

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	-8.03	88.82	0.51	-7.52	<=18	PASS
		2437	-5.16	88.87	0.51	-4.65	<=18	PASS
		2462	-4.98	88.87	0.51	-4.47	<=18	PASS
11G	Ant1	2412	-8.60	87.18	0.60	-8	<=18	PASS
		2437	-7.66	87.18	0.60	-7.06	<=18	PASS
		2462	-7.61	86.65	0.62	-6.99	<=18	PASS
11N20SISO	Ant1	2412	-8.32	86.14	0.65	-7.67	<=18	PASS
		2437	-7.41	86	0.66	-6.75	<=18	PASS
		2462	-7.65	86	0.66	-6.99	<=18	PASS

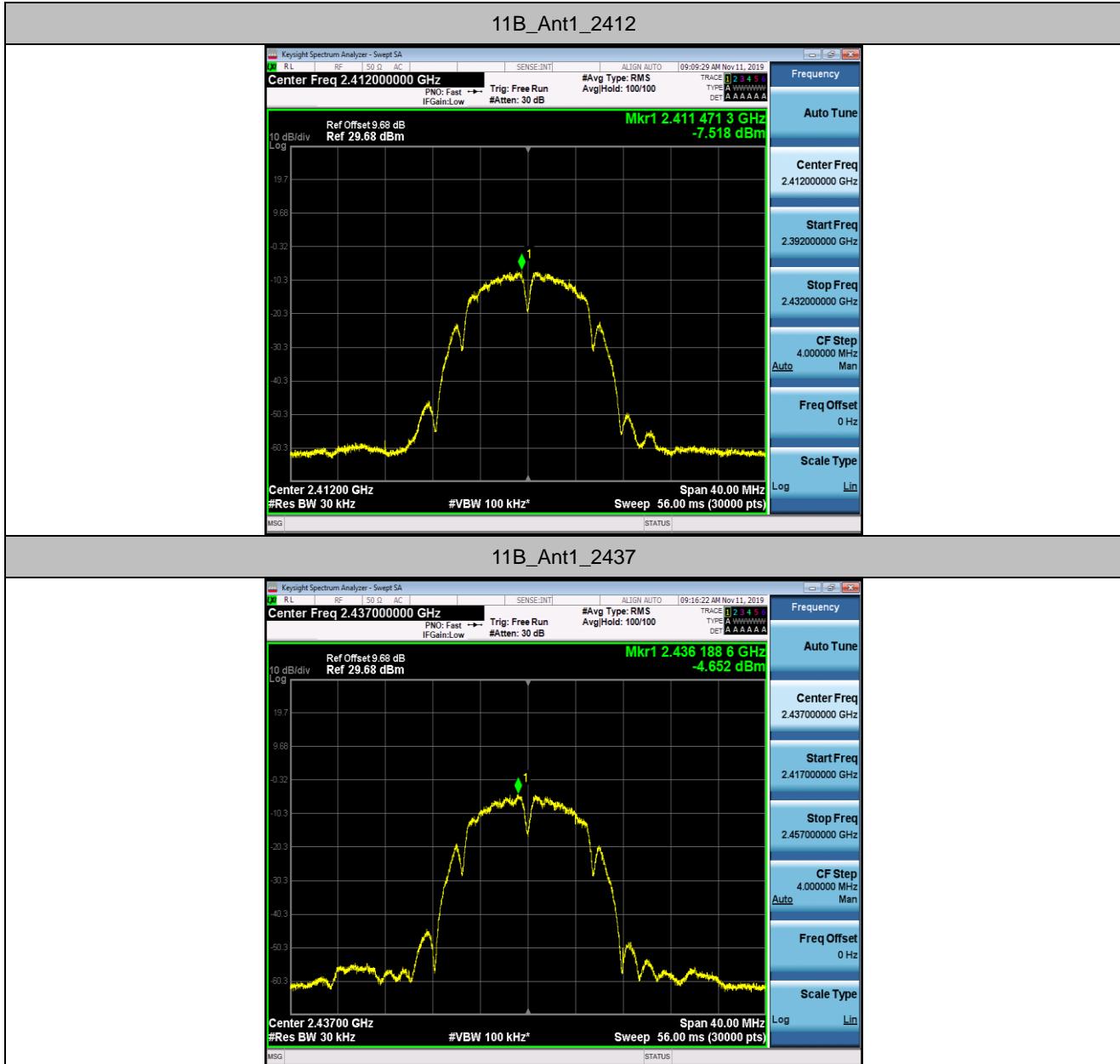
Note:

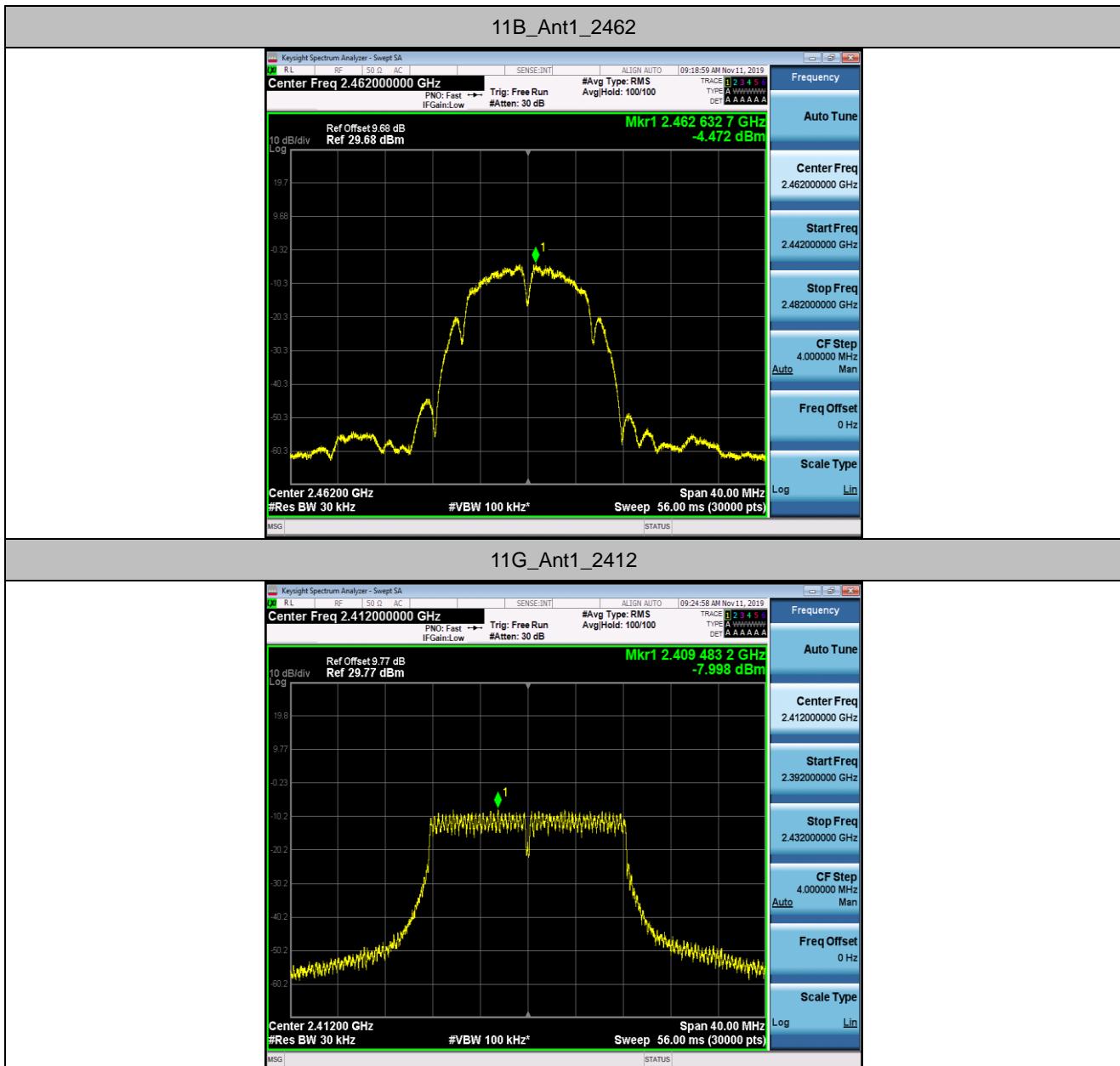
Duty Cycle factor has been added to the picture test results

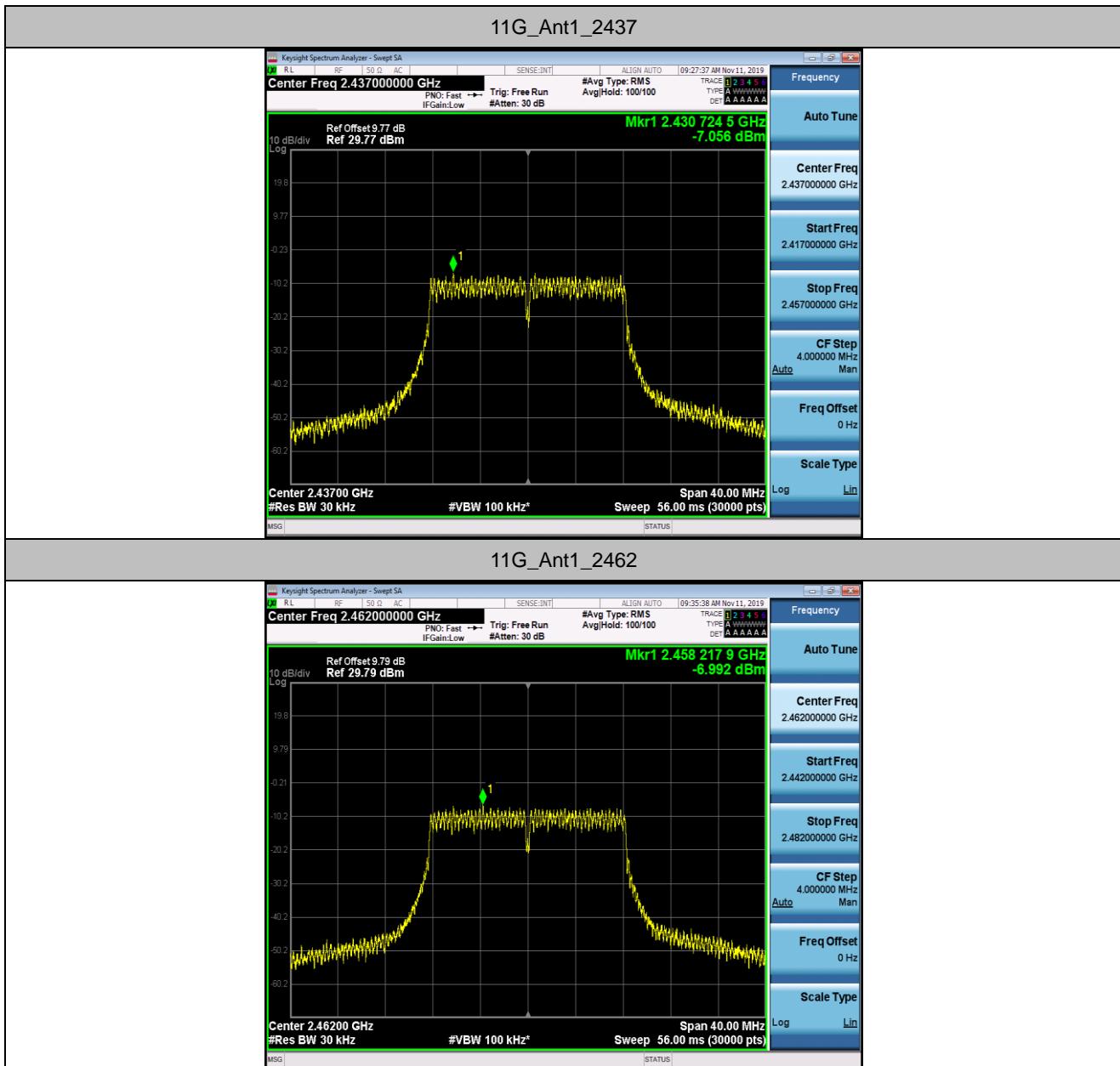
calculating the RBW=30kHz limit

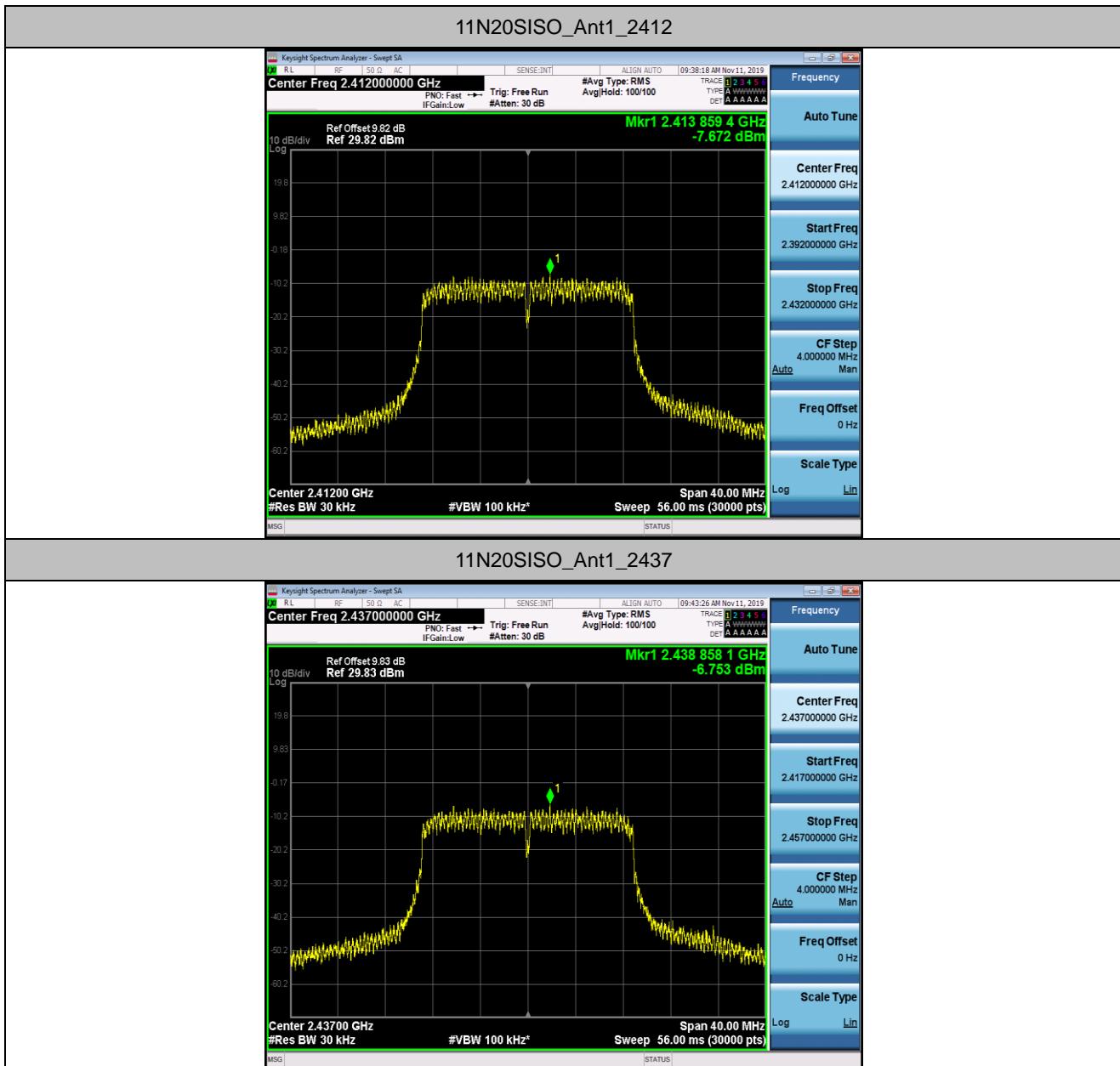
8(limit for RBW=3kHz)+10*log(30/3)= 18

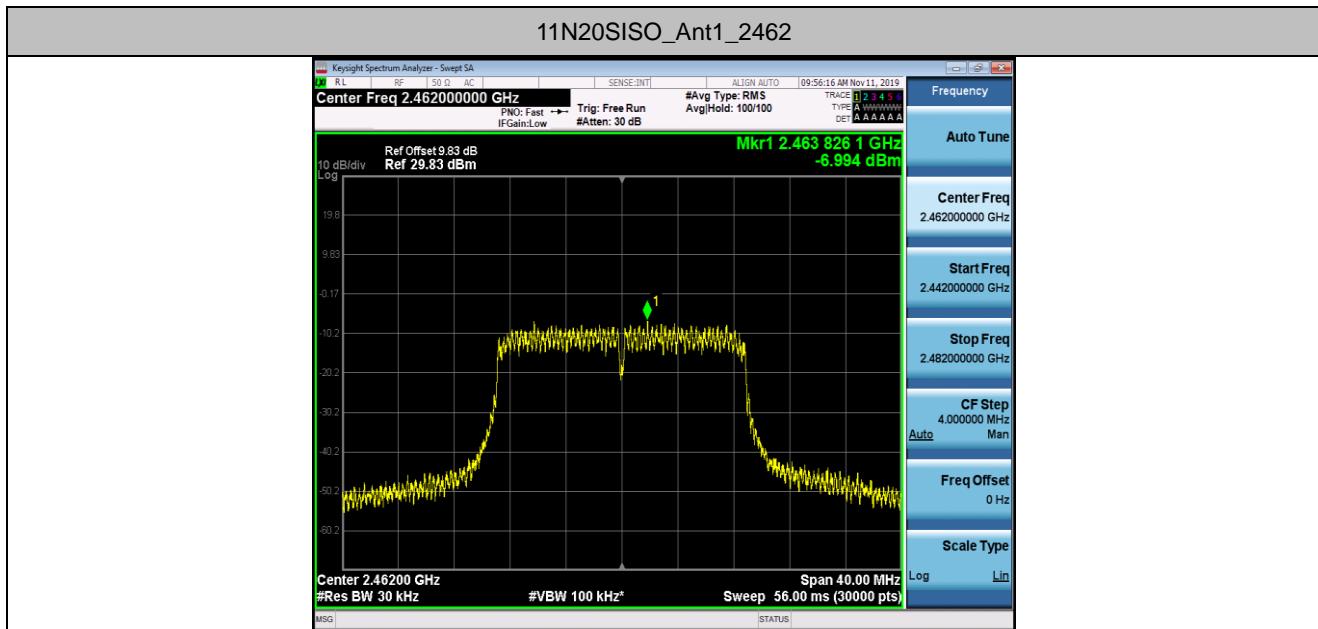
Test Graphs









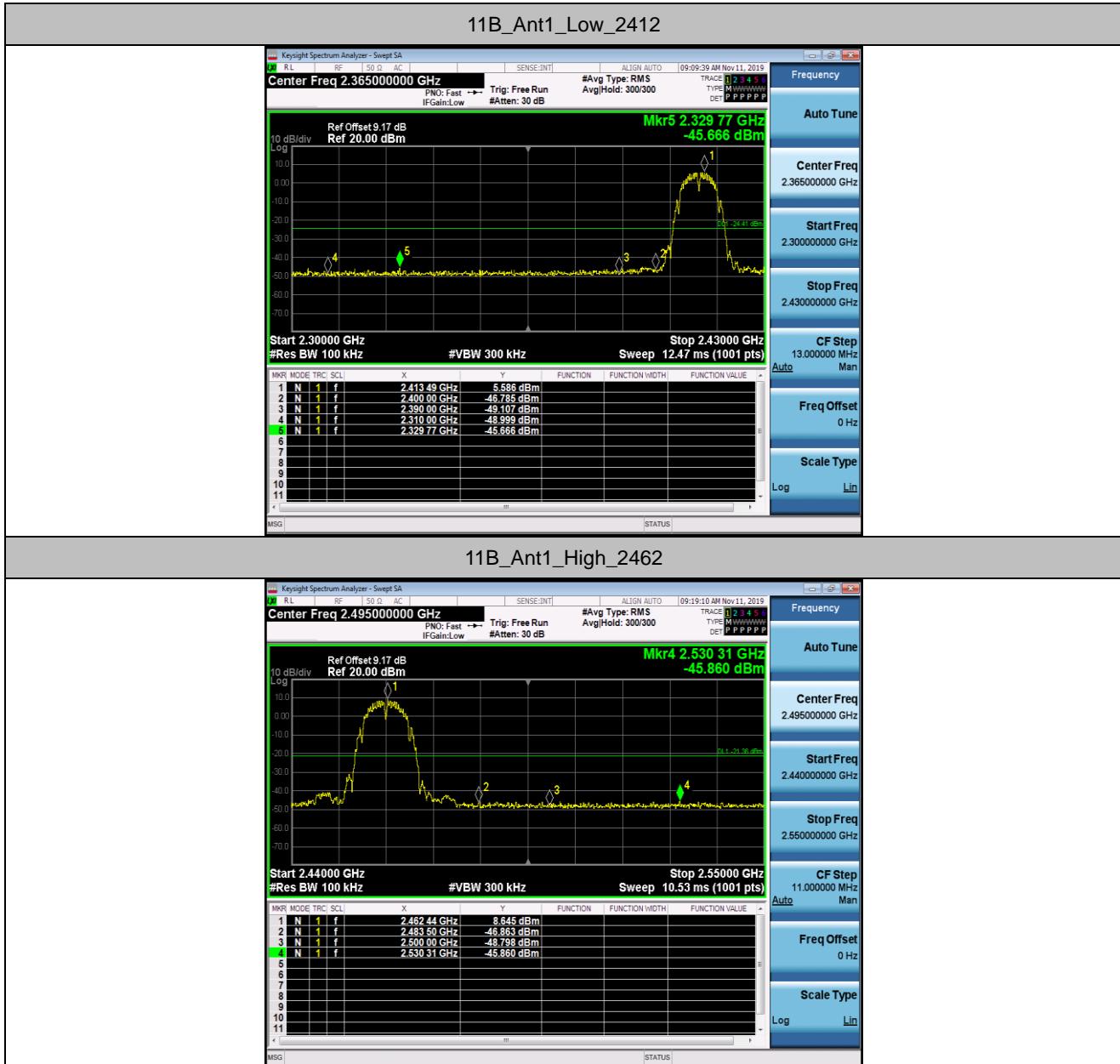


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.59	-45.67	<=-24.41	PASS
		High	2462	8.65	-45.86	<=-21.36	PASS
11G	Ant1	Low	2412	3.93	-42.09	<=-26.07	PASS
		High	2462	5.59	-45.7	<=-24.41	PASS
11N20SISO	Ant1	Low	2412	4.83	-38.5	<=-25.17	PASS
		High	2462	5.05	-45.21	<=-24.95	PASS

Test Graphs





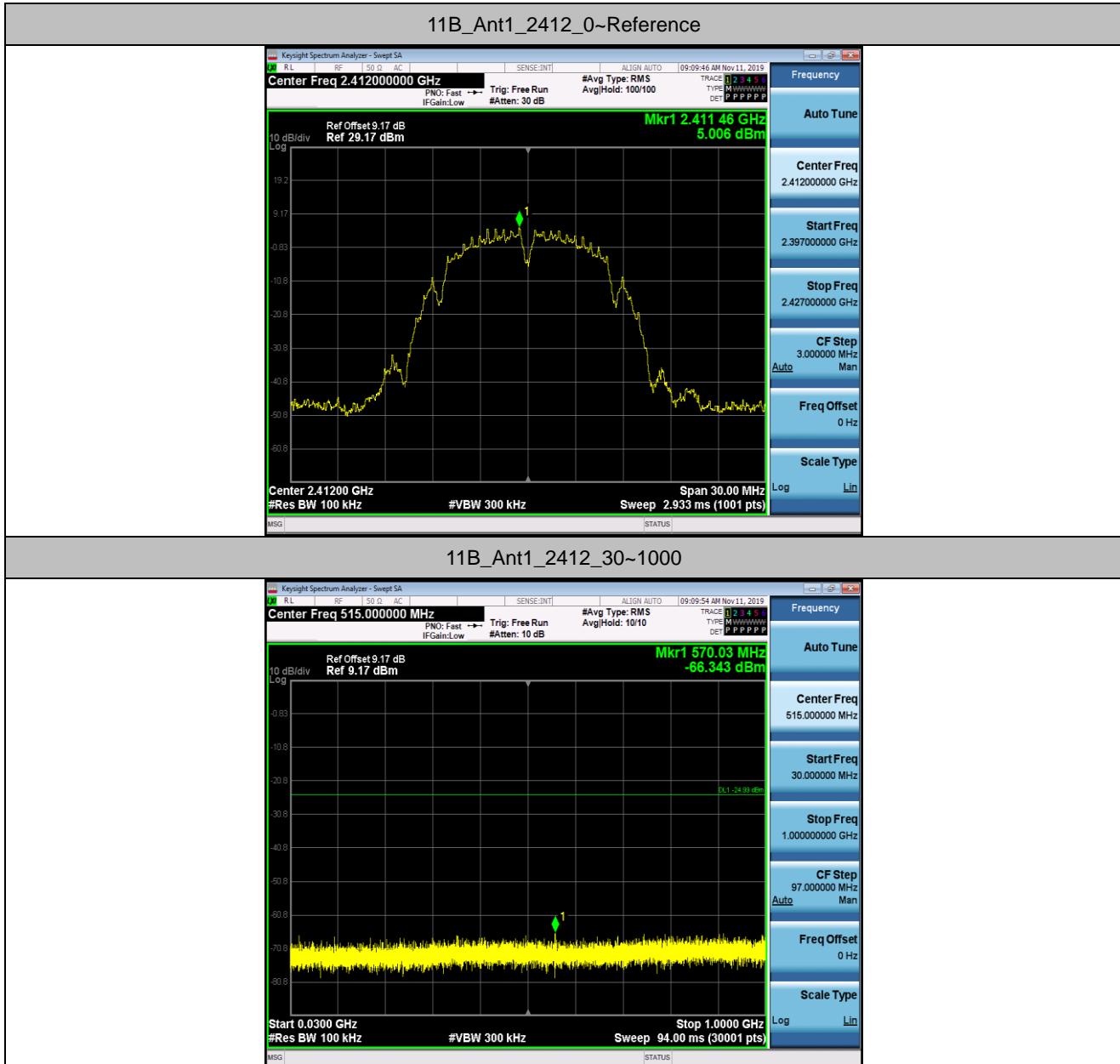


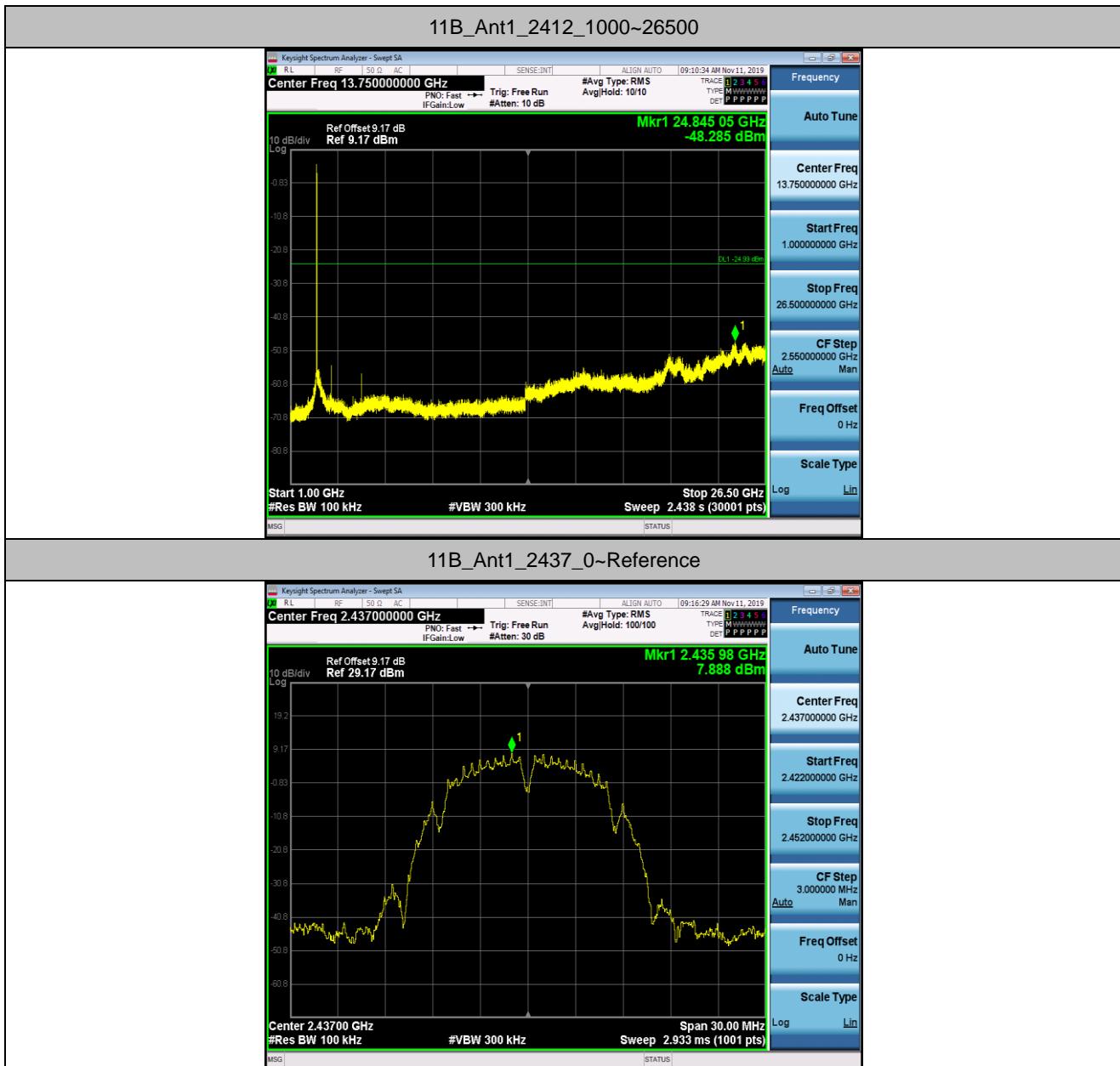
Appendix G: Conducted Spurious Emission

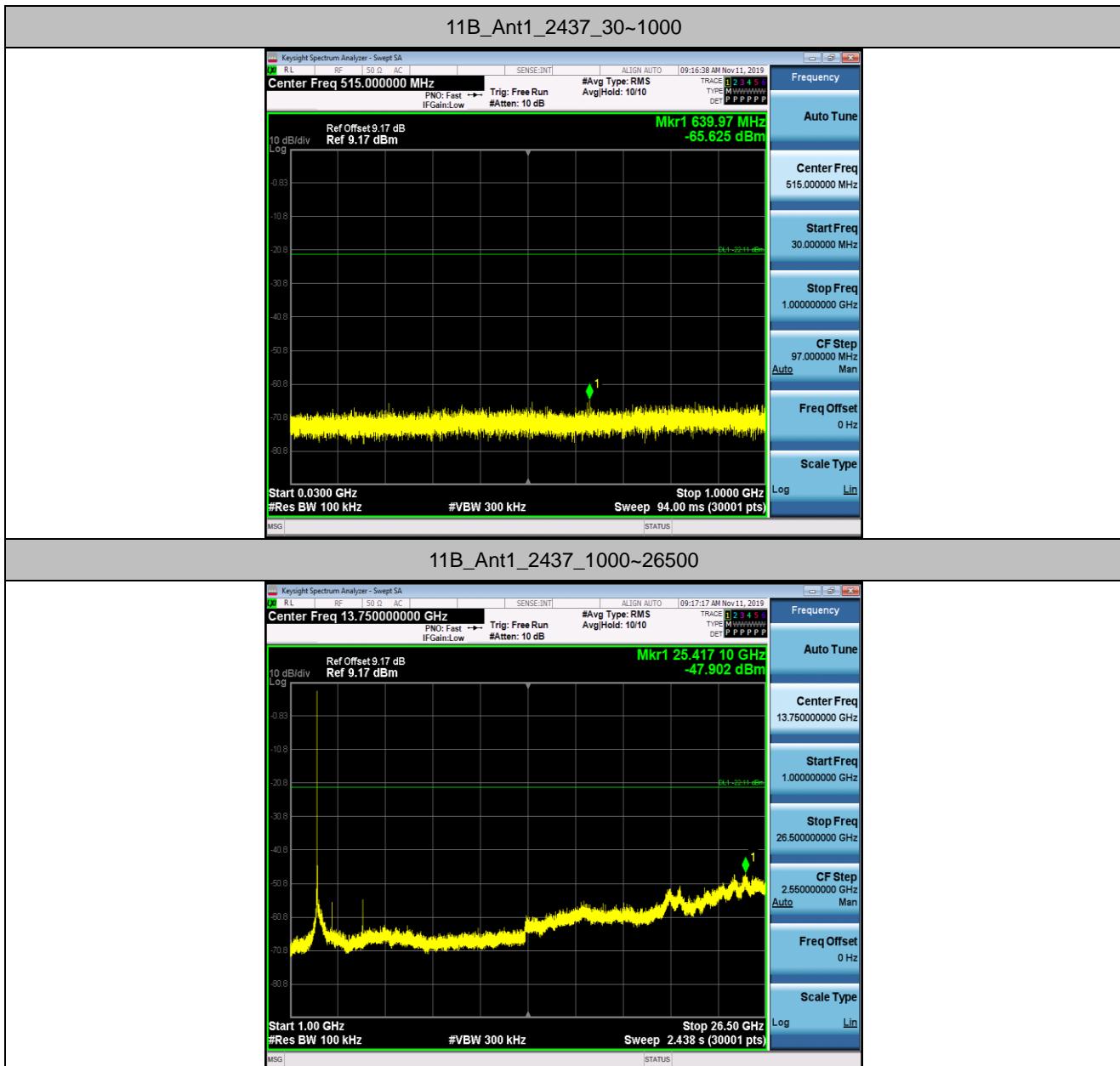
Test Result

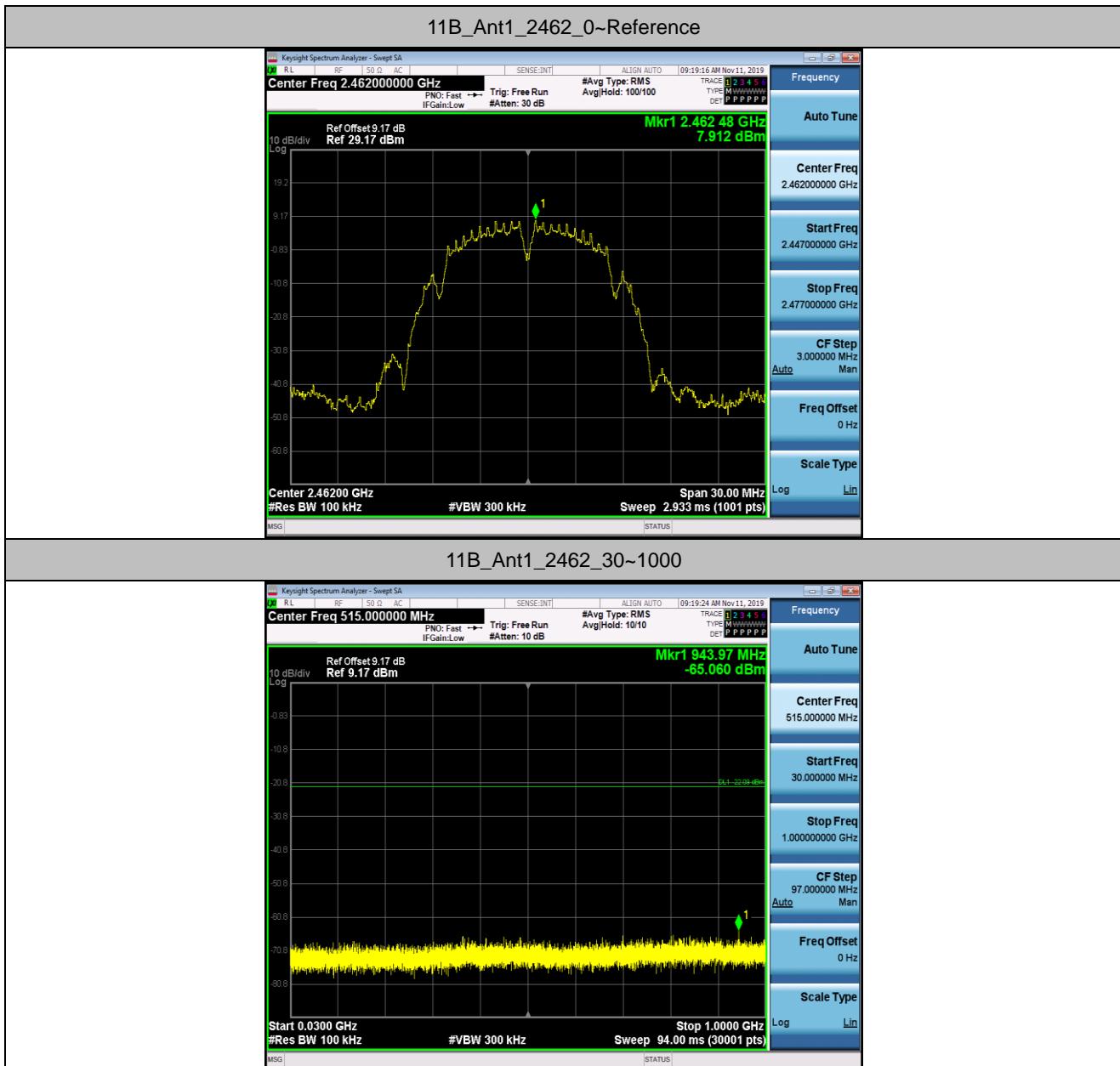
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.01	5.01	---	PASS
			30~1000	30~1000	-66.343	<=-24.994	PASS
			1000~26500	1000~26500	-48.285	<=-24.994	PASS
		2437	Reference	7.89	7.89	---	PASS
			30~1000	30~1000	-65.625	<=-22.112	PASS
			1000~26500	1000~26500	-47.902	<=-22.112	PASS
		2462	Reference	7.91	7.91	---	PASS
			30~1000	30~1000	-65.06	<=-22.088	PASS
			1000~26500	1000~26500	-47.283	<=-22.088	PASS
11G	Ant1	2412	Reference	4.27	4.27	---	PASS
			30~1000	30~1000	-65.952	<=-25.733	PASS
			1000~26500	1000~26500	-47.966	<=-25.733	PASS
		2437	Reference	4.82	4.82	---	PASS
			30~1000	30~1000	-65.694	<=-25.178	PASS
			1000~26500	1000~26500	-47.604	<=-25.178	PASS
		2462	Reference	5.02	5.02	---	PASS
			30~1000	30~1000	-66.15	<=-24.978	PASS
			1000~26500	1000~26500	-47.939	<=-24.978	PASS
11N20SISO	Ant1	2412	Reference	4.28	4.28	---	PASS
			30~1000	30~1000	-66.677	<=-25.722	PASS
			1000~26500	1000~26500	-47.747	<=-25.722	PASS
		2437	Reference	5.33	5.33	---	PASS
			30~1000	30~1000	-66.439	<=-24.669	PASS
			1000~26500	1000~26500	-47.912	<=-24.669	PASS
		2462	Reference	4.82	4.82	---	PASS
			30~1000	30~1000	-65.528	<=-25.178	PASS
			1000~26500	1000~26500	-47.462	<=-25.178	PASS

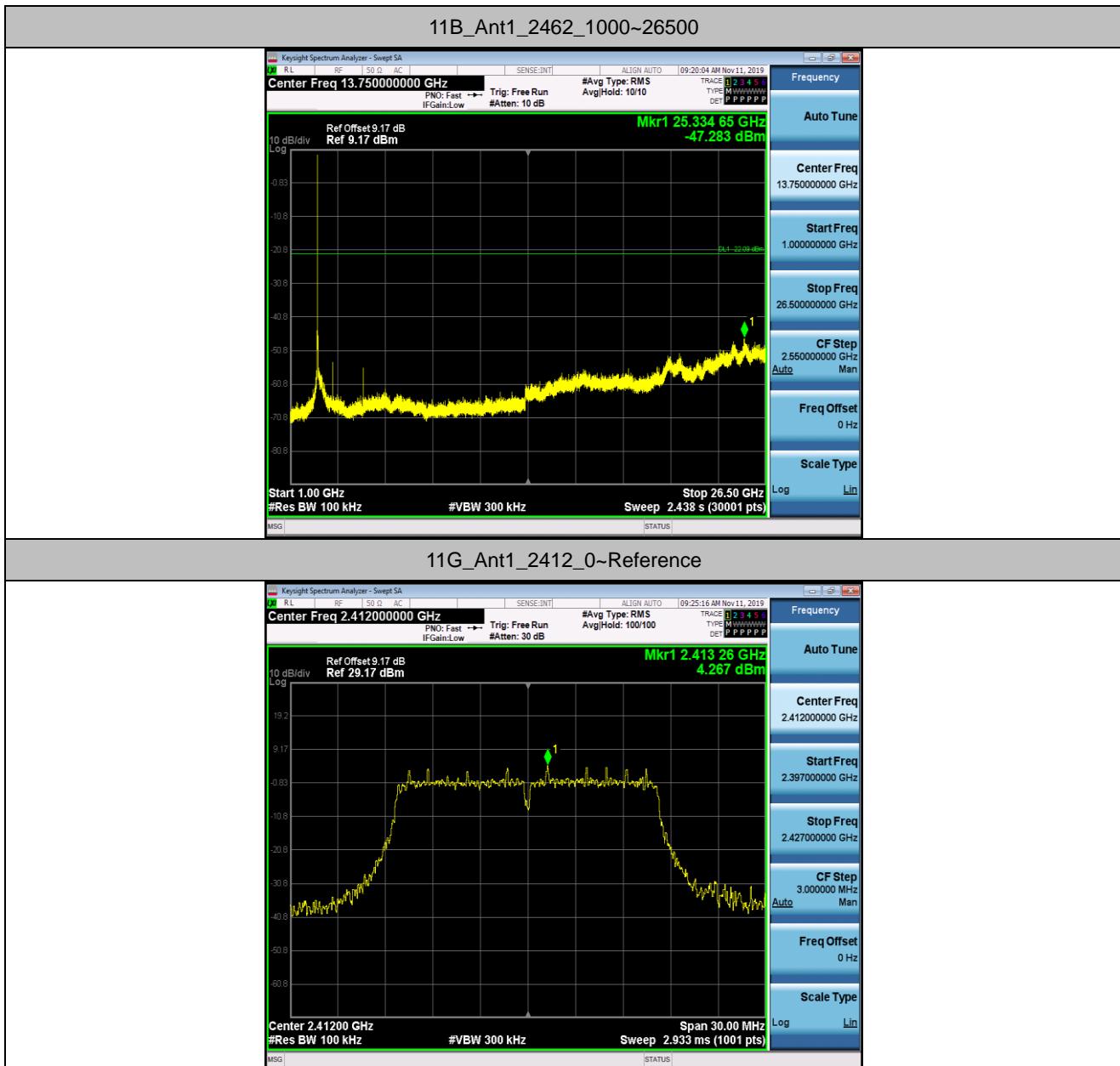
Test Graphs

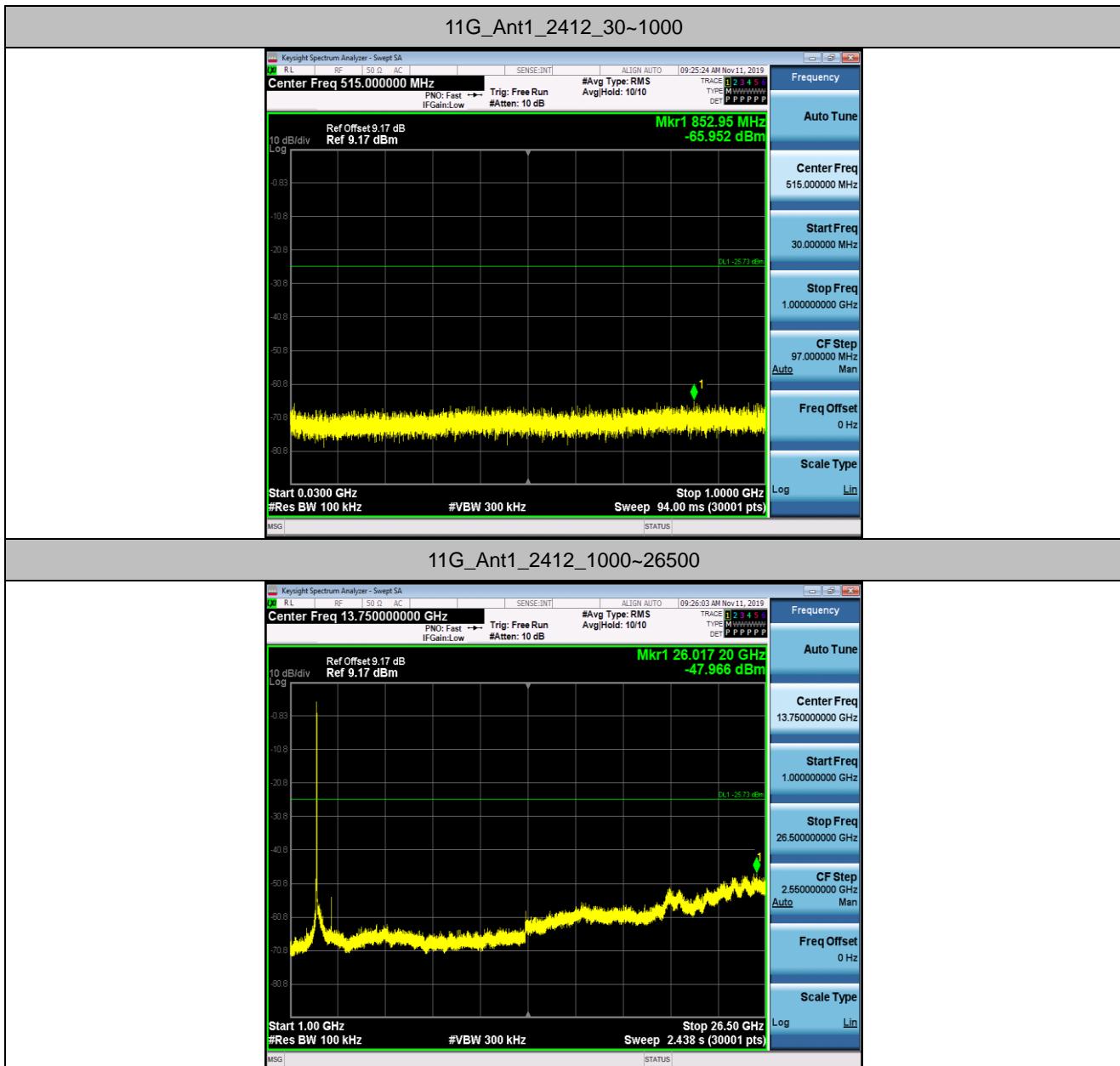


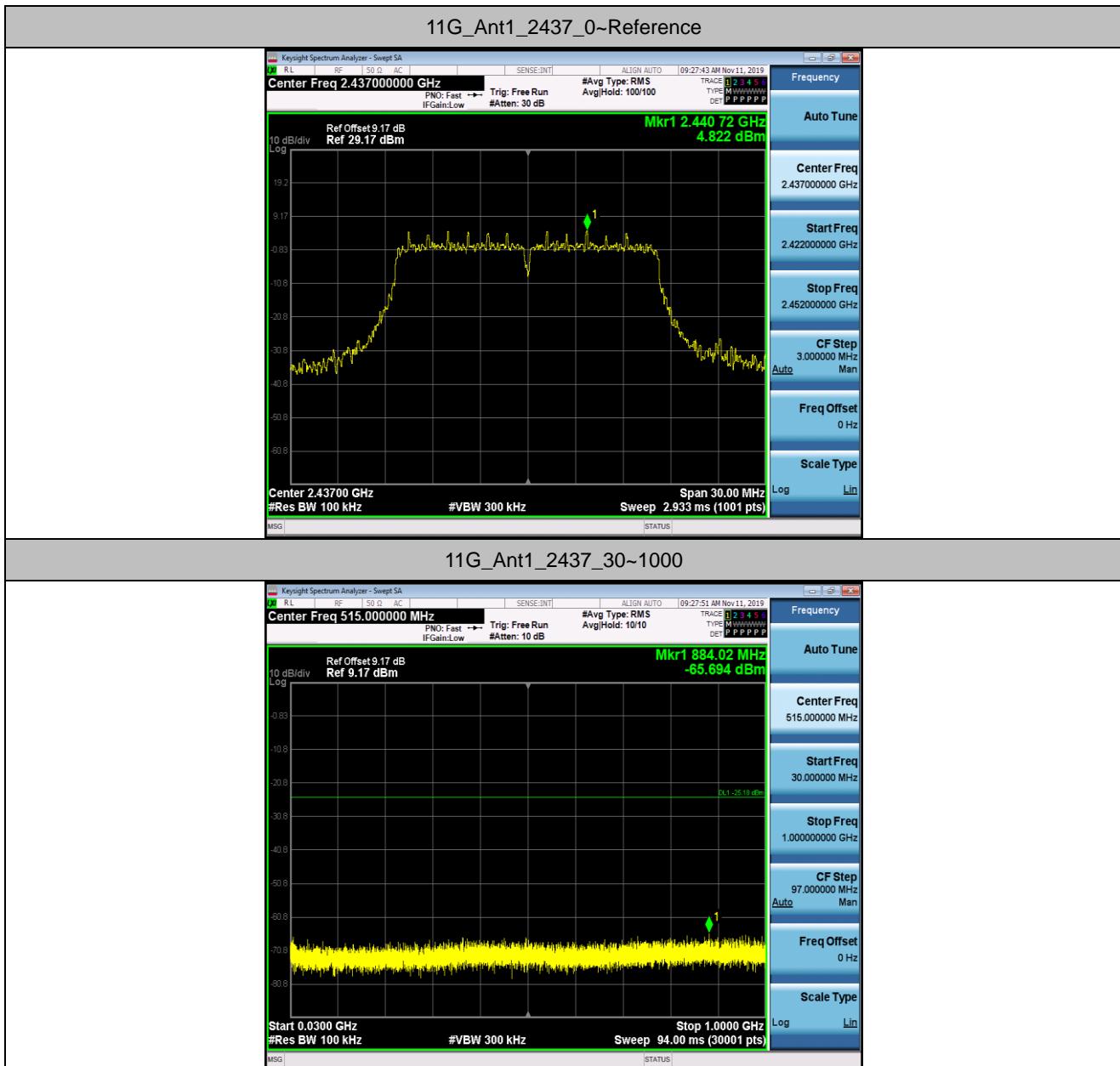


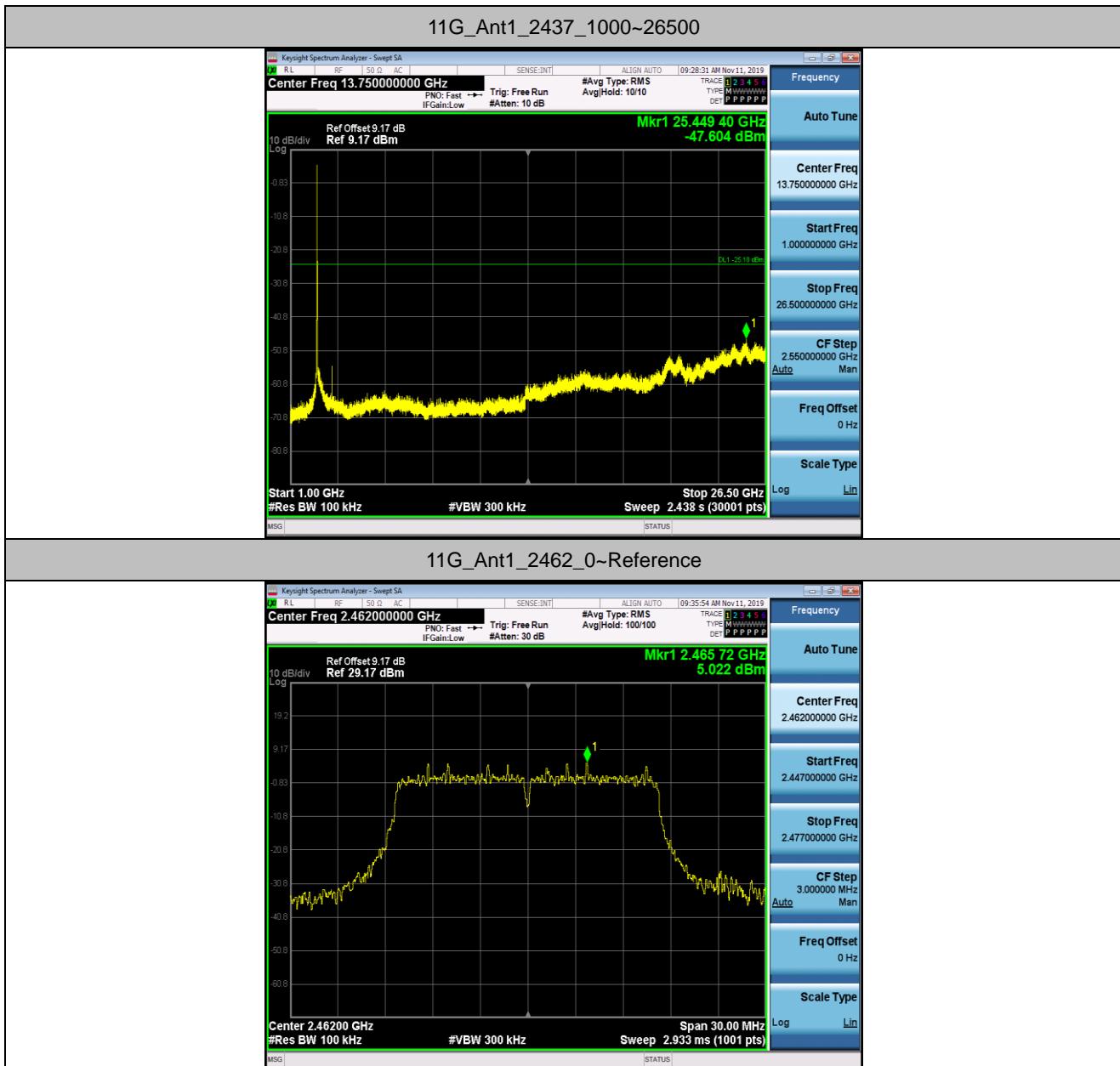




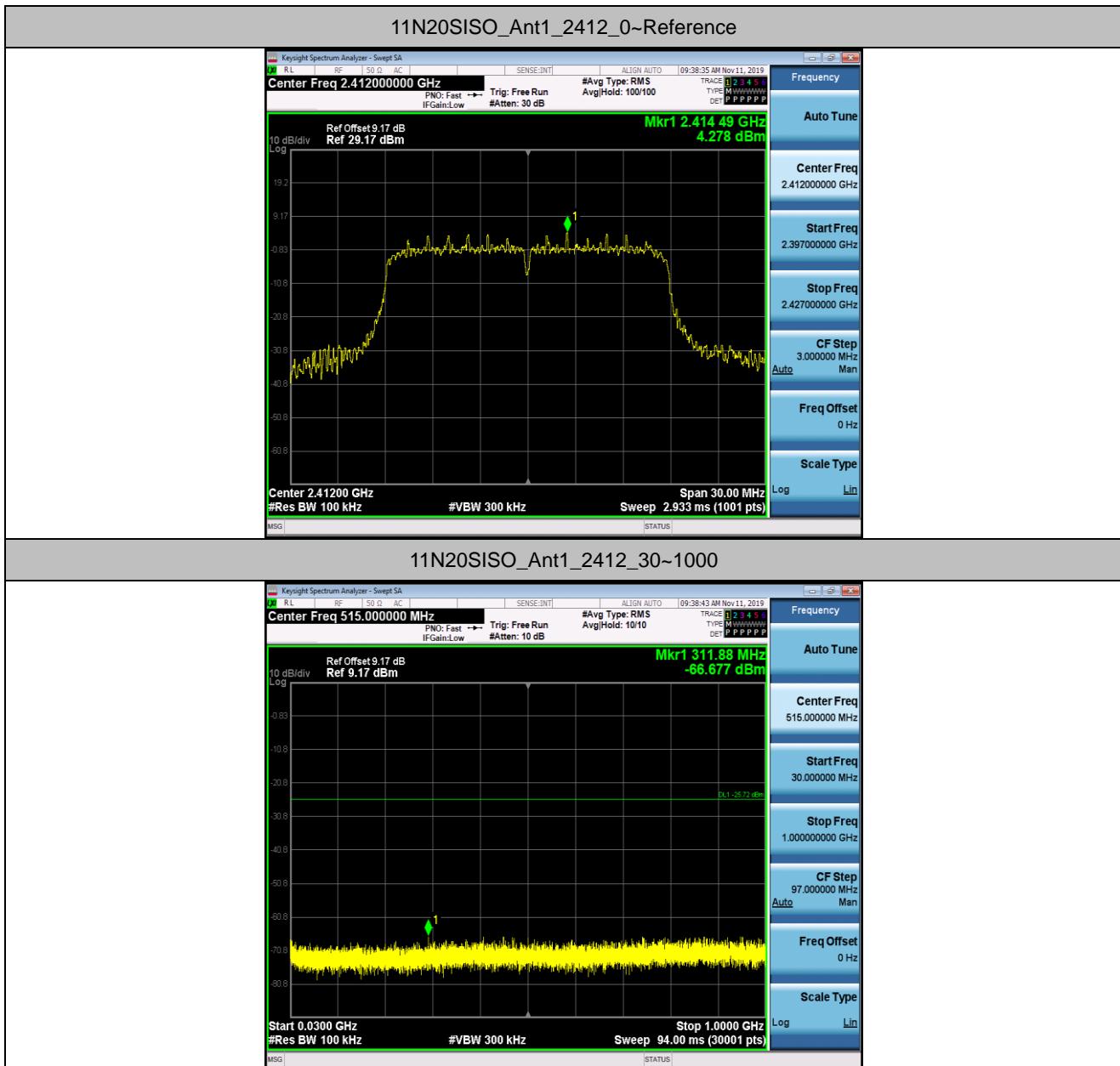


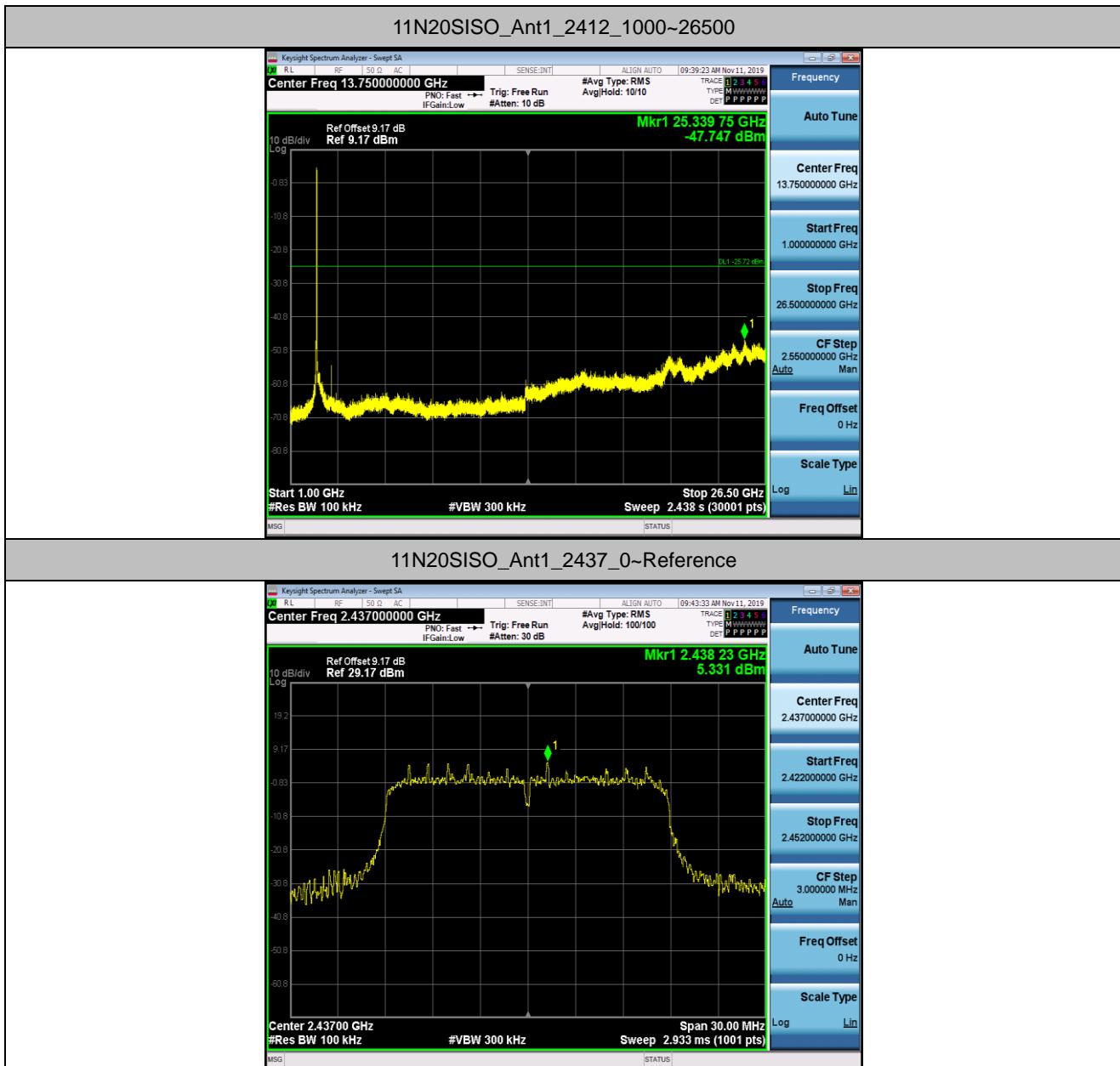


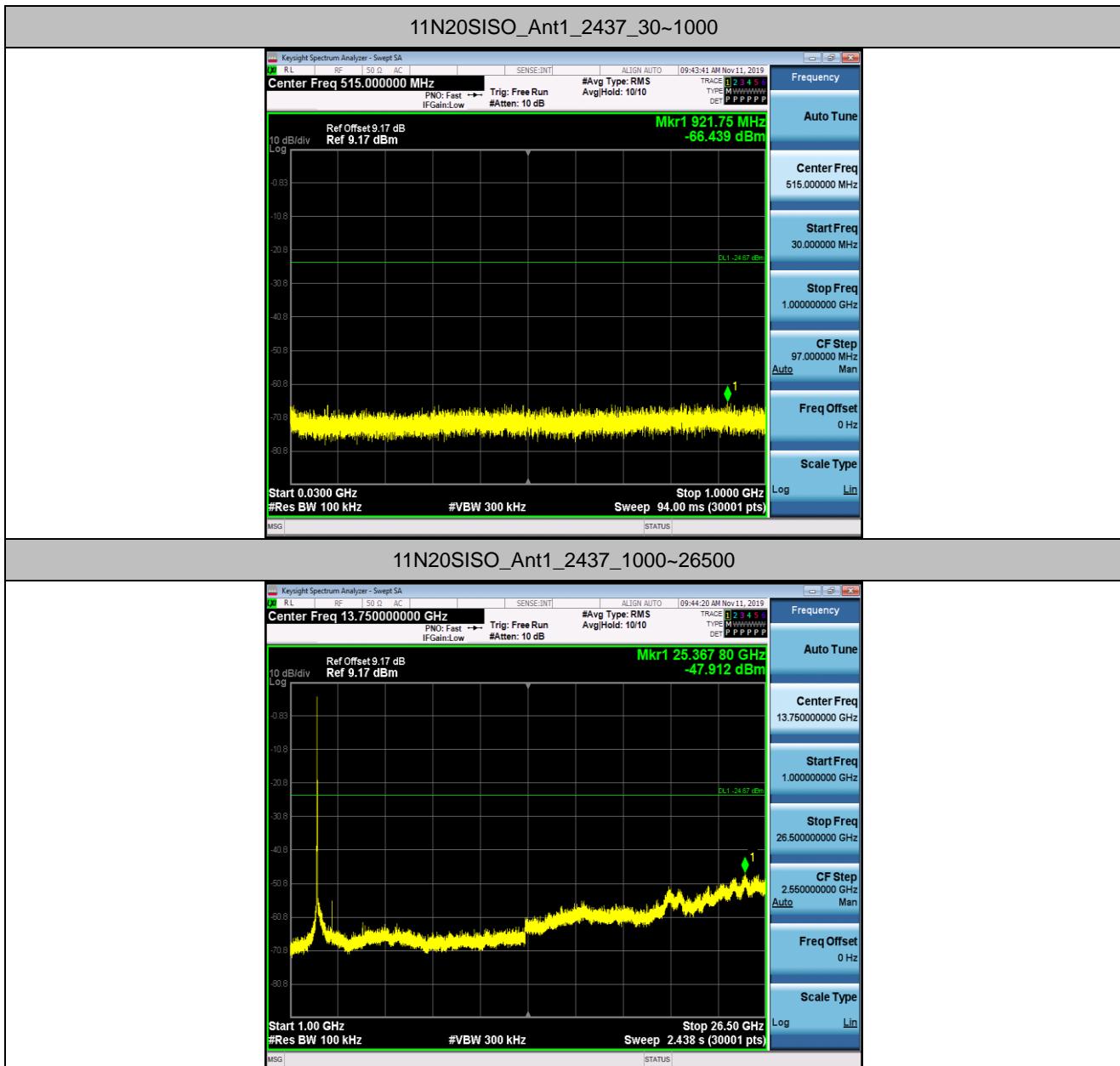


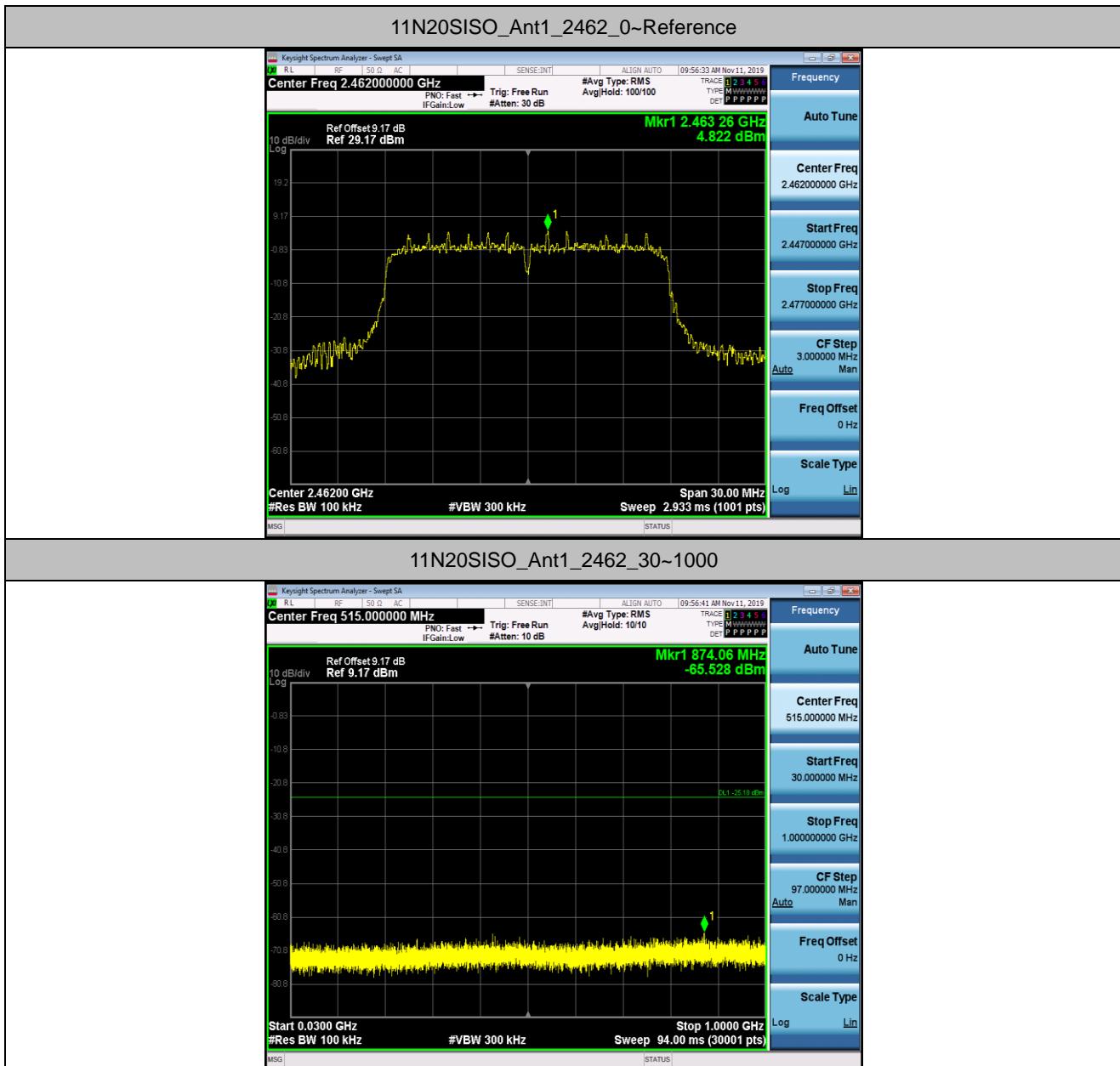


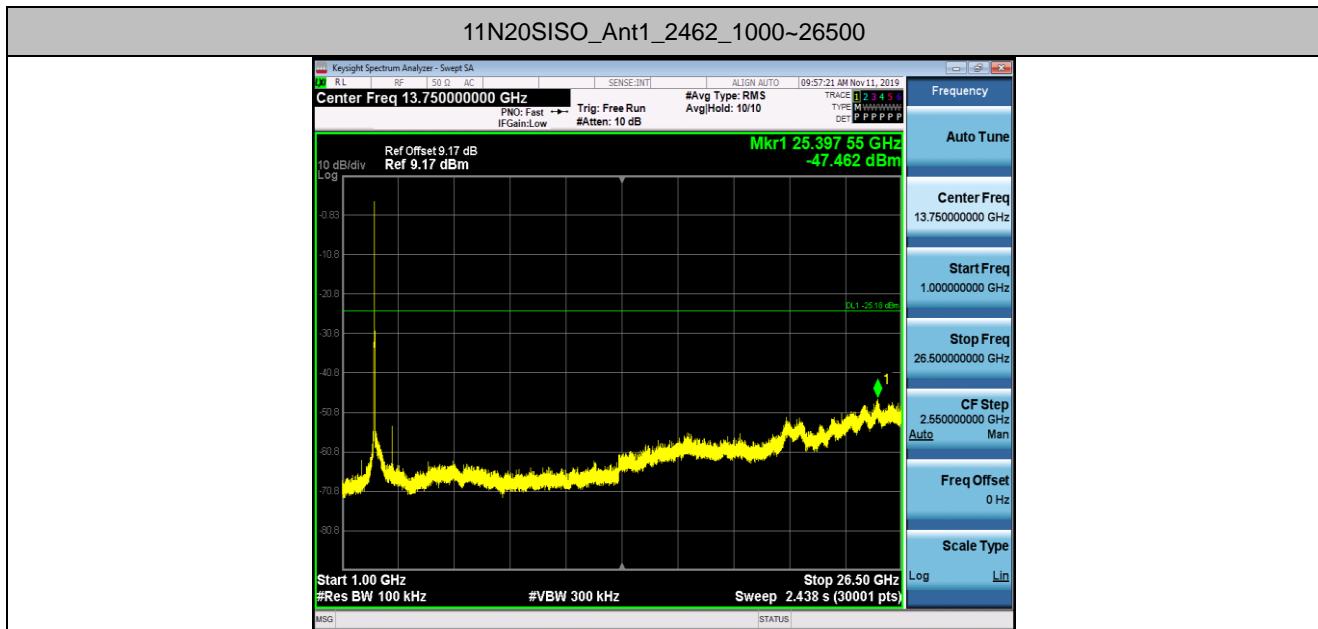










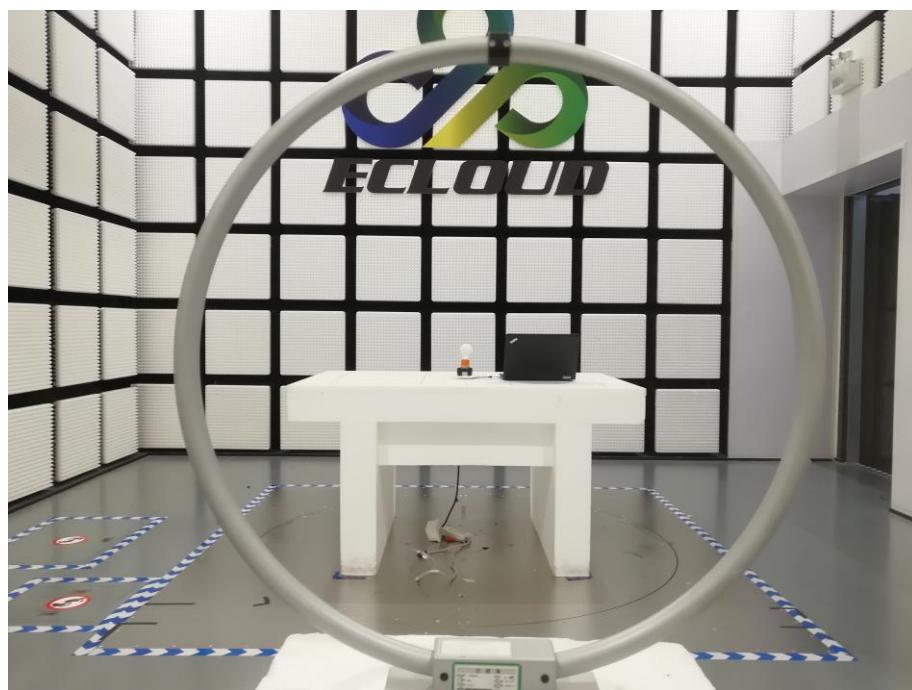


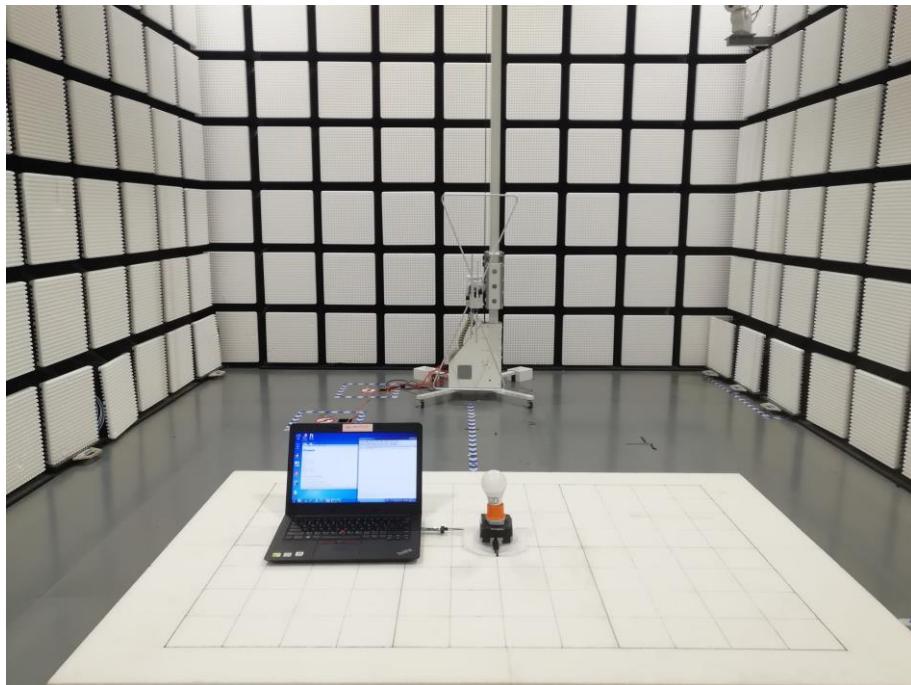
Appendix H: Setup Photographs

AC Conducted Emission:



Radiated Emission:





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