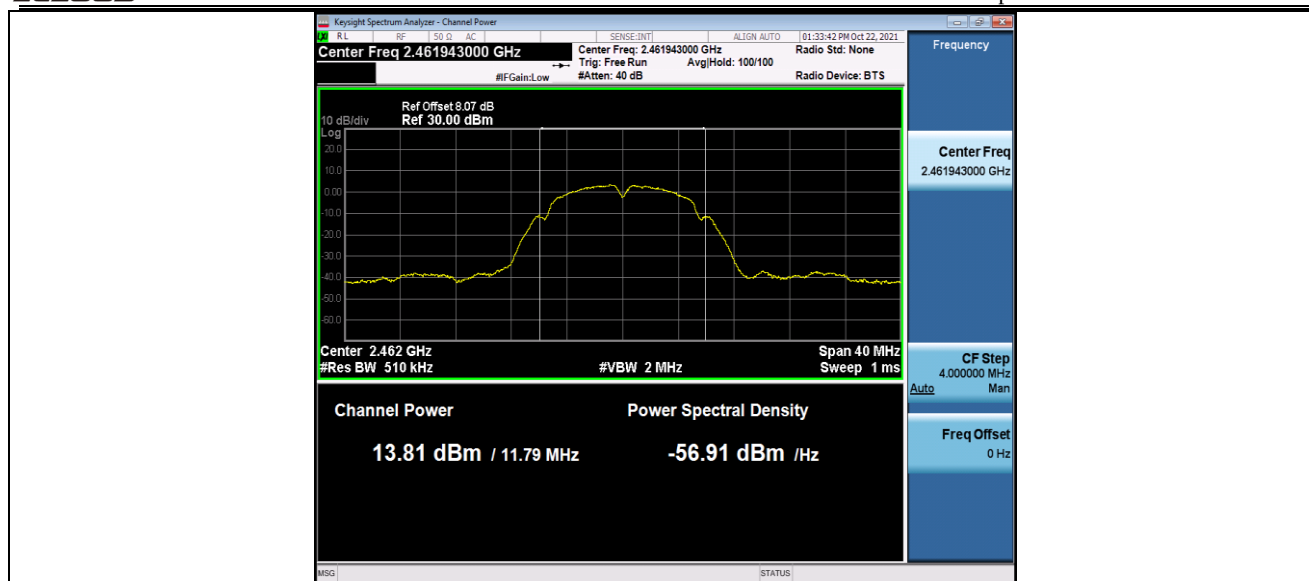
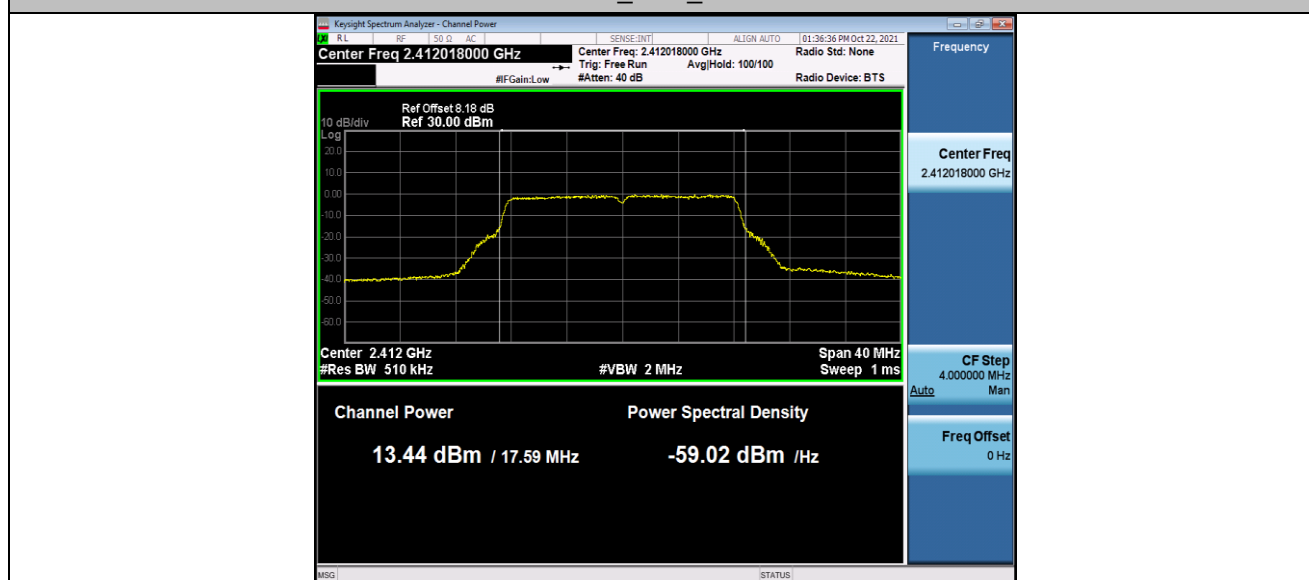
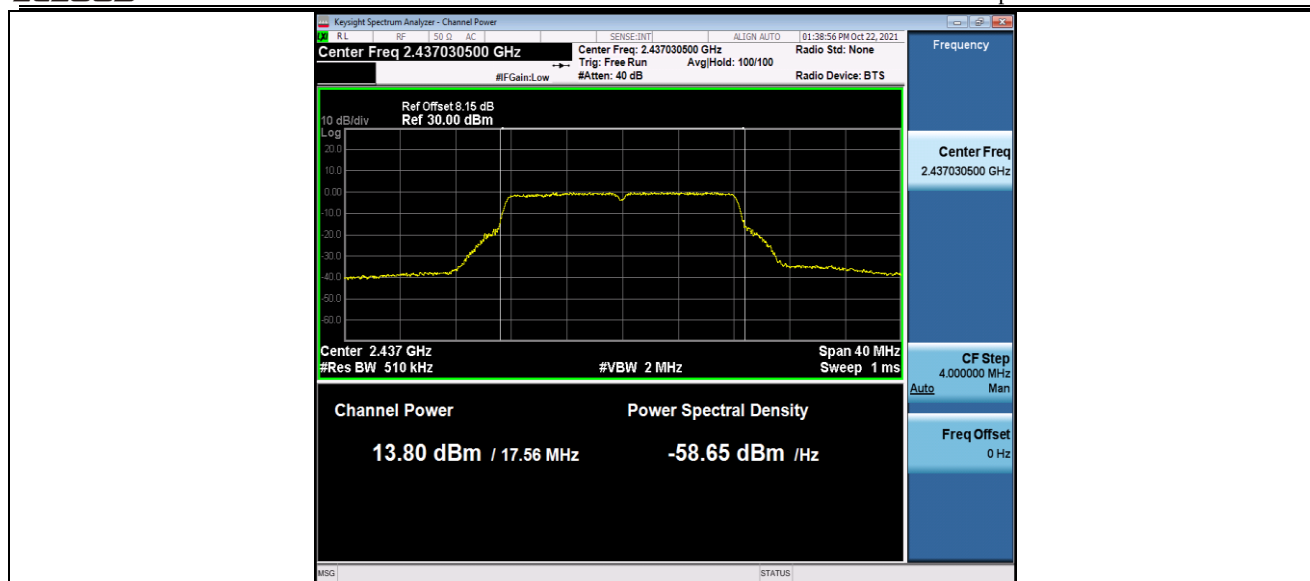




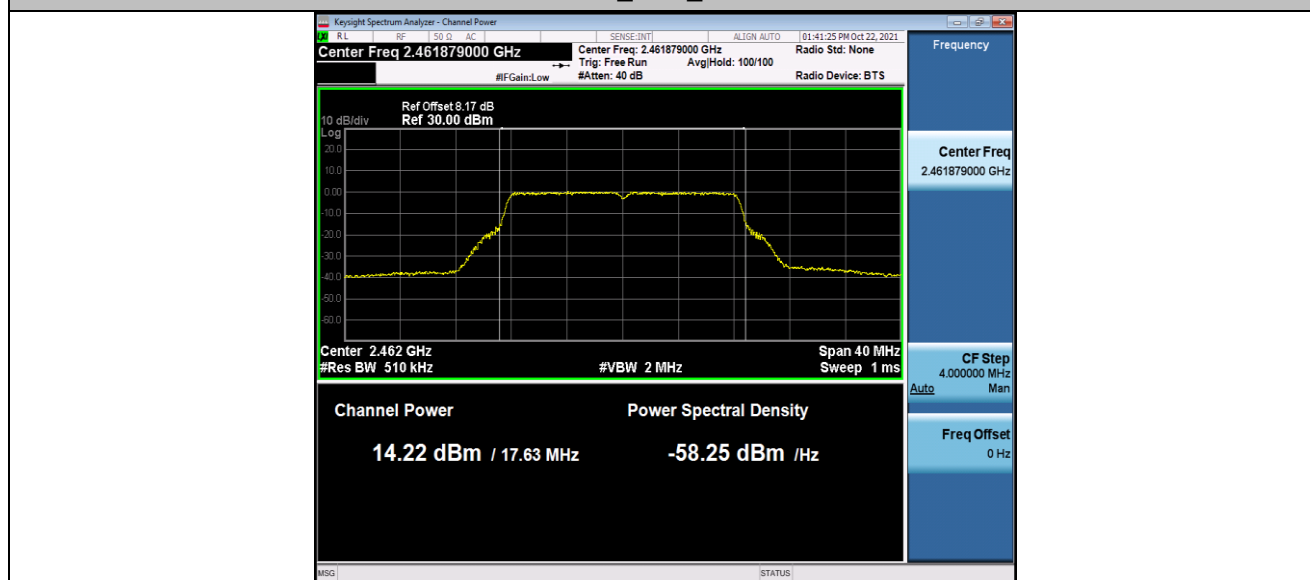
11G_Ant1_2412



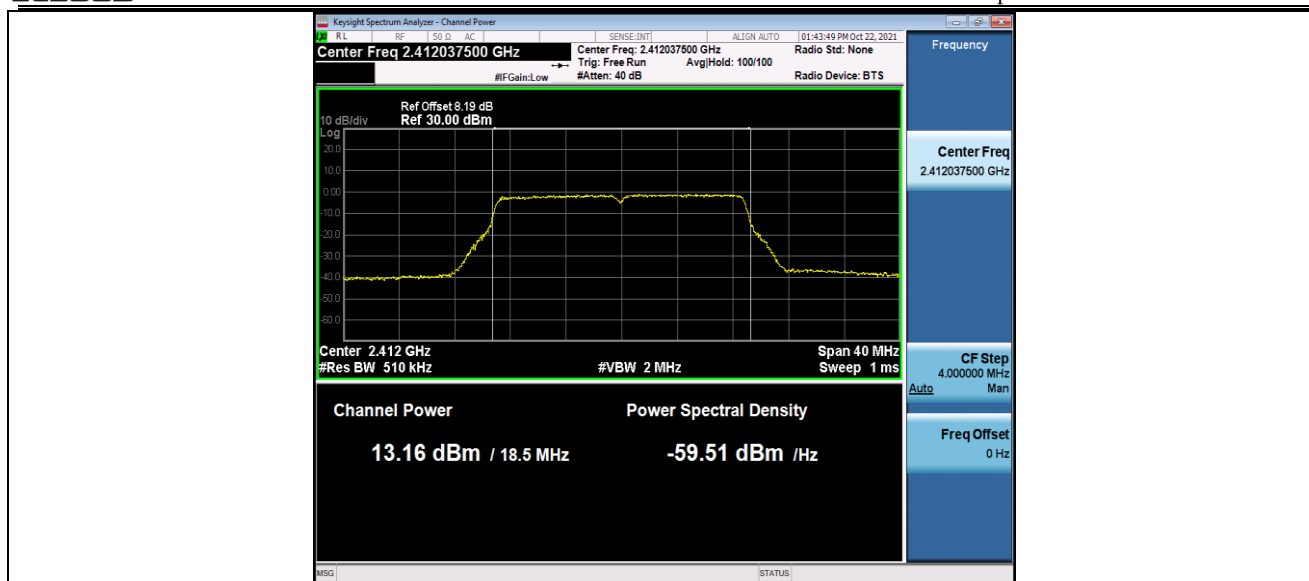
11G_Ant1_2437



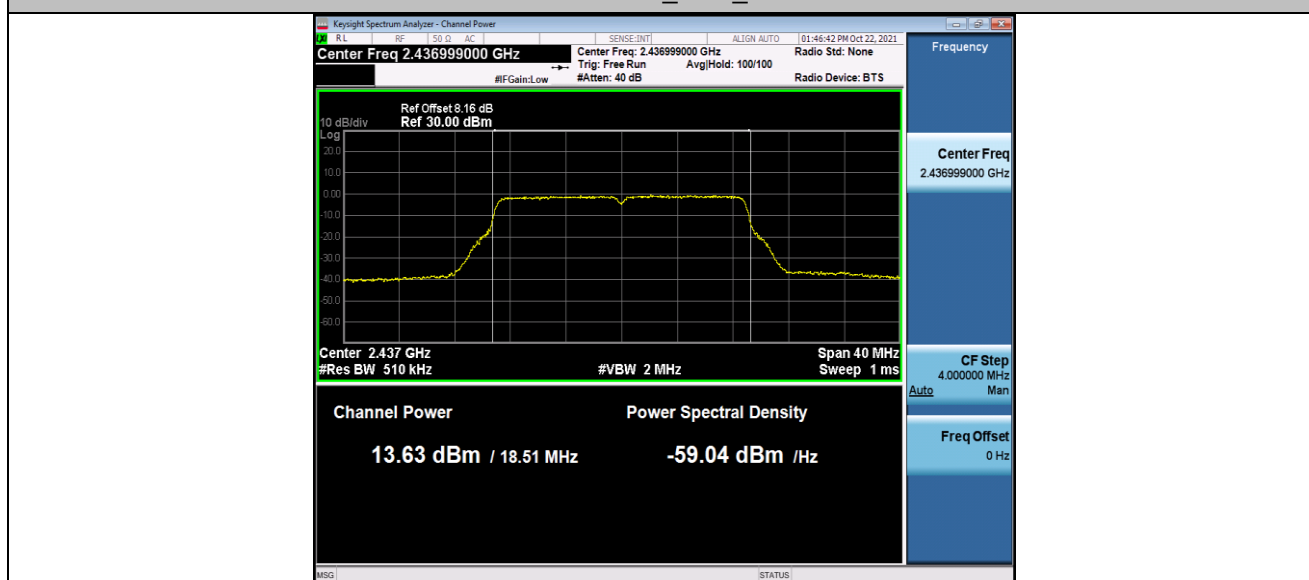
11G_Ant1_2462



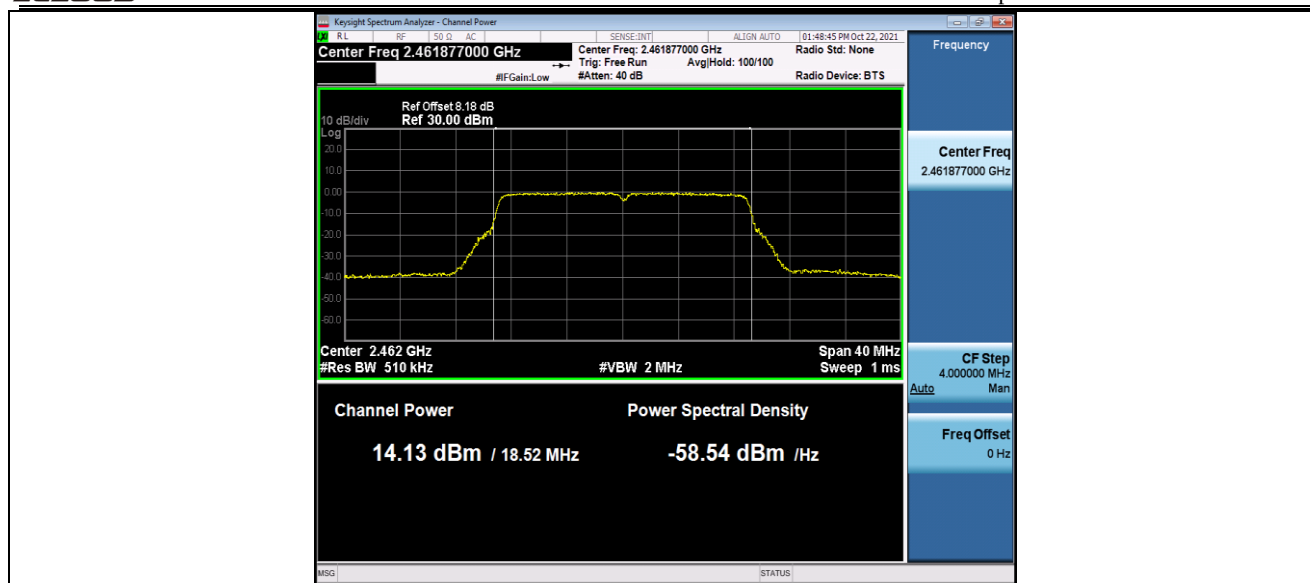
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



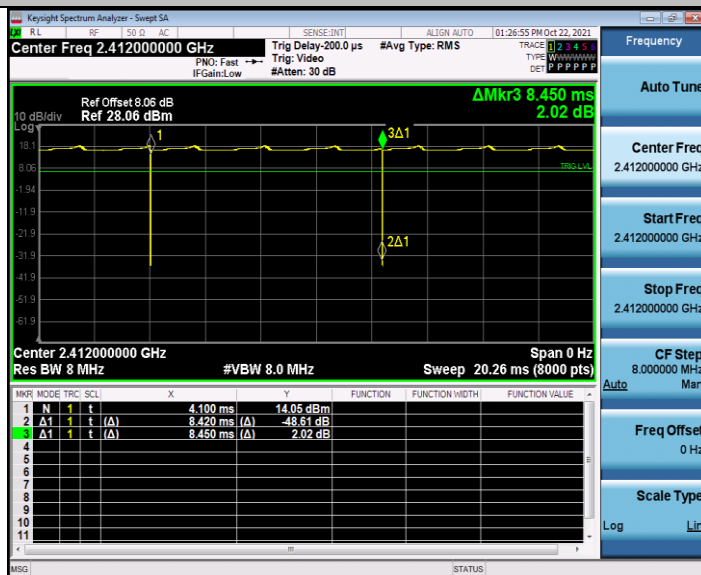
Appendix D: Duty Cycle

Test Result

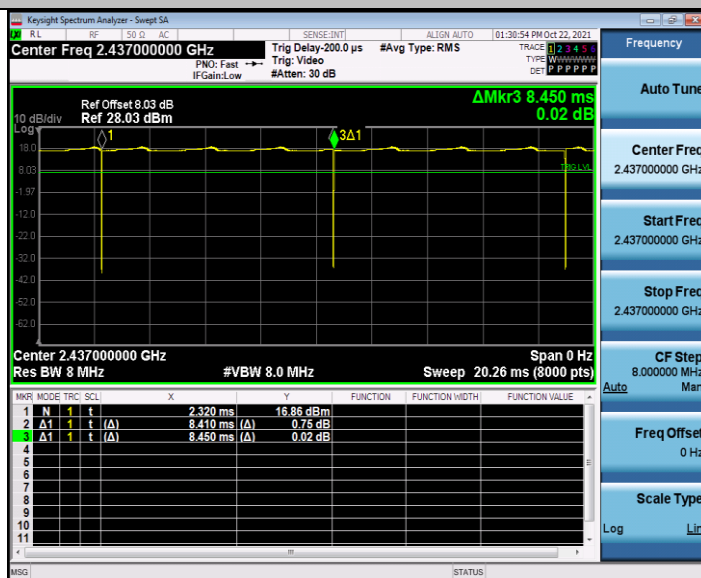
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.42	8.45	99.64	---	PASS
		2437	8.41	8.45	99.53	---	PASS
		2462	8.42	8.45	99.64	---	PASS
11G	Ant1	2412	1.39	1.43	97.20	---	PASS
		2437	1.40	1.44	97.22	---	PASS
		2462	1.40	1.44	97.22	---	PASS
11N20SISO	Ant1	2412	1.31	1.35	97.04	---	PASS
		2437	1.31	1.35	97.04	---	PASS
		2462	1.31	1.35	97.04	---	PASS

Test Graphs

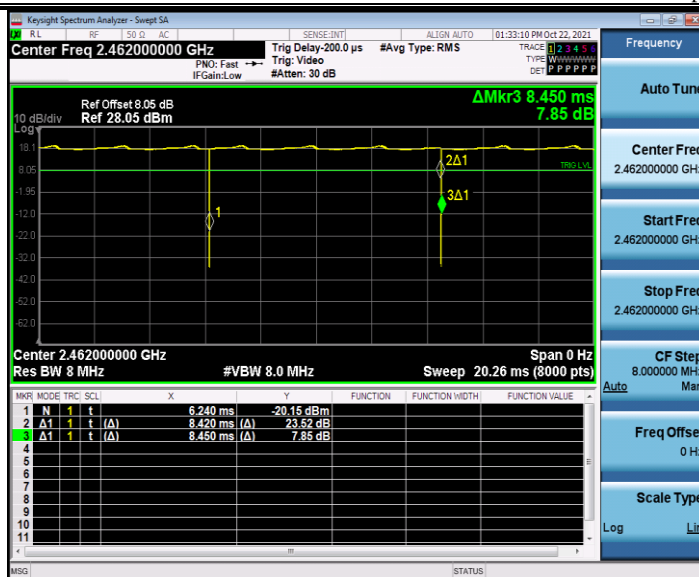
11B_Ant1_2412



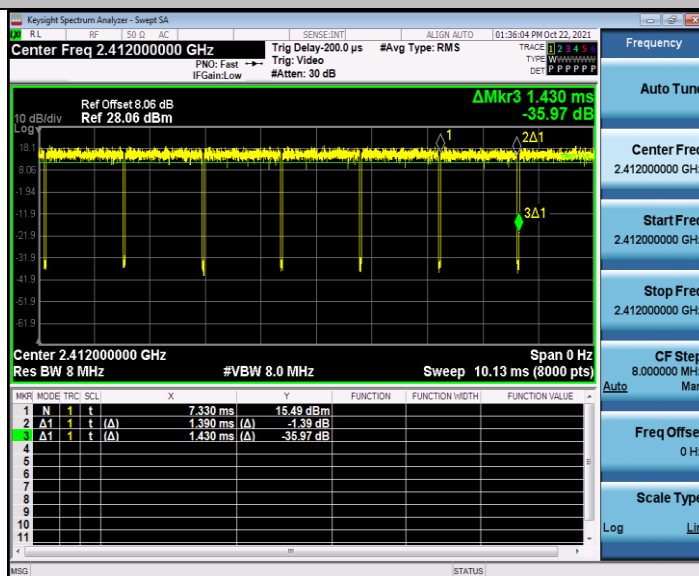
11B_Ant1_2437



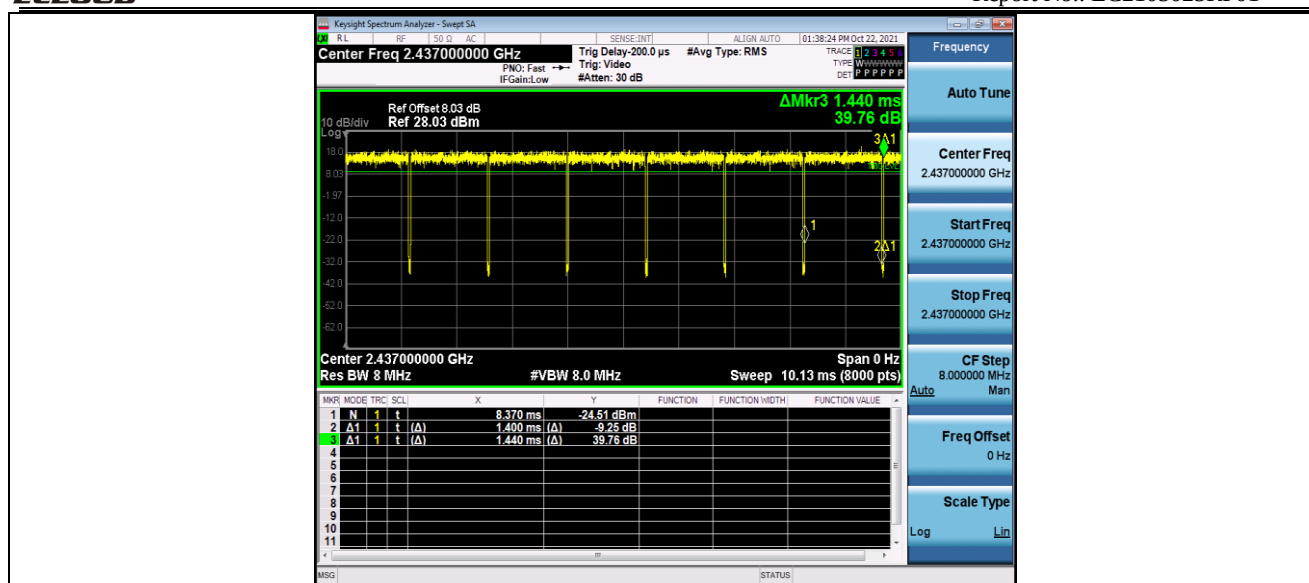
11B_Ant1_2462



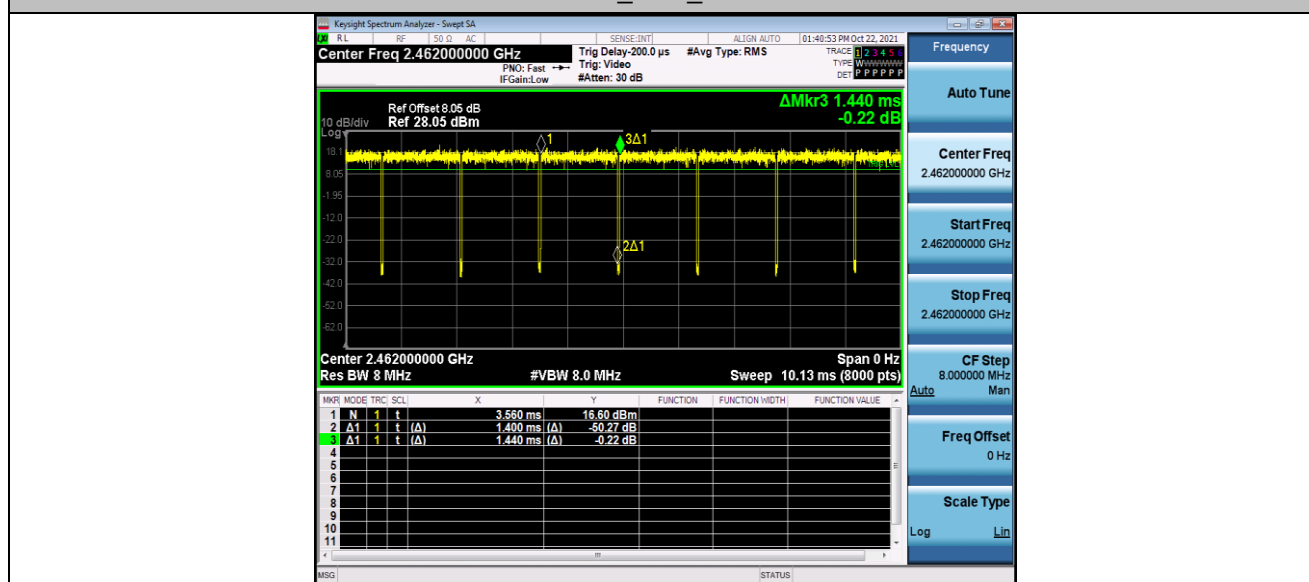
11G_Ant1_2412



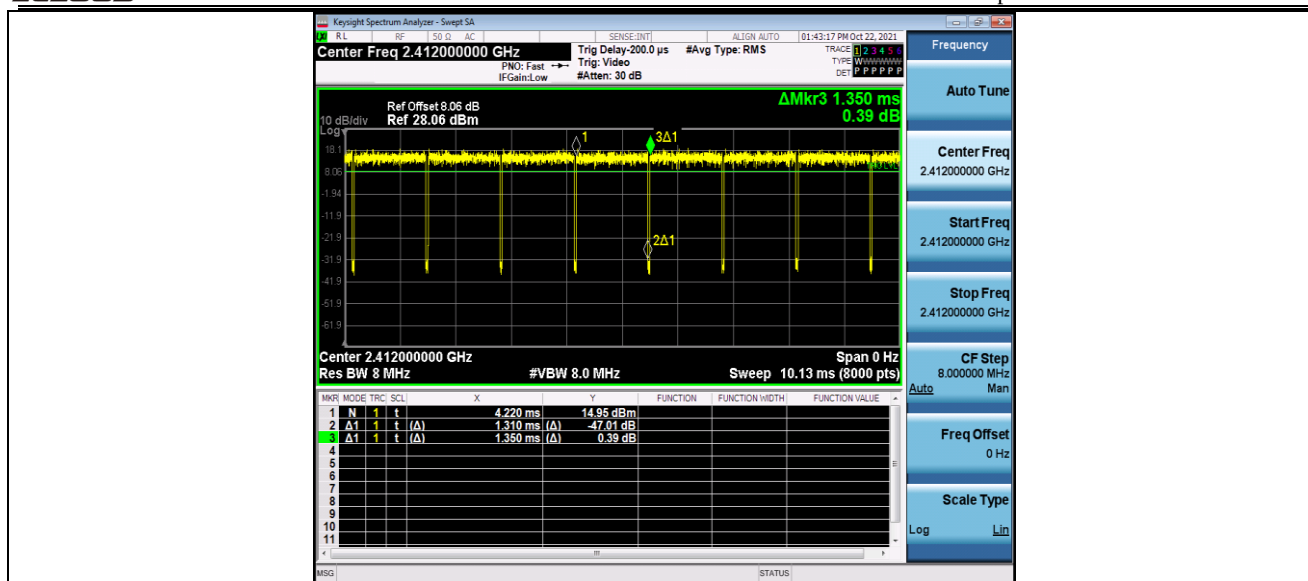
11G_Ant1_2437



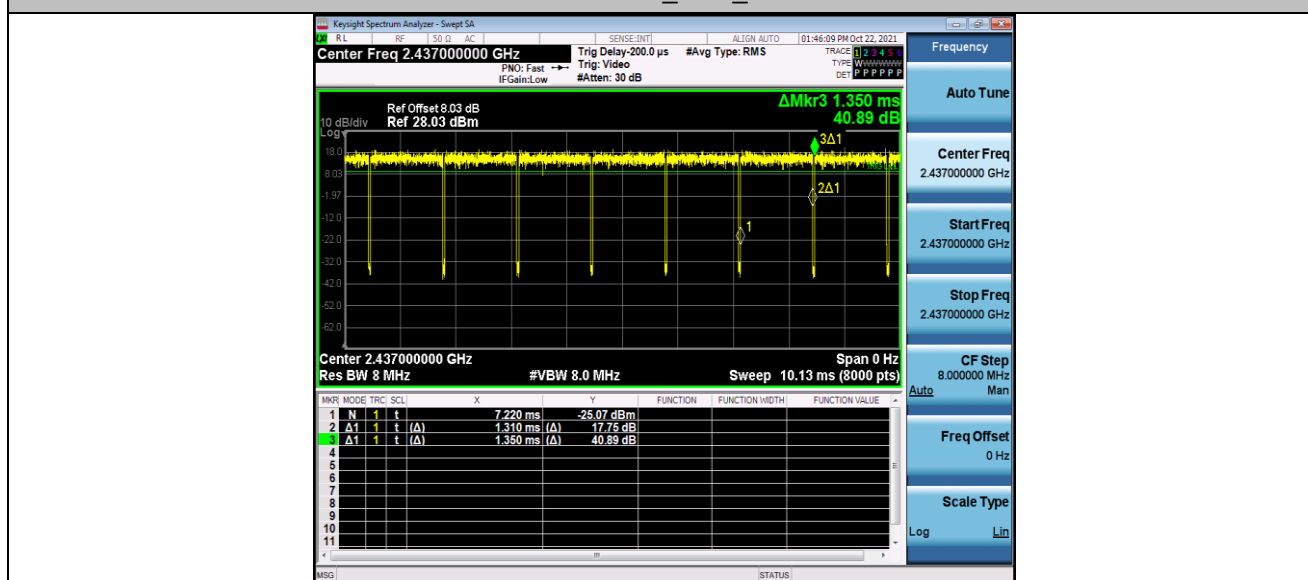
11G_Ant1_2462



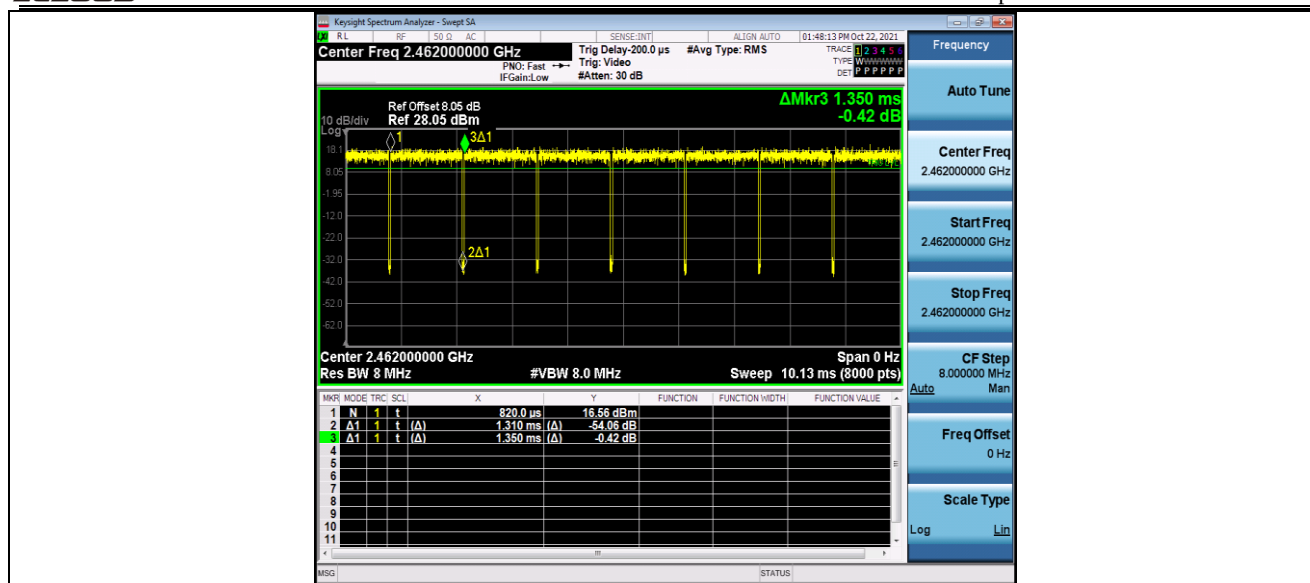
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.64	-	-8.49	-18.49	≤8	PASS
		2437	99.53	-	-8.42	-18.42	≤8	PASS
		2462	99.64	-	-7.63	-17.63	≤8	PASS
11G	Ant1	2412	97.2	0.12	-10.3	-20.3	≤8	PASS
		2437	97.22	0.12	-10.09	-20.09	≤8	PASS
		2462	97.22	0.12	-9.23	-19.23	≤8	PASS
11N20SISO	Ant1	2412	97.04	0.13	-11.23	-21.23	≤8	PASS
		2437	97.04	0.13	-10.93	-20.93	≤8	PASS
		2462	97.04	0.13	-10.4	-20.4	≤8	PASS

Result[dBm/3kHz]= Result[dBm/30kHz]-10*log₁₀(30/3)

Test Graphs

11B_Ant1_2412



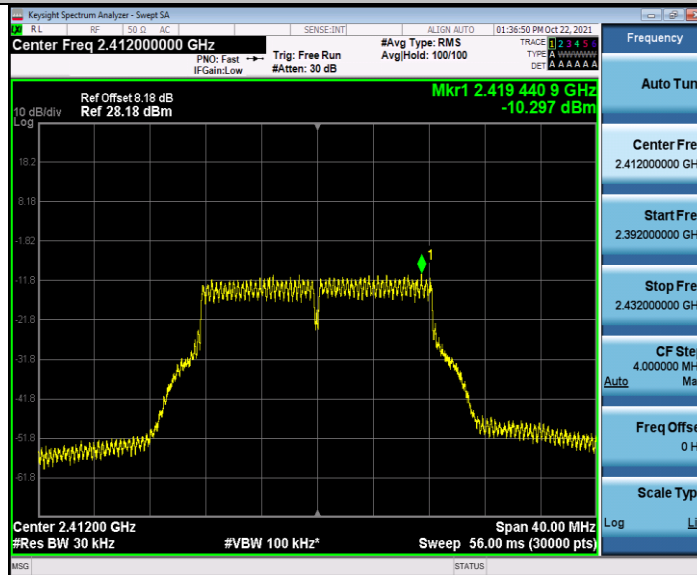
11B_Ant1_2437



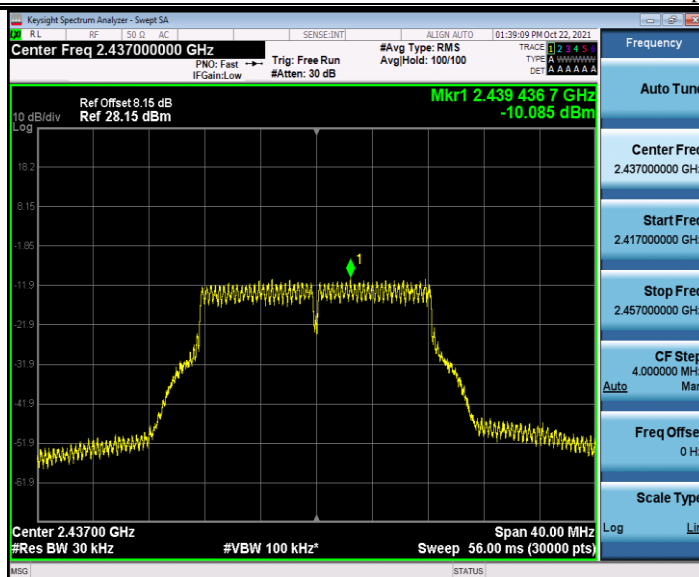
11B_Ant1_2462



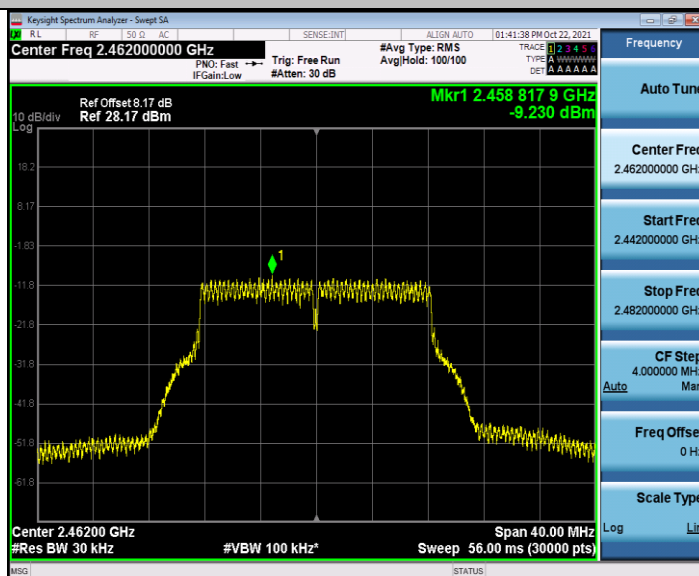
11G_Ant1_2412



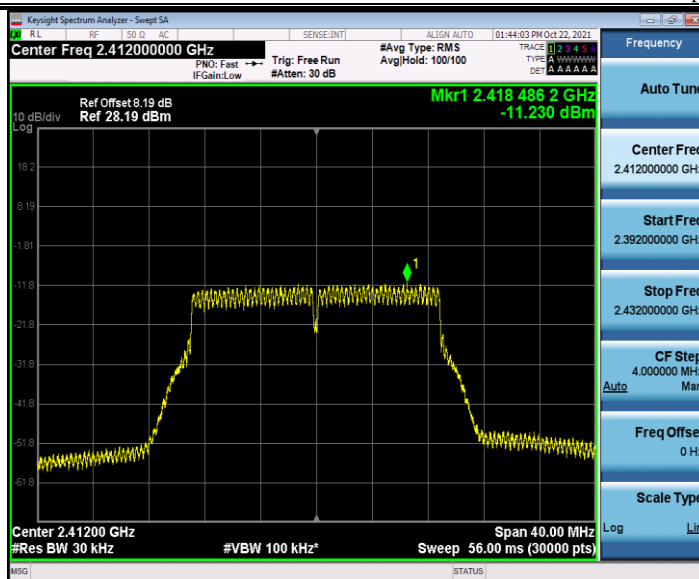
11G_Ant1_2437



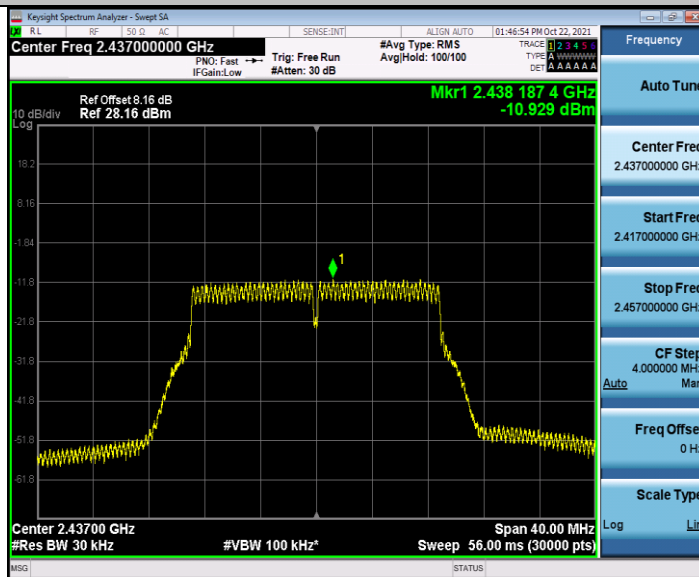
11G_Ant1_2462



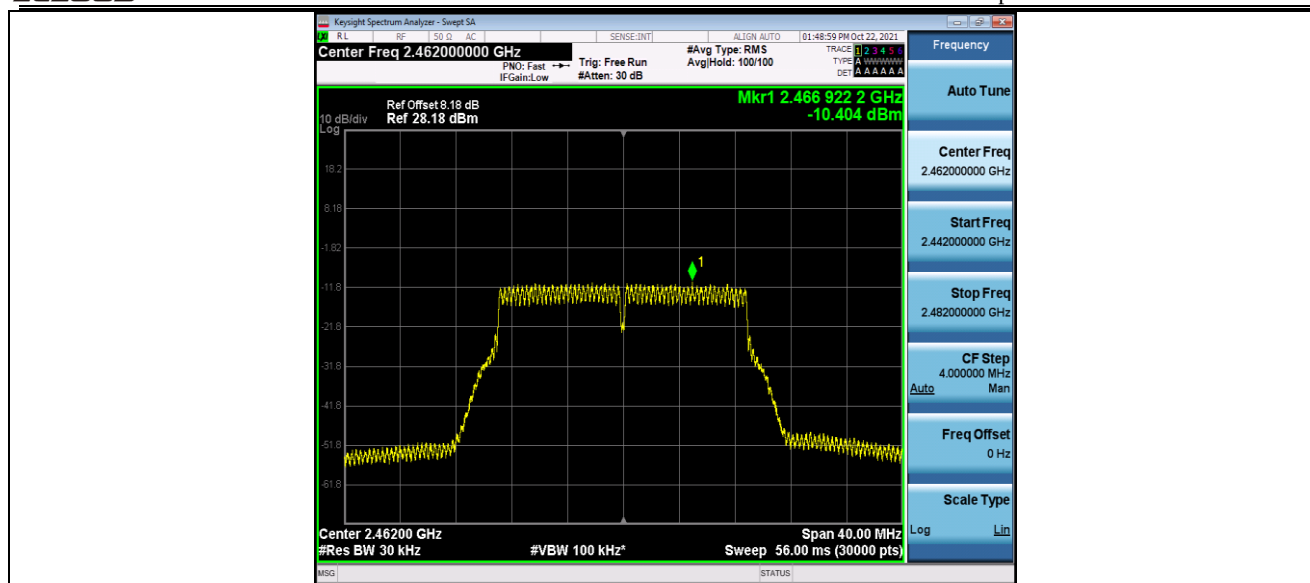
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



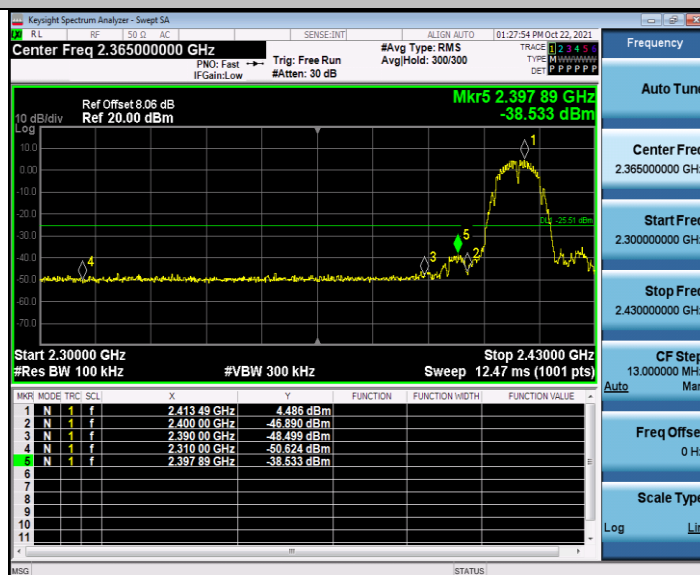
Appendix F: Band edge measurements

Test Result

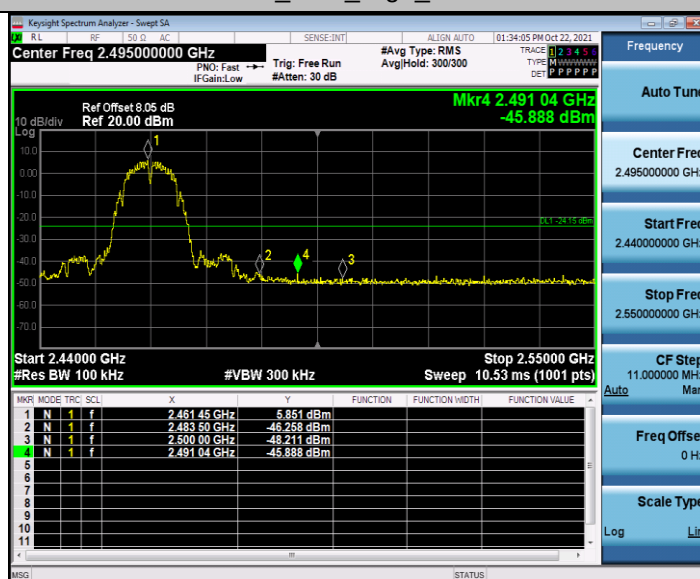
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.49	-38.53	≤-25.51	PASS
		High	2462	5.85	-45.89	≤-24.15	PASS
11G	Ant1	Low	2412	2.48	-36.58	≤-27.52	PASS
		High	2462	3.44	-40.29	≤-26.56	PASS
11N20SISO	Ant1	Low	2412	2.25	-37.85	≤-27.75	PASS
		High	2462	3.35	-39.67	≤-26.65	PASS

Test Graphs

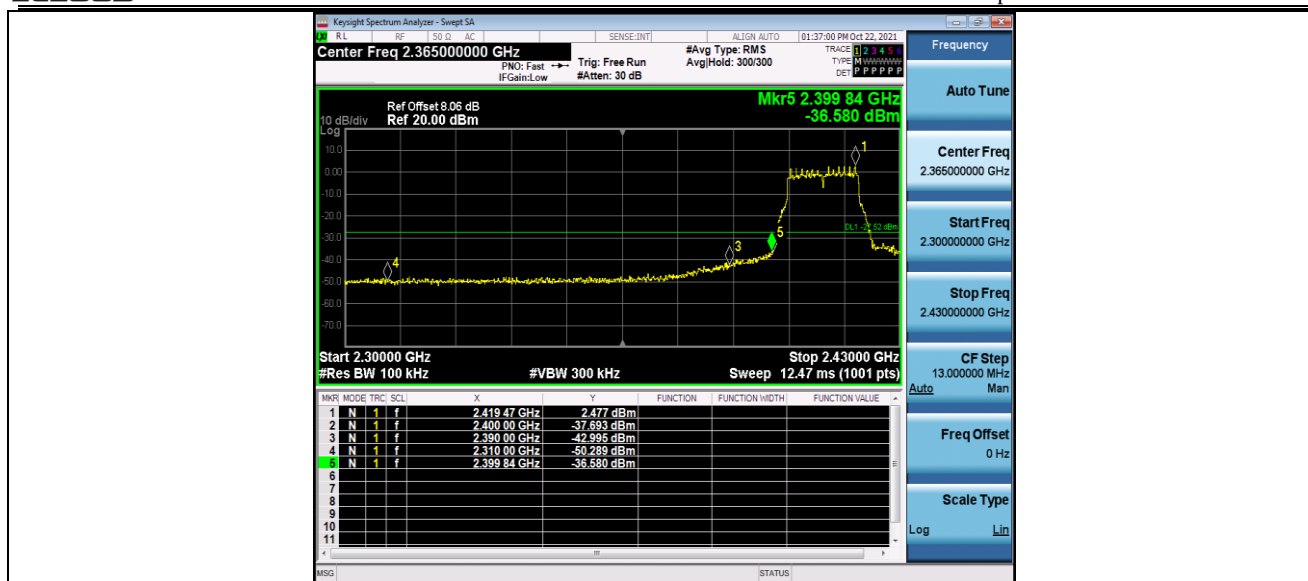
11B_Ant1_Low_2412



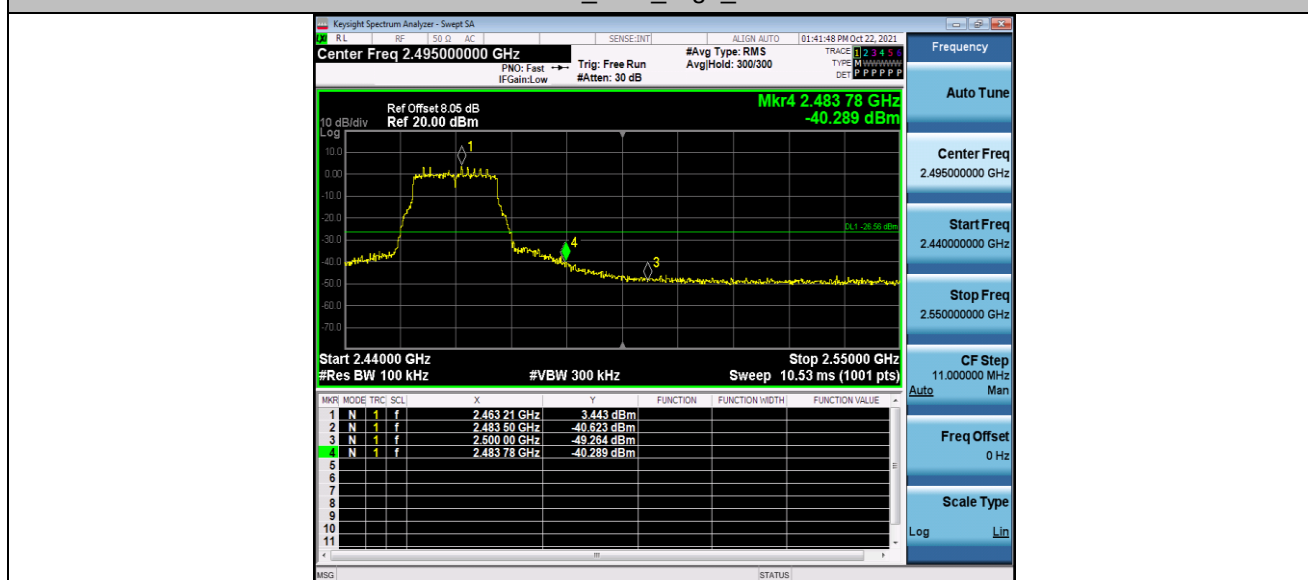
11B_Ant1_High_2462



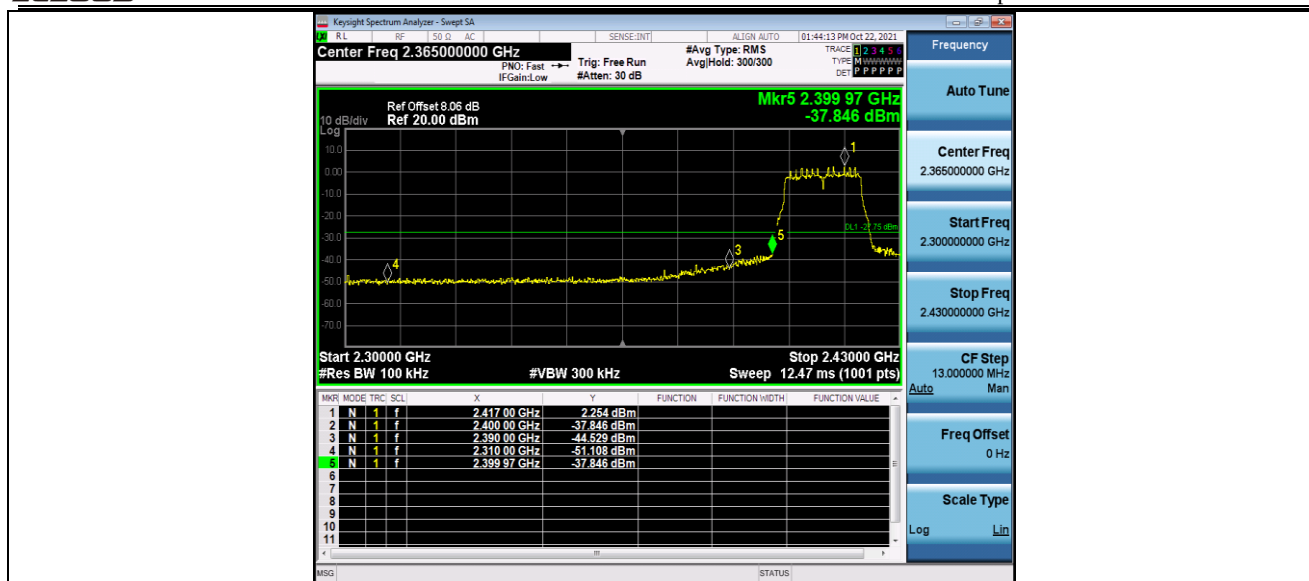
11G_Ant1_Low_2412



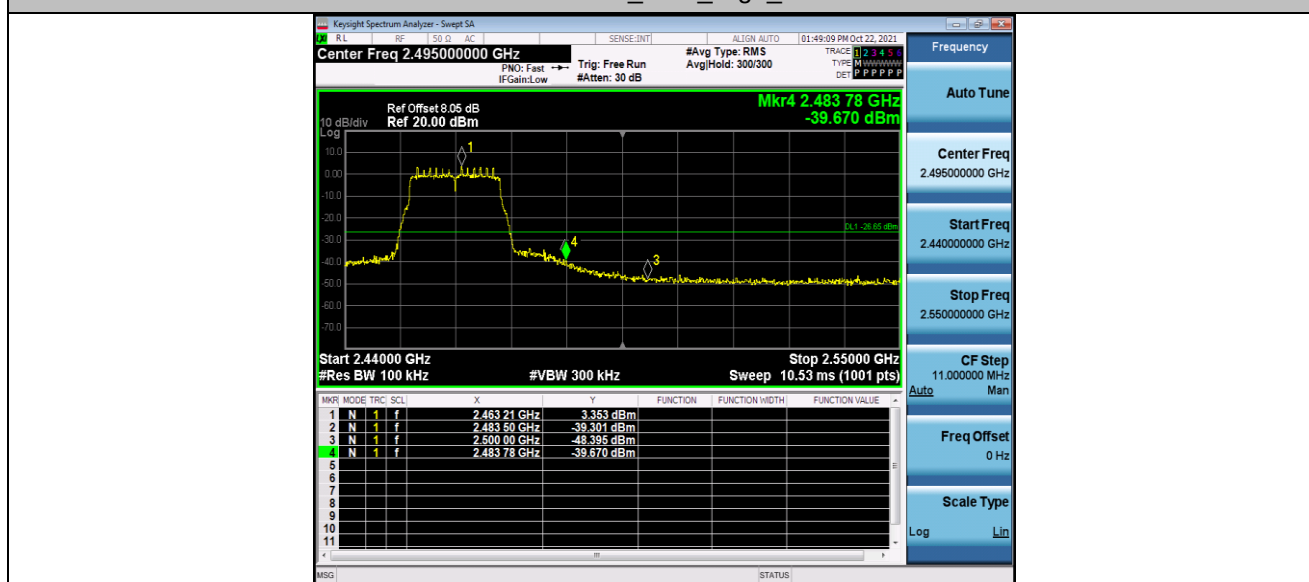
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix G: Conducted Spurious Emission

Test Result

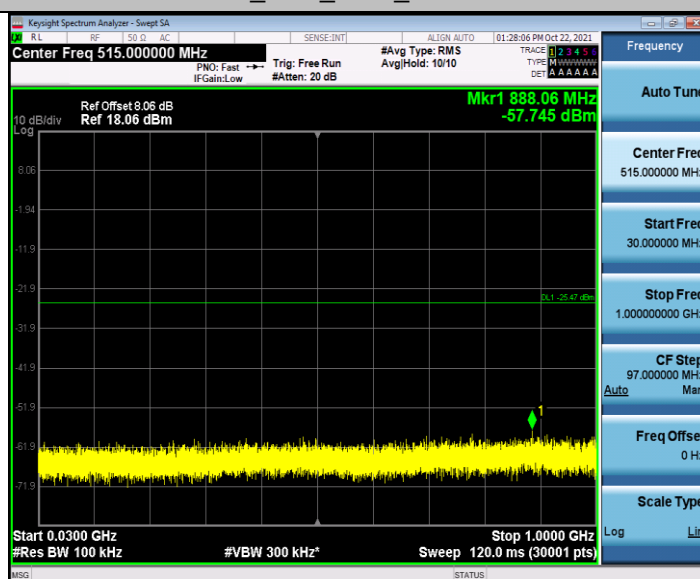
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-57.75	≤ -25.47	PASS
			1000~26500	4.53	-38.53	≤ -25.47	PASS
		2437	Reference	5.07	5.07	---	PASS
			30~1000	5.07	-57.17	≤ -24.93	PASS
			1000~26500	5.07	-39.29	≤ -24.93	PASS
		2462	Reference	5.07	5.07	---	PASS
			30~1000	5.07	-58.66	≤ -24.93	PASS
			1000~26500	5.07	-38.78	≤ -24.93	PASS
11G	Ant1	2412	Reference	2.56	2.56	---	PASS
			30~1000	2.56	-58.29	≤ -27.44	PASS
			1000~26500	2.56	-38.86	≤ -27.44	PASS
		2437	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-58.97	≤ -27.43	PASS
			1000~26500	2.57	-38.77	≤ -27.43	PASS
		2462	Reference	2.97	2.97	---	PASS
			30~1000	2.97	-58.19	≤ -27.03	PASS
			1000~26500	2.97	-39.05	≤ -27.03	PASS
11N20SISO	Ant1	2412	Reference	1.70	1.70	---	PASS
			30~1000	1.70	-59.13	≤ -28.3	PASS
			1000~26500	1.70	-38.79	≤ -28.3	PASS
		2437	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-59.76	≤ -27.4	PASS
			1000~26500	2.60	-38.93	≤ -27.4	PASS
		2462	Reference	3.12	3.12	---	PASS
			30~1000	3.12	-59.88	≤ -26.88	PASS
			1000~26500	3.12	-38.25	≤ -26.88	PASS

Test Graphs

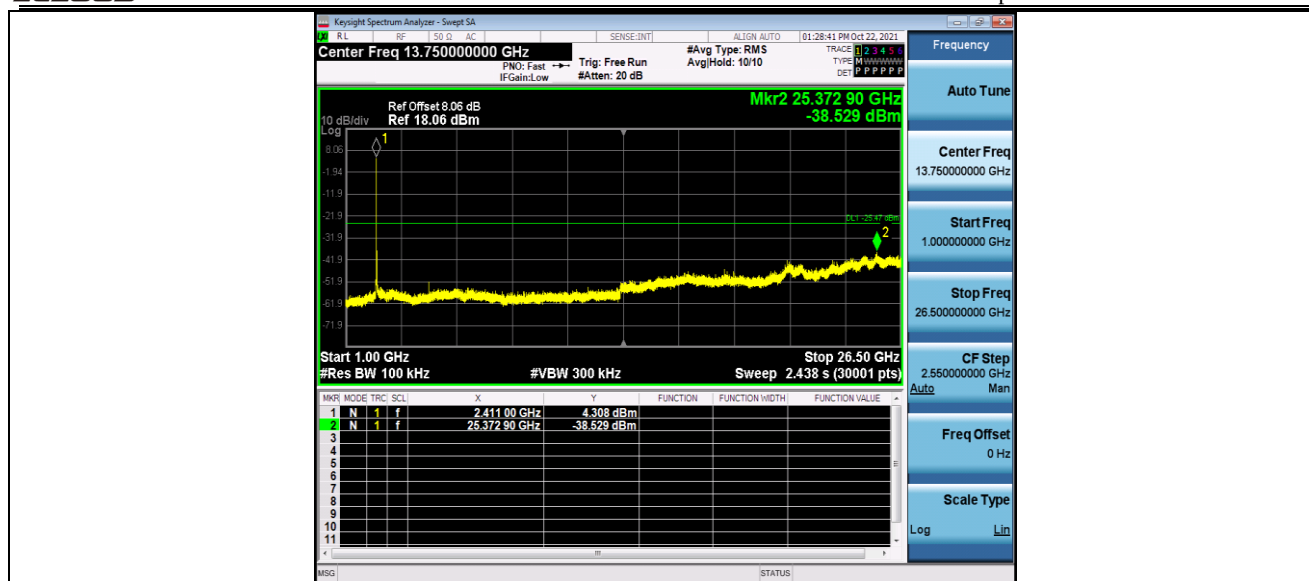
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



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



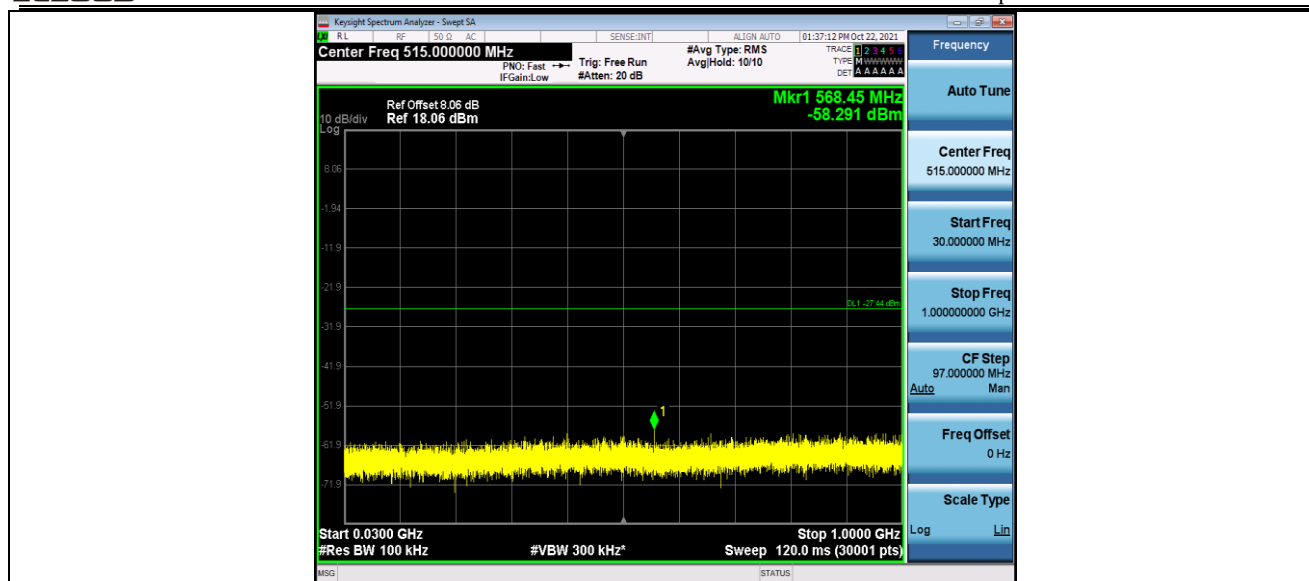
11B_Ant1_2462_1000~26500



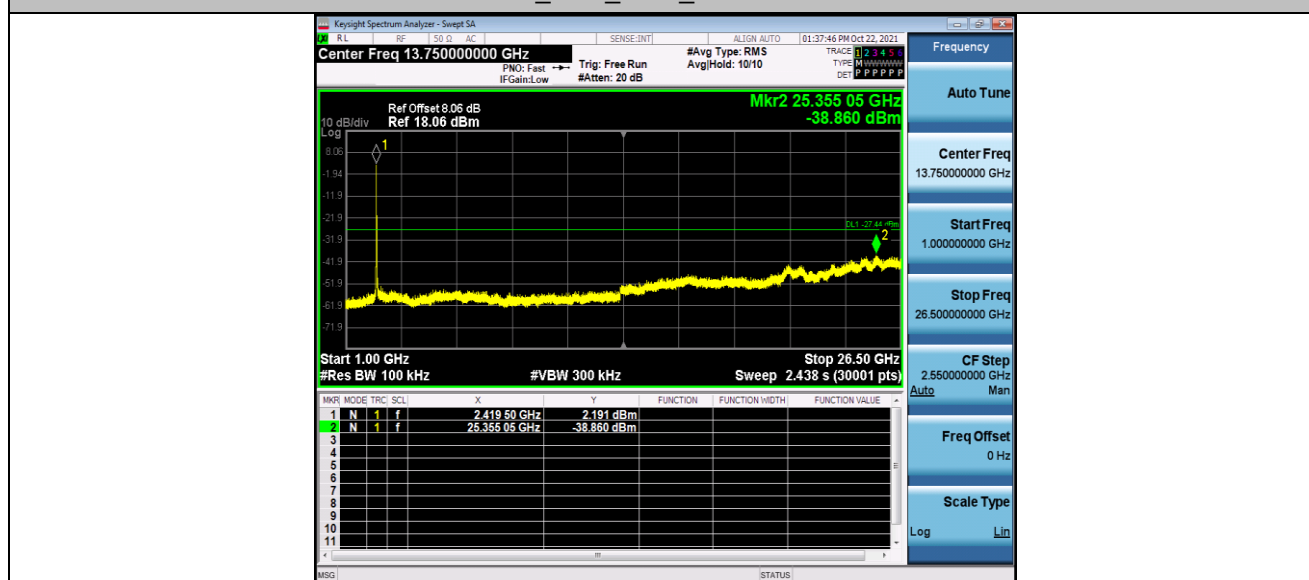
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



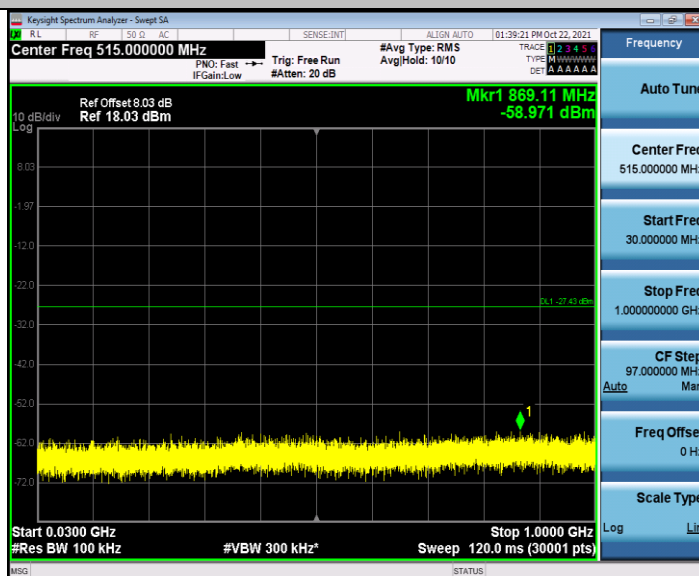
11G_Ant1_2412_1000~26500



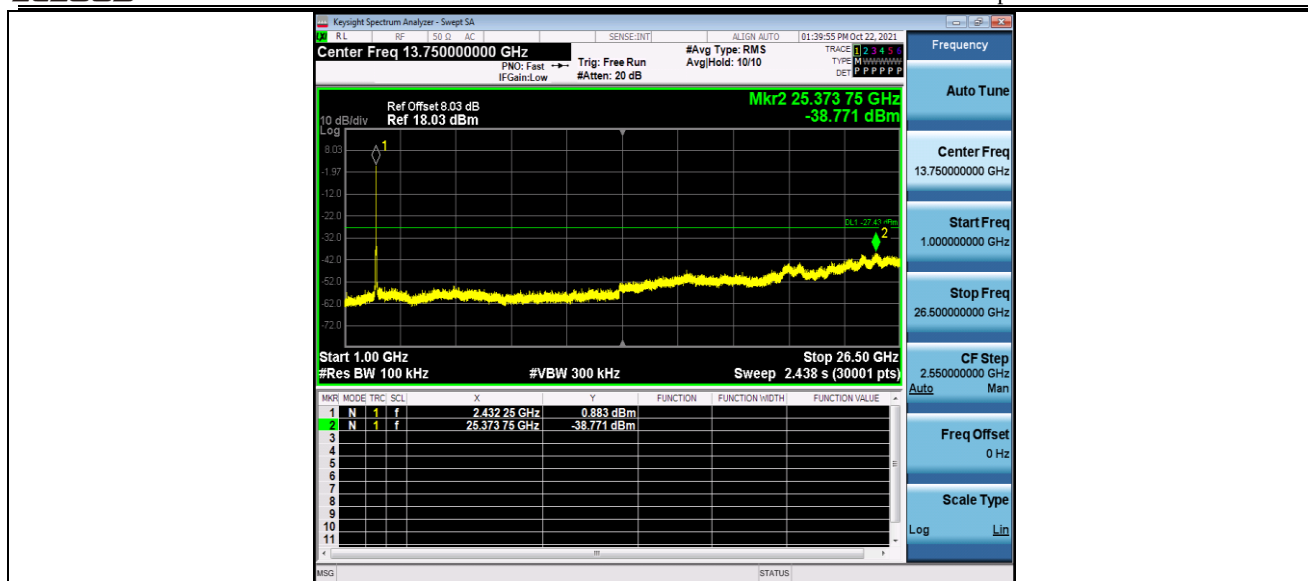
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000