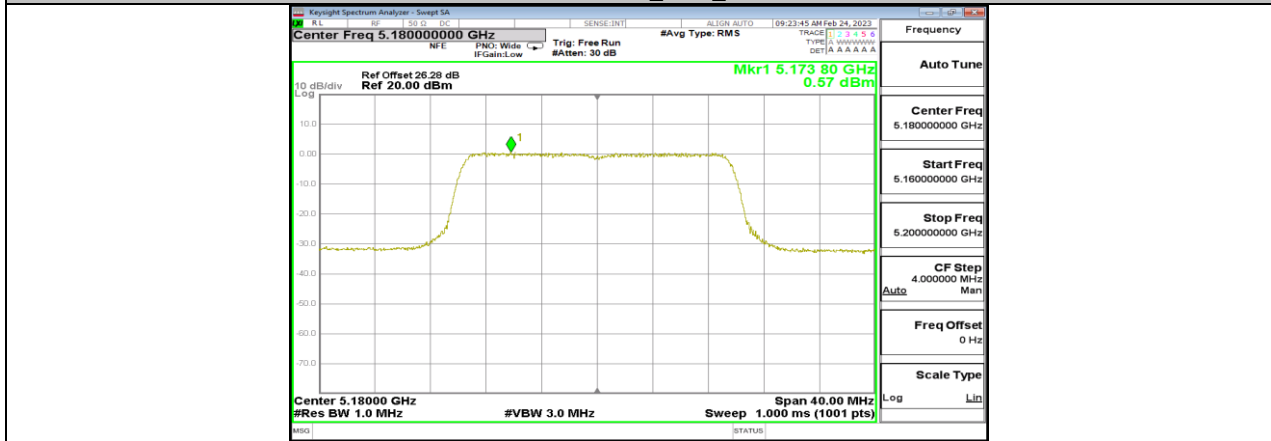
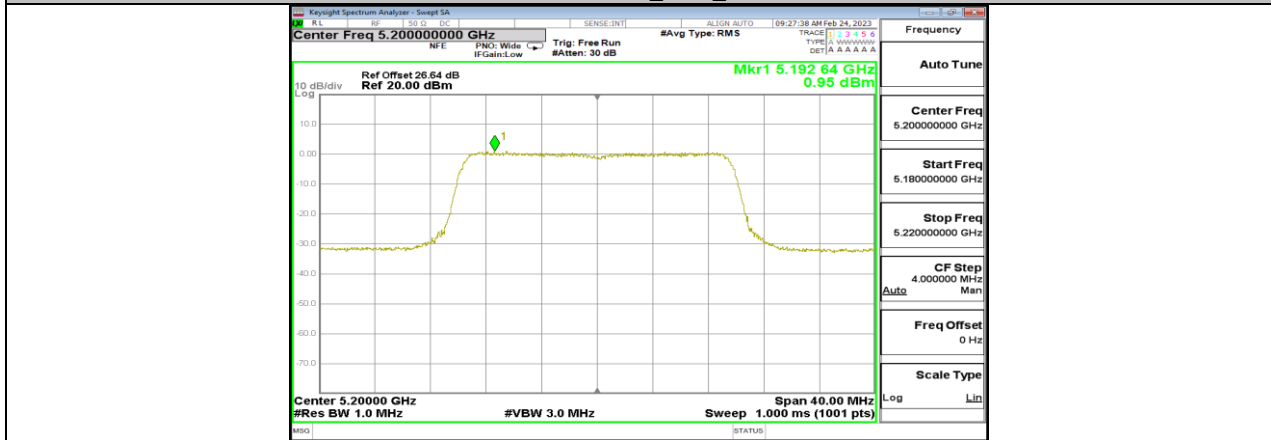


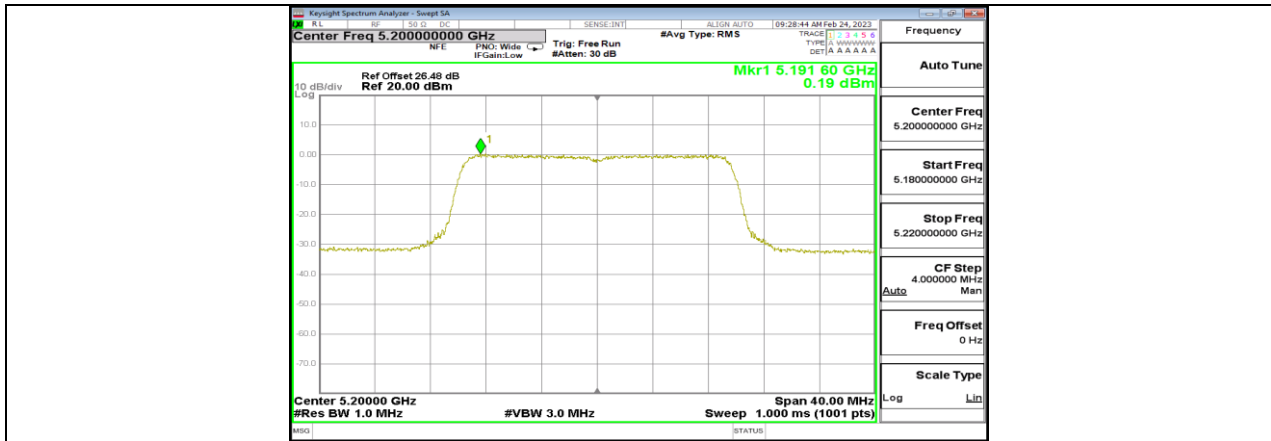
11AX20MIMO\_Ant1\_5180



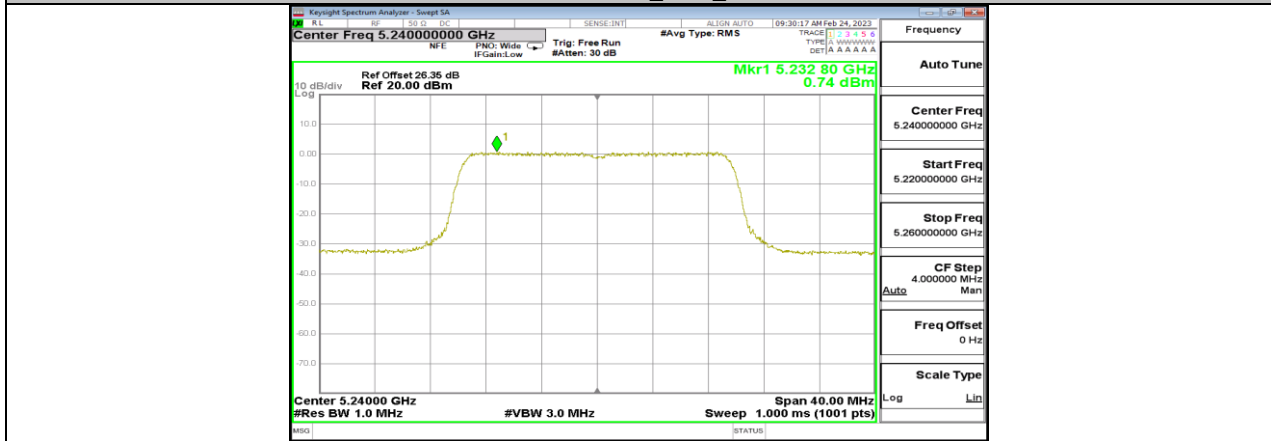
11AX20MIMO\_Ant3\_5180



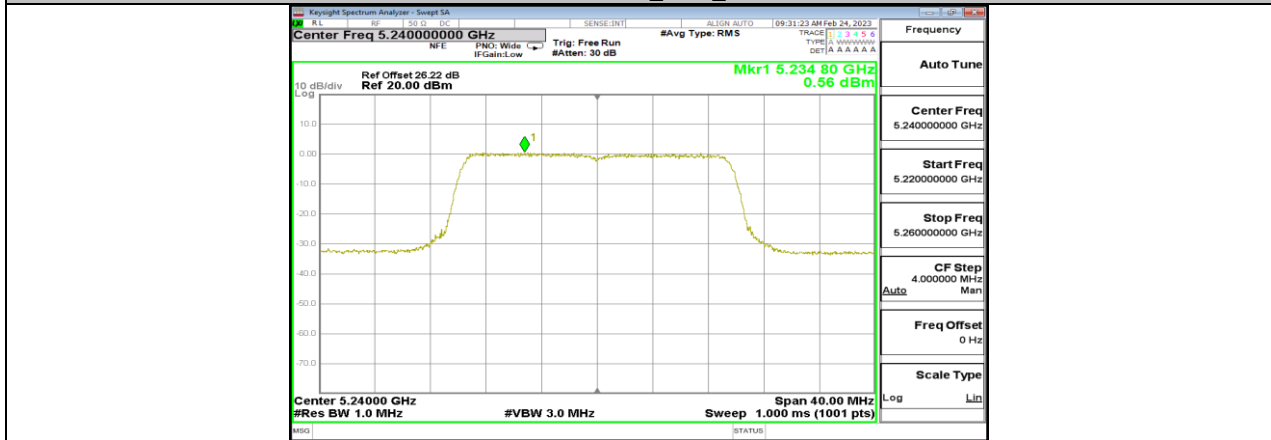
11AX20MIMO\_Ant1\_5200



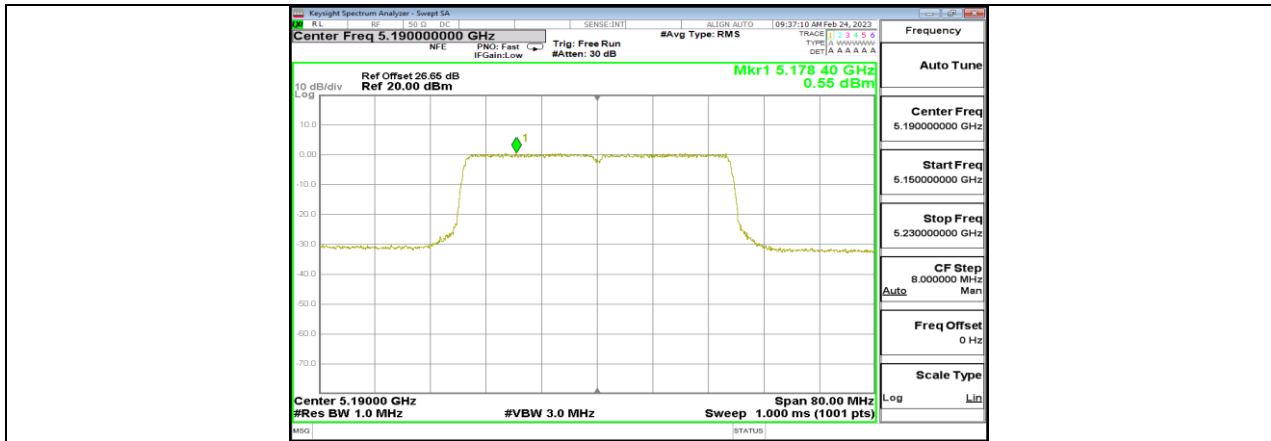
11AX20MIMO\_Ant3\_5200



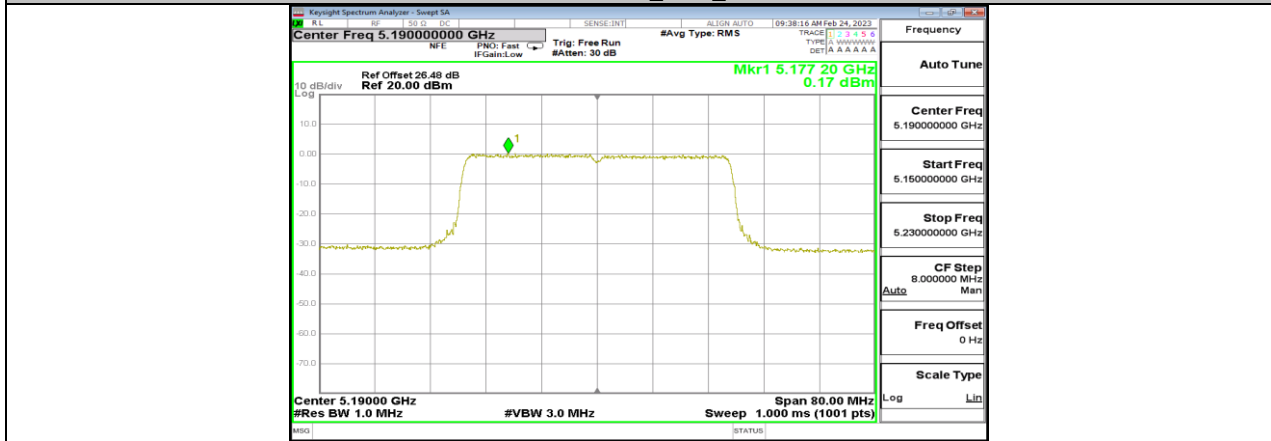
11AX20MIMO\_Ant1\_5240



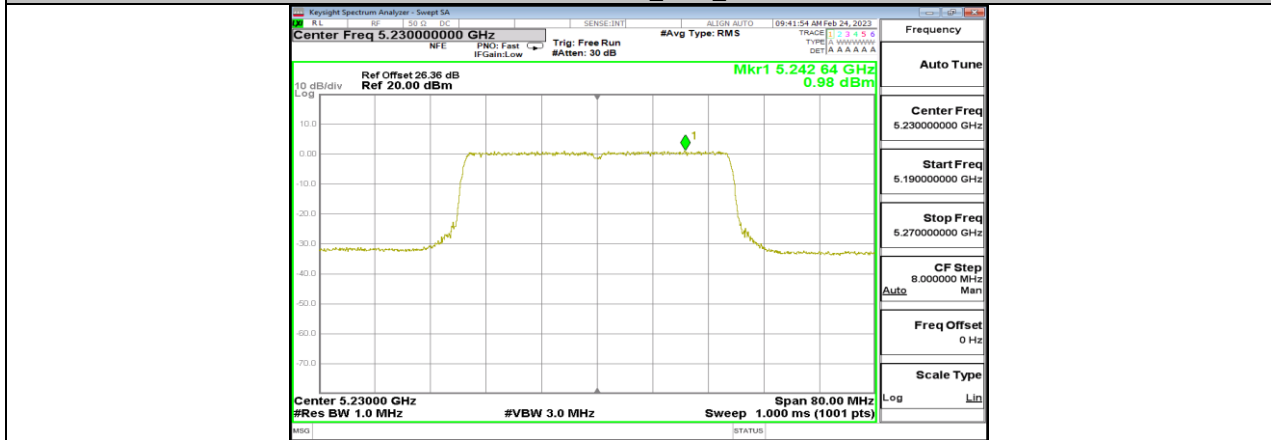
11AX20MIMO\_Ant3\_5240



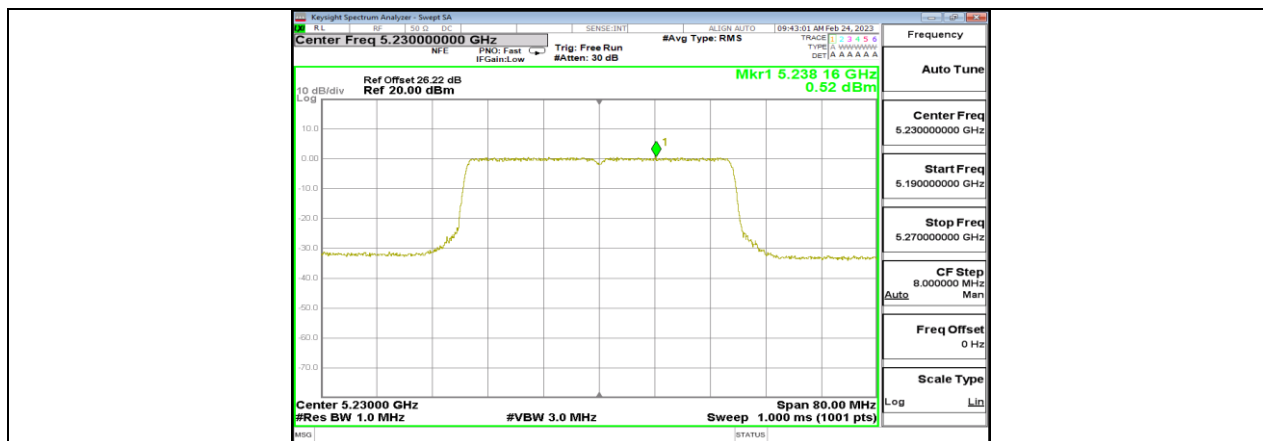
11AX40MIMO\_Ant1\_5190



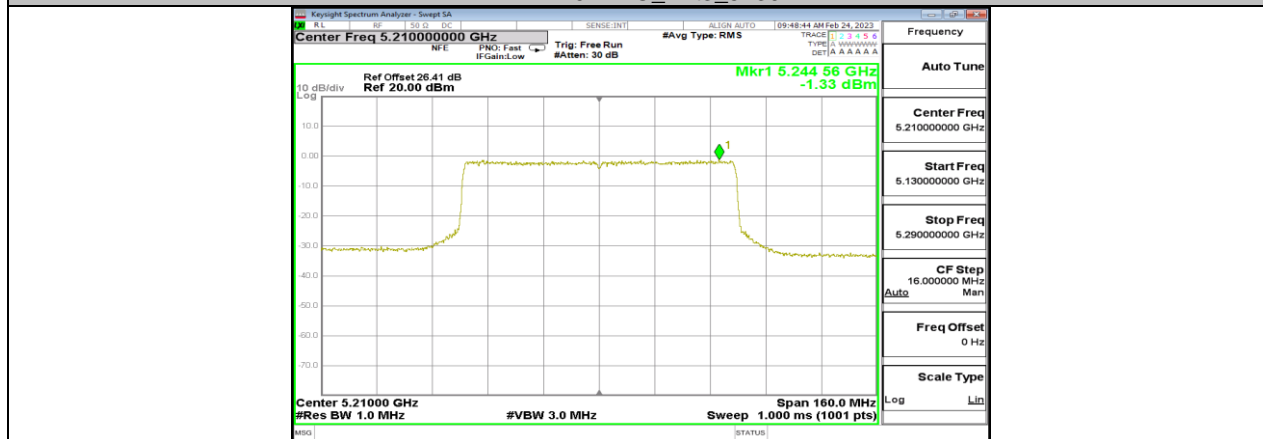
11AX40MIMO\_Ant3\_5190



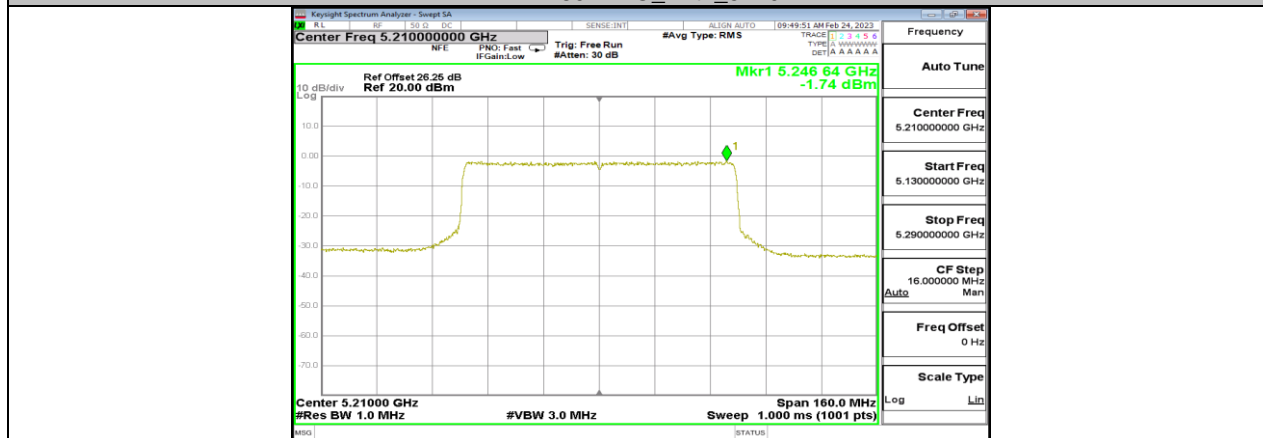
11AX40MIMO\_Ant1\_5230



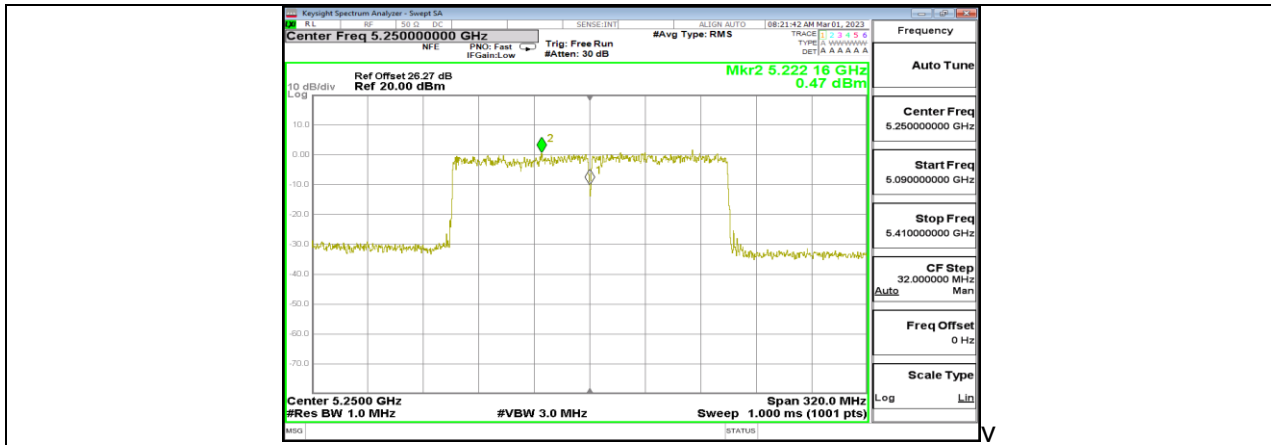
11AX40MIMO\_Ant3\_5230



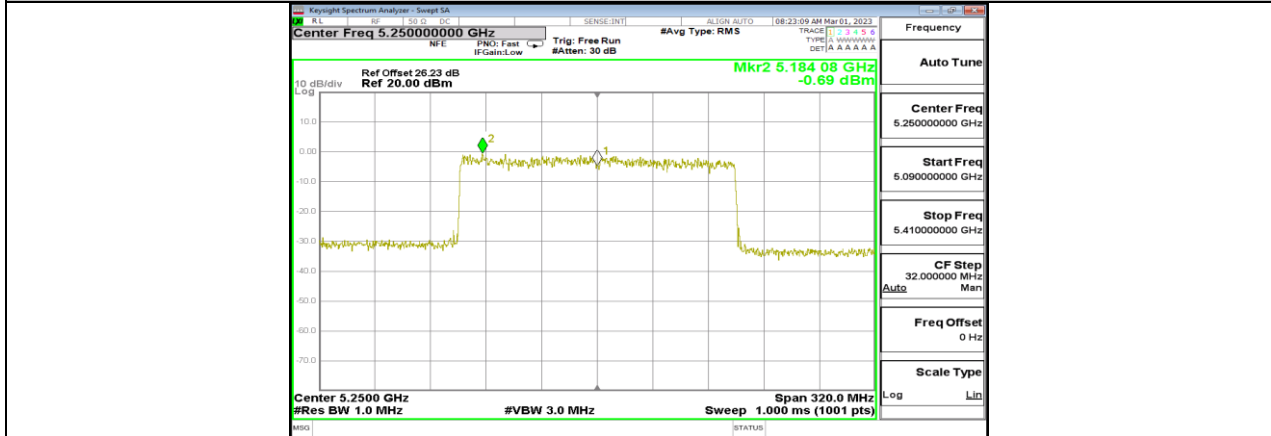
11AX80MIMO\_Ant1\_5210



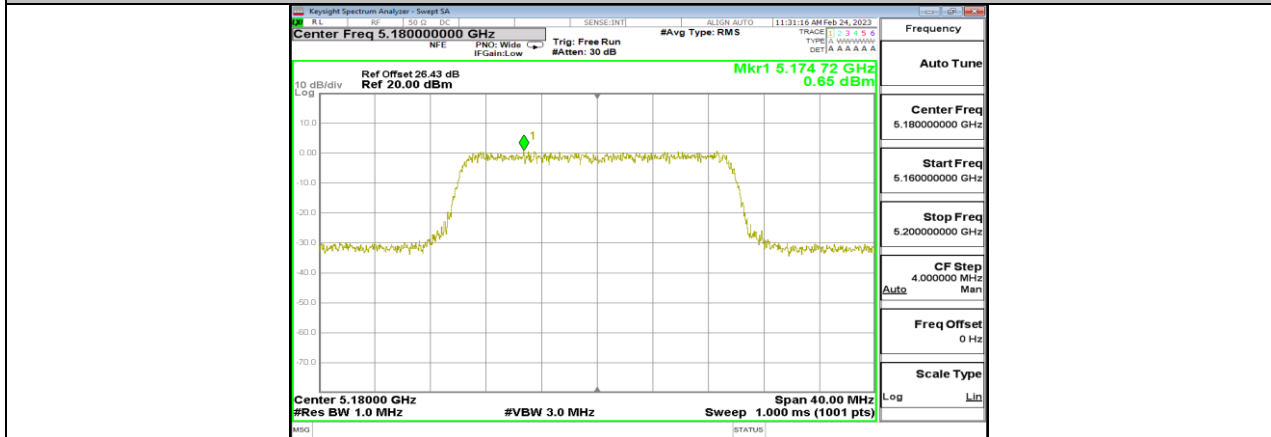
11AX80MIMO\_Ant3\_5210



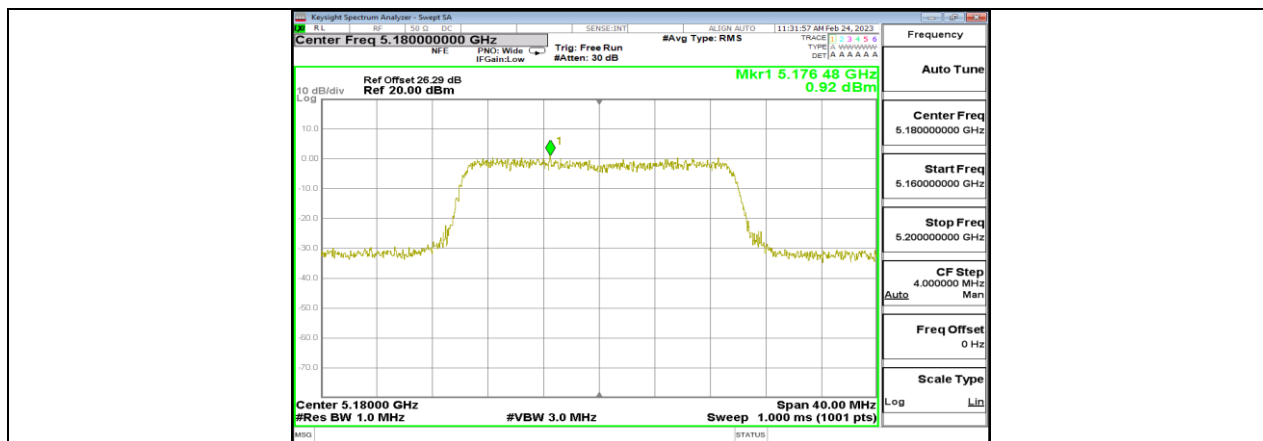
11AX160MIMO\_Ant1\_5250\_UNII-1



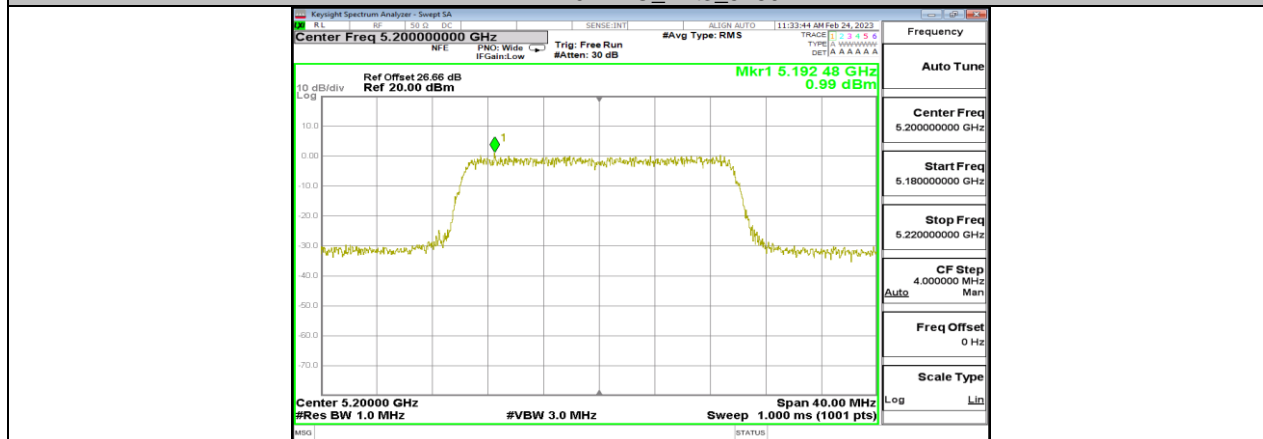
11AX160MIMO\_Ant3\_5250\_UNII-1



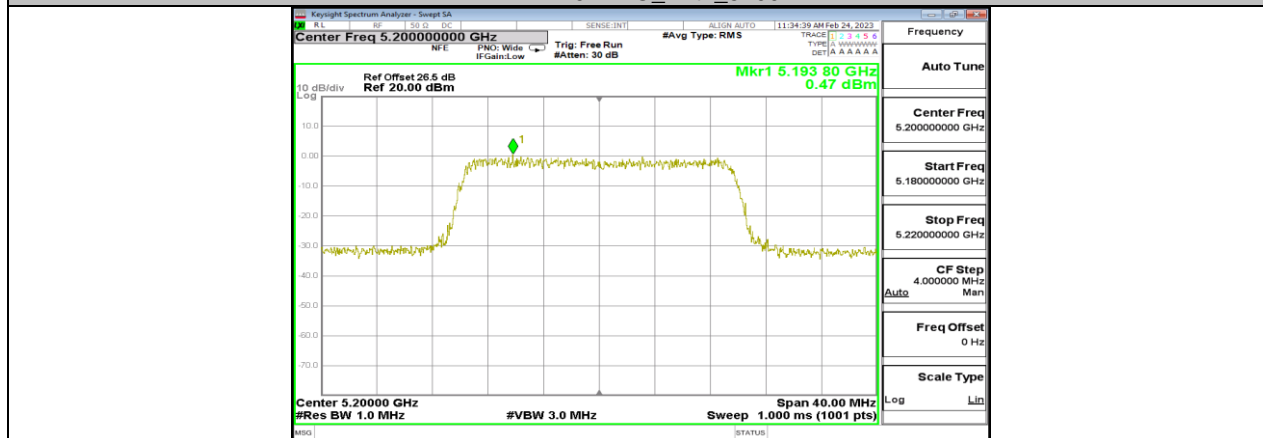
11BE20MIMO\_Ant1\_5180



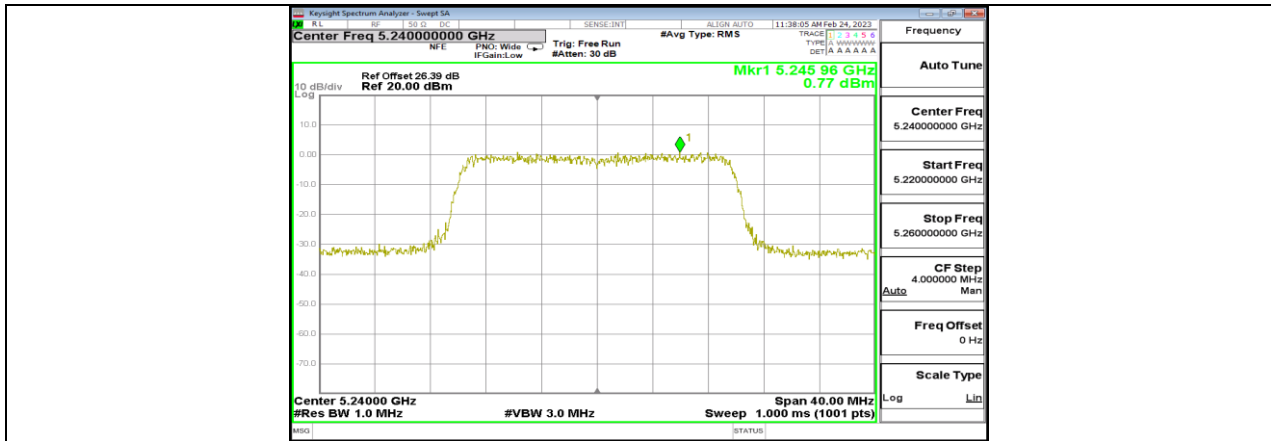
11BE20MIMO\_Ant3\_5180



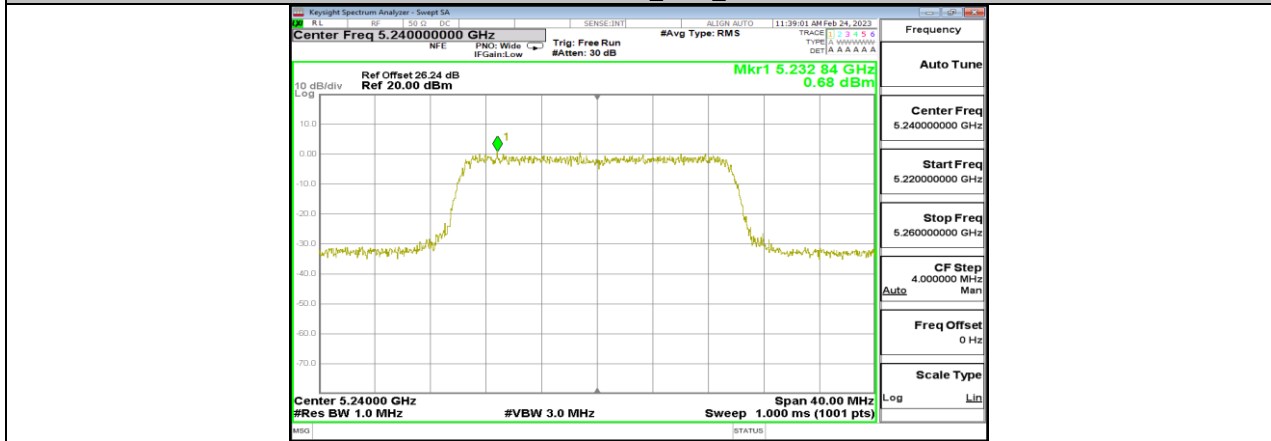
11BE20MIMO\_Ant1\_5200



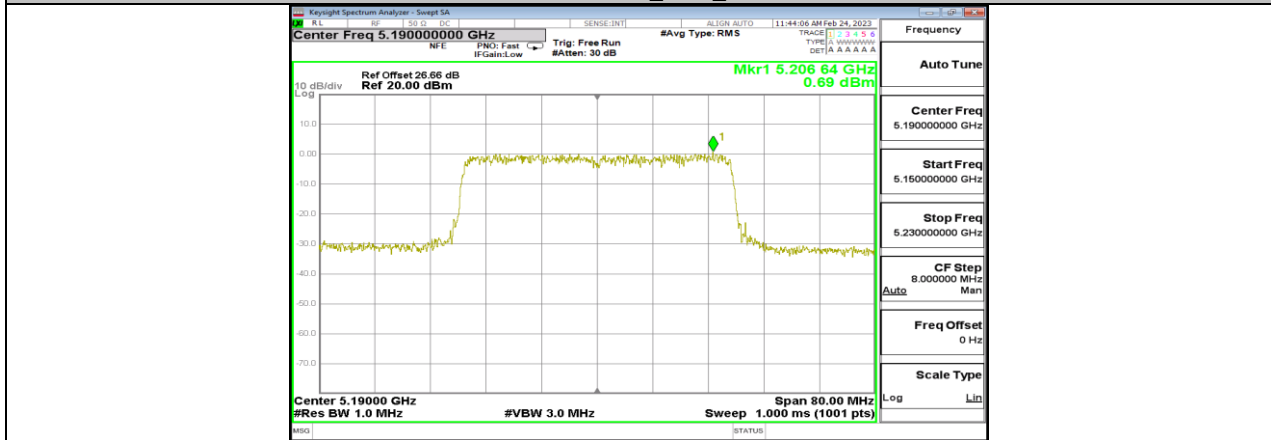
11BE20MIMO\_Ant3\_5200



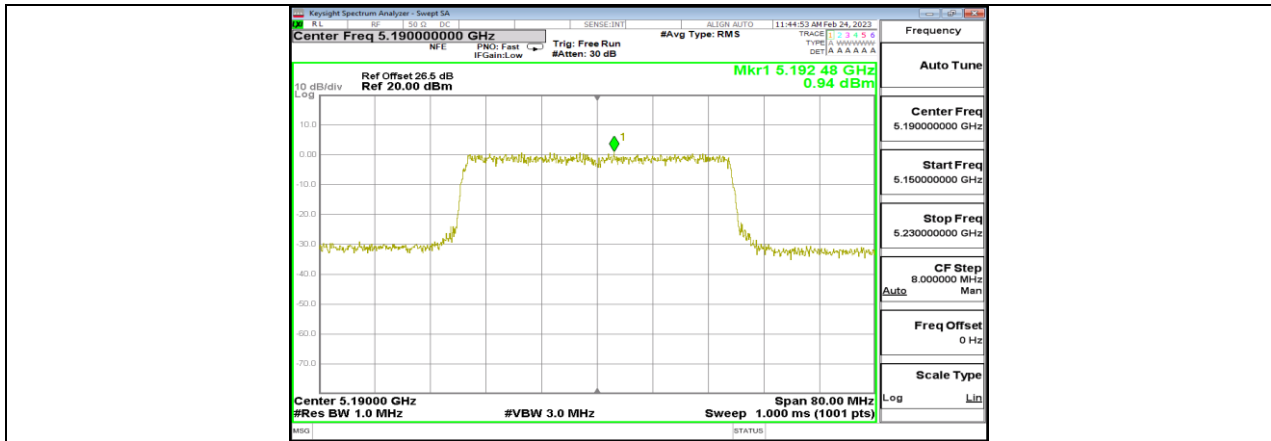
11BE20MIMO\_Ant1\_5240



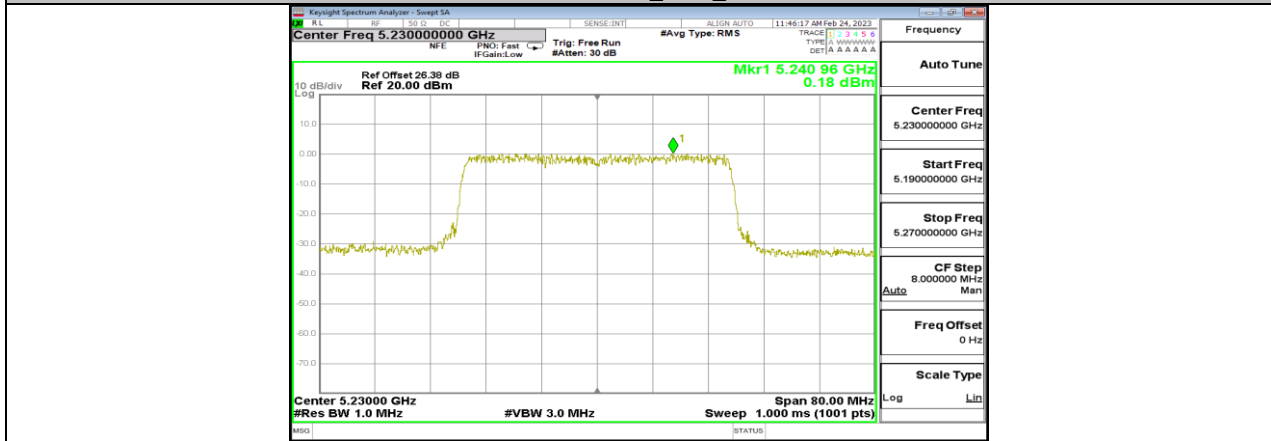
11BE20MIMO\_Ant3\_5240



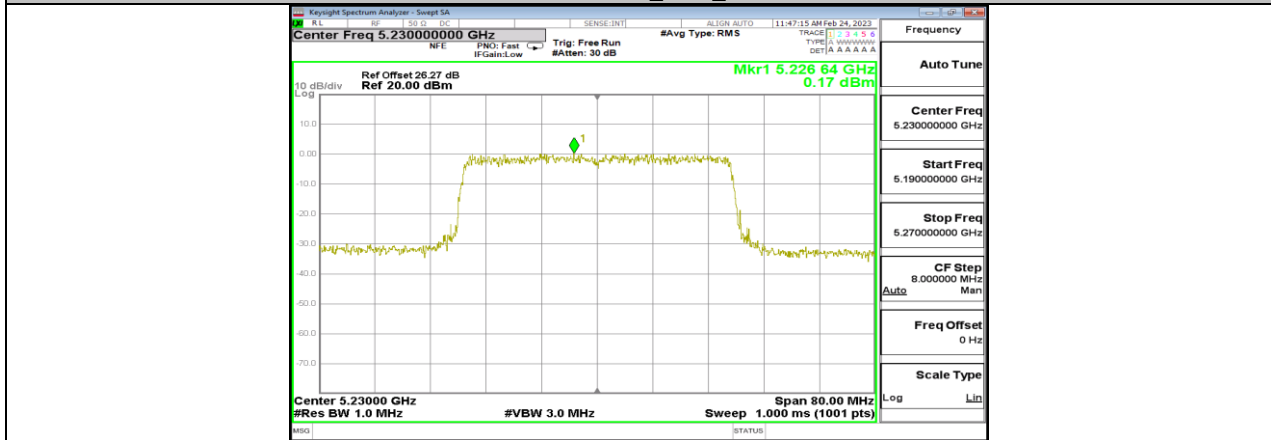
11BE40MIMO\_Ant1\_5190



11BE40MIMO\_Ant3\_5190

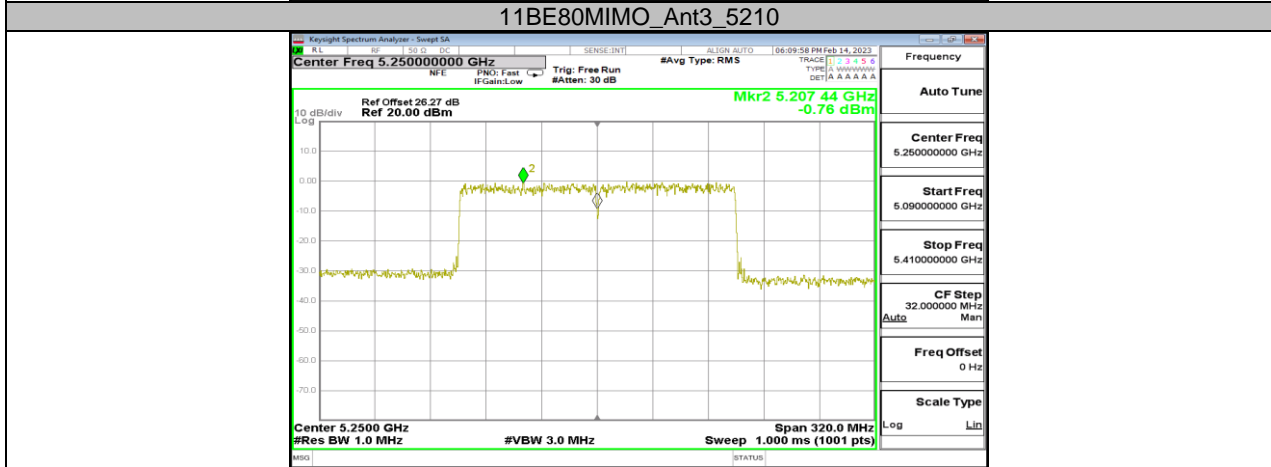
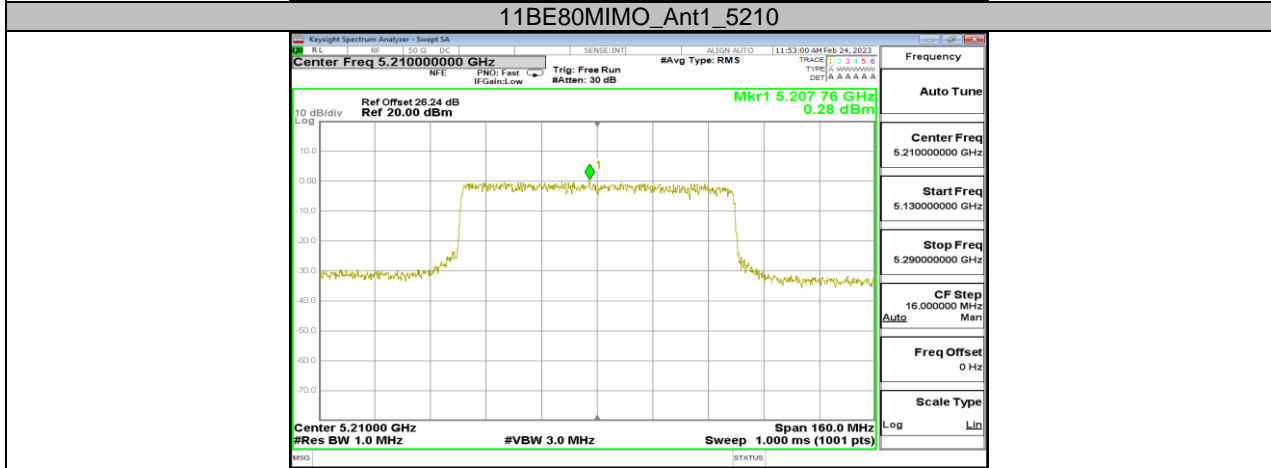
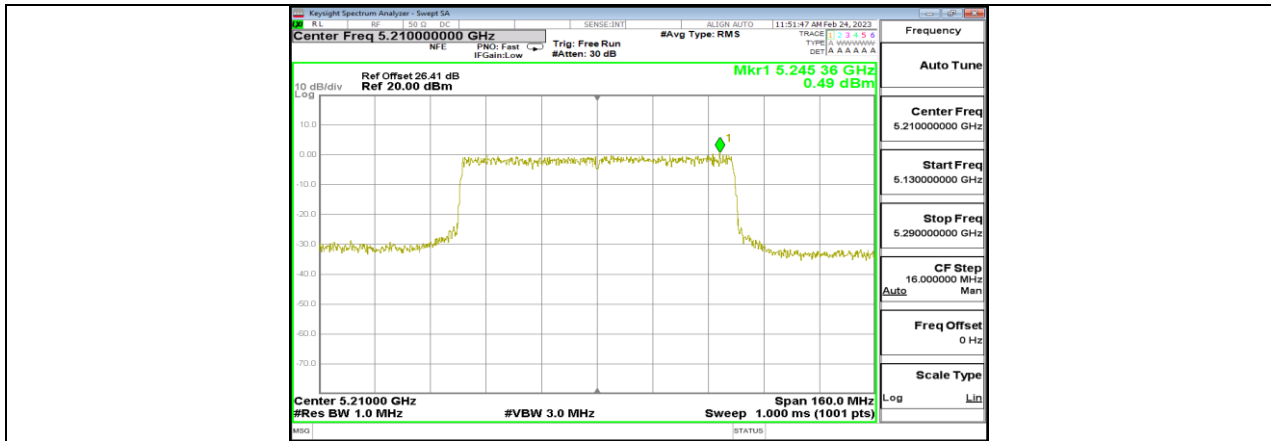


11BE40MIMO\_Ant1\_5230

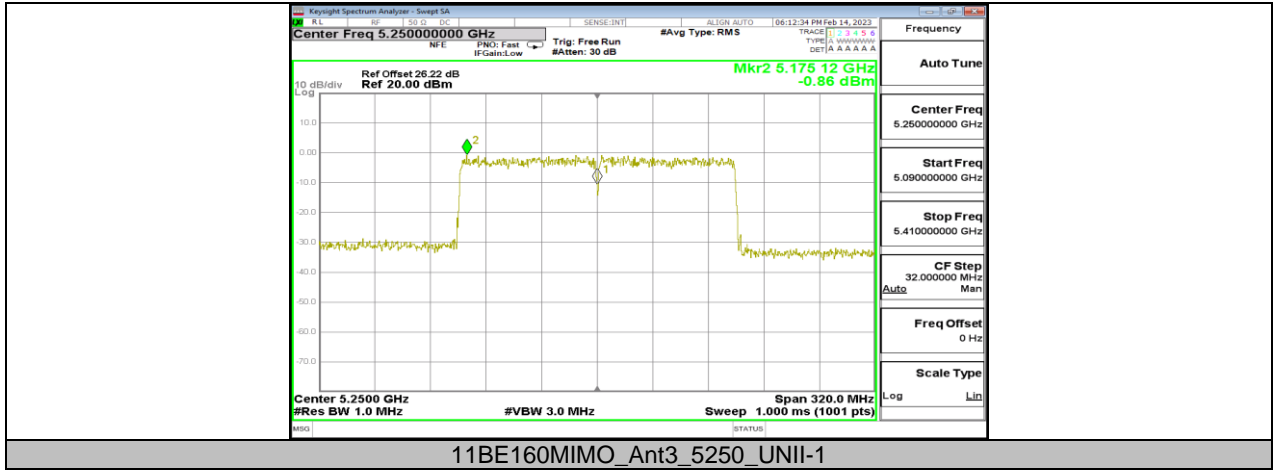


11BE40MIMO\_Ant3\_5230





11BE160MIMO\_Ant1\_5250\_UNII-1





## 11.6. APPENDIX F: DUTY CYCLE

### 11.6.1. 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	2.10	2.25	0.9333	93.33	0.30	0.48	0.5
11AX20MIMO	5.45	6.80	0.8015	80.15	0.96	0.18	0.5
11AX40MIMO	5.45	6.81	0.8003	80.03	0.97	0.18	0.5
11AX80MIMO	5.45	6.82	0.7991	79.91	0.97	0.18	0.5
11AX160MIMO	5.45	6.83	0.7980	79.80	0.98	0.18	0.5
11BE20MIMO	5.45	6.81	0.8003	80.03	0.97	0.18	0.5
11BE40MIMO	5.44	6.82	0.7977	79.77	0.98	0.18	0.5
11BE80MIMO	5.45	6.81	0.8003	80.03	0.97	0.18	0.5
11BE160MIMO	5.44	6.82	0.7977	79.77	0.98	0.18	0.5
11BE240MIMO	4.00	4.08	0.9804	98.04	0.09	0.25	0.5

Note:

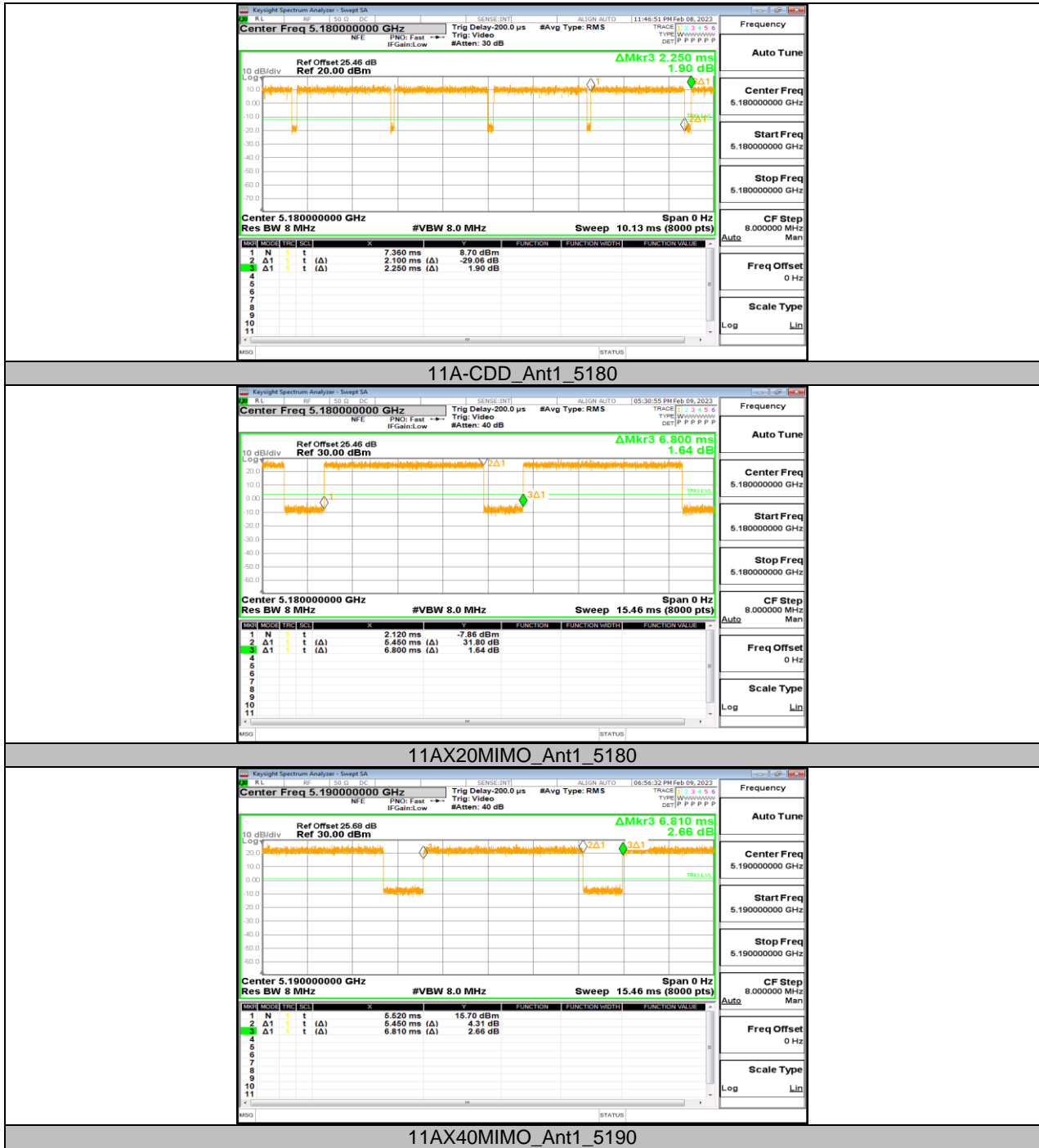
Duty Cycle Correction Factor=10log (1/x).

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.

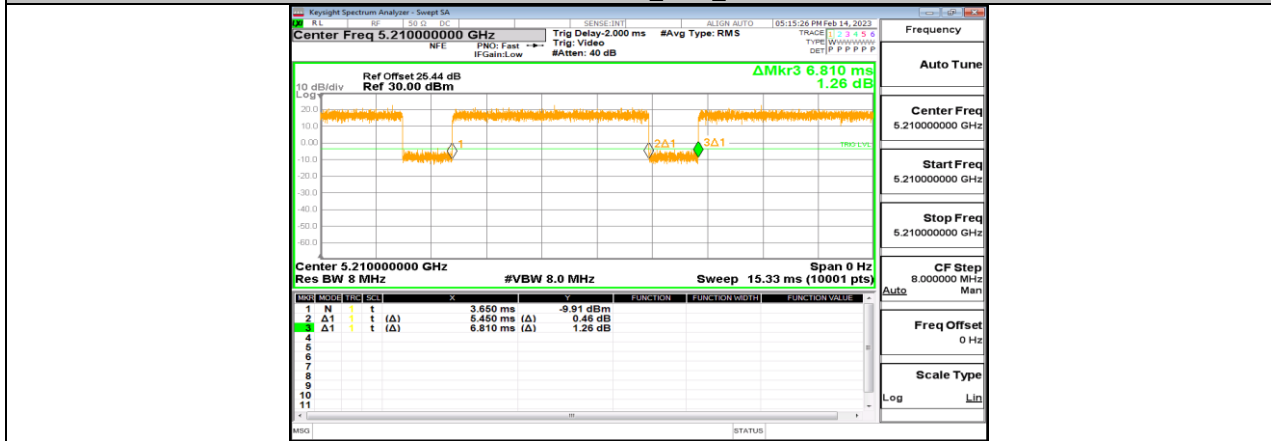
### 11.6.2. Test Graphs







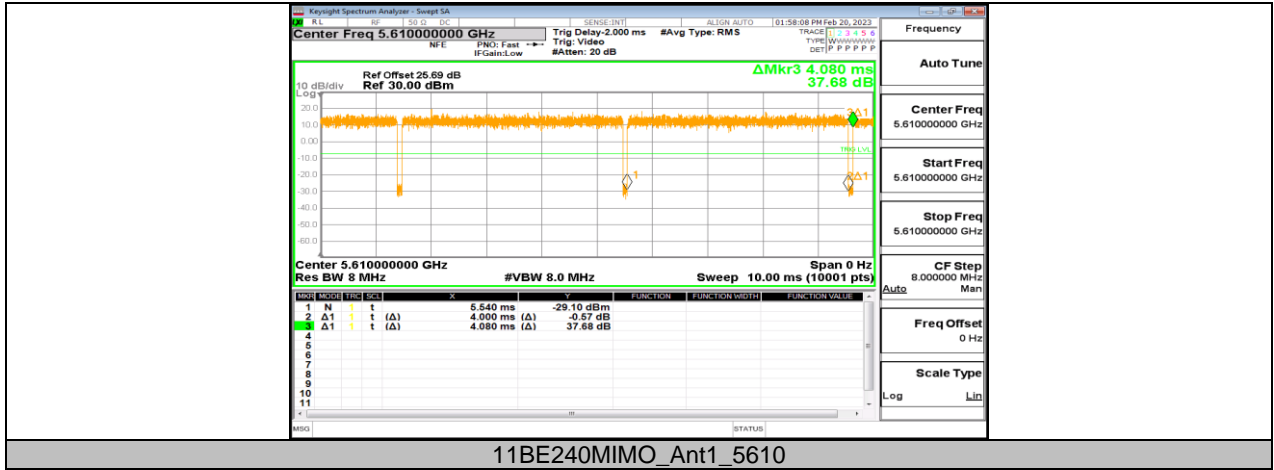
11BE40MIMO\_Ant1\_5190



11BE80MIMO\_Ant1\_5210



11BE160MIMO\_Ant1\_5250



11BE240MIMO\_Ant1\_5610

**11.7. APPENDIX G: FREQUENCY STABILITY****11.7.1. 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	5200.0246	4.72	5199.9940	-1.16	5199.9784	-4.16	5199.9814	-3.58
TN	VN	5199.9859	-2.71	5200.0003	0.06	5200.0209	4.01	5200.0211	4.05
TN	VH	5200.0181	3.48	5200.0082	1.58	5200.0006	0.11	5199.9825	-3.37
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	5199.9808	-3.68	5199.9969	-0.59	5200.0202	3.88	5200.0250	4.80
30	VN	5199.9884	-2.23	5200.0083	1.59	5199.9898	-1.96	5200.0229	4.40
20	VN	5199.9940	-1.15	5199.9869	-2.52	5200.0124	2.39	5200.0049	0.94
10	VN	5200.0078	1.49	5200.0017	0.32	5200.0053	1.03	5200.0092	1.76
0	VN	5200.0014	0.27	5199.9794	-3.95	5199.9964	-0.70	5199.9766	-4.49

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.





Frequency Error vs. Voltage									
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)
TN	VL	5824.9752	-4.26	5825.0106	1.82	5824.9834	-2.86	5824.9971	-0.50
TN	VN	5825.0022	0.37	5825.0072	1.23	5824.9780	-3.78	5824.9755	-4.21
TN	VH	5824.9900	-1.72	5825.0141	2.41	5825.0045	0.77	5825.0048	0.83

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)
40	VN	5825.0078	1.34	5824.9904	-1.66	5825.0104	1.78	5825.0149	2.56
30	VN	5825.0176	3.02	5825.0058	0.99	5824.9927	-1.25	5824.9917	-1.42
20	VN	5824.9808	-3.30	5825.0141	2.42	5824.9993	-0.13	5824.9947	-0.91
10	VN	5825.0031	0.53	5825.0038	0.65	5824.9909	-1.56	5825.0028	0.49
0	VN	5824.9971	-0.49	5825.0016	0.27	5825.0146	2.51	5824.9855	-2.49

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.

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**END OF REPORT**