

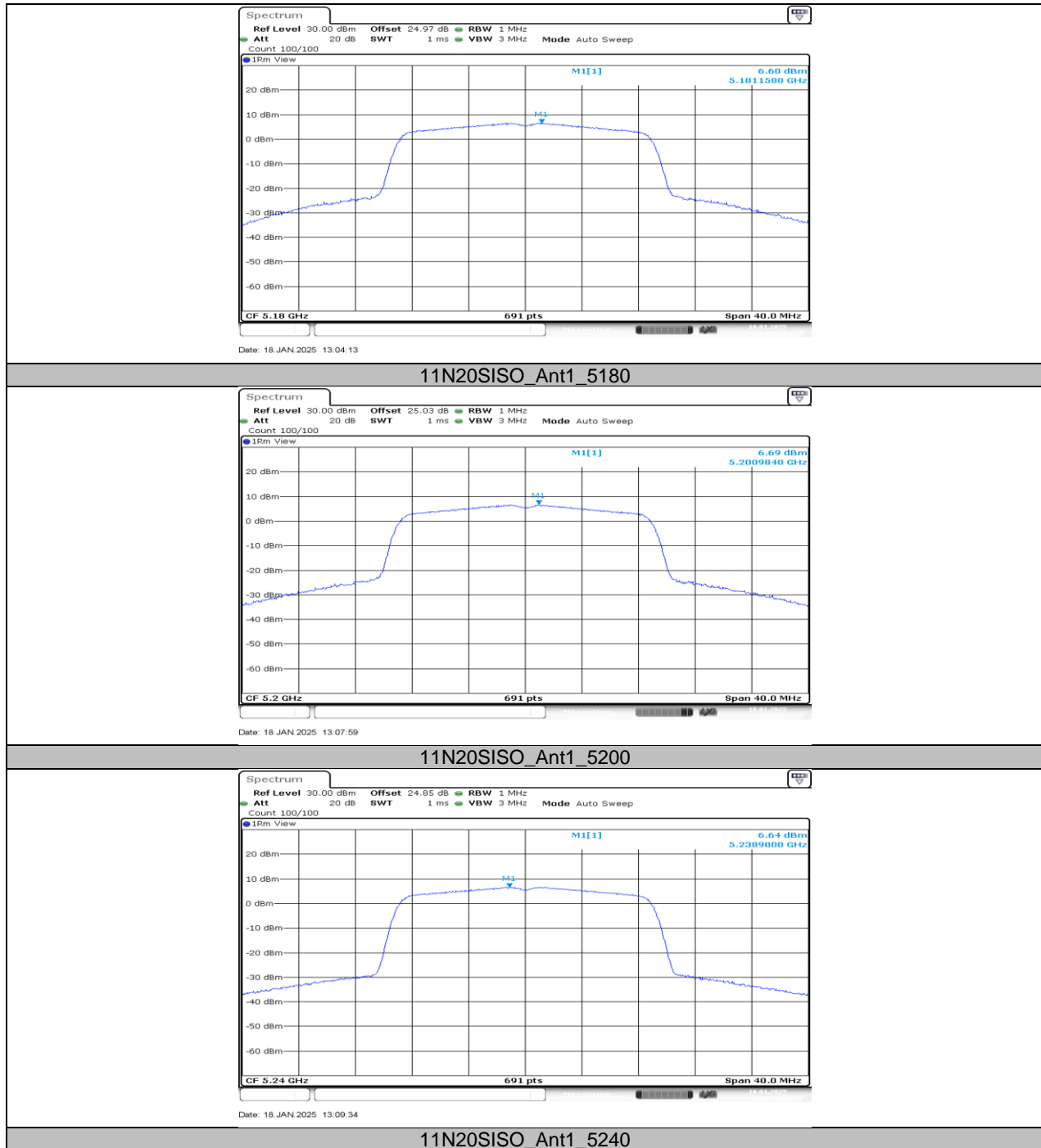
11.5.3. Test Result-Addition SISO

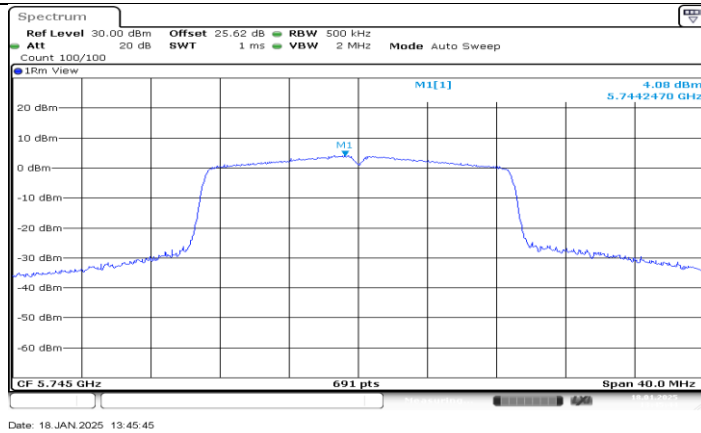
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11N20SISO	Ant1	5180	6.60	≤17.00	7.94	≤10.00	PASS
		5200	6.69	≤17.00	8.03	≤10.00	PASS
		5240	6.64	≤17.00	7.98	≤10.00	PASS
		5745	4.08	≤30.00	4.88	---	PASS
		5785	3.21	≤30.00	4.01	---	PASS
		5825	2.21	≤30.00	3.01	---	PASS
11N40SISO	Ant1	5190	5.22	≤17.00	6.56	≤10.00	PASS
		5230	3.93	≤17.00	5.27	≤10.00	PASS
		5755	0.59	≤30.00	1.39	---	PASS
11AX20SISO	Ant1	5180	7.03	≤17.00	8.37	≤10.00	PASS
		5200	7.01	≤17.00	8.35	≤10.00	PASS
		5240	6.94	≤17.00	8.28	≤10.00	PASS
		5745	3.63	≤30.00	4.43	---	PASS
		5785	2.64	≤30.00	3.44	---	PASS
		5825	1.94	≤30.00	2.74	---	PASS
11AX40SISO	Ant1	5190	5.00	≤17.00	6.34	≤10.00	PASS
		5230	4.38	≤17.00	5.72	≤10.00	PASS
11AX80SISO	Ant1	5210	0.91	≤17.00	2.25	≤10.00	PASS
		5775	-3.25	≤30.00	-2.45	---	PASS
11BE20SISO	Ant1	5180	7.12	≤17.00	8.46	≤10.00	PASS
		5200	6.73	≤17.00	8.07	≤10.00	PASS
		5240	6.91	≤17.00	8.25	≤10.00	PASS
		5745	3.86	≤30.00	4.66	---	PASS
		5785	2.89	≤30.00	3.69	---	PASS
		5825	3.10	≤30.00	3.90	---	PASS
11BE40SISO	Ant1	5190	7.53	≤17.00	8.87	≤10.00	PASS
		5230	7.32	≤17.00	8.66	≤10.00	PASS
		5755	2.84	≤30.00	3.64	---	PASS
		5795	1.54	≤30.00	2.34	---	PASS
11BE80SISO	Ant1	5210	2.14	≤17.00	3.48	≤10.00	PASS

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

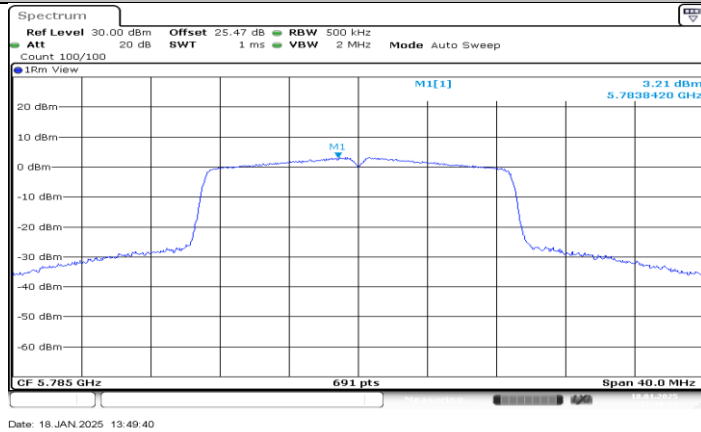
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.4. Test Graphs- Addition SISO

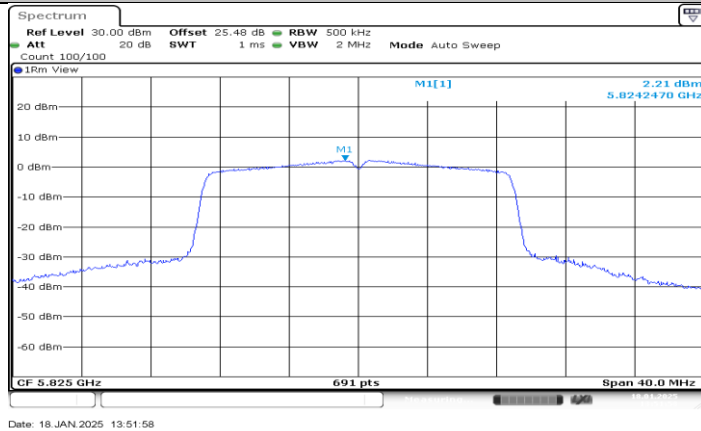




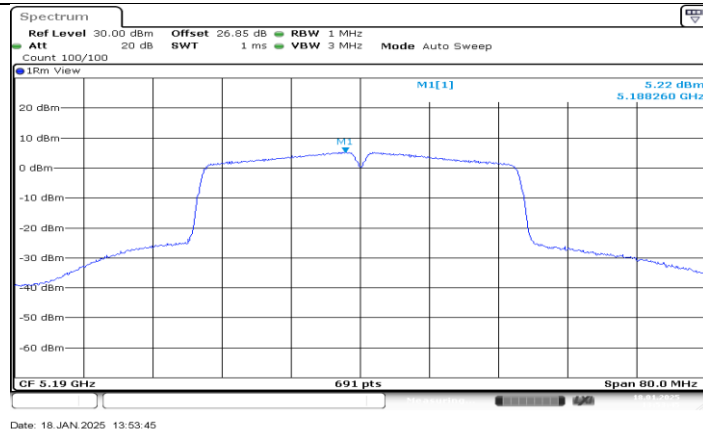
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



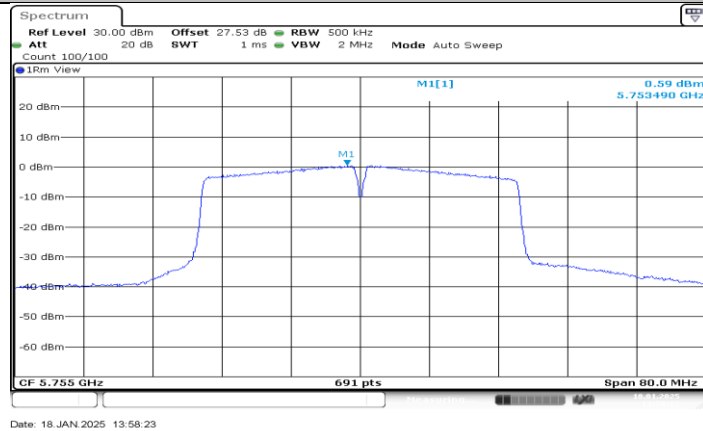
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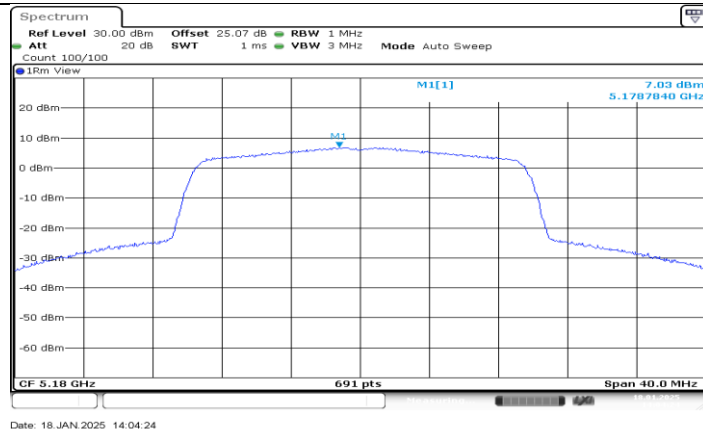
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



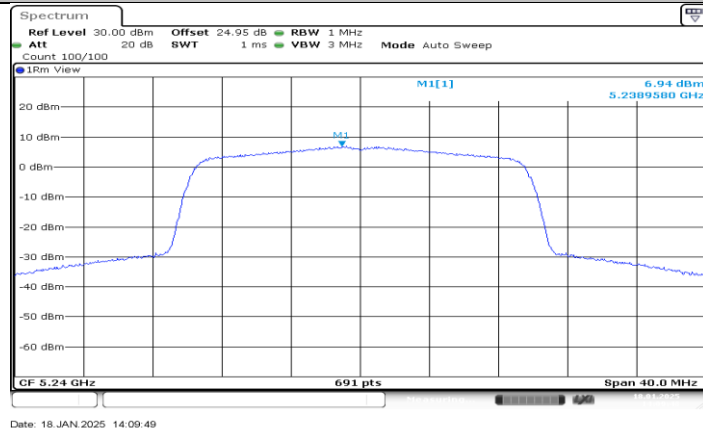
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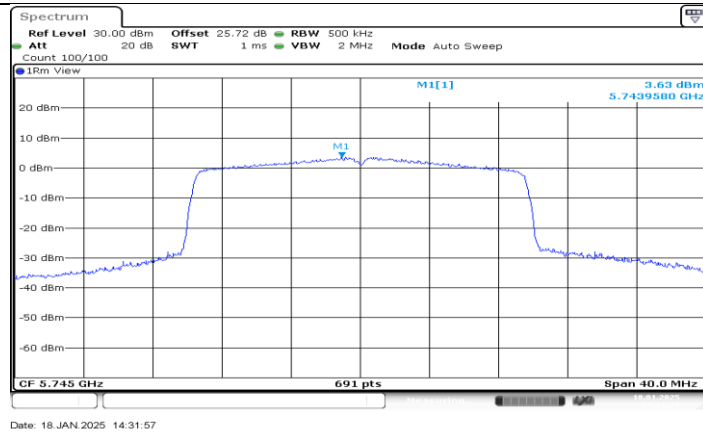
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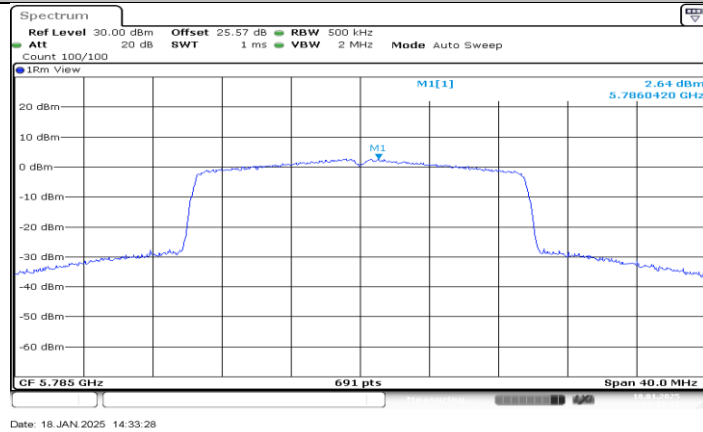
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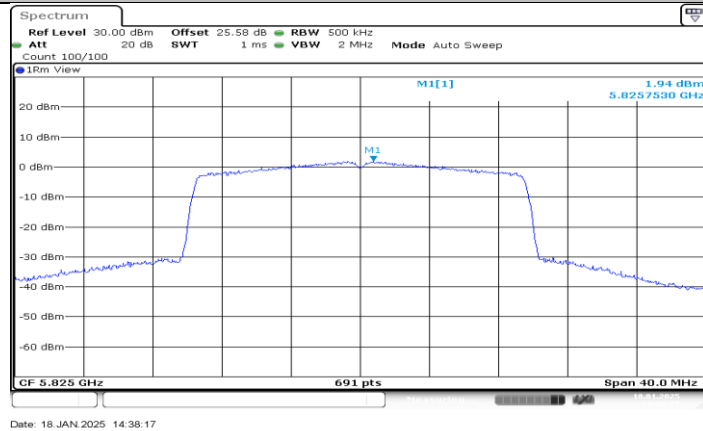
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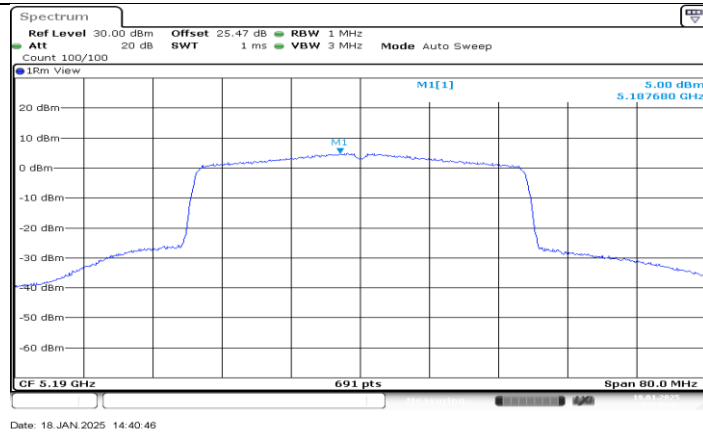
11AX20SISO_Ant1_5745



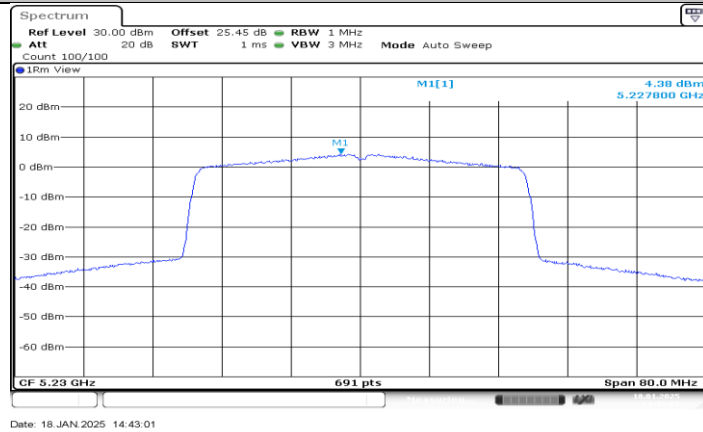
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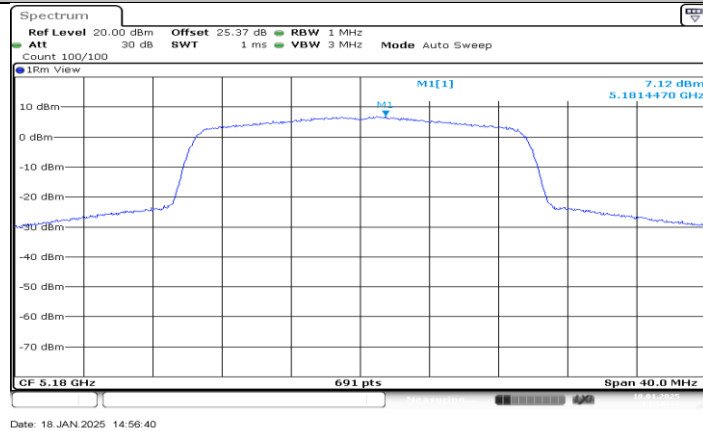
11AX20SISO_Ant1_5825



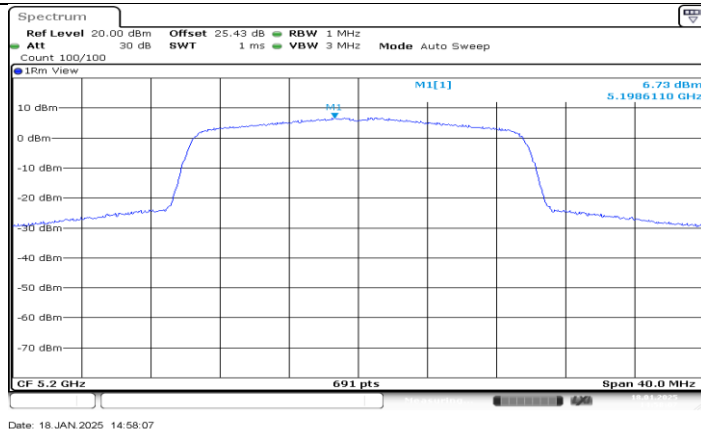
11AX40SISO_Ant1_5190



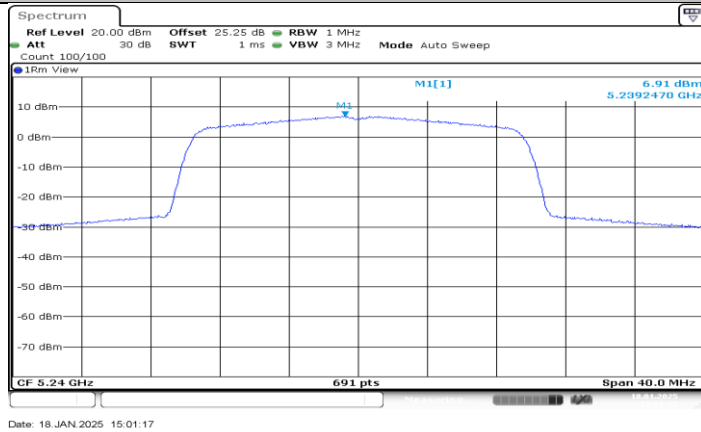
11AX40SISO_Ant1_5230



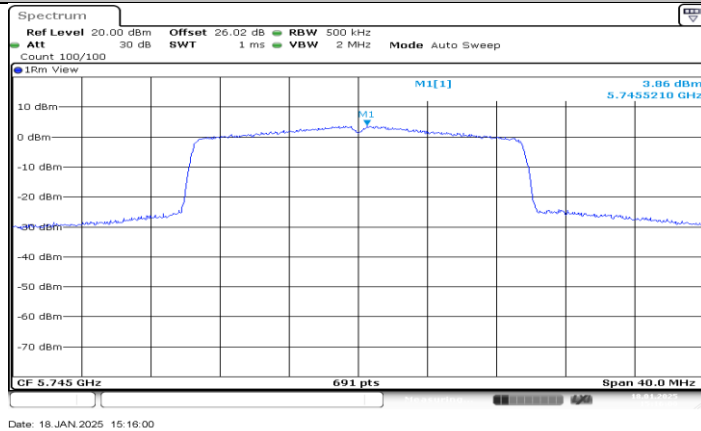
11BE20SISO_Ant1_5180



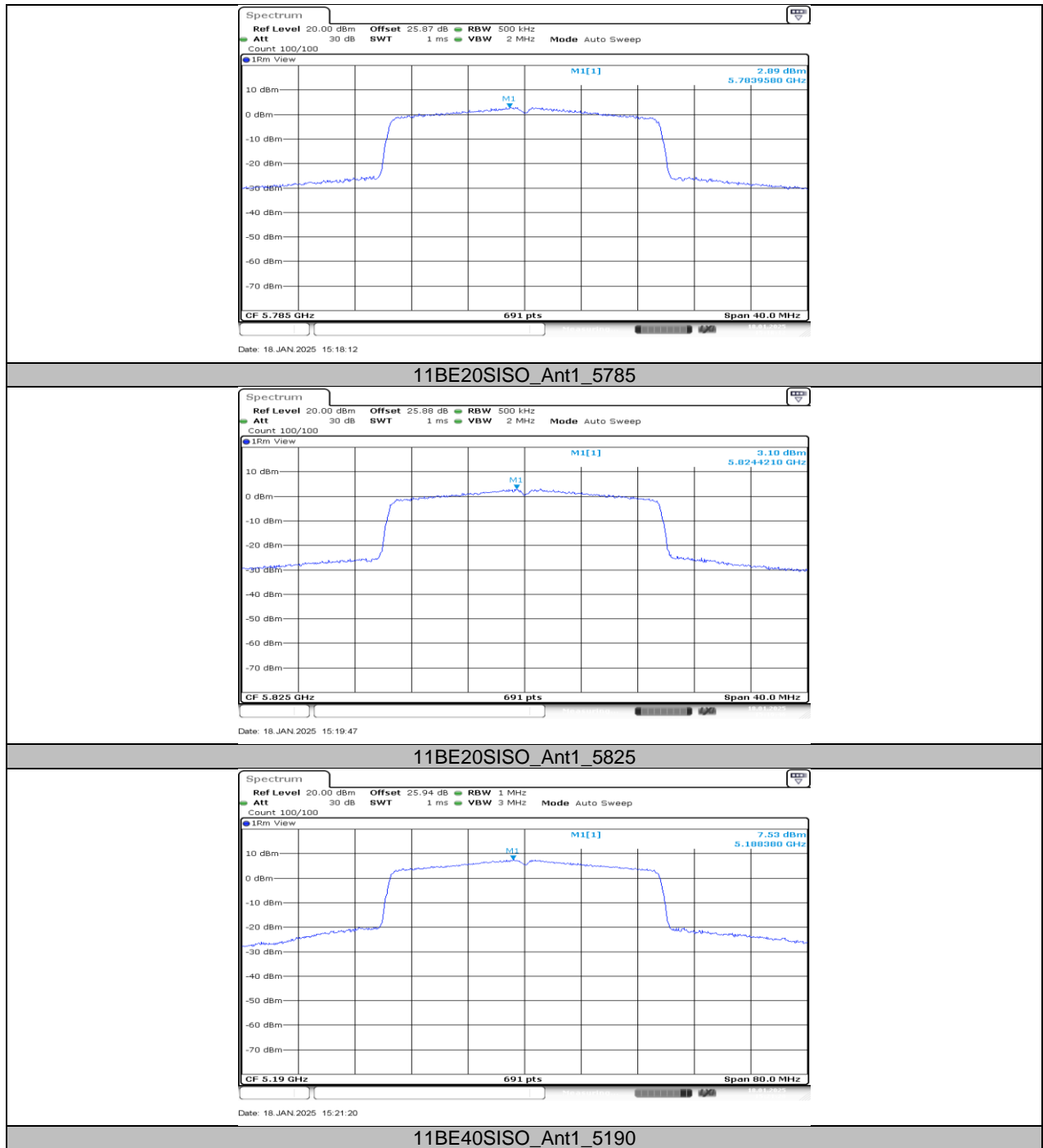
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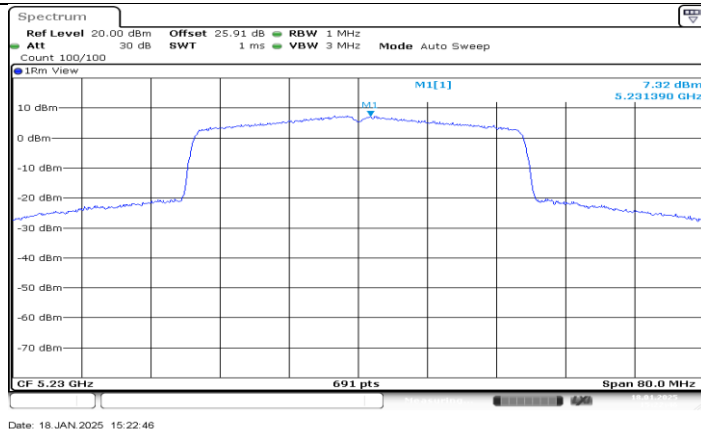


11BE20SISO_Ant1_5240

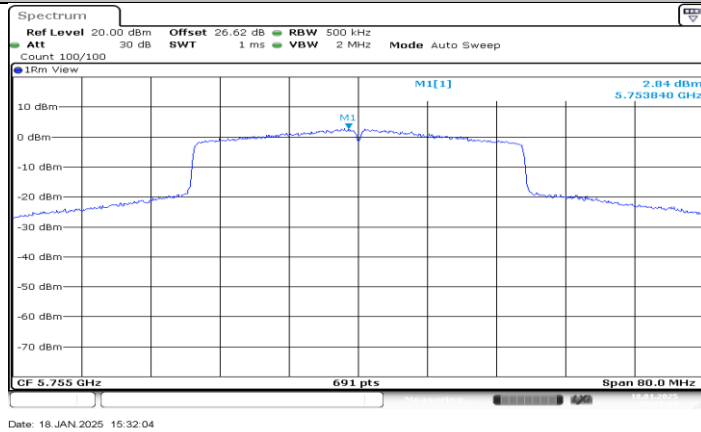


11BE20SISO_Ant1_5745

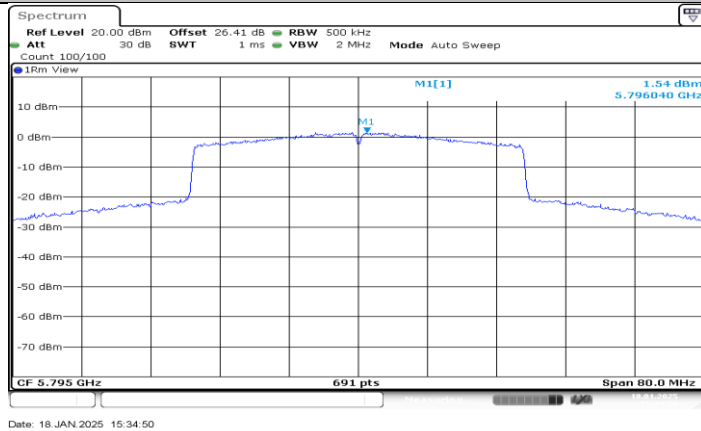




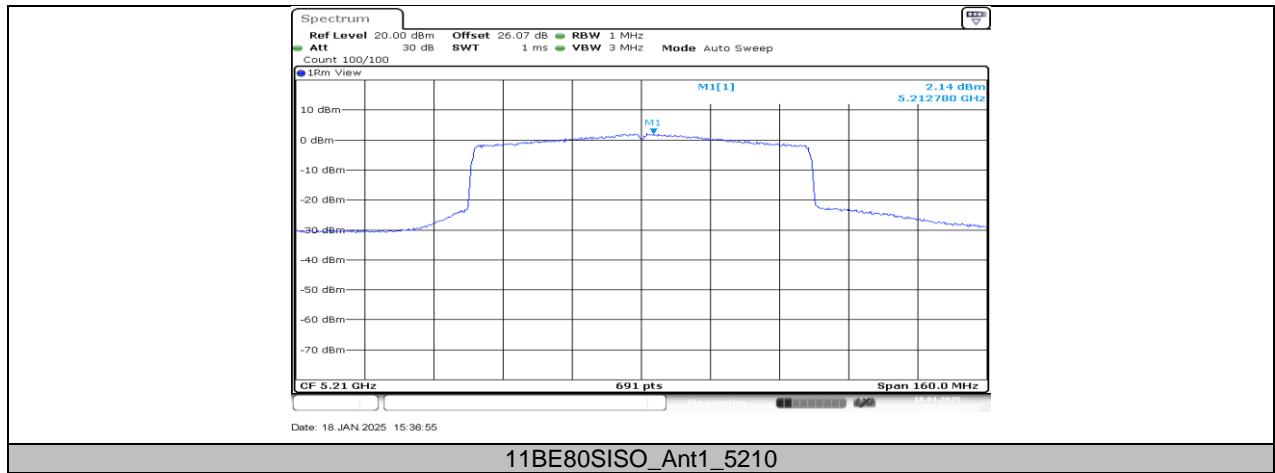
11BE40SISO_Ant1_5230



11BE40SISO_Ant1_5755



11BE40SISO_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	5200.0140	2.70	5199.9813	-3.61	5199.9862	-2.65	5200.0102	1.96
TN	VN	5200.0243	4.67	5200.0194	3.74	5200.0023	0.45	5200.0160	3.08
TN	VH	5199.9777	-4.29	5199.9998	-0.03	5199.9912	-1.69	5199.9888	-2.14
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	5199.9775	-4.33	5199.9864	-2.62	5200.0024	0.47	5200.0065	1.25
40	VN	5199.9784	-4.15	5200.0181	3.48	5200.0065	1.25	5200.0134	2.57
30	VN	5200.0093	1.79	5200.0230	4.42	5199.9883	-2.24	5200.0047	0.90
20	VN	5200.0232	4.46	5199.9923	-1.47	5200.0138	2.66	5199.9873	-2.43
10	VN	5199.9823	-3.40	5199.9835	-3.16	5200.0027	0.52	5200.0013	0.24
0	VN	5199.9793	-3.98	5200.0154	2.97	5199.9897	-1.98	5199.9991	-0.16
-10	VN	5199.9788	-4.07	5199.9812	-3.62	5199.9826	-3.35	5200.0074	1.42

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	2.02	2.46	0.8211	82.11	0.86	0.50	1
11N20MIMO	5.18	5.61	0.9234	92.34	0.35	0.19	1
11N40MIMO	2.51	2.95	0.8508	85.08	0.70	0.40	1
11AC80MIMO	1.19	1.62	0.7346	73.46	1.34	0.84	1
11AX20MIMO	5.18	5.60	0.9250	92.50	0.34	0.19	1
11AX40MIMO	2.01	2.44	0.8238	82.38	0.84	0.50	1
11AX80MIMO	0.99	1.42	0.6972	69.72	1.57	1.01	2
11BE20MIMO	4.65	5.08	0.9154	91.54	0.38	0.22	1
11BE40MIMO	0.36	0.79	0.4557	45.57	3.41	2.78	3
11BE80MIMO	1.16	1.60	0.7250	72.50	1.40	0.86	1

Note:

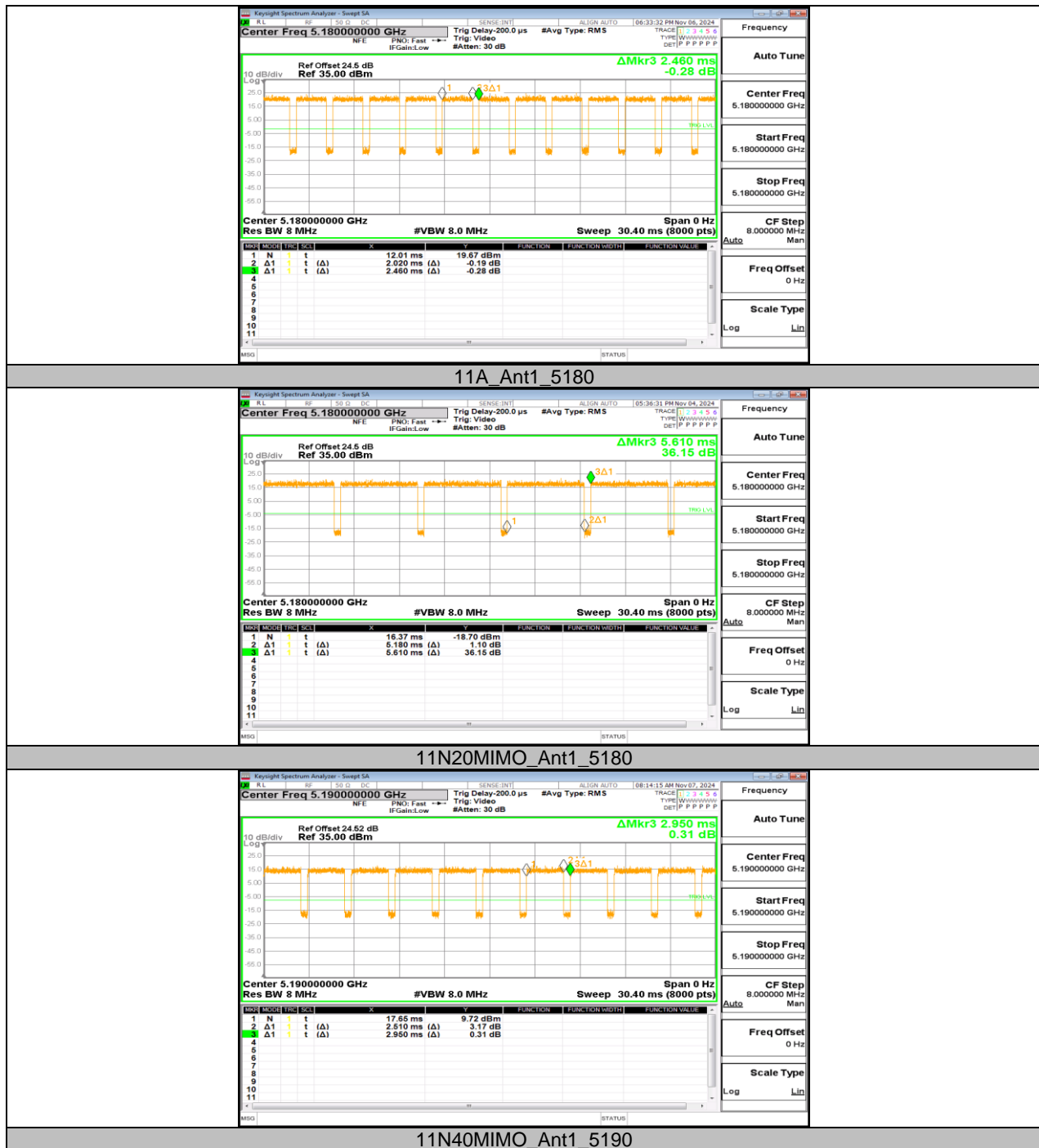
Duty Cycle Correction Factor= $10\log(1/x)$.

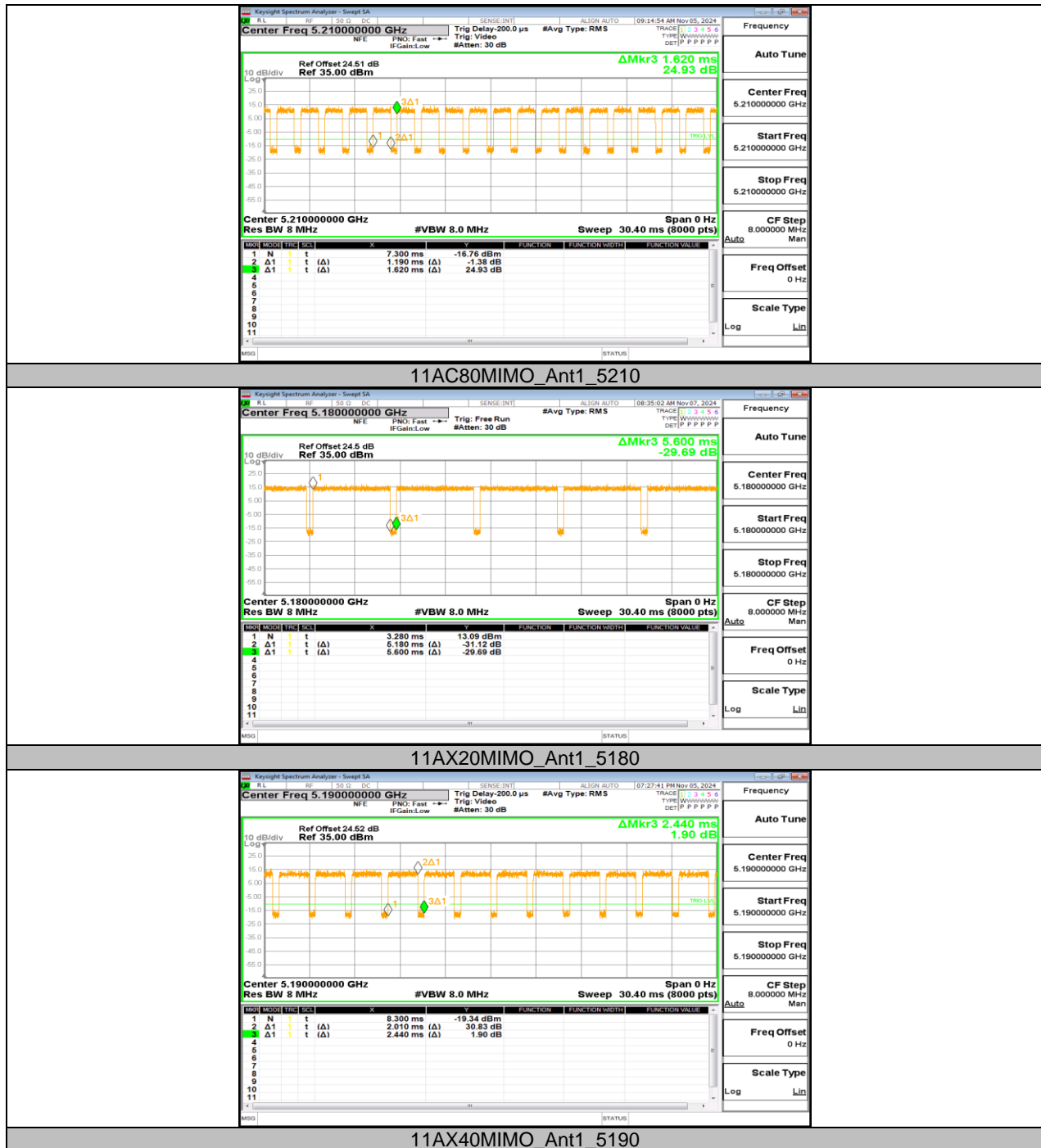
Where: x is Duty Cycle (Linear)

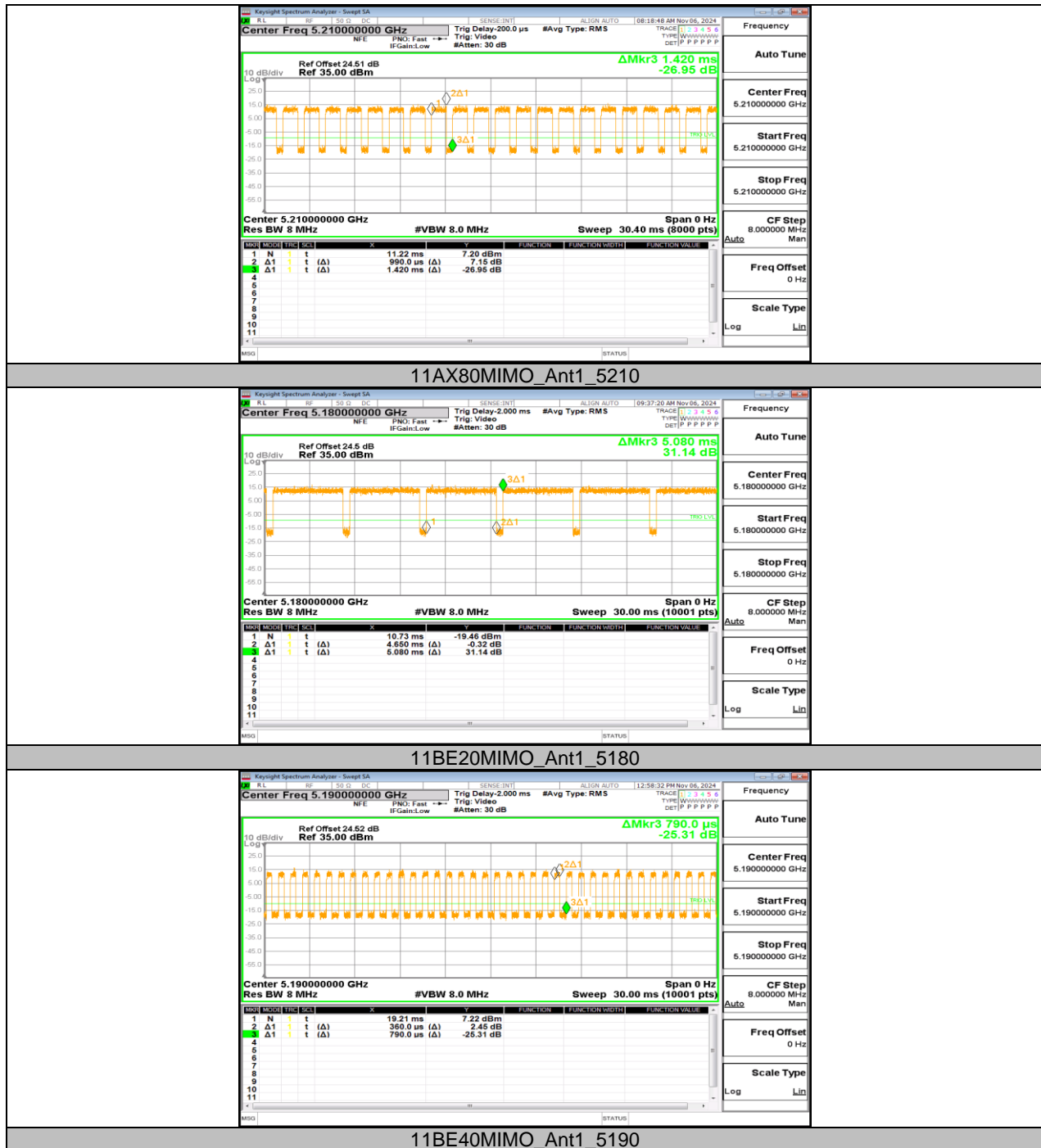
Where: T is On Time

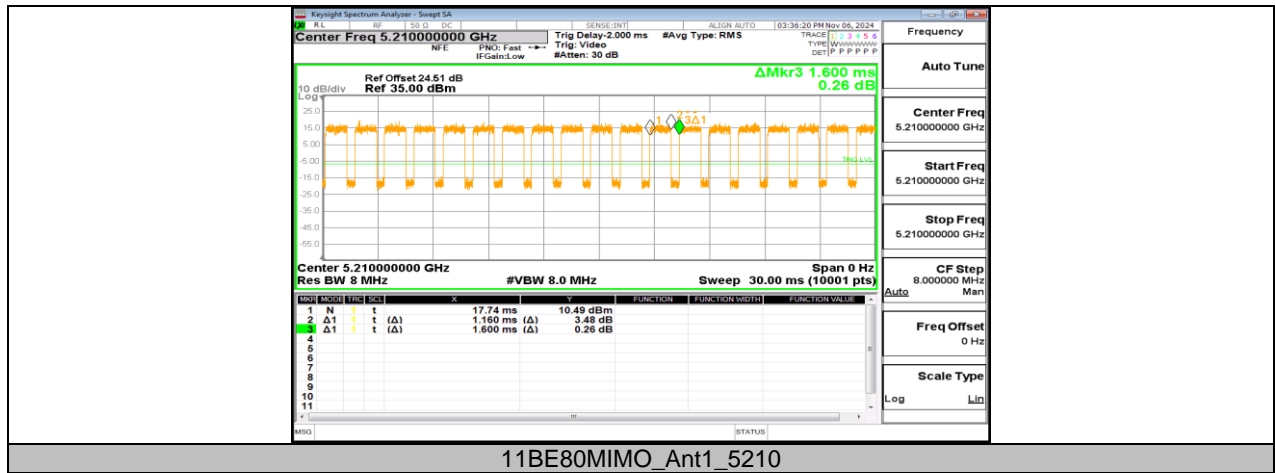
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs









END OF REPORT