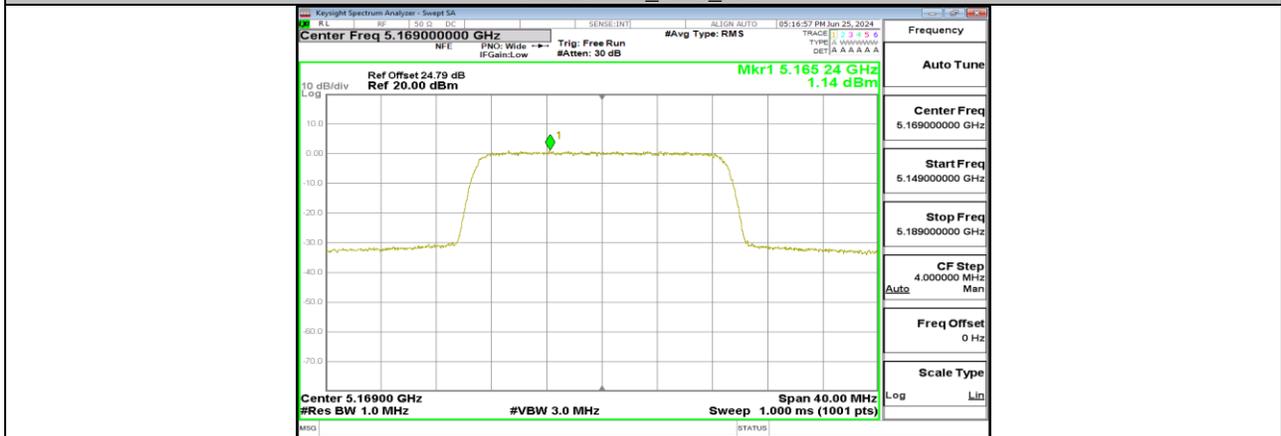


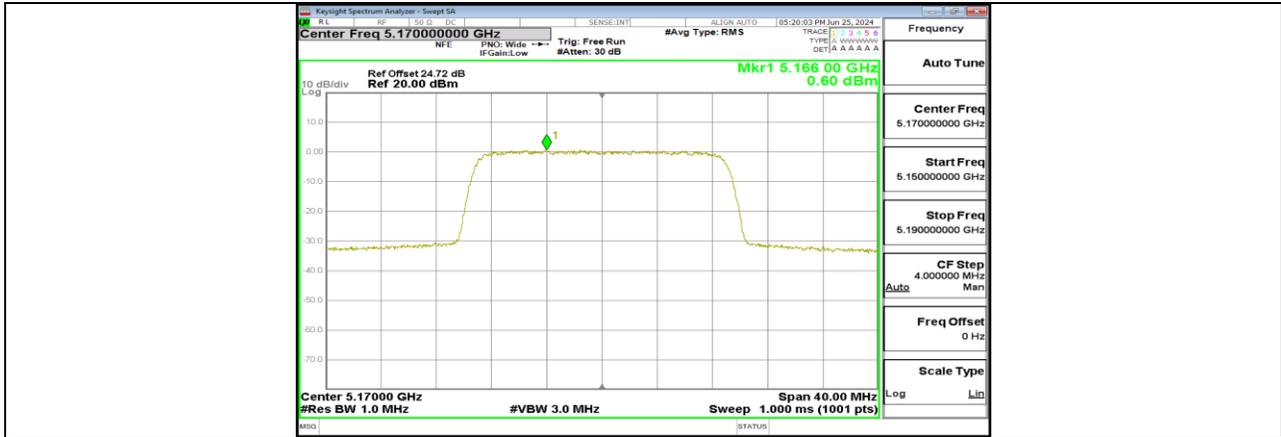
SRD 20MHz\_Ant1\_5168



SRD 20MHz\_Ant0\_5169



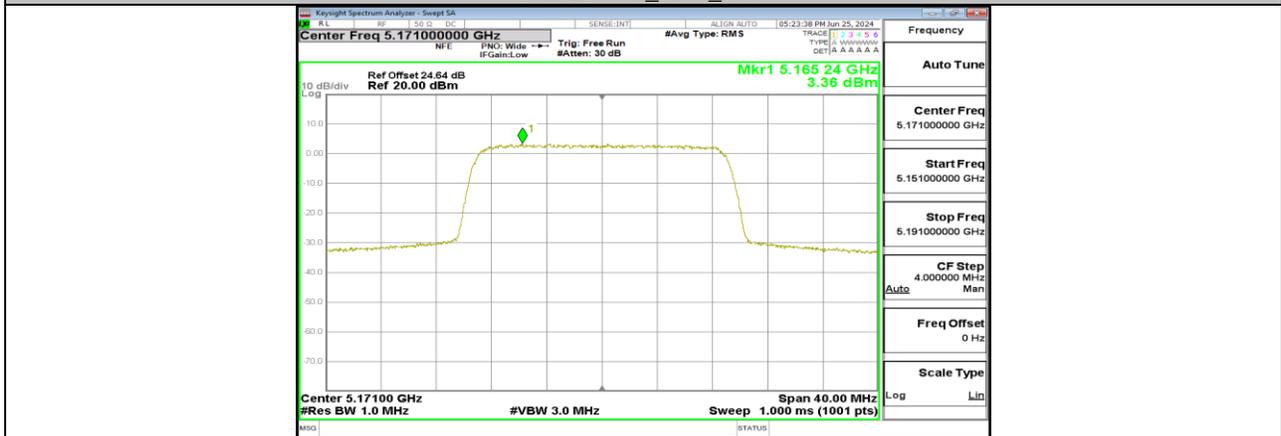
SRD 20MHz\_Ant1\_5169



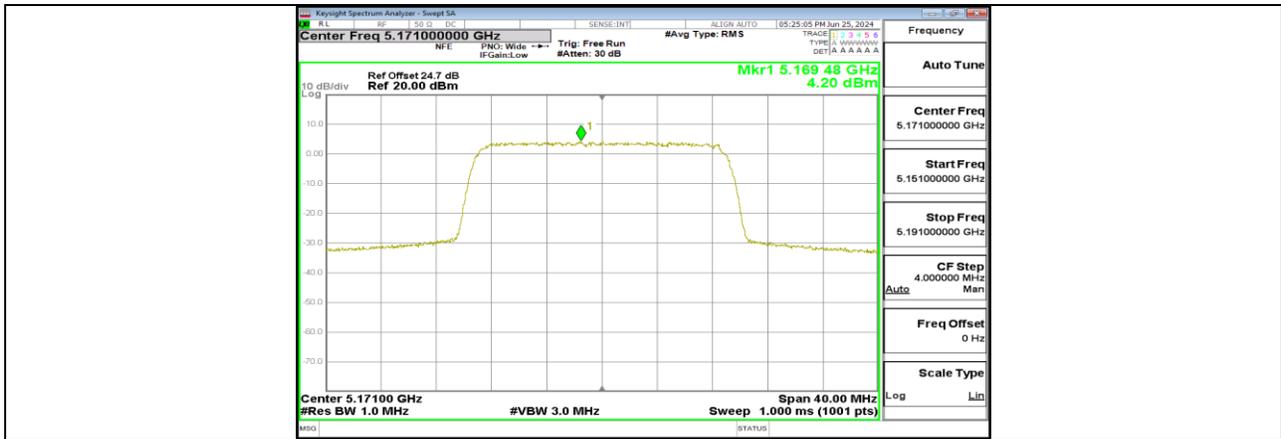
SRD 20MHz\_Ant0\_5170



SRD 20MHz\_Ant1\_5170



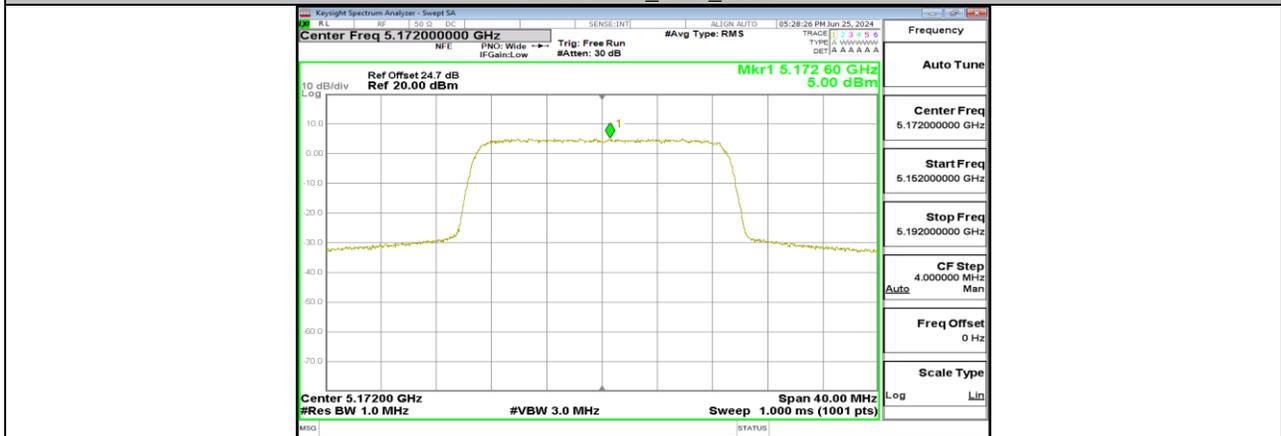
SRD 20MHz\_Ant0\_5171



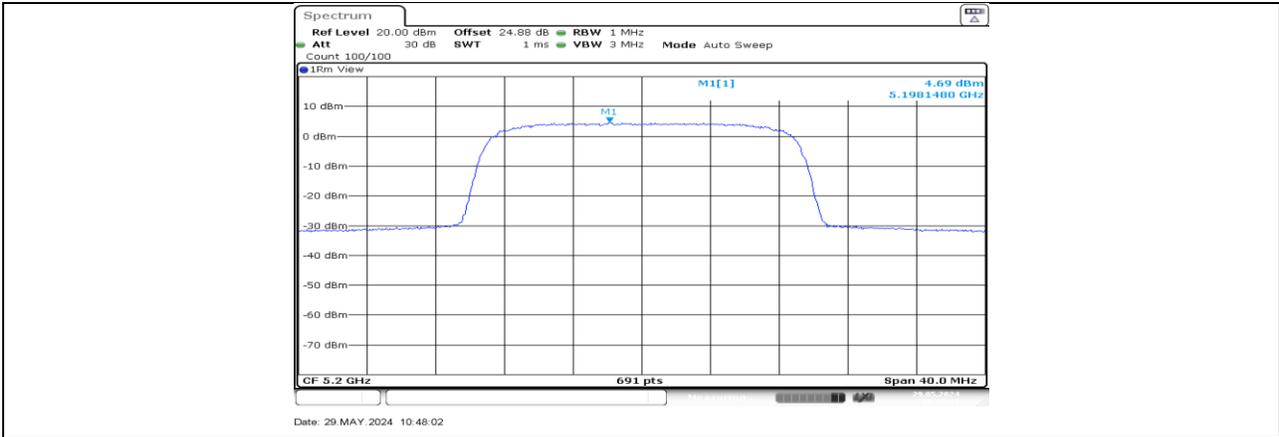
SRD 20MHz\_Ant1\_5171



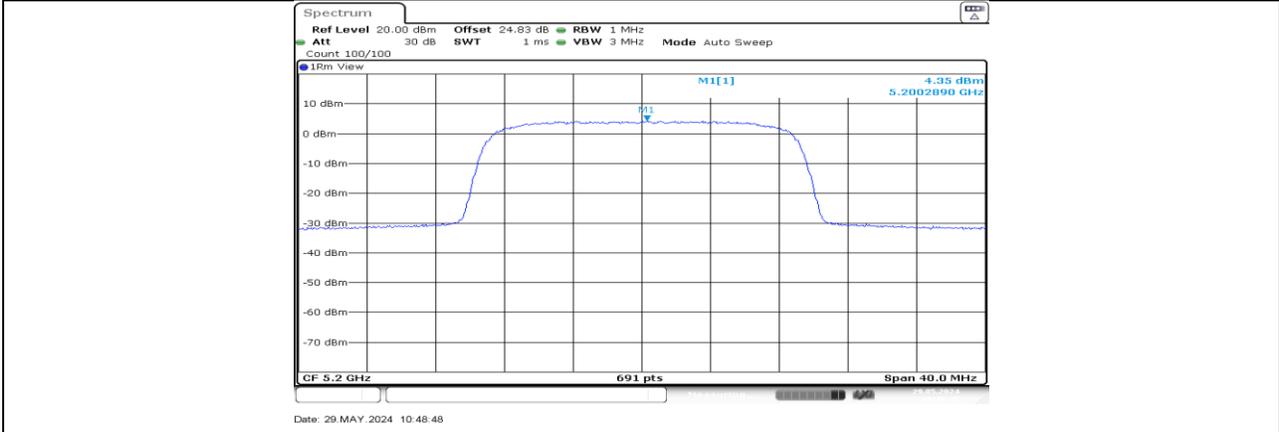
SRD 20MHz\_Ant0\_5172



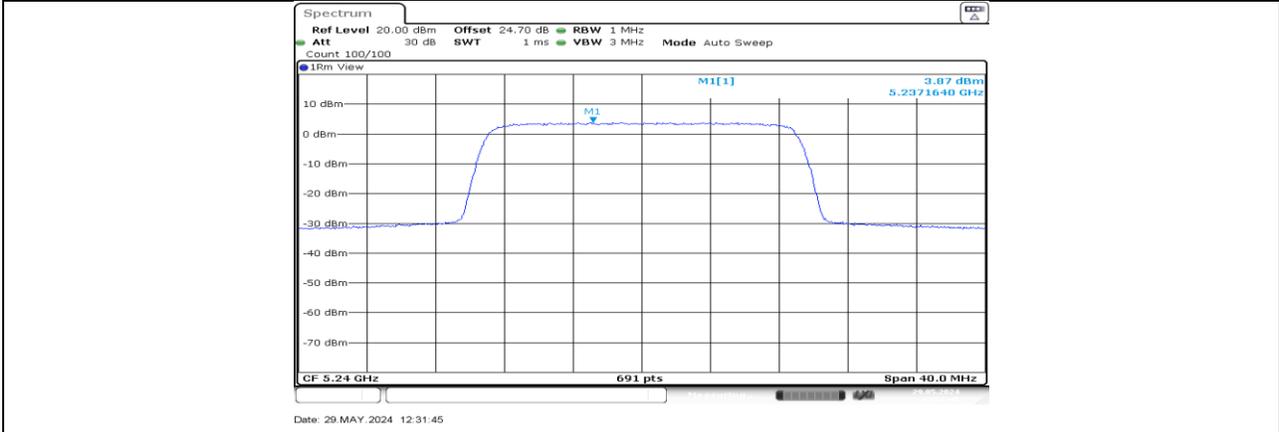
SRD 20MHz\_Ant1\_5172



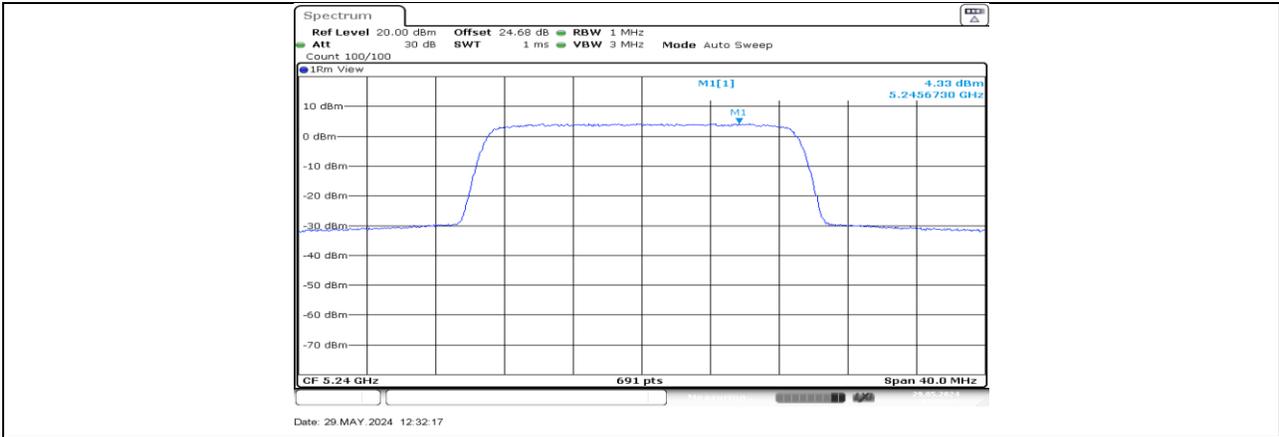
SRD 20MHz\_Ant0\_5200



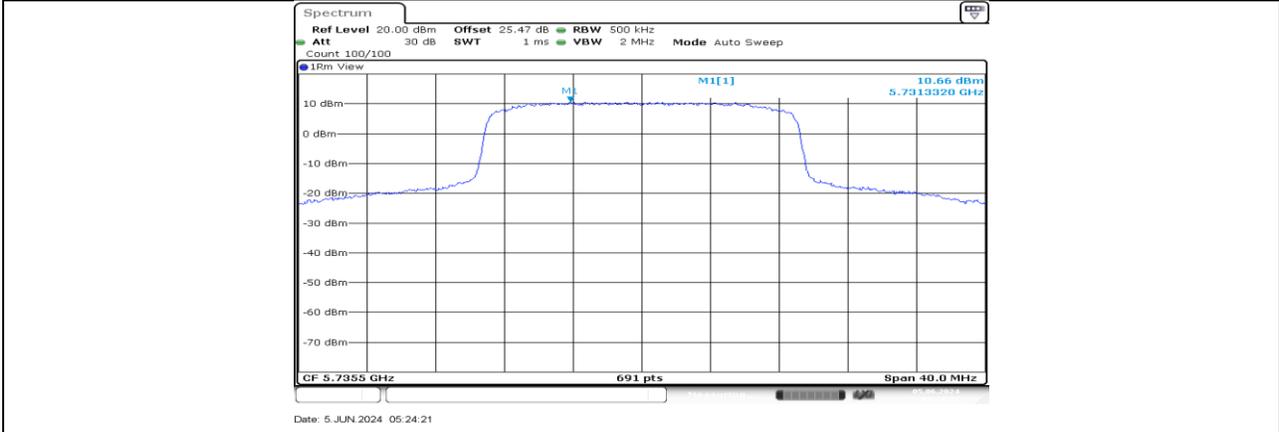
SRD 20MHz\_Ant1\_5200



SRD 20MHz\_Ant0\_5240



SRD 20MHz\_Ant1\_5240



SRD 20MHz\_Ant0\_5735.5



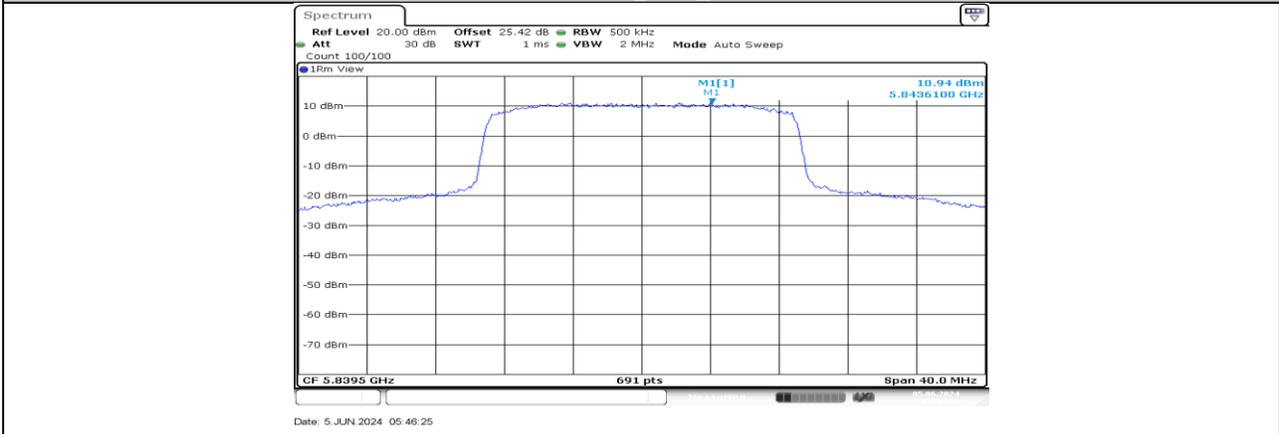
SRD 20MHz\_Ant1\_5735.5



SRD 20MHz\_Ant0\_5787.5



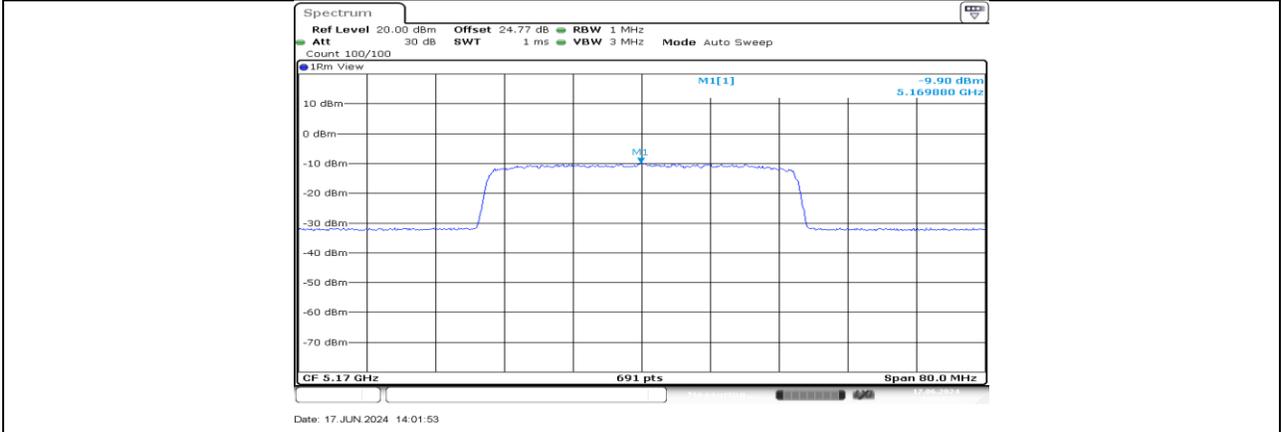
SRD 20MHz\_Ant1\_5787.5



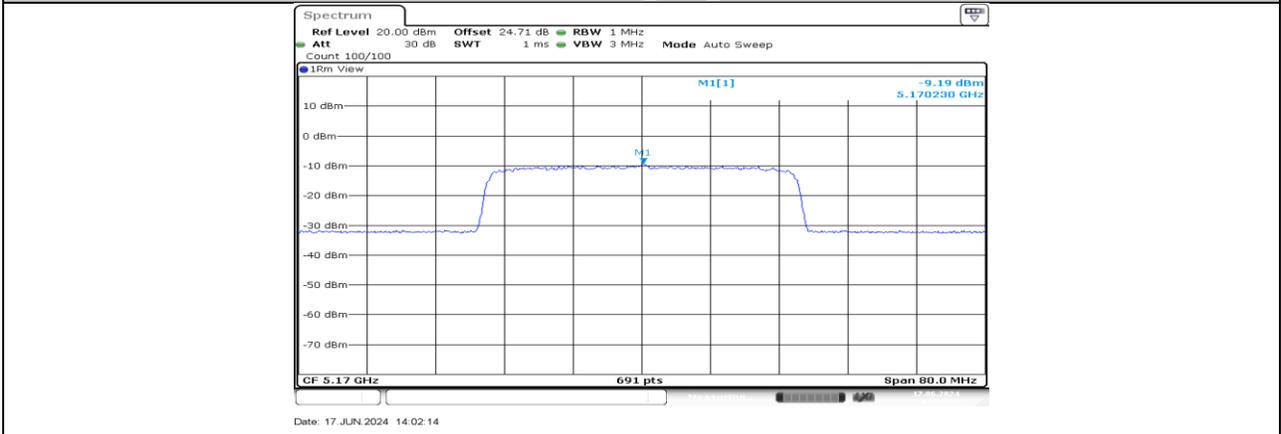
SRD 20MHz\_Ant0\_5839.5



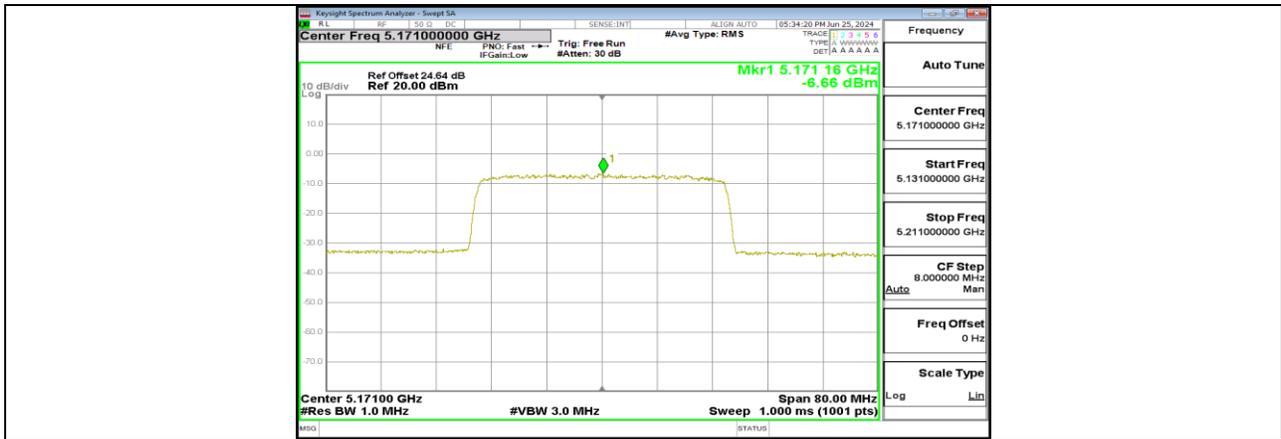
SRD 20MHz\_Ant1\_5839.5



SRD 40MHz\_Ant0\_5170



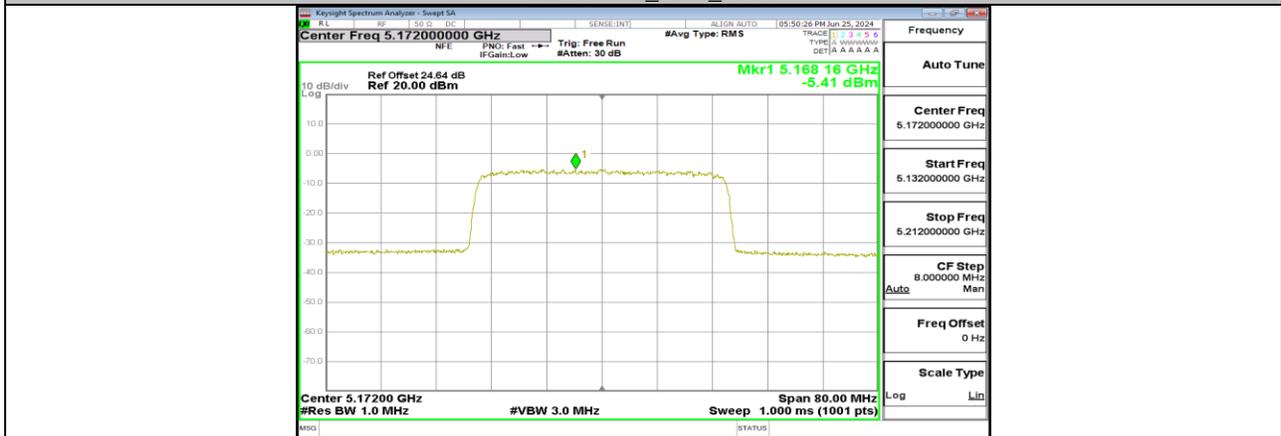
SRD 40MHz\_Ant1\_5170



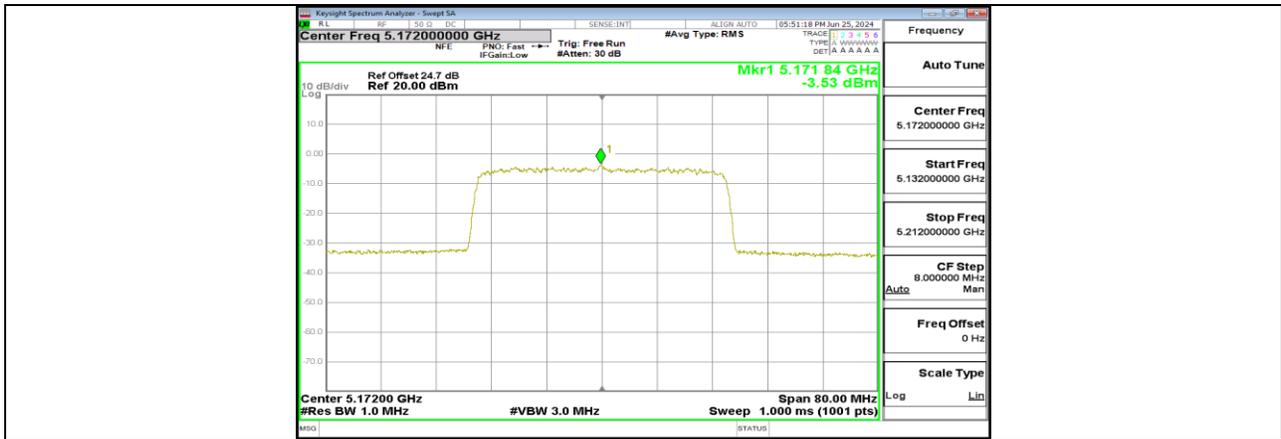
SRD 40MHz\_Ant0\_5171



SRD 40MHz\_Ant1\_5171



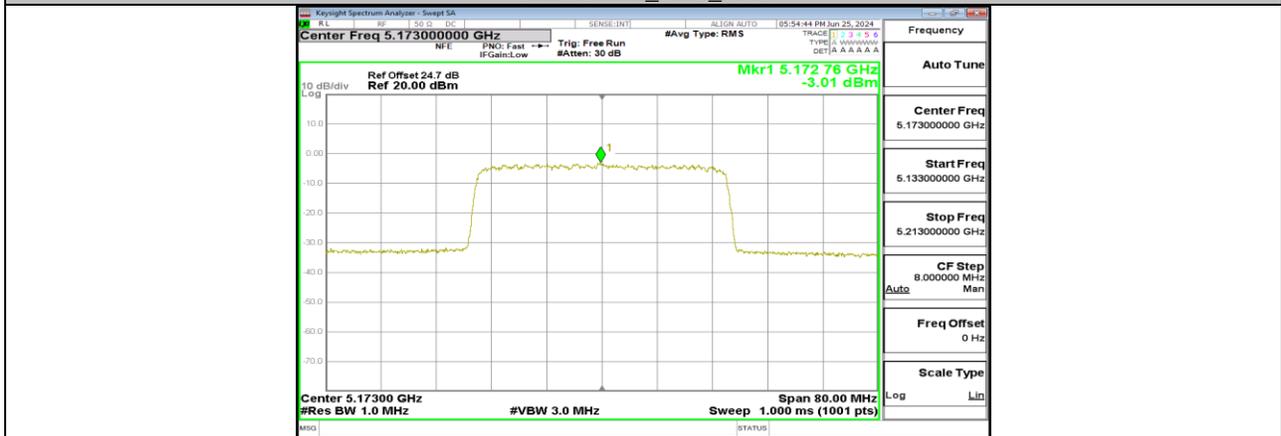
SRD 40MHz\_Ant0\_5172



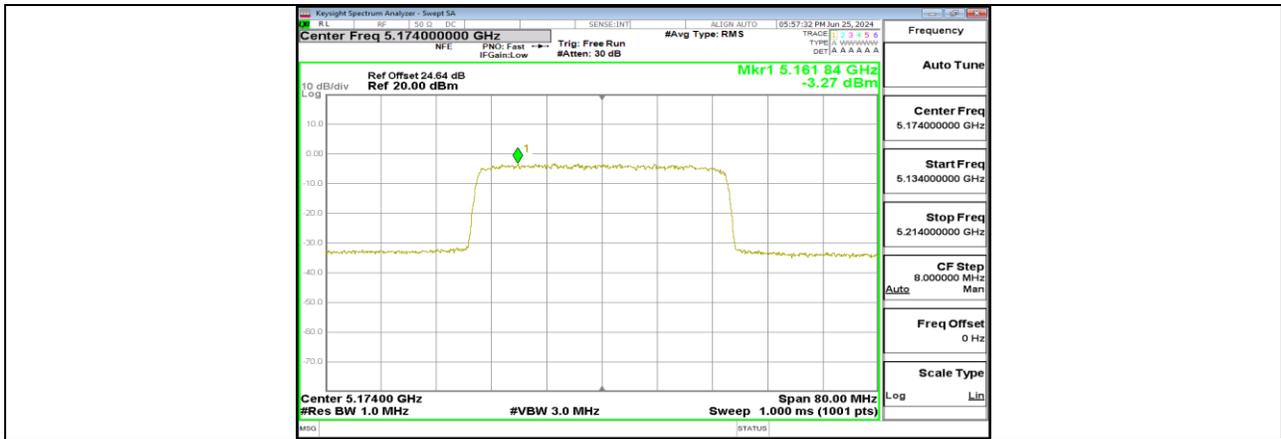
SRD 40MHz\_Ant1\_5172



SRD 40MHz\_Ant0\_5173



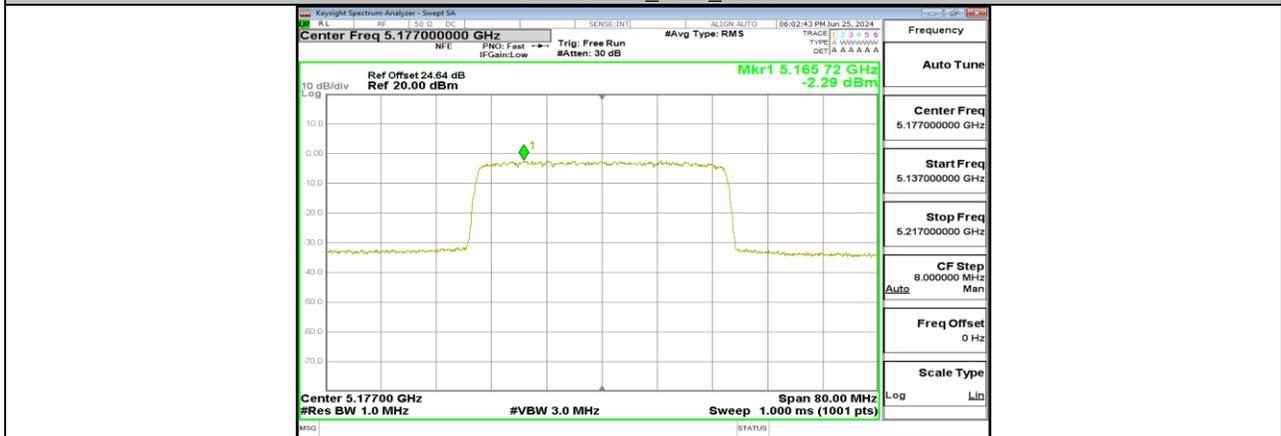
SRD 40MHz\_Ant1\_5173



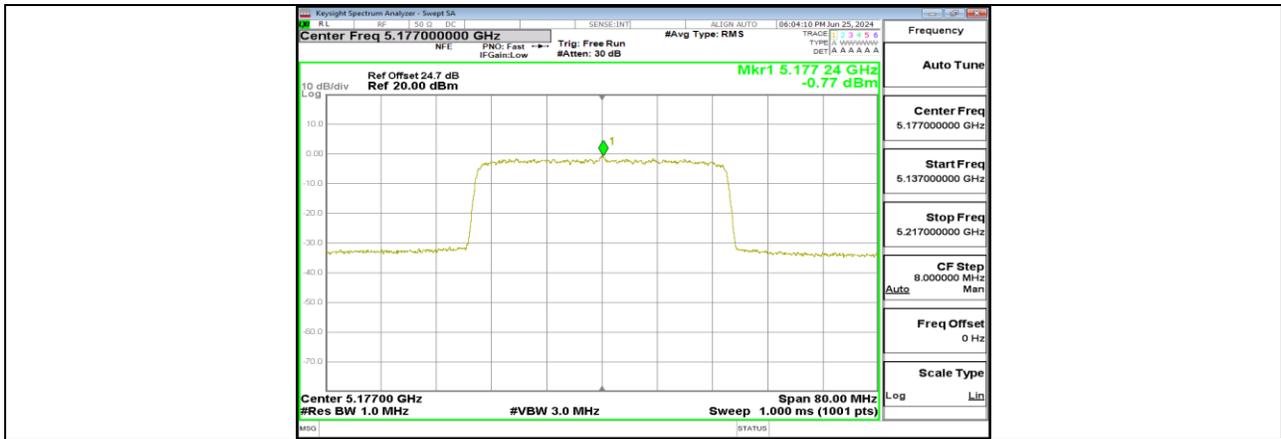
SRD 40MHz\_Ant0\_5174



SRD 40MHz\_Ant1\_5174



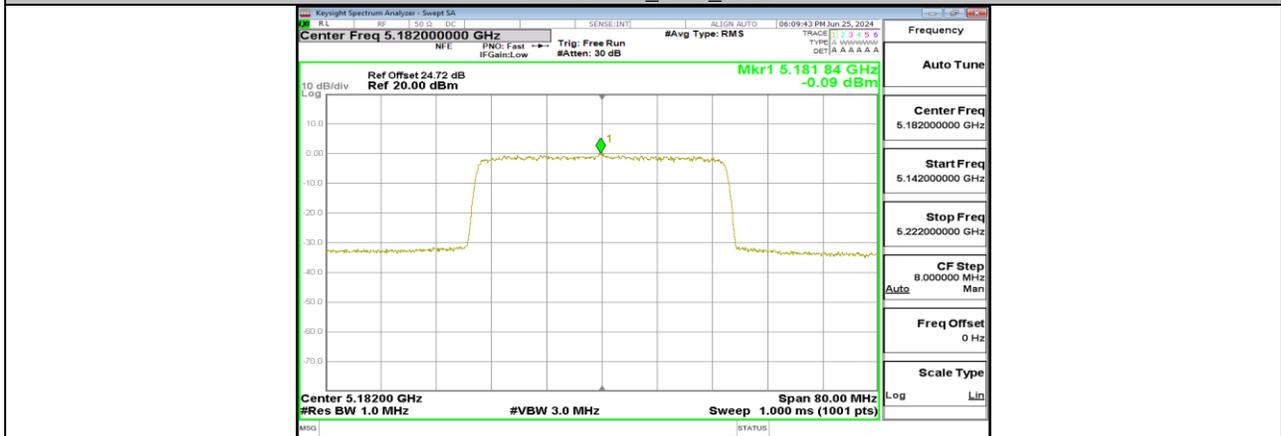
SRD 40MHz\_Ant0\_5177



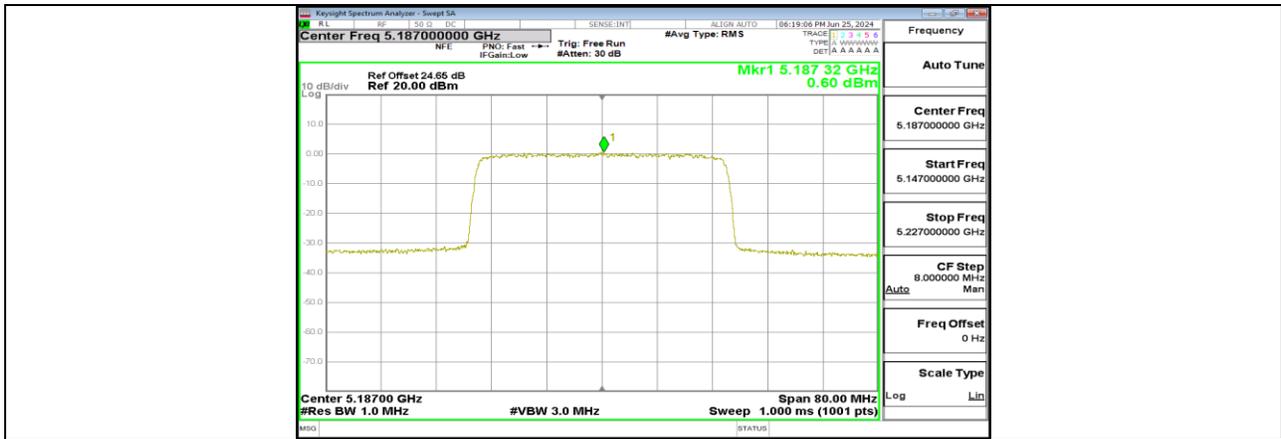
SRD 40MHz\_Ant1\_5177



SRD 40MHz\_Ant0\_5182



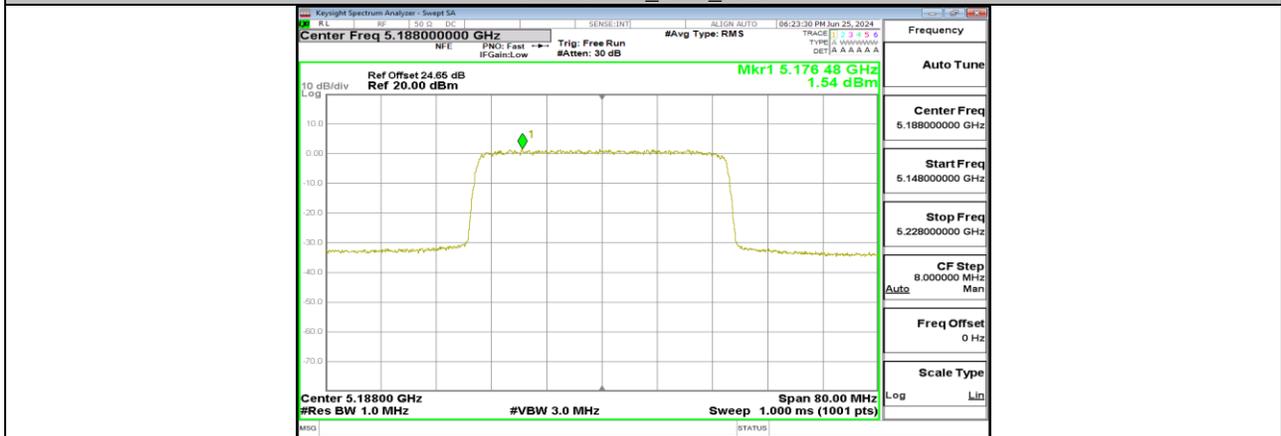
SRD 40MHz\_Ant1\_5182



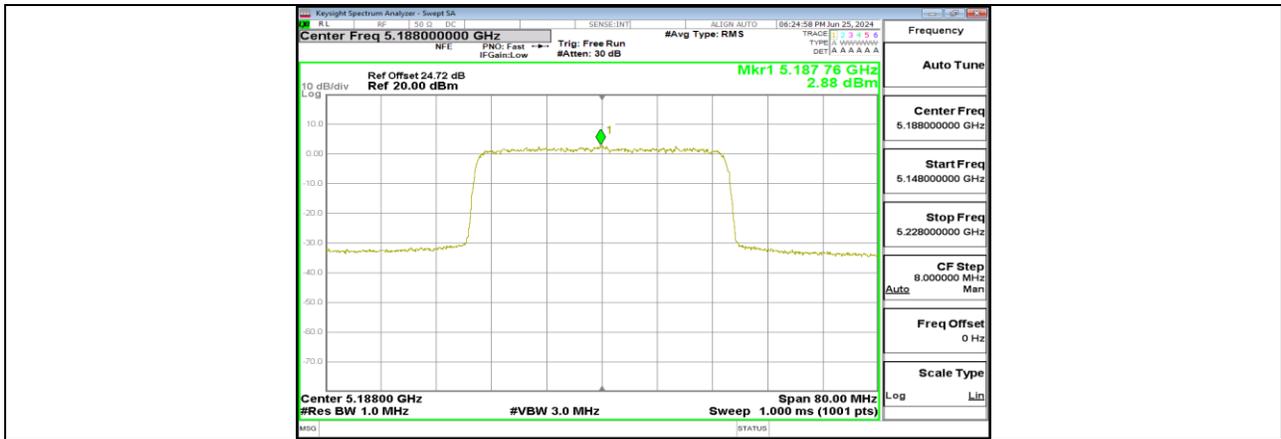
SRD 40MHz\_Ant0\_5187



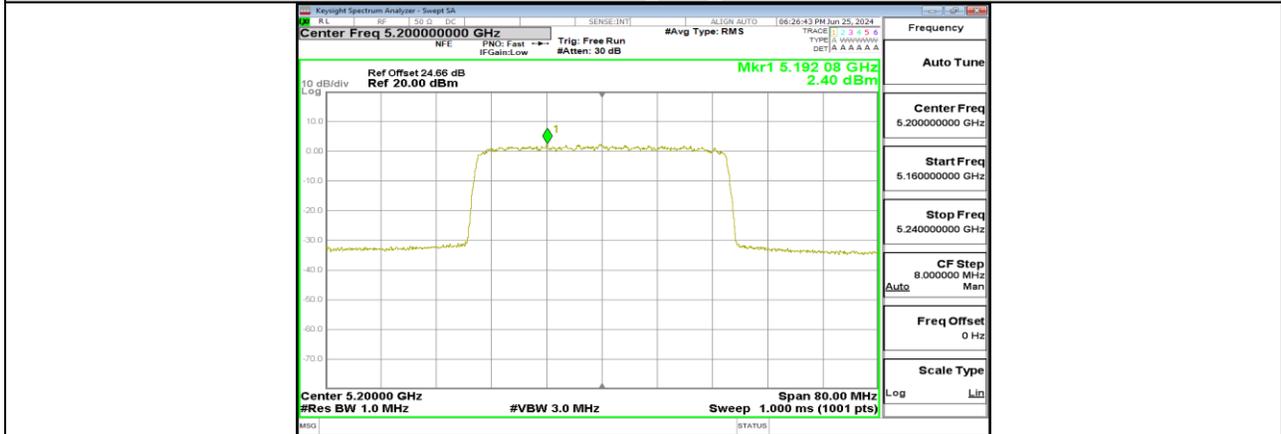
SRD 40MHz\_Ant1\_5187



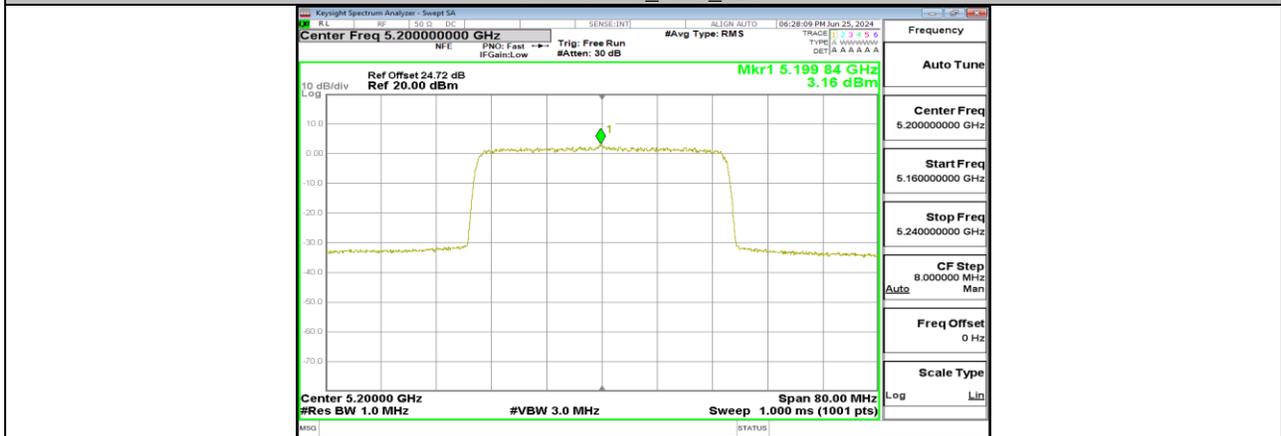
SRD 40MHz\_Ant0\_5188



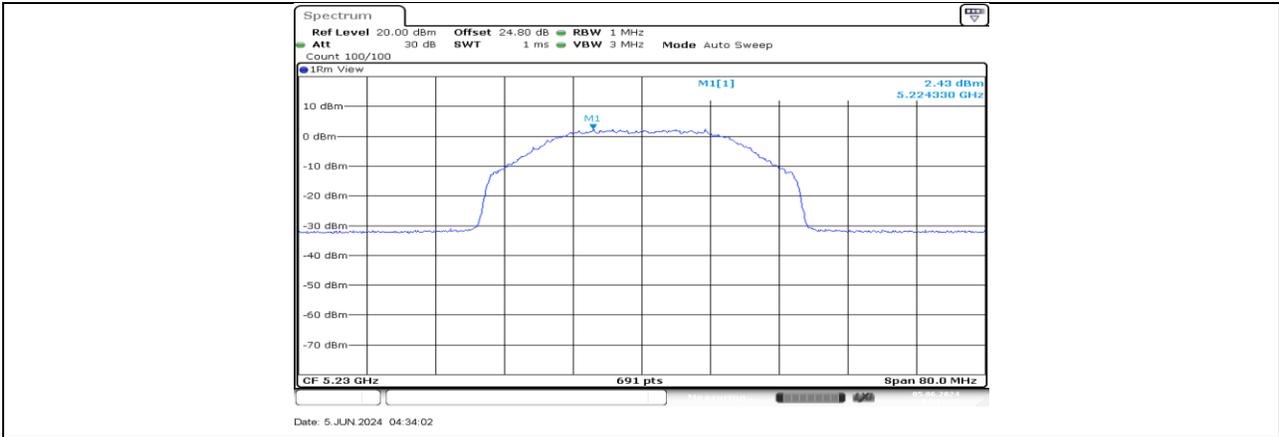
SRD 40MHz\_Ant1\_5188



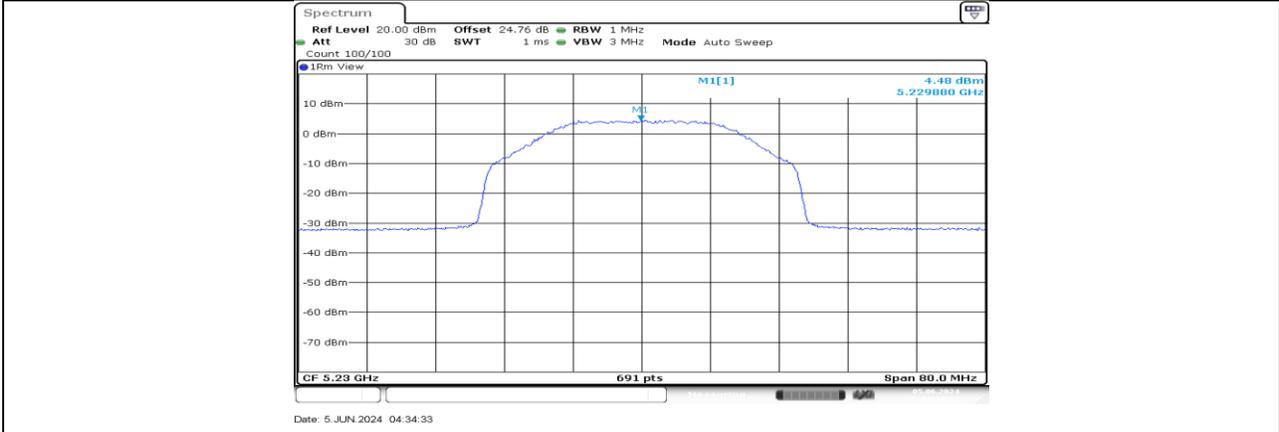
SRD 40MHz\_Ant0\_5200



SRD 40MHz\_Ant1\_5200



SRD 40MHz\_Ant0\_5230



SRD 40MHz\_Ant1\_5230



SRD 40MHz\_Ant0\_5745.5



SRD 40MHz\_Ant1\_5745.5



SRD 40MHz\_Ant0\_5787.5



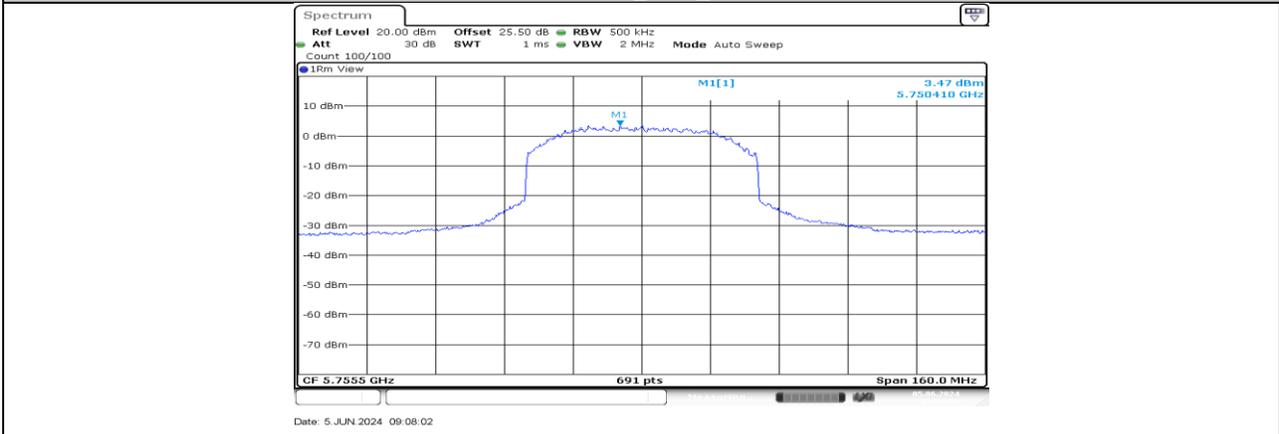
SRD 40MHz\_Ant1\_5787.5



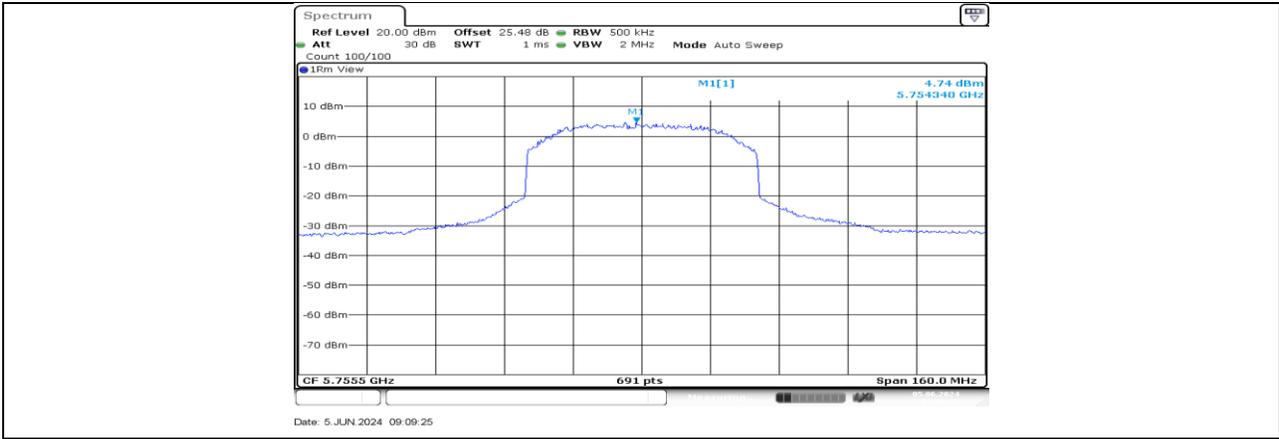
SRD 40MHz\_Ant0\_5829.5



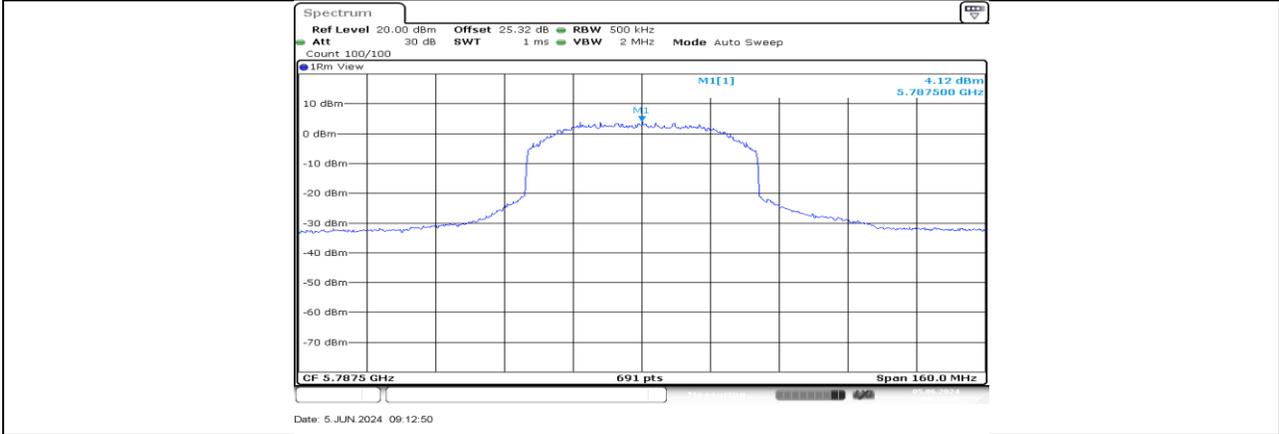
SRD 40MHz\_Ant1\_5829.5



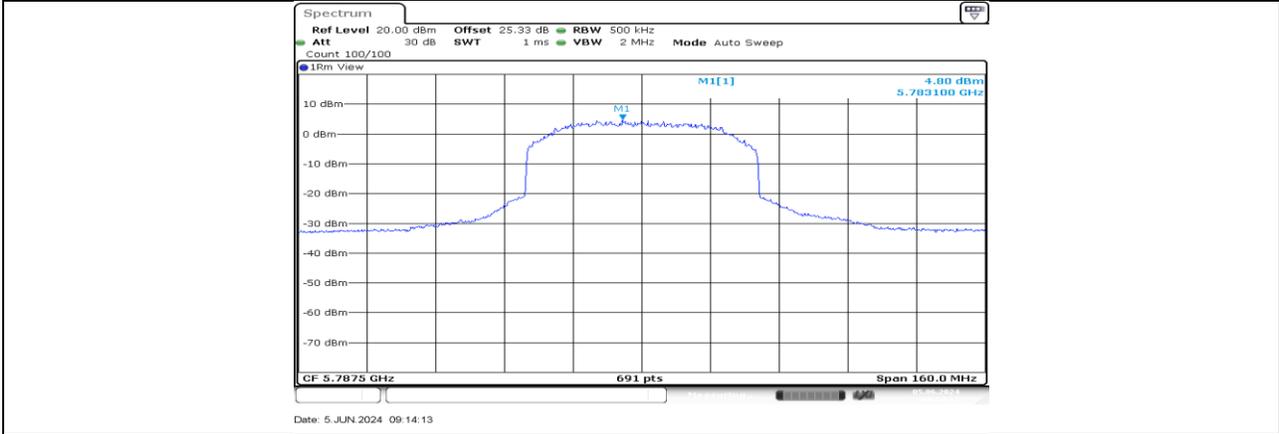
SRD 60MHz\_Ant0\_5755.5



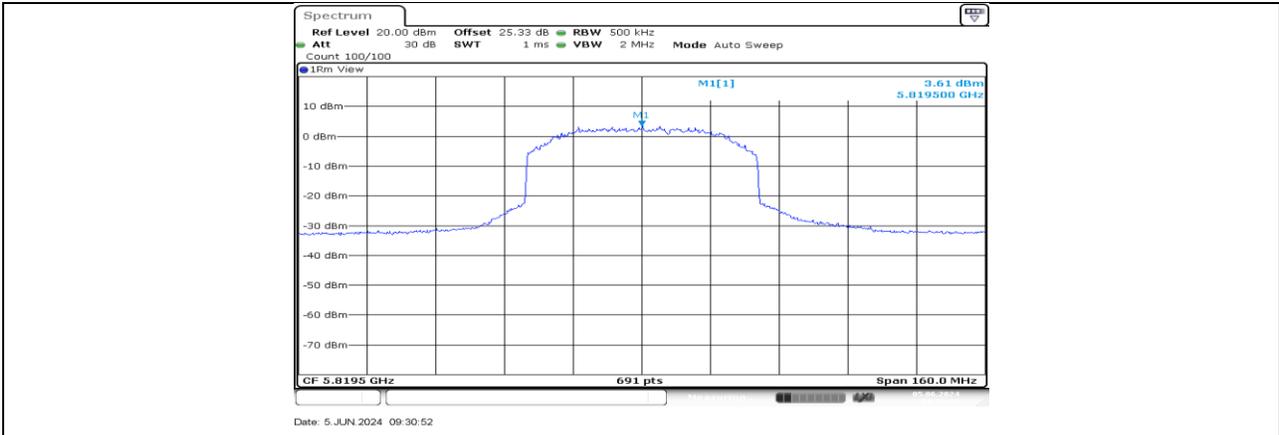
SRD 60MHz\_Ant1\_5755.5



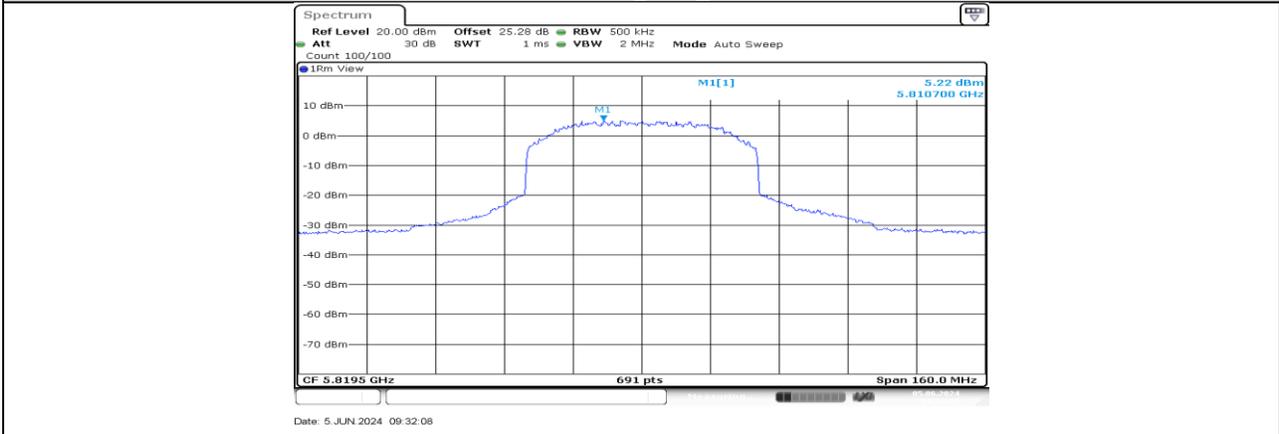
SRD 60MHz\_Ant0\_5787.5



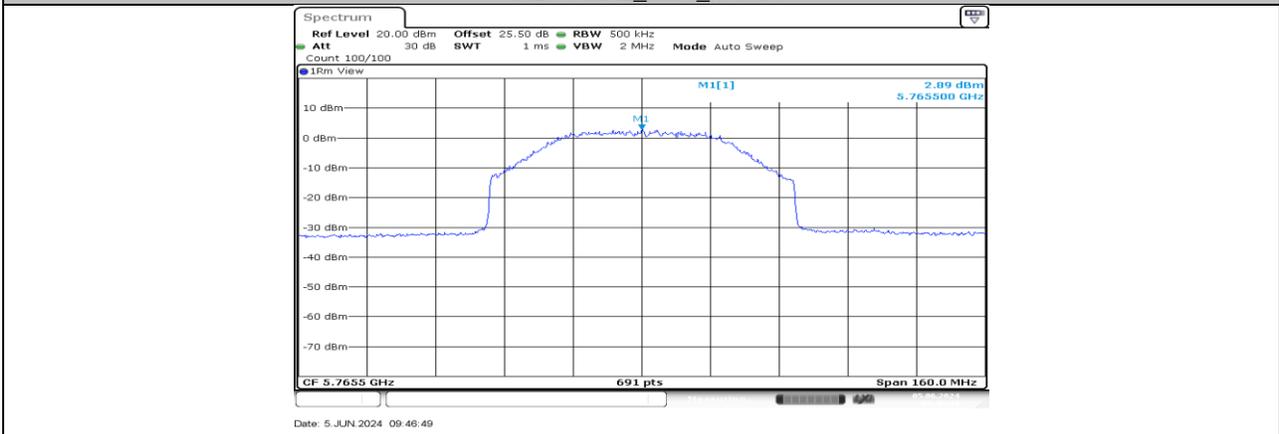
SRD 60MHz\_Ant1\_5787.5



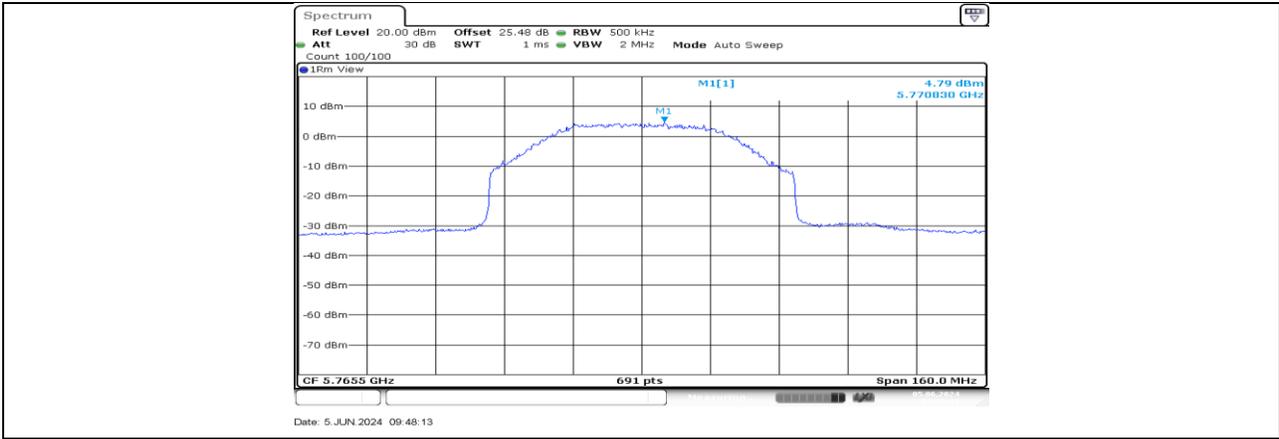
SRD 60MHz\_Ant0\_5819.5



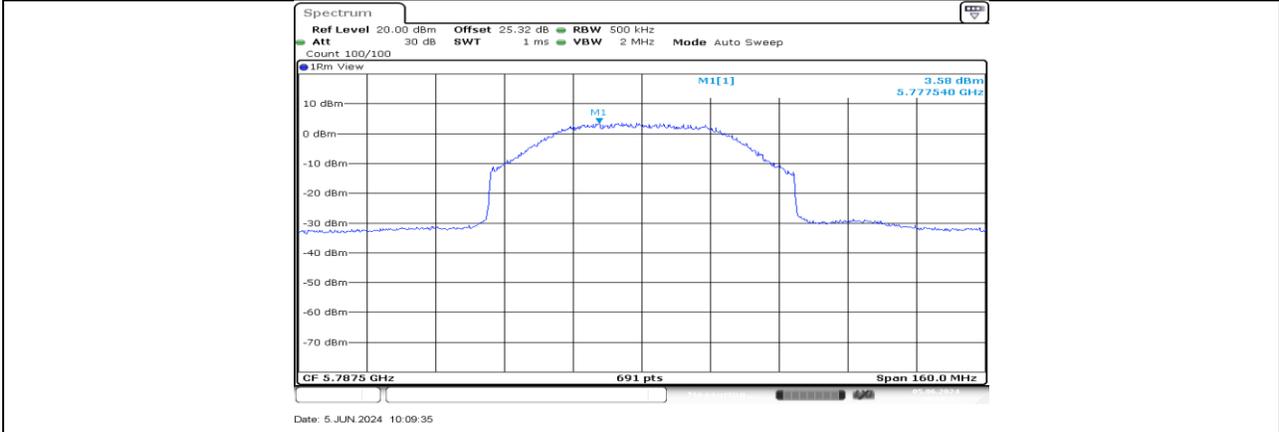
SRD 60MHz\_Ant1\_5819.5



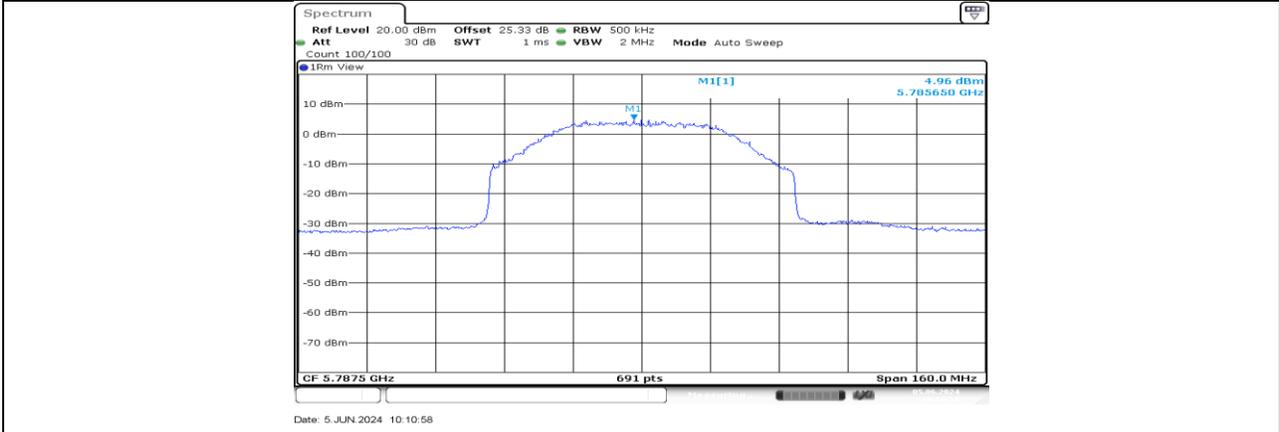
SRD 80MHz\_Ant0\_5765.5



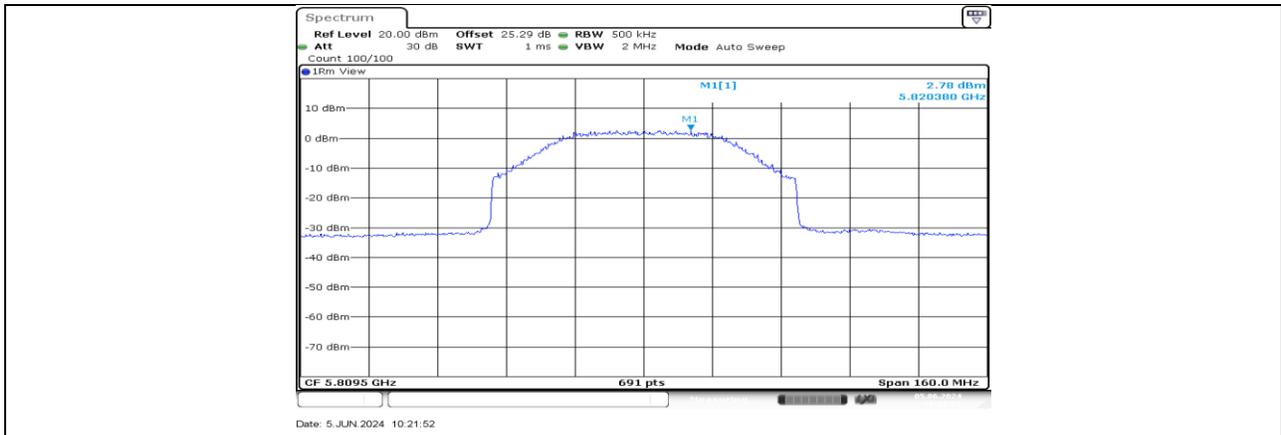
SRD 80MHz\_Ant1\_5765.5



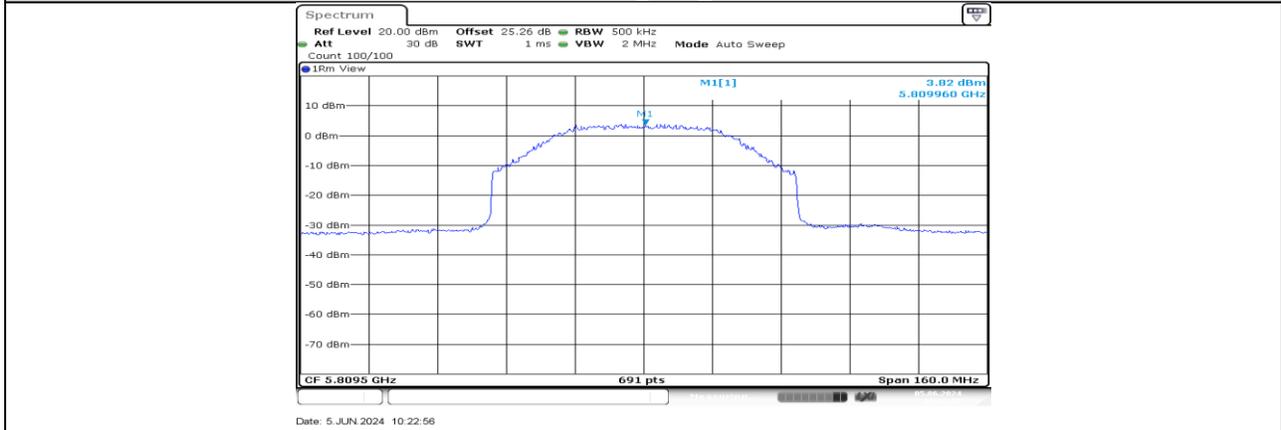
SRD 80MHz\_Ant0\_5787.5



SRD 80MHz\_Ant1\_5787.5



SRD 80MHz\_Ant0\_5809.5



SRD 80MHz\_Ant1\_5809.5

**10.6. APPENDIX I: FREQUENCY STABILITY**  
**10.6.1. Test Result**

Frequency Error vs. Voltage									
SRD 20 MHz: 5787.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)						
TN	VL	5787.4796	-3.52	5787.4874	-2.17	5787.4864	-2.35	5787.5102	1.76
TN	VN	5787.5209	3.61	5787.5249	4.30	5787.4805	-3.37	5787.5217	3.75
TN	VH	5787.4820	-3.11	5787.5164	2.84	5787.4969	-0.54	5787.5006	0.10
Frequency Error vs. Temperature									
SRD 20 MHz: 5787.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)						
40	VN	5787.4870	-2.25	5787.5083	1.43	5787.5216	3.73	5787.5171	2.96
30	VN	5787.5021	0.37	5787.5136	2.35	5787.4847	-2.65	5787.4774	-3.90
20	VN	5787.4936	-1.11	5787.4899	-1.75	5787.5005	0.08	5787.5206	3.55
10	VN	5787.5026	0.45	5787.4768	-4.01	5787.4930	-1.20	5787.5158	2.73
0	VN	5787.4878	-2.11	5787.4862	-2.38	5787.5061	1.05	5787.4833	-2.88
-10	VN	5787.4995	-0.09	5787.4837	-2.81	5787.4896	-1.79	5787.5161	2.79

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

## 10.7. APPENDIX J: 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 10MHz	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 20MHz	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 40MHz	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 60MHz	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 80MHz	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note: All modes and antennas had been tested, but only the worst data was recorded in the report.

Note:

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

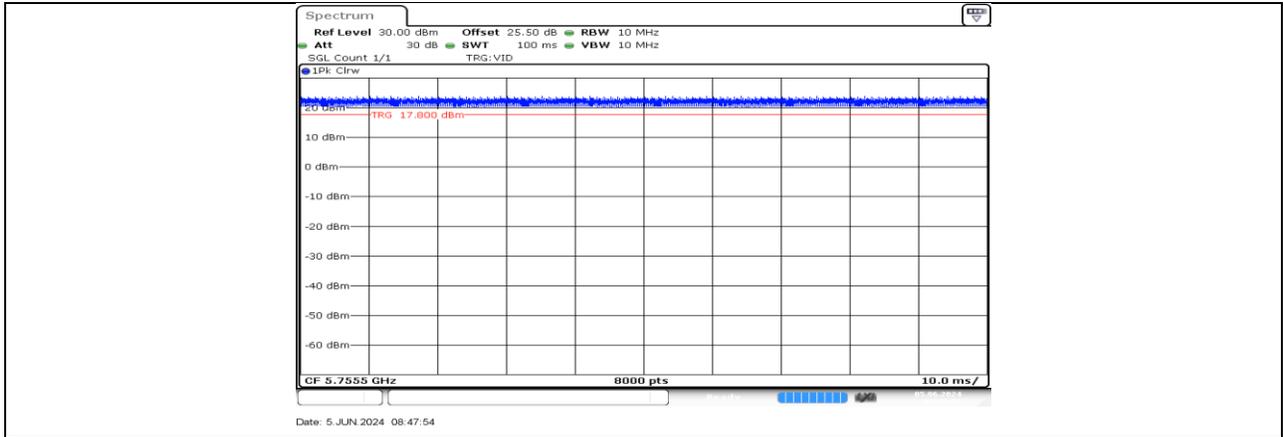
Where: x is Duty Cycle (Linear)

Where: T is On Time

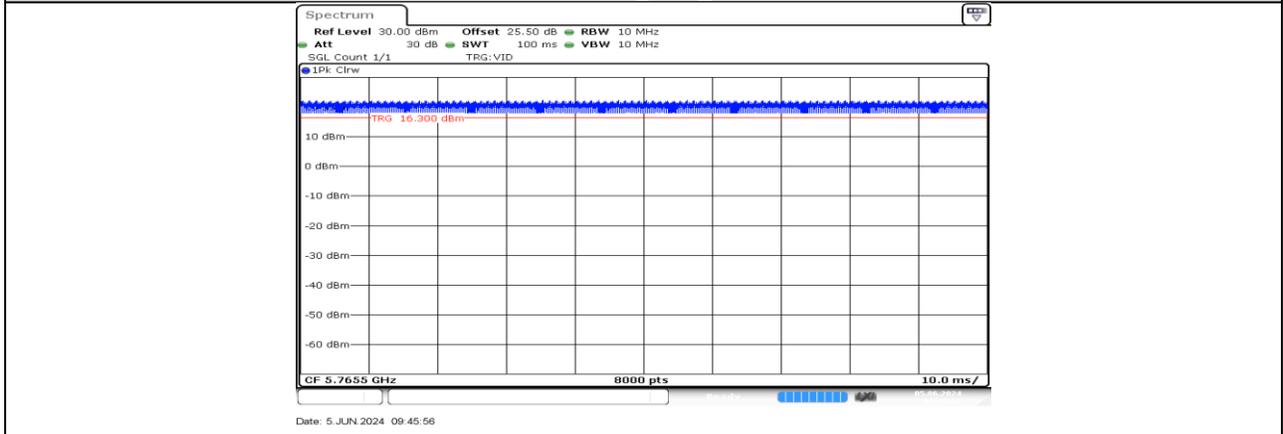
If that calculated VBW is not available on the analyzer then the next higher value should be used.

### 10.7.2. Test Graphs





SRD 60MHz\_Ant0\_5755.5



SRD 80MHz\_Ant0\_5765.5

**END OF REPORT**