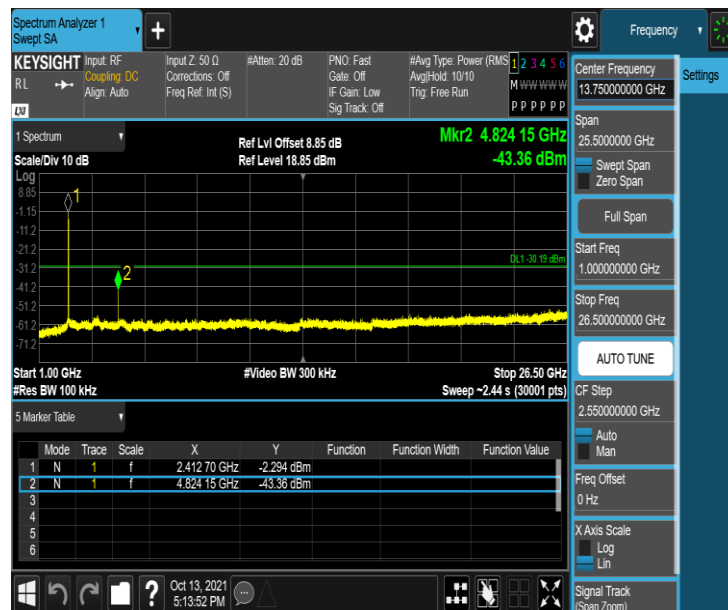
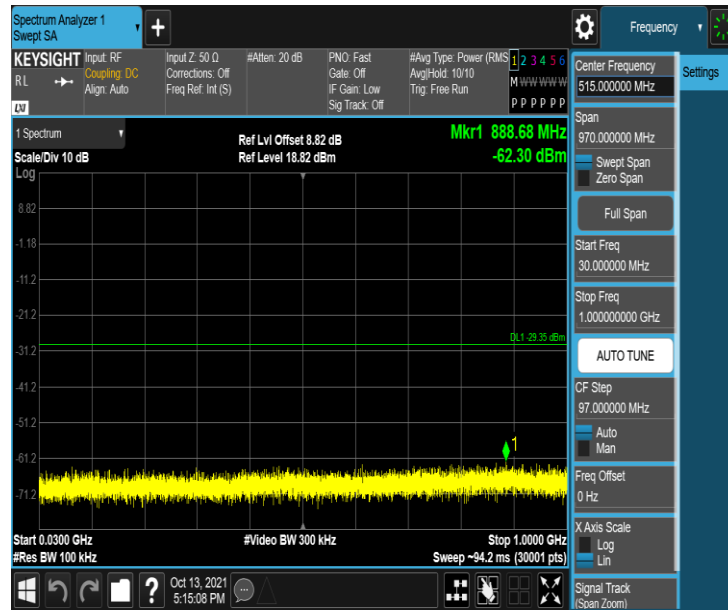




11B_Ant1_2412_1000~26500



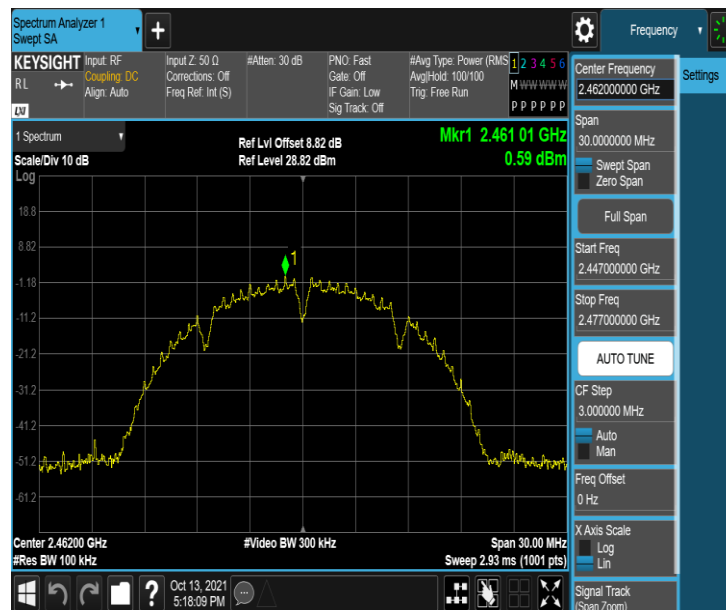
11B_Ant1_2437_0~Reference



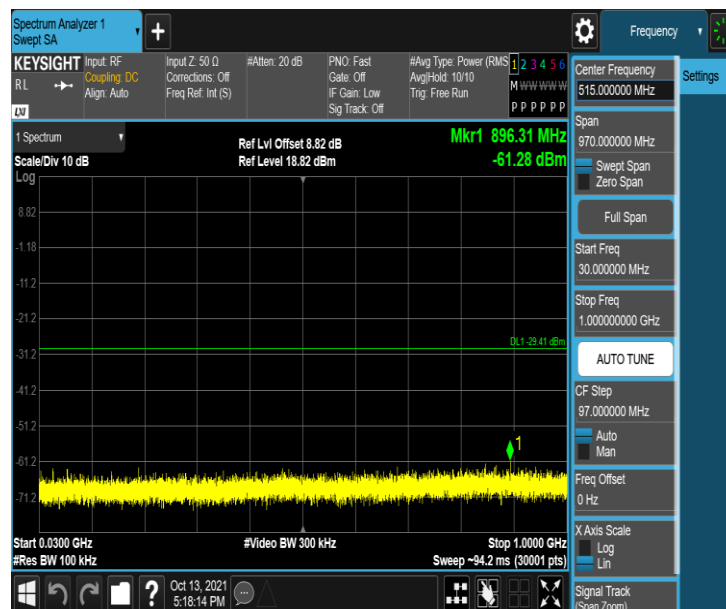
11B_Ant1_2437_30~1000



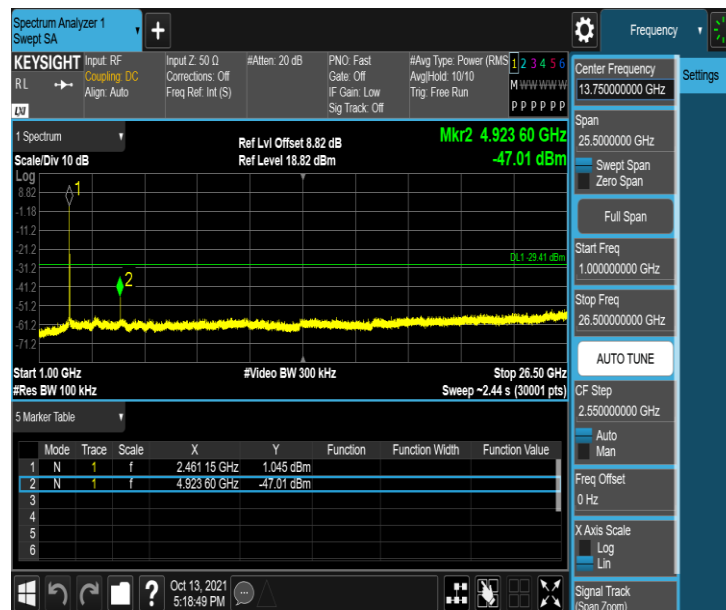
11B_Ant1_2437_1000~26500



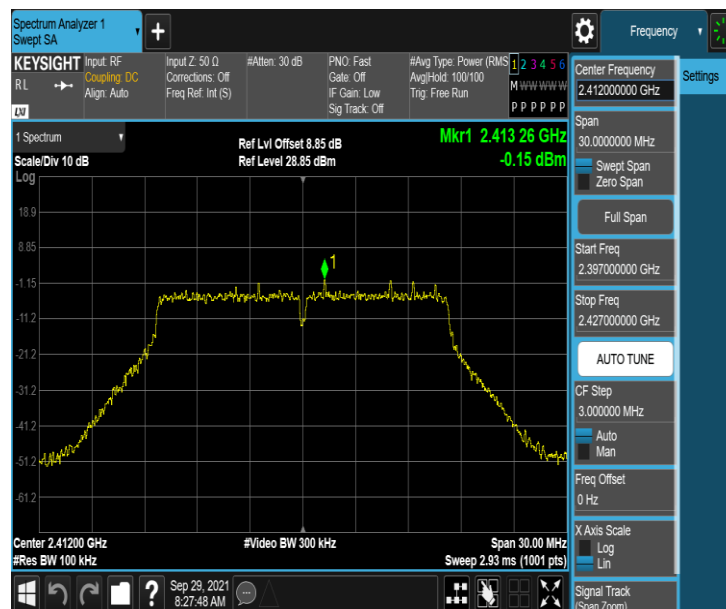
11B_Ant1_2462_0~Reference



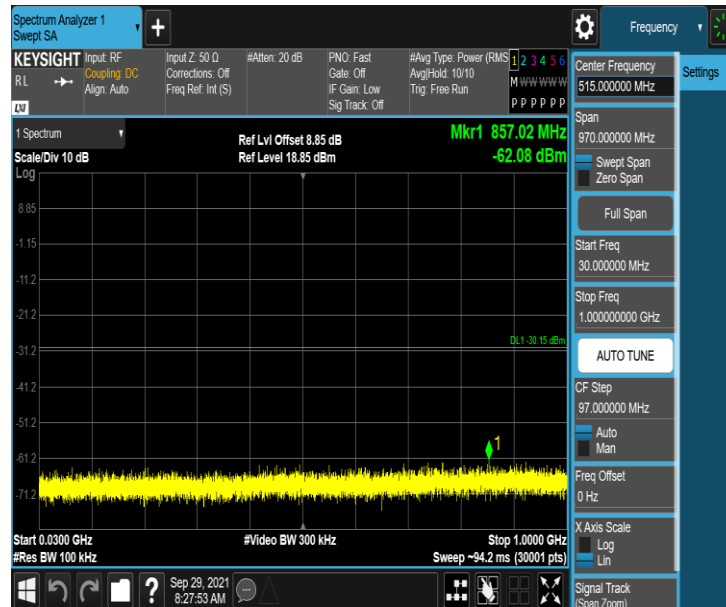
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



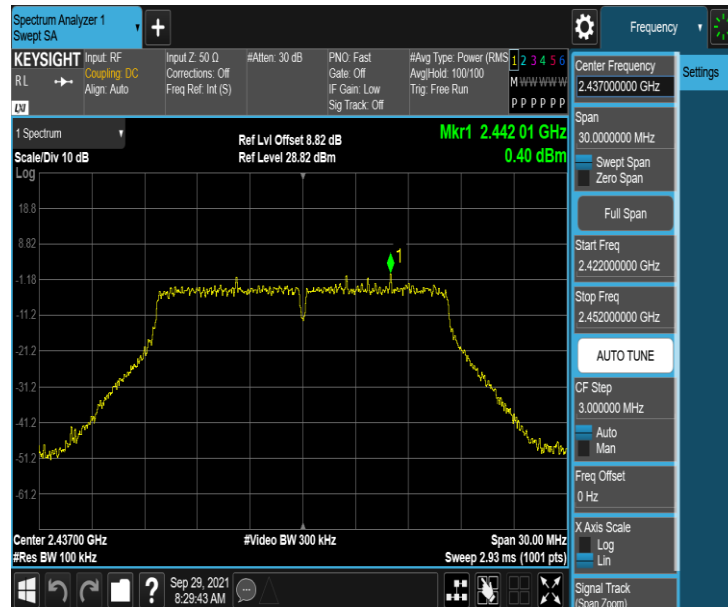
11G_Ant1_2412_0~Reference



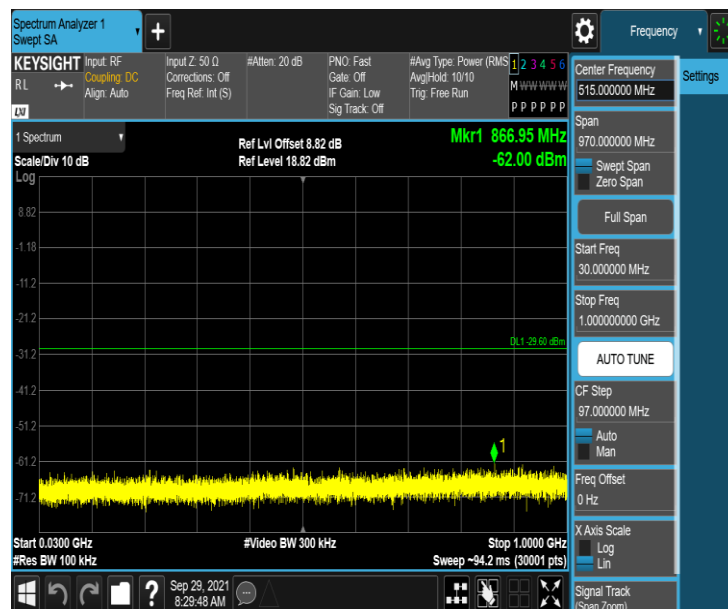
11G_Ant1_2412_30~1000



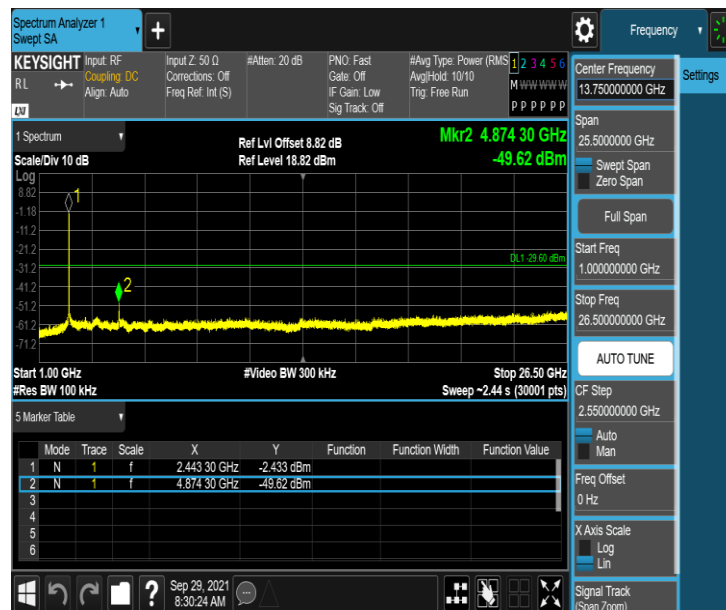
11G_Ant1_2412_1000~26500



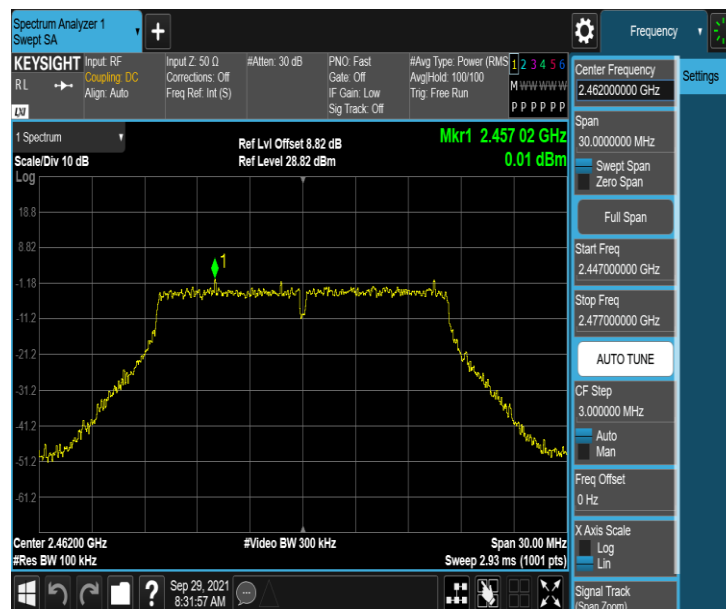
11G_Ant1_2437_0~Reference



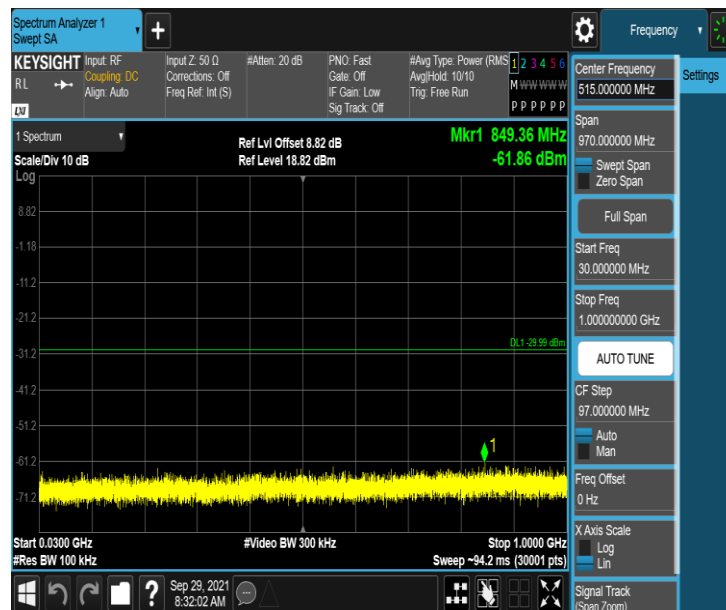
11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



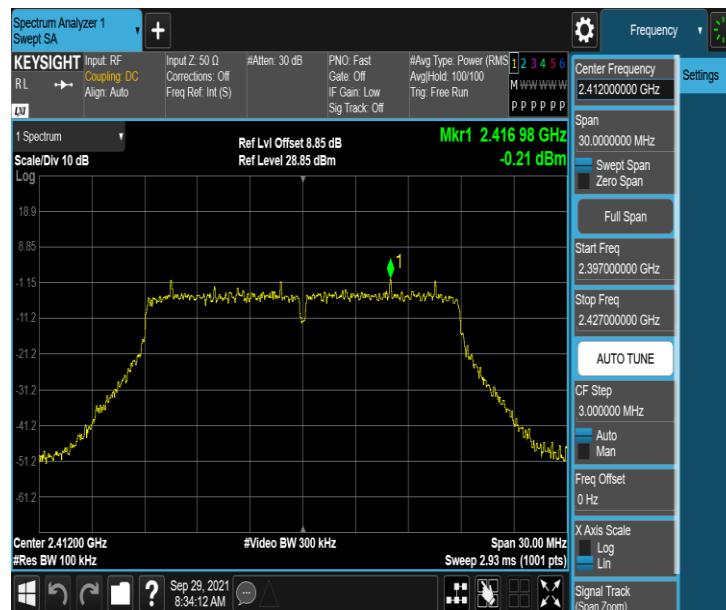
11G_Ant1_2462_0~Reference



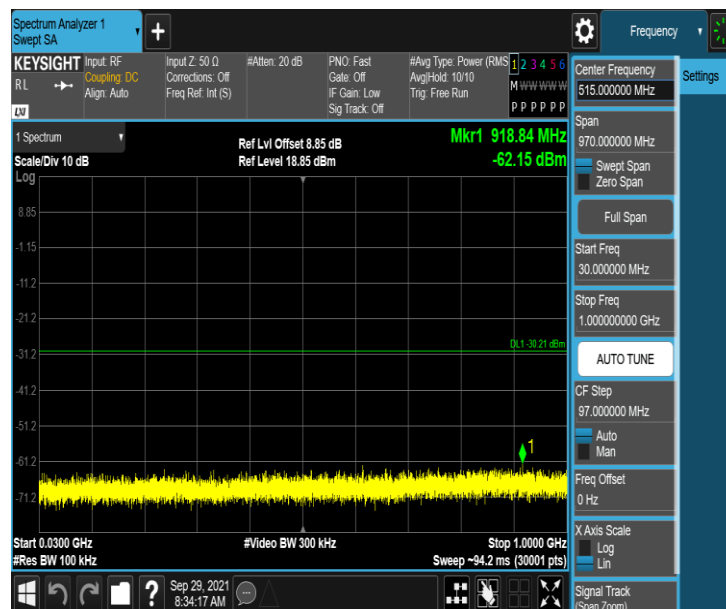
11G_Ant1_2462_30~1000



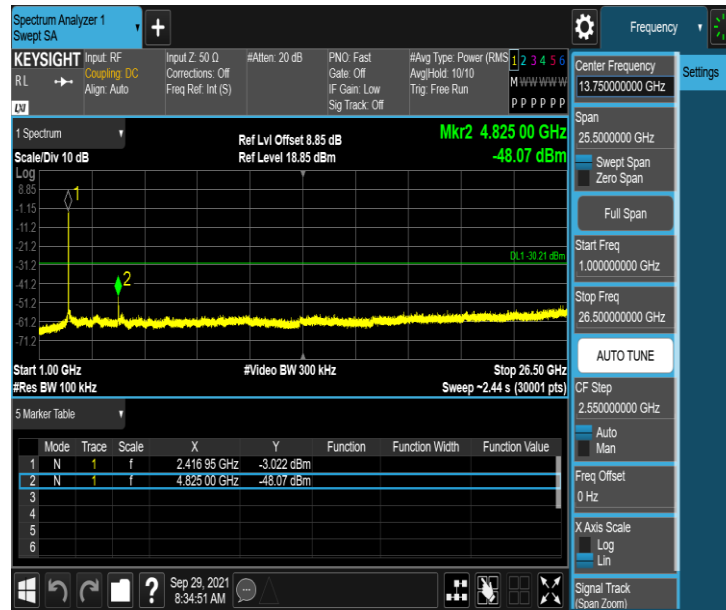
11G_Ant1_2462_1000~26500



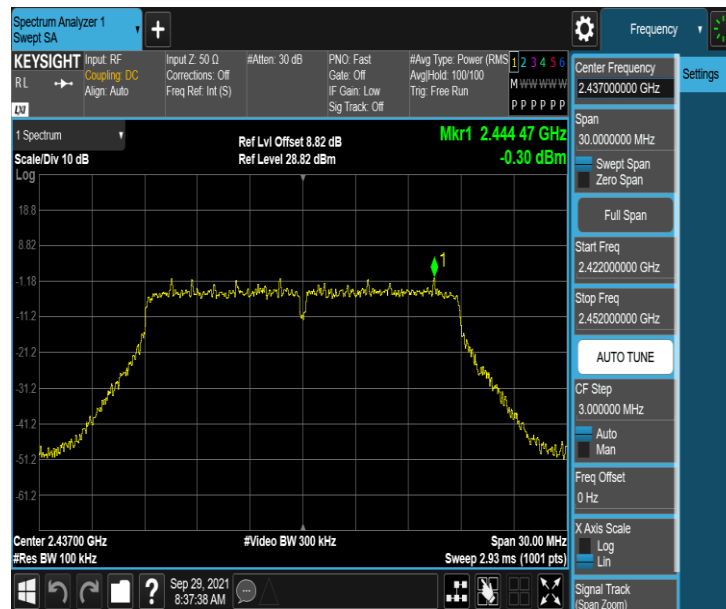
11N20SISO_Ant1_2412_0~Reference



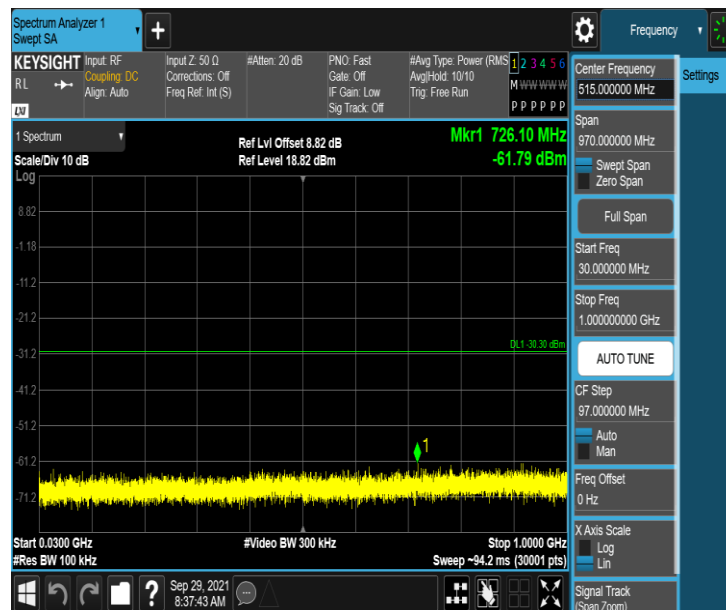
11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500



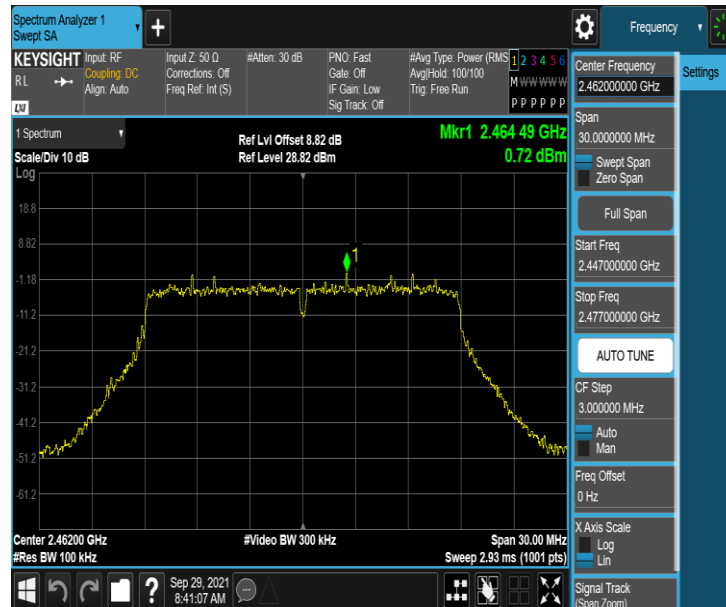
11N20SISO_Ant1_2437_0~Reference



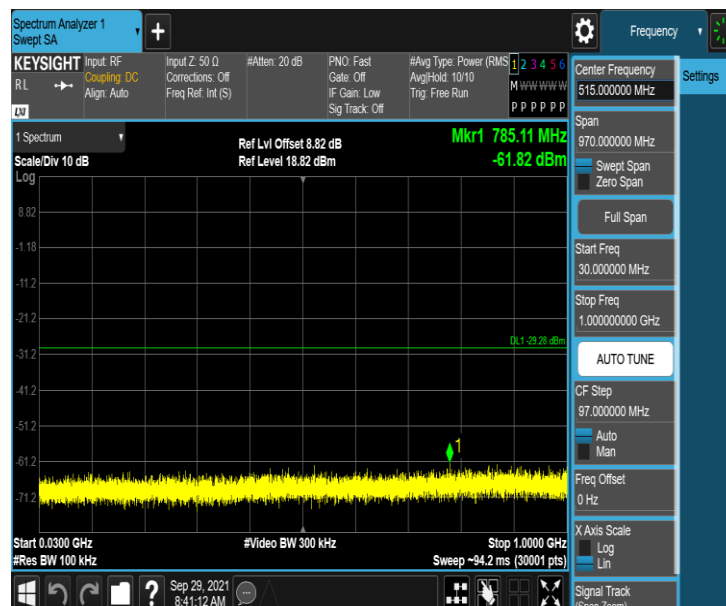
11N20SISO_Ant1_2437_30~1000



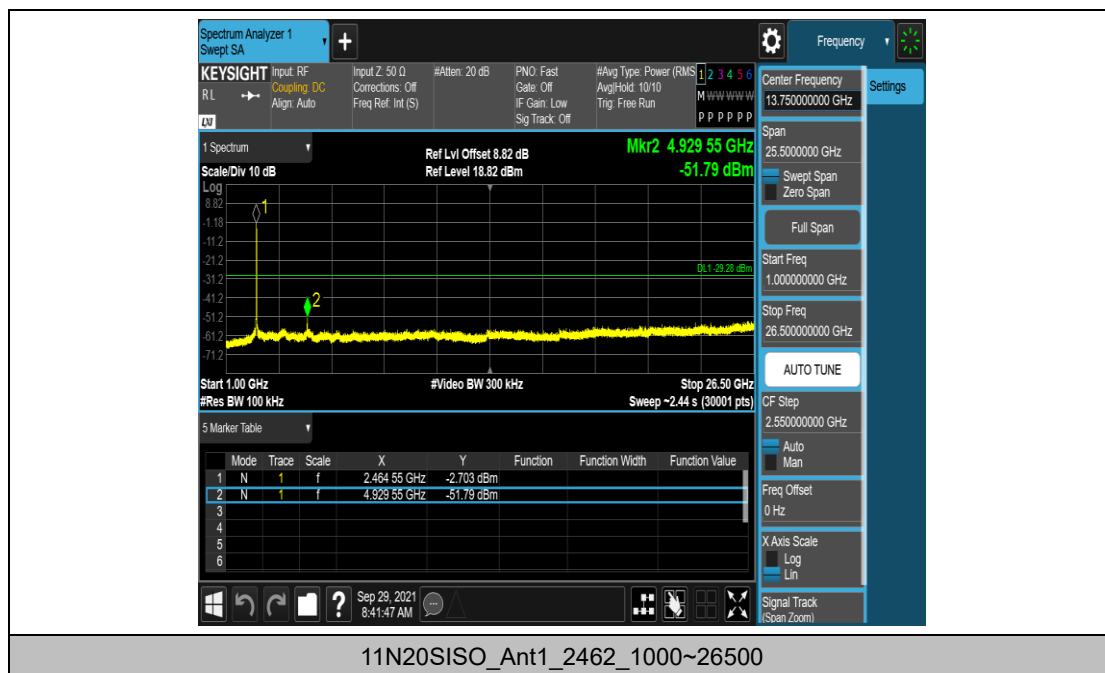
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



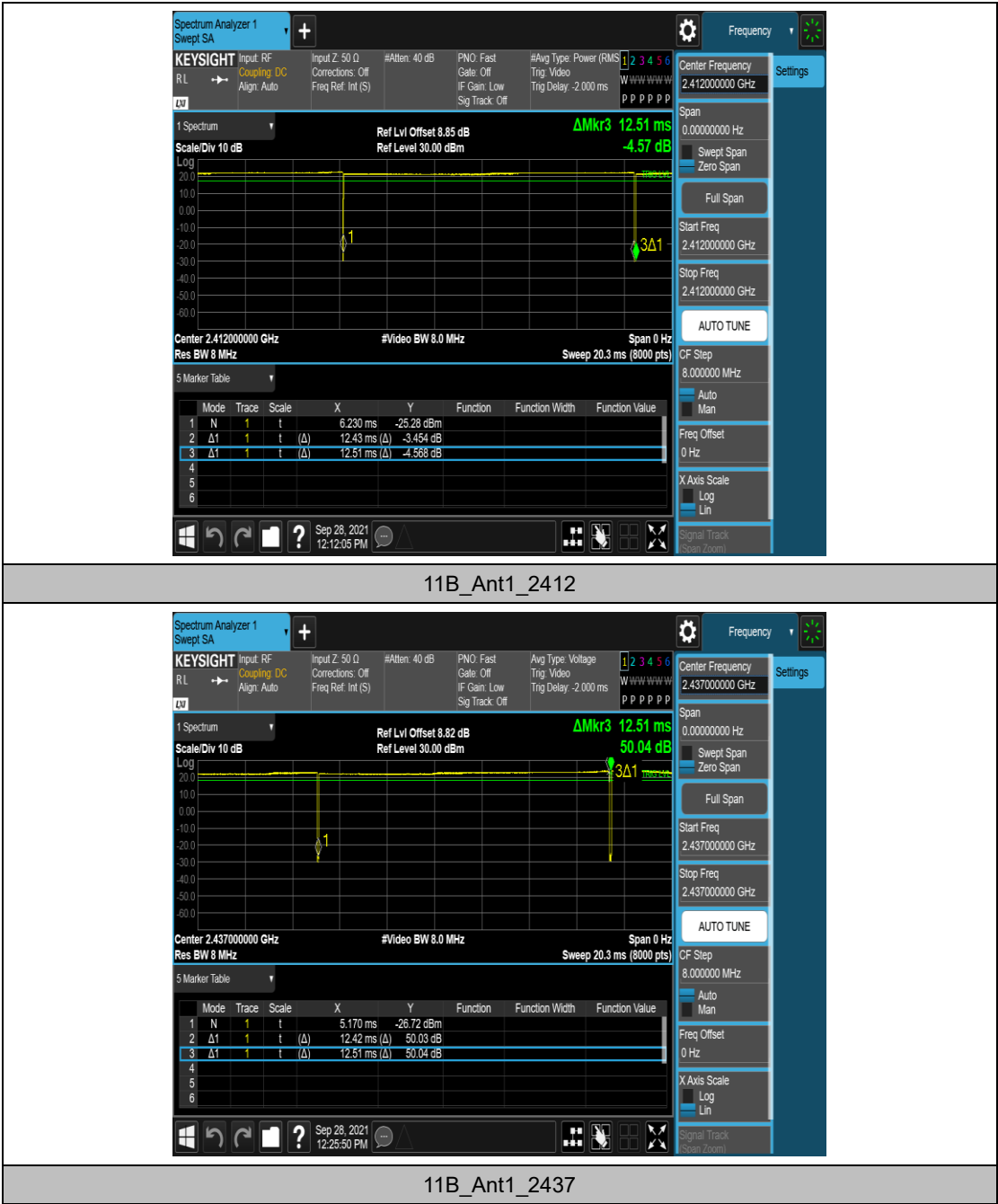
11N20SISO_Ant1_2462_1000~26500

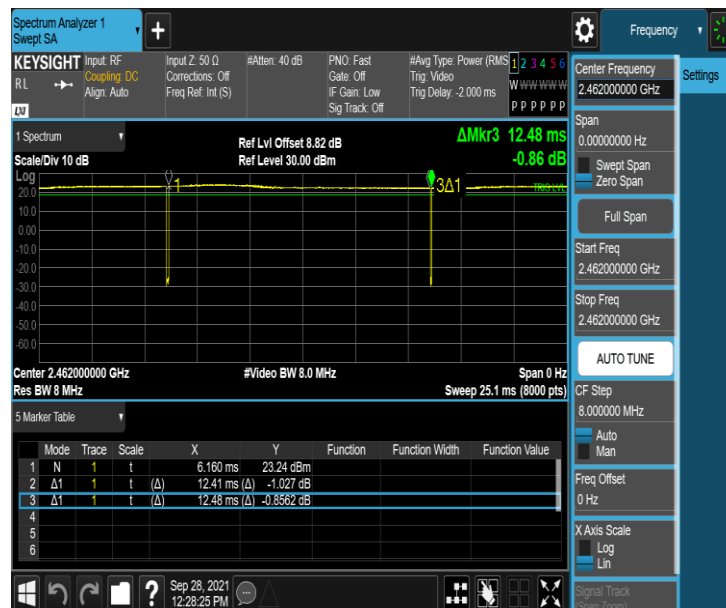
Appendix G: Duty Cycle

Test Result

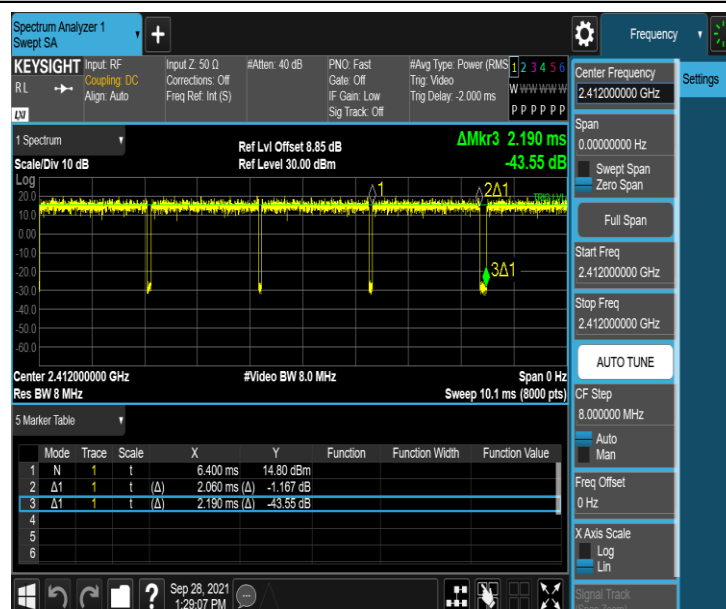
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Verdict
11B	Ant1	2412	12.43	12.51	99.36	PASS
		2437	12.42	12.51	99.28	PASS
		2462	12.41	12.48	99.44	PASS
11G	Ant1	2412	2.06	2.19	94.06	PASS
		2437	2.06	2.23	92.38	PASS
		2462	2.07	2.21	93.67	PASS
11N20SISO	Ant1	2412	1.92	2.09	91.87	PASS
		2437	1.92	2.09	91.87	PASS
		2462	1.92	2.09	91.87	PASS

Test Graphs

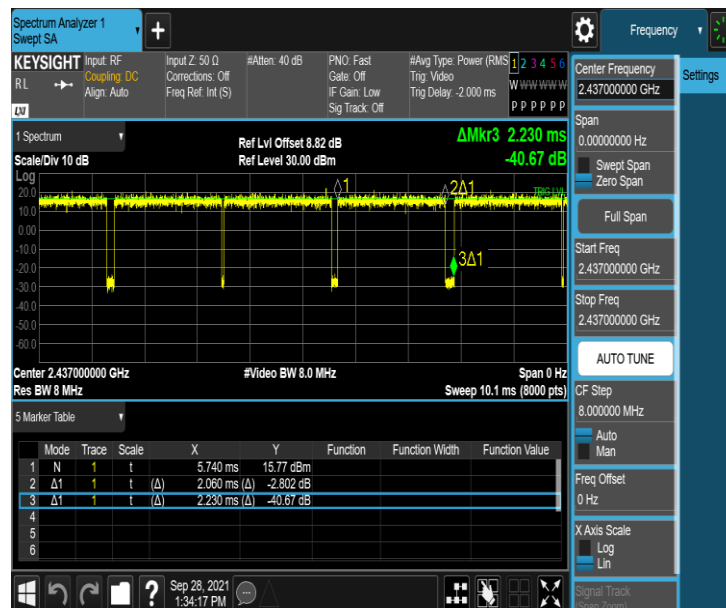




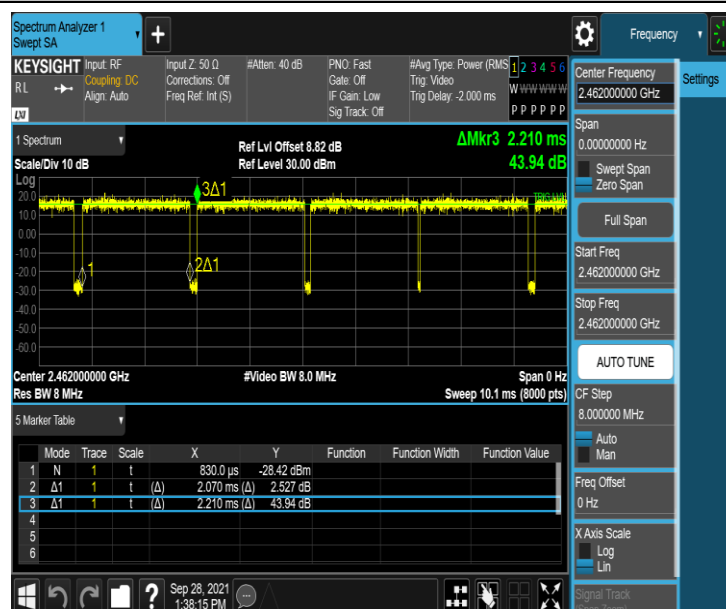
11B_Ant1_2462



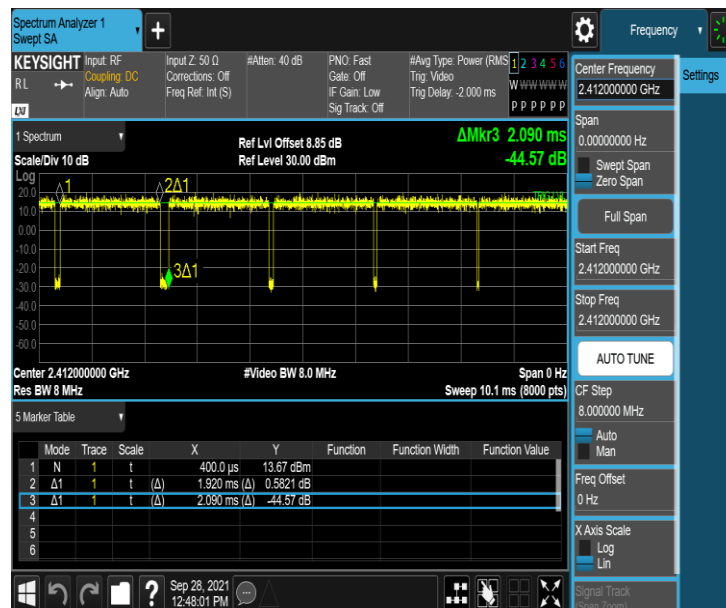
11G_Ant1_2412



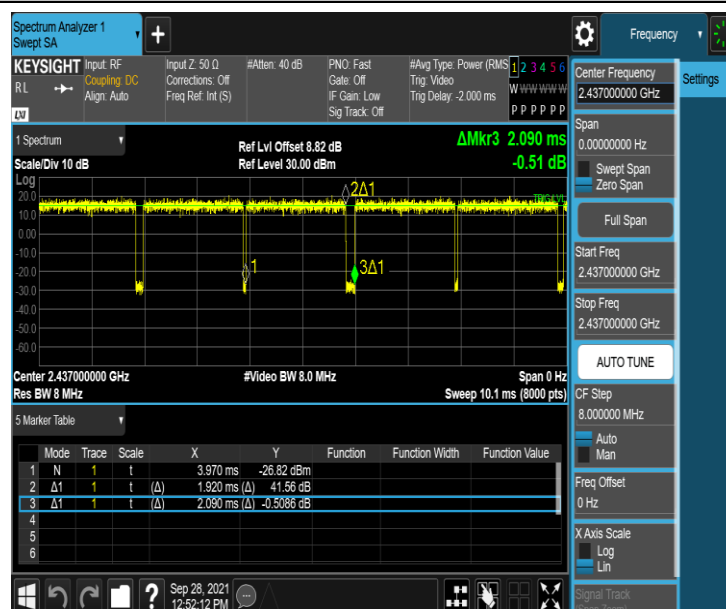
11G_Ant1_2437



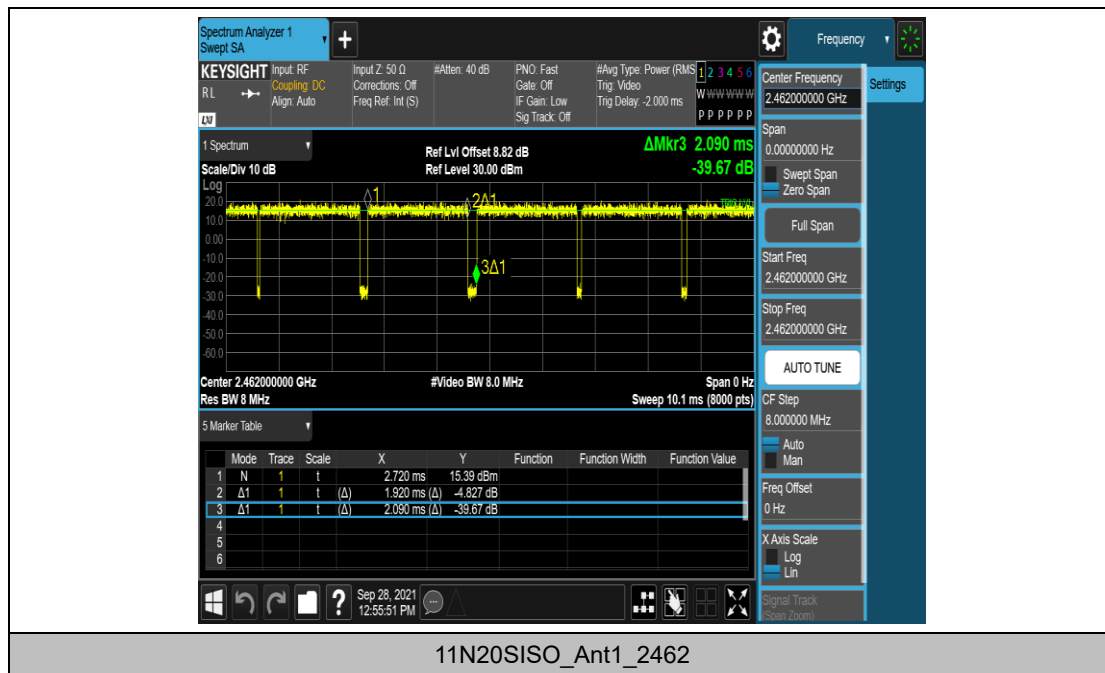
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix H: Emissions in Restricted Bands

Test Result

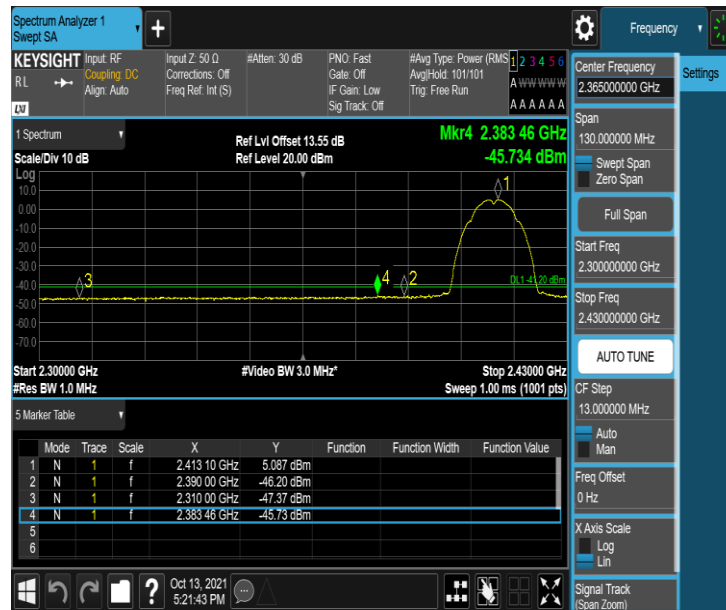
Antenna-port conducted measurements

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-47.37	≤-41.20	PASS
				AV	2383.460	-45.73	≤-41.20	PASS
				AV	2390.000	-46.2	≤-41.20	PASS
				Peak	2310.000	-36.67	≤-21.20	PASS
				Peak	2356.030	-33.72	≤-21.20	PASS
				Peak	2390.000	-35.7	≤-21.20	PASS
		High	2462	AV	2483.500	-45.96	≤-41.20	PASS
				AV	2487.080	-45.11	≤-41.20	PASS
				AV	2500.000	-47.08	≤-41.20	PASS
				Peak	2483.500	-35.76	≤-21.20	PASS
				Peak	2488.730	-34.33	≤-21.20	PASS
				Peak	2500.000	-36.1	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.69	≤-41.20	PASS
				AV	2387.230	-47.76	≤-41.20	PASS
				AV	2390.000	-47.88	≤-41.20	PASS
				Peak	2310.000	-47.37	≤-21.20	PASS
				Peak	2389.960	-44.64	≤-21.20	PASS
				Peak	2390.000	-44.64	≤-21.20	PASS
		High	2462	AV	2483.500	-44.83	≤-41.20	PASS
				AV	2484.220	-44.22	≤-41.20	PASS
				AV	2500.000	-48.58	≤-41.20	PASS
				Peak	2483.500	-41.68	≤-21.20	PASS
				Peak	2484.220	-41.19	≤-21.20	PASS
				Peak	2500.000	-45.71	≤-21.20	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-48.93	≤-41.20	PASS
				AV	2389.960	-46.64	≤-41.20	PASS
				AV	2390.000	-46.64	≤-41.20	PASS
				Peak	2310.000	-42	≤-21.20	PASS
				Peak	2389.180	-37.49	≤-21.20	PASS
				Peak	2390.000	-39.93	≤-21.20	PASS
		High	2462	AV	2483.500	-43.74	≤-41.20	PASS
				AV	2483.560	-43.66	≤-41.20	PASS
				AV	2500.000	-47.48	≤-41.20	PASS
				Peak	2483.500	-34.85	≤-21.20	PASS
				Peak	2483.780	-28.15	≤-21.20	PASS
				Peak	2500.000	-40.29	≤-21.20	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.

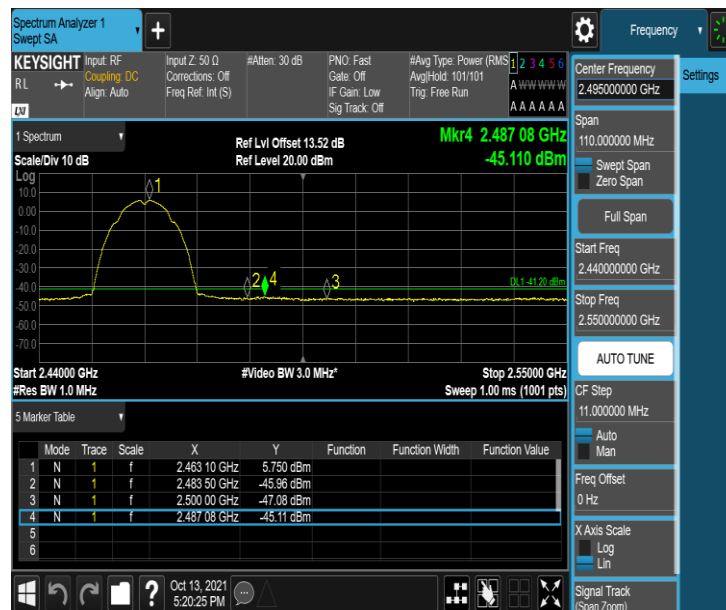
Test Graphs



11B_Ant1_Low_2412_AV



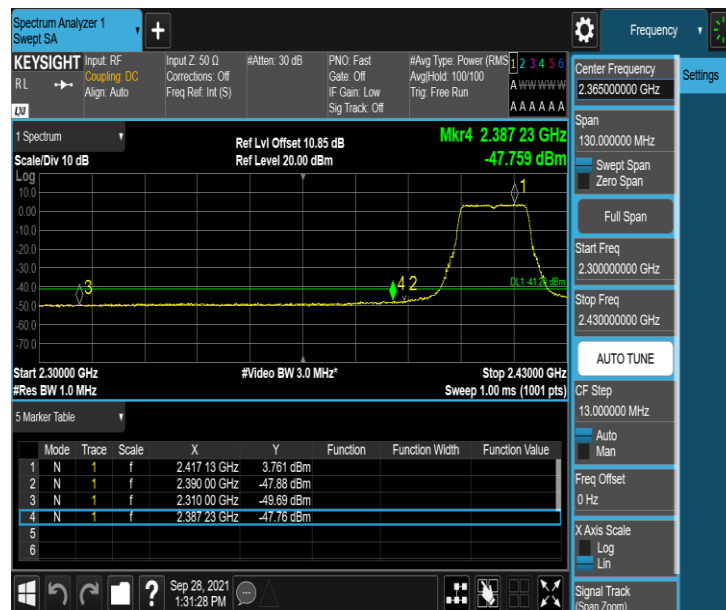
11B_Ant1_Low_2412_Peak



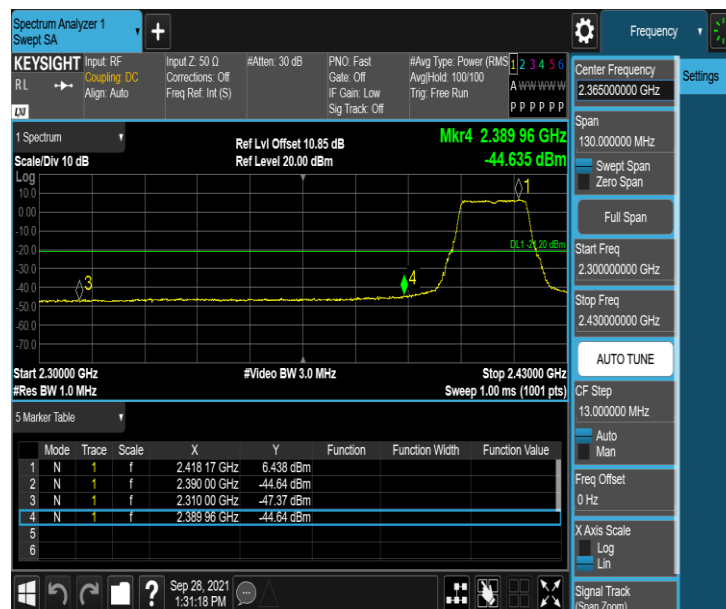
11B_Ant1_High_2462_AV



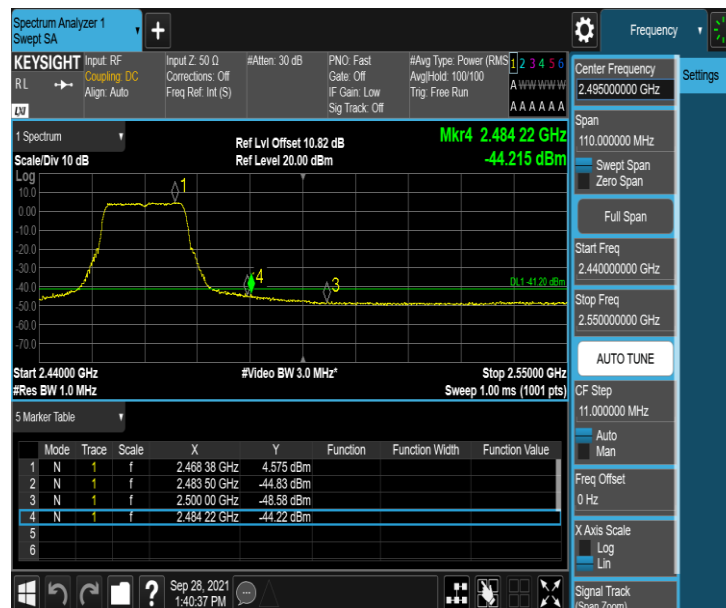
11B_Ant1_High_2462_Peak



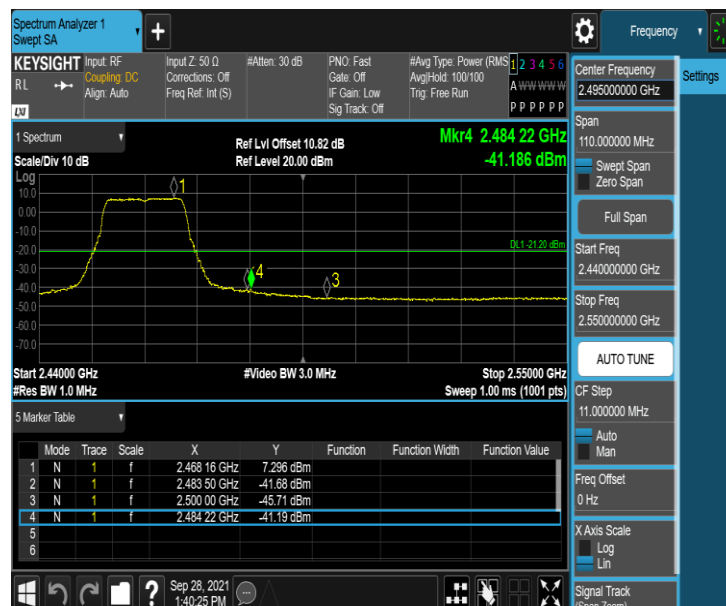
11G_Ant1_Low_2412_AV



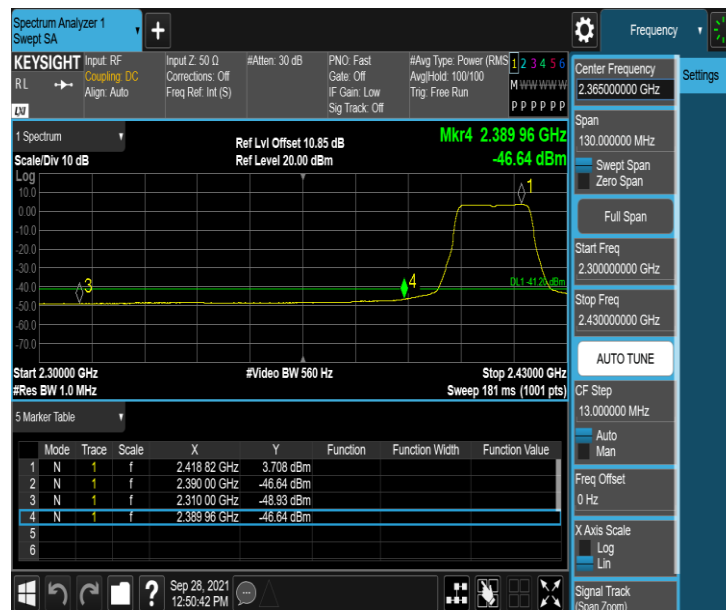
11G_Ant1_Low_2412_Peak



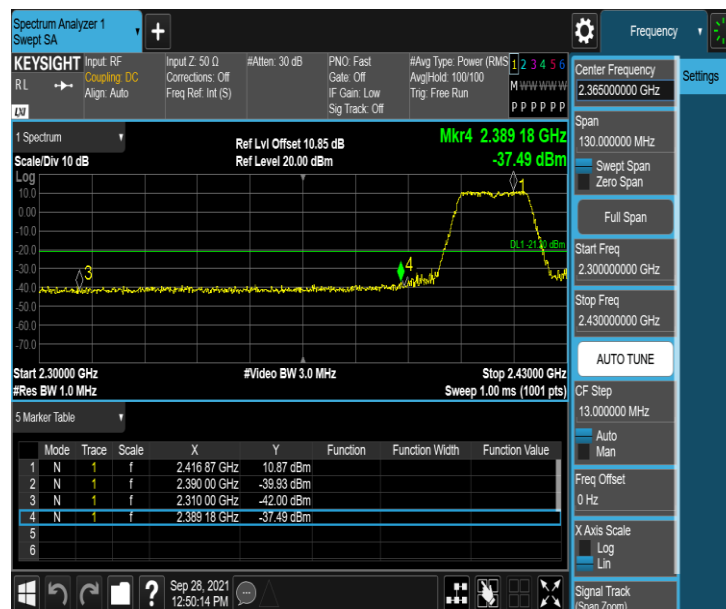
11G_Ant1_High_2462_AV



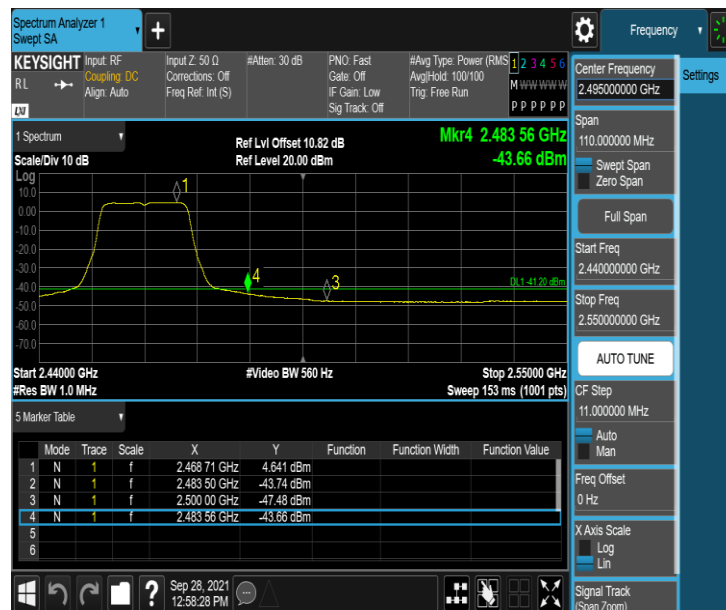
11G_Ant1_High_2462_Peak



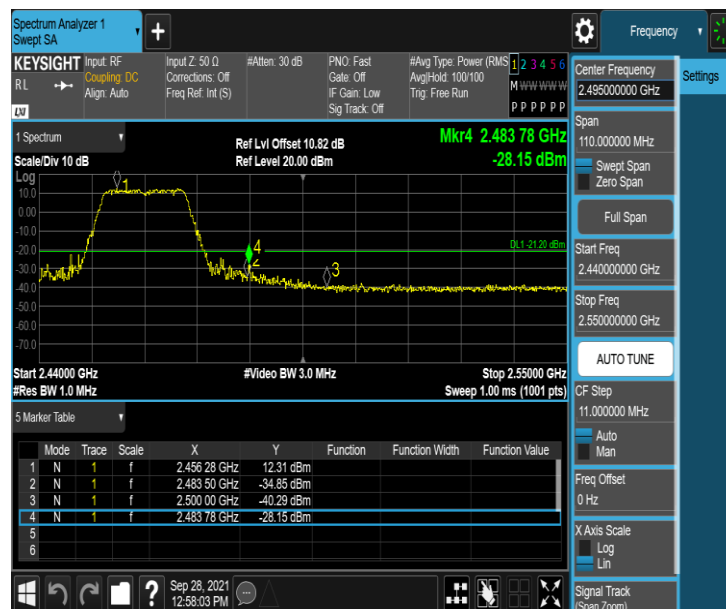
11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



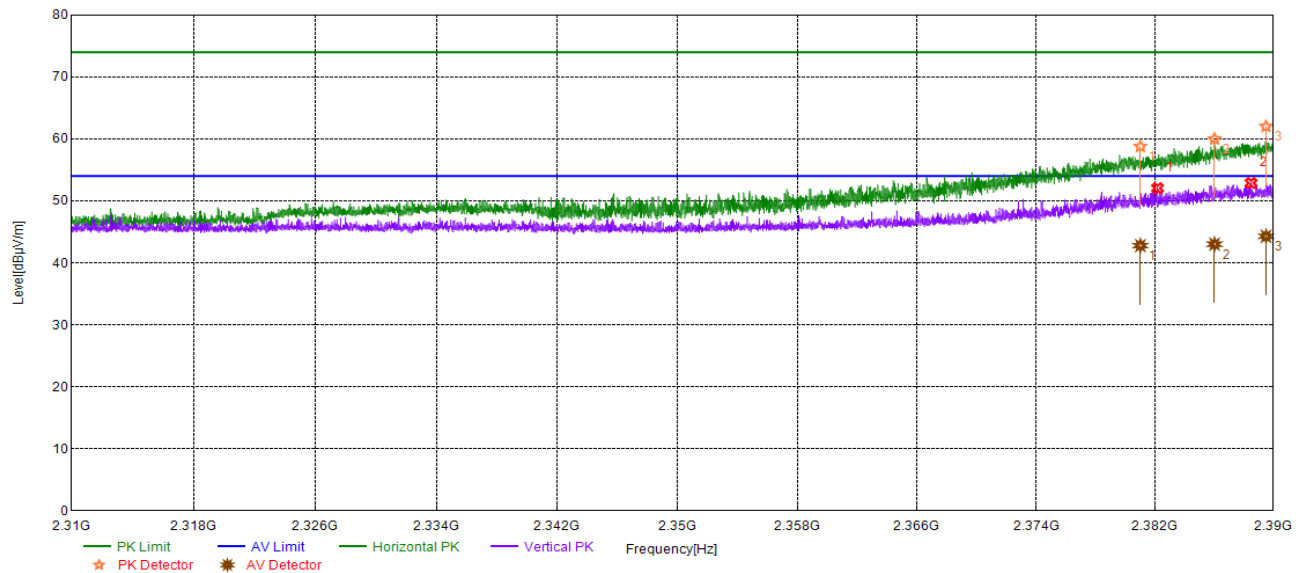
11N20SISO_Ant1_High_2462_Peak

Radiated emission measurements

Worst case scenario was recorded

Mode:	11n20 2412
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Test Graph



PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2382.167	70.04	52.05	-17.99	74.00	21.95	Vertical	PASS
2	2388.487	70.54	52.88	-17.66	74.00	21.12	Vertical	PASS

PK Final Data List

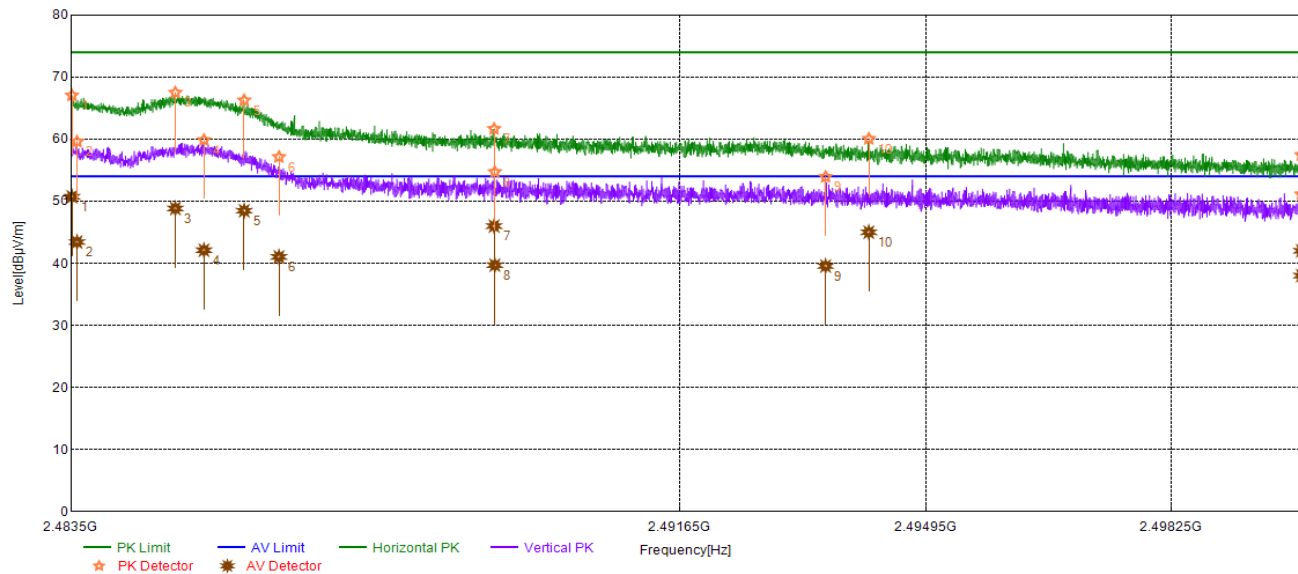
NO.	Freq. [MHz]	PK Reading [dBμV/m]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Polarity	Verdict
1	2381.0071	76.84	-18.06	58.78	74.00	15.22	Horizontal	PASS
2	2386.0156	77.79	-17.79	60.00	74.00	14.00	Horizontal	PASS
3	2389.4960	79.62	-17.60	62.02	74.00	11.98	Horizontal	PASS

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV/m]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Polarity	Verdict
1	2381.0071	60.85	-18.06	42.79	54.00	11.21	Horizontal	PASS
2	2386.0156	60.81	-17.79	43.02	54.00	10.98	Horizontal	PASS
3	2389.4960	61.89	-17.60	44.29	54.00	9.71	Horizontal	PASS

Mode:	11n20 2462
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Test Graph



PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV/m]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Polarity	Verdict
1	2483.5083	85.09	-18.03	67.06	74.00	6.94	Horizontal	PASS
2	2483.5759	77.66	-18.04	59.62	74.00	14.38	Vertical	PASS
3	2484.8911	85.89	-18.38	67.51	74.00	6.49	Horizontal	PASS
4	2485.2739	78.31	-18.44	59.87	74.00	14.13	Vertical	PASS
5	2485.8119	84.76	-18.50	66.26	74.00	7.74	Horizontal	PASS
6	2486.2772	75.70	-18.56	57.14	74.00	16.86	Vertical	PASS
7	2489.1584	80.54	-18.87	61.67	74.00	12.33	Horizontal	PASS
8	2489.1683	73.61	-18.88	54.73	74.00	19.27	Vertical	PASS
9	2493.6040	72.86	-18.93	53.93	74.00	20.07	Vertical	PASS
10	2494.1848	78.99	-18.93	60.06	74.00	13.94	Horizontal	PASS
11	2500.0000	76.31	-18.85	57.46	74.00	16.54	Horizontal	PASS
12	2500.0000	69.98	-18.85	51.13	74.00	22.87	Vertical	PASS

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV/m]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Polarity	Verdict
1	2483.5083	68.75	-18.03	50.72	54.00	3.28	Horizontal	PASS
2	2483.5759	61.47	-18.04	43.43	54.00	10.57	Vertical	PASS

3	2484.8911	67.21	-18.38	48.83	54.00	5.17	Horizontal	PASS
4	2485.2739	60.55	-18.44	42.11	54.00	11.89	Vertical	PASS
5	2485.8119	66.97	-18.50	48.47	54.00	5.53	Horizontal	PASS
6	2486.2772	59.60	-18.56	41.04	54.00	12.96	Vertical	PASS
7	2489.1584	64.87	-18.87	46.00	54.00	8.00	Horizontal	PASS
8	2489.1683	58.59	-18.88	39.71	54.00	14.29	Vertical	PASS
9	2493.6040	58.49	-18.93	39.56	54.00	14.44	Vertical	PASS
10	2494.1848	63.94	-18.93	45.01	54.00	8.99	Horizontal	PASS
11	2500.0000	60.87	-18.85	42.02	54.00	11.98	Horizontal	PASS
12	2500.0000	56.87	-18.85	38.02	54.00	15.98	Vertical	PASS