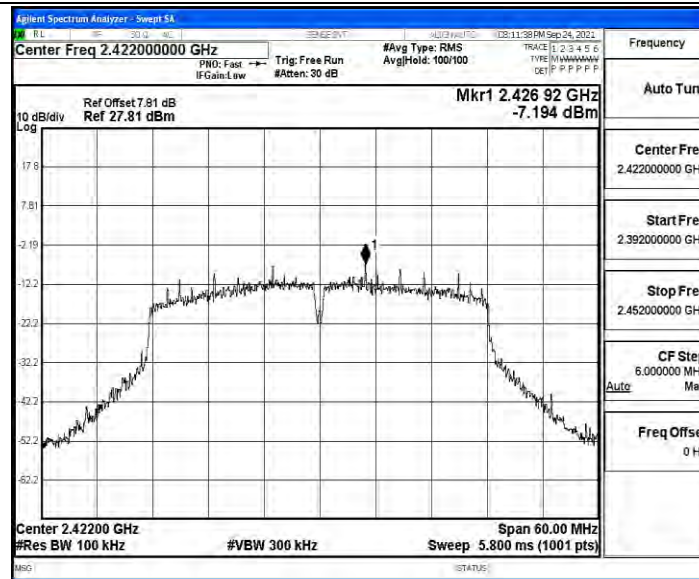
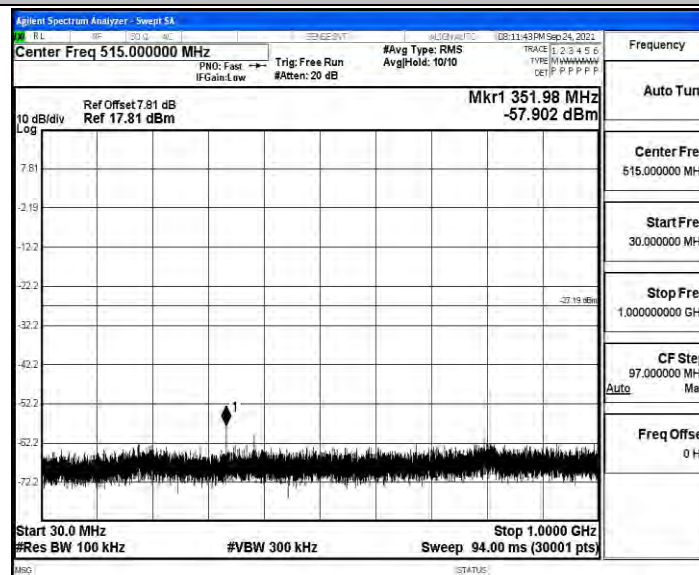
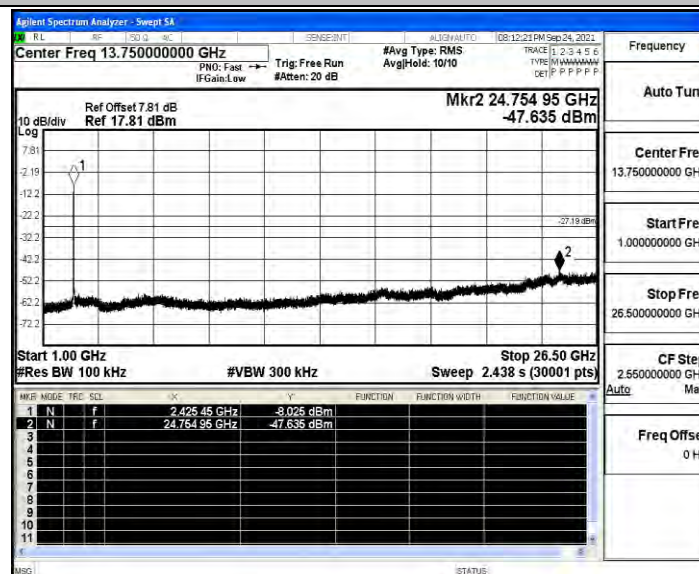




11N40SISO_Ant1_2422_30~1000

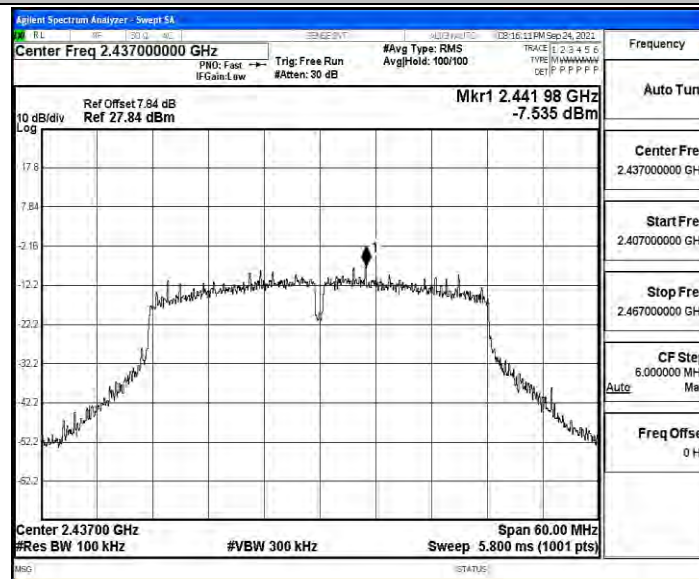


11N40SISO_Ant1_2422_1000~26500

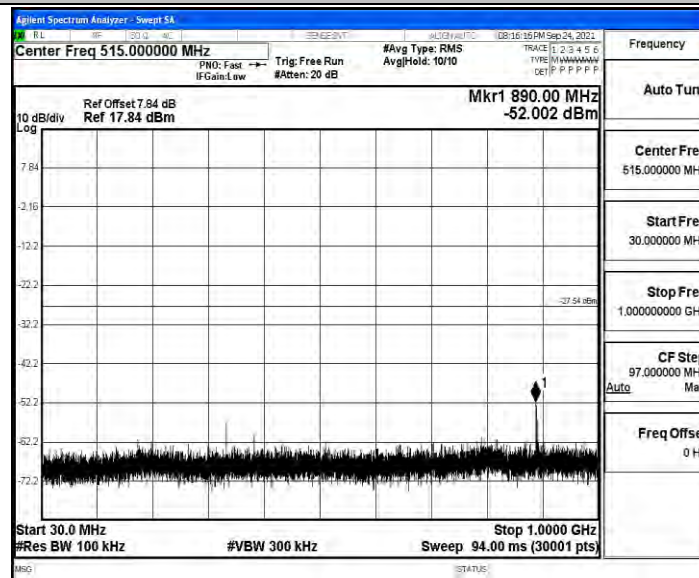




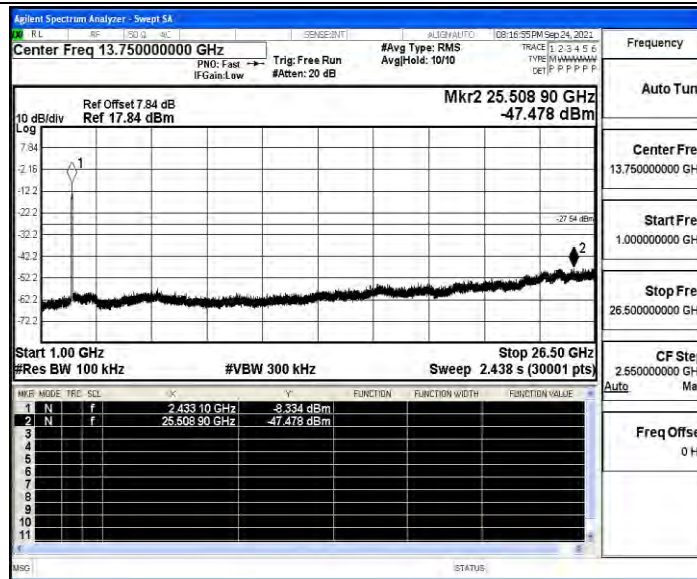
11N40SISO_Ant1_2437_0~Reference



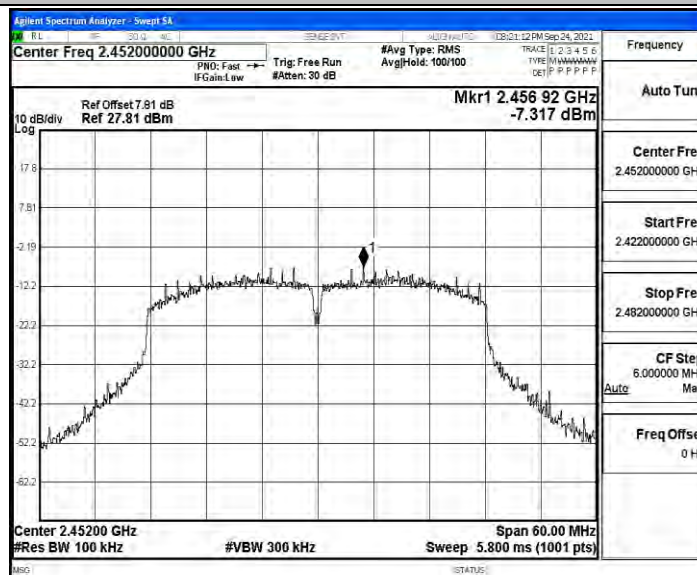
11N40SISO_Ant1_2437_30~1000



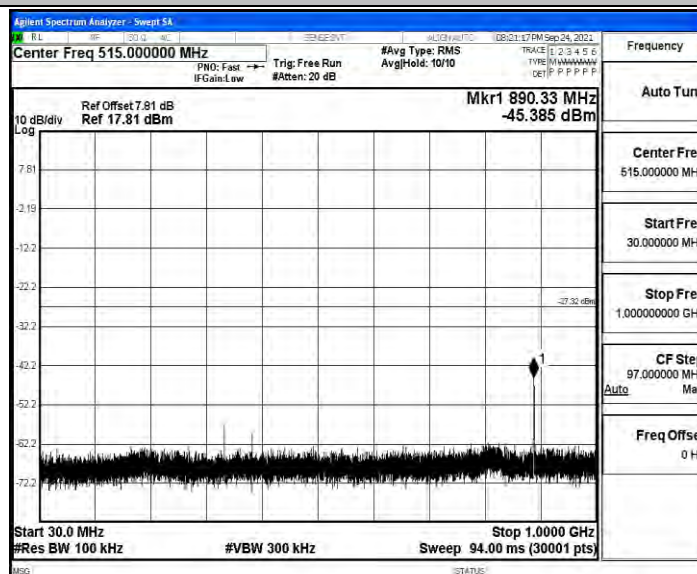
11N40SISO_Ant1_2437_1000~26500



11N40ISO_Ant1_2452_0~Reference

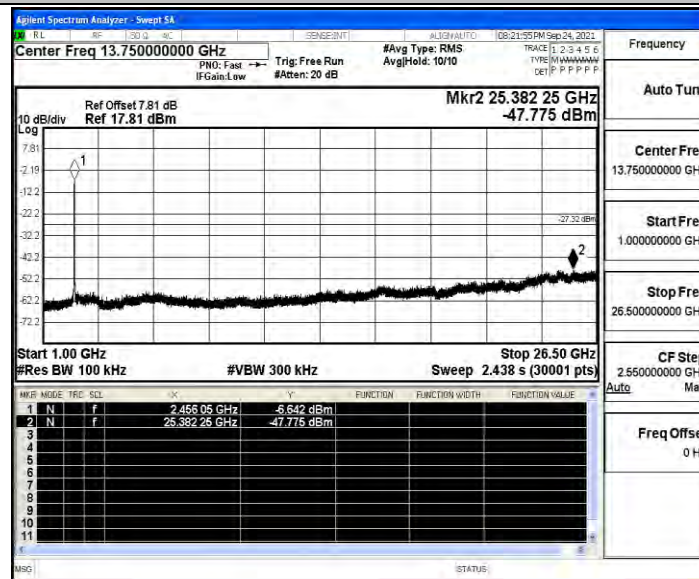


11N40ISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000~26500





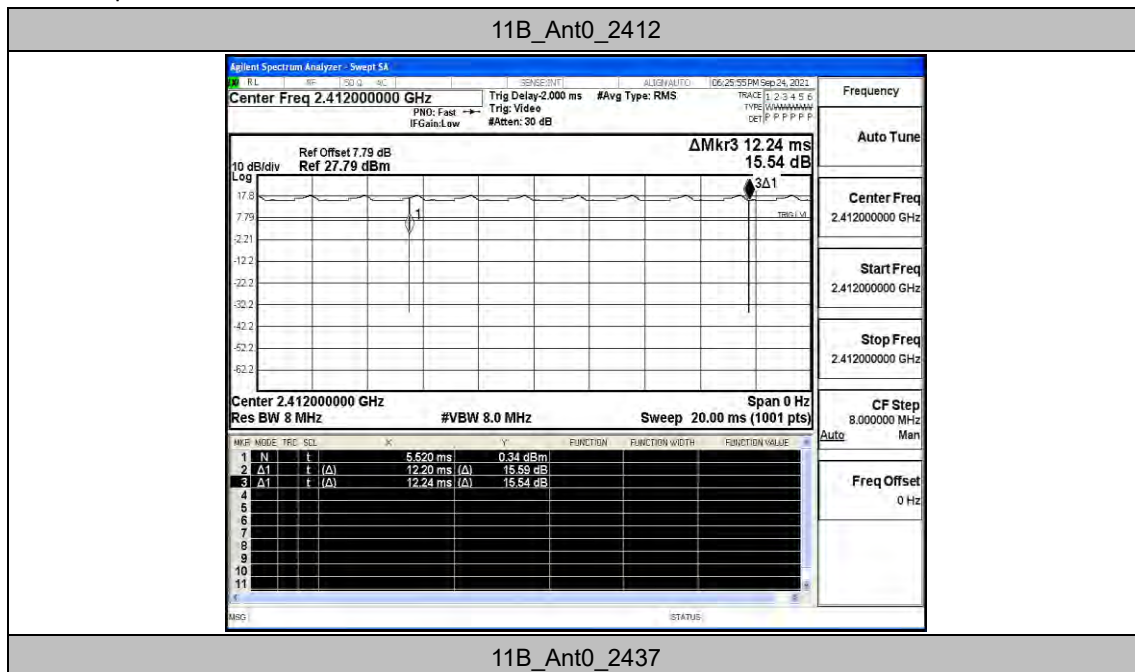
A.6 Duty Cycle

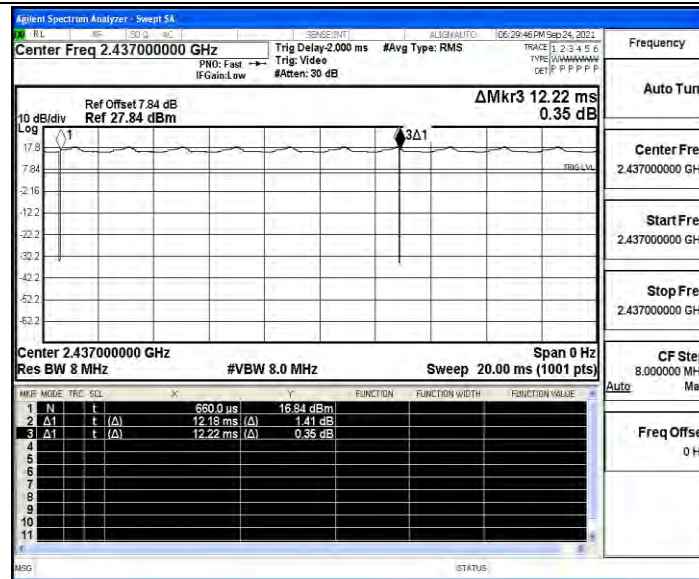
Test Result

ANT0

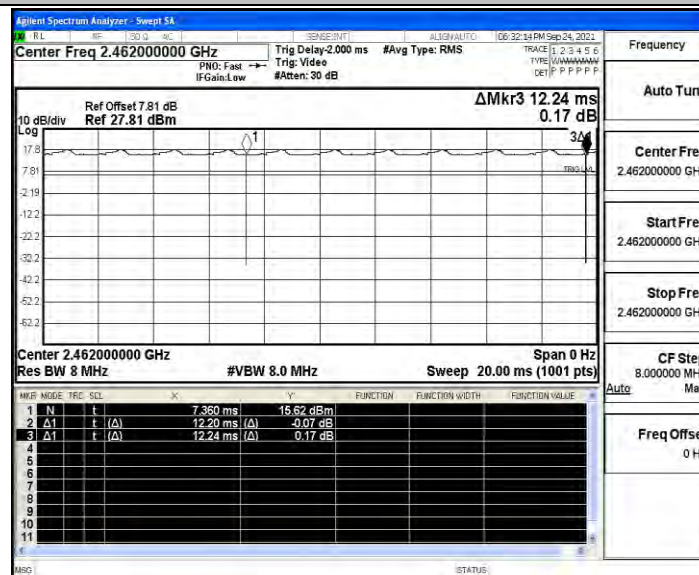
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[KHz]
11B	Ant0	2412	12.20	12.24	99.67	---
		2437	12.18	12.22	99.67	---
		2462	12.20	12.24	99.67	---
11G	Ant0	2412	2.02	2.07	97.58	0.50
		2437	2.02	2.07	97.58	0.50
		2462	2.02	2.07	97.58	0.50
11N20SISO	Ant0	2412	30.00	30.00	100.00	---
		2437	1.88	1.93	97.41	0.53
		2462	30.00	30.00	100.00	---
11N40SISO	Ant0	2422	30.00	30.00	100.00	---
		2437	0.92	0.96	95.83	1.09
		2452	30.00	30.00	100.00	---

Test Graphs

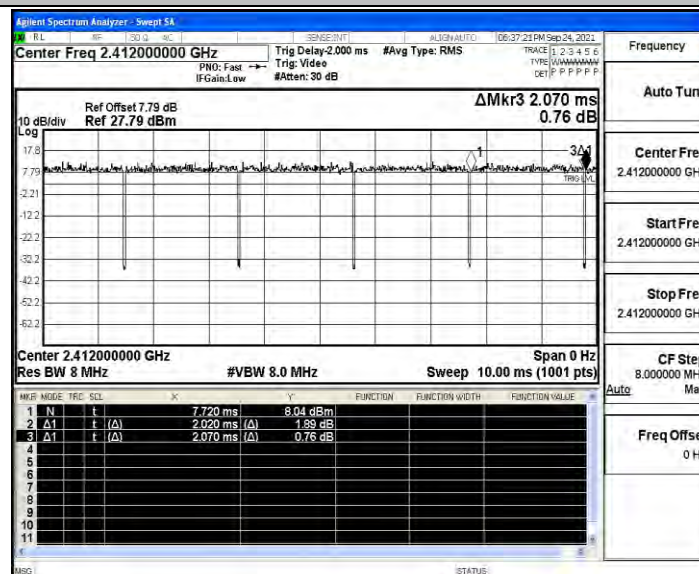




11B_Ant0_2462

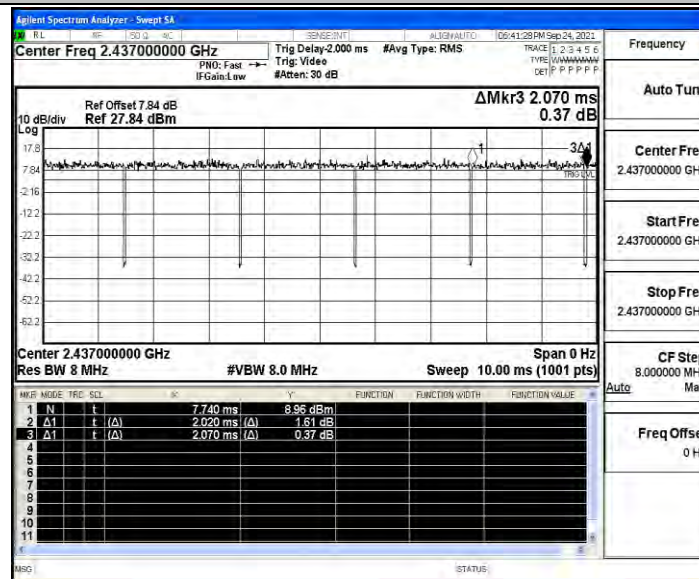


11G_Ant0_2412

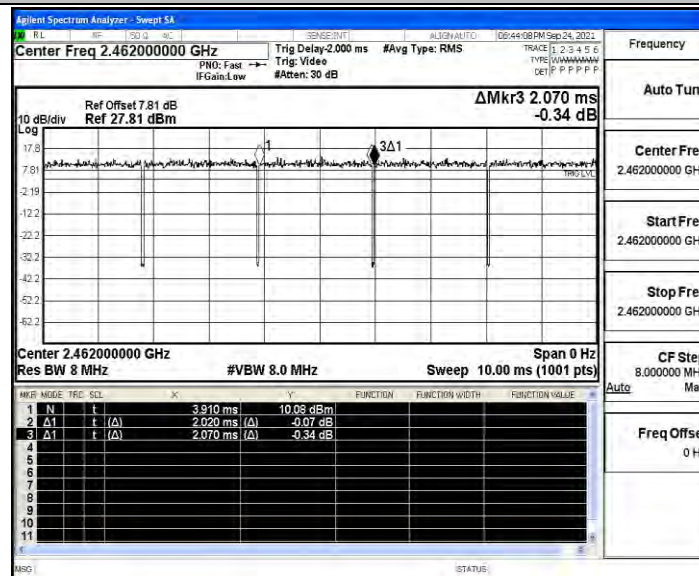




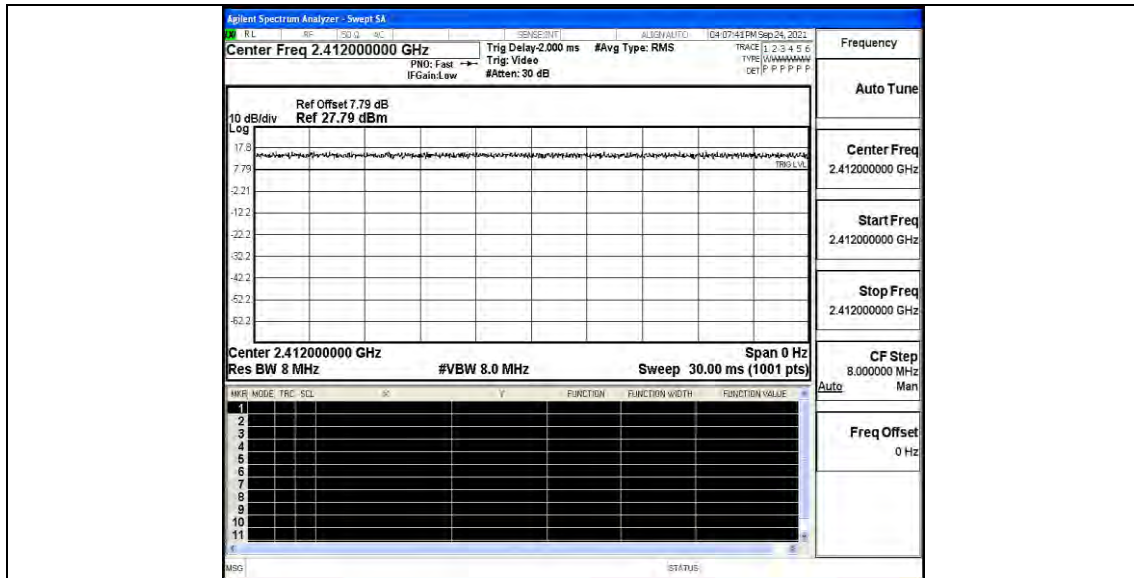
11G_Ant0_2437



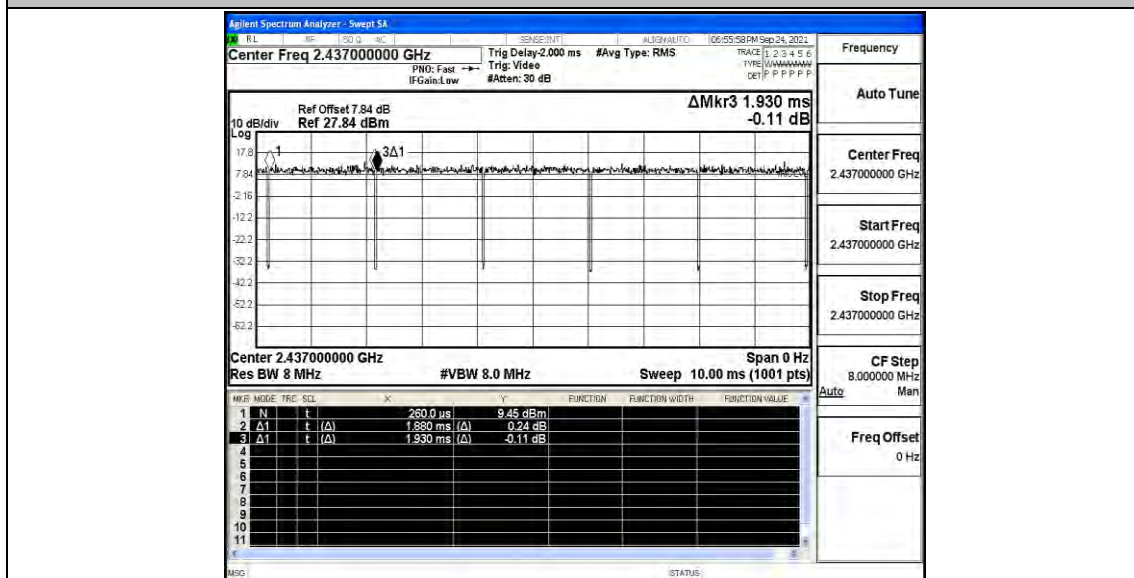
11G_Ant0_2462



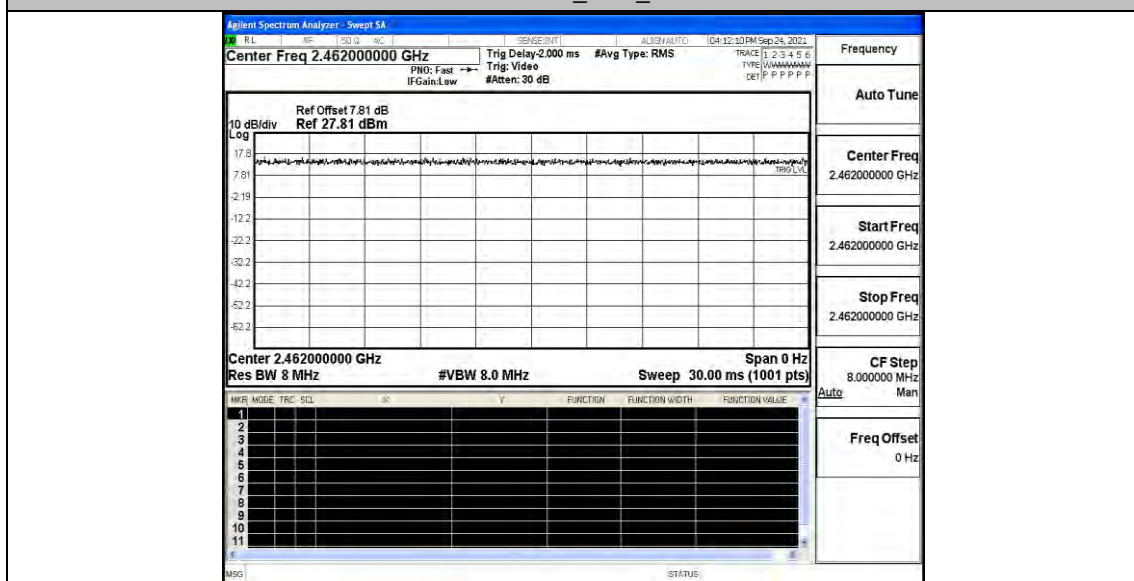
11N20SISO_Ant0_2412



11N20SISO_Ant0_2437

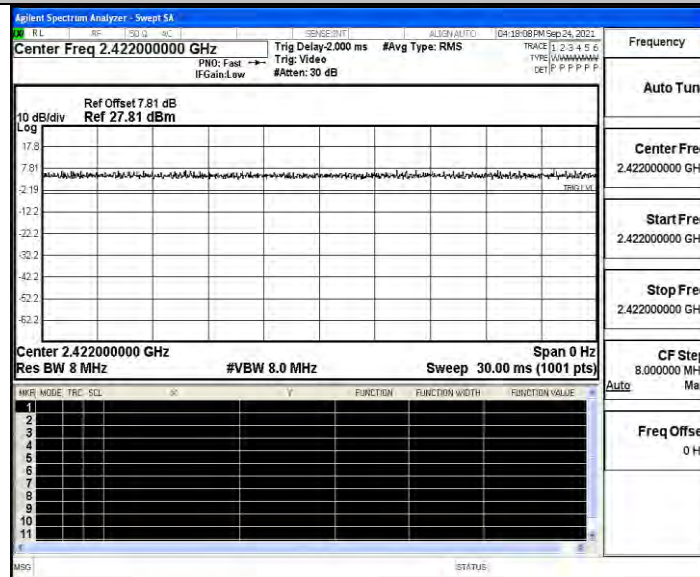


11N20SISO_Ant0_2462

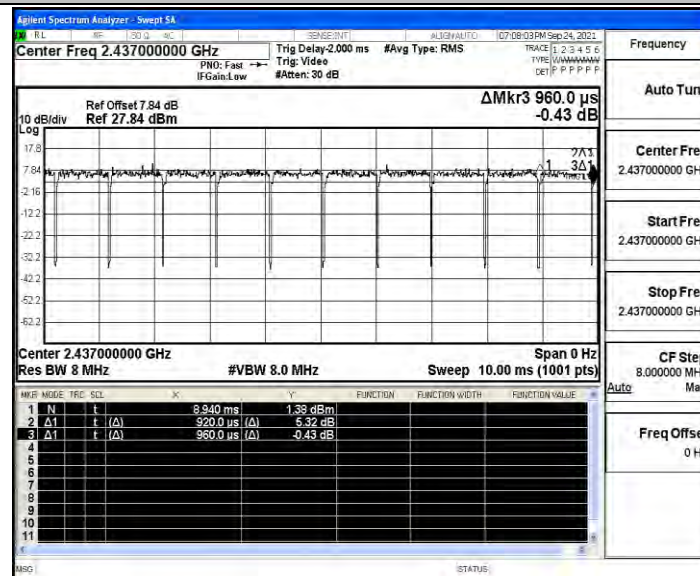




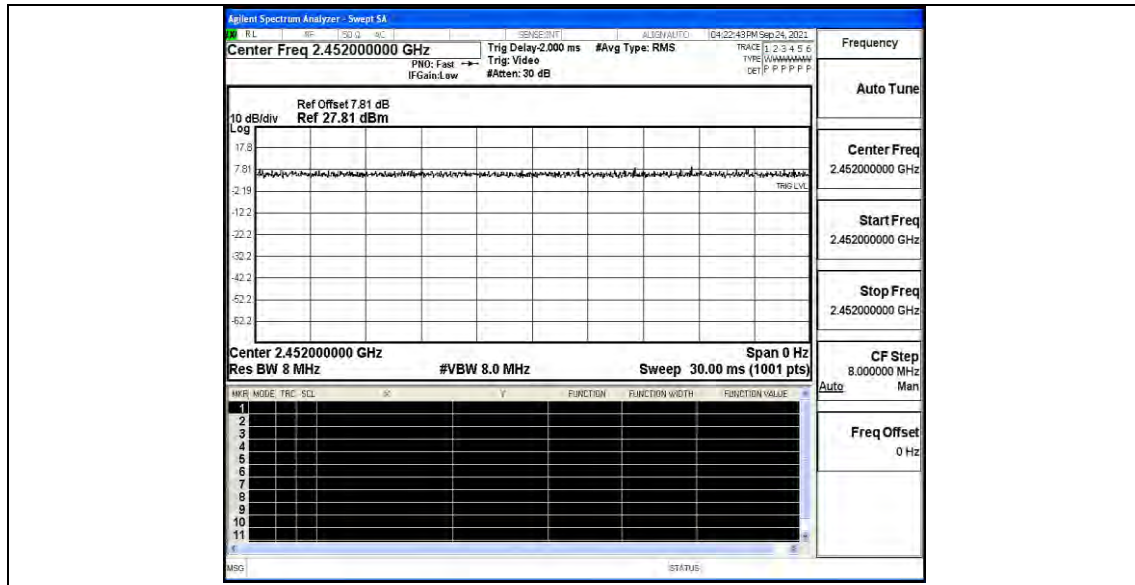
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452





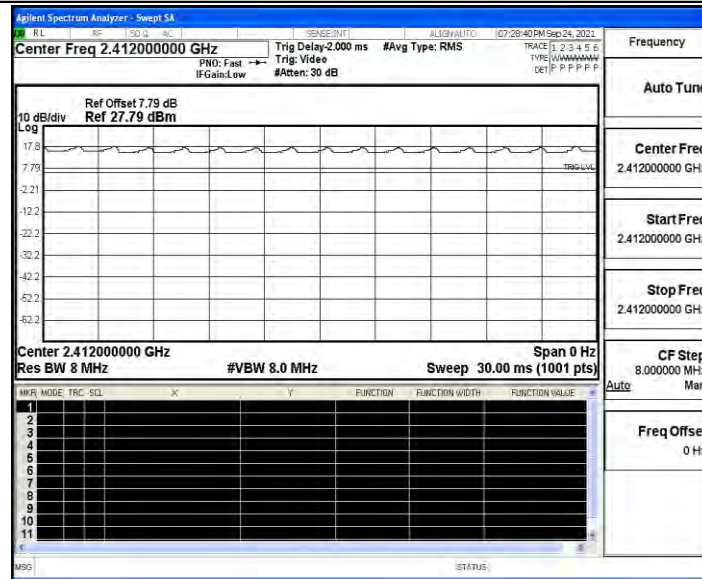
ANT1

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[KHz]
11B	Ant1	2412	30.00	30.00	100.00	---
		2437	12.18	12.24	99.51	---
		2462	12.18	12.22	99.67	---
11G	Ant1	2412	2.02	2.07	97.58	0.50
		2437	2.02	2.07	97.58	0.50
		2462	2.02	2.08	97.12	0.50
11N20SISO	Ant1	2412	2412	30.00	30.00	---
		2437	2437	1.88	1.93	0.53
		2462	2462	30.00	30.00	---
11N40SISO	Ant1	2422	2422	30.00	30.00	---
		2437	2437	0.92	0.96	1.09
		2452	2452	30.00	30.00	---

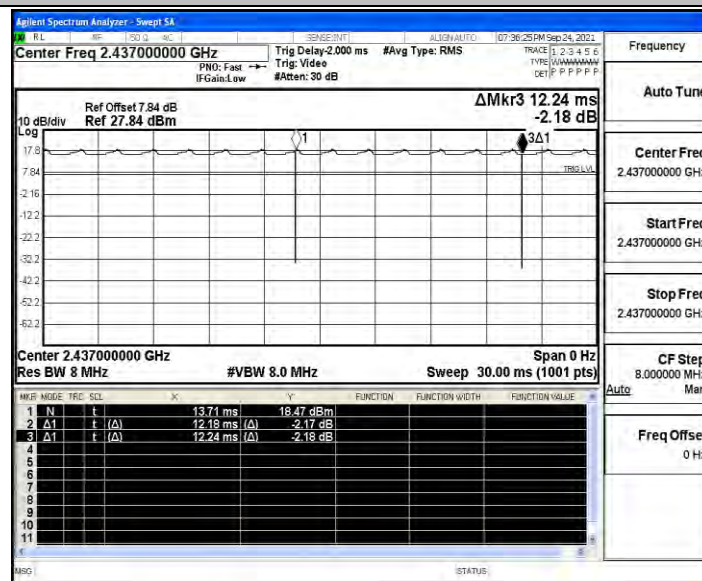


Test Graphs

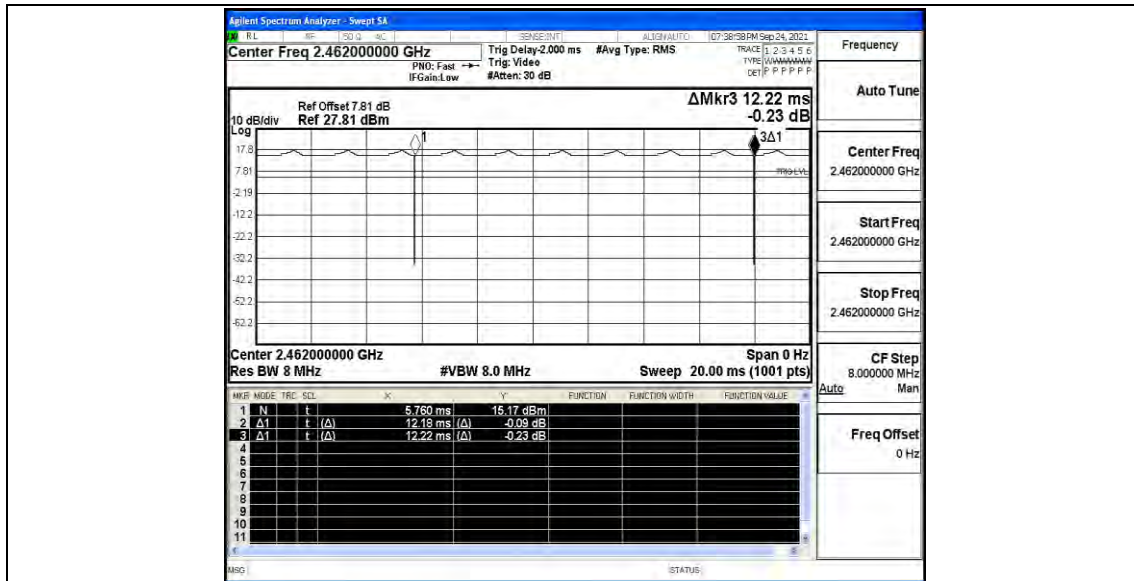
11B_Ant1_2412



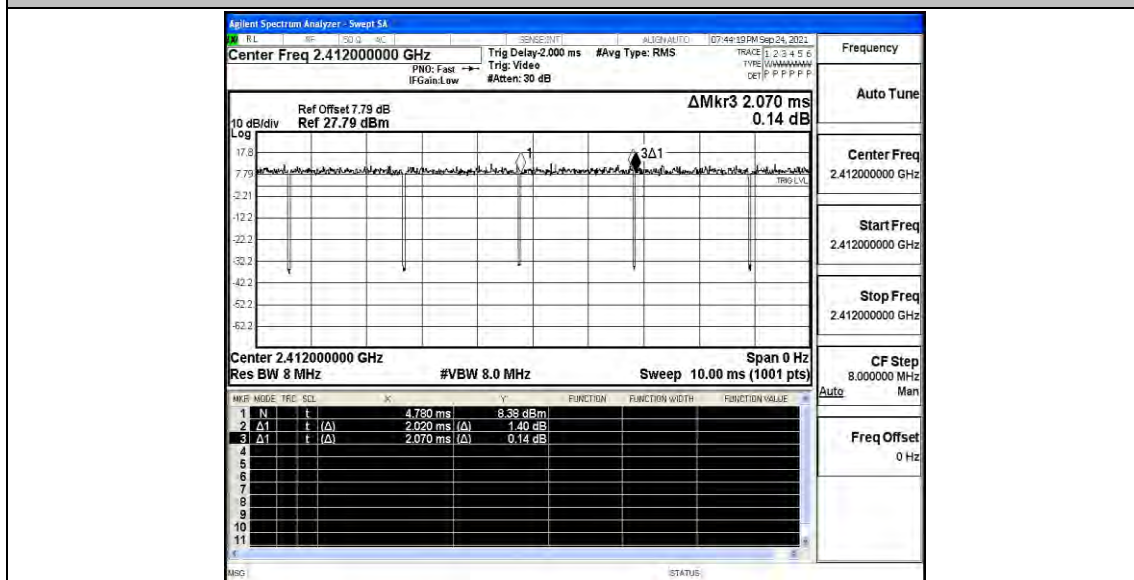
11B_Ant1_2437



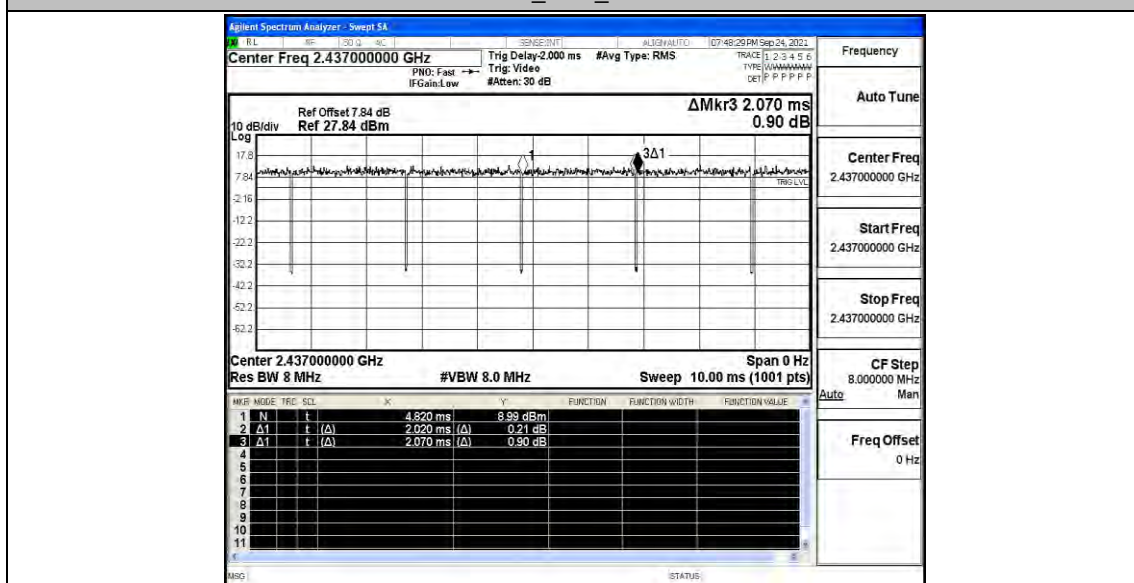
11B_Ant1_2462



11G_Ant1_2412

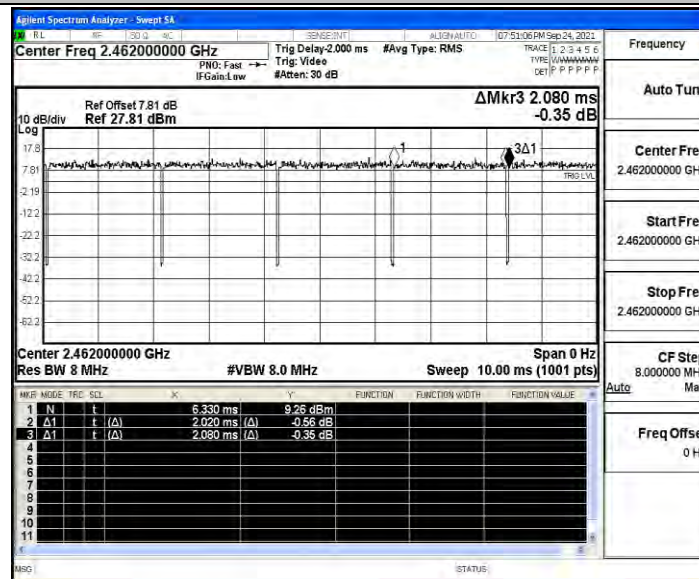


11G_Ant1_2437

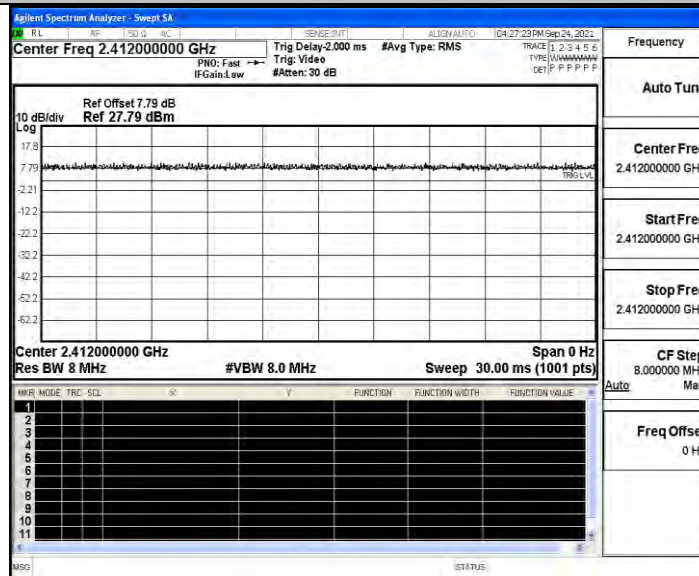




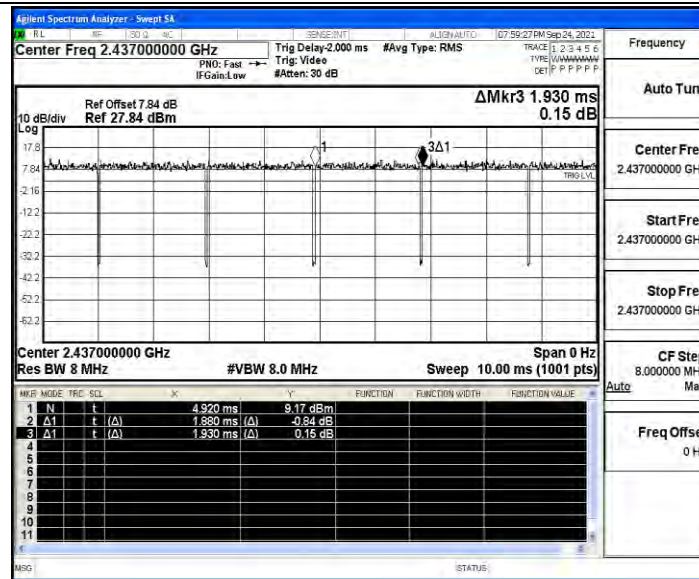
11G_Ant1_2462



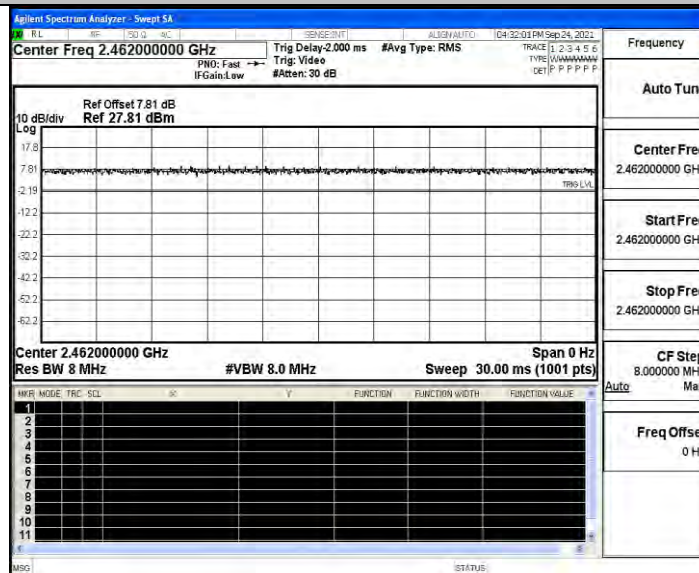
11N20SISO_Ant1_2412



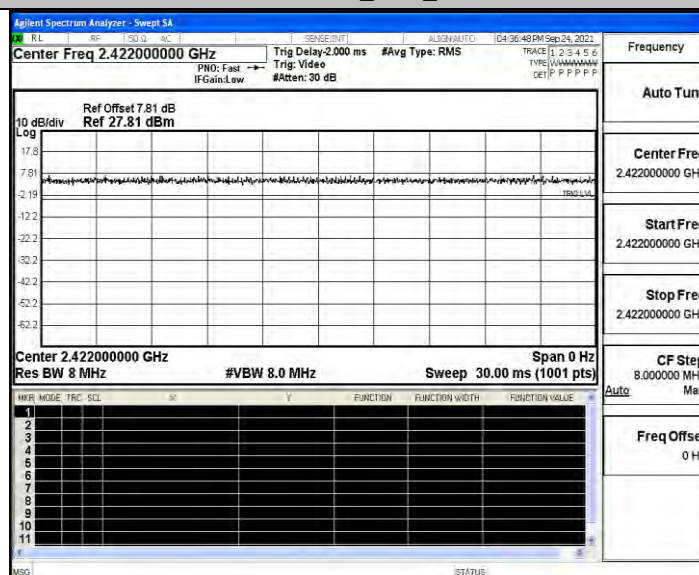
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

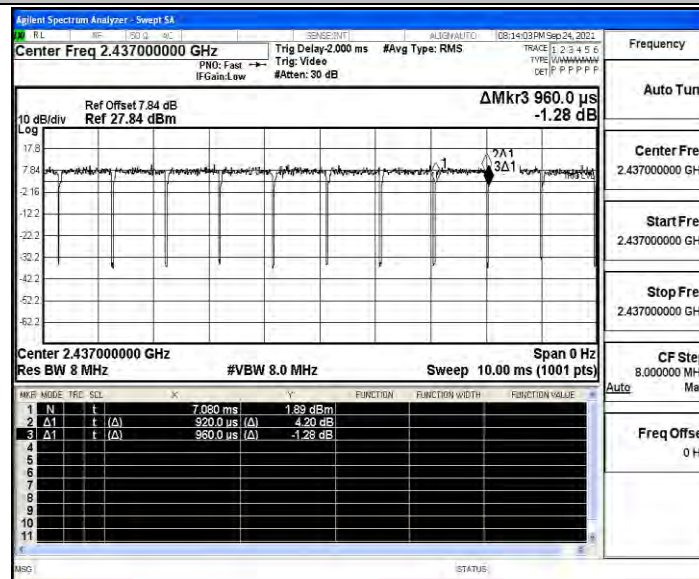


11N40SISO_Ant1_2422

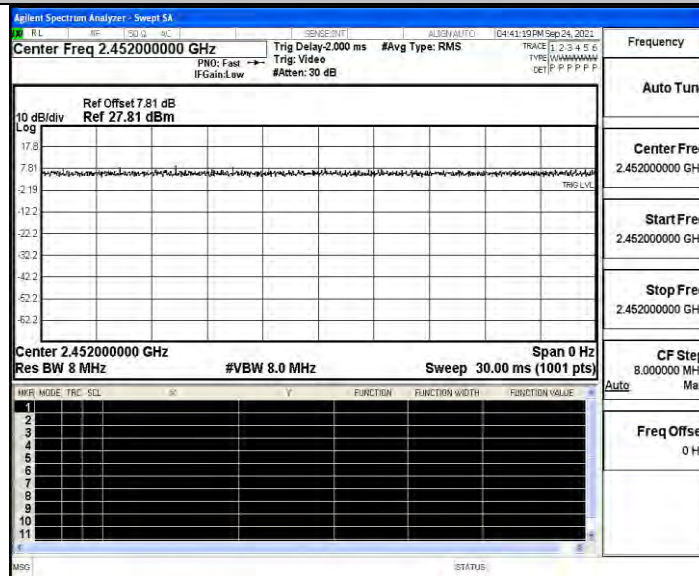




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





A.7 Emissions in Restricted Bands

Test Result

ANT0

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	Low	2412	AV	2310.000	-49.36	≤-41.20	45.84	≤54	PASS
				AV	2386.320	-47.61	≤-41.20	47.59	≤54	PASS
				AV	2390.000	-47.69	≤-41.20	47.51	≤54	PASS
				Peak	2310.000	-43.2	≤-21.20	52.00	≤74	PASS
				Peak	2386.450	-39.39	≤-21.20	55.81	≤74	PASS
				Peak	2390.000	-42.99	≤-21.20	52.21	≤74	PASS
		High	2462	AV	2483.500	-46.37	≤-41.20	48.83	≤54	PASS
				AV	2483.560	-46.53	≤-41.20	48.67	≤54	PASS
				AV	2500.000	-48.14	≤-41.20	47.06	≤54	PASS
				Peak	2483.500	-41.62	≤-21.20	53.58	≤74	PASS
				Peak	2489.610	-40.35	≤-21.20	54.85	≤74	PASS
				Peak	2500.000	-44.67	≤-21.20	50.53	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-49.06	≤-41.20	46.14	≤54	PASS
				AV	2389.830	-48.38	≤-41.20	46.82	≤54	PASS
				AV	2390.000	-48.42	≤-41.20	46.78	≤54	PASS
				Peak	2310.000	-42.3	≤-21.20	52.90	≤74	PASS
				Peak	2385.930	-38.58	≤-21.20	56.62	≤74	PASS
				Peak	2390.000	-41.23	≤-21.20	53.97	≤74	PASS
		High	2462	AV	2483.500	-47.57	≤-41.20	47.63	≤54	PASS
				AV	2483.560	-47.57	≤-41.20	47.63	≤54	PASS
				AV	2500.000	-47.79	≤-41.20	47.41	≤54	PASS
				Peak	2483.500	-40.16	≤-21.20	55.04	≤74	PASS
				Peak	2490.380	-39.03	≤-21.20	56.17	≤74	PASS
				Peak	2500.000	-39.14	≤-21.20	56.06	≤74	PASS
11N20SISO	Ant0	Low	2412	AV	2310.000	-59.05	≤-41.20	36.15	≤54	PASS
				AV	2389.960	-55.01	≤-41.20	40.19	≤54	PASS
				AV	2390.000	-55.01	≤-41.20	40.19	≤54	PASS
				Peak	2310.000	-53.22	≤-21.20	41.98	≤74	PASS
				Peak	2389.700	-40.89	≤-21.20	54.31	≤74	PASS
				Peak	2390.000	-45.46	≤-21.20	49.74	≤74	PASS
		High	2462	AV	2483.500	-55	≤-41.20	40.20	≤54	PASS
				AV	2487.960	-51.81	≤-41.20	43.39	≤54	PASS
				AV	2500.000	-58.08	≤-41.20	37.12	≤54	PASS
				Peak	2483.500	-51.74	≤-21.20	43.46	≤74	PASS
				Peak	2487.740	-45.56	≤-21.20	49.64	≤74	PASS
				Peak	2500.000	-53.58	≤-21.20	41.62	≤74	PASS



11N40SISO	Ant0	Low	2422	AV	2310.000	-59.07	≤-41.20	36.13	≤54	PASS
				AV	2389.960	-57.72	≤-41.20	37.48	≤54	PASS
				AV	2390.000	-57.72	≤-41.20	37.48	≤54	PASS
				Peak	2310.000	-52.96	≤-21.20	42.24	≤74	PASS
				Peak	2366.690	-49.21	≤-21.20	45.99	≤74	PASS
				Peak	2390.000	-51.76	≤-21.20	43.44	≤74	PASS
		High	2452	AV	2483.500	-53.94	≤-41.20	41.26	≤54	PASS
				AV	2483.560	-53.97	≤-41.20	41.23	≤54	PASS
				AV	2500.000	-58.05	≤-41.20	37.15	≤54	PASS
				Peak	2483.500	-49.33	≤-21.20	45.87	≤74	PASS
				Peak	2487.080	-44.78	≤-21.20	50.42	≤74	PASS
				Peak	2500.000	-53.04	≤-21.20	42.16	≤74	PASS

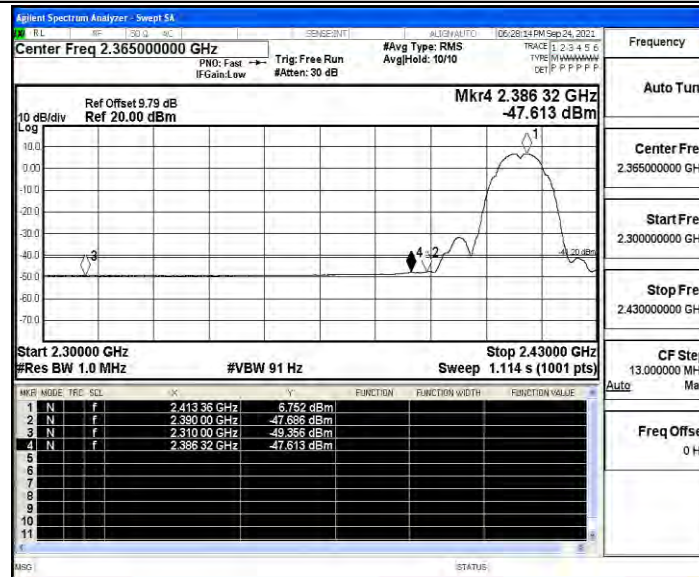
Note:

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.

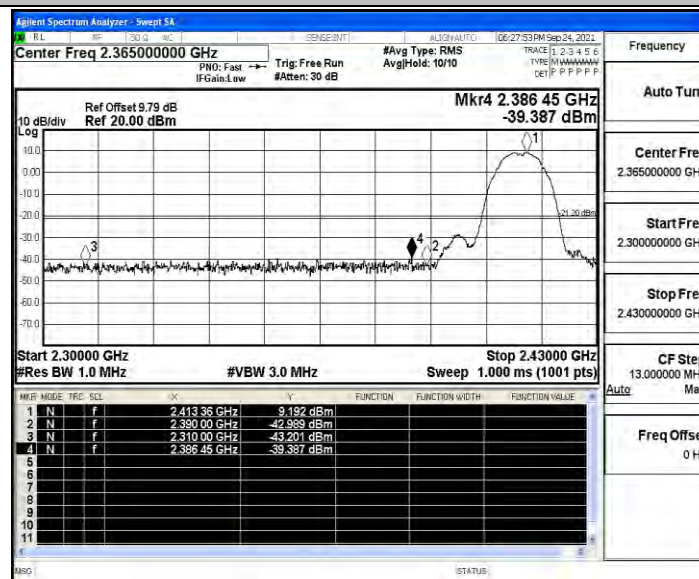


Test Graphs

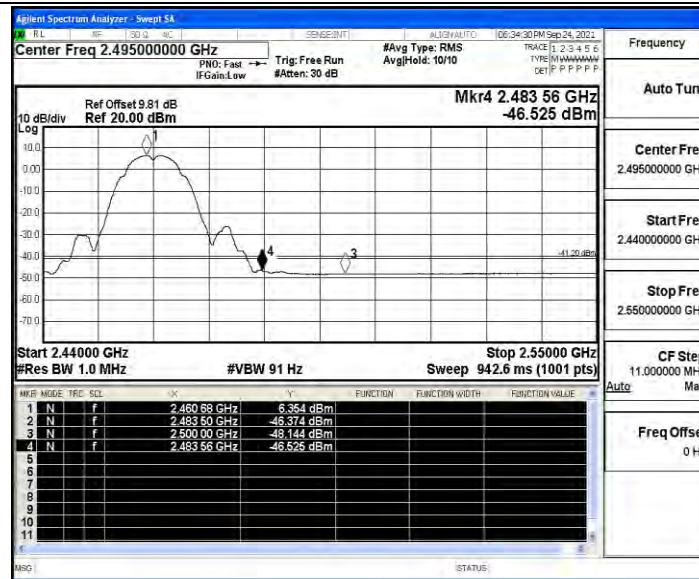
11B_Ant0_Low_2412_AV



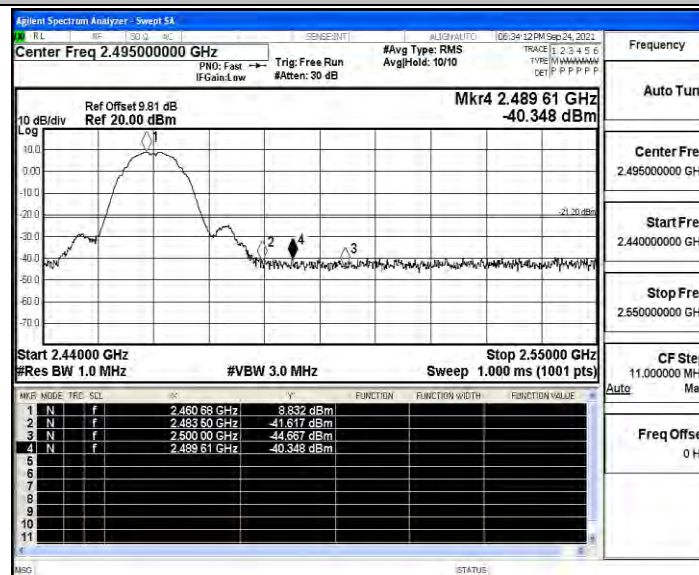
11B_Ant0_Low_2412_Peak



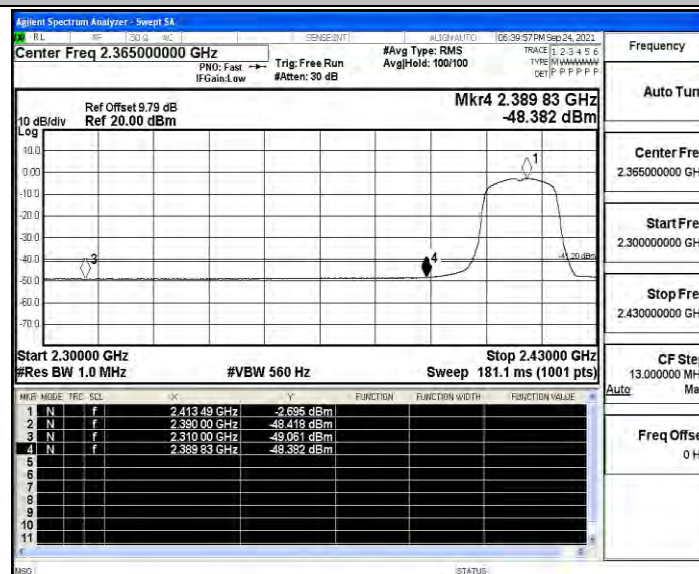
11B_Ant0_High_2462_AV



11B_Ant0_High_2462_Peak

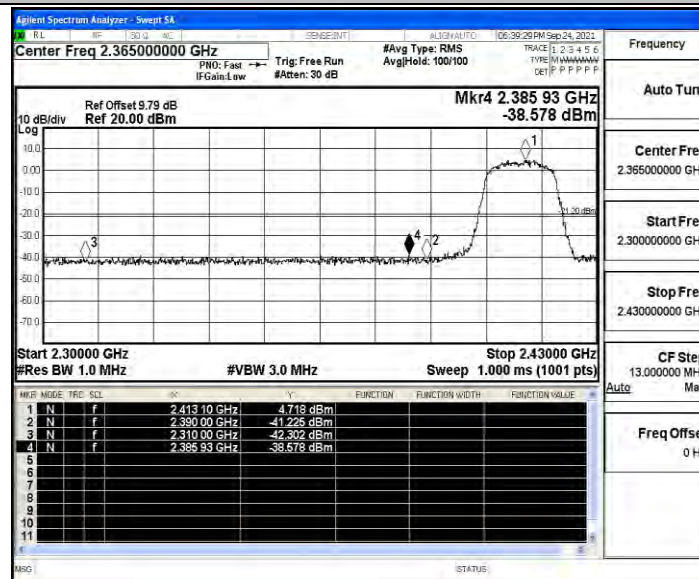


11G_Ant0_Low_2412_AV

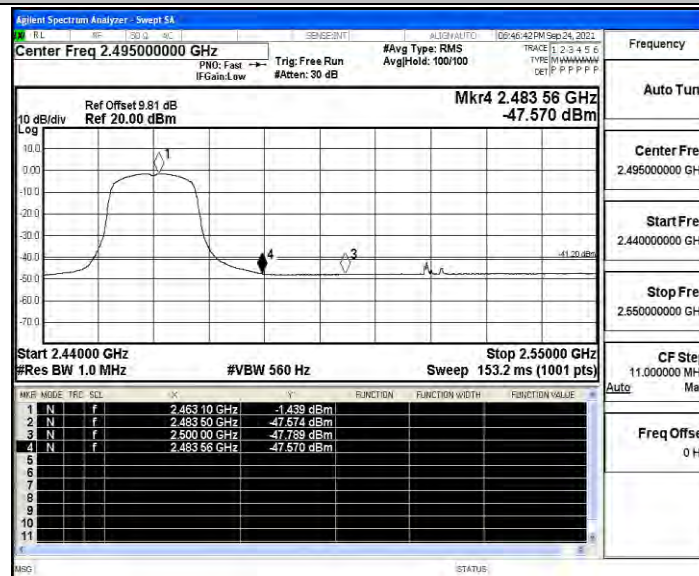




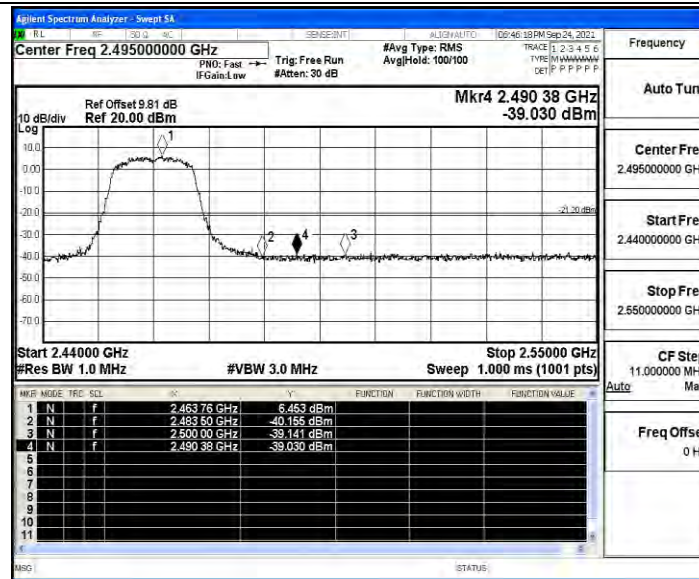
11G_Ant0_Low_2412_Peak



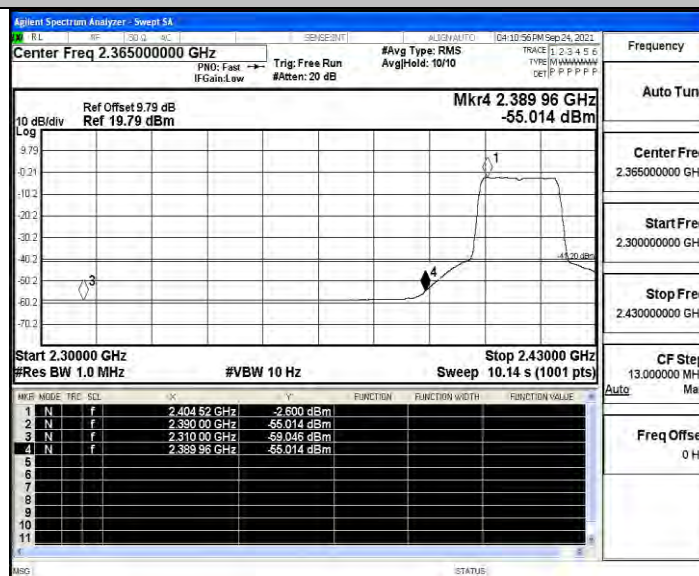
11G_Ant0_High_2462_AV



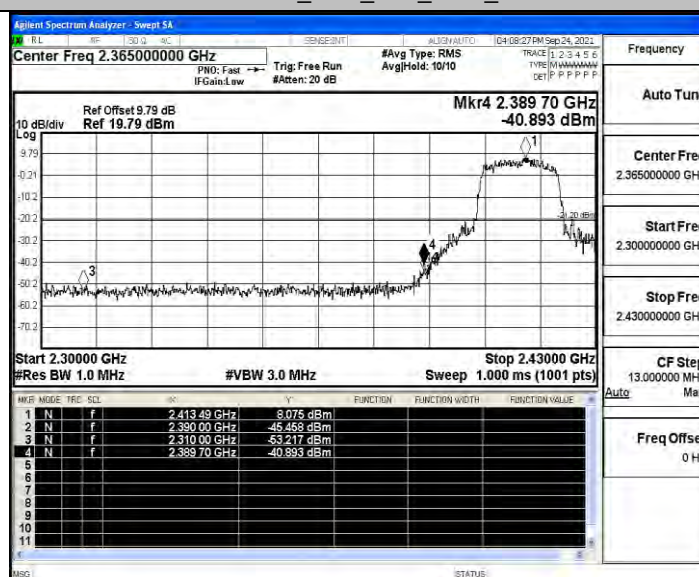
11G_Ant0_High_2462_Peak



11N20SISO_Ant0_Low_2412_AV

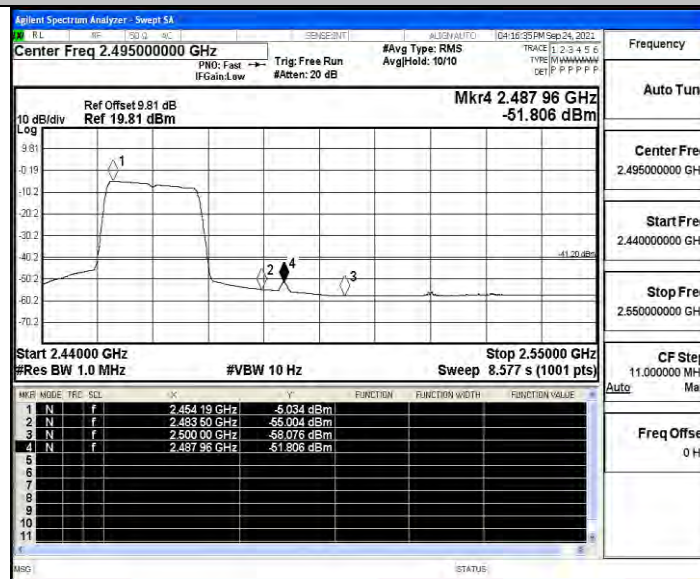


11N20SISO_Ant0_Low_2412_Peak

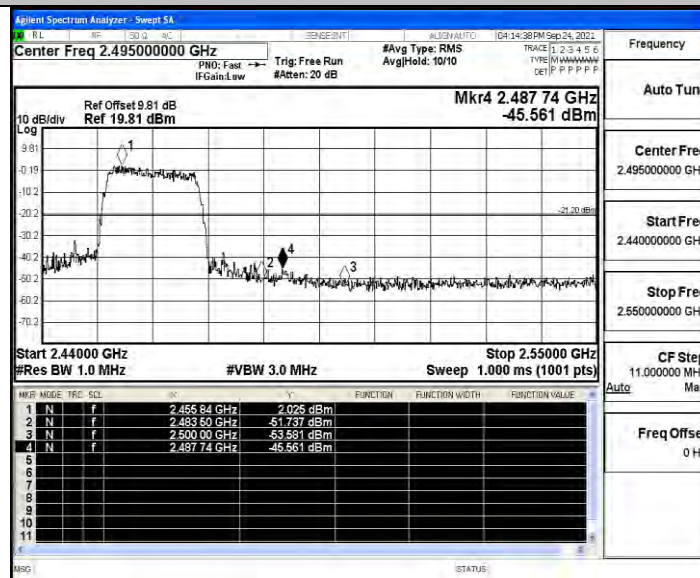




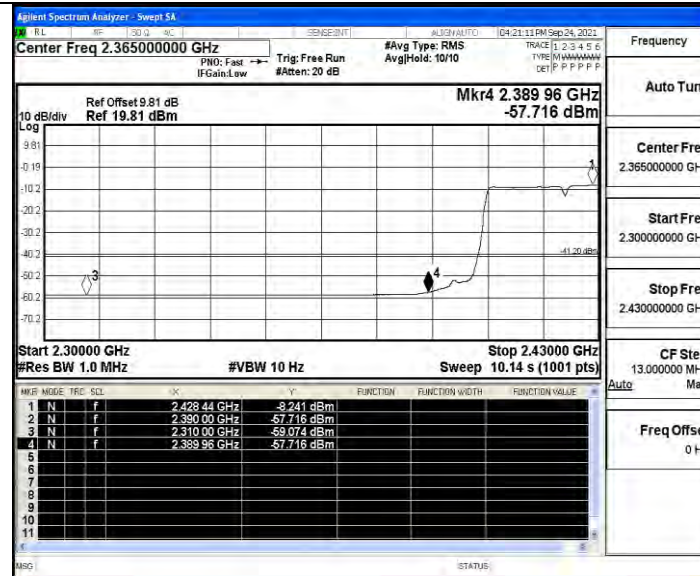
11N20SISO_Ant0_High_2462_AV



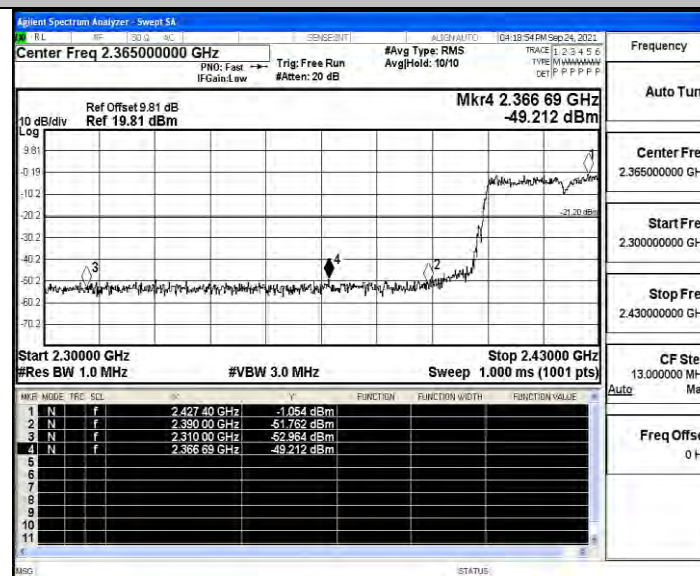
11N20SISO_Ant0_High_2462_Peak



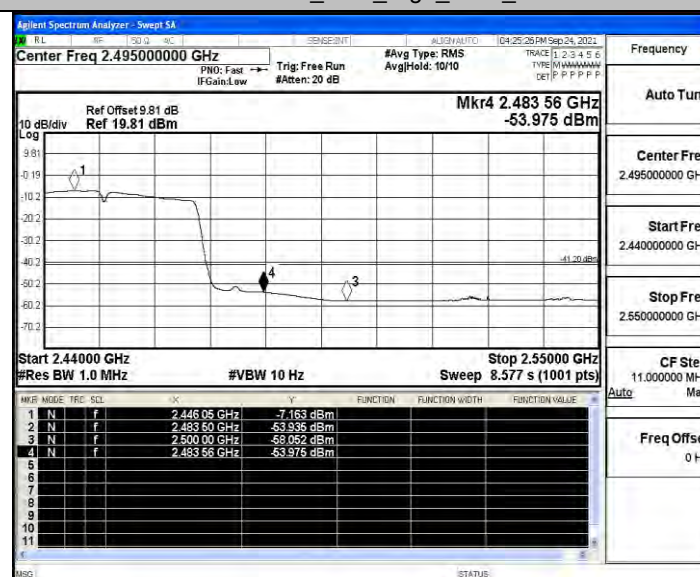
11N40SISO_Ant0_Low_2422_AV

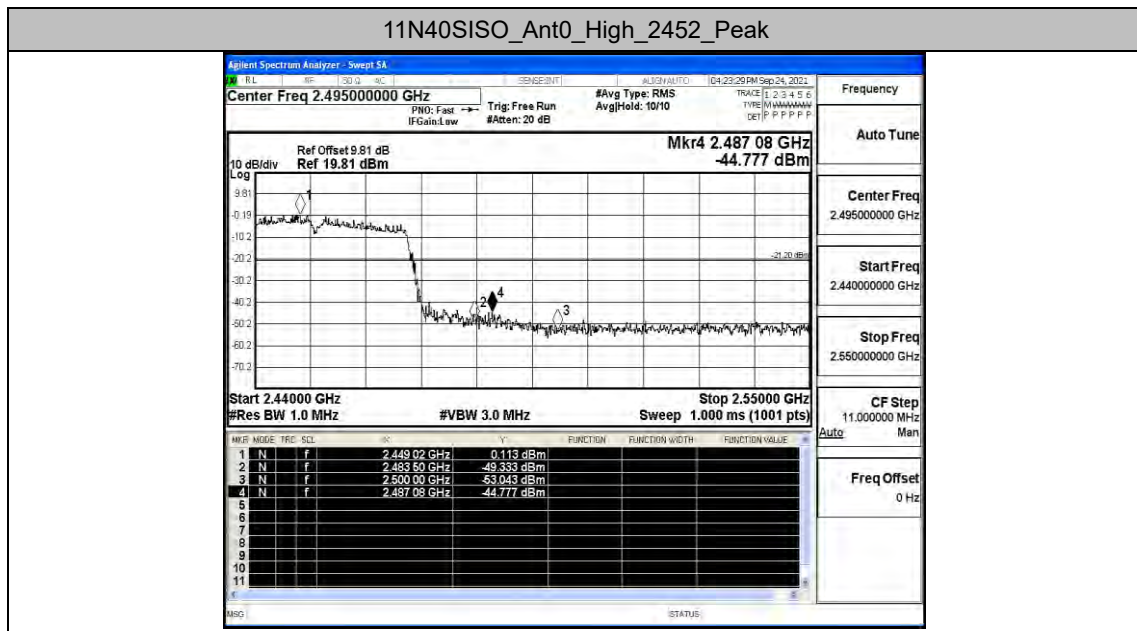


11N40SISO_Ant0_Low_2422_Peak



11N40SISO_Ant0_High_2452_AV





ANT1

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.4	≤-41.20	45.80	≤54	PASS
				AV	2385.930	-47.64	≤-41.20	47.56	≤54	PASS
				AV	2390.000	-48.46	≤-41.20	46.74	≤54	PASS
				Peak	2310.000	-43.49	≤-21.20	51.71	≤74	PASS
				Peak	2386.710	-37.98	≤-21.20	57.22	≤74	PASS
				Peak	2390.000	-41.91	≤-21.20	53.29	≤74	PASS
		High	2462	AV	2483.500	-47.24	≤-41.20	47.96	≤54	PASS
				AV	2487.630	-46.75	≤-41.20	48.45	≤54	PASS
				AV	2500.000	-48.01	≤-41.20	47.19	≤54	PASS
				Peak	2483.500	-40.55	≤-21.20	54.65	≤74	PASS
				Peak	2492.140	-38.87	≤-21.20	56.33	≤74	PASS
				Peak	2500.000	-44.77	≤-21.20	50.43	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.04	≤-41.20	46.16	≤54	PASS
				AV	2388.530	-48.42	≤-41.20	46.78	≤54	PASS
				AV	2390.000	-48.46	≤-41.20	46.74	≤54	PASS
				Peak	2310.000	-42.44	≤-21.20	52.76	≤74	PASS
				Peak	2360.710	-38.62	≤-21.20	56.58	≤74	PASS
				Peak	2390.000	-42.47	≤-21.20	52.73	≤74	PASS
		High	2462	AV	2483.500	-47.84	≤-41.20	47.36	≤54	PASS
				AV	2498.080	-47.69	≤-41.20	47.51	≤54	PASS
				AV	2500.000	-47.8	≤-41.20	47.40	≤54	PASS
				Peak	2483.500	-39.41	≤-21.20	55.79	≤74	PASS
				Peak	2491.700	-38.69	≤-21.20	56.51	≤74	PASS
				Peak	2500.000	-40.63	≤-21.20	54.57	≤74	PASS



11N20SISO	Ant1	Low	2412	AV	2310.000	-59.1	≤-41.20	36.10	≤54	PASS
				AV	2389.960	-57.72	≤-41.20	37.48	≤54	PASS
				AV	2390.000	-57.73	≤-41.20	37.47	≤54	PASS
				Peak	2310.000	-53.78	≤-21.20	41.42	≤74	PASS
				Peak	2386.970	-50.04	≤-21.20	45.16	≤74	PASS
				Peak	2390.000	-50.84	≤-21.20	44.36	≤74	PASS
		High	2462	AV	2483.500	-54.95	≤-41.20	40.25	≤54	PASS
				AV	2487.960	-52.09	≤-41.20	43.11	≤54	PASS
				AV	2500.000	-58.07	≤-41.20	37.13	≤54	PASS
				Peak	2483.500	-48.11	≤-21.20	47.09	≤74	PASS
				Peak	2487.190	-45.73	≤-21.20	49.47	≤74	PASS
				Peak	2500.000	-52.82	≤-21.20	42.38	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-59.07	≤-41.20	36.13	≤54	PASS
				AV	2389.960	-57.7	≤-41.20	37.50	≤54	PASS
				AV	2390.000	-57.7	≤-41.20	37.50	≤54	PASS
				Peak	2310.000	-52.49	≤-21.20	42.71	≤74	PASS
				Peak	2364.870	-48.77	≤-21.20	46.43	≤74	PASS
				Peak	2390.000	-50.56	≤-21.20	44.64	≤74	PASS
		High	2452	AV	2483.500	-54	≤-41.20	41.20	≤54	PASS
				AV	2483.560	-54	≤-41.20	41.20	≤54	PASS
				AV	2500.000	-58.06	≤-41.20	37.14	≤54	PASS
				Peak	2483.500	-44.42	≤-21.20	50.78	≤74	PASS
				Peak	2484.330	-43.52	≤-21.20	51.68	≤74	PASS
				Peak	2500.000	-53.77	≤-21.20	41.43	≤74	PASS

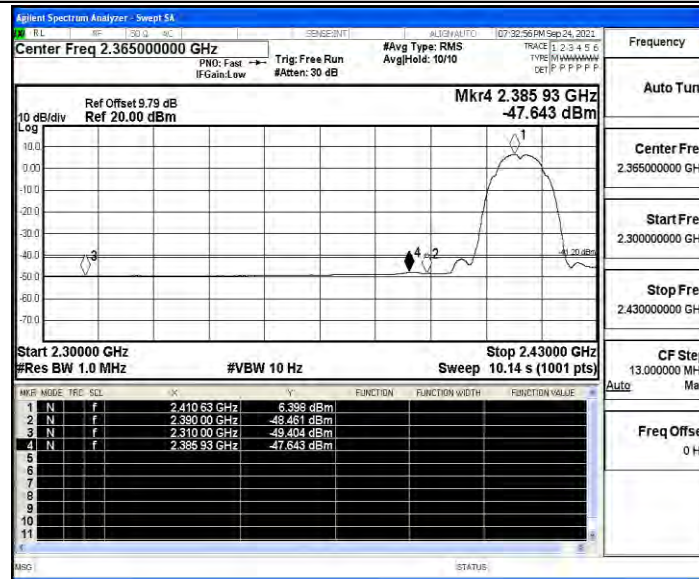
Note:

- The Antenna Gain is compensated in the graph.
- 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.

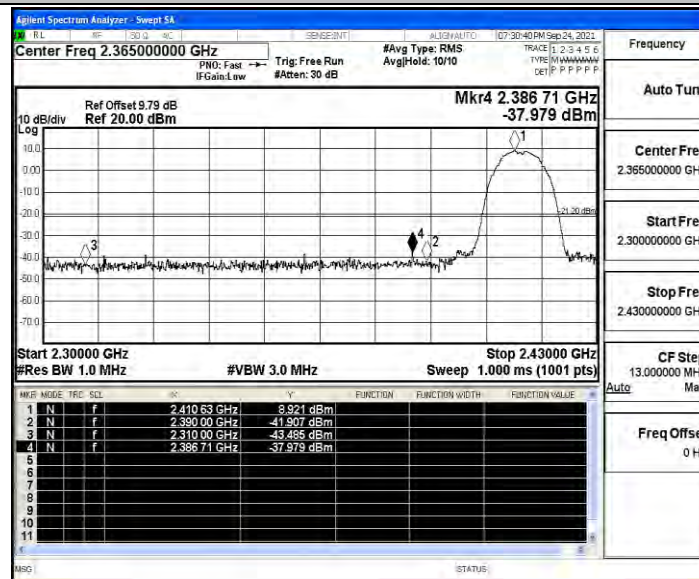


Test Graphs

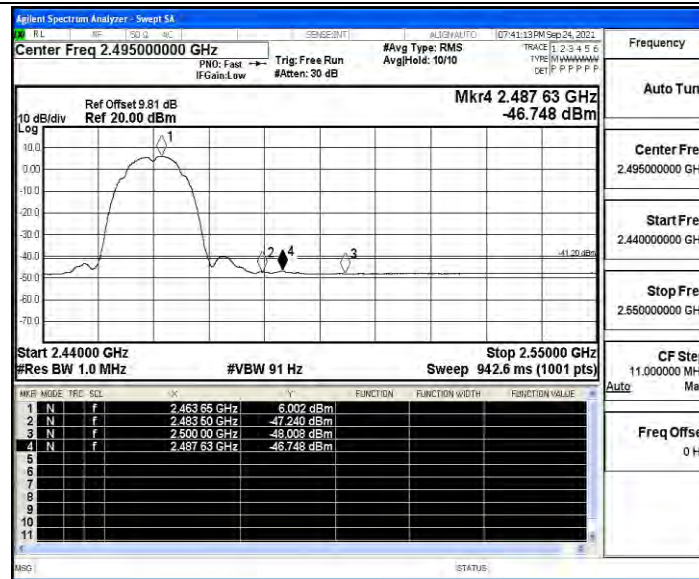
11B_Ant1_Low_2412_AV



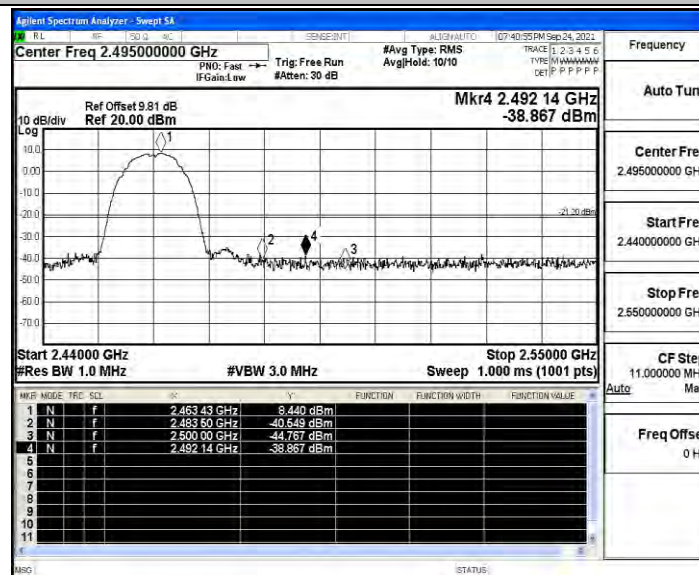
11B_Ant1_Low_2412_Peak



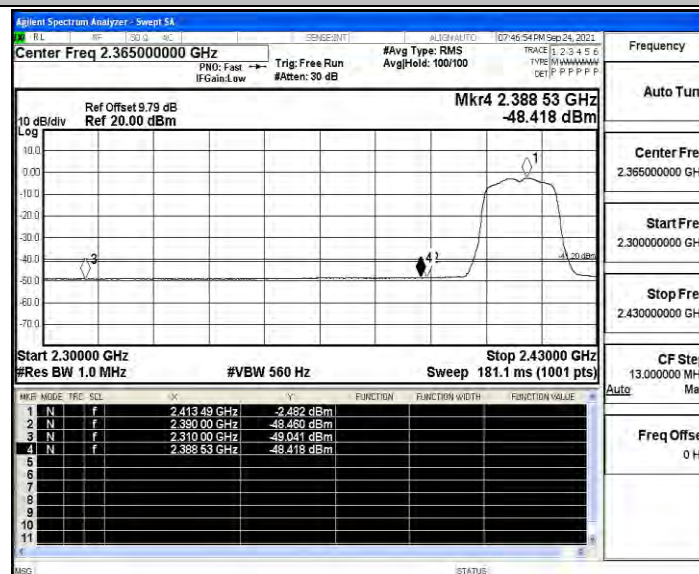
11B_Ant1_High_2462_AV



11B_Ant1_High_2462_Peak

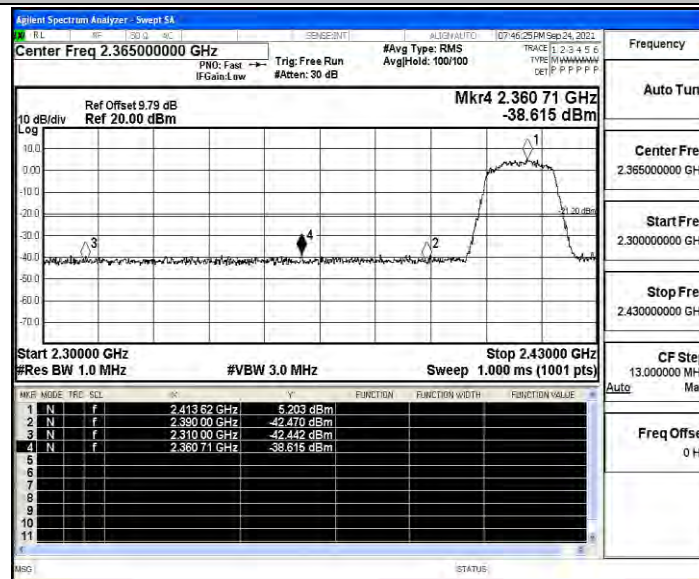


11G_Ant1_Low_2412_AV

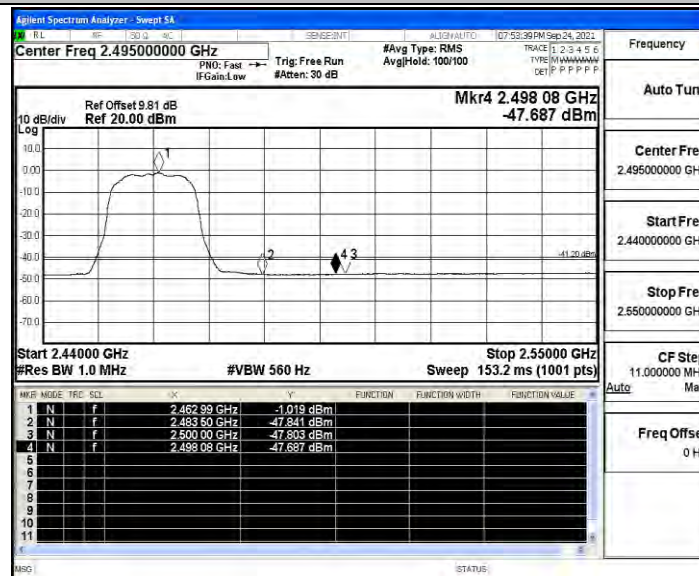




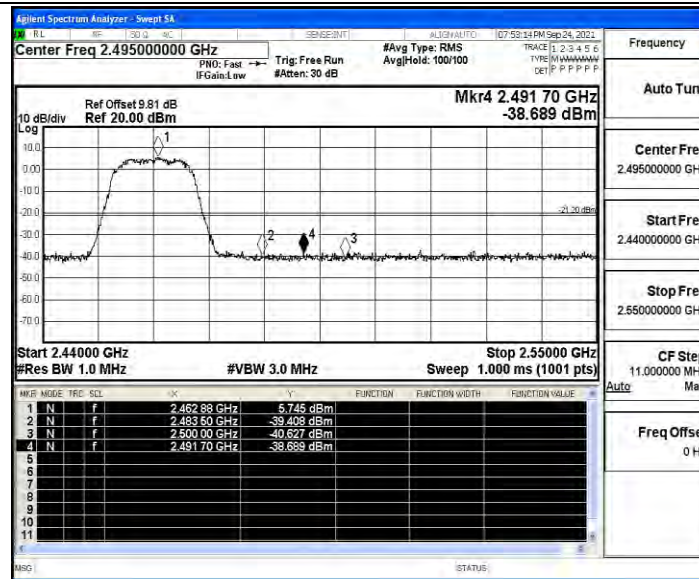
11G_Ant1_Low_2412_Peak



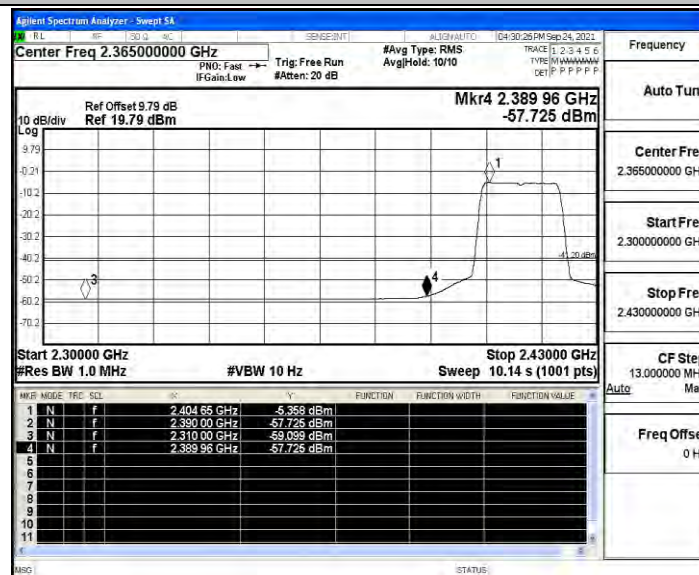
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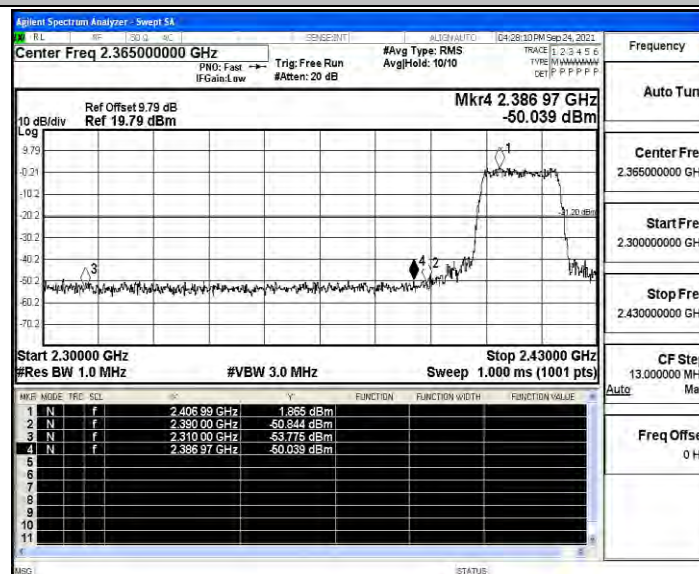
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV

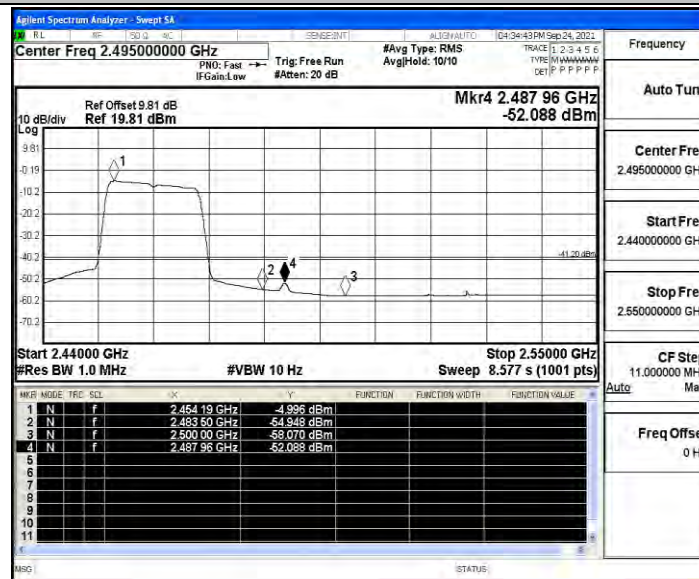


11N20SISO_Ant1_Low_2412_Peak

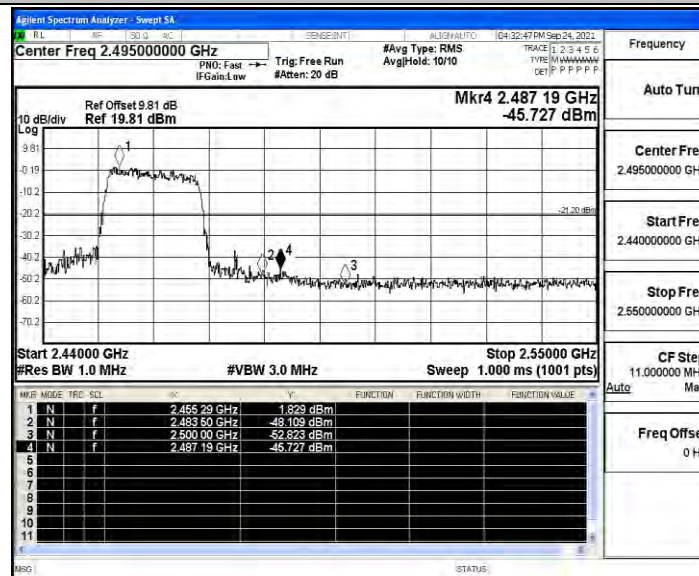




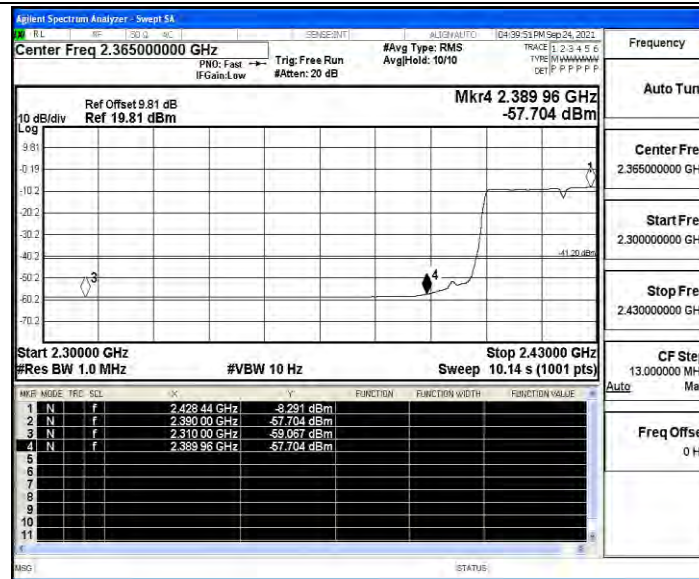
11N20SISO_Ant1_High_2462_AV



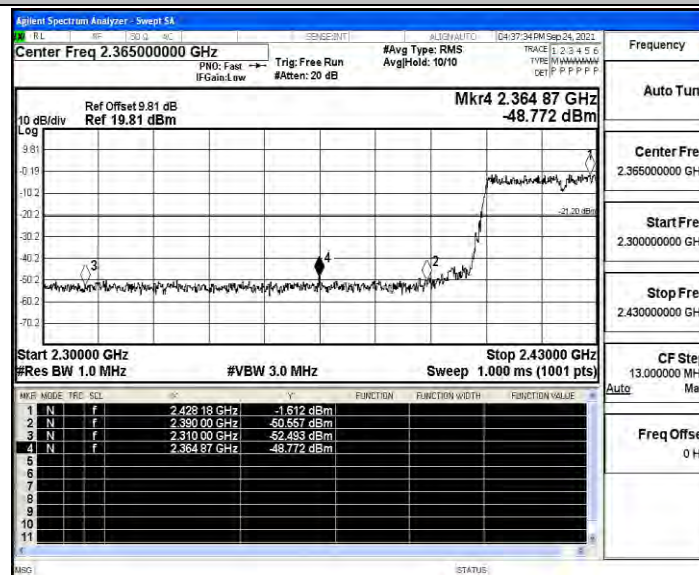
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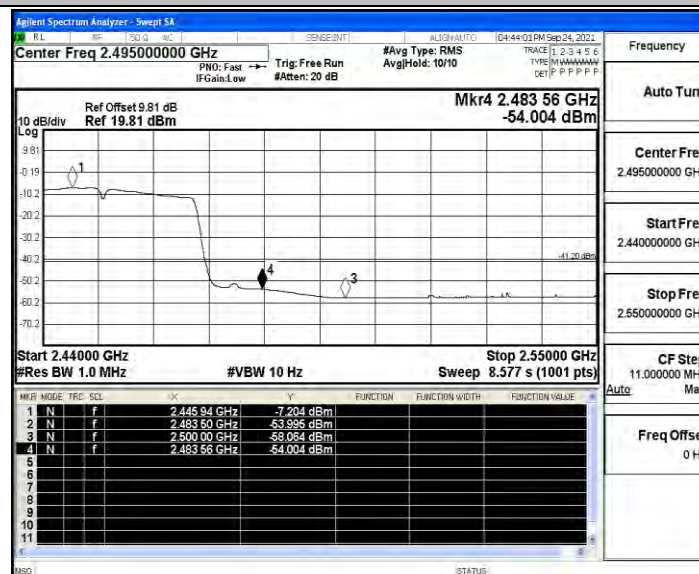
11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak

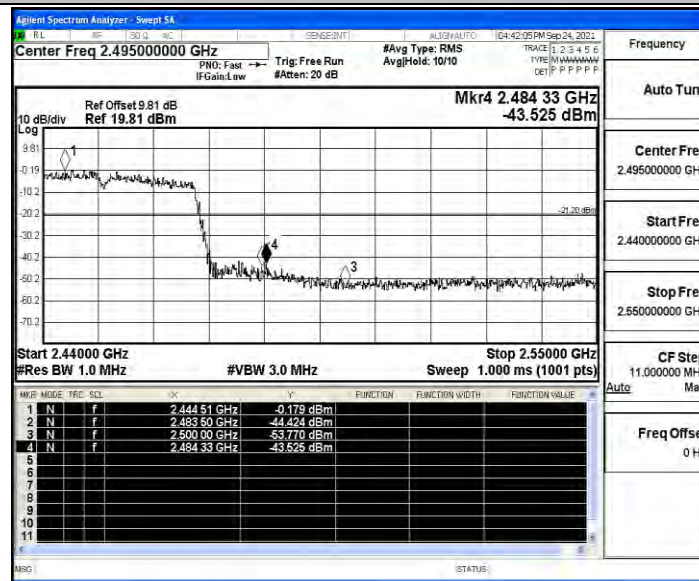


11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak





Combined Ant_0 and Ant_1

Test Mode	Freq.	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2310.000	-53.22	-53.78	-50.48	6.01	0	50.76	Peak	74
	2390.000	-45.46	-50.84	-44.35	6.01	0	56.89	Peak	74
	2310.000	-59.05	-59.1	-56.06	6.01	0	45.18	Average	54
	2390.000	-55.01	-57.73	-53.15	6.01	0	48.09	Average	54
	2483.500	-51.74	-48.11	-46.55	6.01	0	54.69	Peak	74
	2500.000	-53.58	-52.82	-50.17	6.01	0	51.07	Peak	74
	2483.500	-55	-54.95	-51.96	6.01	0	49.28	Average	54
	2500.000	-58.08	-58.07	-55.06	6.01	0	46.18	Average	54
11N40 MIMO	2310.000	-52.96	-52.49	-49.71	6.01	0	51.53	Peak	74
	2390.000	-51.76	-50.56	-48.11	6.01	0	53.13	Peak	74
	2310.000	-59.07	-59.07	-56.06	6.01	0	45.18	Average	54
	2390.000	-57.72	-57.7	-54.70	6.01	0	46.54	Average	54
	2483.500	-49.33	-44.42	-43.20	6.01	0	58.04	Peak	74
	2500.000	-53.04	-53.77	-50.38	6.01	0	50.86	Peak	74
	2483.500	-53.94	-54	-50.96	6.01	0	50.28	Average	54
	2500.000	-58.05	-58.06	-55.04	6.01	0	46.20	Average	54