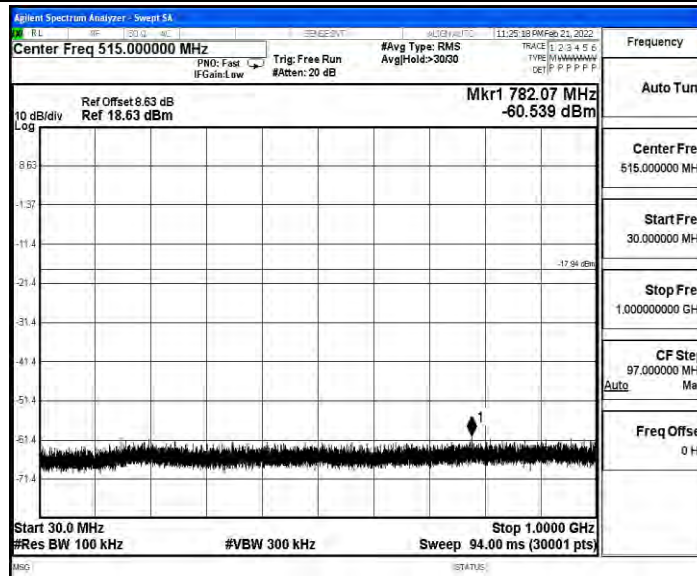
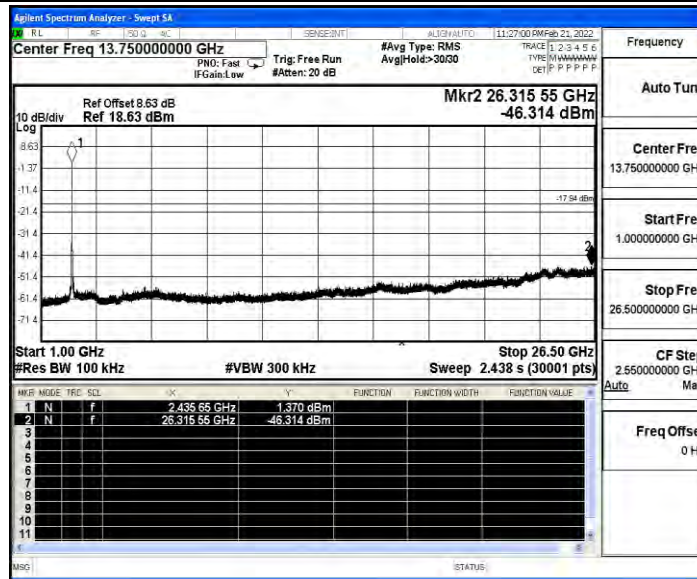


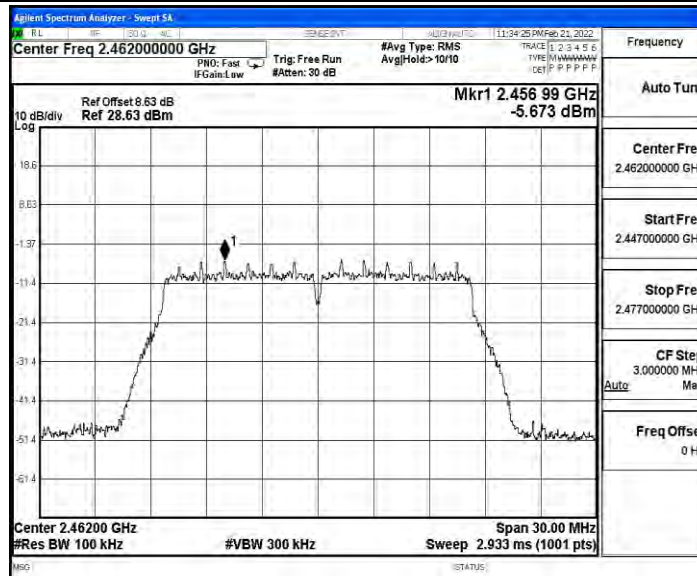
11G_Ant0_2437_30~1000



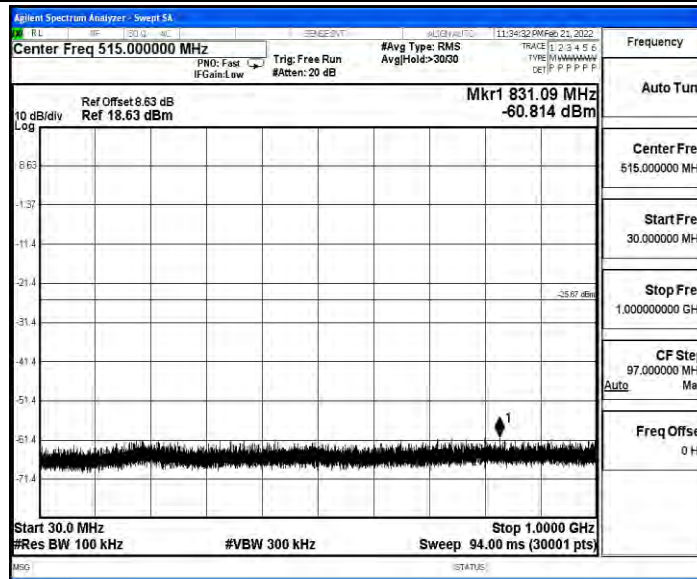
11G_Ant0_2437_1000~26500



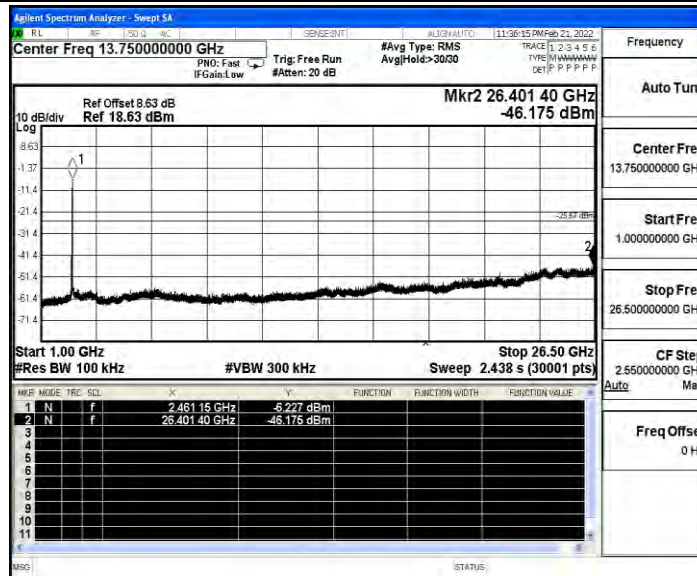
11G_Ant0_2462_0~Reference



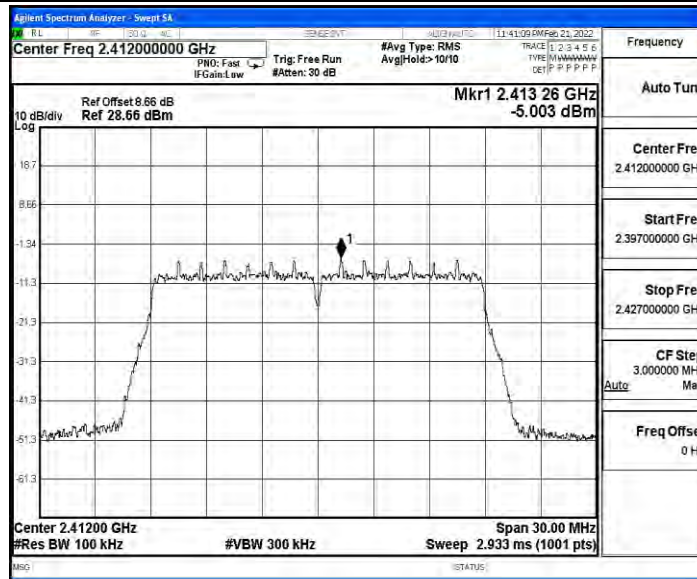
11G_Ant0_2462_30~1000



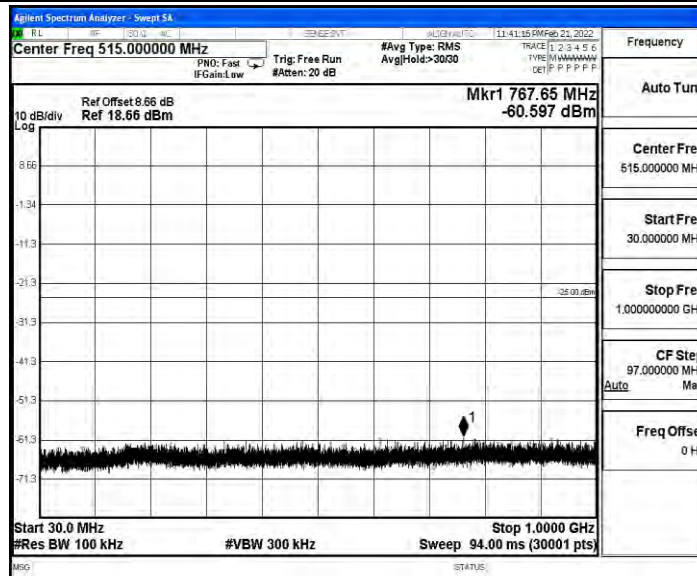
11G_Ant0_2462_1000~26500



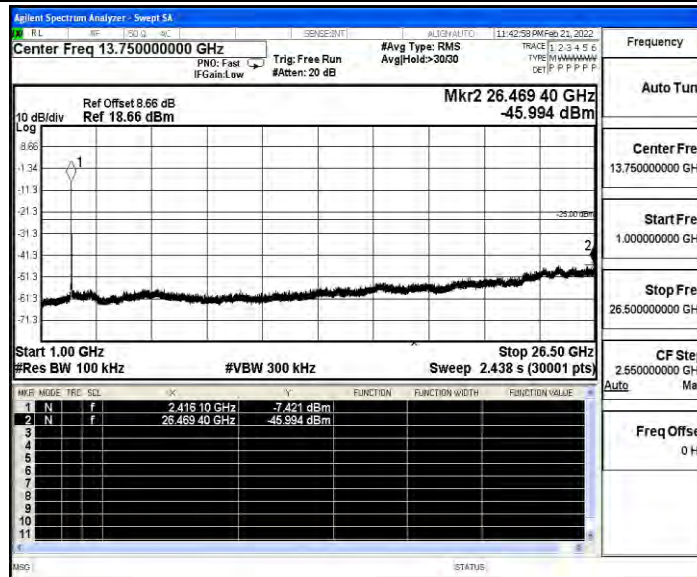
11N20SISO_Ant0_2412_0~Reference



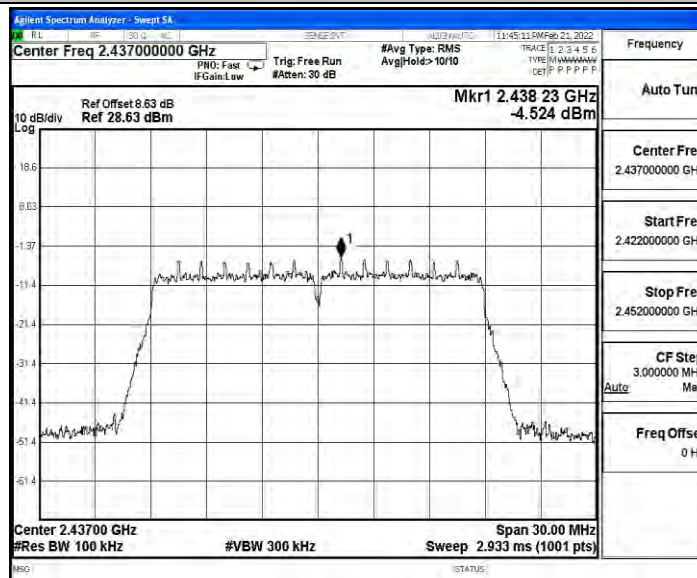
11N20SISO_Ant0_2412_30~1000



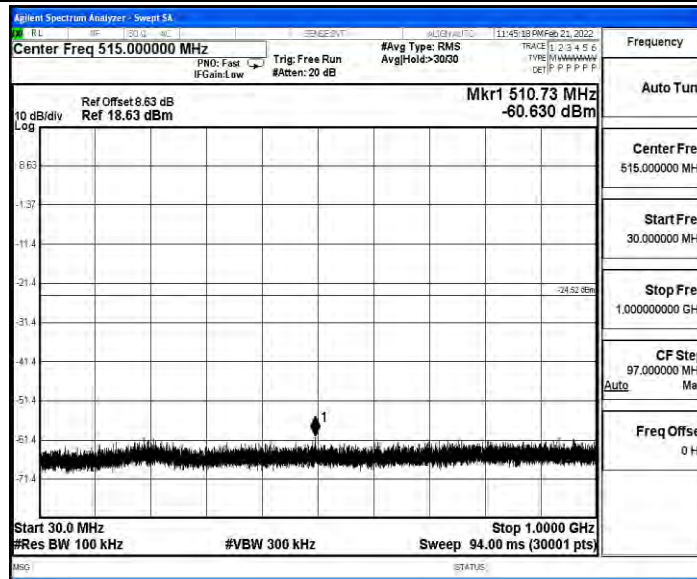
11N20SISO_Ant0_2412_1000~26500



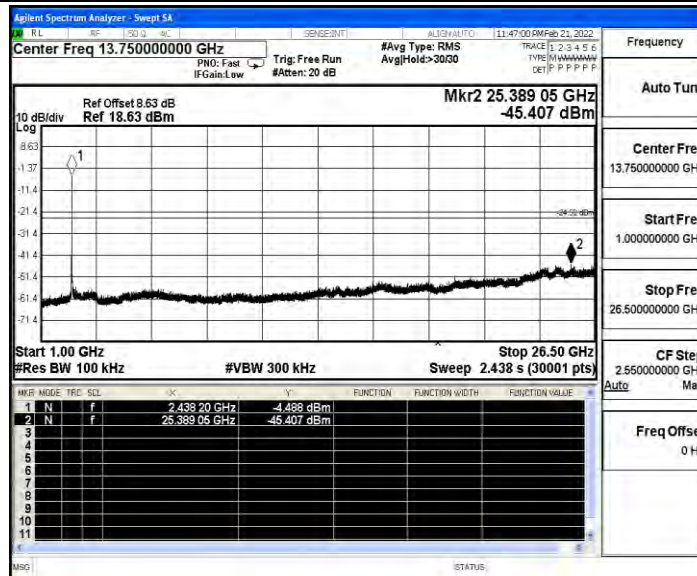
11N20SISO_Ant0_2437_0~Reference



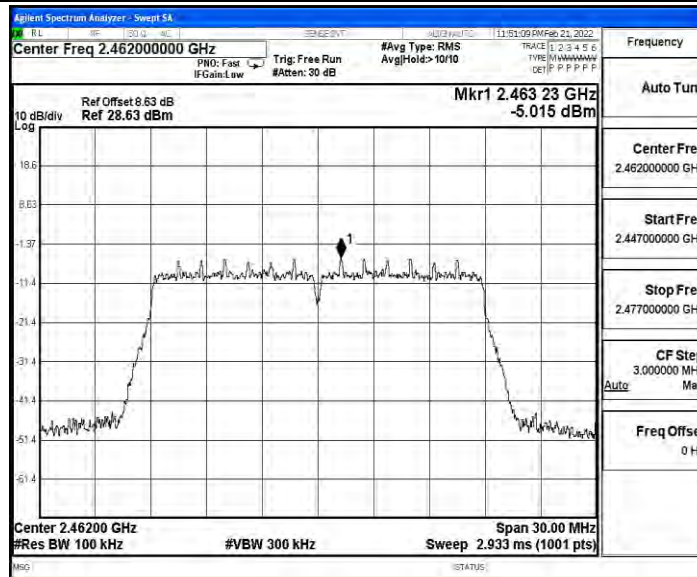
11N20SISO_Ant0_2437_30~1000



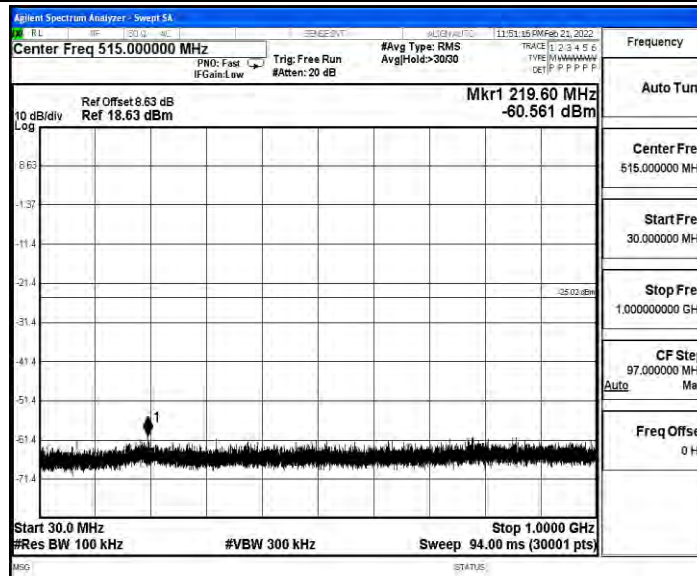
11N20SISO_Ant0_2437_1000~26500



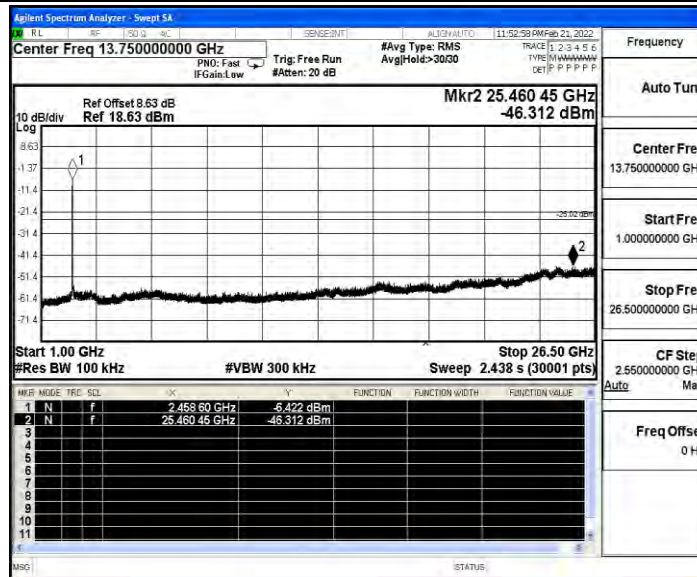
11N20SISO_Ant0_2462_0~Reference



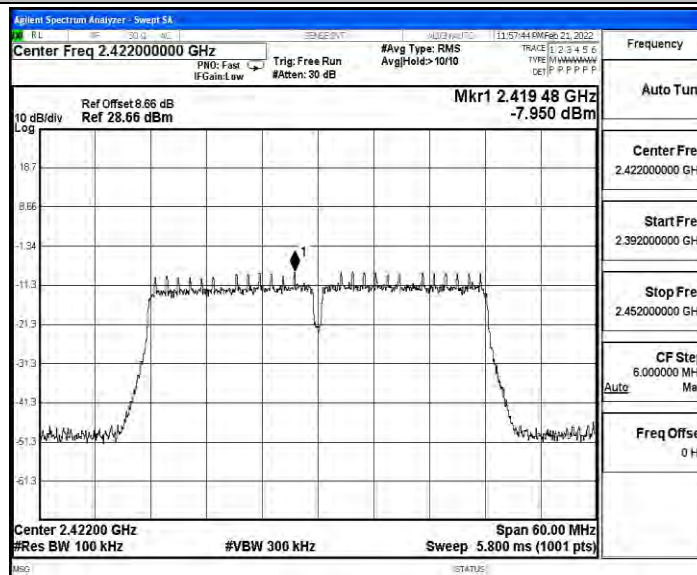
11N20SISO_Ant0_2462_30~1000



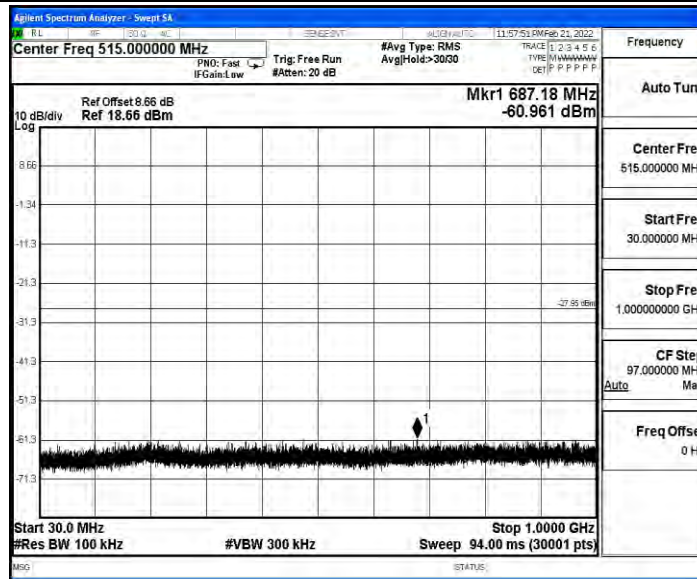
11N20SISO_Ant0_2462_1000~26500



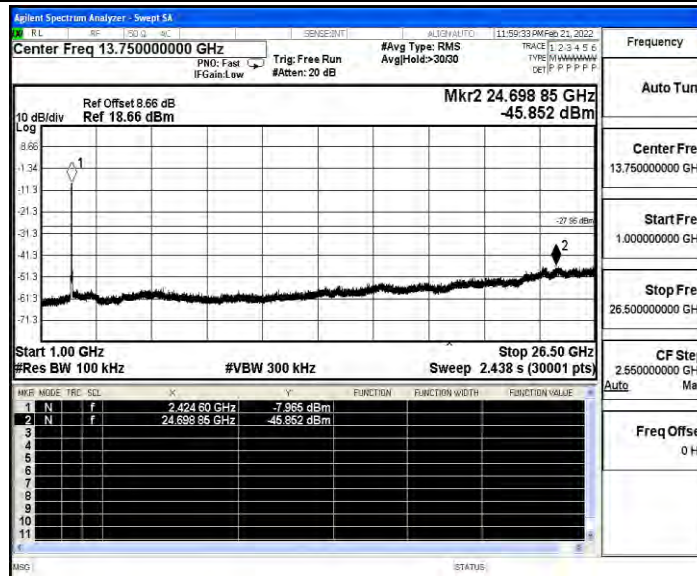
11N40SISO_Ant0_2422_0~Reference



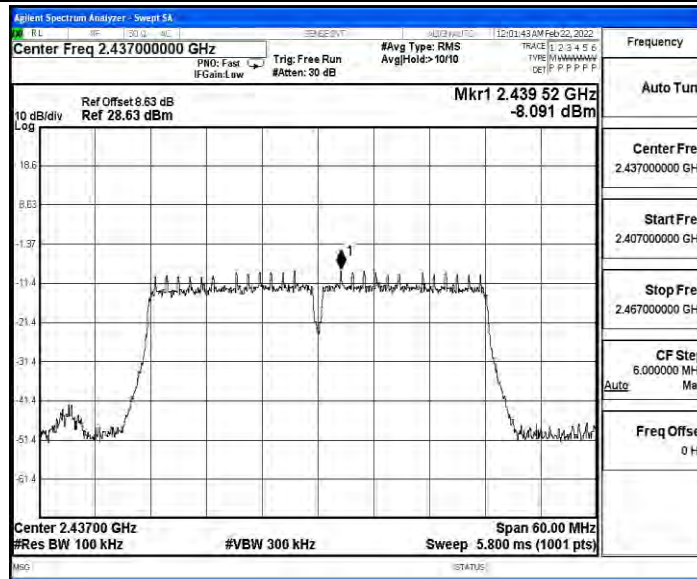
11N40SISO_Ant0_2422_30~1000



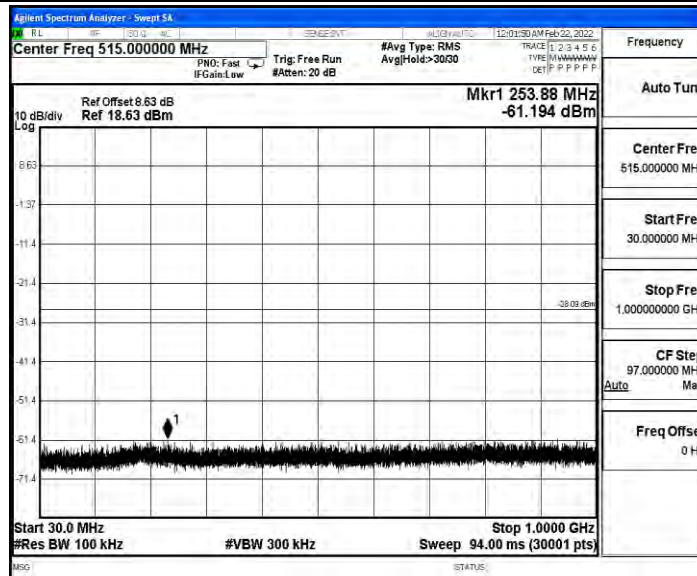
11N40SISO_Ant0_2422_1000~26500



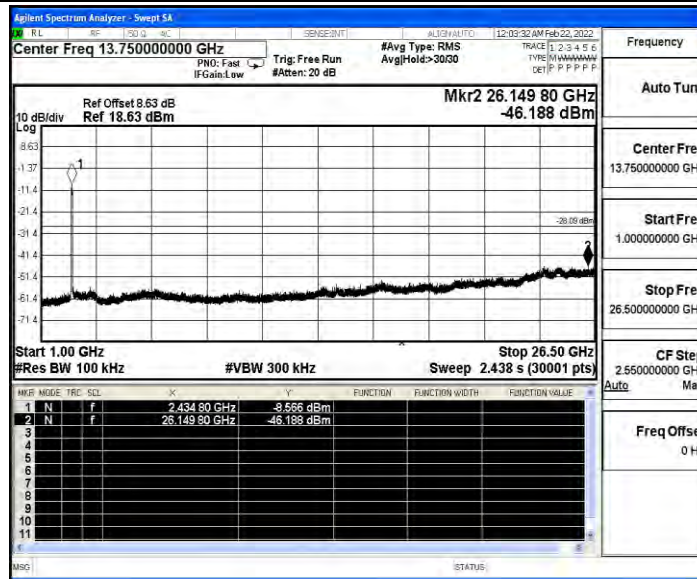
11N40SISO_Ant0_2437_0~Reference



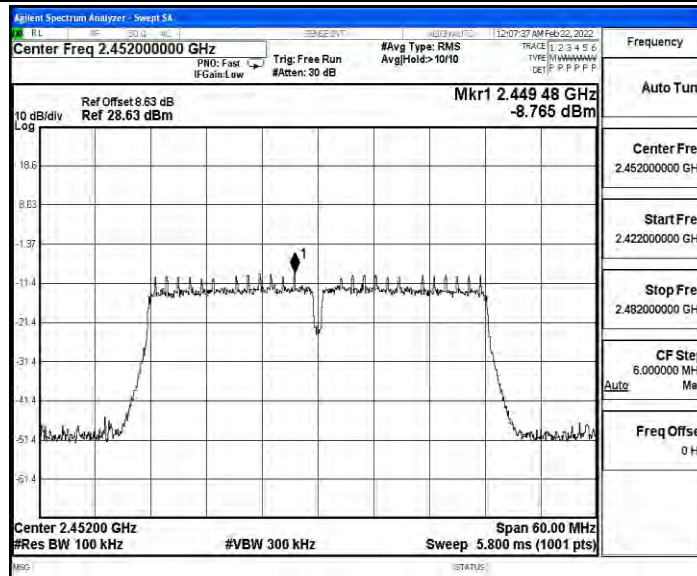
11N40SISO_Ant0_2437_30~1000



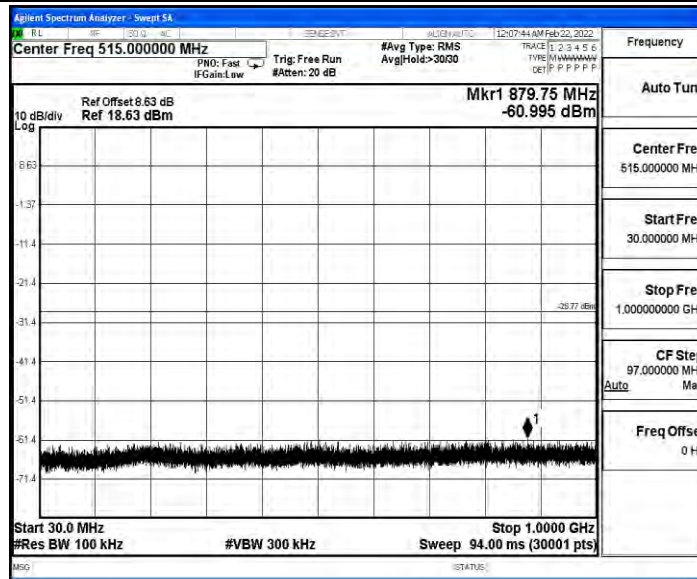
11N40SISO_Ant0_2437_1000~26500



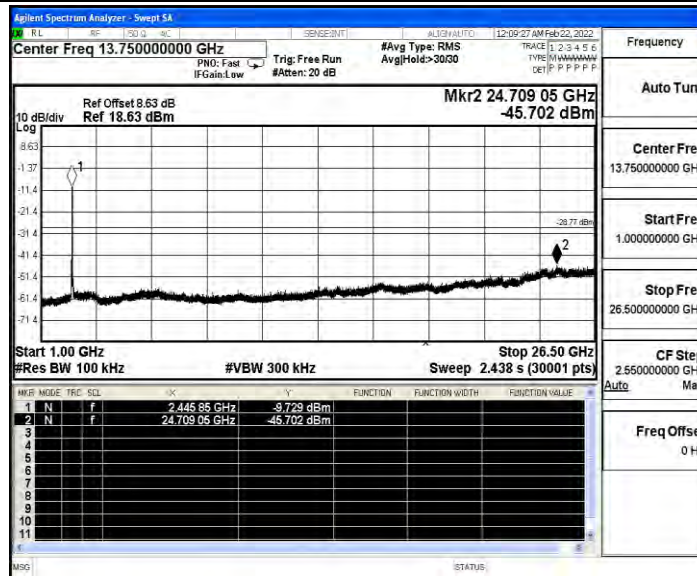
11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



11N40SISO_Ant0_2452_1000~26500



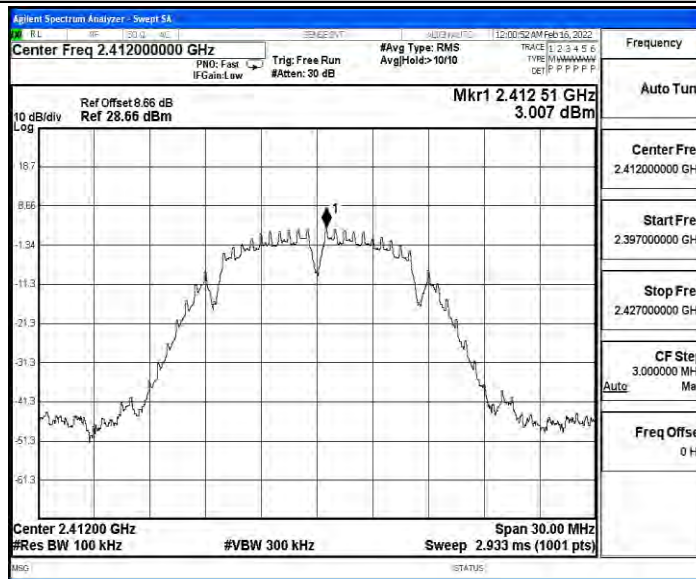


TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.01	3.01	---	PASS
			30~1000	3.01	-60.82	≤-16.99	PASS
			1000~26500	3.01	-45.6	≤-16.99	PASS
		2437	Reference	2.83	2.83	---	PASS
			30~1000	2.83	-60.12	≤-17.17	PASS
			1000~26500	2.83	-45.9	≤-17.17	PASS
		2462	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-60.67	≤-17.27	PASS
			1000~26500	2.73	-45.58	≤-17.27	PASS
11G	Ant1	2412	Reference	-4.02	-4.02	---	PASS
			30~1000	-4.02	-61.15	≤-24.02	PASS
			1000~26500	-4.02	-46.05	≤-24.02	PASS
		2437	Reference	-5.57	-5.57	---	PASS
			30~1000	-5.57	-60.12	≤-25.57	PASS
			1000~26500	-5.57	-45.86	≤-25.57	PASS
		2462	Reference	-5.17	-5.17	---	PASS
			30~1000	-5.17	-60.67	≤-25.17	PASS
			1000~26500	-5.17	-46.02	≤-25.17	PASS
11N20SISO	Ant1	2412	Reference	-4.74	-4.74	---	PASS
			30~1000	-4.74	-60.72	≤-24.74	PASS
			1000~26500	-4.74	-46.36	≤-24.74	PASS
		2437	Reference	-4.83	-4.83	---	PASS
			30~1000	-4.83	-60.59	≤-24.83	PASS
			1000~26500	-4.83	-45.58	≤-24.83	PASS
		2462	Reference	-5.01	-5.01	---	PASS
			30~1000	-5.01	-60.76	≤-25.01	PASS
			1000~26500	-5.01	-46.14	≤-25.01	PASS
11N40SISO	Ant1	2422	Reference	-7.74	-7.74	---	PASS
			30~1000	-7.74	-60.49	≤-27.74	PASS
			1000~26500	-7.74	-46.26	≤-27.74	PASS
		2437	Reference	-7.44	-7.44	---	PASS
			30~1000	-7.44	-60.55	≤-27.44	PASS
			1000~26500	-7.44	-46.11	≤-27.44	PASS
		2452	Reference	-7.32	-7.32	---	PASS
			30~1000	-7.32	-61.13	≤-27.32	PASS
			1000~26500	-7.32	-45.96	≤-27.32	PASS

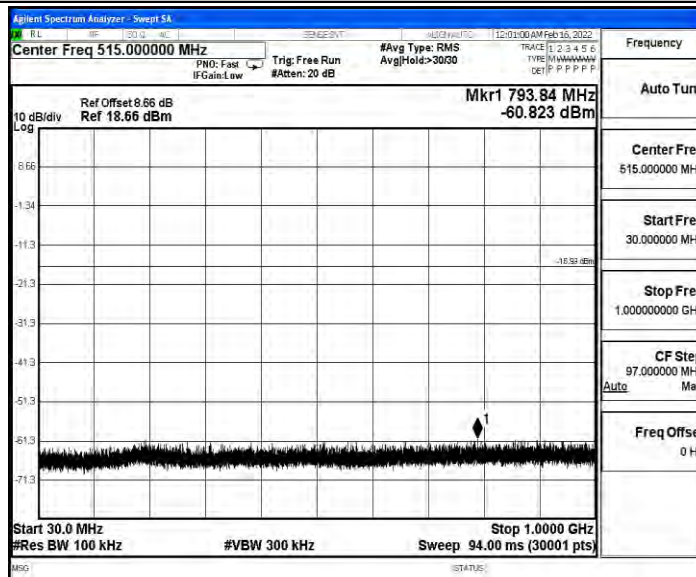


Test Graphs

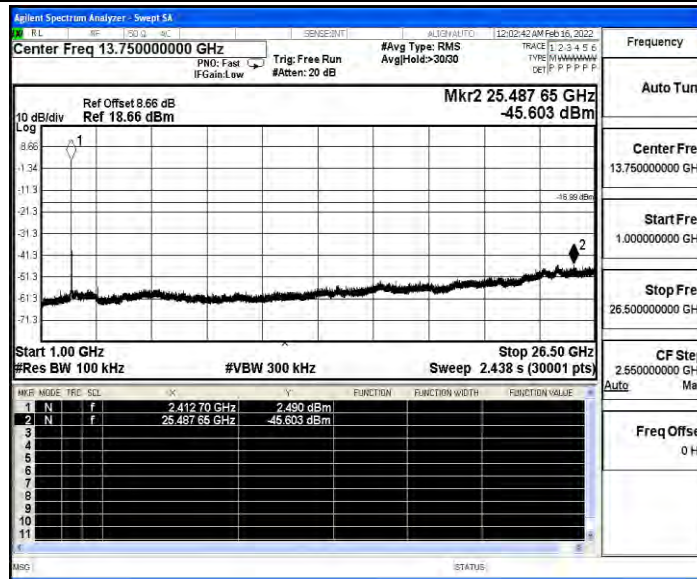
11B_Ant1_2412_0~Reference



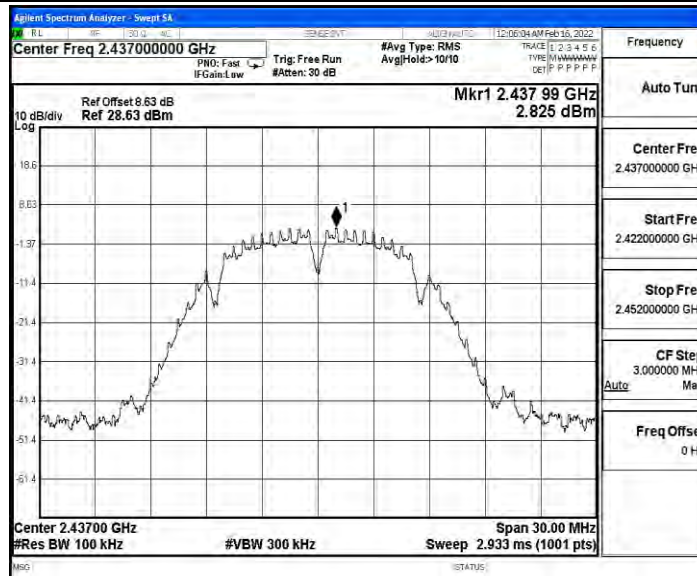
11B_Ant1_2412_30~1000



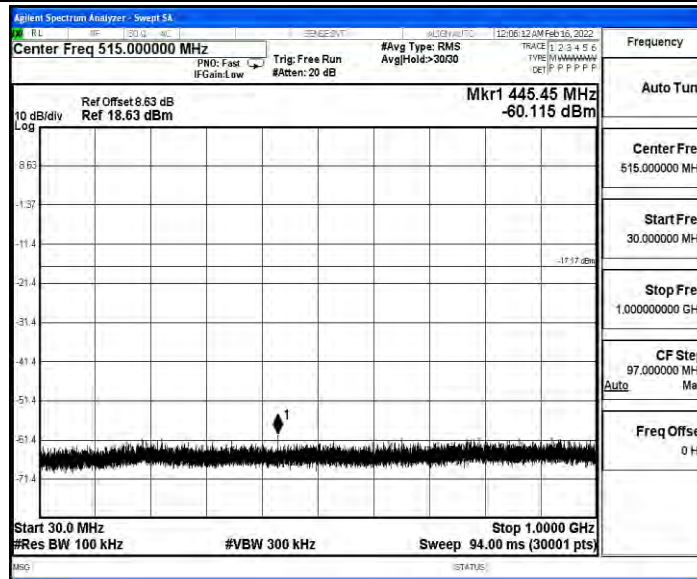
11B_Ant1_2412_1000~26500



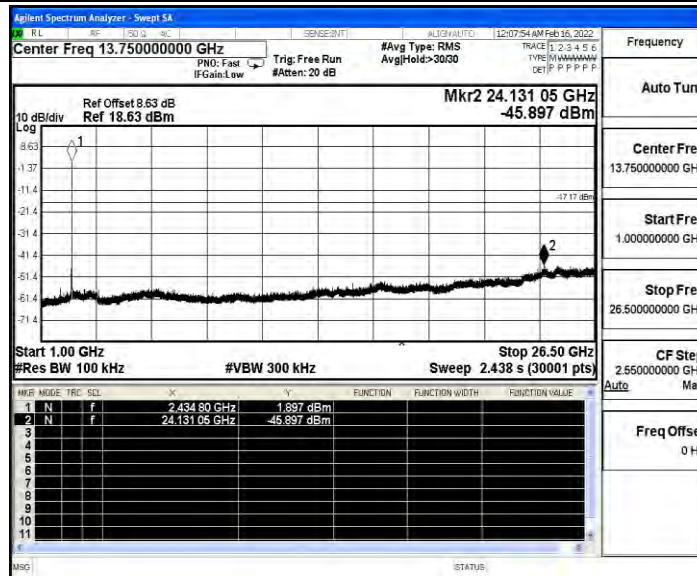
11B_Ant1_2437_0~Reference



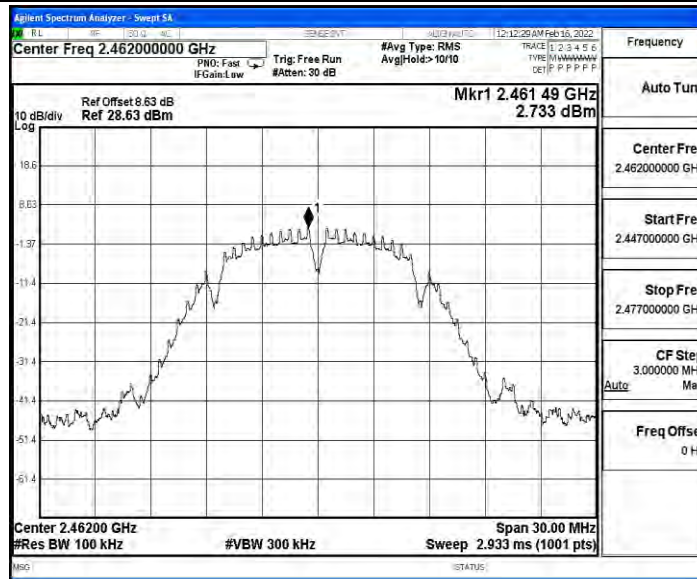
11B_Ant1_2437_30~1000



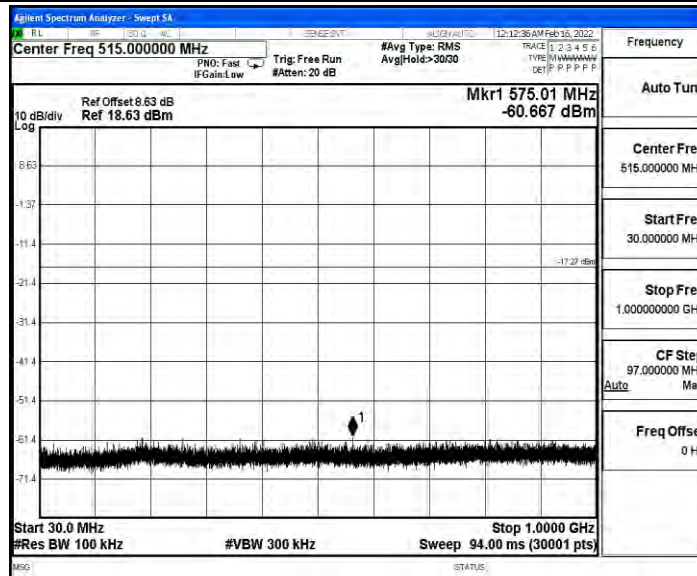
11B_Ant1_2437_1000~26500



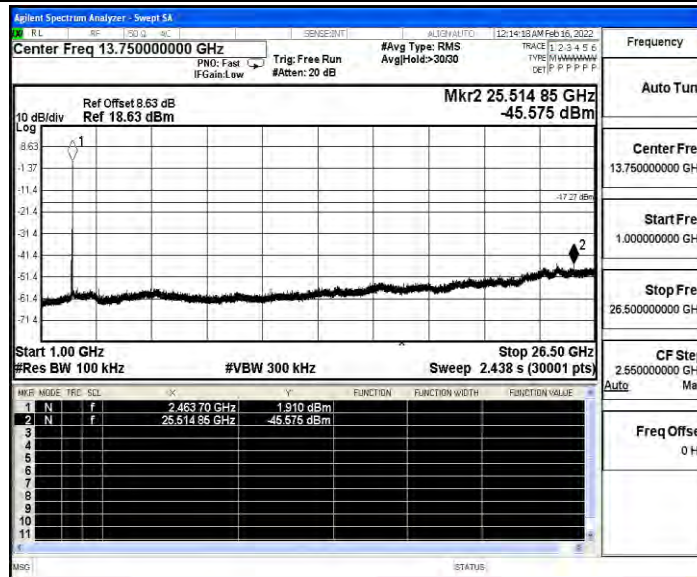
11B_Ant1_2462_0~Reference



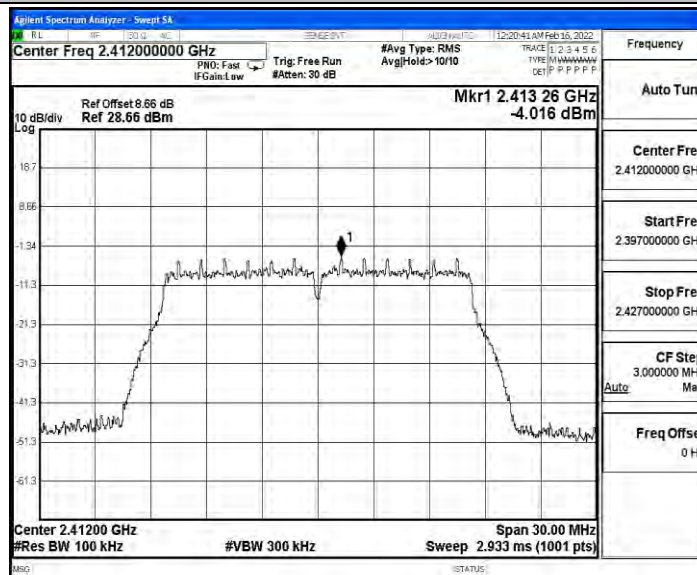
11B_Ant1_2462_30~1000



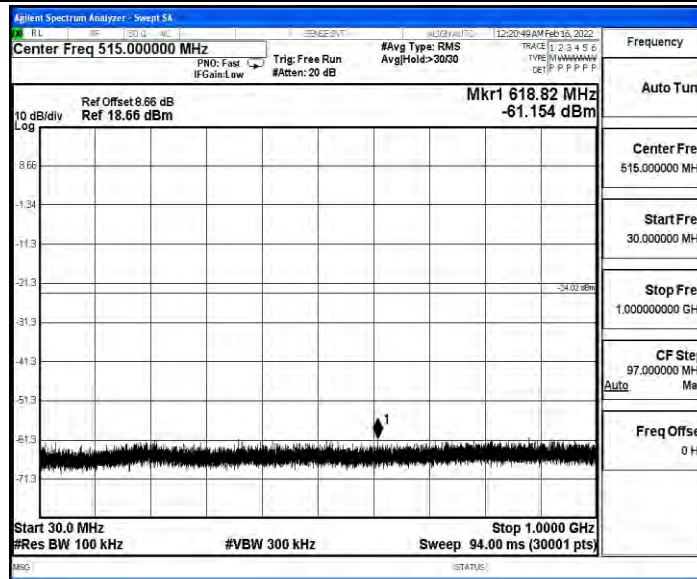
11B_Ant1_2462_1000~26500



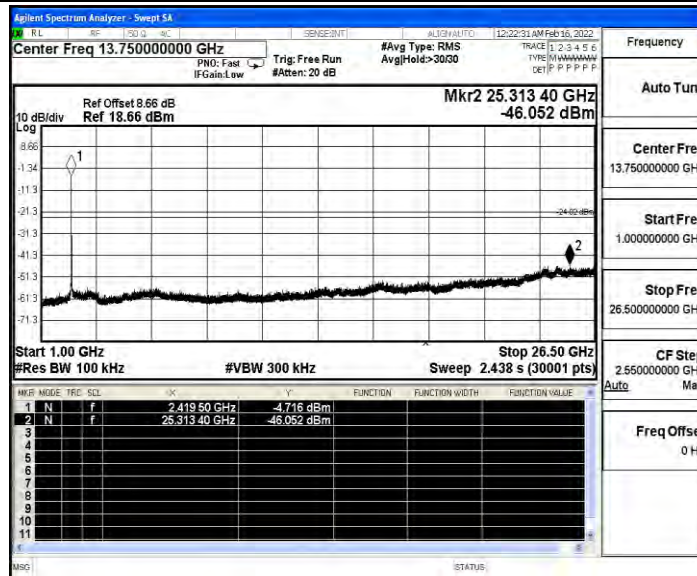
11G_Ant1_2412_0~Reference



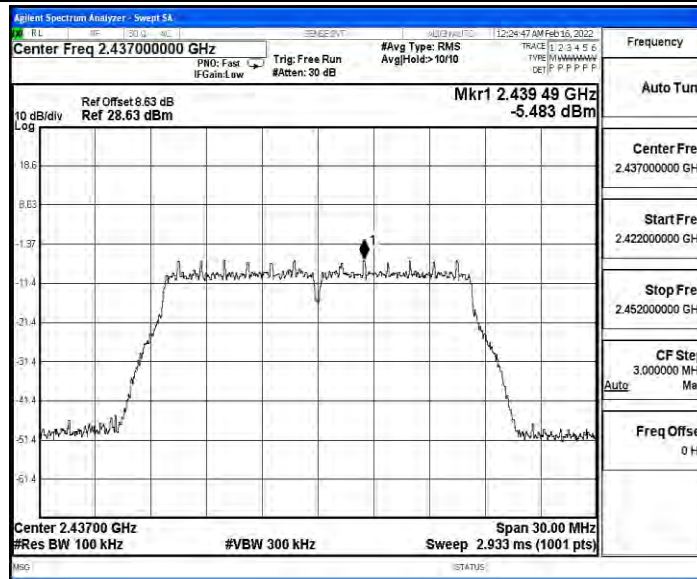
11G_Ant1_2412_30~1000



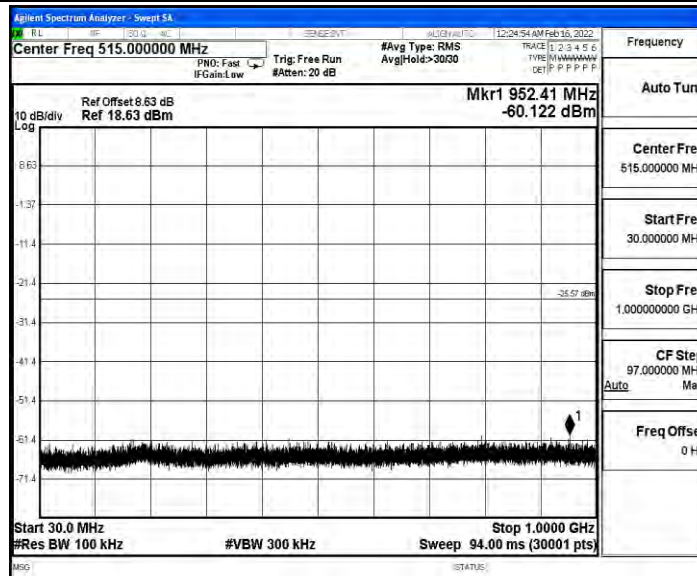
11G_Ant1_2412_1000~26500



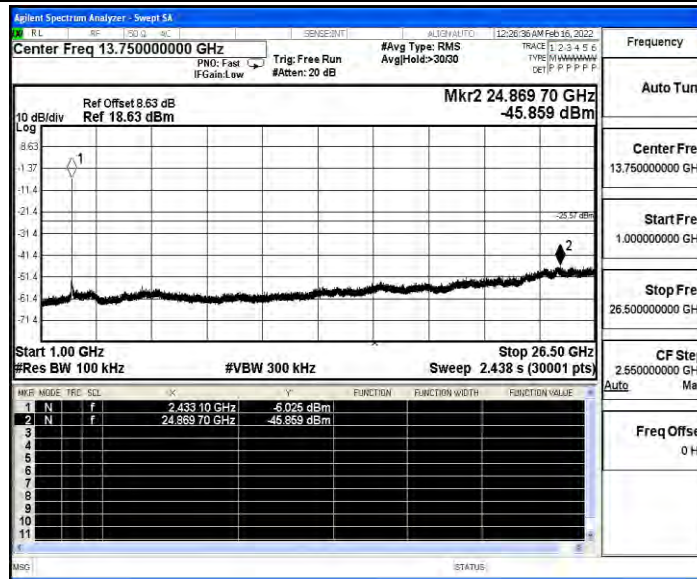
11G_Ant1_2437_0~Reference



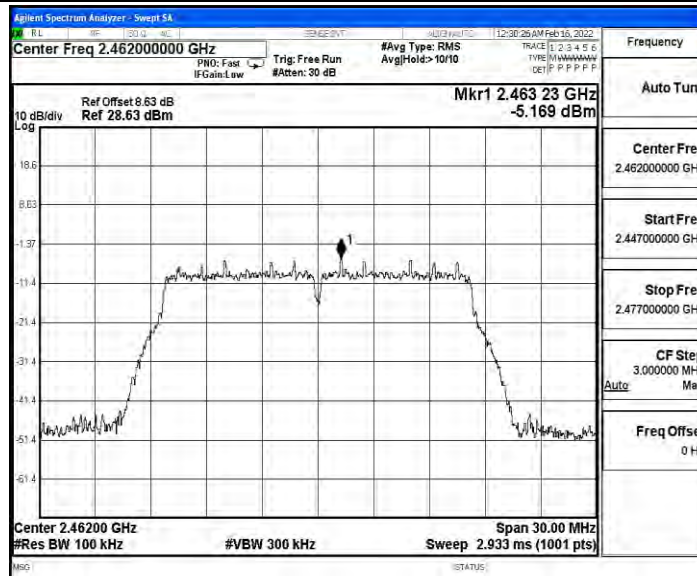
11G_Ant1_2437_30~1000



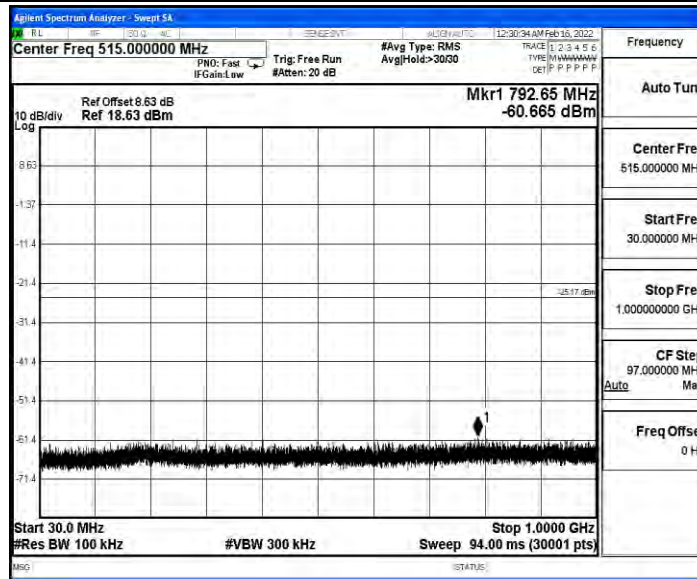
11G_Ant1_2437_1000~26500



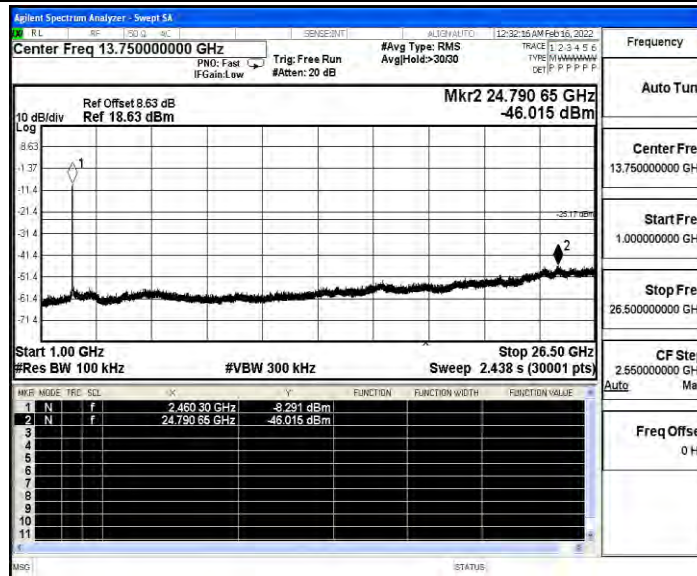
11G_Ant1_2462_0~Reference



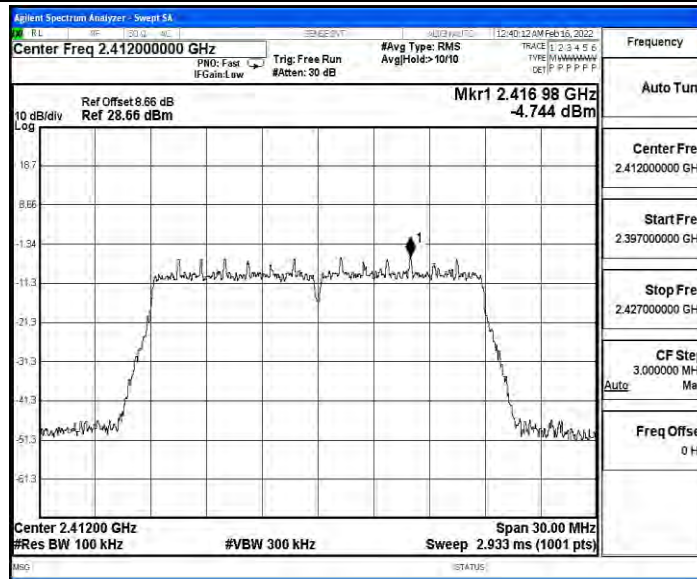
11G_Ant1_2462_30~1000



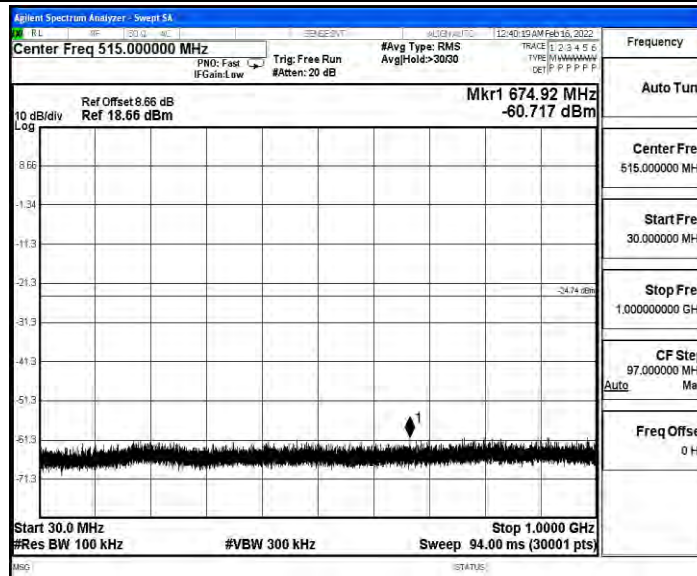
11G_Ant1_2462_1000~26500



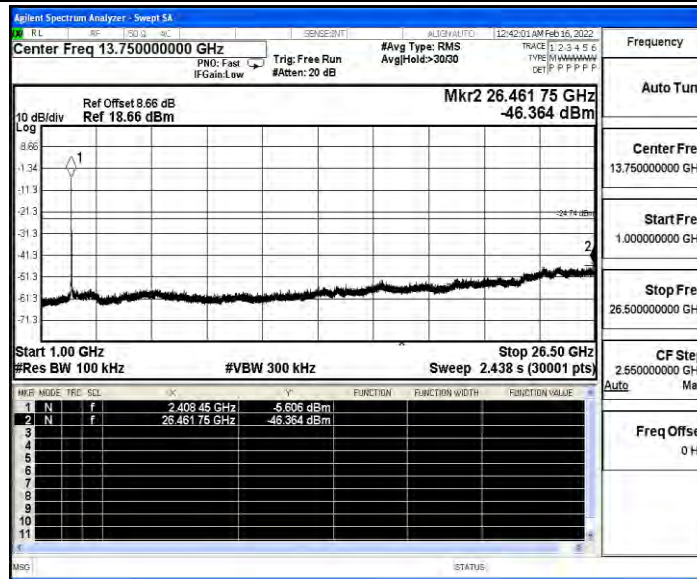
11N20SISO_Ant1_2412_0~Reference



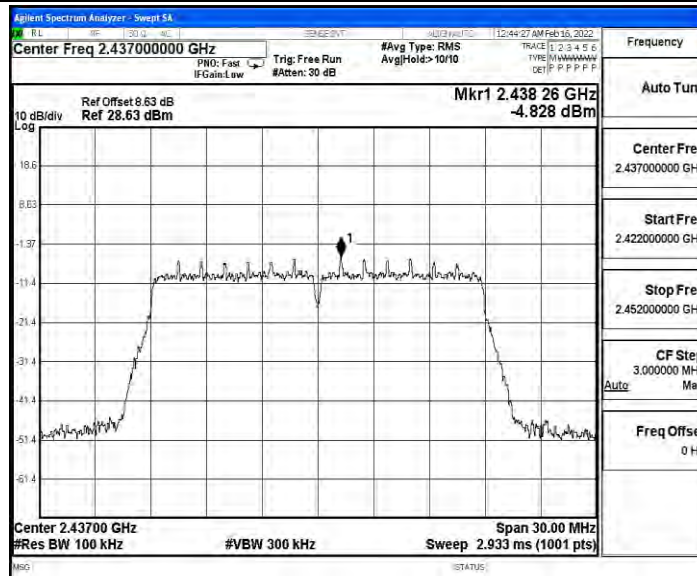
11N20SISO_Ant1_2412_30~1000



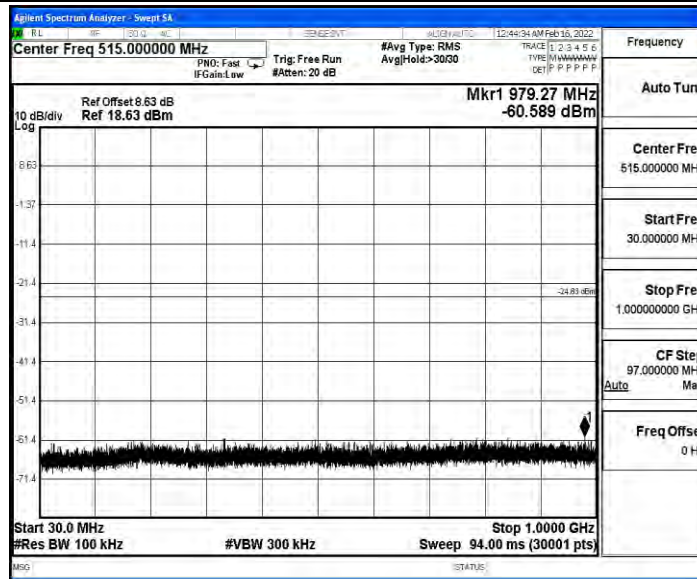
11N20SISO_Ant1_2412_1000~26500



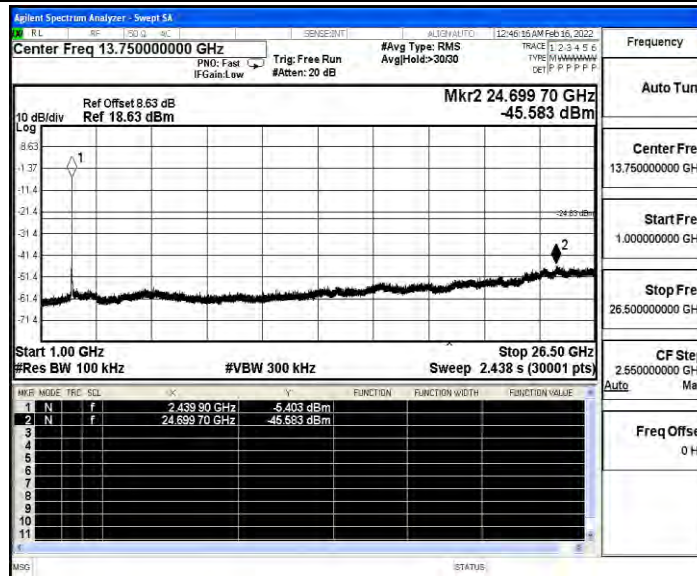
11N20SISO_Ant1_2437_0~Reference



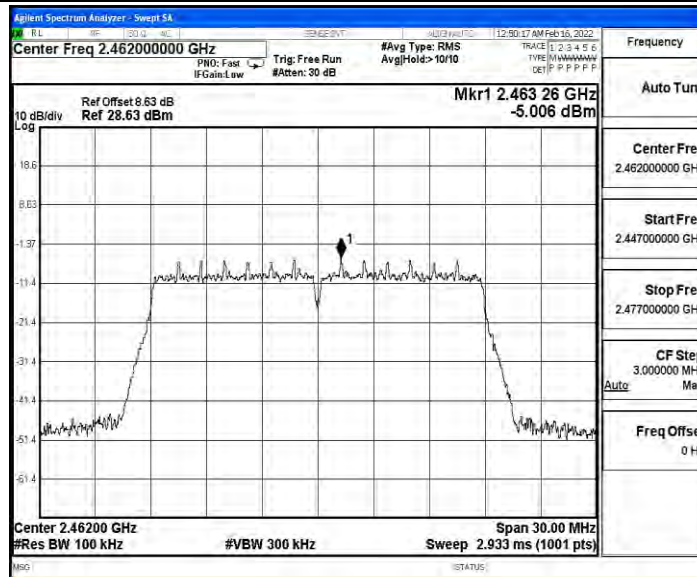
11N20SISO_Ant1_2437_30~1000



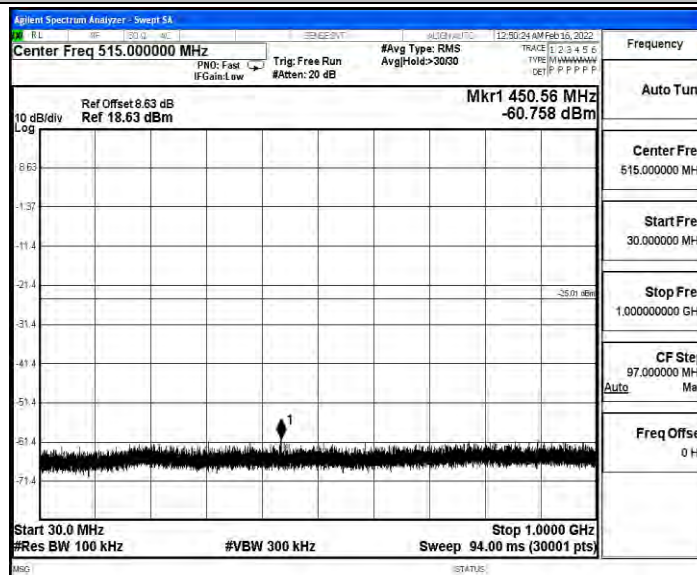
11N20SISO_Ant1_2437_1000~26500



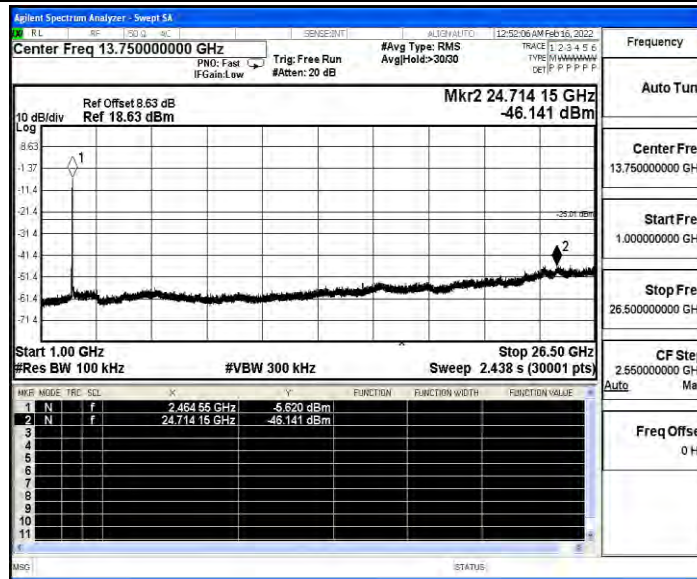
11N20SISO_Ant1_2462_0~Reference



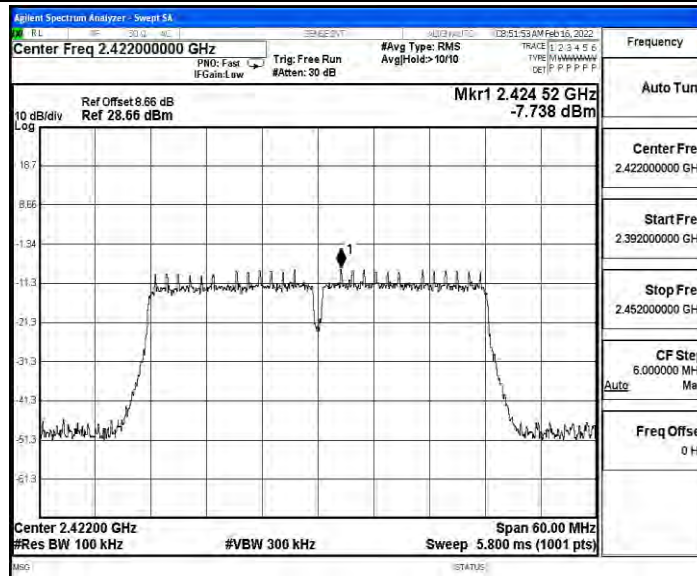
11N20SISO_Ant1_2462_30~1000



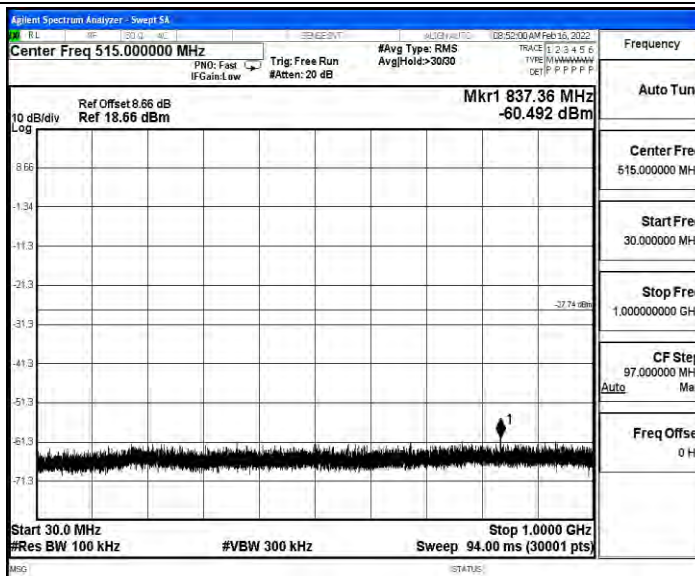
11N20SISO_Ant1_2462_1000~26500



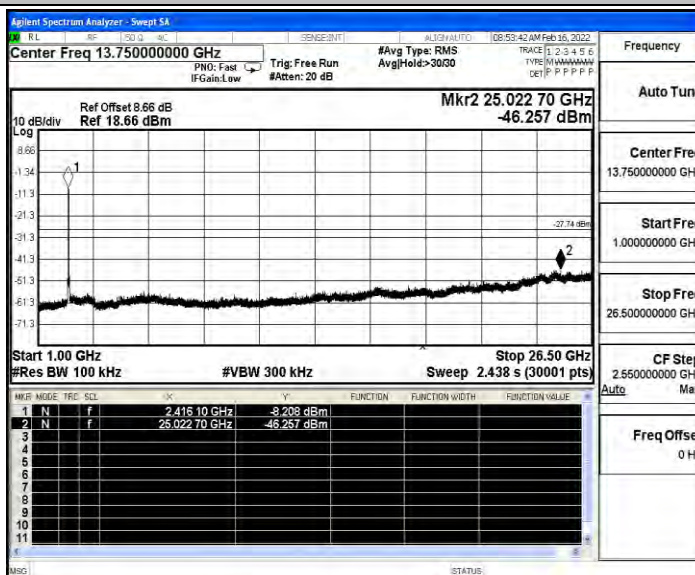
11N40SISO_Ant1_2422_0~Reference



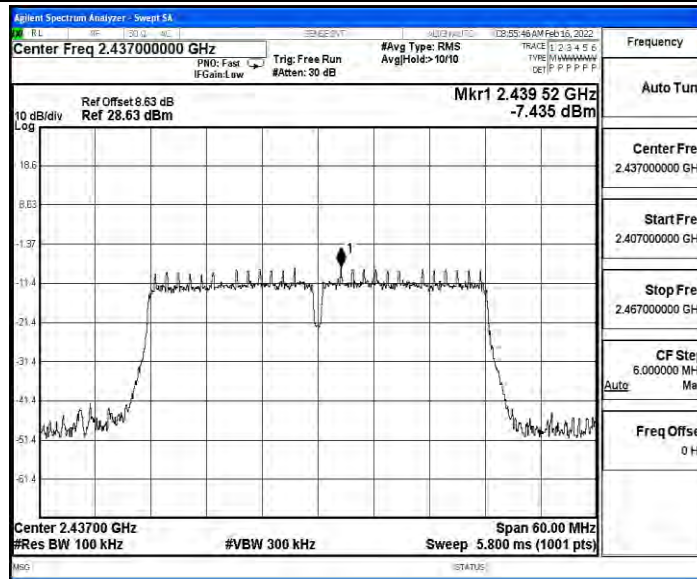
11N40SISO_Ant1_2422_30~1000



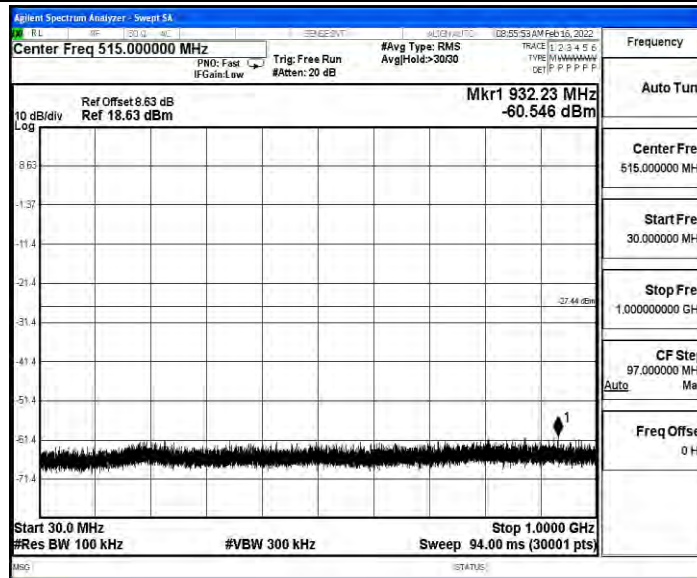
11N40SISO_Ant1_2422_1000~26500



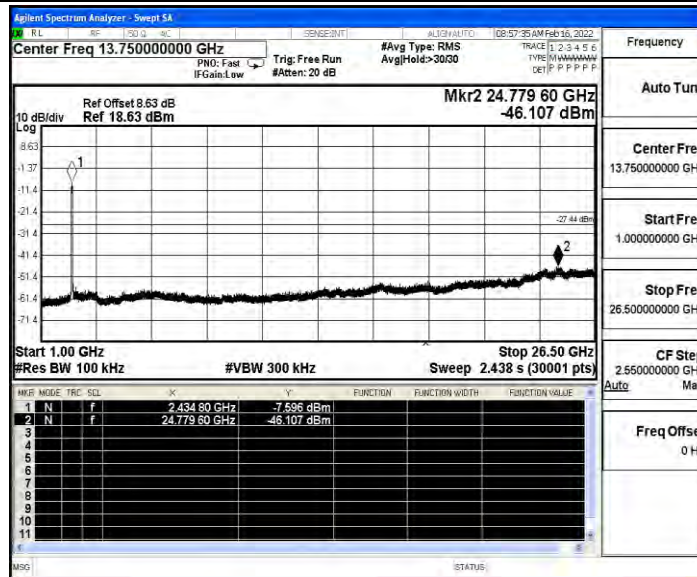
11N40SISO_Ant1_2437_0~Reference



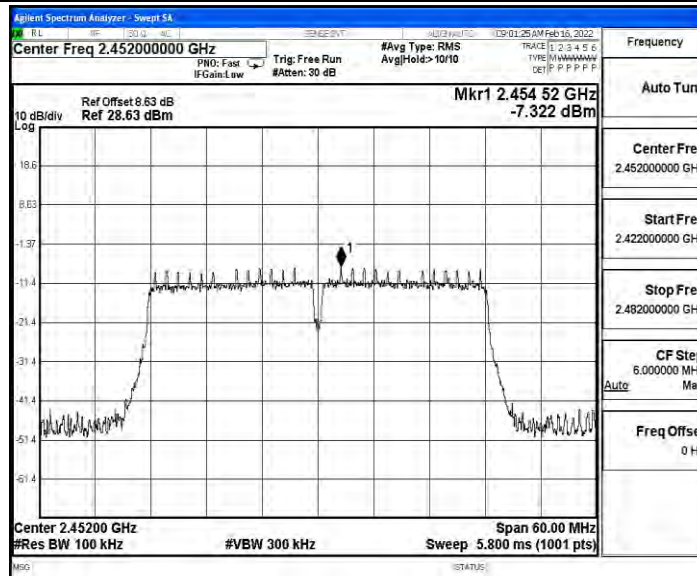
11N40SISO_Ant1_2437_30~1000



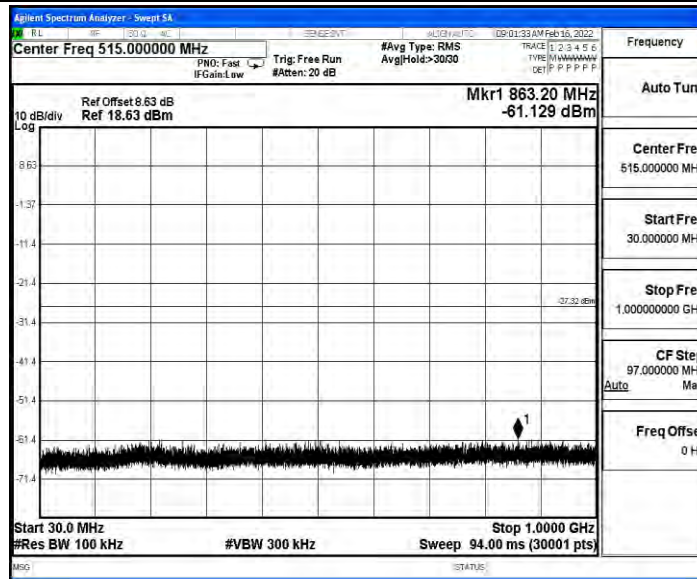
11N40SISO_Ant1_2437_1000~26500



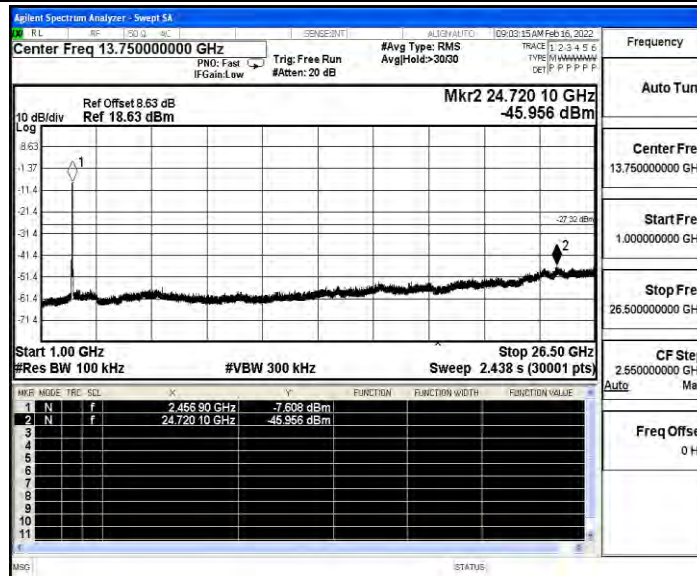
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500





A.7 Duty Cycle

Ant0

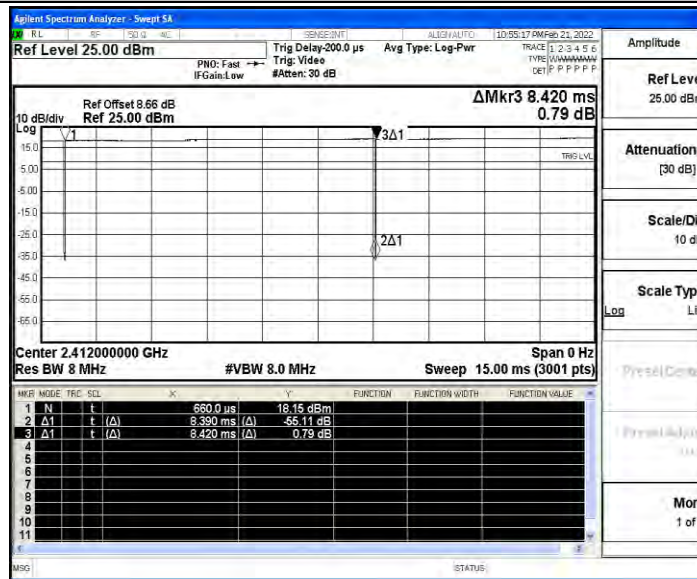
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant0	2412	8.39	8.42	99.64	---	---
		2437	8.39	8.41	99.76	---	---
		2462	8.39	8.42	99.64	---	---
11G	Ant0	2412	1.39	1.43	97.20	---	---
		2437	1.39	1.43	97.20	---	---
		2462	1.39	1.43	97.20	---	---
11N20SISO	Ant0	2412	1.30	1.33	97.74	---	---
		2437	1.30	1.34	97.01	---	---
		2462	1.30	1.34	97.01	---	---
11N40SISO	Ant0	2422	0.65	0.69	94.20	---	---
		2437	0.65	0.68	95.59	---	---
		2452	0.65	0.68	95.59	---	---

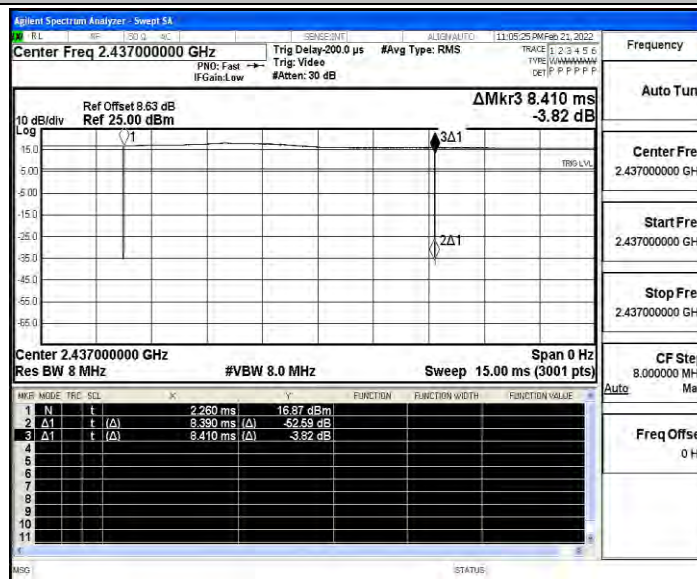


Test Graphs

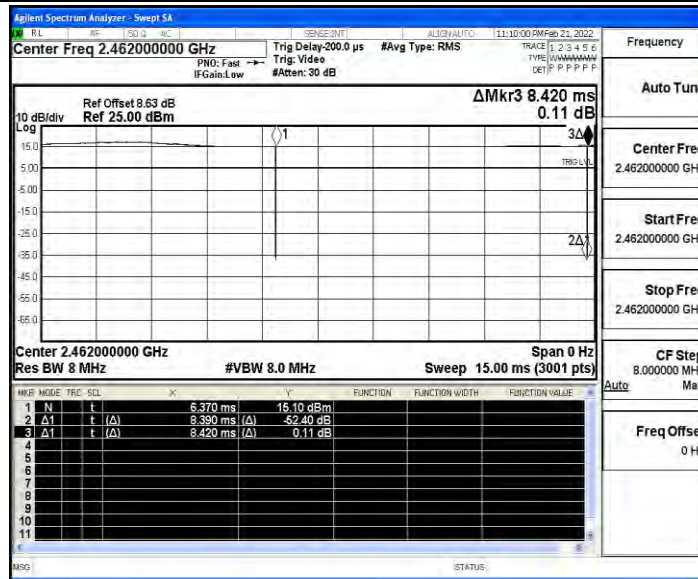
11B_Ant0_2412



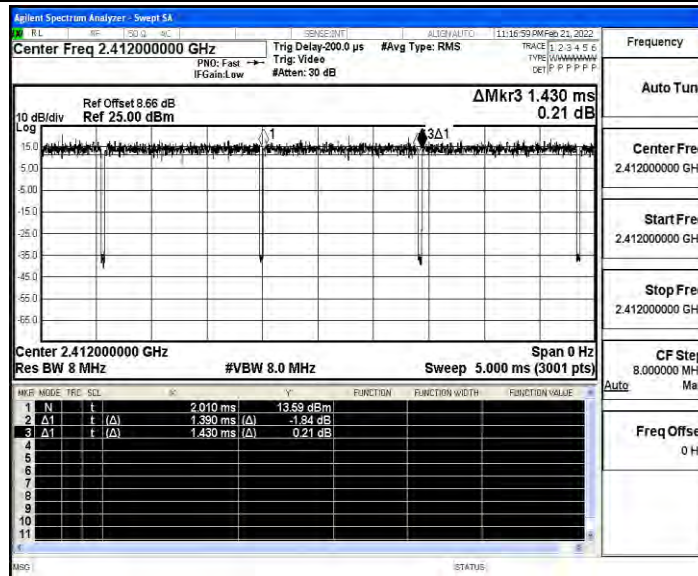
11B_Ant0_2437



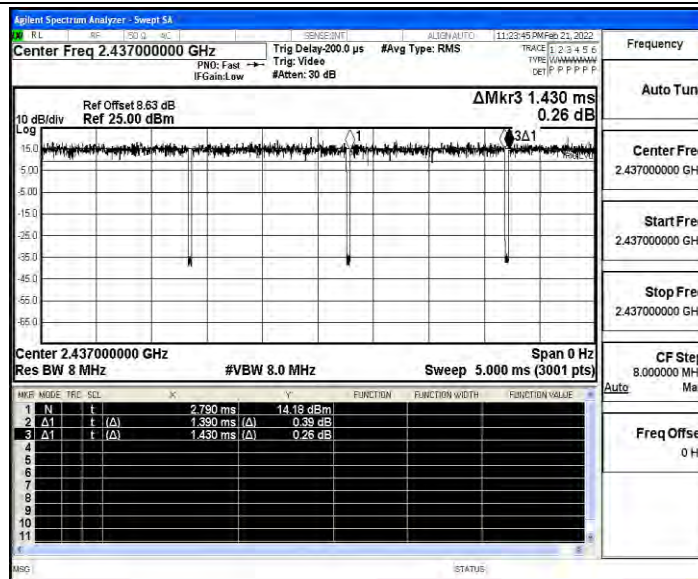
11B_Ant0_2462



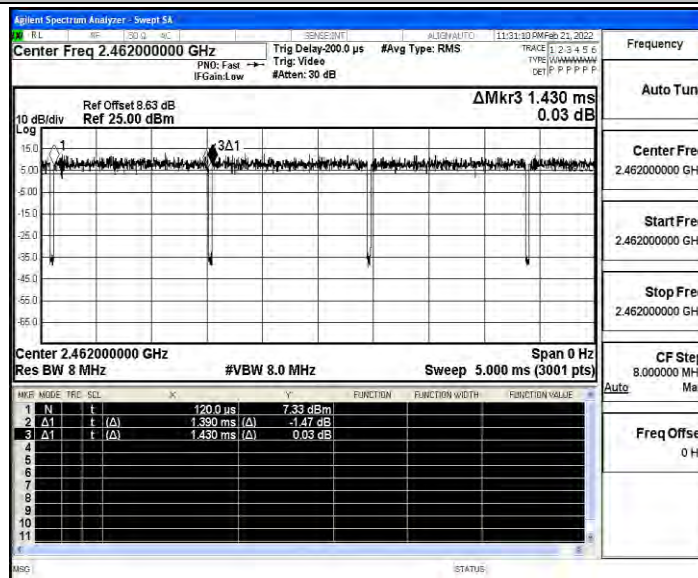
11G_Ant0_2412



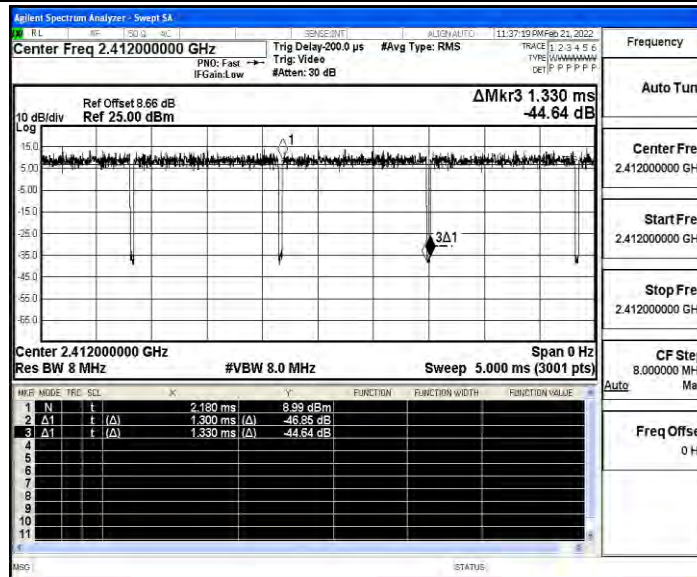
11G_Ant0_2437



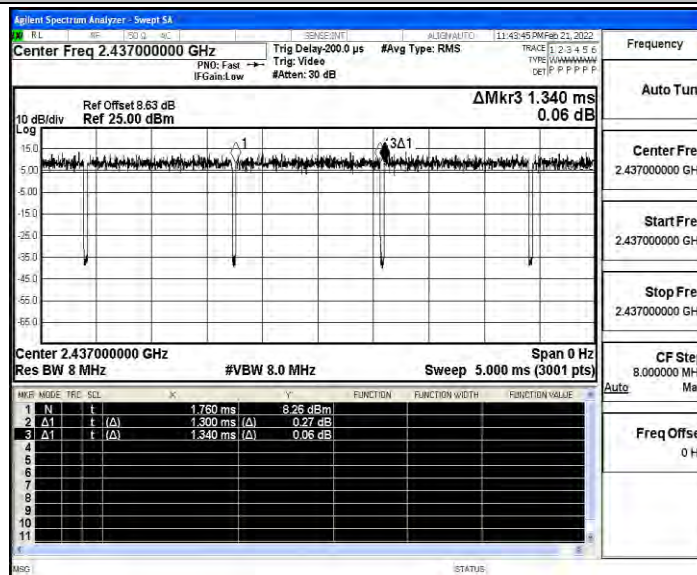
11G_Ant0_2462



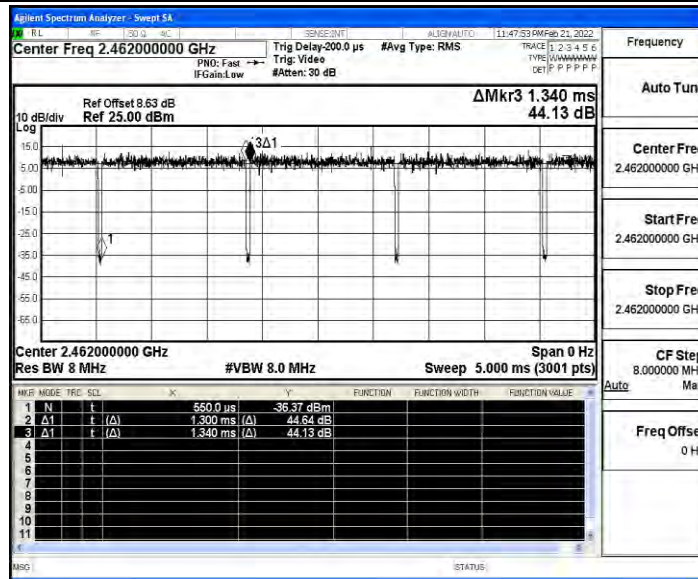
11N20SISO_Ant0_2412



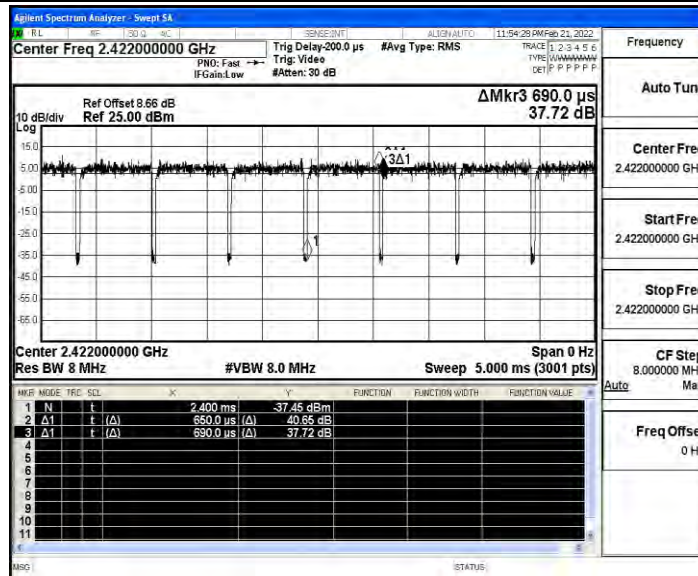
11N20SISO_Ant0_2437



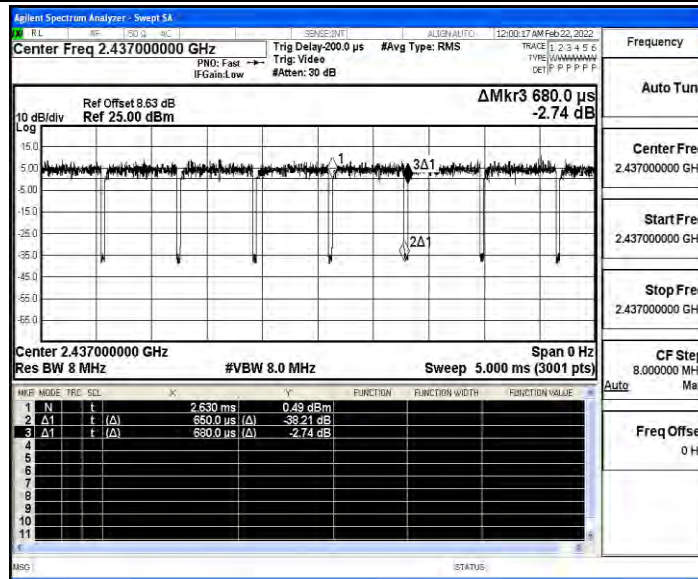
11N20SISO_Ant0_2462



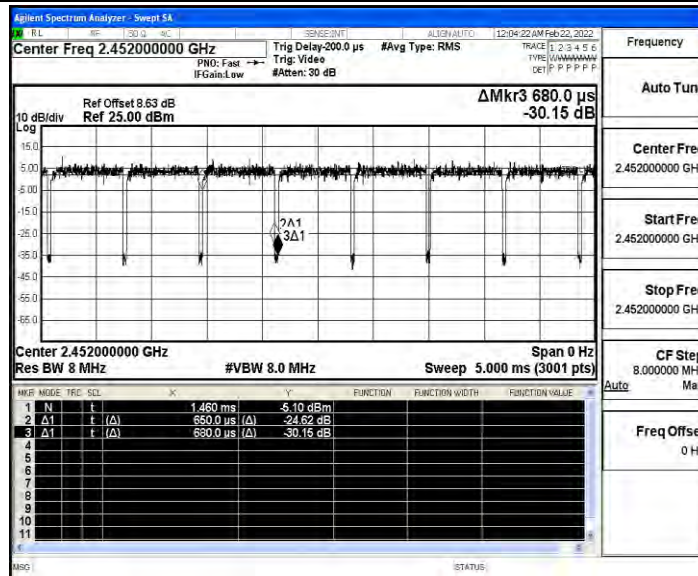
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452





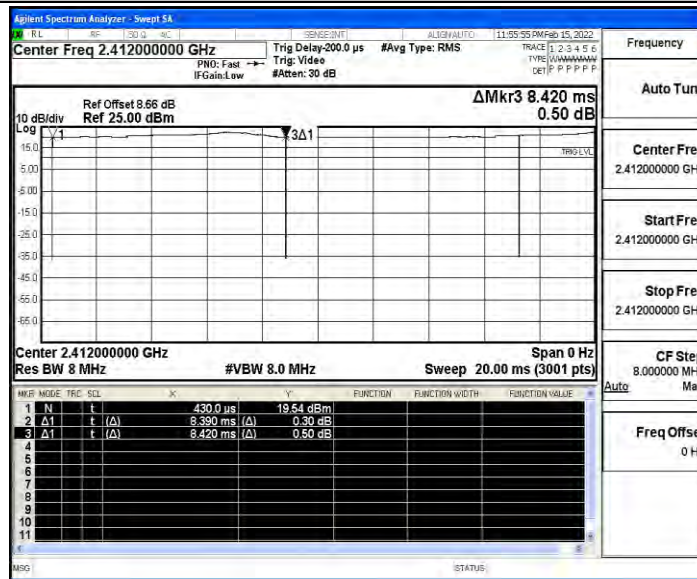
Ant1

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.39	8.42	99.64	---	---
		2437	8.38	8.41	99.64	---	---
		2462	8.38	8.41	99.64	---	---
11G	Ant1	2412	1.40	1.43	97.90	---	---
		2437	1.39	1.43	97.20	---	---
		2462	1.40	1.43	97.90	---	---
11N20SISO	Ant1	2412	1.30	1.33	97.74	---	---
		2437	1.30	1.34	97.01	---	---
		2462	1.30	1.34	97.01	---	---
11N40SISO	Ant1	2422	0.65	0.68	95.59	---	---
		2437	0.65	0.68	95.59	---	---
		2452	0.65	0.69	94.20	---	---

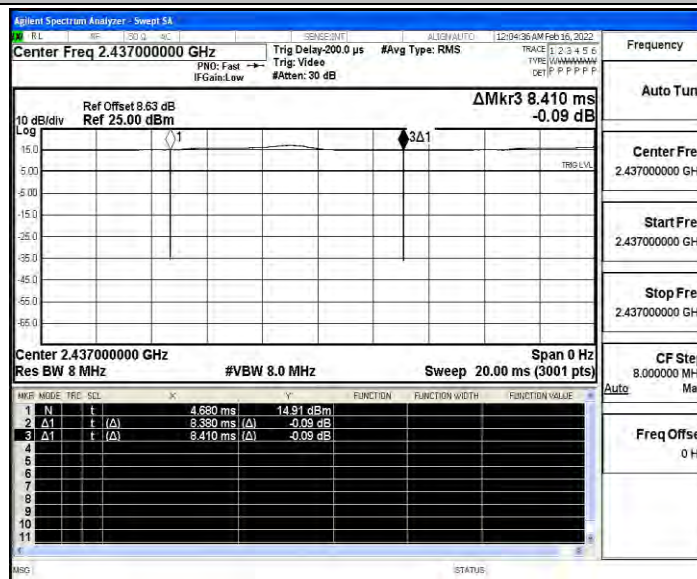


Test Graphs

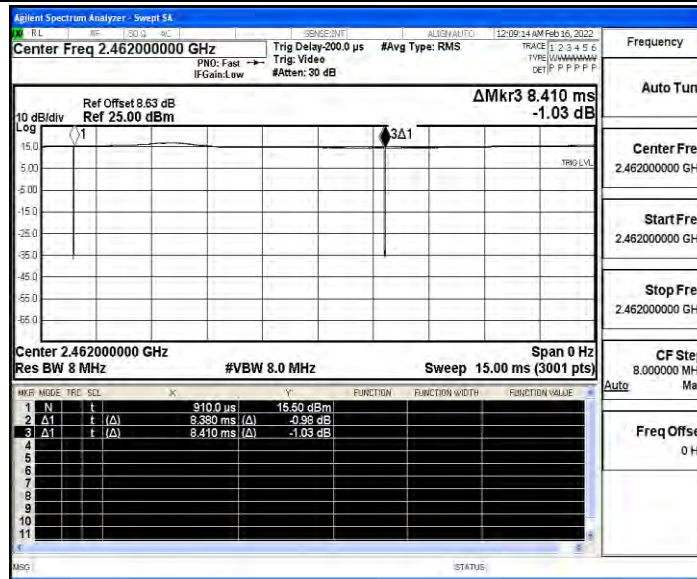
11B_Ant1_2412



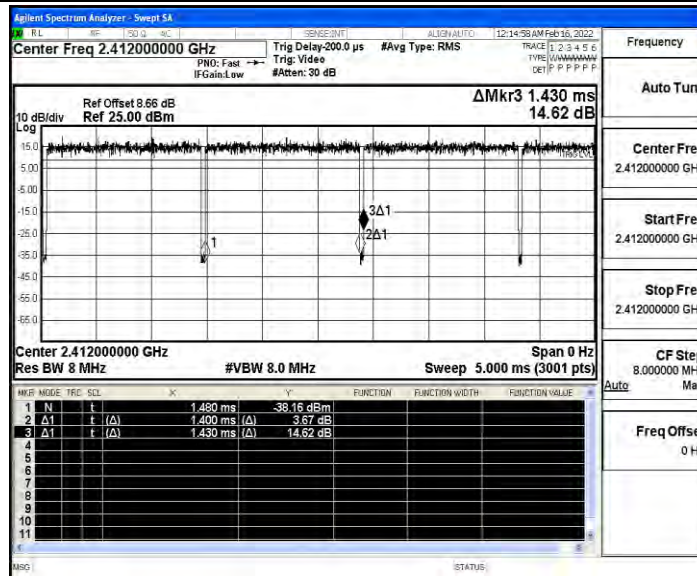
11B_Ant1_2437



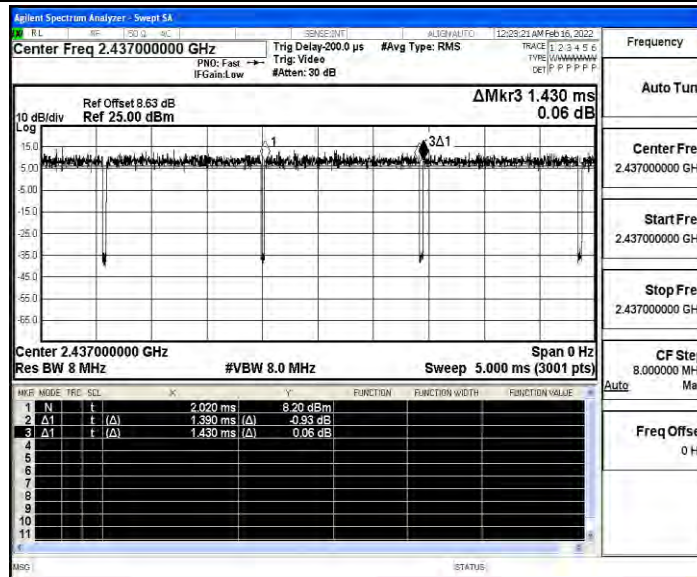
11B_Ant1_2462



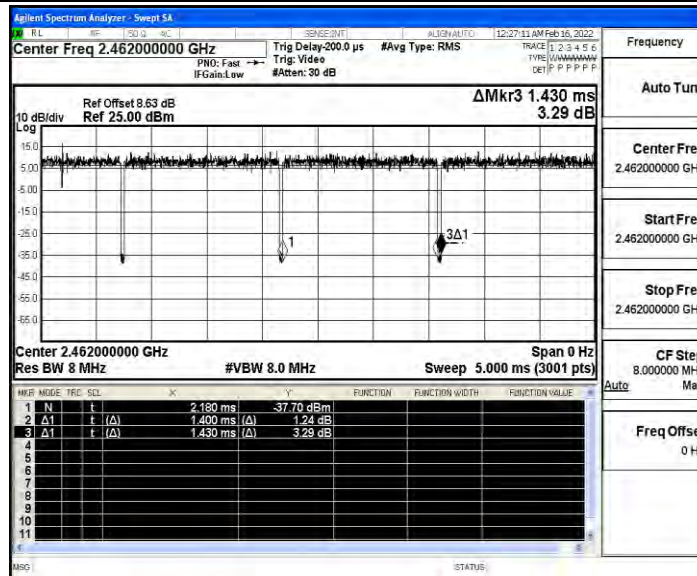
11G_Ant1_2412



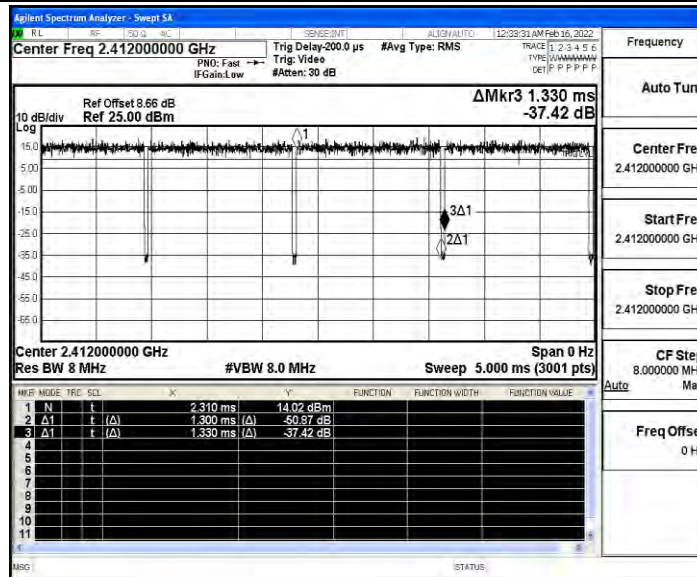
11G_Ant1_2437



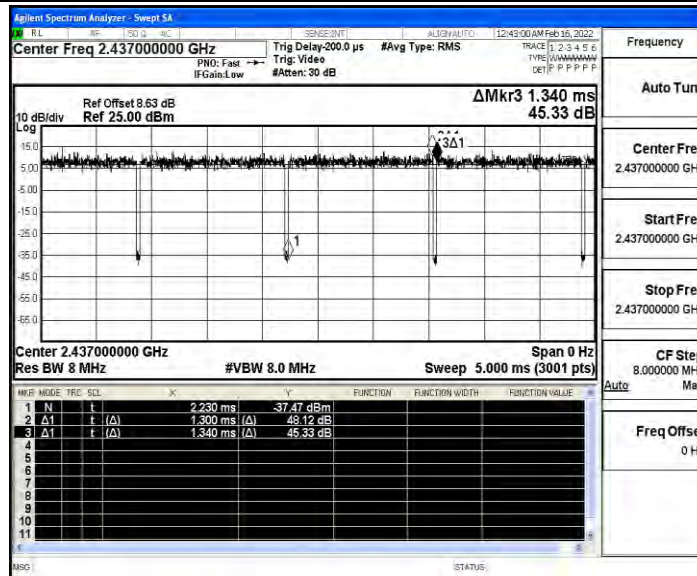
11G_Ant1_2462



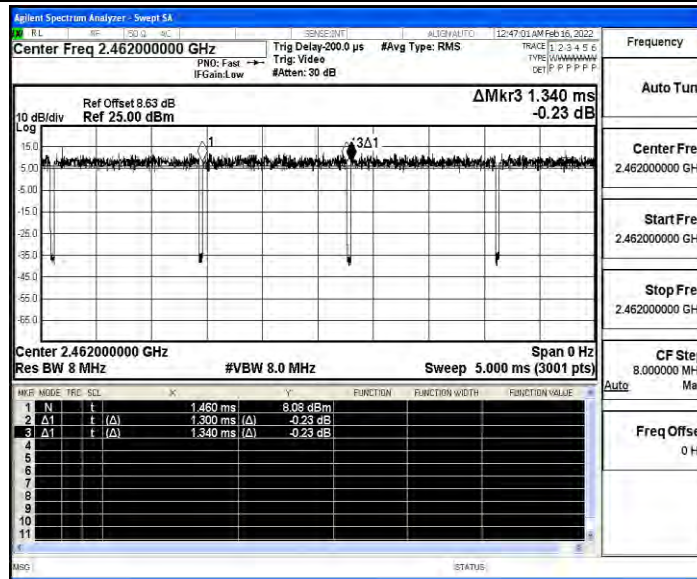
11N20SISO_Ant1_2412



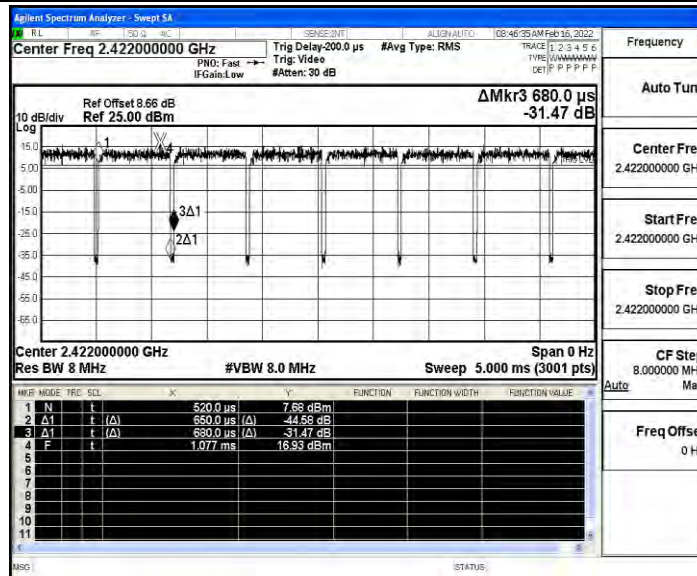
11N20SISO_Ant1_2437



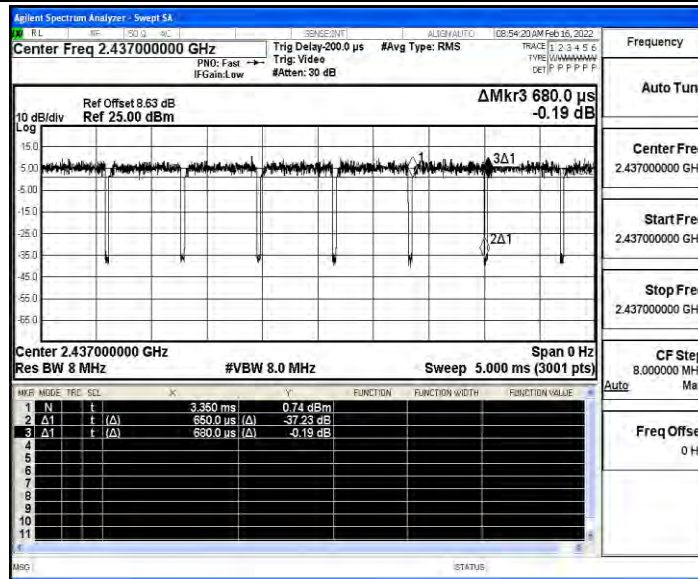
11N20SISO_Ant1_2462



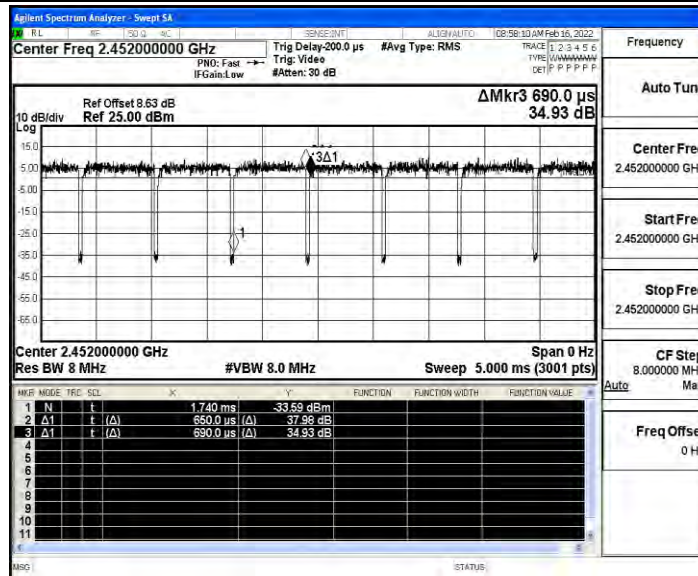
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





A.8 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	2412	AV	2310.000	-48.97	≤-41.20	46.23	≤54	PASS
			AV	2389.960	-46.61	≤-41.20	48.59	≤54	PASS
			AV	2390.000	-46.61	≤-41.20	48.59	≤54	PASS
			Peak	2310.000	-38.48	≤-21.20	56.72	≤74	PASS
			Peak	2388.920	-35.4	≤-21.20	59.80	≤74	PASS
			Peak	2390.000	-35.69	≤-21.20	59.51	≤74	PASS
		2462	AV	2483.500	-47.99	≤-41.20	47.21	≤54	PASS
			AV	2499.950	-47.81	≤-41.20	47.39	≤54	PASS
			AV	2500.000	-47.81	≤-41.20	47.39	≤54	PASS
			Peak	2483.500	-36.93	≤-21.20	58.27	≤74	PASS
			Peak	2498.740	-35.24	≤-21.20	59.96	≤74	PASS
			Peak	2500.000	-36.67	≤-21.20	58.53	≤74	PASS
11G	Ant0	2412	AV	2310.000	-48.54	≤-41.20	46.66	≤54	PASS
			AV	2389.960	-45.06	≤-41.20	50.14	≤54	PASS
			AV	2390.000	-45.07	≤-41.20	50.13	≤54	PASS
			Peak	2310.000	-38.22	≤-21.20	56.98	≤74	PASS
			Peak	2389.960	-30.42	≤-21.20	64.78	≤74	PASS
			Peak	2390.000	-30.42	≤-21.20	64.78	≤74	PASS
		2462	AV	2483.500	-47.39	≤-41.20	47.81	≤54	PASS
			AV	2488.510	-47.06	≤-41.20	48.14	≤54	PASS
			AV	2500.000	-47.39	≤-41.20	47.81	≤54	PASS
			Peak	2483.500	-36.73	≤-21.20	58.47	≤74	PASS
			Peak	2484.110	-35.44	≤-21.20	59.76	≤74	PASS
			Peak	2500.000	-37.33	≤-21.20	57.87	≤74	PASS
11N20 SISO	Ant0	2412	AV	2310.000	-48.51	≤-41.20	46.69	≤54	PASS
			AV	2389.960	-47.61	≤-41.20	47.59	≤54	PASS
			AV	2390.000	-47.61	≤-41.20	47.59	≤54	PASS
			Peak	2310.000	-38.77	≤-21.20	56.43	≤74	PASS
			Peak	2358.370	-35.89	≤-21.20	59.31	≤74	PASS
			Peak	2390.000	-37.23	≤-21.20	57.97	≤74	PASS
		2462	AV	2483.500	-47.19	≤-41.20	48.01	≤54	PASS
			AV	2499.950	-47.09	≤-41.20	48.11	≤54	PASS
			AV	2500.000	-47.09	≤-41.20	48.11	≤54	PASS
			Peak	2483.500	-36.41	≤-21.20	58.79	≤74	PASS
Peak	2483.560	-34.89	≤-21.20	60.31	≤74	PASS			



			Peak	2500.000	-36.79	≤-21.20	58.41	≤74	PASS
11N40 SISO	Ant0	2422	AV	2310.000	-48.16	≤-41.20	47.04	≤54	PASS
			AV	2389.310	-47.13	≤-41.20	48.07	≤54	PASS
			AV	2390.000	-47.53	≤-41.20	47.67	≤54	PASS
			Peak	2310.000	-38.38	≤-21.20	56.82	≤74	PASS
			Peak	2388.920	-31.06	≤-21.20	64.14	≤74	PASS
			Peak	2390.000	-32.55	≤-21.20	62.65	≤74	PASS
		2452	AV	2483.500	-47.54	≤-41.20	47.66	≤54	PASS
			AV	2484.770	-47.27	≤-41.20	47.93	≤54	PASS
			AV	2500.000	-48.06	≤-41.20	47.14	≤54	PASS
			Peak	2483.500	-33.33	≤-21.20	61.87	≤74	PASS
			Peak	2484.880	-31.05	≤-21.20	64.15	≤74	PASS
			Peak	2500.000	-36.55	≤-21.20	58.65	≤74	PASS

Test Mode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	2412	AV	2310.000	-48.88	≤-41.20	46.32	≤54	PASS
			AV	2389.960	-48.18	≤-41.20	47.02	≤54	PASS
			AV	2390.000	-48.18	≤-41.20	47.02	≤54	PASS
			Peak	2310.000	-37.94	≤-21.20	57.26	≤74	PASS
			Peak	2385.150	-36.02	≤-21.20	59.18	≤74	PASS
			Peak	2390.000	-36.75	≤-21.20	58.45	≤74	PASS
		2462	AV	2483.500	-47.82	≤-41.20	47.38	≤54	PASS
			AV	2498.410	-47.75	≤-41.20	47.45	≤54	PASS
			AV	2500.000	-47.88	≤-41.20	47.32	≤54	PASS
			Peak	2483.500	-37.02	≤-21.20	58.18	≤74	PASS
			Peak	2493.240	-35.36	≤-21.20	59.84	≤74	PASS
			Peak	2500.000	-37.3	≤-21.20	57.90	≤74	PASS
11G	Ant1	2412	AV	2310.000	-48.49	≤-41.20	46.71	≤54	PASS
			AV	2389.440	-47.21	≤-41.20	47.99	≤54	PASS
			AV	2390.000	-47.22	≤-41.20	47.98	≤54	PASS
			Peak	2310.000	-37.71	≤-21.20	57.49	≤74	PASS
			Peak	2388.140	-35.87	≤-21.20	59.33	≤74	PASS
			Peak	2390.000	-36.68	≤-21.20	58.52	≤74	PASS
		2462	AV	2483.500	-47.24	≤-41.20	47.96	≤54	PASS
			AV	2486.200	-47.14	≤-41.20	48.06	≤54	PASS
			AV	2500.000	-47.23	≤-41.20	47.97	≤54	PASS
			Peak	2483.500	-36.21	≤-21.20	58.99	≤74	PASS
			Peak	2499.070	-35.57	≤-21.20	59.63	≤74	PASS
			Peak	2500.000	-36.82	≤-21.20	58.38	≤74	PASS



11N20 SISO	Ant1	2412	AV	2310.000	-48.38	≤-41.20	46.82	≤54	PASS
			AV	2389.700	-47.01	≤-41.20	48.19	≤54	PASS
			AV	2390.000	-47.02	≤-41.20	48.18	≤54	PASS
			Peak	2310.000	-38.57	≤-21.20	56.63	≤74	PASS
			Peak	2389.960	-34.68	≤-21.20	60.52	≤74	PASS
			Peak	2390.000	-34.68	≤-21.20	60.52	≤74	PASS
		2462	AV	2483.500	-46.93	≤-41.20	48.27	≤54	PASS
			AV	2484.220	-46.94	≤-41.20	48.26	≤54	PASS
			AV	2500.000	-47.36	≤-41.20	47.84	≤54	PASS
			Peak	2483.500	-36.14	≤-21.20	59.06	≤74	PASS
			Peak	2483.670	-34.64	≤-21.20	60.56	≤74	PASS
			Peak	2500.000	-37.18	≤-21.20	58.02	≤74	PASS
11N40 SISO	Ant1	2422	AV	2310.000	-48.48	≤-41.20	46.72	≤54	PASS
			AV	2388.140	-46.23	≤-41.20	48.97	≤54	PASS
			AV	2390.000	-46.71	≤-41.20	48.49	≤54	PASS
			Peak	2310.000	-38.83	≤-21.20	56.37	≤74	PASS
			Peak	2388.920	-31.68	≤-21.20	63.52	≤74	PASS
			Peak	2390.000	-32.43	≤-21.20	62.77	≤74	PASS
		2452	AV	2483.500	-46.02	≤-41.20	49.18	≤54	PASS
			AV	2483.780	-46.17	≤-41.20	49.03	≤54	PASS
			AV	2500.000	-46.9	≤-41.20	48.30	≤54	PASS
			Peak	2483.500	-27.01	≤-21.20	68.19	≤74	PASS
			Peak	2483.560	-27.51	≤-21.20	67.69	≤74	PASS
			Peak	2500.000	-36.83	≤-21.20	58.37	≤74	PASS



Combined Ant_0 and Ant_1

Test Mode	Detector	Freq. [MHz]	Emissions Level (dBm)			Gain (dBi)	Ground Factor	Result [dBuV/m]	Limit [dBuV/m]	Verdict
			Ant0	Ant1	Sum					
11N20 MIMO	AV	2310.000	-48.51	-48.38	-45.43	2	0	51.80	≤54	PASS
	AV	2389.960	-47.61	-47.01	-44.29	2	0	52.94	≤54	PASS
	AV	2390.000	-47.61	-47.02	-44.29	2	0	52.94	≤54	PASS
	Peak	2310.000	-38.77	-38.57	-35.66	2	0	61.57	≤74	PASS
	Peak	2358.370	-35.89	-34.68	-32.23	2	0	65.00	≤74	PASS
	Peak	2390.000	-37.23	-34.68	-32.76	2	0	64.47	≤74	PASS
	AV	2483.500	-47.19	-46.93	-44.05	2	0	53.18	≤54	PASS
	AV	2499.950	-47.09	-46.94	-44.00	2	0	53.23	≤54	PASS
	AV	2500.000	-47.09	-47.36	-44.21	2	0	53.02	≤54	PASS
	Peak	2483.500	-36.41	-36.14	-33.26	2	0	63.97	≤74	PASS
	Peak	2483.560	-34.89	-34.64	-31.75	2	0	65.48	≤74	PASS
	Peak	2500.000	-36.79	-37.18	-33.97	2	0	63.26	≤74	PASS
11N40 MIMO	AV	2310.000	-48.16	-48.48	-45.31	2	0	51.92	≤54	PASS
	AV	2389.310	-47.13	-46.23	-43.65	2	0	53.58	≤54	PASS
	AV	2390.000	-47.53	-46.71	-44.09	2	0	53.14	≤54	PASS
	Peak	2310.000	-38.38	-38.83	-35.59	2	0	61.64	≤74	PASS
	Peak	2388.920	-31.06	-31.68	-28.35	2	0	68.88	≤74	PASS
	Peak	2390.000	-32.55	-32.43	-29.48	2	0	67.75	≤74	PASS
	AV	2483.500	-47.54	-46.02	-43.70	2	0	53.53	≤54	PASS
	AV	2484.770	-47.27	-46.17	-43.67	2	0	53.56	≤54	PASS
	AV	2500.000	-48.06	-46.9	-44.43	2	0	52.80	≤54	PASS
	Peak	2483.500	-33.33	-27.01	-26.10	2	0	71.13	≤74	PASS
	Peak	2484.880	-31.05	-27.51	-25.92	2	0	71.31	≤74	PASS
	Peak	2500.000	-36.55	-36.83	-33.68	2	0	63.55	≤74	PASS

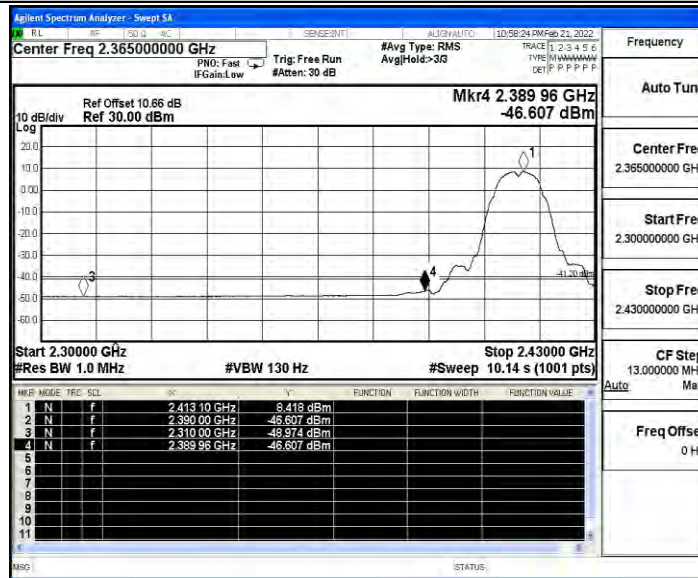
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

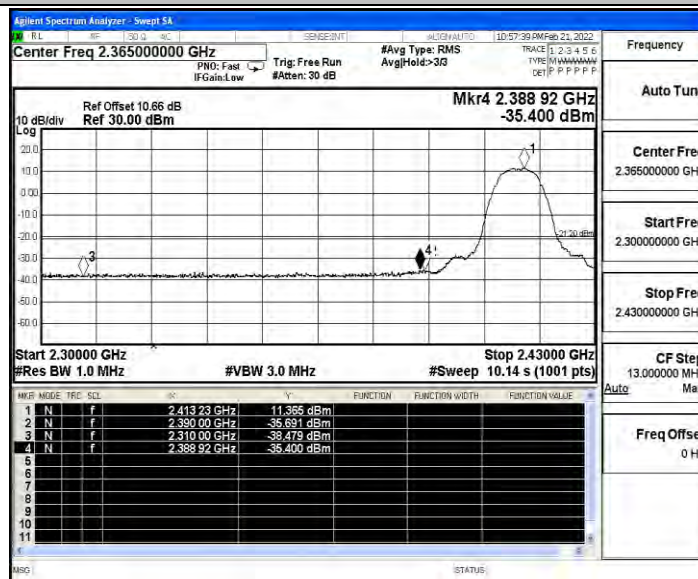


Ant0_
Test Graphs

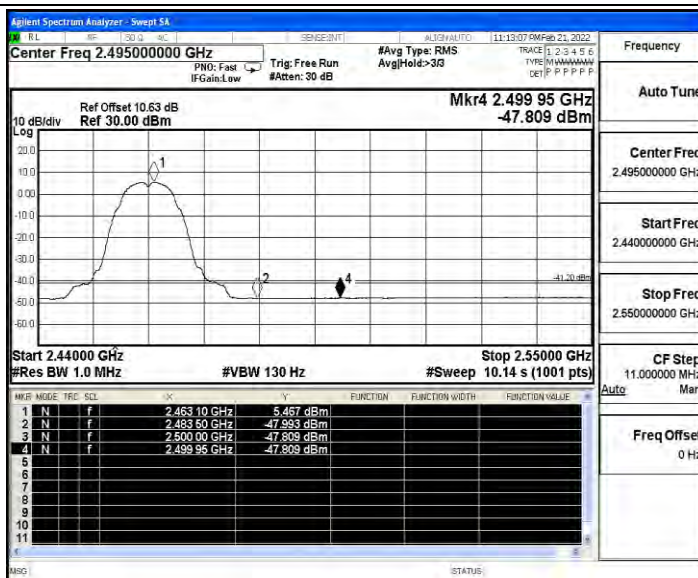
11B_Ant0_Low_2412_AV



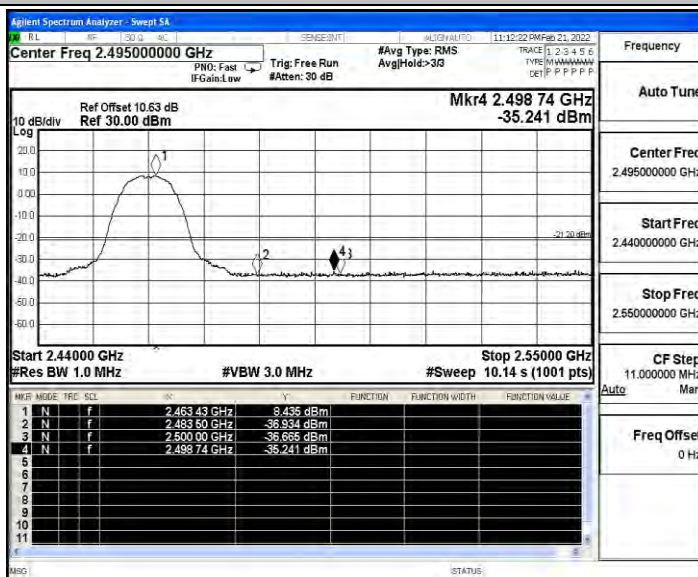
11B_Ant0_Low_2412_Peak



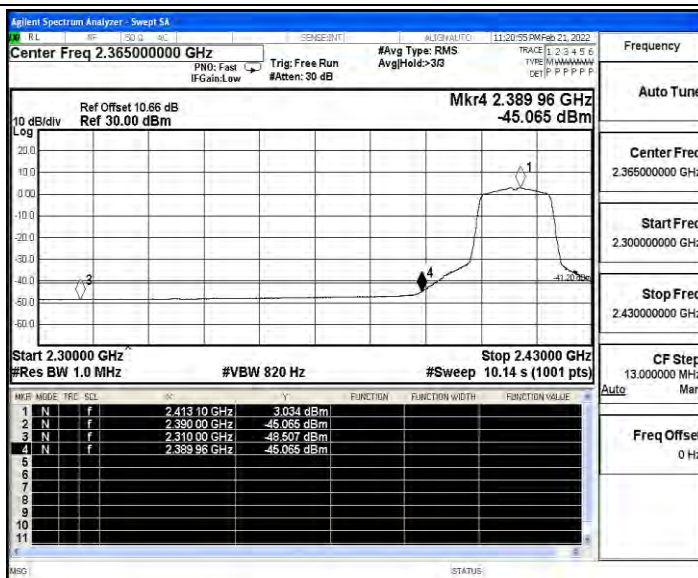
11B_Ant0_High_2462_AV



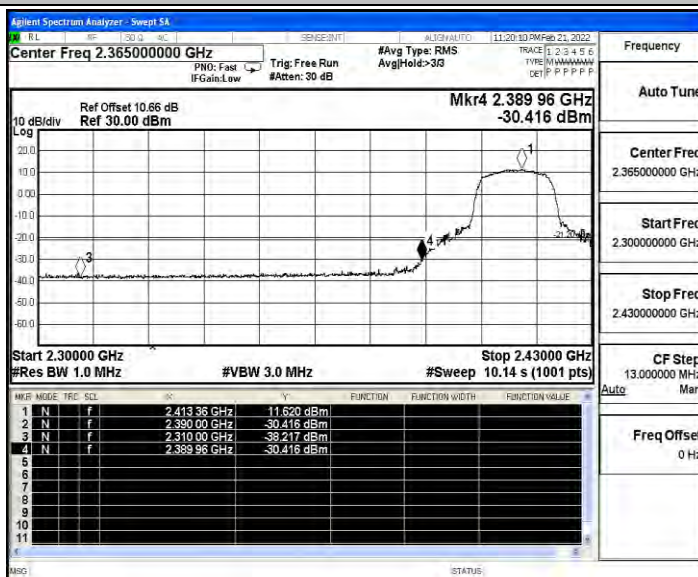
11B_Ant0_High_2462_Peak



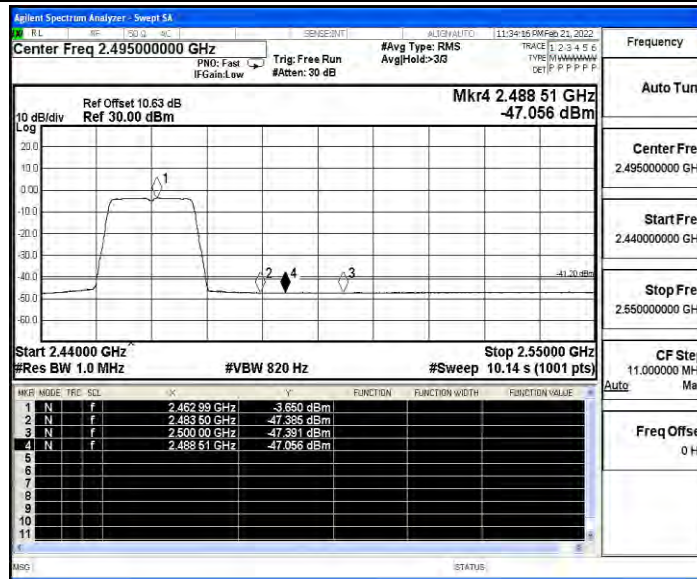
11G_Ant0_Low_2412_AV



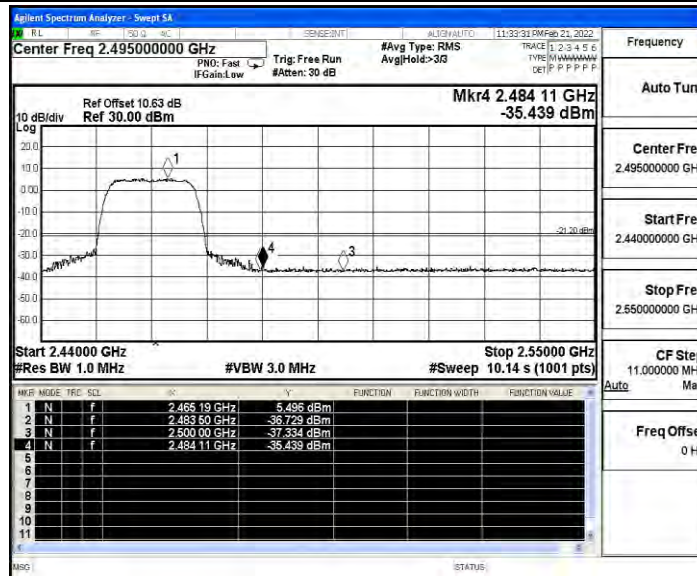
11G_Ant0_Low_2412_Peak



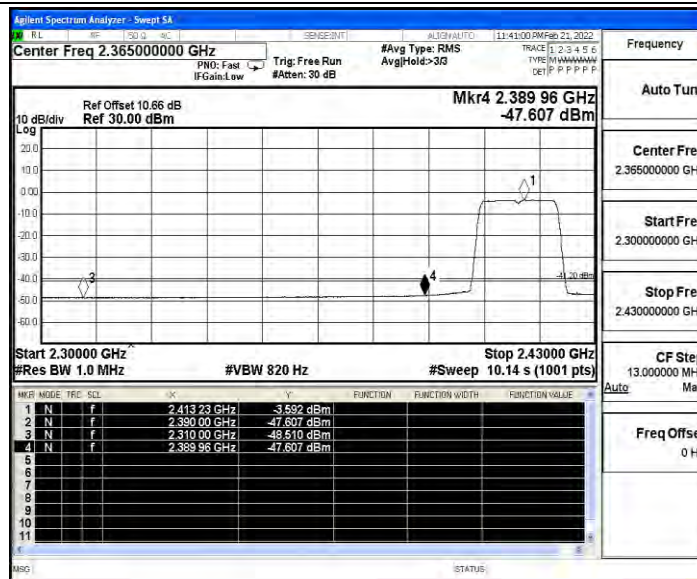
11G_Ant0_High_2462_AV



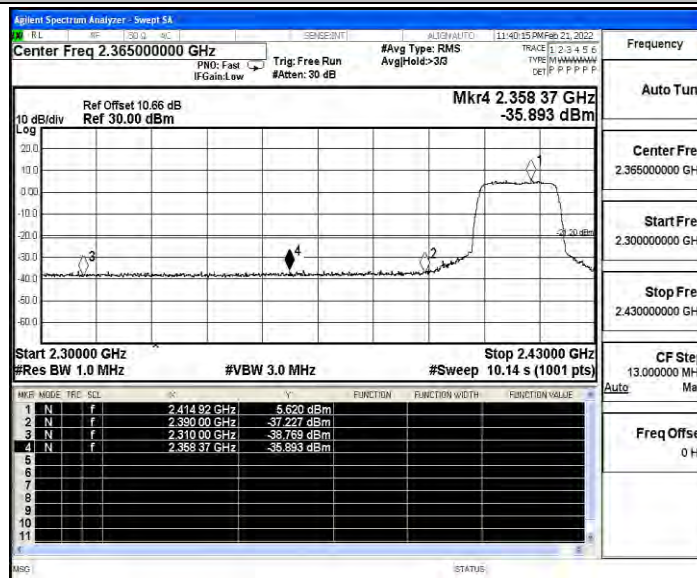
11G_Ant0_High_2462_Peak



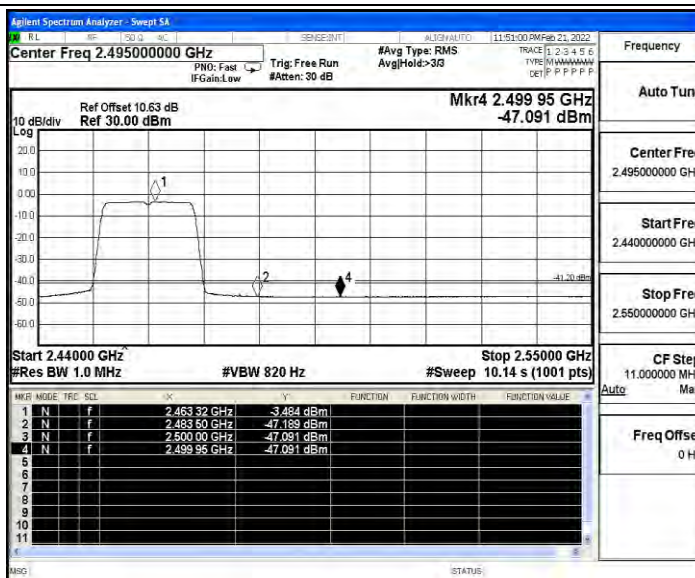
11N20SISO_Ant0_Low_2412_AV



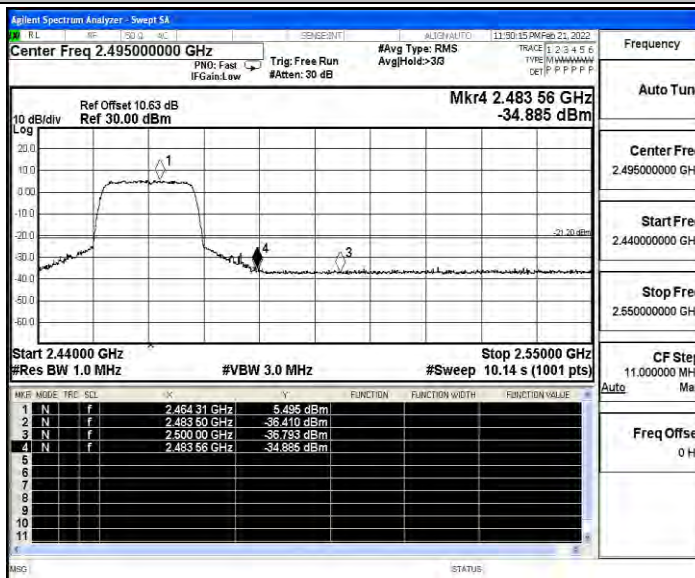
11N20SISO_Ant0_Low_2412_Peak



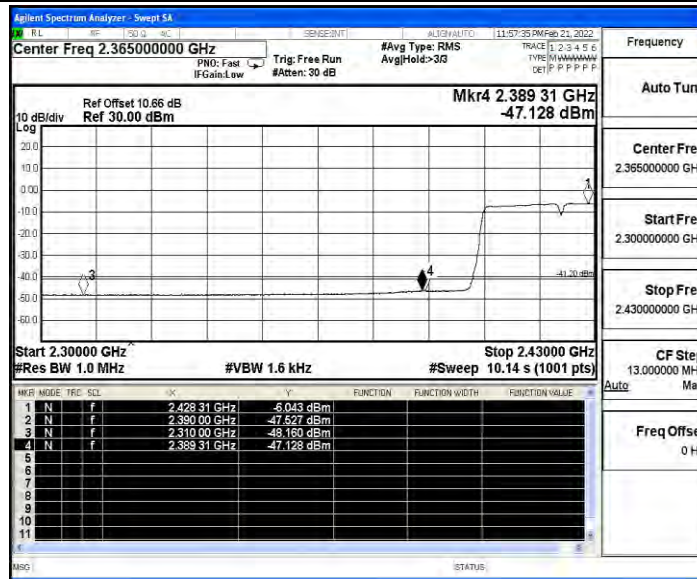
11N20SISO_Ant0_High_2462_AV



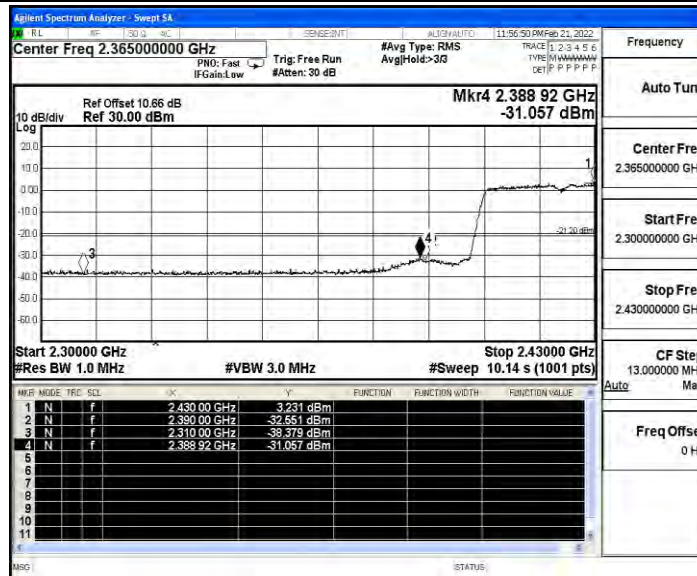
11N20SISO_Ant0_High_2462_Peak



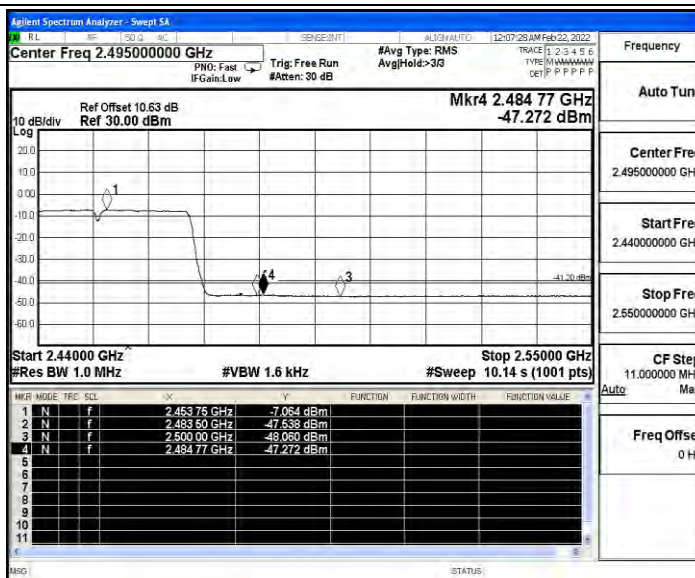
11N40SISO_Ant0_Low_2422_AV



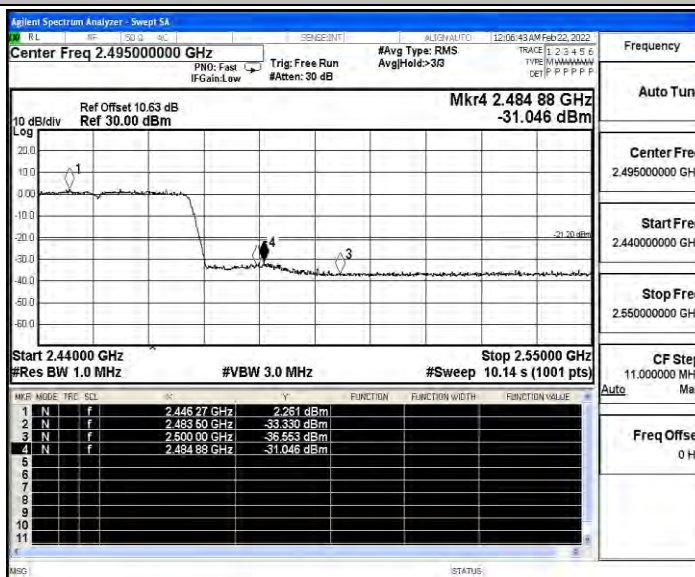
11N40SISO_Ant0_Low_2422_Peak



11N40SISO_Ant0_High_2452_AV



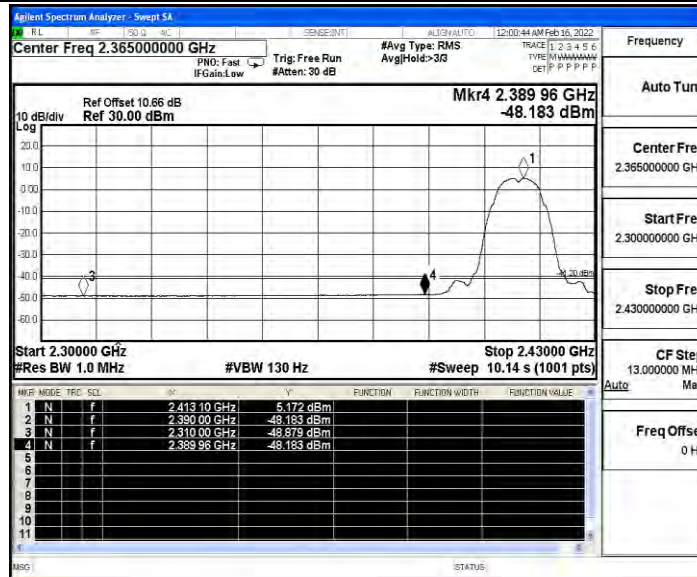
11N40SISO_Ant0_High_2452_Peak



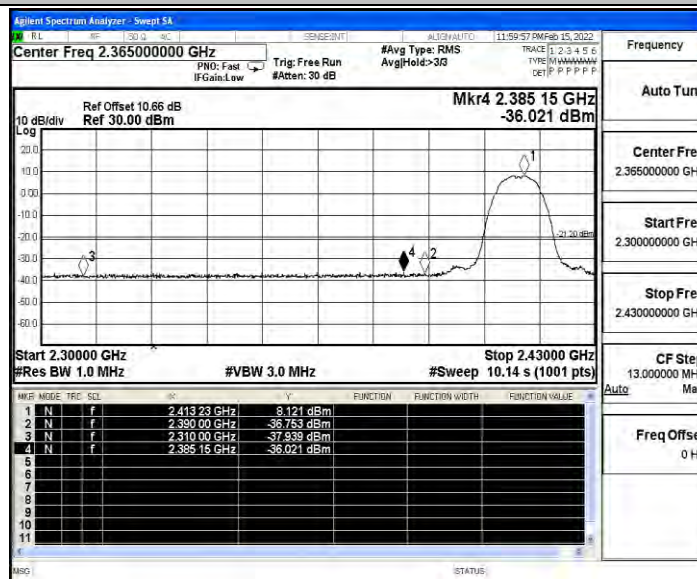


Ant1

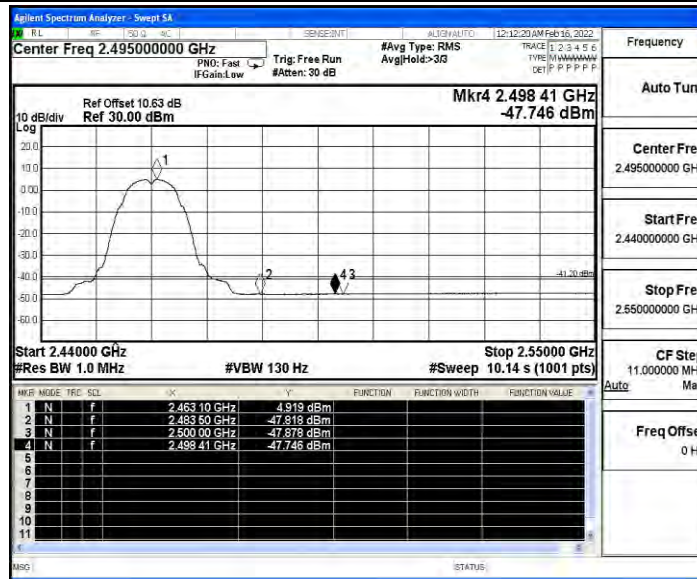
11B_Ant1_Low_2412_AV



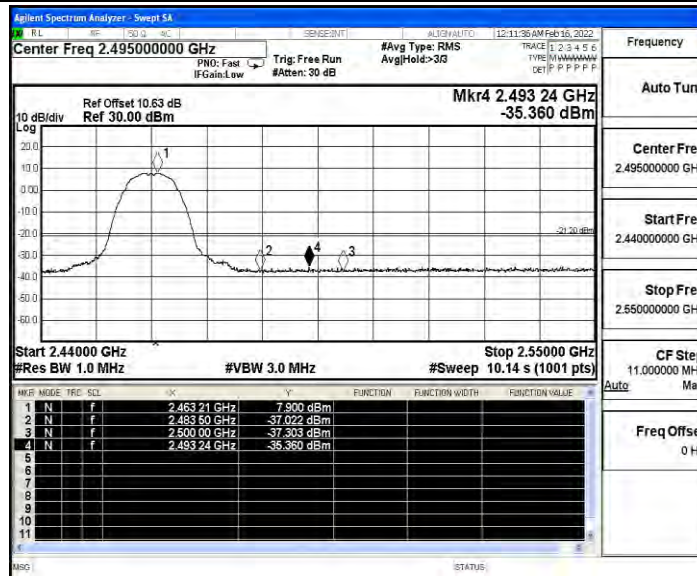
11B_Ant1_Low_2412_Peak



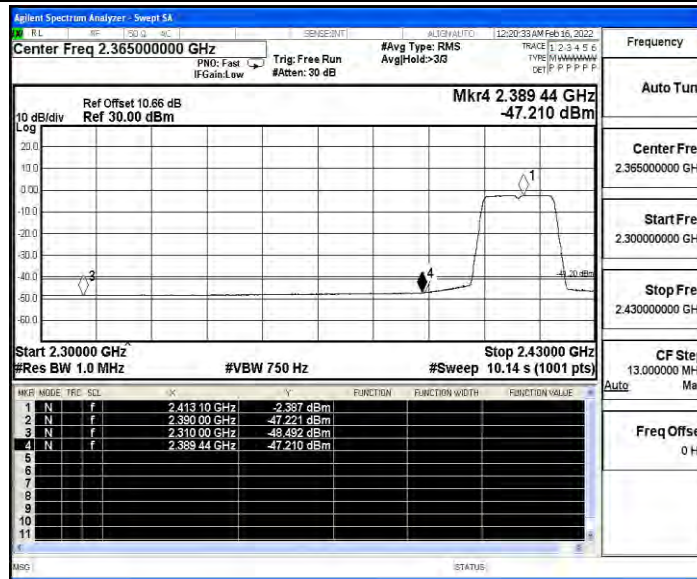
11B_Ant1_High_2462_AV



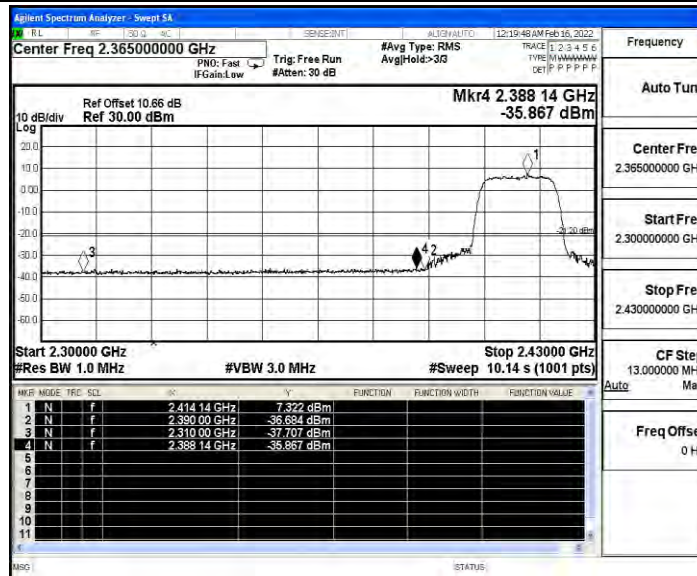
11B_Ant1_High_2462_Peak



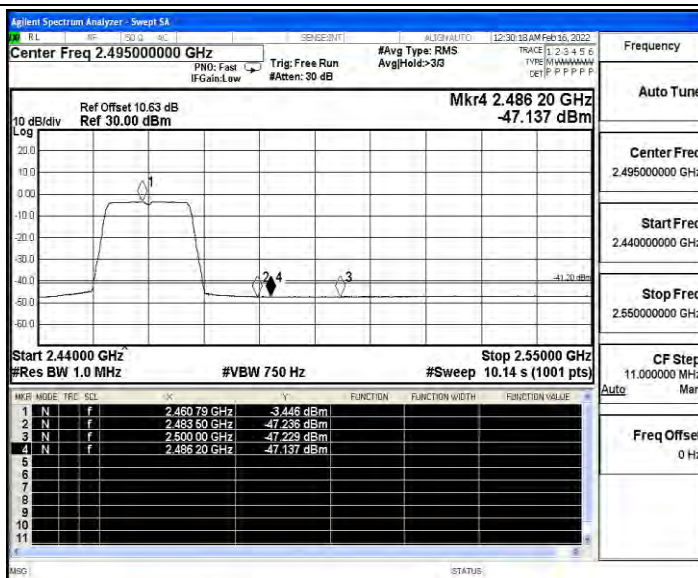
11G_Ant1_Low_2412_AV



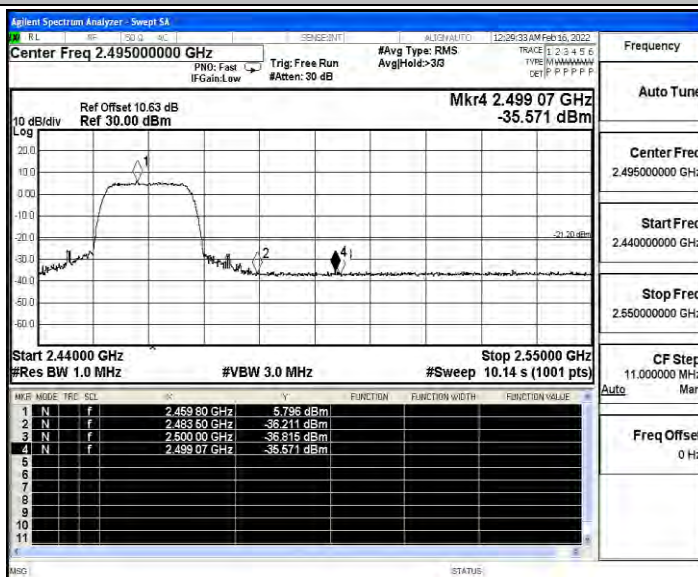
11G_Ant1_Low_2412_Peak



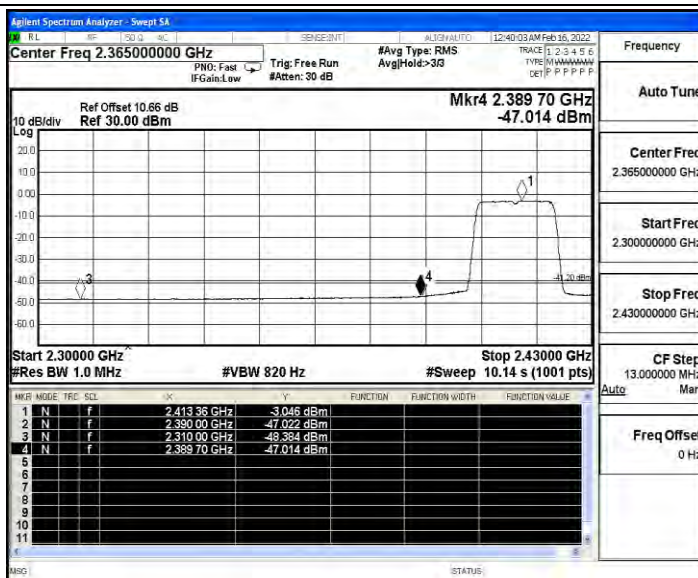
11G_Ant1_High_2462_AV



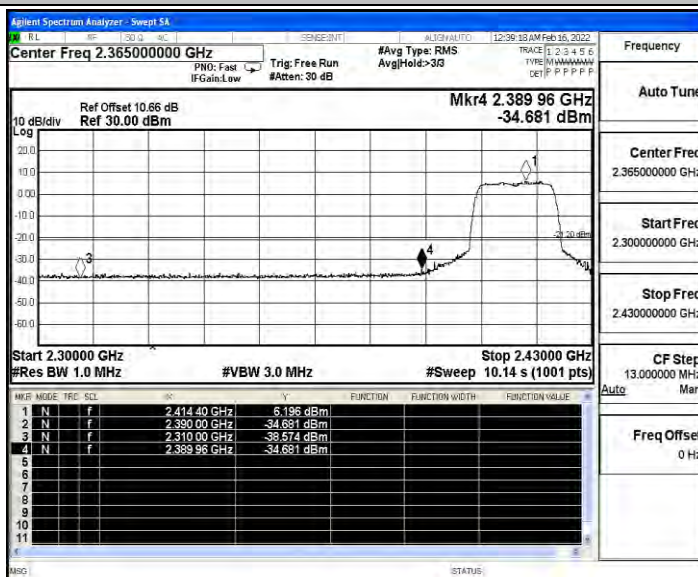
11G_Ant1_High_2462_Peak



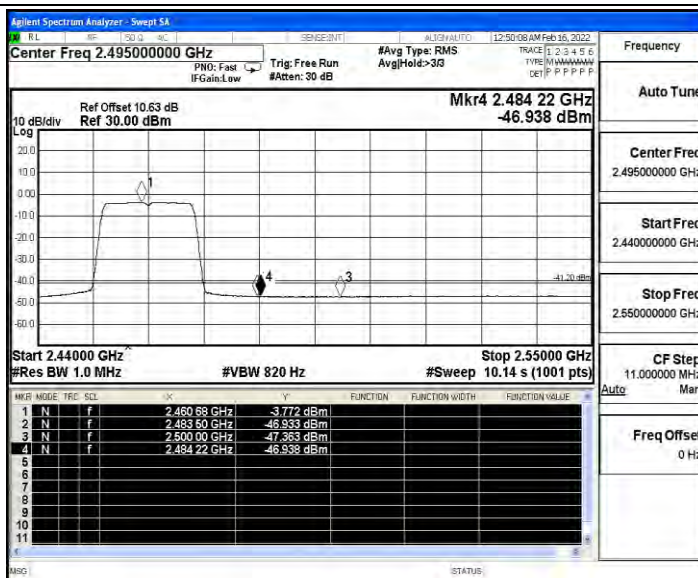
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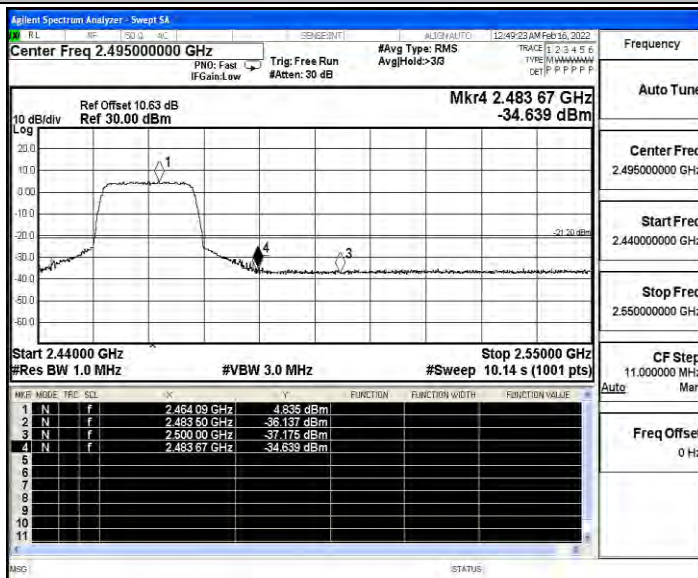
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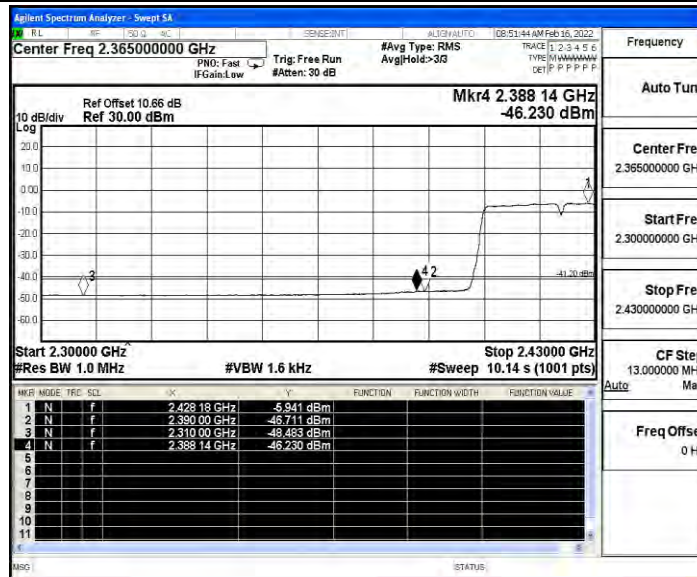
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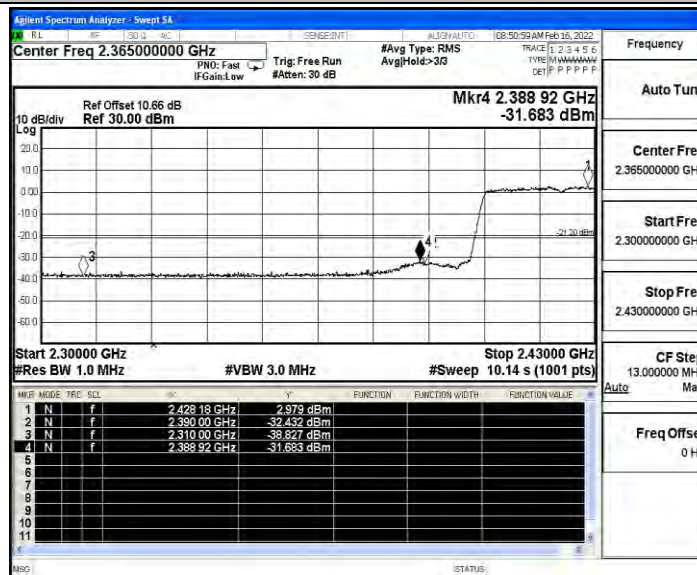
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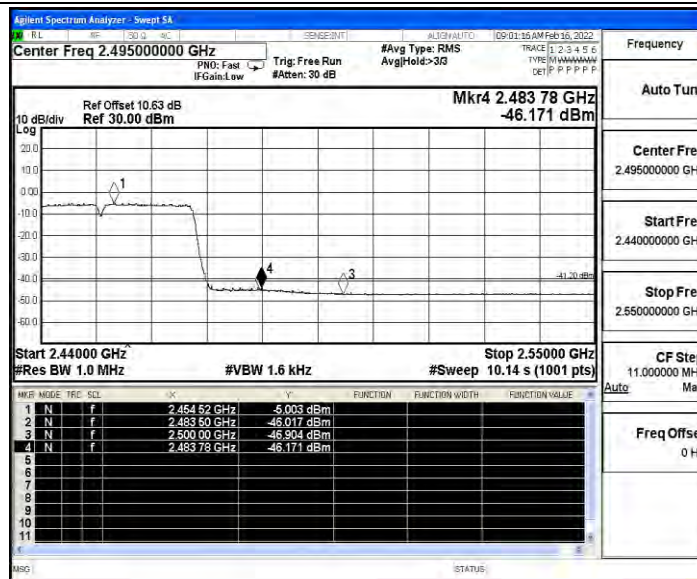
11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak

