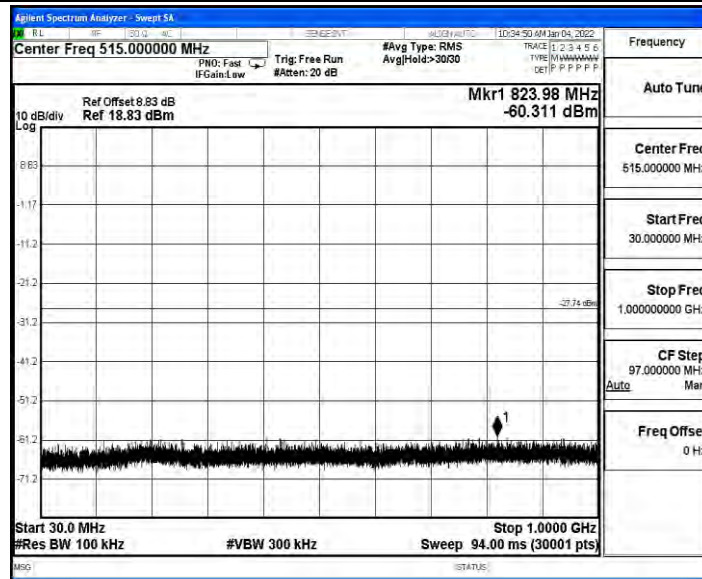
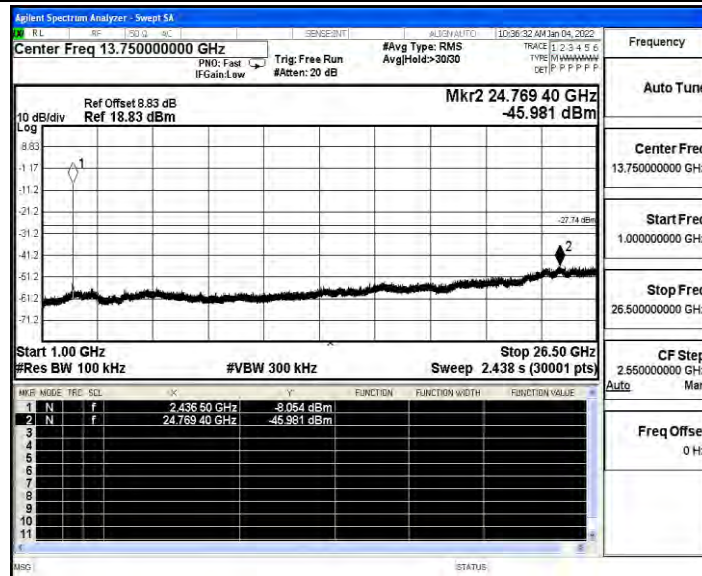
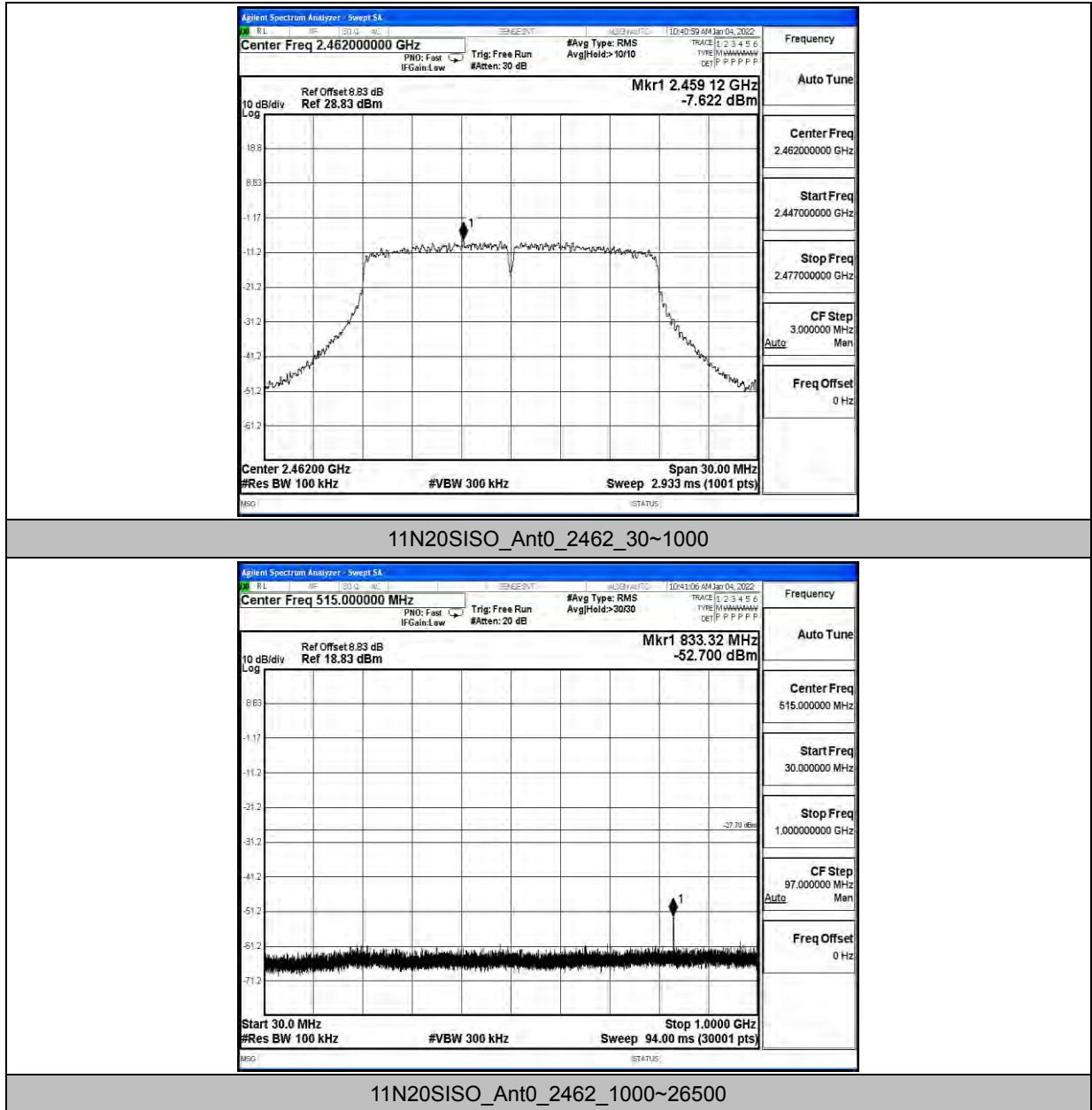


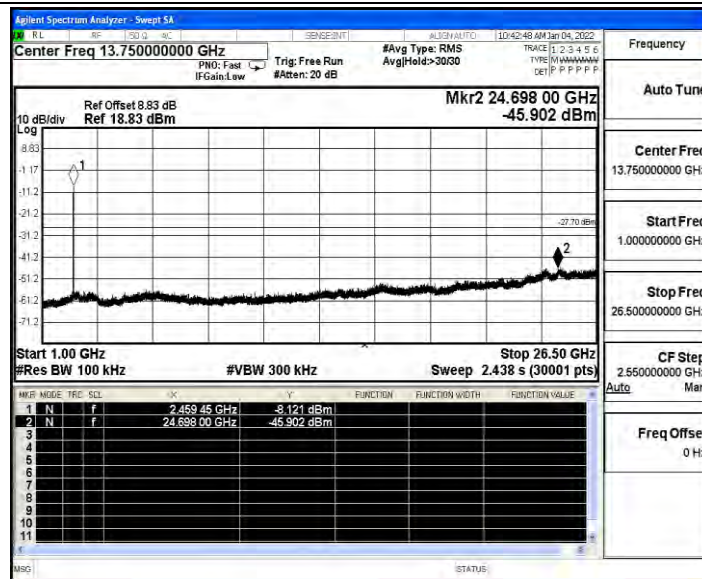


11N20SISO_Ant0_2437_1000~26500

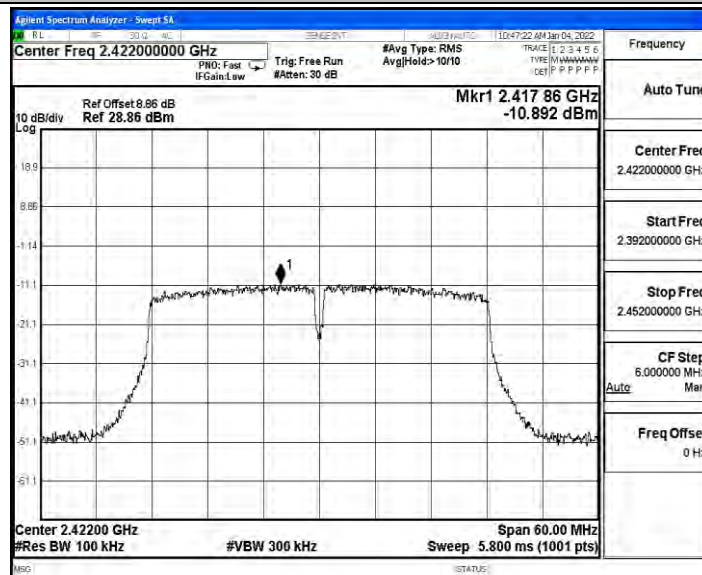


11N20SISO_Ant0_2462_0~Reference

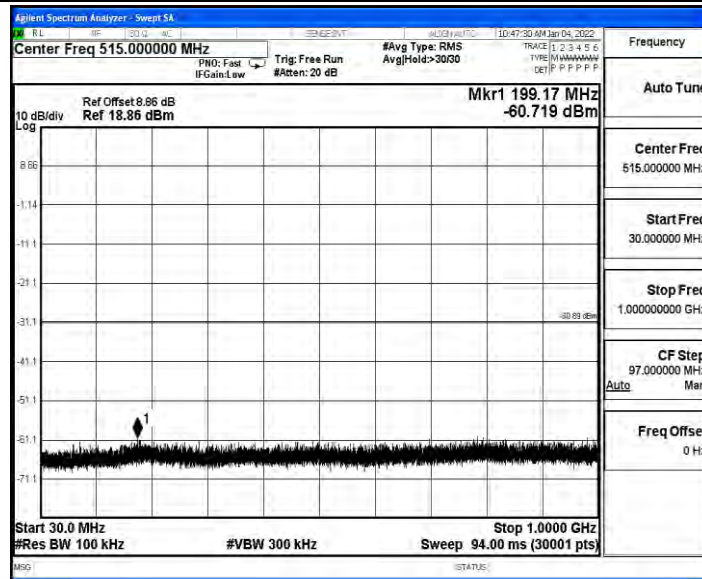




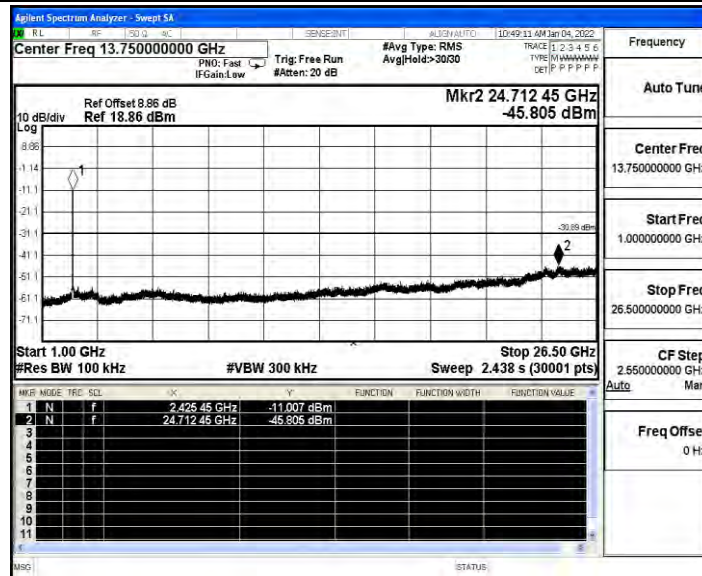
11N40SISO_Ant0_2422_0~Reference



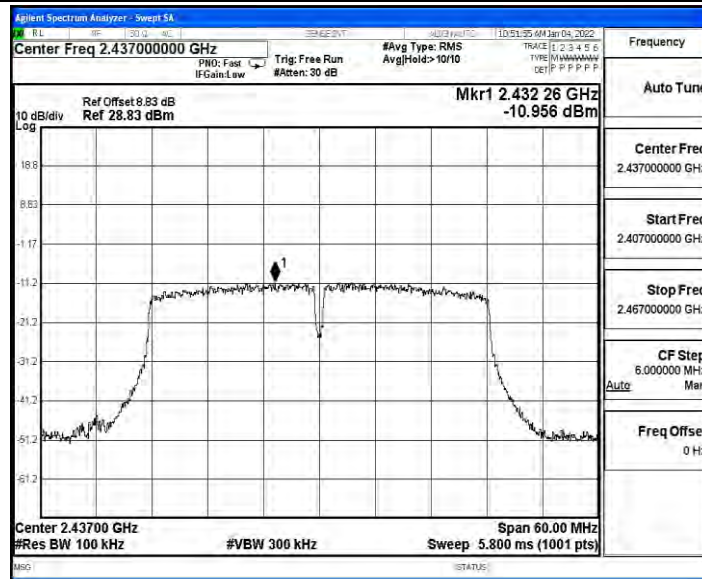
11N40SISO_Ant0_2422_30~1000



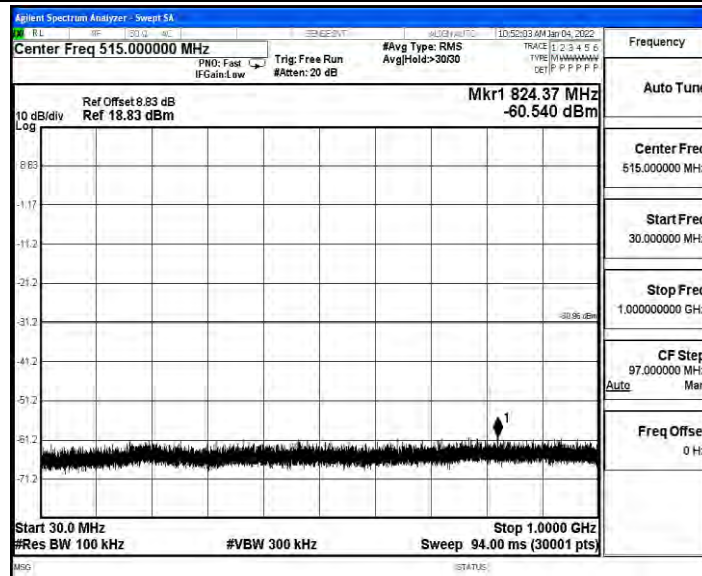
11N40SISO_Ant0_2422_1000~26500



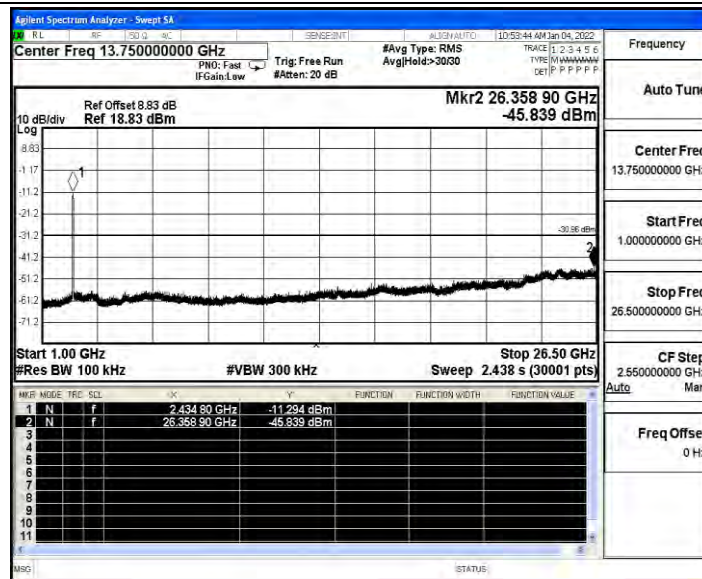
11N40SISO_Ant0_2437_0~Reference



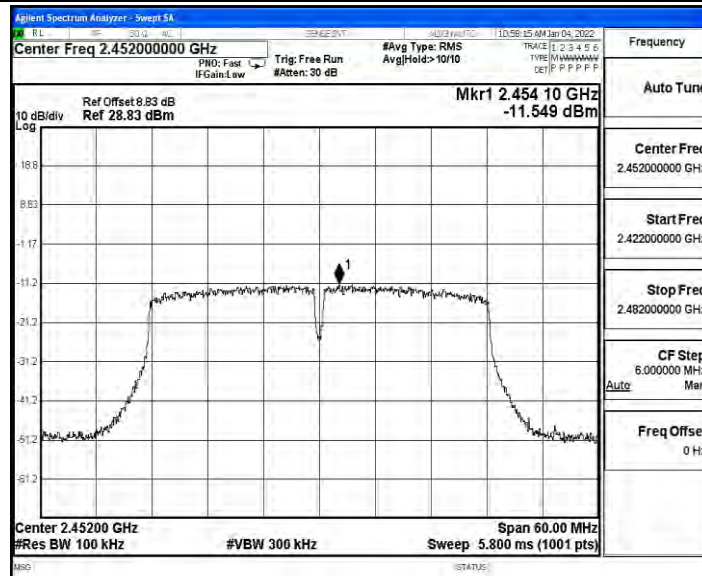
11N40SISO_Ant0_2437_30~1000



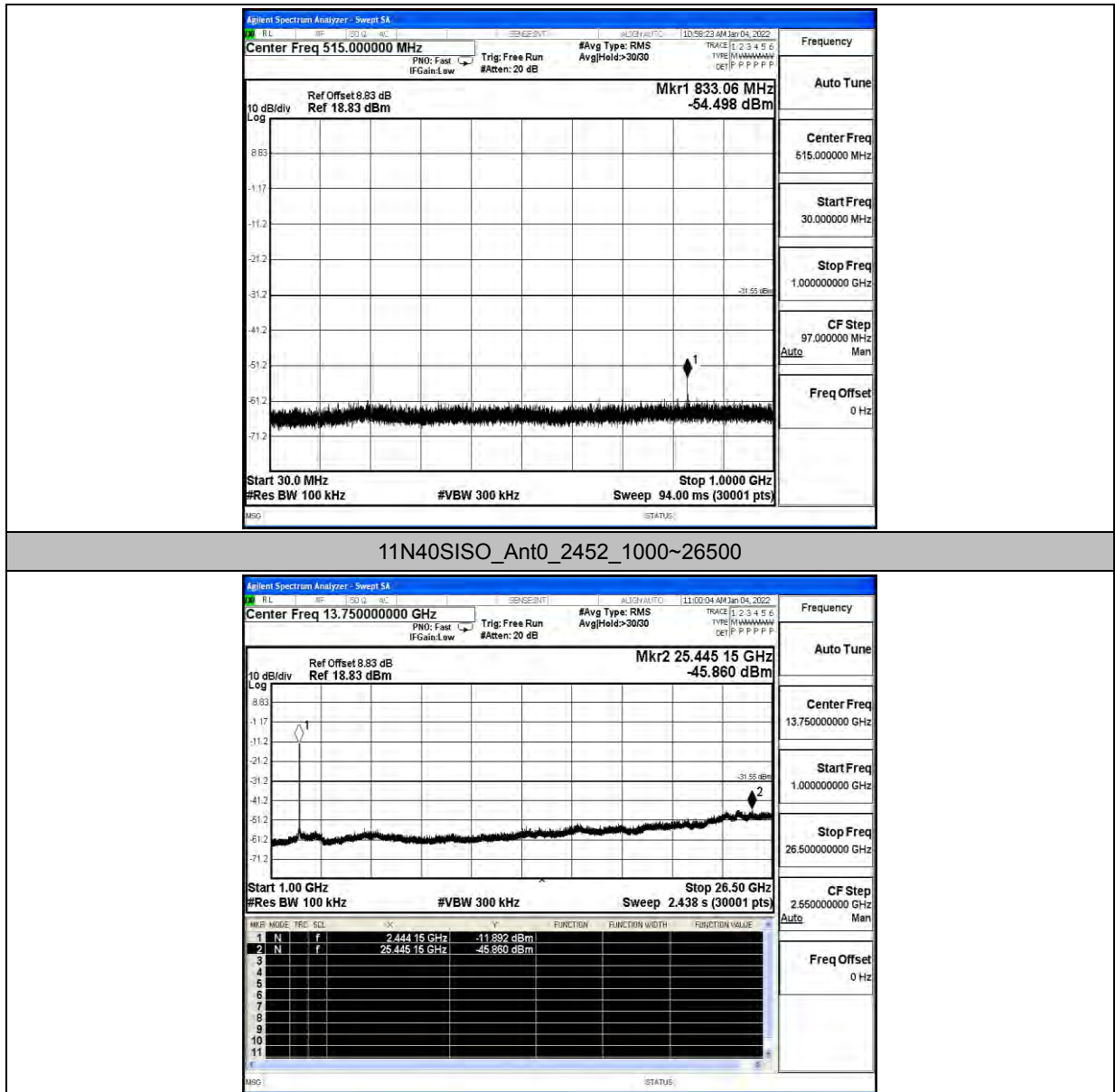
11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



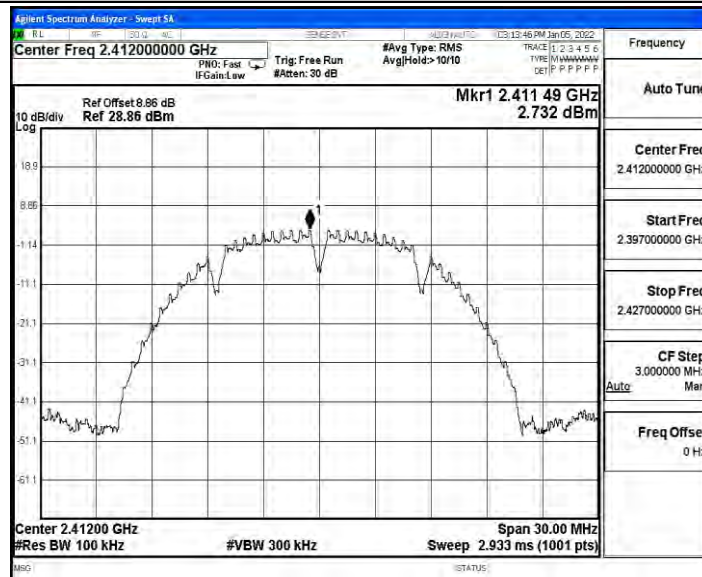


TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-59.95	≤-17.27	PASS
			1000~26500	2.73	-45.27	≤-17.27	PASS
		2437	Reference	2.67	2.67	---	PASS
			30~1000	2.67	-60.19	≤-17.33	PASS
			1000~26500	2.67	-45.58	≤-17.33	PASS
		2462	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-60.15	≤-17.52	PASS
			1000~26500	2.48	-45.56	≤-17.52	PASS
11G	Ant1	2412	Reference	-6.84	-6.84	---	PASS
			30~1000	-6.84	-60.35	≤-26.84	PASS
			1000~26500	-6.84	-45.59	≤-26.84	PASS
		2437	Reference	-7.11	-7.11	---	PASS
			30~1000	-7.11	-60.26	≤-27.11	PASS
			1000~26500	-7.11	-46.27	≤-27.11	PASS
		2462	Reference	-7.24	-7.24	---	PASS
			30~1000	-7.24	-60.21	≤-27.24	PASS
			1000~26500	-7.24	-45.37	≤-27.24	PASS
11N20SISO	Ant1	2412	Reference	-6.76	-6.76	---	PASS
			30~1000	-6.76	-60.17	≤-26.76	PASS
			1000~26500	-6.76	-46.06	≤-26.76	PASS
		2437	Reference	-7.14	-7.14	---	PASS
			30~1000	-7.14	-60.09	≤-27.14	PASS
			1000~26500	-7.14	-46.05	≤-27.14	PASS
		2462	Reference	-6.88	-6.88	---	PASS
			30~1000	-6.88	-42.52	≤-26.88	PASS
			1000~26500	-6.88	-45.99	≤-26.88	PASS
11N40SISO	Ant1	2422	Reference	-9.94	-9.94	---	PASS
			30~1000	-9.94	-60.42	≤-29.94	PASS
			1000~26500	-9.94	-45.51	≤-29.94	PASS
		2437	Reference	-10.37	-10.37	---	PASS
			30~1000	-10.37	-43.19	≤-30.37	PASS
			1000~26500	-10.37	-45.83	≤-30.37	PASS
		2452	Reference	-10.47	-10.47	---	PASS
			30~1000	-10.47	-49.73	≤-30.47	PASS
			1000~26500	-10.47	-45.57	≤-30.47	PASS

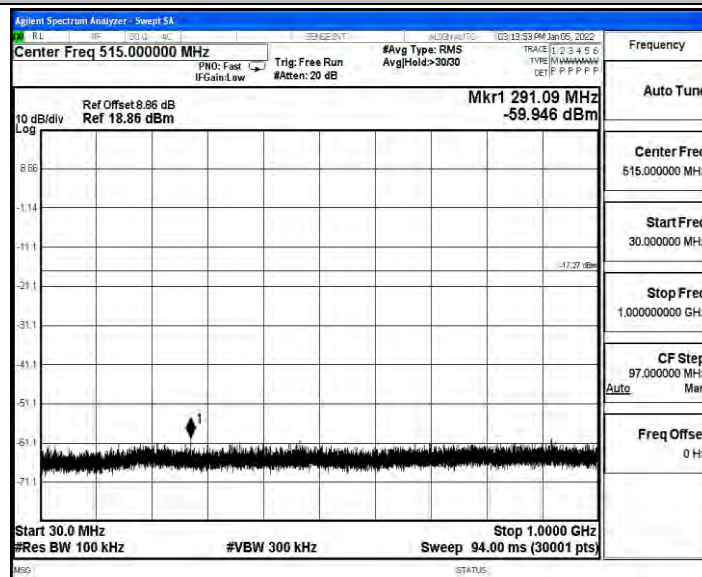


Test Graphs

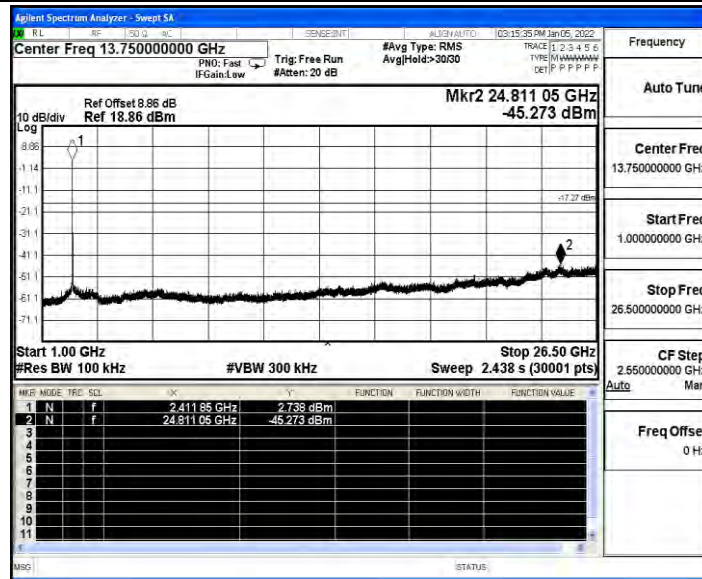
11B_Ant1_2412_0~Reference



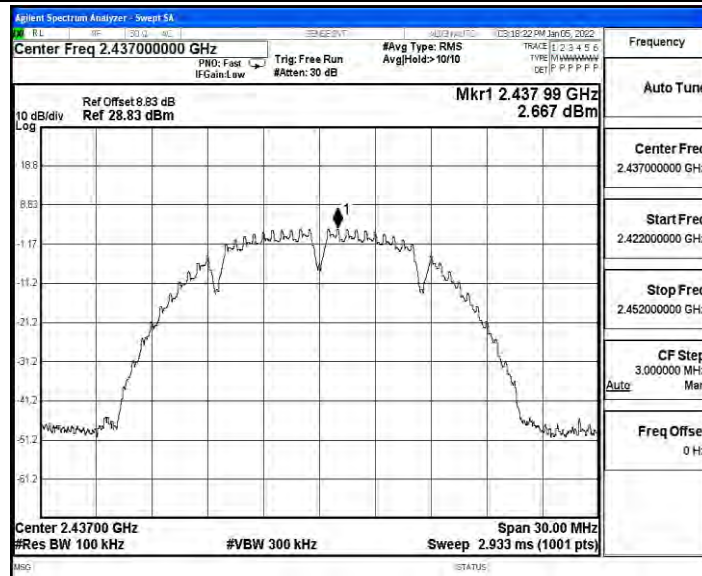
11B_Ant1_2412_30~1000



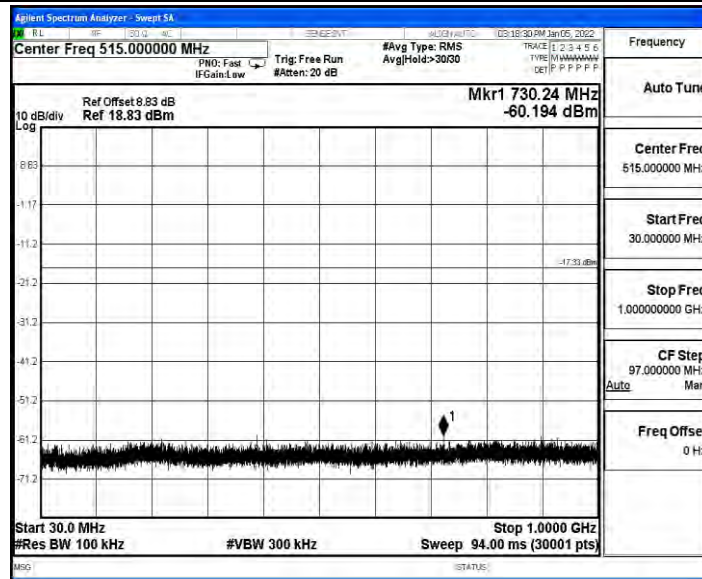
11B_Ant1_2412_1000~26500



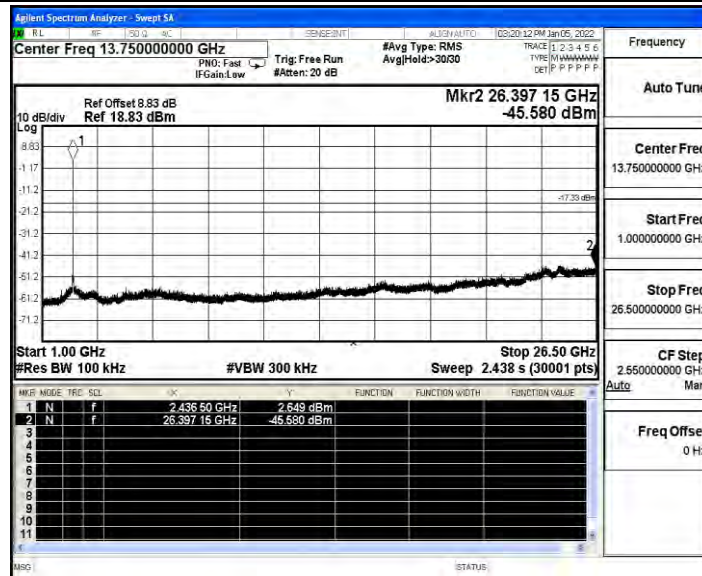
11B_Ant1_2437_0~Reference



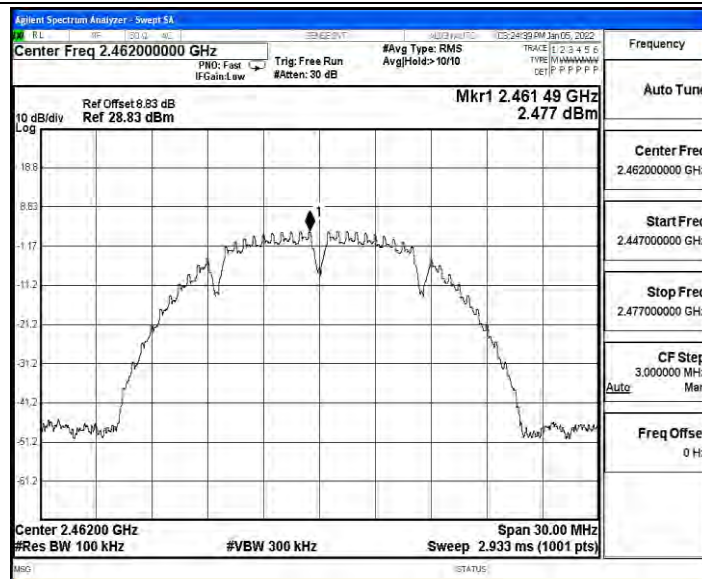
11B_Ant1_2437_30~1000



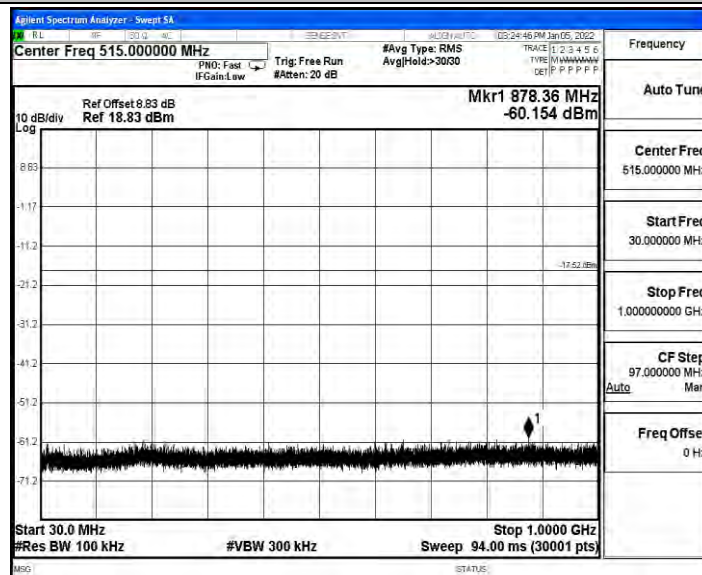
11B_Ant1_2437_1000~26500



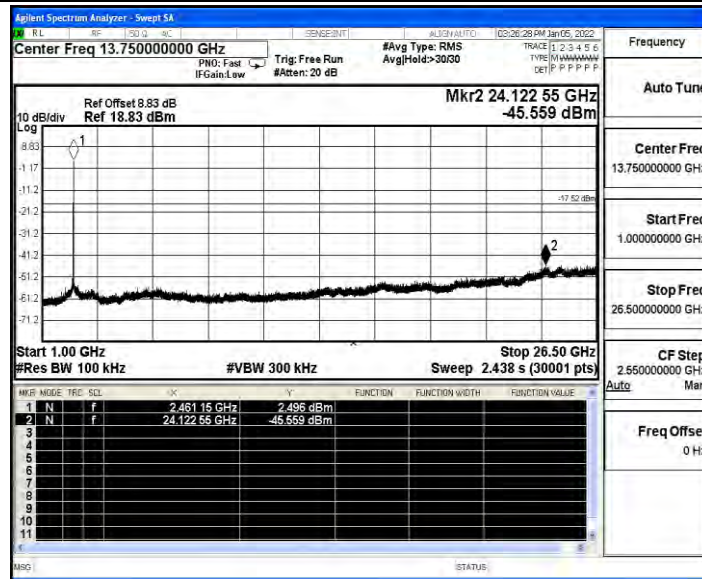
11B_Ant1_2462_0~Reference



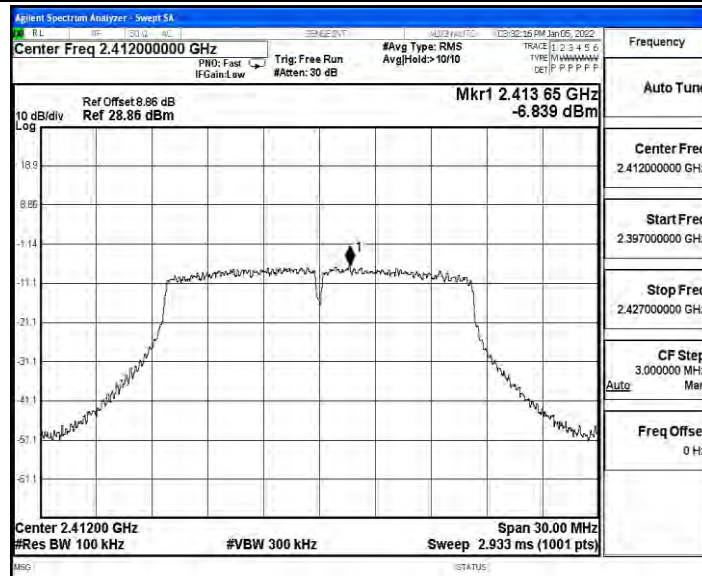
11B_Ant1_2462_30~1000



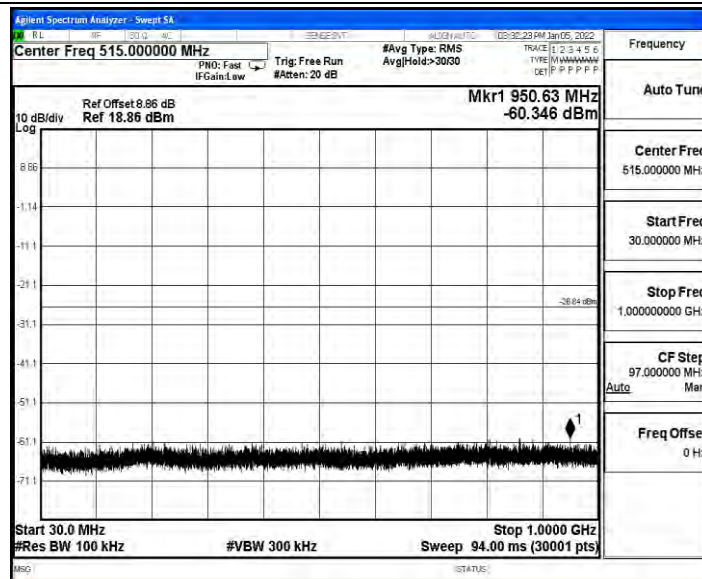
11B_Ant1_2462_1000~26500



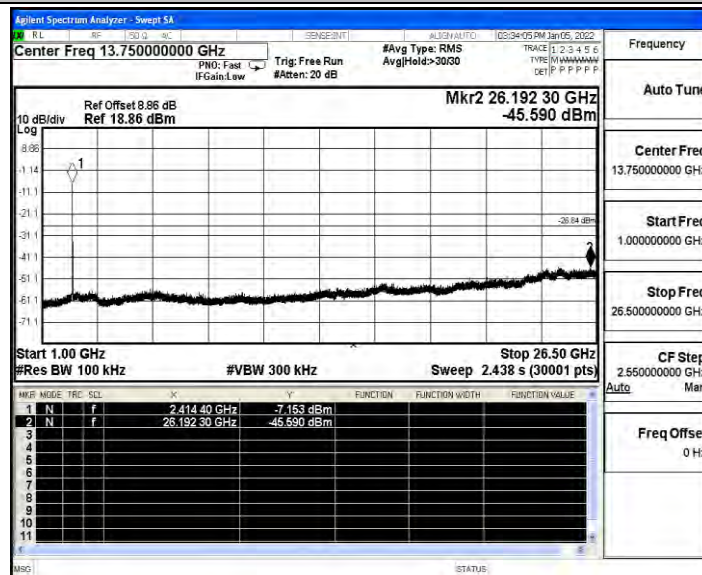
11G_Ant1_2412_0~Reference



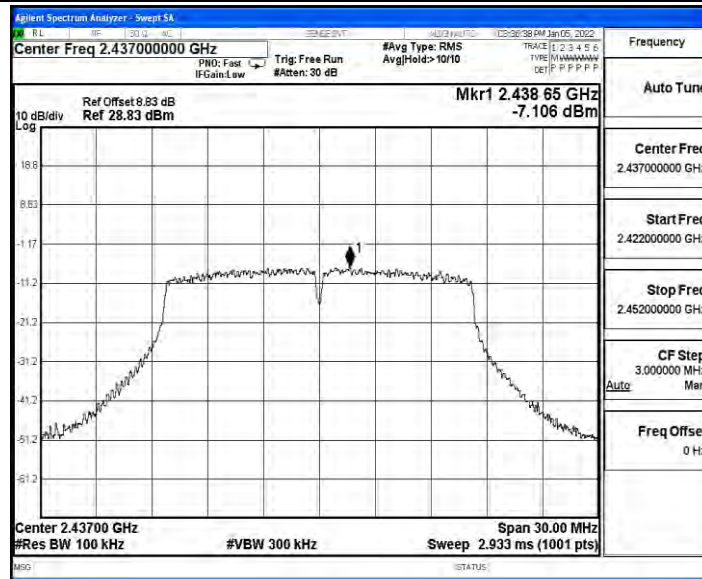
11G_Ant1_2412_30~1000



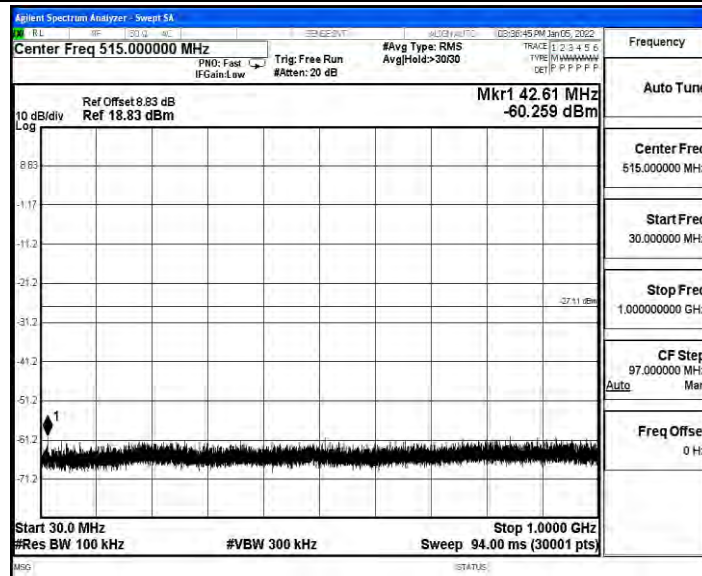
11G_Ant1_2412_1000~26500



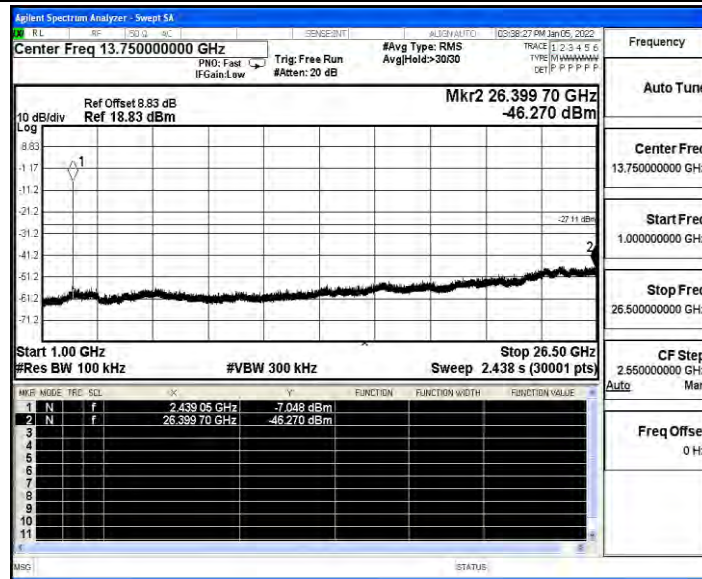
11G_Ant1_2437_0~Reference



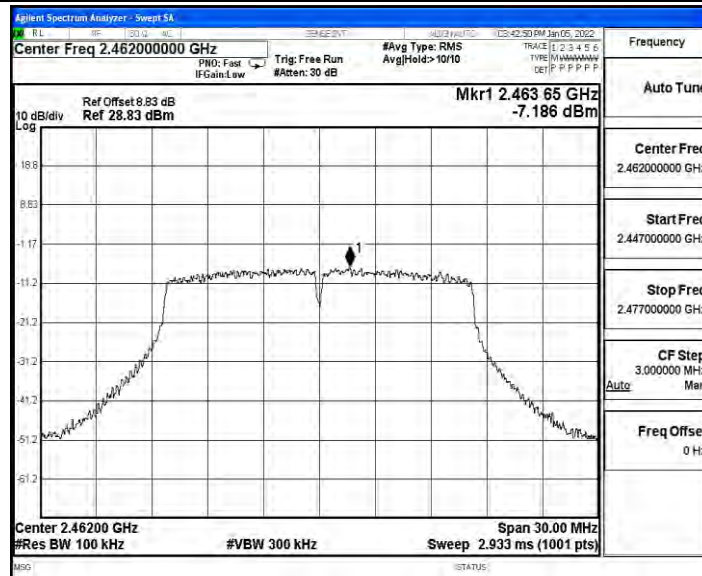
11G_Ant1_2437_30~1000



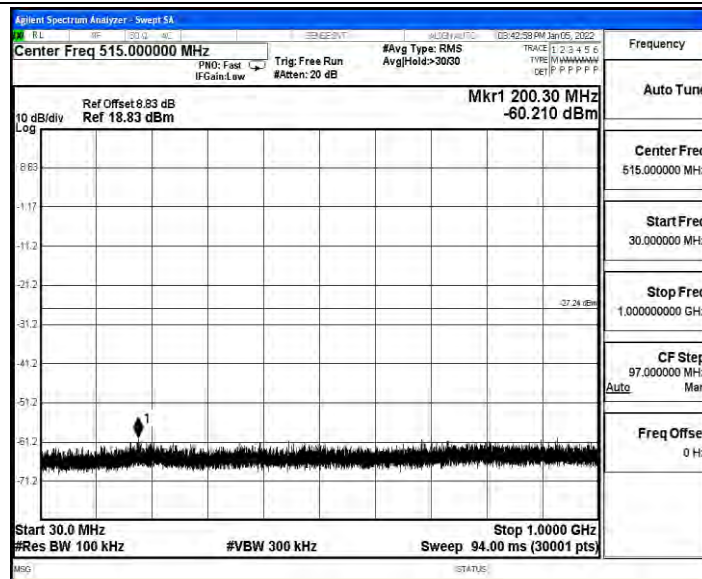
11G_Ant1_2437_1000~26500



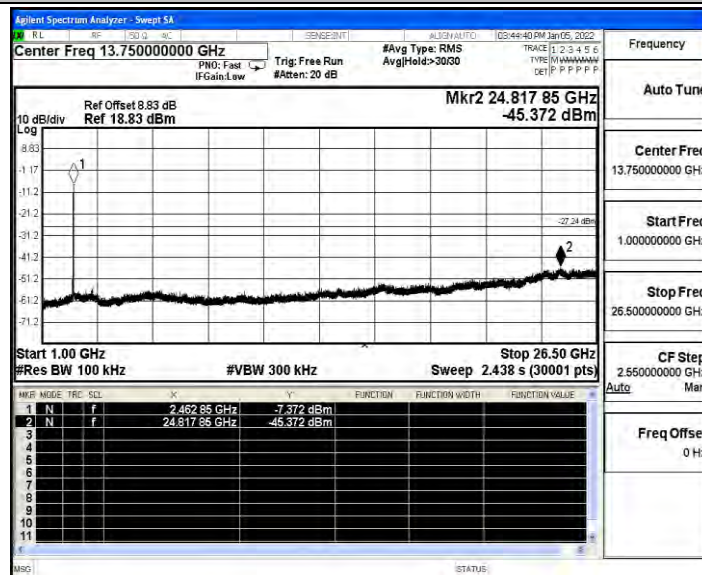
11G_Ant1_2462_0~Reference



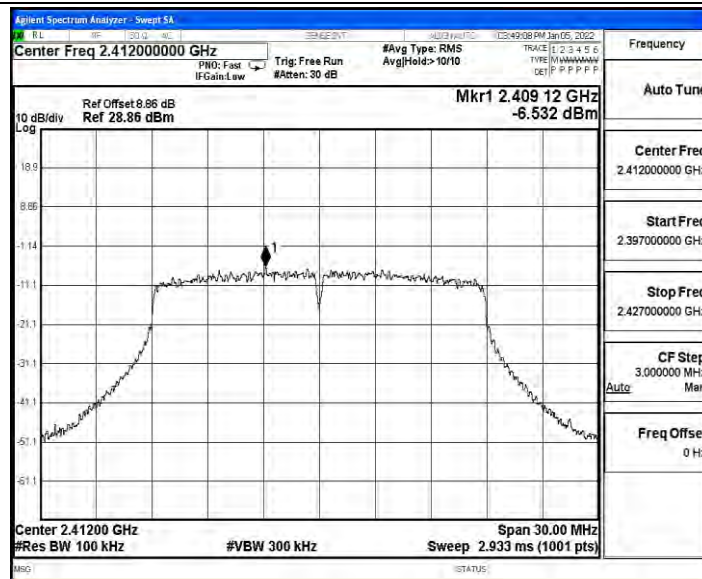
11G_Ant1_2462_30~1000



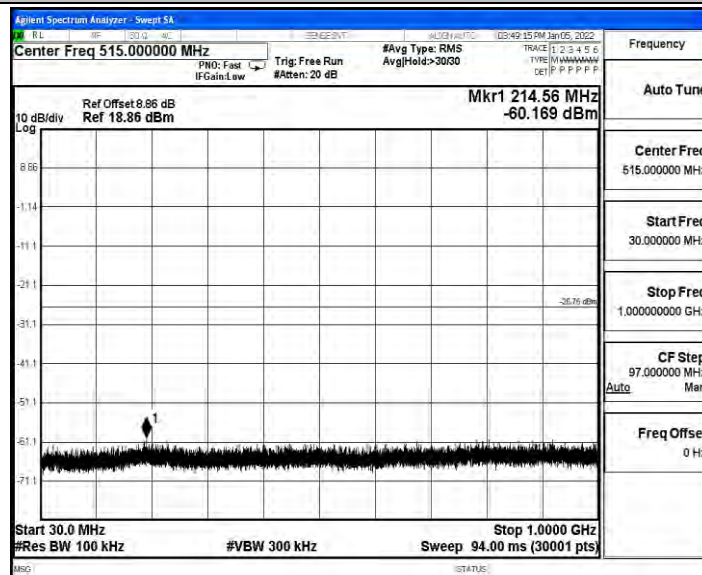
11G_Ant1_2462_1000~26500



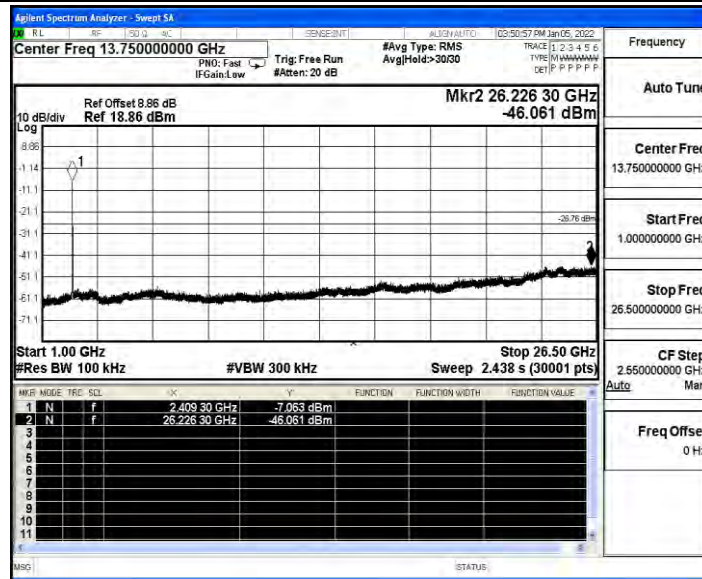
11N20SISO_Ant1_2412_0~Reference



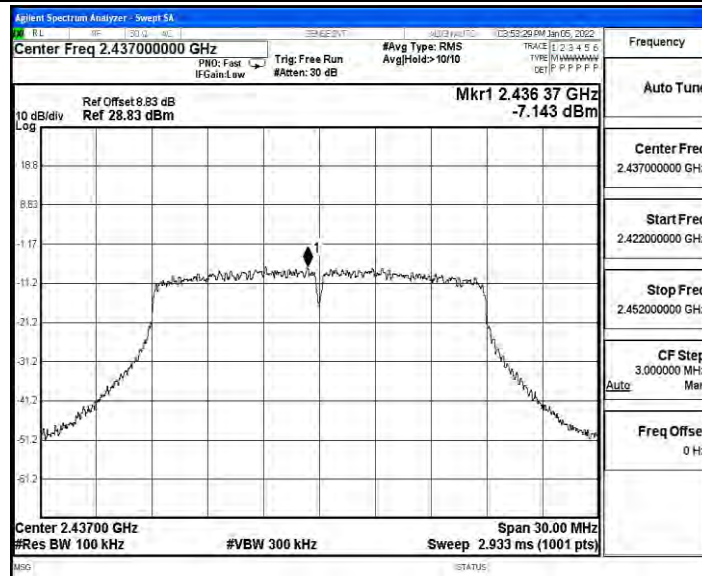
11N20SISO_Ant1_2412_30~1000



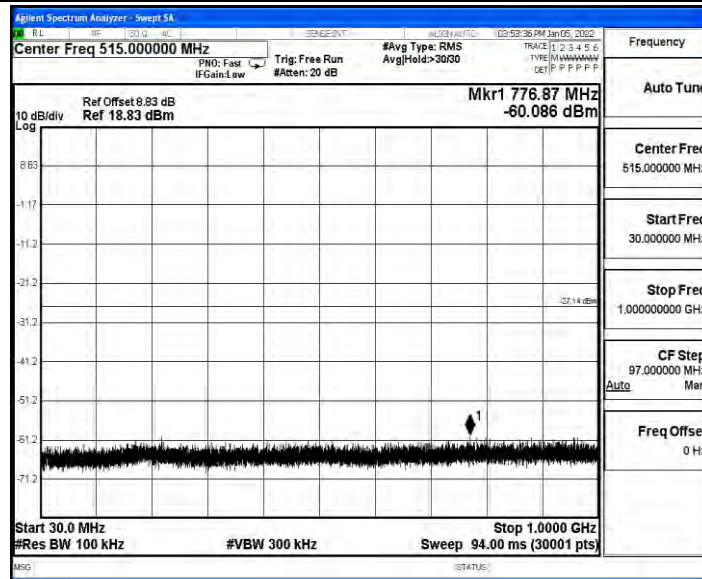
11N20SISO_Ant1_2412_1000~26500



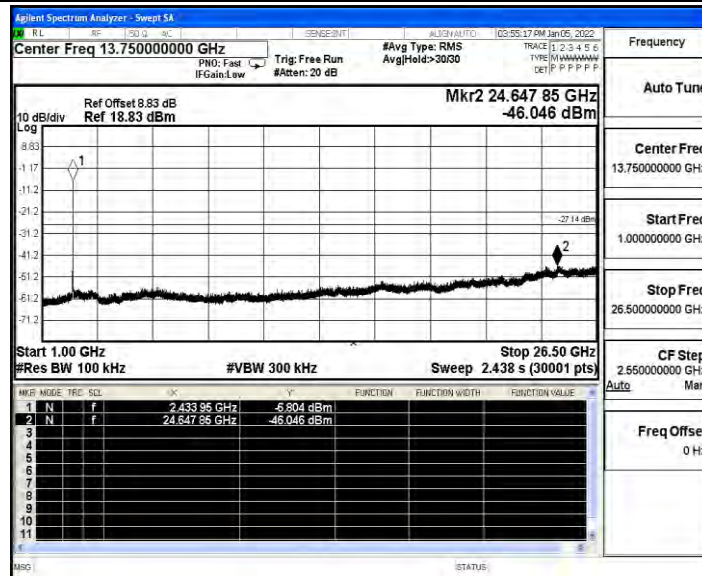
11N20SISO_Ant1_2437_0~Reference



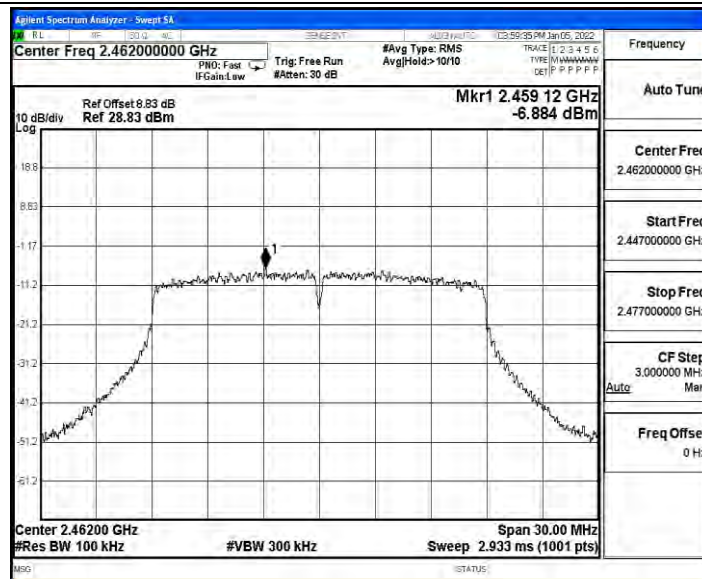
11N20SISO_Ant1_2437_30~1000



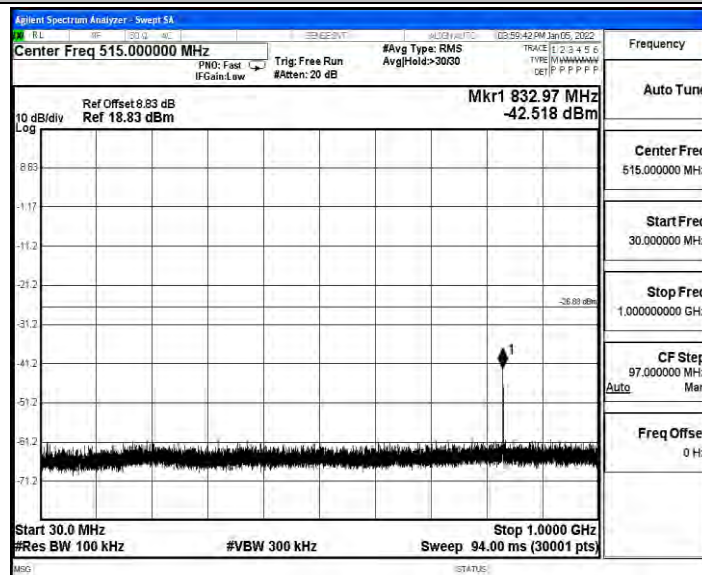
11N20SISO_Ant1_2437_1000~26500



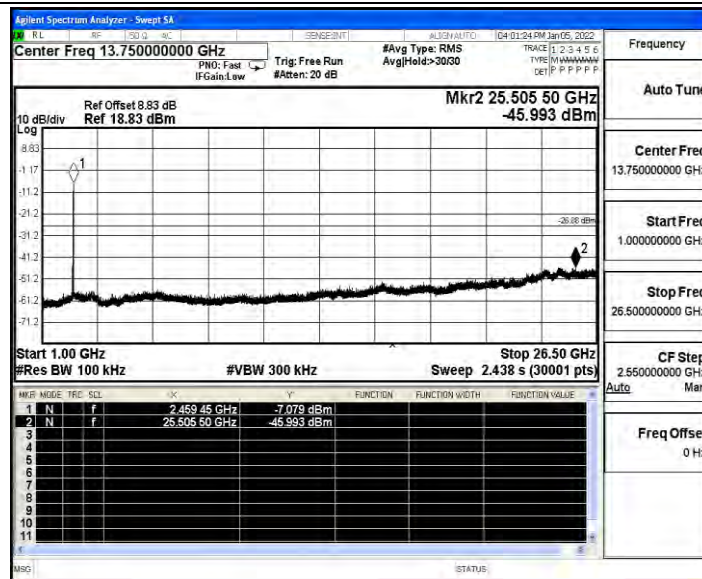
11N20SISO_Ant1_2462_0~Reference



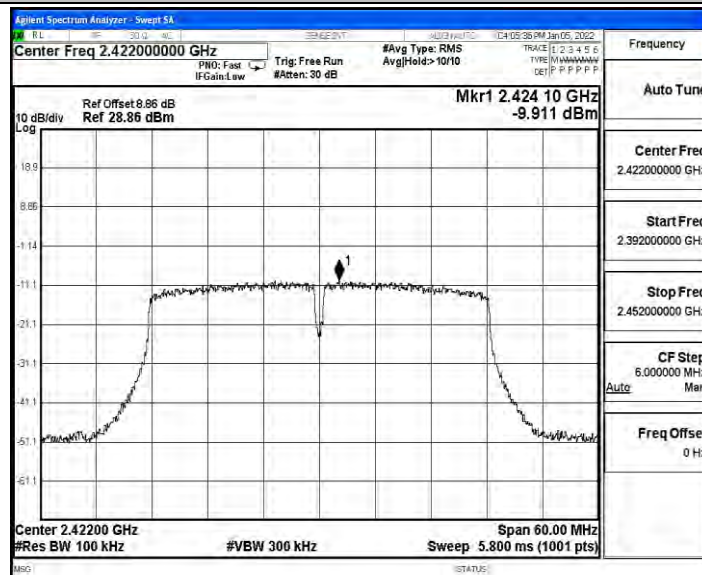
11N20SISO_Ant1_2462_30~1000



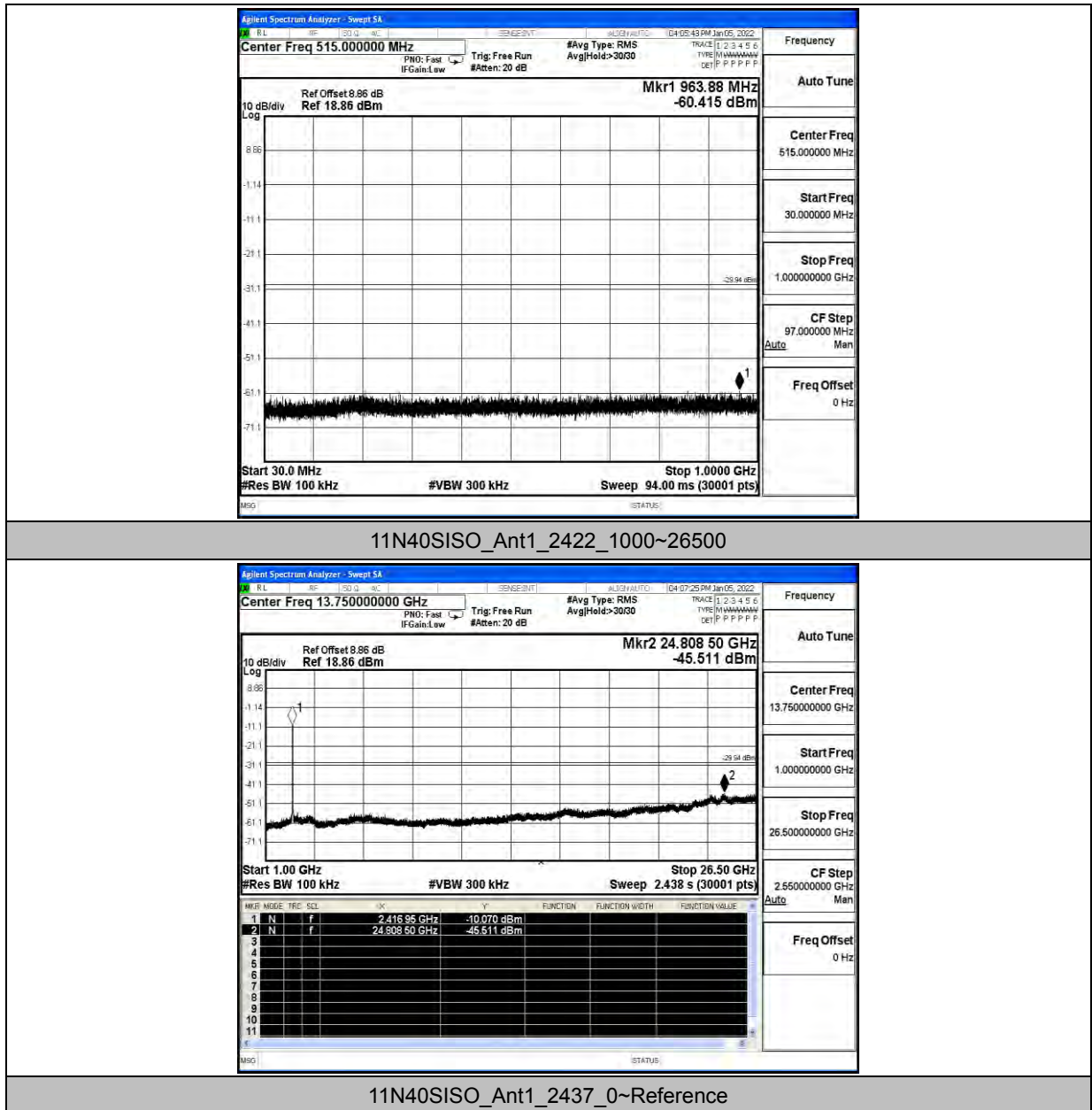
11N20SISO_Ant1_2462_1000~26500

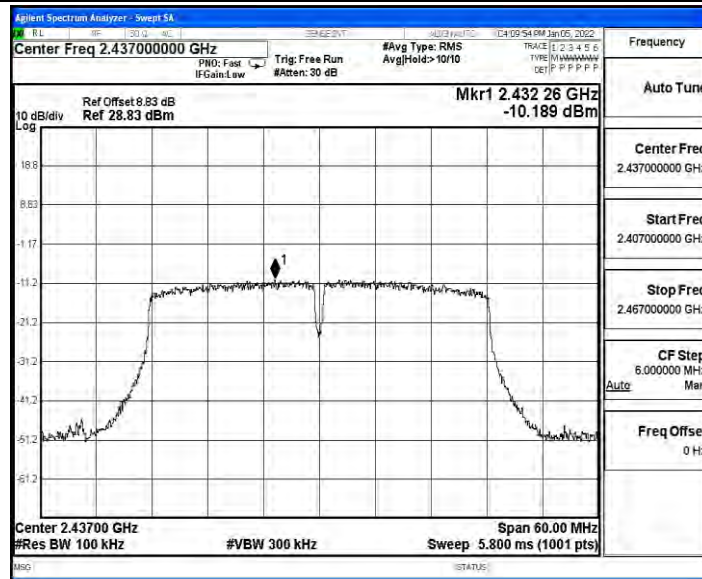


11N40SISO_Ant1_2422_0~Reference

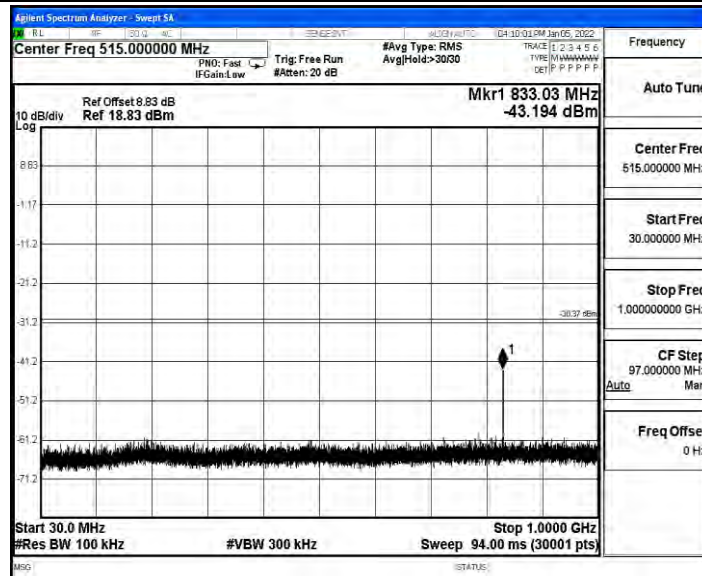


11N40SISO_Ant1_2422_30~1000

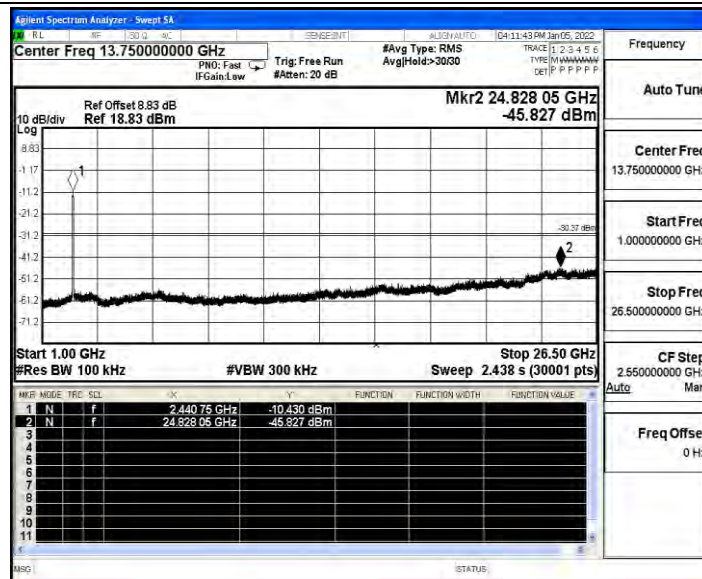




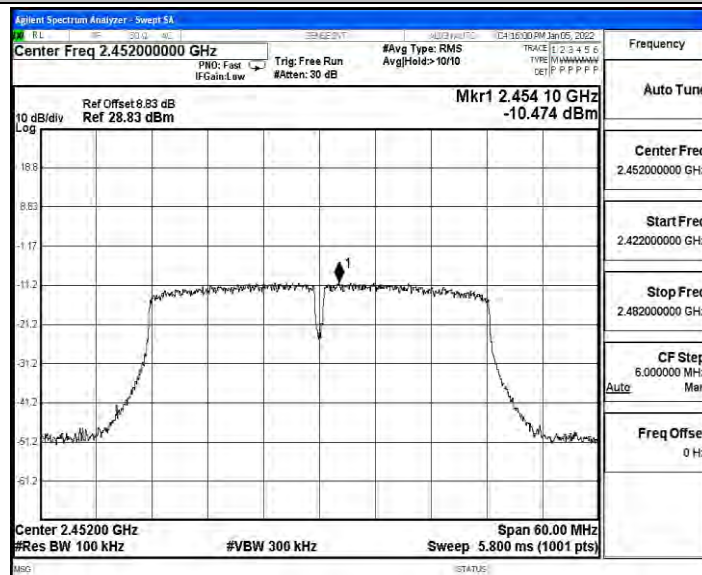
11N40SISO_Ant1_2437_30~1000



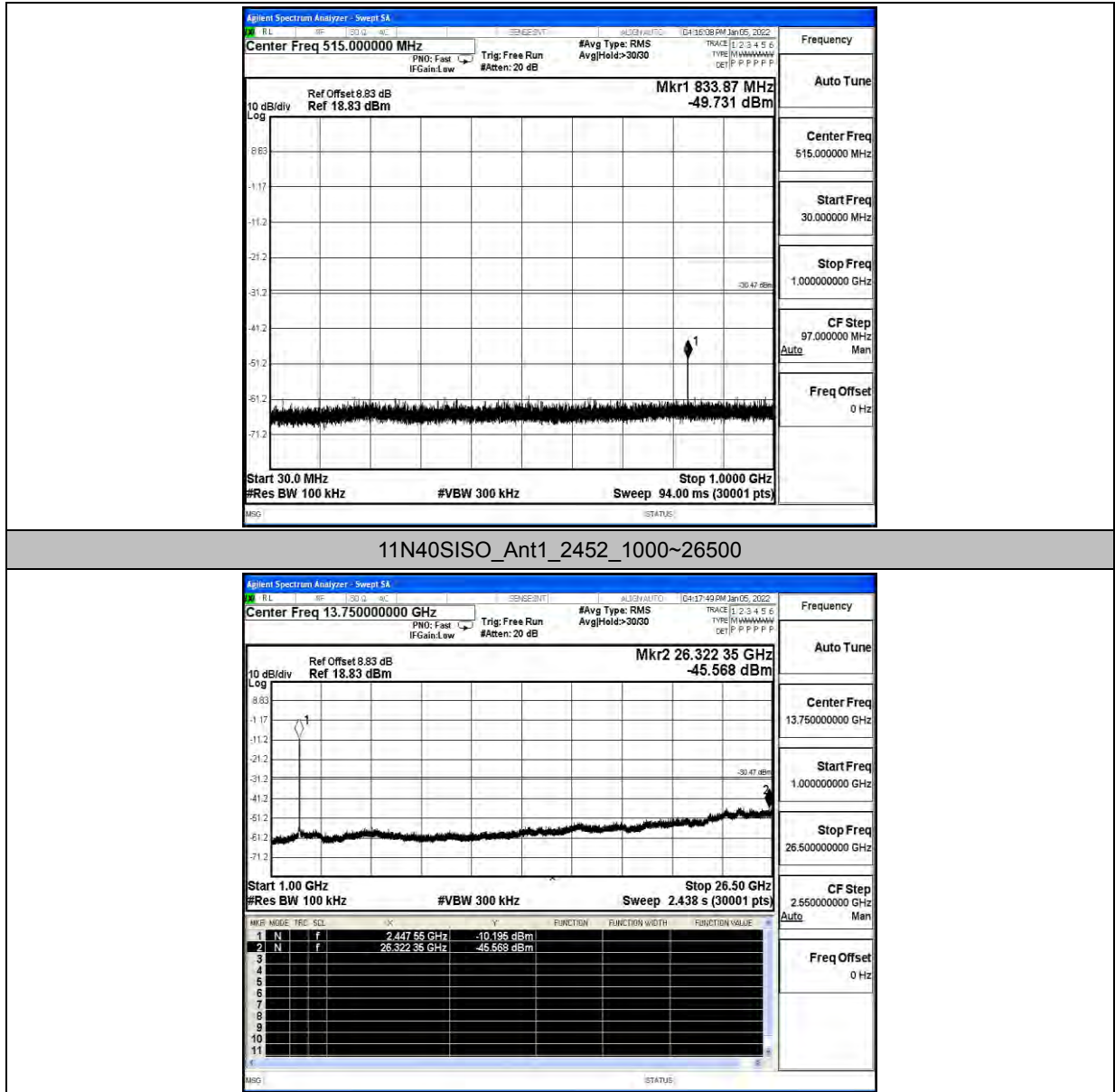
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



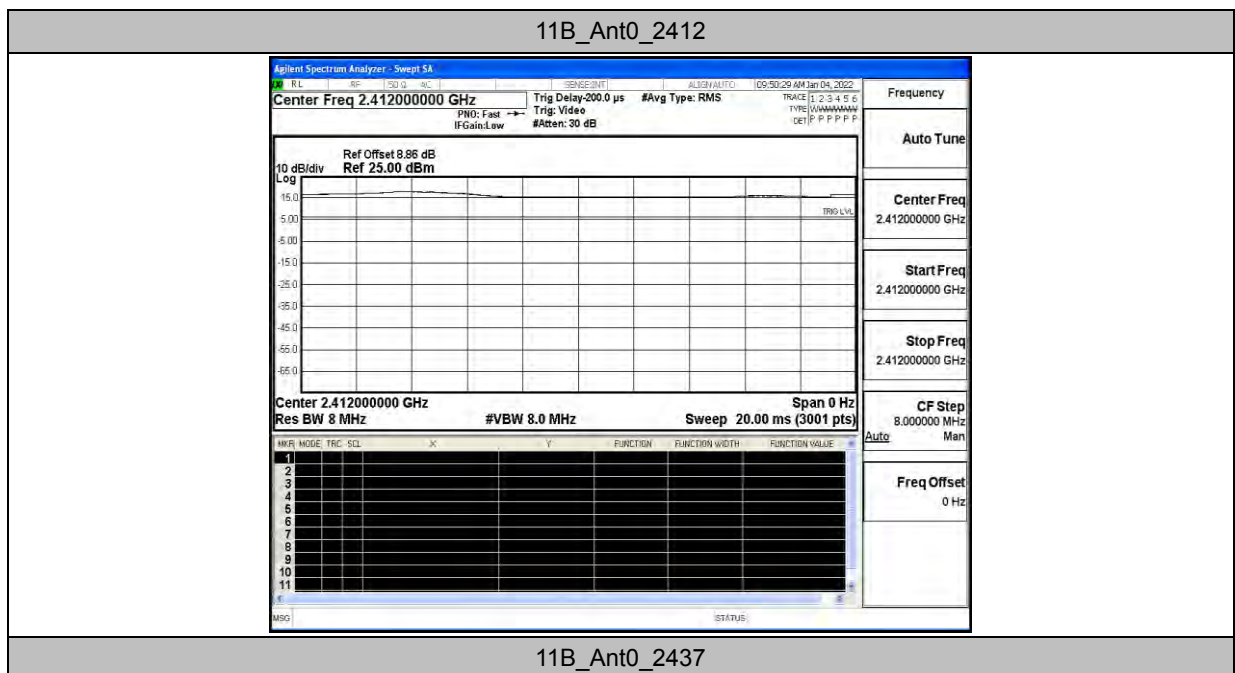


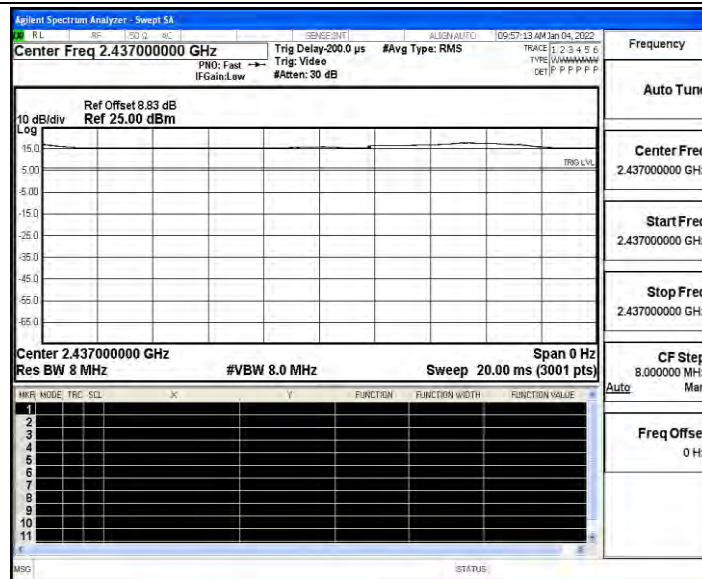
C.6 Duty Cycle

Test Result

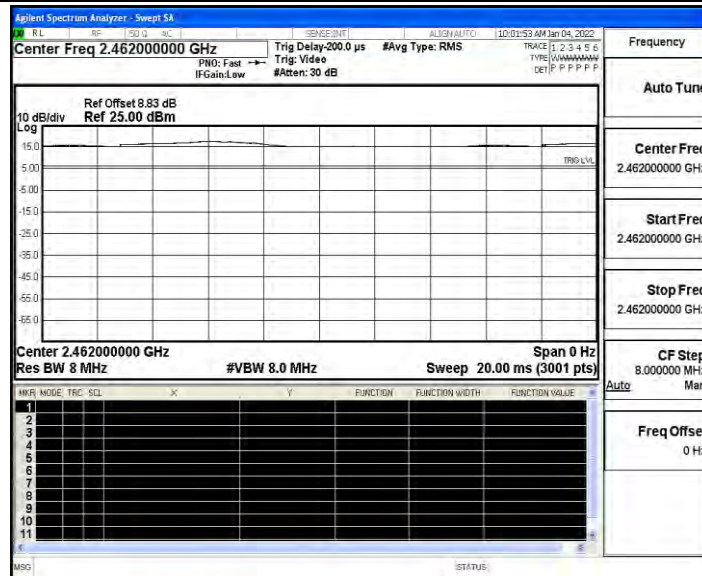
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant0	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11G	Ant0	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11N20SISO	Ant0	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11N40SISO	Ant0	2422	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2452	20.00	20.00	100.00	---	---

Test Graphs

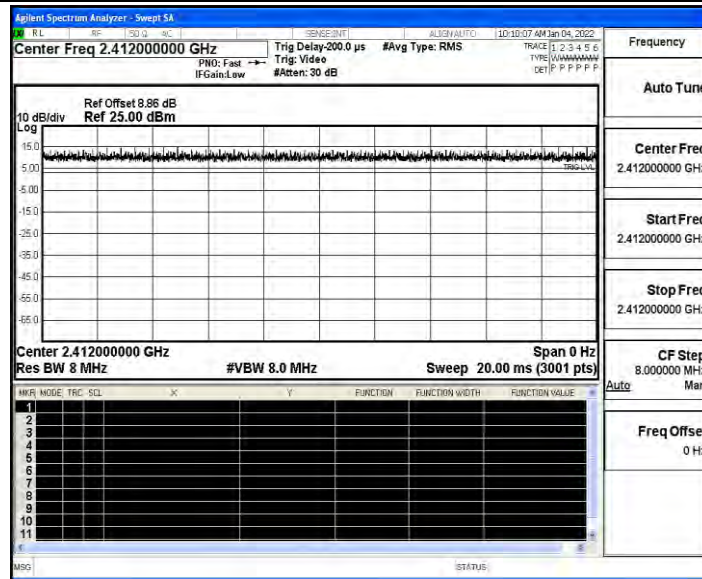




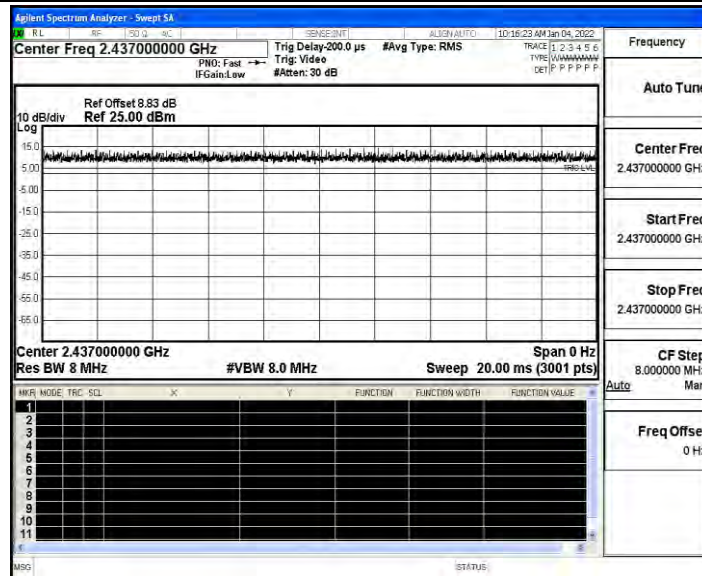
11B_Ant0_2462



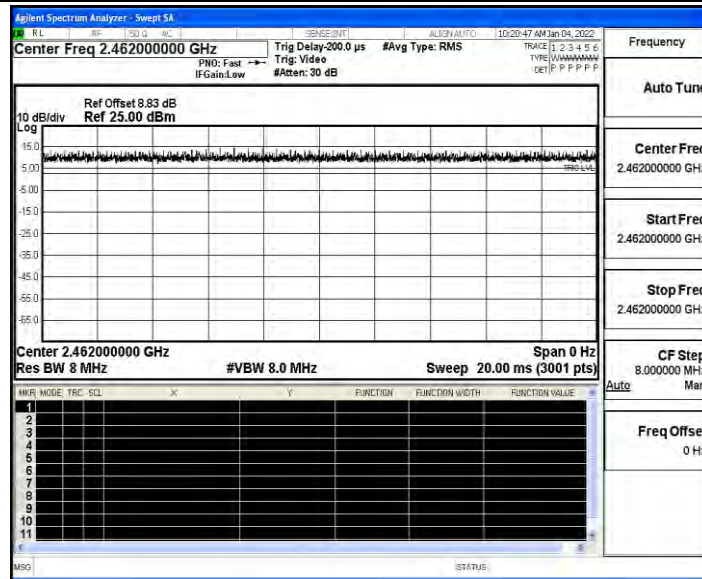
11G_Ant0_2412



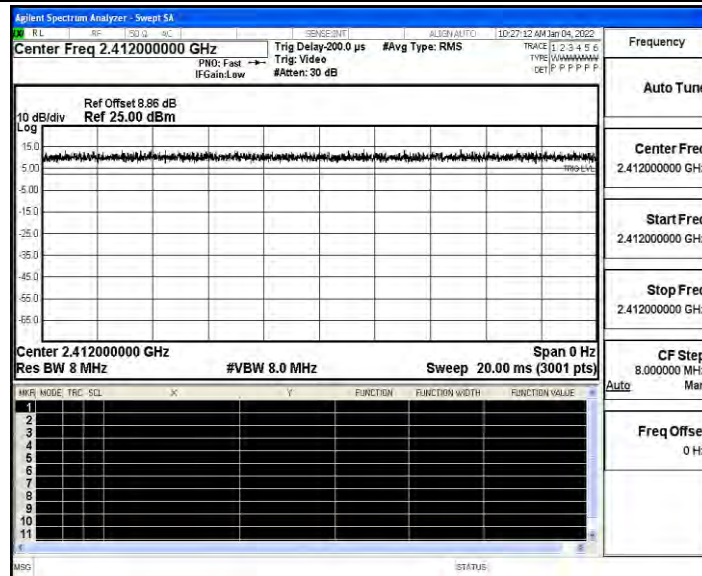
11G_Ant0_2437



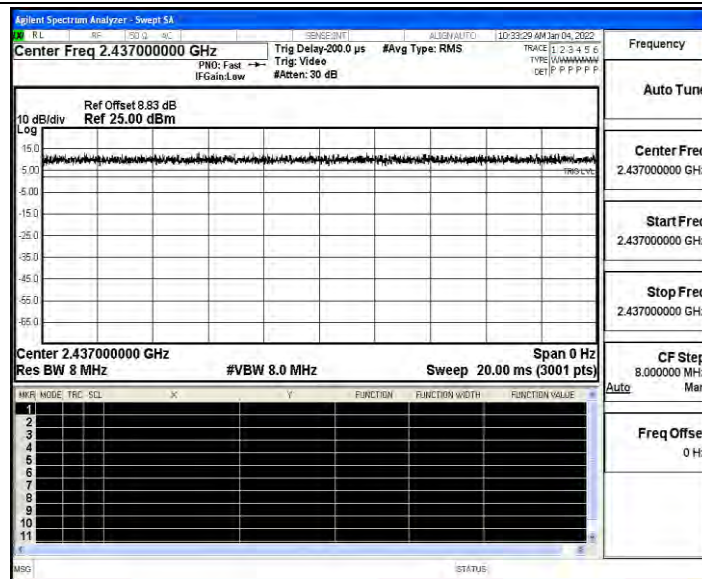
11G_Ant0_2462



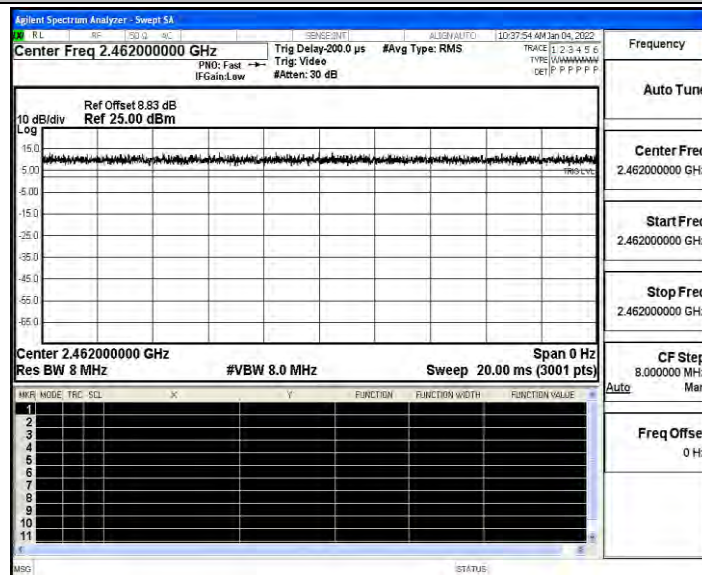
11N20SISO_Ant0_2412



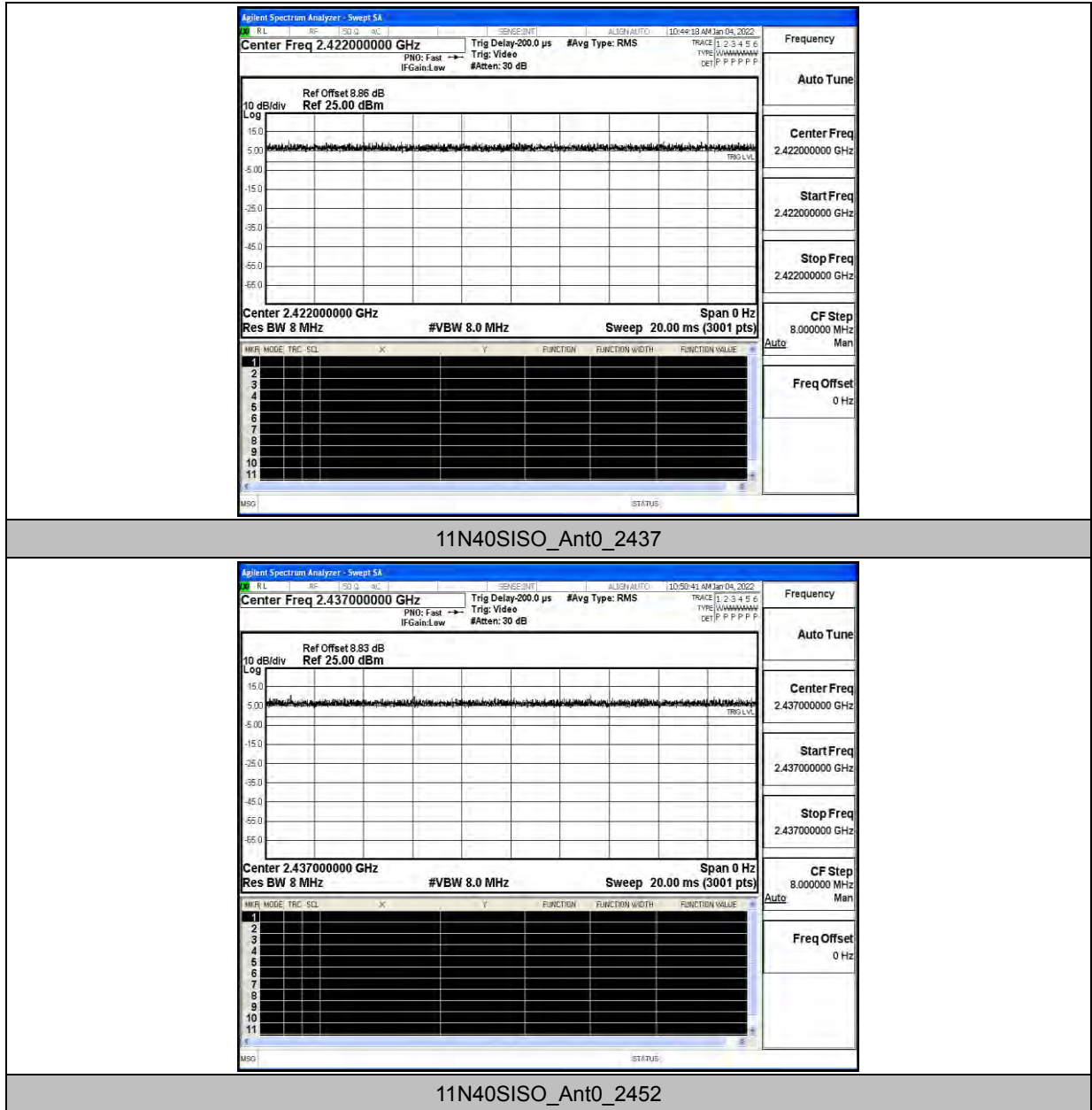
11N20SISO_Ant0_2437

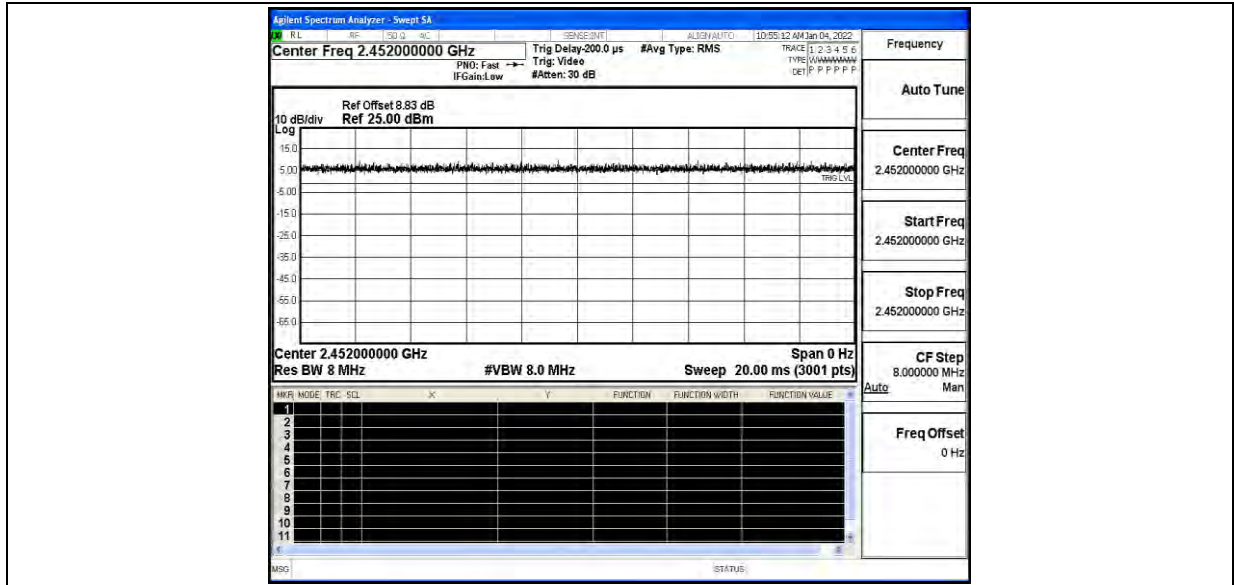


11N20SISO_Ant0_2462



11N40SISO_Ant0_2422

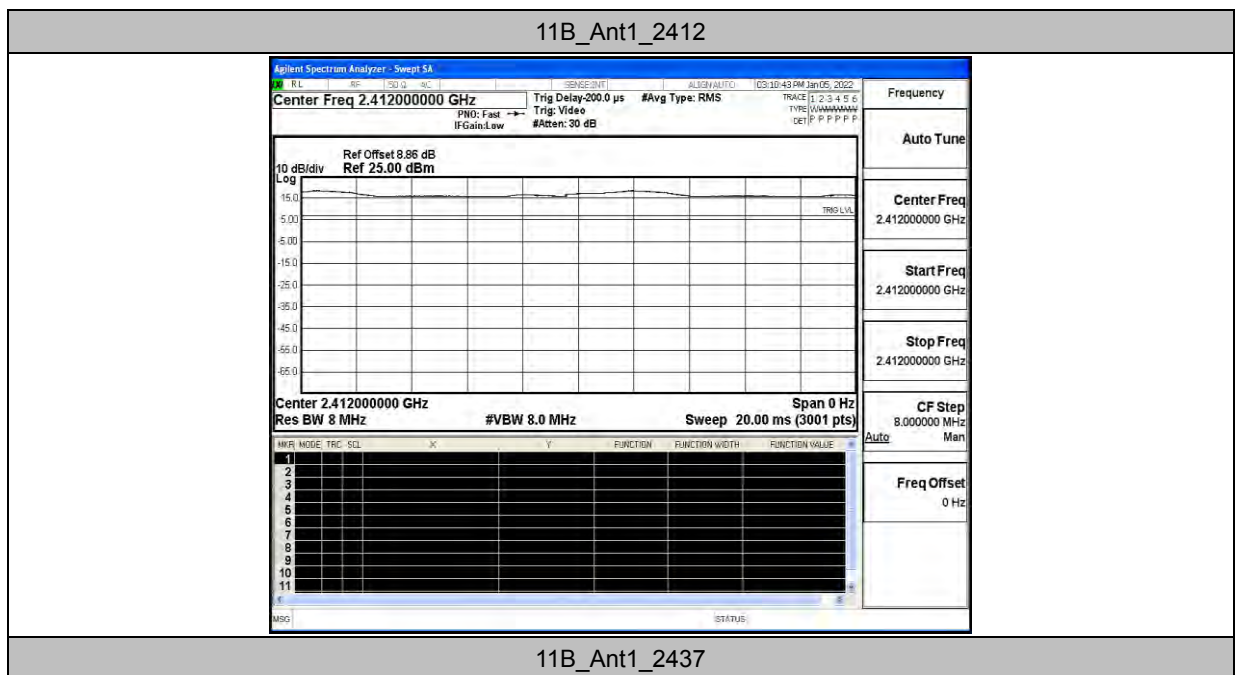


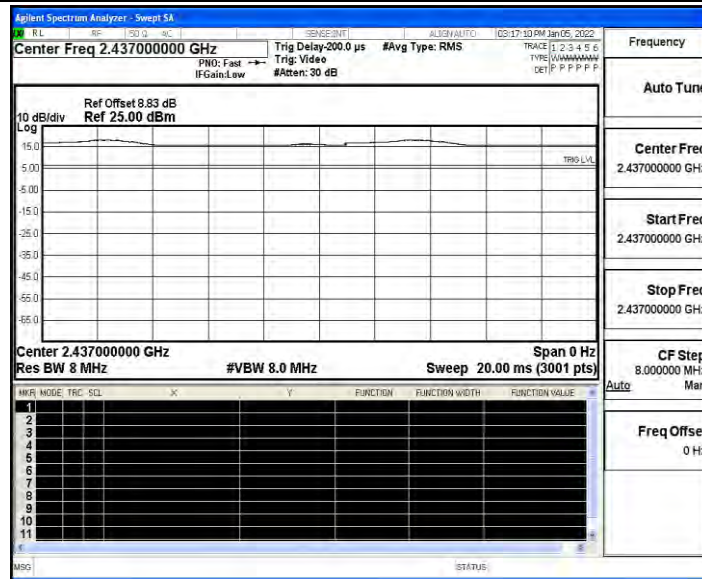




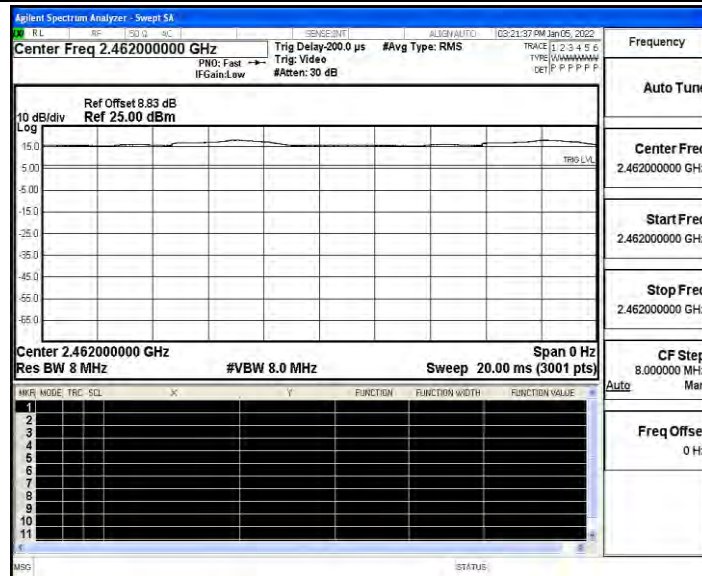
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11G	Ant1	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11N20SISO	Ant1	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11N40SISO	Ant1	2422	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2452	20.00	20.00	100.00	---	---

Test Graphs

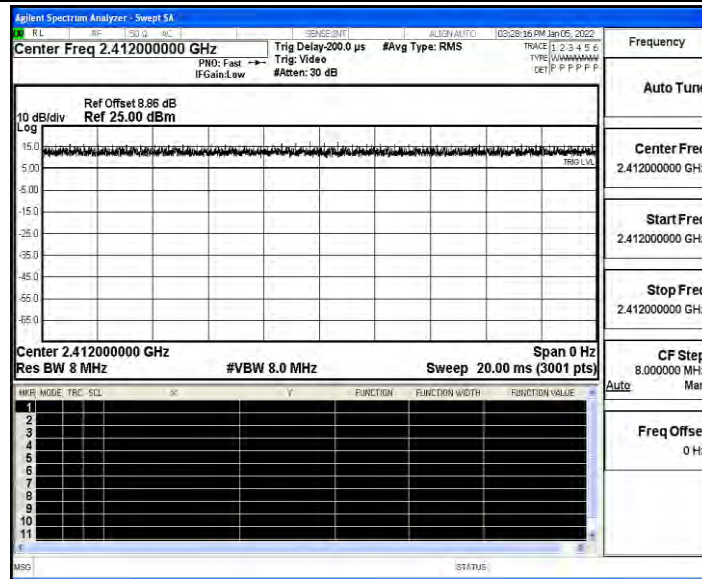




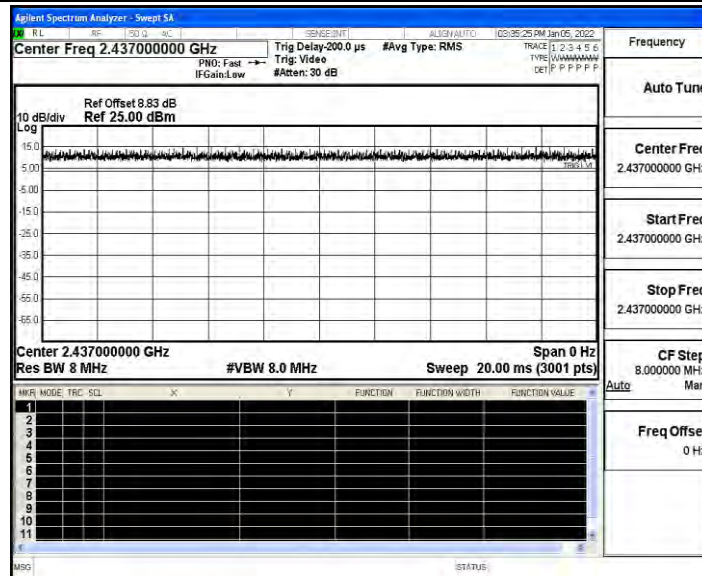
11B_Ant1_2462



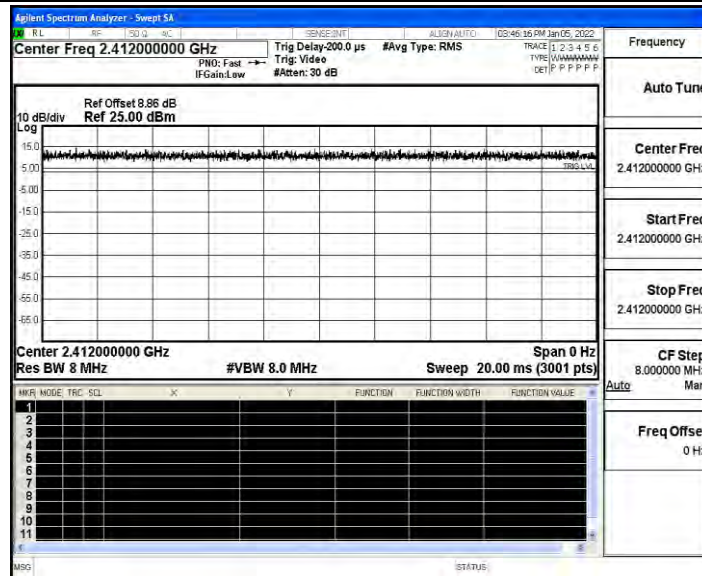
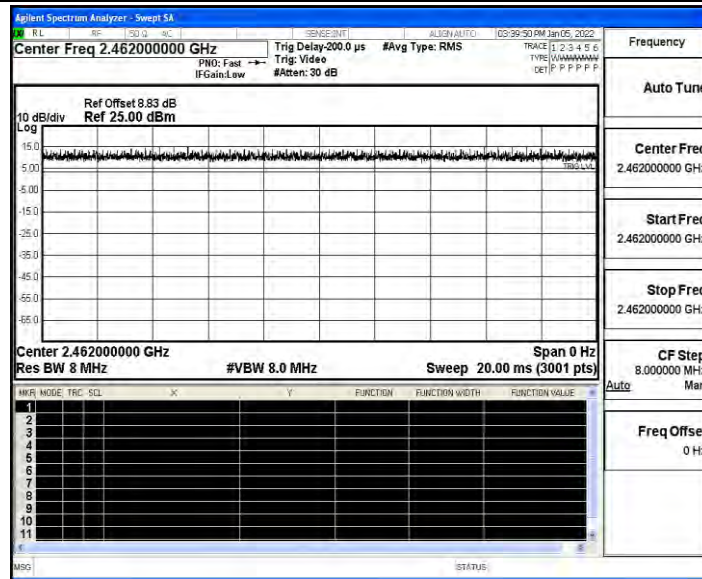
11G_Ant1_2412

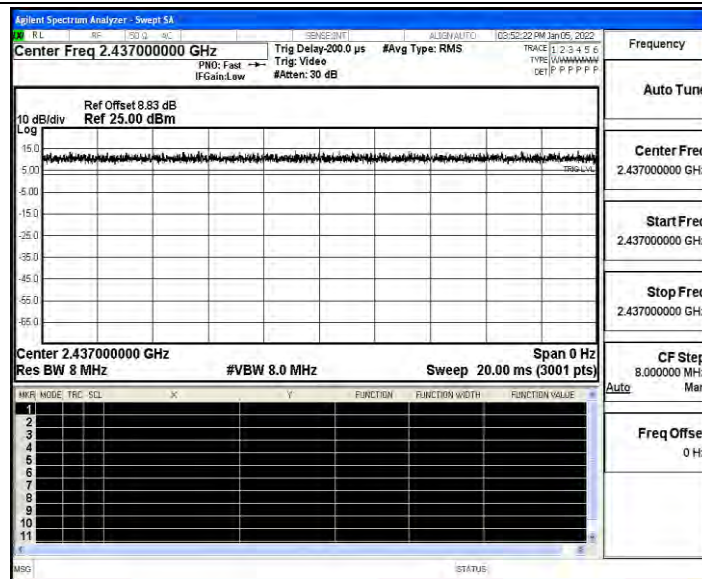


11G_Ant1_2437

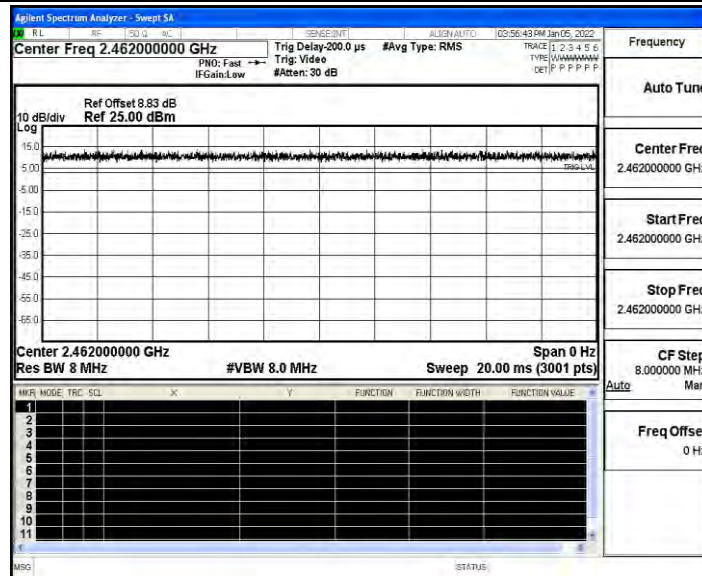


11G_Ant1_2462

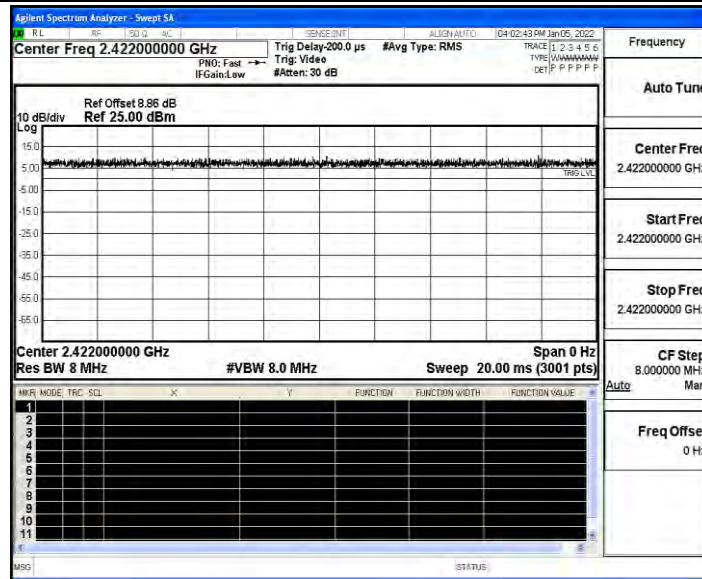




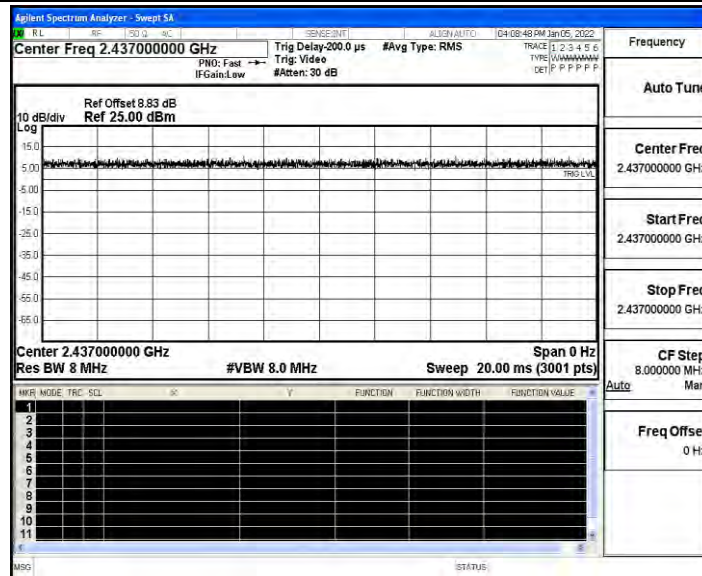
11N20SISO_Ant1_2462



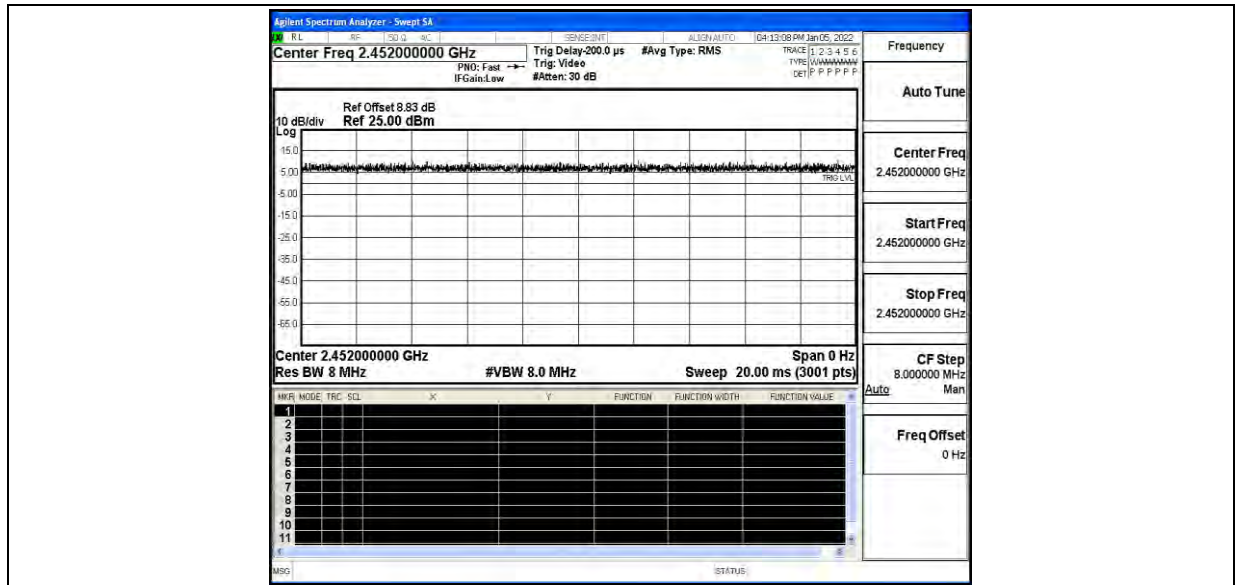
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





C.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	2412	AV	2310.000	-47.8	≤-41.20	47.40	≤54	PASS
			AV	2386.320	-46.75	≤-41.20	48.45	≤54	PASS
			AV	2390.000	-46.83	≤-41.20	48.37	≤54	PASS
			Peak	2310.000	-37.44	≤-21.20	57.76	≤74	PASS
			Peak	2369.550	-35.06	≤-21.20	60.14	≤74	PASS
			Peak	2390.000	-36.52	≤-21.20	58.68	≤74	PASS
		2462	AV	2483.500	-46.74	≤-41.20	48.46	≤54	PASS
			AV	2484.550	-46.66	≤-41.20	48.54	≤54	PASS
			AV	2500.000	-46.85	≤-41.20	48.35	≤54	PASS
			Peak	2483.500	-36.72	≤-21.20	58.48	≤74	PASS
			Peak	2492.690	-35.03	≤-21.20	60.17	≤74	PASS
			Peak	2500.000	-36.63	≤-21.20	58.57	≤74	PASS
11G	Ant0	2412	AV	2310.000	-48.22	≤-41.20	46.98	≤54	PASS
			AV	2389.310	-47.68	≤-41.20	47.52	≤54	PASS
			AV	2390.000	-47.7	≤-41.20	47.50	≤54	PASS
			Peak	2310.000	-37	≤-21.20	58.20	≤74	PASS
			Peak	2383.070	-36.01	≤-21.20	59.19	≤74	PASS
			Peak	2390.000	-37.55	≤-21.20	57.65	≤74	PASS
		2462	AV	2483.500	-47.54	≤-41.20	47.66	≤54	PASS
			AV	2498.190	-47.38	≤-41.20	47.82	≤54	PASS
			AV	2500.000	-47.41	≤-41.20	47.79	≤54	PASS
			Peak	2483.500	-37.36	≤-21.20	57.84	≤74	PASS
			Peak	2495.220	-35.09	≤-21.20	60.11	≤74	PASS
			Peak	2500.000	-36.63	≤-21.20	58.57	≤74	PASS
11N20SISO	Ant0	2412	AV	2310.000	-48.23	≤-41.20	46.97	≤54	PASS
			AV	2389.960	-47.66	≤-41.20	47.54	≤54	PASS
			AV	2390.000	-47.66	≤-41.20	47.54	≤54	PASS
			Peak	2310.000	-38.02	≤-21.20	57.18	≤74	PASS
			Peak	2382.160	-35.64	≤-21.20	59.56	≤74	PASS
			Peak	2390.000	-36.11	≤-21.20	59.09	≤74	PASS
		2462	AV	2483.500	-47.49	≤-41.20	47.71	≤54	PASS
			AV	2499.950	-47.35	≤-41.20	47.85	≤54	PASS
			AV	2500.000	-47.35	≤-41.20	47.85	≤54	PASS
			Peak	2483.500	-36.73	≤-21.20	58.47	≤74	PASS
			Peak	2487.190	-35.16	≤-21.20	60.04	≤74	PASS
			Peak	2500.000	-36.63	≤-21.20	58.57	≤74	PASS



11N40SISO	Ant0	2422	AV	2310.000	-48.18	≤-41.20	47.02	≤54	PASS
			AV	2389.830	-47.32	≤-41.20	47.88	≤54	PASS
			AV	2390.000	-47.34	≤-41.20	47.86	≤54	PASS
			Peak	2310.000	-38.24	≤-21.20	56.96	≤74	PASS
			Peak	2363.310	-35.74	≤-21.20	59.46	≤74	PASS
			Peak	2390.000	-36.58	≤-21.20	58.62	≤74	PASS
		2452	AV	2483.500	-47.37	≤-41.20	47.83	≤54	PASS
			AV	2499.730	-47.32	≤-41.20	47.88	≤54	PASS
			AV	2500.000	-47.33	≤-41.20	47.87	≤54	PASS
			Peak	2483.500	-36.79	≤-21.20	58.41	≤74	PASS
			Peak	2491.260	-35.28	≤-21.20	59.92	≤74	PASS
			Peak	2500.000	-36.43	≤-21.20	58.77	≤74	PASS

TestMode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	2412	AV	2310.000	-47.77	≤-41.20	47.43	≤54	PASS
			AV	2385.800	-46.68	≤-41.20	48.52	≤54	PASS
			AV	2390.000	-46.74	≤-41.20	48.46	≤54	PASS
			Peak	2310.000	-36.69	≤-21.20	58.51	≤74	PASS
			Peak	2387.620	-34.97	≤-21.20	60.23	≤74	PASS
			Peak	2390.000	-36.74	≤-21.20	58.46	≤74	PASS
		2462	AV	2483.500	-46.75	≤-41.20	48.45	≤54	PASS
			AV	2487.740	-46.66	≤-41.20	48.54	≤54	PASS
			AV	2500.000	-46.88	≤-41.20	48.32	≤54	PASS
			Peak	2483.500	-35.73	≤-21.20	59.47	≤74	PASS
			Peak	2488.510	-34.85	≤-21.20	60.35	≤74	PASS
			Peak	2500.000	-36.57	≤-21.20	58.63	≤74	PASS
11G	Ant1	2412	AV	2310.000	-48.19	≤-41.20	47.01	≤54	PASS
			AV	2389.960	-47.67	≤-41.20	47.53	≤54	PASS
			AV	2390.000	-47.67	≤-41.20	47.53	≤54	PASS
			Peak	2310.000	-38.41	≤-21.20	56.79	≤74	PASS
			Peak	2322.360	-35.85	≤-21.20	59.35	≤74	PASS
			Peak	2390.000	-36.92	≤-21.20	58.28	≤74	PASS
		2462	AV	2483.500	-47.53	≤-41.20	47.67	≤54	PASS
			AV	2499.620	-47.4	≤-41.20	47.80	≤54	PASS
			AV	2500.000	-47.41	≤-41.20	47.79	≤54	PASS
			Peak	2483.500	-36.55	≤-21.20	58.65	≤74	PASS
			Peak	2487.630	-35.37	≤-21.20	59.83	≤74	PASS
			Peak	2500.000	-36.76	≤-21.20	58.44	≤74	PASS
11N20SISO	Ant1	2412	AV	2310.000	-48.23	≤-41.20	46.97	≤54	PASS
			AV	2389.960	-47.64	≤-41.20	47.56	≤54	PASS
			AV	2390.000	-47.64	≤-41.20	47.56	≤54	PASS



			Peak	2310.000	-36.82	≤-21.20	58.38	≤74	PASS
			Peak	2382.290	-35.69	≤-21.20	59.51	≤74	PASS
			Peak	2390.000	-36.28	≤-21.20	58.92	≤74	PASS
		2462	AV	2483.500	-47.5	≤-41.20	47.70	≤54	PASS
			AV	2499.290	-47.39	≤-41.20	47.81	≤54	PASS
			AV	2500.000	-47.42	≤-41.20	47.78	≤54	PASS
			Peak	2483.500	-37.13	≤-21.20	58.07	≤74	PASS
			Peak	2491.920	-35.38	≤-21.20	59.82	≤74	PASS
			Peak	2500.000	-37.07	≤-21.20	58.13	≤74	PASS
11N40SISO	Ant1	2422	AV	2310.000	-48.2	≤-41.20	47.00	≤54	PASS
			AV	2389.830	-47.29	≤-41.20	47.91	≤54	PASS
			AV	2390.000	-47.32	≤-41.20	47.88	≤54	PASS
			Peak	2310.000	-37.33	≤-21.20	57.87	≤74	PASS
			Peak	2385.670	-35.59	≤-21.20	59.61	≤74	PASS
			Peak	2390.000	-36.96	≤-21.20	58.24	≤74	PASS
		2452	AV	2483.500	-47.17	≤-41.20	48.03	≤54	PASS
			AV	2483.670	-47.15	≤-41.20	48.05	≤54	PASS
			AV	2500.000	-47.3	≤-41.20	47.90	≤54	PASS
			Peak	2483.500	-37.03	≤-21.20	58.17	≤74	PASS
			Peak	2496.100	-35.52	≤-21.20	59.68	≤74	PASS
			Peak	2500.000	-36.48	≤-21.20	58.72	≤74	PASS



Combined Ant_0 and Ant_1

Test Mode	Freq.	Emissions Level (dBm)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2310.000	-48.23	-48.23	-45.22	2.0	0	52.01	AV	≤54
	2389.180	-47.66	-47.64	-44.64	2.0	0	52.59	AV	≤54
	2390.000	-47.66	-47.64	-44.64	2.0	0	52.59	AV	≤54
	2310.000	-38.02	-36.82	-34.37	2.0	0	62.86	Peak	≤74
	2357.590	-35.64	-35.69	-32.65	2.0	0	64.57	Peak	≤74
	2390.000	-36.11	-36.28	-33.18	2.0	0	64.04	Peak	≤74
	2483.500	-47.49	-47.5	-44.48	2.0	0	52.74	AV	≤54
	2499.840	-47.35	-47.39	-44.36	2.0	0	52.87	AV	≤54
	2500.000	-47.35	-47.42	-44.37	2.0	0	52.85	AV	≤54
11N40 MIMO	2483.500	-36.73	-37.13	-33.92	2.0	0	63.31	Peak	≤74
	2497.750	-35.16	-35.38	-32.26	2.0	0	64.97	Peak	≤74
	2500.000	-36.63	-37.07	-33.83	2.0	0	63.39	Peak	≤74
	2310.000	-48.18	-48.2	-45.18	2.0	0	52.05	AV	≤54
	2389.700	-47.32	-47.29	-44.29	2.0	0	52.93	AV	≤54
	2390.000	-47.34	-47.32	-44.32	2.0	0	52.91	AV	≤54
	2310.000	-38.24	-37.33	-34.75	2.0	0	62.48	Peak	≤74
	2311.960	-35.74	-35.59	-32.65	2.0	0	64.57	Peak	≤74
	2390.000	-36.58	-36.96	-33.76	2.0	0	63.47	Peak	≤74
	2483.500	-47.37	-47.17	-44.26	2.0	0	52.97	AV	≤54
	2499.620	-47.32	-47.15	-44.22	2.0	0	53.00	AV	≤54
	2500.000	-47.33	-47.3	-44.30	2.0	0	52.92	AV	≤54
	2483.500	-36.79	-37.03	-33.90	2.0	0	63.33	Peak	≤74
	2492.250	-35.28	-35.52	-32.39	2.0	0	64.84	Peak	≤74
	2500.000	-36.43	-36.48	-33.44	2.0	0	63.78	Peak	≤74

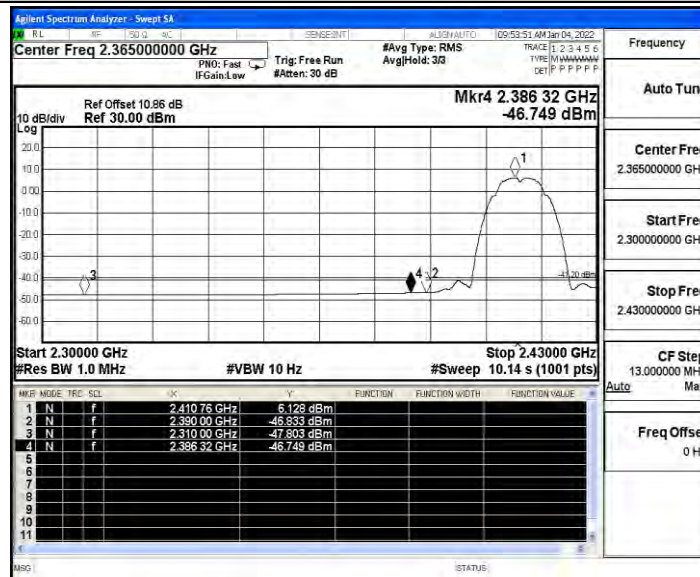
Note:

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.

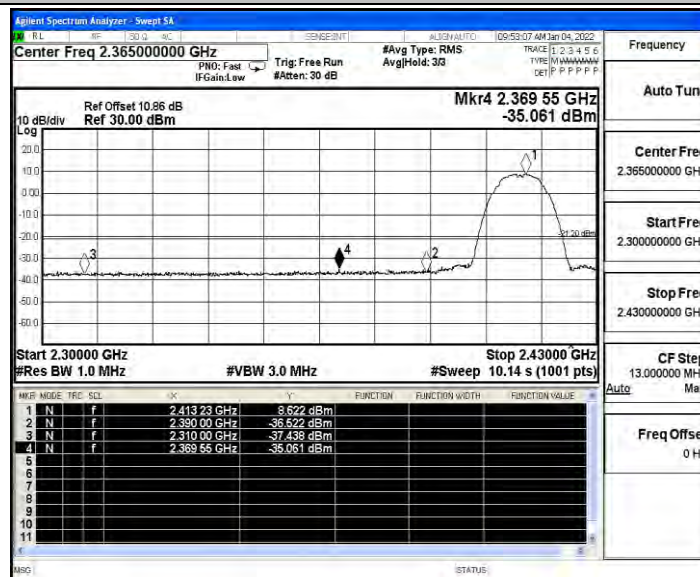


Test Graphs

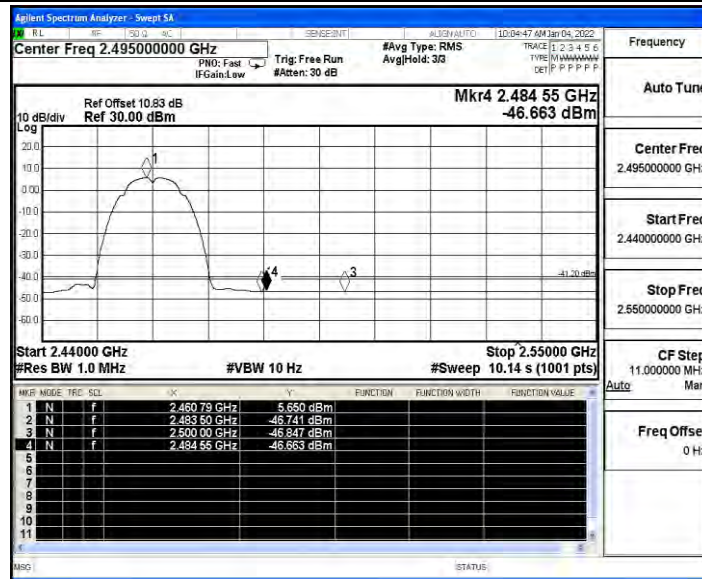
11B_Ant0_Low_2412_AV



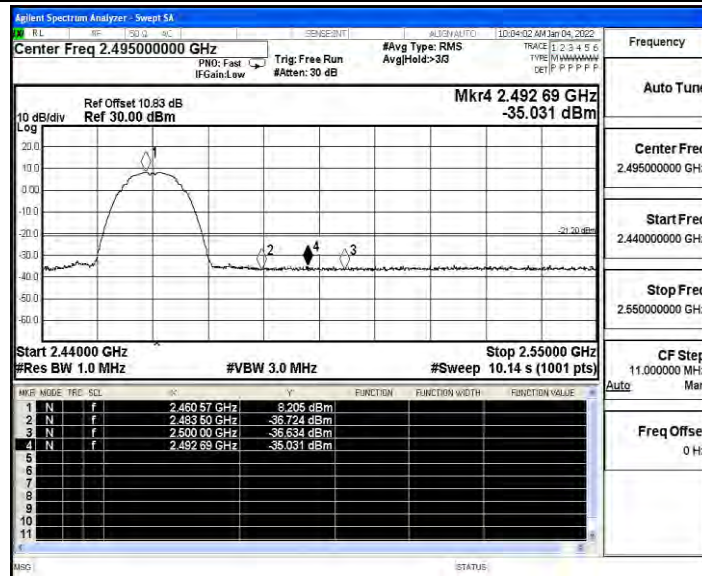
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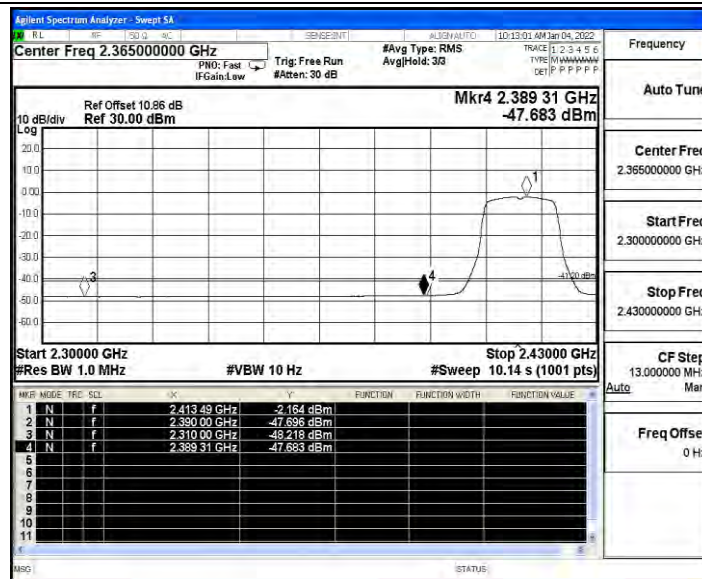
11B_Ant0_High_2462_AV



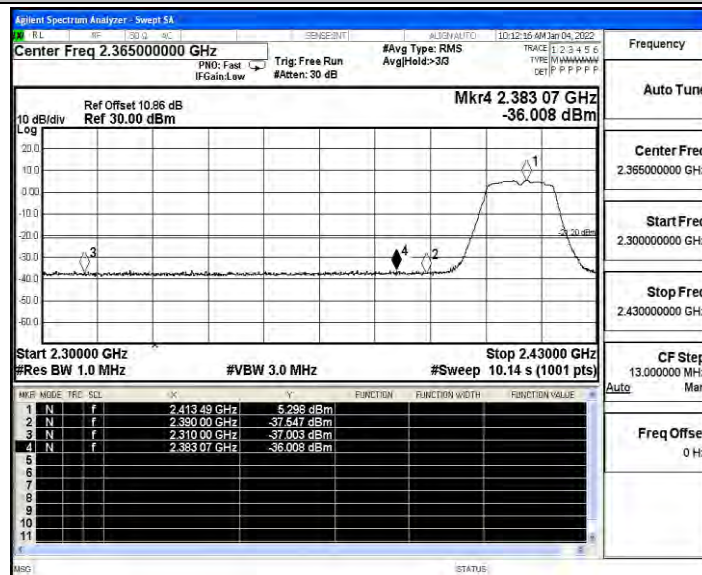
11B_Ant0_High_2462_Peak



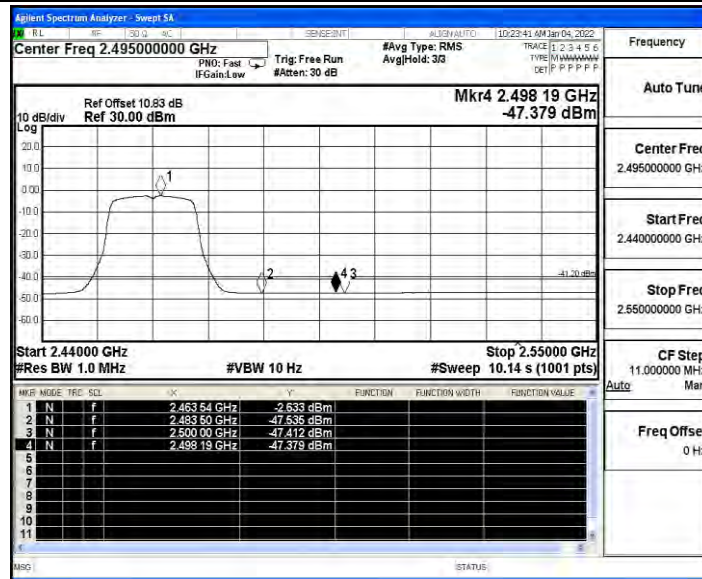
11G_Ant0_Low_2412_AV



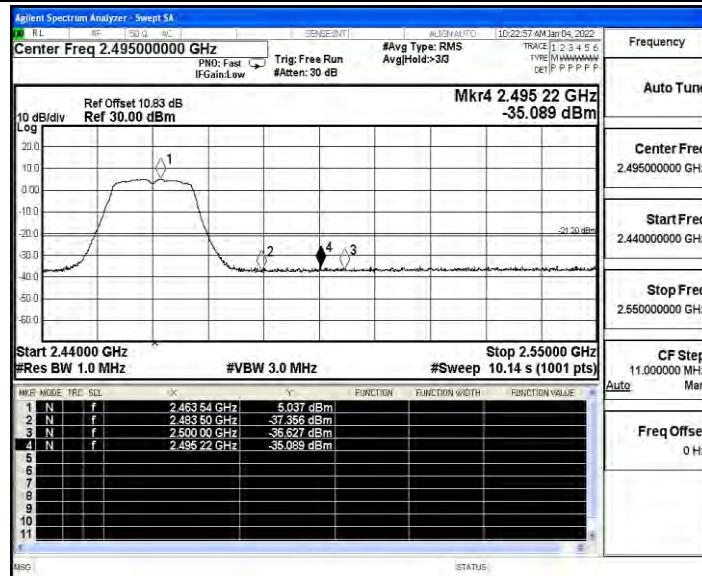
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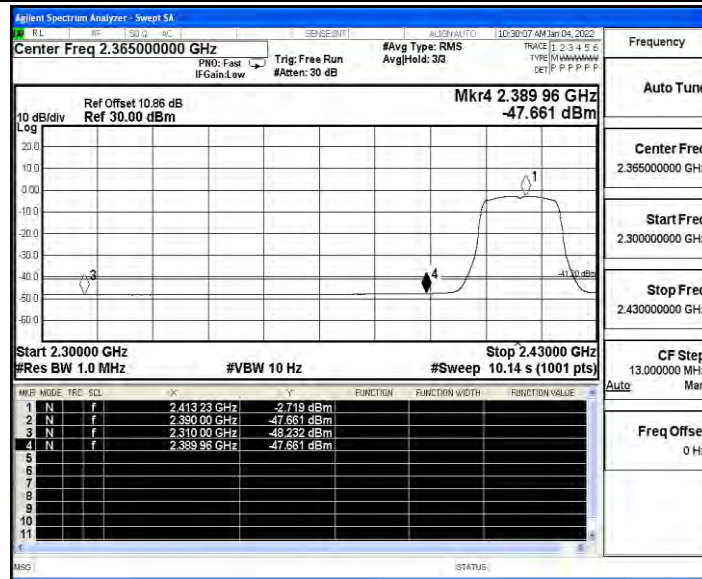
11G_Ant0_High_2462_AV



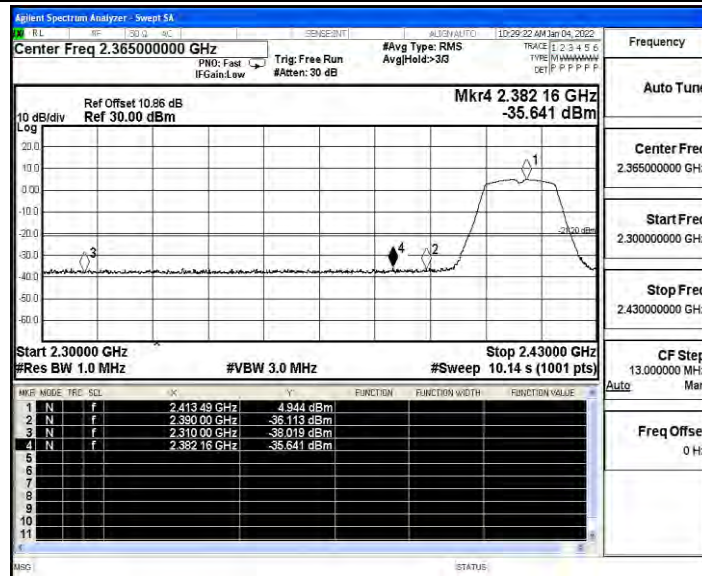
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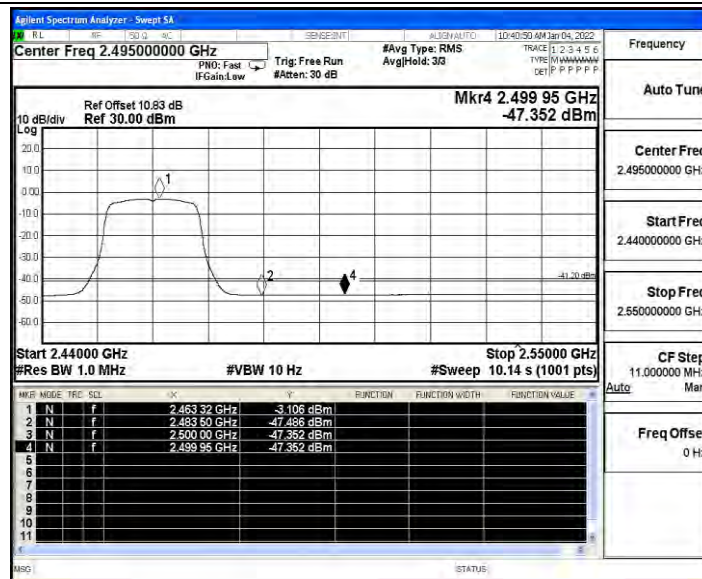
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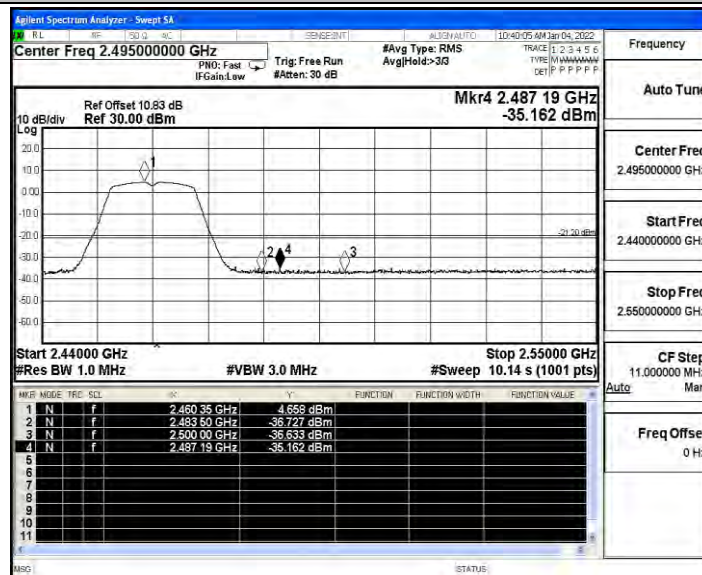
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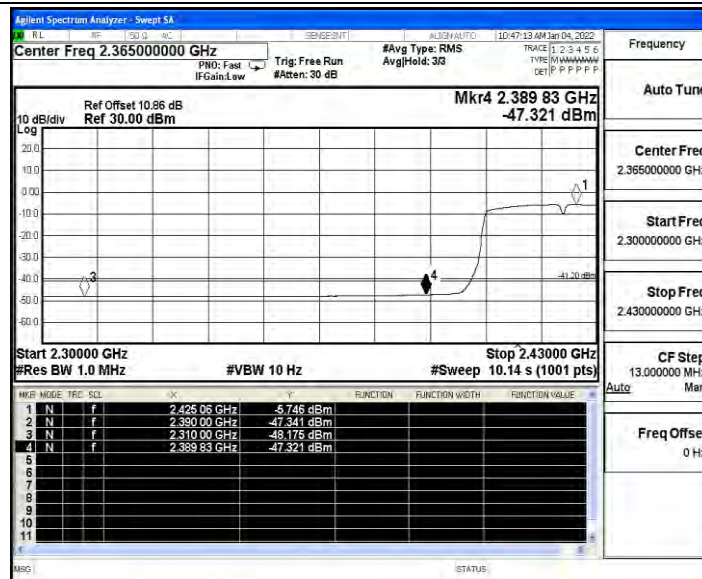
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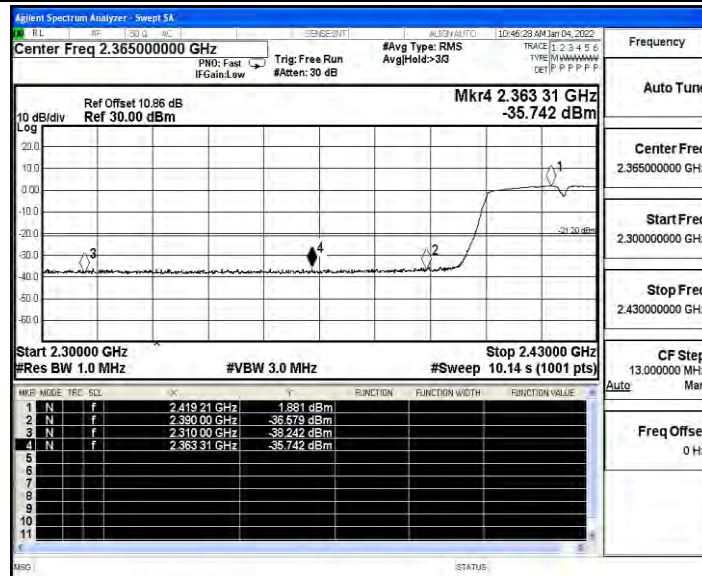
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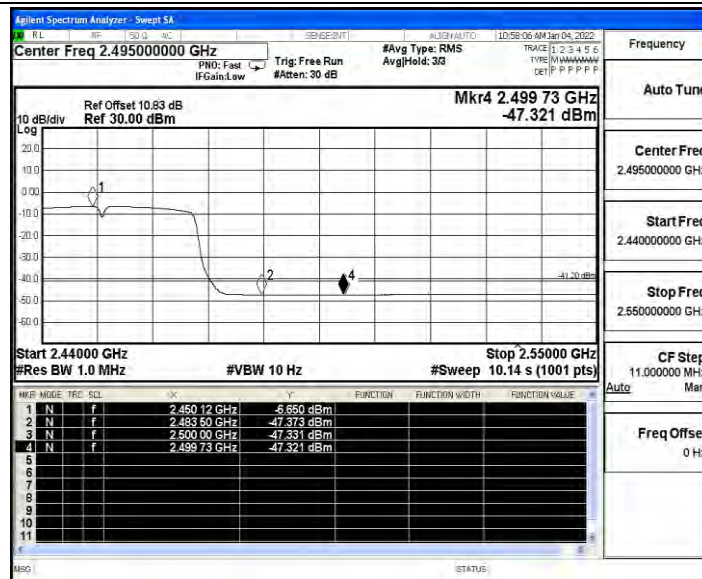
11N40SISO_Ant0_Low_2422_AV



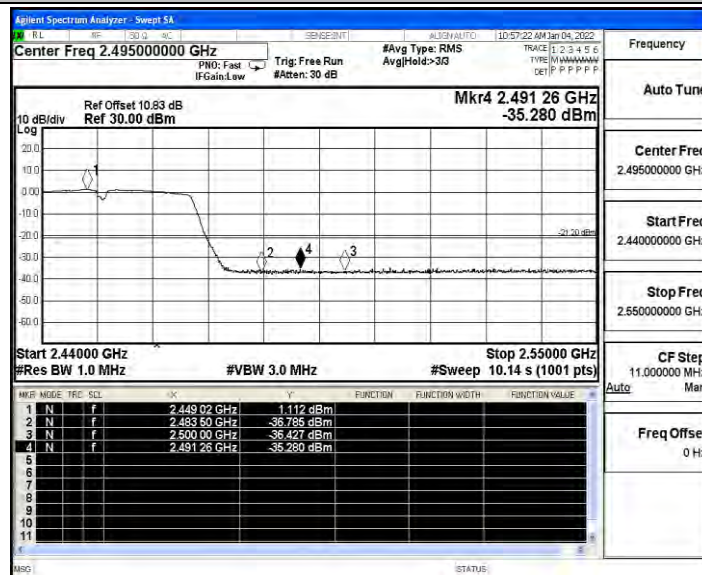
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11N40SISO_Ant0_High_2452_AV



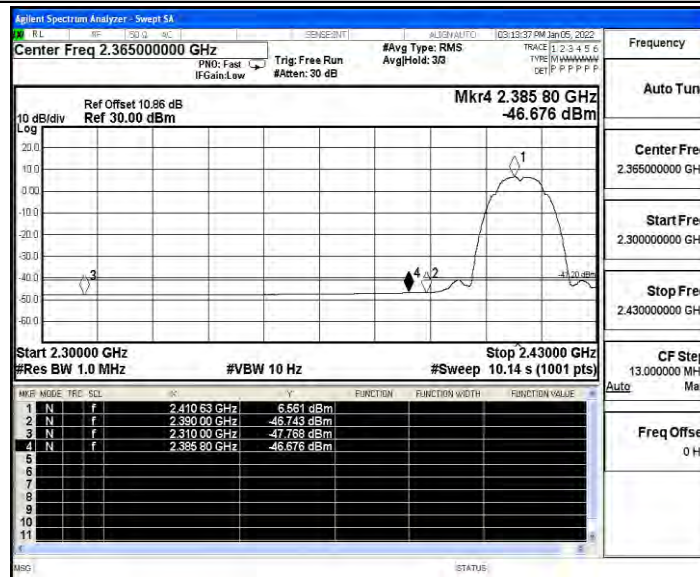
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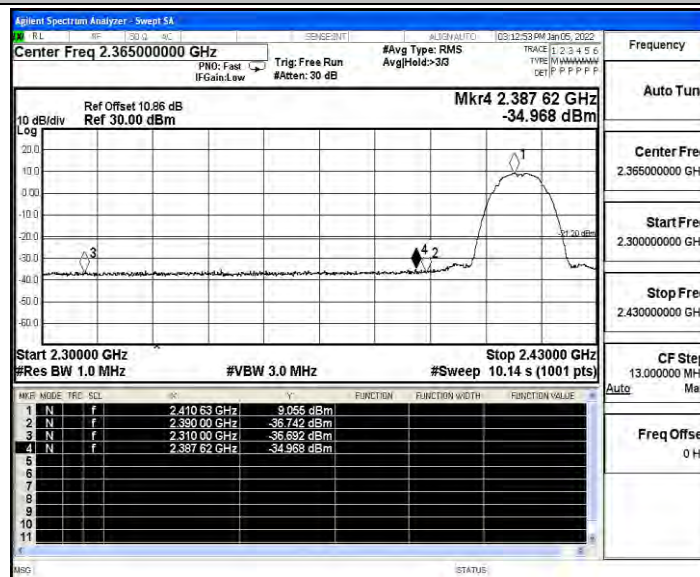


Test Graphs

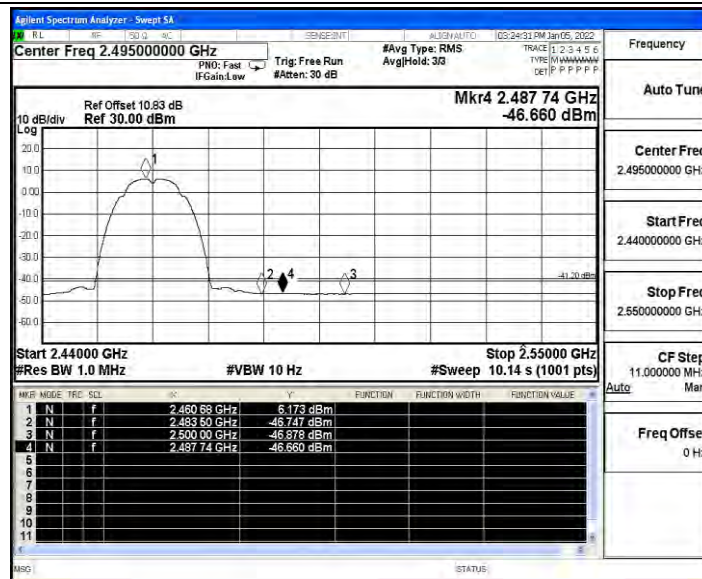
11B_Ant1_Low_2412_AV



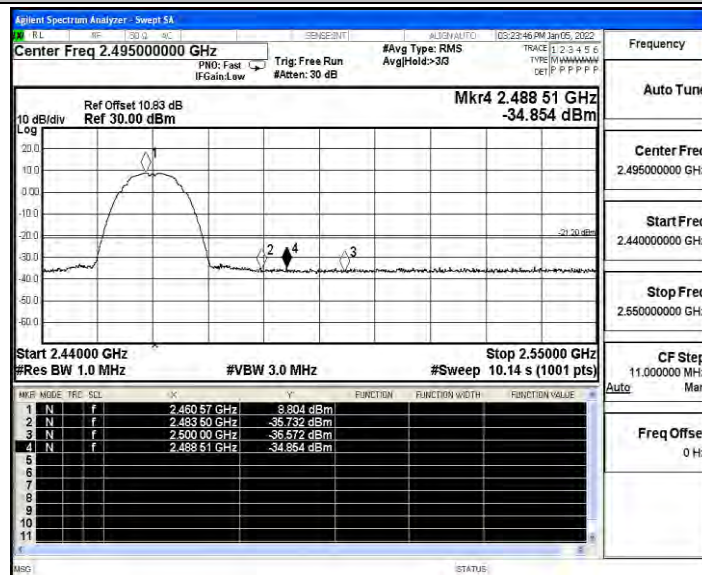
11B_Ant1_Low_2412_Peak



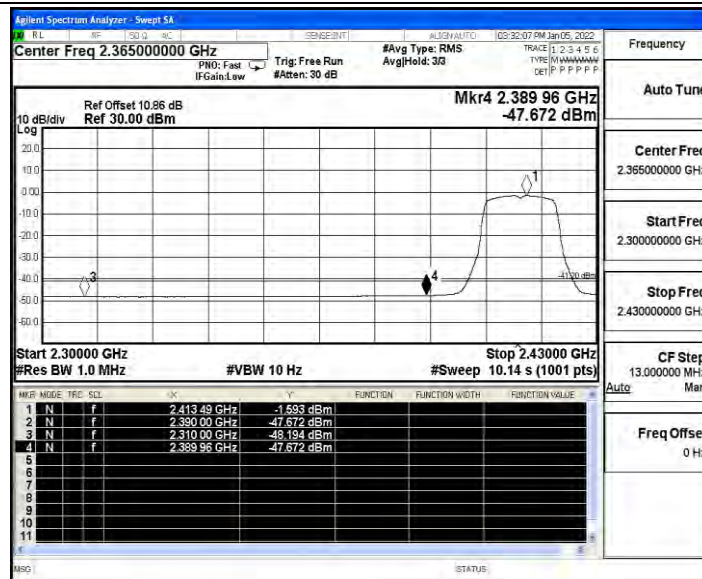
11B_Ant1_High_2462_AV



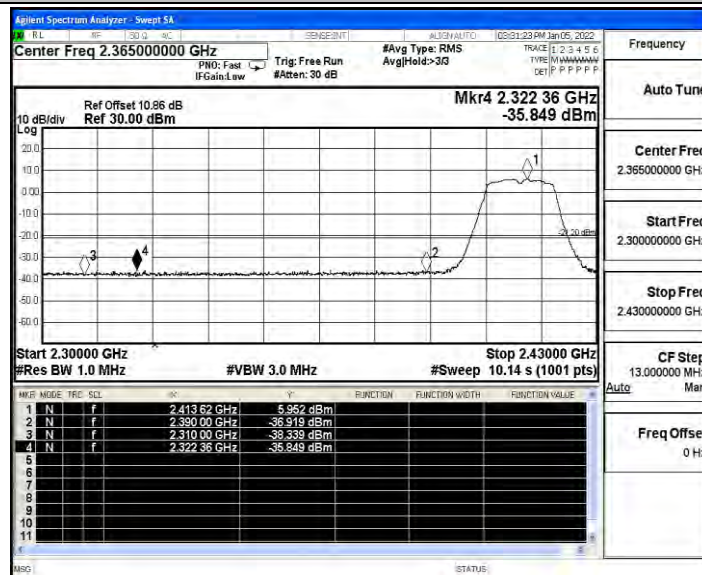
11B_Ant1_High_2462_Peak



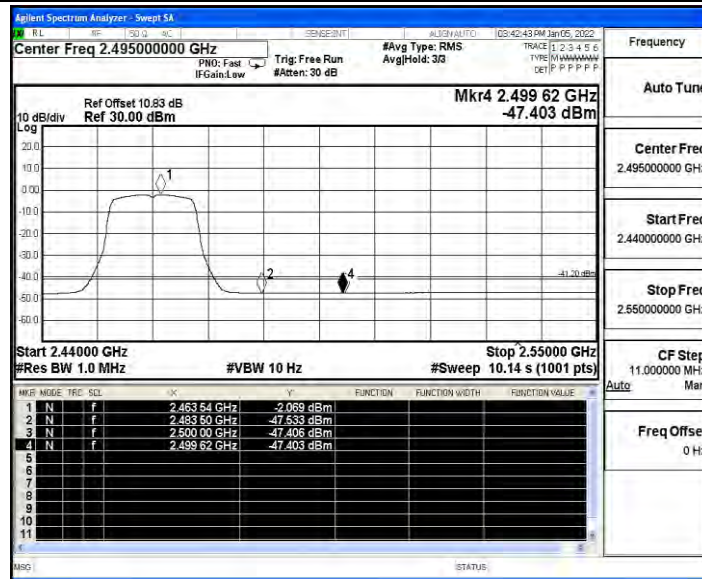
11G_Ant1_Low_2412_AV



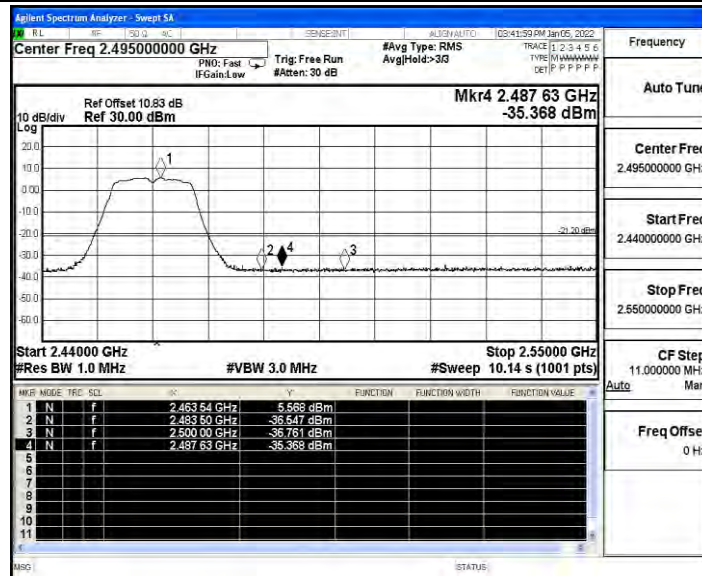
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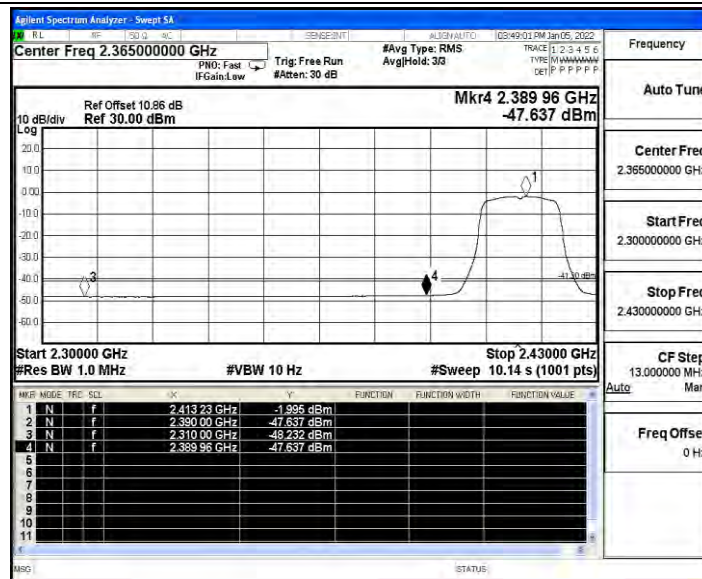
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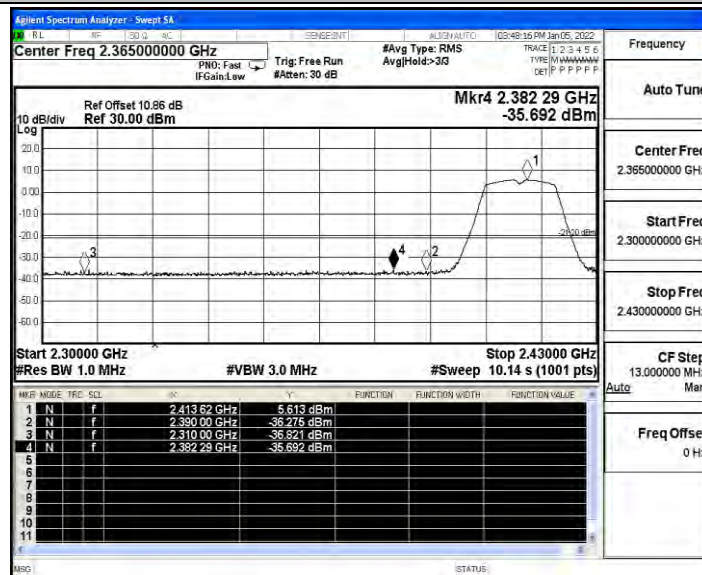
11G_Ant1_High_2462_Peak



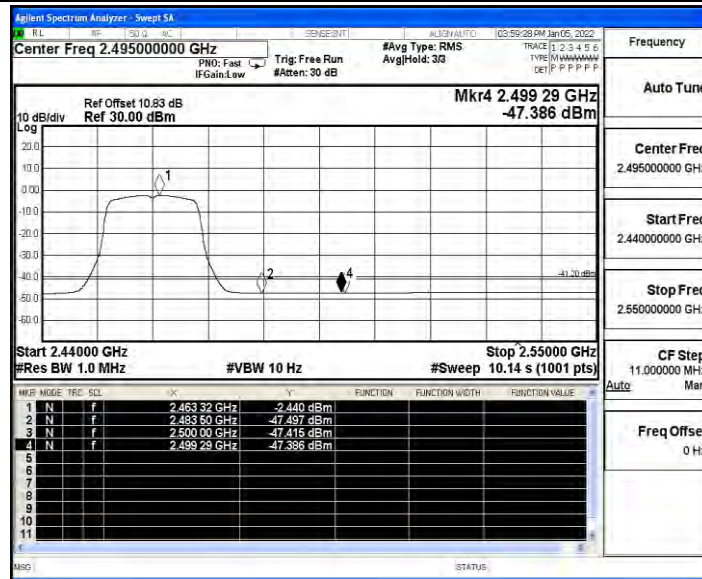
11N20SISO_Ant1_Low_2412_AV



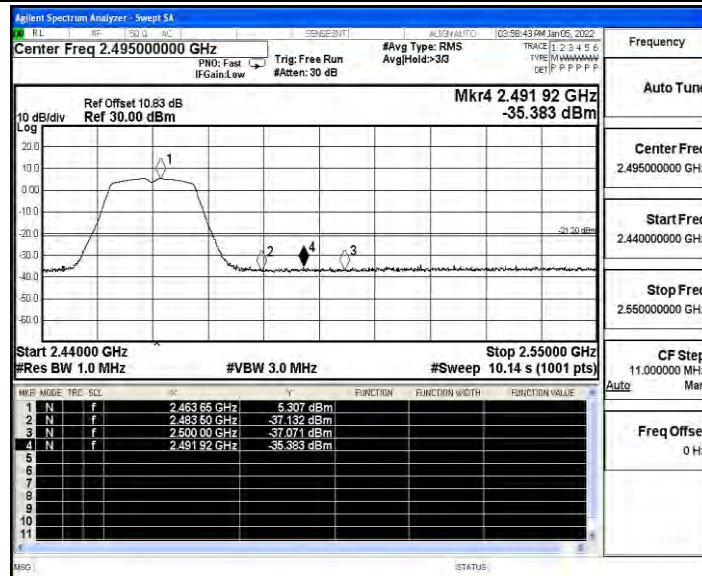
11N20SISO_Ant1_Low_2412_Peak



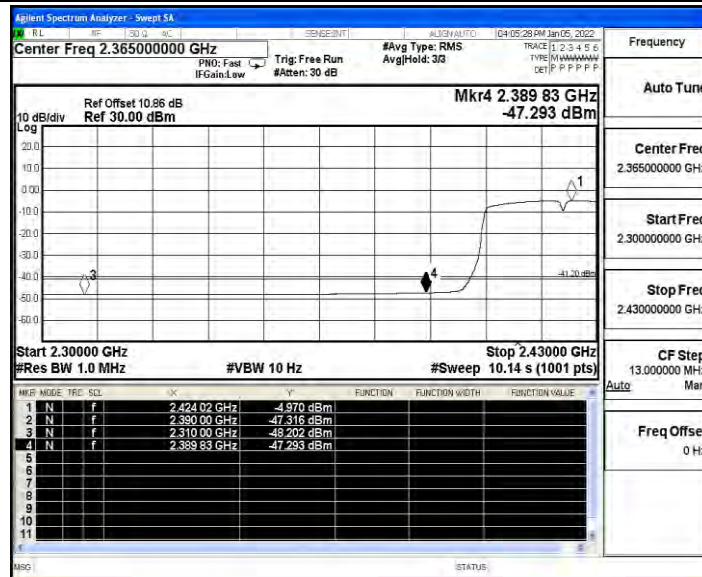
11N20SISO_Ant1_High_2462_AV



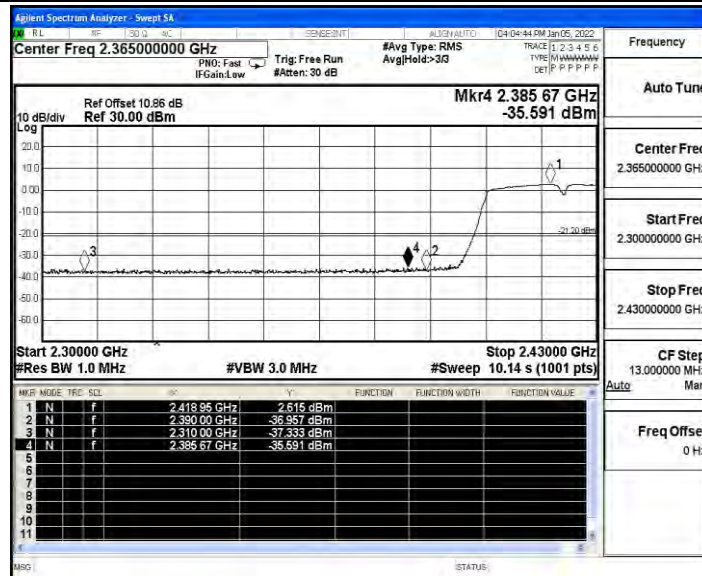
11N20ISO_Ant1_High_2462_Peak



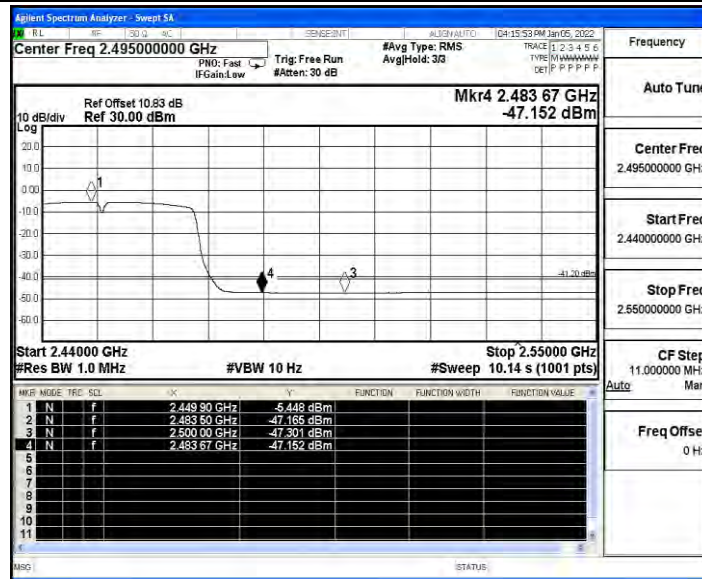
11N40ISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak

