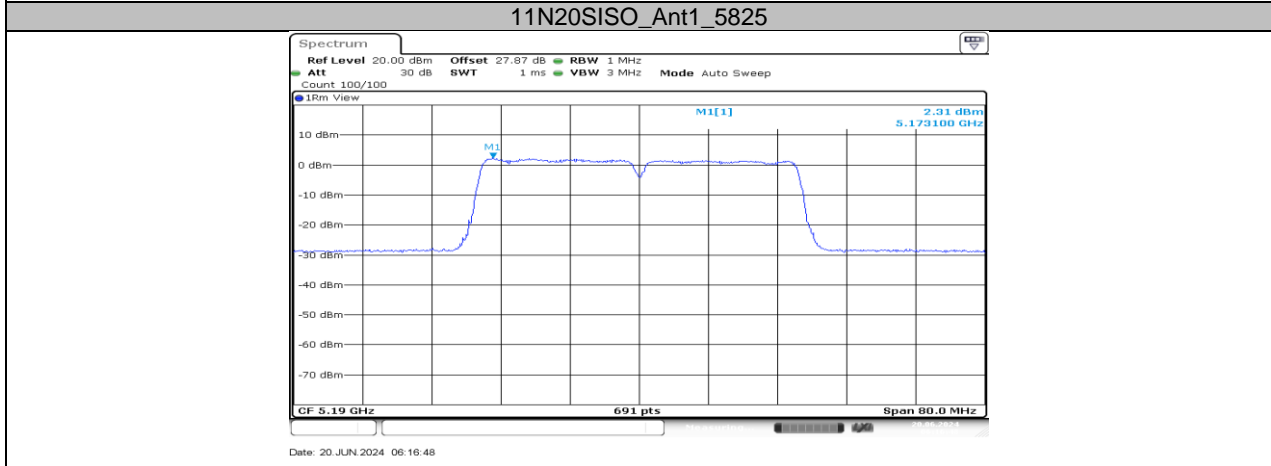
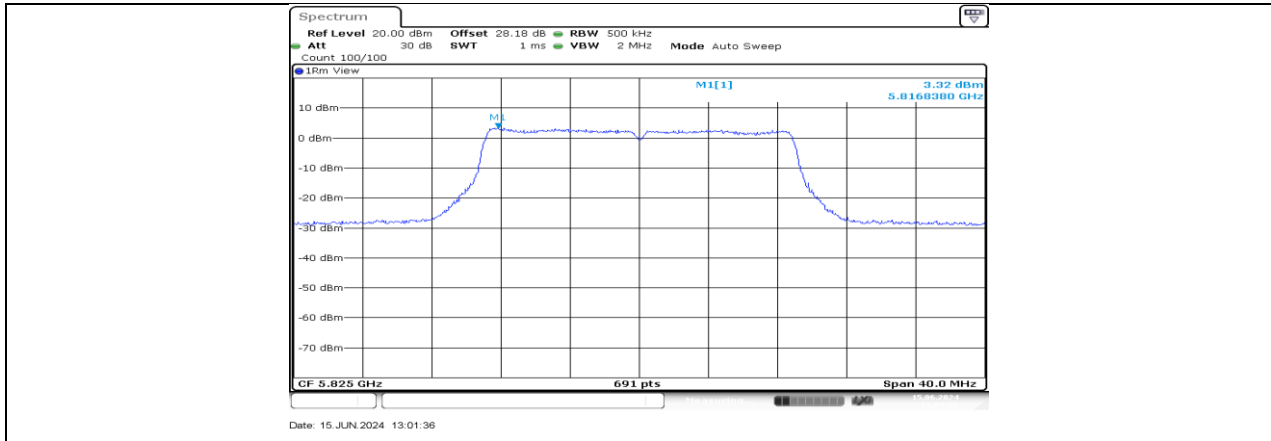
11N20SISO_Ant1_5720_UNII-3

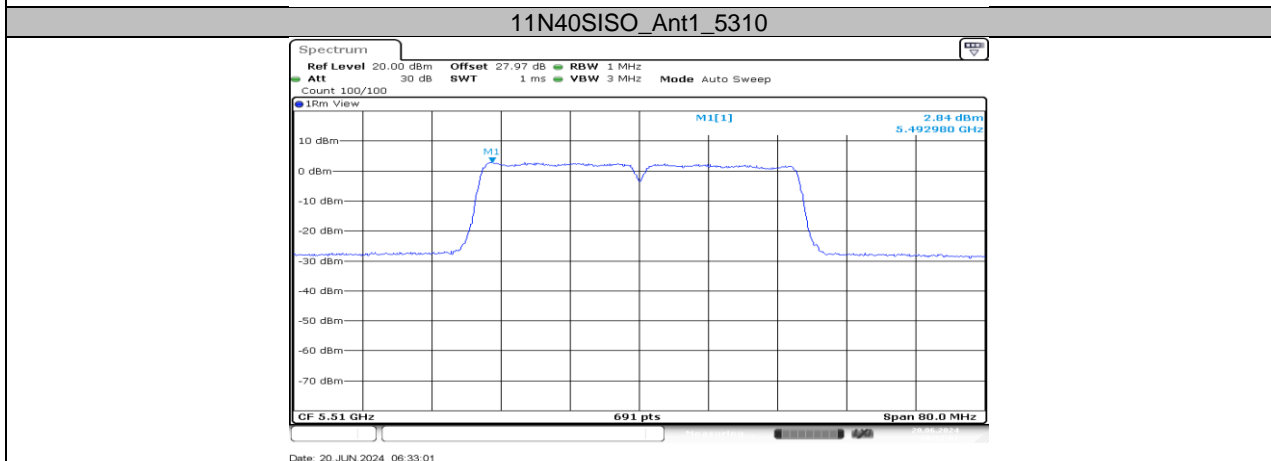
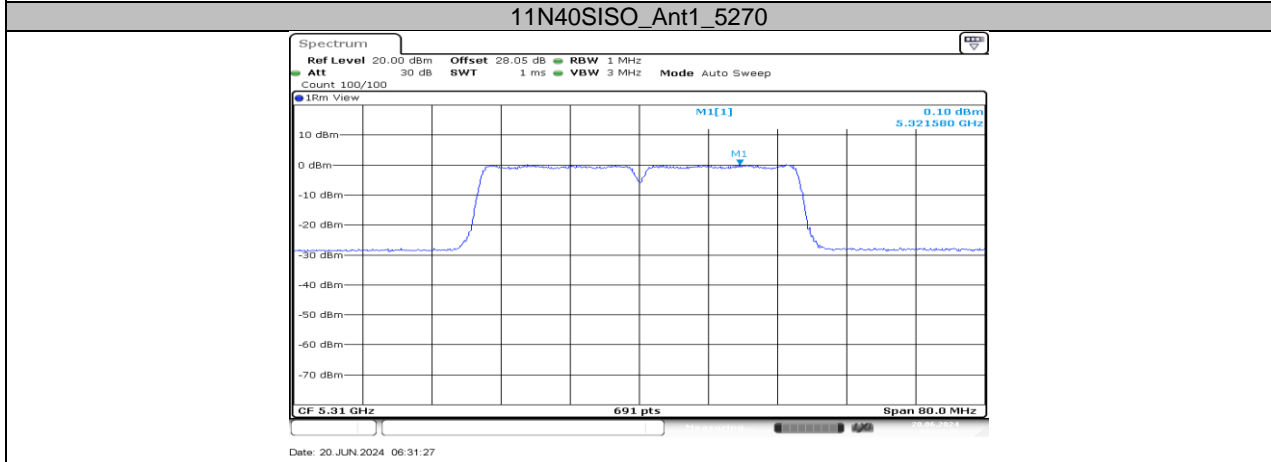
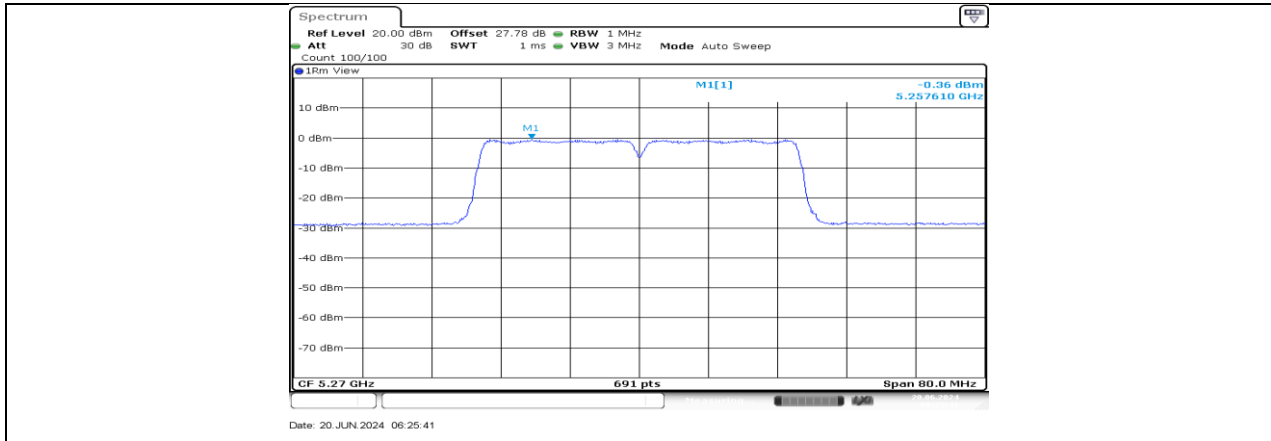


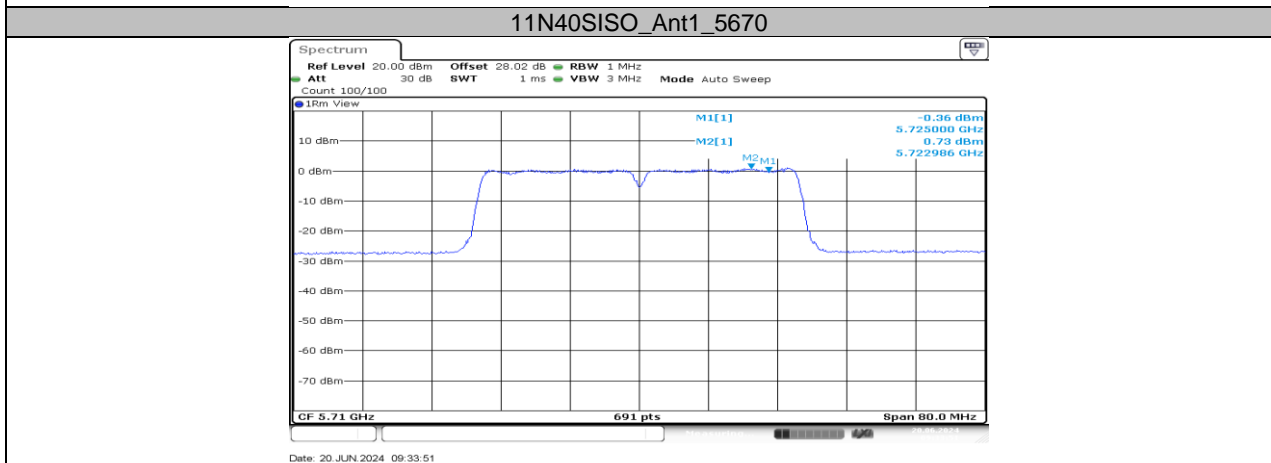
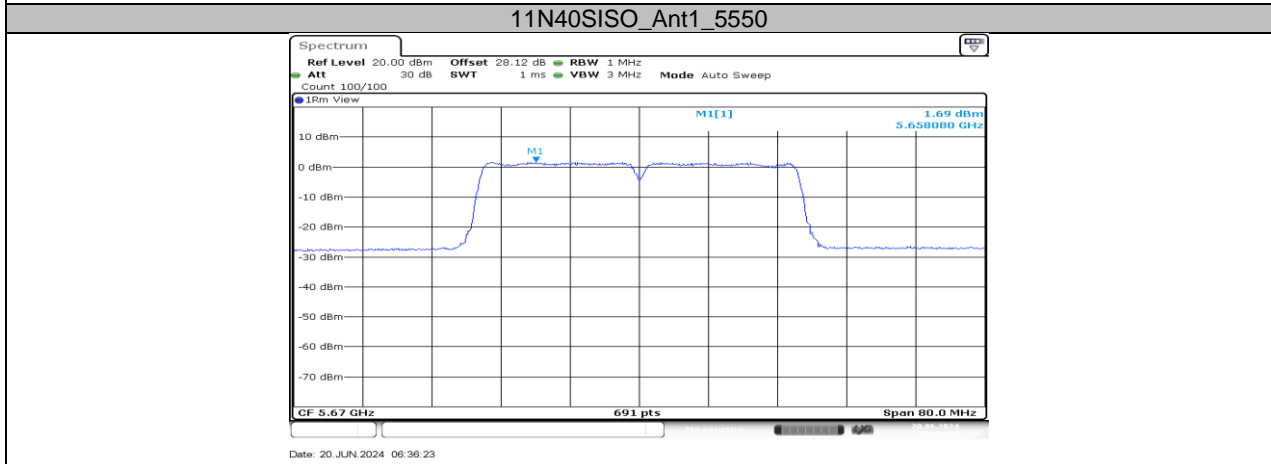
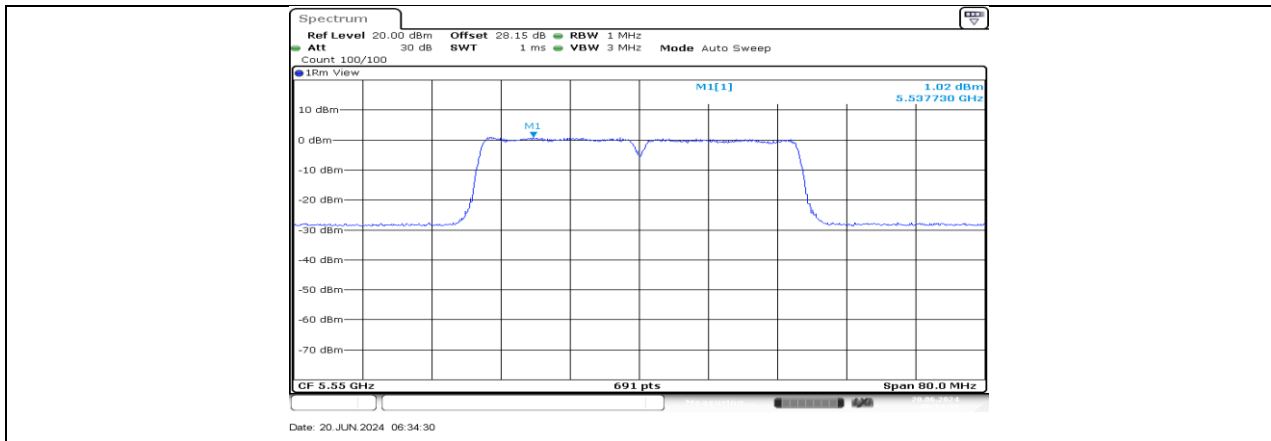
11N20SISO_Ant1_5745

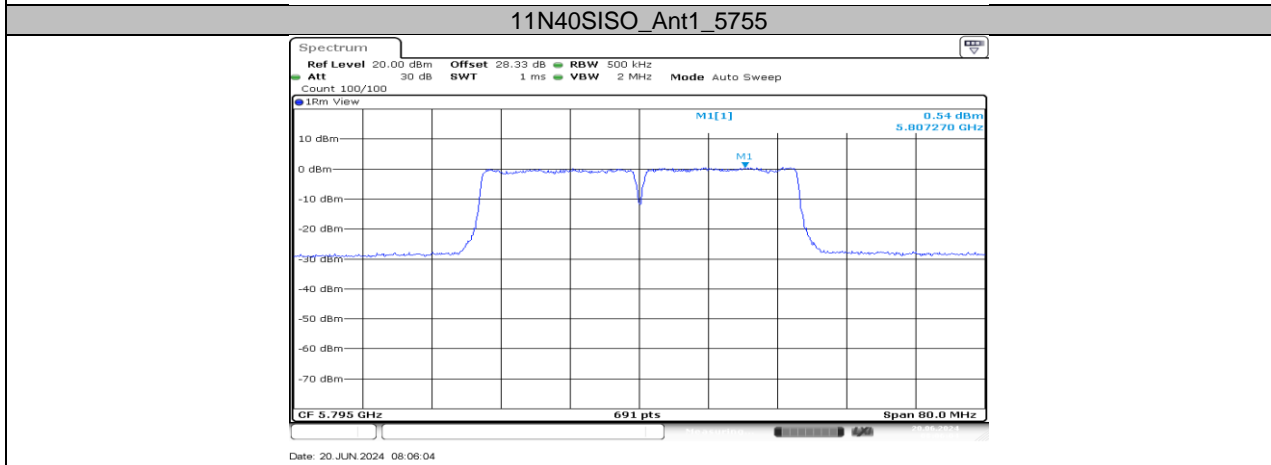
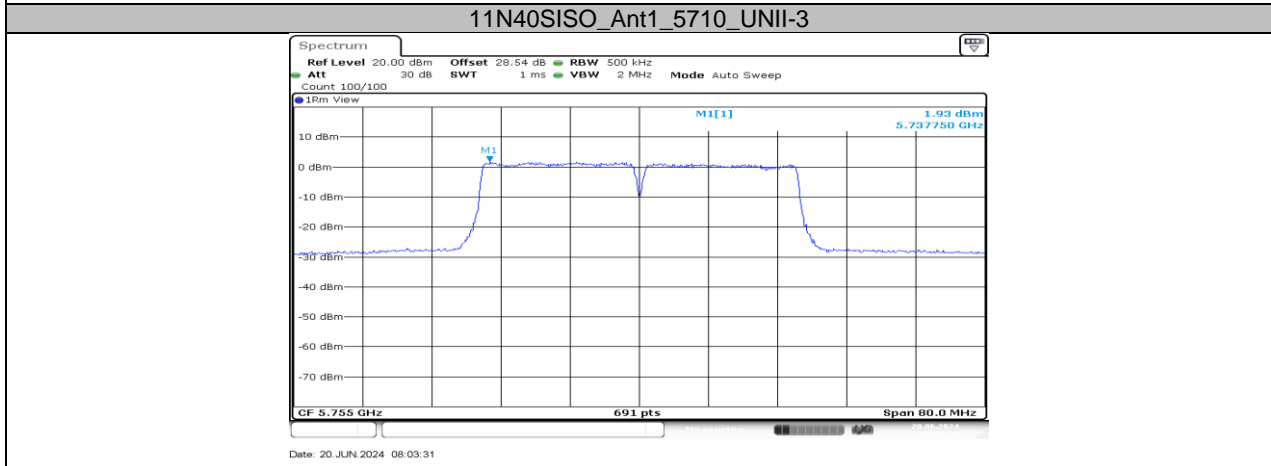
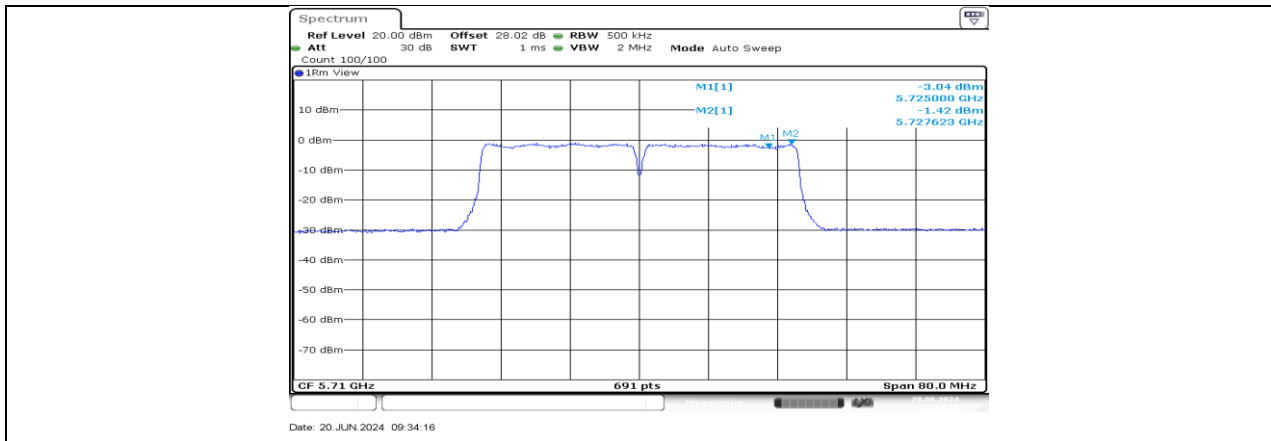


11N20SISO_Ant1_5785

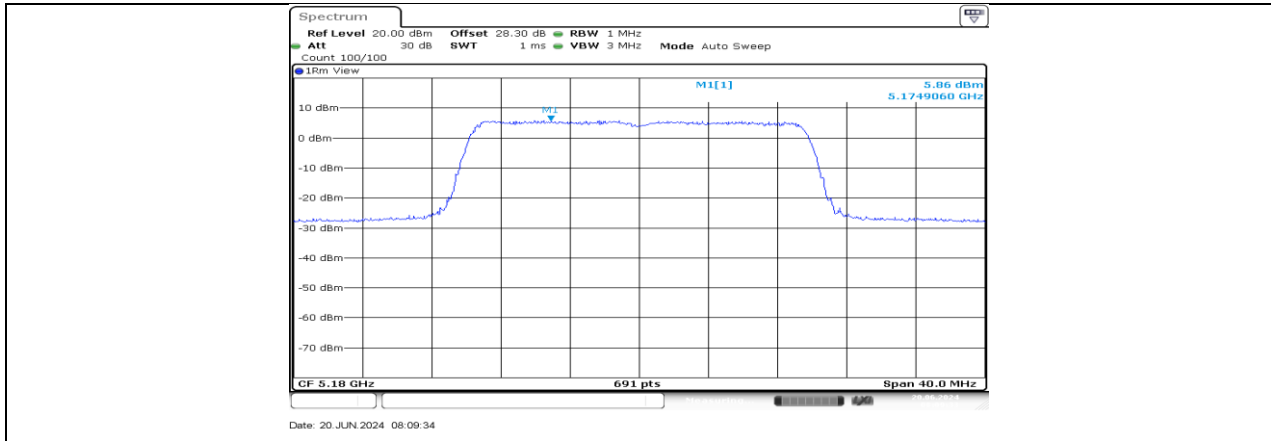




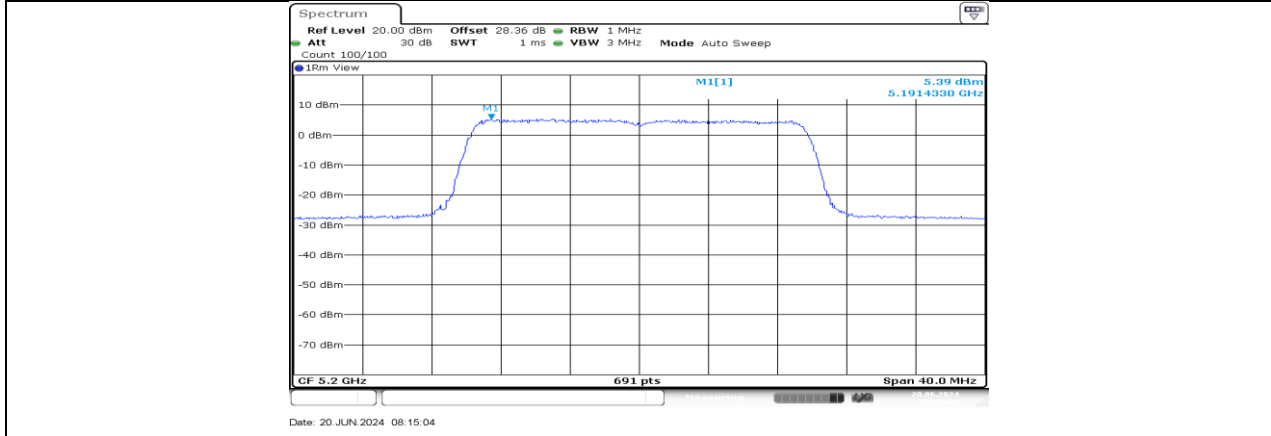




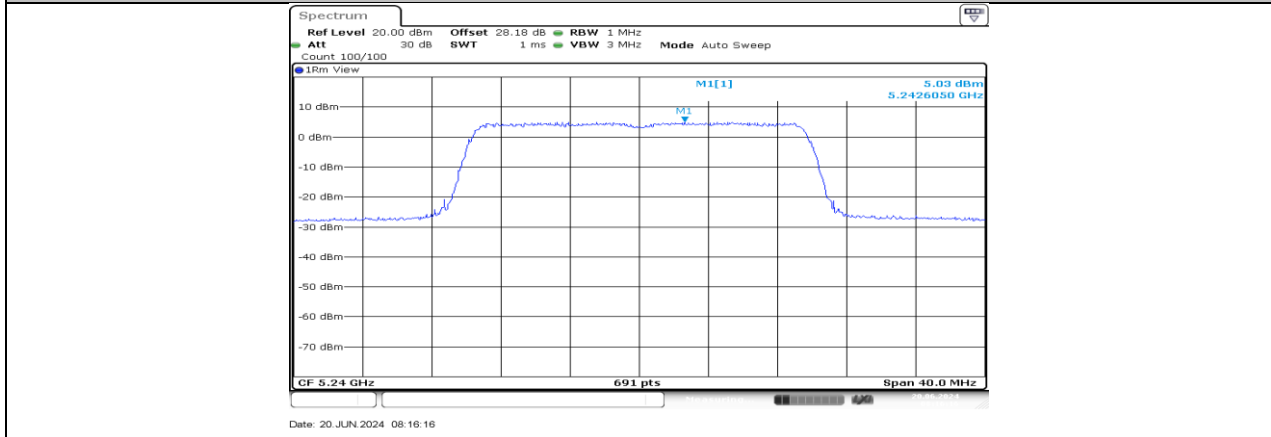
11N40SISO_Ant1_5795



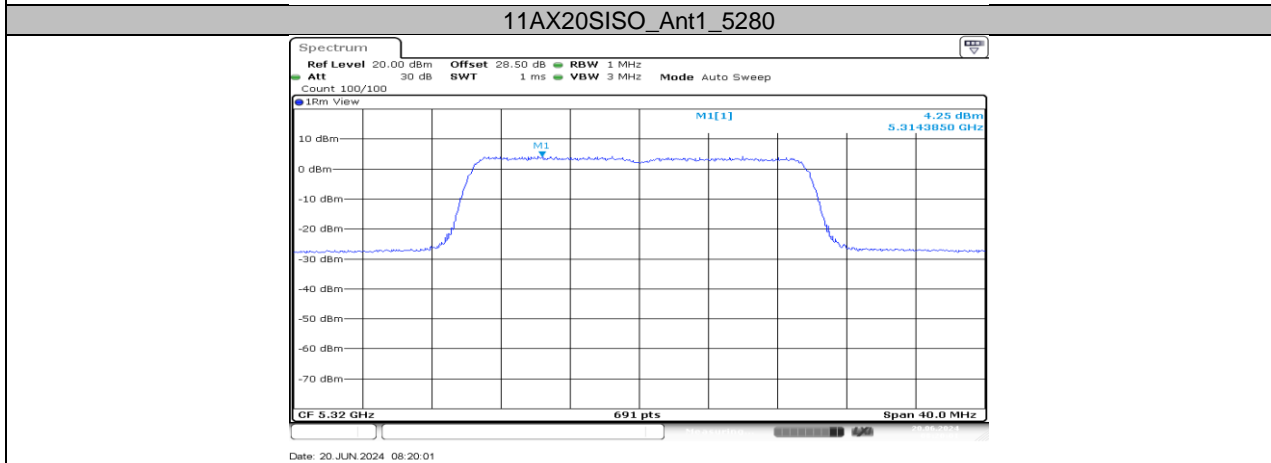
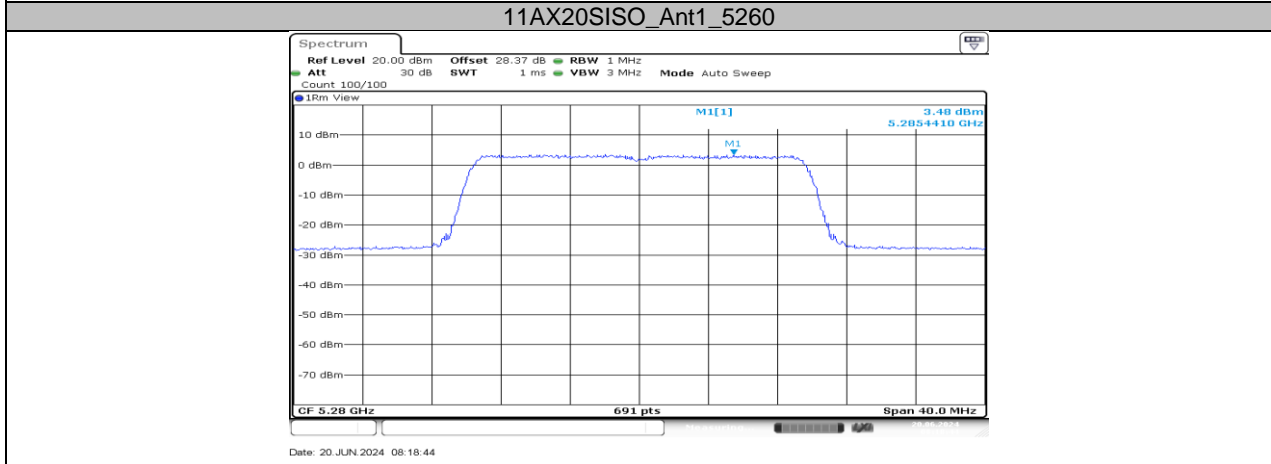
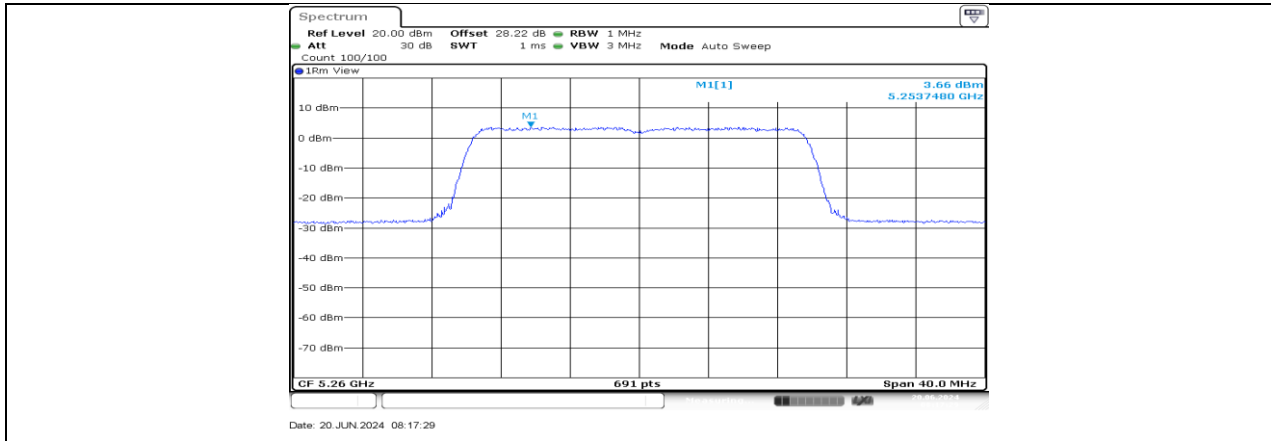
11AX20SISO_Ant1_5180



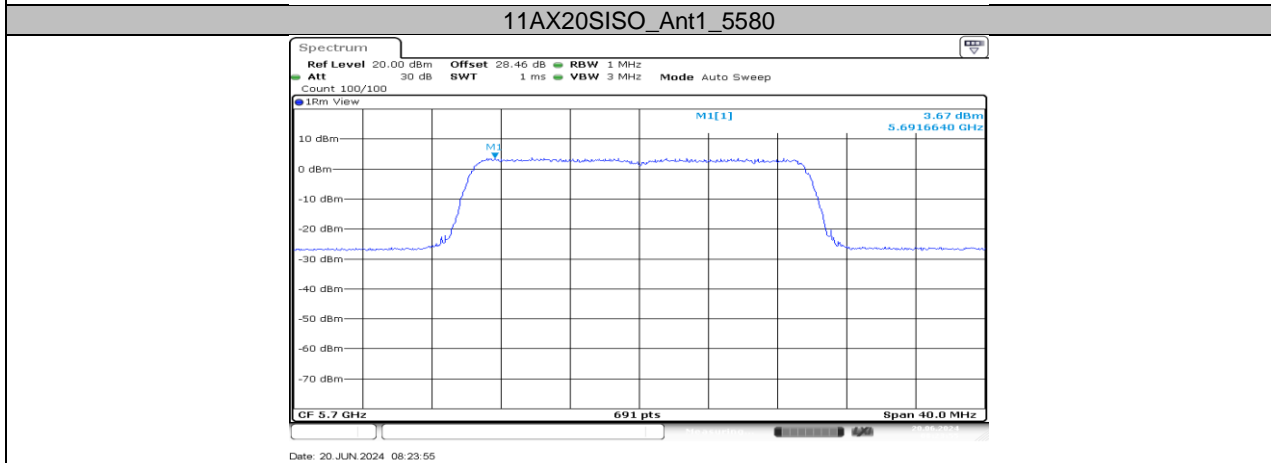
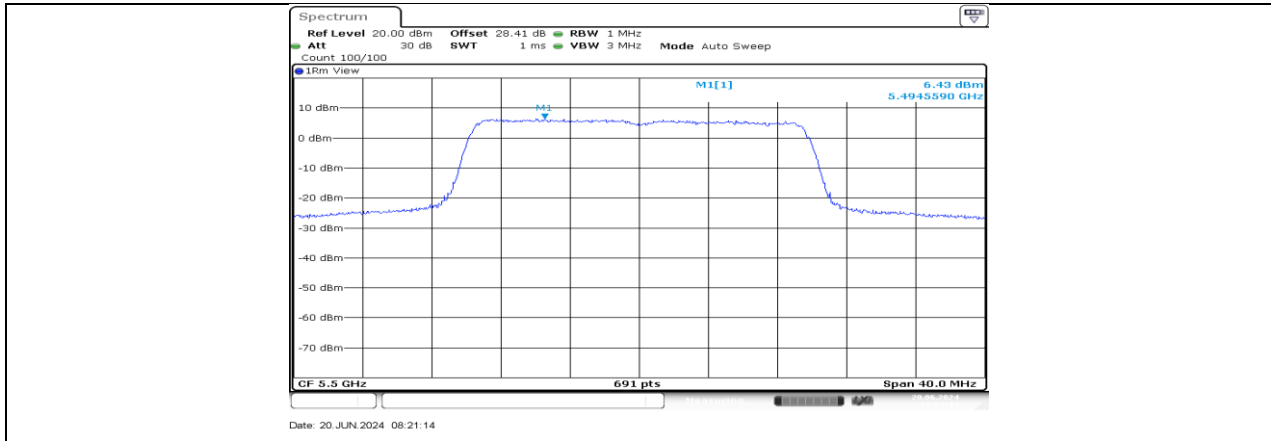
11AX20SISO_Ant1_5200



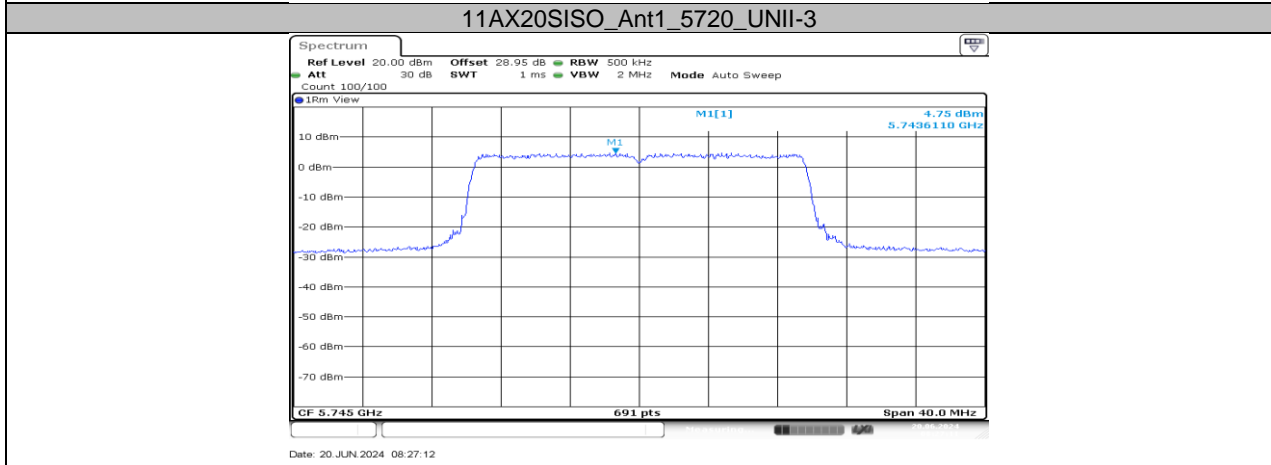
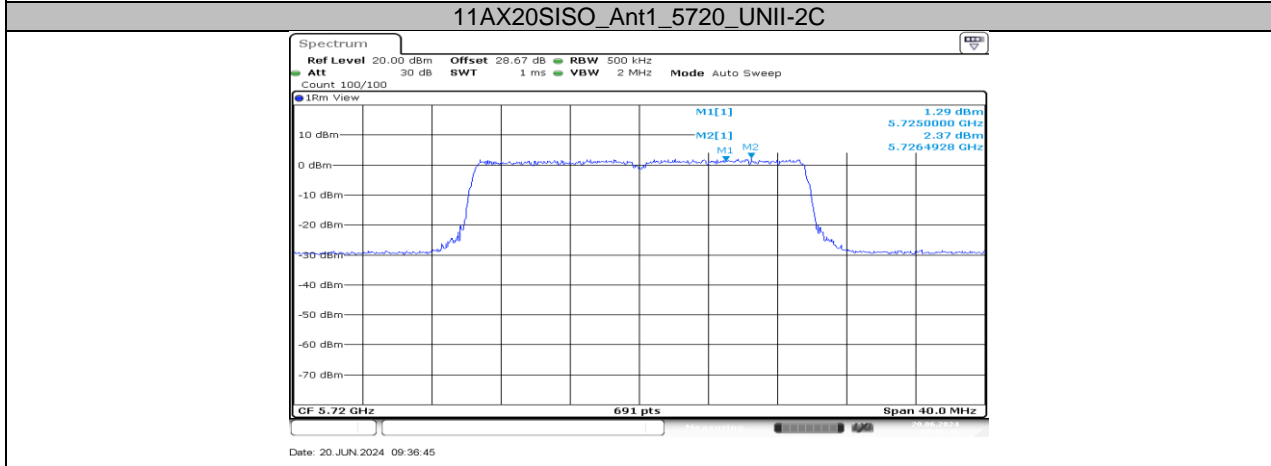
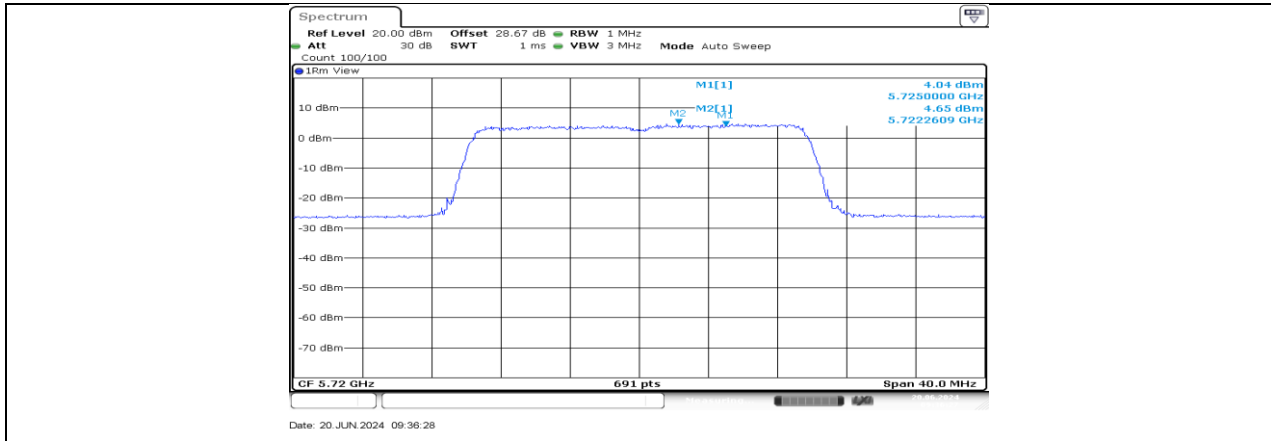
11AX20SISO_Ant1_5240

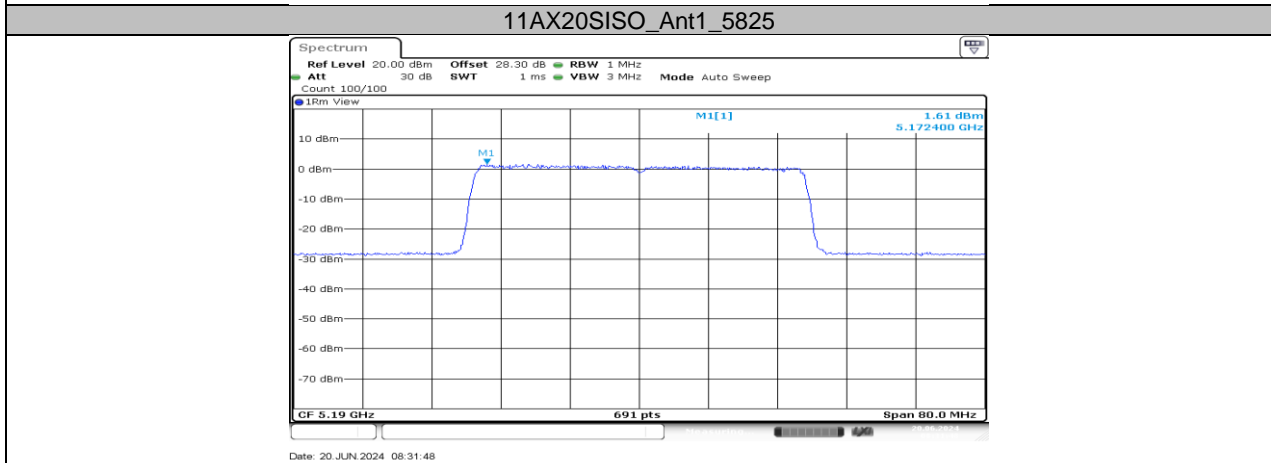
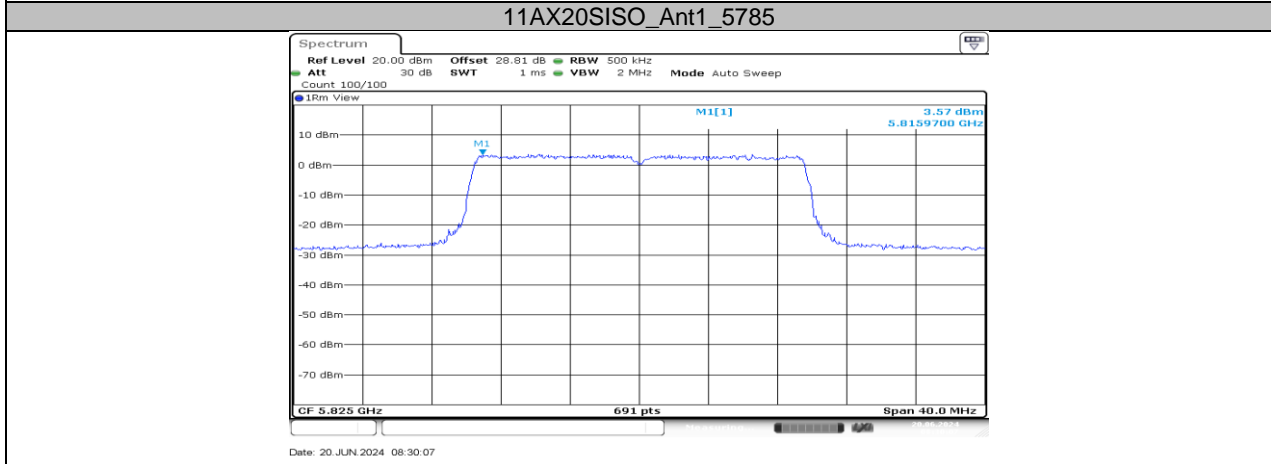
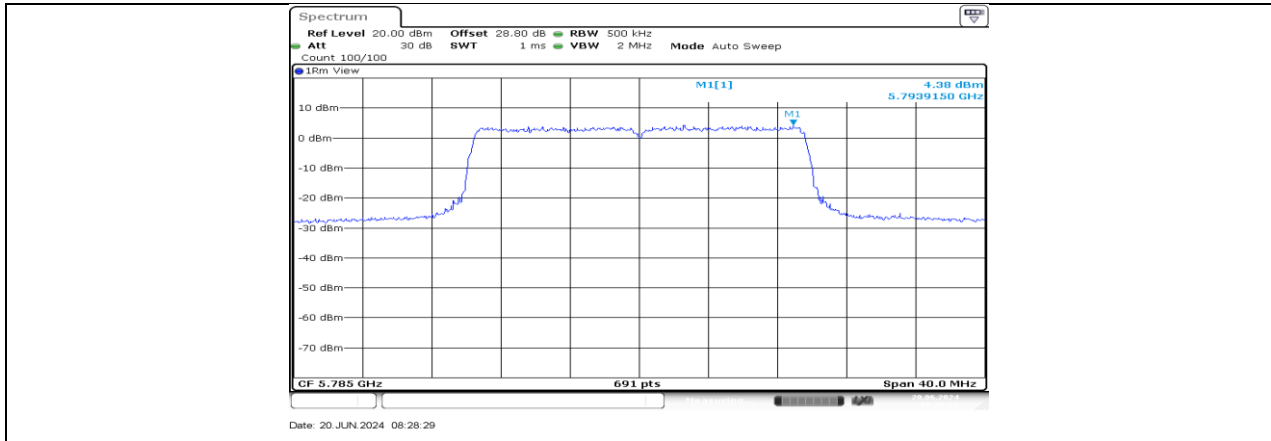


11AX20SISO_Ant1_5320

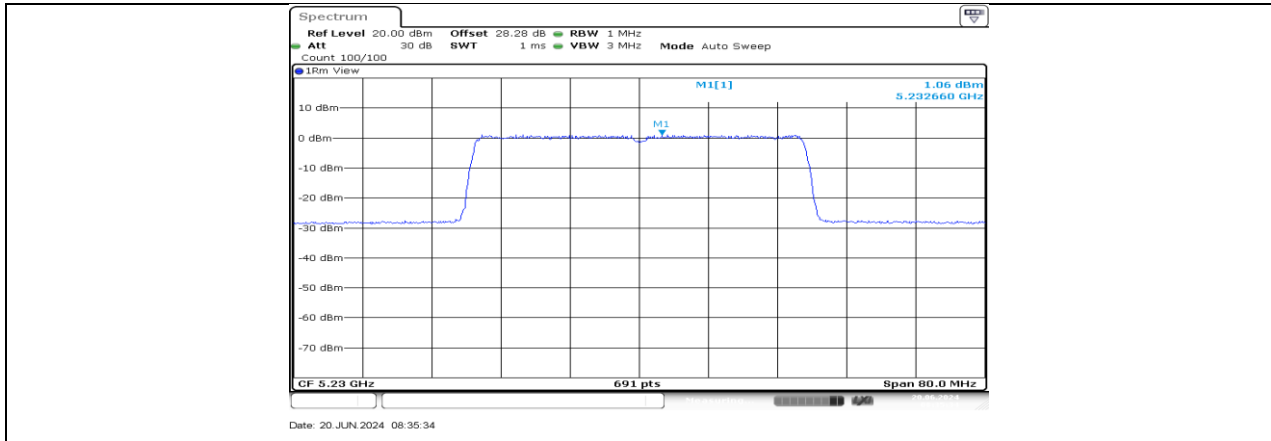


11AX20SISO_Ant1_5700

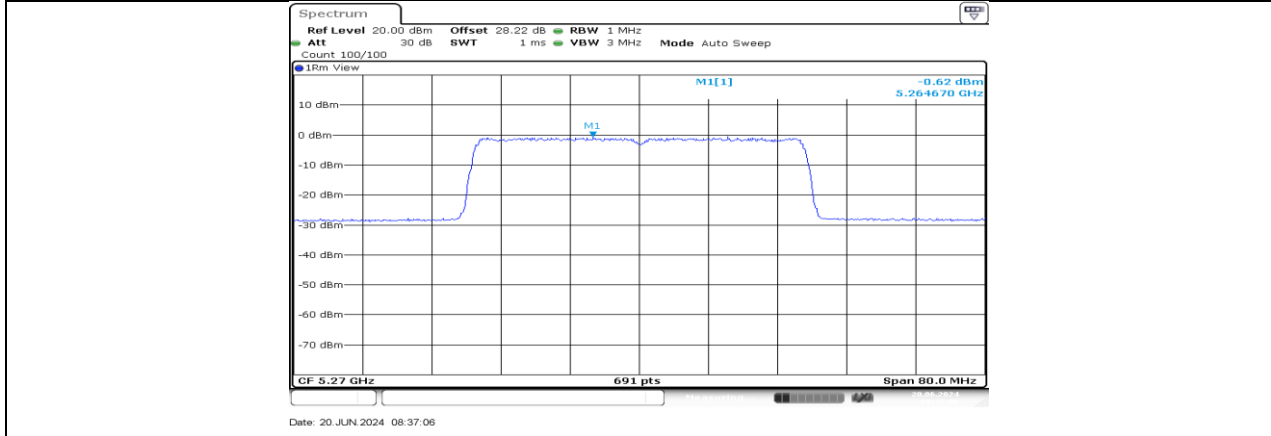




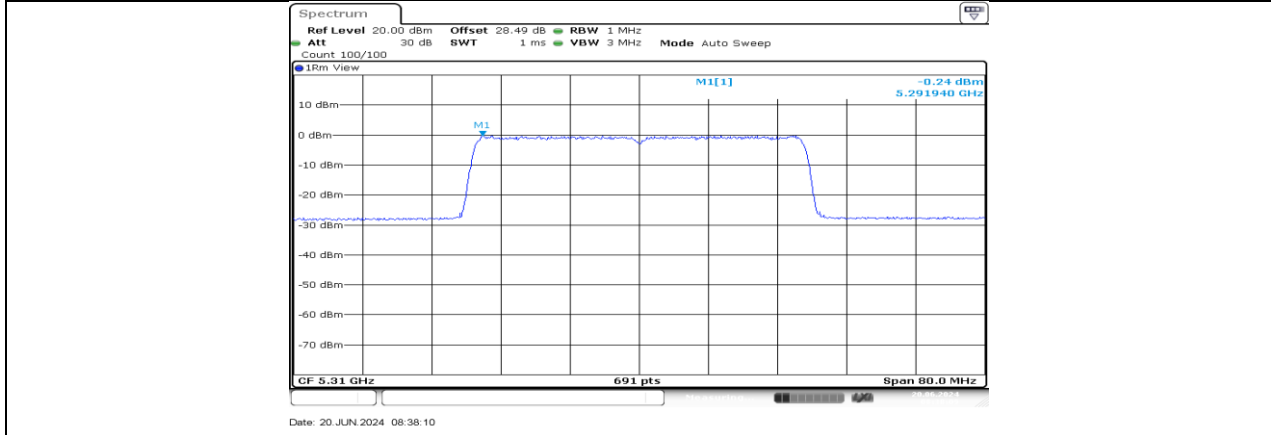
11AX40SISO_Ant1_5190



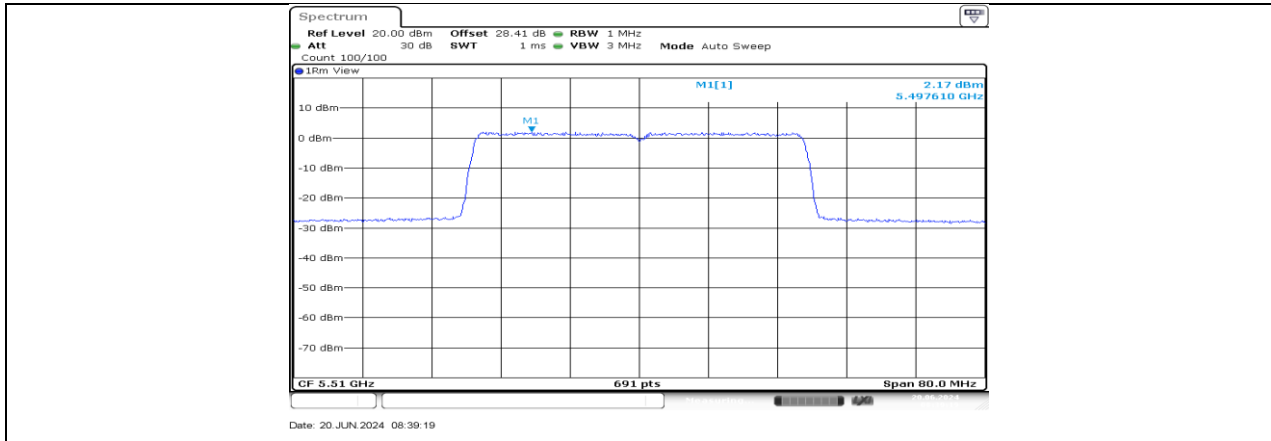
11AX40SISO_Ant1_5230



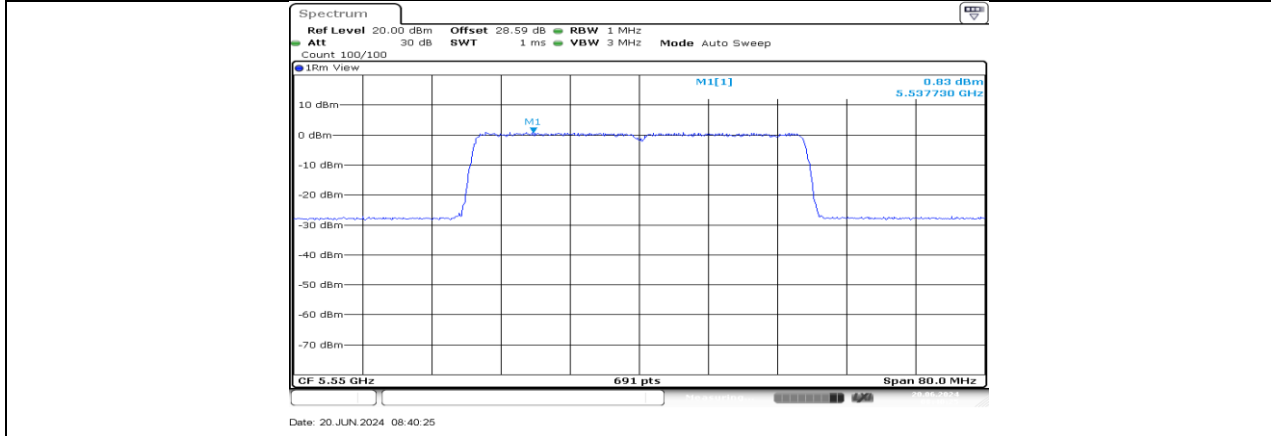
11AX40SISO_Ant1_5270



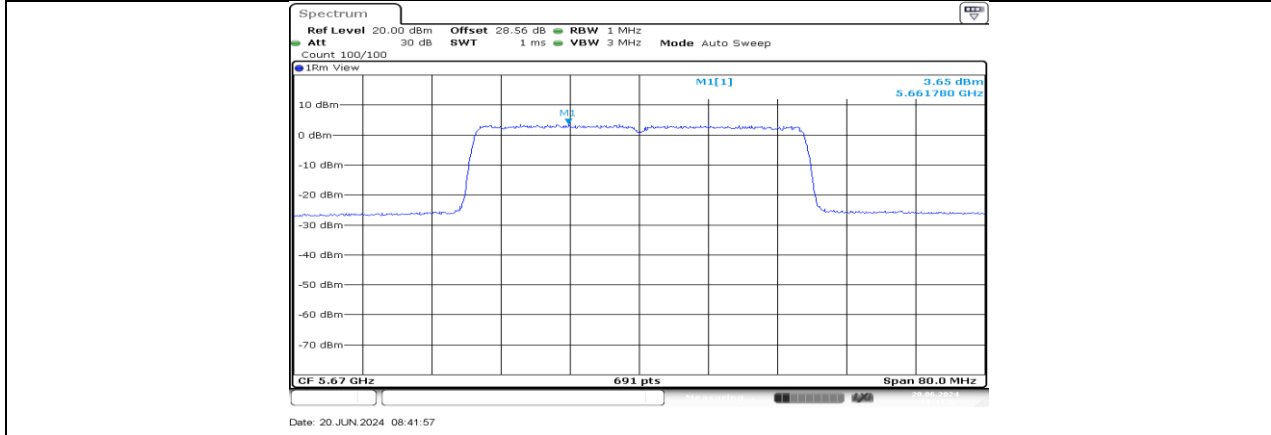
11AX40SISO_Ant1_5310



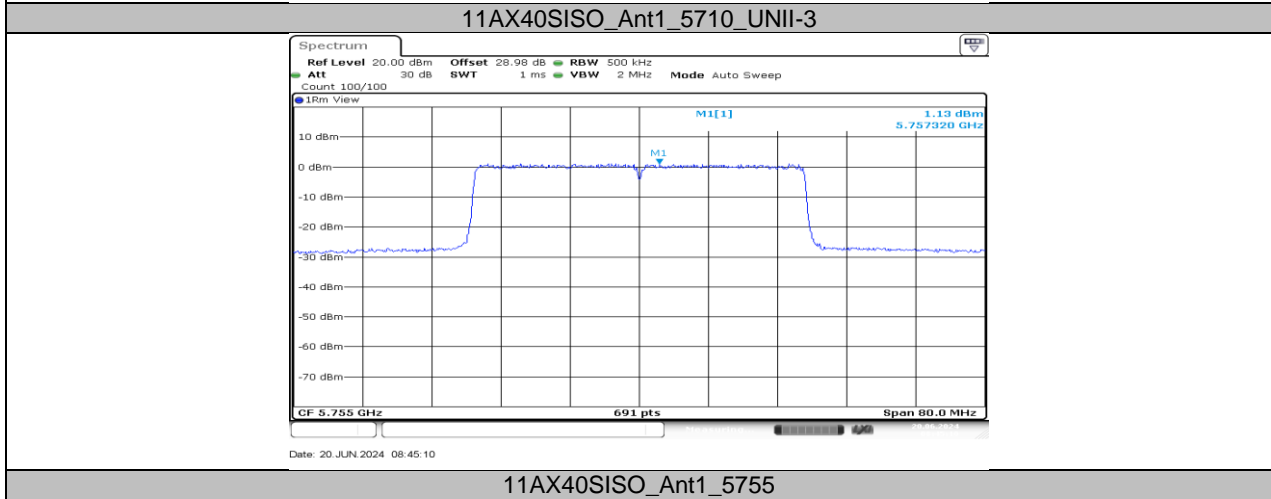
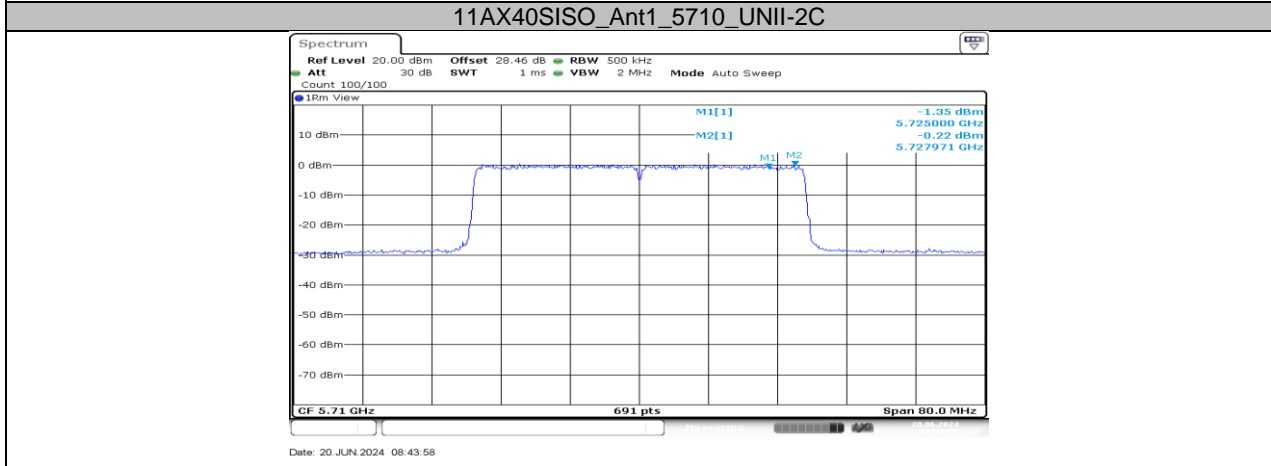
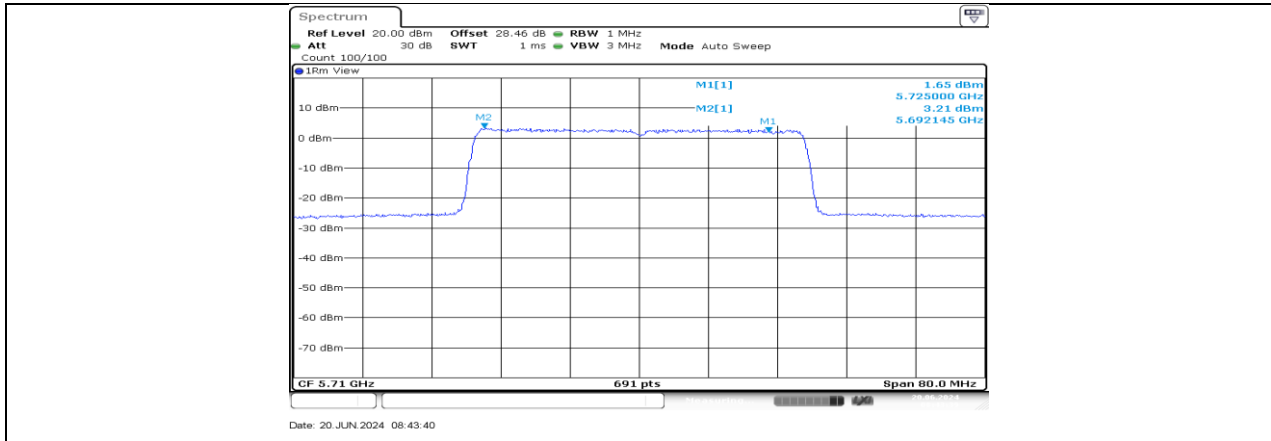
11AX40SISO_Ant1_5510

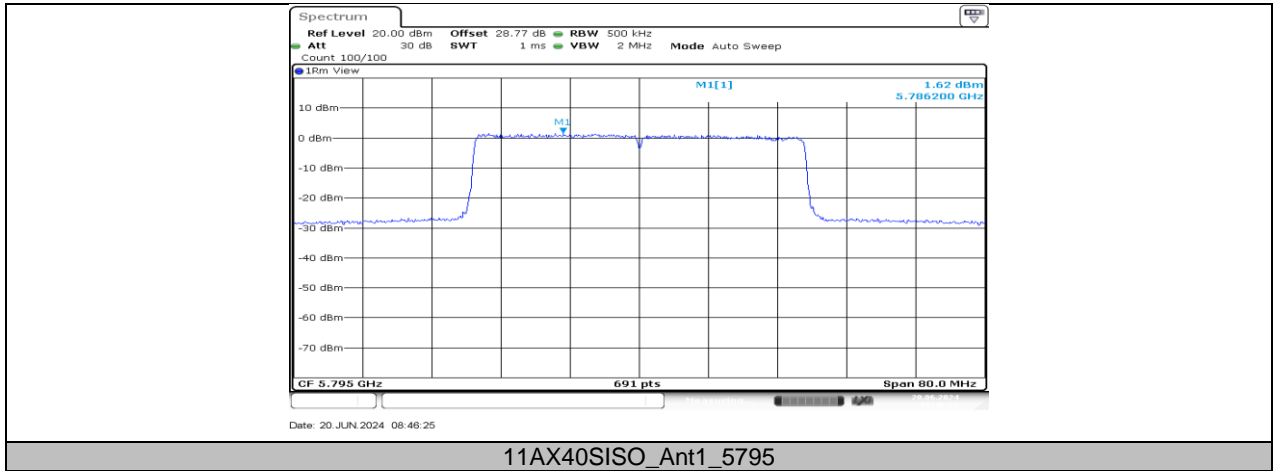


11AX40SISO_Ant1_5550



11AX40SISO_Ant1_5670





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	5200.0046	0.89	5199.9838	-3.12	5200.0108	2.08	5199.9946	-1.05
TN	VN	5199.9848	-2.92	5199.9816	-3.55	5199.9986	-0.27	5199.9899	-1.95
TN	VH	5199.9801	-3.83	5199.9840	-3.07	5200.0063	1.21	5200.0222	4.27

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)
70	VN	5200.0078	1.50	5199.9923	-1.48	5199.9852	-2.84	5199.9982	-0.35
60	VN	5200.0248	4.77	5199.9882	-2.26	5199.9770	-4.42	5200.0031	0.60
50	VN	5199.9888	-2.15	5199.9833	-3.20	5199.9963	-0.71	5200.0090	1.73
40	VN	5199.9870	-2.51	5200.0241	4.63	5199.9904	-1.84	5199.9777	-4.29
30	VN	5200.0147	2.83	5200.0214	4.12	5199.9899	-1.93	5200.0068	1.31
20	VN	5200.0066	1.26	5199.9814	-3.59	5199.9861	-2.68	5200.0163	3.14
10	VN	5199.9992	-0.16	5200.0224	4.32	5199.9979	-0.41	5199.9983	-0.33
0	VN	5199.9961	-0.75	5199.9928	-1.38	5199.9916	-1.62	5200.0229	4.39
-10	VN	5199.9794	-3.97	5200.0193	3.72	5199.9924	-1.46	5200.0133	2.56

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	10.34	0.5300	53.00	2.76	0.18	0.5
11N20SISO	5.36	10.33	0.5189	51.89	2.85	0.19	0.5
11N40SISO	5.14	10.34	0.4971	49.71	3.04	0.19	0.5
11AX20SISO	4.64	10.34	0.4487	44.87	3.48	0.22	0.5
11AX40SISO	4.64	10.35	0.4483	44.83	3.48	0.22	0.5

Note:

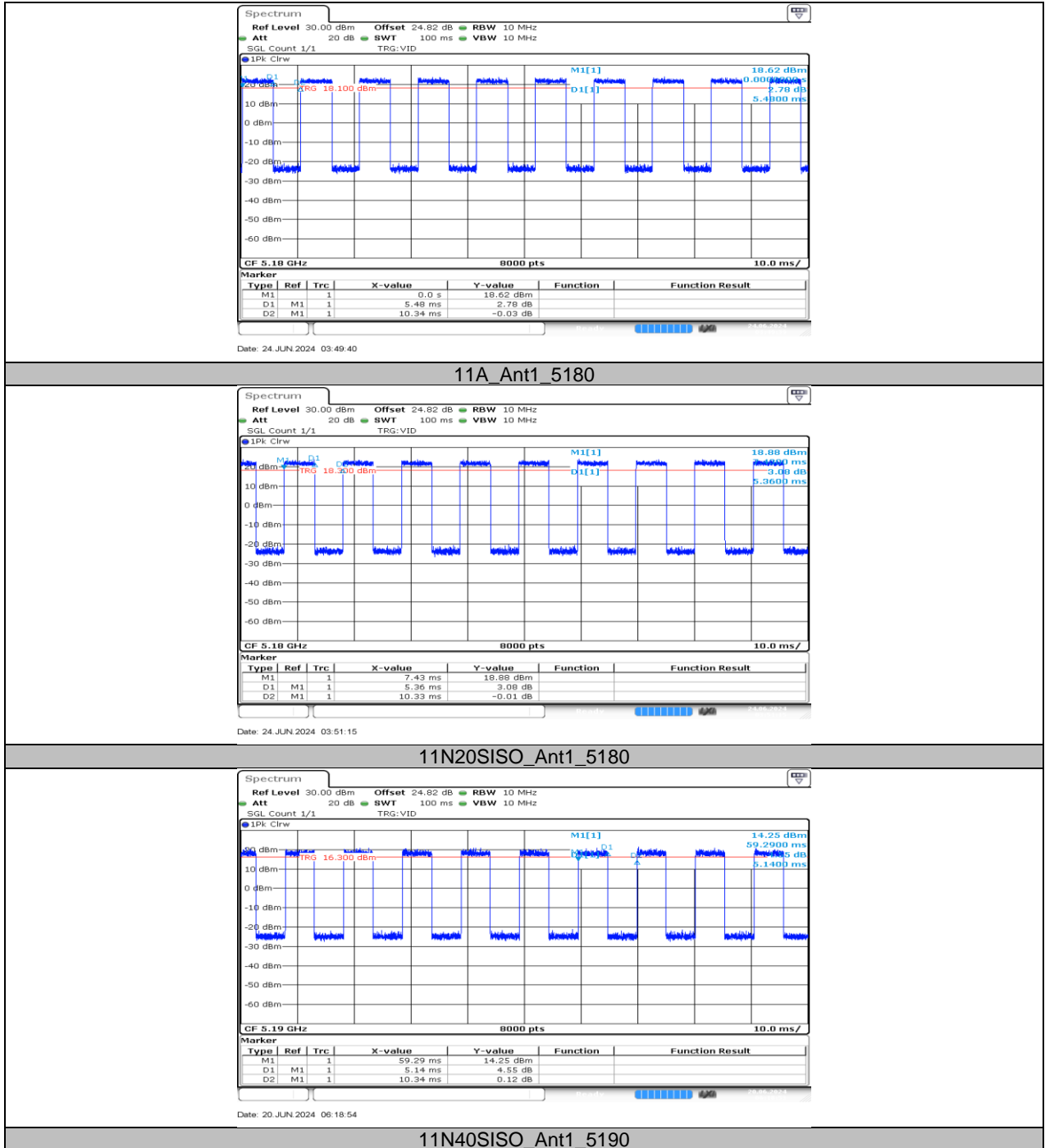
Duty Cycle Correction Factor= $10\log(1/x)$.

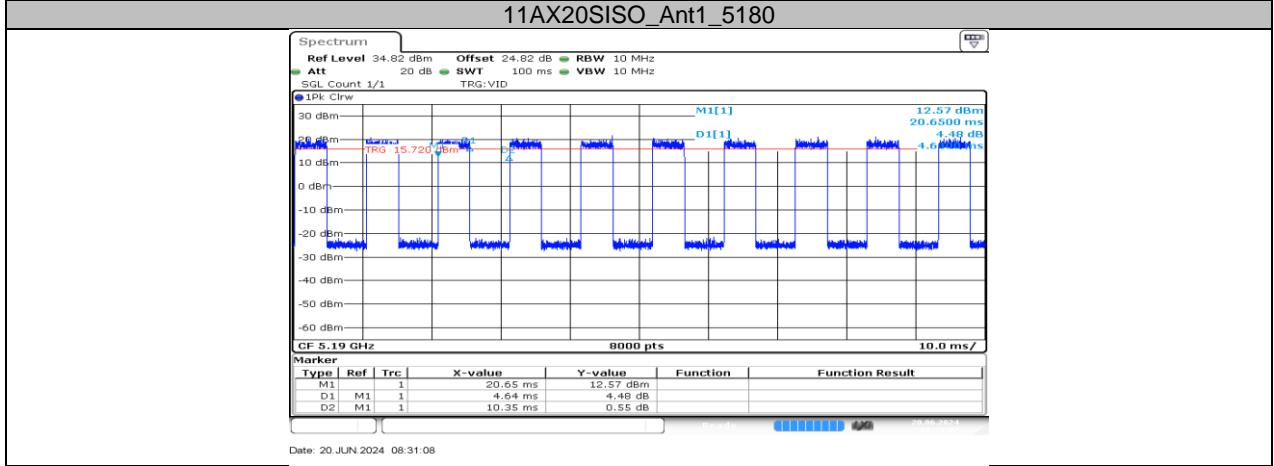
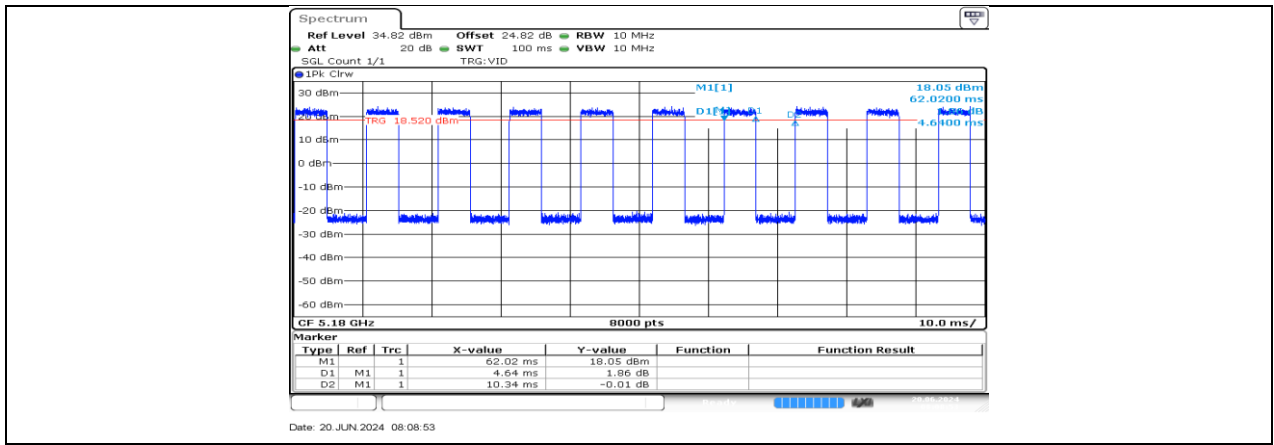
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

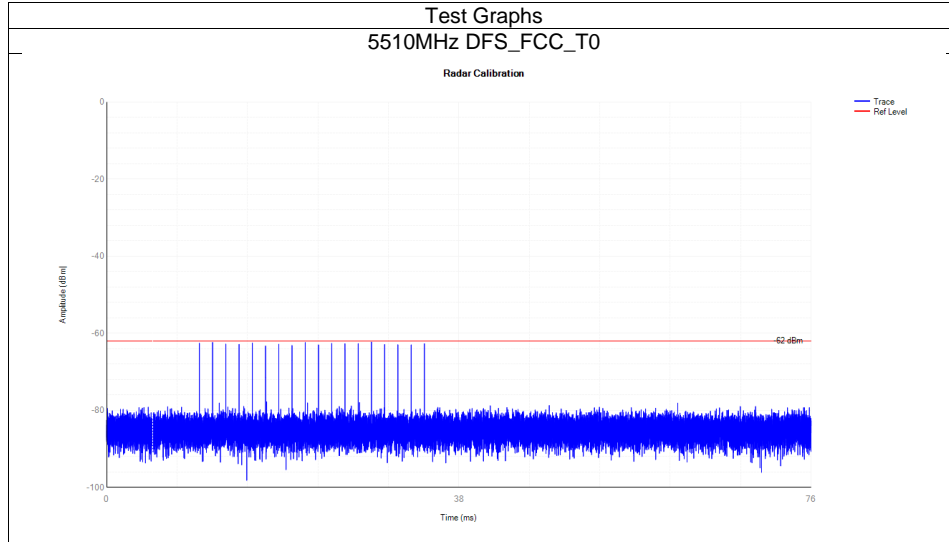
11.7.2. Test Graphs





11.8. APPENDIX H: CALIBRATION

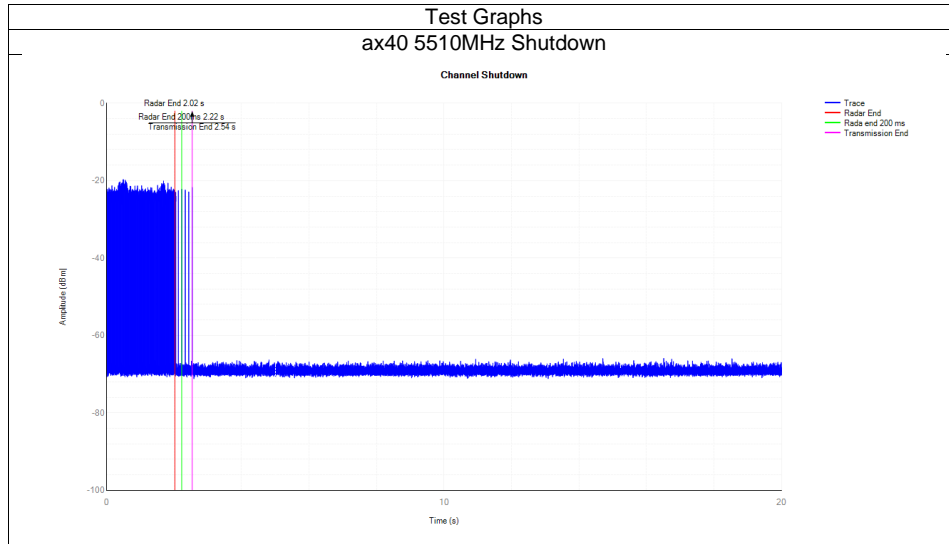
Mode	Frequency (MHz)	Type	Result	Verdict
ax40	5510	DFS_FCC_T0	See test Graph	Pass



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	0.512	10	0.009	0.26	0.005	0.06	Pass

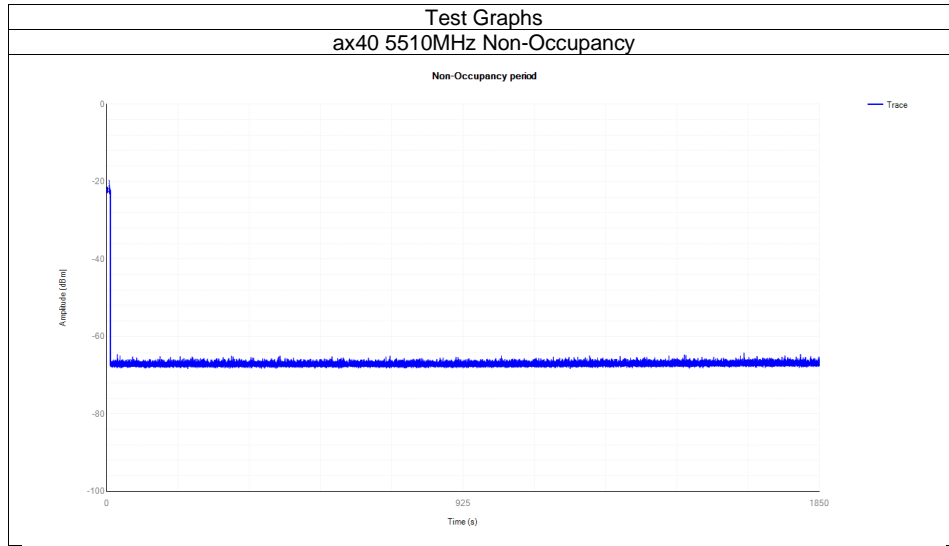
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



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.



END OF REPORT