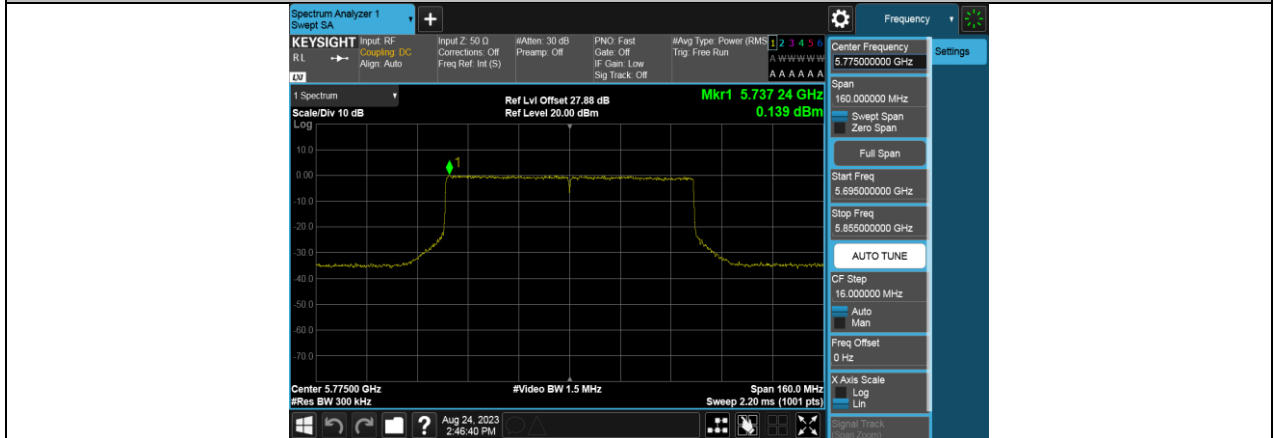
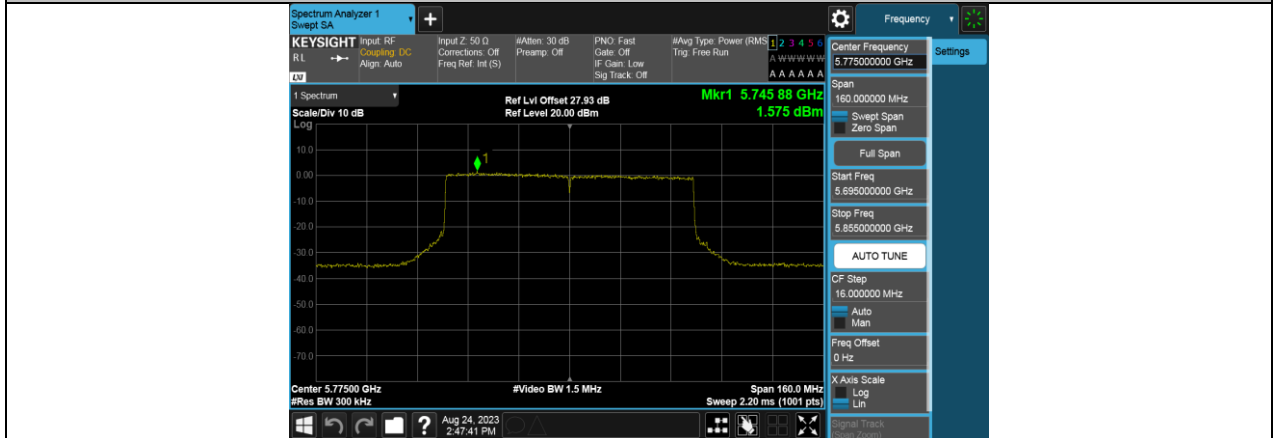


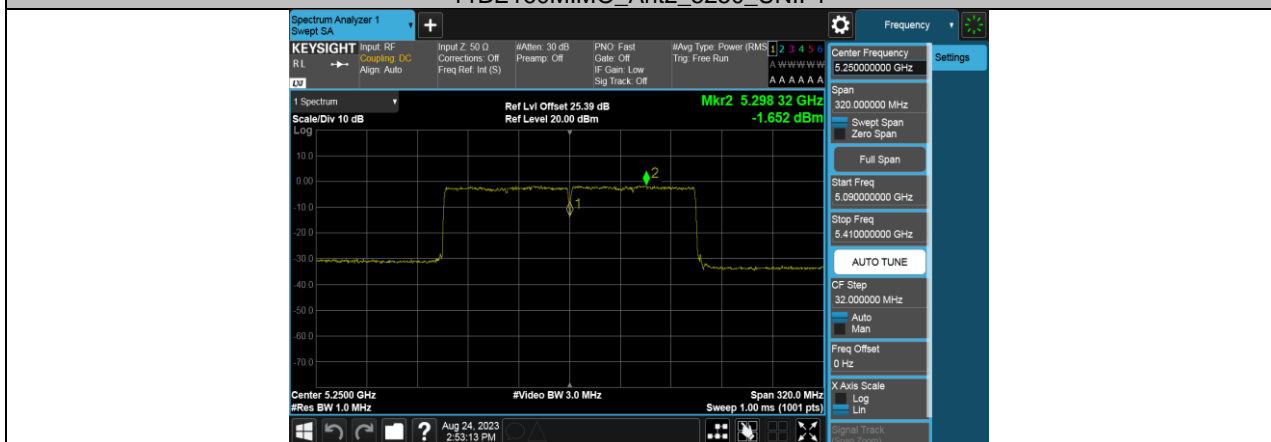
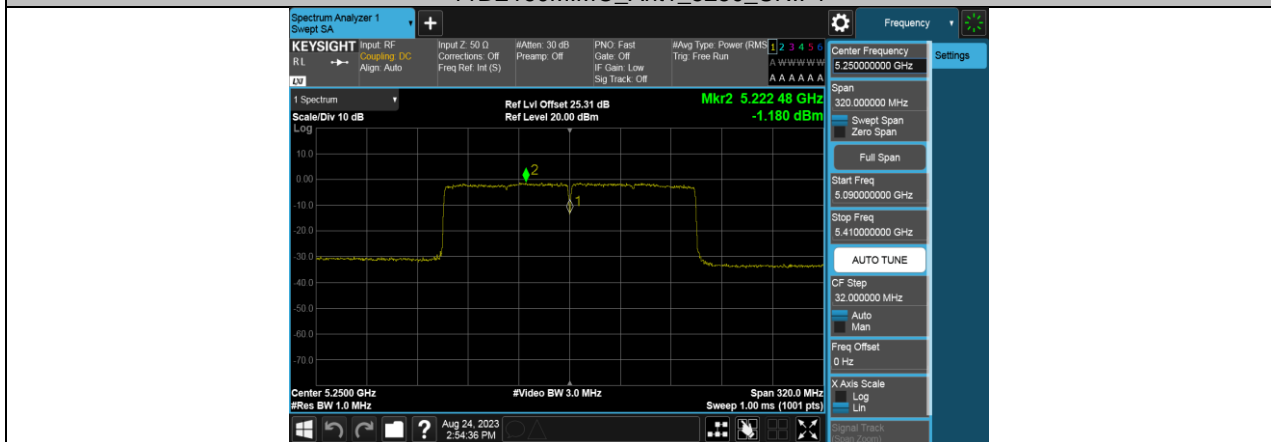
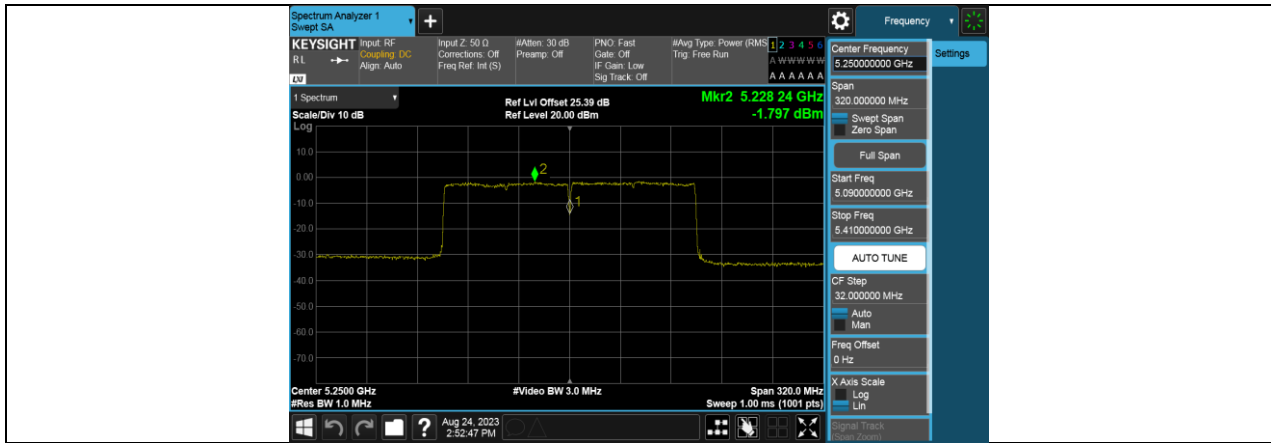
11BE80MIMO\_Ant2\_5690\_UNII-3

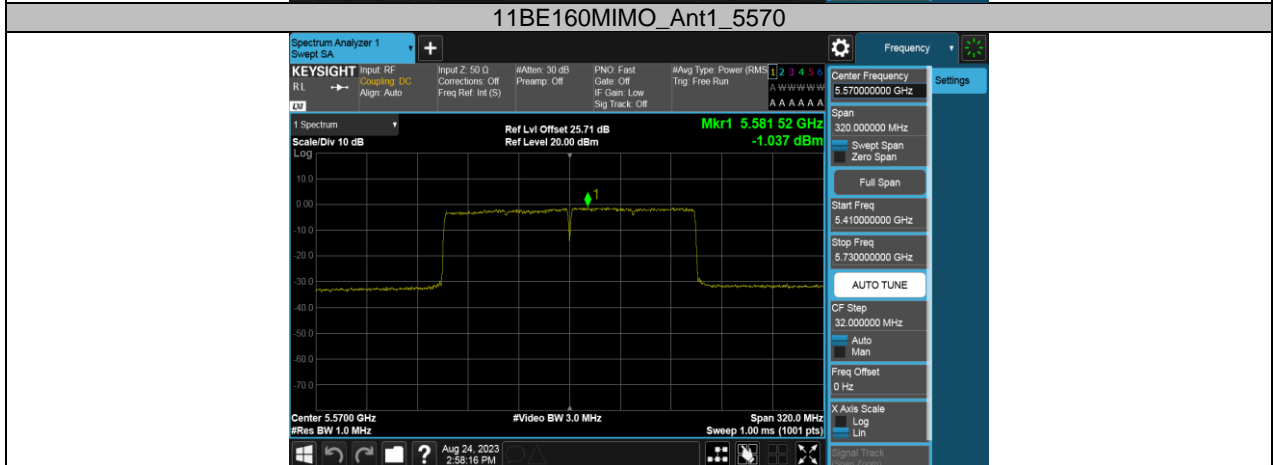
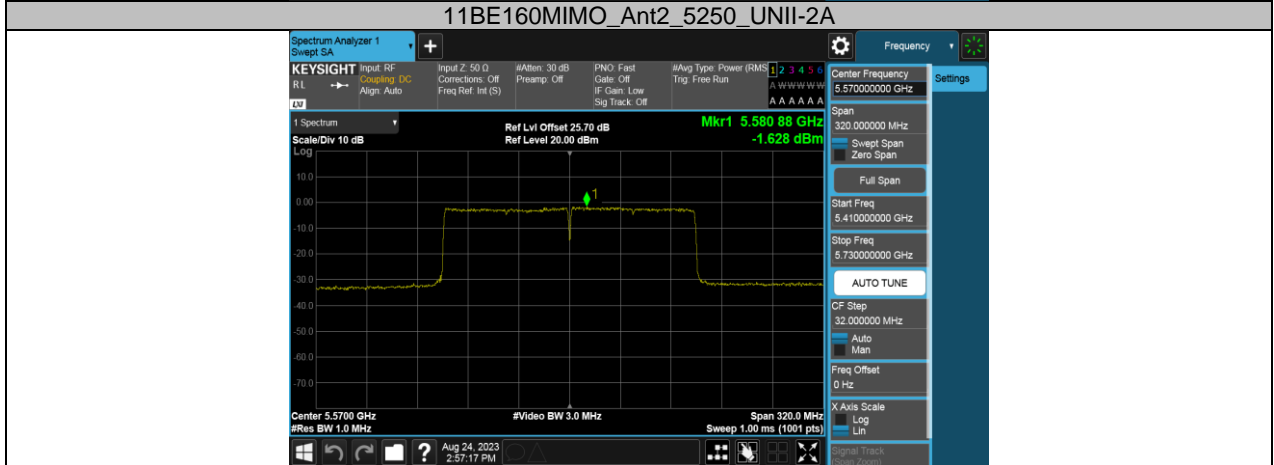
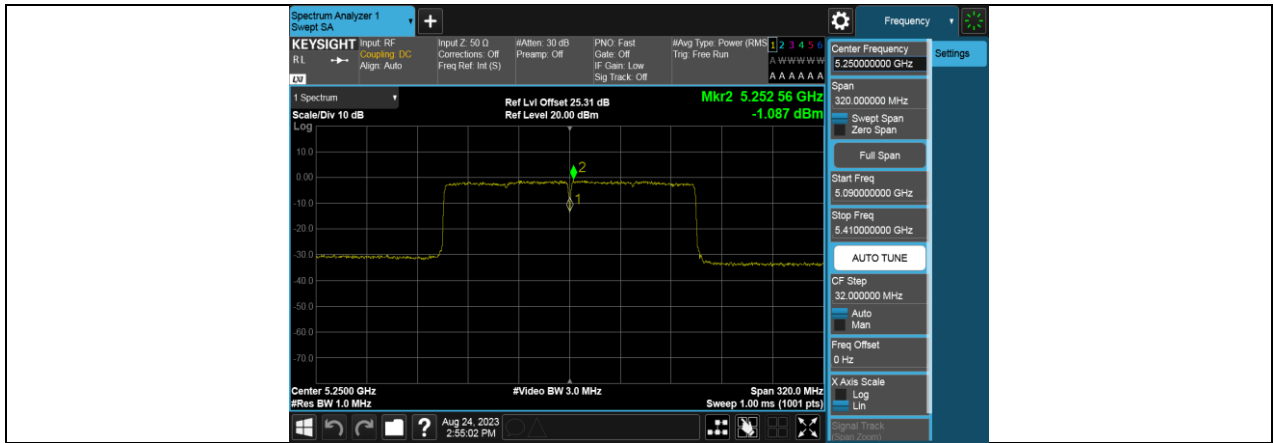


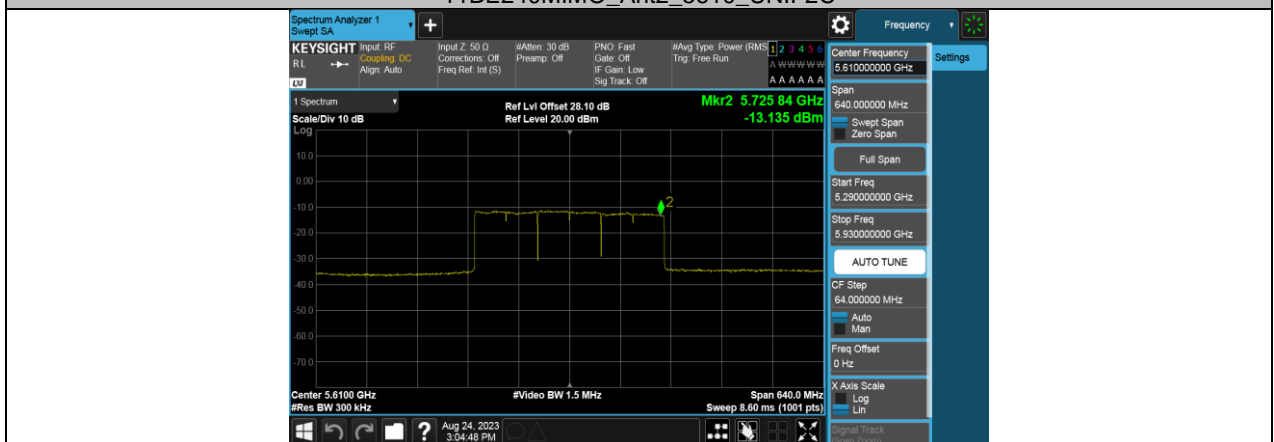
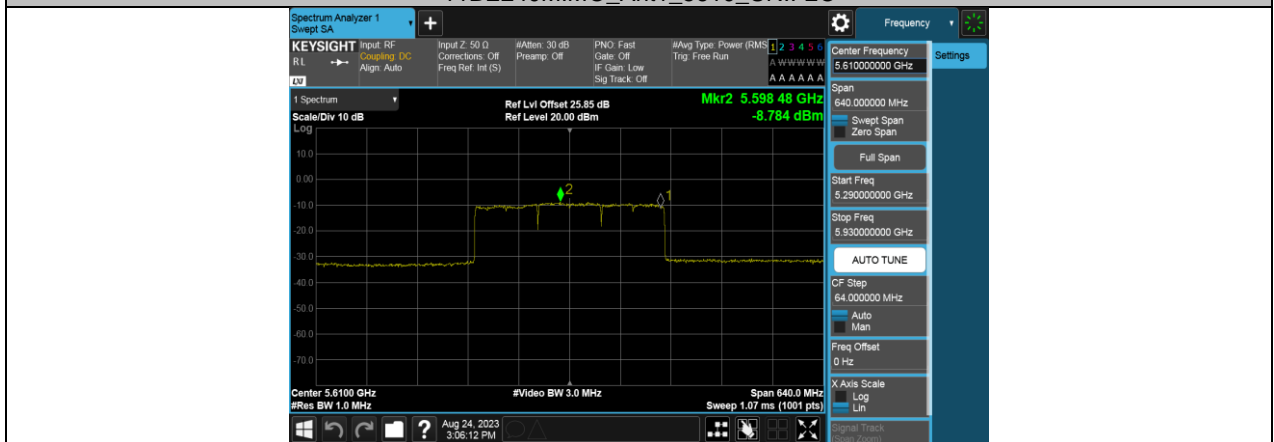
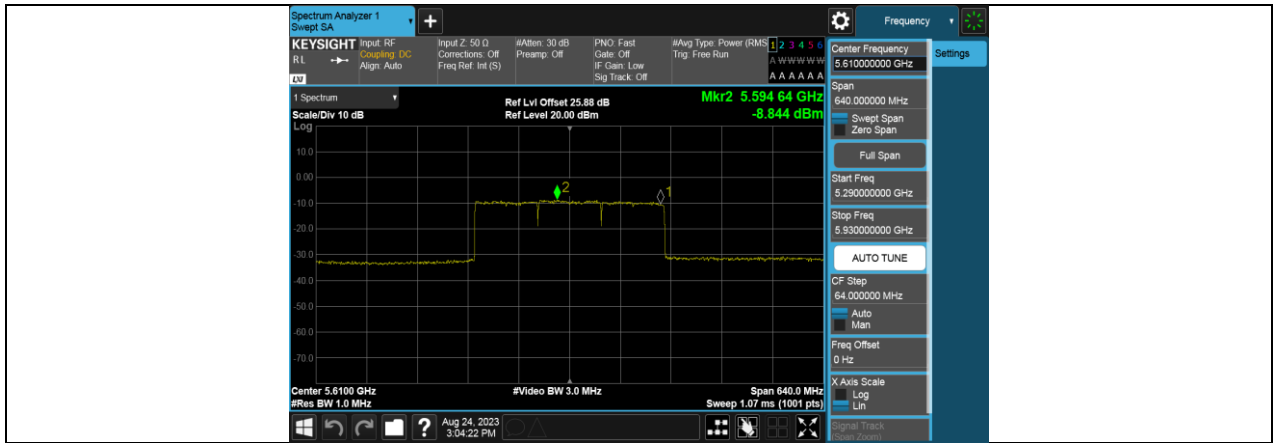
11BE80MIMO\_Ant1\_5775

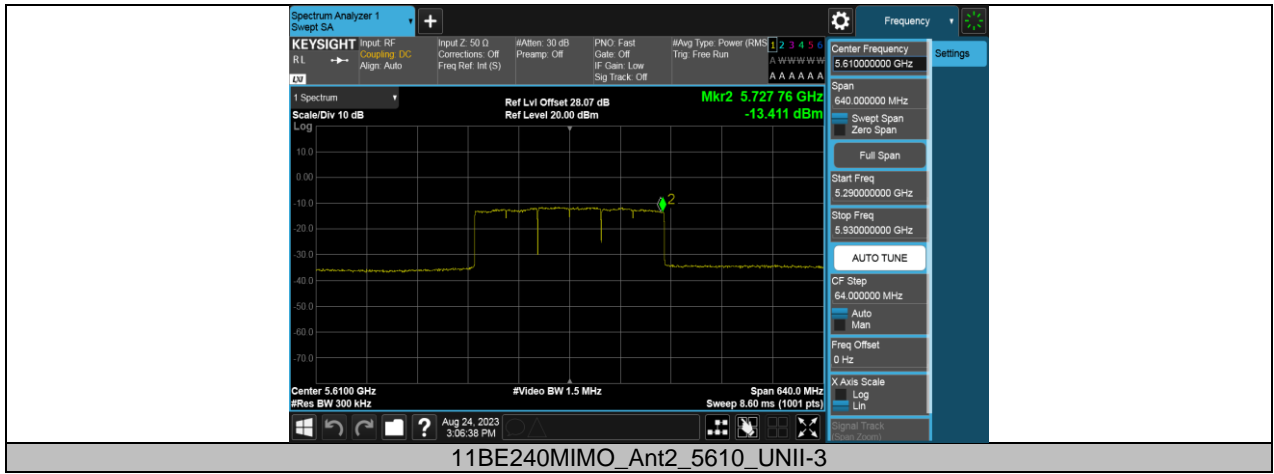


11BE80MIMO\_Ant2\_5775









## 11.6. APPENDIX F: FREQUENCY STABILITY

### 11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a: 5200 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	5200.0214	4.11	5200.0110	2.11	5200.0101	1.93	5199.9849	-2.91
TN	VN	5200.0134	2.58	5200.0119	2.30	5200.0209	4.03	5200.0044	0.84
TN	VH	5200.0180	3.46	5200.0027	0.51	5200.0197	3.78	5199.9831	-3.25

Frequency Error vs. Temperature									
802.11a: 5200 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)
40	VN	5200.0058	1.11	5200.0025	0.48	5199.9751	-4.79	5199.9888	-2.15
30	VN	5199.9901	-1.91	5199.9822	-3.43	5200.0237	4.57	5199.9757	-4.68
20	VN	5200.0052	0.99	5199.9995	-0.10	5200.0068	1.30	5200.0088	1.70
10	VN	5200.0017	0.33	5200.0222	4.27	5200.0153	2.95	5200.0054	1.05
0	VN	5200.0128	2.46	5199.9934	-1.28	5200.0114	2.18	5200.0188	3.61

**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 10 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	3.02	3.09	0.9773	97.73	0.10	0.33	1
11AC20MIMO	2.81	2.89	0.9723	97.23	0.12	0.36	1
11AC40MIMO	1.37	1.45	0.9448	94.48	0.25	0.73	1
11AC80MIMO	1.89	2.01	0.9403	94.03	0.27	0.53	1
11AC160MIMO	1.89	2.07	0.9130	91.30	0.40	0.53	1
11BE20MIMO	2.53	2.62	0.9656	96.56	0.15	0.40	1
11BE40MIMO	3.77	3.88	0.9716	97.16	0.12	0.27	1
11BE80MIMO	3.82	3.90	0.9795	97.95	0.09	0.26	1
11BE160MIMO	3.89	3.98	0.9774	97.74	0.10	0.26	1
11BE240MIMO	3.99	4.17	0.9568	95.68	0.19	0.25	1

Note:

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

Where: x is Duty Cycle (Linear)

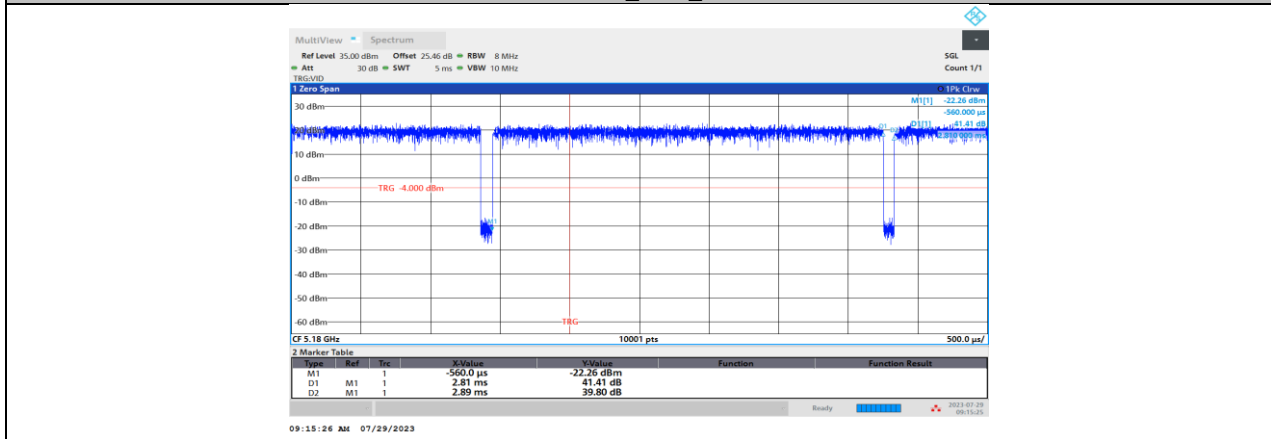
Where: T is On Time

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

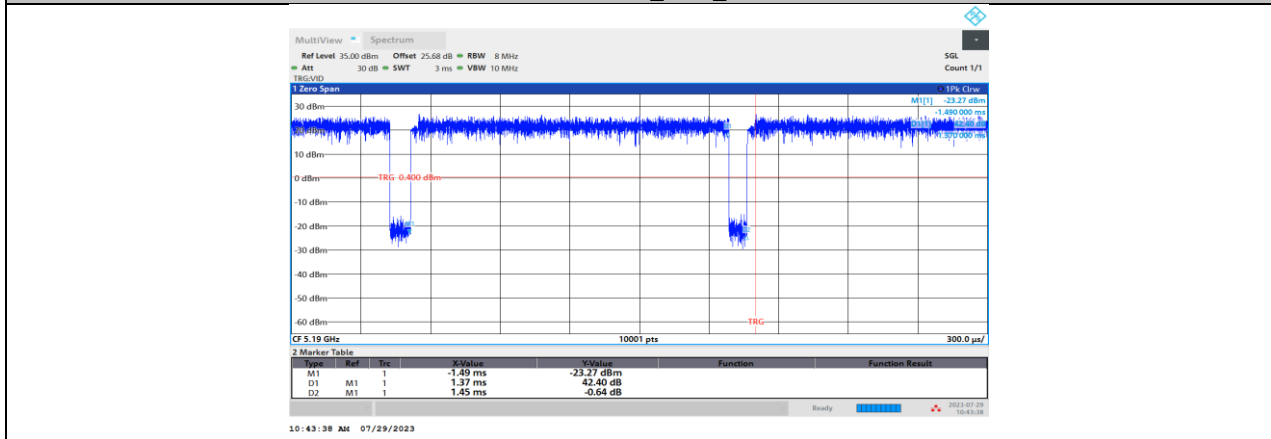
### 11.7.2. Test Graphs



11A-CDD\_Ant1\_5180

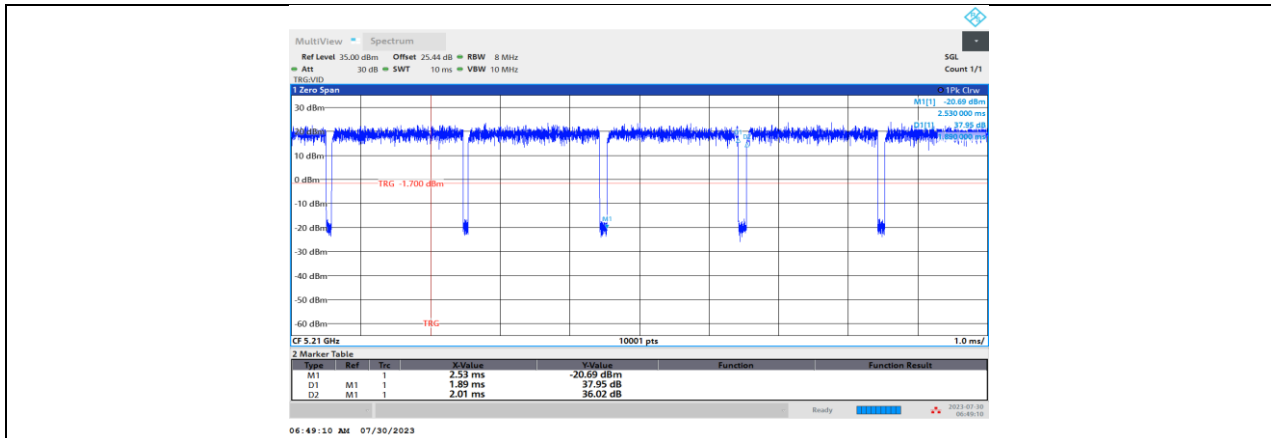


11AC20MIMO\_Ant1\_5180

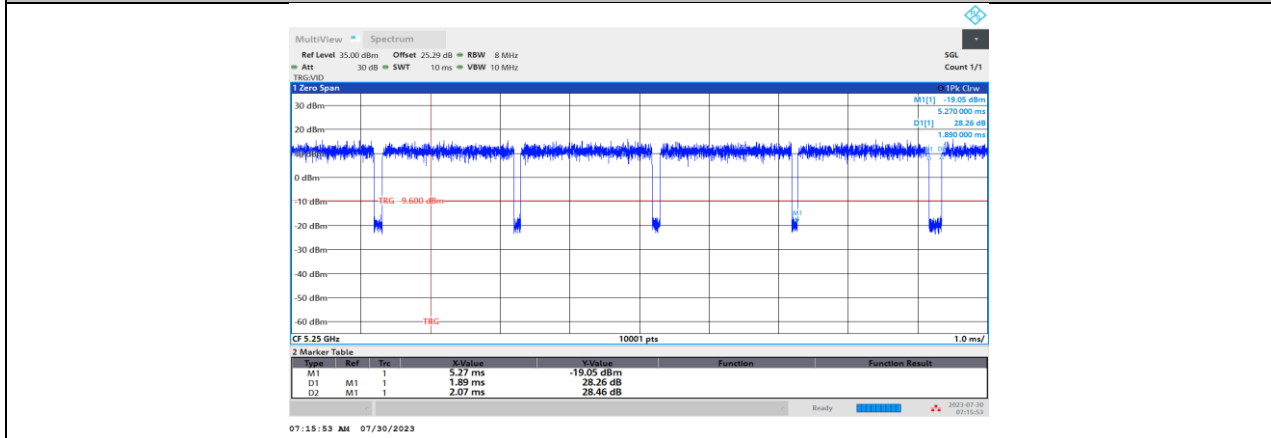


11AC40MIMO\_Ant1\_5190

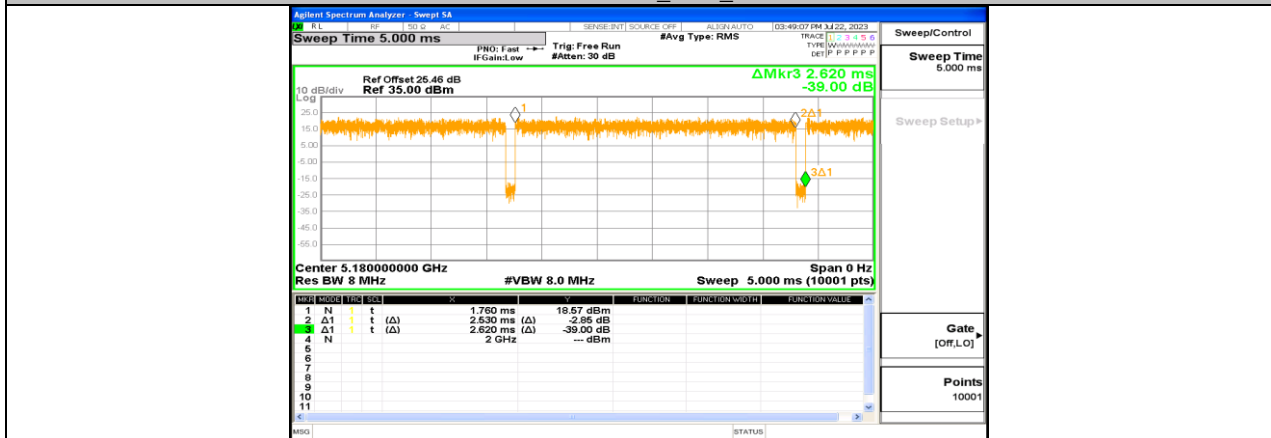




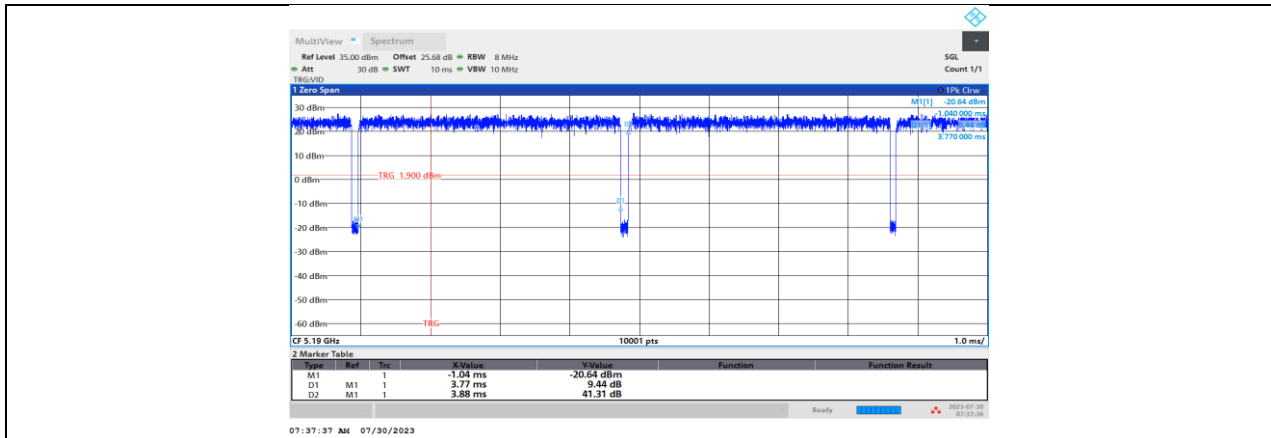
11AC80MIMO\_Ant1\_5210



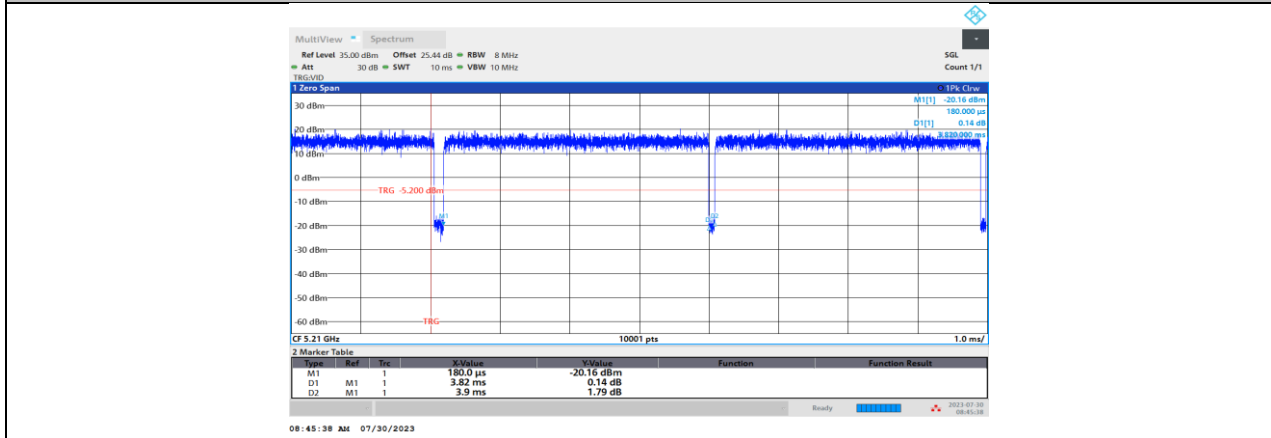
11AC160MIMO\_Ant1\_5250



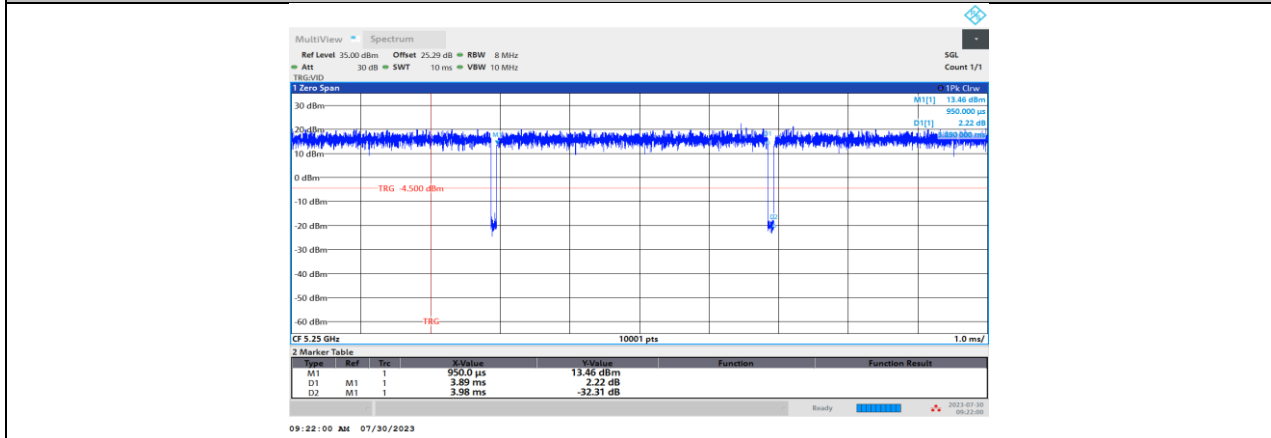
11BE20MIMO\_Ant1\_5180



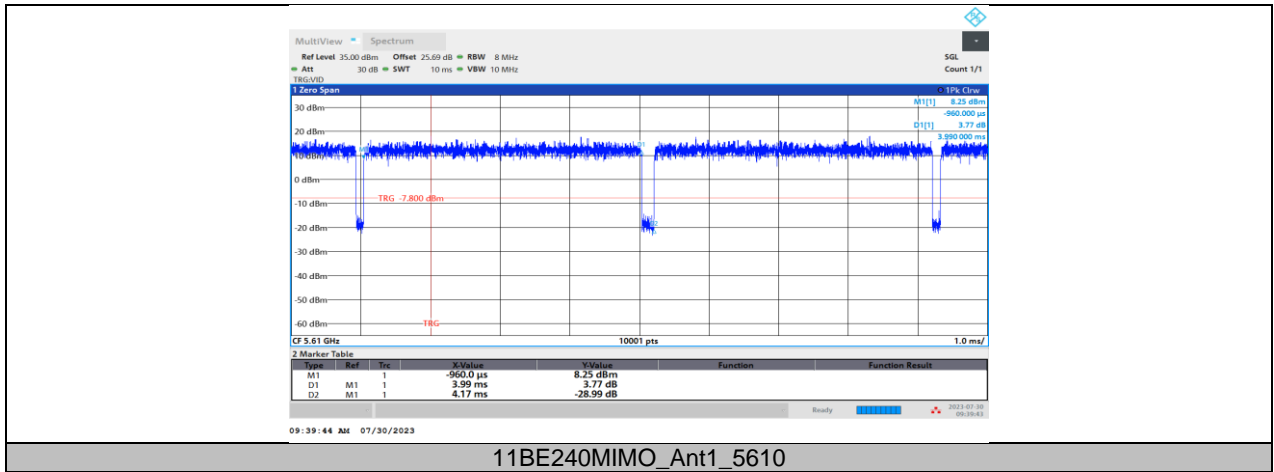
11BE40MIMO\_Ant1\_5190



11BE80MIMO\_Ant1\_5210



11BE160MIMO\_Ant1\_5250



**END OF REPORT**