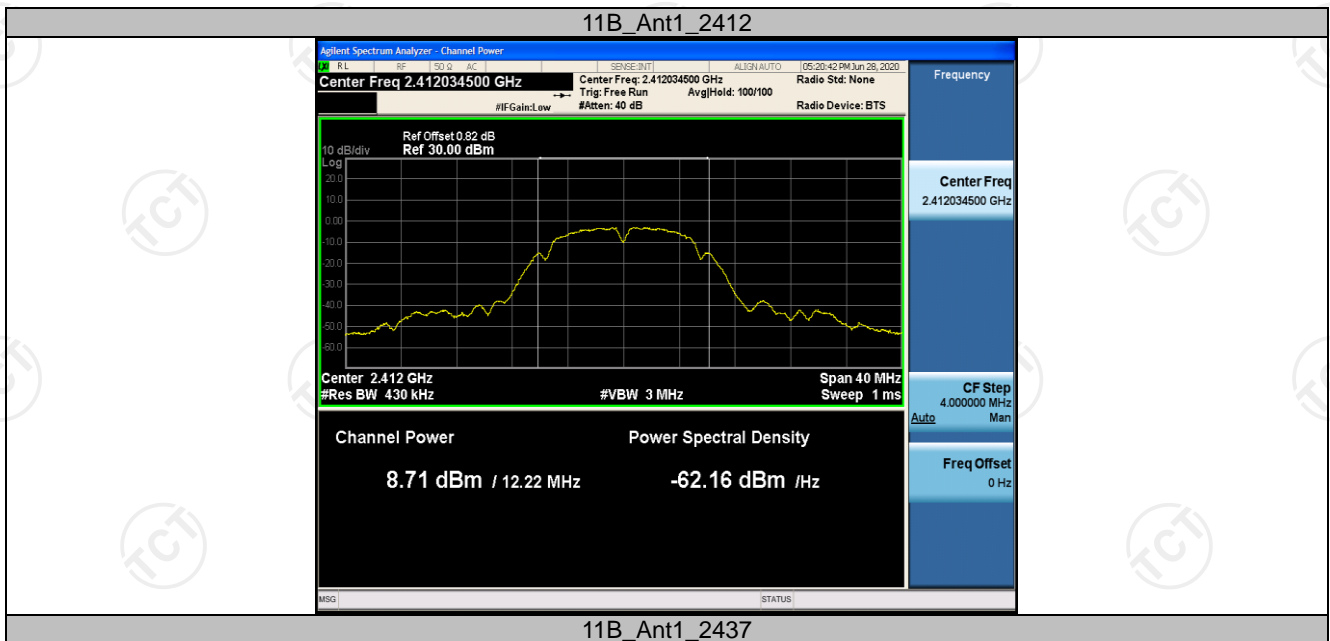


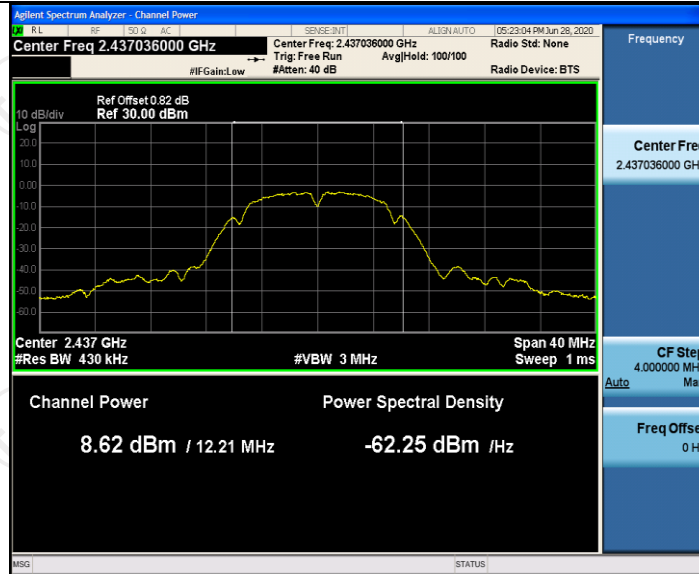
## Maximum conducted output power

### Test Result

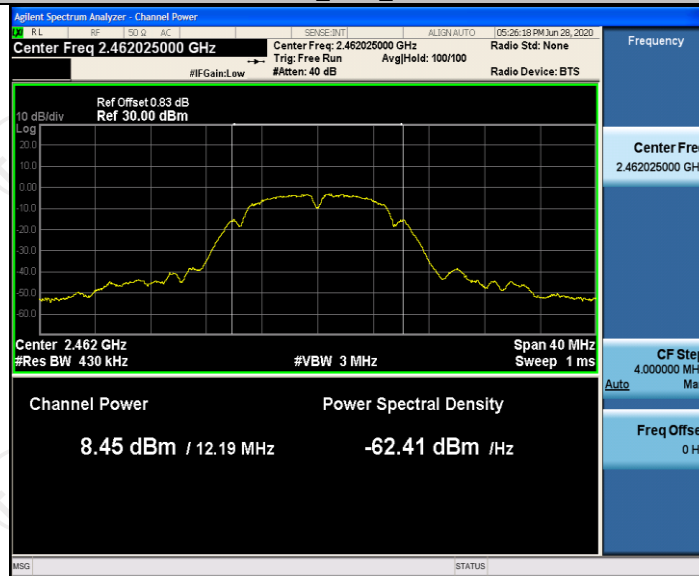
Test Mode	Antenna	Channel	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.71	<=30	PASS
		2437	8.62	<=30	PASS
		2462	8.45	<=30	PASS
11G	Ant1	2412	6.39	<=30	PASS
		2437	9.32	<=30	PASS
		2462	9.45	<=30	PASS
11N20SISO	Ant1	2412	6.55	<=30	PASS
		2437	7.37	<=30	PASS
		2462	7.47	<=30	PASS

### Test Graphs

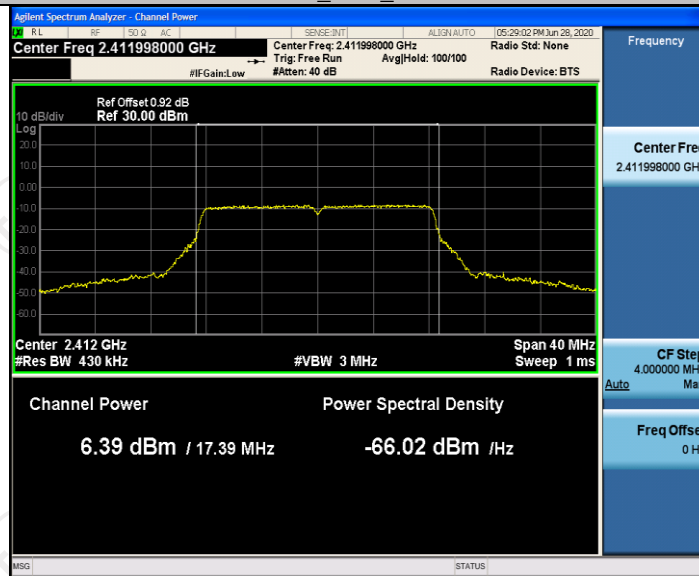




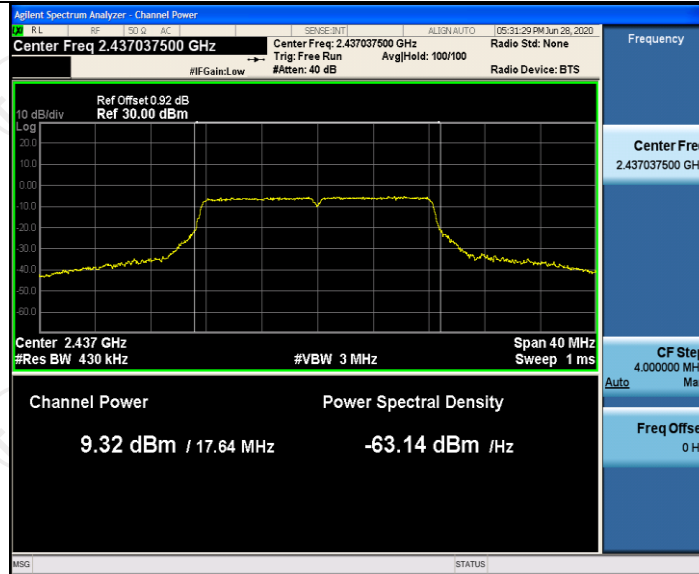
11B\_Ant1\_2462



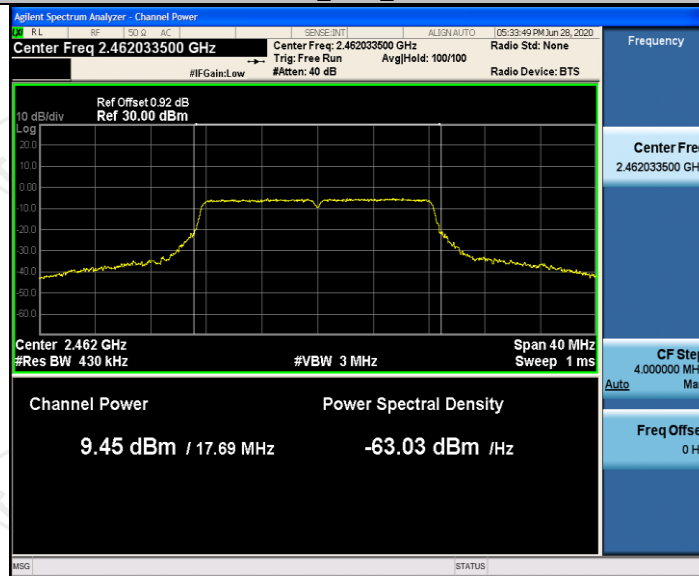
11G\_Ant1\_2412



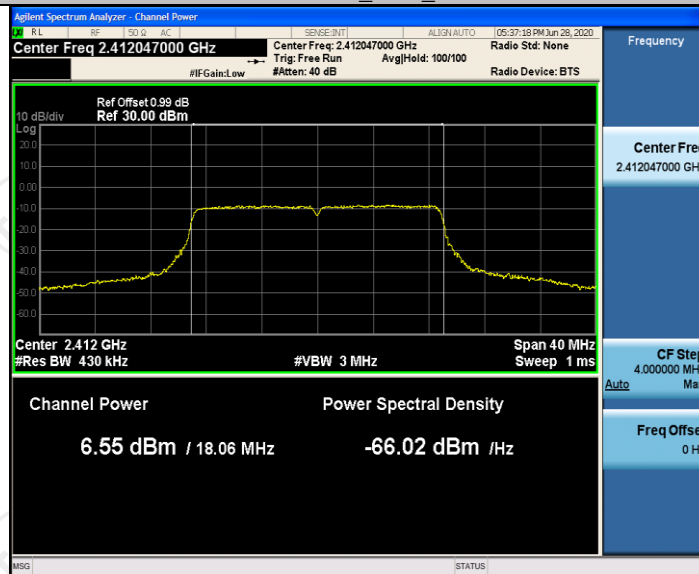
11G\_Ant1\_2437



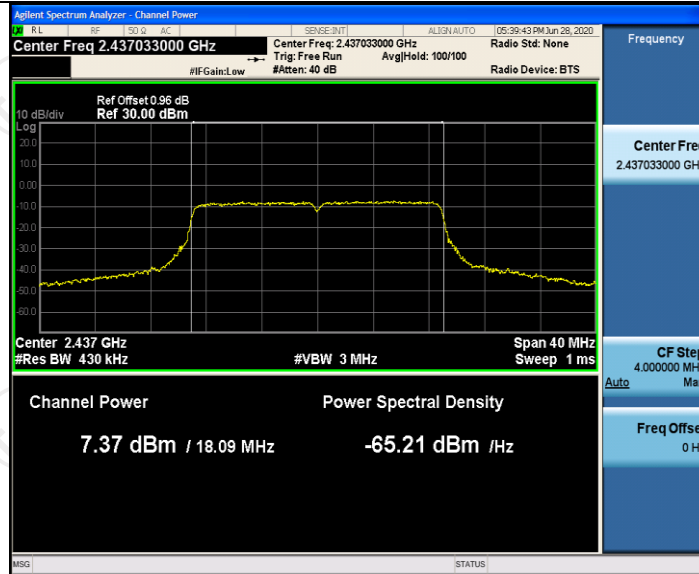
11G\_Ant1\_2462



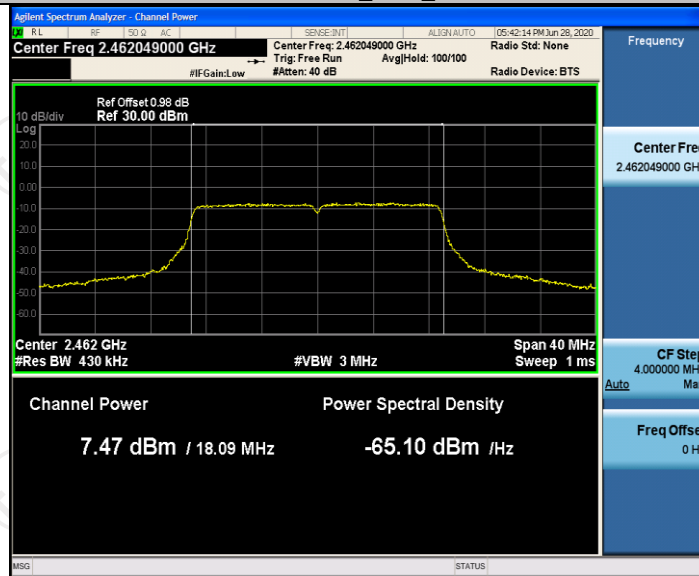
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## Maximum power spectral density

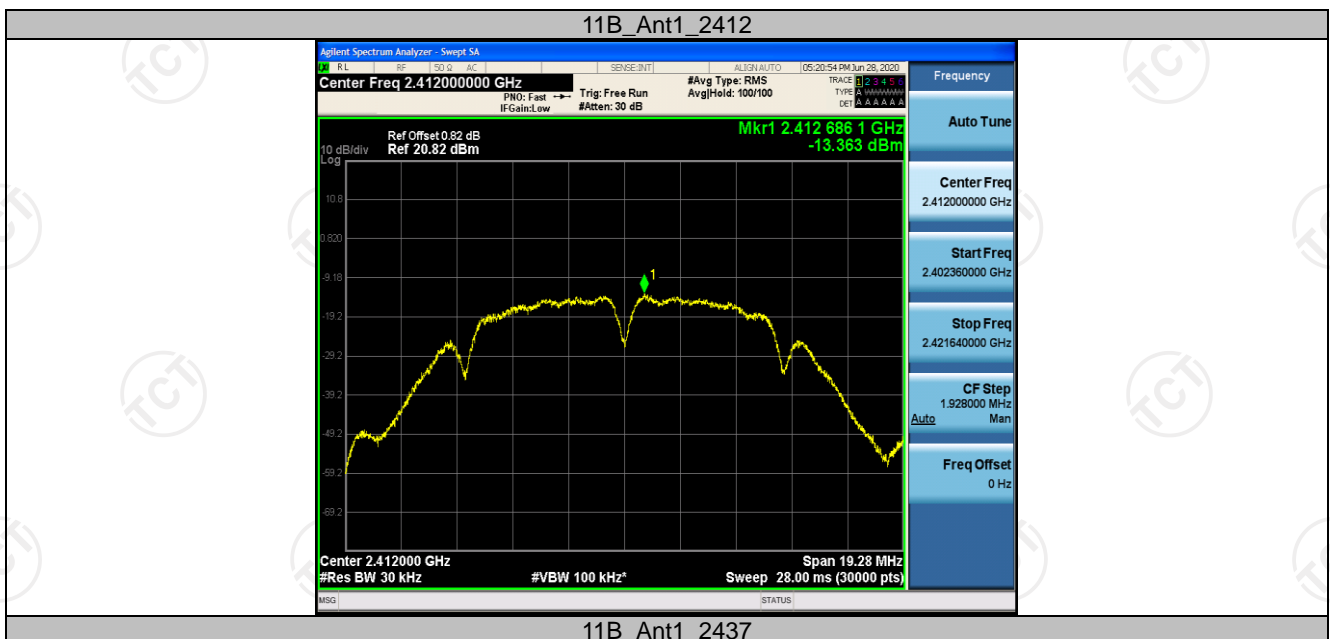
### Test Result

Mode	Channel	Meas.Level [dBm/30KHz]	Meas.Level [dBm/3KHz]	Verdict
11B	LCH	-13.36	-23.36	PASS
11B	MCH	-13.4	-23.40	PASS
11B	HCH	-13.9	-23.90	PASS
11G	LCH	-18.05	-28.05	PASS
11G	MCH	-15.02	-25.02	PASS
11G	HCH	-14.97	-24.97	PASS
11N20SISO	LCH	-18.05	-28.05	PASS
11N20SISO	MCH	-17.28	-27.28	PASS
11N20SISO	HCH	-17.15	-27.15	PASS

**Note:** Compensate 10dB is for Exchange rate of RBW

Exchange rate of RBW =  $10 \cdot \log_{10}(\text{Reference bandwidth}/\text{RBW at measurement}) = -10[\text{dB}]$   
where Reference bandwidth = 3 KHz

### Test Graphs

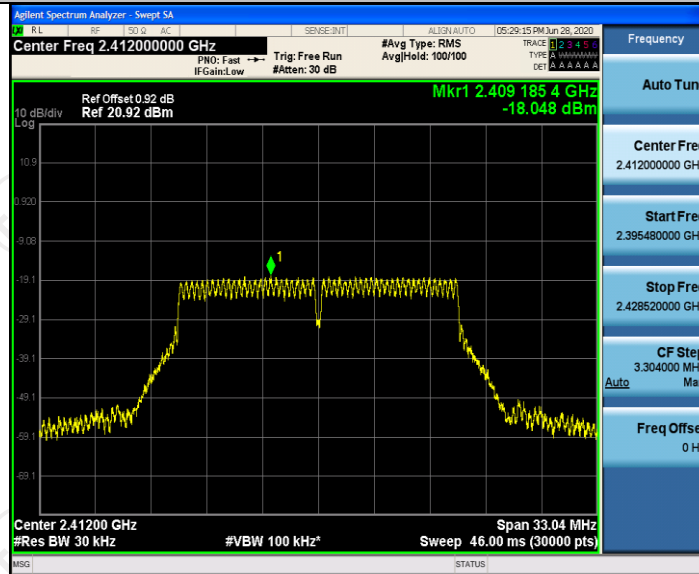




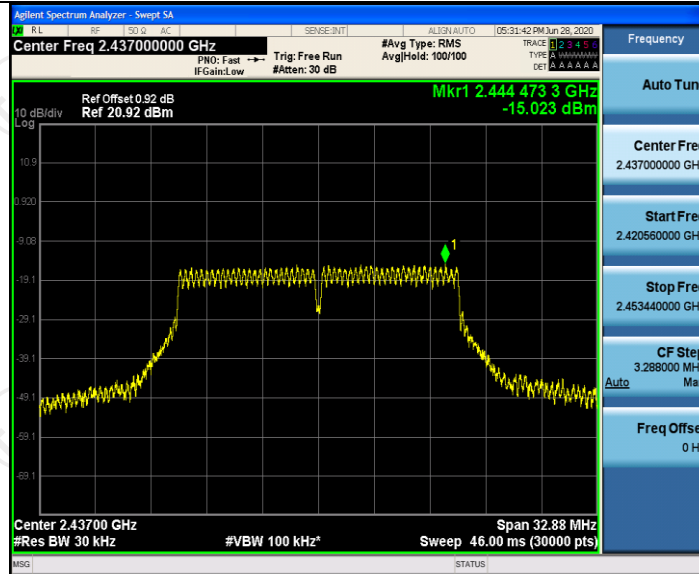
11B\_Ant1\_2462



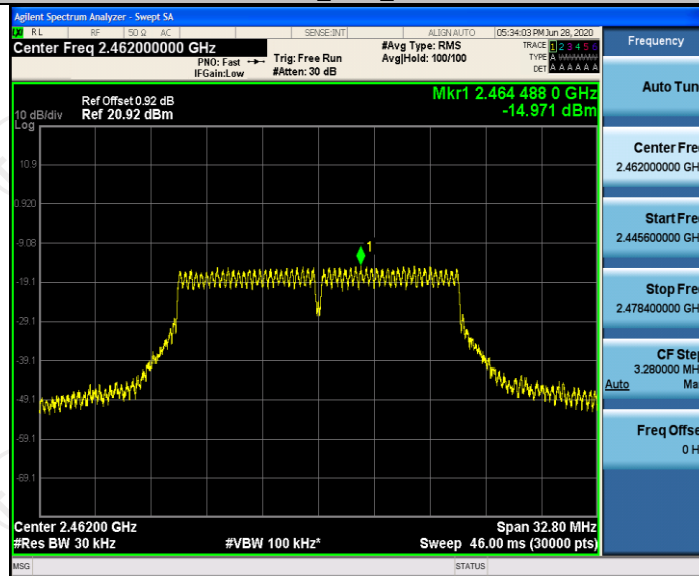
11G\_Ant1\_2412



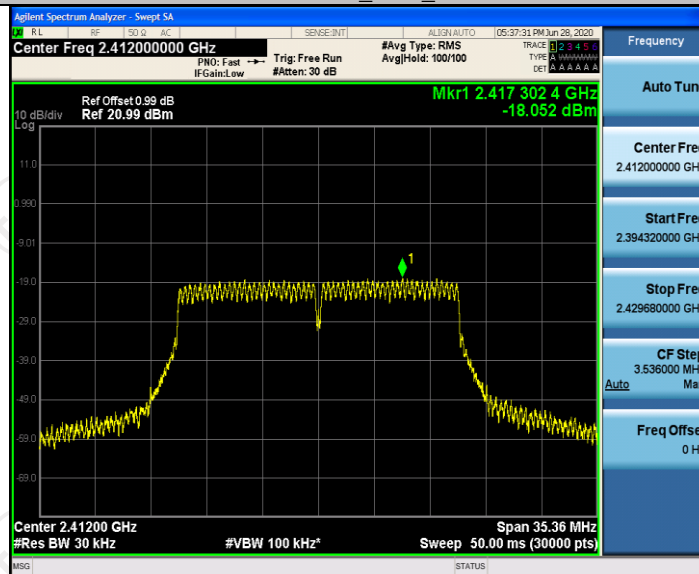
11G\_Ant1\_2437



11G\_Ant1\_2462

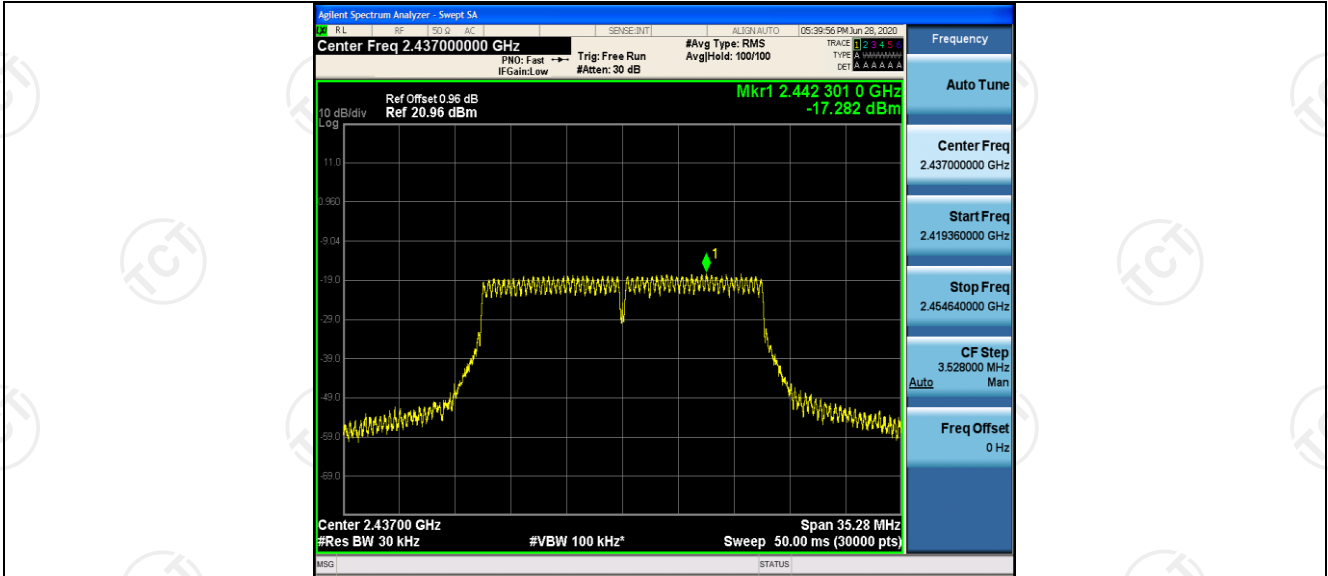


11N20SISO\_Ant1\_2412

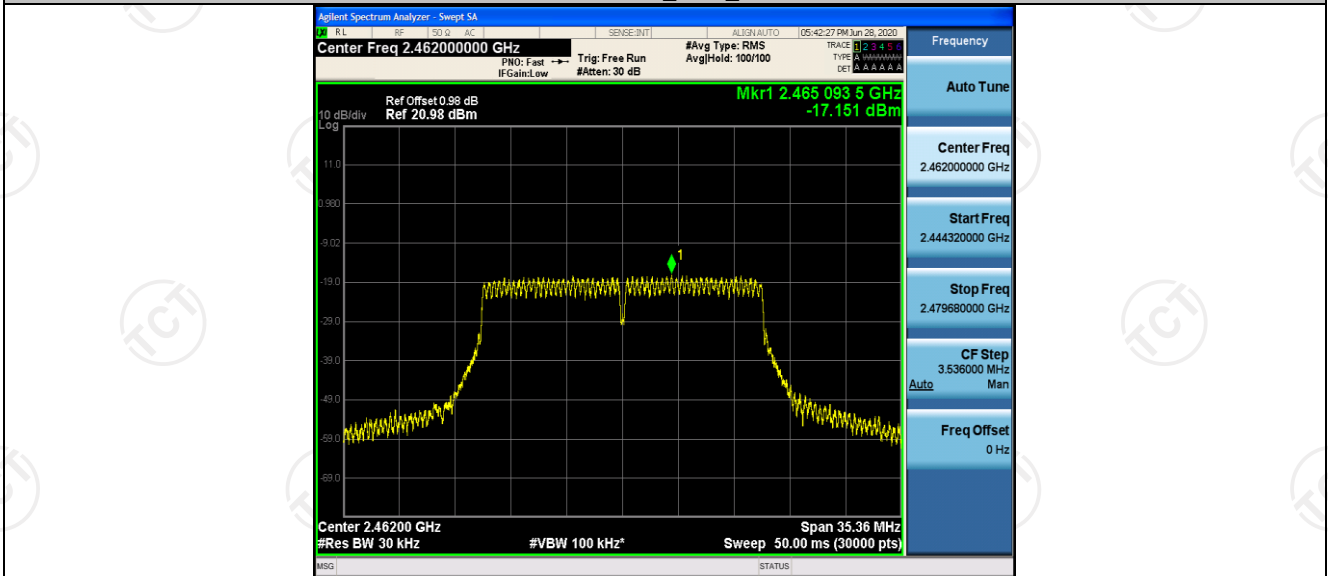


11N20SISO\_Ant1\_2437





11N20SISO\_Ant1\_2462





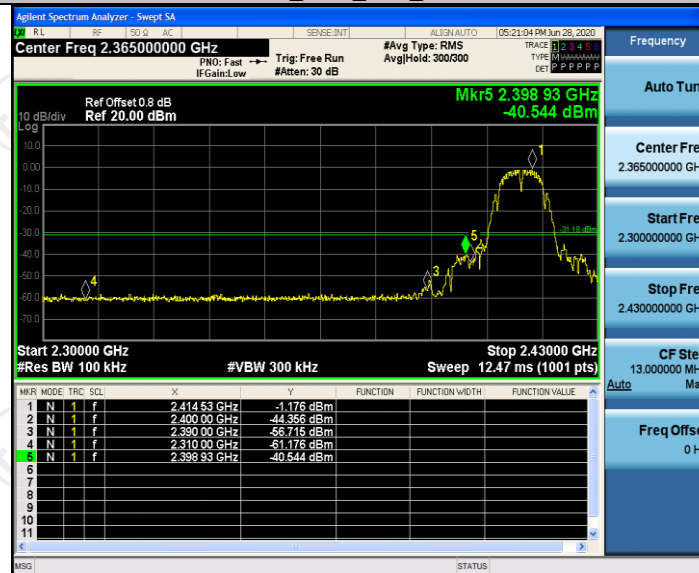
## Band edge measurements

### Test Result

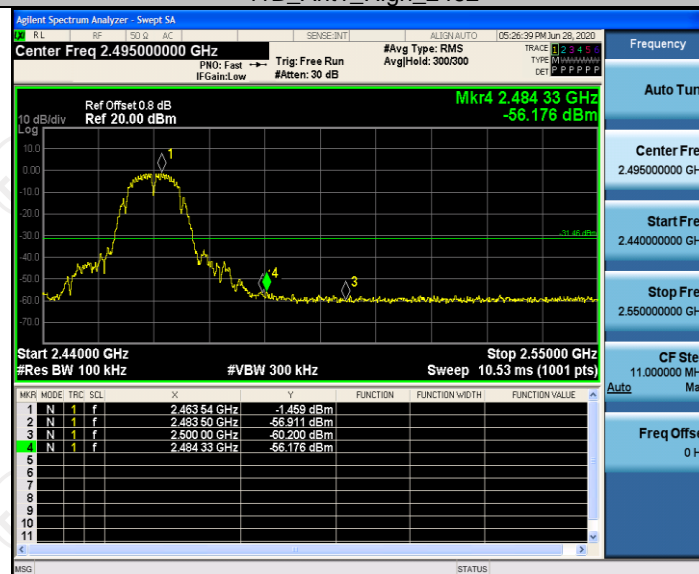
Test Mode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	-1.18	-40.54	<=-31.18	PASS
		High	2462	-1.46	-56.18	<=-31.46	PASS
11G	Ant1	Low	2412	-4.75	-35.89	<=-34.75	PASS
		High	2462	-1.84	-38.02	<=-31.84	PASS
11N20SISO	Ant1	Low	2412	-4.56	-39.33	<=-34.56	PASS
		High	2462	-3.70	-46.39	<=-33.7	PASS

### Test Graphs

11B\_Ant1\_Low\_2412



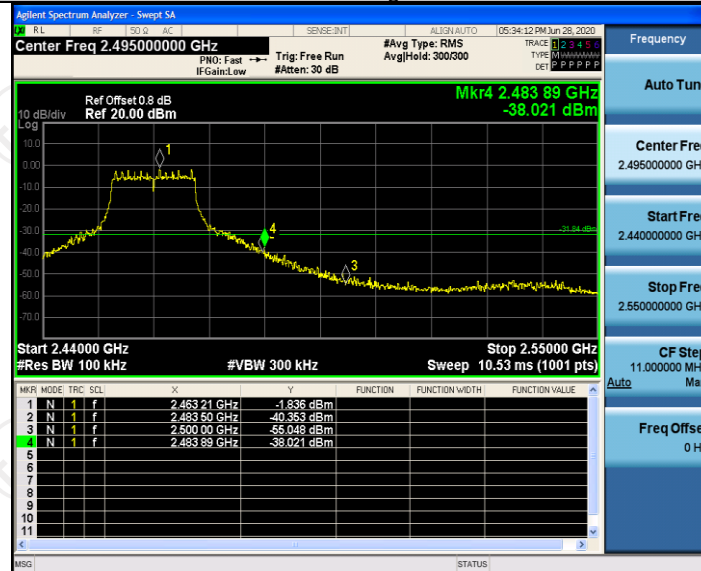
11B\_Ant1\_High\_2462



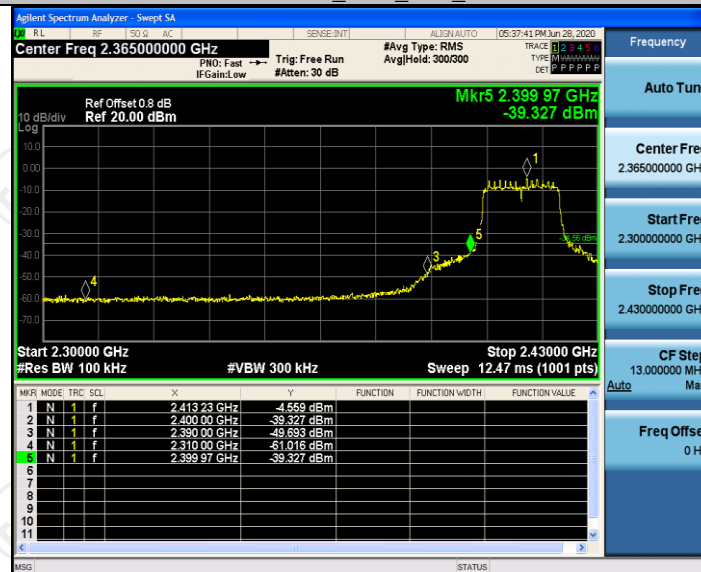
## 11G\_Ant1\_Low\_2412



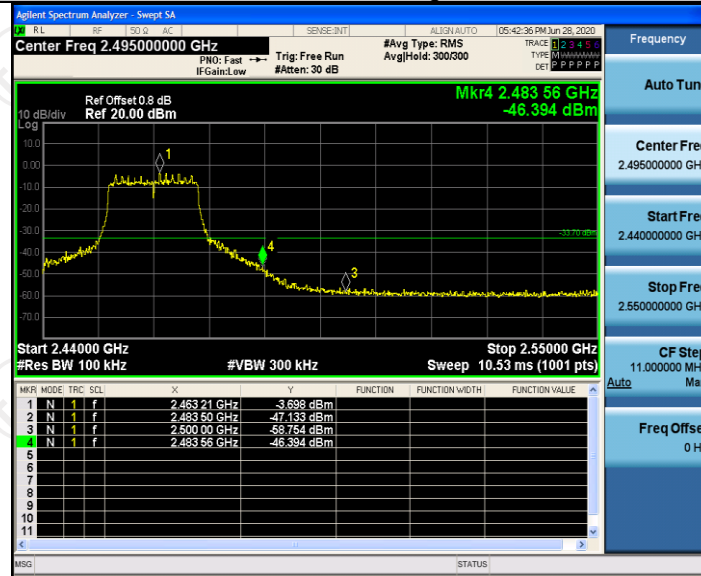
## 11G\_Ant1\_High\_2462



## 11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462

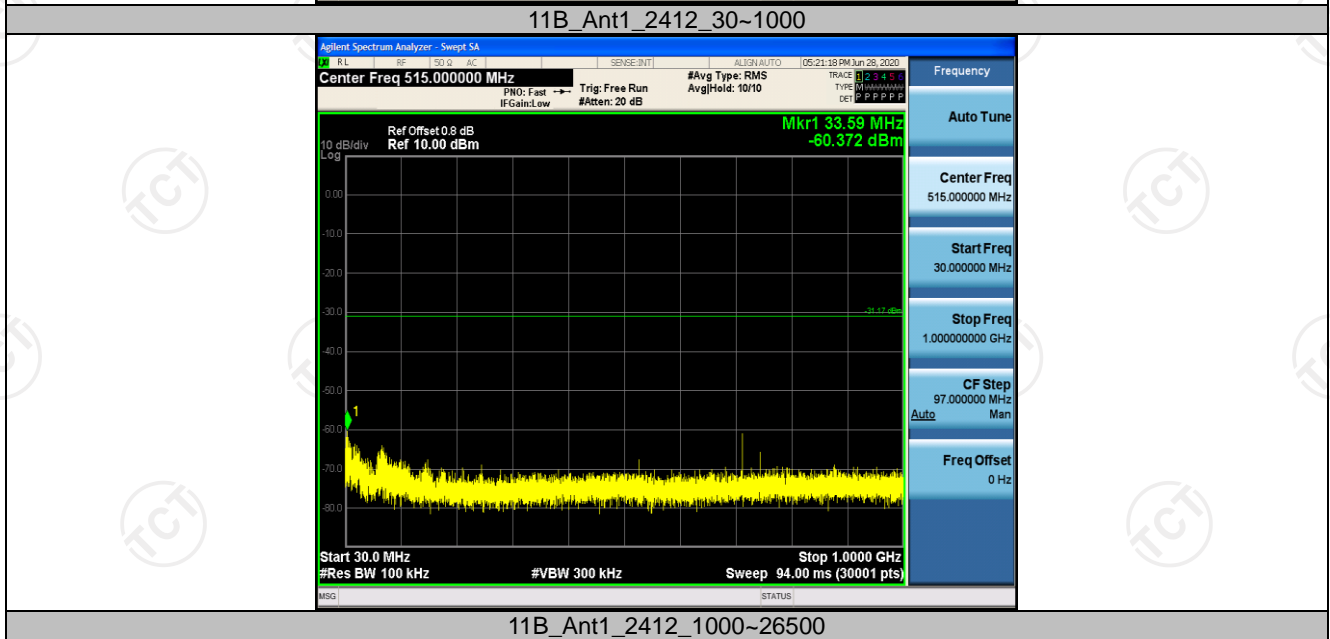
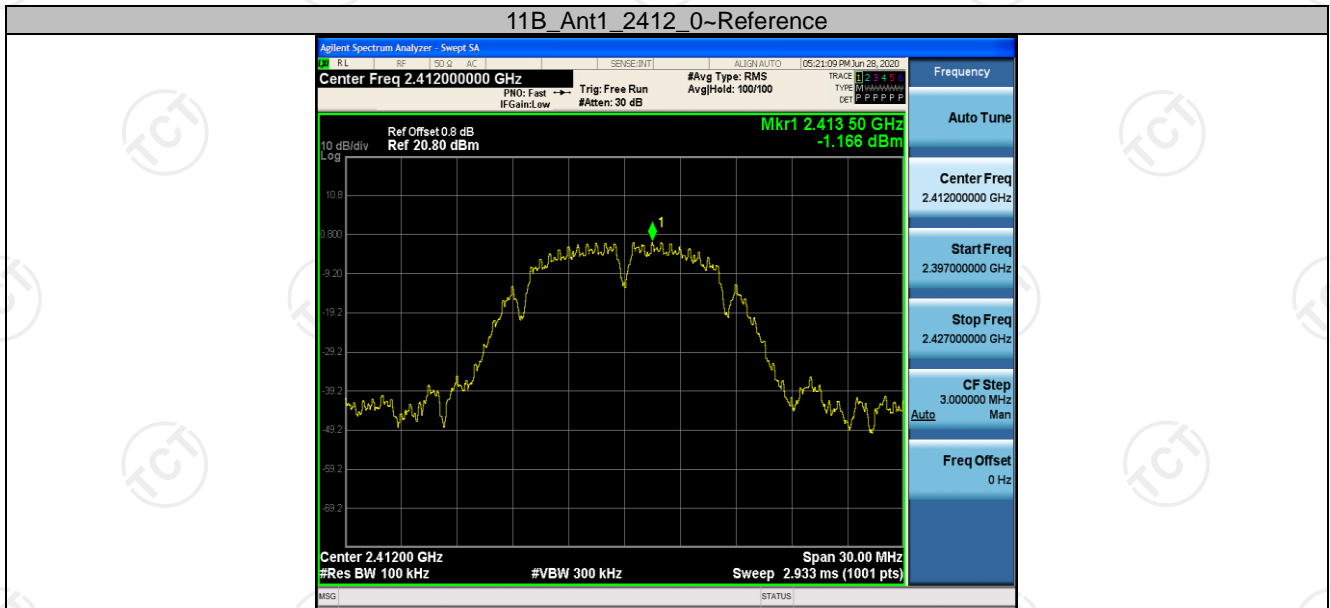


### Conducted Spurious Emission

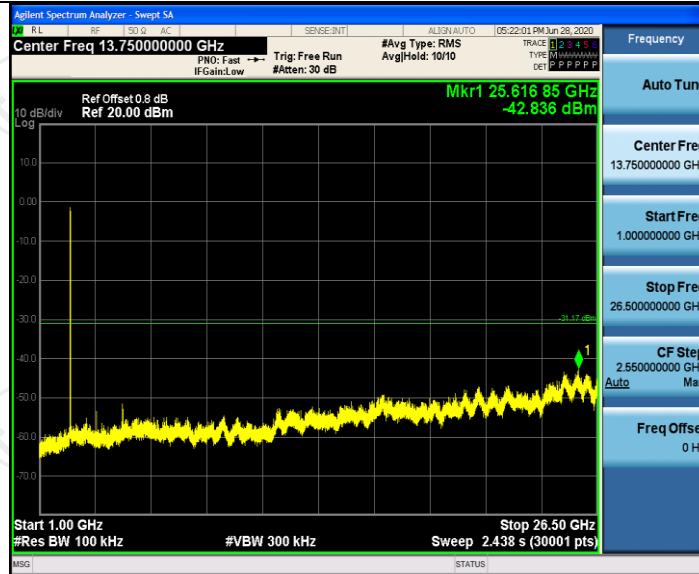
#### Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.17	-1.17	---	PASS
			30~1000	30~1000	-60.372	<=-31.166	PASS
			1000~26500	1000~26500	-42.836	<=-31.166	PASS
		2437	Reference	-0.81	-0.81	---	PASS
			30~1000	30~1000	-60.389	<=-30.813	PASS
			1000~26500	1000~26500	-43.081	<=-30.813	PASS
		2462	Reference	-1.49	-1.49	---	PASS
			30~1000	30~1000	-58.39	<=-31.489	PASS
			1000~26500	1000~26500	-43.322	<=-31.489	PASS
11G	Ant1	2412	Reference	-4.95	-4.95	---	PASS
			30~1000	30~1000	-58.274	<=-34.951	PASS
			1000~26500	1000~26500	-41.756	<=-34.951	PASS
		2437	Reference	-1.79	-1.79	---	PASS
			30~1000	30~1000	-59.935	<=-31.788	PASS
			1000~26500	1000~26500	-42.773	<=-31.788	PASS
		2462	Reference	-1.74	-1.74	---	PASS
			30~1000	30~1000	-59.239	<=-31.736	PASS
			1000~26500	1000~26500	-42.799	<=-31.736	PASS
11N20SISO	Ant1	2412	Reference	-5.46	-5.46	---	PASS
			30~1000	30~1000	-58.183	<=-35.462	PASS
			1000~26500	1000~26500	-43.251	<=-35.462	PASS
		2437	Reference	-4.05	-4.05	---	PASS
			30~1000	30~1000	-60.061	<=-34.049	PASS
			1000~26500	1000~26500	-42.683	<=-34.049	PASS
		2462	Reference	-3.97	-3.97	---	PASS
			30~1000	30~1000	-58.473	<=-33.967	PASS
			1000~26500	1000~26500	-42.812	<=-33.967	PASS

Test Graphs



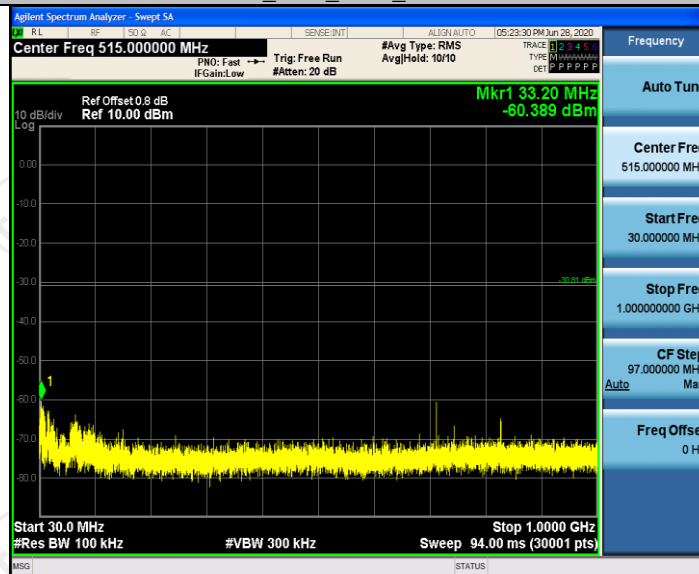
11B\_Ant1\_2412\_1000~26500



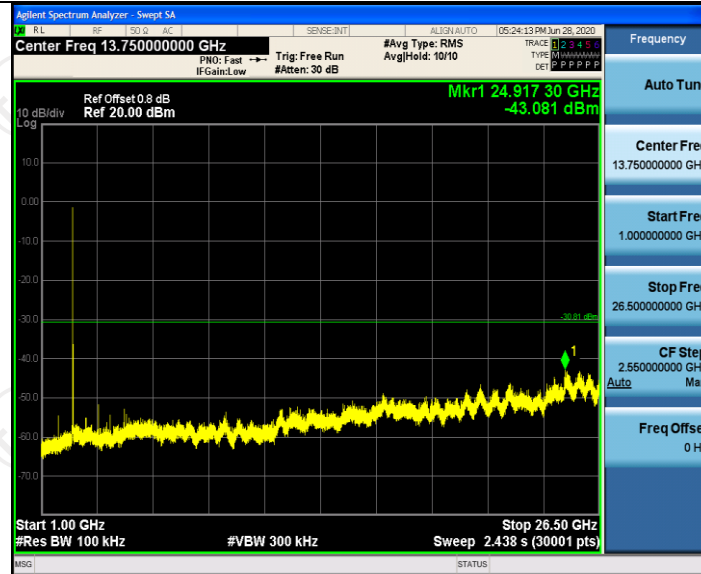
11B\_Ant1\_2437\_0-Reference



11B\_Ant1\_2437\_30~1000



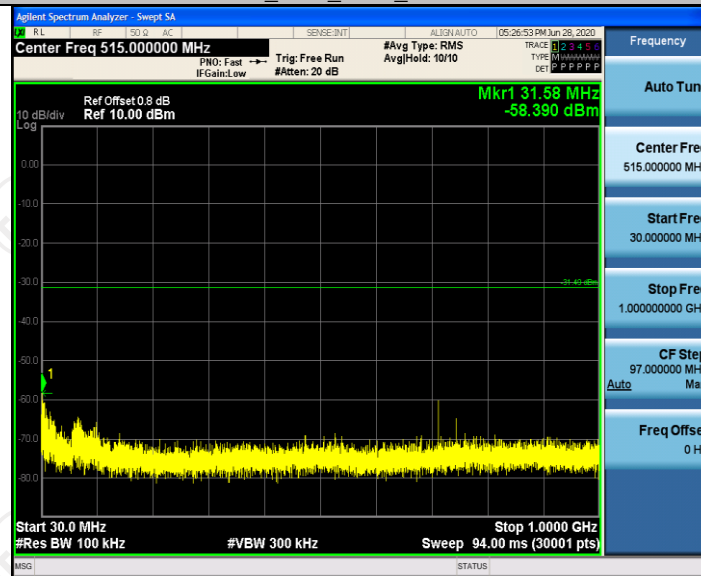
11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0-Reference

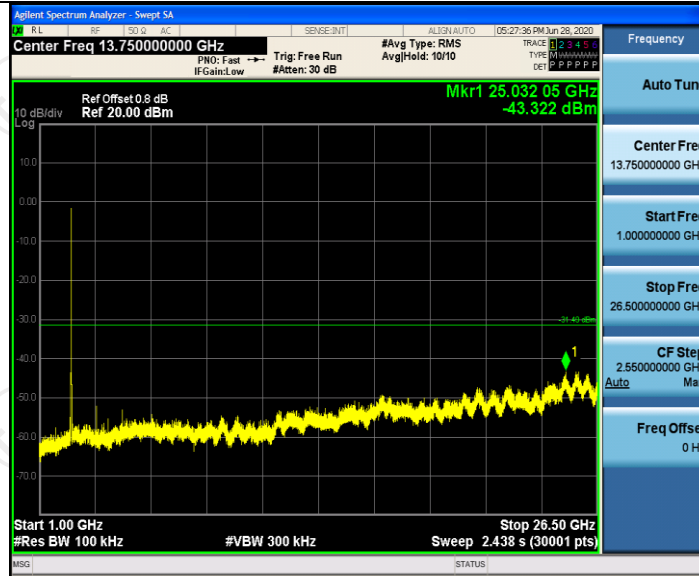


11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500

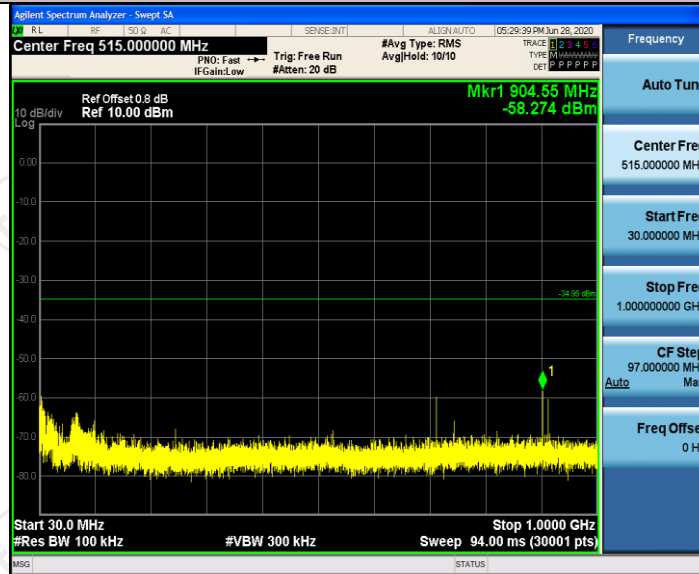




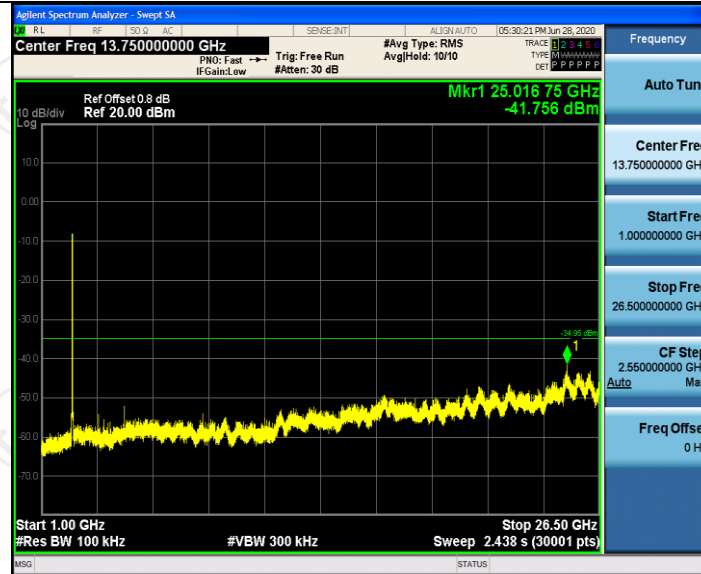
11G\_Ant1\_2412\_0~Reference



11G\_Ant1\_2412\_30~1000



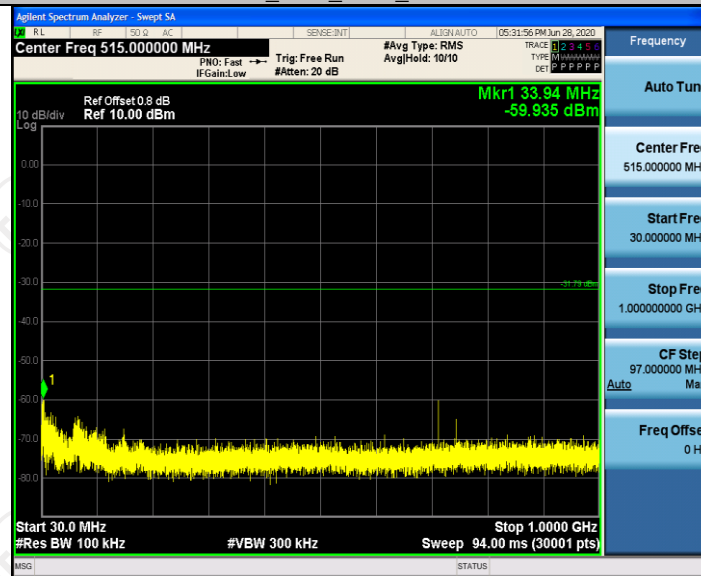
11G\_Ant1\_2412\_1000~26500



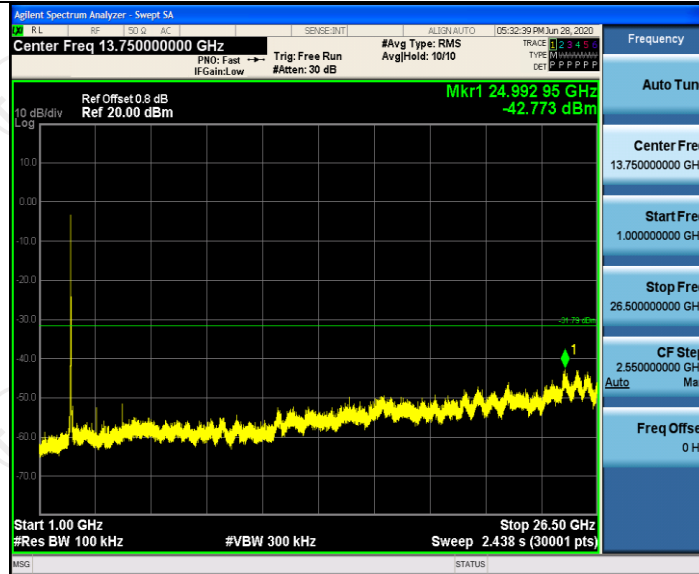
11G\_Ant1\_2437\_0-Reference



11G\_Ant1\_2437\_30~1000



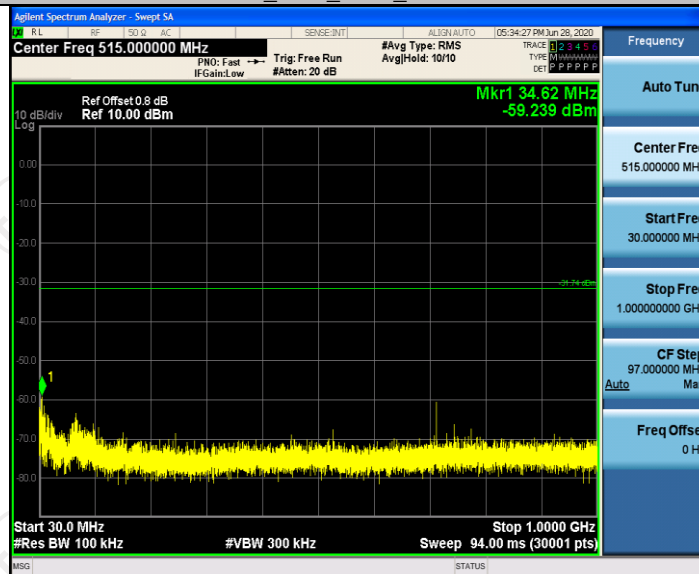
11G\_Ant1\_2437\_1000~26500



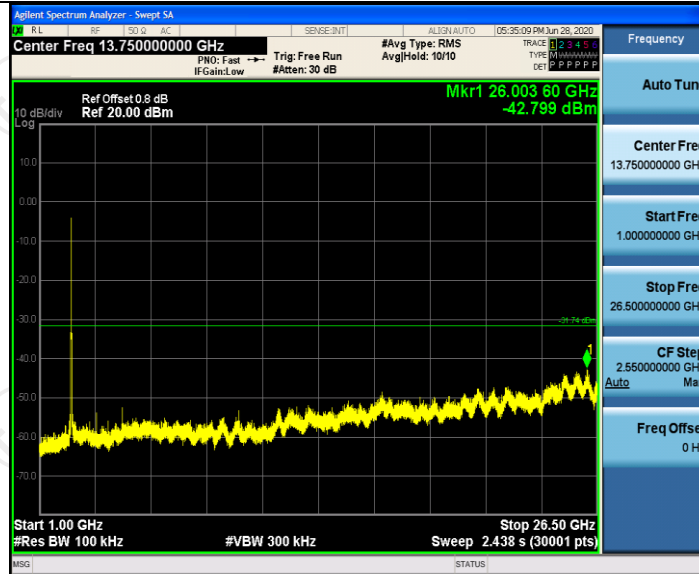
11G\_Ant1\_2462\_0-Reference



11G\_Ant1\_2462\_30~1000



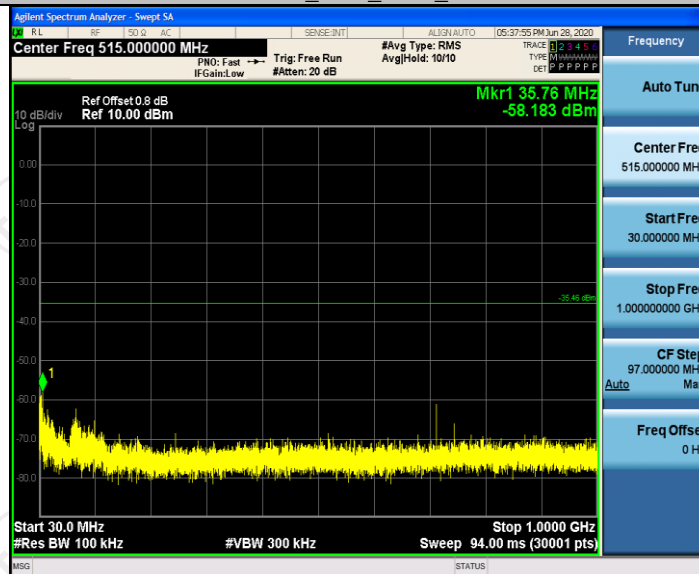
11G\_Ant1\_2462\_1000~26500



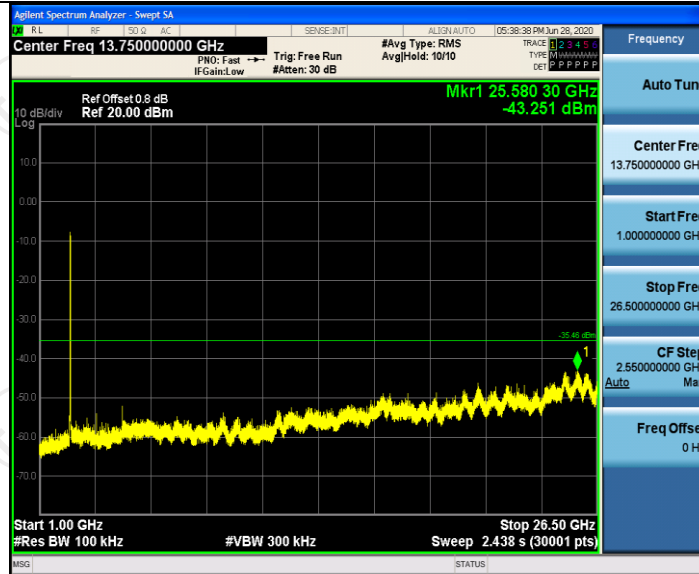
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000



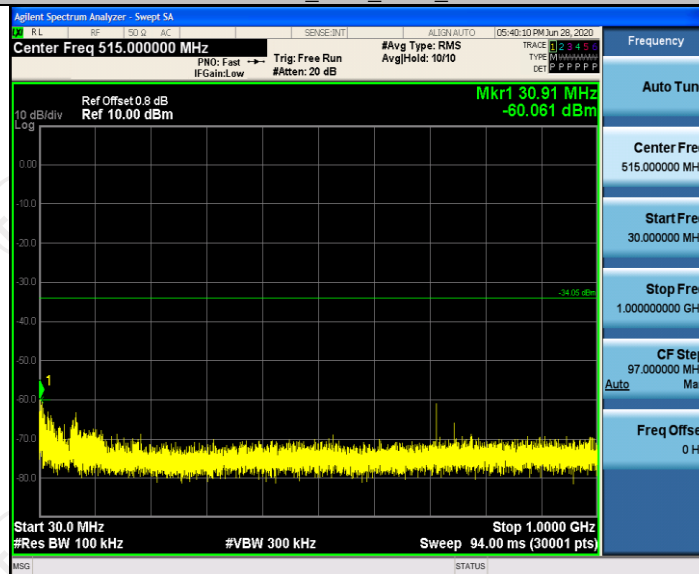
11N20SISO\_Ant1\_2412\_1000~26500



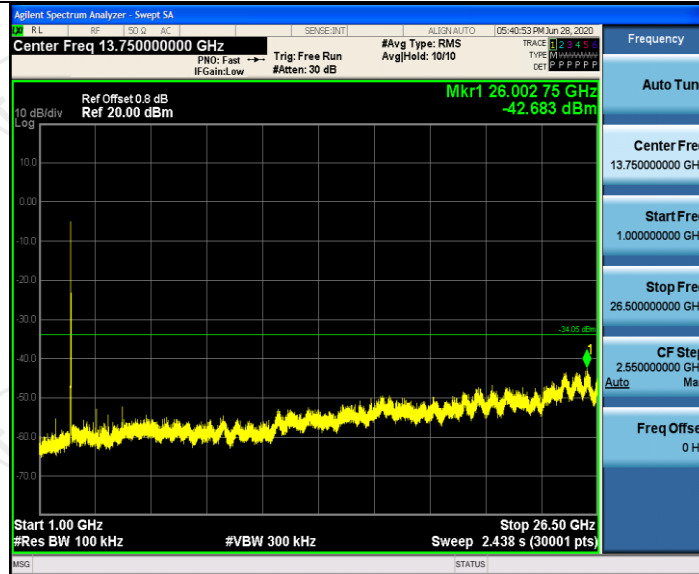
11N20SISO\_Ant1\_2437\_0~Reference



11N20SISO\_Ant1\_2437\_30~1000



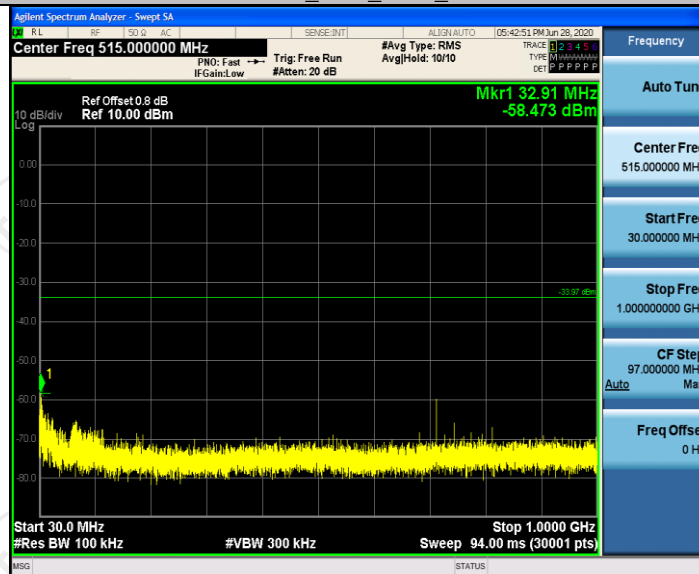
11N20SISO\_Ant1\_2437\_1000~26500



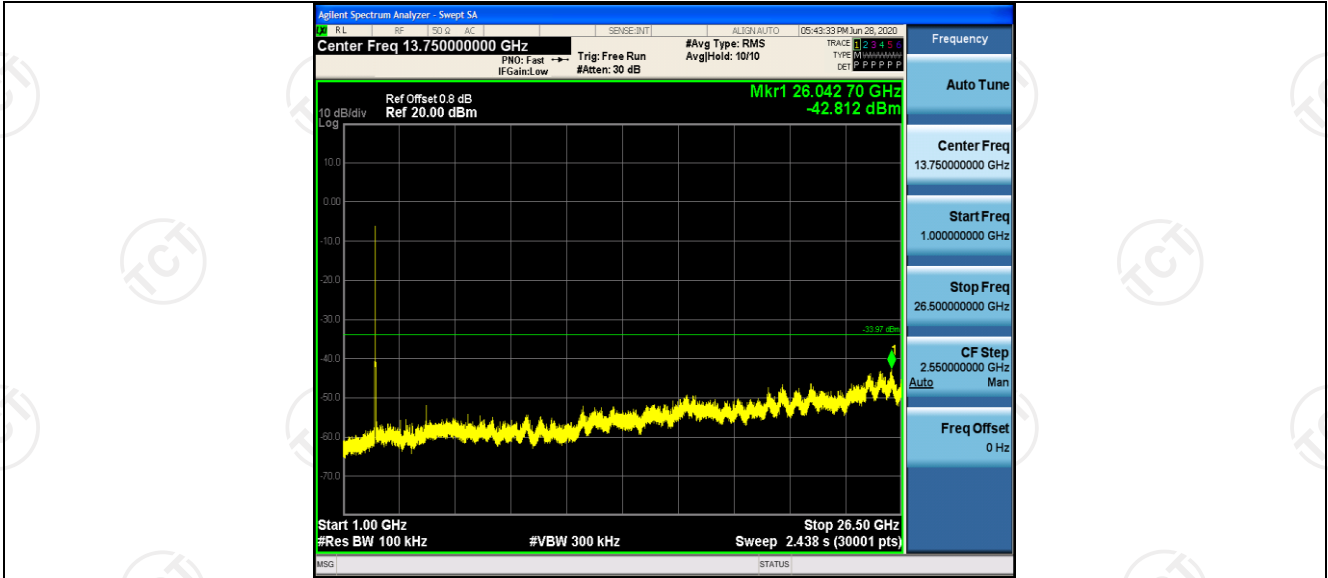
11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



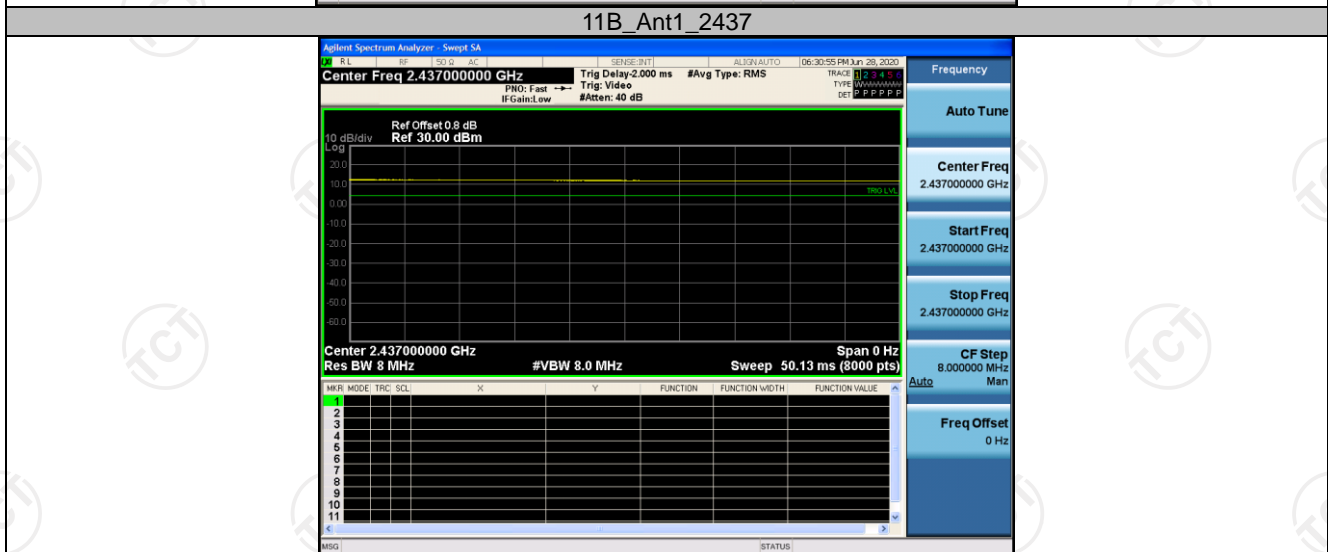
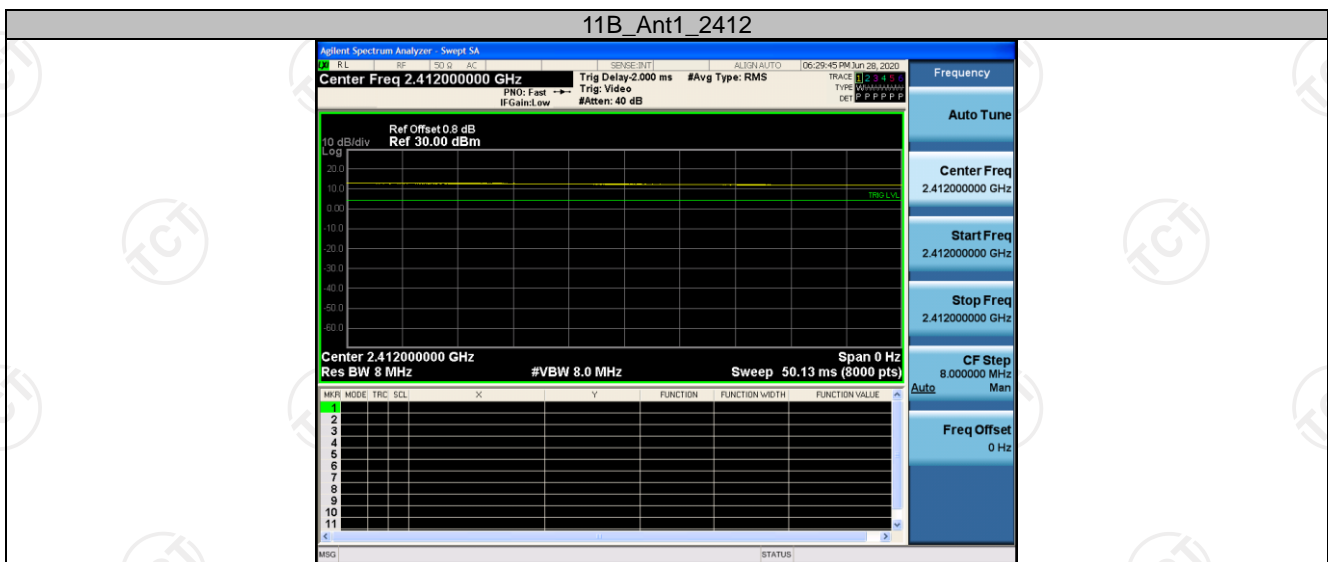


## Duty Cycle

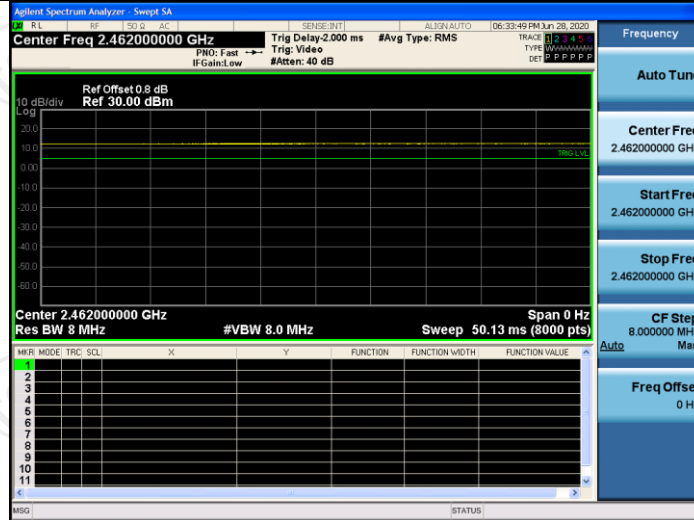
### Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	50.00	50.00	100	---	PASS
		2437	50.00	50.00	100	---	PASS
		2462	50.00	50.00	100	---	PASS
11G	Ant1	2412	50.00	50.00	100	---	PASS
		2437	50.00	50.00	100	---	PASS
		2462	50.00	50.00	100	---	PASS
11N20SISO	Ant1	2412	50.00	50.00	100	---	PASS
		2437	50.00	50.00	100	---	PASS
		2462	50.00	50.00	100	---	PASS

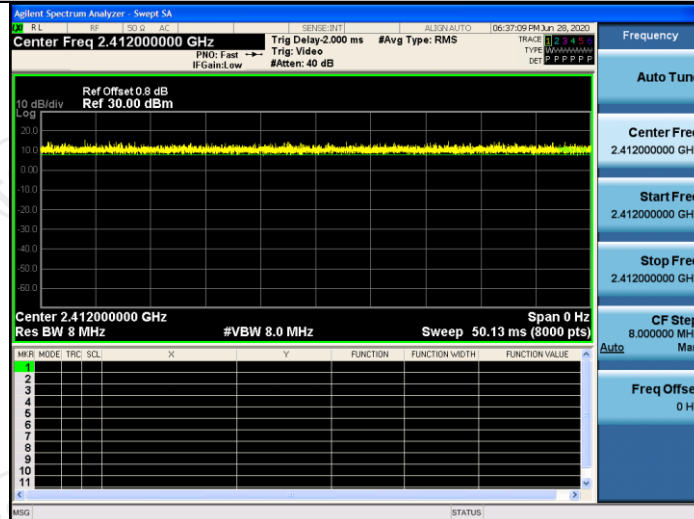
### Test Graphs



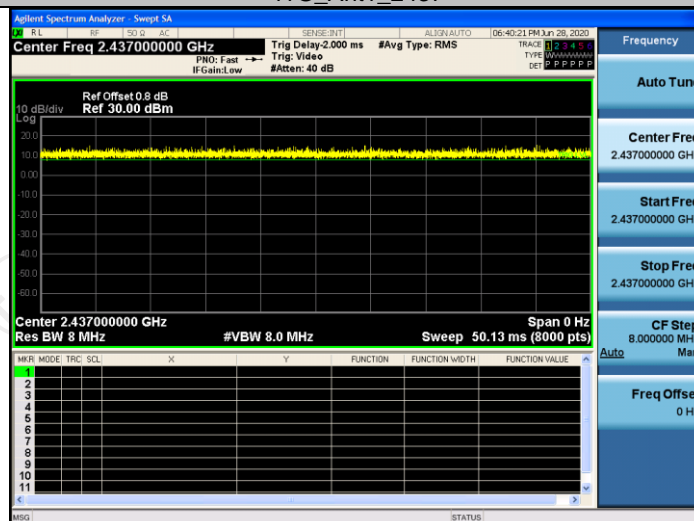
11B\_Ant1\_2462



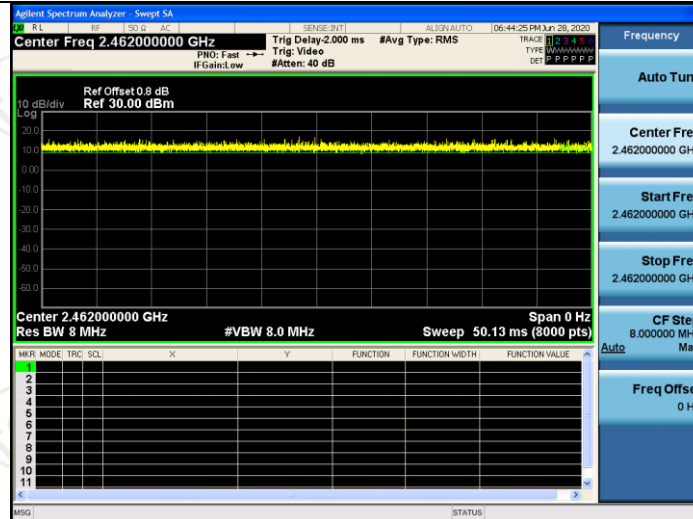
11G\_Ant1\_2412



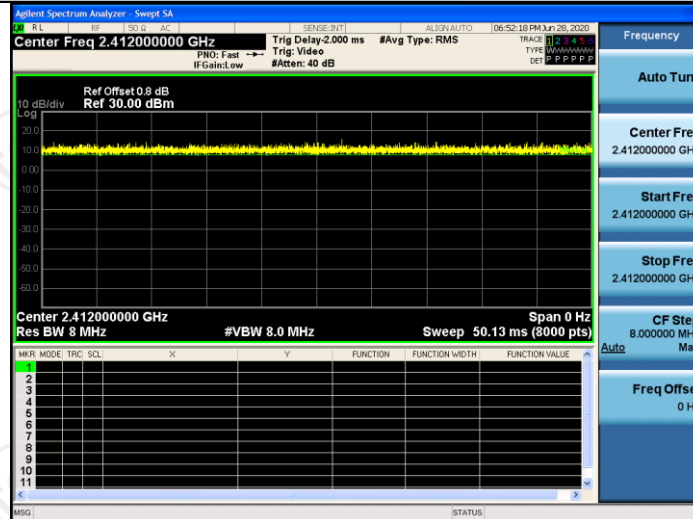
11G\_Ant1\_2437



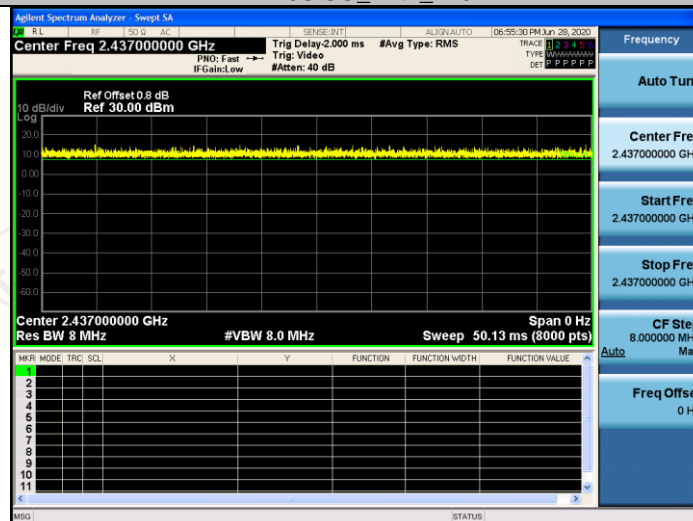
11G\_Ant1\_2462



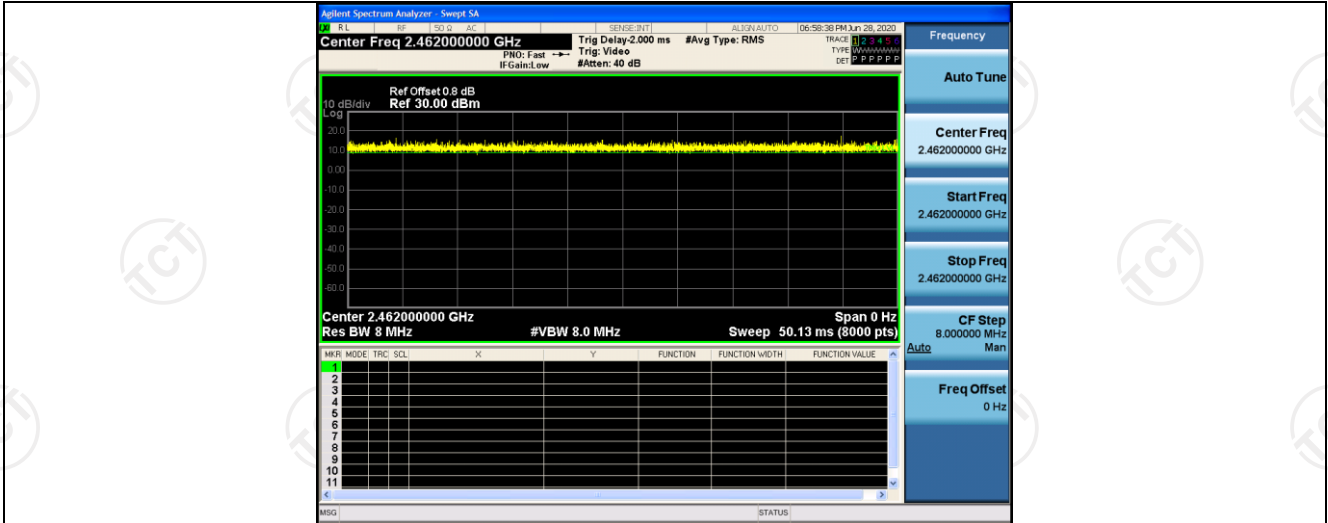
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## Appendix B: Photographs of Test Setup

Refer to test report TCT200624E026

## Appendix C: Photographs of EUT

Refer to test report TCT200624E026

**\*\*\*\*\*END OF REPORT\*\*\*\*\***