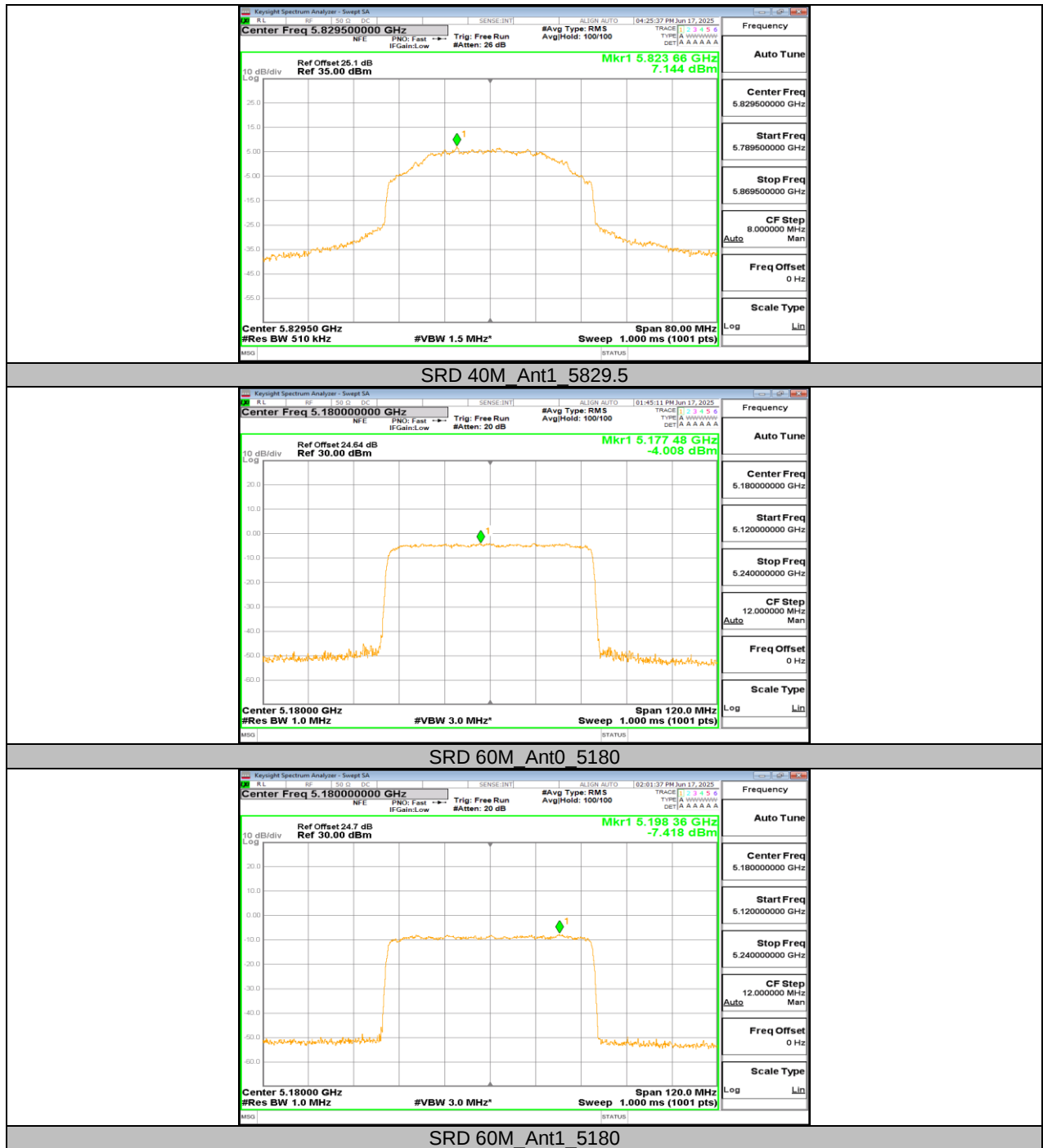
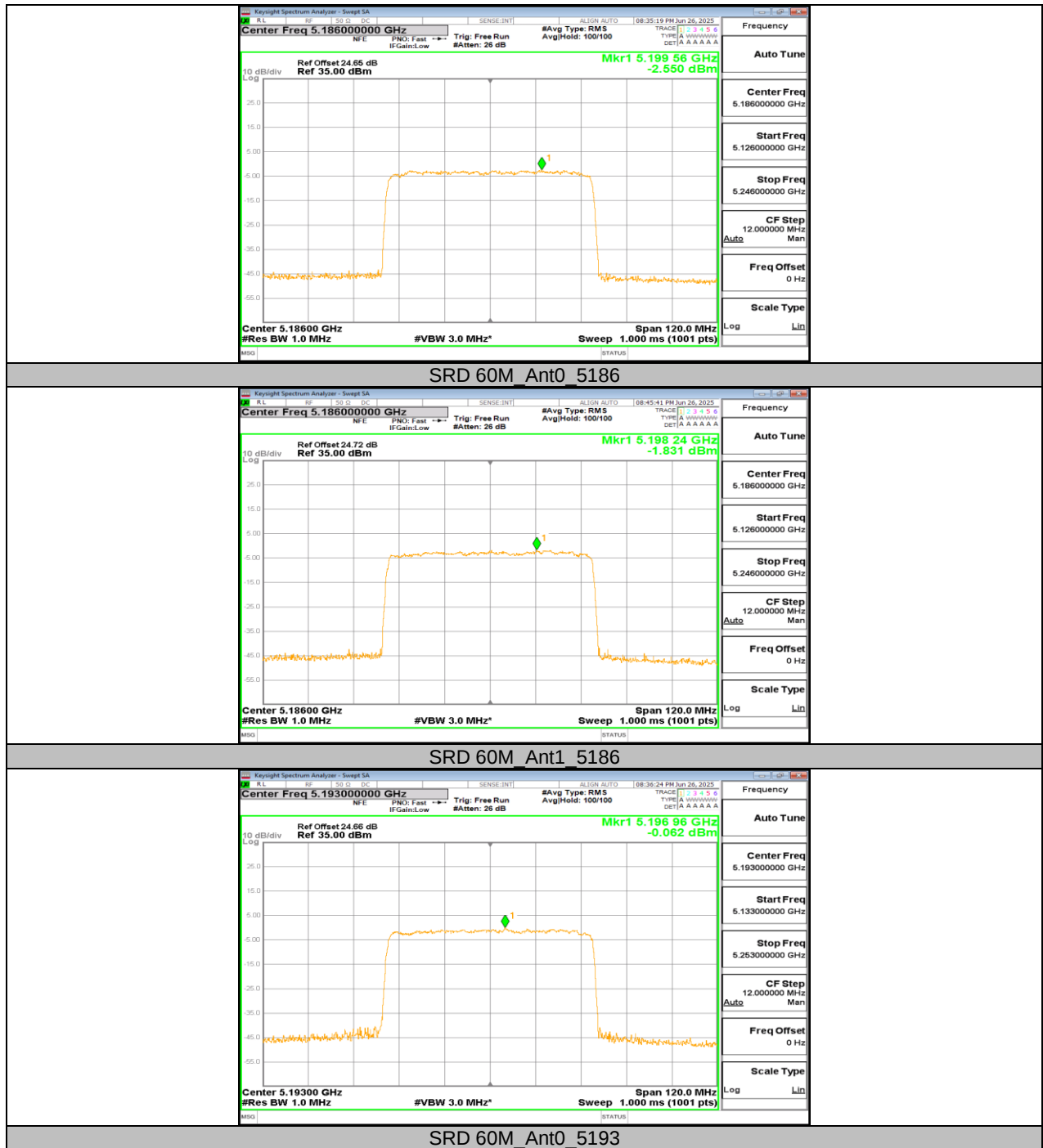
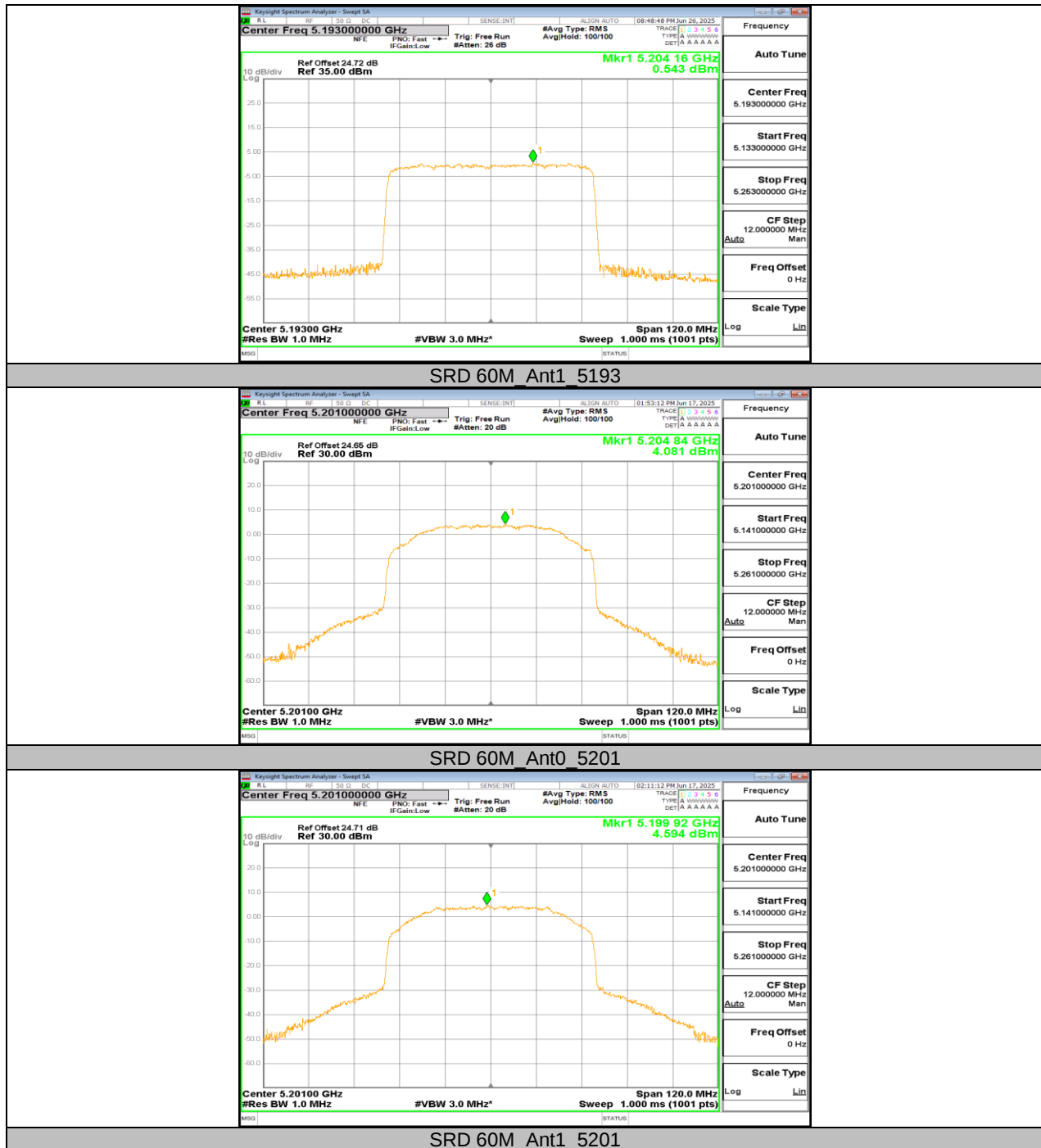
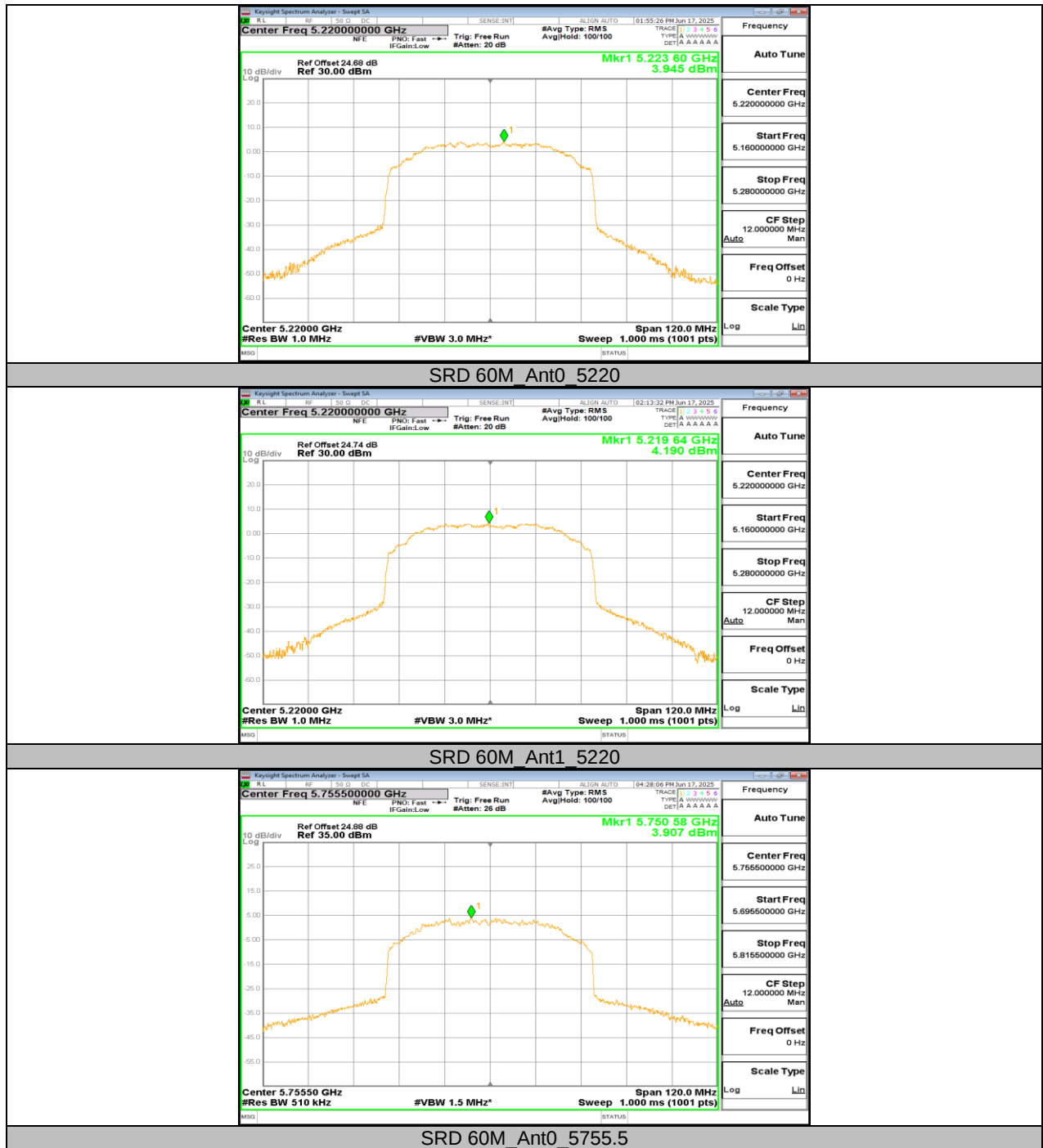
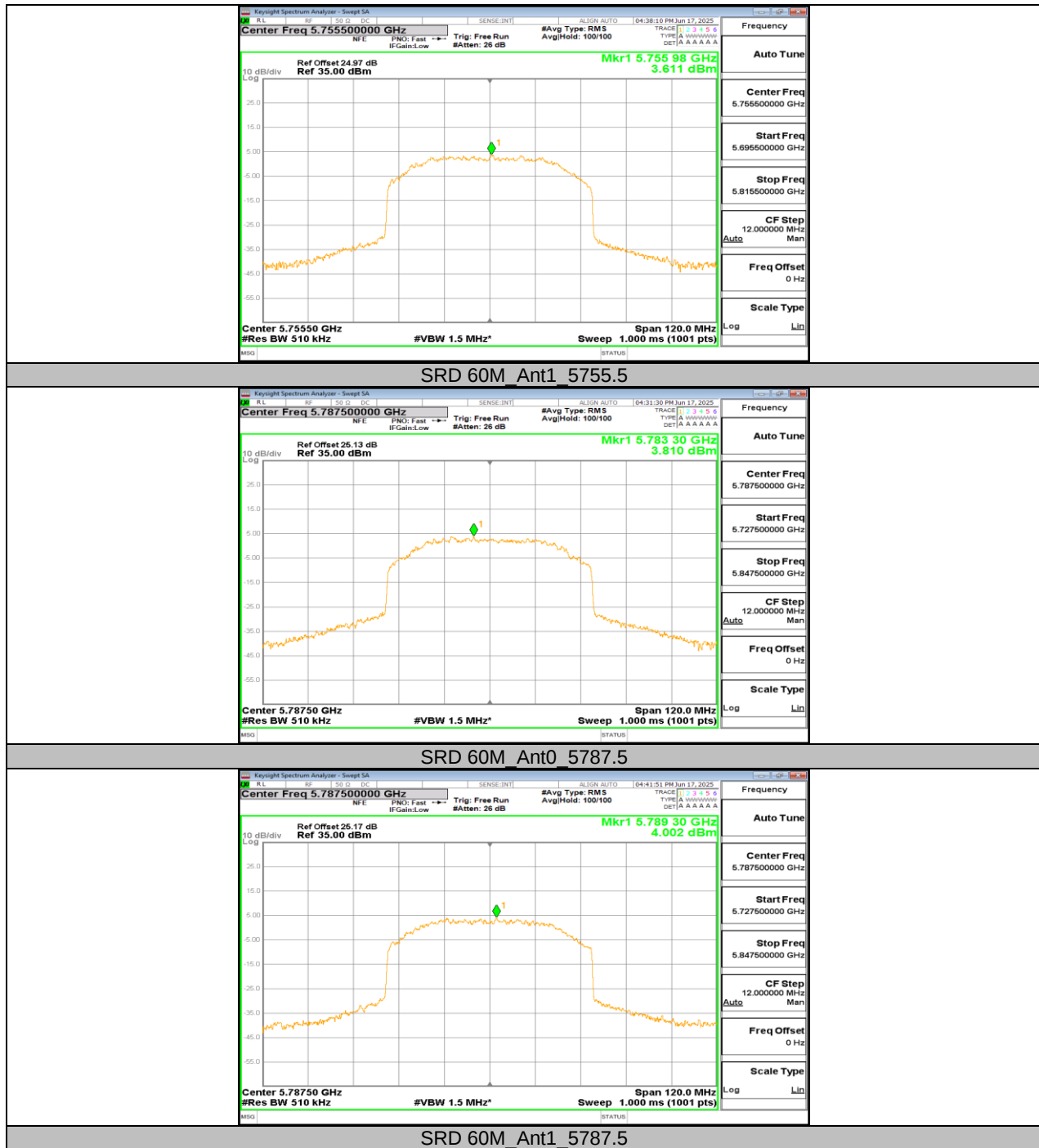


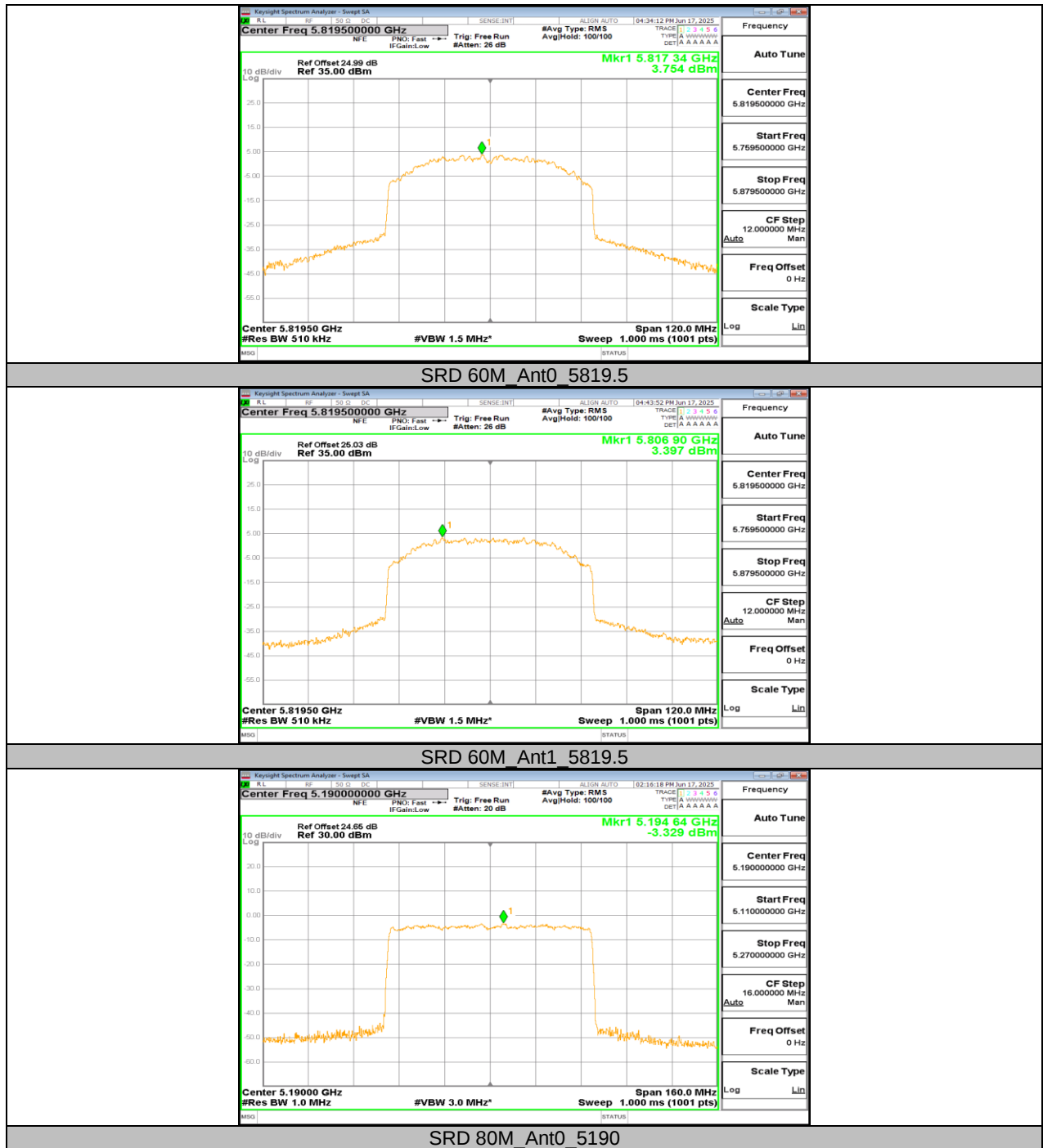


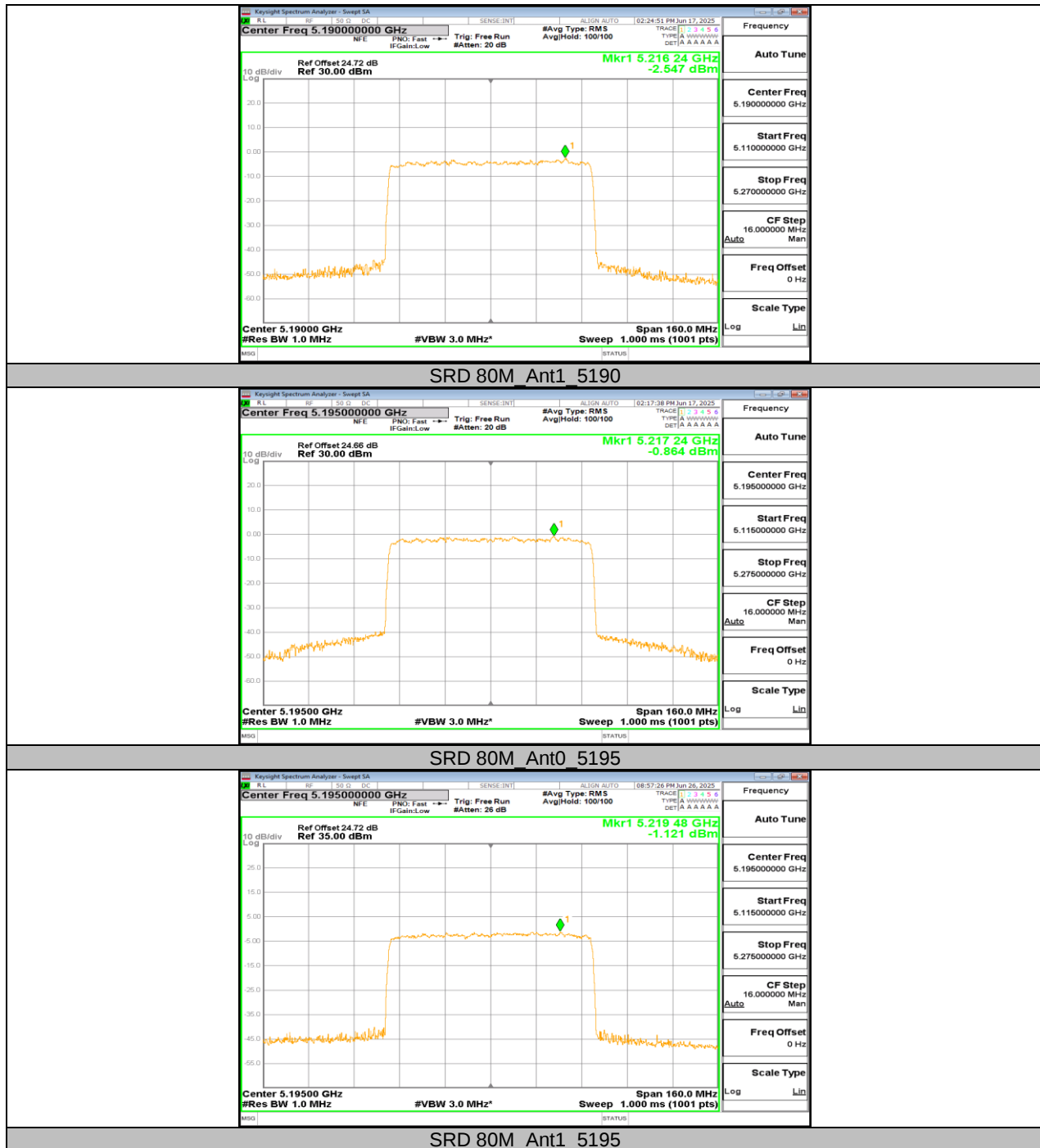


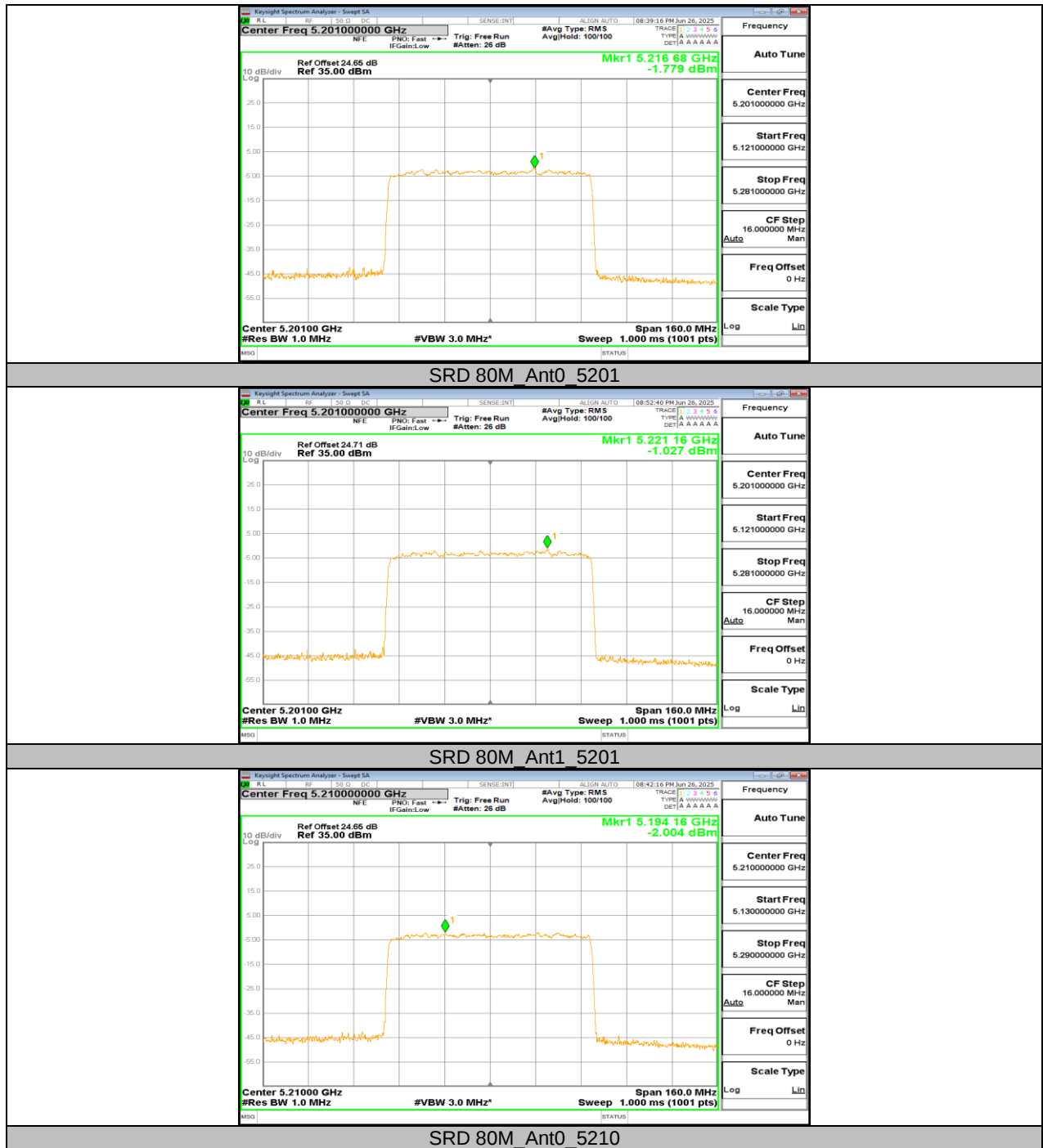


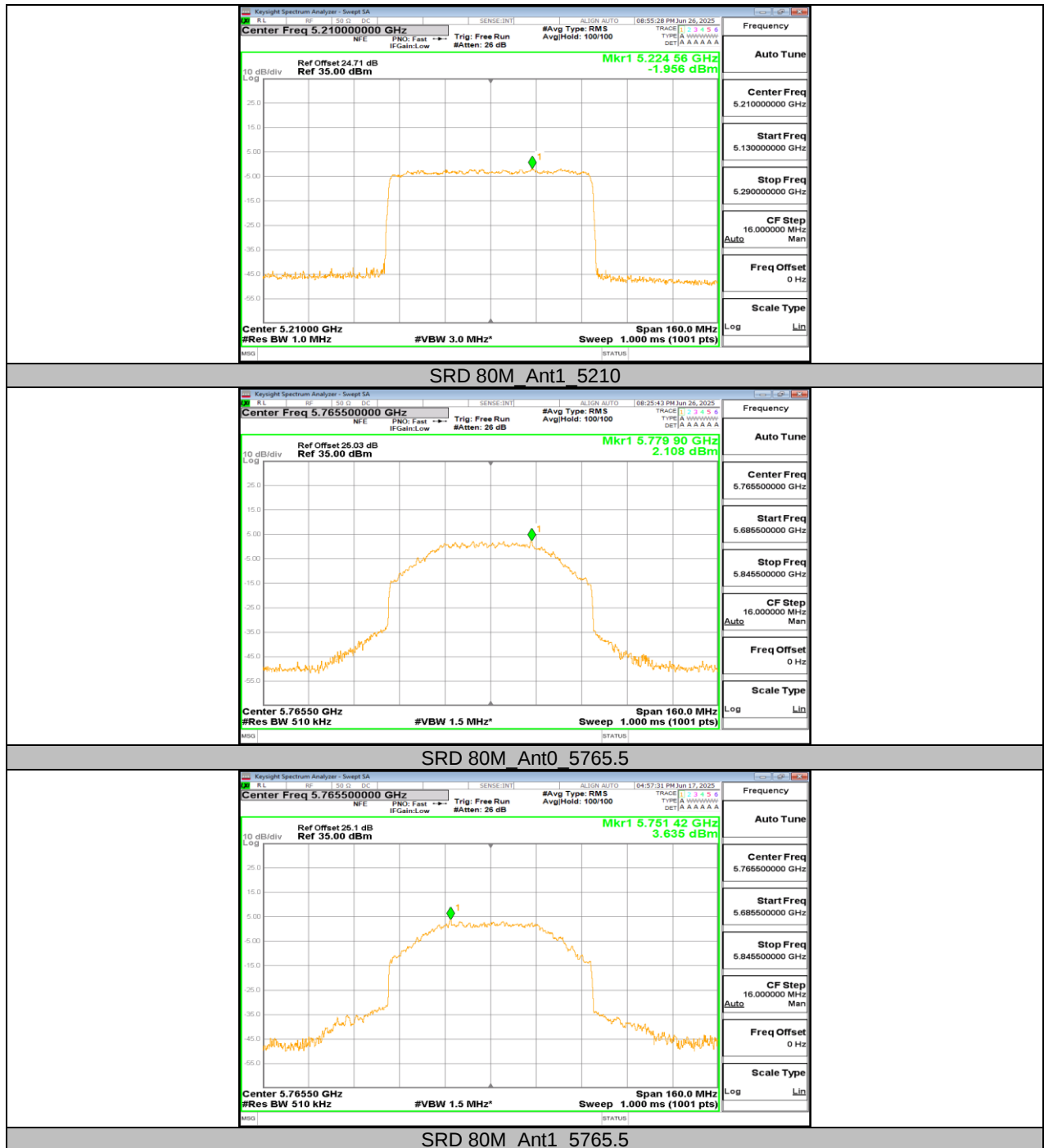


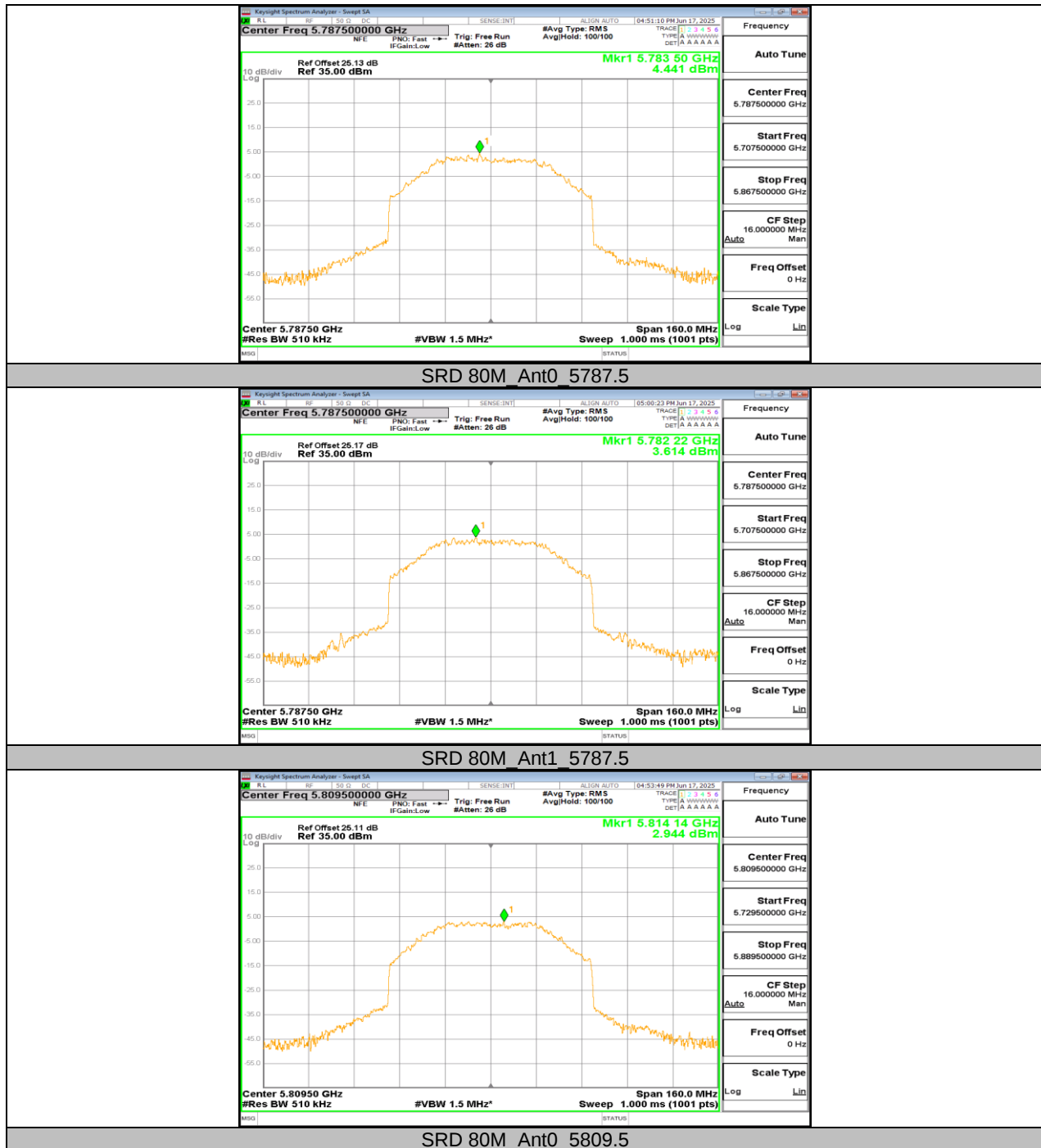


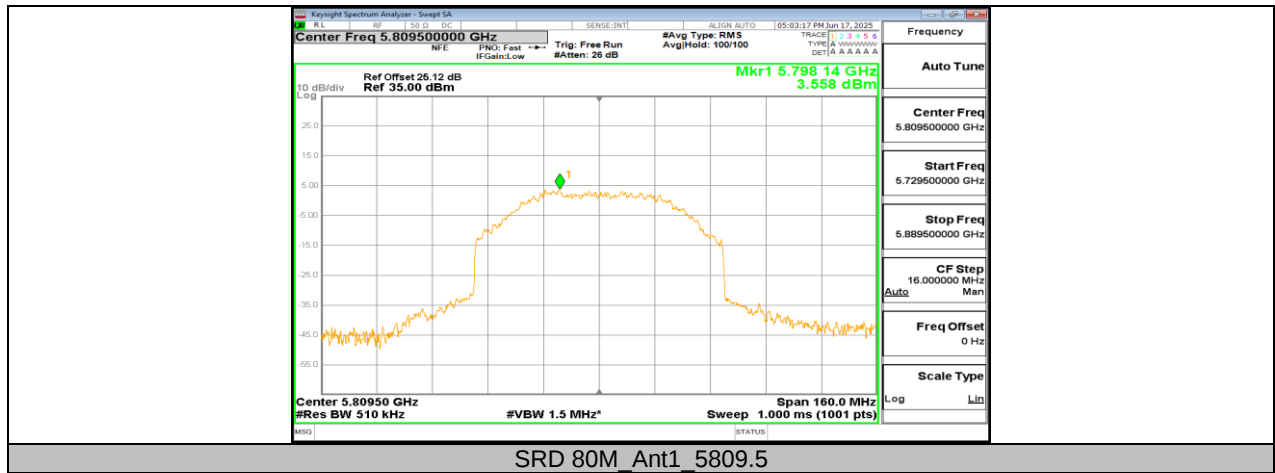












11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
SRD 10M:5730.5MHz									
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	5730.4758	-4.23	5730.5138	2.41	5730.4945	-0.95	5730.5121	2.10
TN	VN	5730.5153	2.67	5730.5058	1.02	5730.5158	2.76	5730.4826	-3.04
TN	VH	5730.4948	-0.90	5730.4787	-3.71	5730.5198	3.45	5730.5231	4.03
Frequency Error vs. Temperature									
SRD 10M:5730.5MHz									
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	5730.5233	4.06	5730.4969	-0.54	5730.5155	2.70	5730.5081	1.42
30	VN	5730.5027	0.47	5730.4925	-1.30	5730.4819	-3.15	5730.5017	0.30
20	VN	5730.4947	-0.93	5730.5231	4.02	5730.5100	1.75	5730.4753	-4.31
10	VN	5730.4830	-2.96	5730.4966	-0.60	5730.4792	-3.63	5730.5031	0.54
0	VN	5730.4957	-0.75	5730.4772	-3.98	5730.5008	0.14	5730.4997	-0.05

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)
SRD 10M	105.00	105.00	1.0000	100.00	0.00	0.01	0.01
SRD 20M	105.00	105.00	1.0000	100.00	0.00	0.01	0.01
SRD 40M	105.00	105.00	1.0000	100.00	0.00	0.01	0.01
SRD 60M	105.00	105.00	1.0000	100.00	0.00	0.01	0.01
SRD 80M	105.00	105.00	1.0000	100.00	0.00	0.01	0.01

Note:

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

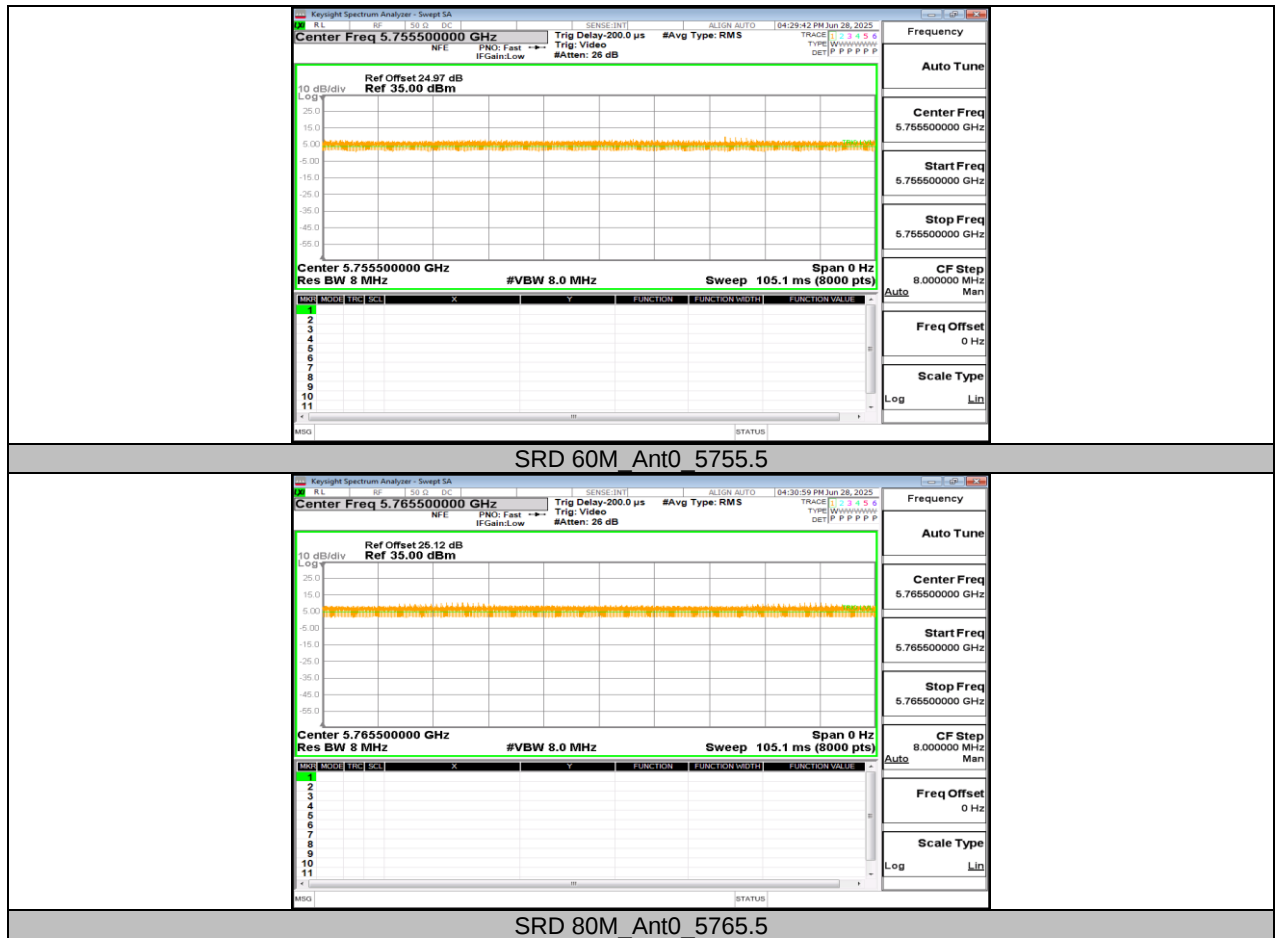
Where: x is Duty Cycle (Linear)

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





END OF REPORT