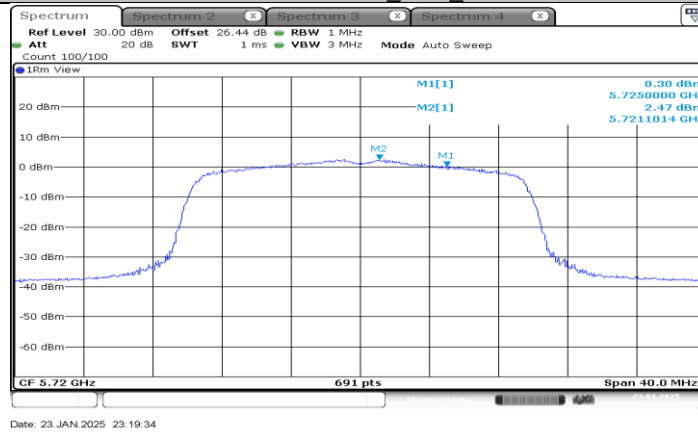
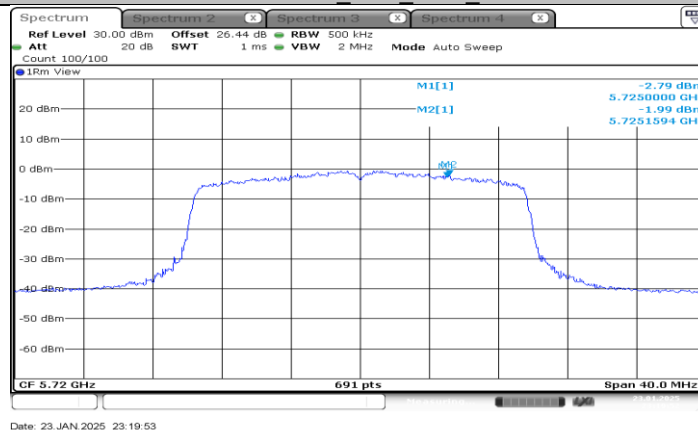


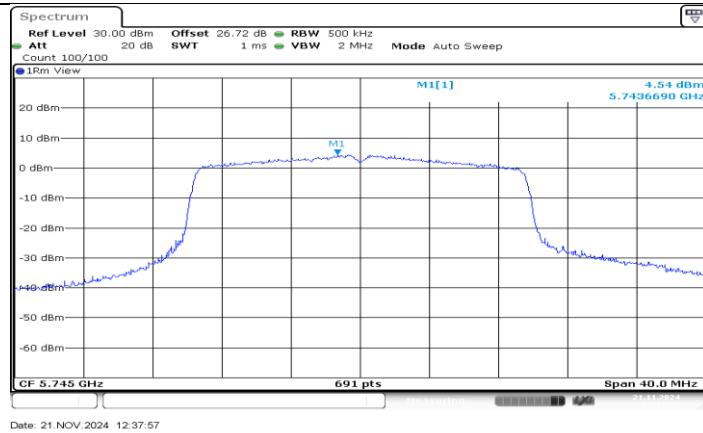
11AX20SISO SU_Ant3_5700



11AX20SISO SU_Ant3_5720_UNII-2C



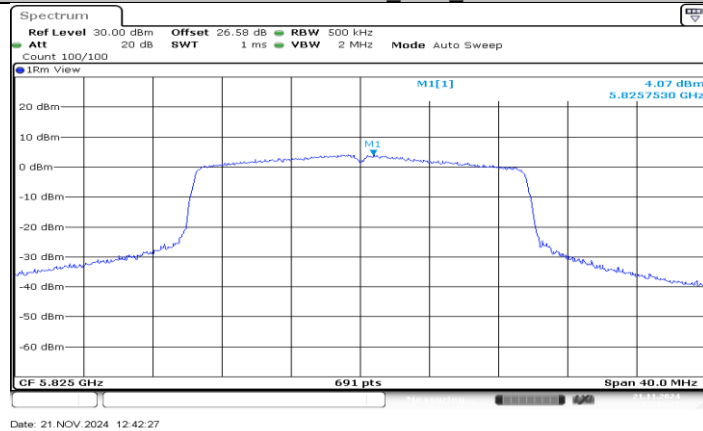
11AX20SISO SU_Ant3_5720_UNII-3



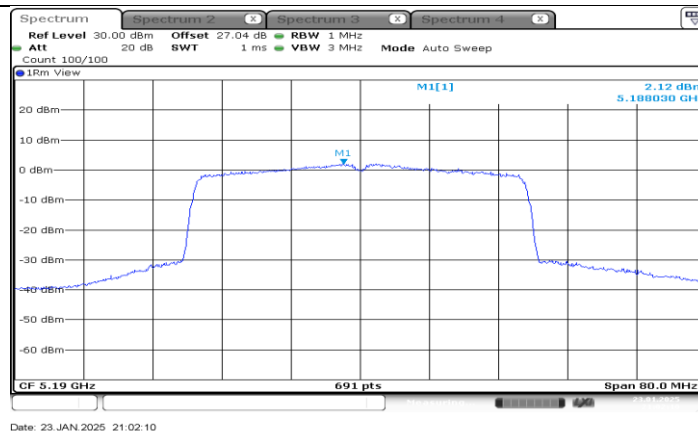
11AX20SISO SU_Ant3_5745



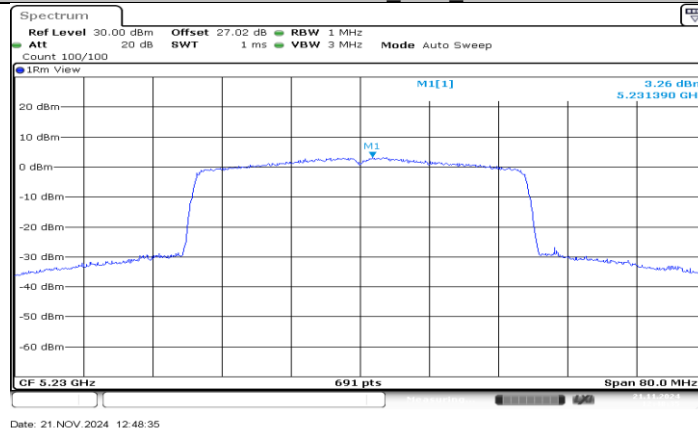
11AX20SISO SU_Ant3_5785



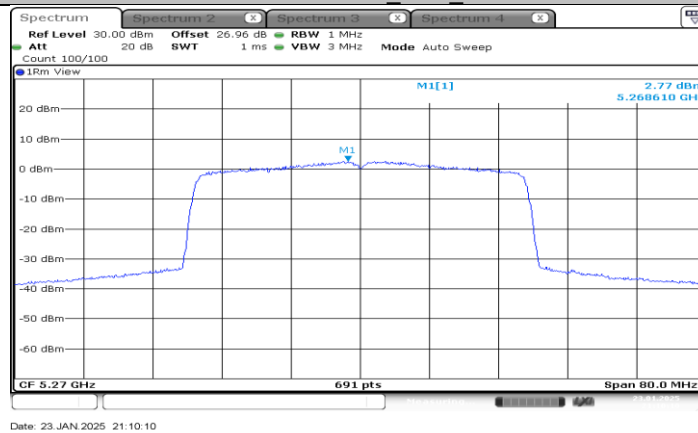
11AX20SISO SU_Ant3_5825



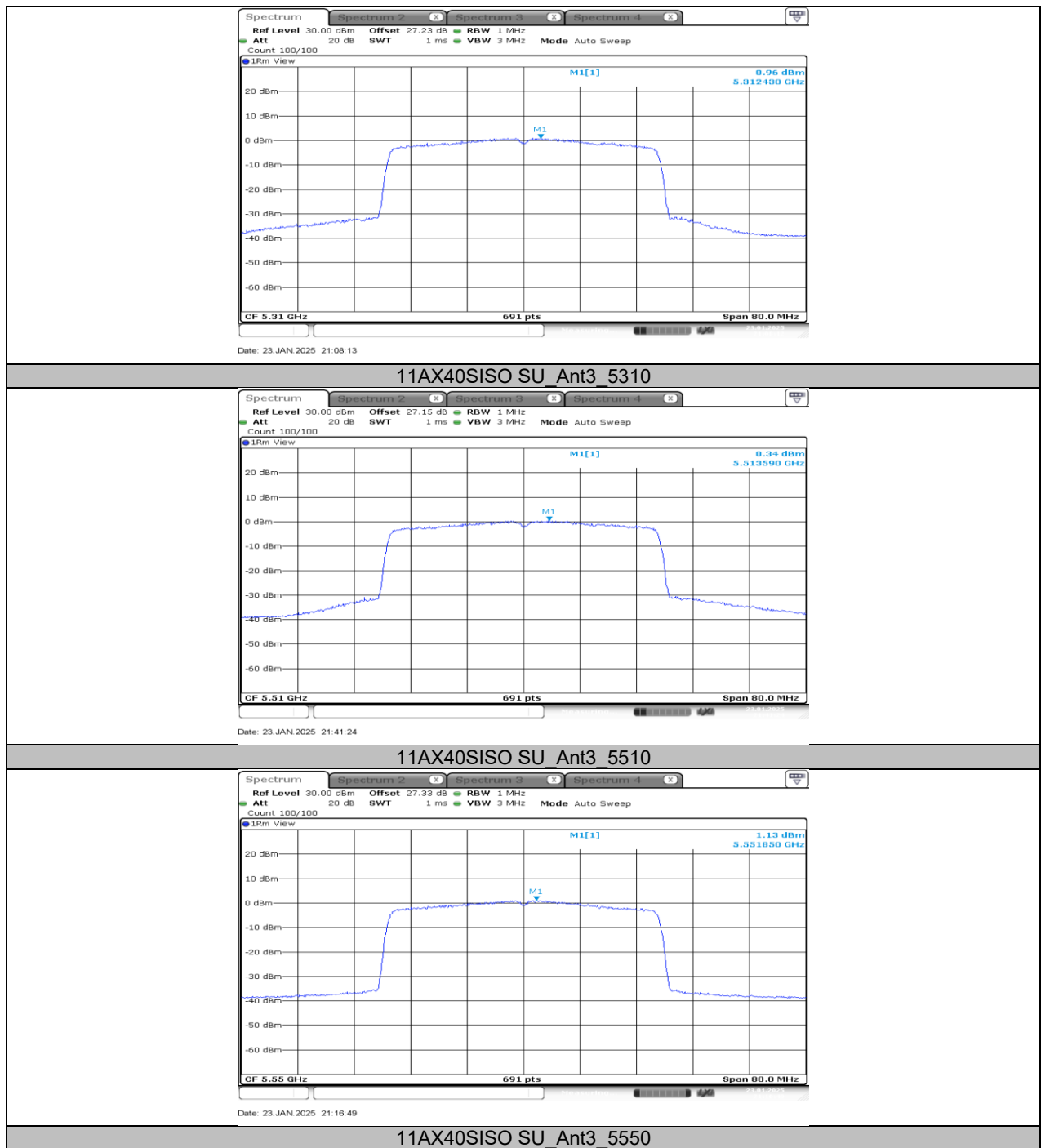
11AX40SISO SU_Ant3_5190

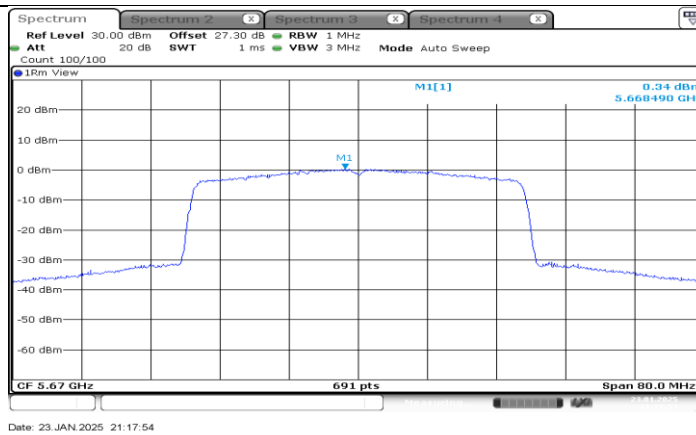


11AX40SISO SU_Ant3_5230

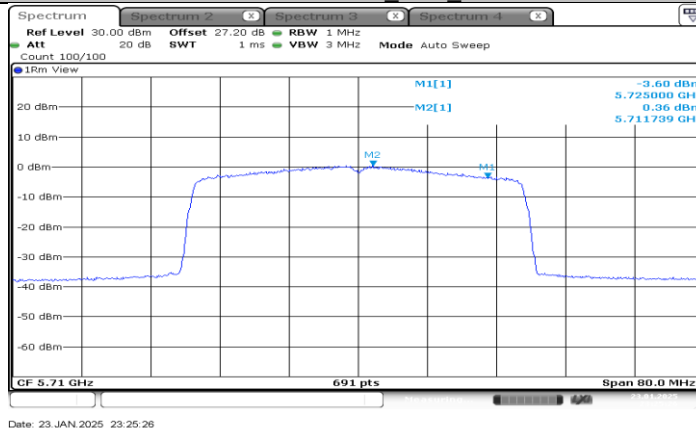


11AX40SISO SU_Ant3_5270

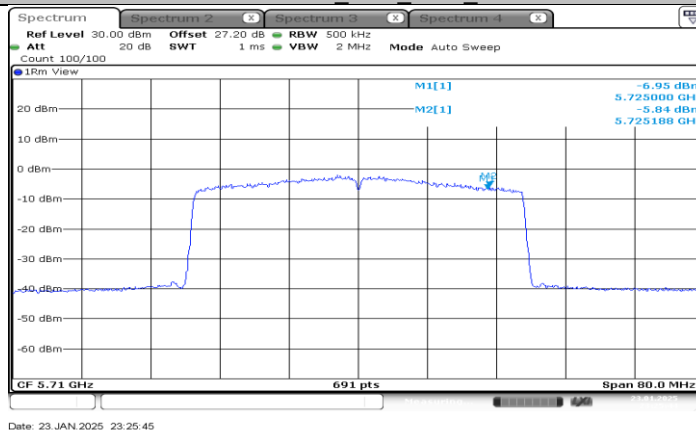




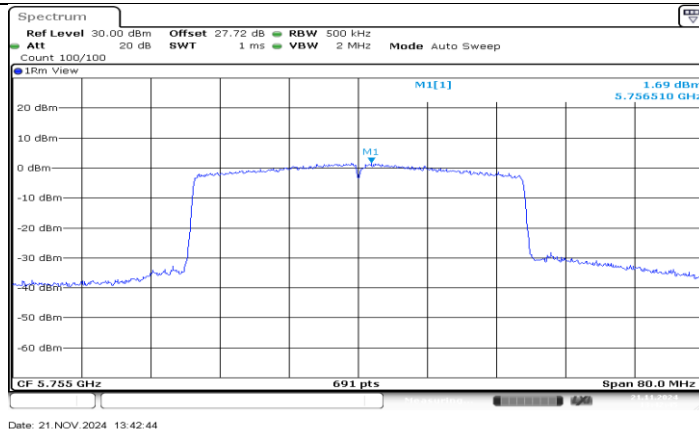
11AX40SISO SU_Ant3_5670



11AX40SISO SU_Ant3_5710_UNII-2C

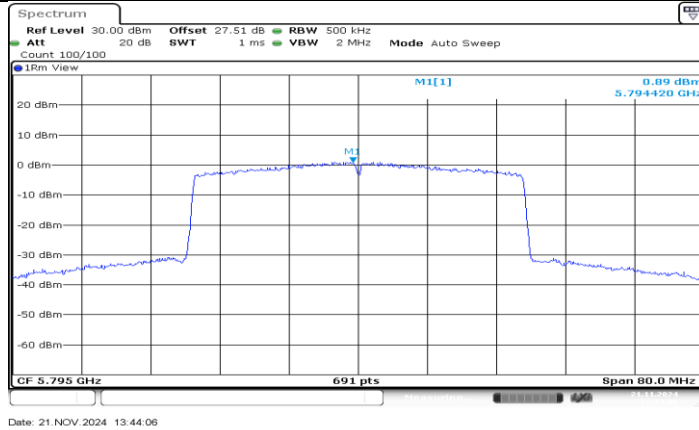


11AX40SISO SU_Ant3_5710_UNII-3



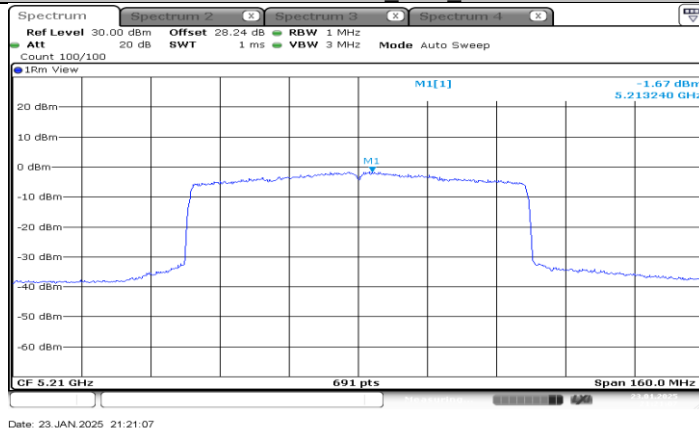
Date: 21 NOV 2024 13:42:44

11AX40SISO SU_Ant3_5755



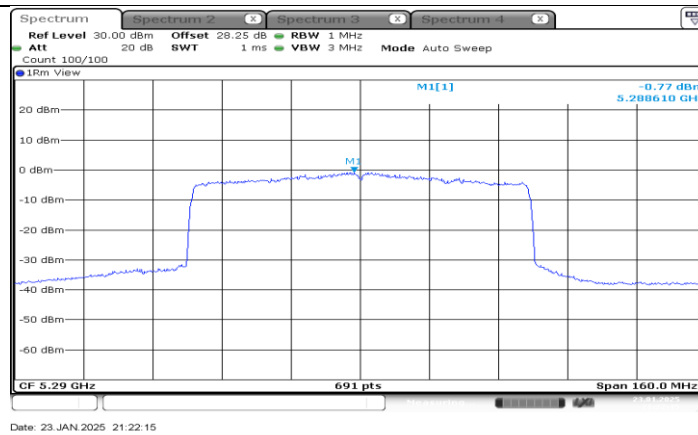
Date: 21 NOV 2024 13:44:08

11AX40SISO SU_Ant3_5795

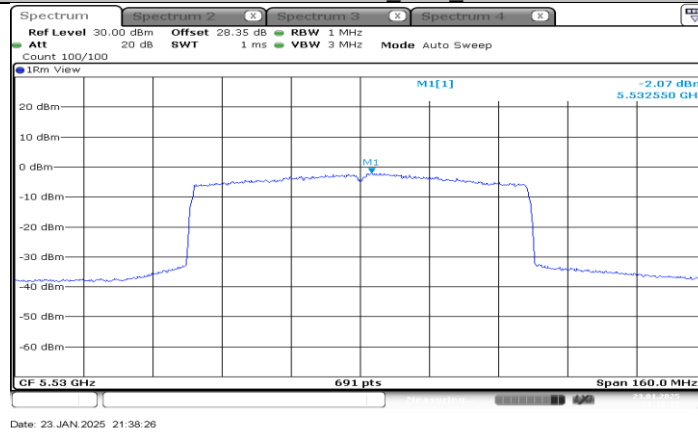


Date: 23 JAN 2025 21:21:07

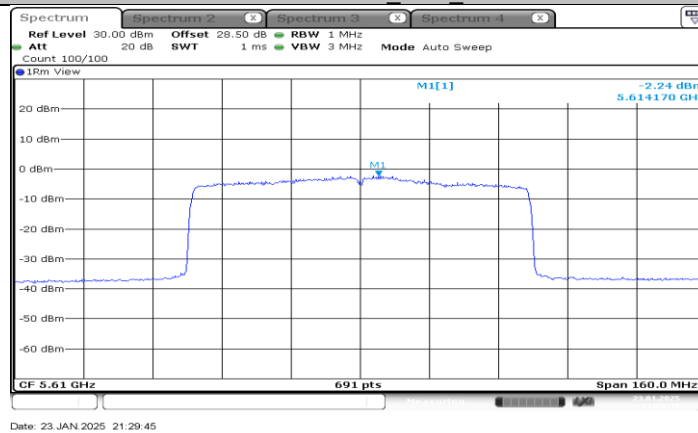
11AX80SISO SU_Ant3_5210



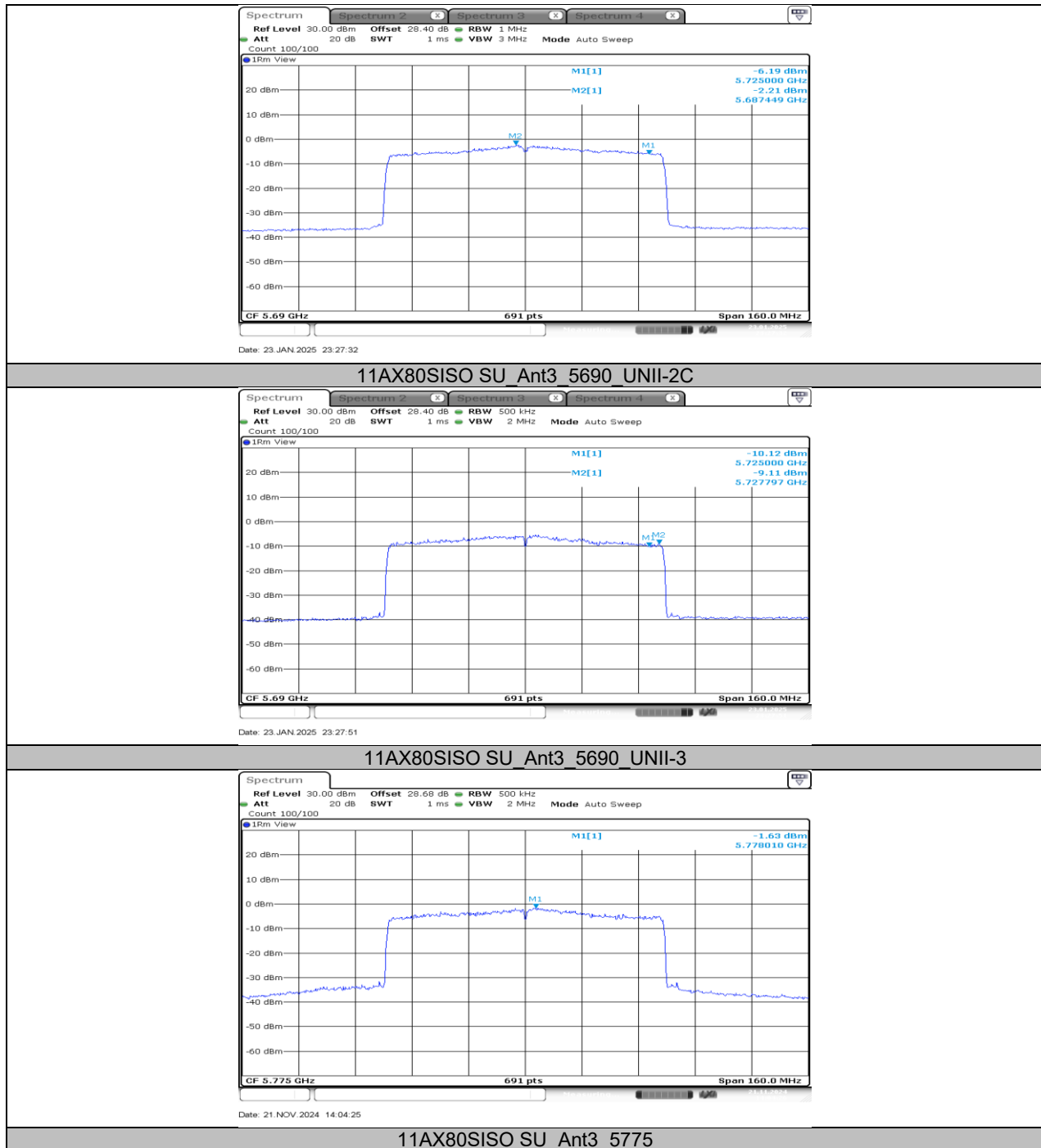
11AX80SISO SU_Ant3_5290

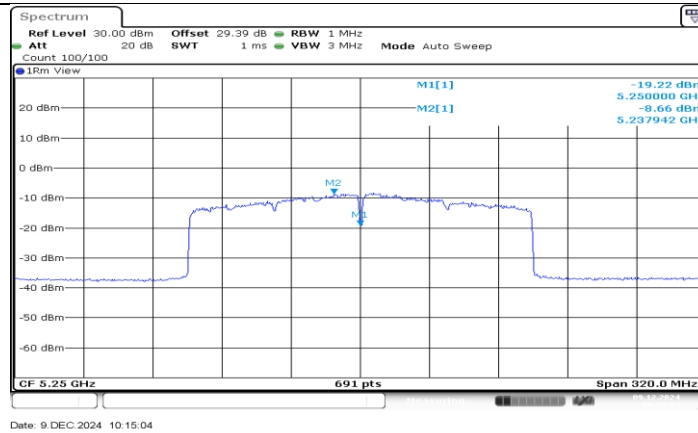


11AX80SISO SU_Ant3_5530

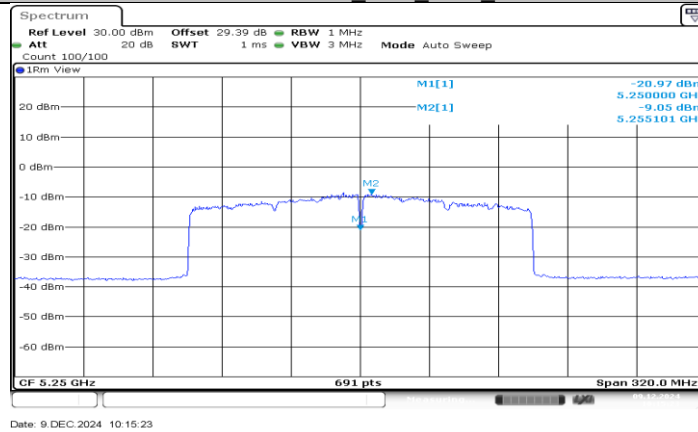


11AX80SISO SU_Ant3_5610

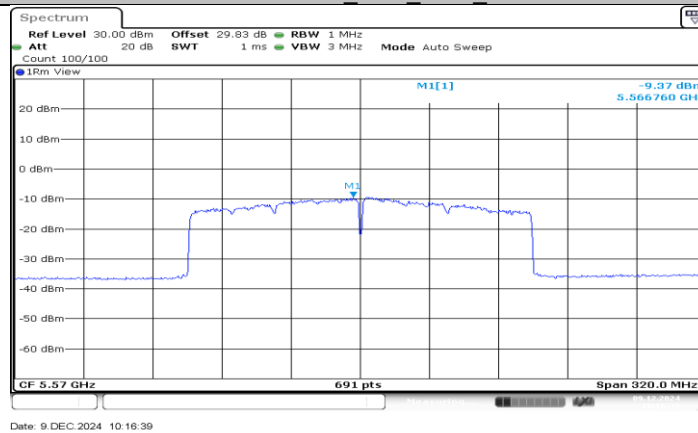




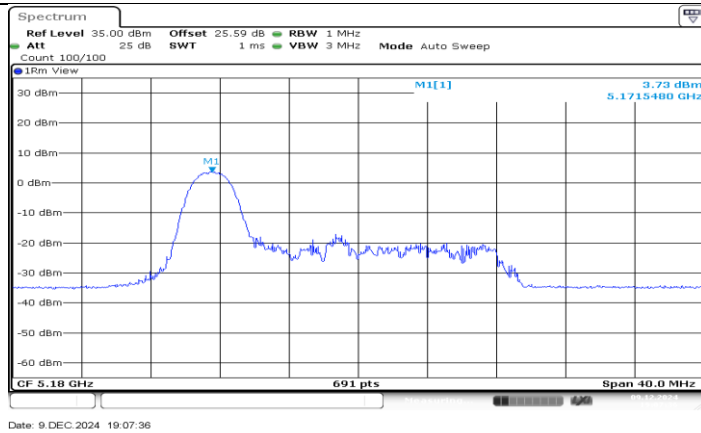
11AX160SISO SU_Ant3_5250_UNII-1



11AX160SISO SU_Ant3_5250_UNII-2A



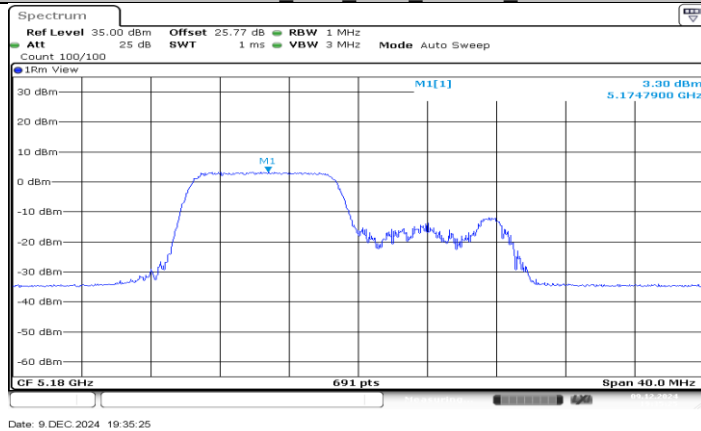
11AX160SISO SU_Ant3_5570



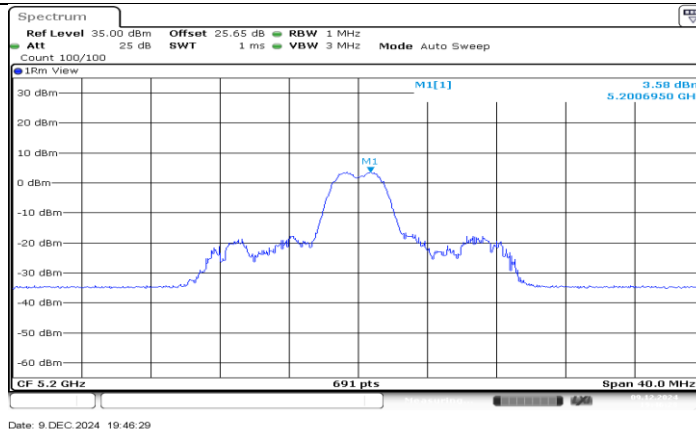
11AX20SISO_Ant3_5180_26Tone_RU0



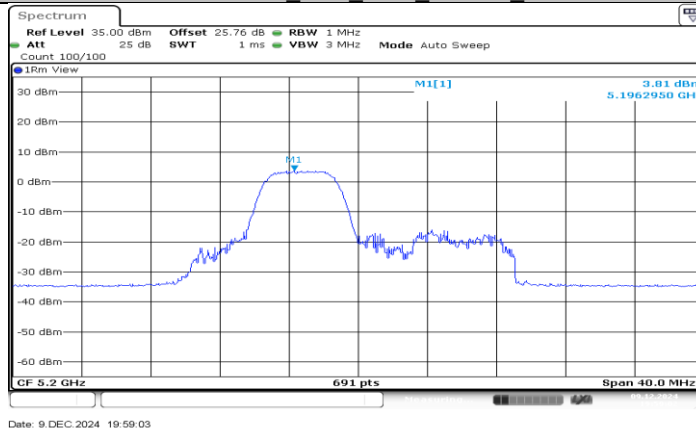
11AX20SISO_Ant3_5180_52Tone_RU37



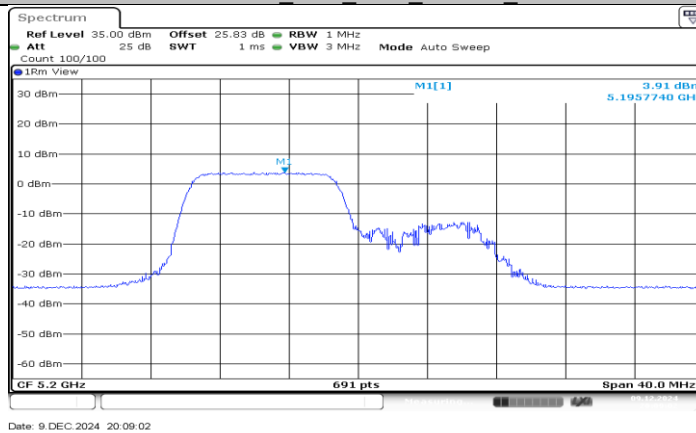
11AX20SISO_Ant3_5180_106Tone_RU53



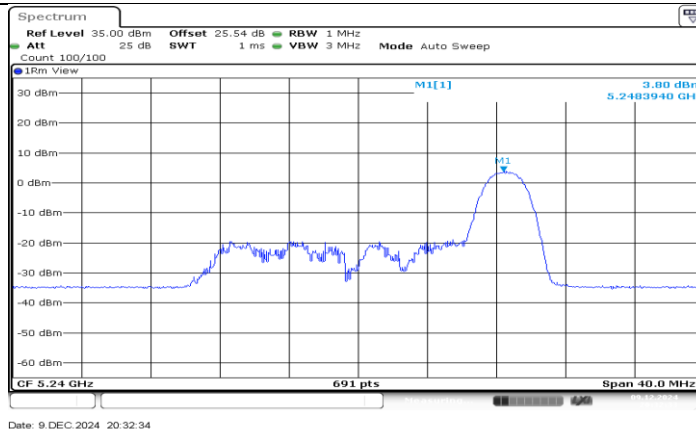
11AX20SISO_Ant3_5200_26Tone_RU4



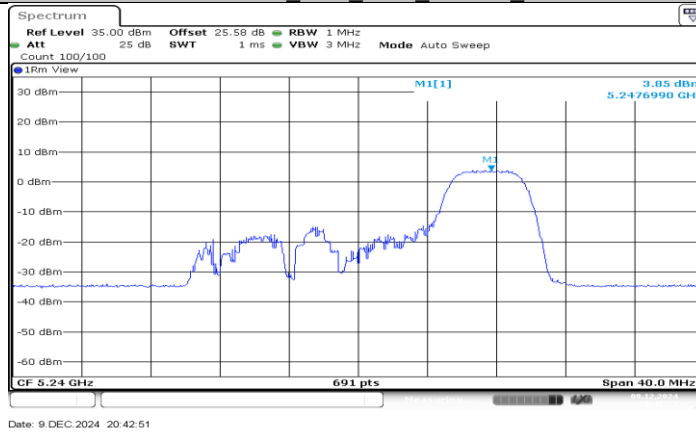
11AX20SISO_Ant3_5200_52Tone_RU38



11AX20SISO_Ant3_5200_106Tone_RU53



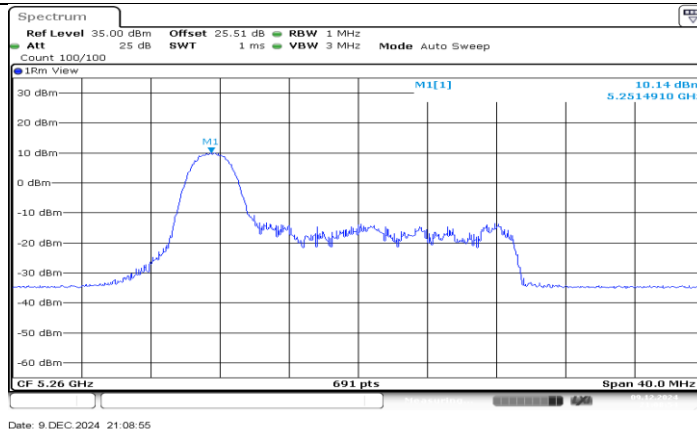
11AX20SISO_Ant3_5240_26Tone_RU8



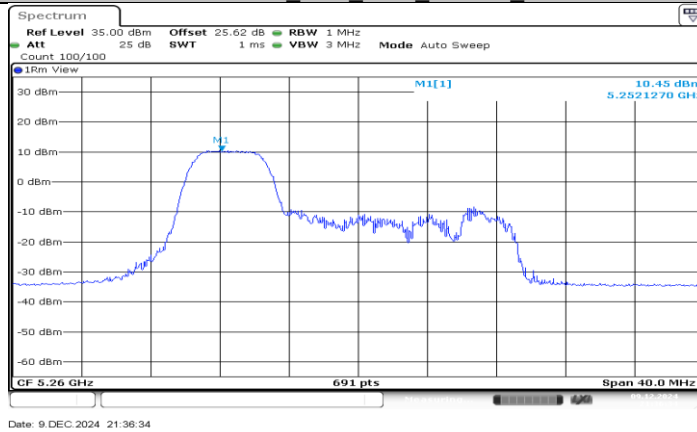
11AX20SISO_Ant3_5240_52Tone_RU40



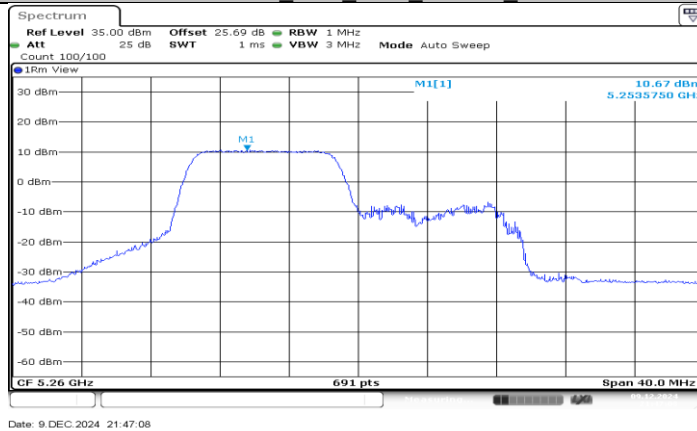
11AX20SISO_Ant3_5240_106Tone_RU54



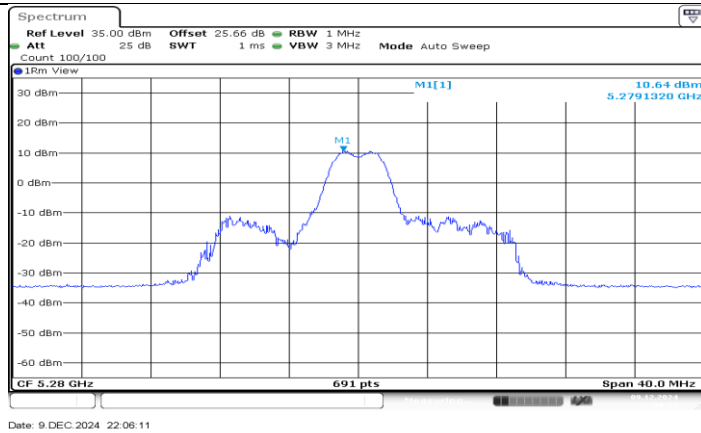
11AX20SISO_Ant3_5260_26Tone_RU0



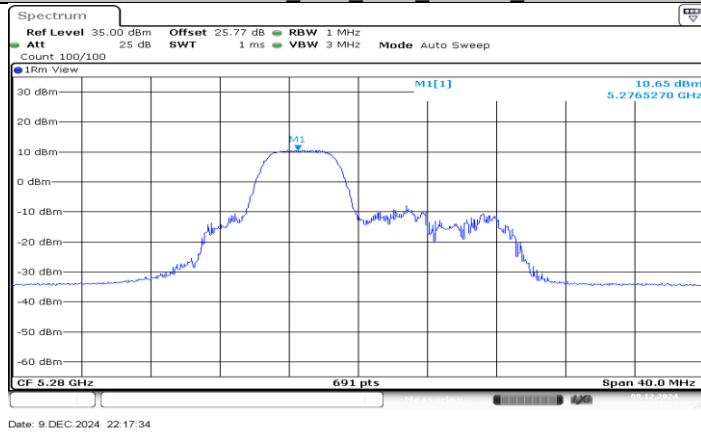
11AX20SISO_Ant3_5260_52Tone_RU37



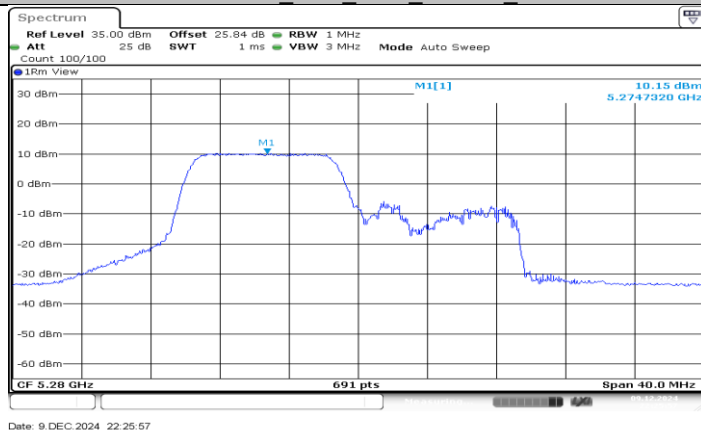
11AX20SISO_Ant3_5260_106Tone_RU53



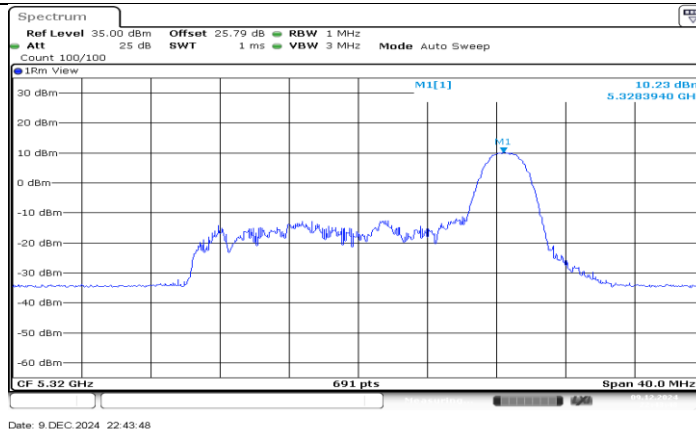
11AX20SISO_Ant3_5280_26Tone_RU4



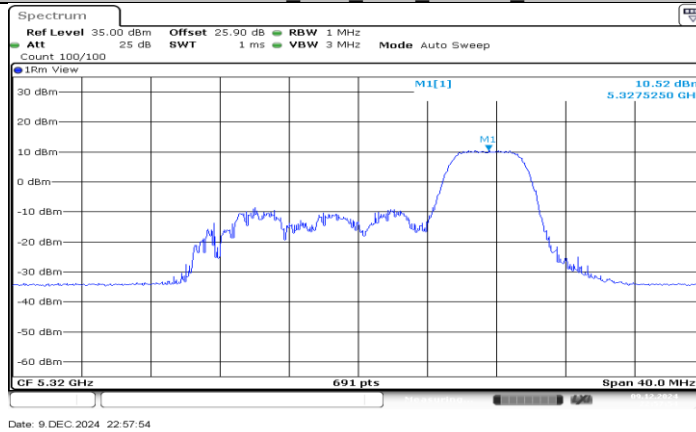
11AX20SISO_Ant3_5280_52Tone_RU38



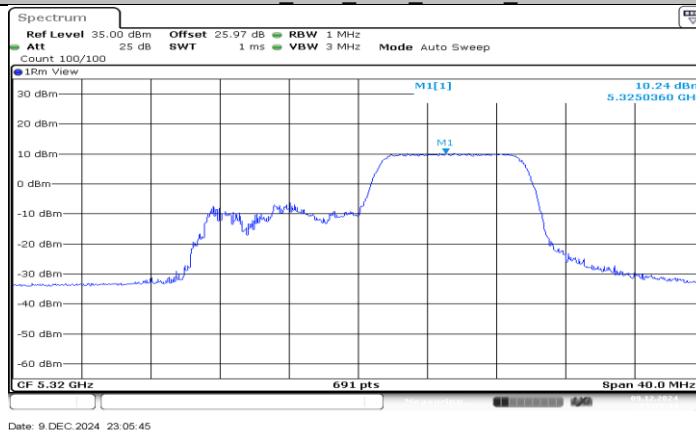
11AX20SISO_Ant3_5280_106Tone_RU53



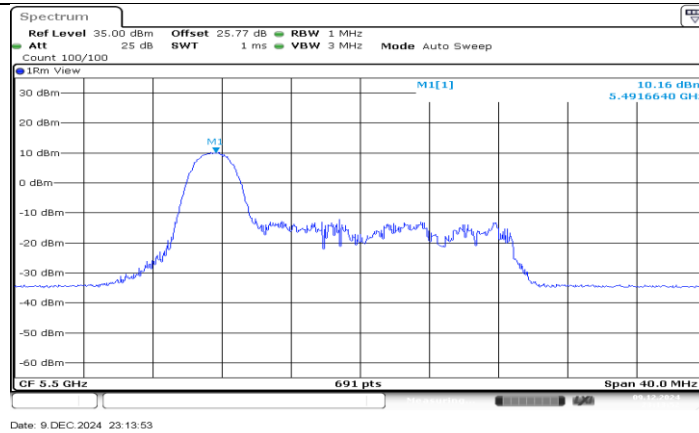
11AX20SISO_Ant3_5320_26Tone_RU8



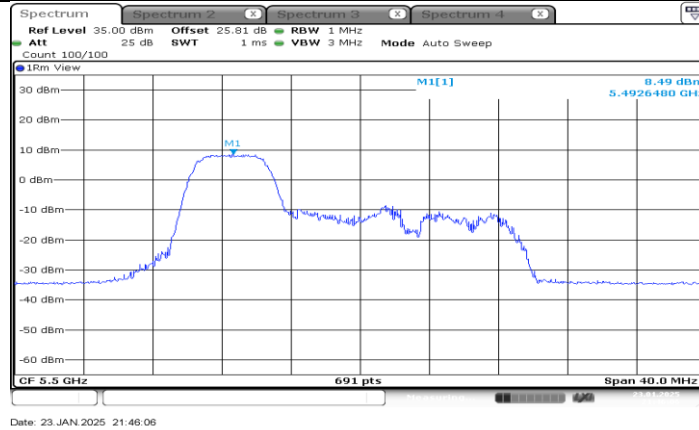
11AX20SISO_Ant3_5320_52Tone_RU40



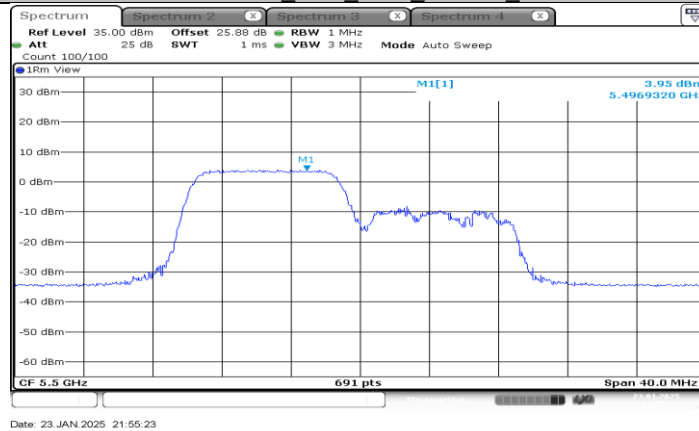
11AX20SISO_Ant3_5320_106Tone_RU54



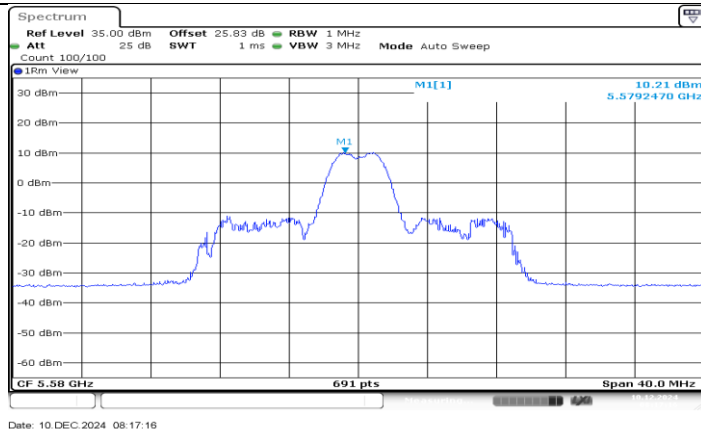
11AX20SISO_Ant3_5500_26Tone_RU0



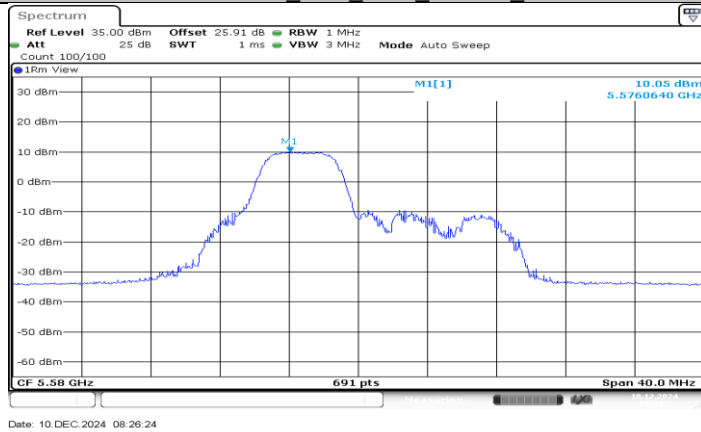
11AX20SISO_Ant3_5500_52Tone_RU37



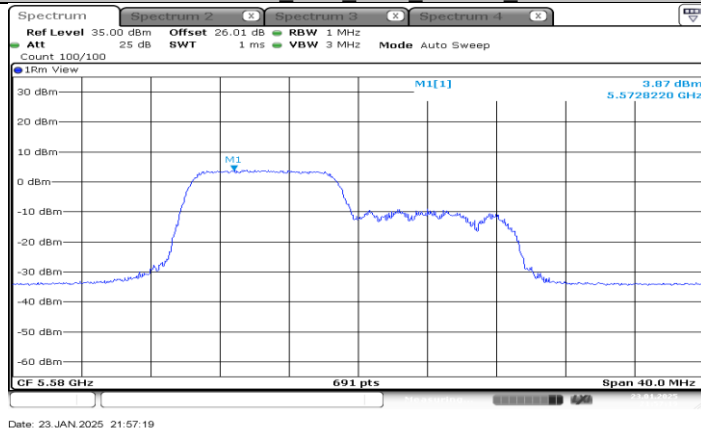
11AX20SISO_Ant3_5500_106Tone_RU53



11AX20SISO_Ant3_5580_26Tone_RU4



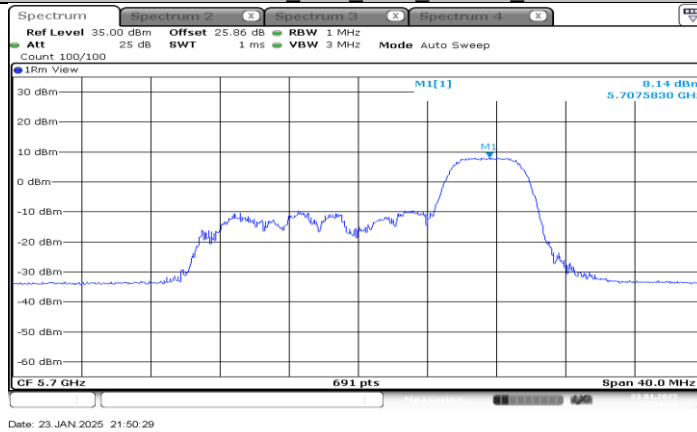
11AX20SISO_Ant3_5580_52Tone_RU38



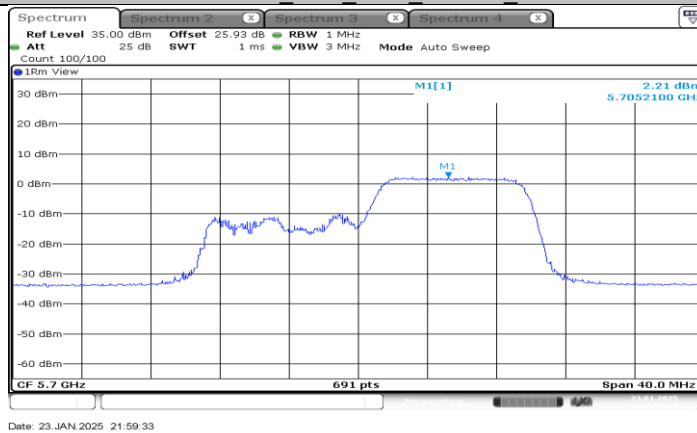
11AX20SISO_Ant3_5580_106Tone_RU53



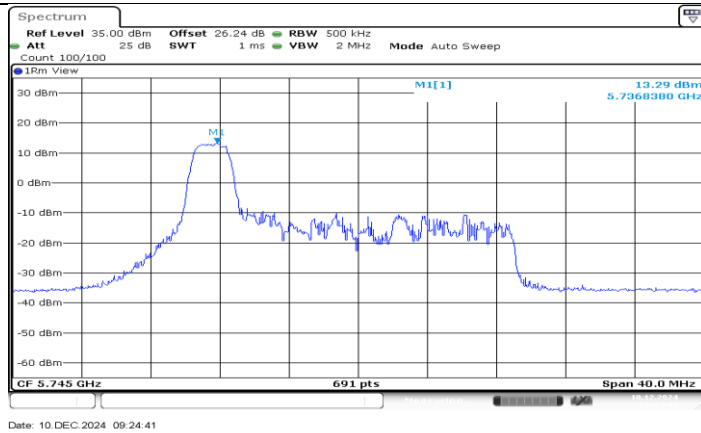
11AX20SISO_Ant3_5700_26Tone_RU8



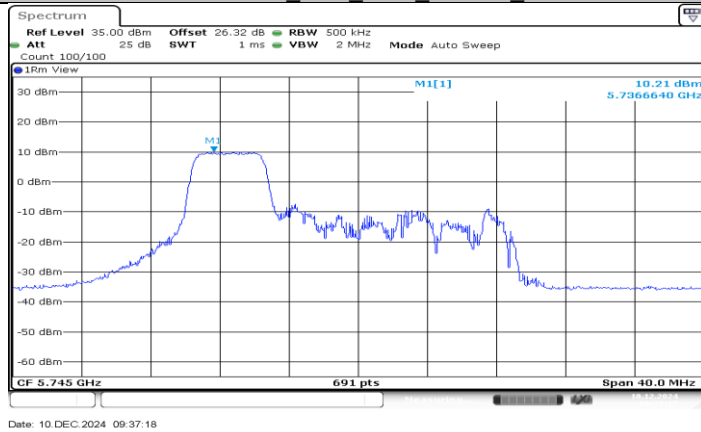
11AX20SISO_Ant3_5700_52Tone_RU40



11AX20SISO_Ant3_5700_106Tone_RU54



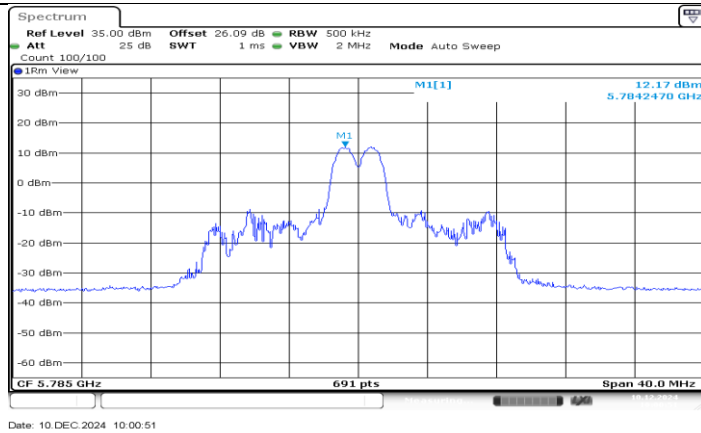
11AX20SISO_Ant3_5745_26Tone_RU0



11AX20SISO_Ant3_5745_52Tone_RU37



11AX20SISO_Ant3_5745_106Tone_RU53



11AX20SISO_Ant3_5785_26Tone_RU4



11AX20SISO_Ant3_5785_52Tone_RU38



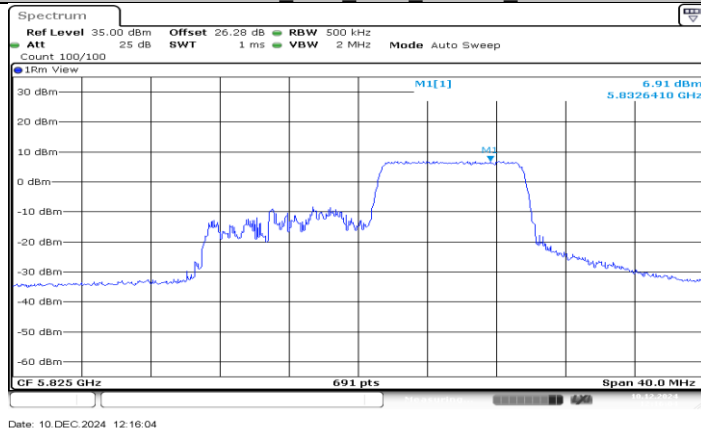
11AX20SISO_Ant3_5785_106Tone_RU53



11AX20SISO_Ant3_5825_26Tone_RU8



11AX20SISO_Ant3_5825_52Tone_RU40



11AX20SISO_Ant3_5825_106Tone_RU54

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5180MHz									
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	5180.0092	1.78	5180.0148	2.85	5179.9987	-0.26	5180.0067	1.29
TN	VN	5180.0021	0.41	5179.9848	-2.93	5179.9955	-0.87	5180.0009	0.17
TN	VH	5179.9911	-1.72	5179.9992	-0.16	5180.0057	1.10	5179.9891	-2.10
Frequency Error vs. Temperature									
802.11a:5180MHz									
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	5180.0020	0.38	5180.0163	3.14	5180.0111	2.14	5179.9841	-3.08
60	VN	5179.9852	-2.85	5179.9945	-1.05	5180.0174	3.37	5180.0056	1.07
50	VN	5180.0188	3.64	5179.9988	-0.24	5179.9768	-4.48	5179.9817	-3.53
40	VN	5179.9914	-1.66	5180.0077	1.48	5179.9941	-1.13	5180.0210	4.05
30	VN	5180.0024	0.45	5180.0135	2.60	5179.9981	-0.36	5179.9965	-0.67
20	VN	5180.0127	2.46	5179.9894	-2.05	5180.0001	0.02	5180.0196	3.78
10	VN	5180.0077	1.49	5179.9809	-3.70	5180.0019	0.36	5180.0224	4.33
0	VN	5180.0193	3.72	5180.0113	2.19	5180.0054	1.04	5179.9815	-3.58
-10	VN	5179.9871	-2.49	5180.0063	1.22	5180.0156	3.00	5180.0221	4.28

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.

Frequency Error vs. Voltage									
802.11a:5825MHz									
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	5824.9907	-1.60	5825.0207	3.55	5824.9857	-2.45	5824.9878	-2.10
TN	VN	5824.9761	-4.11	5824.9990	-0.18	5825.0181	3.10	5825.0010	0.17
TN	VH	5824.9769	-3.96	5824.9826	-2.99	5825.0200	3.43	5825.0243	4.16
Frequency Error vs. Temperature									
802.11a:5825MHz									
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	5824.9849	-2.59	5825.0071	1.22	5824.9837	-2.81	5825.0212	3.63
60	VN	5825.0068	1.17	5825.0137	2.35	5824.9929	-1.22	5824.9968	-0.55
50	VN	5824.9940	-1.03	5824.9936	-1.10	5825.0171	2.93	5825.0007	0.11
40	VN	5824.9939	-1.05	5825.0104	1.78	5825.0153	2.62	5825.0204	3.51
30	VN	5824.9987	-0.23	5825.0062	1.06	5824.9847	-2.62	5824.9996	-0.07
20	VN	5825.0074	1.28	5824.9805	-3.35	5825.0249	4.27	5824.9926	-1.27
10	VN	5824.9952	-0.82	5825.0213	3.66	5824.9753	-4.24	5825.0203	3.49
0	VN	5824.9907	-1.60	5825.0068	1.17	5825.0226	3.88	5825.0232	3.98
-10	VN	5825.0163	2.80	5824.9795	-3.53	5825.0143	2.46	5825.0119	2.04

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	1.39	1.75	0.7943	79.43	1.00	0.72	1
11N20SISO	1.3	1.67	0.7784	77.84	1.09	0.77	1
11N40SISO	0.64	0.99	0.6465	64.65	1.89	1.56	2
11AC80SISO	0.32	0.68	0.4706	47.06	3.27	3.13	4
11AC160SISO	0.18	0.54	0.3333	33.33	4.77	5.56	6
11AX20SISO SU	1.02	1.36	0.7500	75.00	1.25	0.98	1
11AX40SISO SU	0.54	0.9	0.6000	60.00	2.22	1.85	2
11AX80SISO SU	0.3	0.65	0.4615	46.15	3.36	3.33	4
11AX160SISO SU	0.18	0.53	0.3396	33.96	4.69	5.56	6

Test Mode	RuSize	RuIndex	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)
11AX20SISO	26Tone	RU0	1.6	1.91	0.8377	83.77	0.77	0.63	1
	52Tone	RU38	1.52	1.85	0.8216	82.16	0.85	0.66	1
	106Tone	RU54	1.39	1.73	0.8035	80.35	0.95	0.72	1

Note:

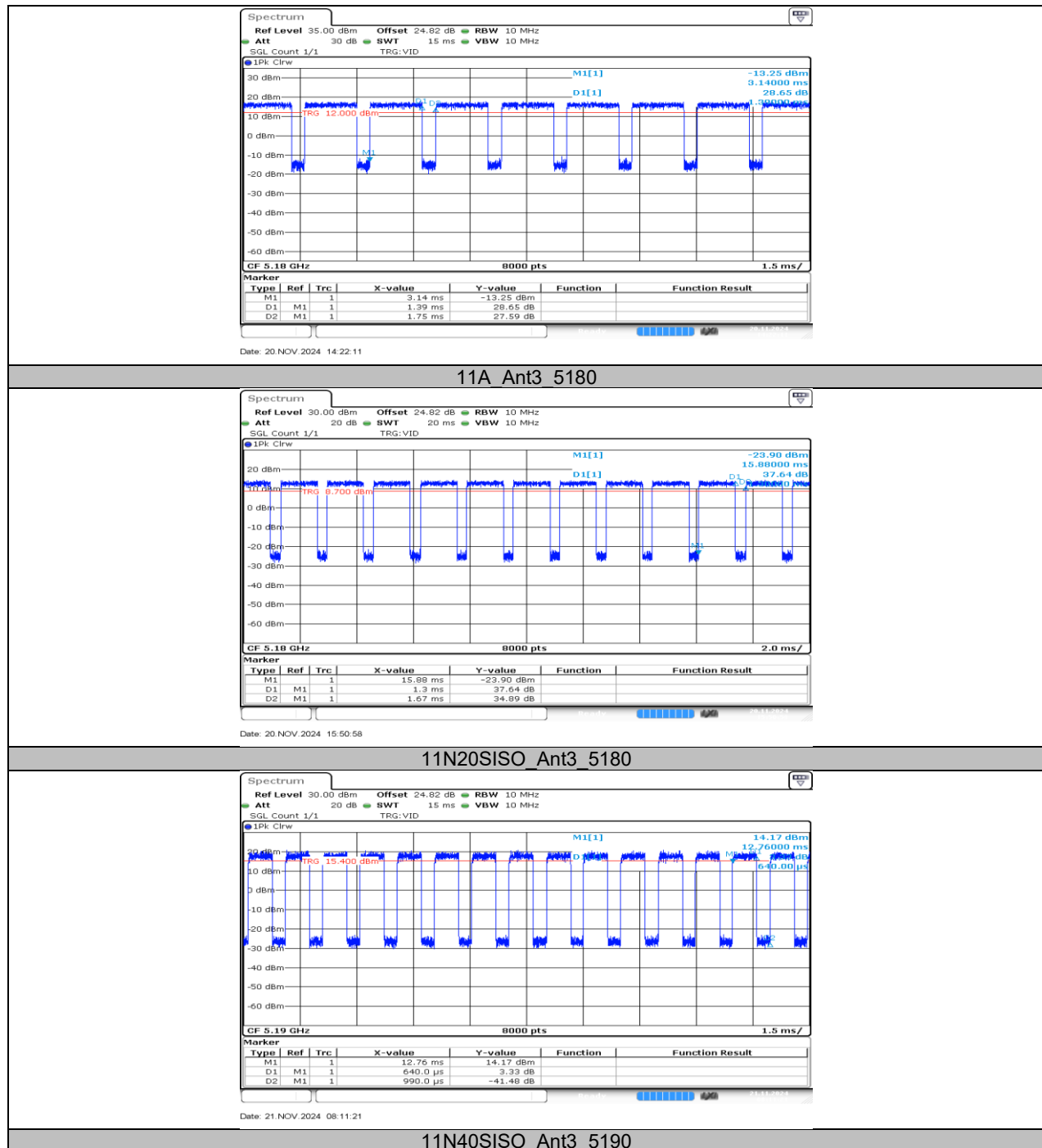
Duty Cycle Correction Factor=10log (1/x).

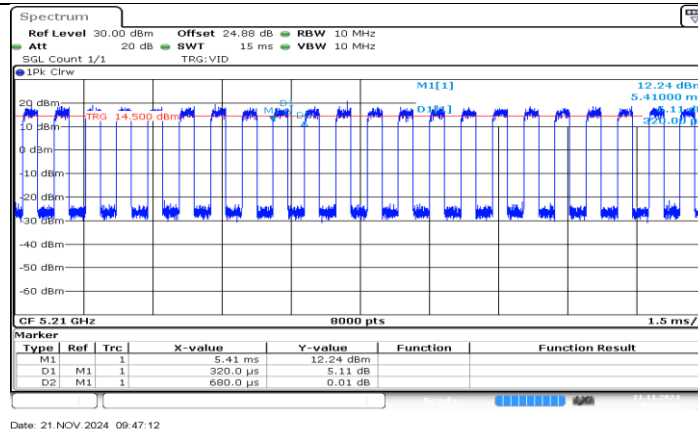
Where: x is Duty Cycle (Linear)

Where: T is On Time

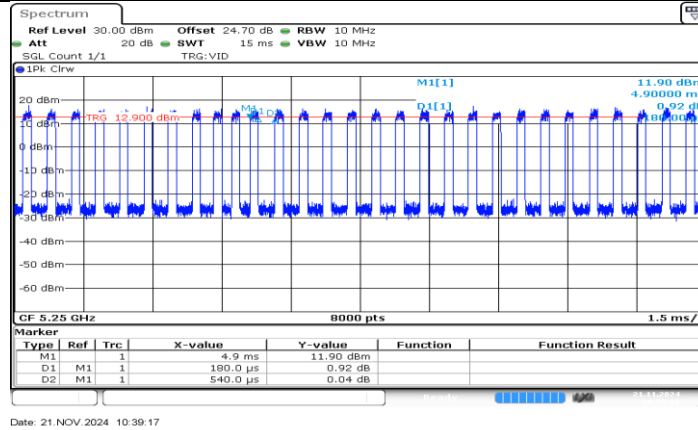
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

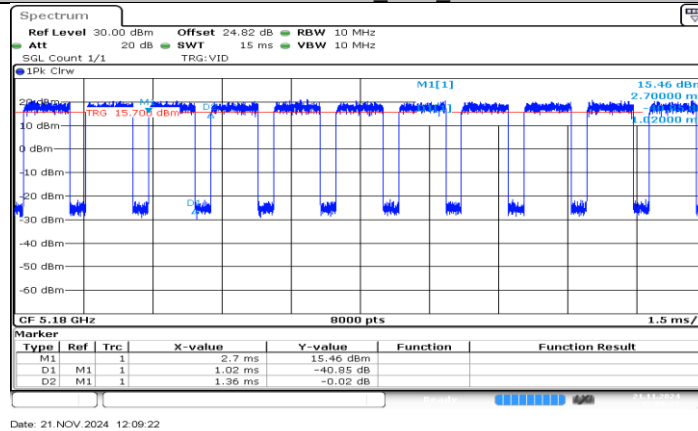




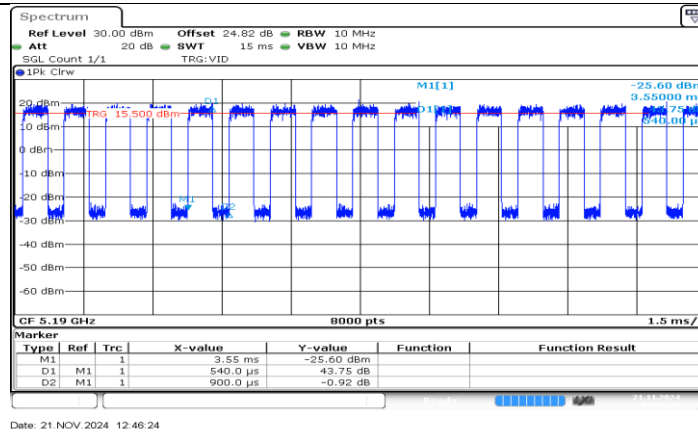
11AC80SISO_Ant3_5210



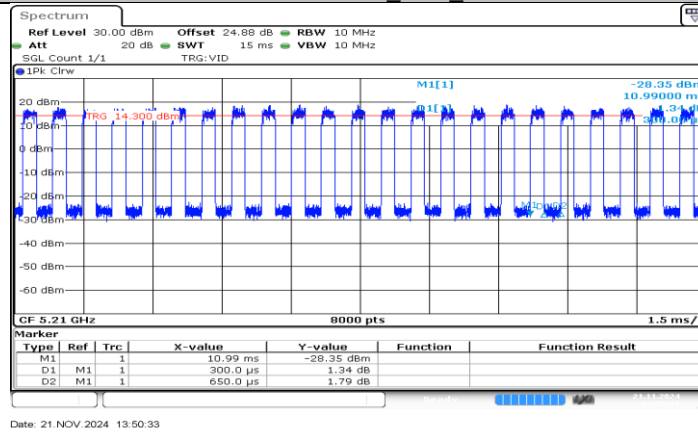
11AC160SISO_Ant3_5250



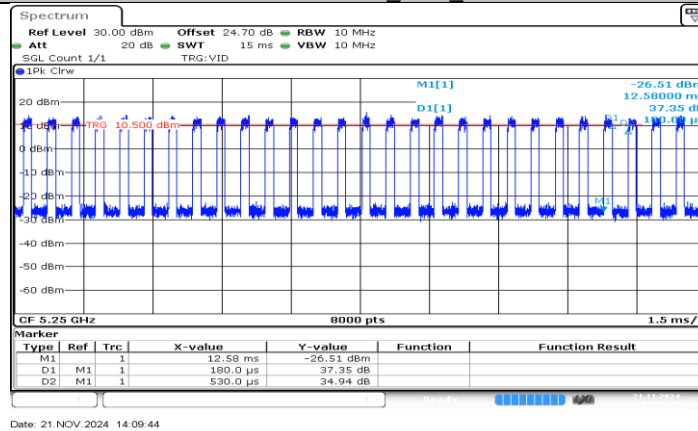
11AX20SISO_SU_Ant3_5180



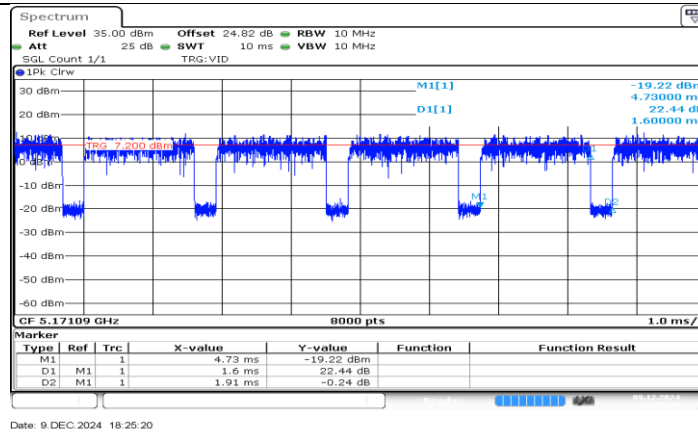
11AX40SISO SU_Ant3_5190



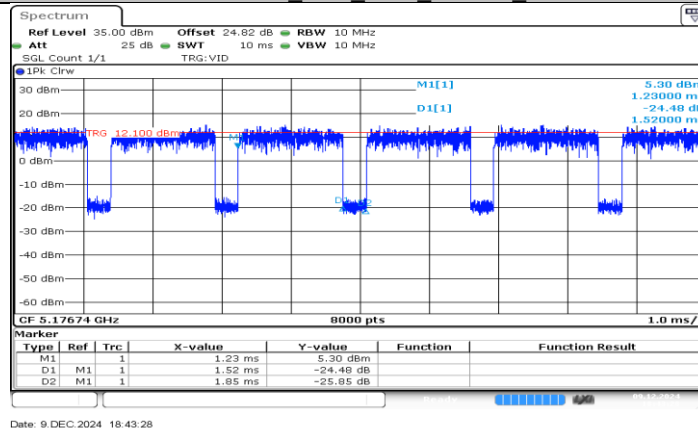
11AX80SISO SU_Ant3_5210



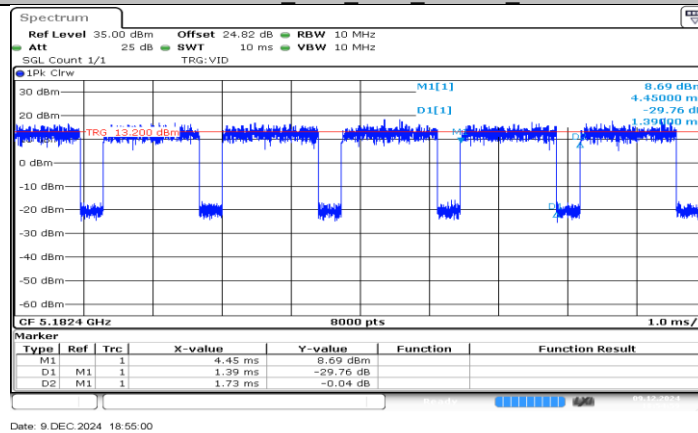
11AX160SISO SU_Ant3_5250



11AX20SISO_Ant3_5180_26Tone_RU0



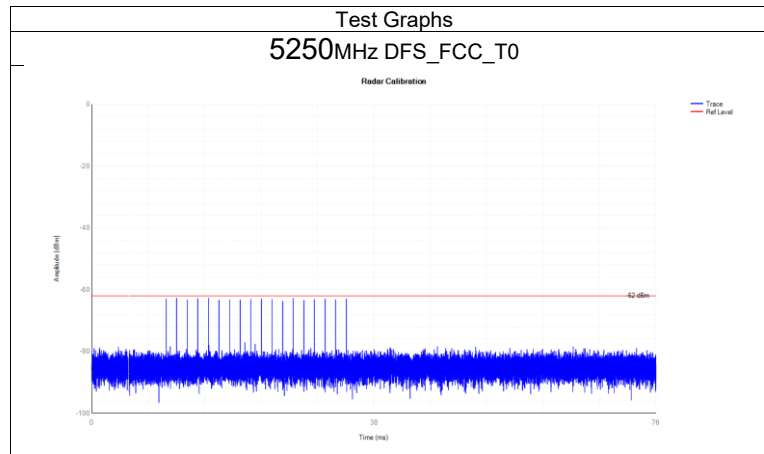
11AX20SISO_Ant3_5180_52Tone_RU38



11AX20SISO_Ant3_5180_106Tone_RU54

11.8. 11.7. APPENDIX H: CALIBRATION

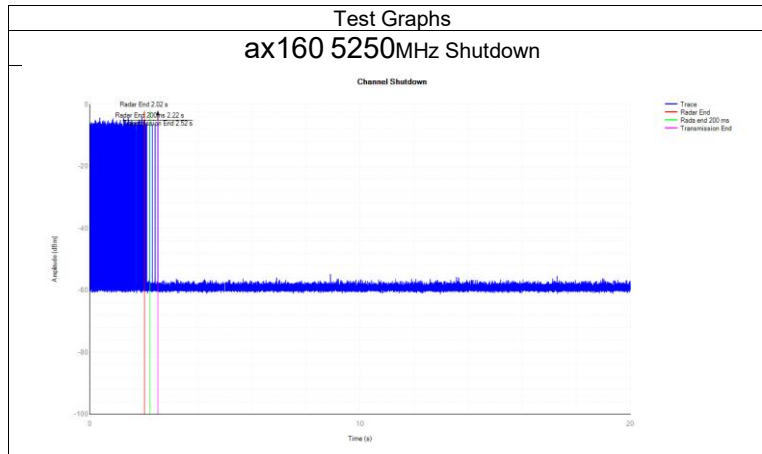
Mode	Frequency (MHz)	Type	Result	Verdict
ax160	5250	DFS_FCC_T0	See test Graph	Pass



11.9. 11.7. 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
ax160	5250	0.496	10	0.027	0.26	0.004	0.06	Pass

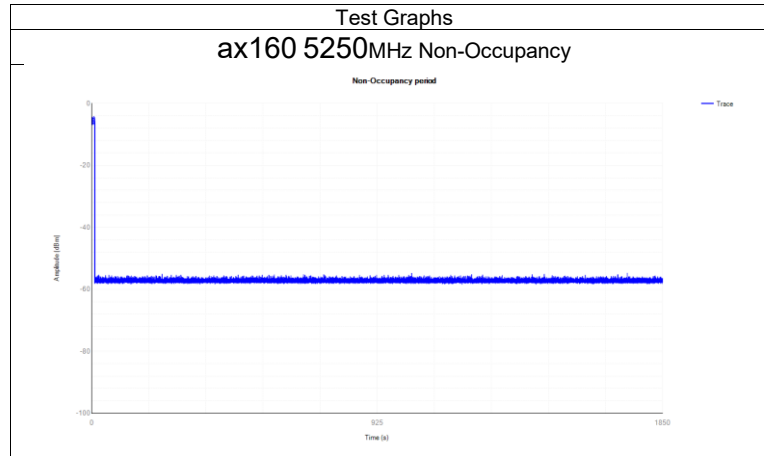
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



11.10. 11.7. APPENDIX J: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
ax160	5250	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