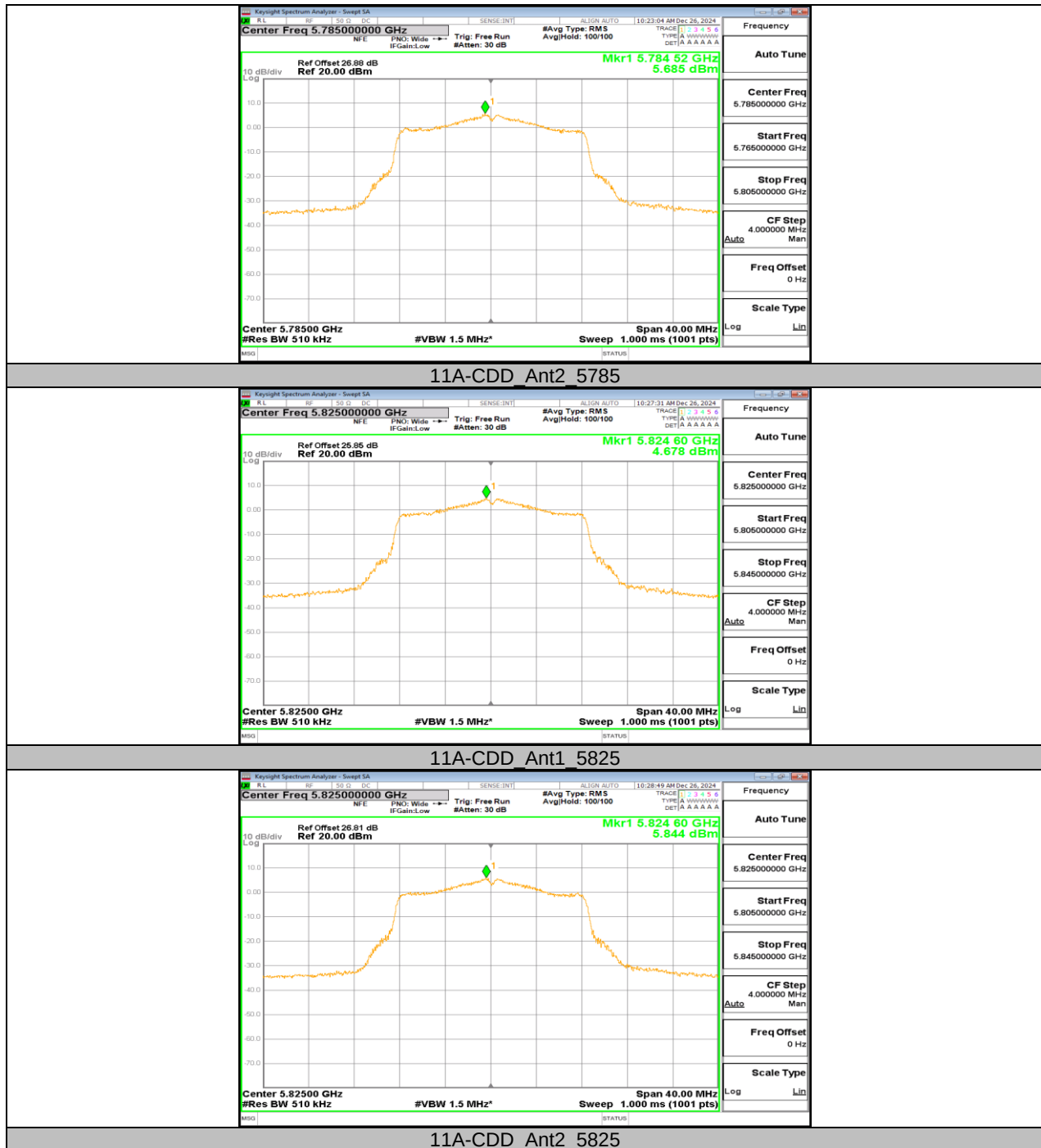
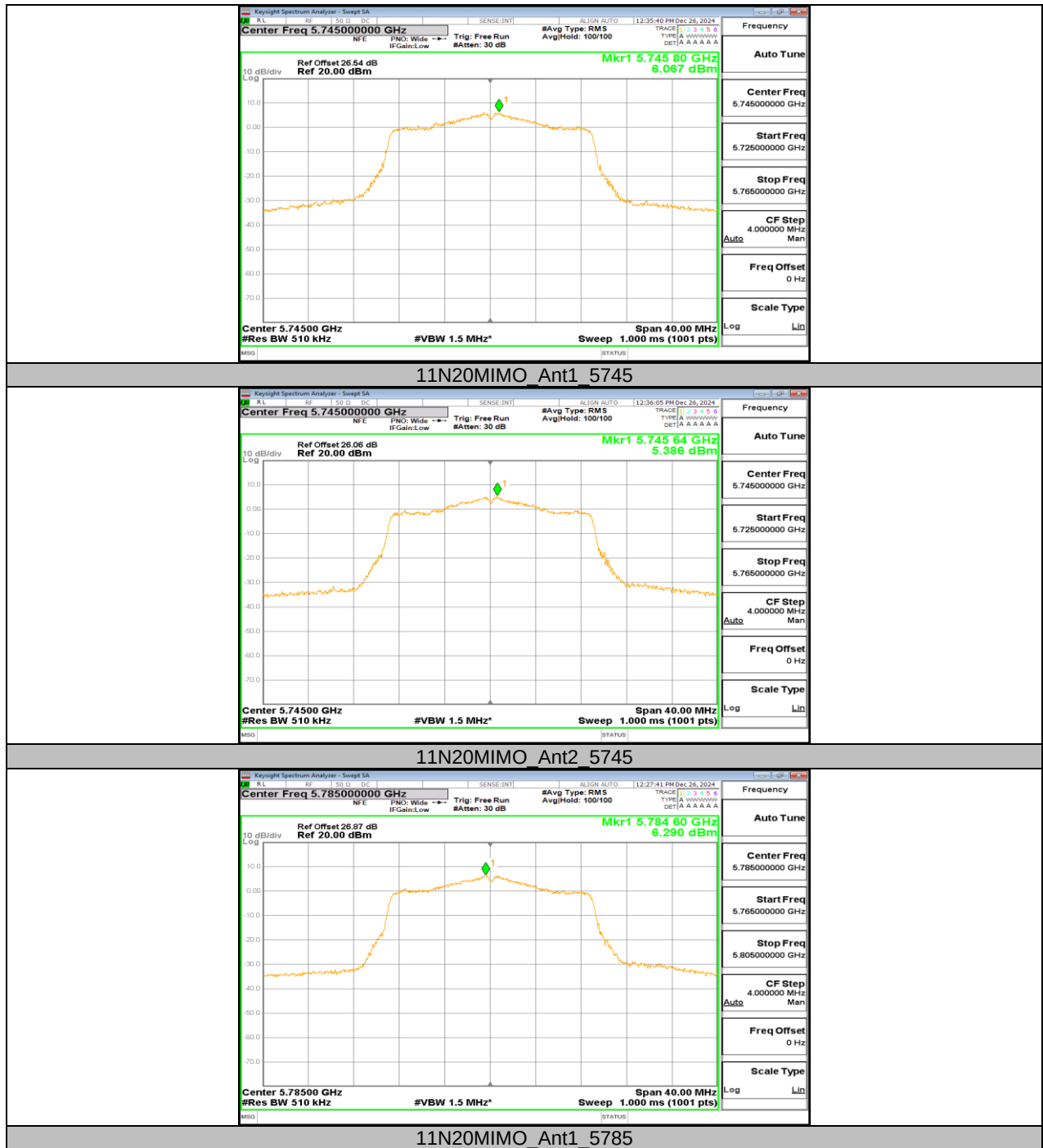
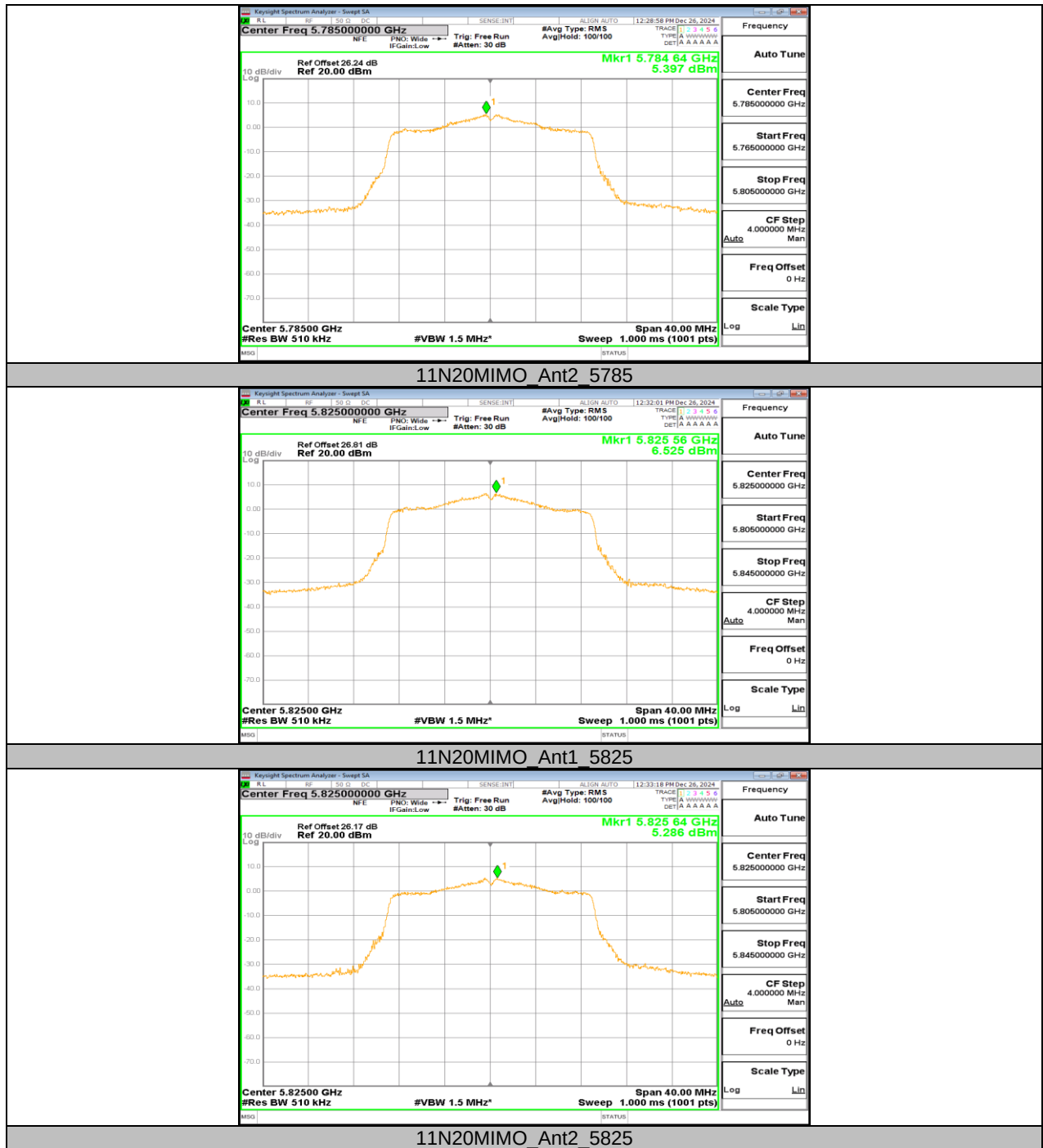
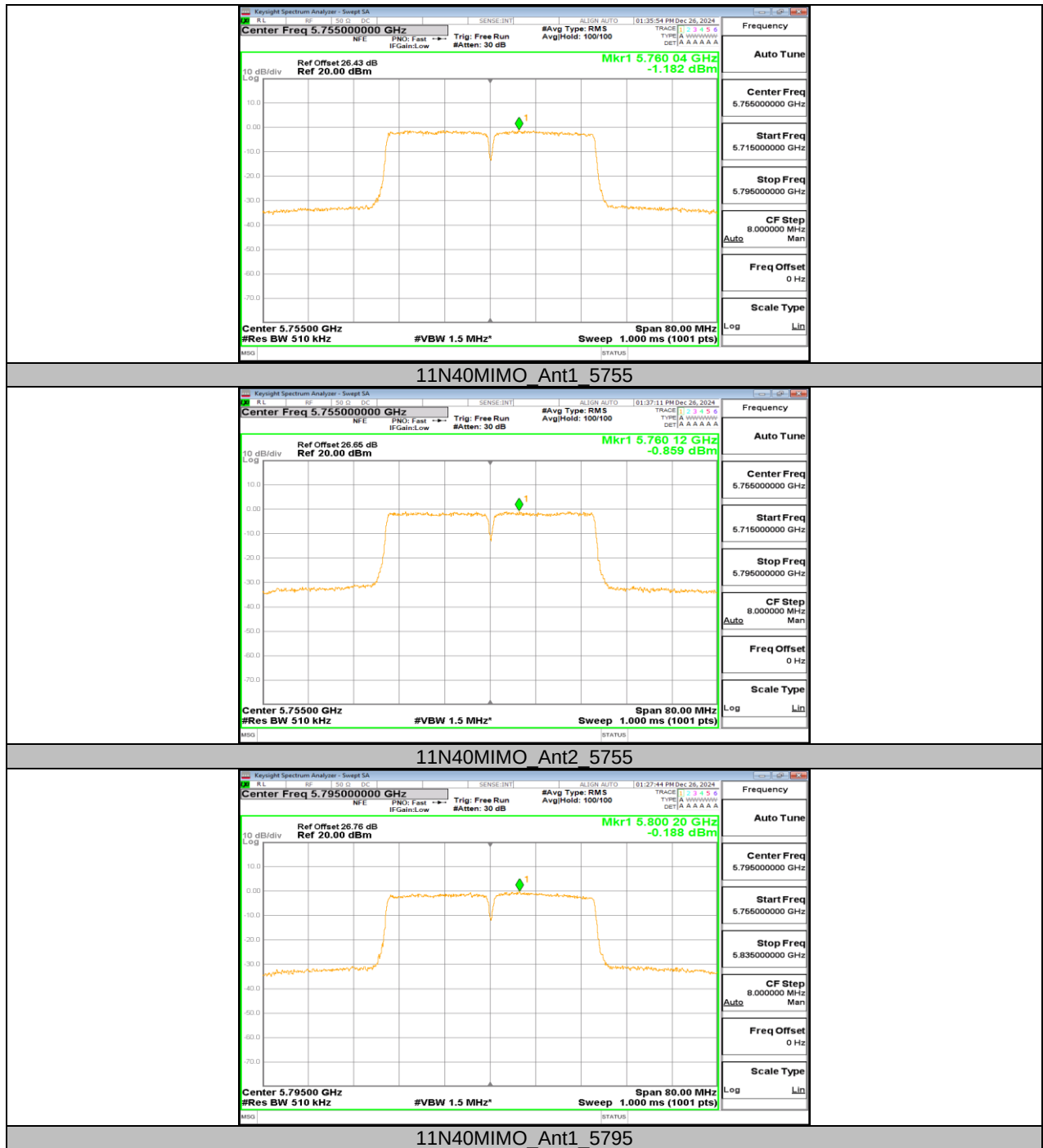
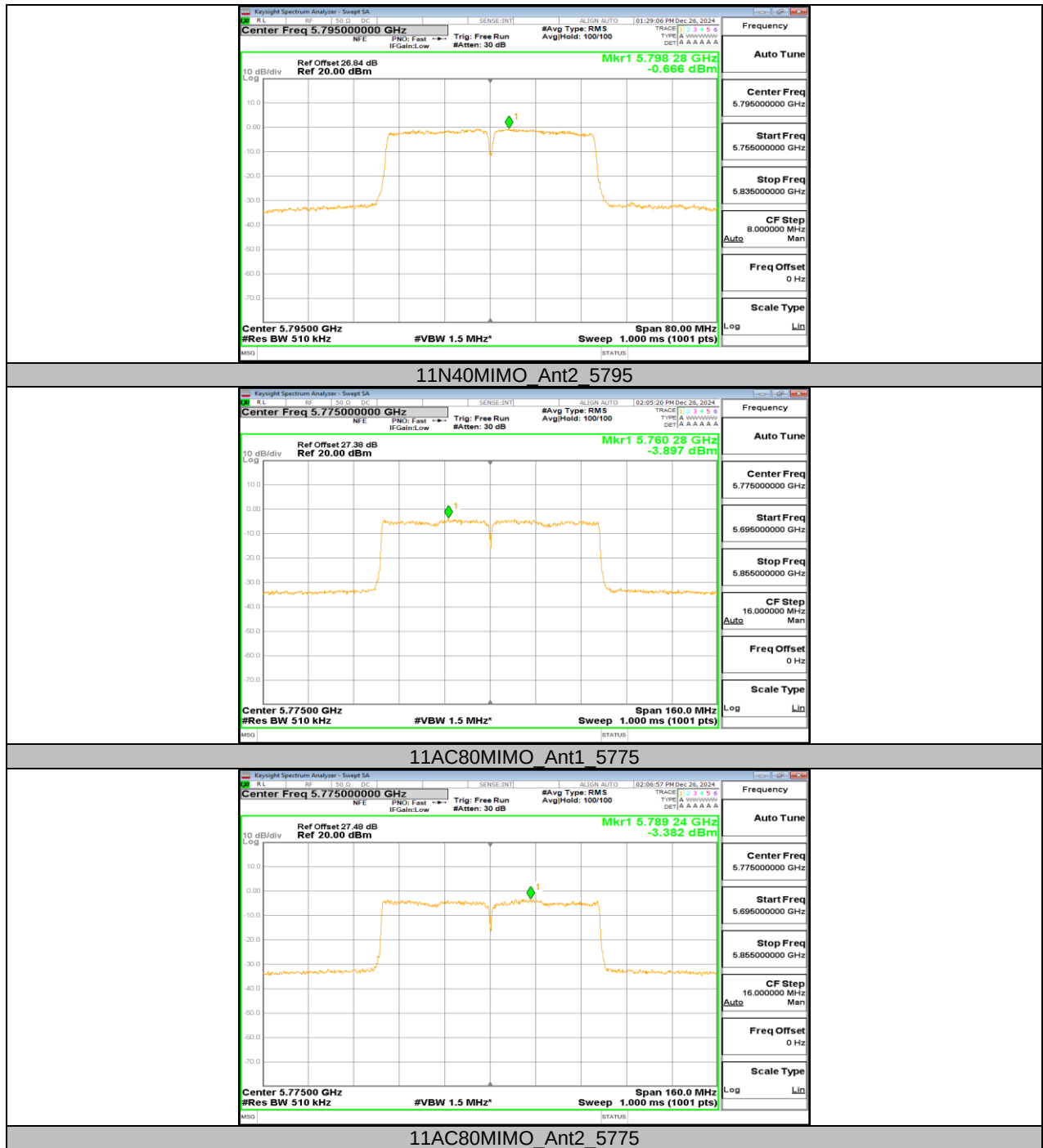


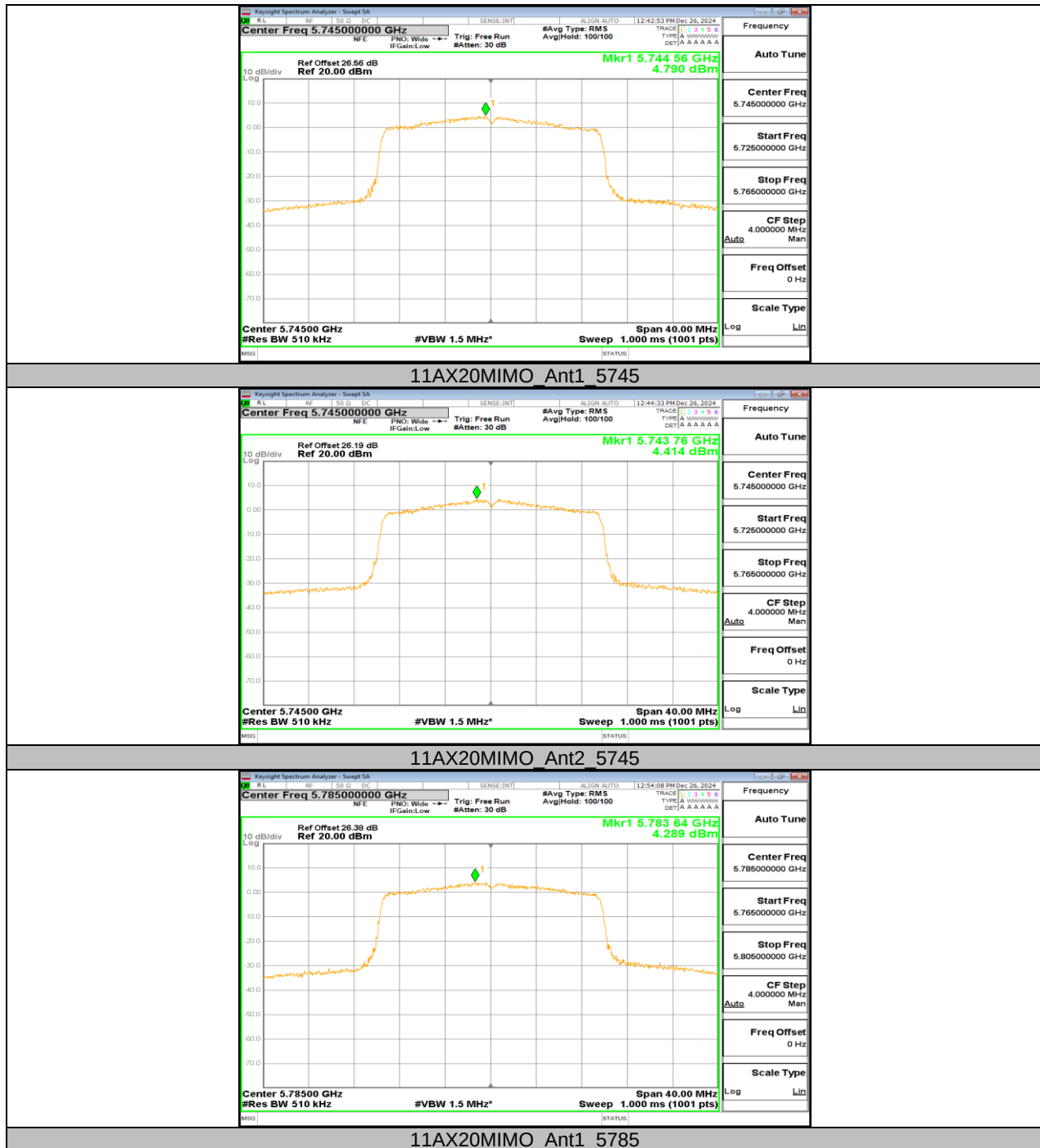


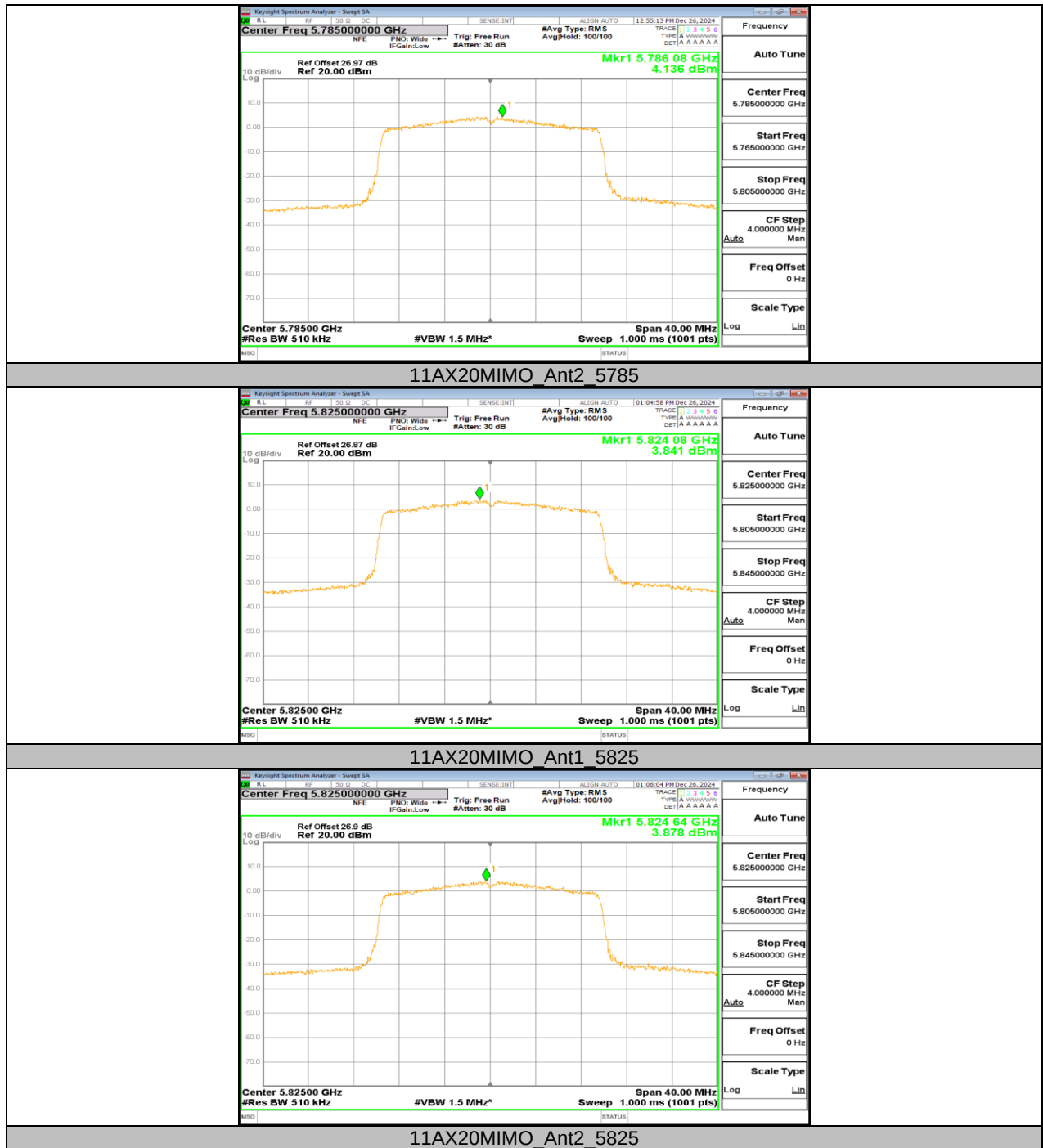


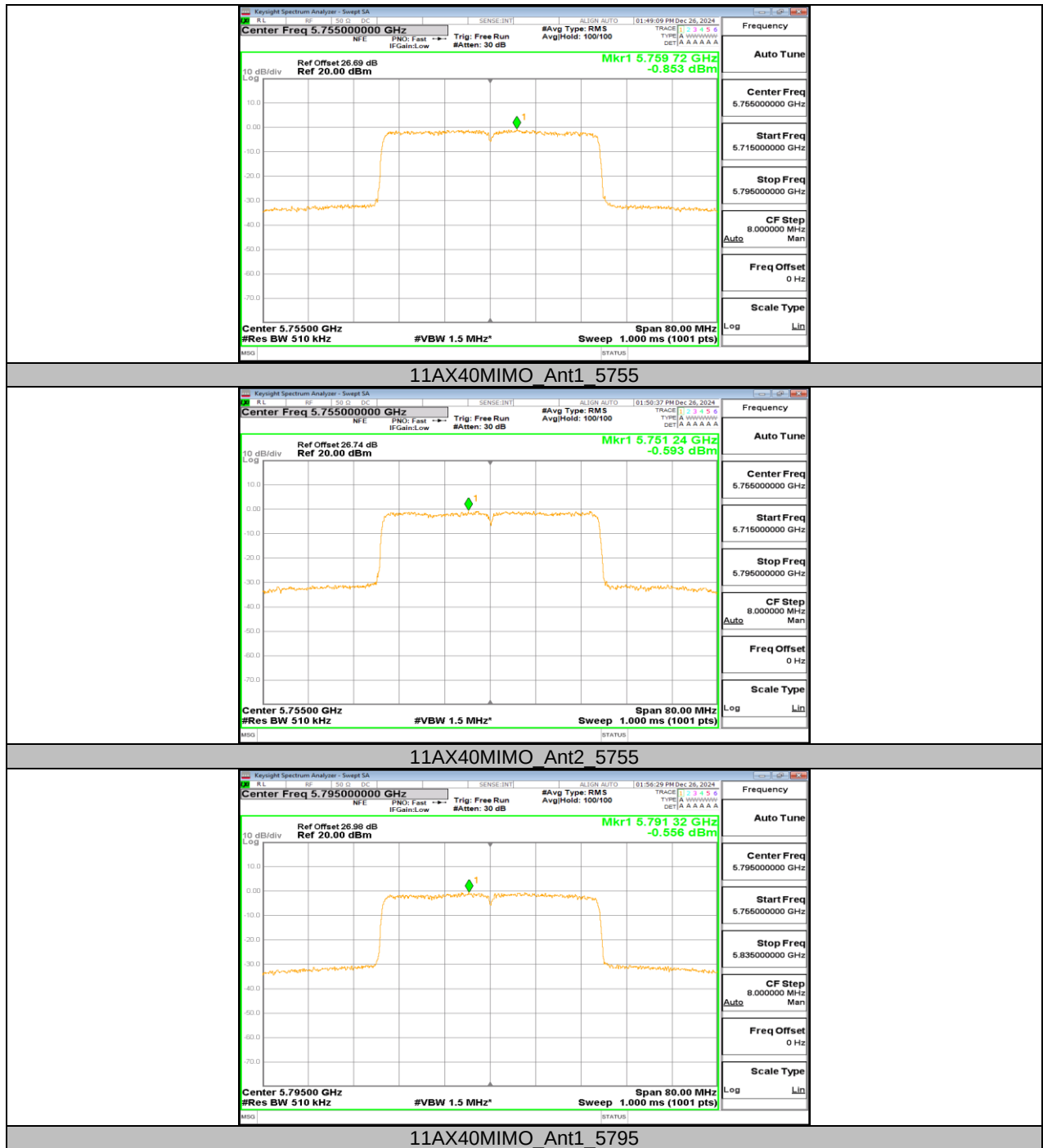


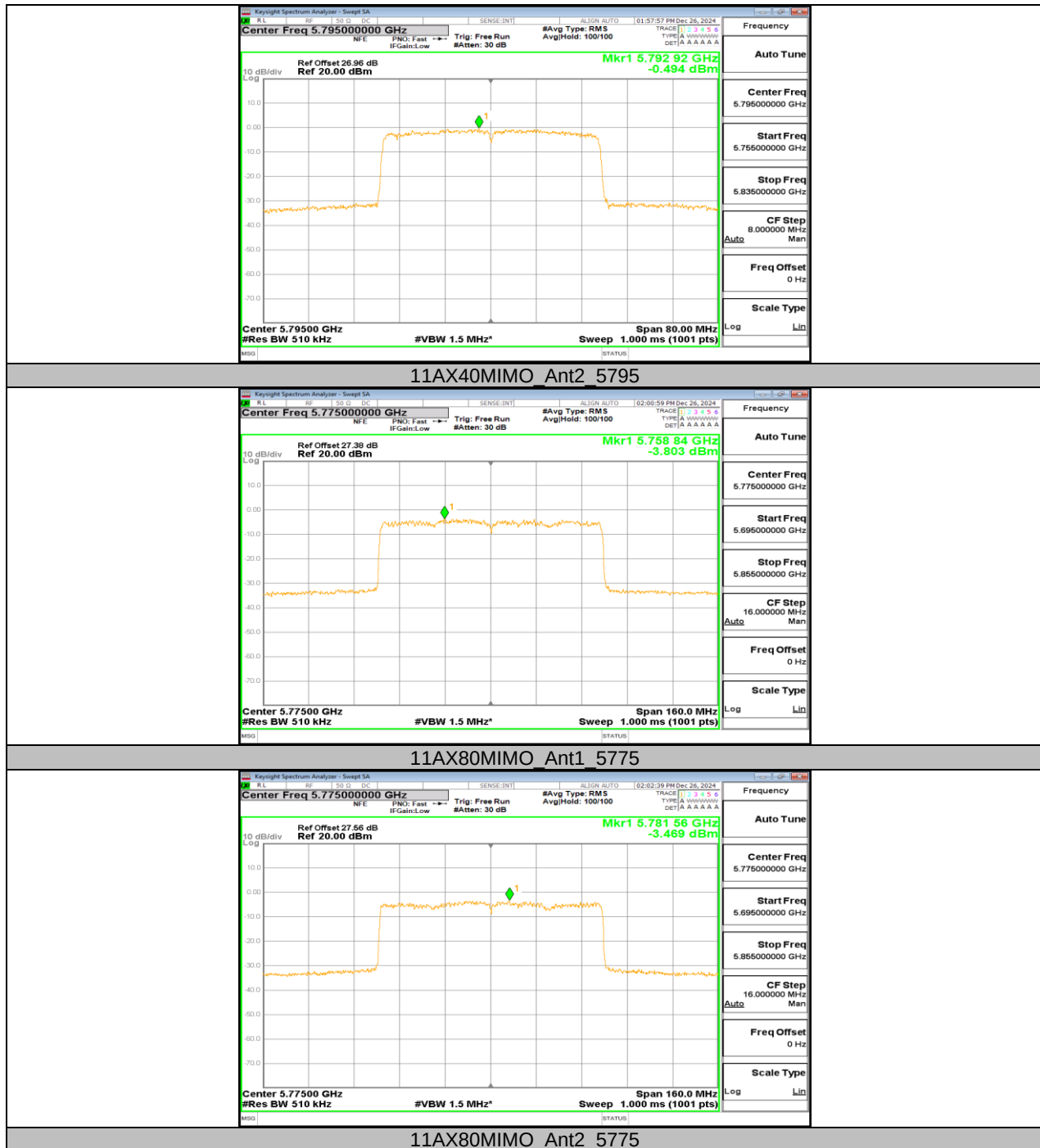












11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a: 5825 MHz									
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	5824.9988	-0.20	5824.9993	-0.11	5825.0213	3.66	5825.0011	0.18
TN	VN	5825.0165	2.83	5825.0082	1.40	5824.9871	-2.21	5824.9995	-0.09
TN	VH	5824.9847	-2.63	5824.9844	-2.68	5825.0208	3.57	5824.9957	-0.73
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)
45	VN	5825.0003	0.05	5824.9970	-0.51	5825.0147	2.53	5825.0106	1.82
40	VN	5824.9986	-0.24	5825.0067	1.15	5824.9940	-1.04	5824.9968	-0.55
30	VN	5824.9965	-0.60	5825.0122	2.10	5825.0239	4.11	5825.0071	1.22
20	VN	5824.9922	-1.35	5824.9775	-3.86	5825.0164	2.82	5825.0048	0.83
10	VN	5825.0016	0.27	5824.9847	-2.63	5825.0211	3.62	5824.9752	-4.26
0	VN	5824.9965	-0.59	5824.9852	-2.53	5824.9867	-2.29	5824.9936	-1.10
-10	VN	5824.9751	-4.27	5824.9874	-2.16	5824.9773	-3.90	5825.0076	1.30
-20	VN	5825.0072	1.23	5825.0240	4.12	5824.9791	-3.59	5824.9857	-2.46

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-CDD	1.43	1.53	0.9346	93.46	0.29	0.70	1
11N20MIMO	0.69	0.92	0.7500	75.00	1.25	1.45	2
11N40MIMO	0.36	0.46	0.7826	78.26	1.06	2.78	3
11AC80MIMO	0.19	0.29	0.6552	65.52	1.84	5.26	6
11AX20MIMO	0.56	0.75	0.7467	74.67	1.27	1.79	2
11AX40MIMO	0.31	0.42	0.7381	73.81	1.32	3.23	4
11AX80MIMO	0.19	0.29	0.6552	65.52	1.84	5.26	6

Note:

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

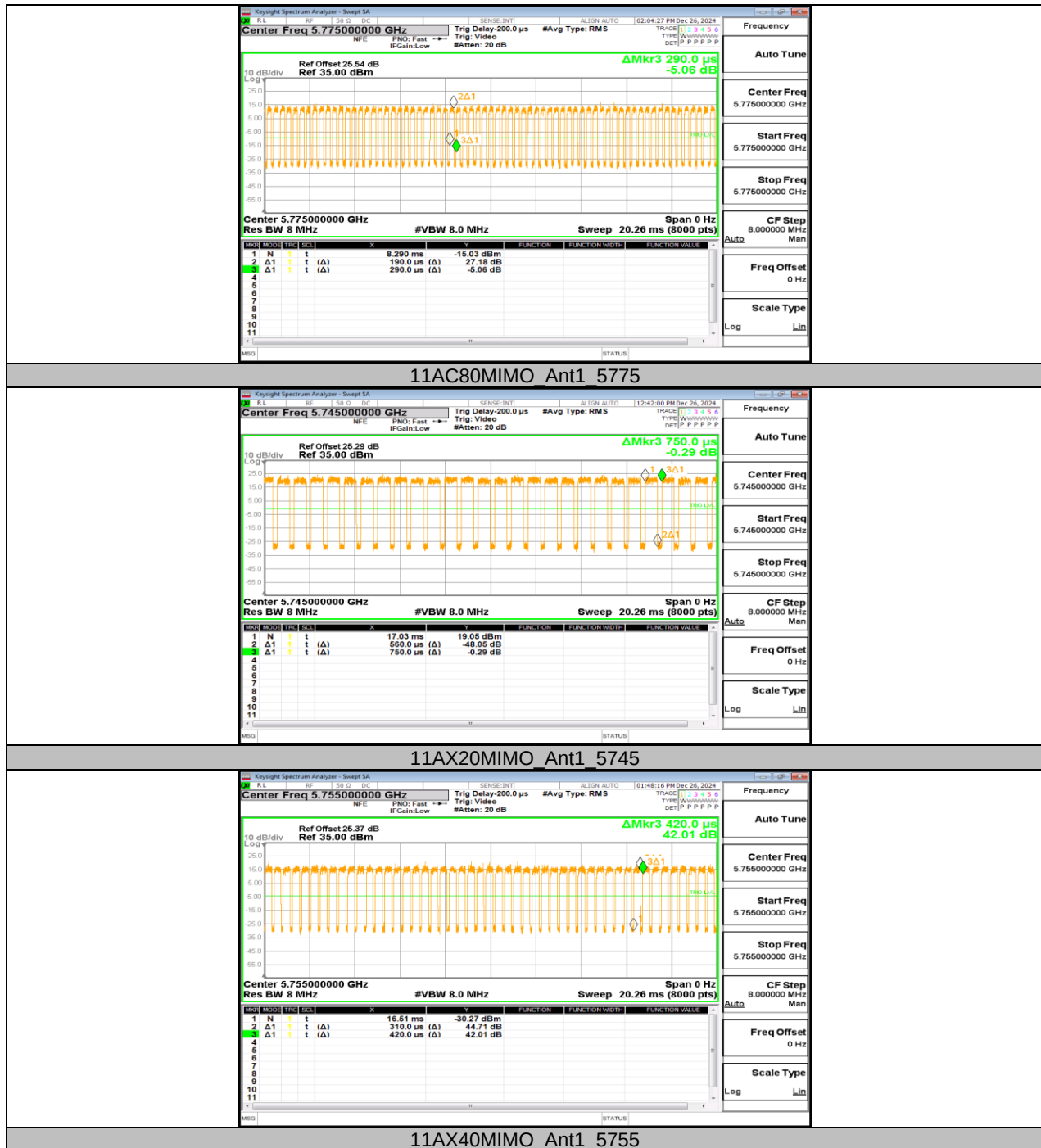
Where: x is Duty Cycle (Linear)

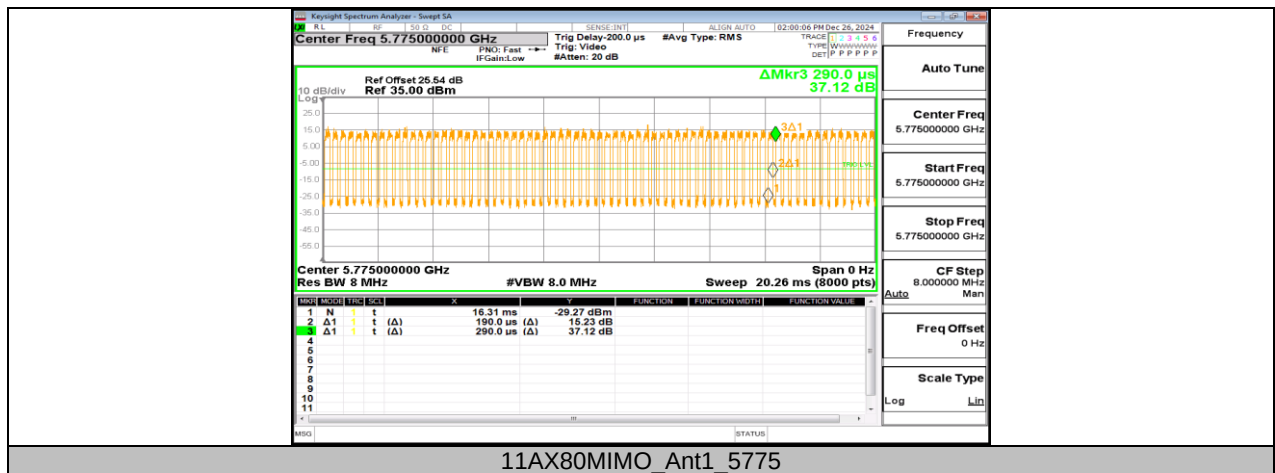
Where: T is On Time

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