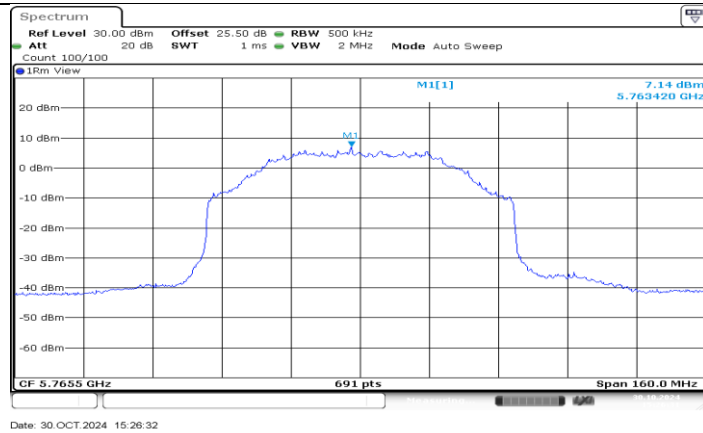
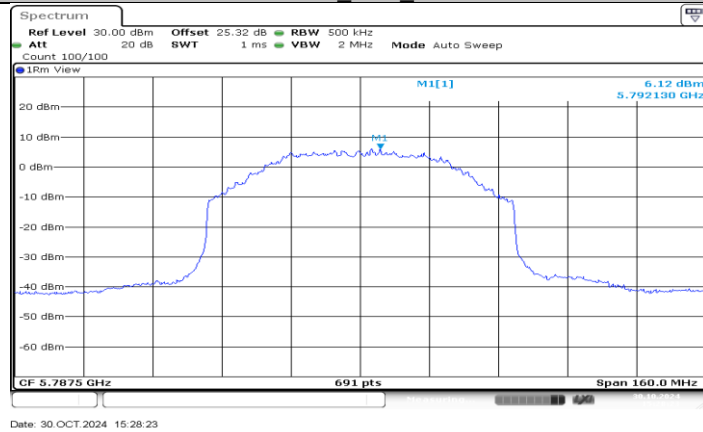
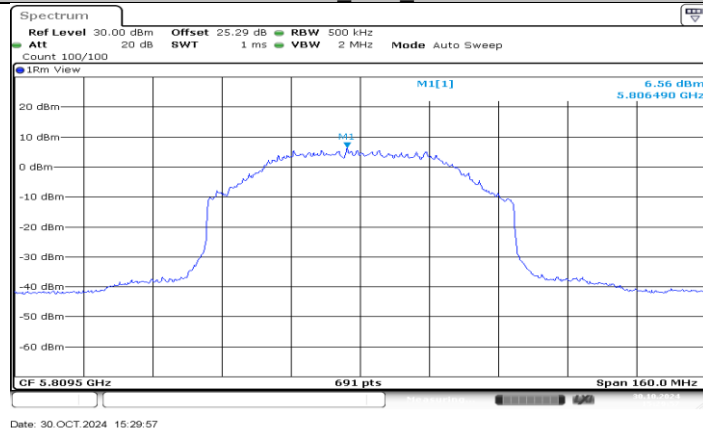




SRD 80M_Ant1_5765.5



SRD 80M_Ant1_5787.5



SRD 80M_Ant1_5809.5

10.6. APPENDIX F: FREQUENCY STABILITY

10.6.1. Test Result

Frequency Error vs. Voltage									
SRD 10M 5201MHz									
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	5201.0006	0.11	5201.0060	1.16	5201.0224	4.32	5201.0177	3.40
TN	VN	5200.9911	-1.71	5200.9947	-1.02	5200.9827	-3.33	5201.0234	4.51
TN	VH	5200.9935	-1.24	5200.9853	-2.83	5201.0240	4.62	5200.9986	-0.27
Frequency Error vs. Temperature									
SRD 10M 5201MHz									
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	5200.9827	-3.33	5200.9921	-1.52	5200.9792	-4.00	5200.9889	-2.13
30	VN	5201.0010	0.18	5200.9820	-3.47	5201.0083	1.60	5201.0019	0.37
20	VN	5200.9843	-3.02	5201.0016	0.32	5201.0117	2.25	5201.0040	0.77
10	VN	5200.9917	-1.59	5201.0186	3.57	5201.0060	1.15	5200.9781	-4.22
0	VN	5200.9896	-2.01	5201.0120	2.30	5201.0244	4.69	5200.9978	-0.42
-10	VN	5201.0143	2.75	5200.9981	-0.37	5200.9791	-4.02	5200.9804	-3.76

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.

10.7. APPENDIX G: DUTY CYCLE**10.7.1. 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	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 20M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 40M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 60M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 80M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note:

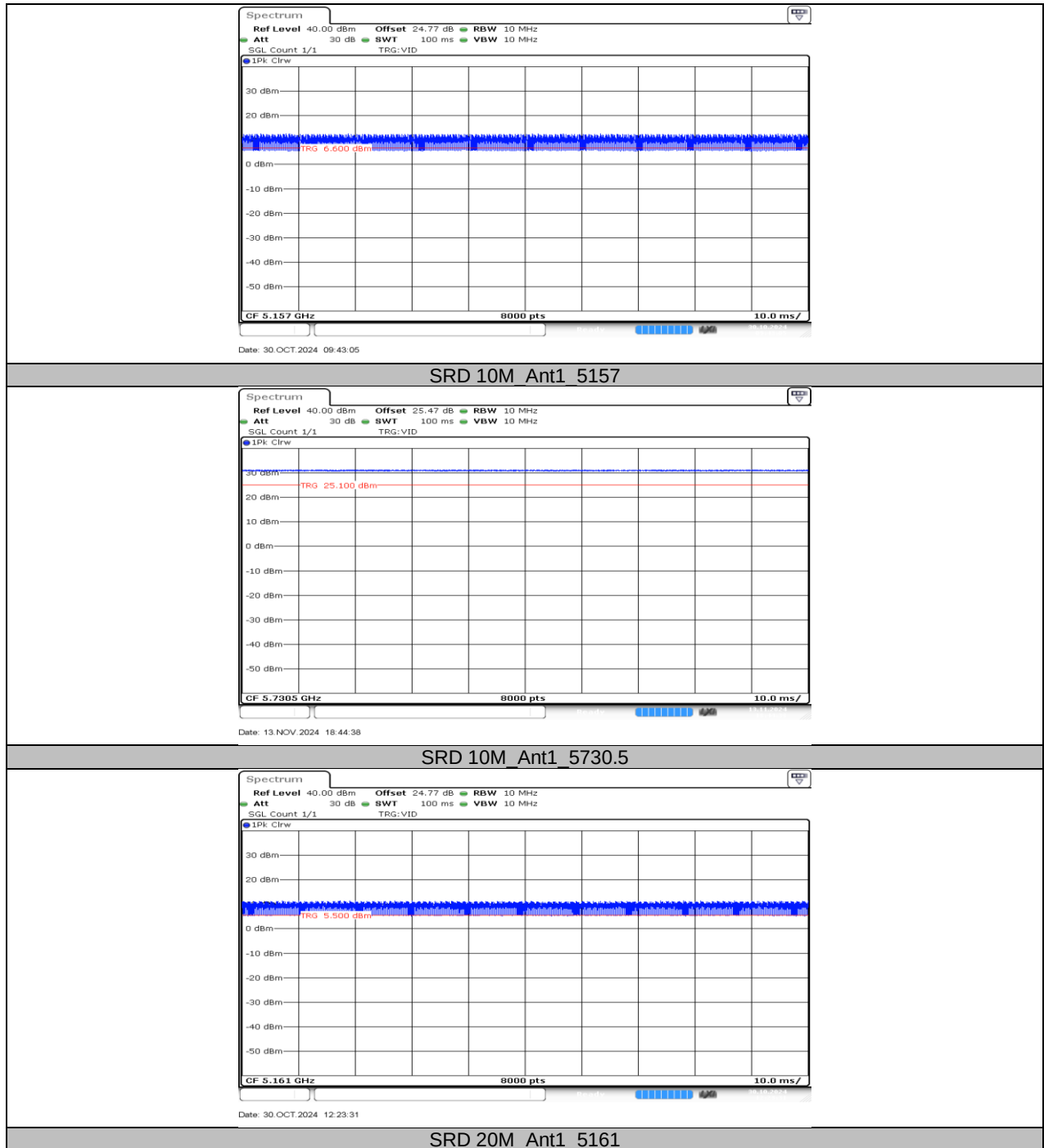
Duty Cycle Correction Factor= $10\log(1/x)$.

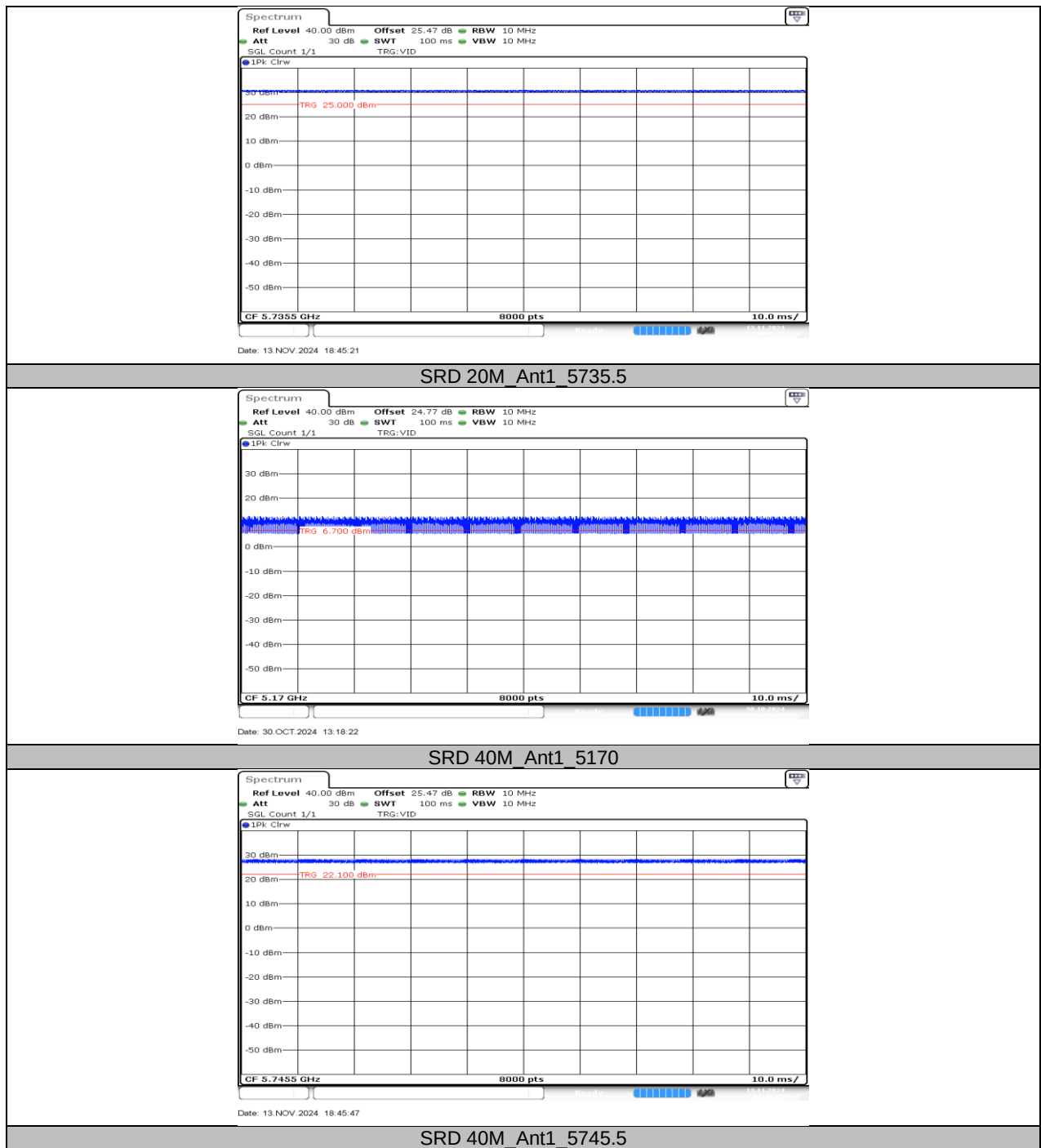
Where: x is Duty Cycle (Linear)

Where: T is On Time

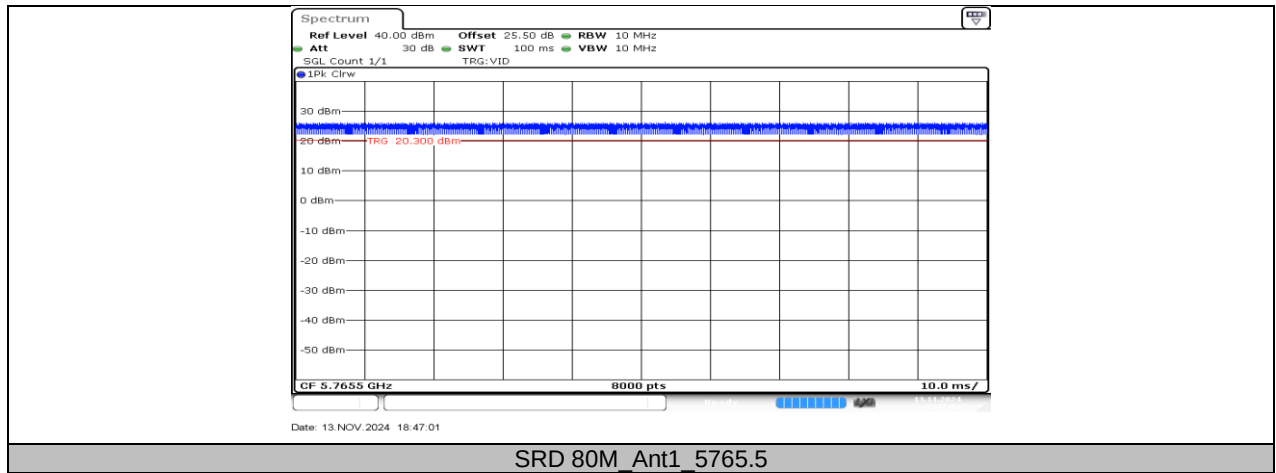
If that calculated VBW is not available on the analyzer then the next higher value should be used.

10.7.2. Test Graphs









END OF REPORT