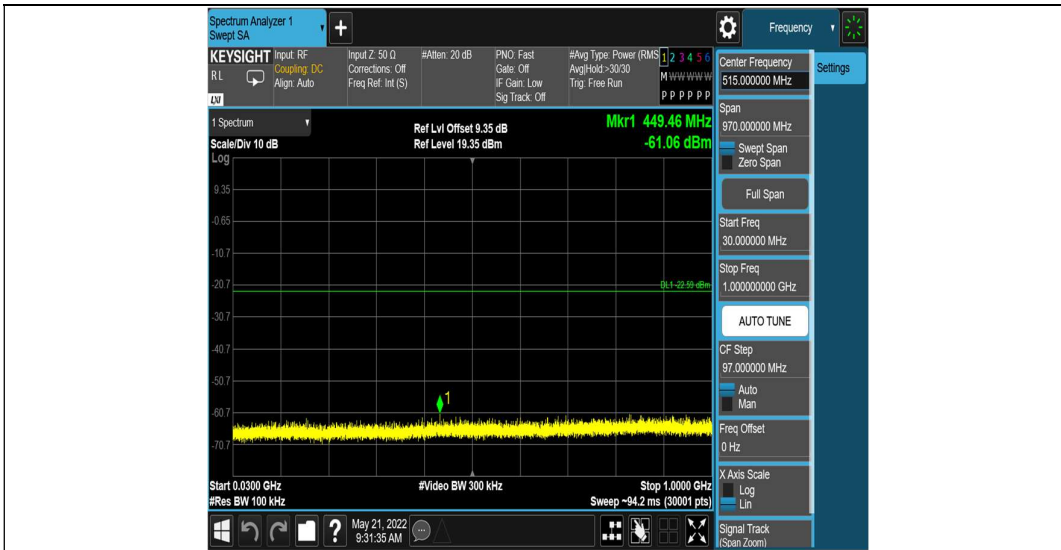


## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	7.41	-61.06	≤-22.59	PASS
			1000~26500	7.41	-46.82	≤-22.59	PASS
		2437	30~1000	7.20	-61.11	≤-22.8	PASS
			1000~26500	7.20	-47.6	≤-22.8	PASS
		2462	30~1000	6.73	-51.36	≤-23.27	PASS
			1000~26500	6.73	-47.26	≤-23.27	PASS
11G	Ant1	2412	30~1000	1.53	-61.19	≤-28.47	PASS
			1000~26500	1.53	-51.83	≤-28.47	PASS
		2437	30~1000	1.39	-60.92	≤-28.61	PASS
			1000~26500	1.39	-52.06	≤-28.61	PASS
		2462	30~1000	0.78	-60.79	≤-29.22	PASS
			1000~26500	0.78	-52.39	≤-29.22	PASS
11N20SISO	Ant1	2412	30~1000	1.39	-60.93	≤-28.61	PASS
			1000~26500	1.39	-53.03	≤-28.61	PASS
		2437	30~1000	0.79	-60.57	≤-29.21	PASS
			1000~26500	0.79	-52.01	≤-29.21	PASS
		2462	30~1000	0.66	-61.07	≤-29.34	PASS
			1000~26500	0.66	-52.15	≤-29.34	PASS

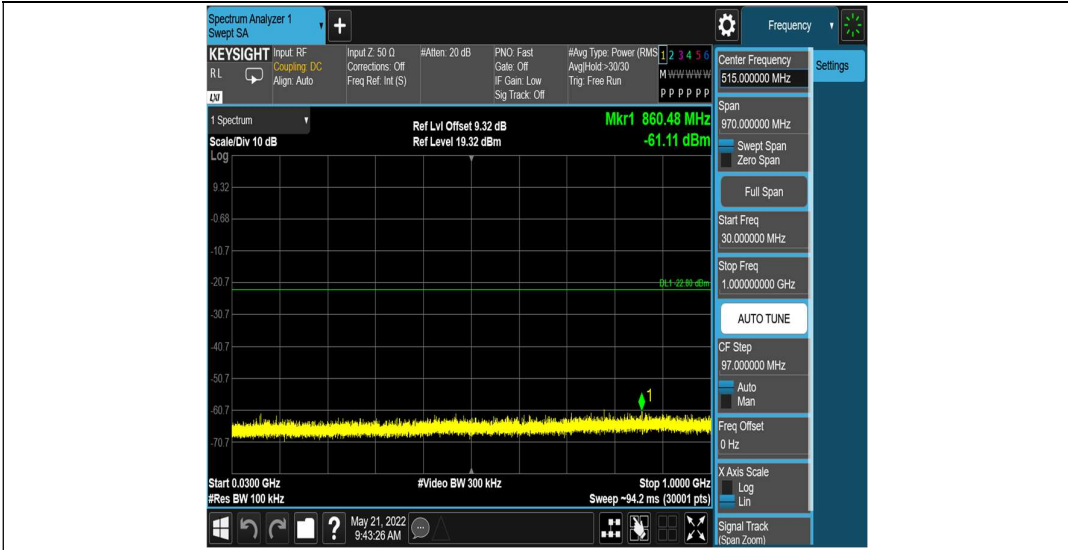
# Test Graphs



11B\_Ant1\_2412\_30~1000



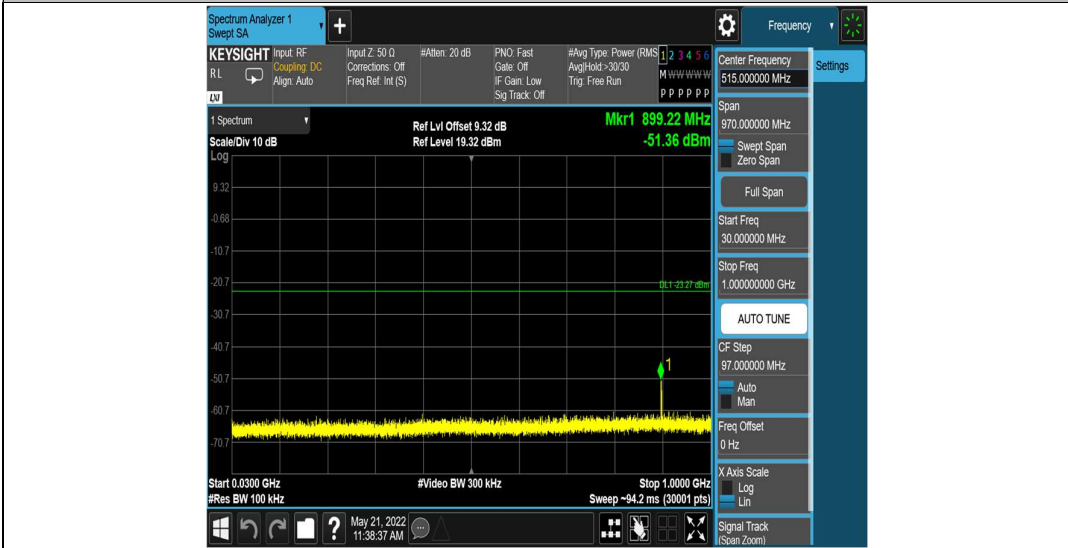
11B\_Ant1\_2412\_1000~26500



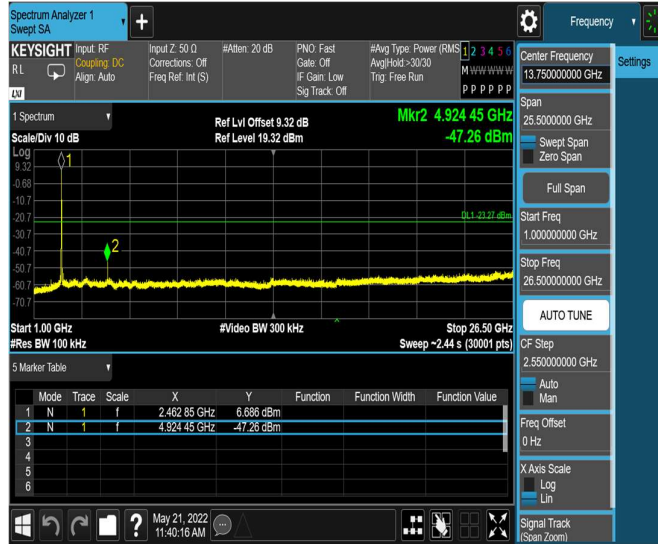
11B\_Ant1\_2437\_30~1000



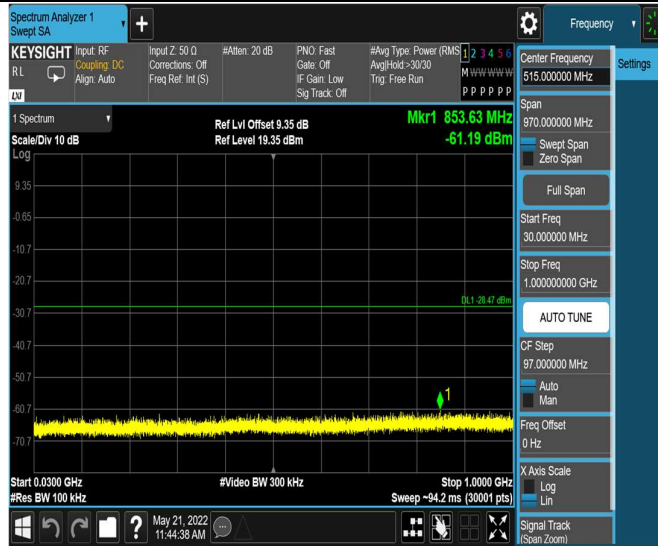
11B\_Ant1\_2437\_1000~26500



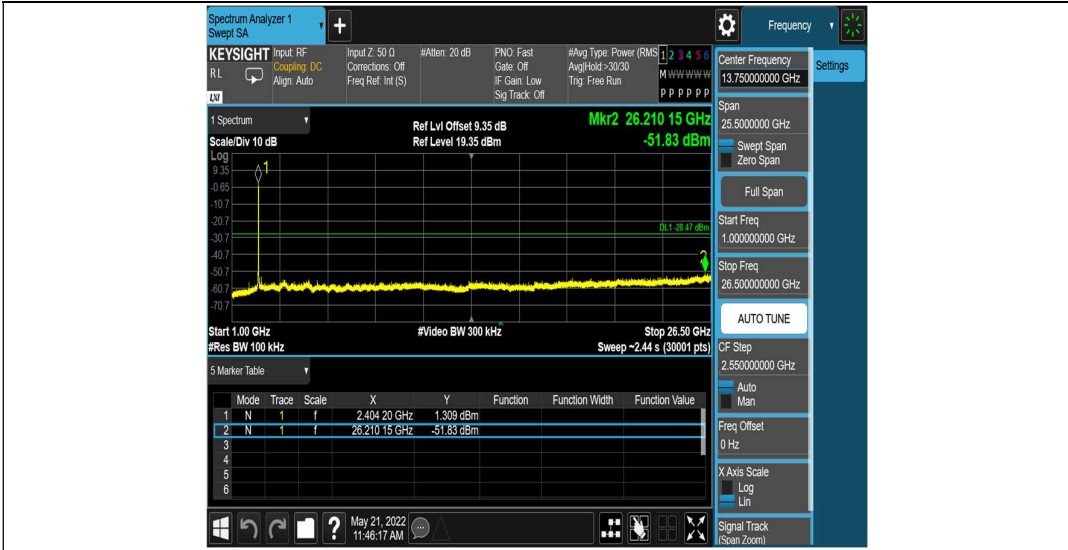
11B\_Ant1\_2462\_30~1000



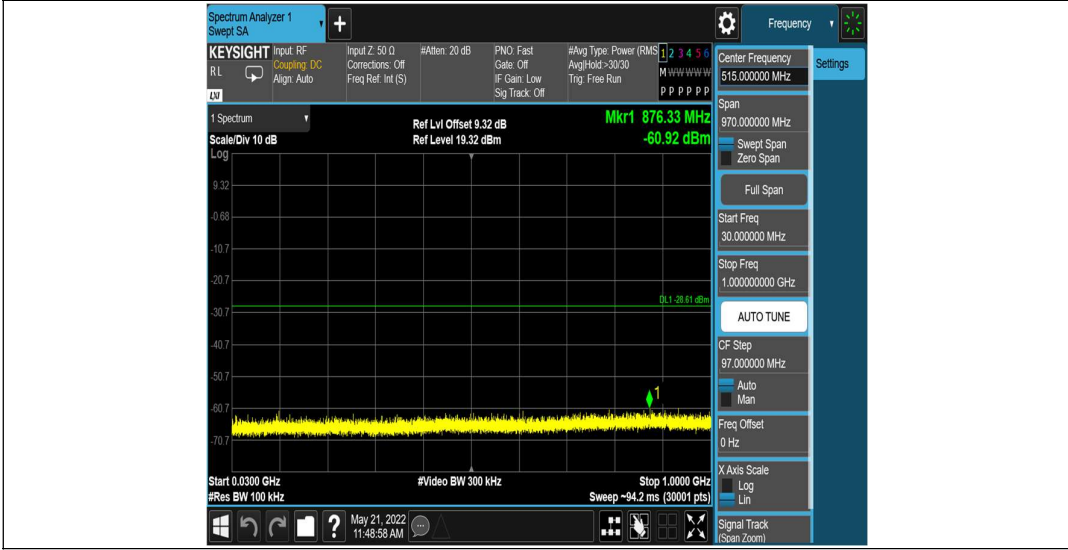
11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_30~1000



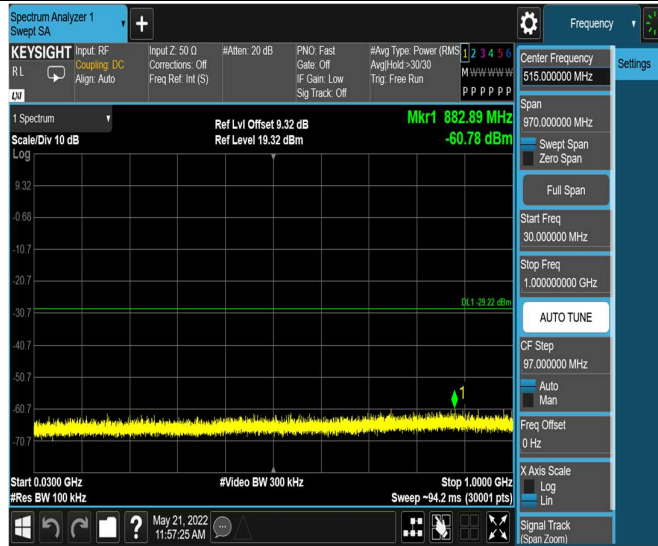
11G\_Ant1\_2412\_1000~26500



11G\_Ant1\_2437\_30~1000



11G\_Ant1\_2437\_1000~26500



11G\_Ant1\_2462\_30~1000



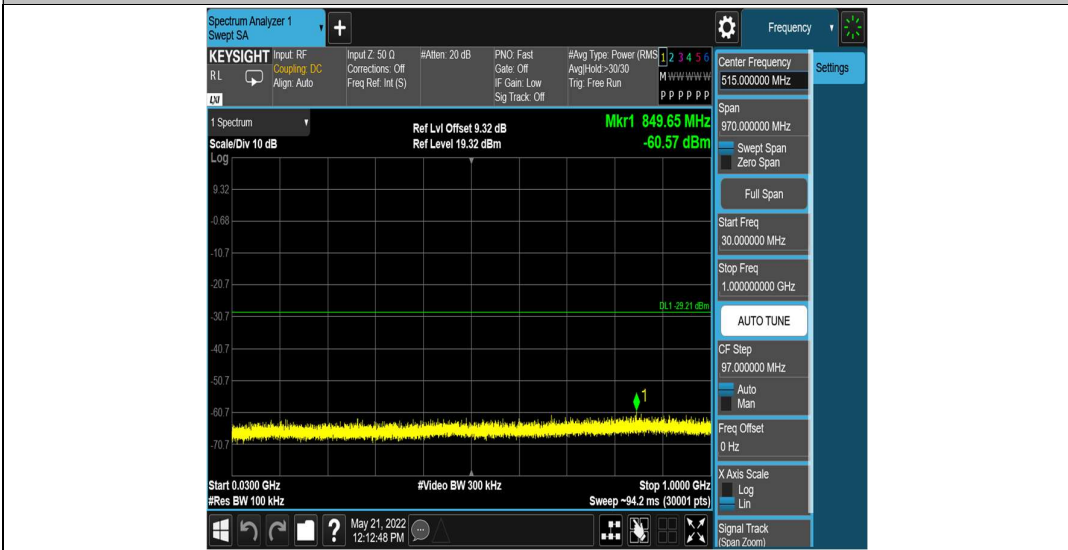
11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_30~1000

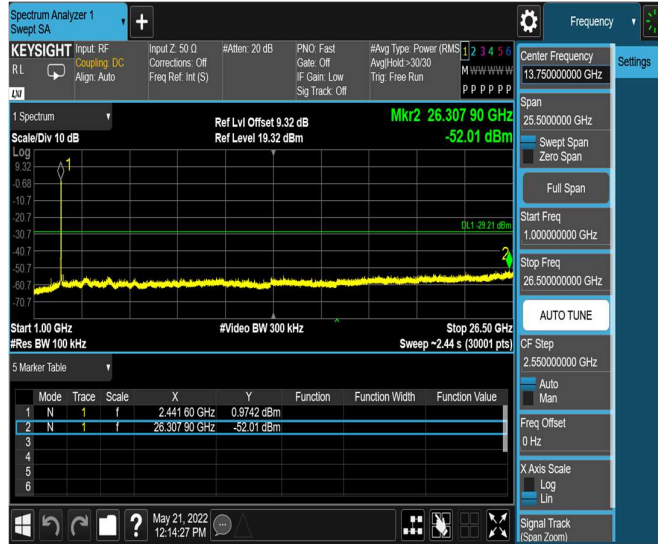


11N20SISO\_Ant1\_2412\_1000~26500

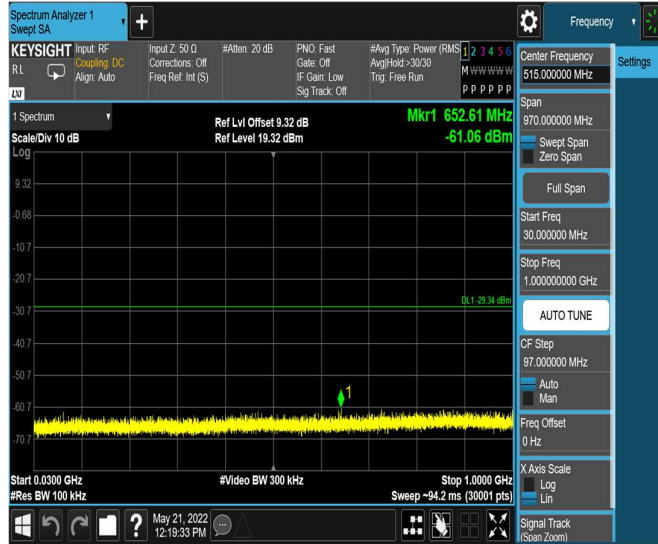




11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_30~1000





11N20SISO\_Ant1\_2462\_1000~26500

## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11G	Ant1	2412	1.39	1.41	98.58
		2437	1.39	1.41	98.58
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	20.00	20.00	100.00
		2437	5.08	5.10	99.61
		2462	20.00	20.00	100.00

# Test Graphs



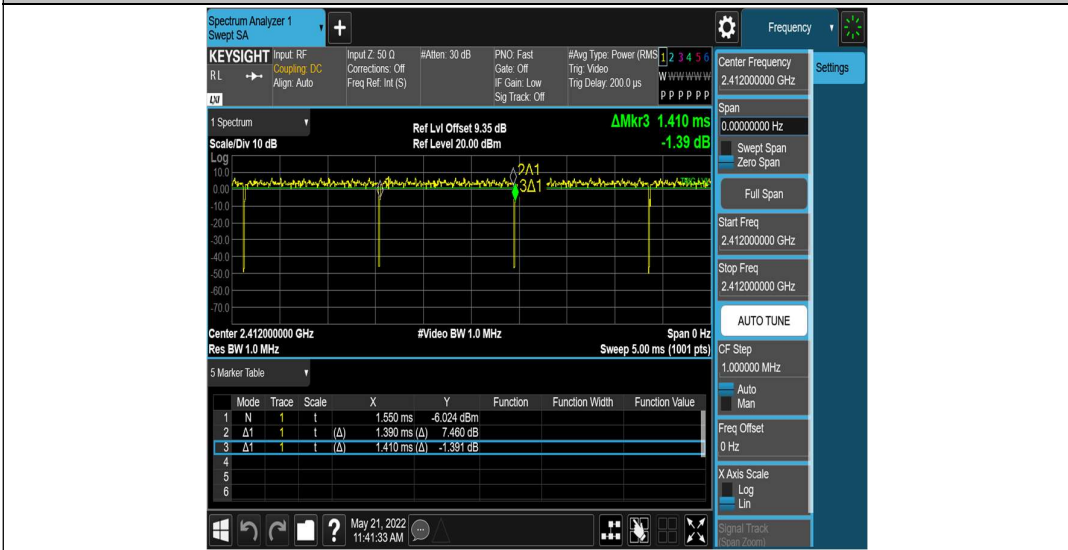
11B\_Ant1\_2412



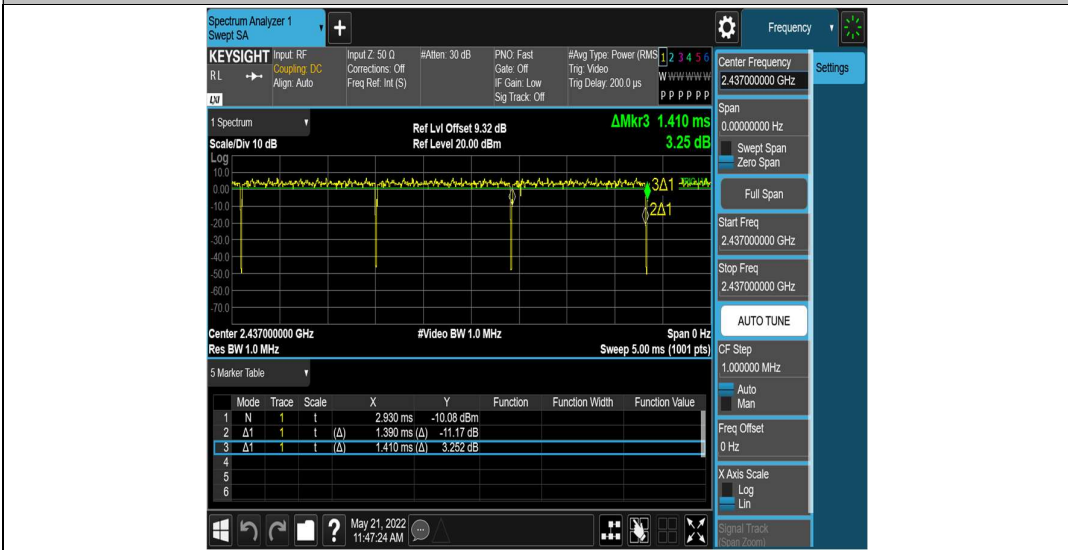
11B\_Ant1\_2437



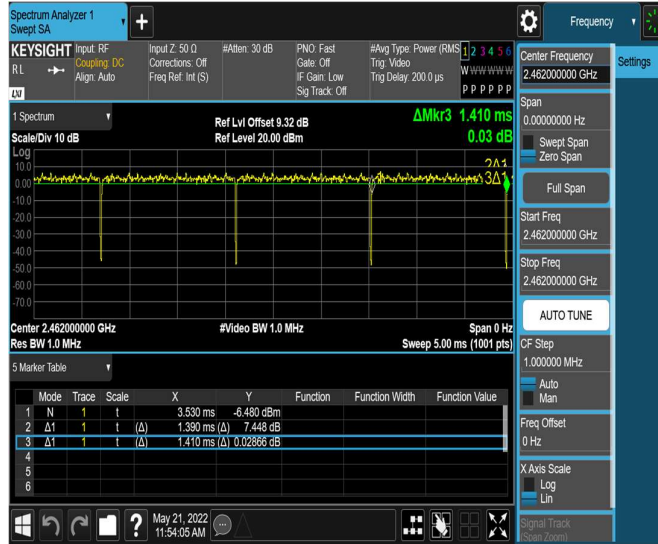
11B\_Ant1\_2462



11G\_Ant1\_2412



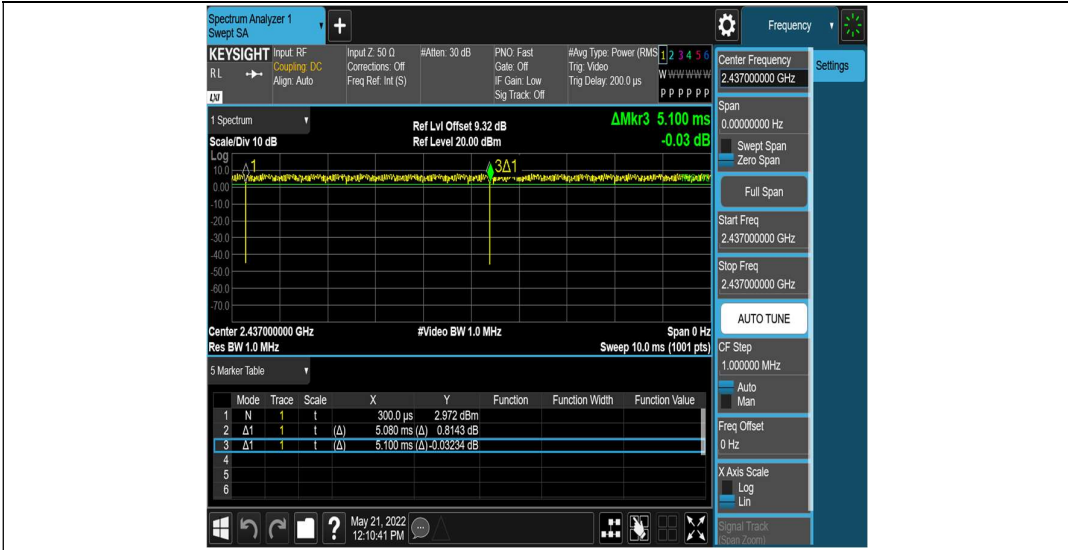
11G\_Ant1\_2437



11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

# Appendix I: Emissions in Restricted Bands

## Test Graphs



11B\_Ant1\_Low\_2412\_AV



11B\_Ant1\_Low\_2412\_Peak





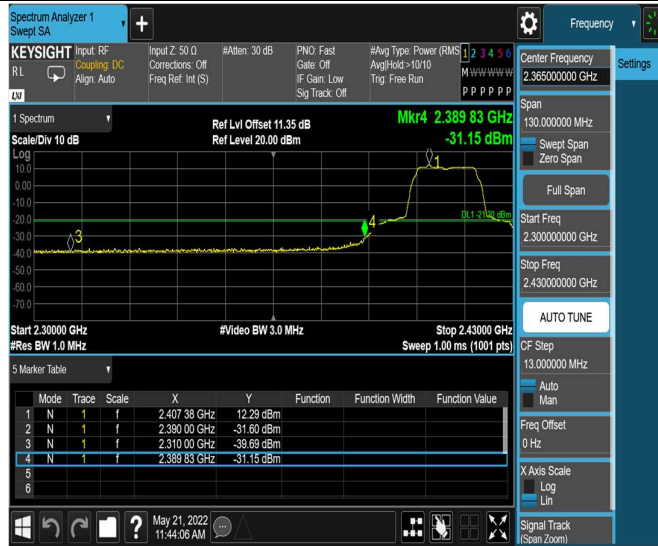
11B\_Ant1\_High\_2462\_AV



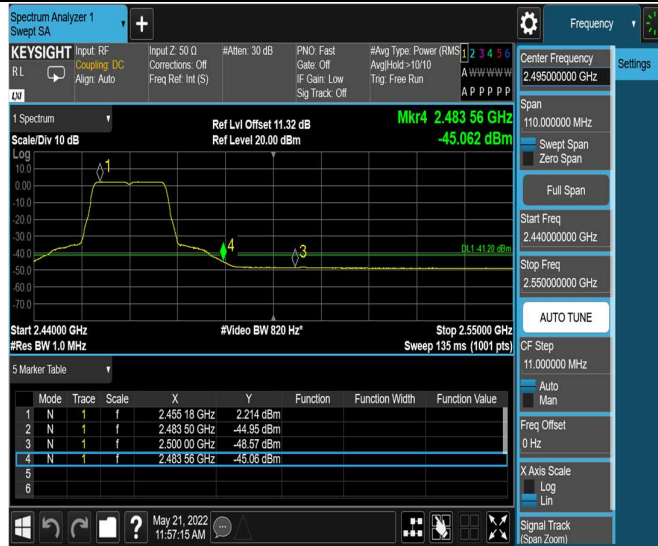
11B\_Ant1\_High\_2462\_Peak



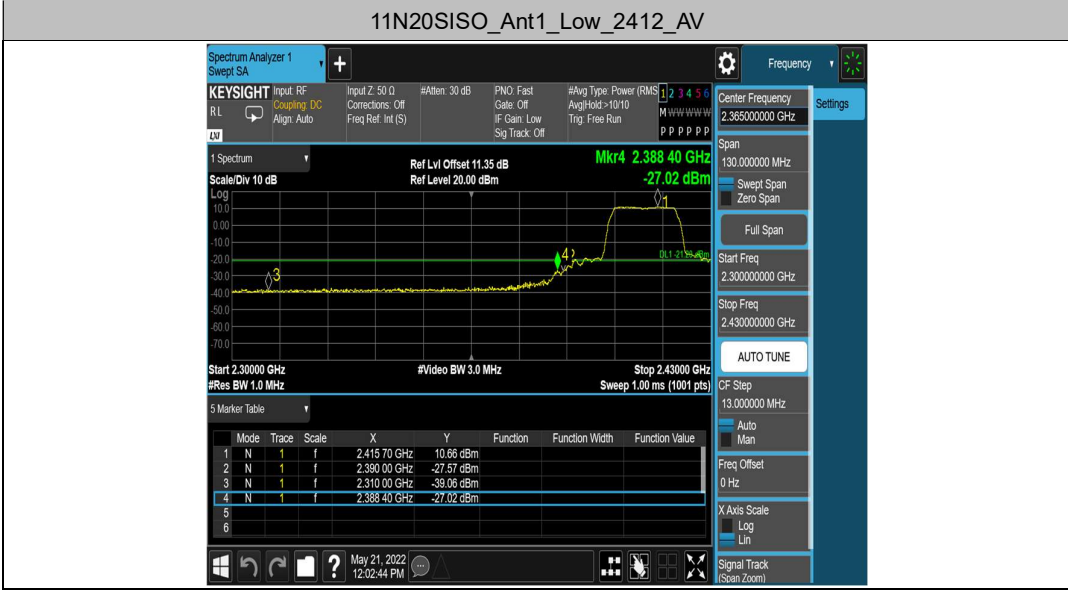
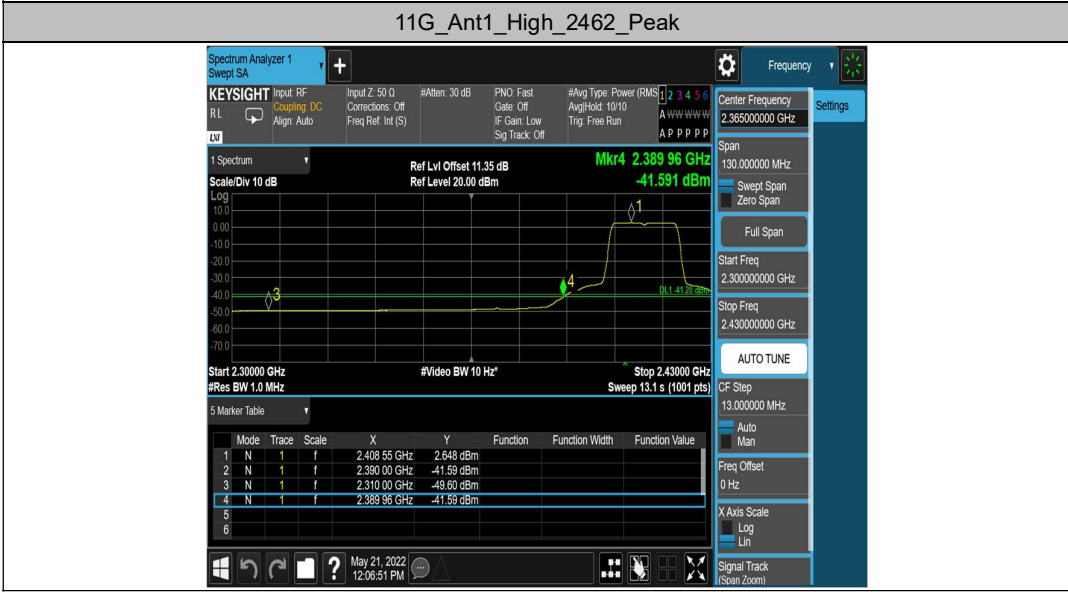
### 11G\_Ant1\_Low\_2412\_AV



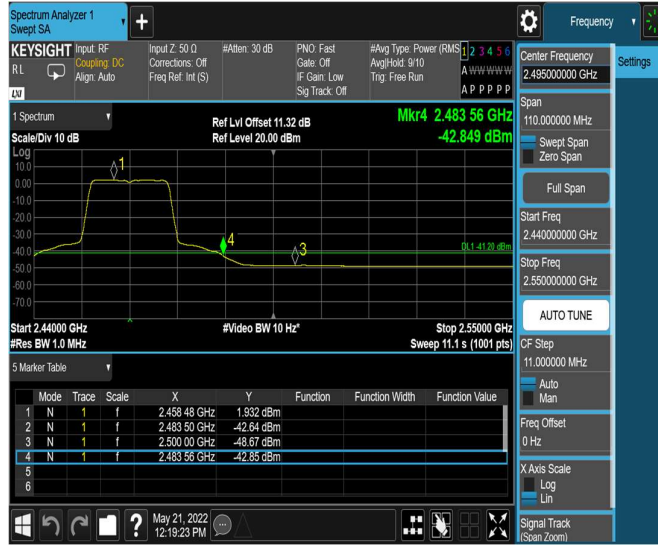
### 11G\_Ant1\_Low\_2412\_Peak



### 11G\_Ant1\_High\_2462\_AV



### 11N20SISO\_Ant1\_Low\_2412\_Peak



### 11N20SISO\_Ant1\_High\_2462\_AV



### 11N20SISO\_Ant1\_High\_2462\_Peak

Radiated emission measurements

Mode:	11B-2412
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**Test Graph**

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	Polarity	Verdict
1	2310.0000	61.01	-19.79	41.22	74.00	32.78	Horizontal	PASS
2	2390.0000	80.91	-17.57	63.34	74.00	10.66	Horizontal	PASS

AV Final Data List								
NO.	Freq. [MHz]	AV Reading [dB $\mu$ V/m]	Factor [dB/m]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Polarity	Verdict
1	2310.0000	58.19	-19.79	38.40	54.00	15.60	Horizontal	PASS
2	2390.0000	59.3	-17.57	41.73	54.00	12.27	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	Polarity	Verdict
1	2310.0000	61.45	-19.79	41.66	74.00	32.34	Vertical	PASS
2	2388.9590	81.83	-17.63	64.20	74.00	9.80	Vertical	PASS
3	2390.0000	73.79	-17.57	56.22	74.00	17.78	Vertical	PASS

AV Final Data List								
NO.	Freq. [MHz]	AV Reading [dB $\mu$ V/m]	Factor [dB/m]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Polarity	Verdict
1	2310.0000	57.14	-19.79	37.35	54.00	16.65	Vertical	PASS
2	2388.9590	60	-17.63	42.37	54.00	11.63	Vertical	PASS
3	2390.0000	65.51	-17.57	47.94	54.00	6.06	Vertical	PASS