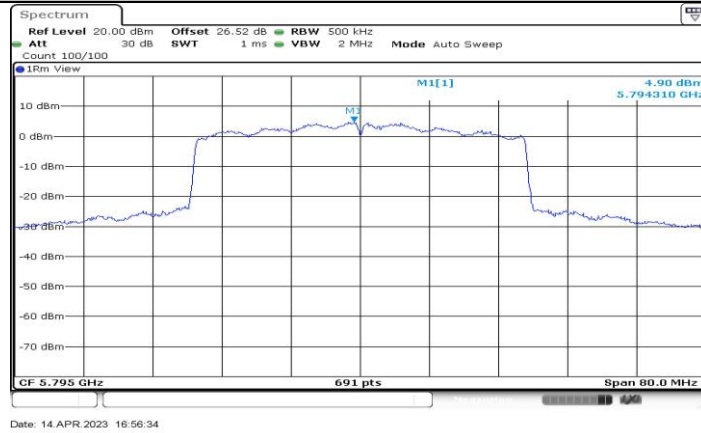


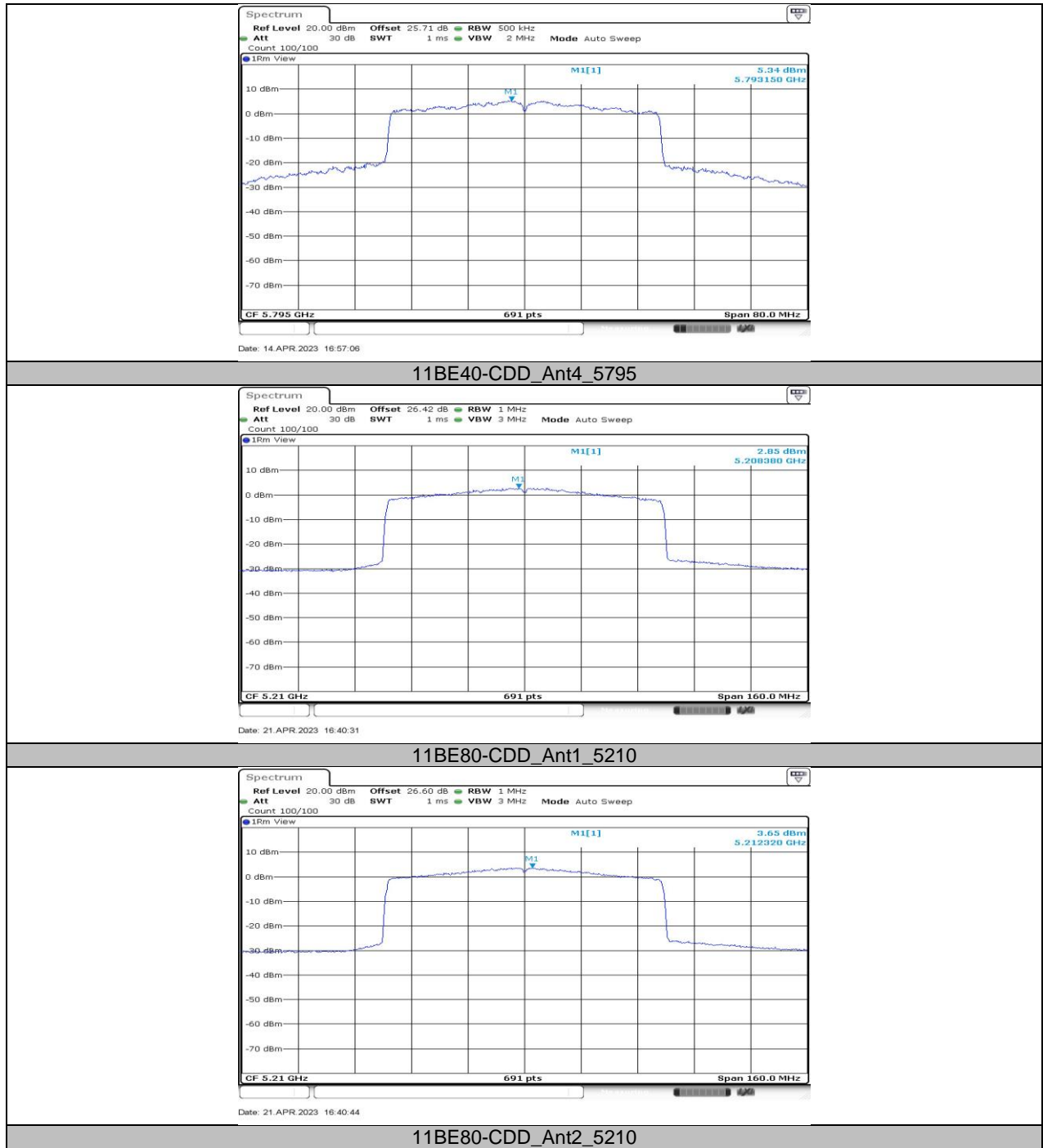
11BE40-CDD\_Ant1\_5795

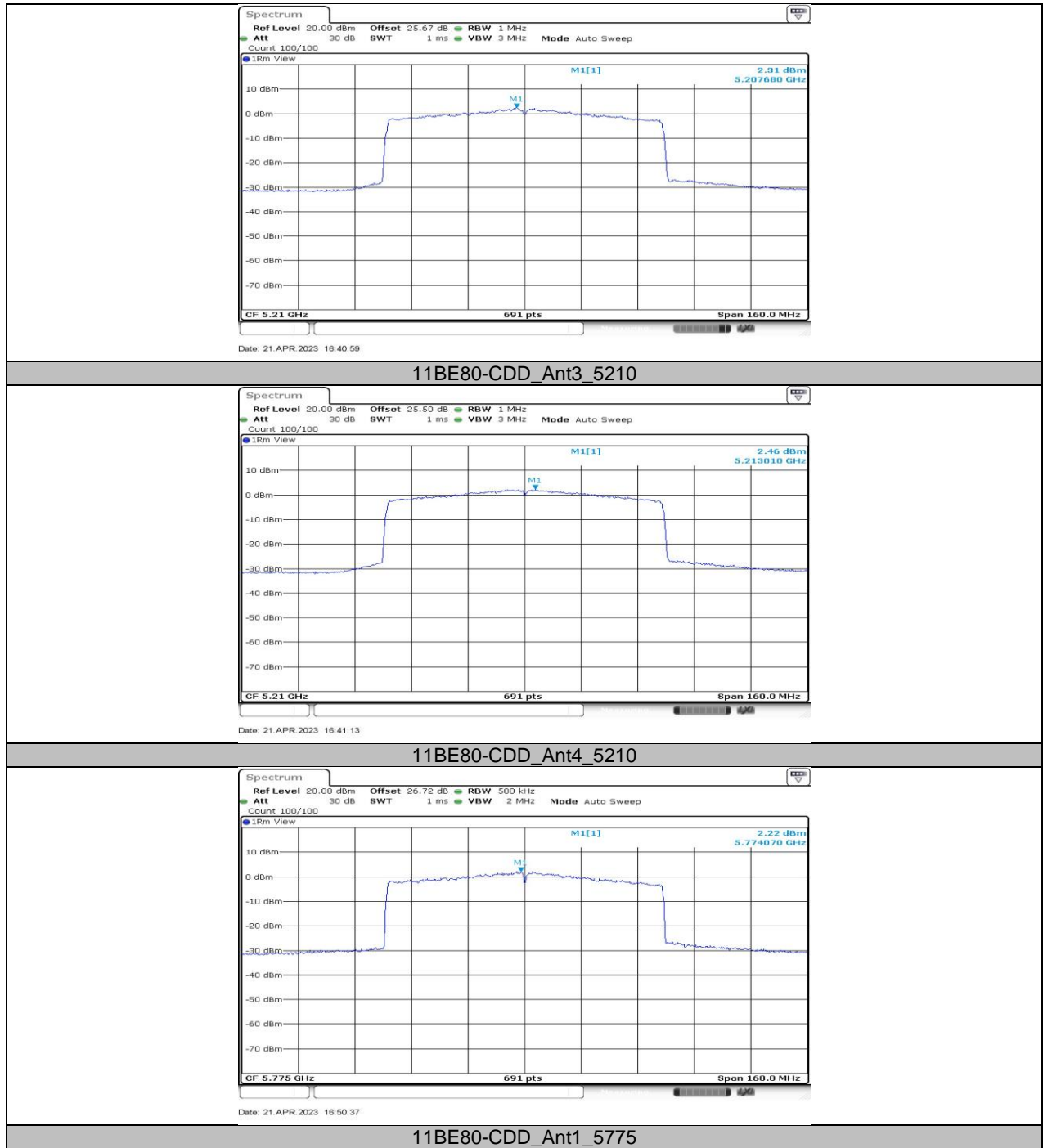


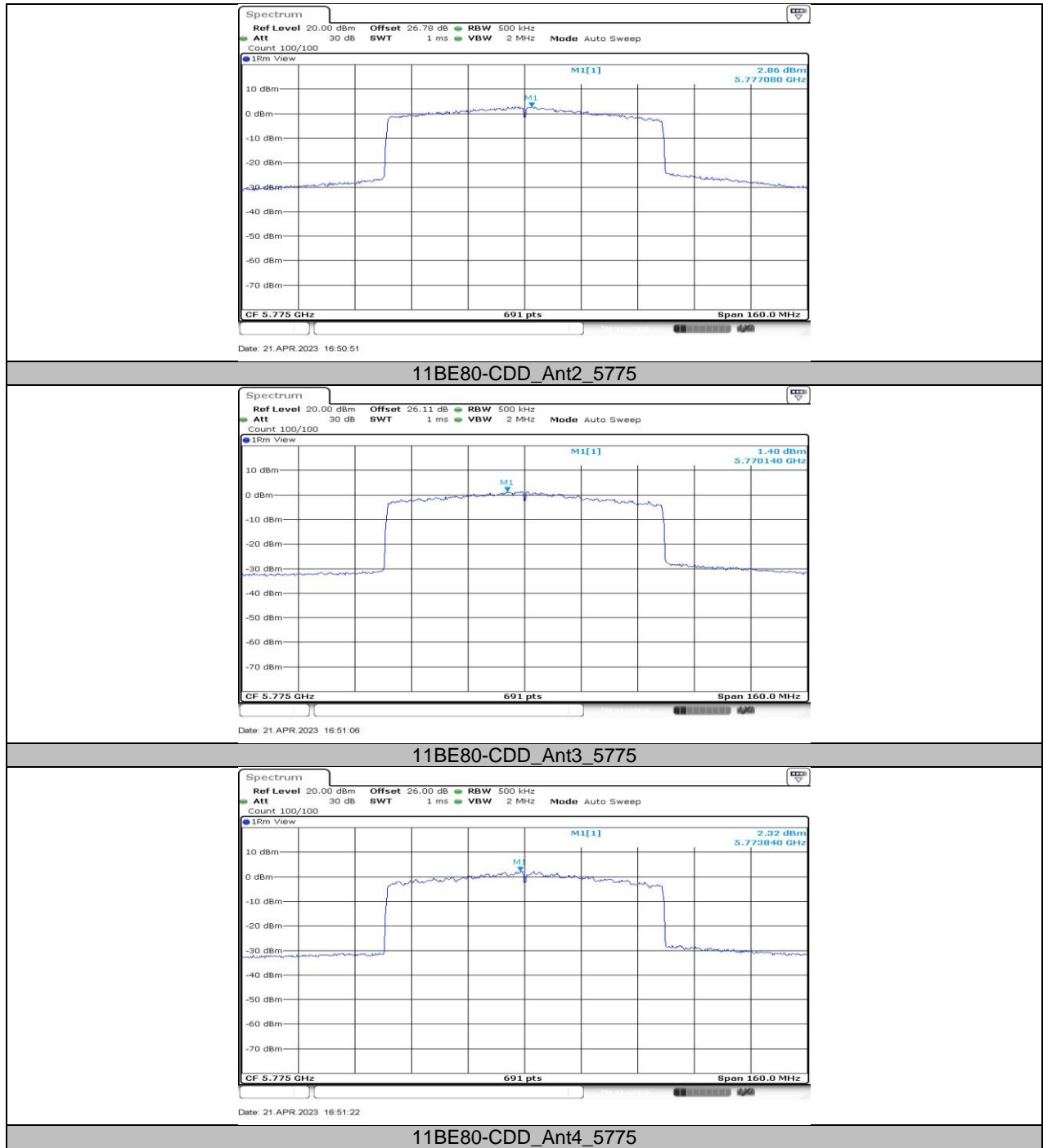
11BE40-CDD\_Ant2\_5795



11BE40-CDD\_Ant3\_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	5199.9801	-3.83	5200.0065	1.26	5199.9910	-1.73	5199.9846	-2.97
TN	VN	5200.0189	3.64	5200.0246	4.72	5199.9825	-3.37	5200.0053	1.03
TN	VH	5200.0198	3.80	5200.0195	3.75	5199.9924	-1.45	5199.9814	-3.58
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)
40	VN	5199.9886	-2.19	5199.9969	-0.59	5200.0169	3.26	5199.9852	-2.85
30	VN	5200.0126	2.42	5199.9953	-0.91	5199.9894	-2.04	5200.0205	3.95
20	VN	5200.0060	1.16	5199.9802	-3.81	5199.9970	-0.58	5199.9843	-3.01
10	VN	5200.0149	2.86	5200.0161	3.09	5200.0108	2.07	5199.9786	-4.11
0	VN	5199.9836	-3.15	5200.0028	0.54	5199.9980	-0.38	5199.9993	-0.13

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	1.38	1.44	0.9583	95.83	0.18	0.72	1
11AX20-CDD	1.01	1.07	0.9439	94.39	0.25	0.99	1
11AX40-CDD	0.54	0.60	0.9000	90.00	0.46	1.85	2
11AX80-CDD	0.29	0.35	0.8286	82.86	0.82	3.45	4
11BE20-CDD	1.03	1.09	0.9450	94.50	0.25	0.97	1
11BE40-CDD	0.55	0.61	0.9016	90.16	0.45	1.82	2
11BE80-CDD	0.30	0.36	0.8333	83.33	0.79	3.33	4

Note:

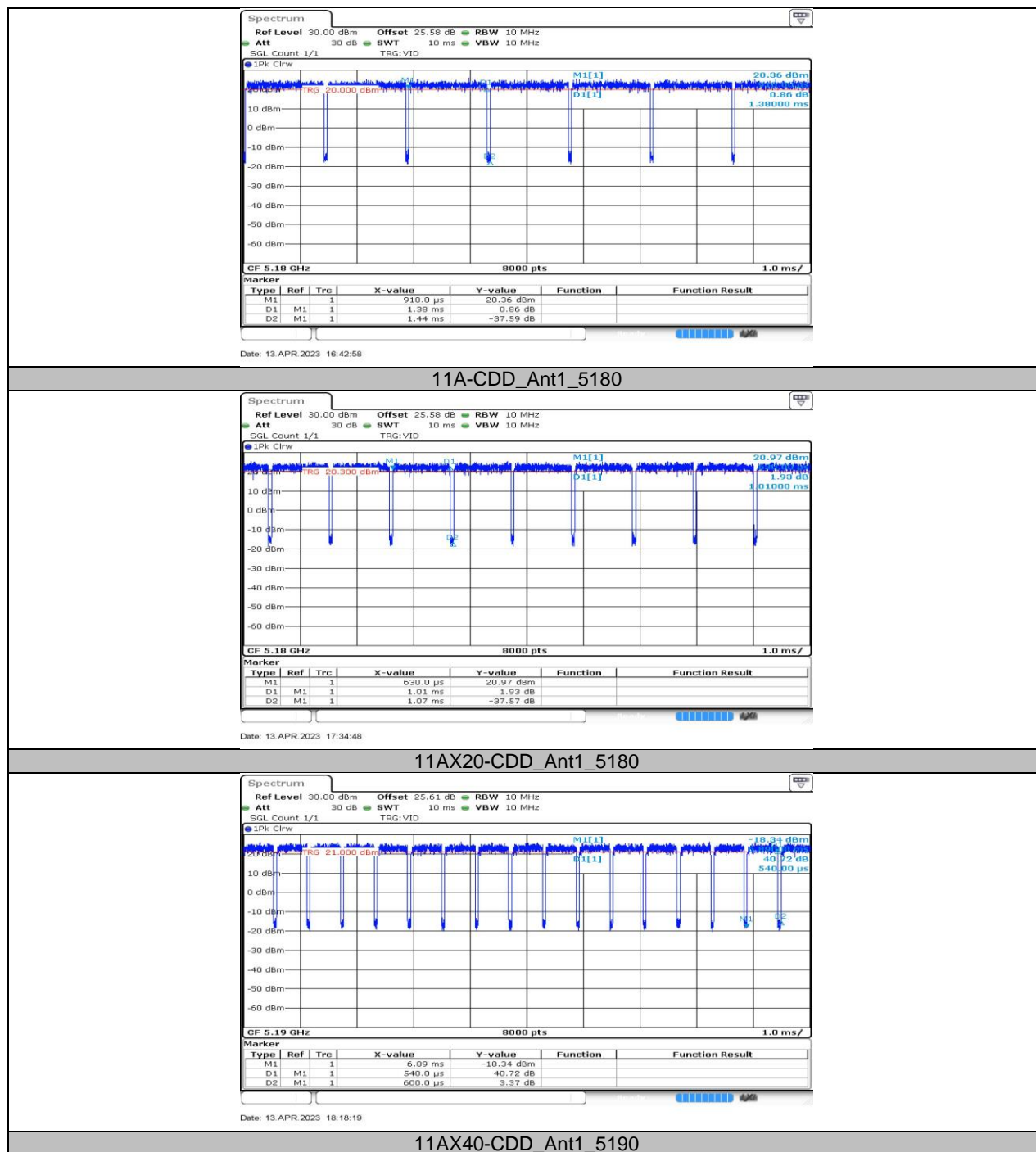
Duty Cycle Correction Factor= $10\log(1/x)$ .

Where: x is Duty Cycle (Linear)

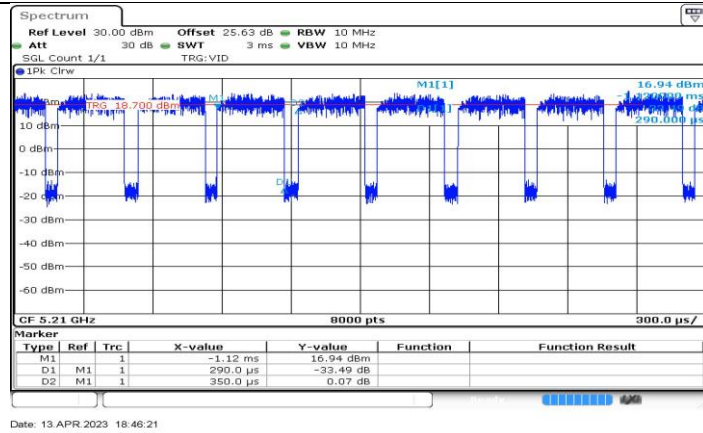
Where: T is On Time

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

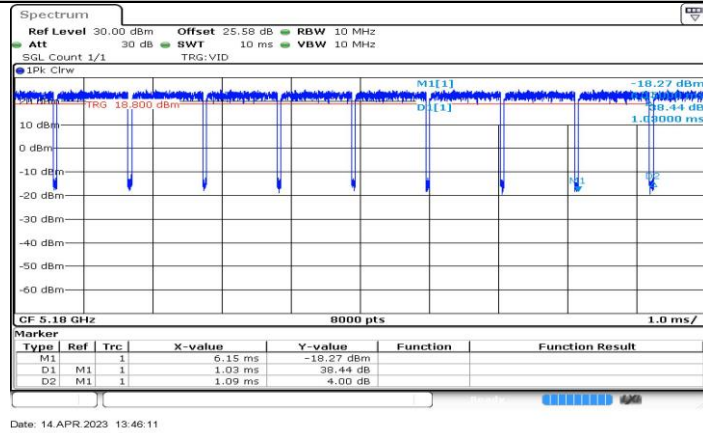
## 11.7.2. Test Graphs



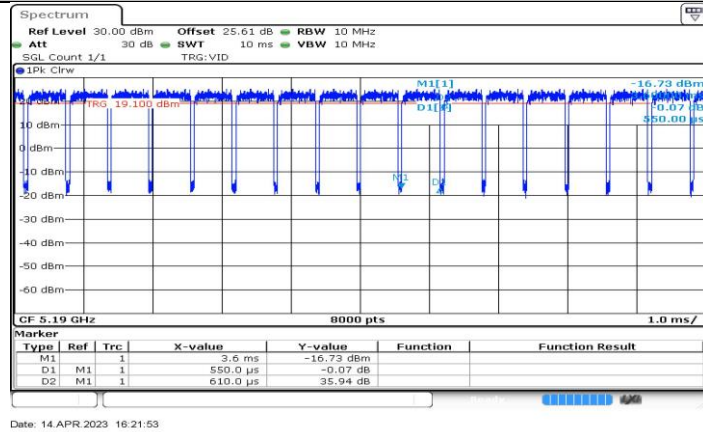




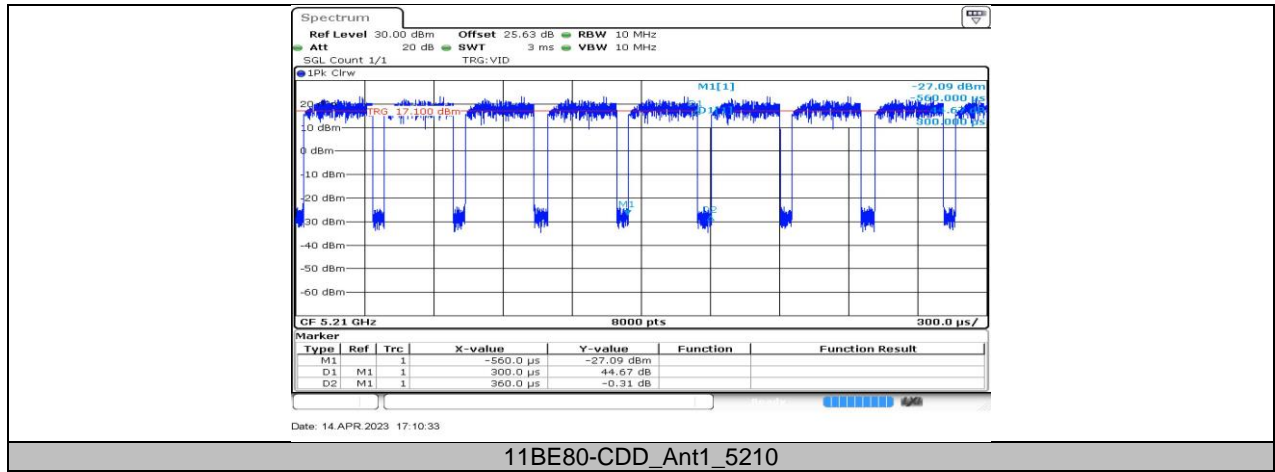
11AX80-CDD\_Ant1\_5210



11BE20-CDD\_Ant1\_5180



11BE40-CDD\_Ant1\_5190



END OF REPORT