

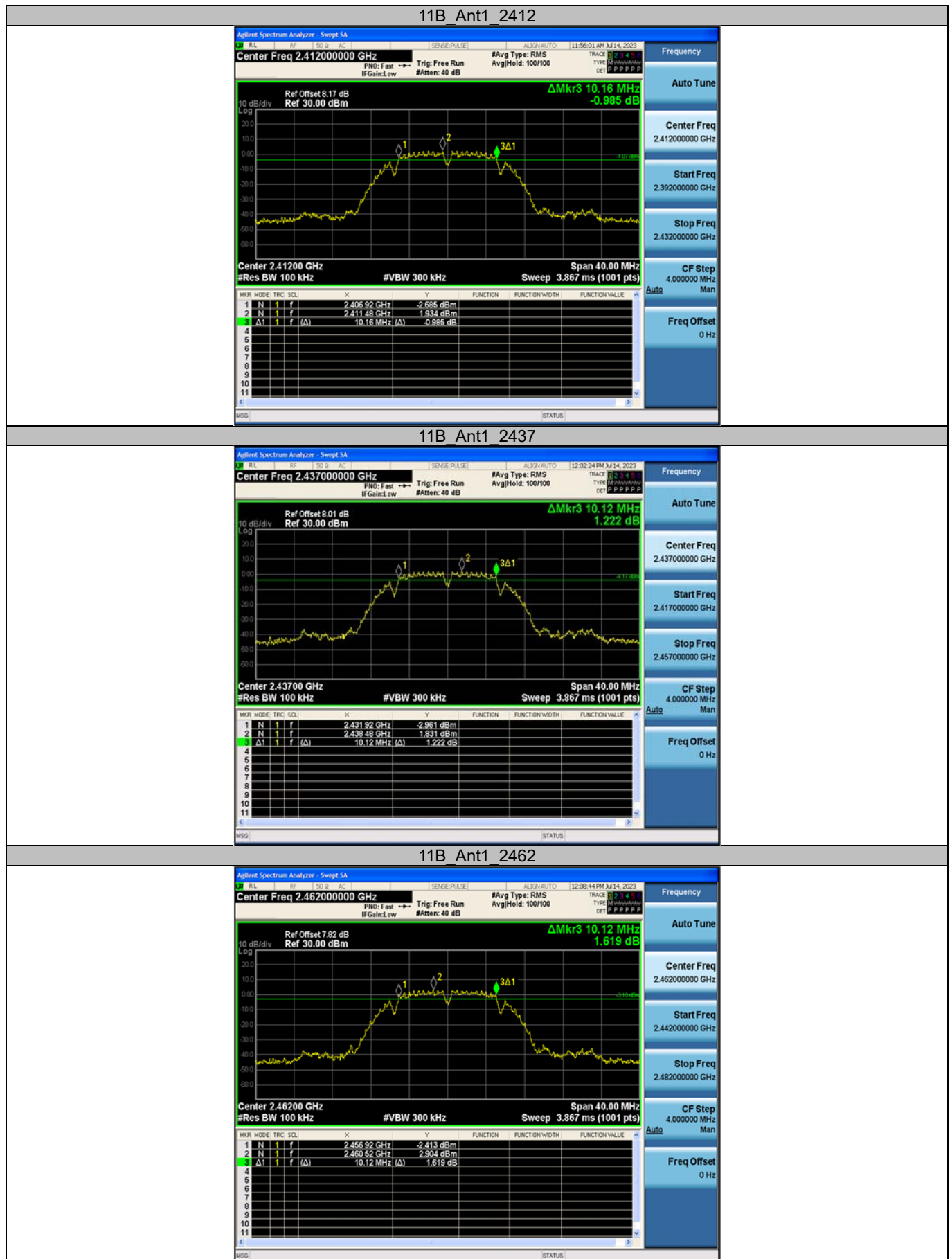
# Appendix

## Appendix A: DTS Bandwidth

### Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	10.160	0.5	PASS
		2437	10.120	0.5	PASS
		2462	10.120	0.5	PASS
11G	Ant1	2412	16.040	0.5	PASS
		2437	16.320	0.5	PASS
		2462	16.320	0.5	PASS
11N20SISO	Ant1	2412	16.400	0.5	PASS
		2437	16.560	0.5	PASS
		2462	16.240	0.5	PASS

## Test Graphs



## 11G Ant1 2412



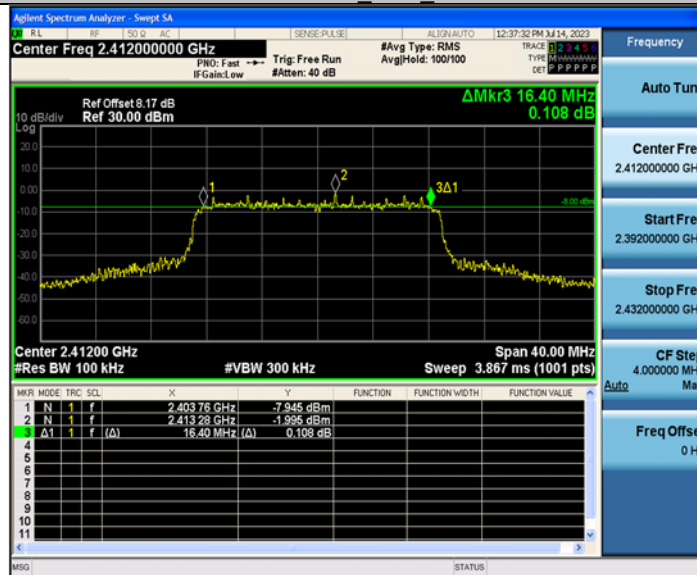
## 11G Ant1 2437



## 11G Ant1 2462



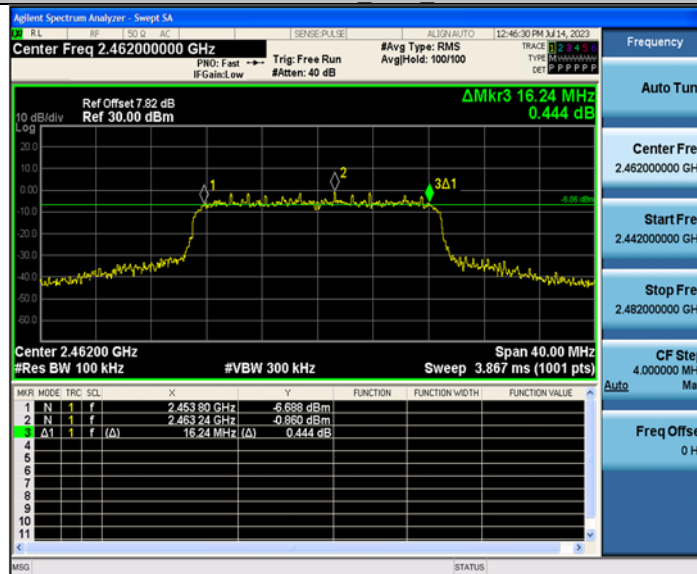
## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2437



## 11N20SISO\_Ant1\_2462



## Appendix B: Maximum conducted output power

### Test Result Peak

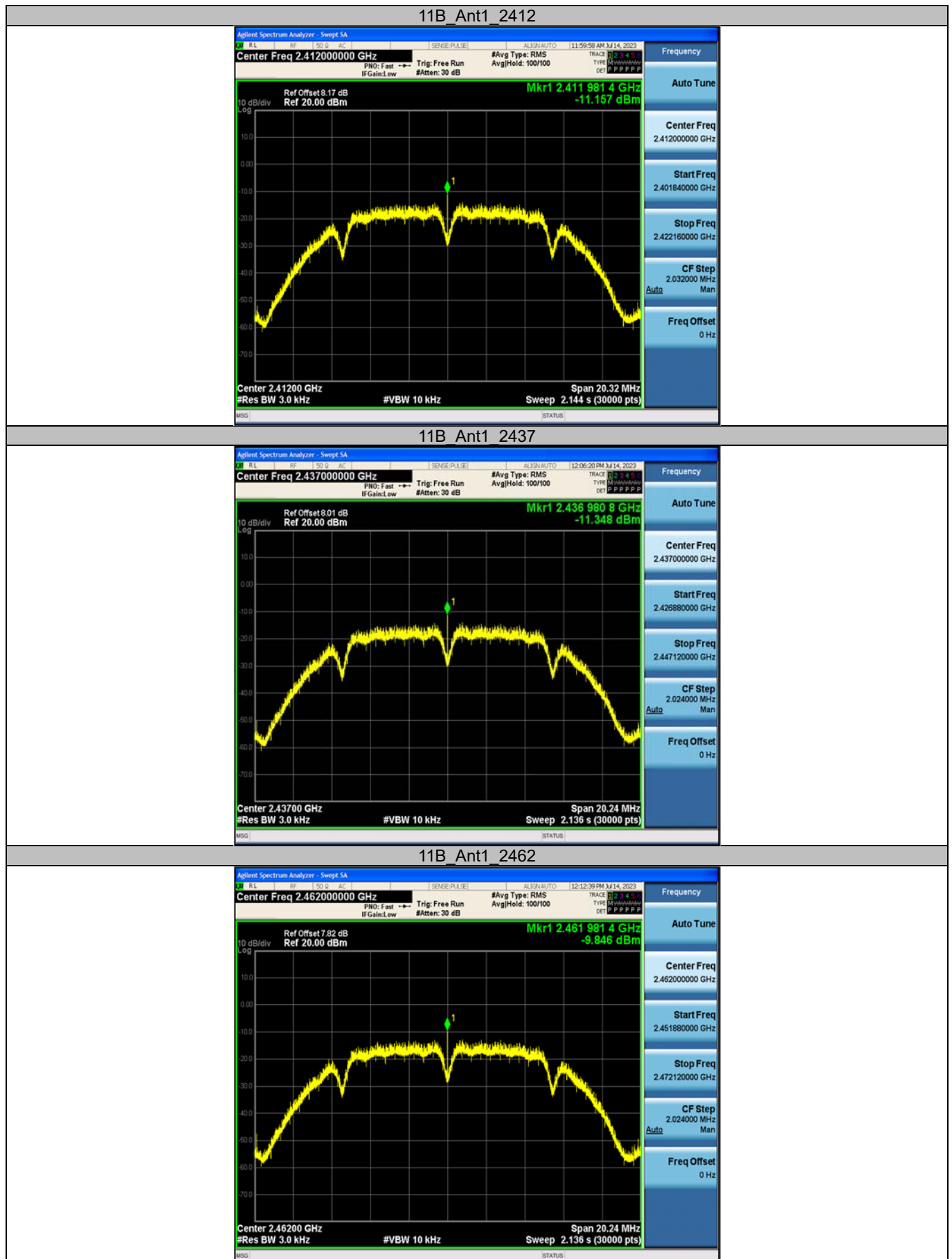
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	15.34	≤30.00	PASS
		2437	15.20	≤30.00	PASS
		2462	16.66	≤30.00	PASS
11G	Ant1	2412	15.66	≤30.00	PASS
		2437	15.80	≤30.00	PASS
		2462	16.84	≤30.00	PASS
11N20SISO	Ant1	2412	16.23	≤30.00	PASS
		2437	16.10	≤30.00	PASS
		2462	17.13	≤30.00	PASS

## Appendix C: Maximum power spectral density

### Test Result

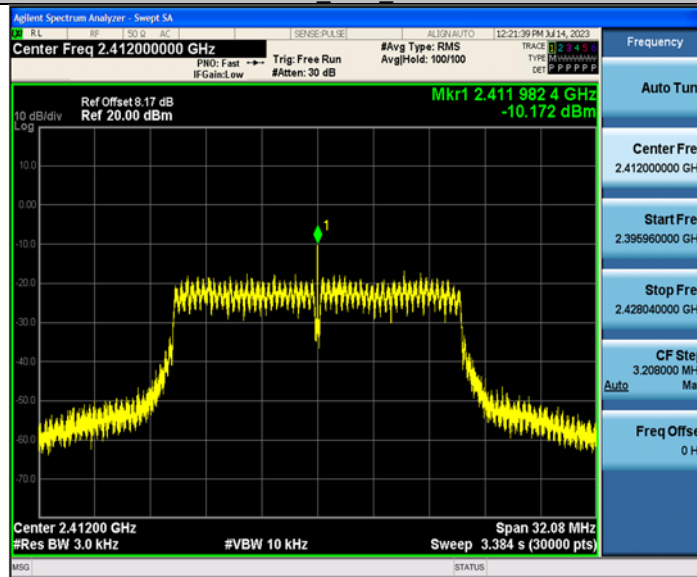
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-11.16	≤8.00	PASS
		2437	-11.35	≤8.00	PASS
		2462	-9.85	≤8.00	PASS
11G	Ant1	2412	-10.17	≤8.00	PASS
		2437	-10.43	≤8.00	PASS
		2462	-9.01	≤8.00	PASS
11N20SISO	Ant1	2412	-9.97	≤8.00	PASS
		2437	-10.21	≤8.00	PASS
		2462	-8.78	≤8.00	PASS

## Test Graphs

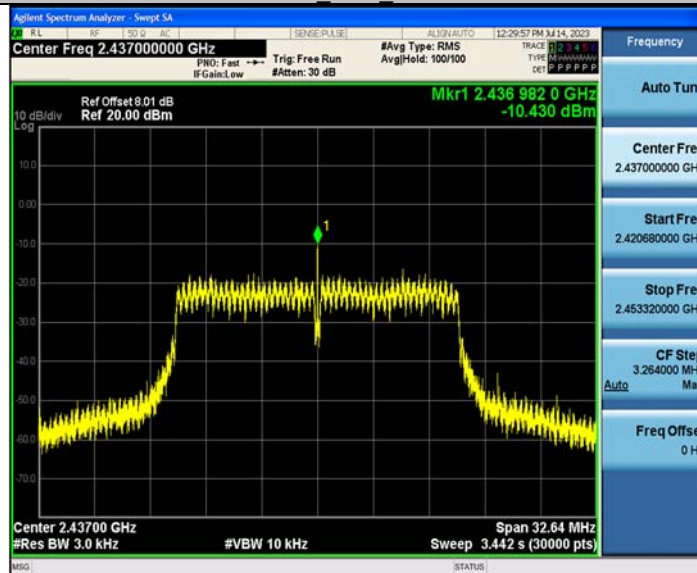




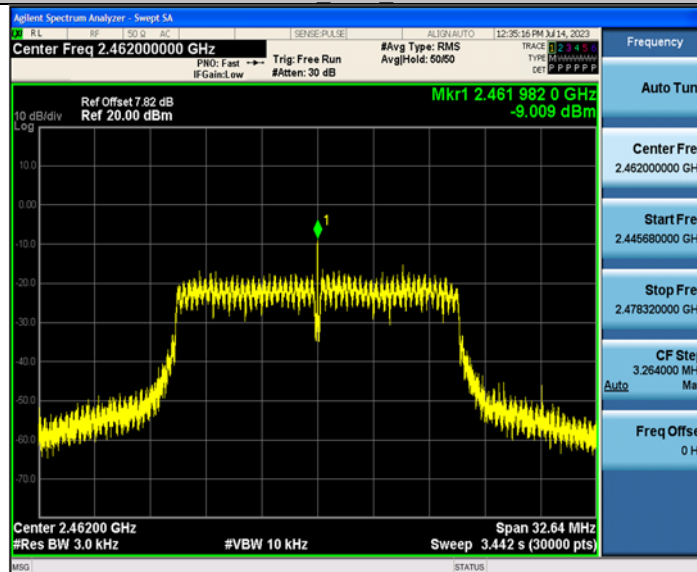
## 11G Ant1 2412



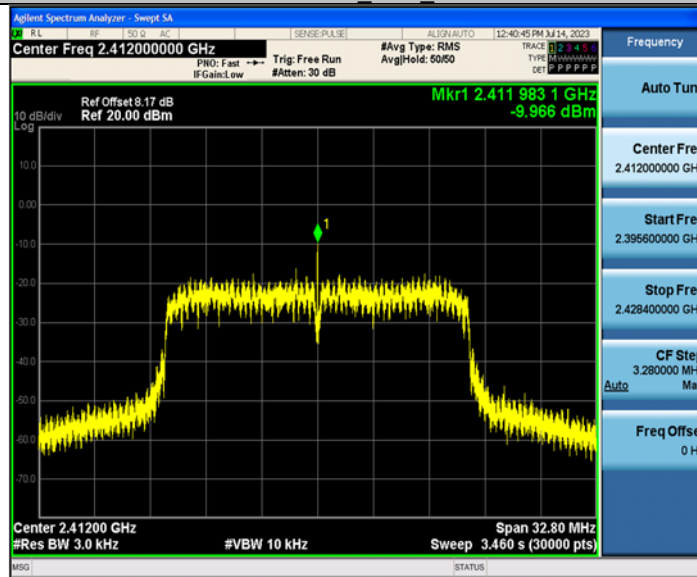
## 11G Ant1 2437



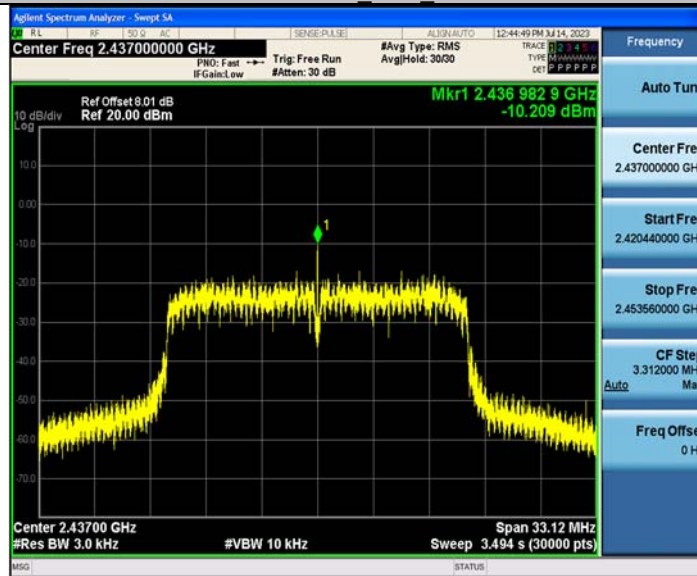
## 11G Ant1 2462



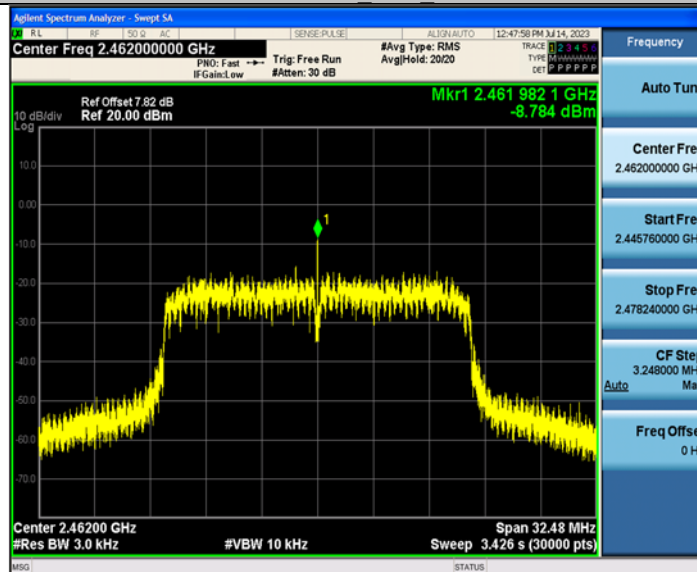
## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2437



## 11N20SISO\_Ant1\_2462



## Appendix D: Band edge measurements

11B Ant1 Low 2412



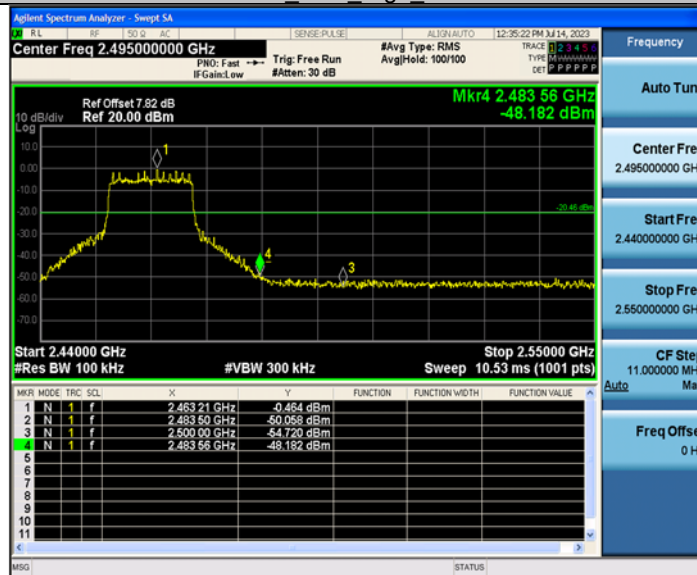
11B Ant1 High 2462



11G Ant1 Low 2412



## 11G Ant1 High 2462



## 11N20SISO Ant1 Low 2412



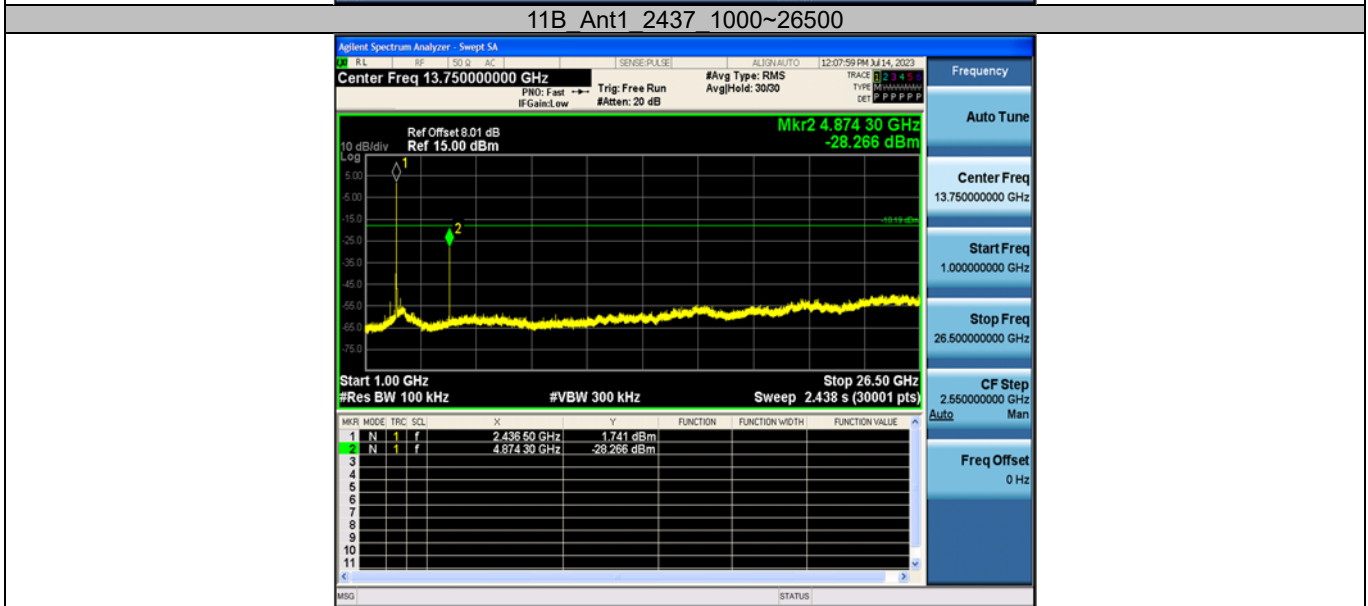
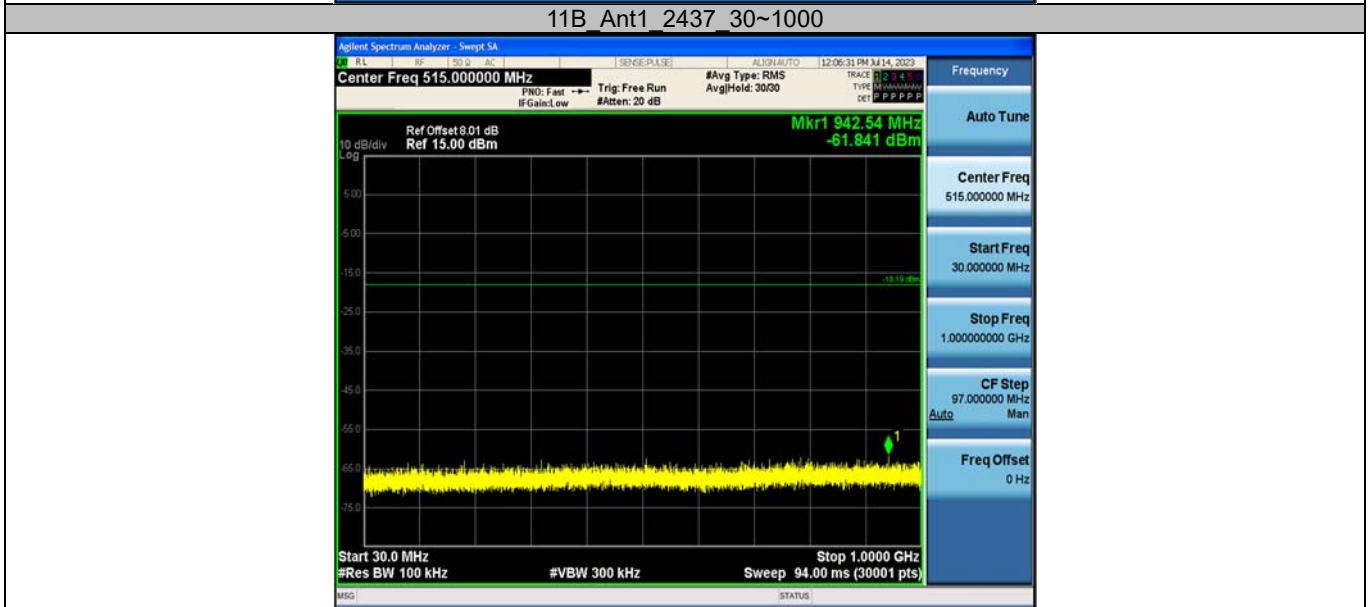
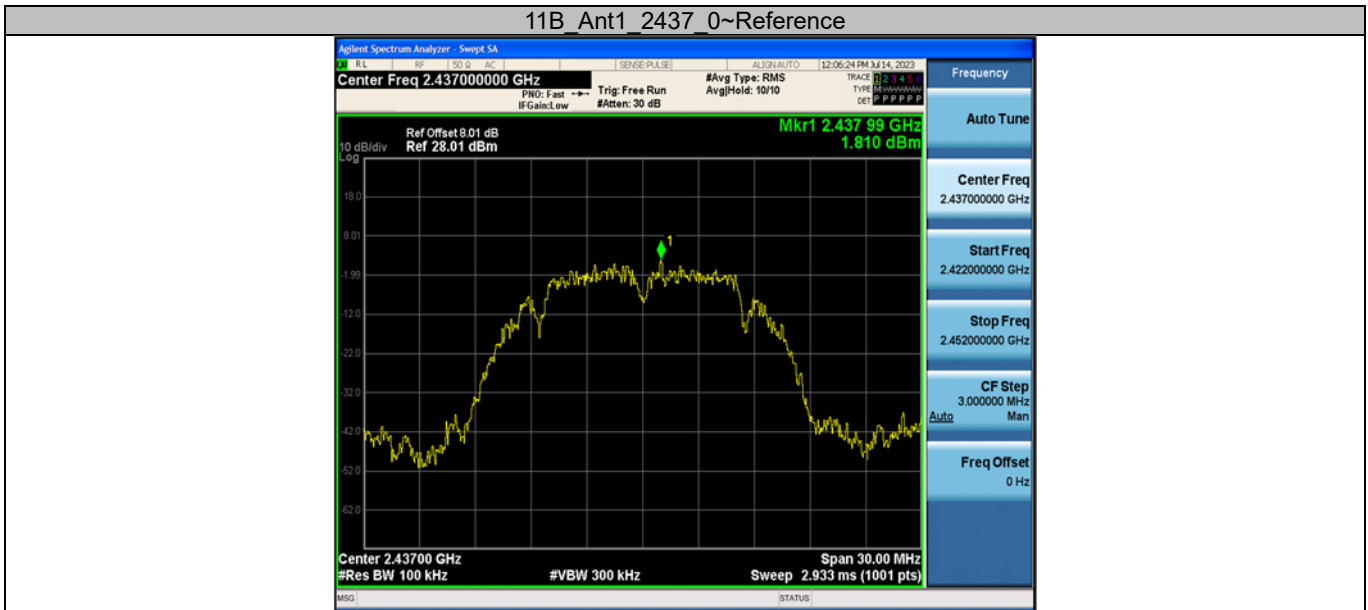
## 11N20SISO Ant1 High 2462

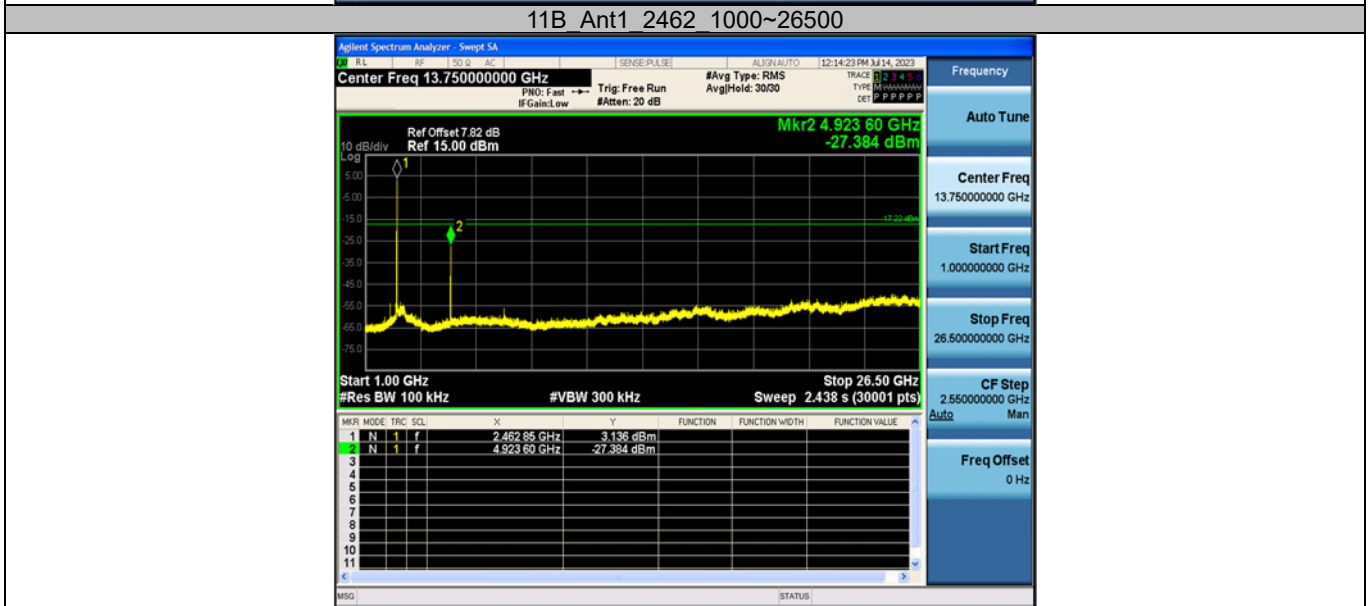
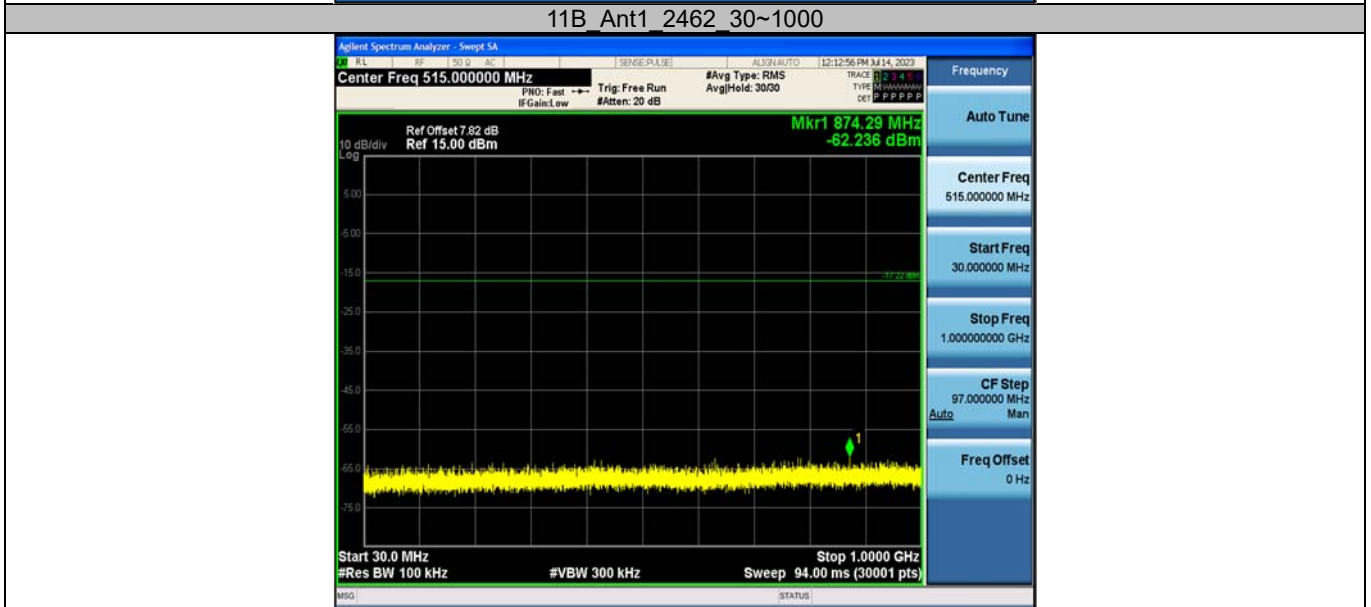
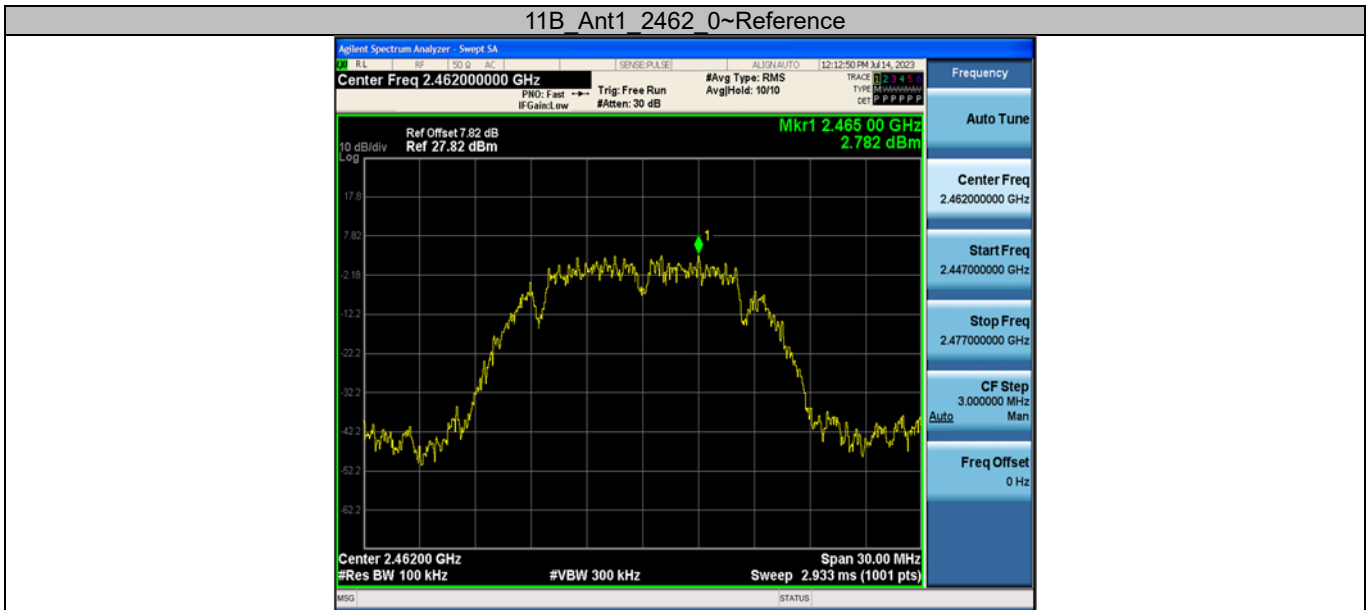


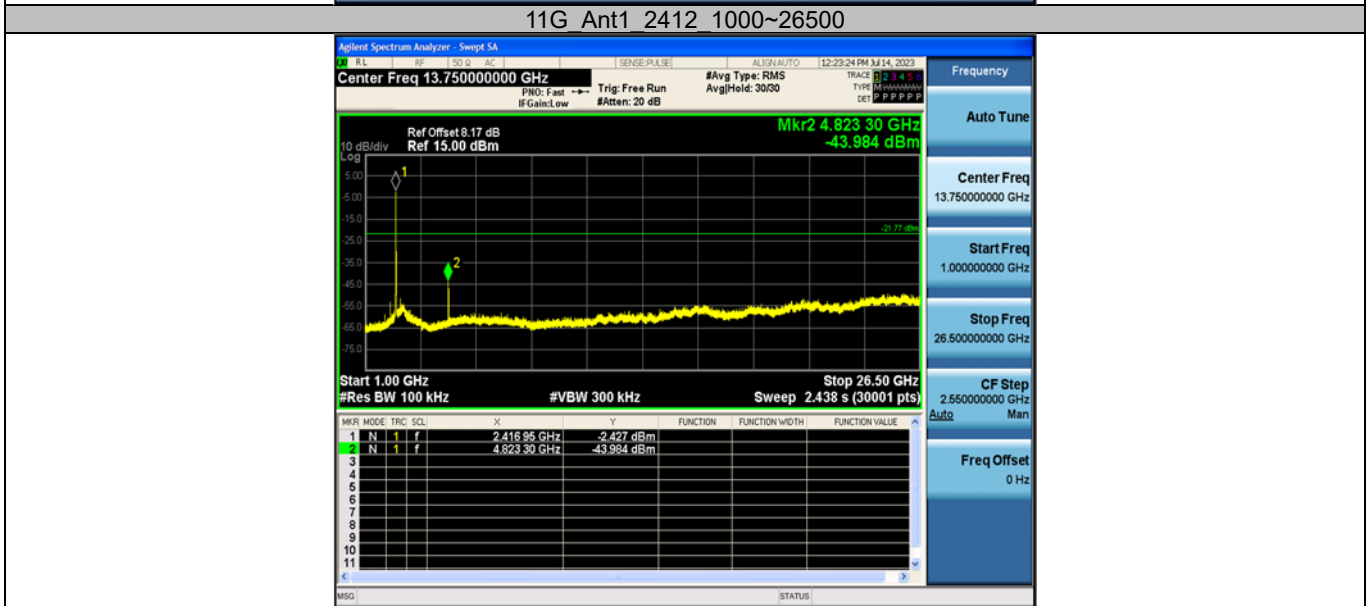
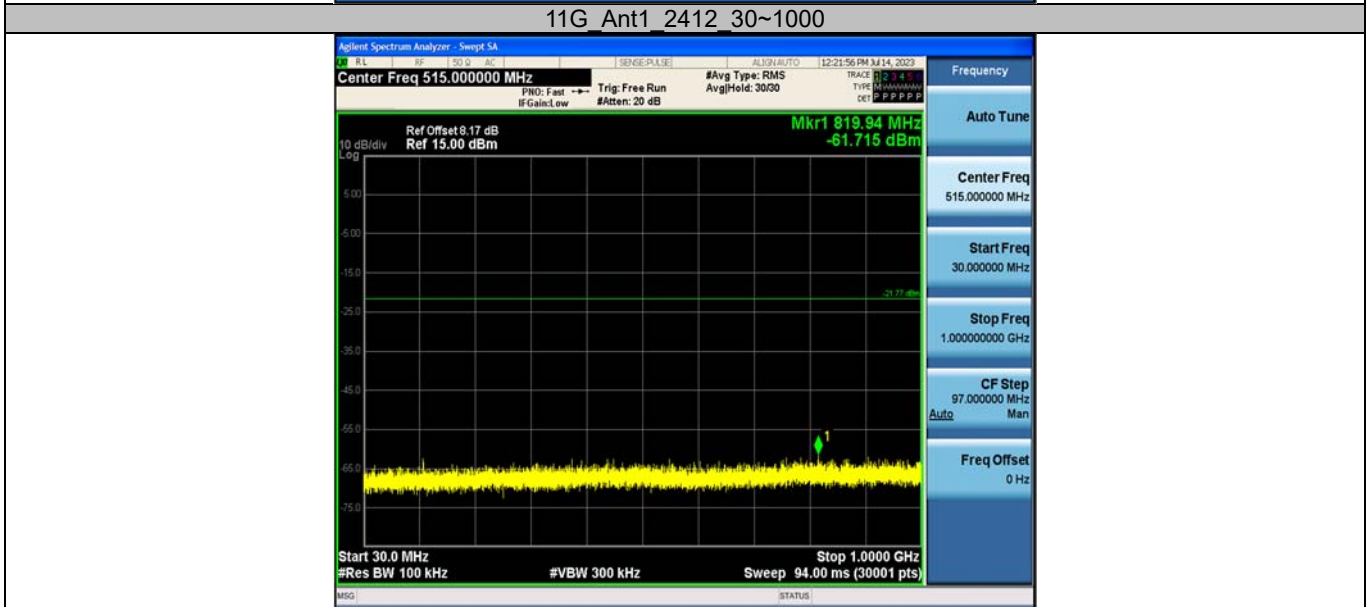
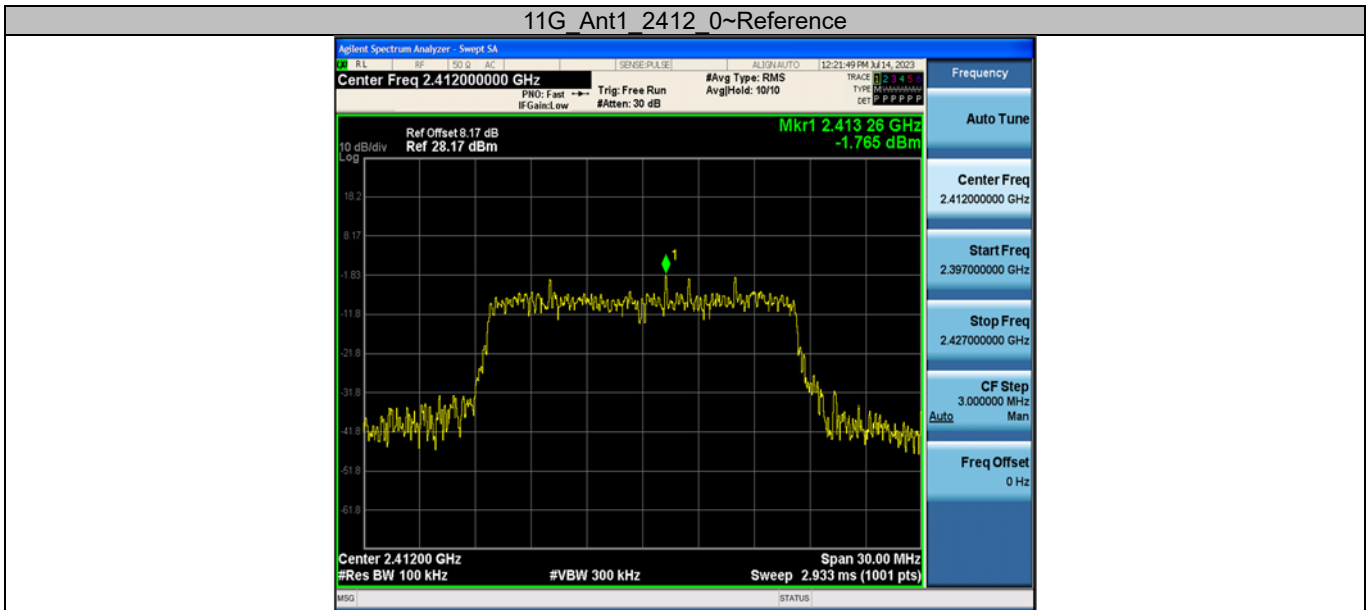


## Appendix E: Conducted Spurious Emission

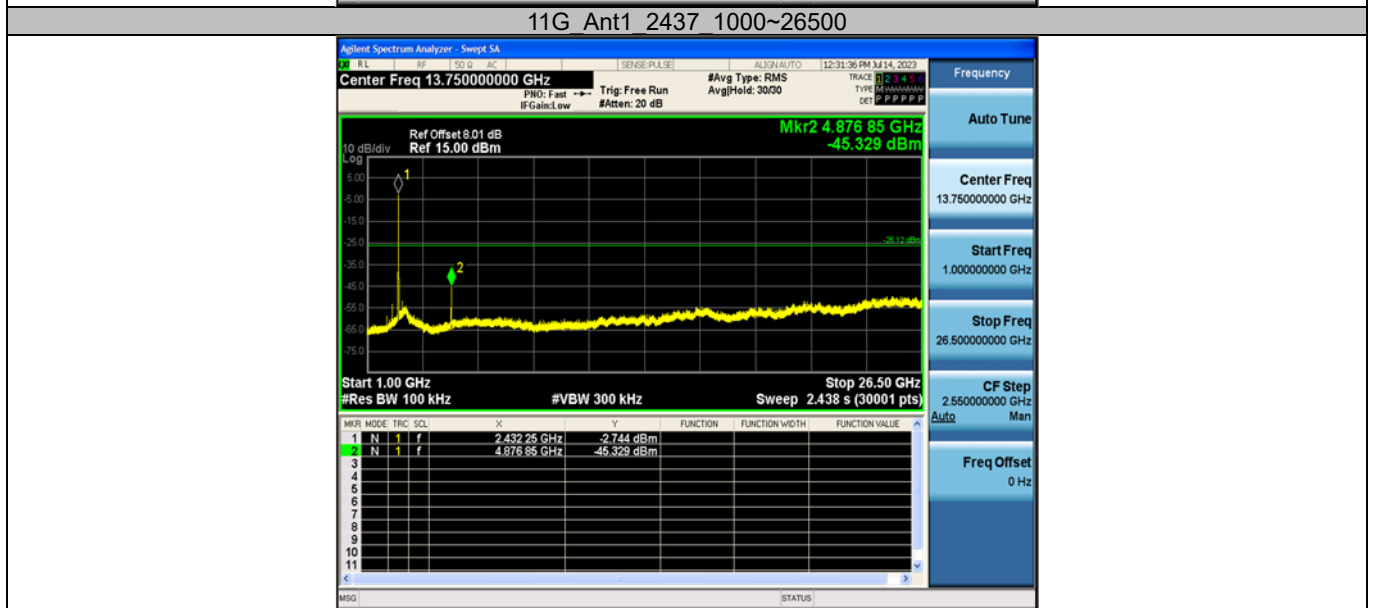
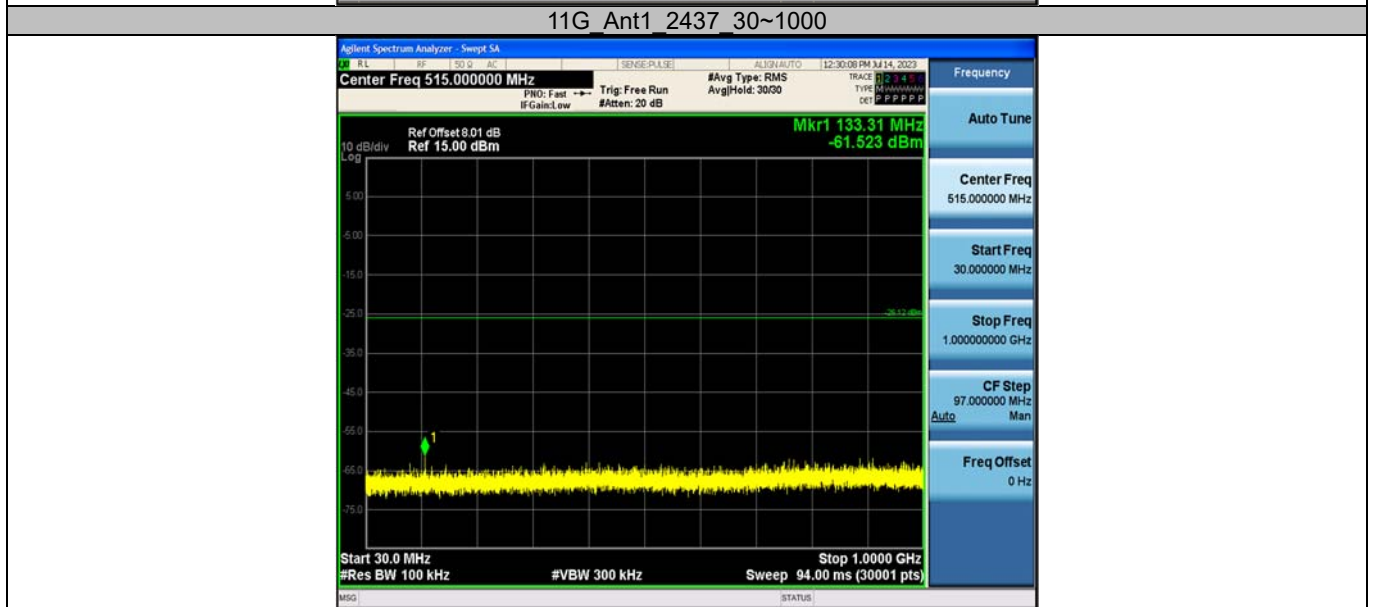
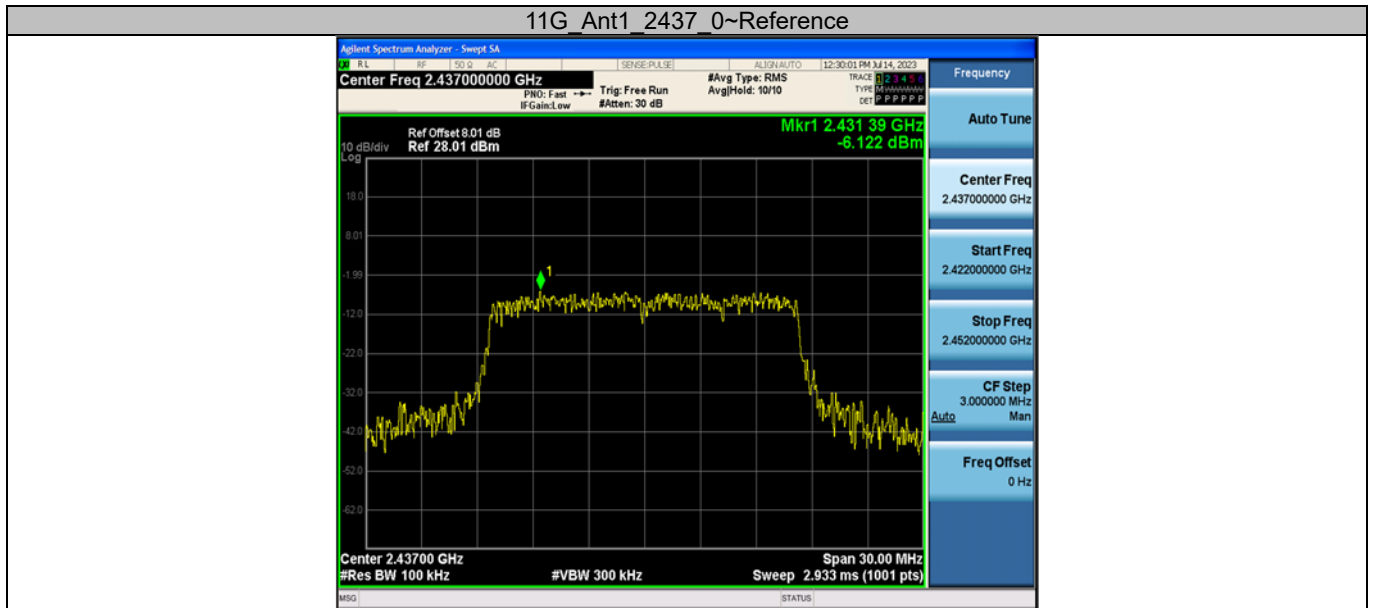


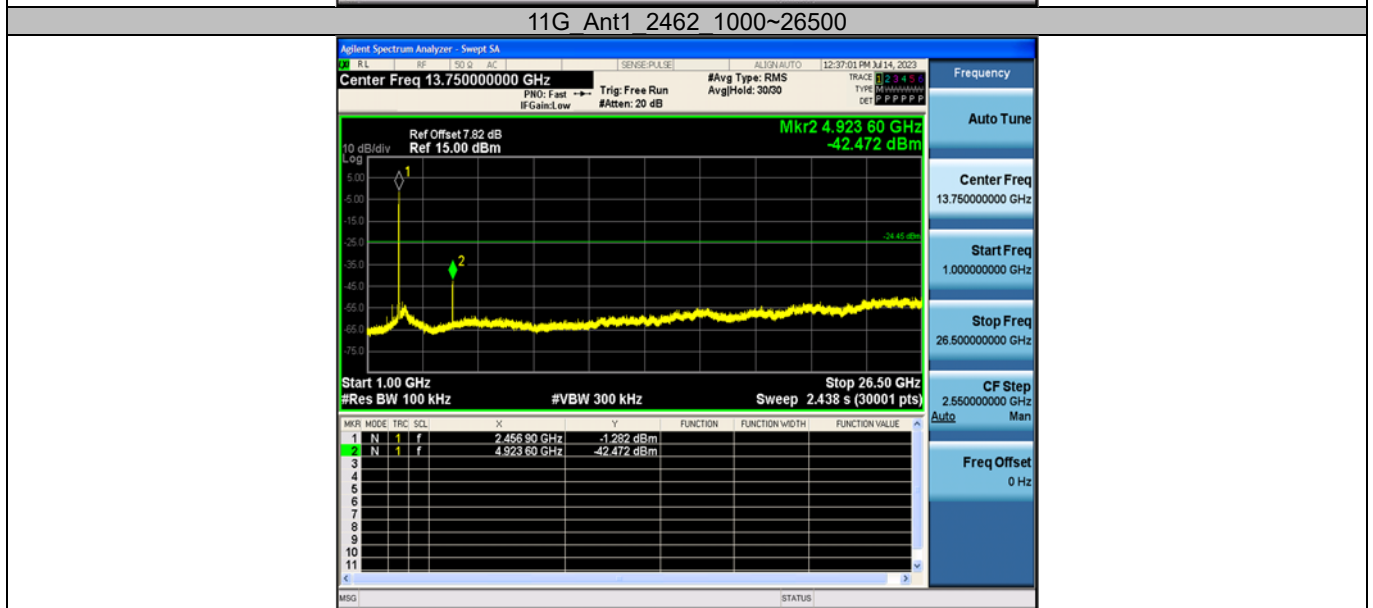
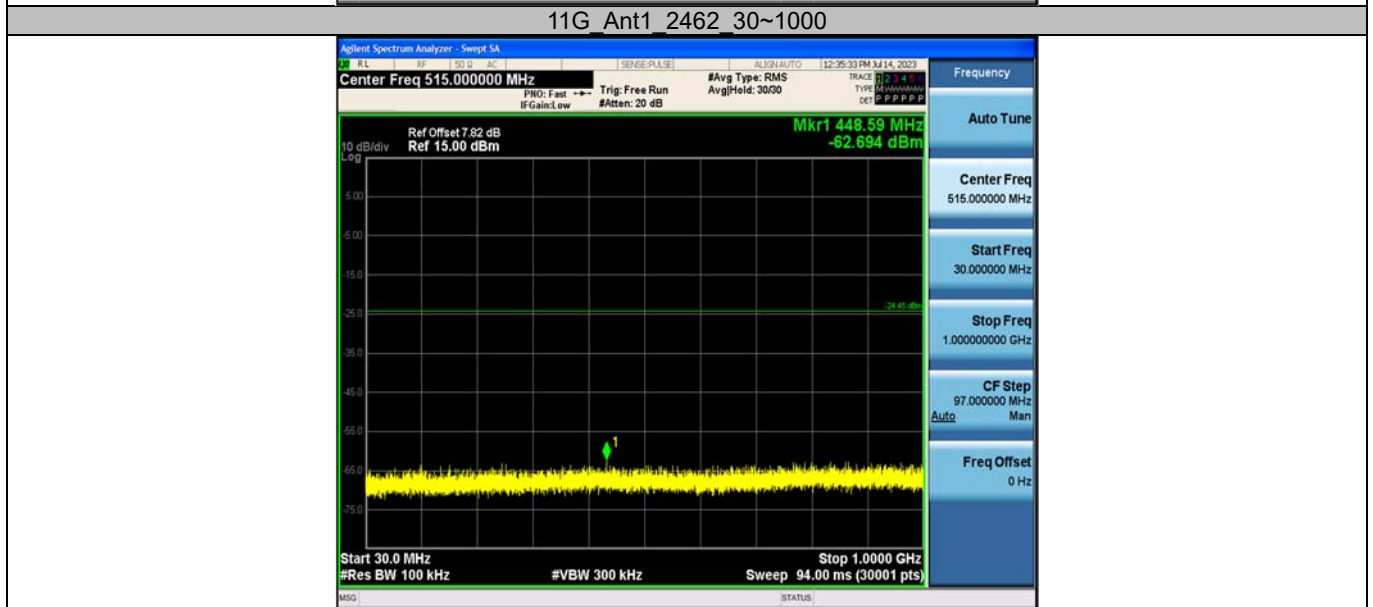
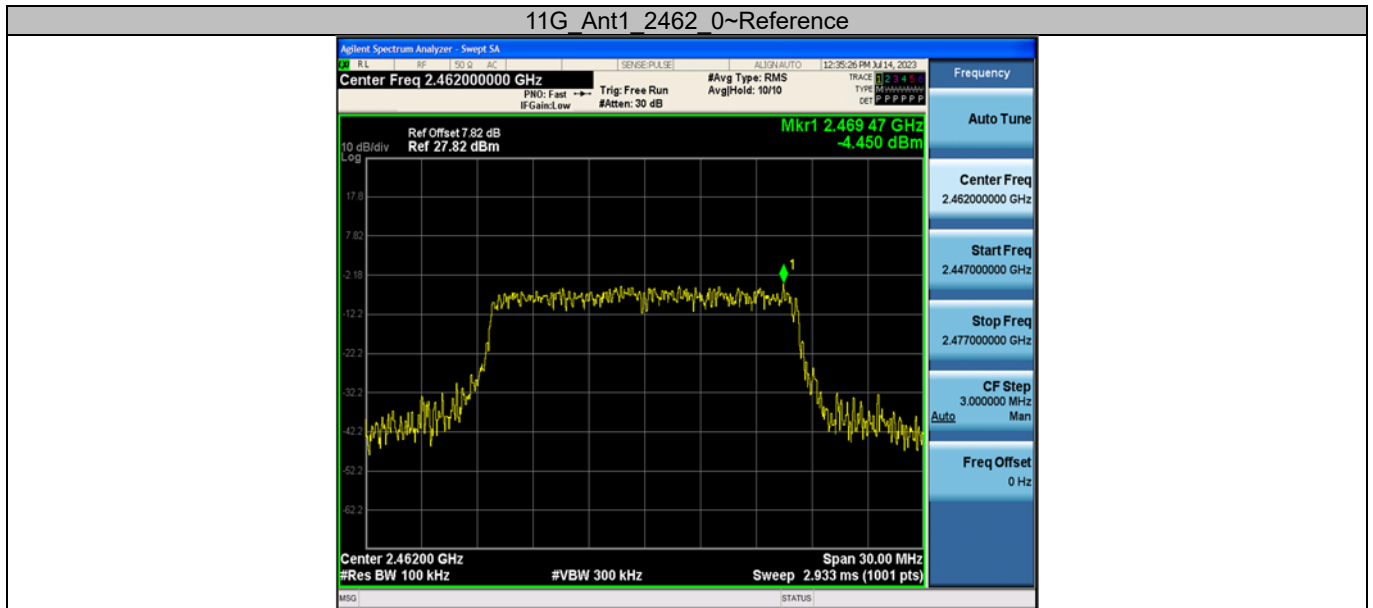








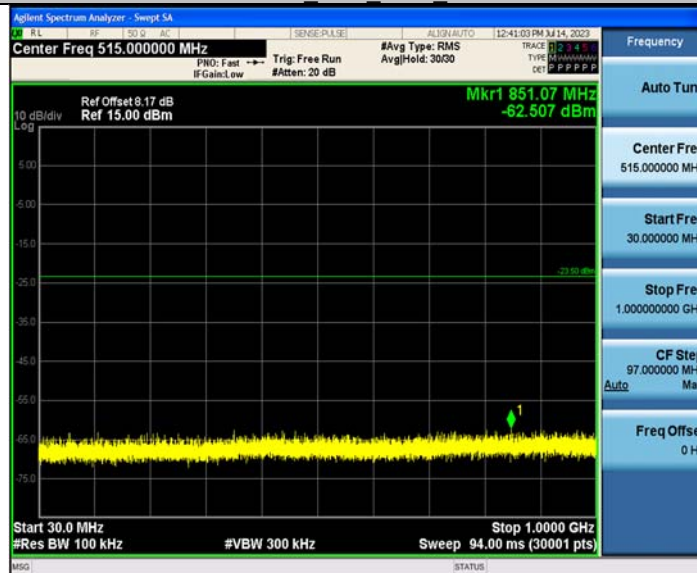




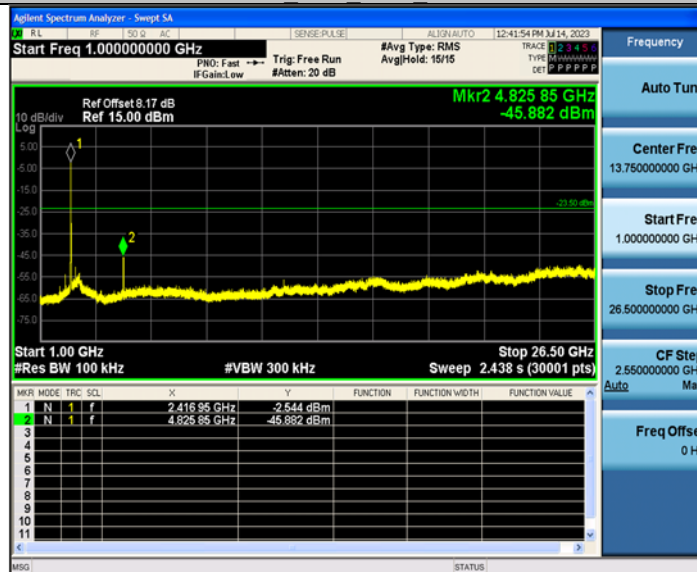
## 11N20SISO Ant1 2412 0~Reference



## 11N20SISO Ant1 2412 30~1000



## 11N20SISO Ant1 2412 1000~26500



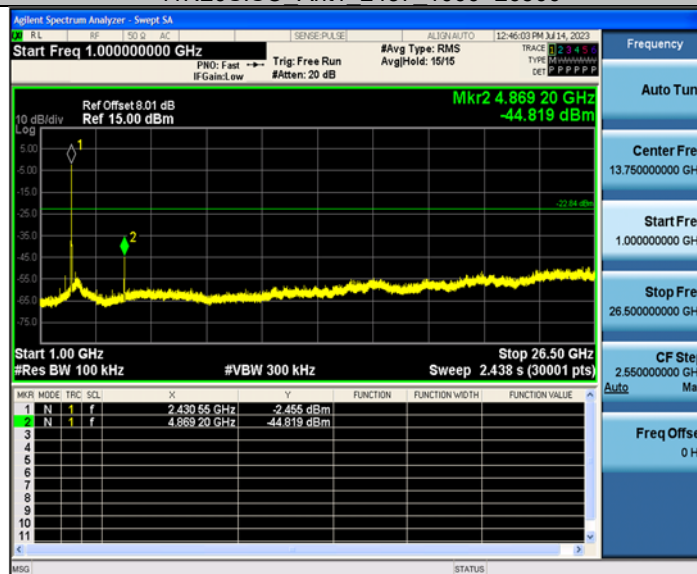
## 11N20SISO Ant1 2437 0~Reference



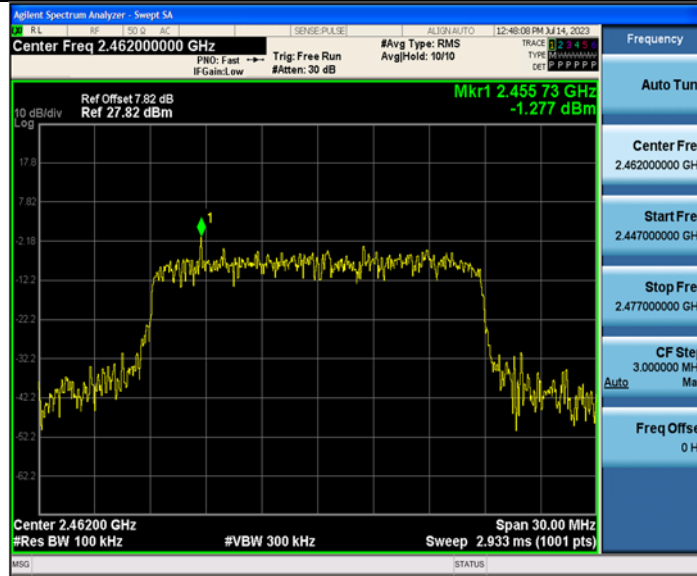
## 11N20SISO Ant1 2437 30~1000



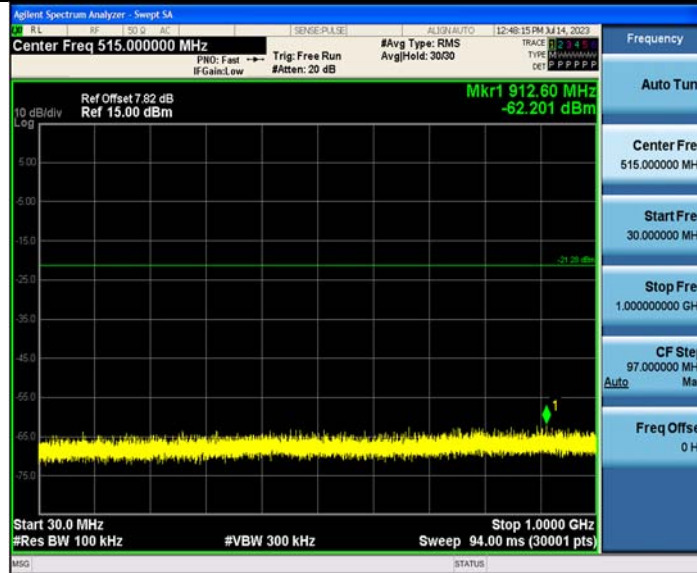
## 11N20SISO Ant1 2437 1000~26500



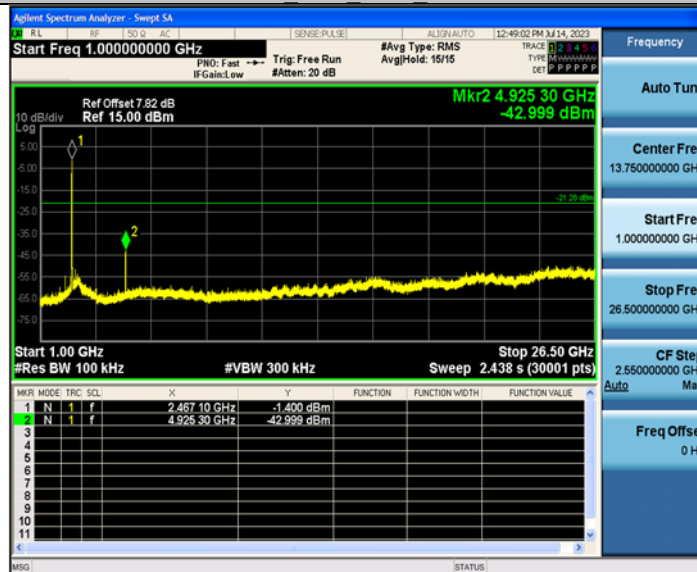
## 11N20SISO Ant1 2462 0~Reference



## 11N20SISO Ant1 2462 30~1000



## 11N20SISO Ant1 2462 1000~26500



## Appendix F: Duty Cycle

### Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2437	4.54	4.81	94.39	0.25
11G	Ant1	2437	0.74	1.10	67.27	1.72
11N20SISO	Ant1	2437	0.64	0.98	65.31	1.85

**Notes:**

Duty Cycle [%] = Transmission Duration [ms] / Transmission Period [ms] \* 100

Factor = 10 \* log (Duty Cycle)



## Test Graphs



**----End of Report----**