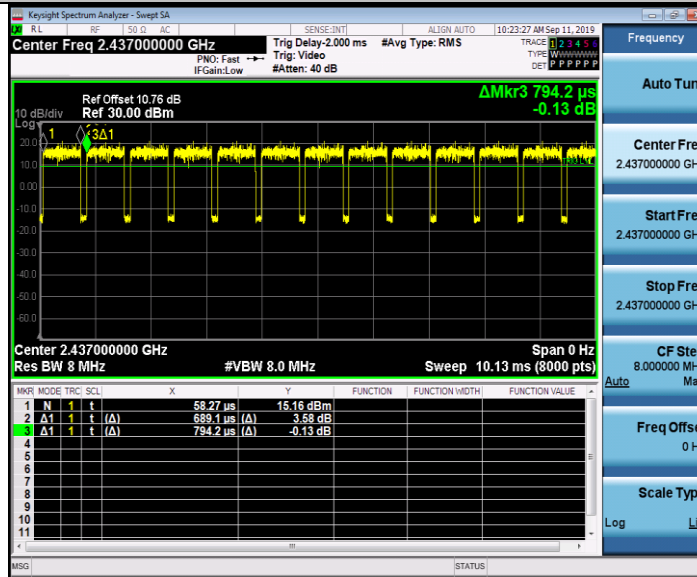
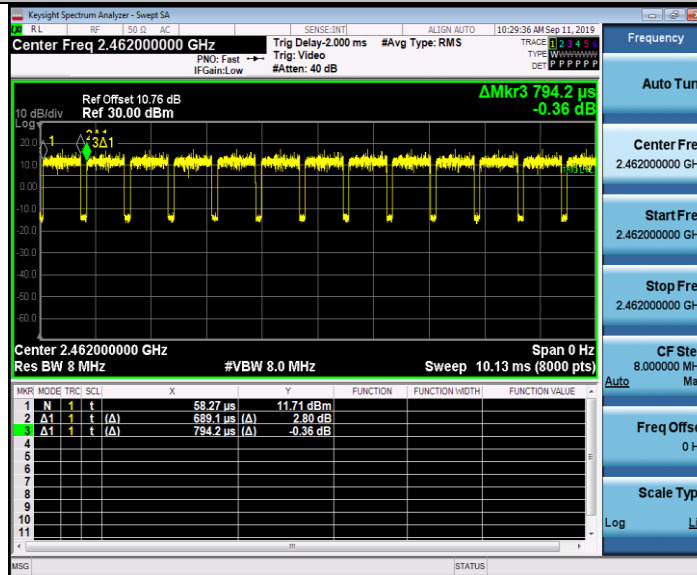


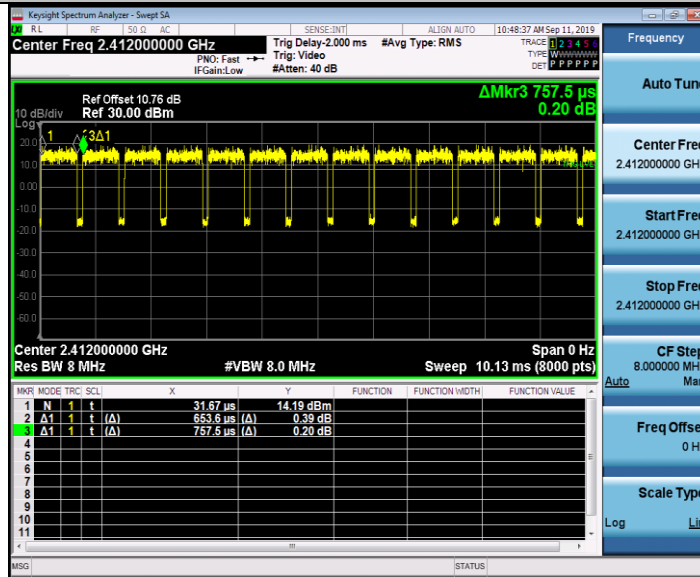
## 11G\_Ant1\_2437



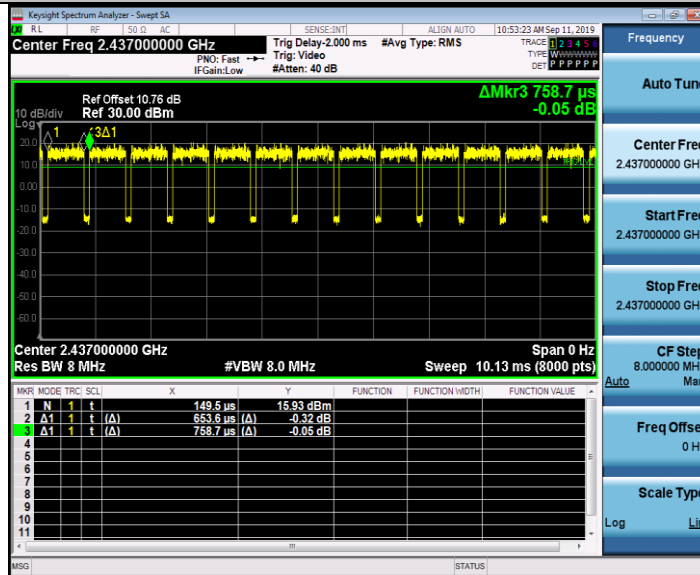
## 11G\_Ant1\_2462



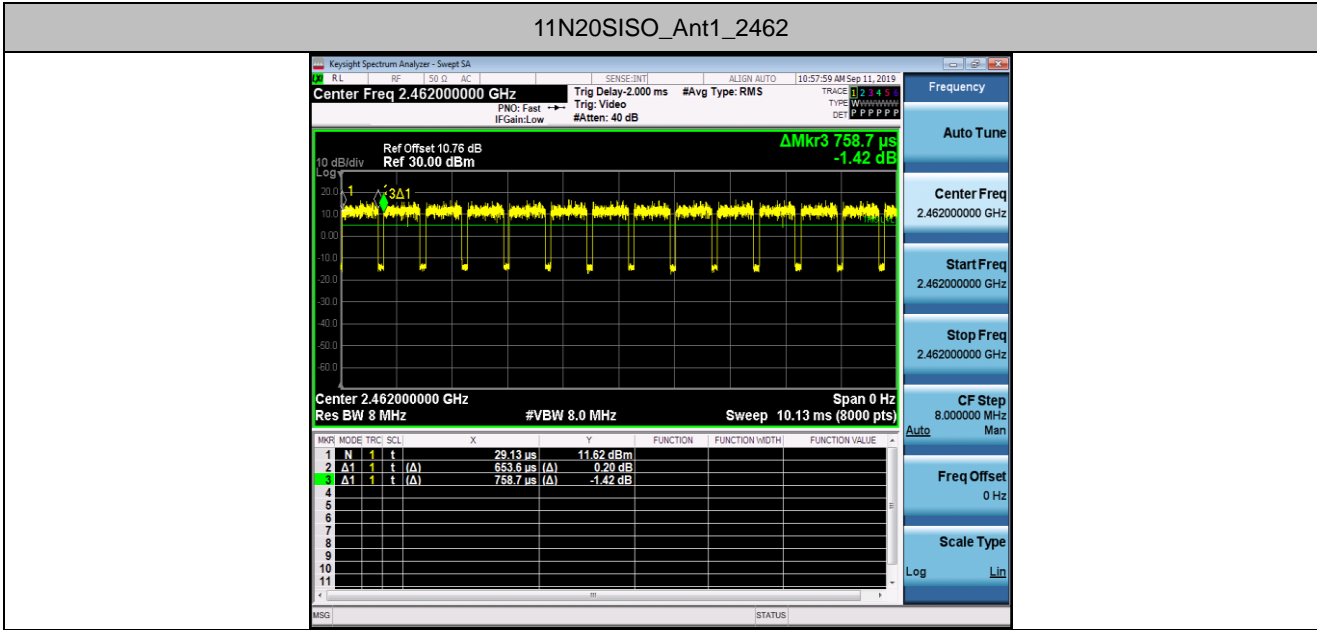
## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## Appendix E: Maximum power spectral density

### Test Result

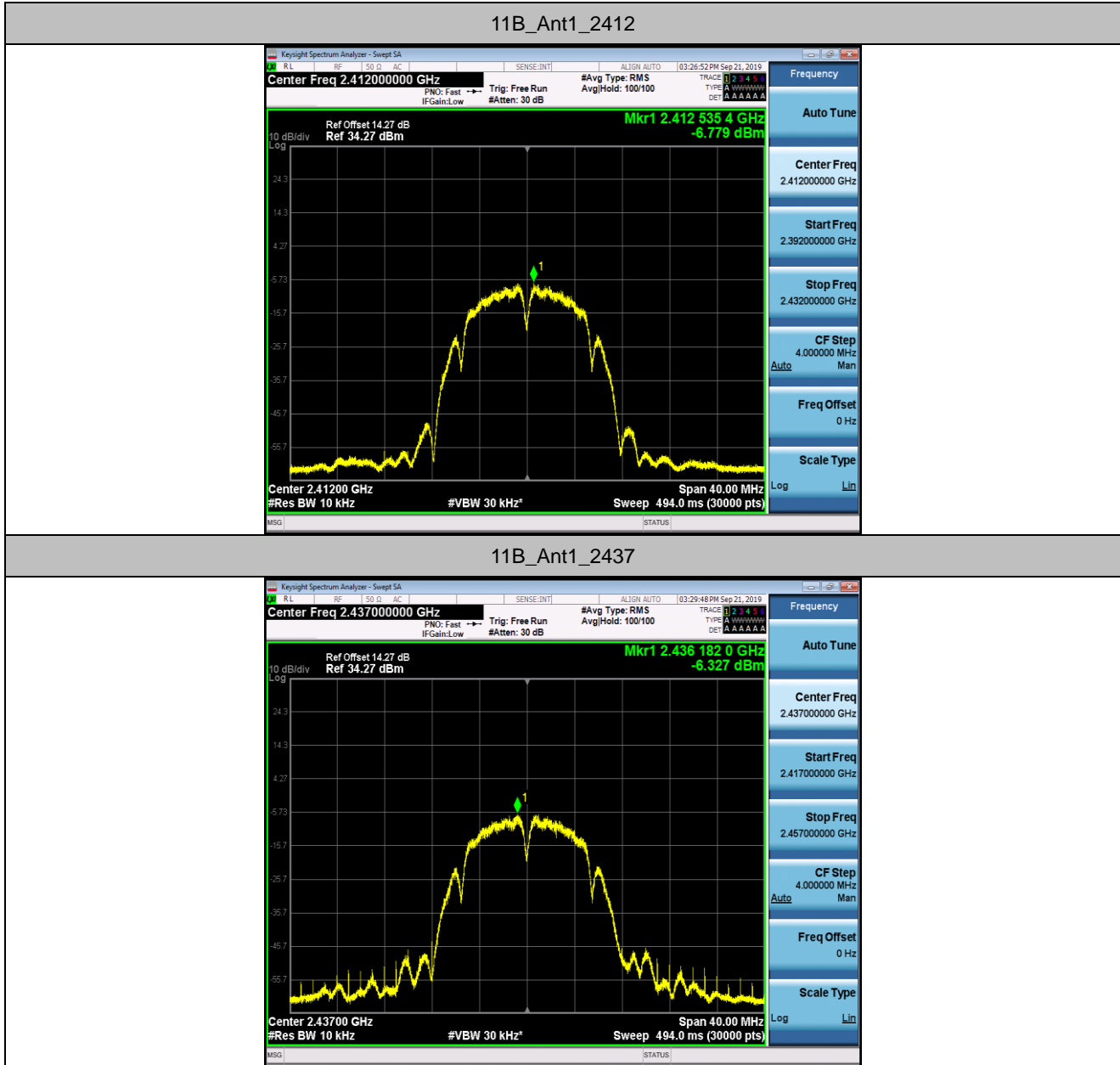
TestMode	Antenna	Channel	Meas.Level [dBm]	DT (%)	10 log (1/x)	AV.PSD [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	-6.78	88.87	0.51	-6.27	<=13.23	PASS
		2437	-6.33	88.87	0.51	-5.82	<=13.23	PASS
		2462	-5.5	88.87	0.51	-4.99	<=13.23	PASS
11G	Ant1	2412	-8.33	86.78	0.62	-7.71	<=13.23	PASS
		2437	-1.07	86.76	0.62	-0.45	<=13.23	PASS
		2462	-7.7	86.76	0.62	-7.08	<=13.23	PASS
11N20SISO	Ant1	2412	-9.69	86.29	0.64	-9.05	<=13.23	PASS
		2437	-8.06	86.14	0.65	-7.41	<=13.23	PASS
		2462	-8.23	86.14	0.65	-7.58	<=13.23	PASS

Note:

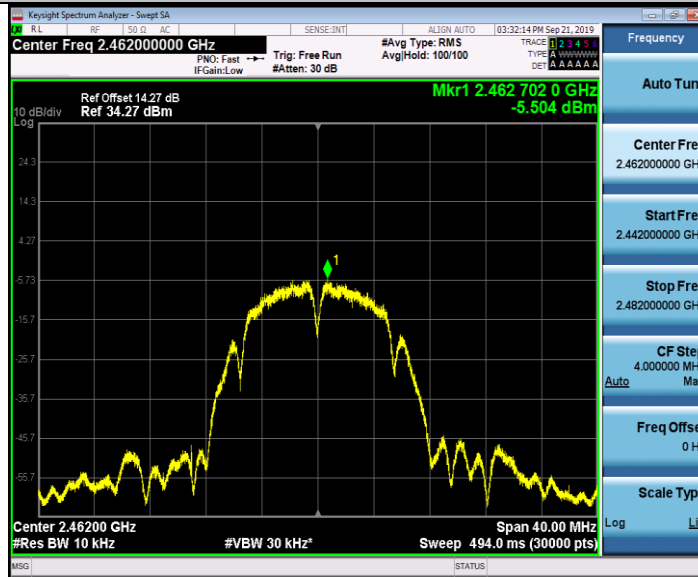
calculating the RBW=10kHz limit

$8(\text{limit for RBW=3kHz})+10*\log(10/3)= 13.23$

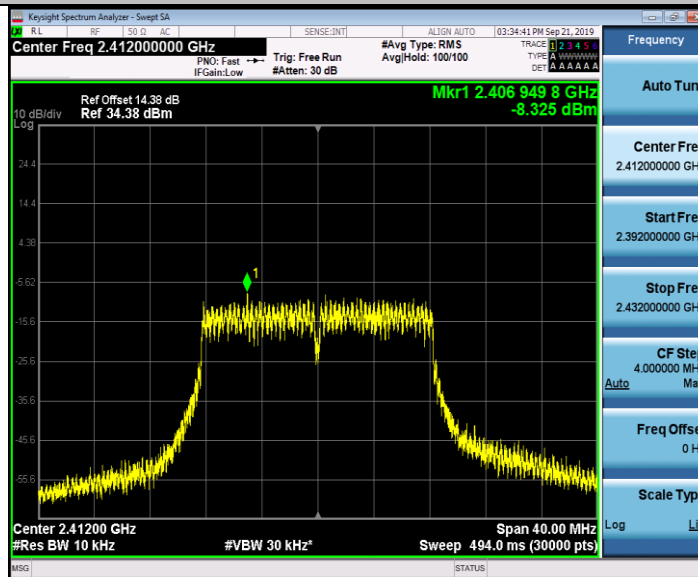
### 6.1.1 Test Graphs



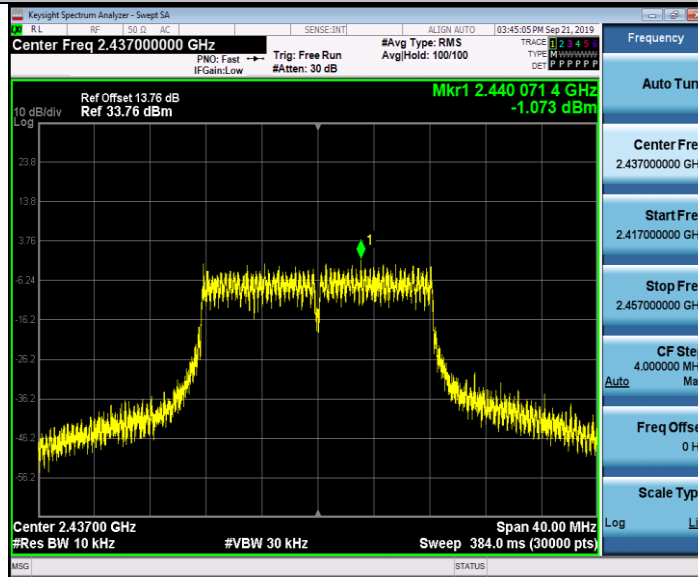
11B\_Ant1\_2462



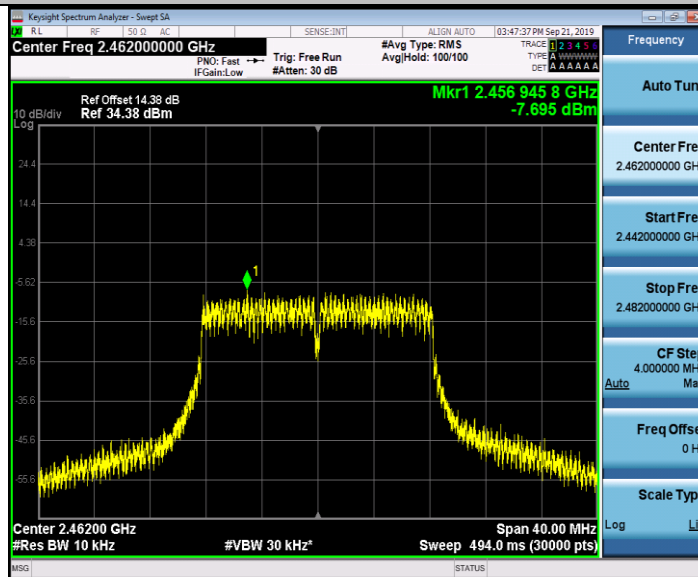
11G\_Ant1\_2412



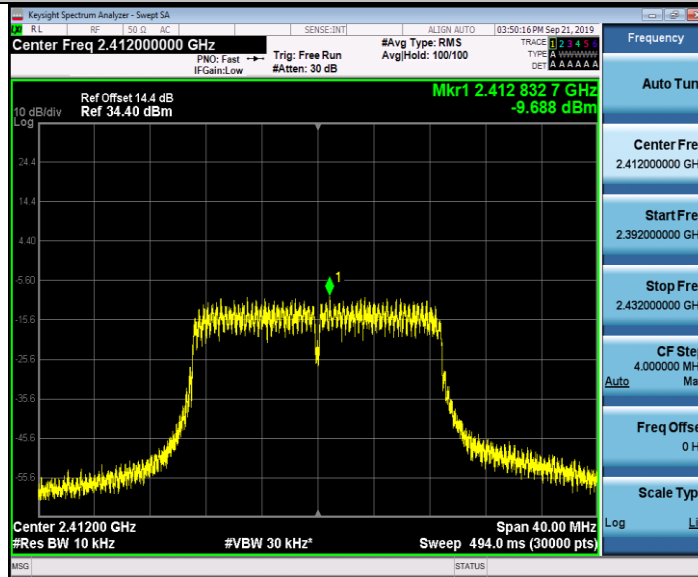
11G\_Ant1\_2437



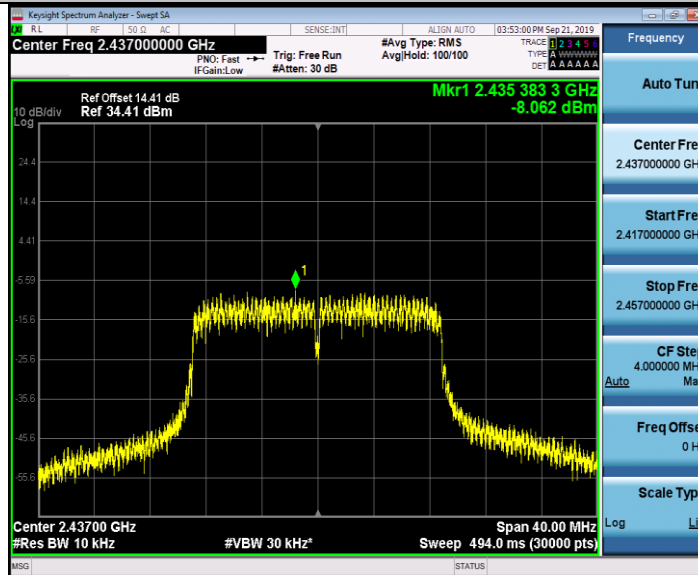
11G\_Ant1\_2462



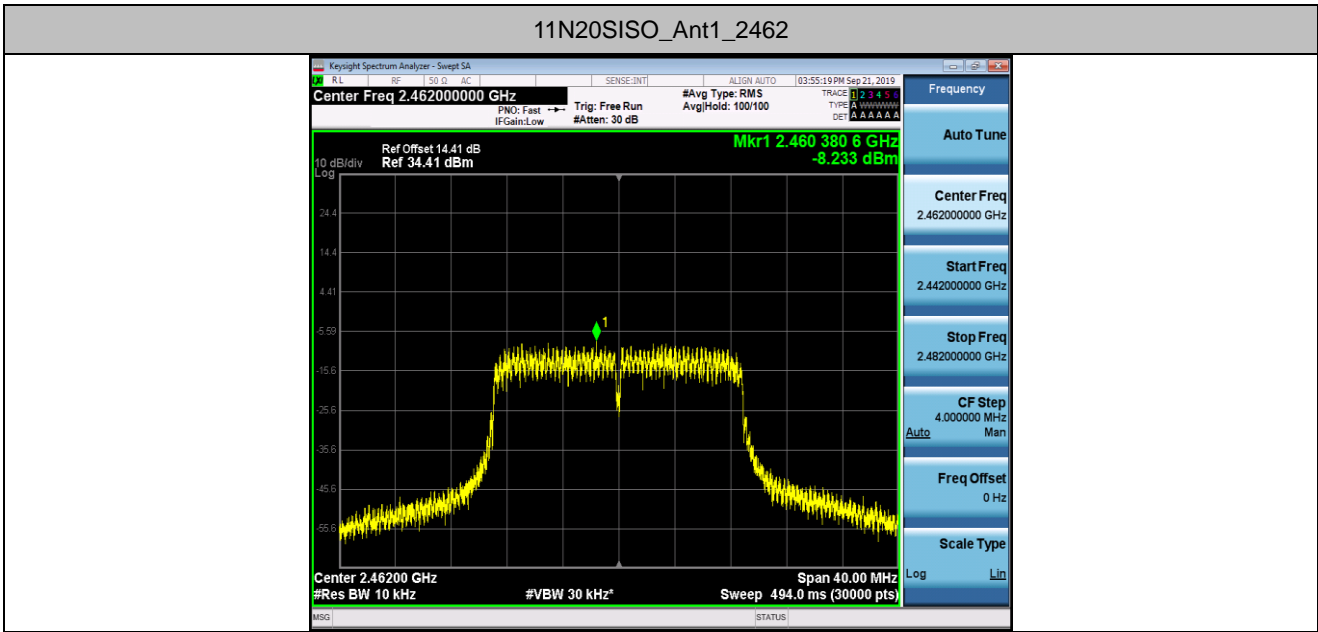
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437





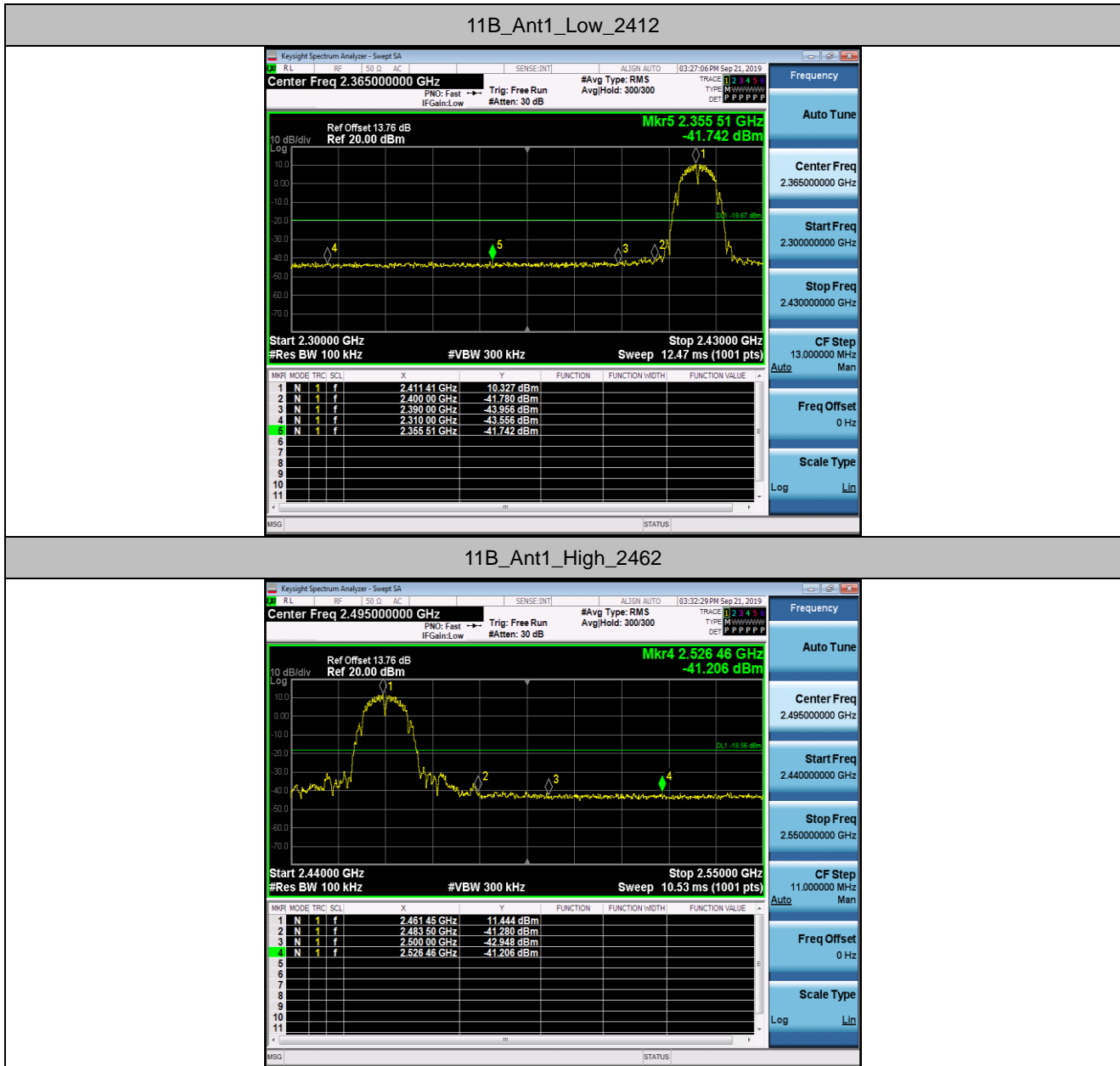


## Appendix F: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.33	-41.74	<=-19.67	PASS
		High	2462	11.44	-41.21	<=-18.56	PASS
11G	Ant1	Low	2412	6.70	-39.68	<=-23.3	PASS
		High	2462	8.08	-40.76	<=-21.92	PASS
11N20SISO	Ant1	Low	2412	6.65	-37.6	<=-23.35	PASS
		High	2462	8.08	-40.68	<=-21.92	PASS

### 6.1.2 Test Graphs



11G\_Ant1\_Low\_2412



11G\_Ant1\_High\_2462



## 11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462

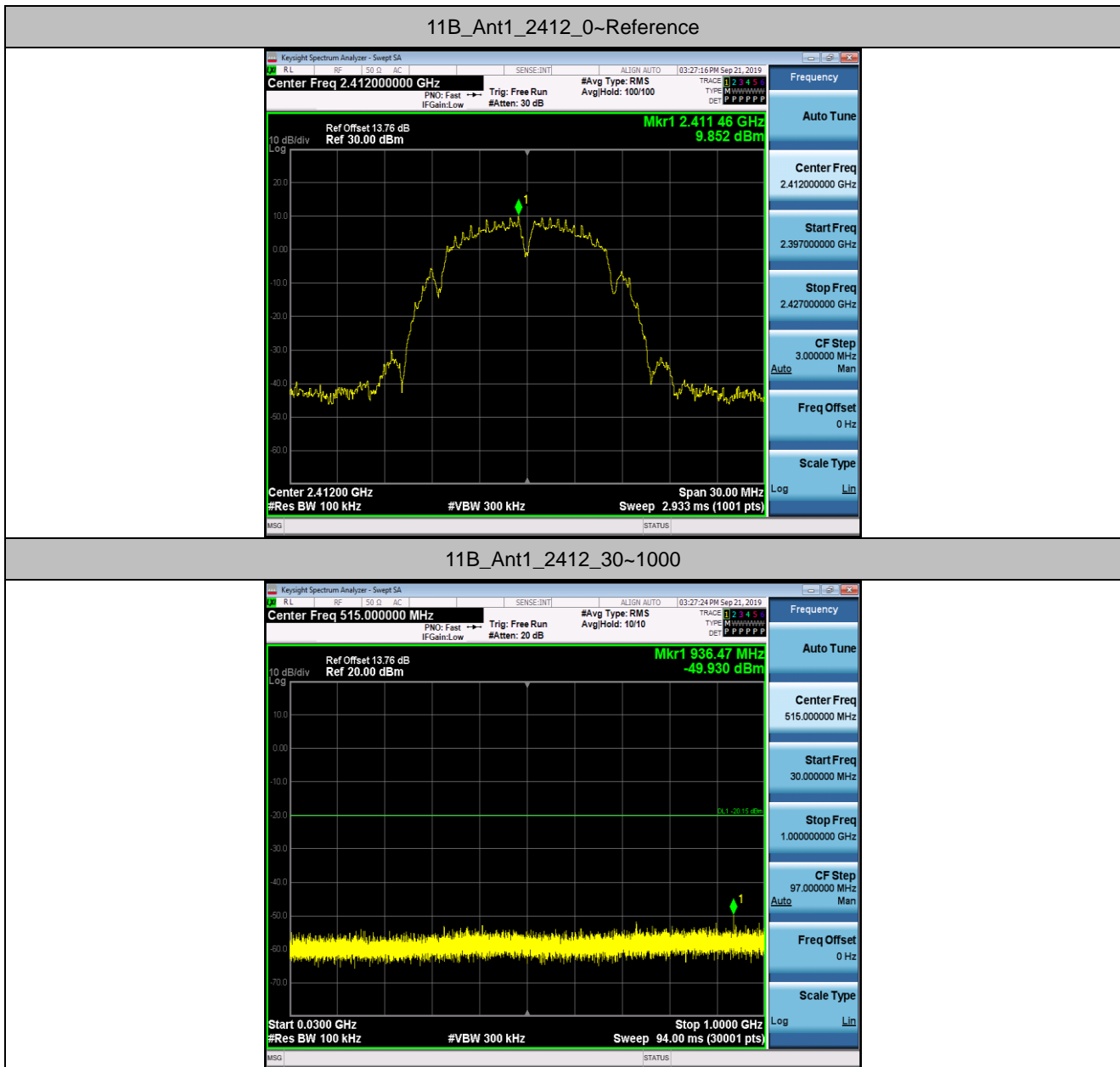


## Appendix G: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.85	9.85	---	PASS
			30~1000	30~1000	-49.93	<=-20.148	PASS
			1000~26500	1000~26500	-32.427	<=-20.148	PASS
		2437	Reference	10.66	10.66	---	PASS
			30~1000	30~1000	-52.038	<=-19.34	PASS
			1000~26500	1000~26500	-32.931	<=-19.34	PASS
		2462	Reference	11.02	11.02	---	PASS
			30~1000	30~1000	-52.42	<=-18.984	PASS
			1000~26500	1000~26500	-32.874	<=-18.984	PASS
11G	Ant1	2412	Reference	6.18	6.18	---	PASS
			30~1000	30~1000	-50.962	<=-23.817	PASS
			1000~26500	1000~26500	-33.184	<=-23.817	PASS
		2437	Reference	7.62	7.62	---	PASS
			30~1000	30~1000	-52.768	<=-22.377	PASS
			1000~26500	1000~26500	-32.173	<=-22.377	PASS
		2462	Reference	8.13	8.13	---	PASS
			30~1000	30~1000	-52.64	<=-21.866	PASS
			1000~26500	1000~26500	-32.186	<=-21.866	PASS
11N20SISO	Ant1	2412	Reference	6.33	6.33	---	PASS
			30~1000	30~1000	-52.96	<=-23.669	PASS
			1000~26500	1000~26500	-31.762	<=-23.669	PASS
		2437	Reference	7.71	7.71	---	PASS
			30~1000	30~1000	-52.945	<=-22.287	PASS
			1000~26500	1000~26500	-32.464	<=-22.287	PASS
		2462	Reference	7.67	7.67	---	PASS
			30~1000	30~1000	-51.968	<=-22.335	PASS
			1000~26500	1000~26500	-33.144	<=-22.335	PASS

### 6.1.3 Test Graphs



11B\_Ant1\_2412\_1000~26500

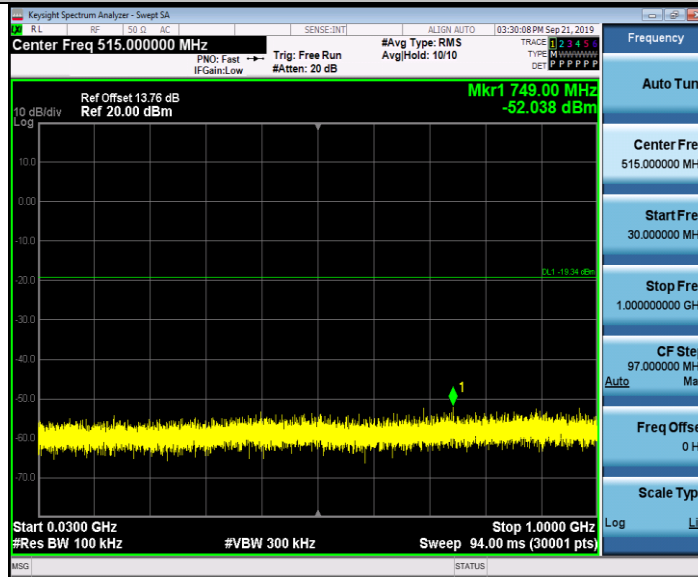


11B\_Ant1\_2437\_0~Reference





11B\_Ant1\_2437\_30~1000



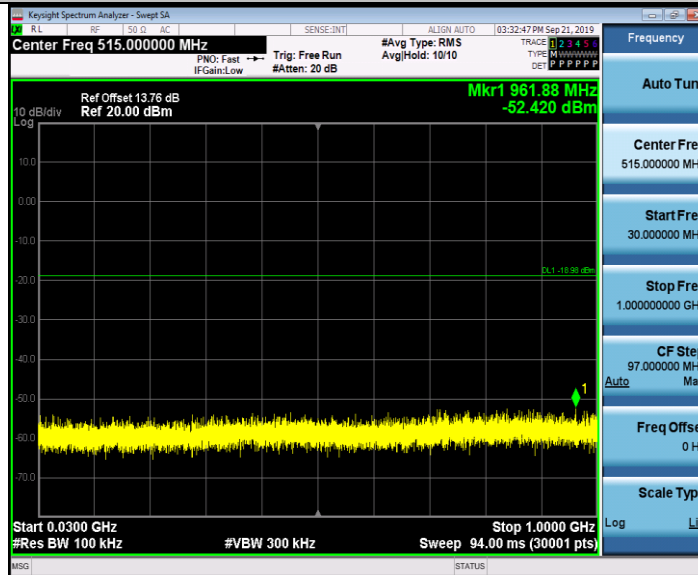
11B\_Ant1\_2437\_1000~26500



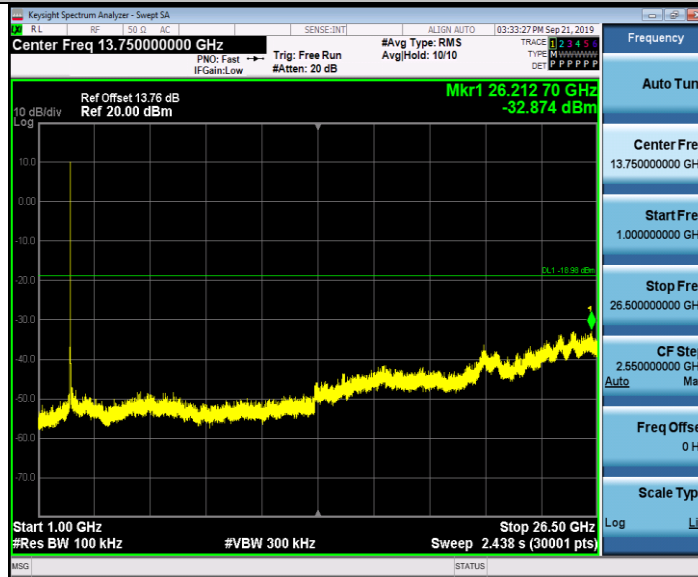
11B\_Ant1\_2462\_0~Reference



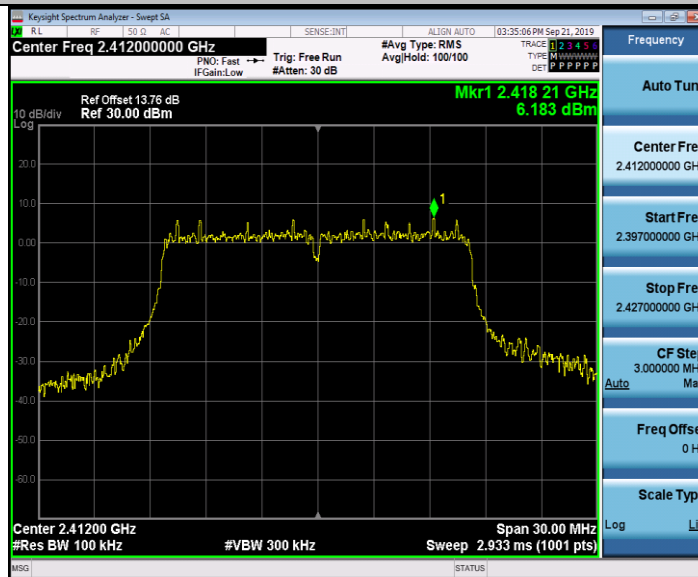
11B\_Ant1\_2462\_30~1000



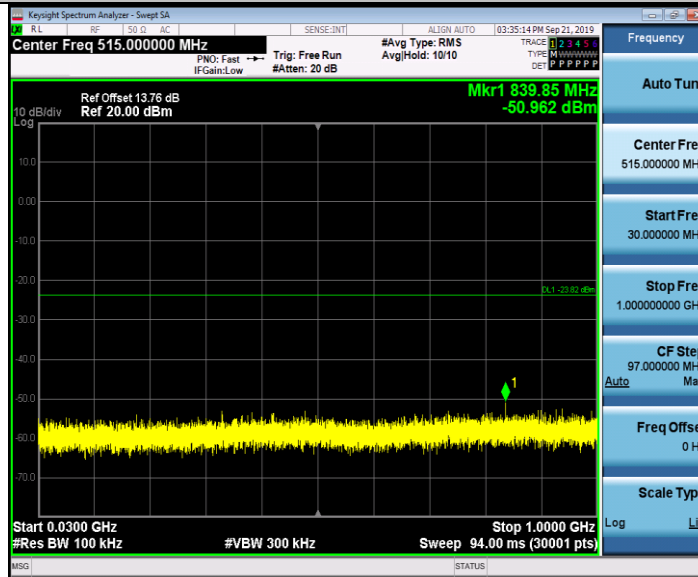
11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference



11G\_Ant1\_2412\_30~1000



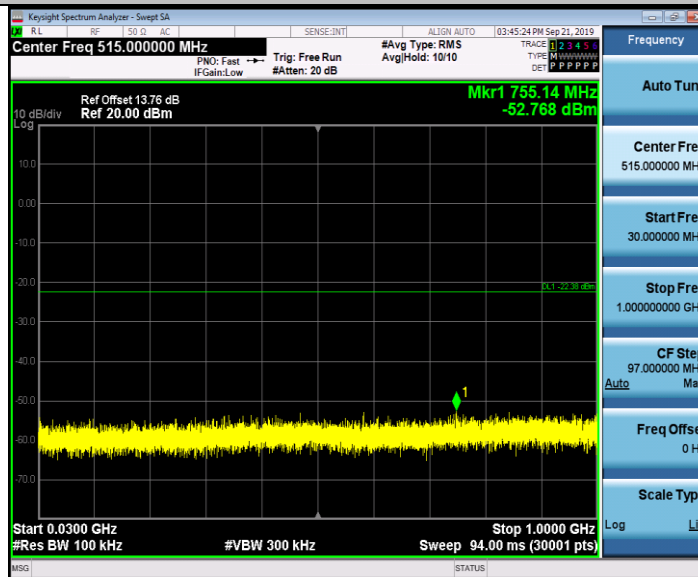
11G\_Ant1\_2412\_1000~26500



11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000



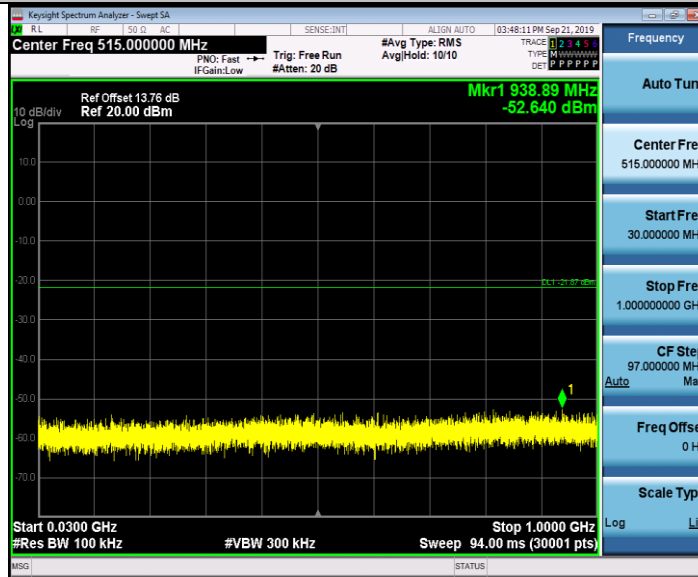
11G\_Ant1\_2437\_1000~26500



11G\_Ant1\_2462\_0~Reference



11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference

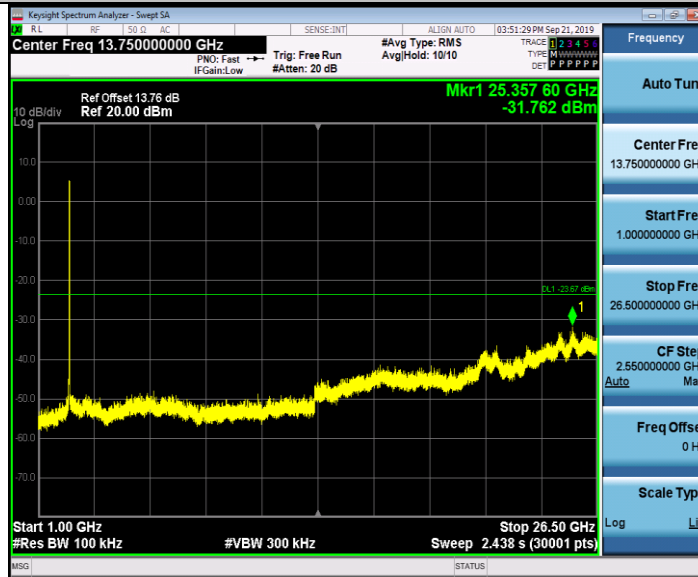


11N20SISO\_Ant1\_2412\_30~1000





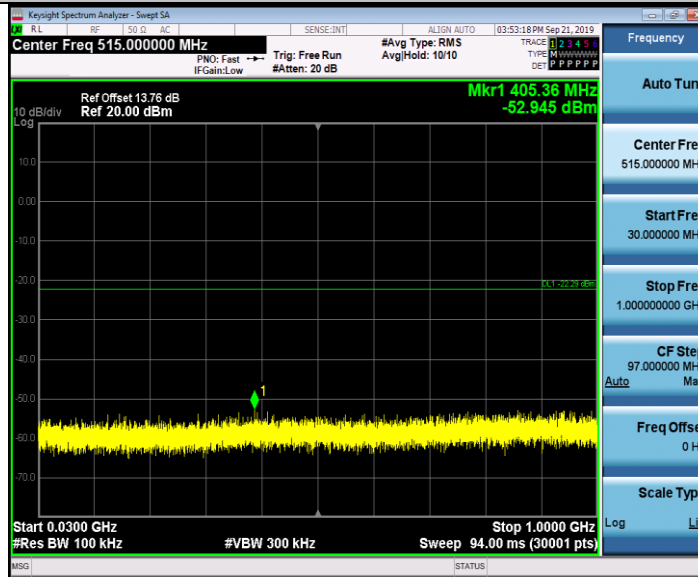
11N20SISO\_Ant1\_2412\_1000~26500



11N20SISO\_Ant1\_2437\_0~Reference



11N20SISO\_Ant1\_2437\_30~1000



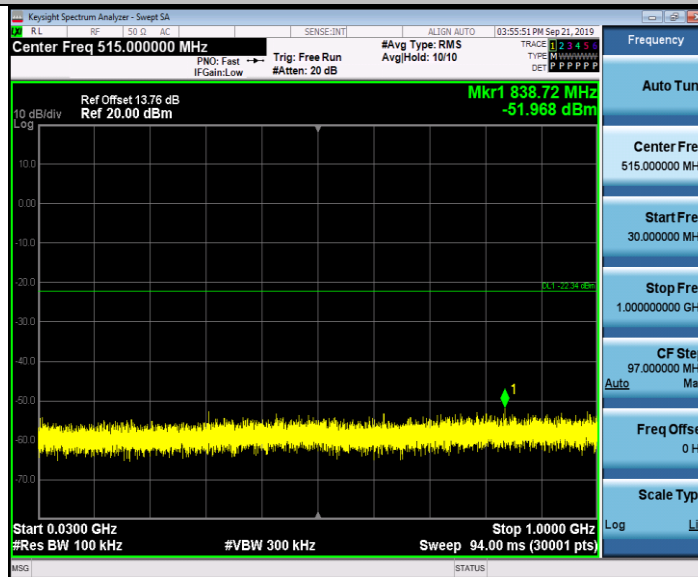
11N20SISO\_Ant1\_2437\_1000~26500

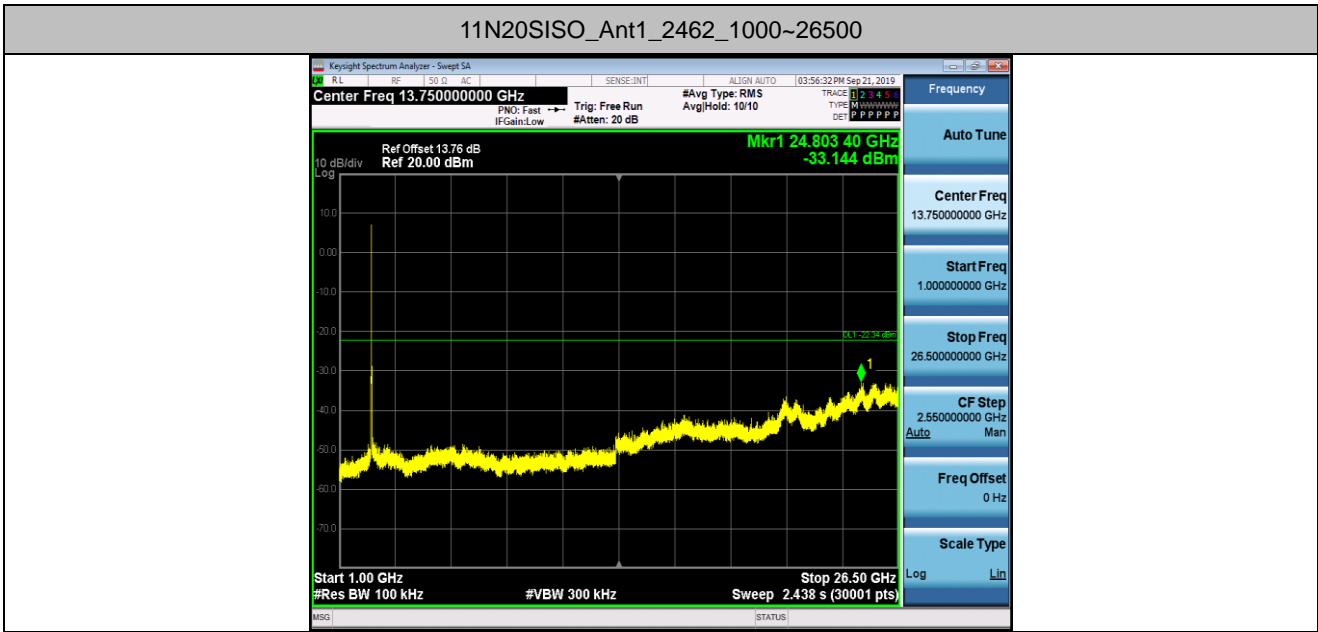


11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_30~1000





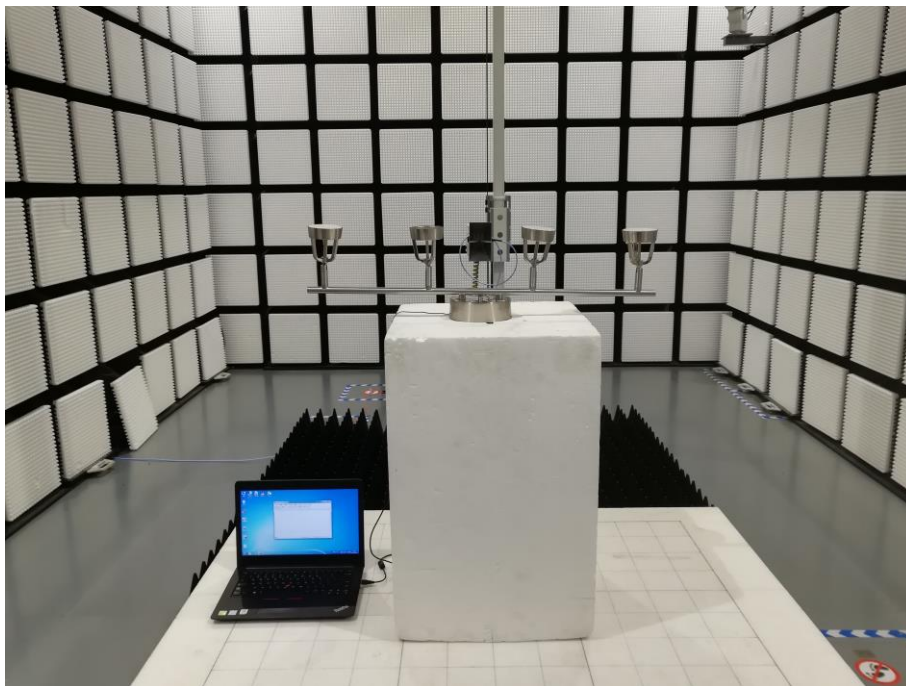
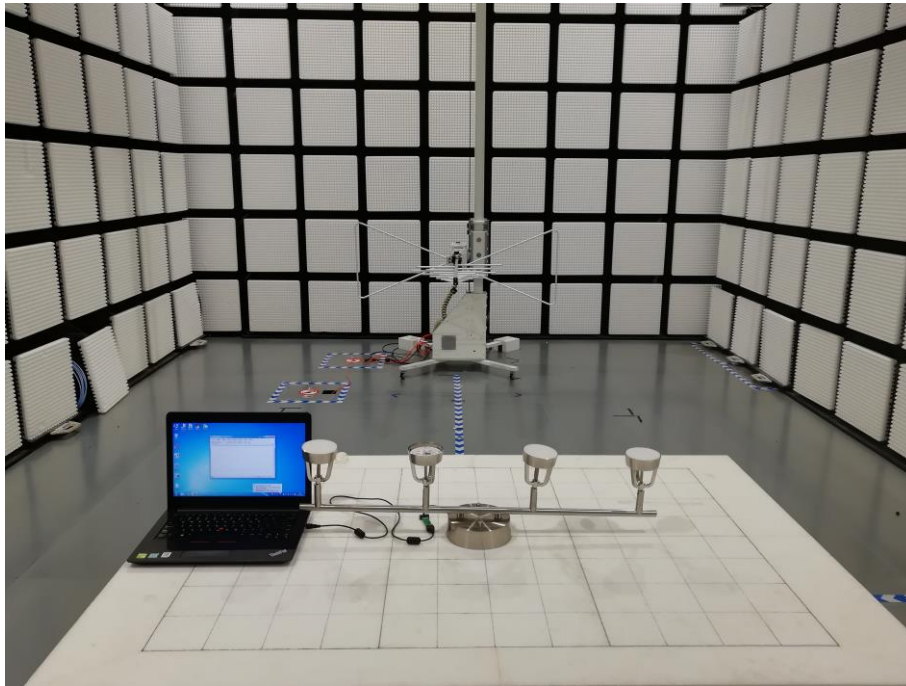
## Appendix H: Setup Photographs

AC Conducted Emission:



Radiated Emission:





-----End of the report-----