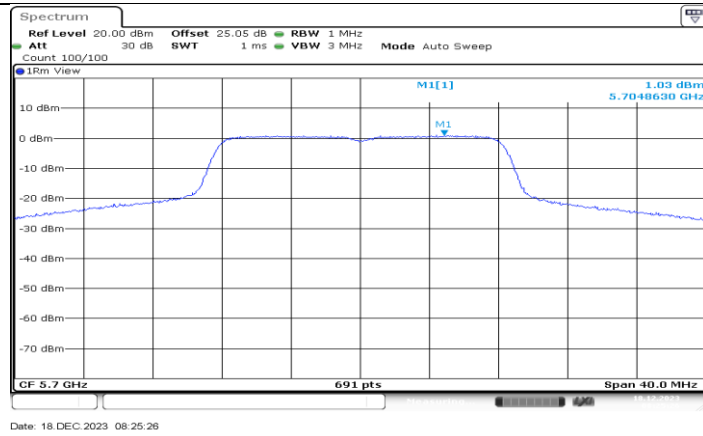
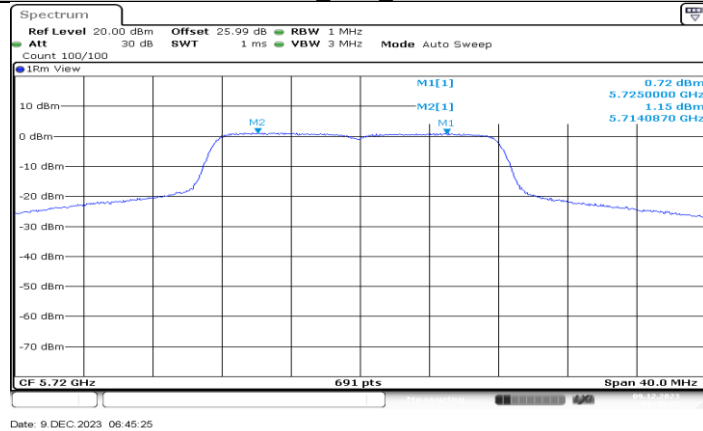
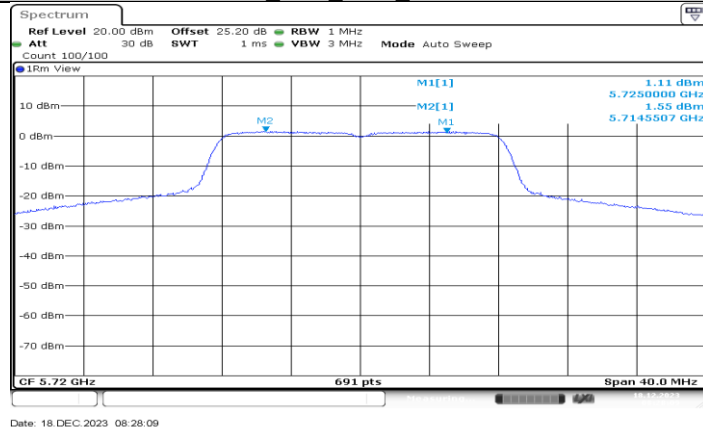




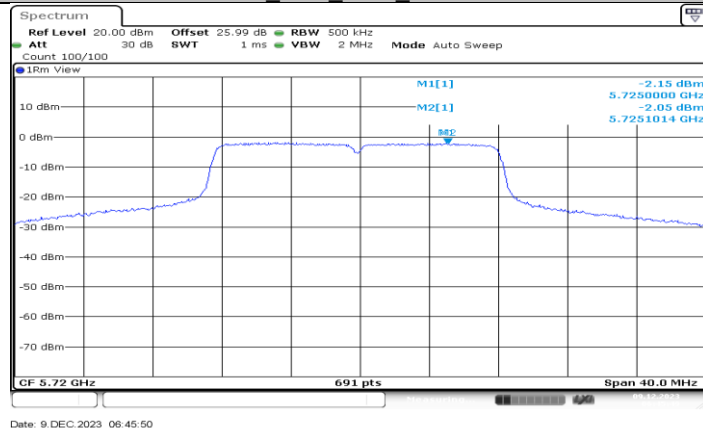
11A Ant2 5700



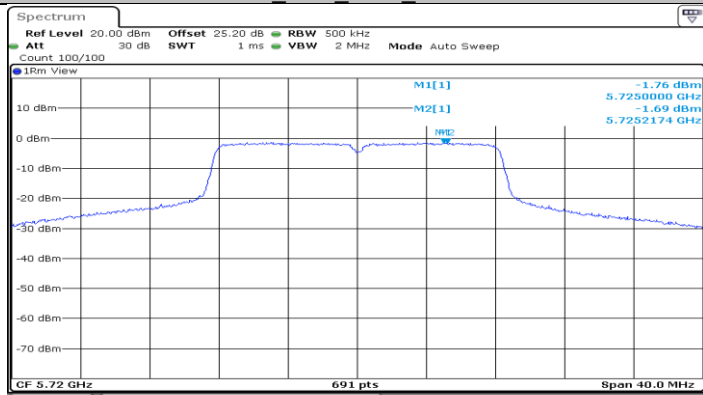
11A Ant1 5720_UNII-2C



11A Ant2 5720_UNII-2C

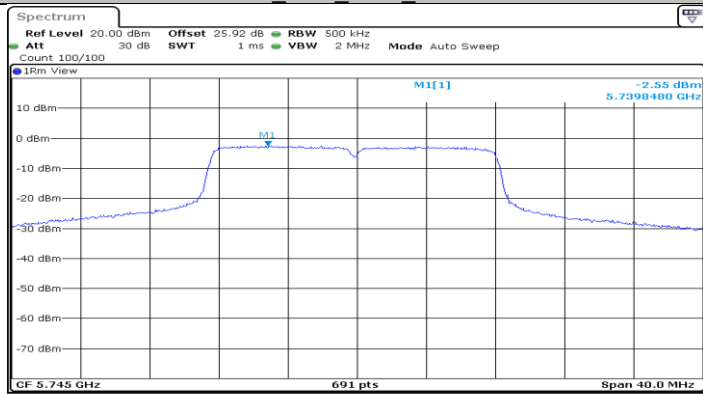


11A_Ant1_5720_UNII-3



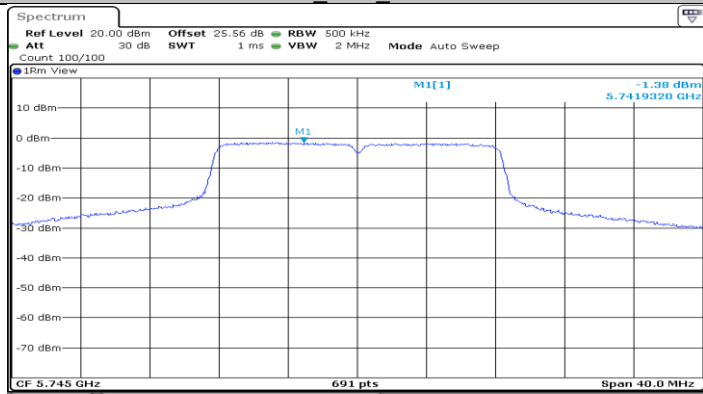
Date: 18 DEC 2023 08:28:34

11A_Ant2_5720_UNII-3



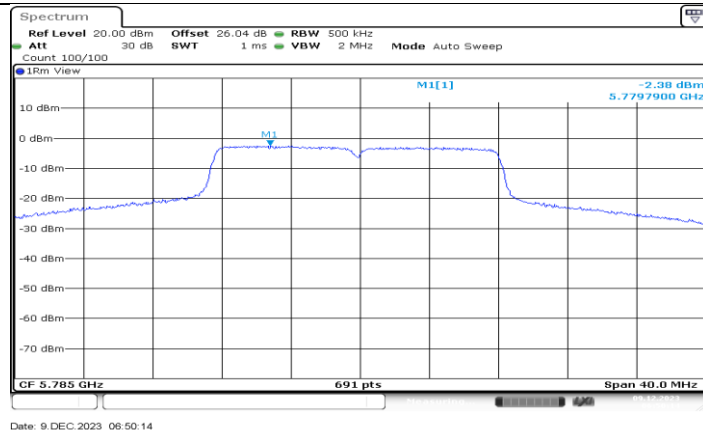
Date: 9 DEC 2023 06:57:06

11A_Ant1_5745

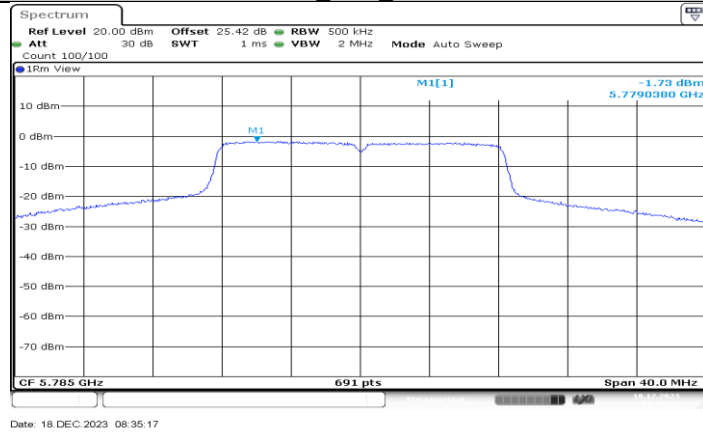


Date: 18 DEC 2023 08:40:31

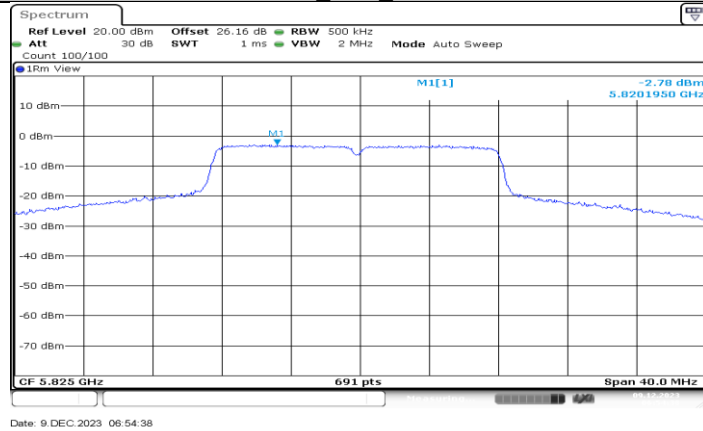
11A_Ant2_5745



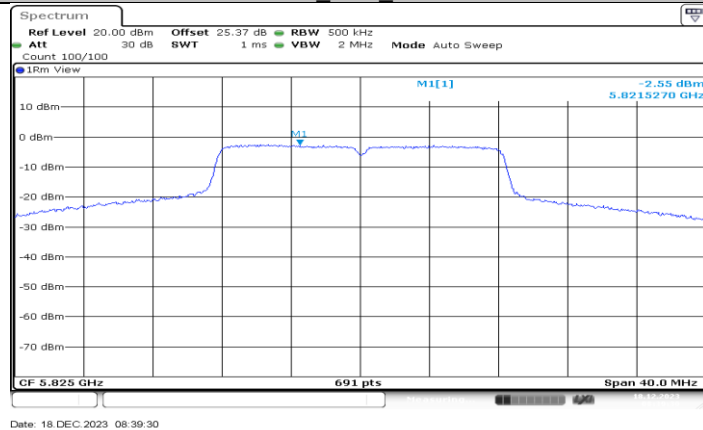
11A_Ant1_5785

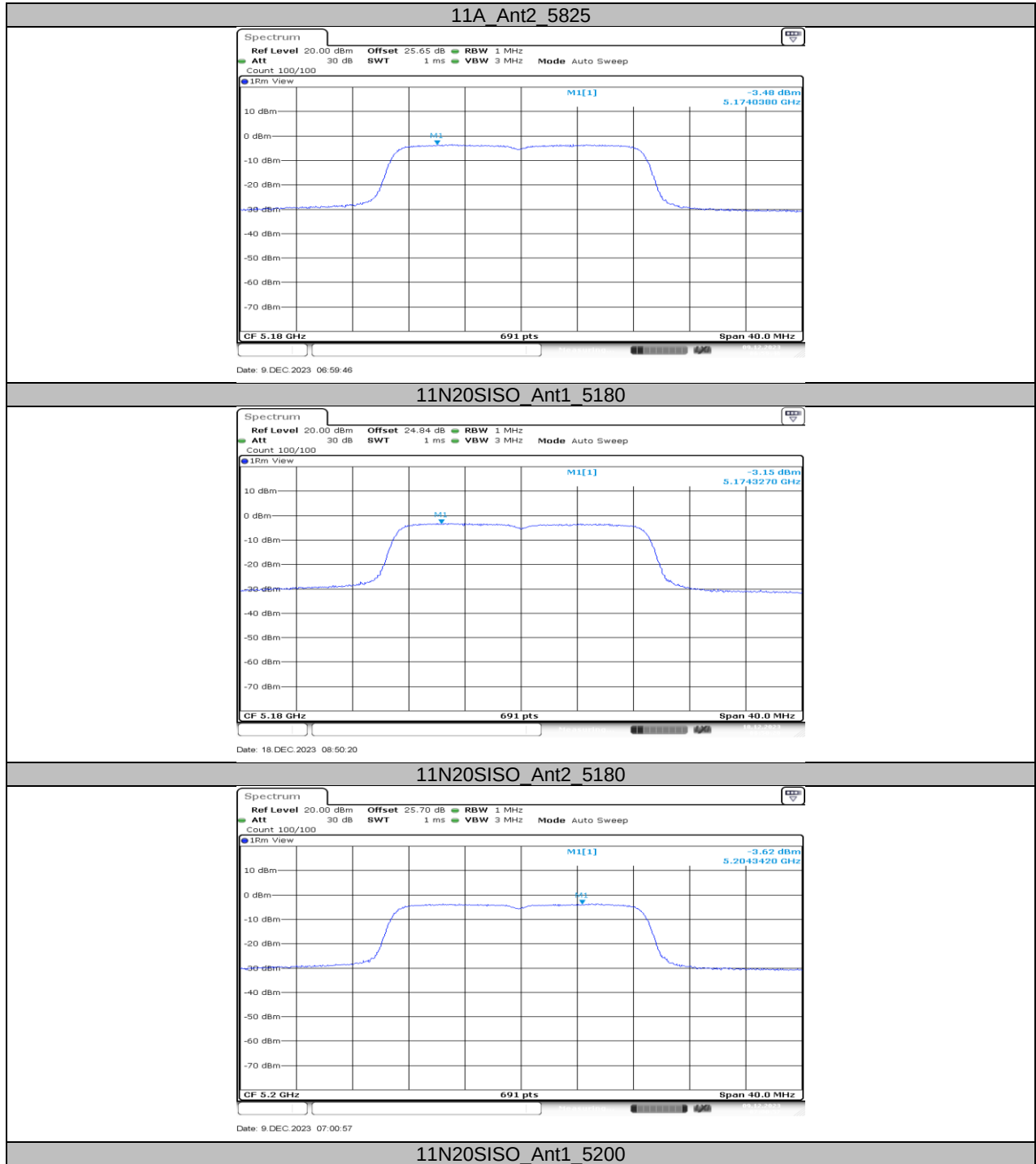


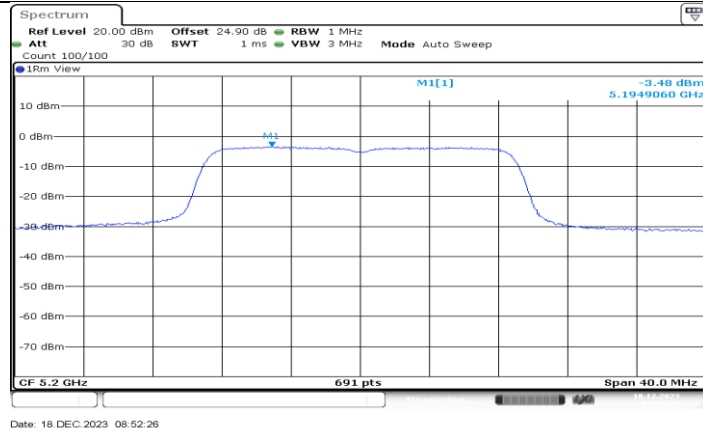
11A_Ant2_5785



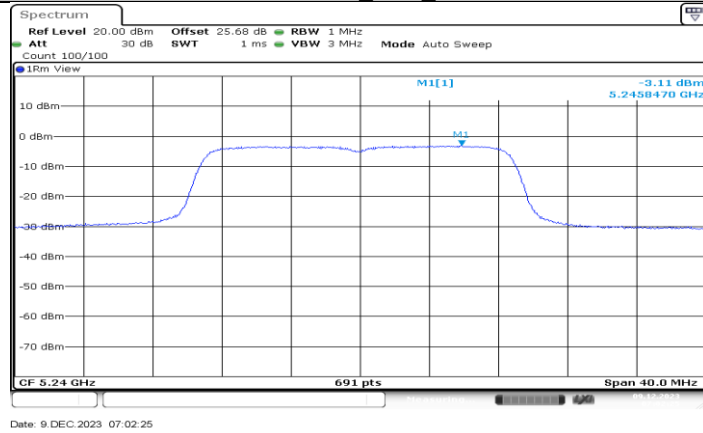
11A_Ant1_5825



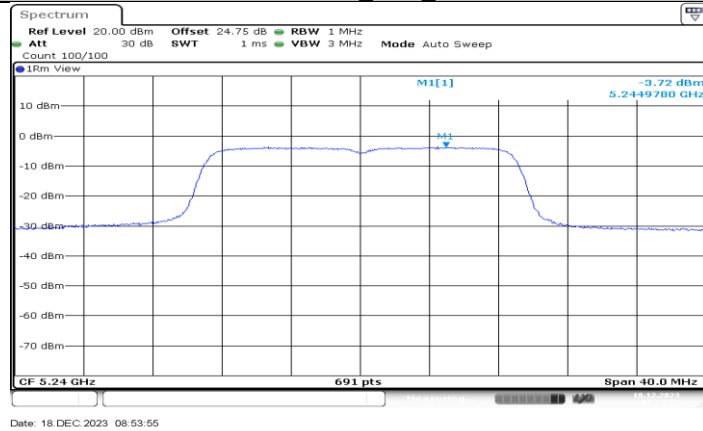




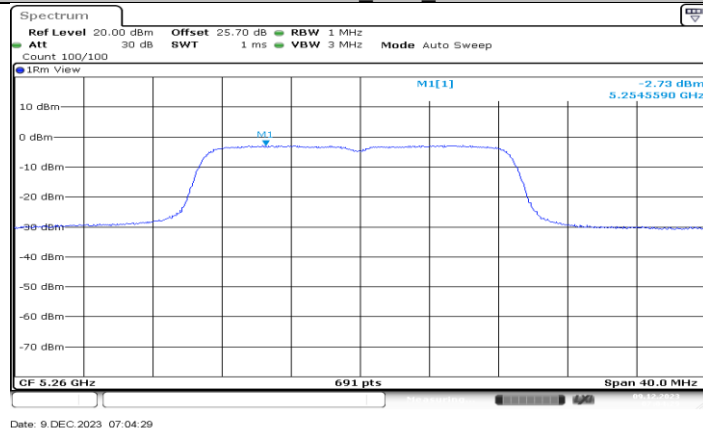
11N20SISO_Ant2_5200

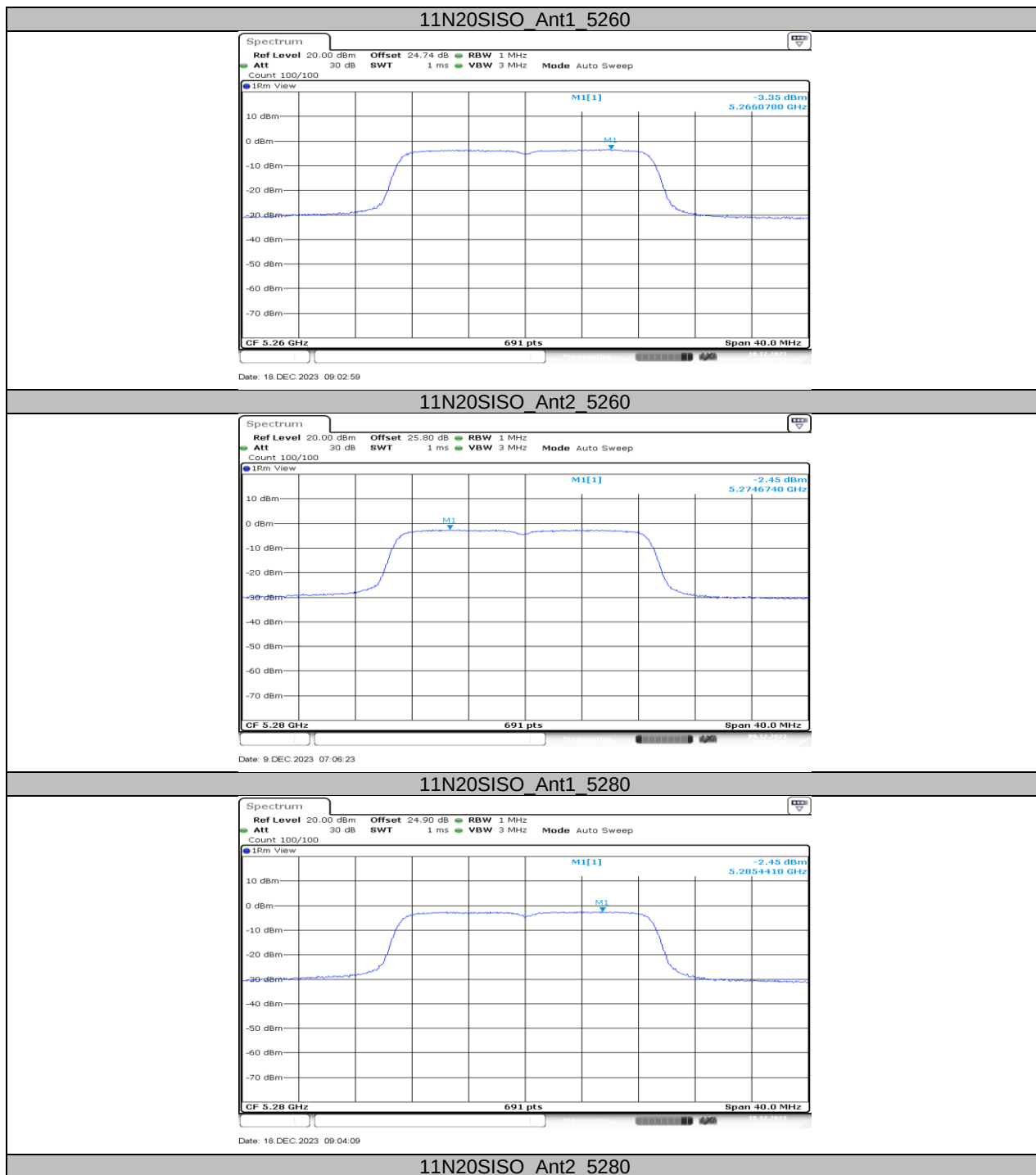


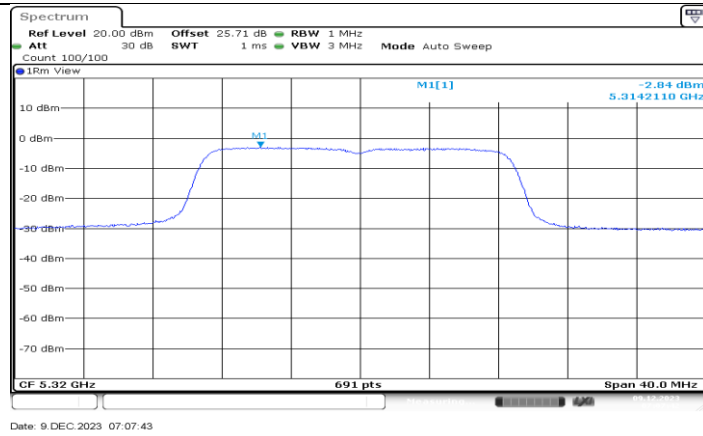
11N20SISO_Ant1_5240



11N20SISO_Ant2_5240

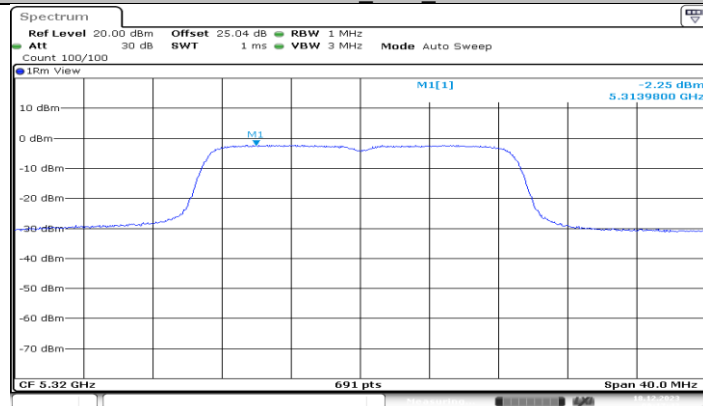






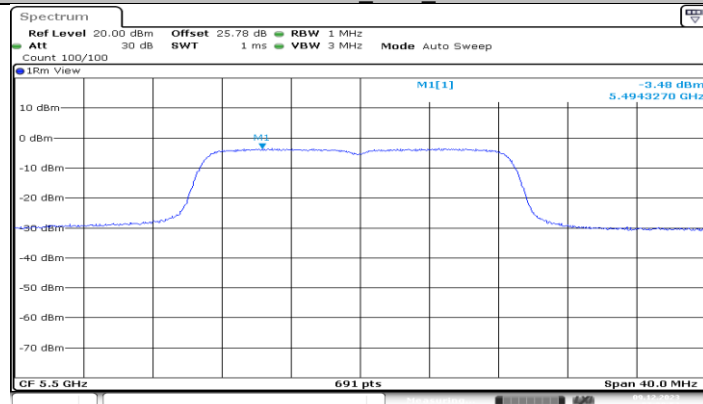
Date: 9 DEC 2023 07:07:43

11N20SISO_Ant1_5320



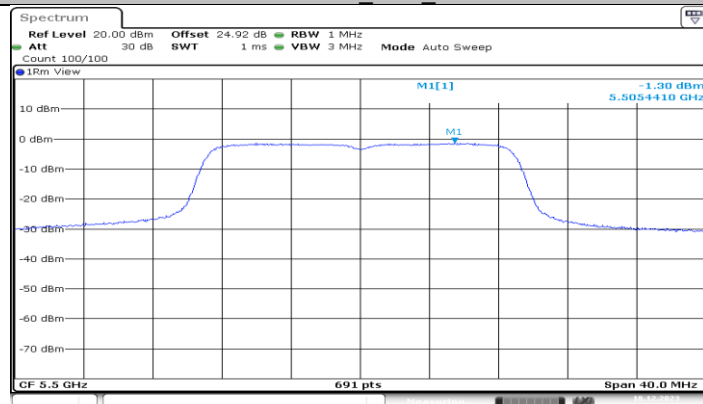
Date: 18 DEC 2023 09:17:42

11N20SISO_Ant2_5320

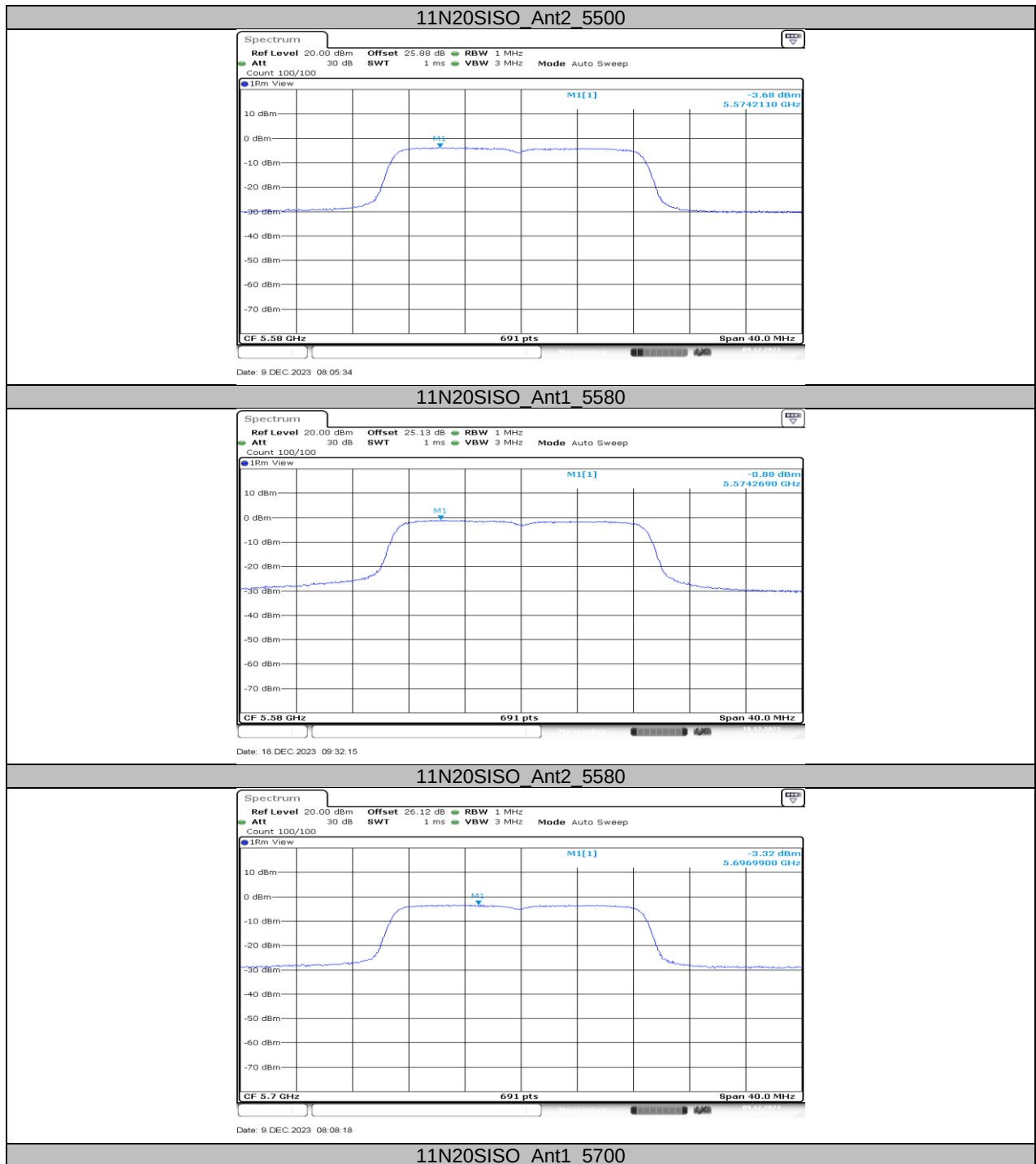


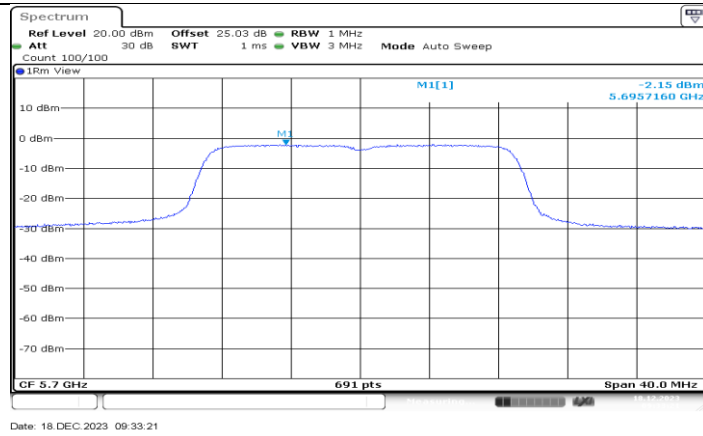
Date: 9 DEC 2023 07:08:53

11N20SISO_Ant1_5500

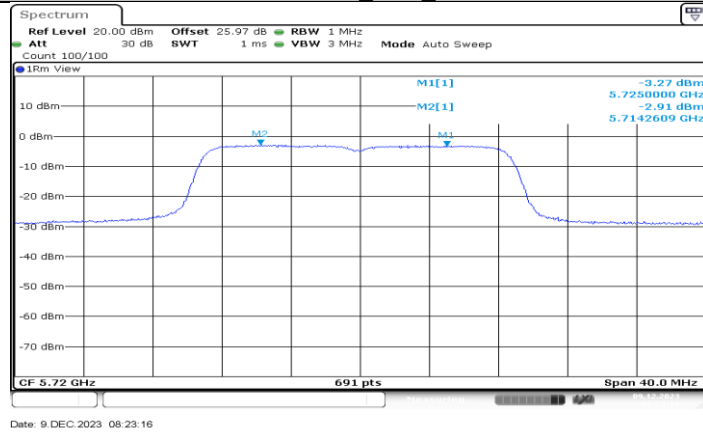


Date: 18 DEC 2023 09:19:45

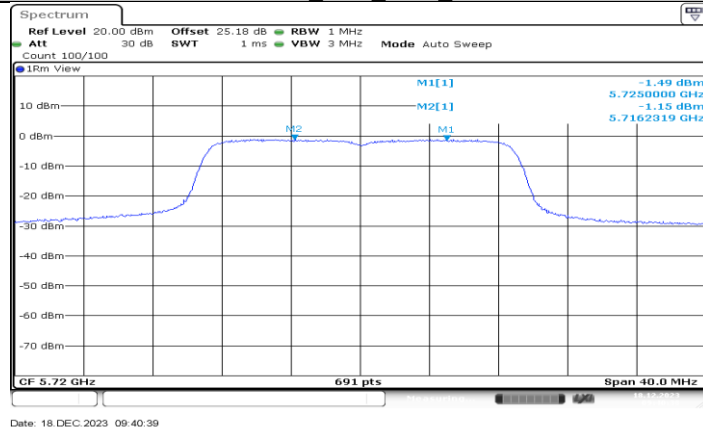




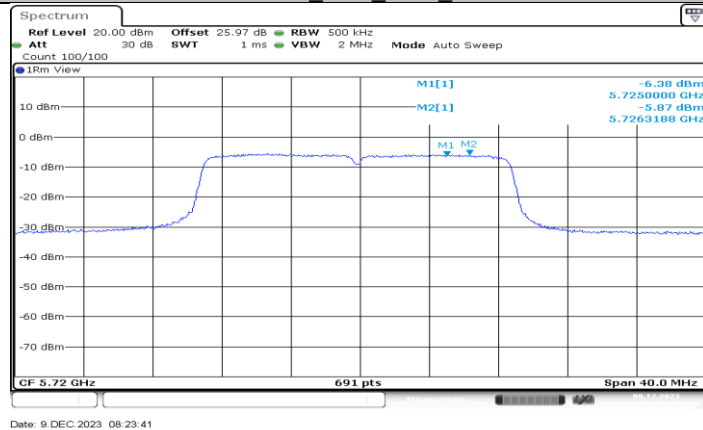
11N20SISO_Ant2_5700



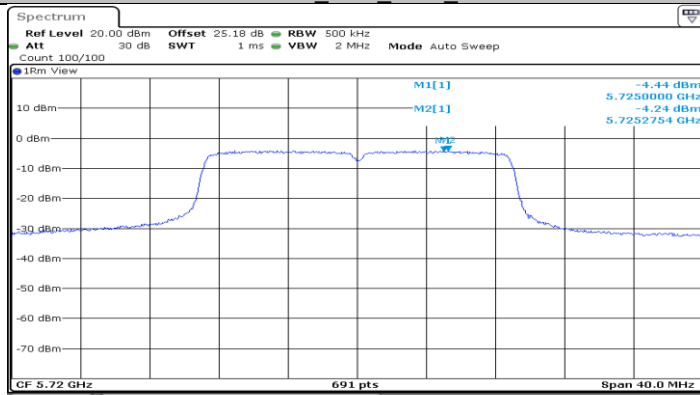
11N20SISO_Ant1_5720_UNII-2C



11N20SISO_Ant2_5720_UNII-2C

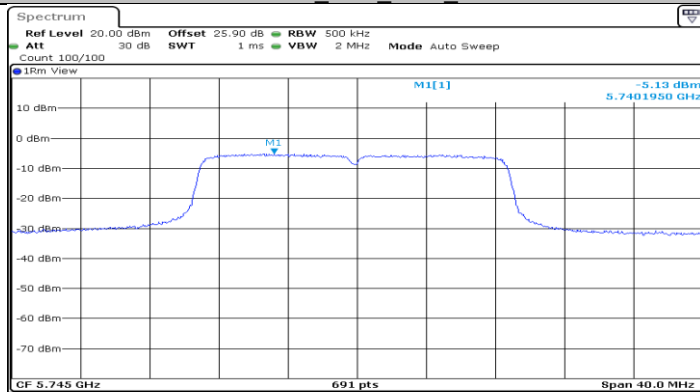


11N20SISO_Ant1_5720_UNII-3



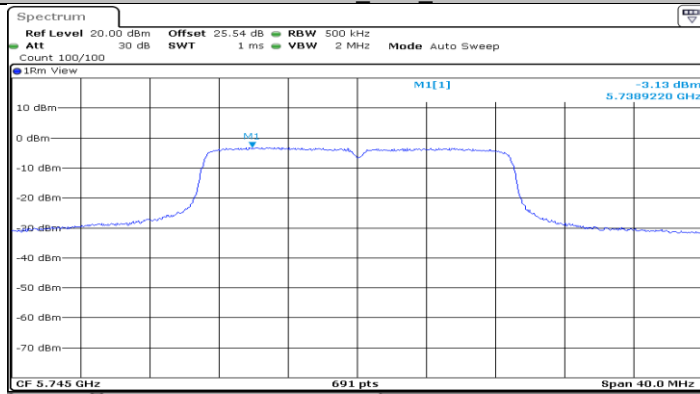
Date: 18 DEC 2023 09:41:04

11N20SISO_Ant2_5720_UNII-3



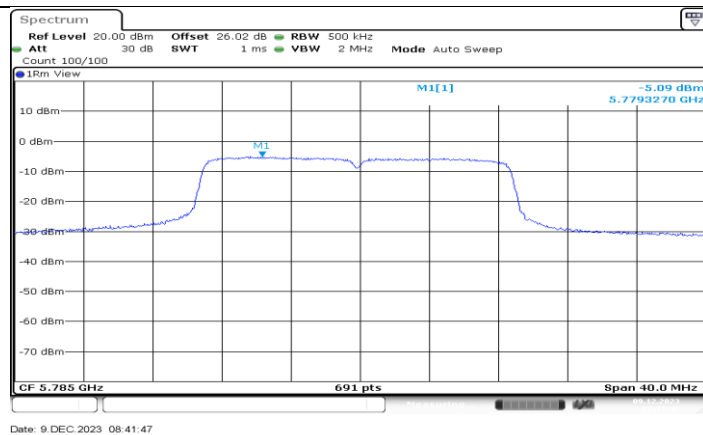
Date: 9 DEC 2023 08:47:27

11N20SISO_Ant1_5745



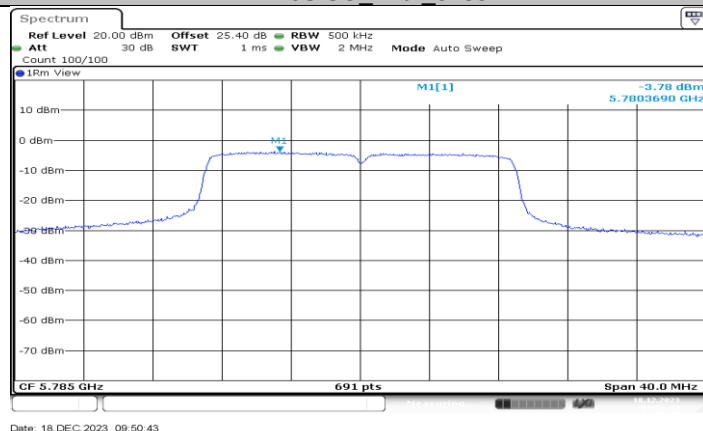
Date: 18 DEC 2023 09:46:54

11N20SISO_Ant2_5745



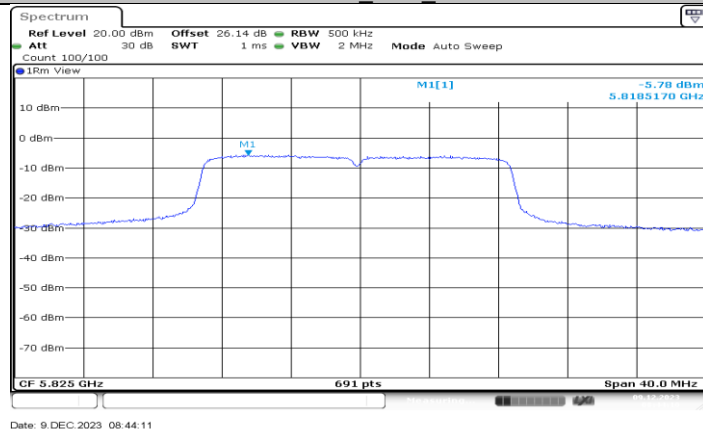
Date: 9 DEC 2023 08:41:47

11N20SISO_Ant1_5785



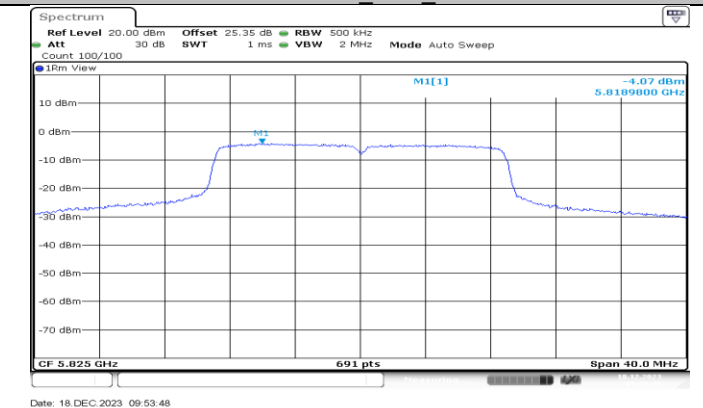
Date: 18 DEC 2023 09:50:43

11N20SISO_Ant2_5785



Date: 9 DEC 2023 08:44:11

11N20SISO_Ant1_5825



Date: 18 DEC 2023 09:53:48

11N20SISO_Ant2_5825

11.6. APPENDIX G: 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	5179.9786	-4.13	5180.0200	3.87	5179.9924	-1.47	5180.0189	3.64
TN	VN	5179.9758	-4.66	5179.9938	-1.20	5180.0182	3.51	5180.0138	2.66
TN	VH	5180.0235	4.55	5180.0144	2.78	5180.0201	3.89	5179.9760	-4.64
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)
40	VN	5180.0245	4.73	5179.9892	-2.09	5180.0043	0.83	5179.9873	-2.45
30	VN	5179.9925	-1.44	5179.9975	-0.48	5180.0114	2.20	5179.9953	-0.91
20	VN	5179.9898	-1.97	5180.0068	1.31	5180.0081	1.56	5179.9776	-4.33
10	VN	5180.0211	4.06	5180.0080	1.55	5180.0130	2.51	5180.0249	4.81
0	VN	5180.0039	0.76	5179.9926	-1.44	5180.0032	0.62	5179.9850	-2.90
-10	VN	5179.9870	-2.50	5180.0190	3.66	5179.9821	-3.46	5180.0038	0.73

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	5825.0006	0.10	5824.9776	-3.84	5825.0001	0.01	5824.9942	-1.00
TN	VN	5825.0150	2.57	5824.9958	-0.72	5824.9965	-0.59	5824.9836	-2.82
TN	VH	5824.9790	-3.61	5824.9959	-0.71	5825.0028	0.48	5825.0208	3.57
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)
40	VN	5825.0222	3.81	5825.0193	3.31	5824.9896	-1.79	5824.9828	-2.95
30	VN	5824.9807	-3.31	5825.0169	2.91	5825.0117	2.00	5825.0127	2.18
20	VN	5825.0005	0.08	5825.0018	0.30	5824.9997	-0.05	5824.9752	-4.26
10	VN	5825.0022	0.38	5825.0026	0.45	5825.0154	2.64	5825.0121	2.07
0	VN	5825.0192	3.30	5824.9979	-0.35	5824.9774	-3.88	5824.9951	-0.84
-10	VN	5825.0035	0.61	5825.0101	1.74	5825.0162	2.79	5825.0077	1.31

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 H: 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	2	2.04	0.9804	98.04	0.09	0.50	0.01
11N20SISO	1.87	1.9	0.9842	98.42	0.07	0.53	0.01

Note:

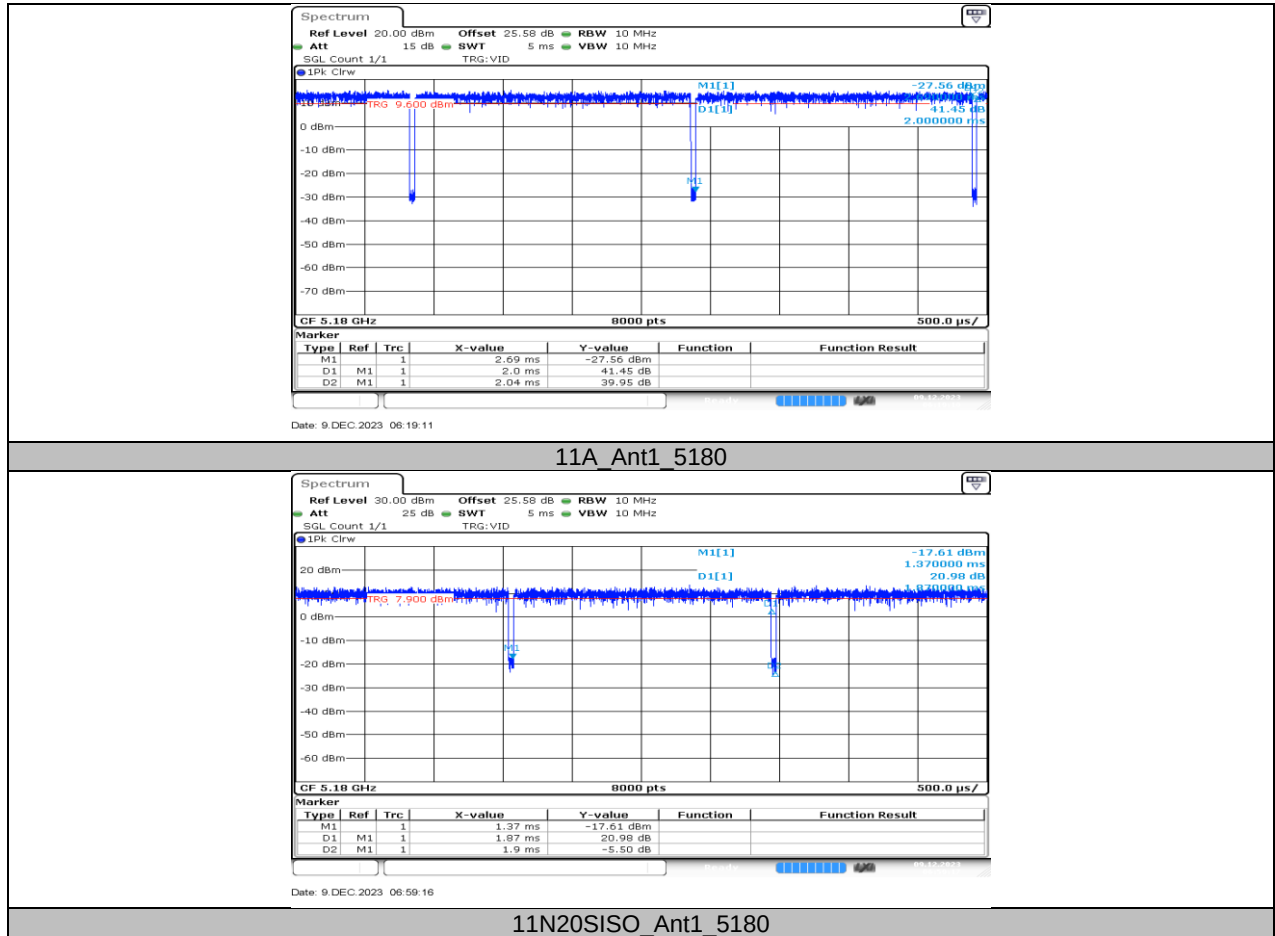
Duty Cycle Correction Factor= $10\log(1/x)$.

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.

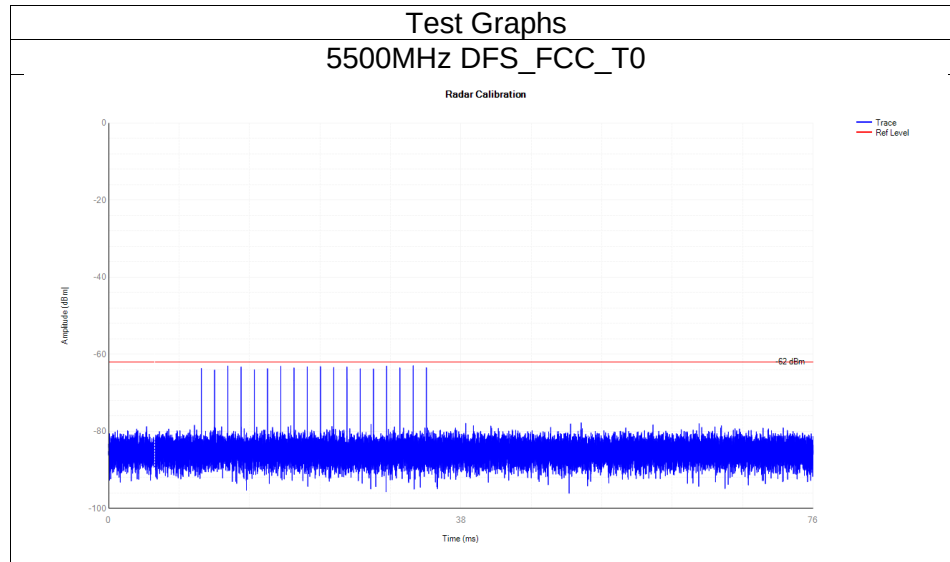
11.7.2. Test Graphs



11.1. APPENDIX I: DYNAMIC FREQUENCY SELECTION (SLAVE)

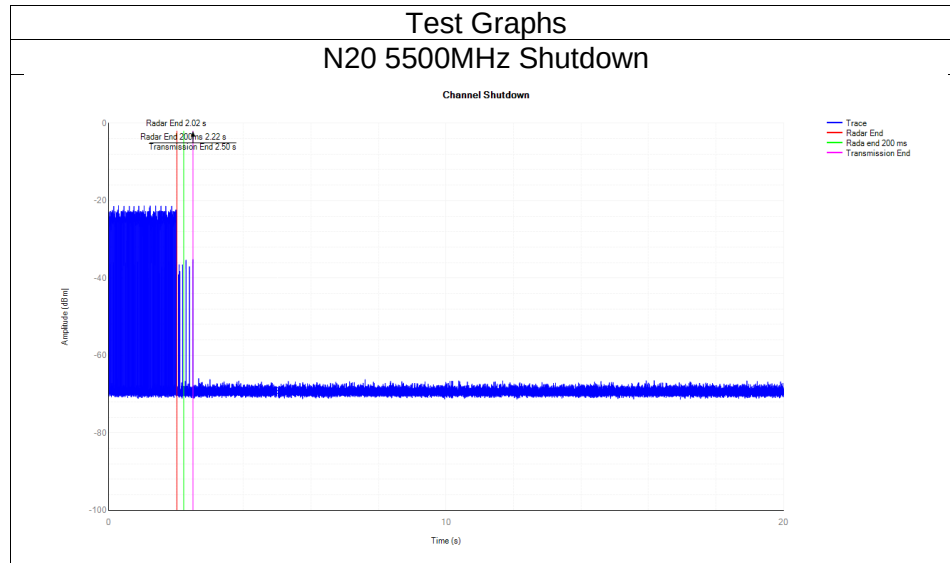
11.1.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
N20	5500	DFS_FCC_T0	See test Graph	Pass



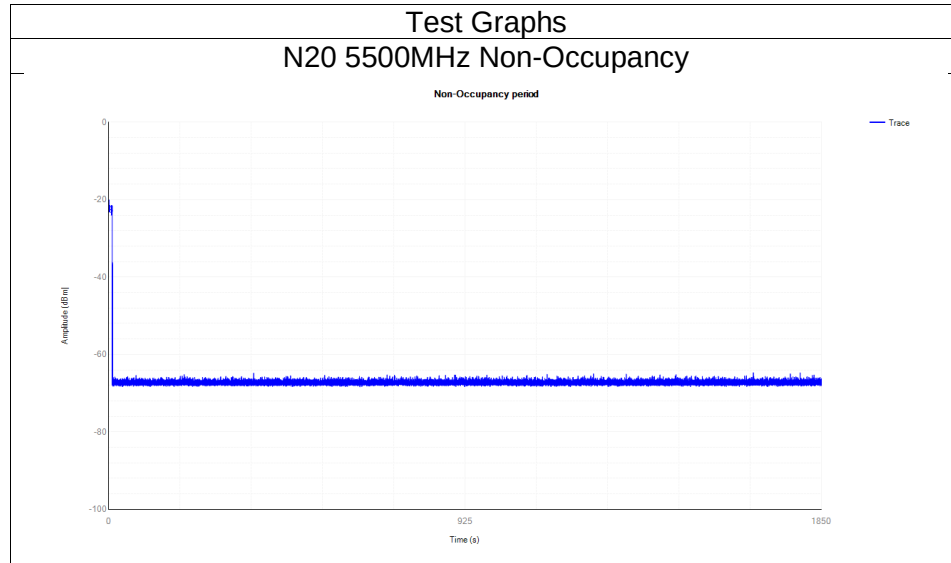
11.1.2. Shutdown Time

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)	Verdict
N20	5500	0.475	10	0.012	0.26	0.006	Pass



11.1.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
N20	5500	See test Graph	Pass



END OF REPORT