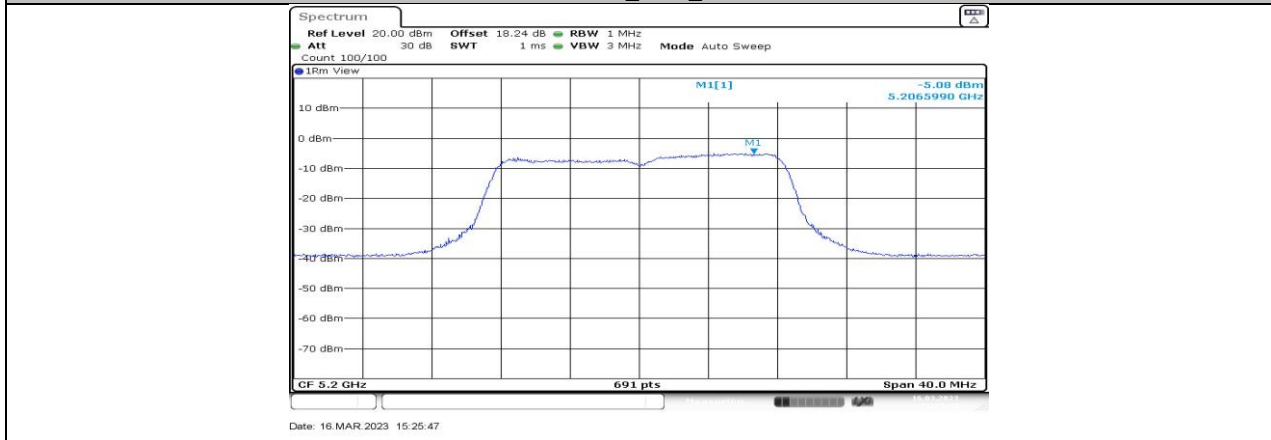


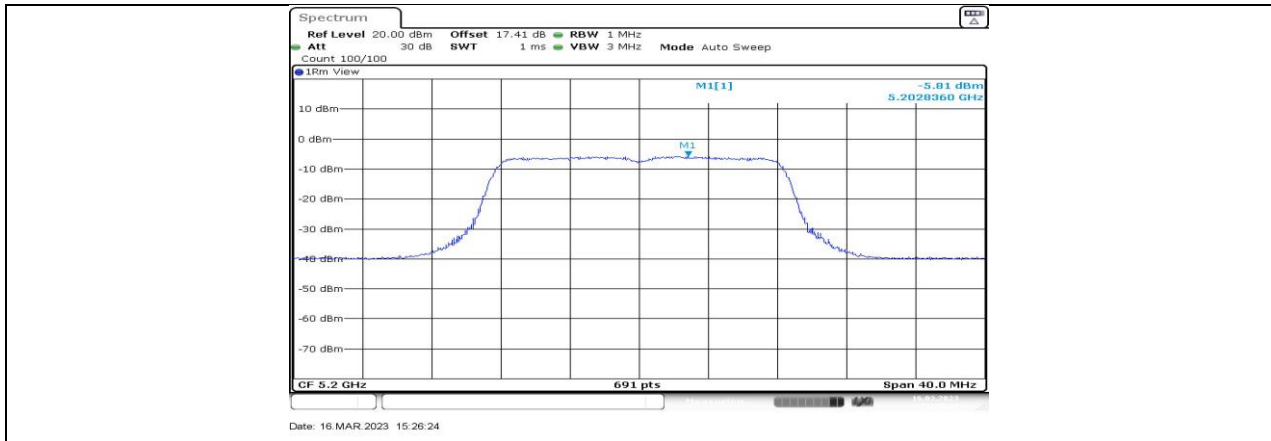
11A-CDD_Ant7_5180



11A-CDD_Ant1_5200



11A-CDD_Ant3_5200



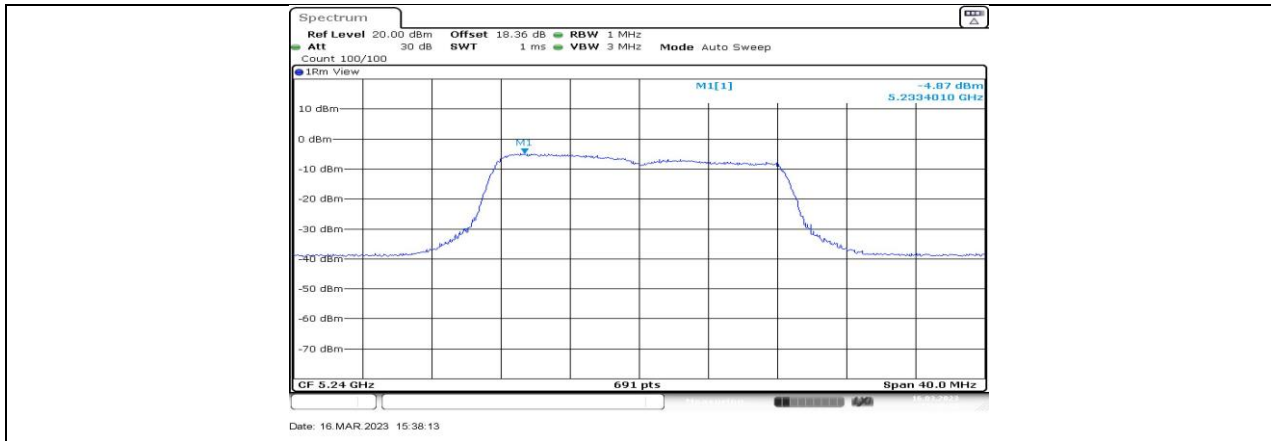
11A-CDD_Ant5_5200



11A-CDD_Ant7_5200



11A-CDD_Ant1_5240



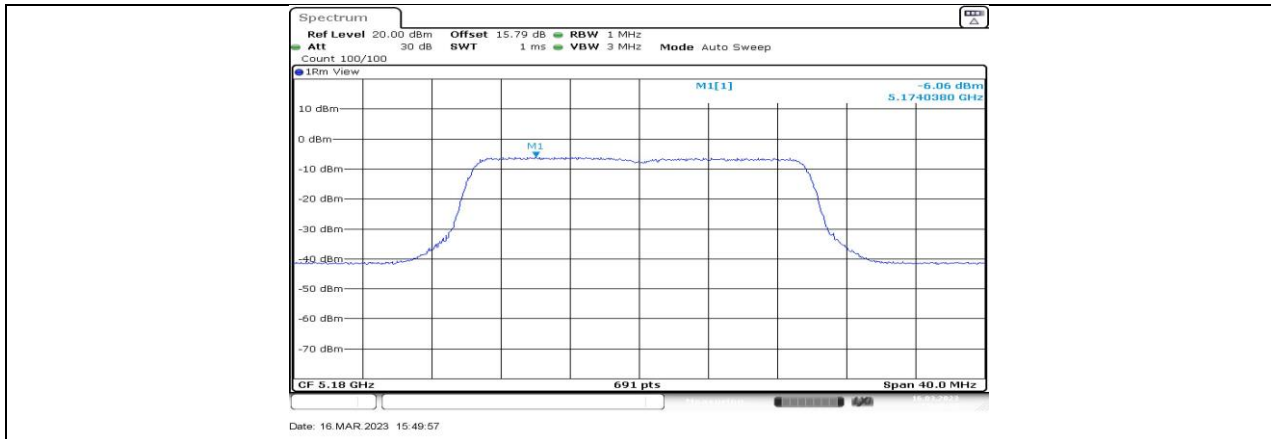
11A-CDD_Ant3_5240



11A-CDD_Ant5_5240



11A-CDD_Ant7_5240



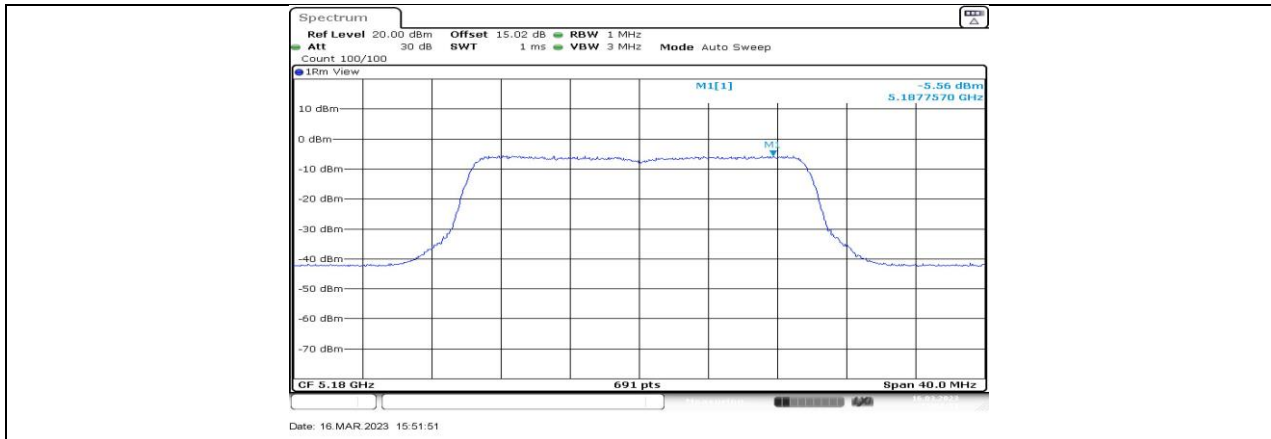
11AX20MIMO_Ant1_5180



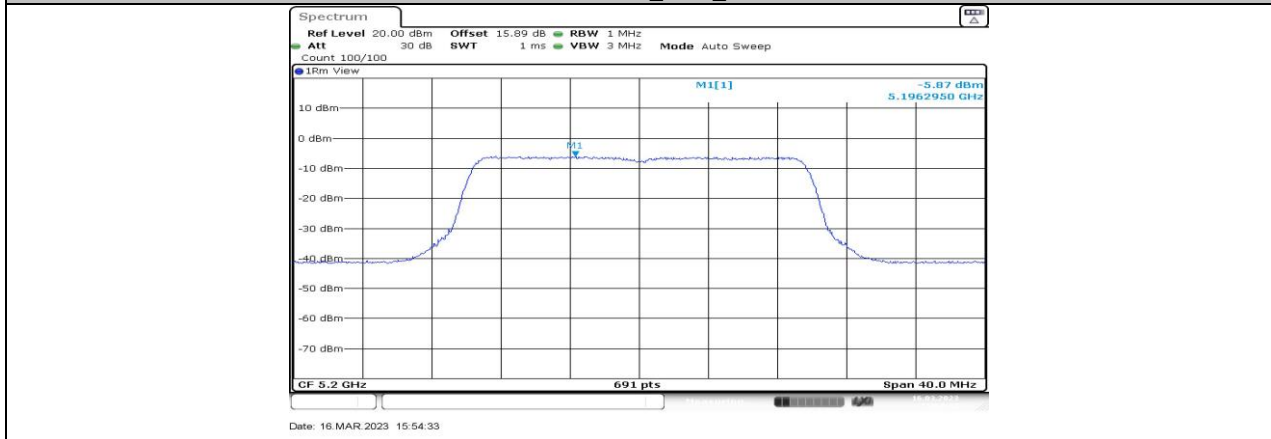
11AX20MIMO_Ant3_5180



11AX20MIMO_Ant5_5180



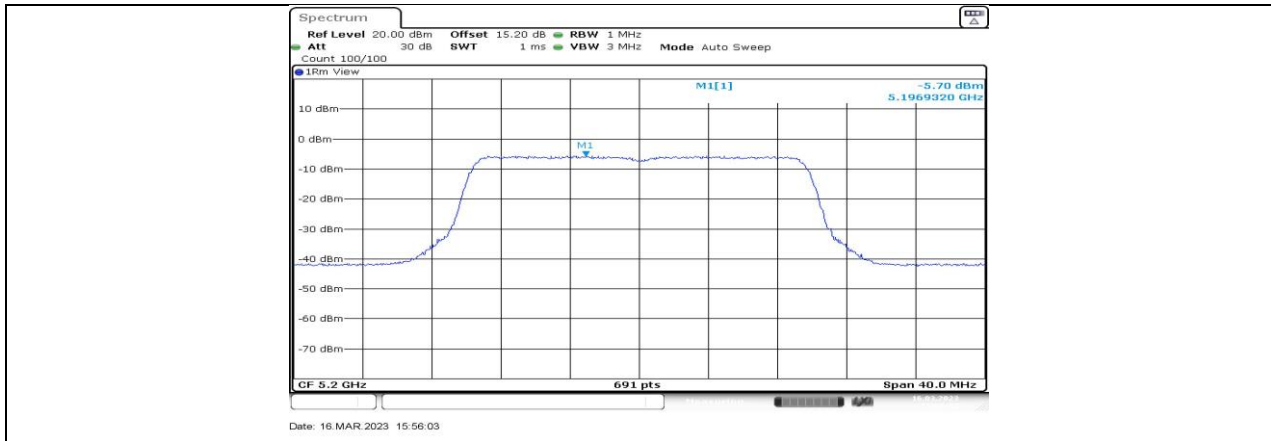
11AX20MIMO_Ant7_5180



11AX20MIMO_Ant1_5200



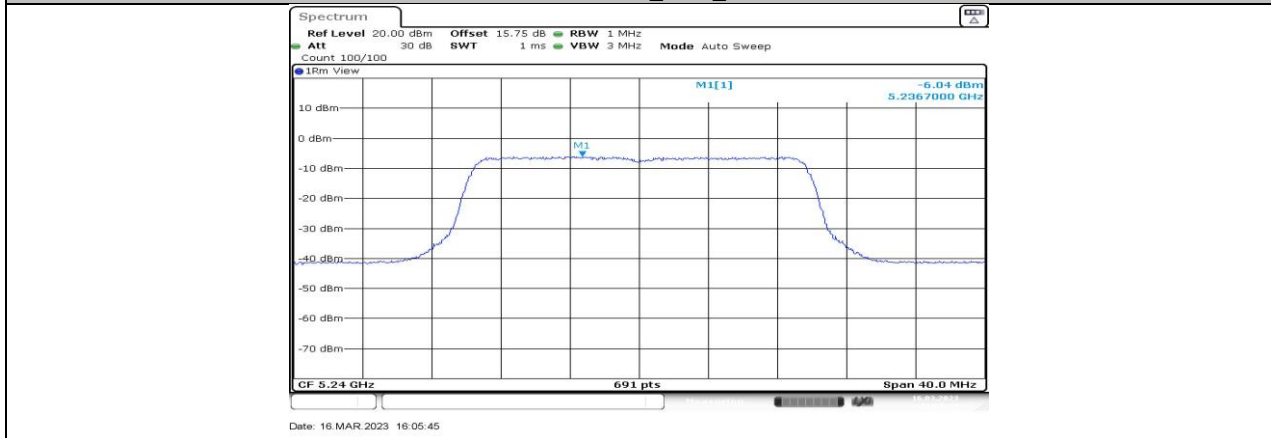
11AX20MIMO_Ant3_5200



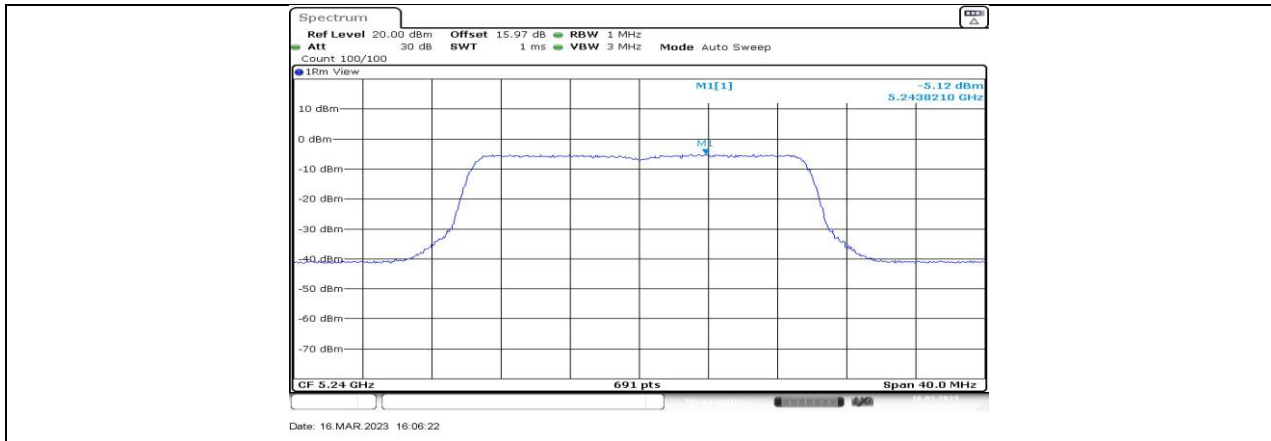
11AX20MIMO_Ant5_5200



11AX20MIMO_Ant7_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant3_5240



11AX20MIMO_Ant5_5240



11AX20MIMO_Ant7_5240



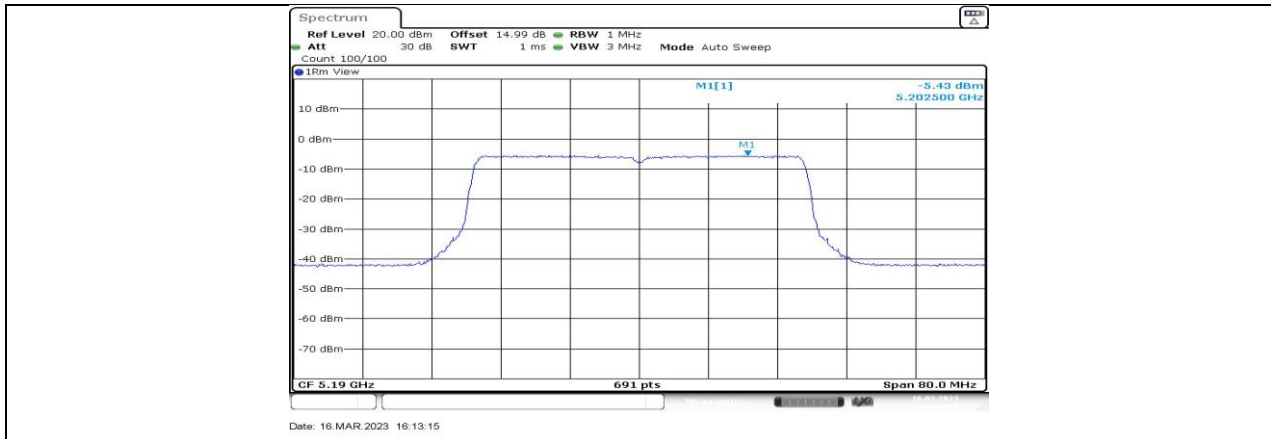
11AX40MIMO_Ant1_5190



11AX40MIMO_Ant3_5190



11AX40MIMO_Ant5_5190



11AX40MIMO_Ant7_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant3_5230



11AX40MIMO_Ant5_5230



11AX40MIMO_Ant7_5230



11AX80MIMO_Ant1_5210



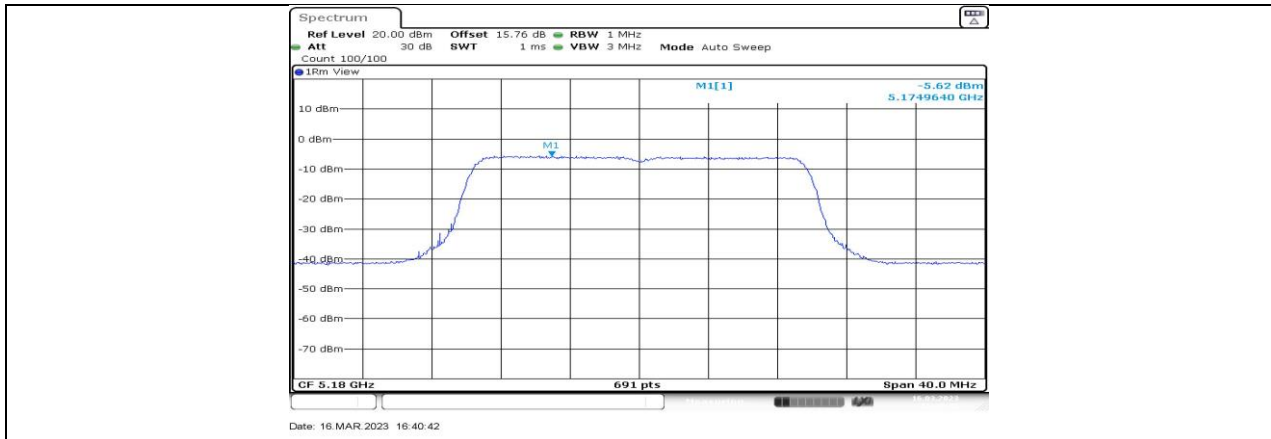
11AX80MIMO_Ant3_5210



11AX80MIMO_Ant5_5210



11AX80MIMO_Ant7_5210



11BE20MIMO_Ant1_5180



11BE20MIMO_Ant3_5180



11BE20MIMO_Ant5_5180



11BE20MIMO_Ant7_5180



11BE20MIMO_Ant1_5200



11BE20MIMO_Ant3_5200



11BE20MIMO_Ant5_5200



11BE20MIMO_Ant7_5200



11BE20MIMO_Ant1_5240



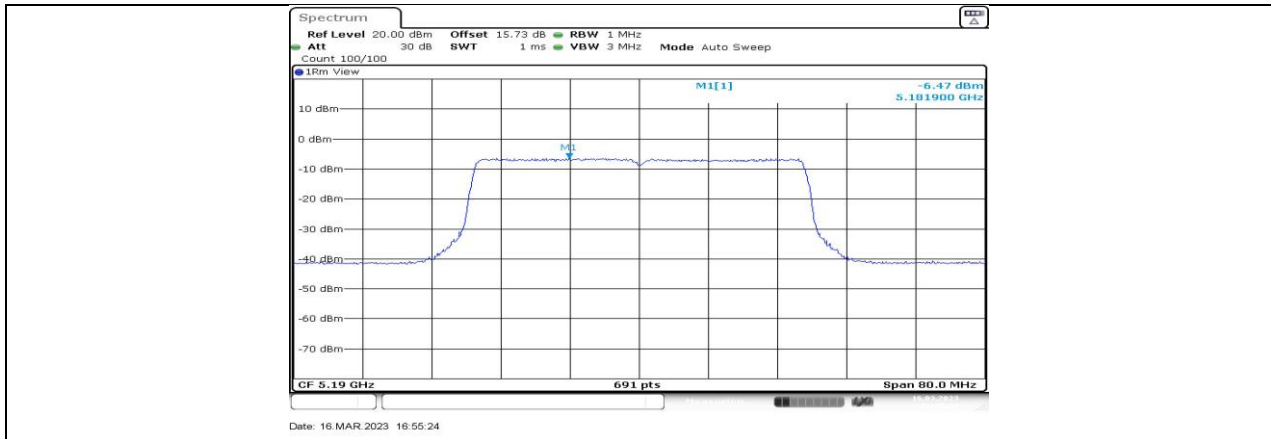
11BE20MIMO_Ant3_5240



11BE20MIMO_Ant5_5240



11BE20MIMO_Ant7_5240



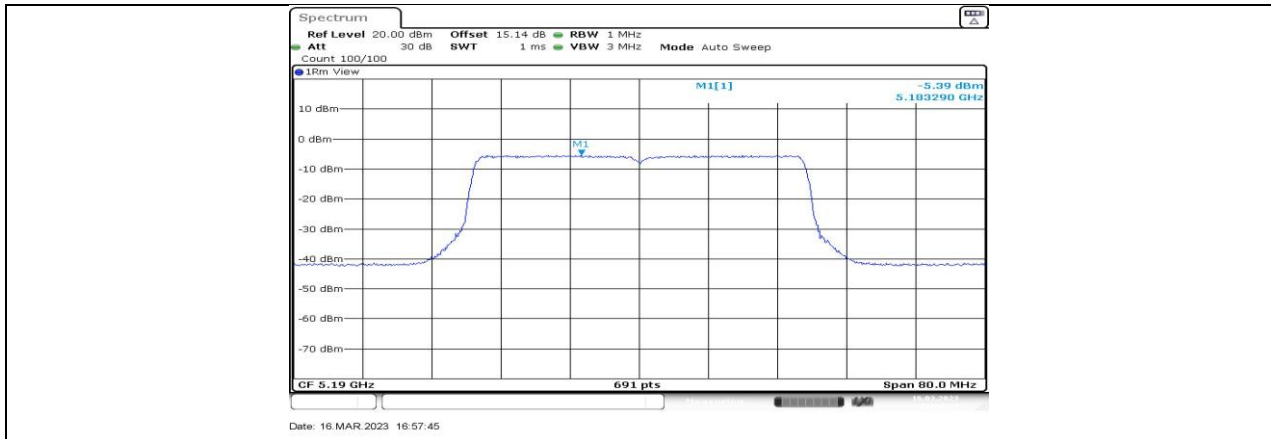
11BE40MIMO_Ant1_5190



11BE40MIMO_Ant3_5190



11BE40MIMO_Ant5_5190



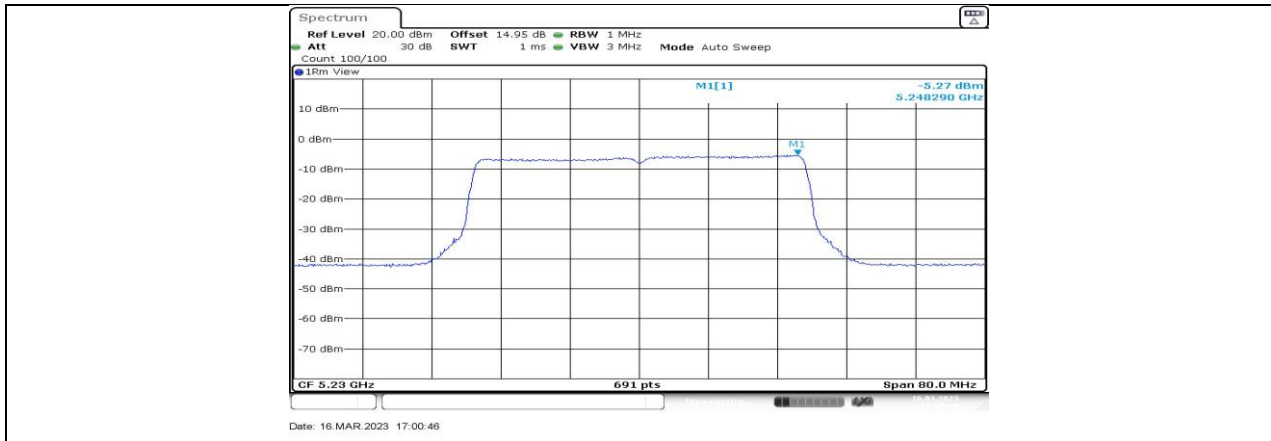
11BE40MIMO_Ant7_5190



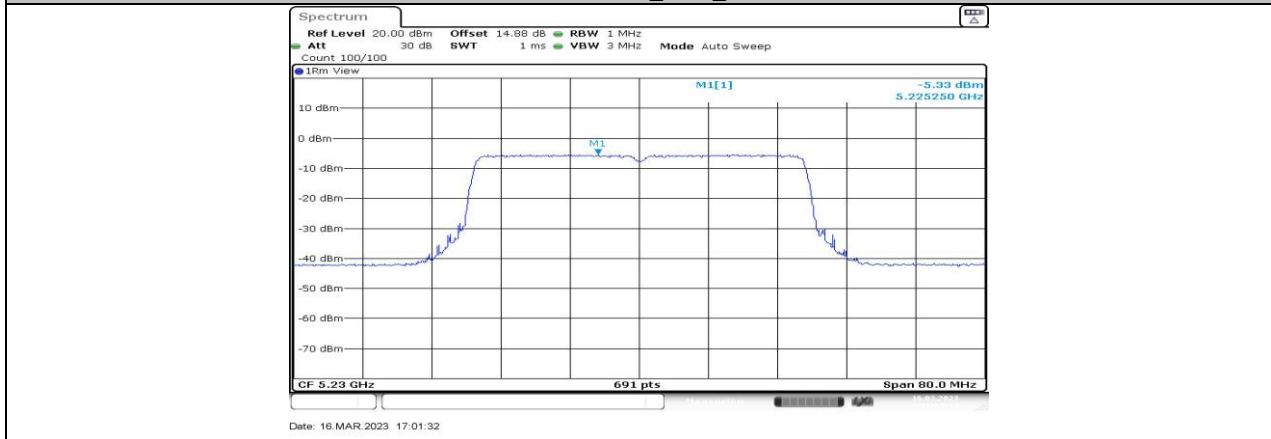
11BE40MIMO_Ant1_5230



11BE40MIMO_Ant3_5230



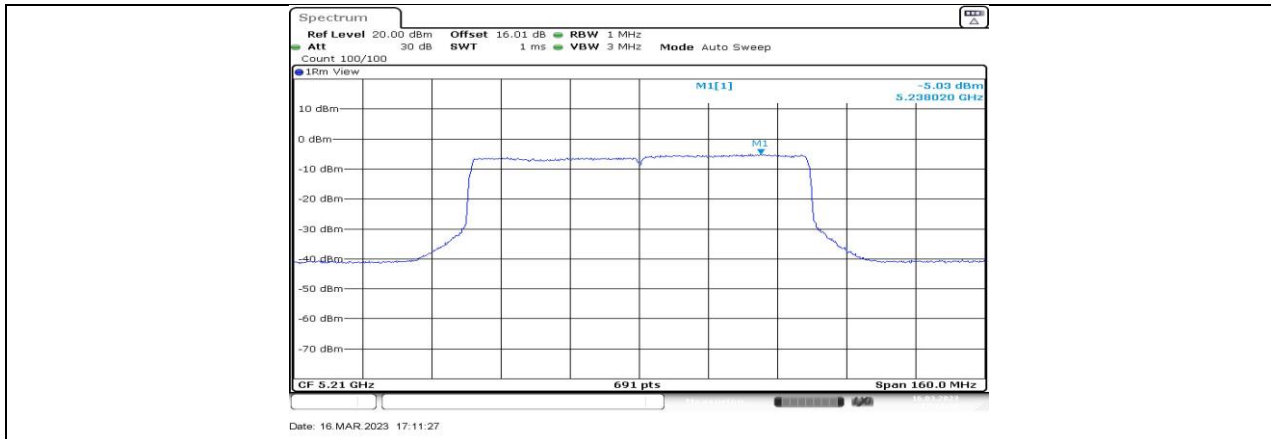
11BE40MIMO_Ant5_5230



11BE40MIMO_Ant7_5230



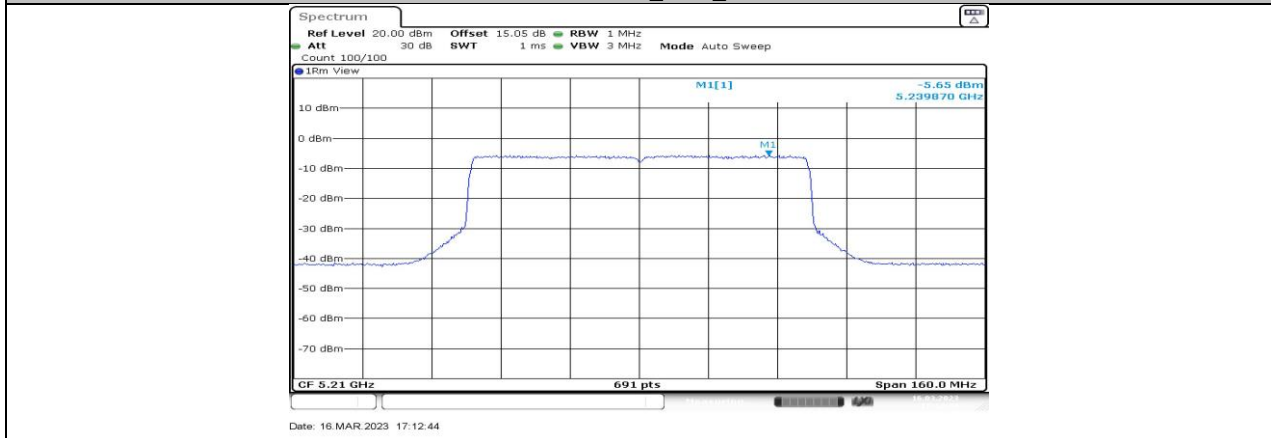
11BE80MIMO_Ant1_5210



11BE80MIMO_Ant3_5210



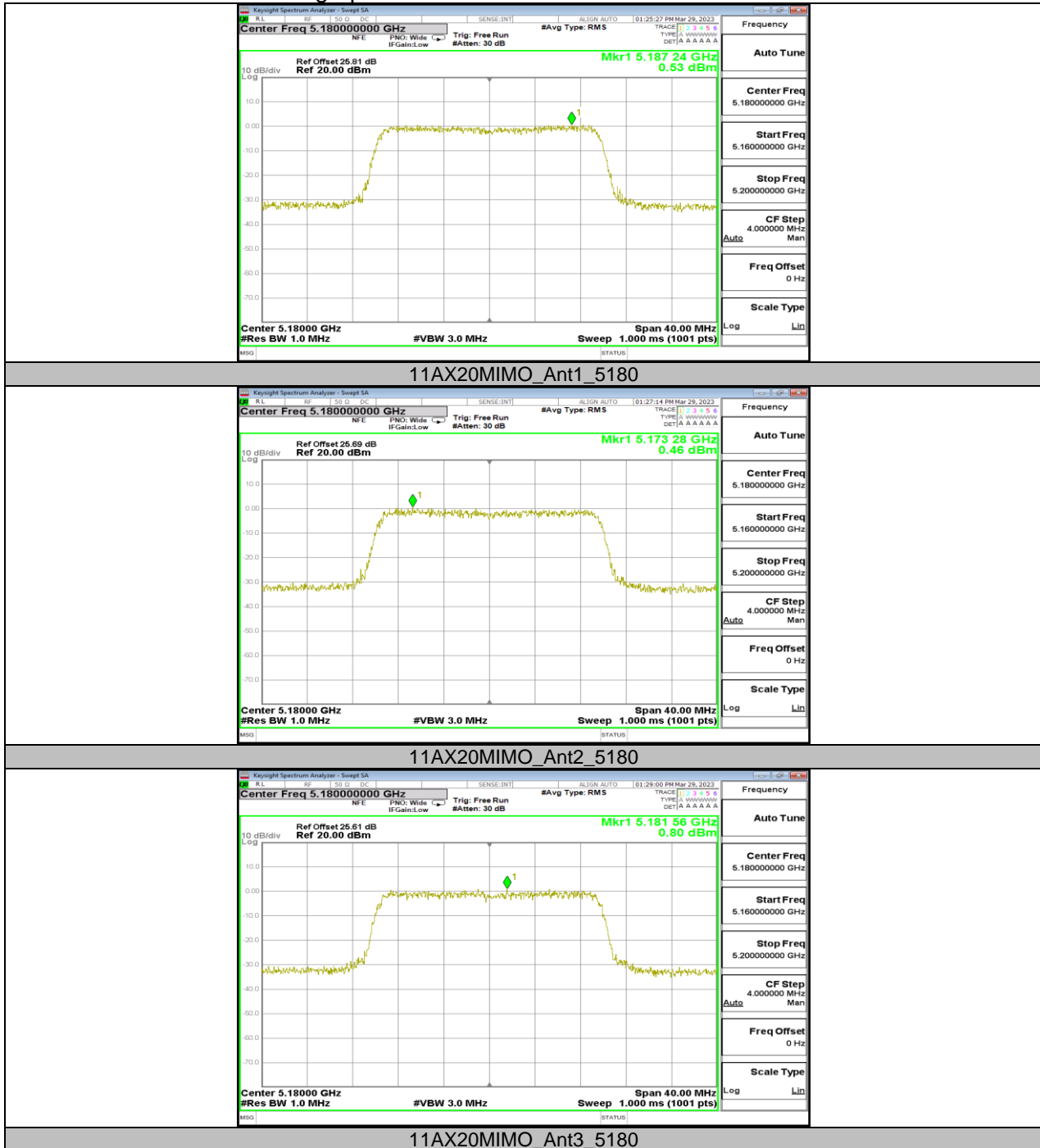
11BE80MIMO_Ant5_5210

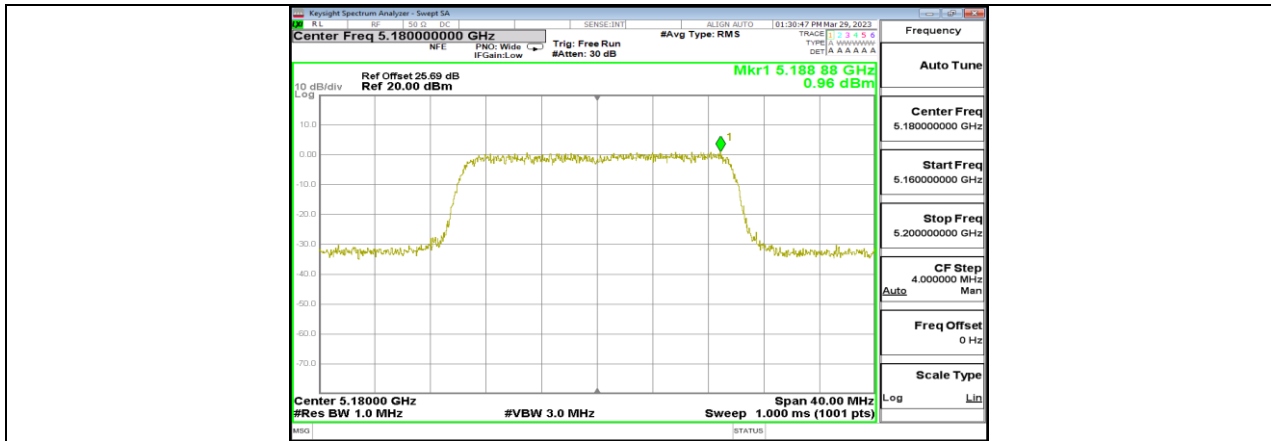


11BE80MIMO_Ant7_5210

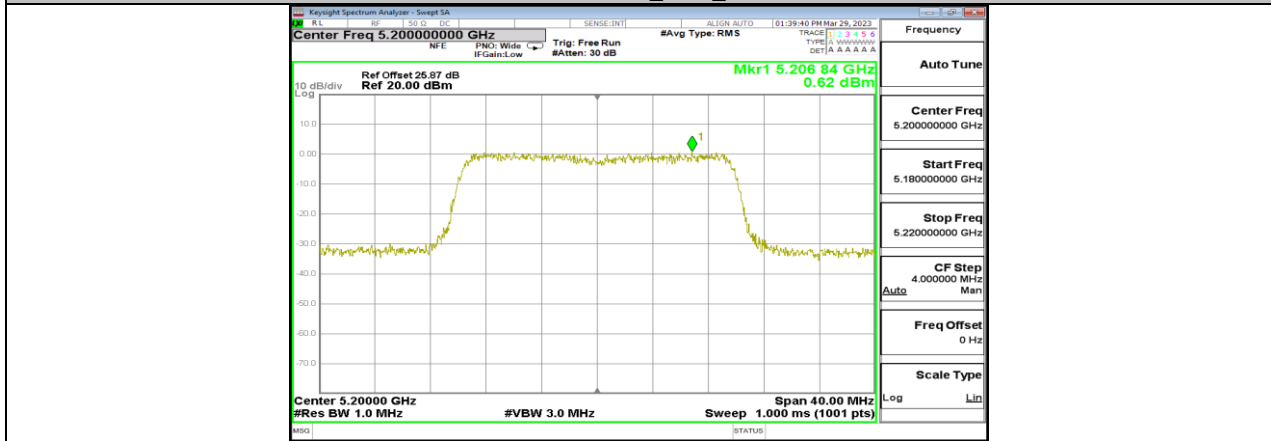
11.5.8. Test Graphs

For ISED UNII-1 NSS=4 test graphs:

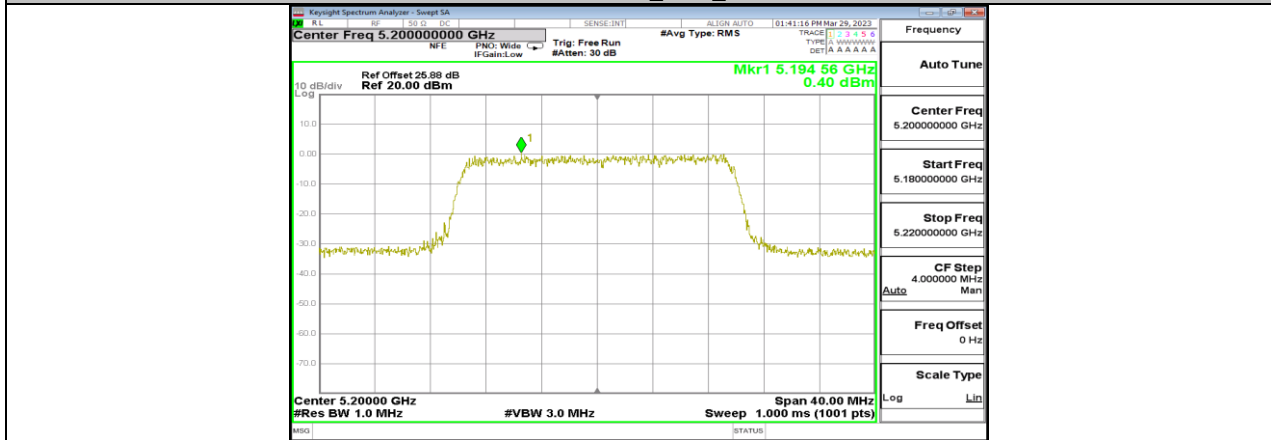




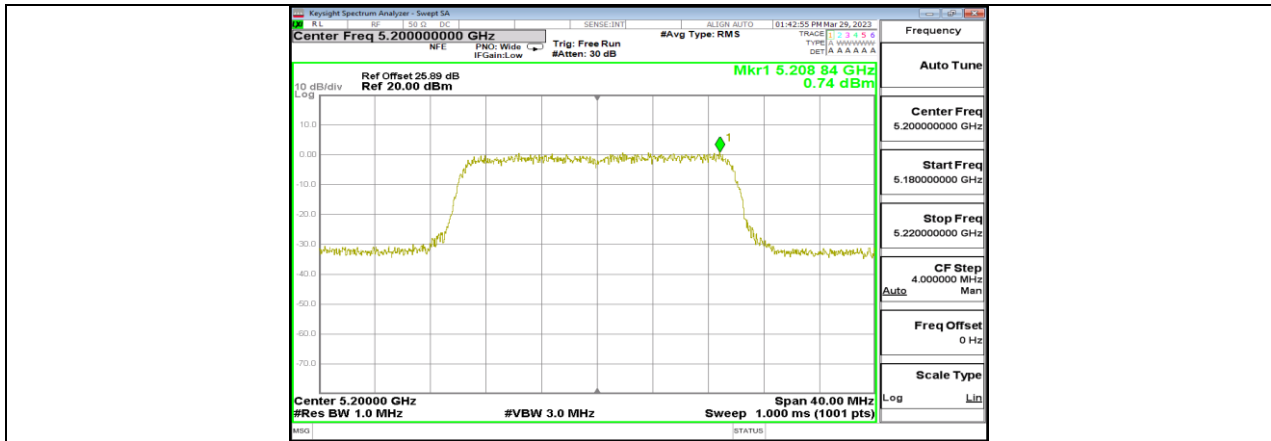
11AX20MIMO_Ant4_5180



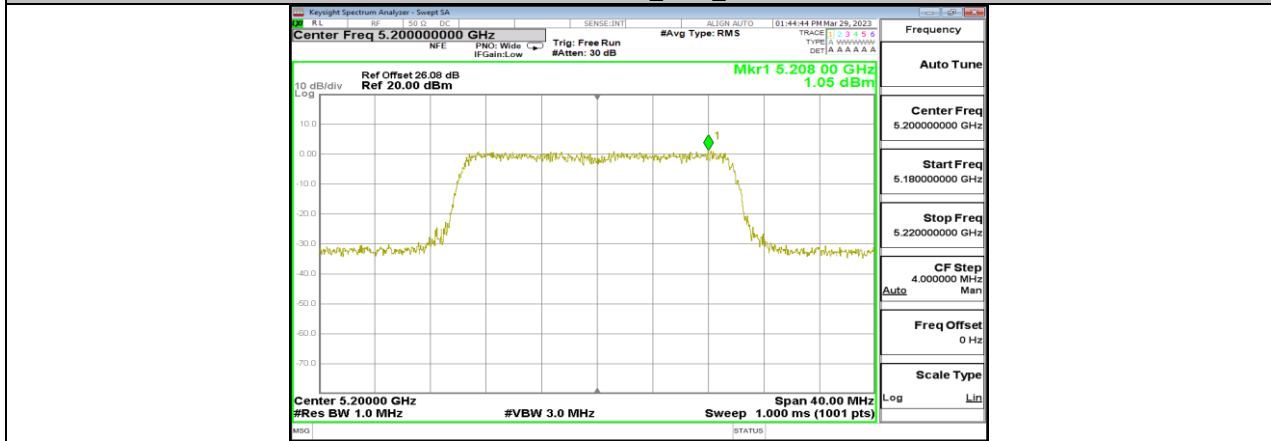
11AX20MIMO_Ant1_5200



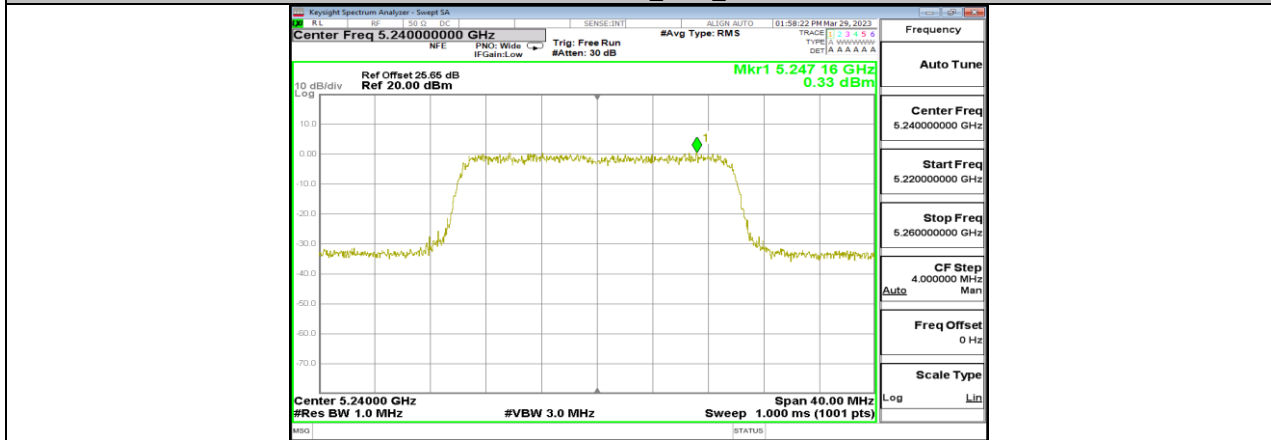
11AX20MIMO_Ant2_5200



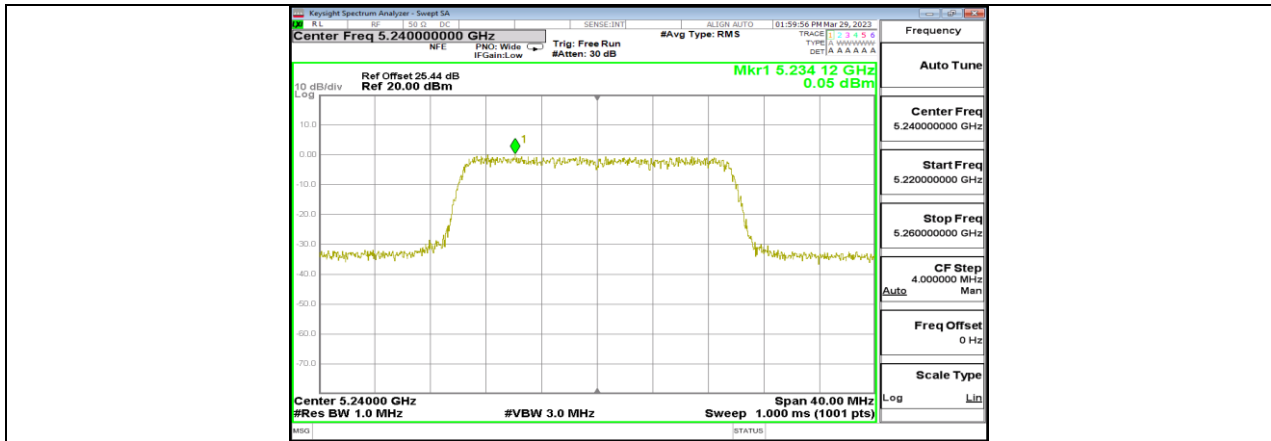
11AX20MIMO_Ant3_5200



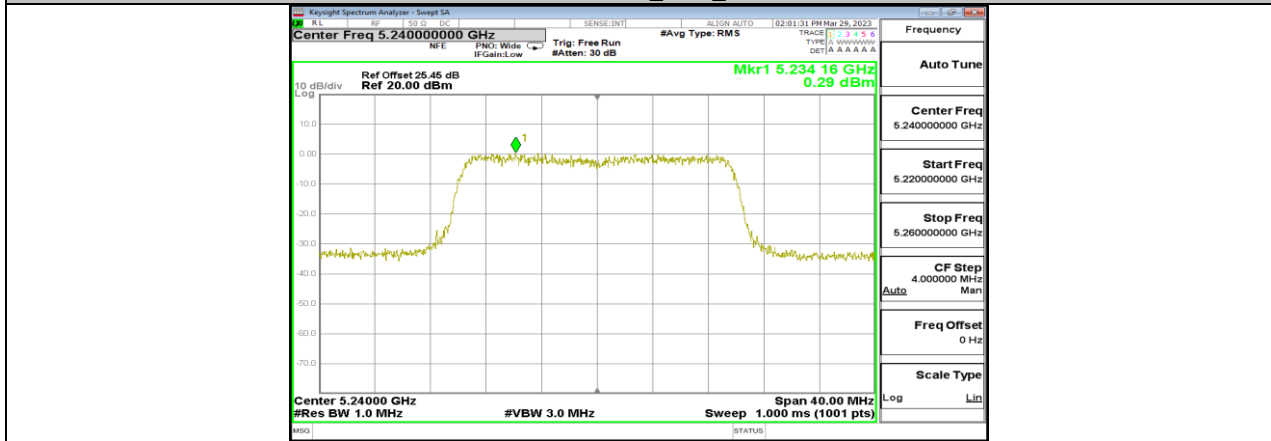
11AX20MIMO_Ant4_5200



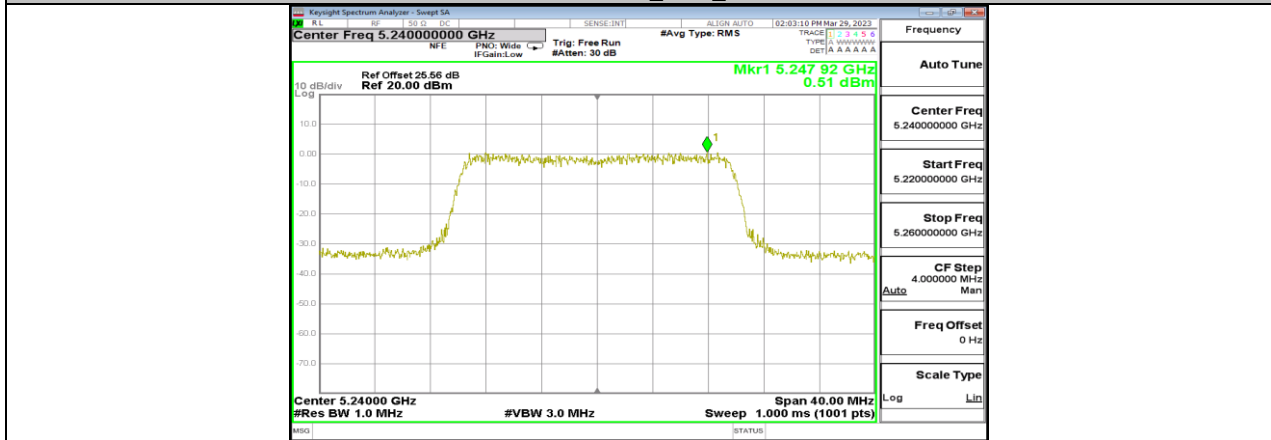
11AX20MIMO_Ant1_5240



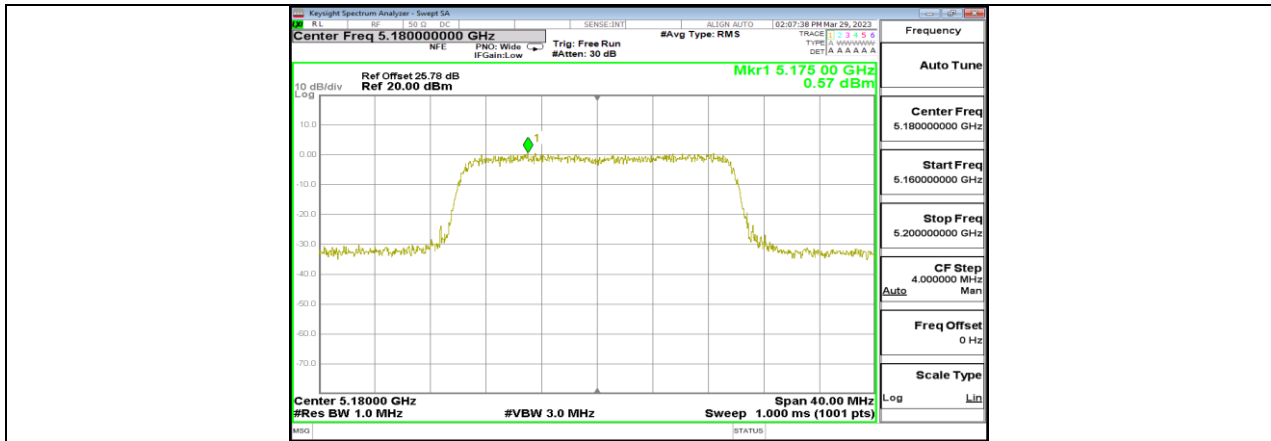
11AX20MIMO_Ant2_5240



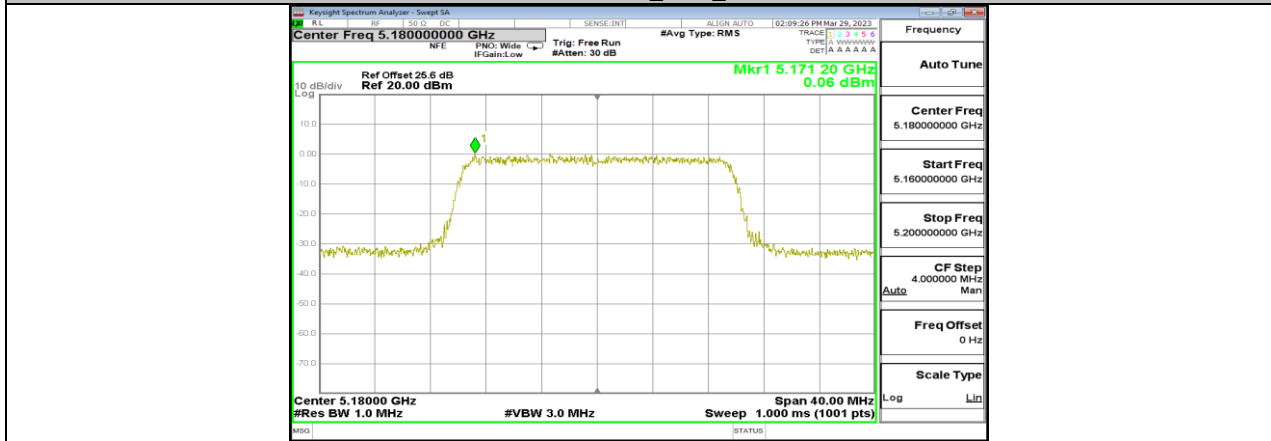
11AX20MIMO_Ant3_5240



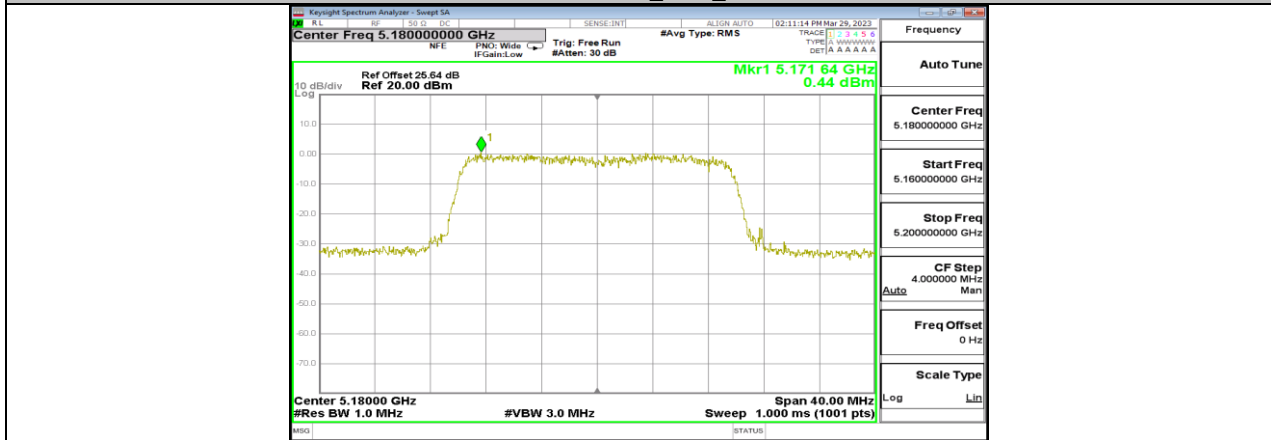
11AX20MIMO_Ant4_5240



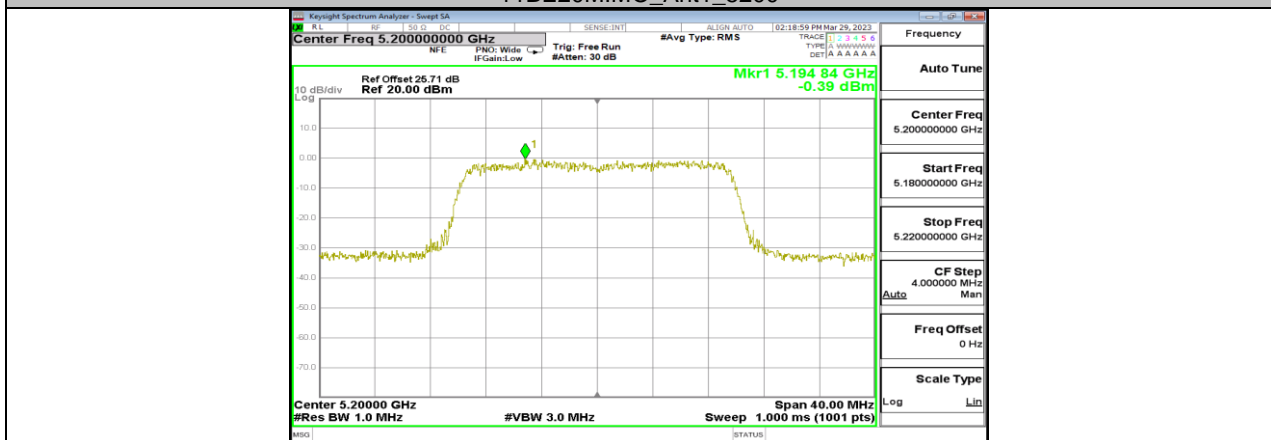
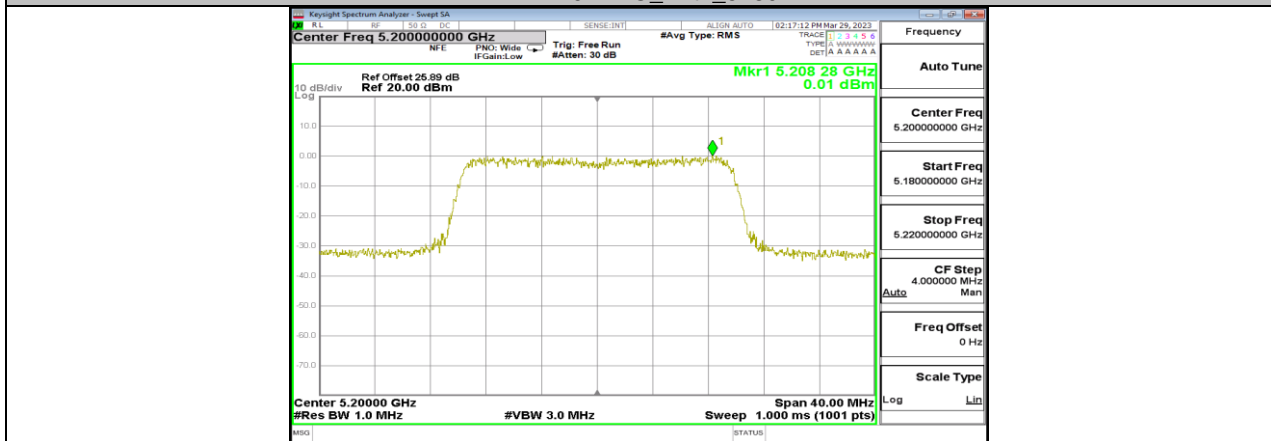
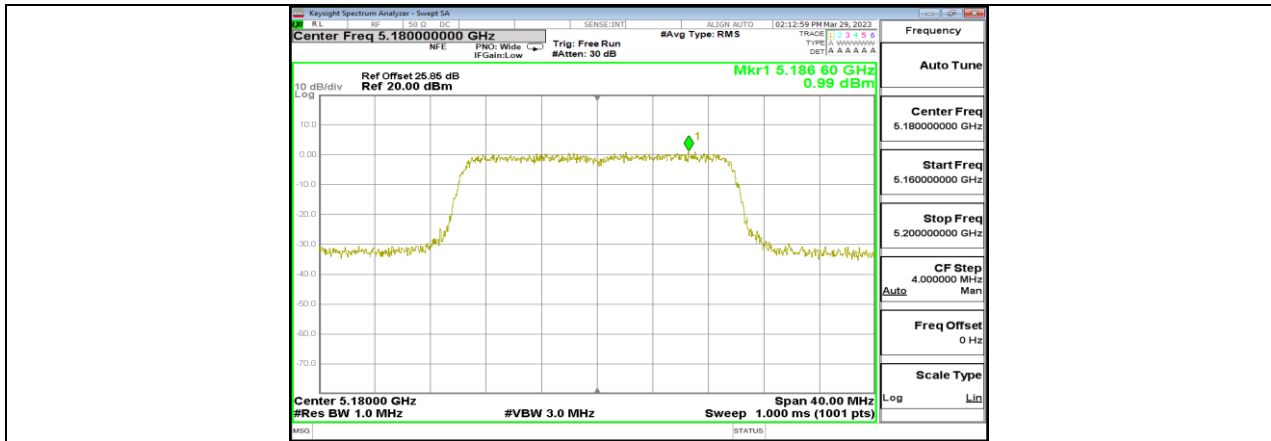
11BE20MIMO_Ant1_5180

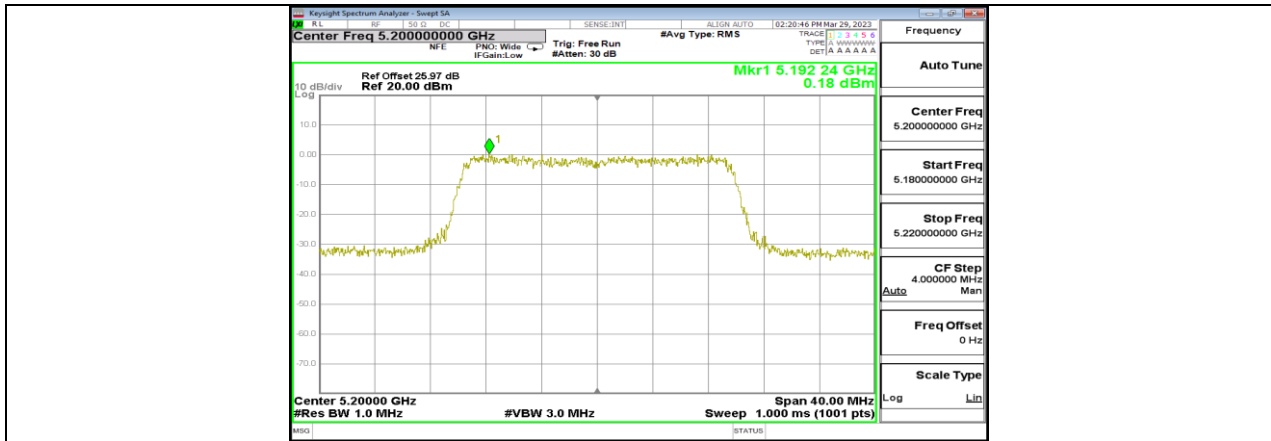


11BE20MIMO_Ant2_5180

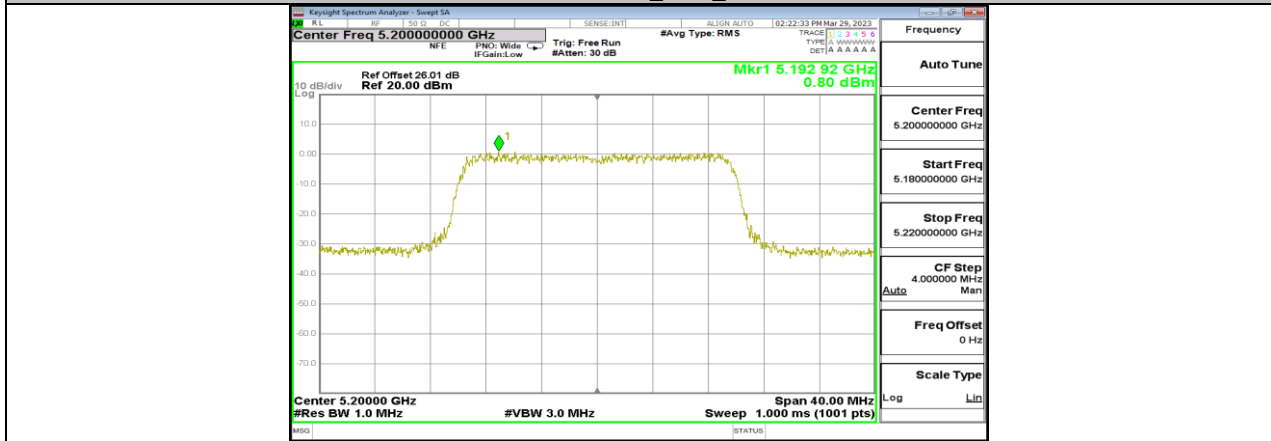


11BE20MIMO_Ant3_5180

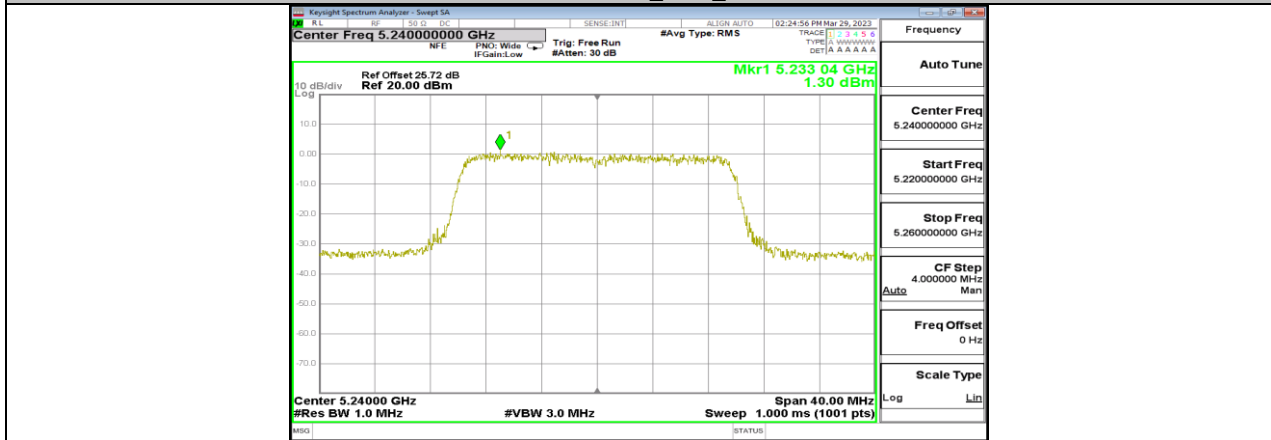




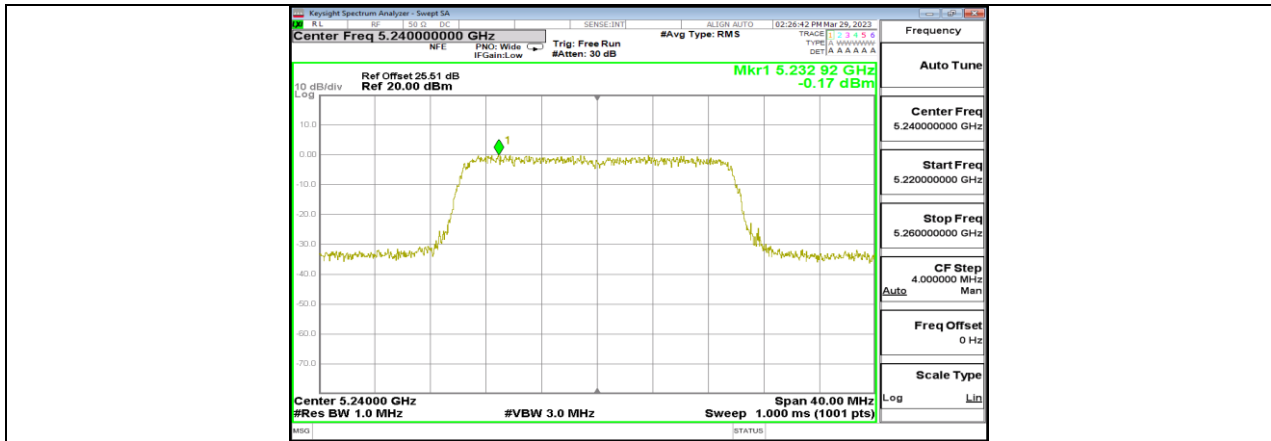
11BE20MIMO_Ant3_5200



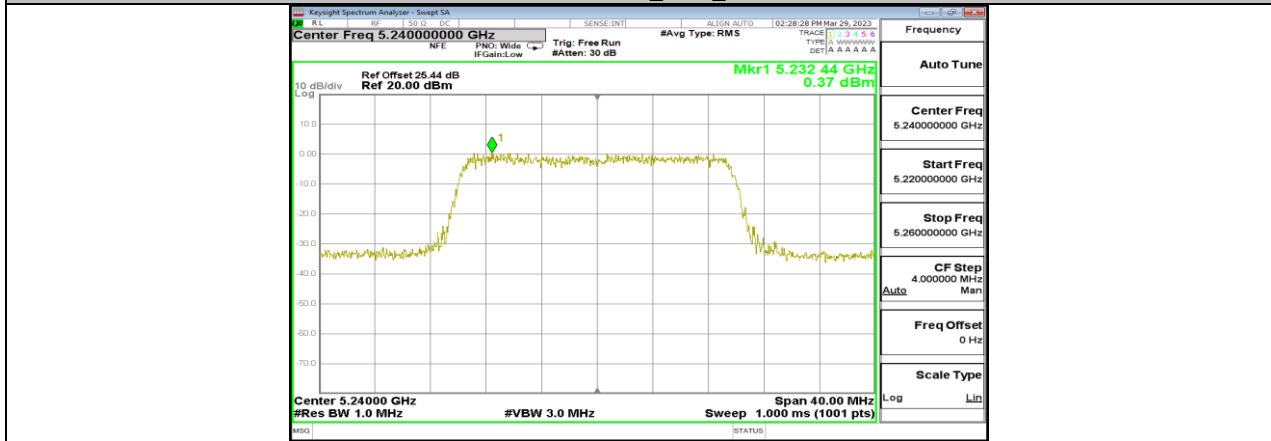
11BE20MIMO_Ant4_5200



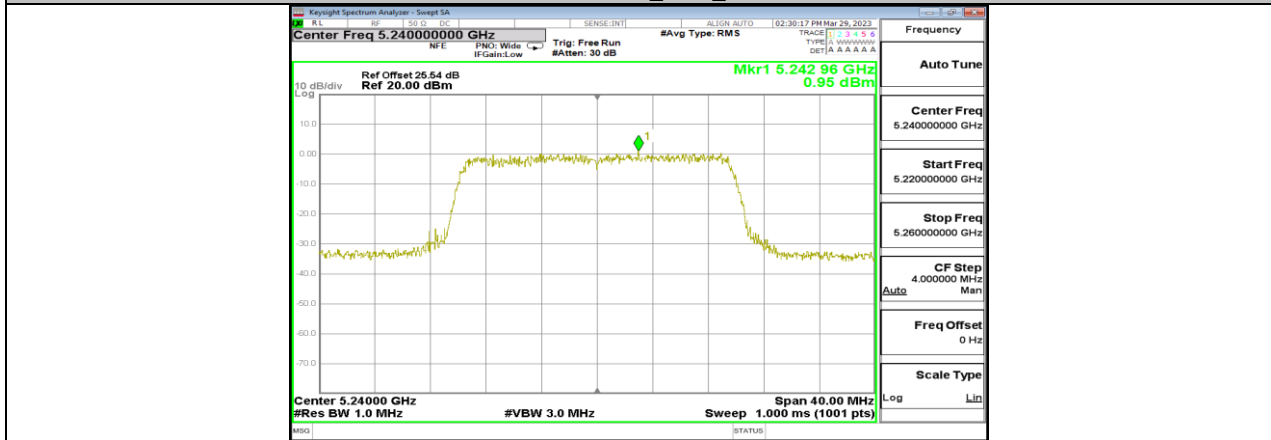
11BE20MIMO_Ant1_5240



11BE20MIMO_Ant2_5240



11BE20MIMO_Ant3_5240



11BE20MIMO_Ant4_5240

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	5200.0131	2.52	5200.0003	0.05	5200.0163	3.13	5200.0091	1.76
TN	VN	5199.9826	-3.35	5199.9860	-2.69	5199.9847	-2.94	5200.0126	2.42
TN	VH	5200.0109	2.10	5199.9778	-4.27	5200.0114	2.19	5200.0250	4.80
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	5199.9813	-3.59	5199.9971	-0.55	5200.0138	2.65	5200.0040	0.76
30	VN	5200.0062	1.20	5200.0221	4.25	5200.0148	2.85	5200.0134	2.58
20	VN	5200.0113	2.18	5199.9852	-2.84	5200.0248	4.77	5200.0002	0.04
10	VN	5199.9783	-4.18	5200.0089	1.72	5199.9911	-1.71	5199.9992	-0.16
0	VN	5199.9825	-3.36	5200.0023	0.45	5200.0237	4.57	5200.0118	2.27

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	3.01	3.13	0.9617	96.17	0.17	0.33	0.5
11AX20MIMO	2.53	2.68	0.9440	94.40	0.25	0.40	0.5
11AX40MIMO	3.75	3.90	0.9615	96.15	0.17	0.27	0.5
11AX80MIMO	3.58	3.90	0.9179	91.79	0.37	0.28	0.5
11BE20MIMO	2.53	2.71	0.9336	93.36	0.30	0.40	0.5
11BE40MIMO	3.76	3.93	0.9567	95.67	0.19	0.27	0.5
11BE80MIMO	3.58	3.73	0.9598	95.98	0.18	0.28	0.5

Note:

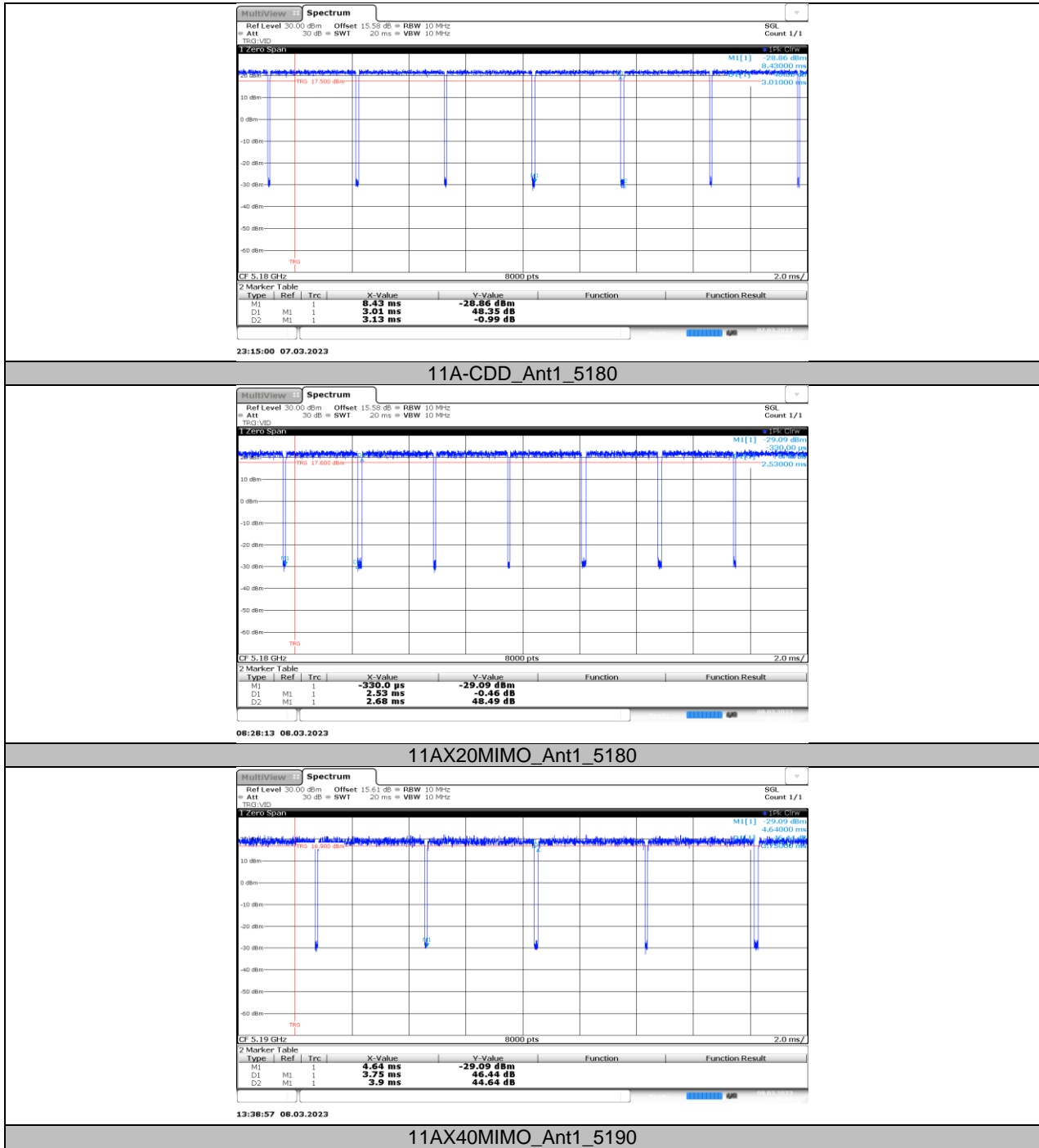
Duty Cycle Correction Factor=10log (1/x).

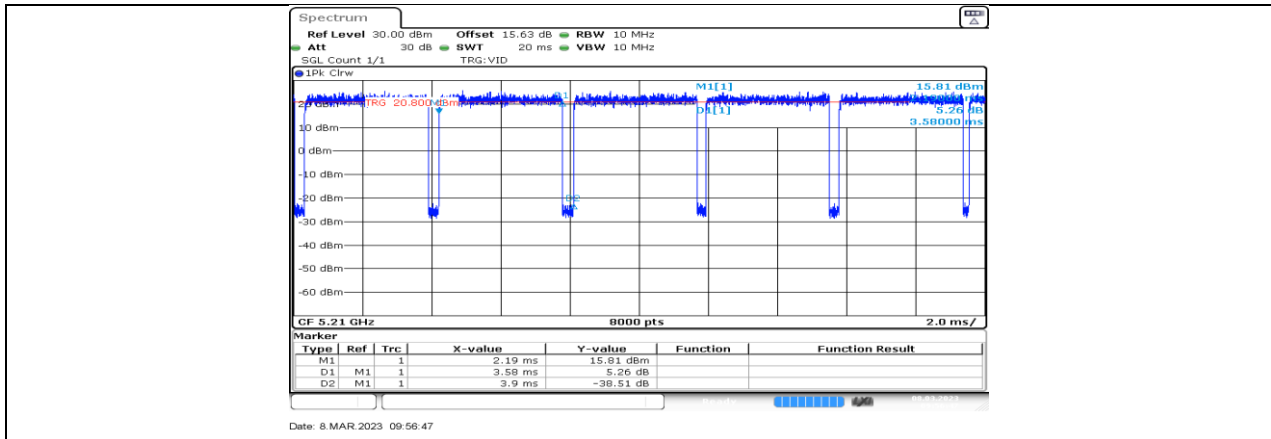
Where: x is Duty Cycle (Linear)

Where: T is On Time

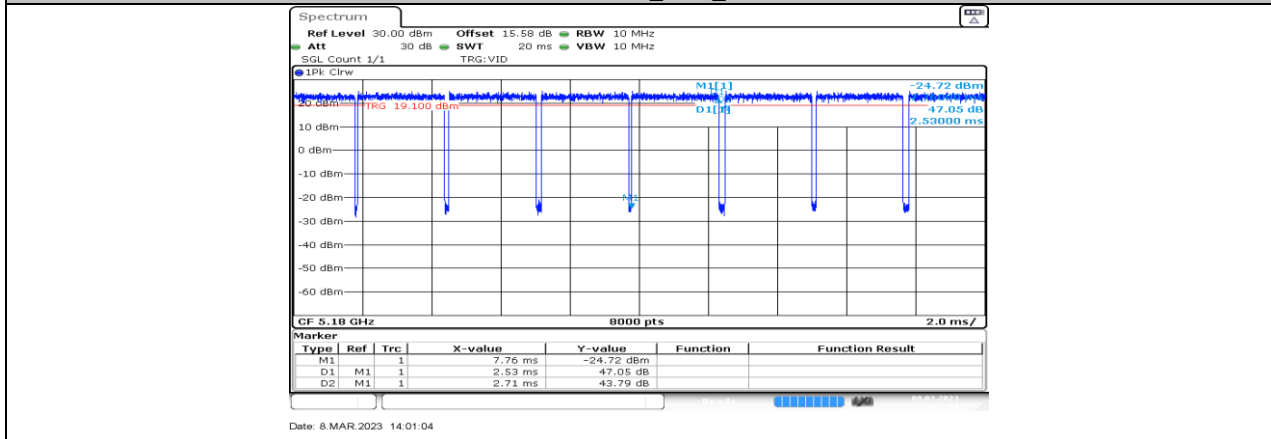
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

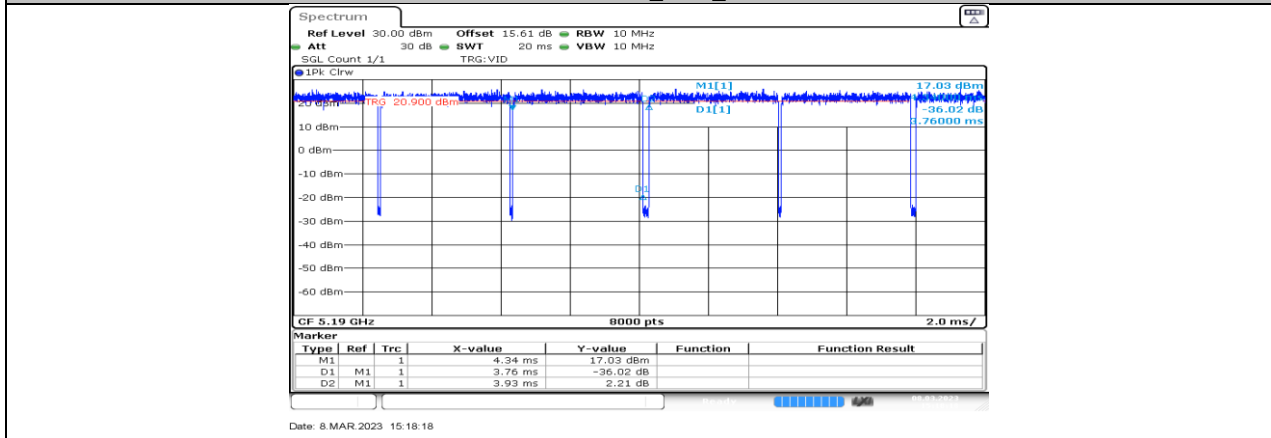




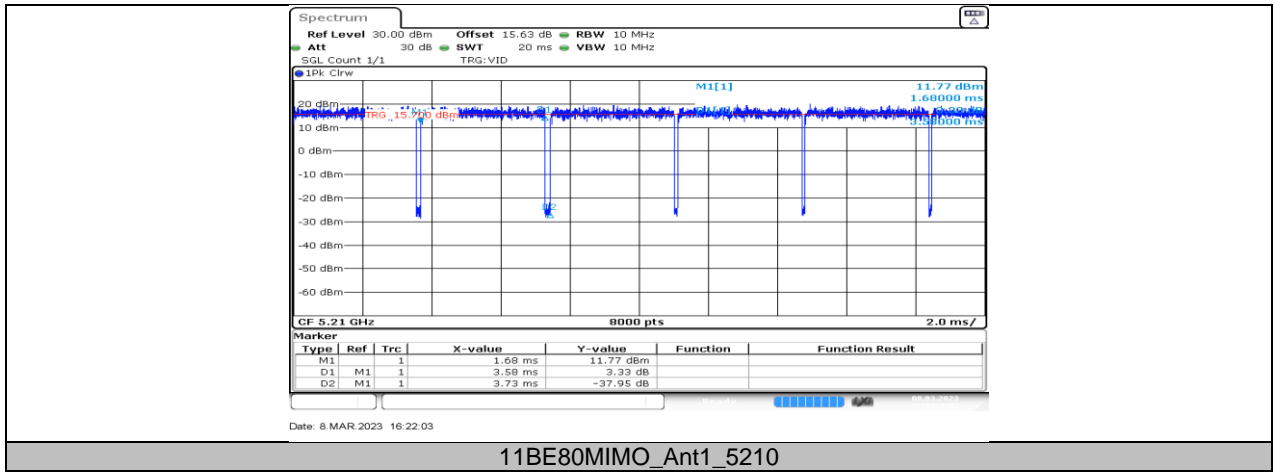
11AX80MIMO_Ant1_5210



11BE20MIMO_Ant1_5180



11BE40MIMO_Ant1_5190



END OF REPORT