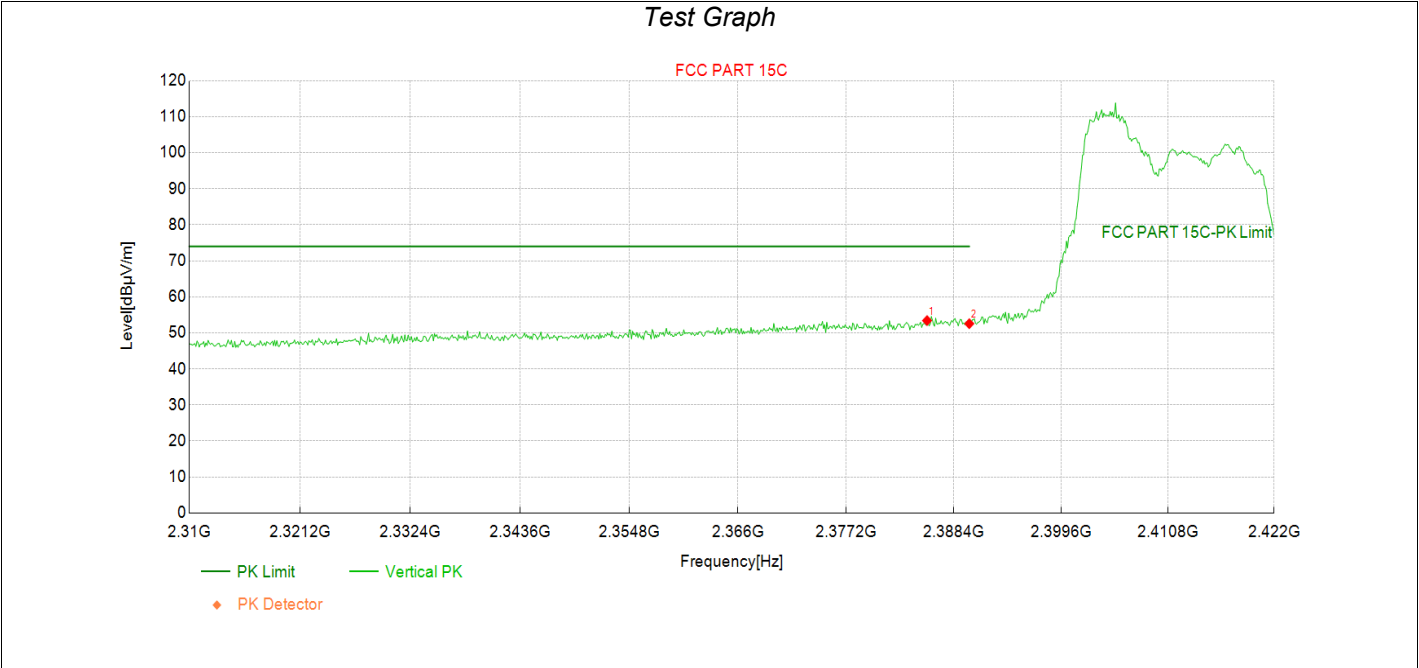
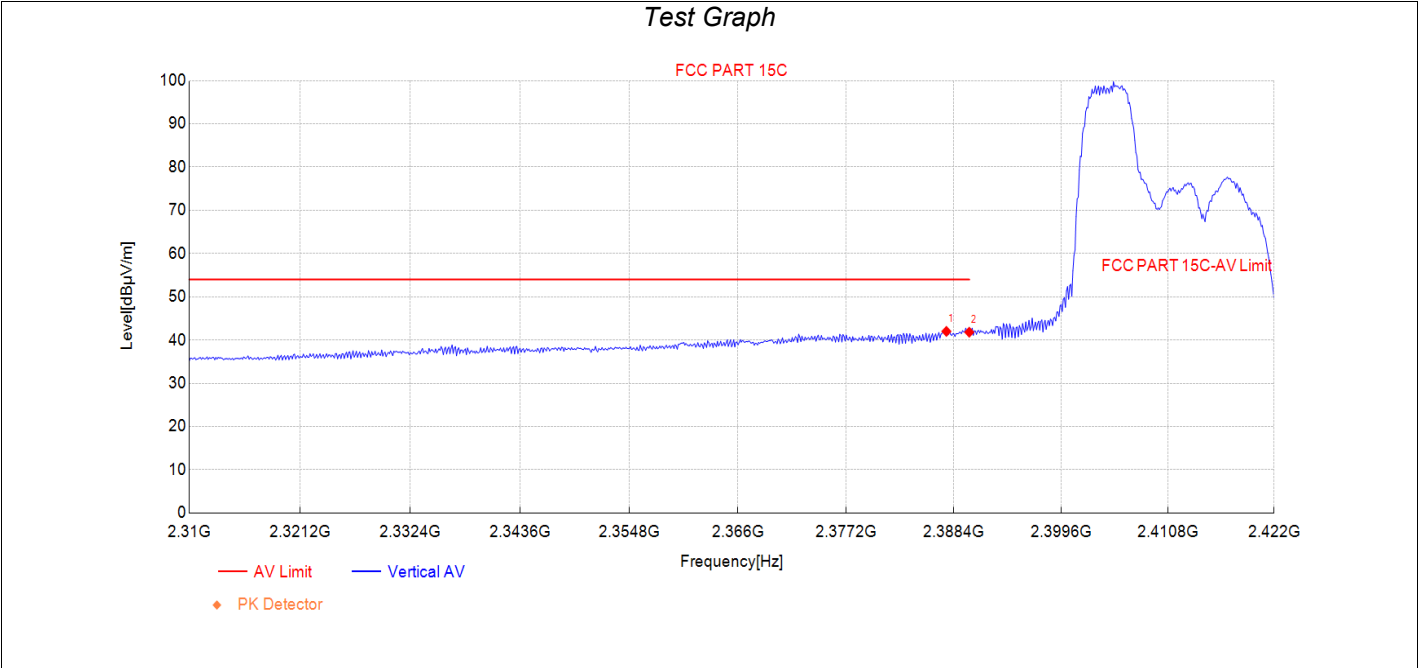


Transmit at 2412MHz by 802.11ax(20MHz) with 52-37



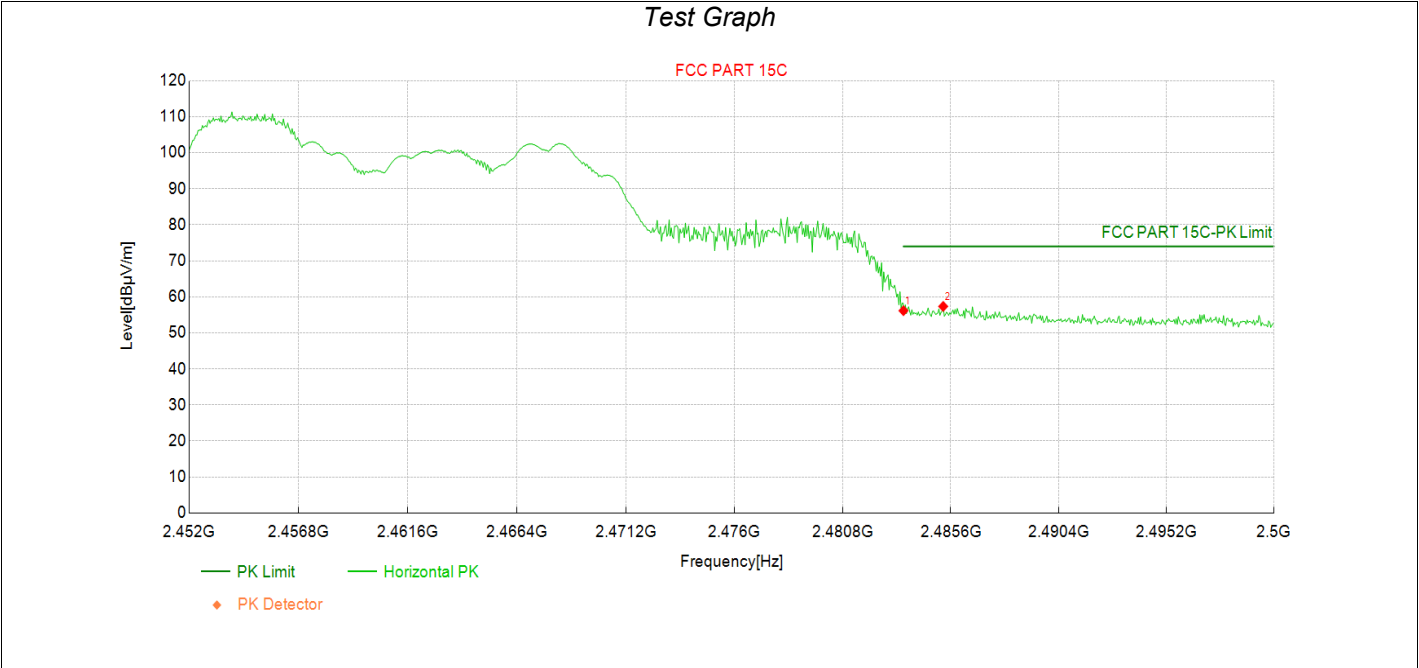
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.60	53.0	53.41	0.410	74.00	20.59	PK	Vertic	PASS
2	2390.00	52.1	52.54	0.420	74.00	21.46	PK	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with 52-37



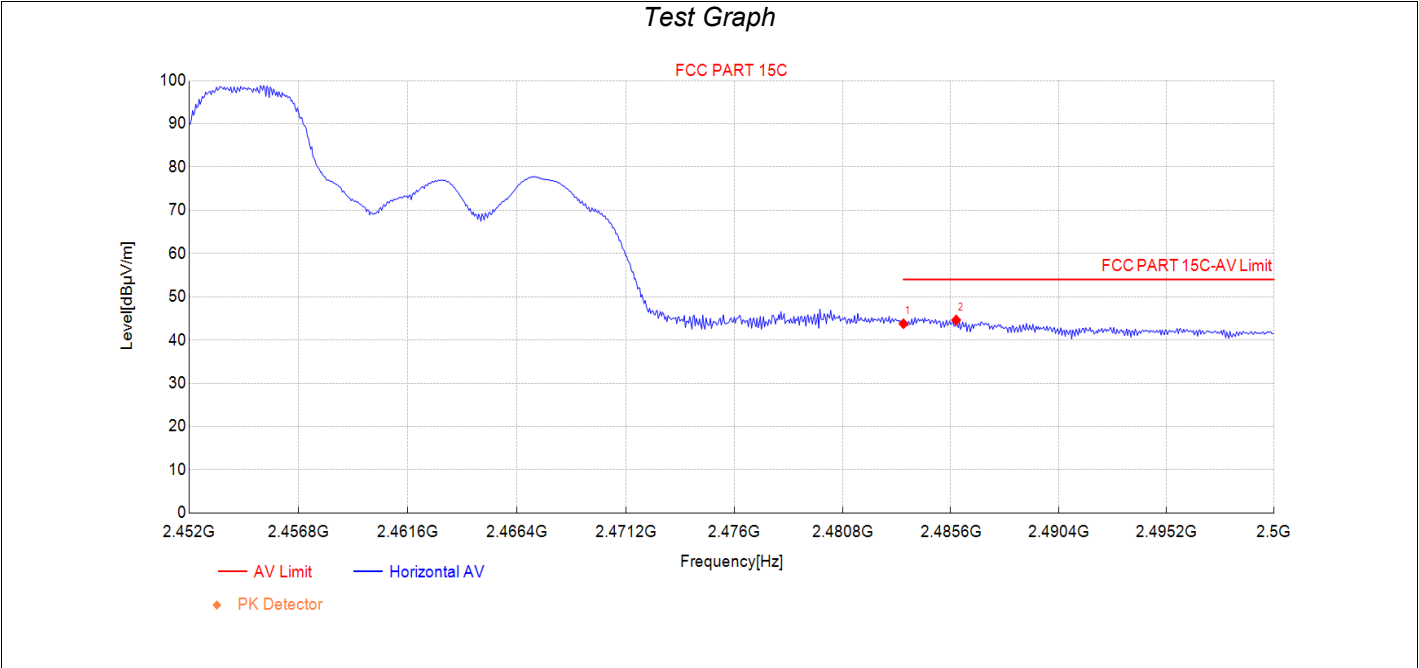
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.62	41.6	42.01	0.410	54.00	11.99	AV	Vertic	PASS
2	2390.00	41.4	41.82	0.420	54.00	12.18	AV	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 52-37



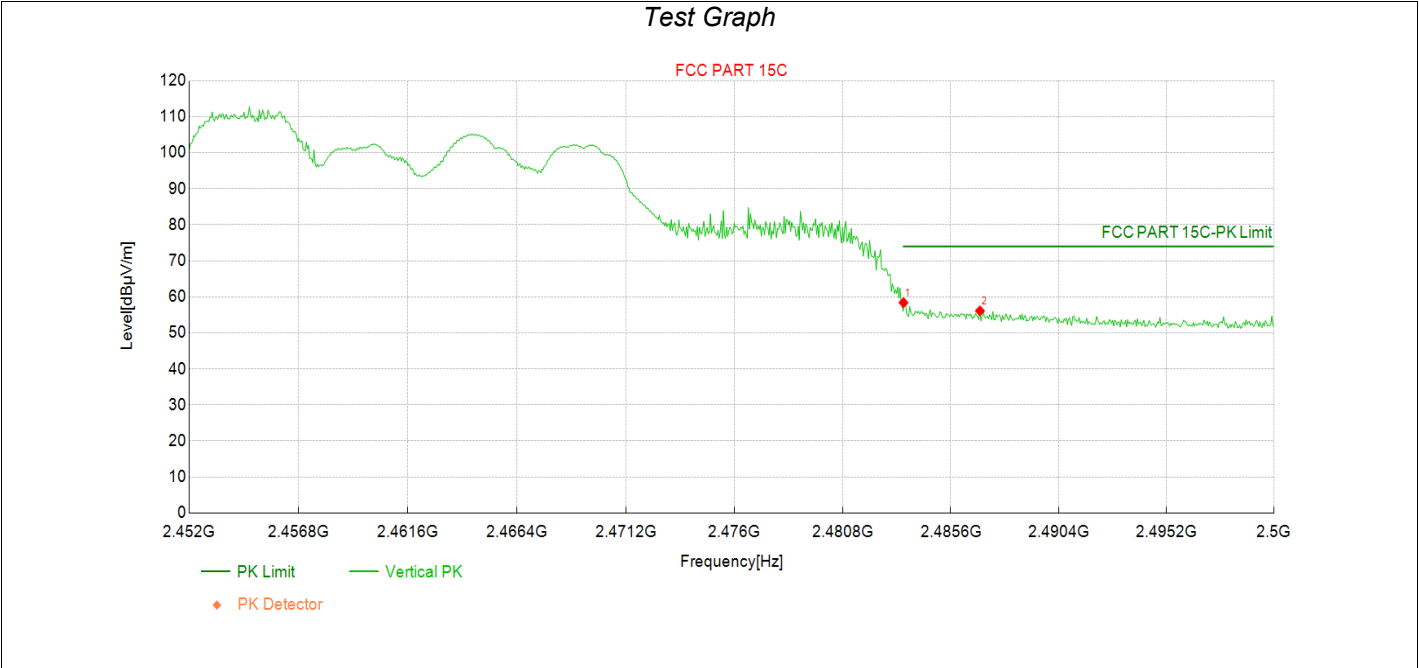
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	55.6	56.16	0.520	74.00	17.84	PK	Horizo	PASS
2	2485.26	56.8	57.34	0.520	74.00	16.66	PK	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 52-37



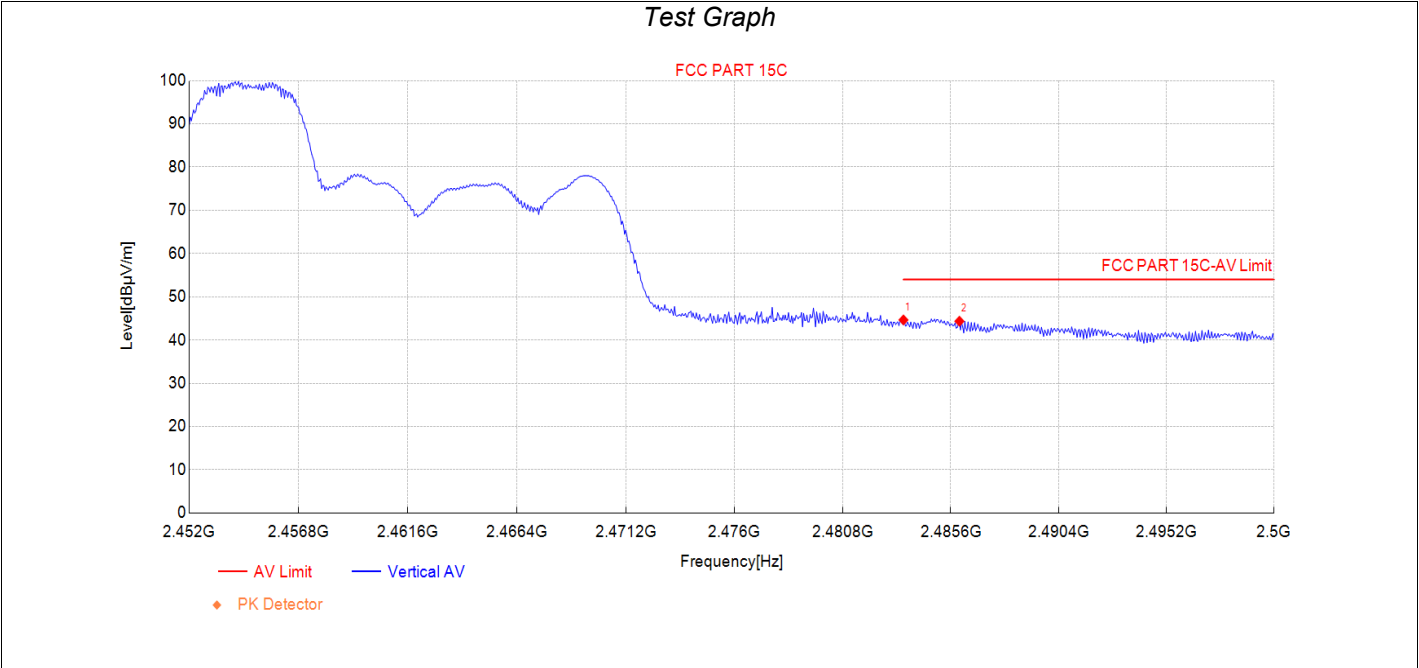
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	43.3	43.77	0.520	54.00	10.23	AV	Horizo	PASS
2	2485.84	44.1	44.64	0.520	54.00	9.36	AV	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 52-37



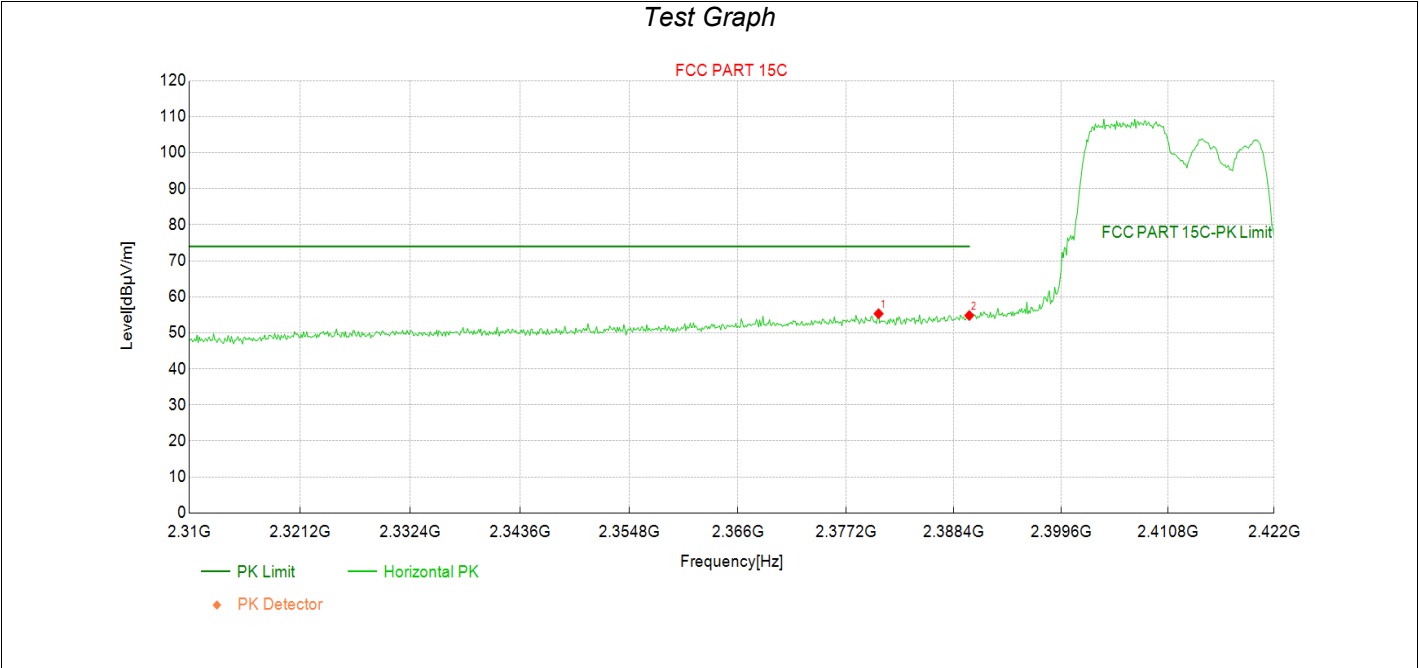
Data List									
NO	Freque ncy [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	2483.50	57.9	58.39	0.520	74.00	15.61	PK	Vertic	PASS
2	2486.90	55.6	56.11	0.520	74.00	17.89	PK	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 52-37



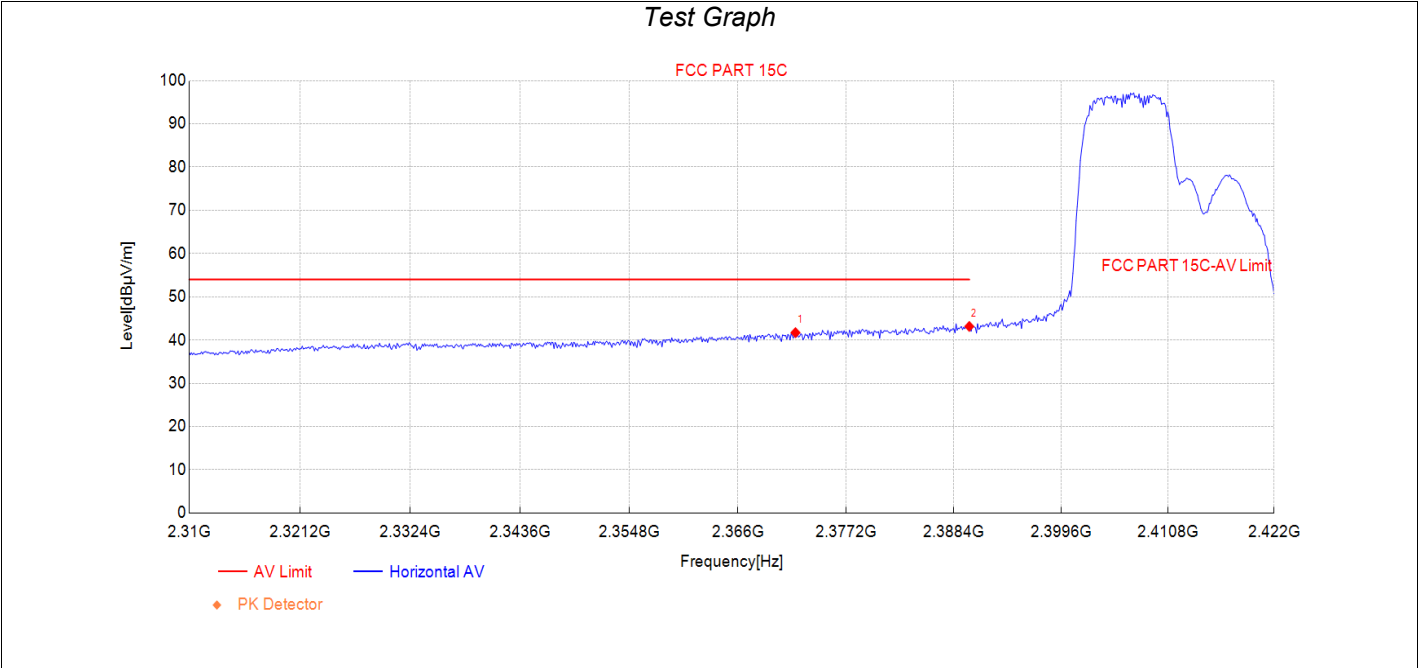
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.1	44.66	0.520	54.00	9.34	AV	Vertic	PASS
2	2485.98	43.8	44.36	0.520	54.00	9.64	AV	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with 106-53



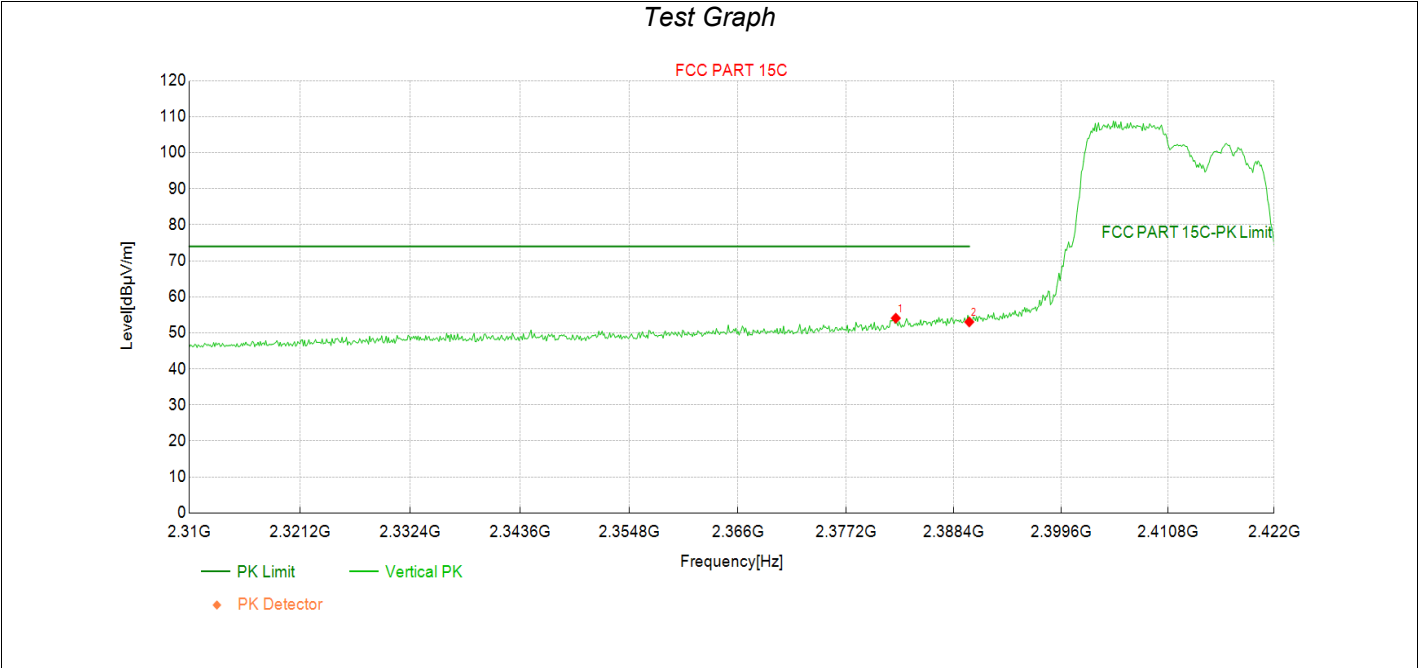
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2380.56	54.9	55.32	0.400	74.00	18.68	PK	Horizo	PASS
2	2390.00	54.4	54.82	0.420	74.00	19.18	PK	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with 106-53



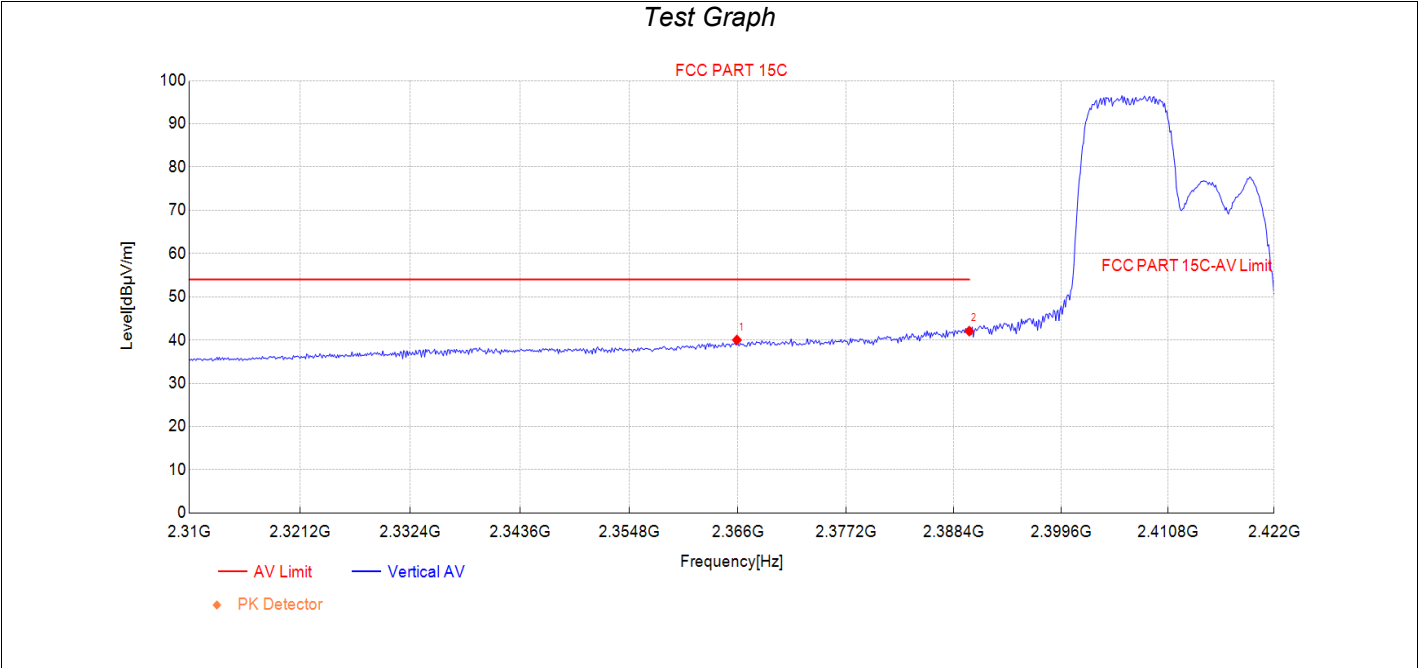
Data List									
NO	Freque ncy [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	2371.94	41.3	41.72	0.400	54.00	12.28	AV	Horizo	PASS
2	2390.00	42.7	43.15	0.420	54.00	10.85	AV	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with 106-53



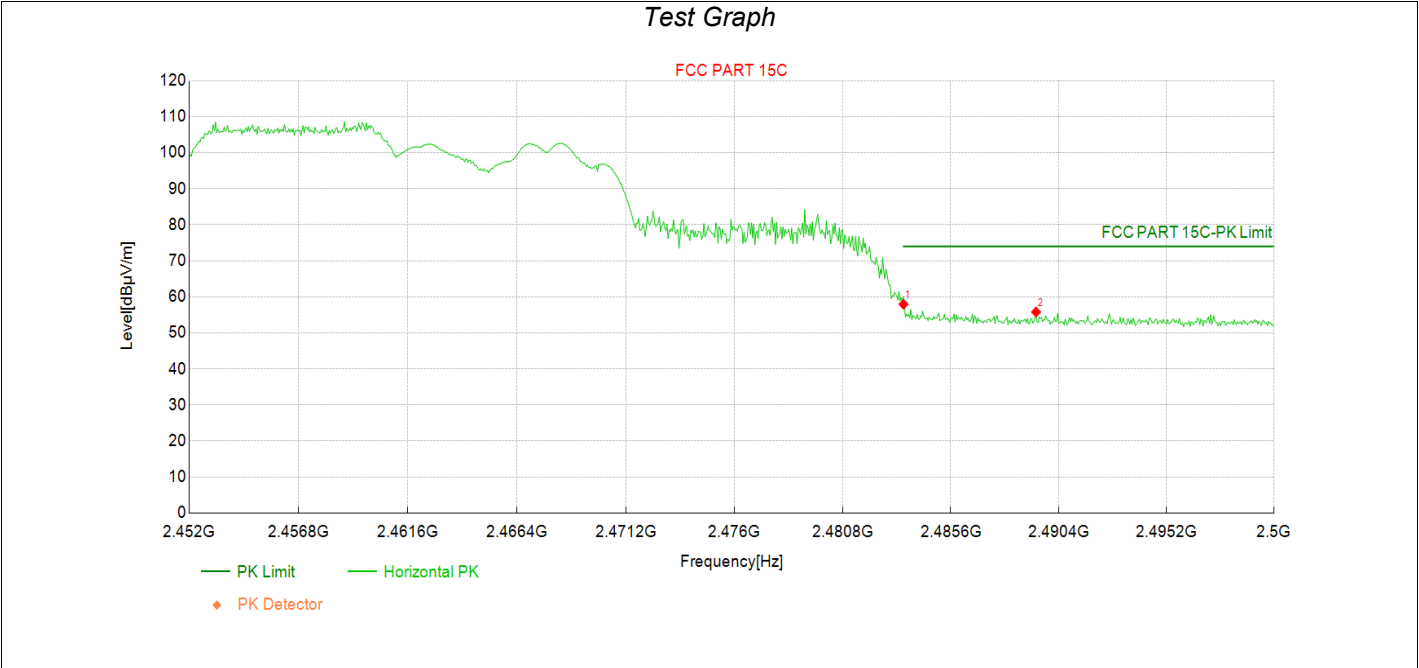
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2382.35	53.7	54.07	0.410	74.00	19.93	PK	Vertic	PASS
2	2390.00	52.6	53.03	0.420	74.00	20.97	PK	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with 106-53



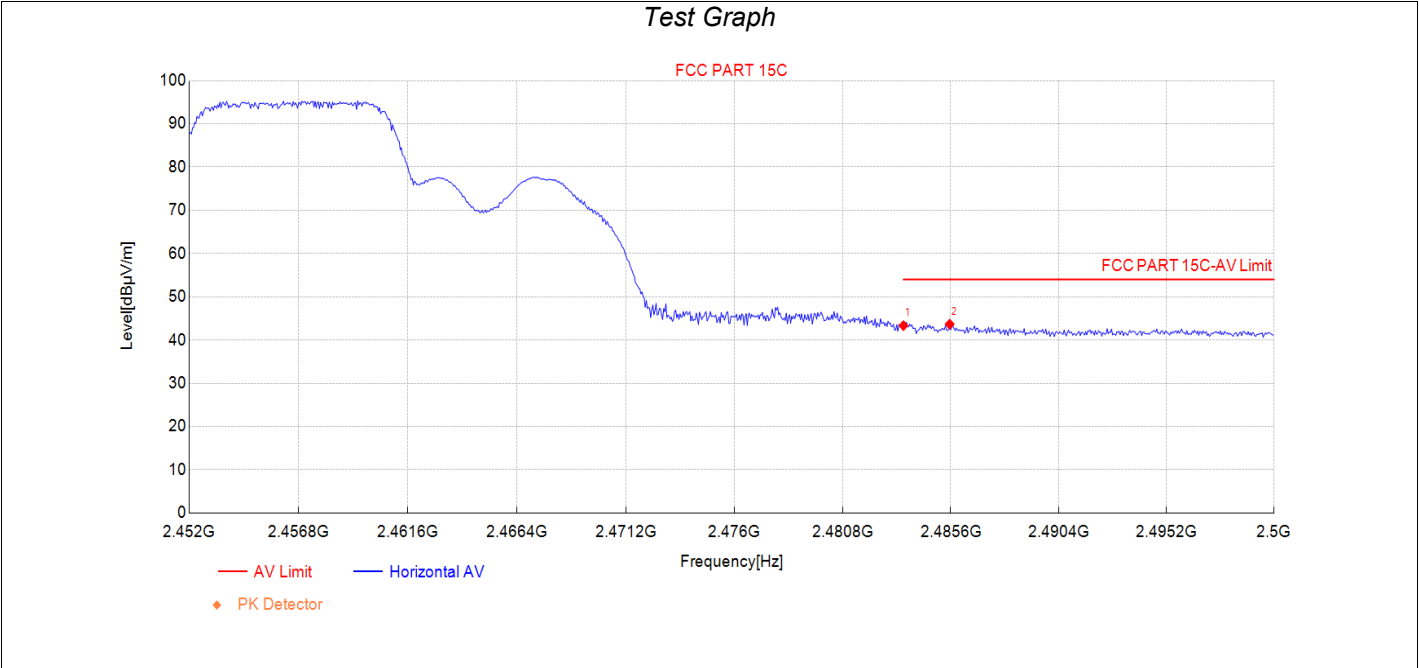
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2365.89	39.6	40.02	0.410	54.00	13.98	AV	Vertic	PASS
2	2390.00	41.7	42.07	0.420	54.00	11.93	AV	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 106-53



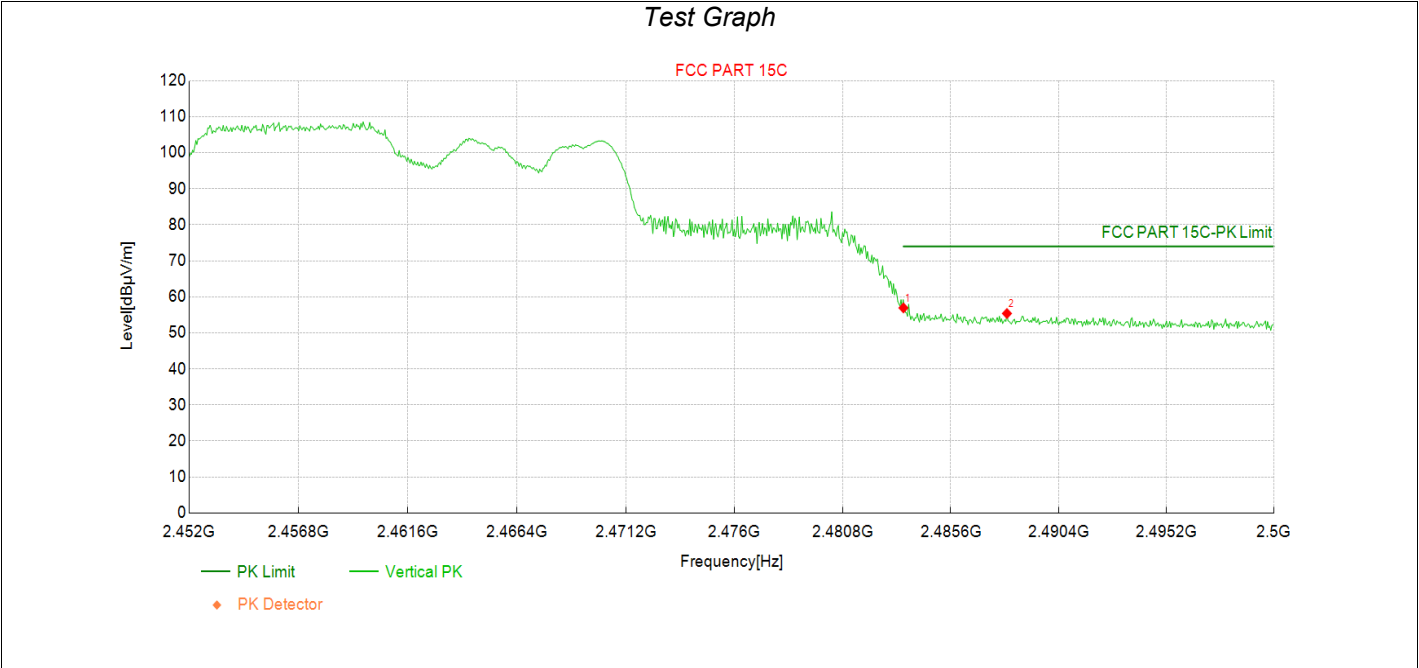
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	57.4	57.94	0.520	74.00	16.06	PK	Horizo	PASS
2	2489.39	55.3	55.80	0.540	74.00	18.20	PK	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 106-53



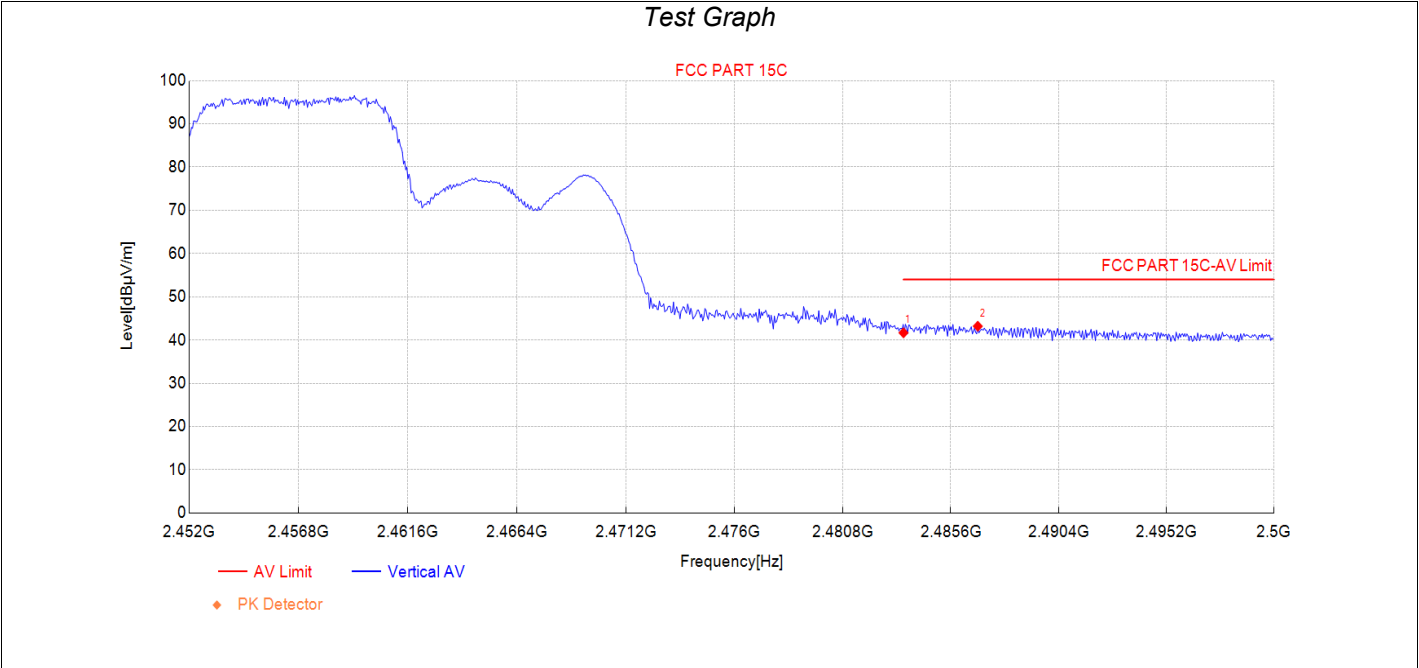
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.8	43.33	0.520	54.00	10.67	AV	Horizo	PASS
2	2485.55	43.1	43.66	0.520	54.00	10.34	AV	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 106-53



Data List									
NO	Freque ncy [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	2483.50	56.4	56.92	0.520	74.00	17.08	PK	Vertic	PASS
2	2488.10	54.8	55.37	0.540	74.00	18.63	PK	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with 106-53



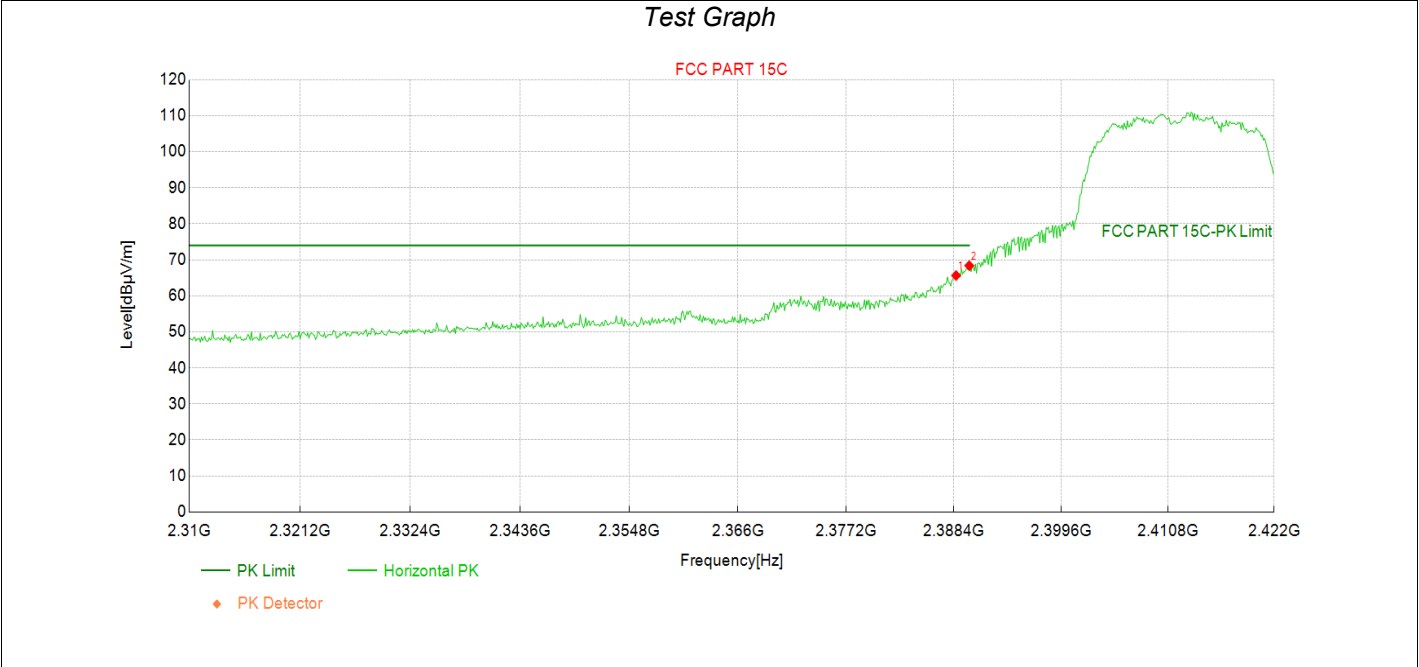
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	41.2	41.68	0.520	54.00	12.32	AV	Vertic	PASS
2	2486.80	42.7	43.20	0.520	54.00	10.80	AV	Vertic	PASS

Note:
1.Level=Reading+Factor
2. Margin=Limit-Level

Antenna Pre-test Results:

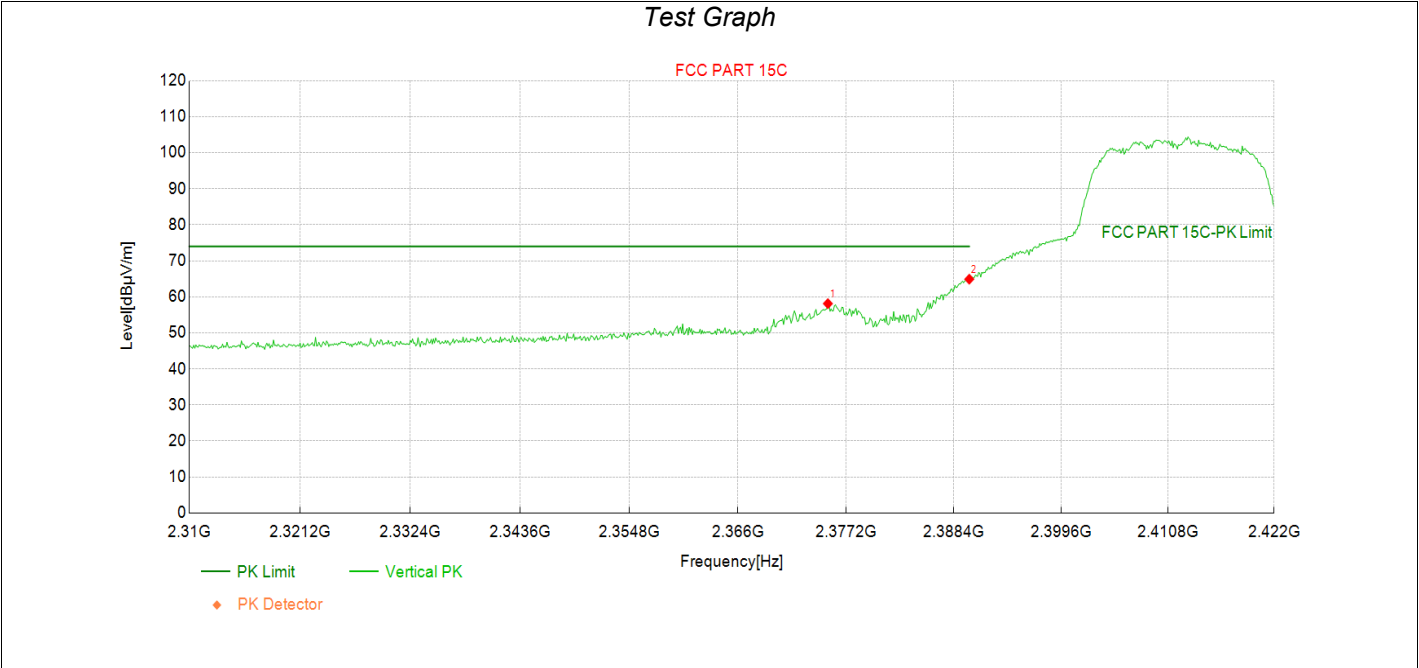
FPC Antenna:

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



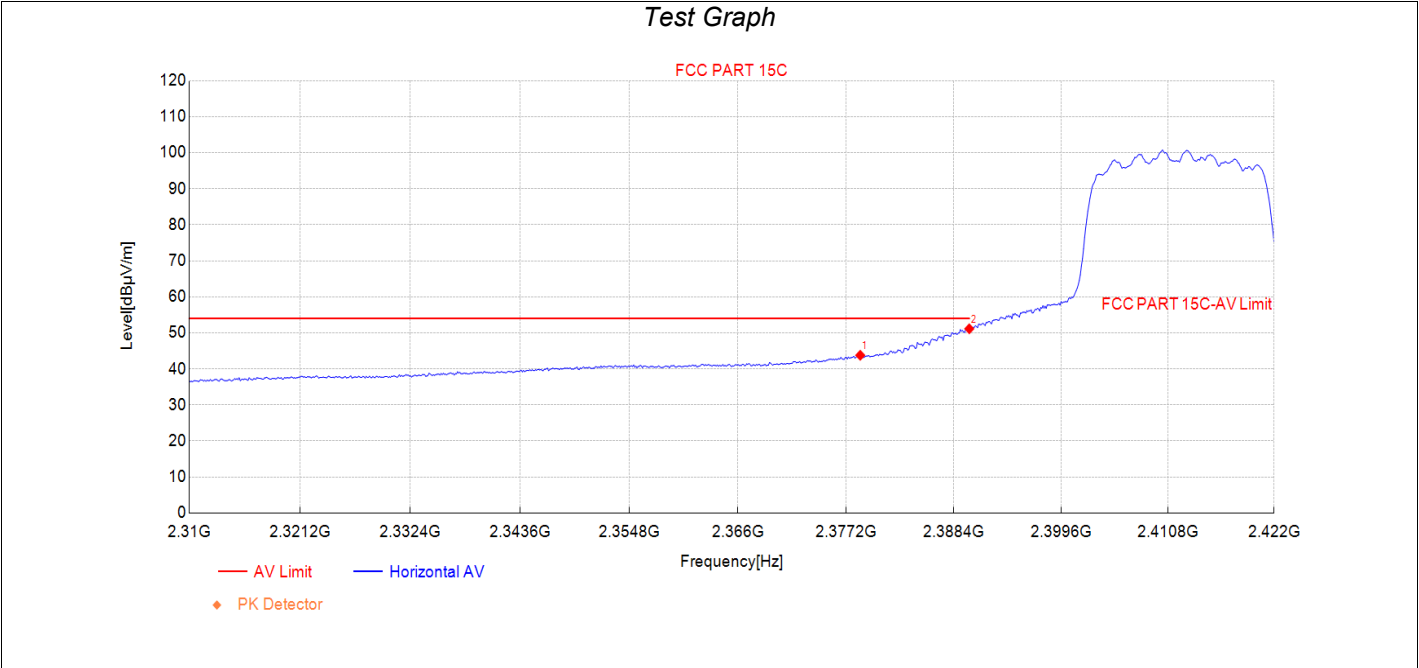
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.62	65.2	65.63	0.420	74.00	8.37	PK	Horizo	PASS
2	2390.00	68.0	68.37	0.420	74.00	5.63	PK	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



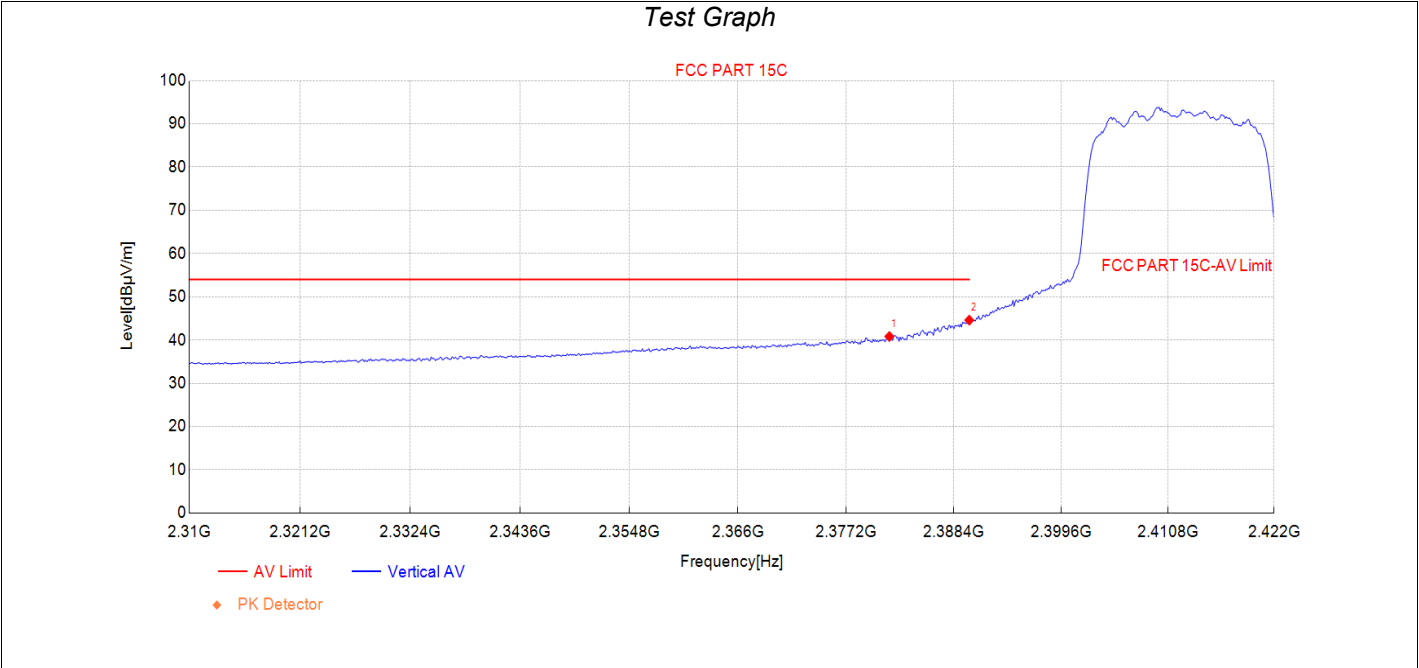
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2375.30	57.7	58.11	0.400	74.00	15.89	PK	Vertic	PASS
2	2390.00	64.5	64.90	0.420	74.00	9.10	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2378.66	43.4	43.78	0.400	54.00	10.22	AV	Horizo	PASS
2	2390.00	50.7	51.13	0.420	54.00	2.87	AV	Horizo	PASS

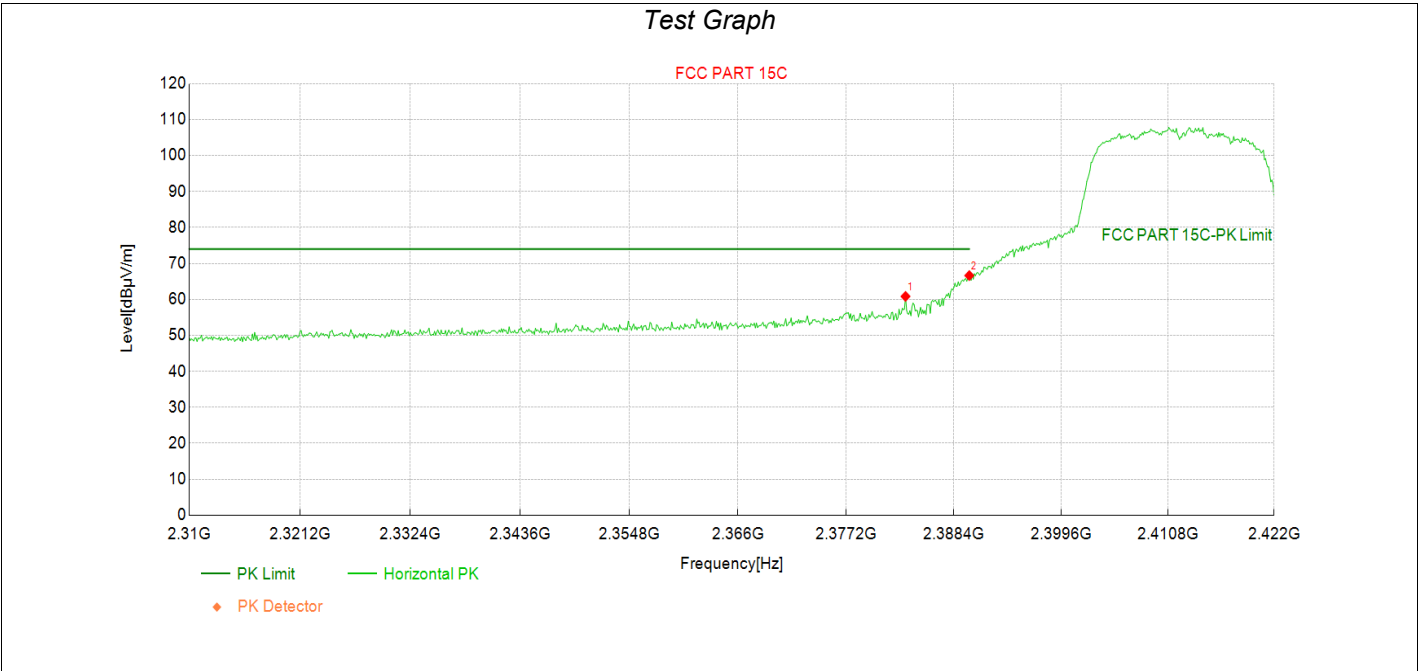
Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2381.68	40.4	40.83	0.410	54.00	13.17	AV	Vertic	PASS
2	2390.00	44.2	44.61	0.420	54.00	9.39	AV	Vertic	PASS

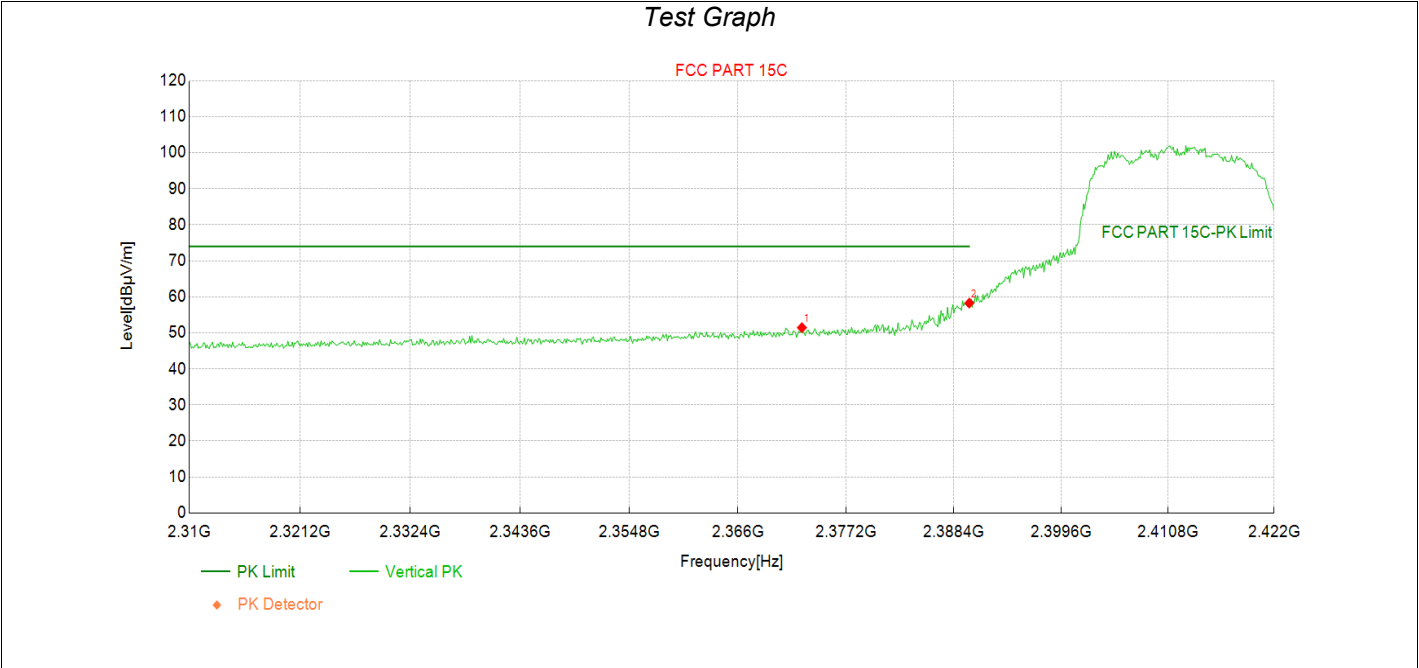
PIFA Antenna:

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



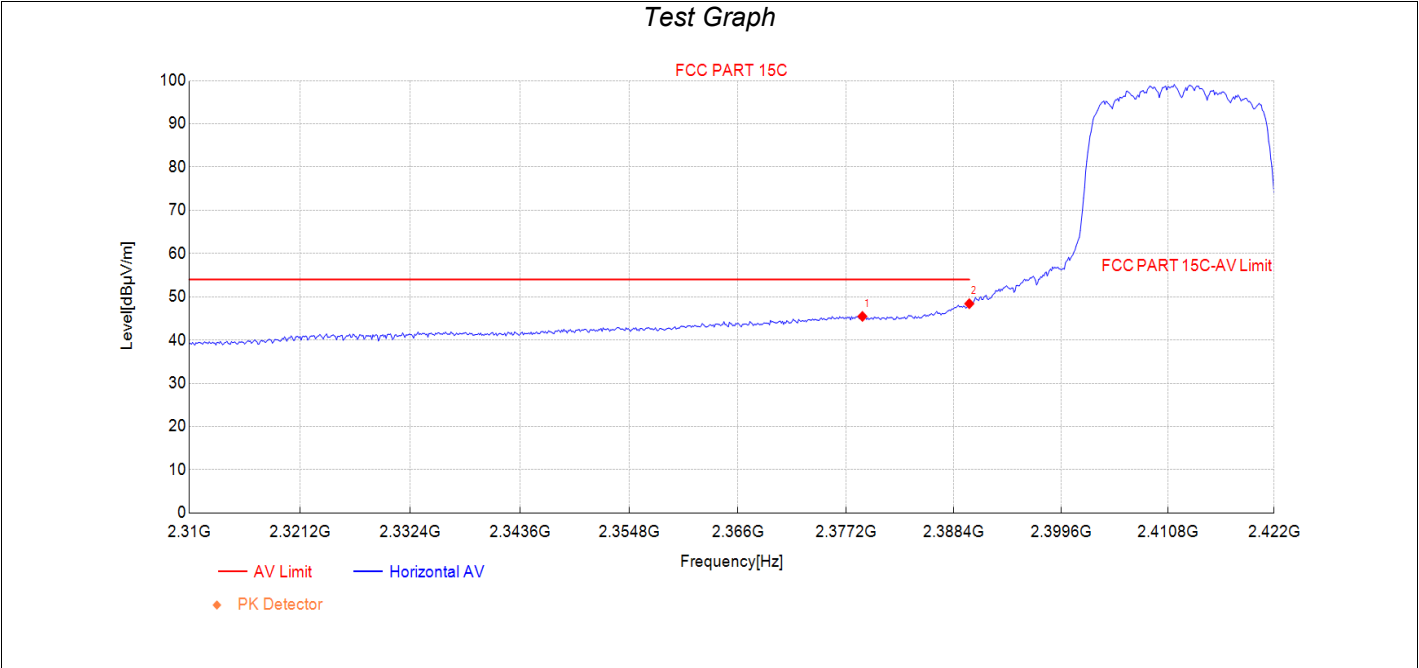
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2383.36	60.4	60.83	0.410	74.00	13.17	PK	Horizo	PASS
2	2390.00	66.2	66.63	0.420	74.00	7.37	PK	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



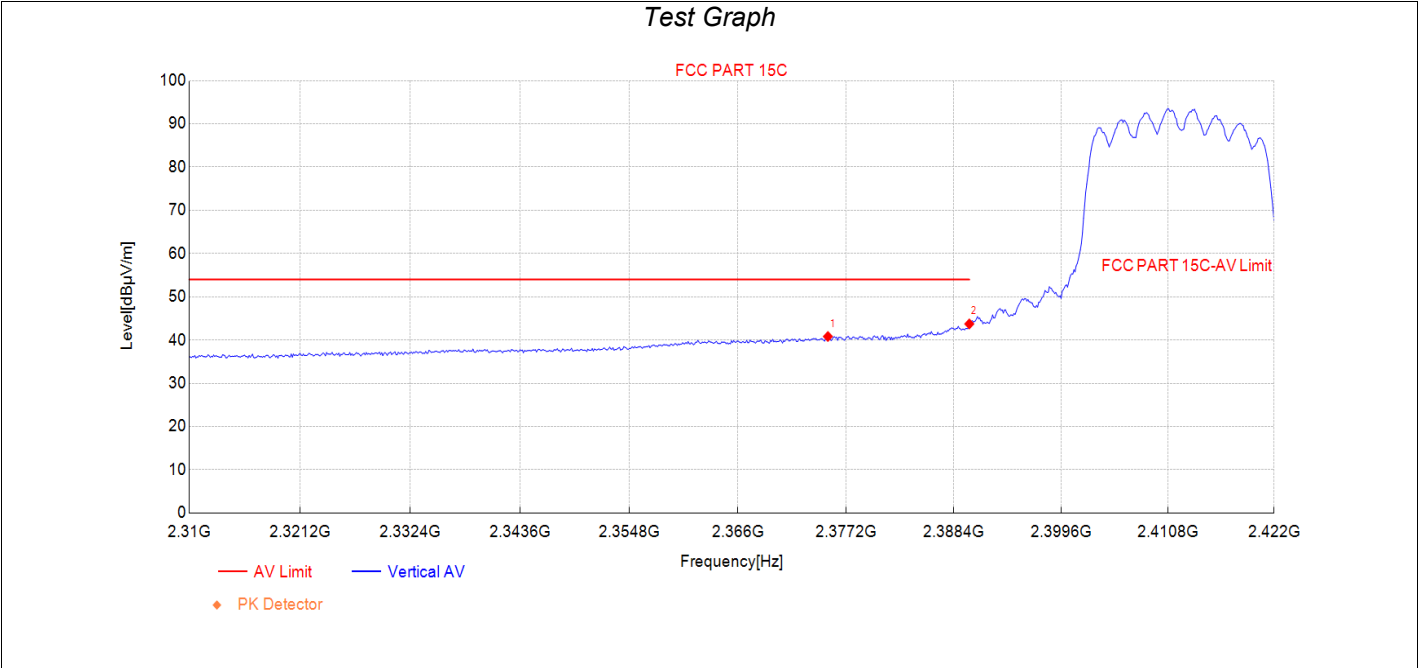
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2372.61	51.1	51.45	0.400	74.00	22.55	PK	Vertic	PASS
2	2390.00	57.8	58.25	0.420	74.00	15.75	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

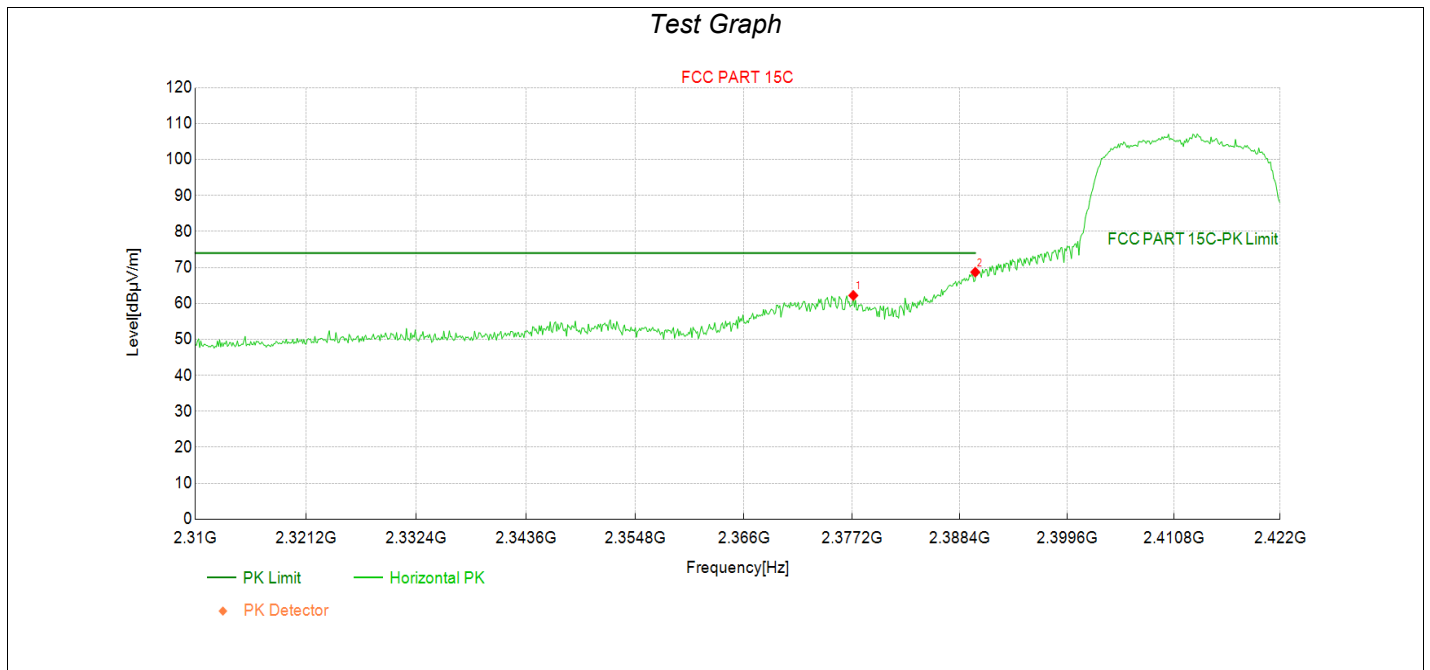


Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2378.88	45.1	45.47	0.400	54.00	8.53	AV	Horizo	PASS
2	2390.00	48.0	48.41	0.420	54.00	5.59	AV	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

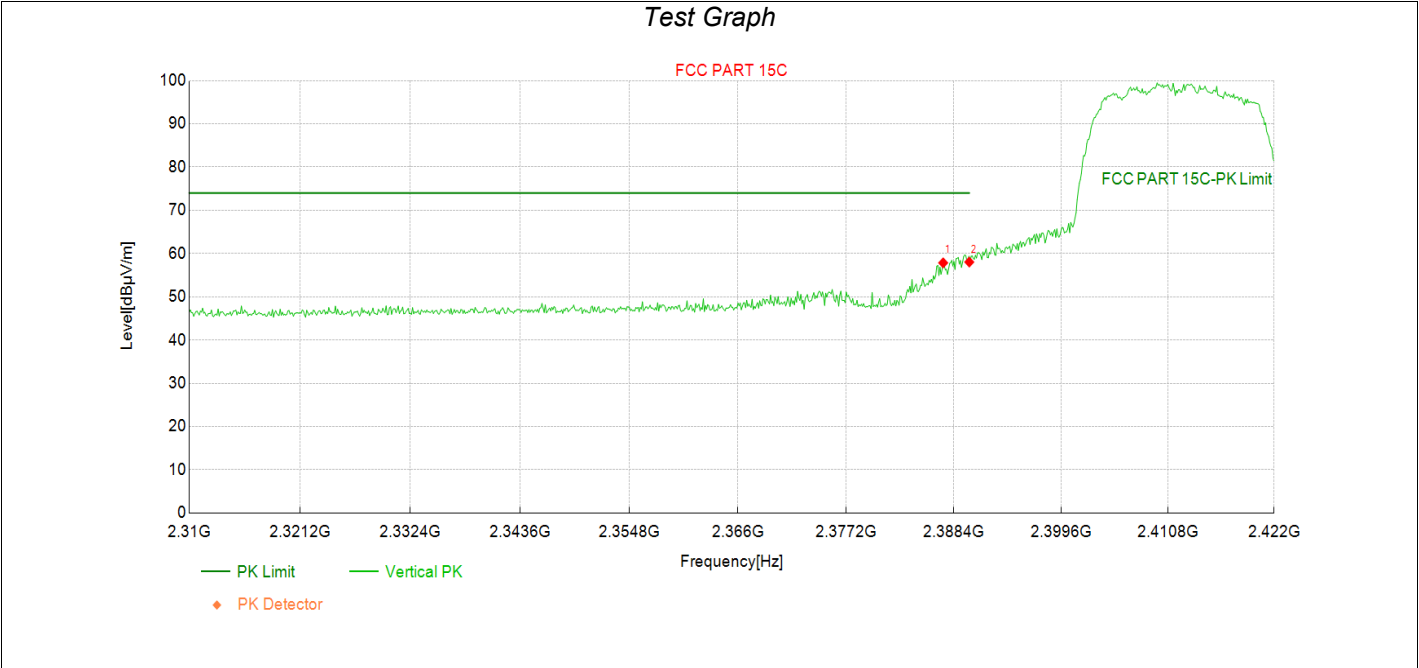


Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2375.30	40.4	40.83	0.400	54.00	13.17	AV	Vertic	PASS
2	2390.00	43.3	43.73	0.420	54.00	10.27	AV	Vertic	PASS

PCB Antenna:**Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2**

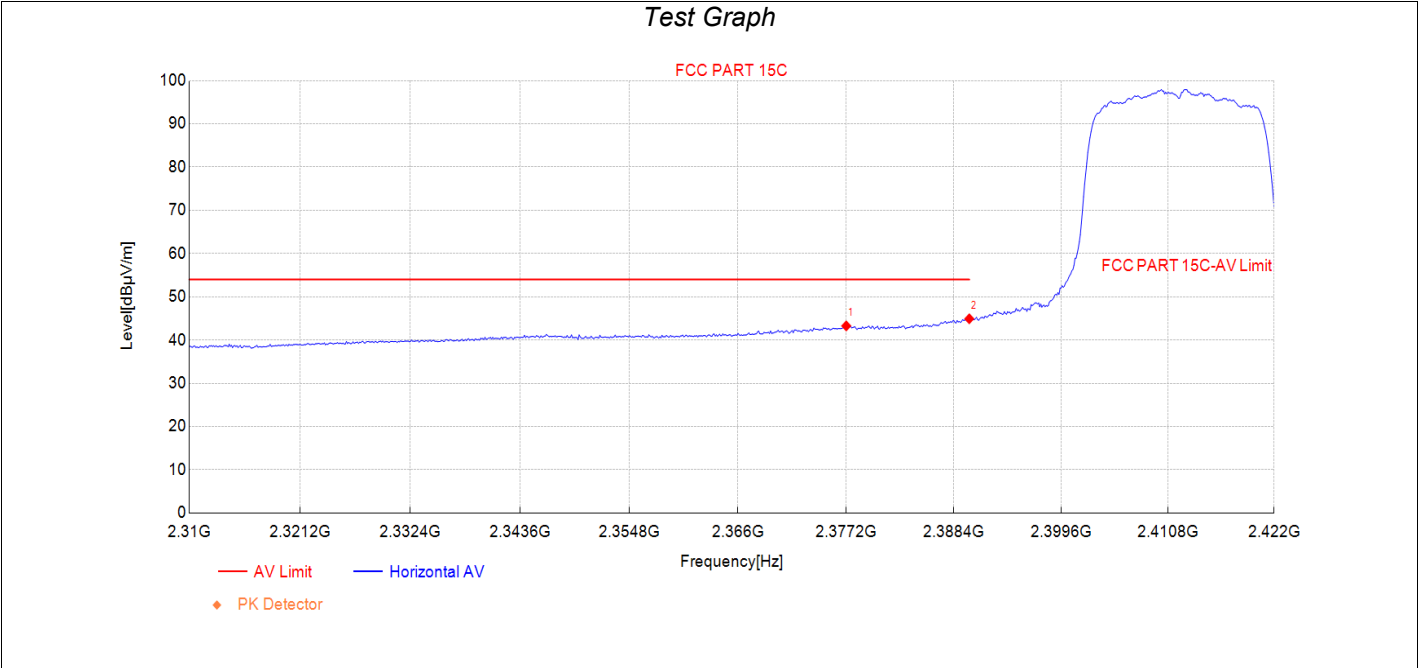
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2377.31	61.8	62.21	0.400	74.00	11.79	PK	Horizo	PASS
2	2390.00	68.3	68.69	0.420	74.00	5.31	PK	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



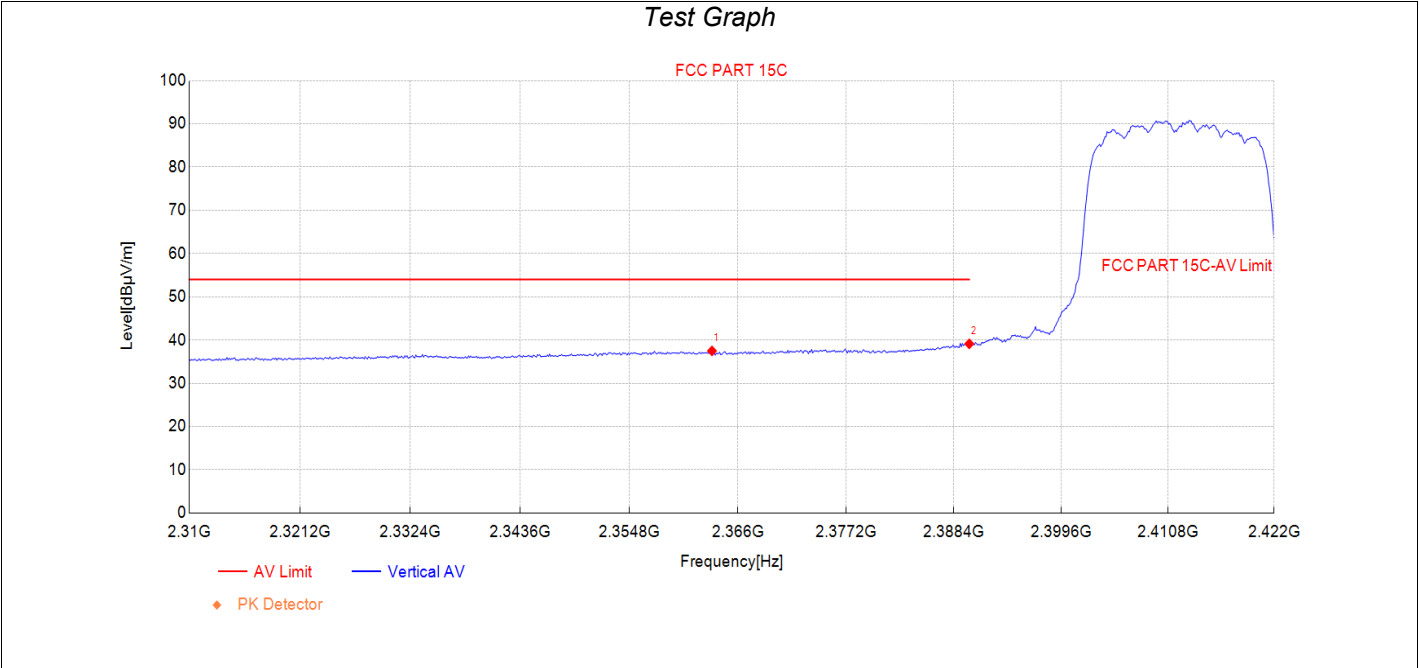
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.28	57.5	57.86	0.410	74.00	16.14	PK	Vertic	PASS
2	2390.00	57.6	58.04	0.420	74.00	15.96	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2377.20	42.9	43.28	0.400	54.00	10.72	AV	Horizo	PASS
2	2390.00	44.5	44.92	0.420	54.00	9.08	AV	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

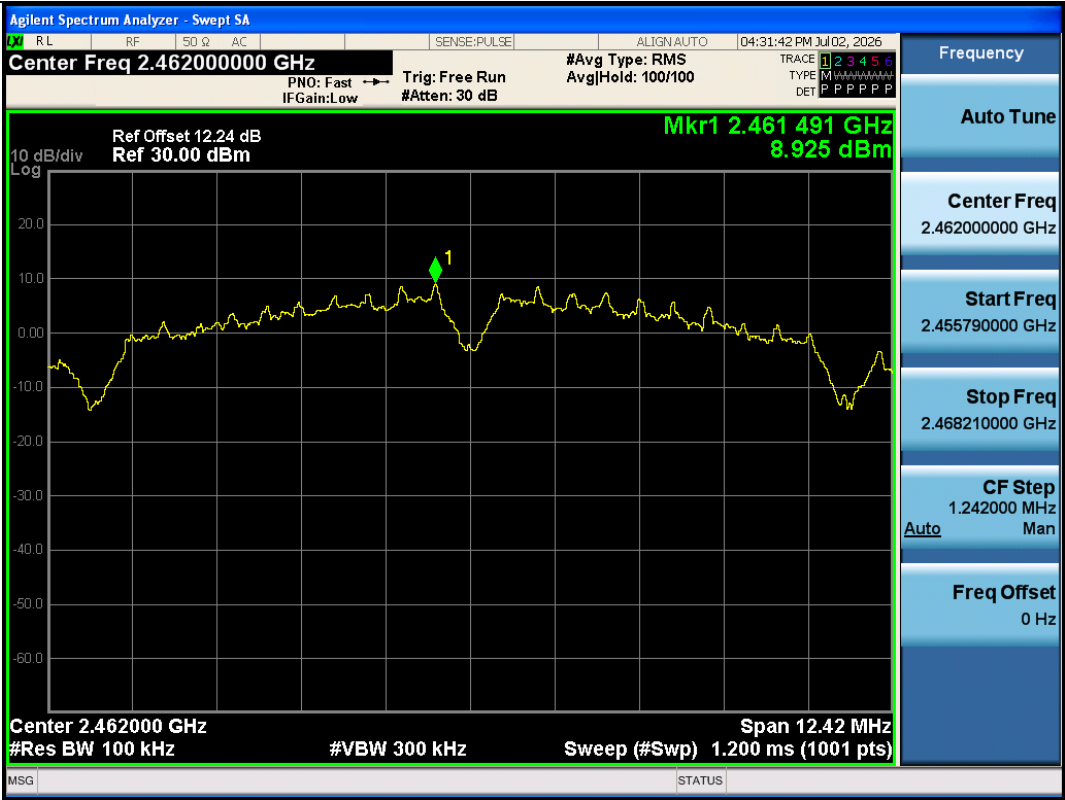


Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2363.31	37.1	37.49	0.400	54.00	16.51	AV	Vertic	PASS
2	2390.00	38.7	39.13	0.420	54.00	14.87	AV	Vertic	PASS

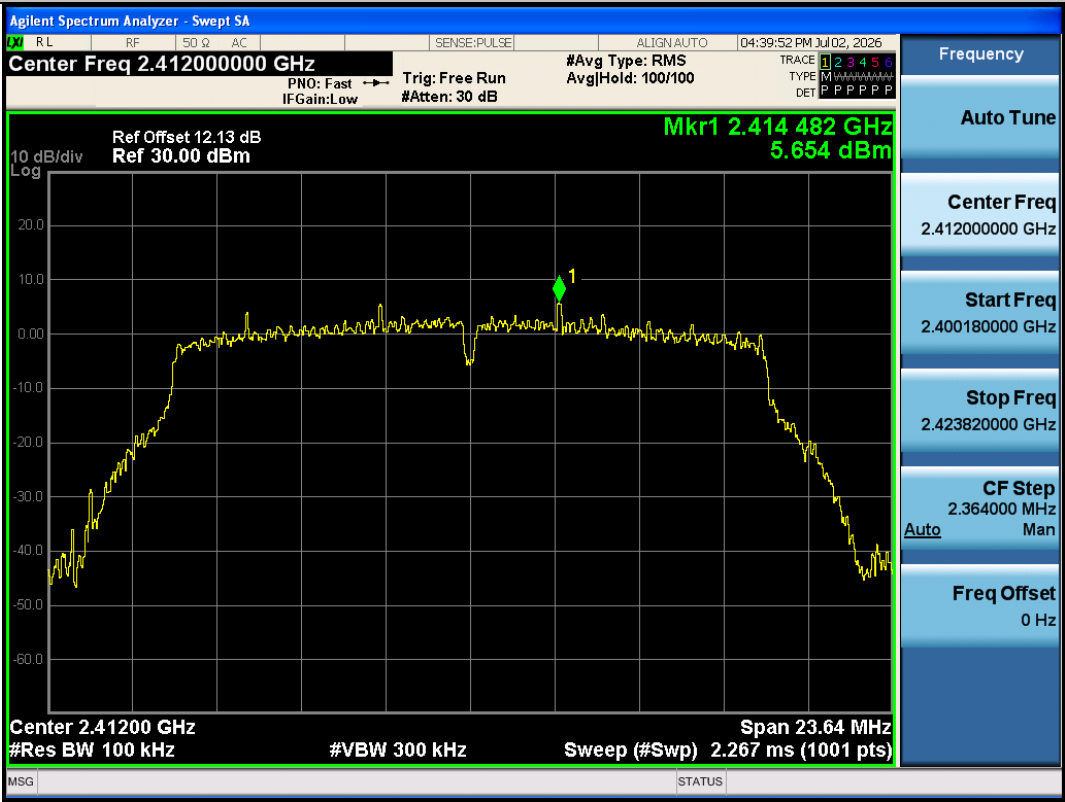
Appendix E: Conducted Spurious Emission

Test Result for Reference level:

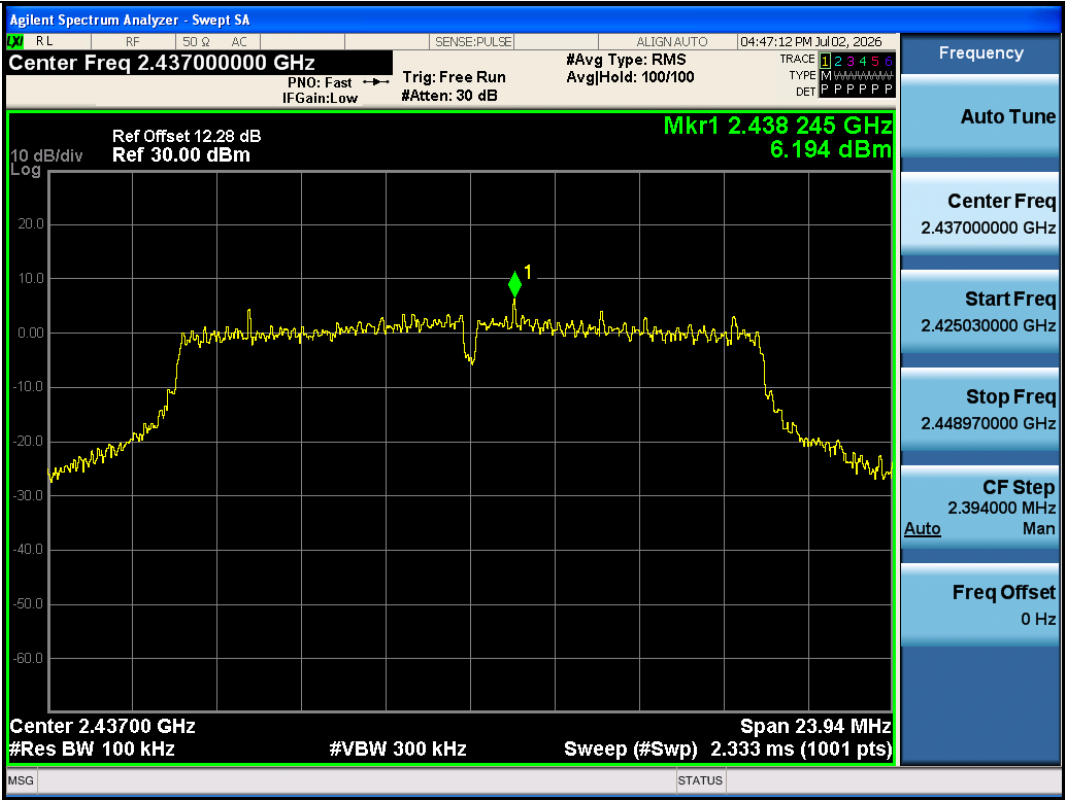




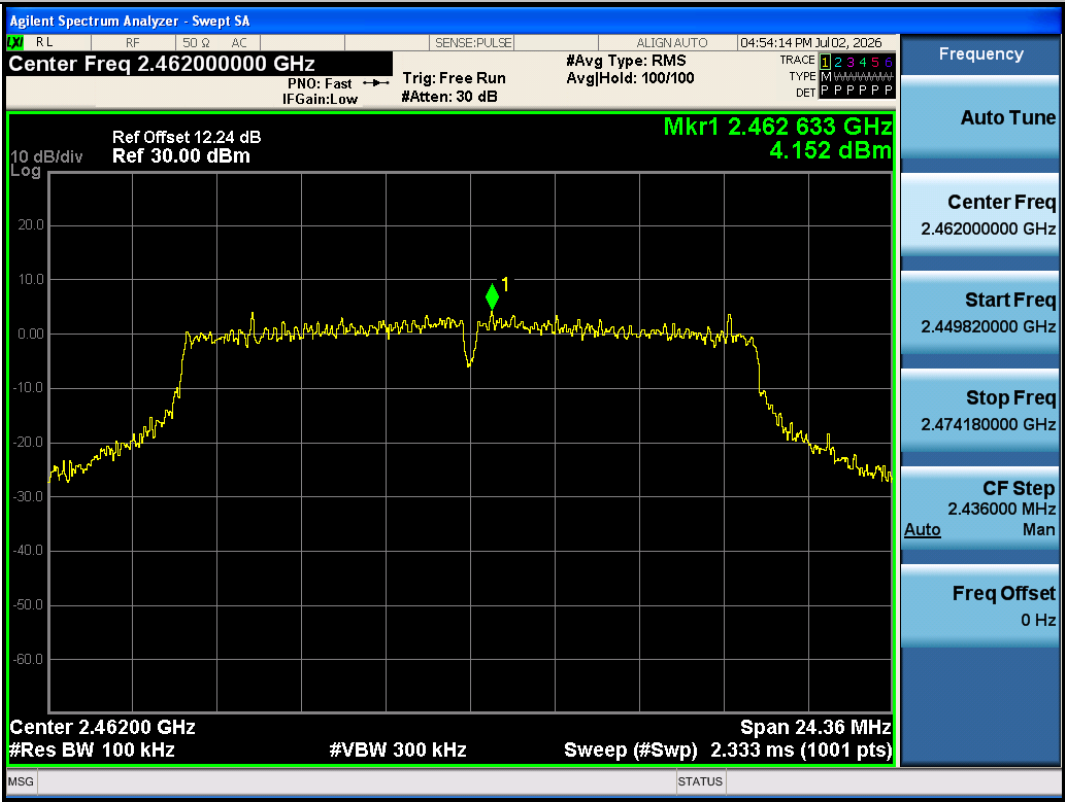
11B-2462-PASS



11G-2412-PASS



11G-2437-PASS



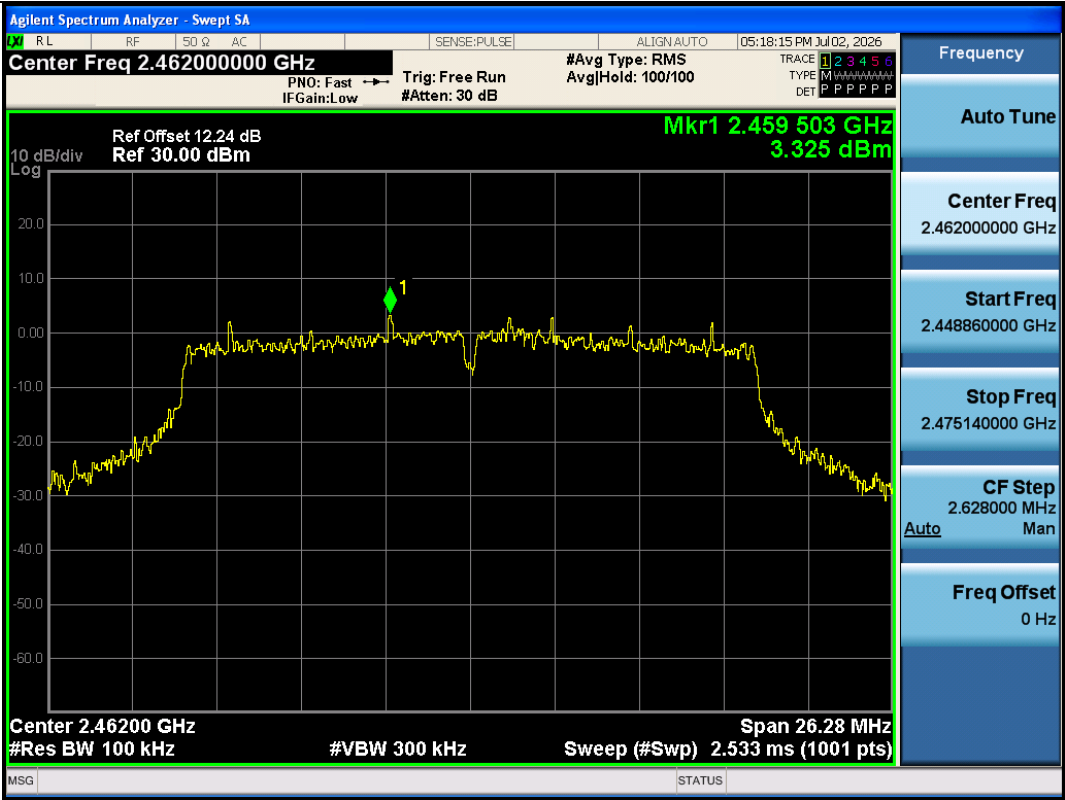
11G-2462-PASS



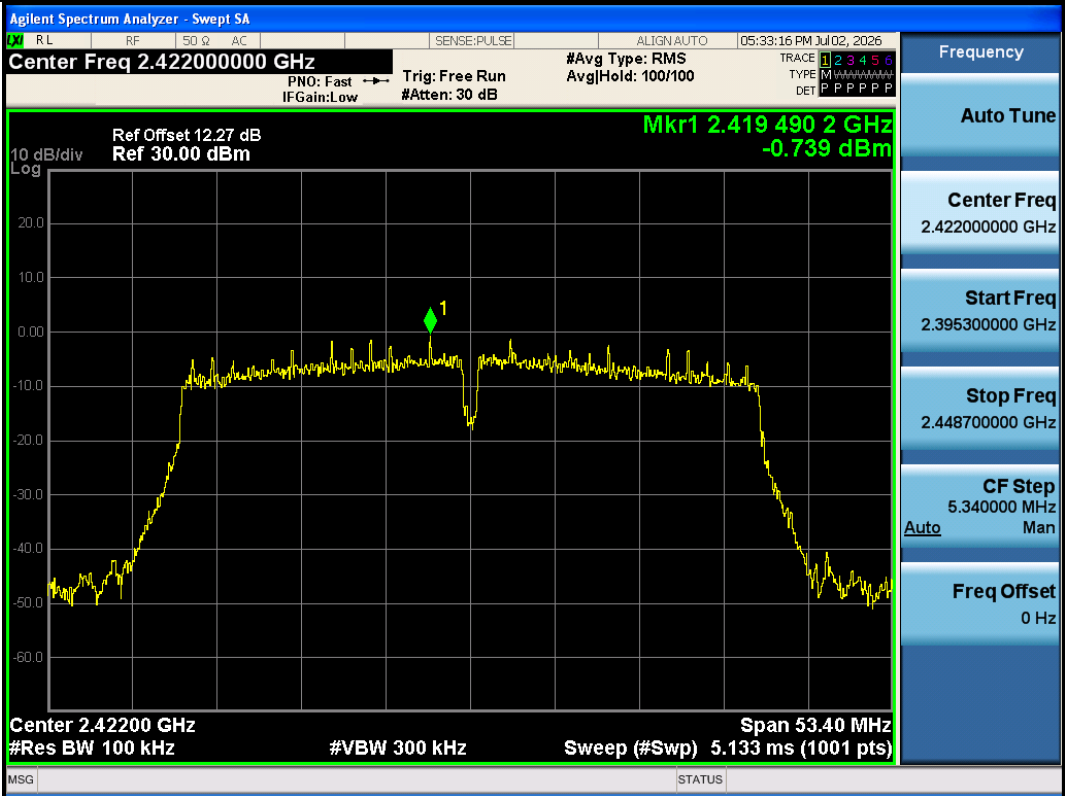
11N20-2412-PASS



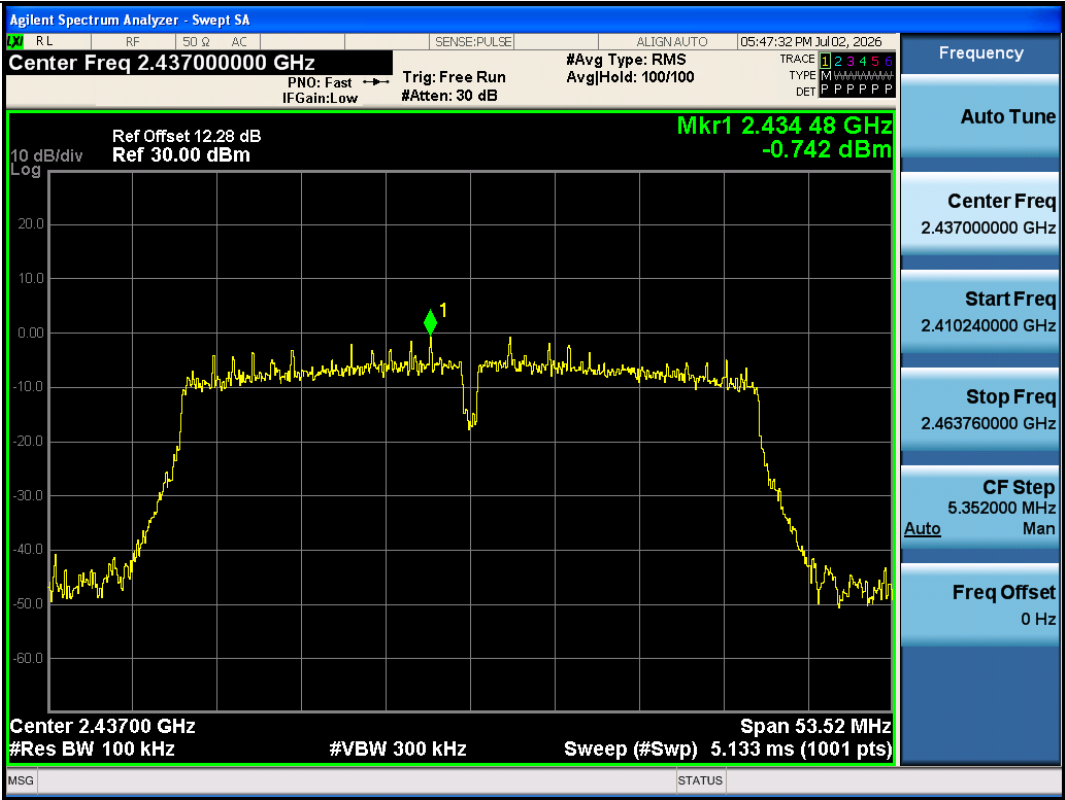
11N20-2437-PASS



11N20-2462-PASS



11N40-2422-PASS



11N40-2437-PASS



11N40-2452-PASS



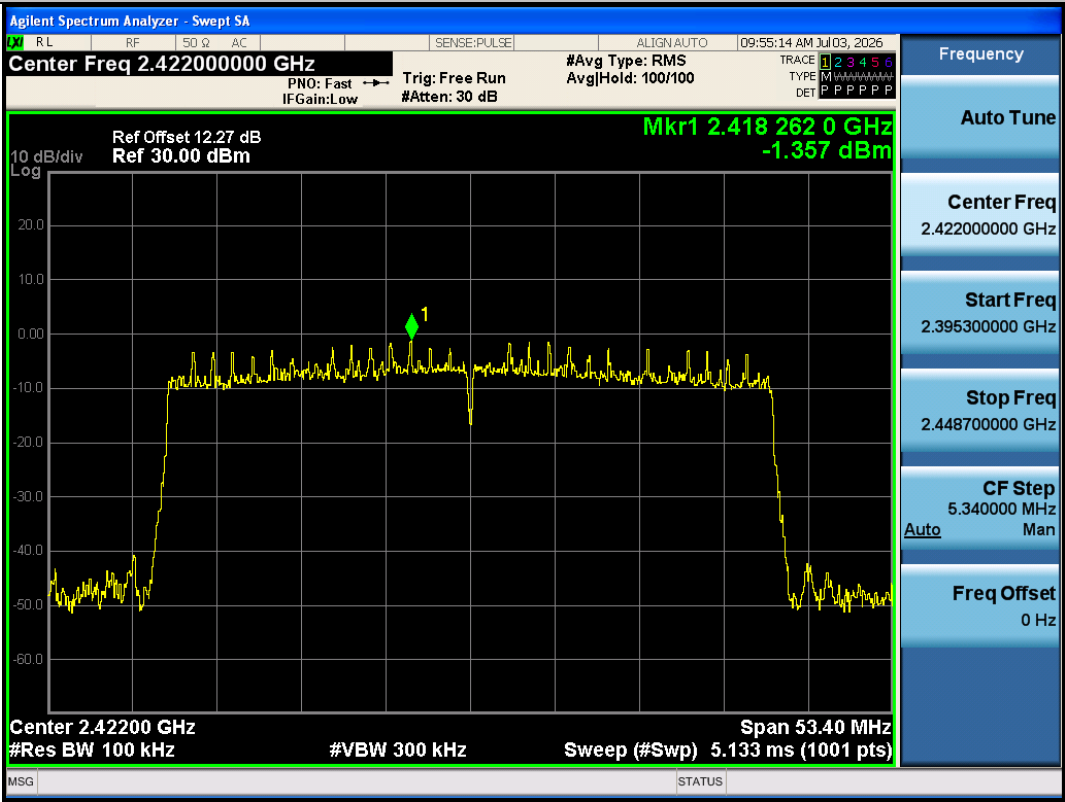
11AX20-2412-PASS



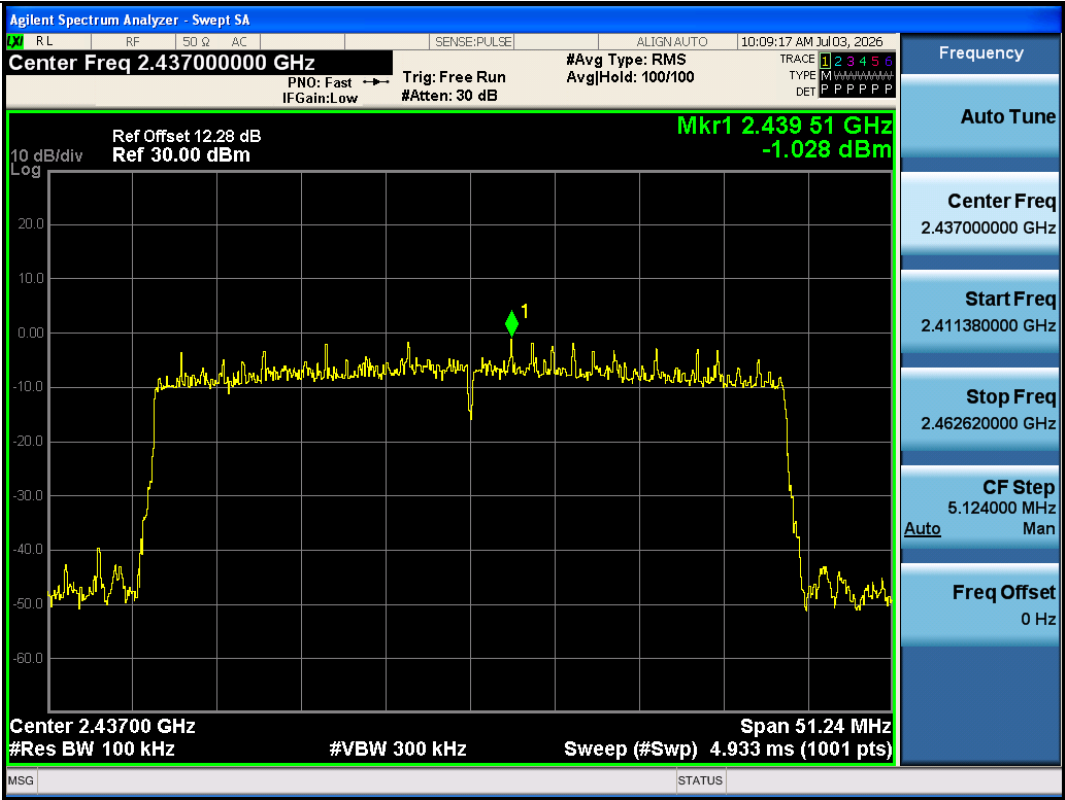
11AX20-2437-PASS



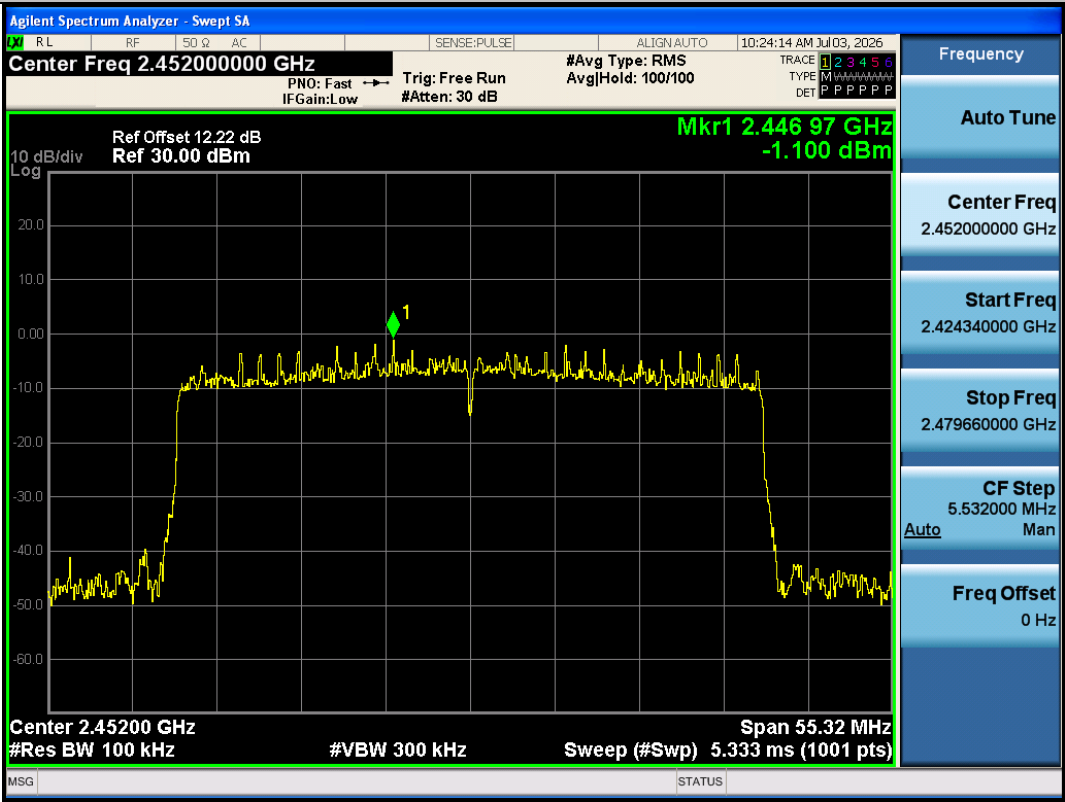
11AX20-2462-PASS



11AX40-2422-PASS

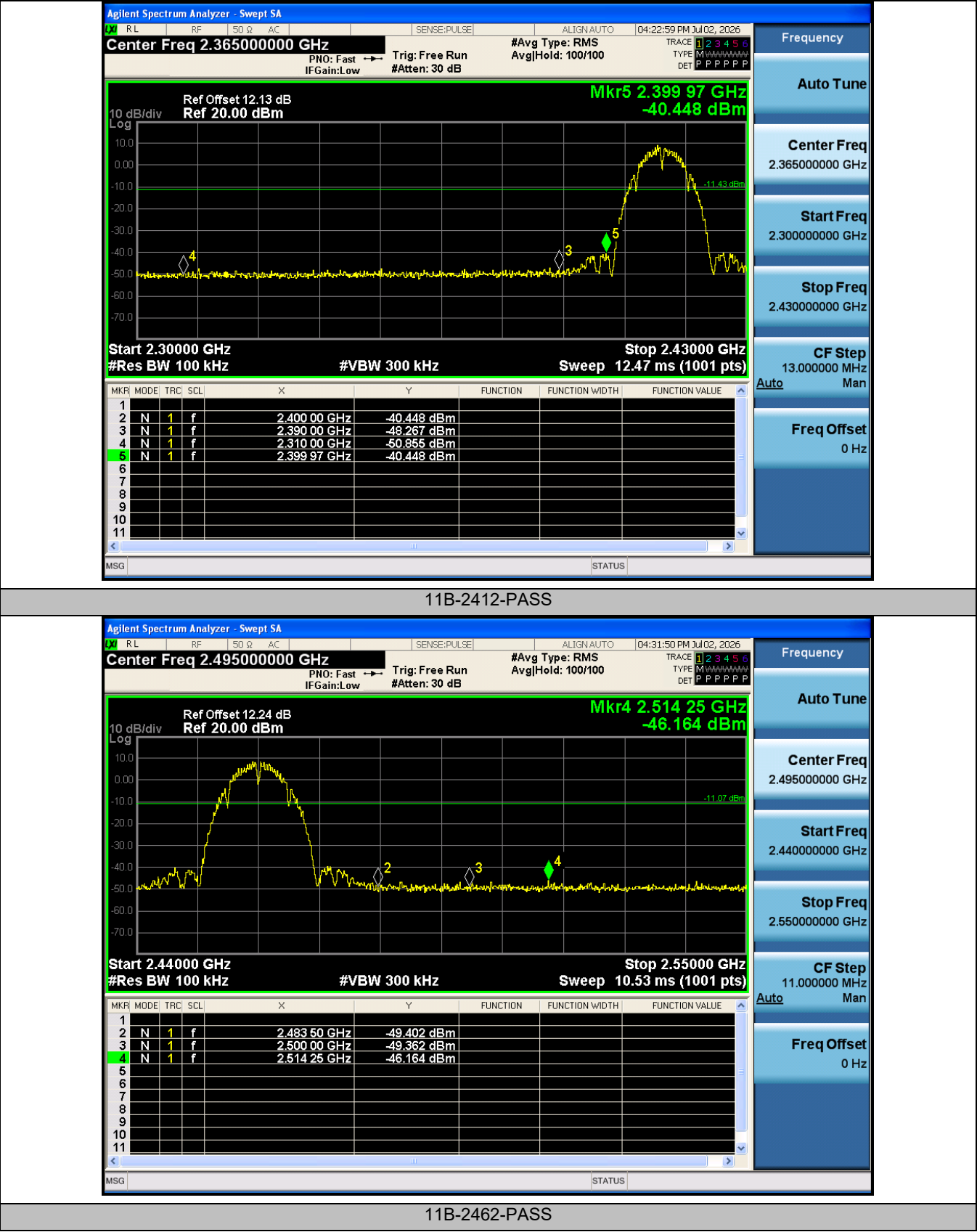


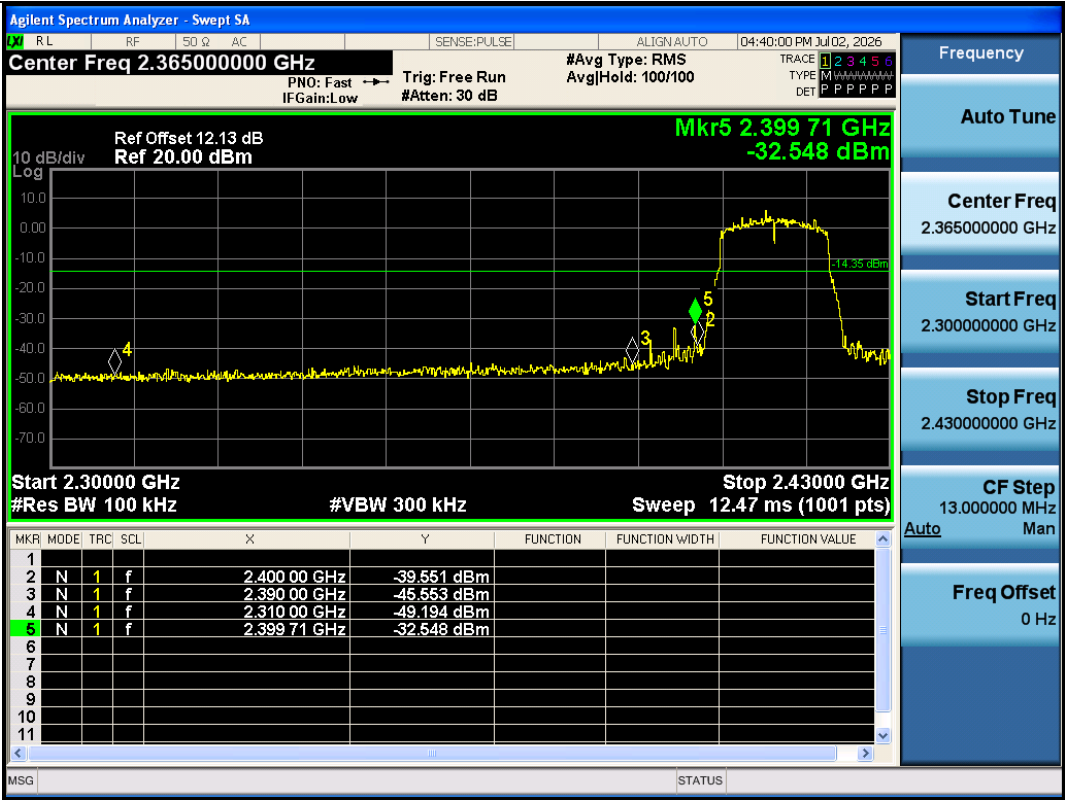
11AX40-2437-PASS



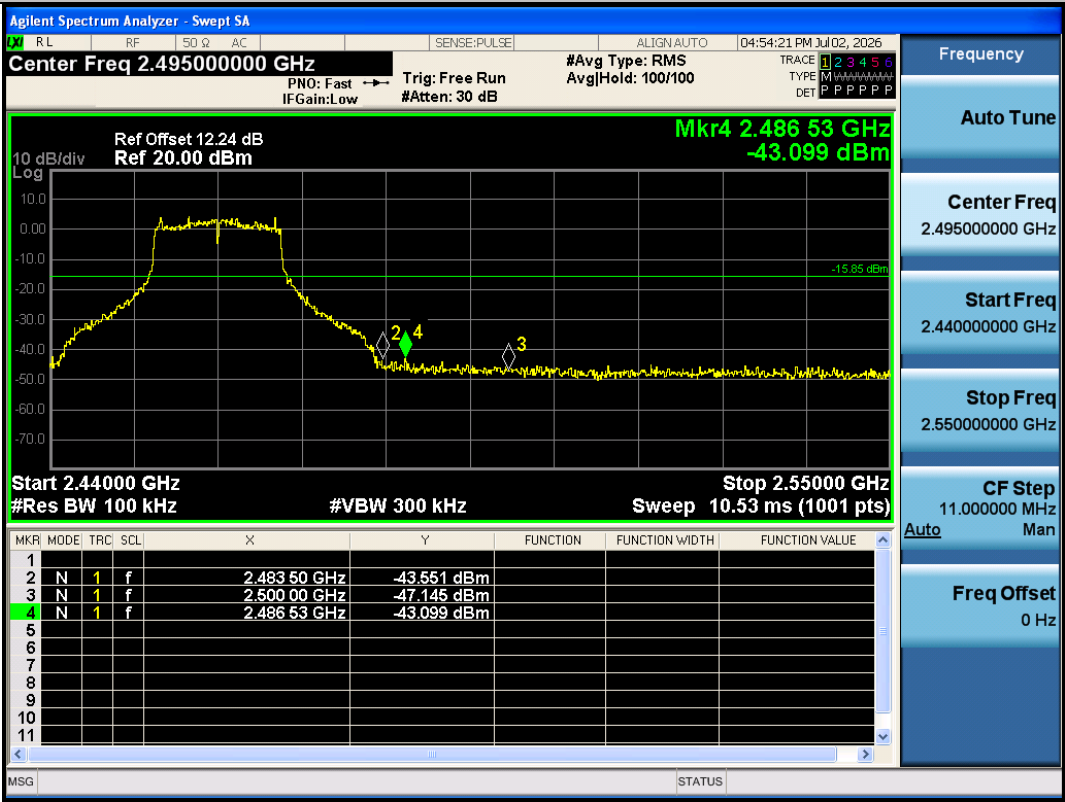
11AX40-2452-PASS

Test Result for Band edge:

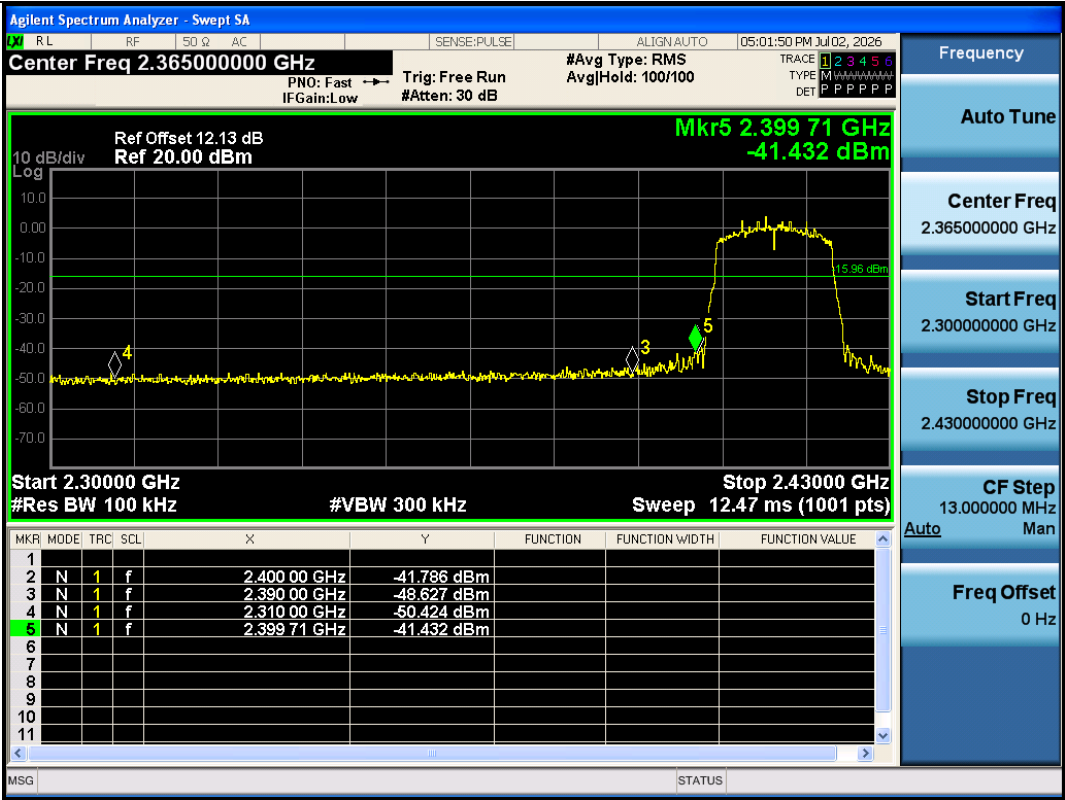




11G-2412-PASS



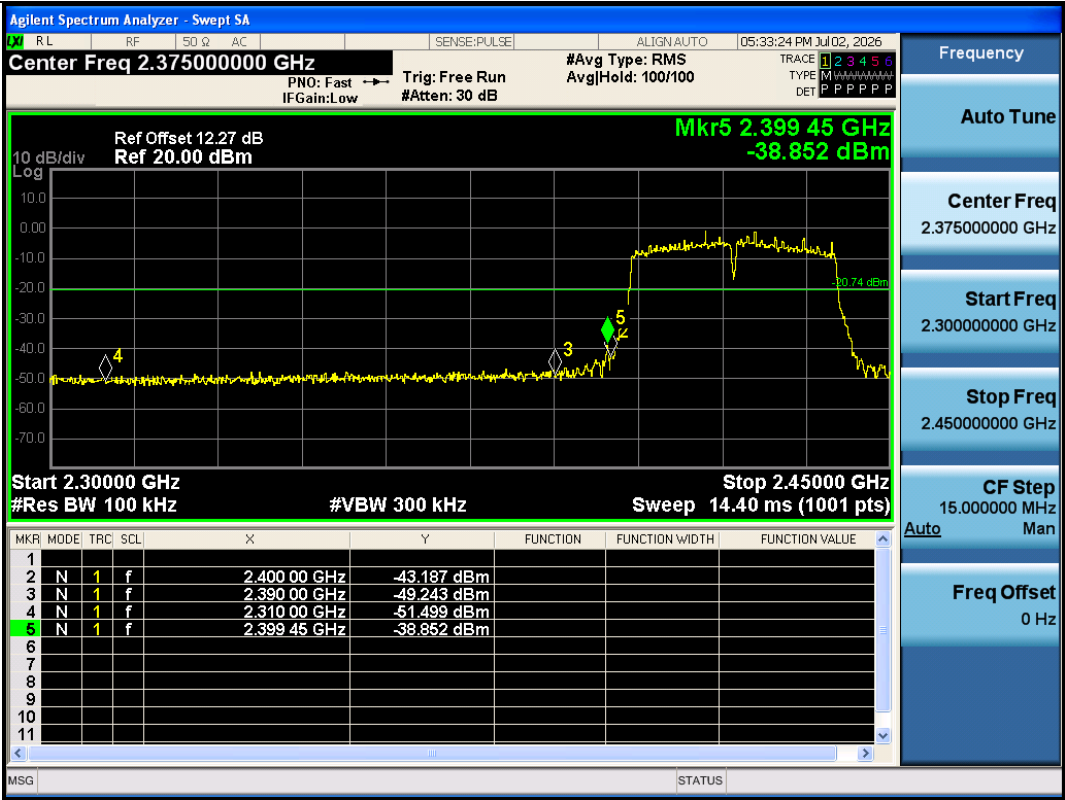
11G-2462-PASS



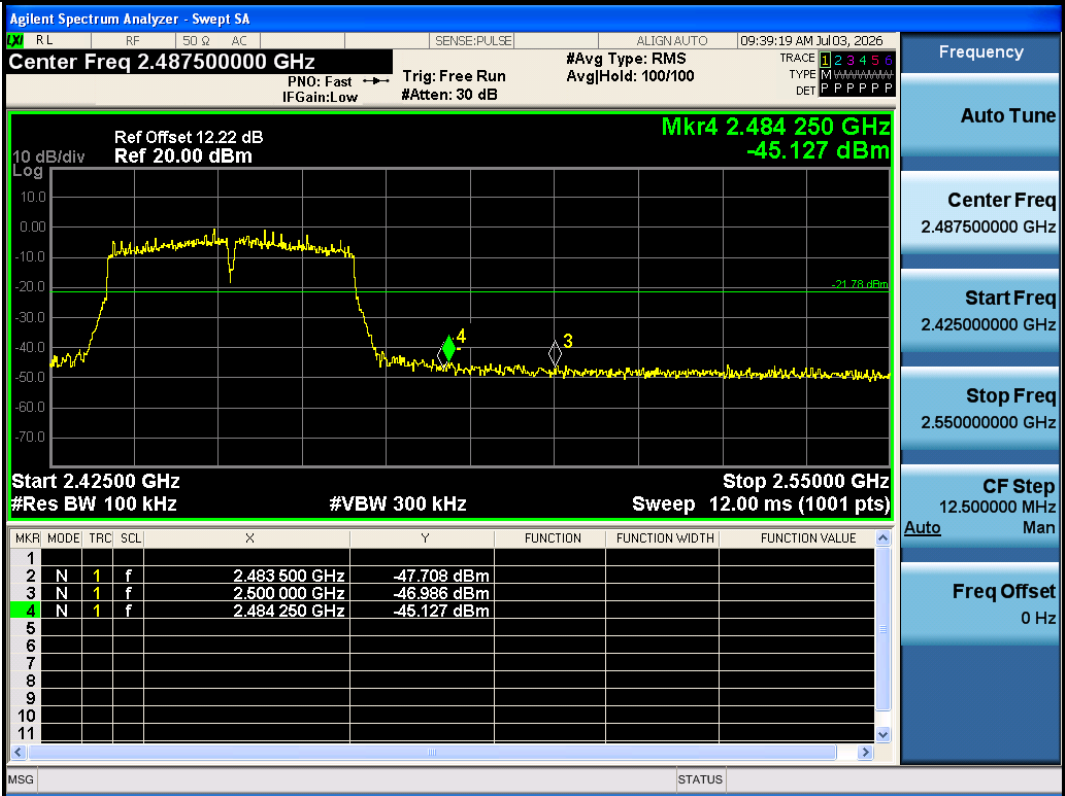
11N20-2412-PASS



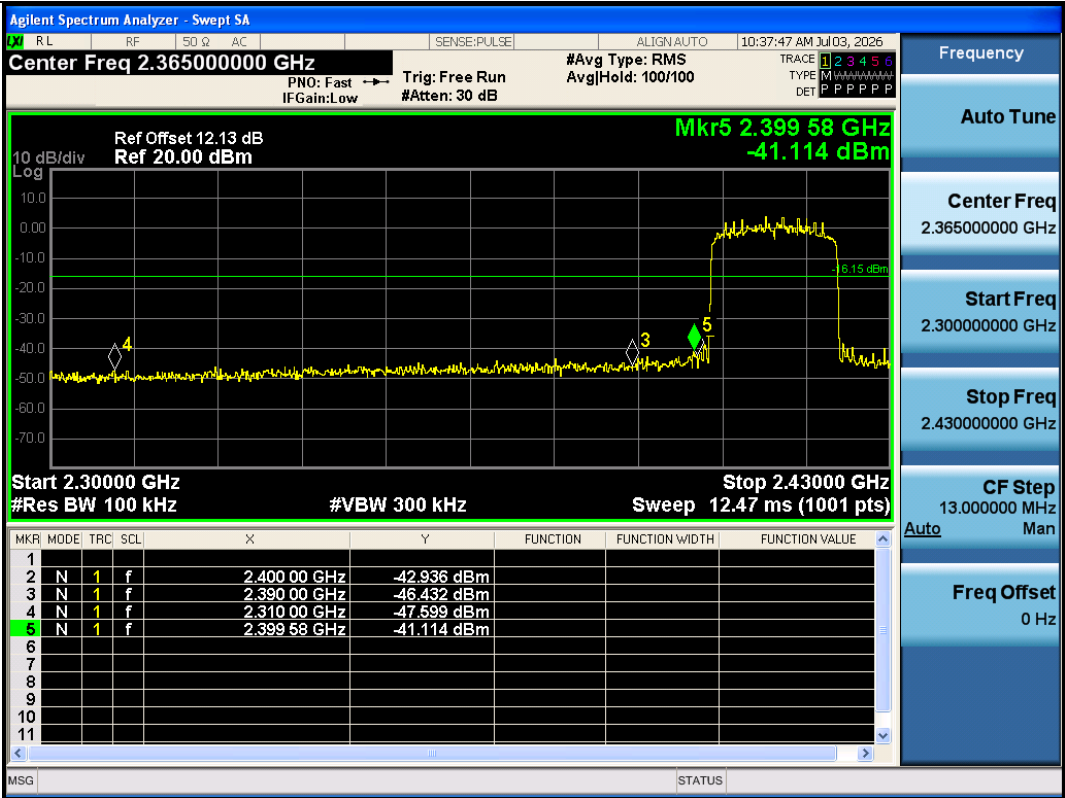
11N20-2462-PASS



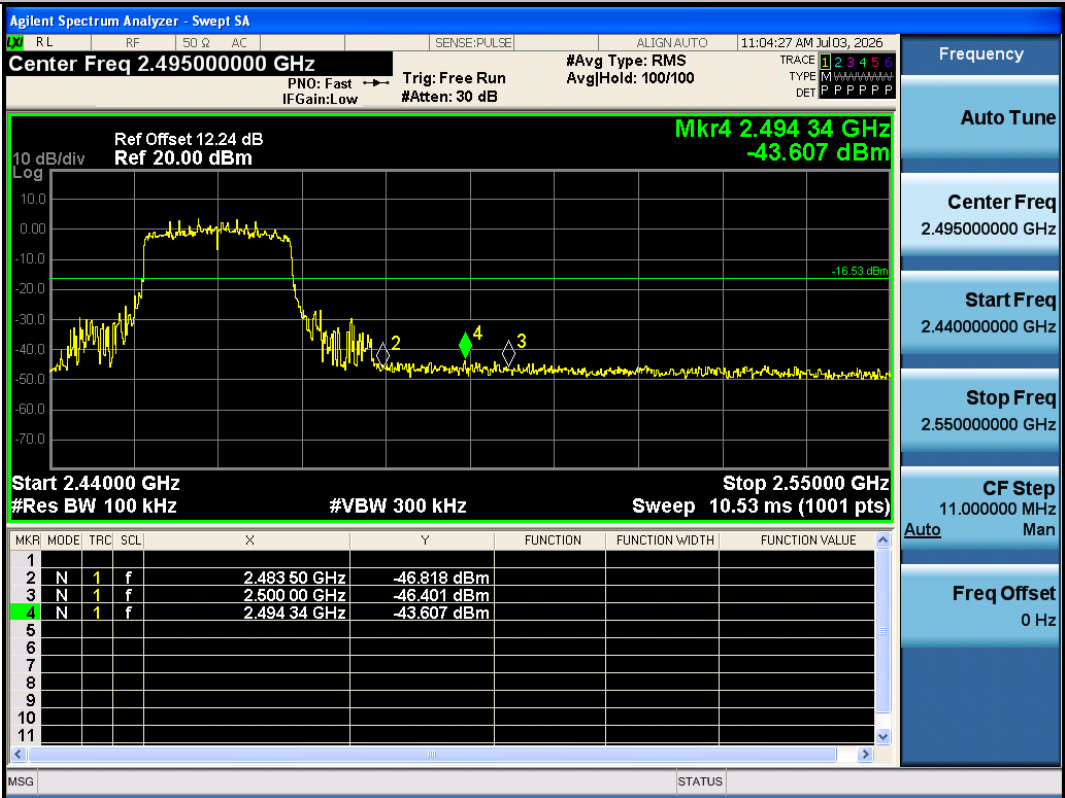
11N40-2422-PASS



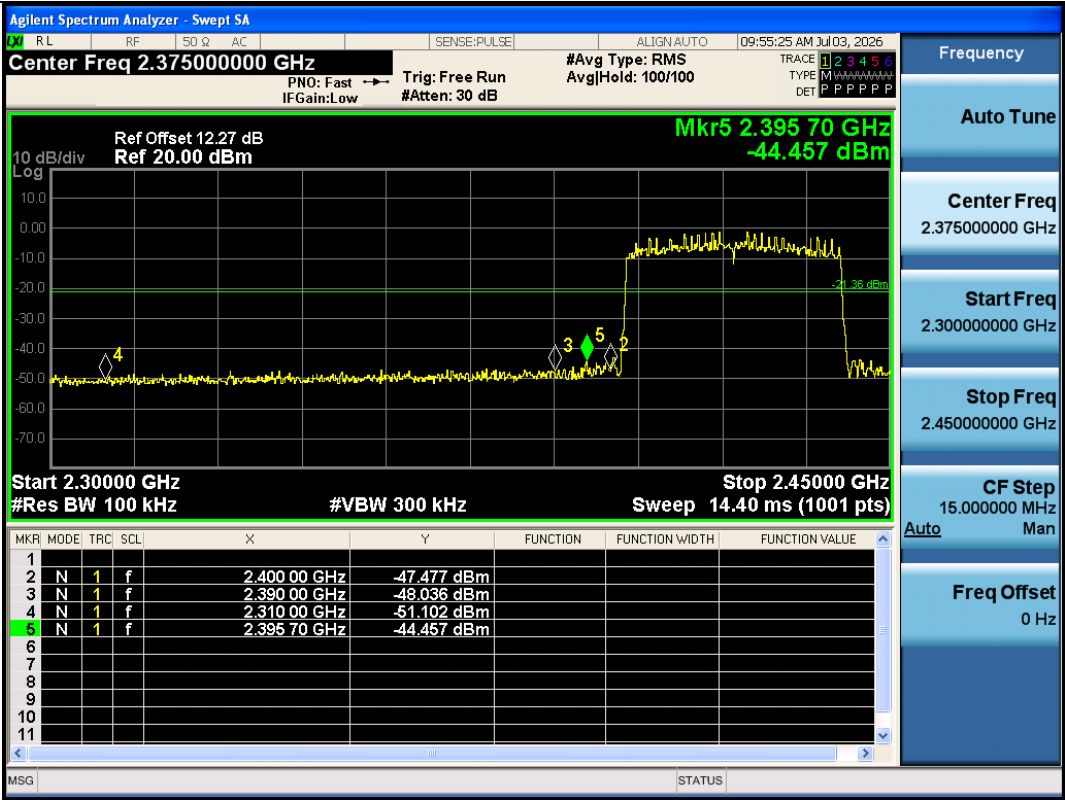
11N40-2452-PASS



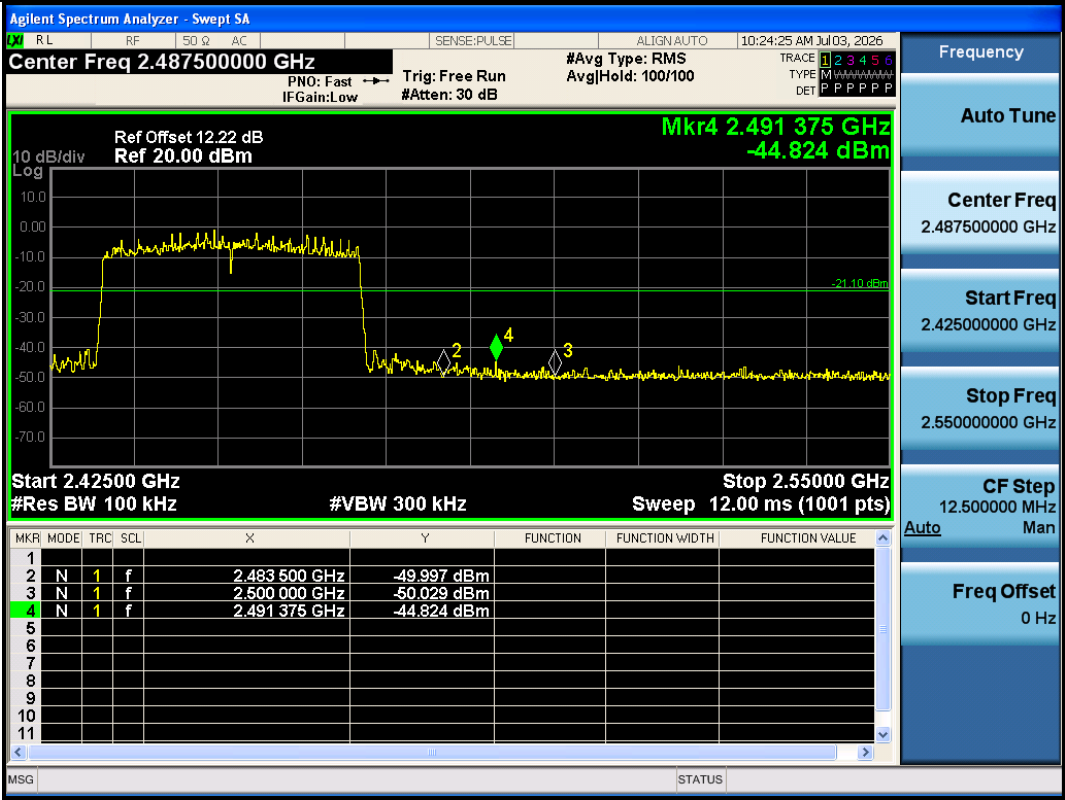
11AX20-2412-PASS



11AX20-2462-PASS

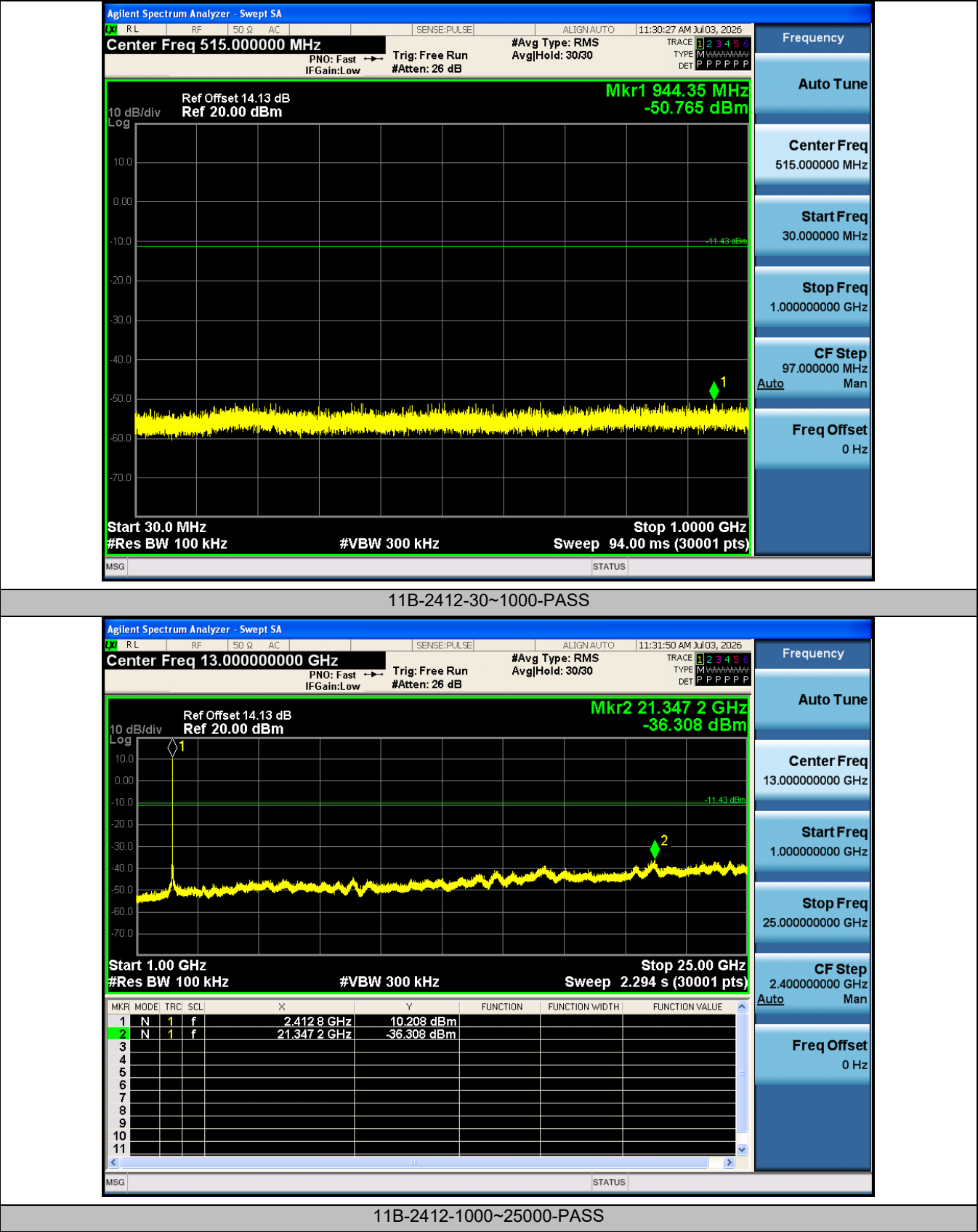


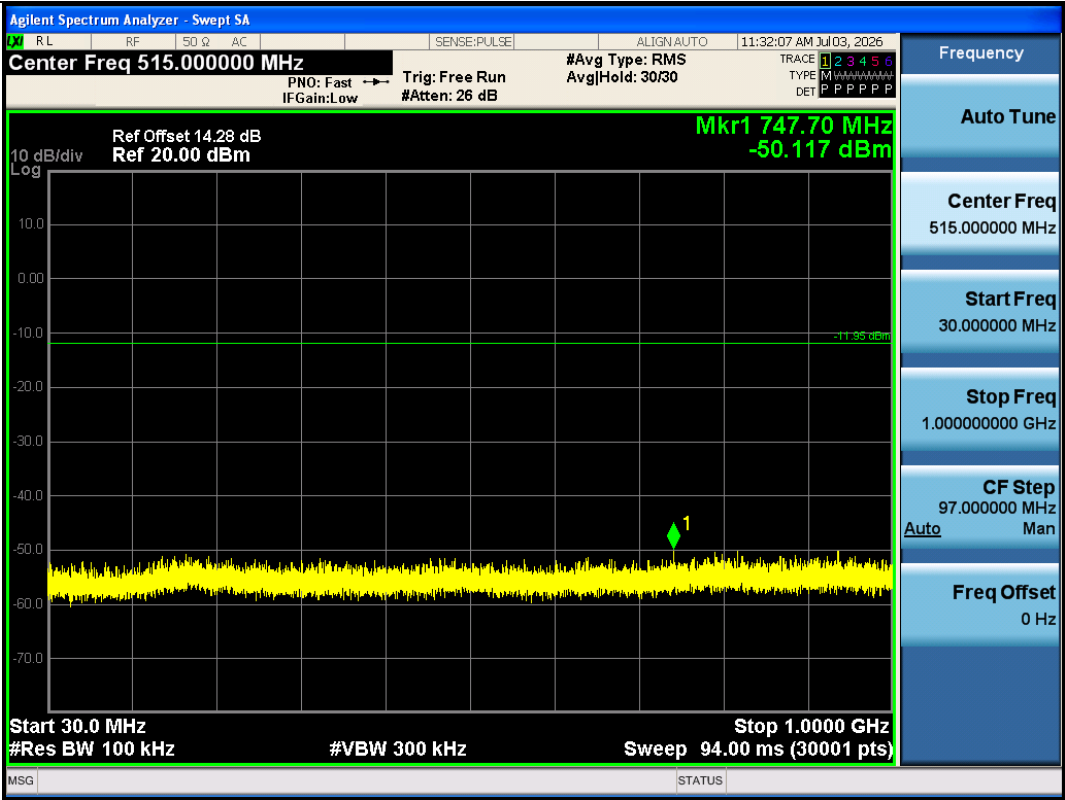
11AX40-2422-PASS



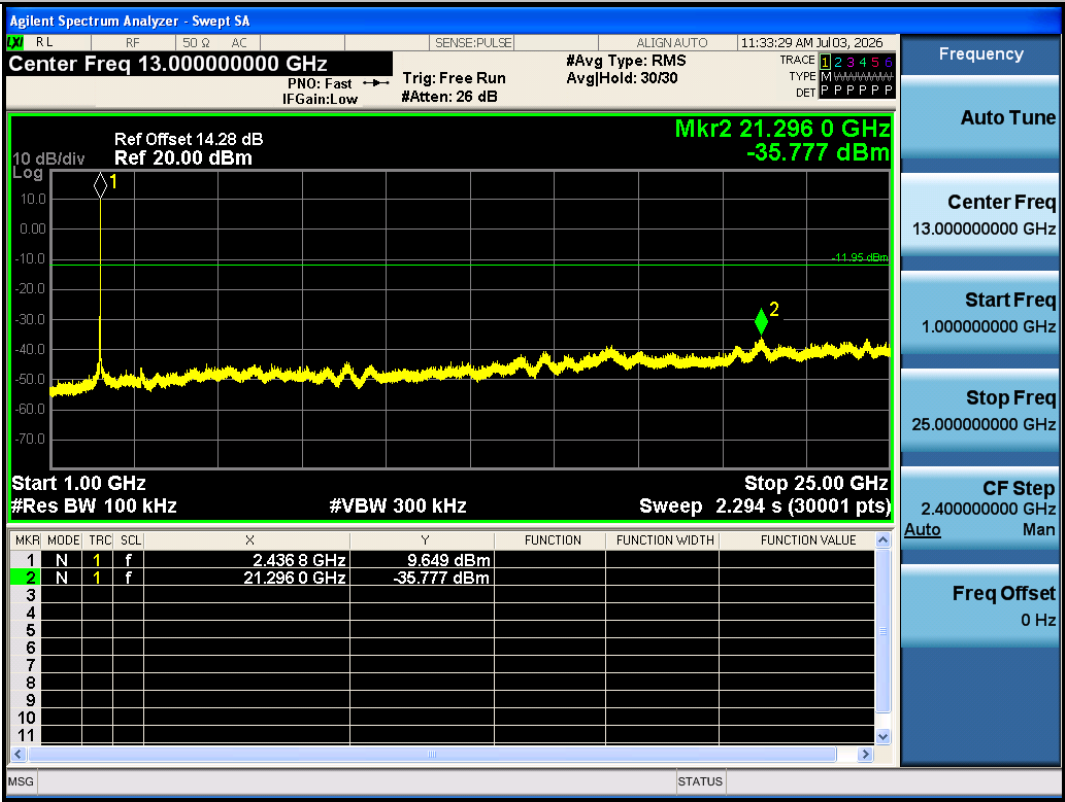
11AX40-2452-PASS

Conducted Spurious Emission:

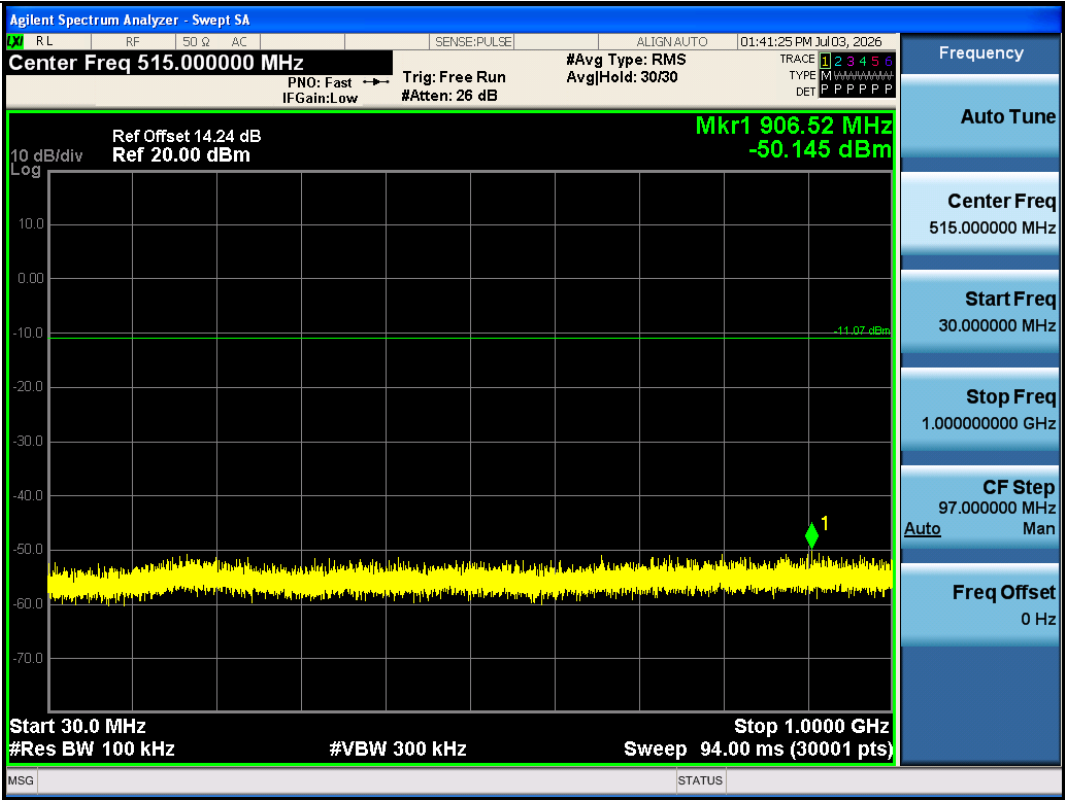




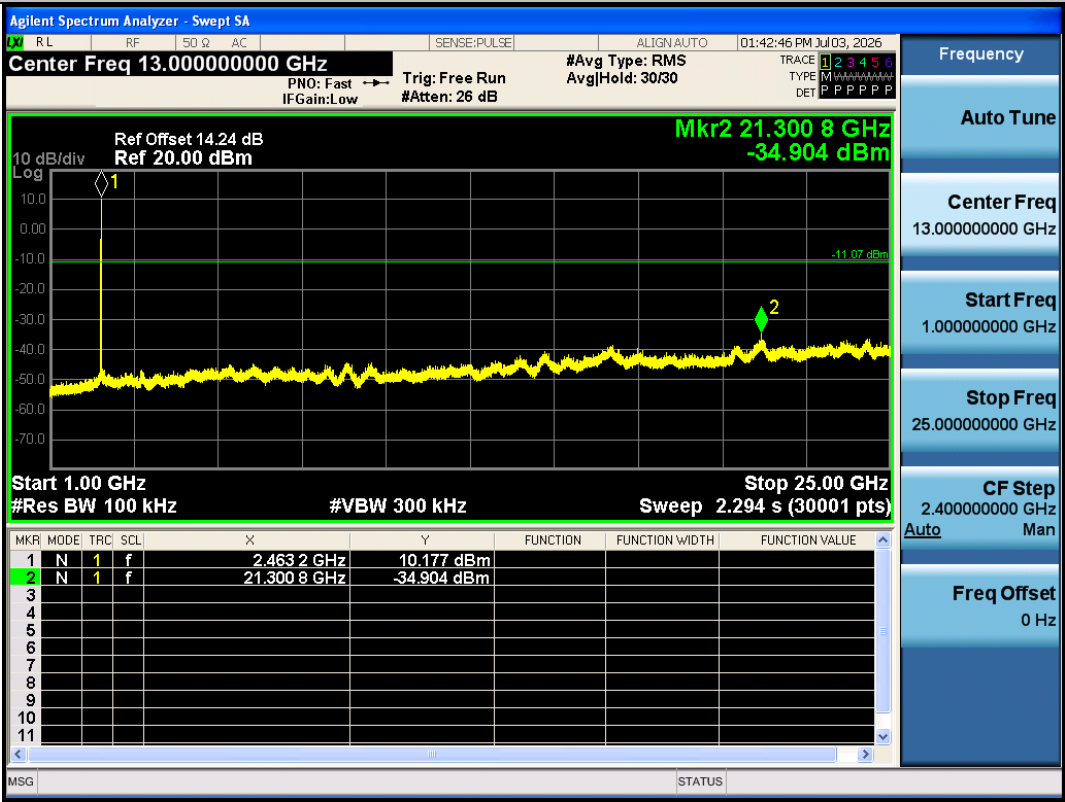
11B-2437-30~1000-PASS



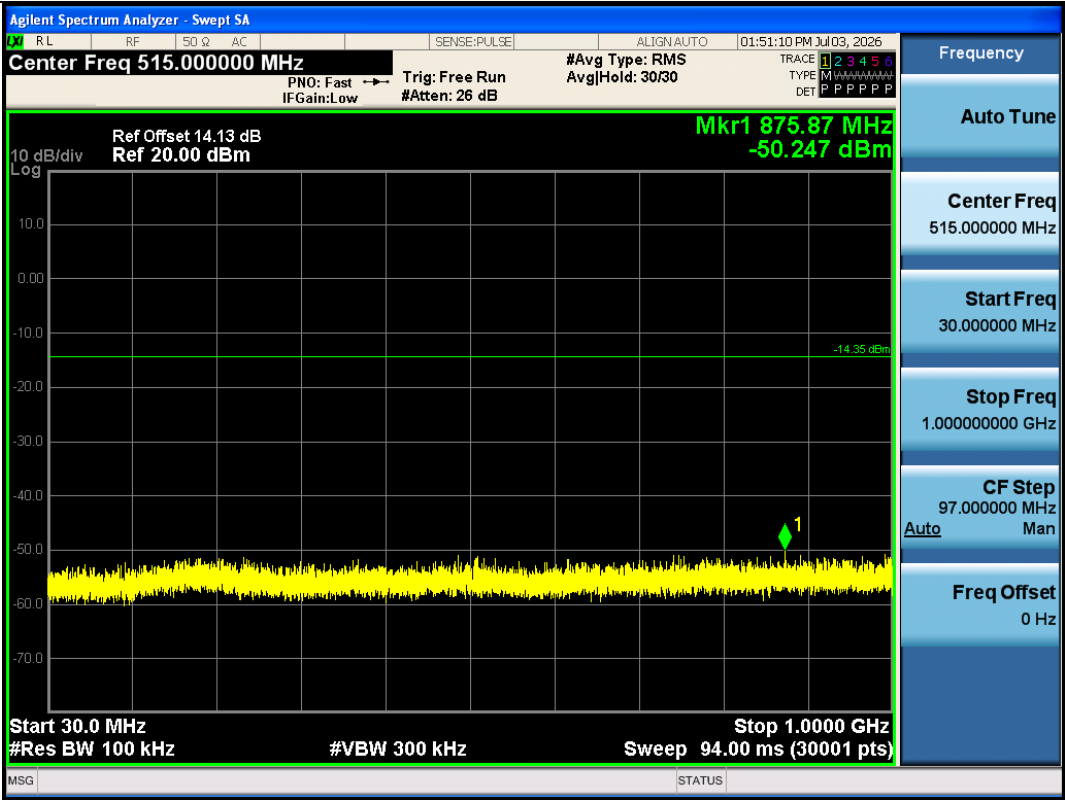
11B-2437-1000~25000-PASS



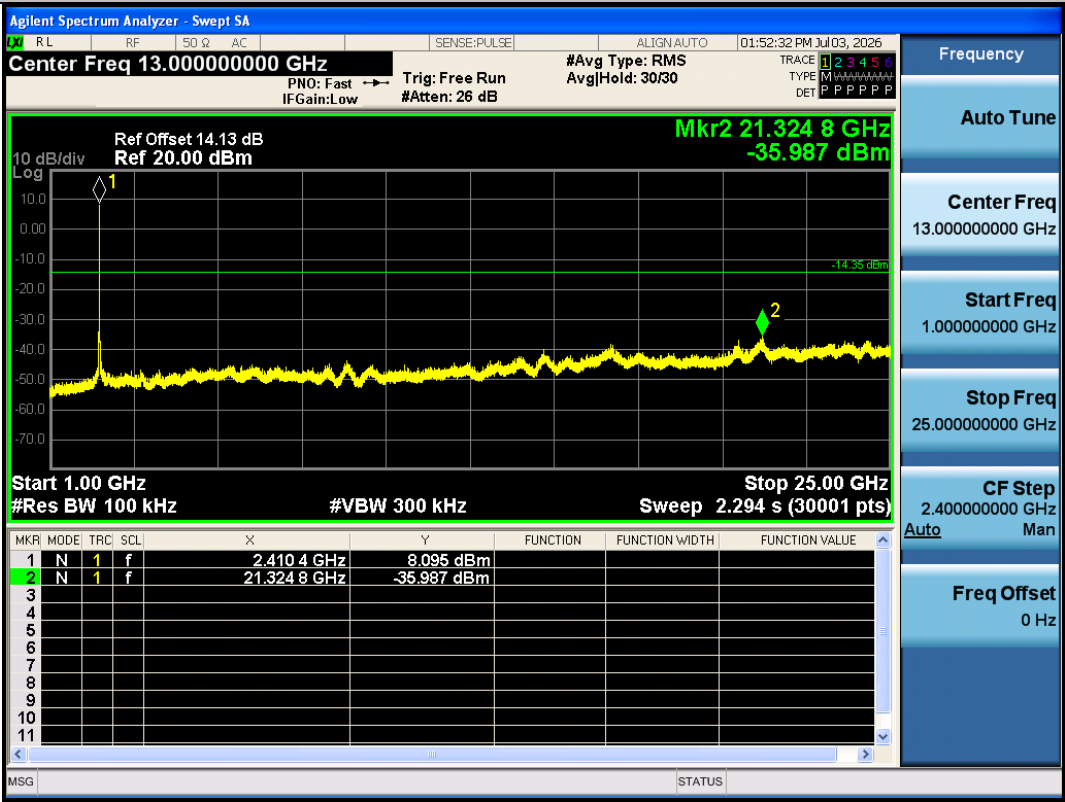
11B-2462-30~1000-PASS



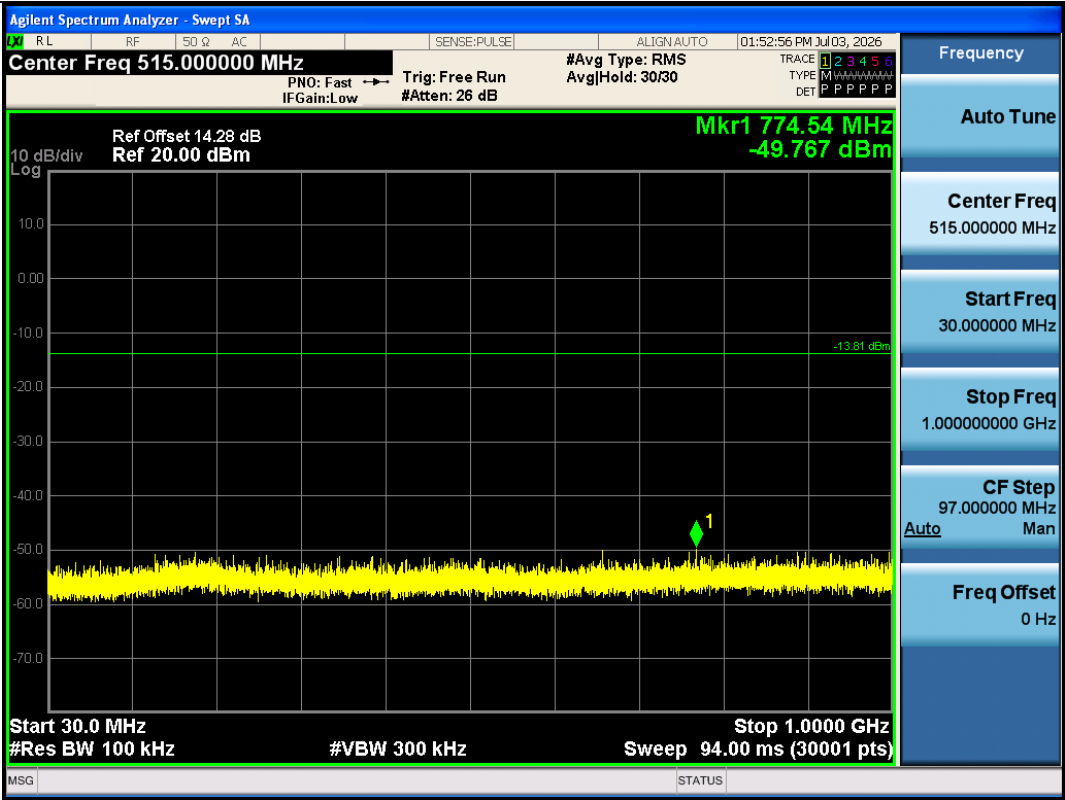
11B-2462-1000~25000-PASS



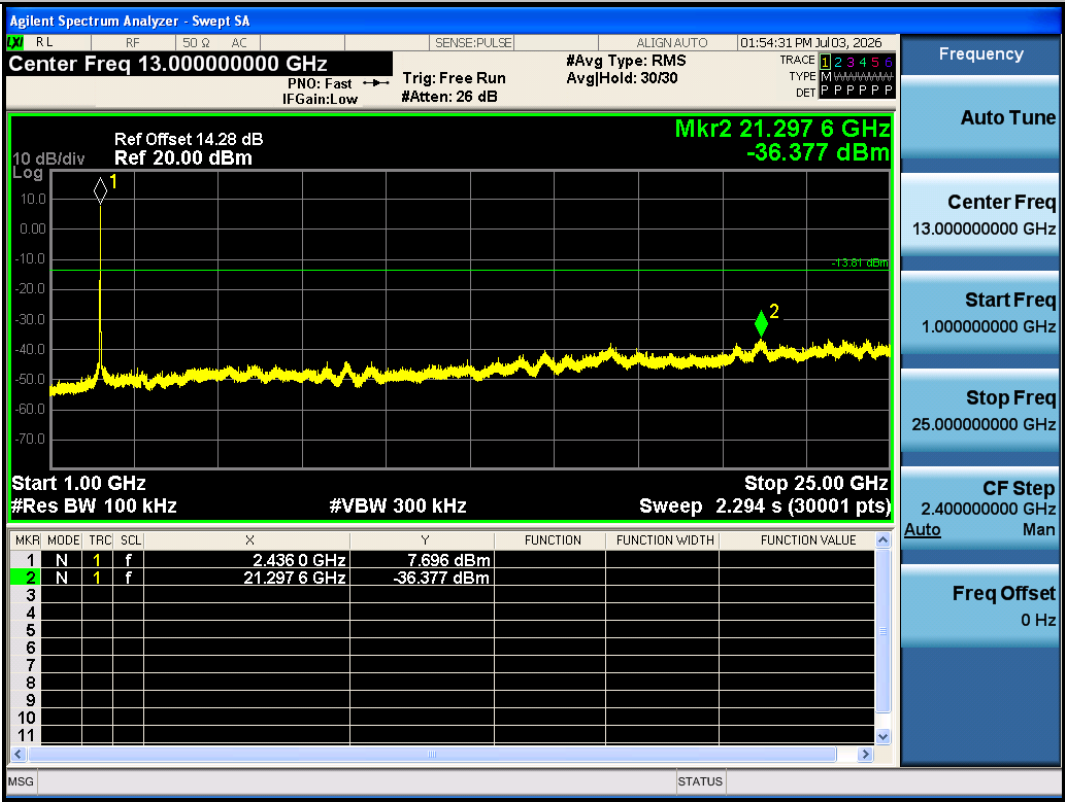
11G-2412-30~1000-PASS



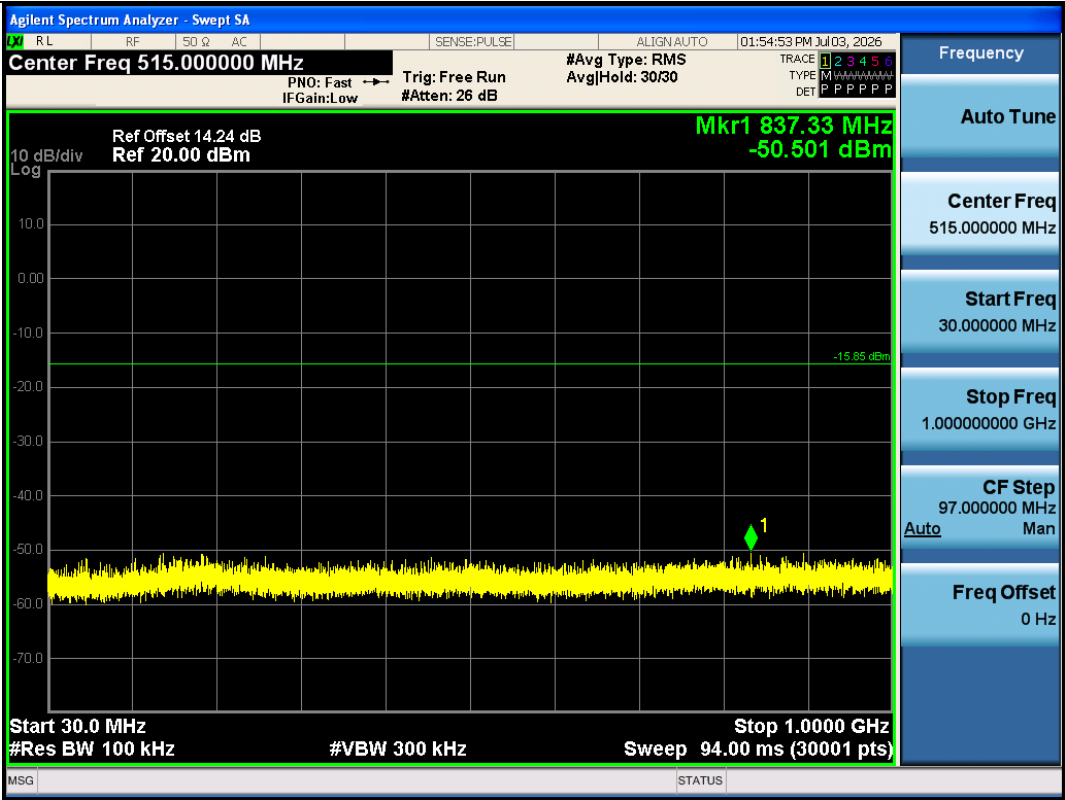
11G-2412-1000~25000-PASS



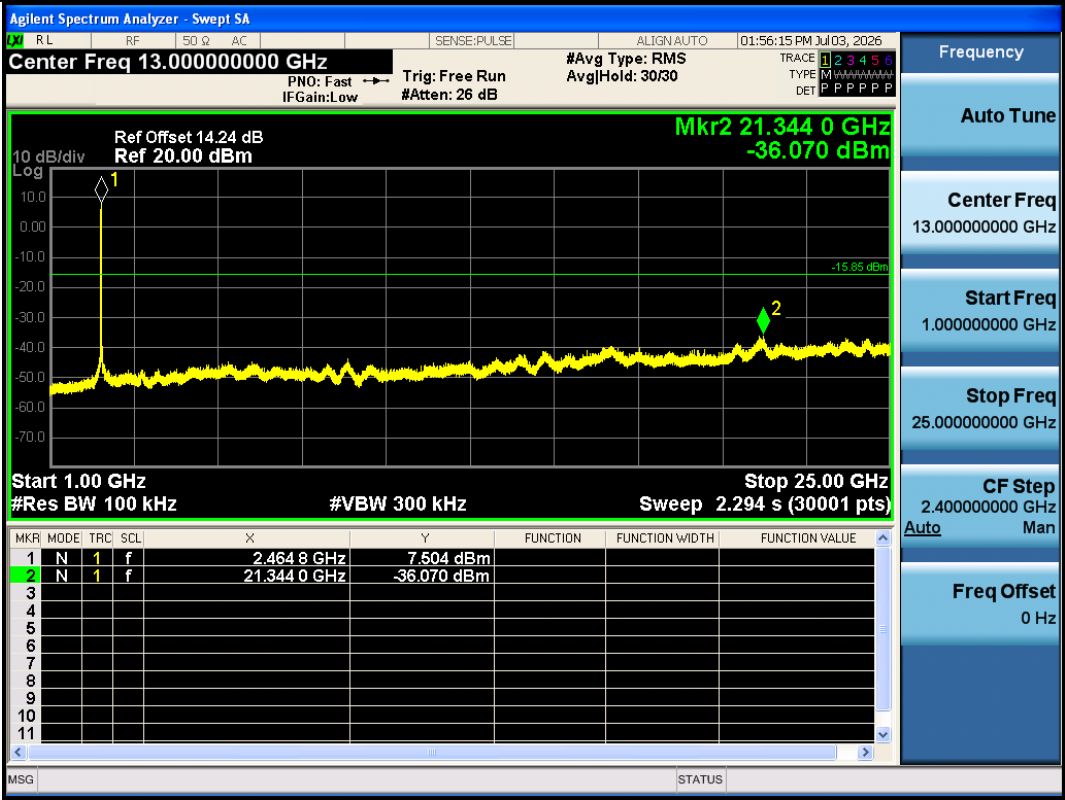
11G-2437-30~1000-PASS



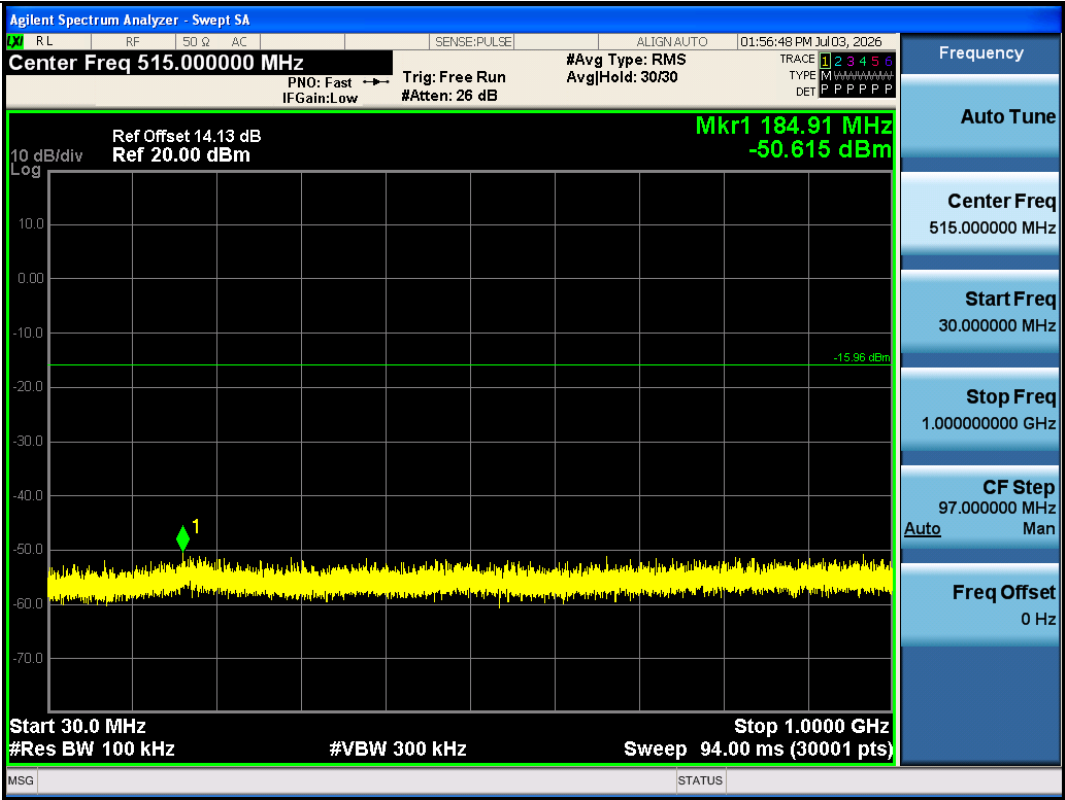
11G-2437-1000~25000-PASS



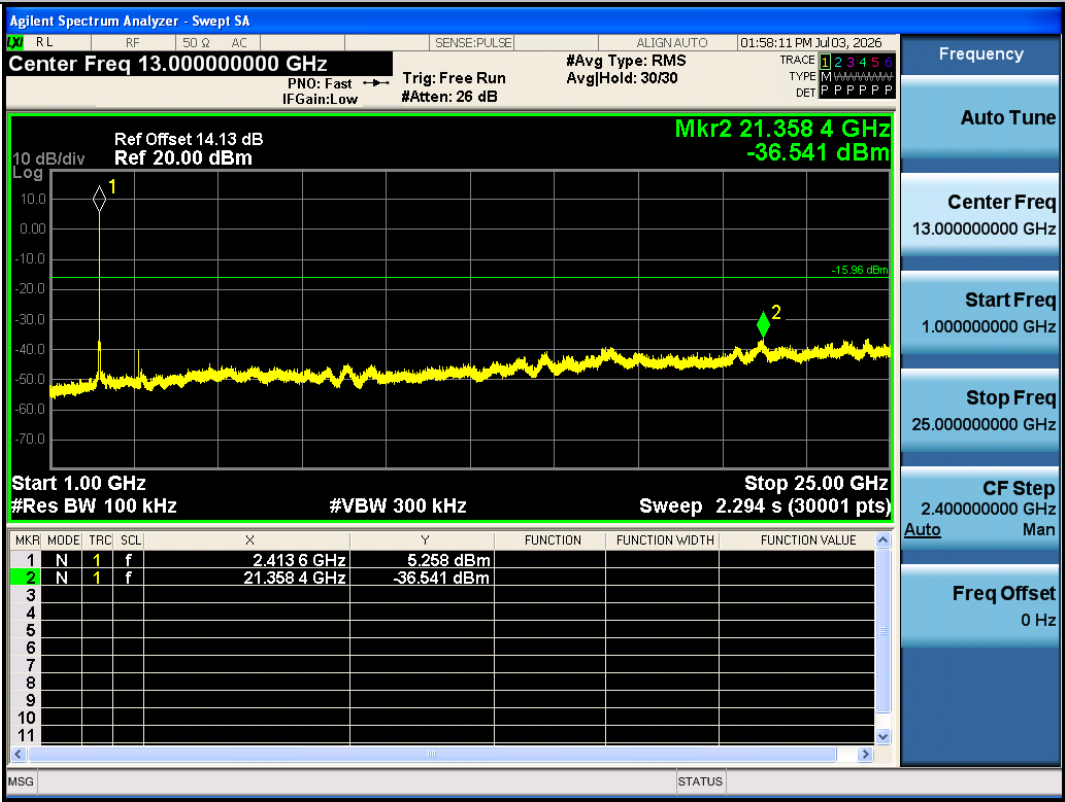
11G-2462-30~1000-PASS



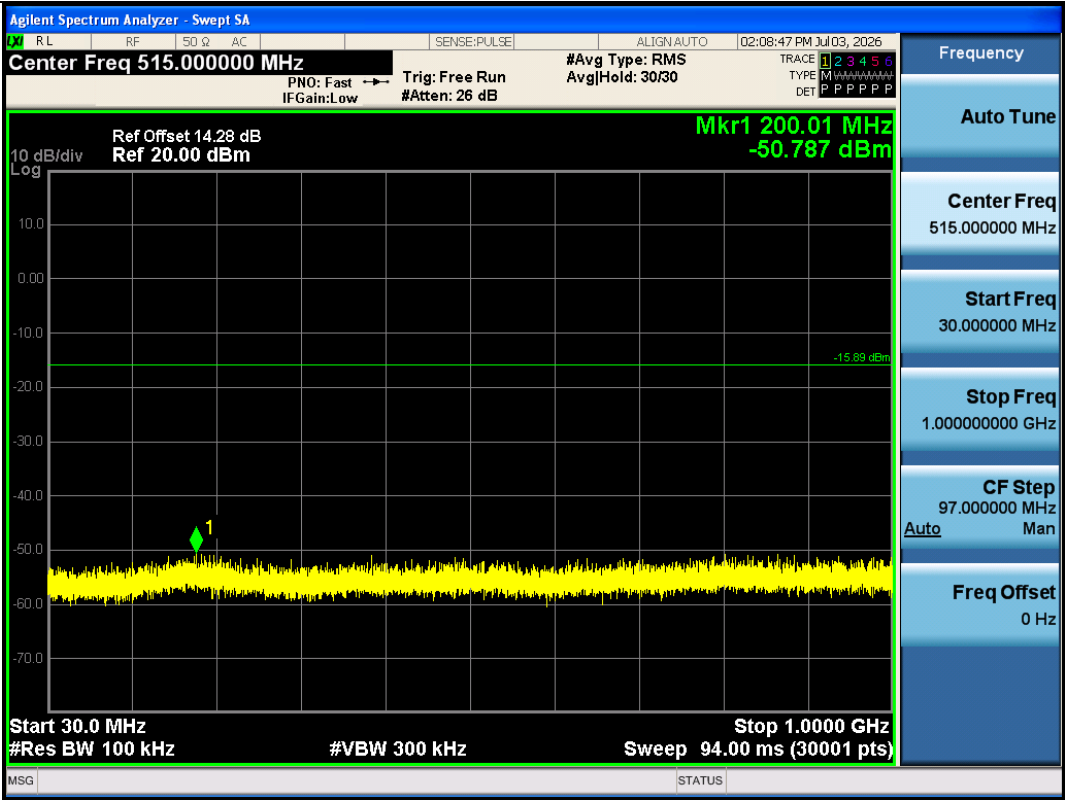
11G-2462-1000~25000-PASS



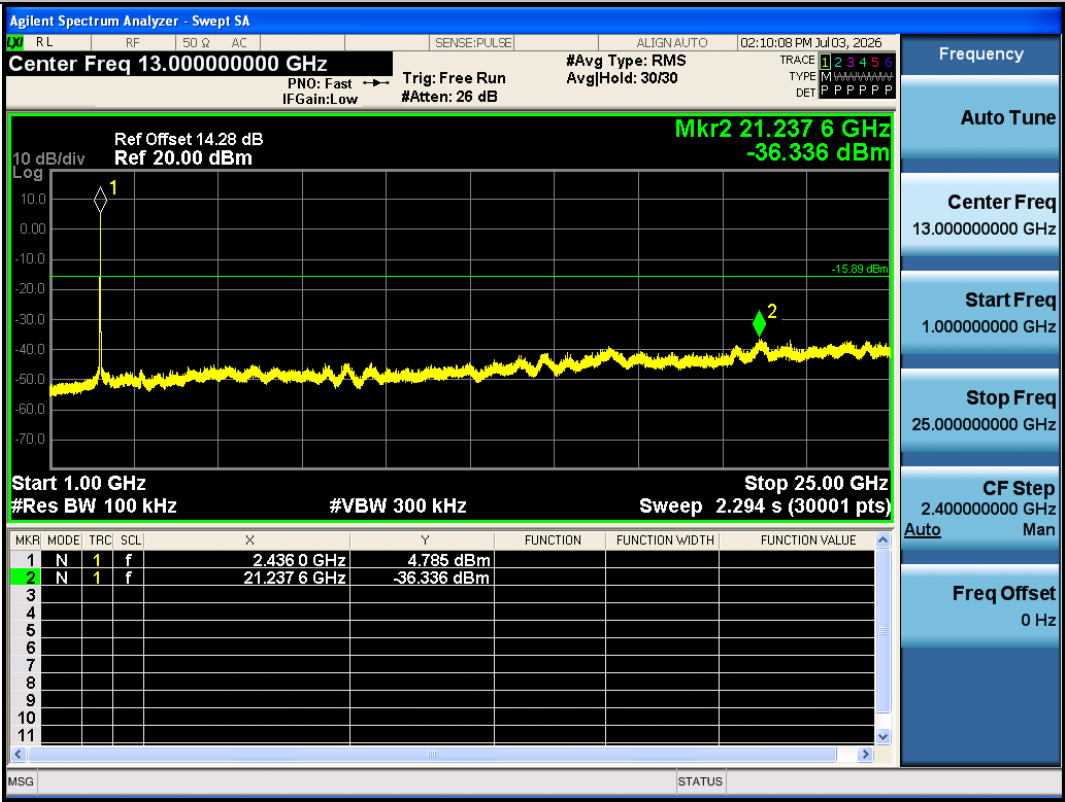
11N20-2412-30~1000-PASS



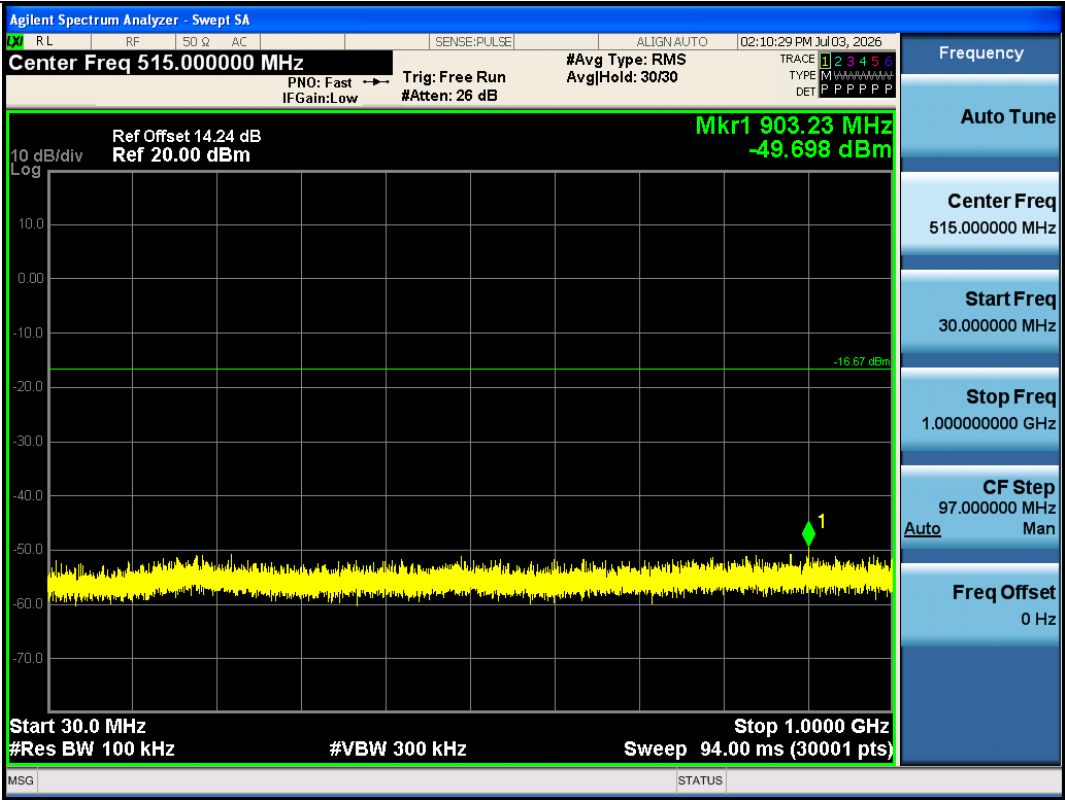
11N20-2412-1000~25000-PASS



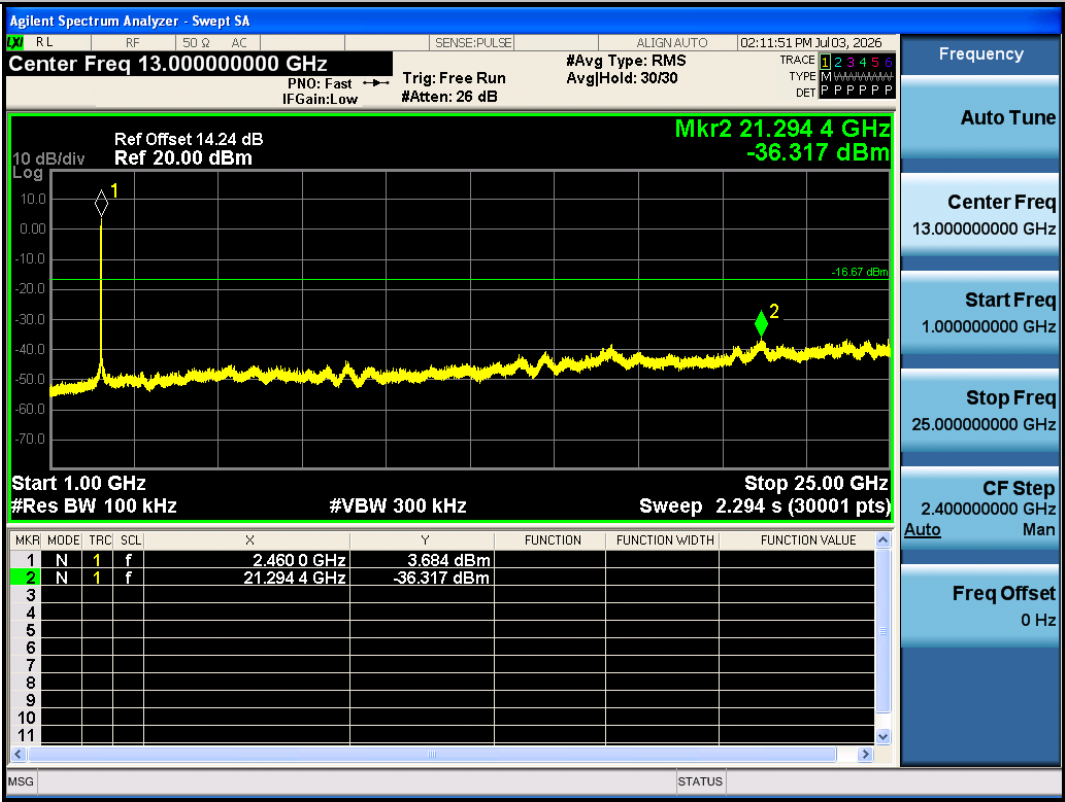
11N20-2437-30~1000-PASS



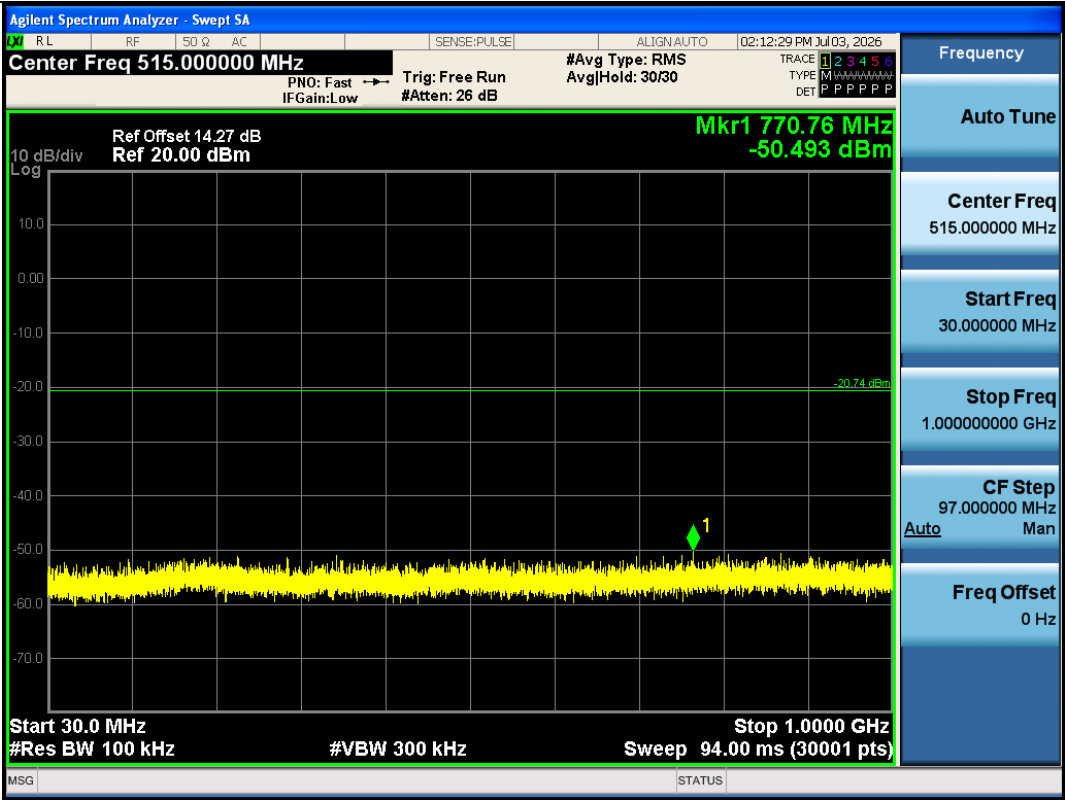
11N20-2437-1000~25000-PASS



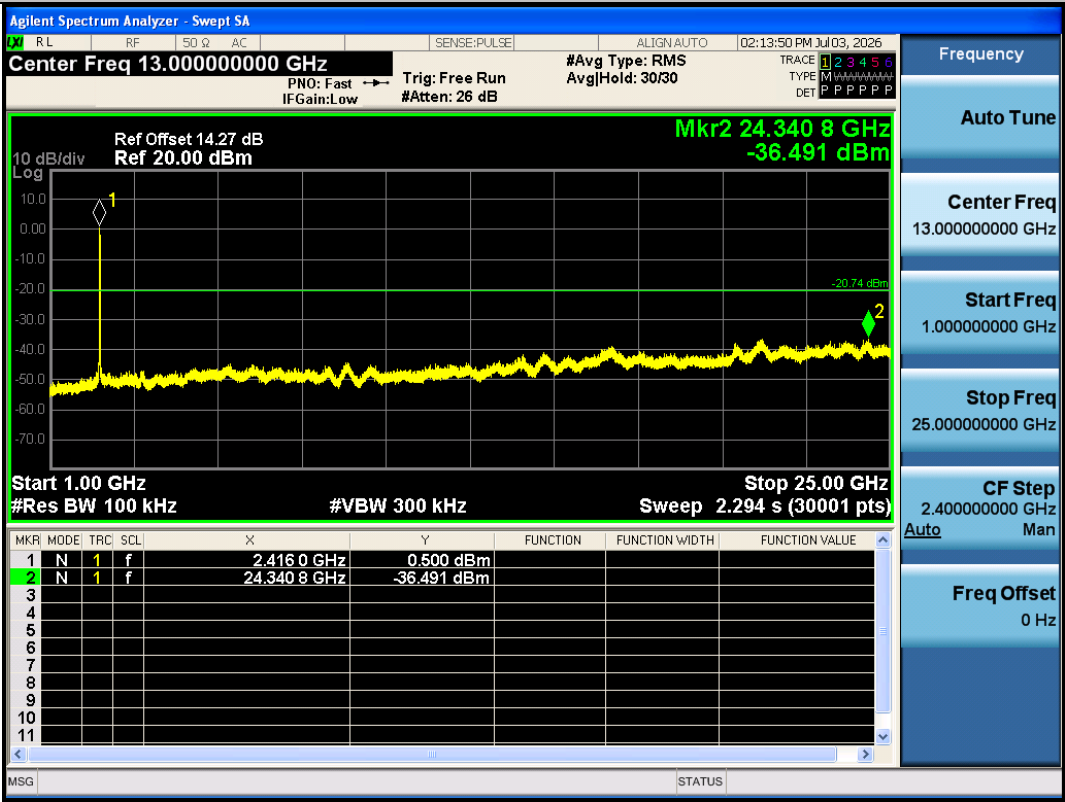
11N20-2462-30~1000-PASS



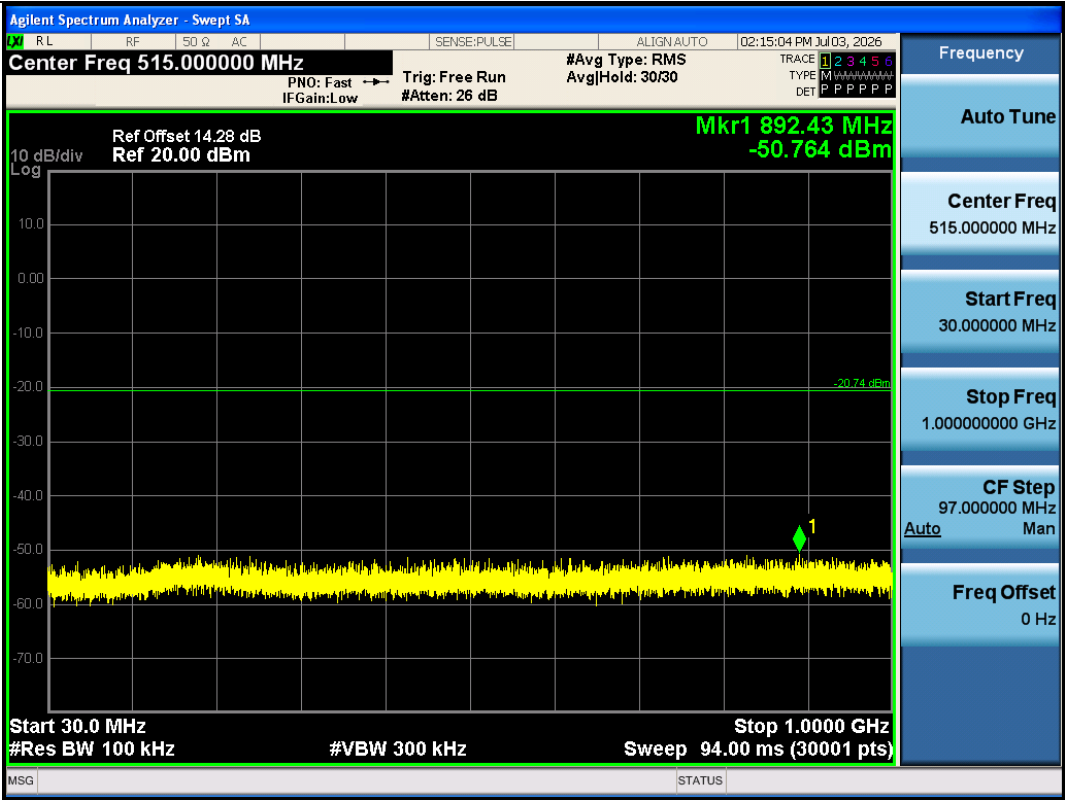
11N20-2462-1000~25000-PASS



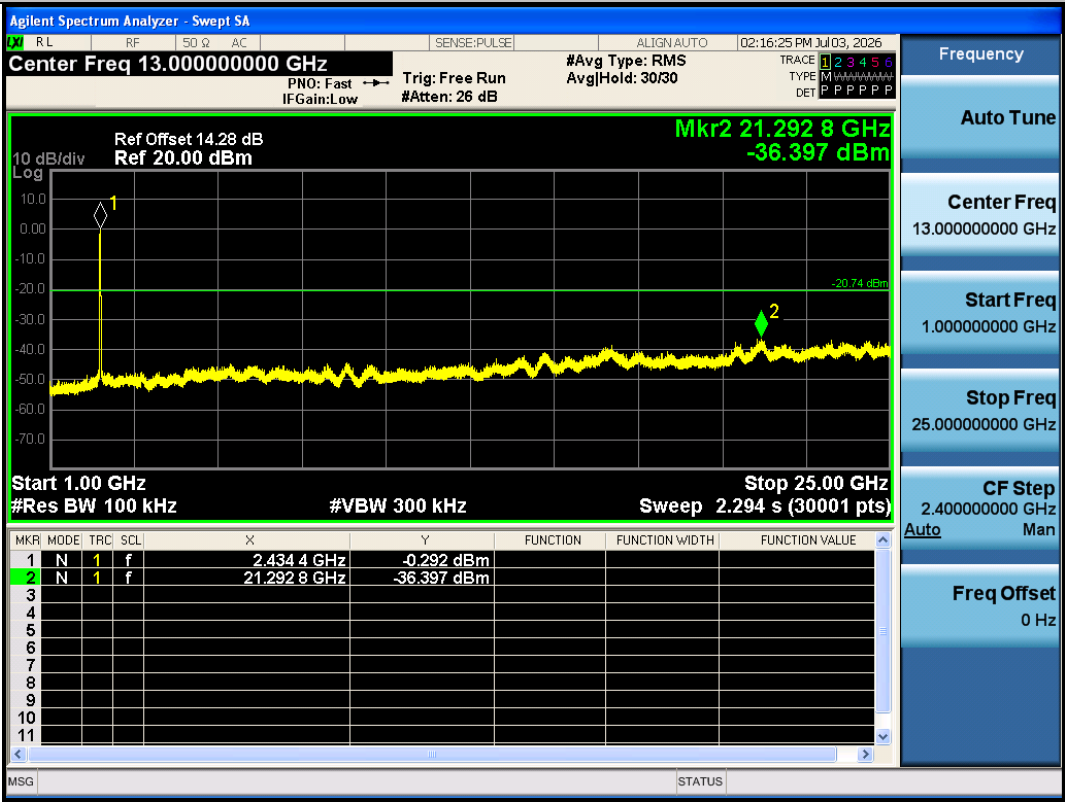
11N40-2422-30~1000-PASS



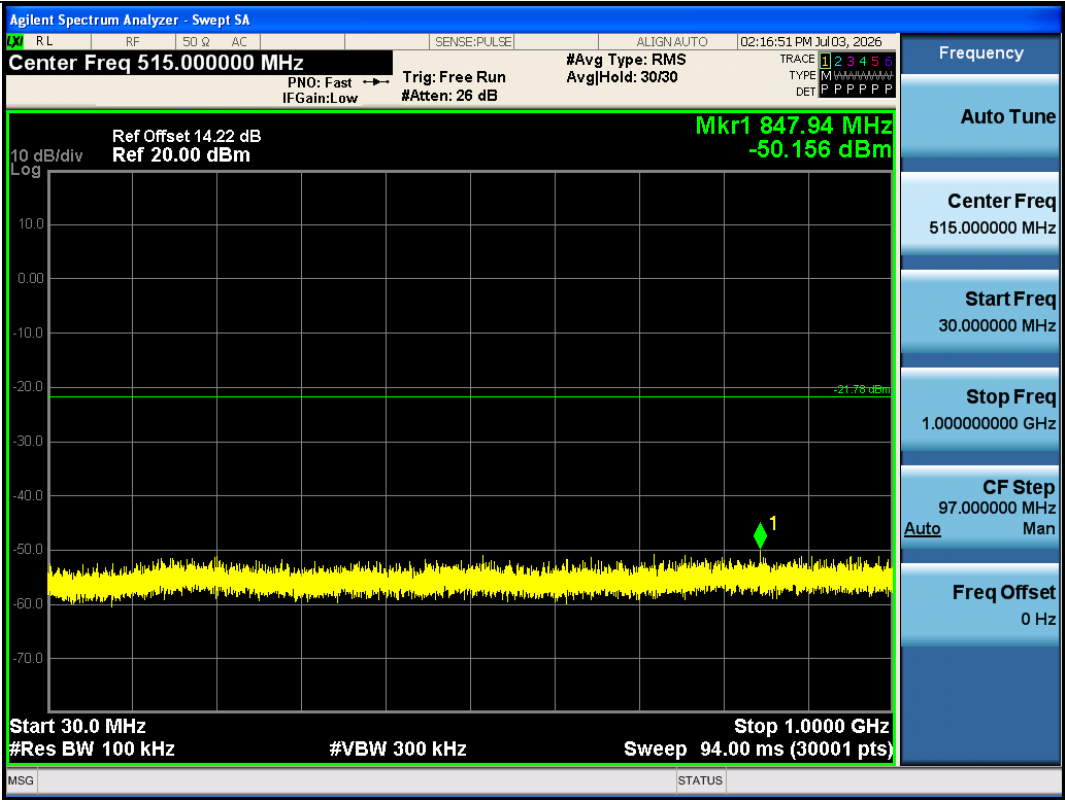
11N40-2422-1000~25000-PASS



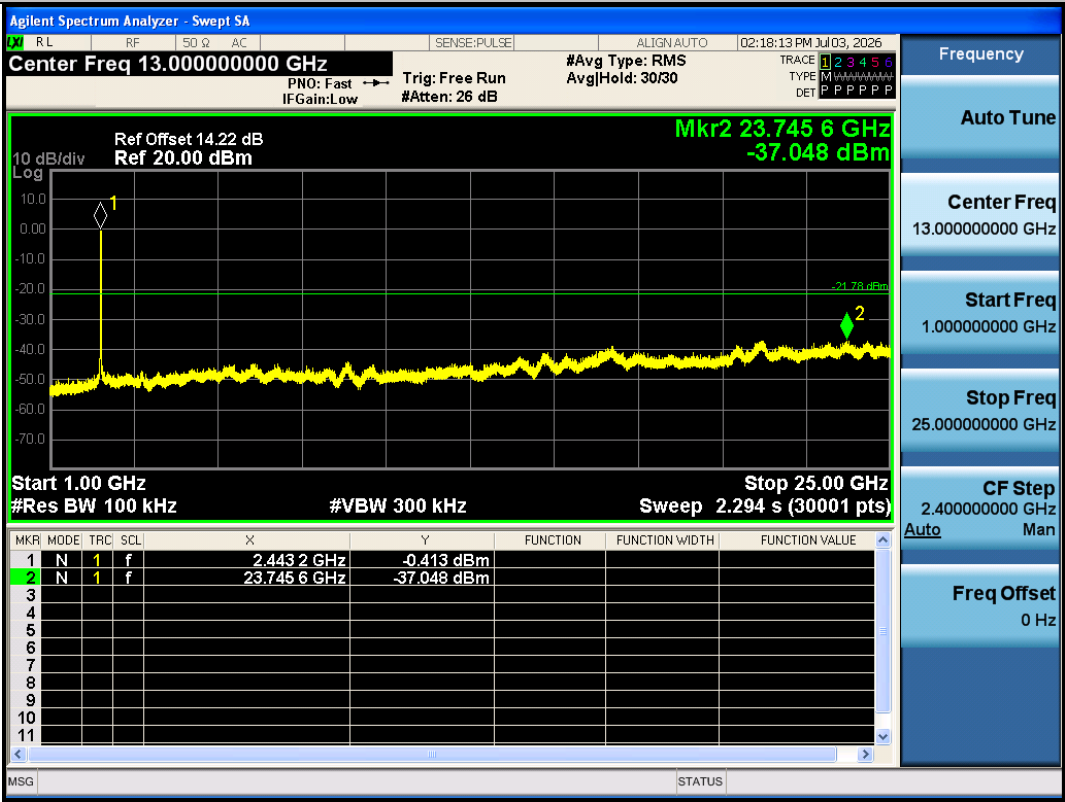
11N40-2437-30~1000-PASS



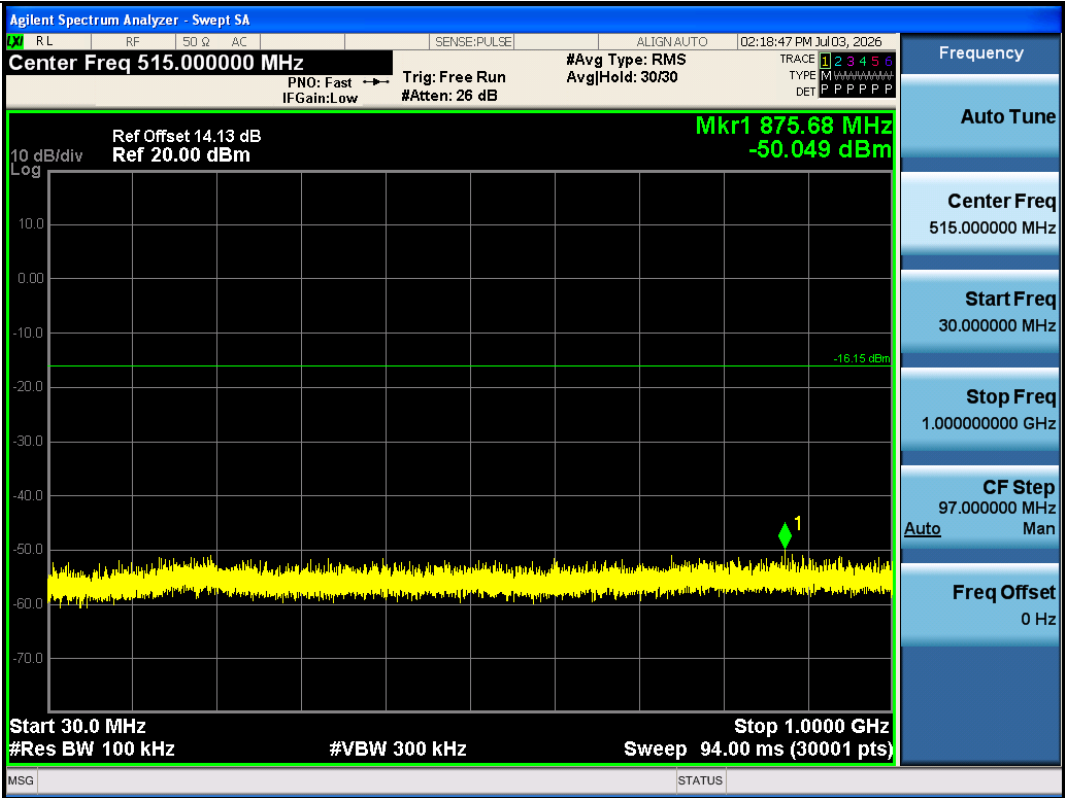
11N40-2437-1000~25000-PASS



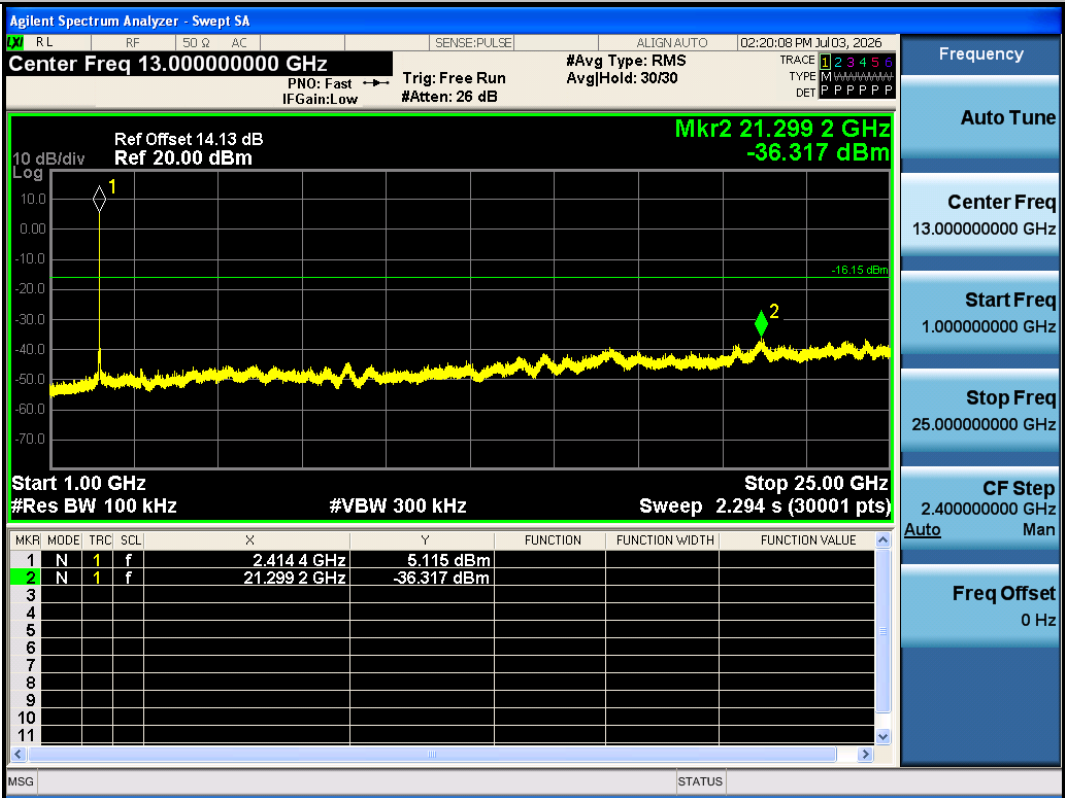
11N40-2452-30~1000-PASS



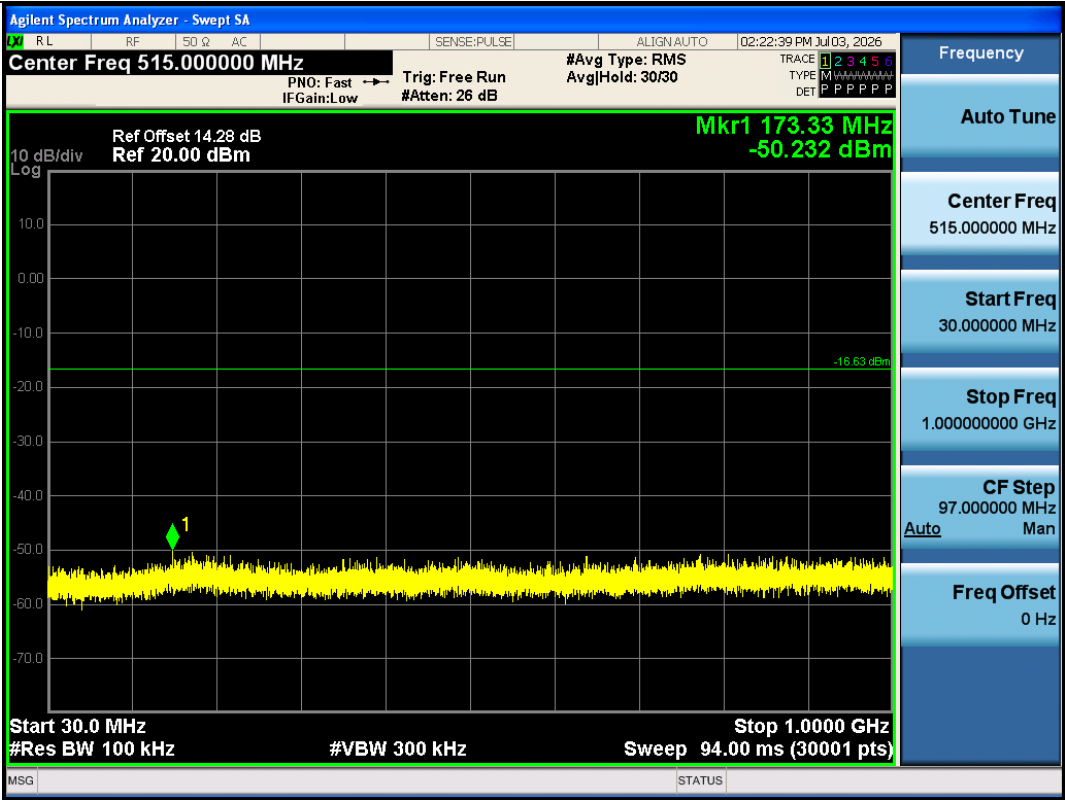
11N40-2452-1000~25000-PASS



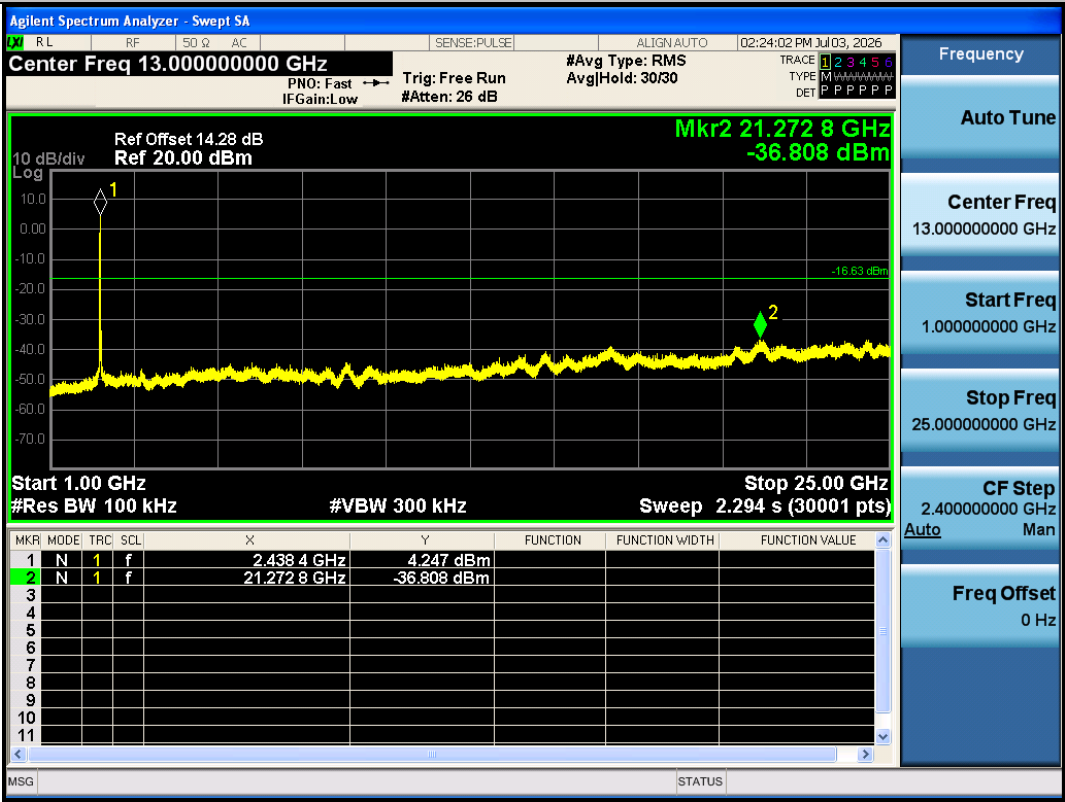
11AX20-2412-30~1000-PASS



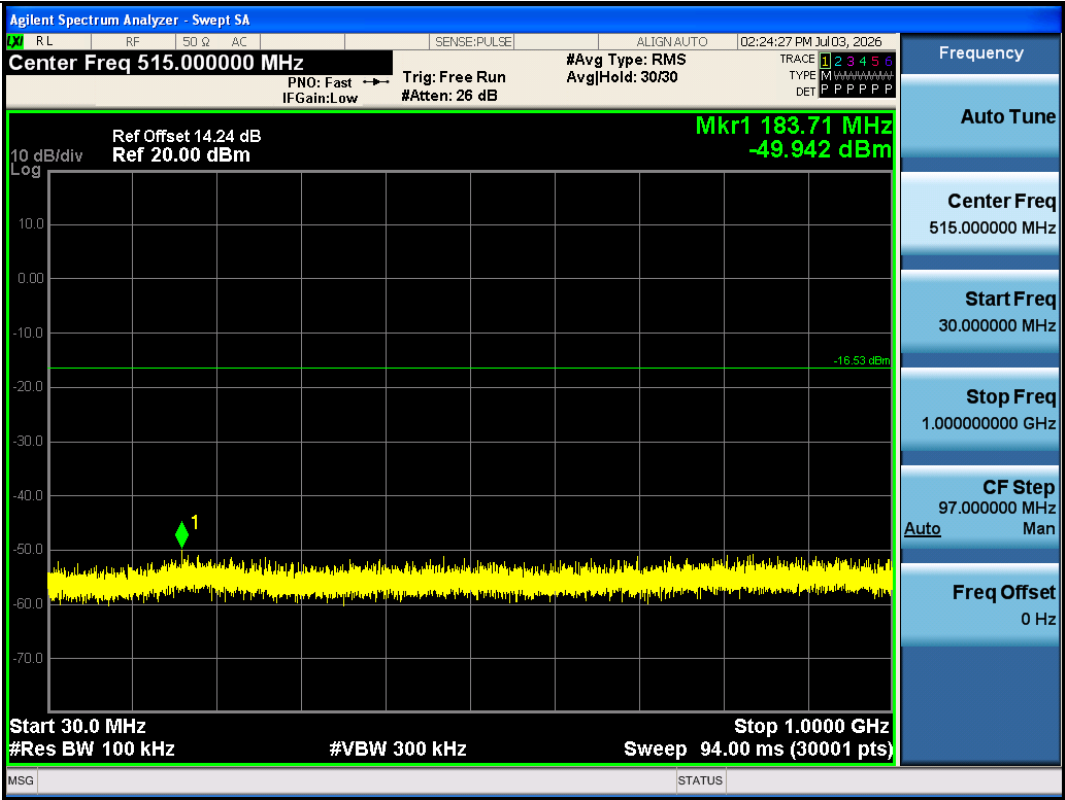
11AX20-2412-1000~25000-PASS



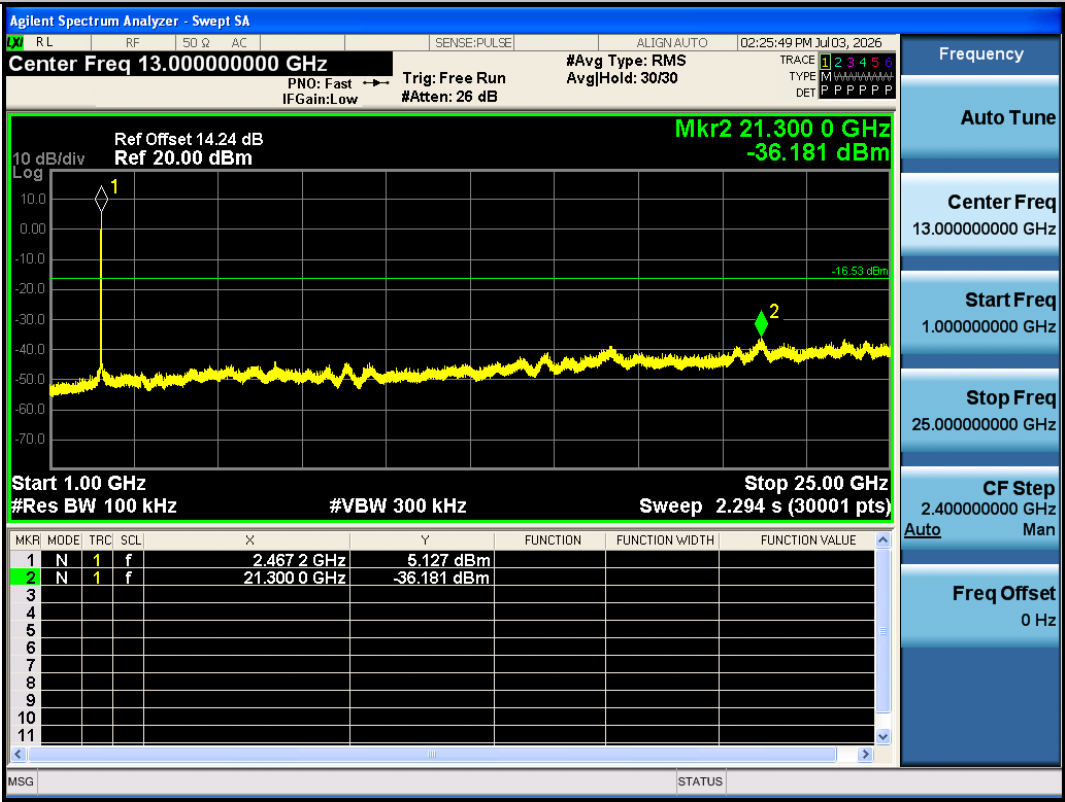
11AX20-2437-30~1000-PASS



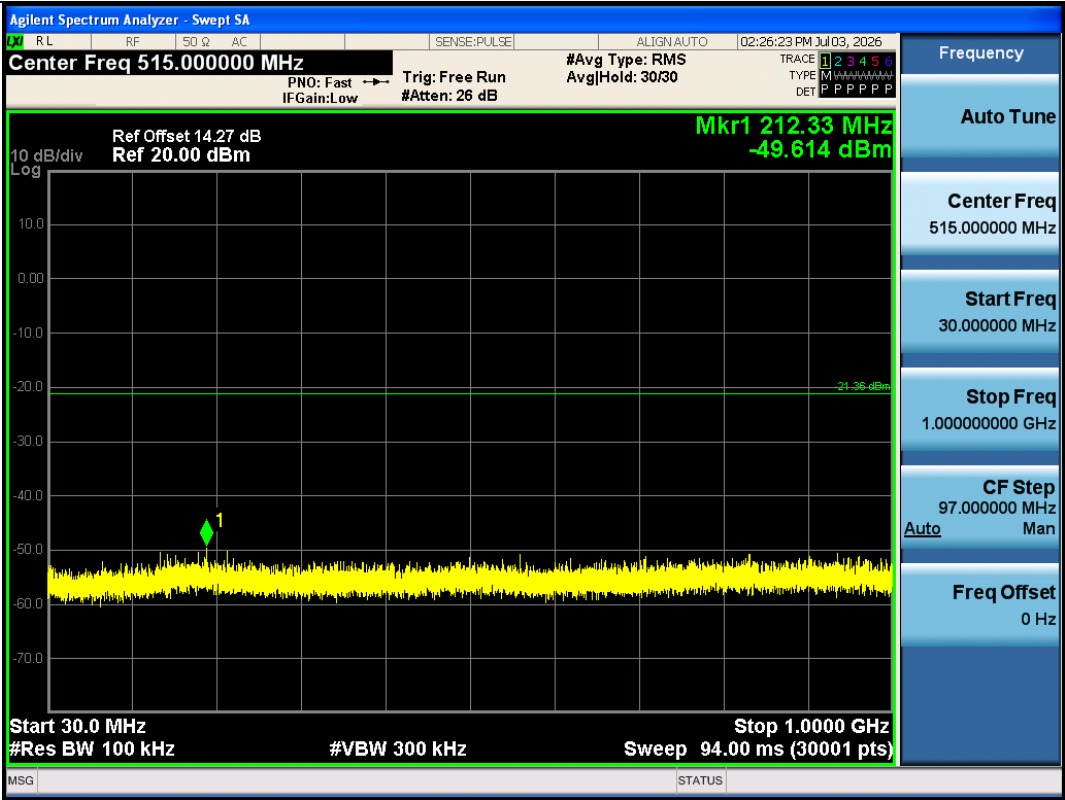
11AX20-2437-1000~25000-PASS



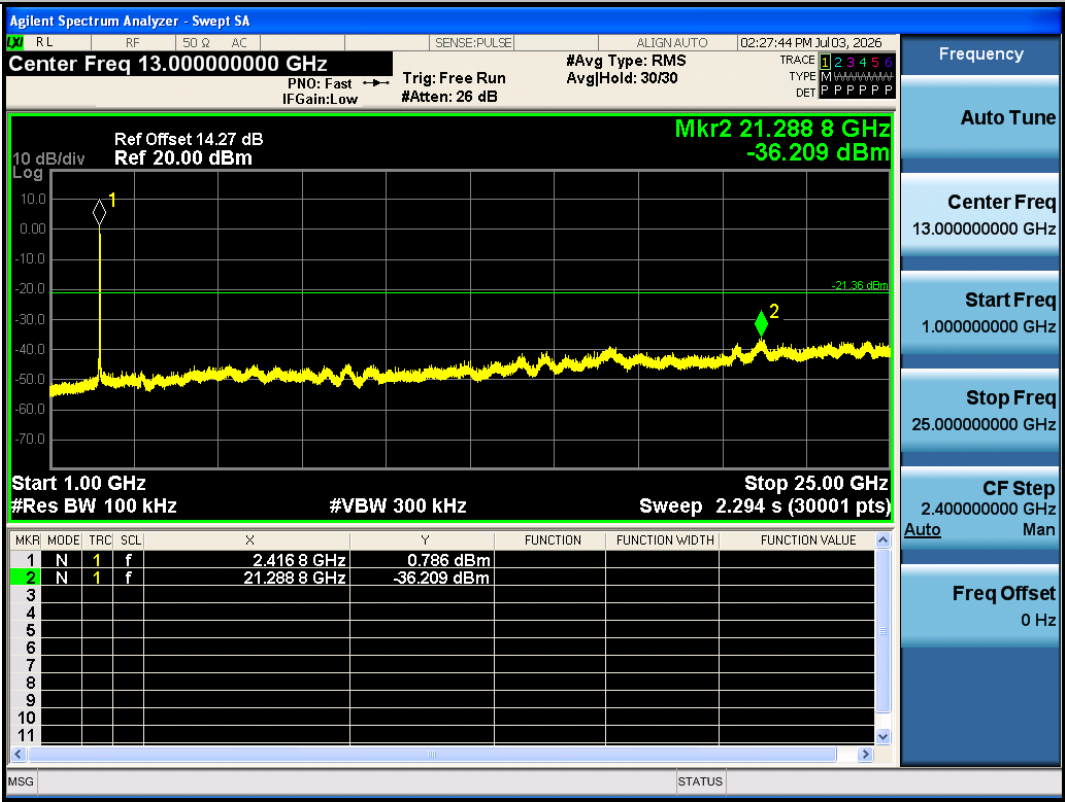
11AX20-2462-30~1000-PASS



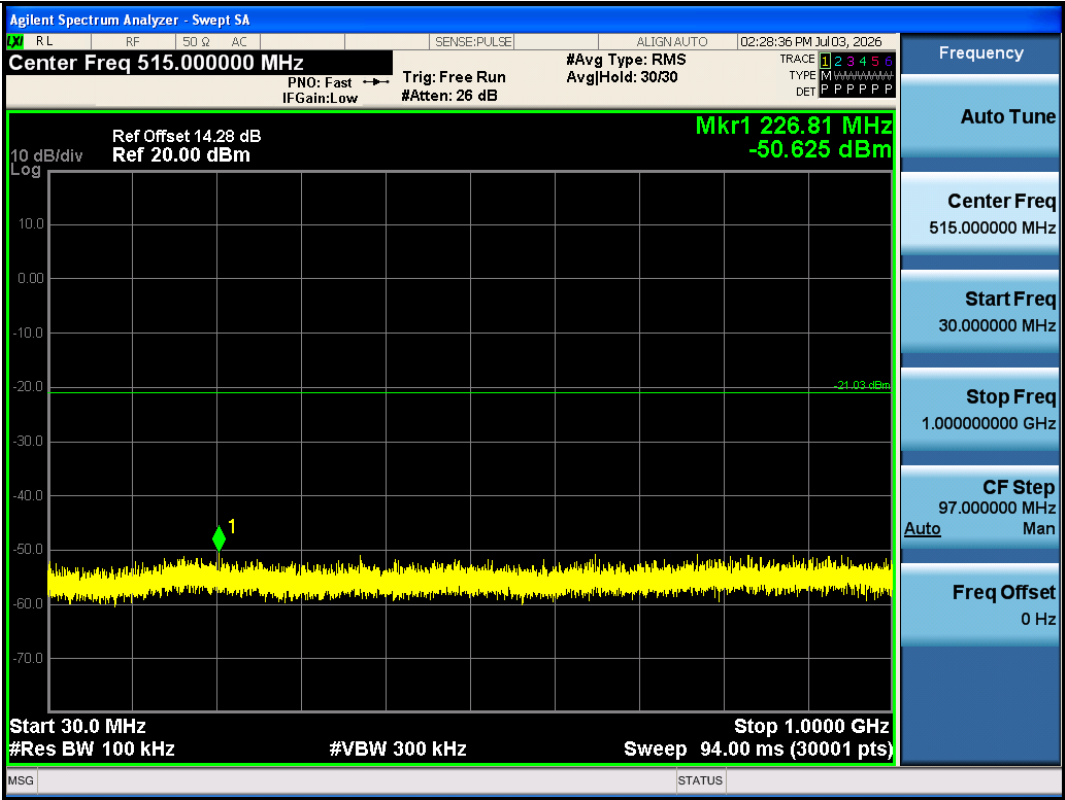
11AX20-2462-1000~25000-PASS



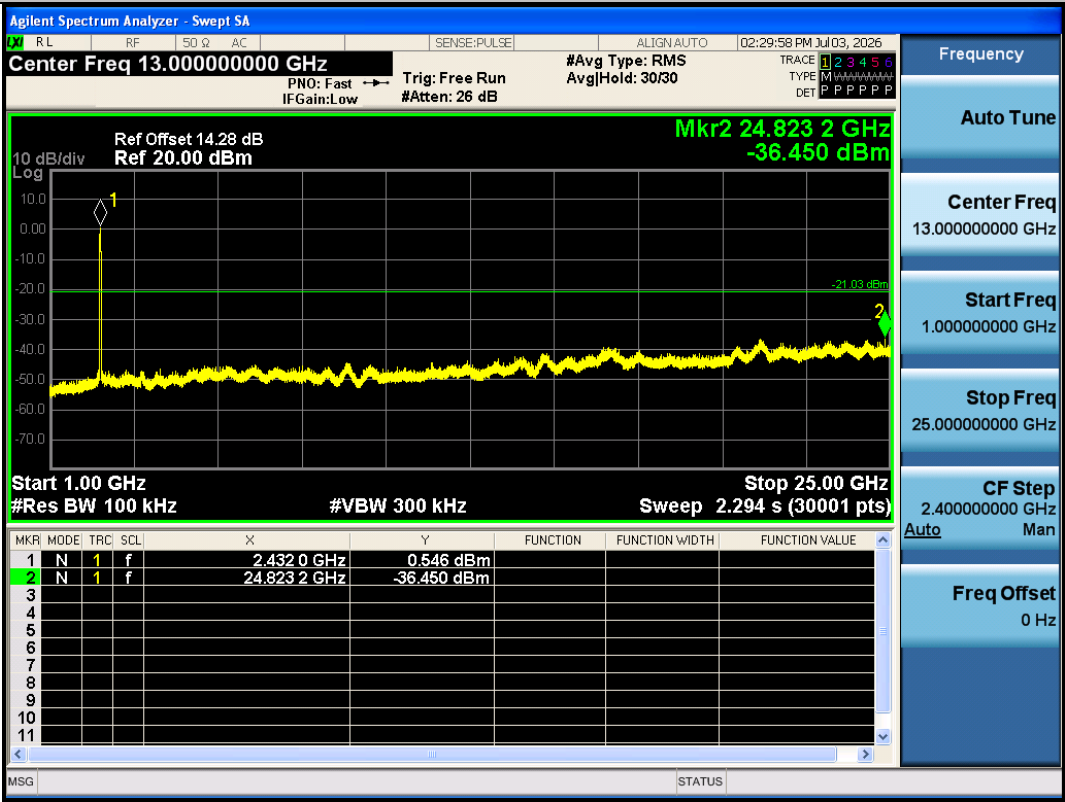
11AX40-2422-30~1000-PASS



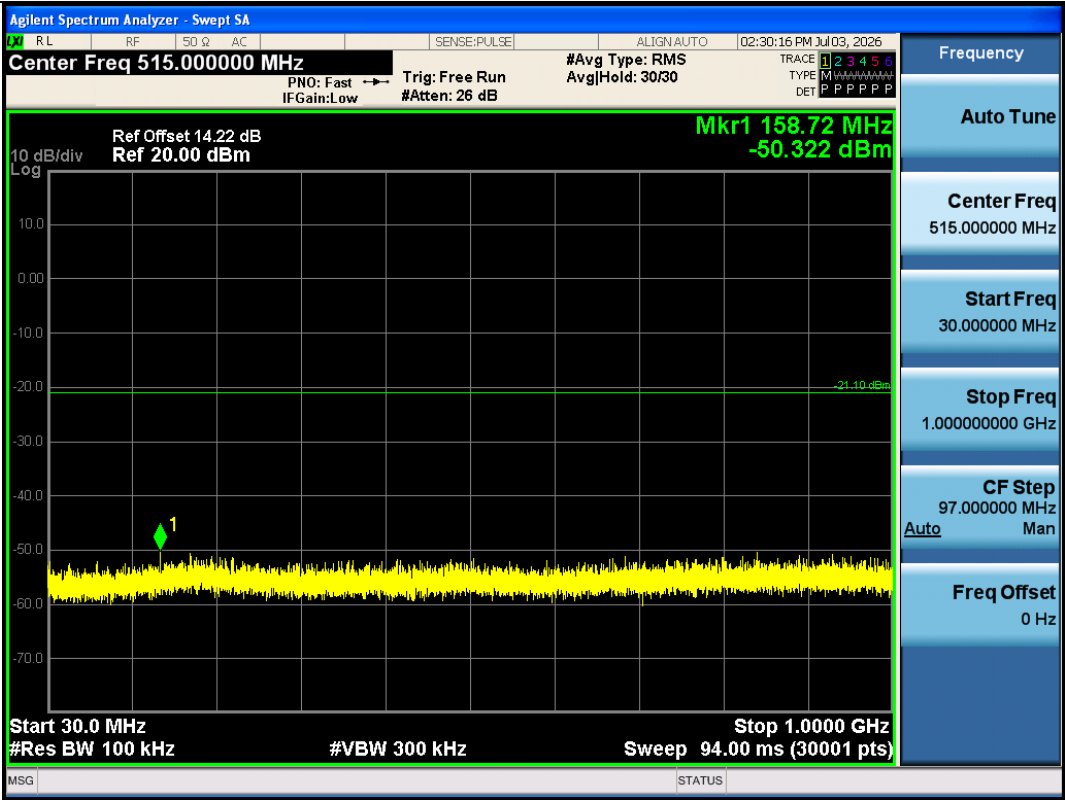
11AX40-2422-1000~25000-PASS



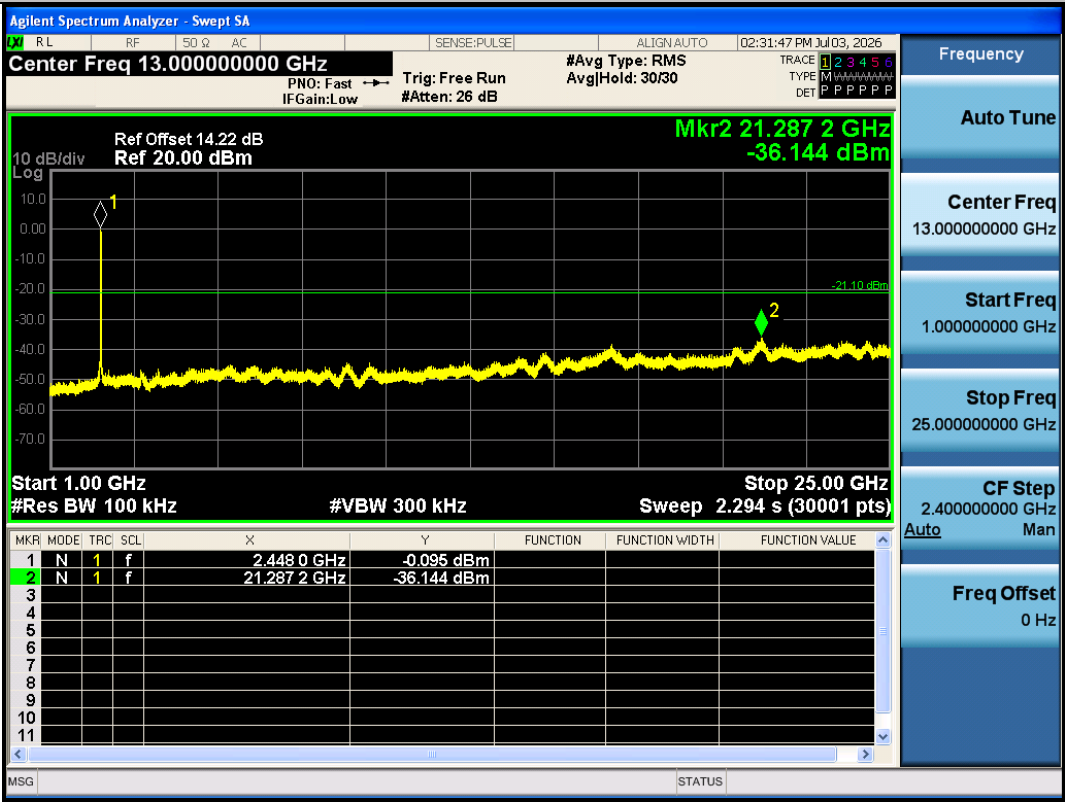
11AX40-2437-30~1000-PASS



11AX40-2437-1000~25000-PASS



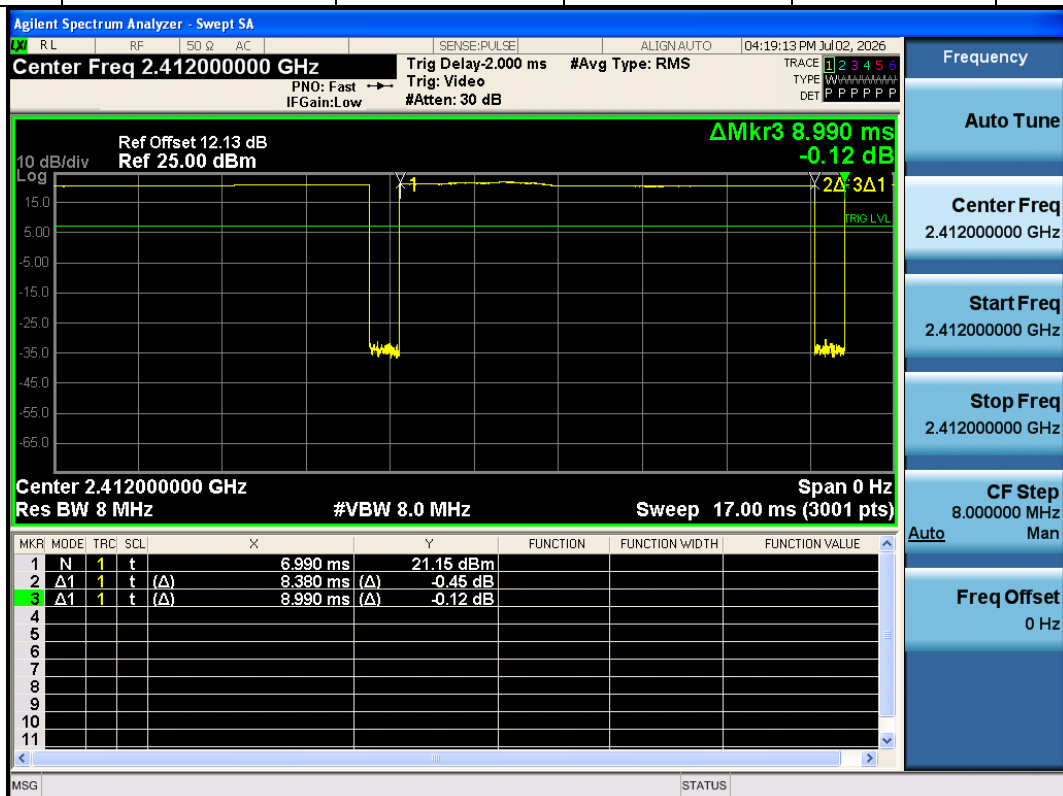
11AX40-2452-30~1000-PASS



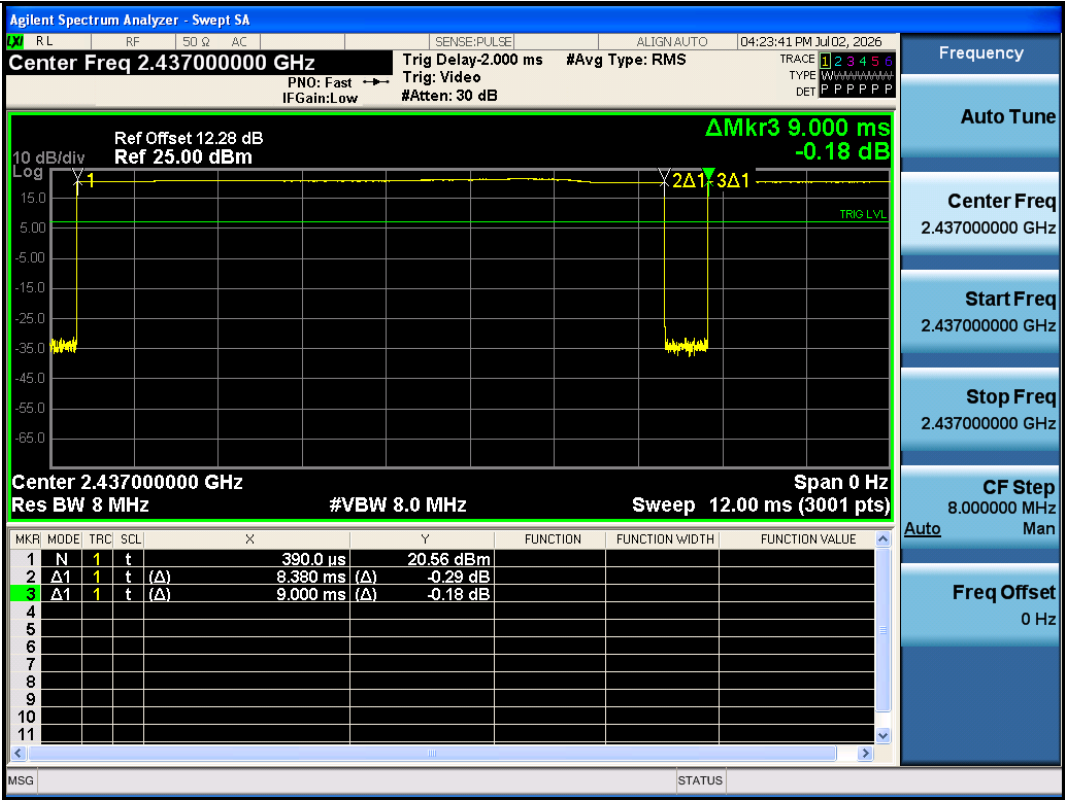
11AX40-2452-1000~25000-PASS

Appendix F: Duty Cycle

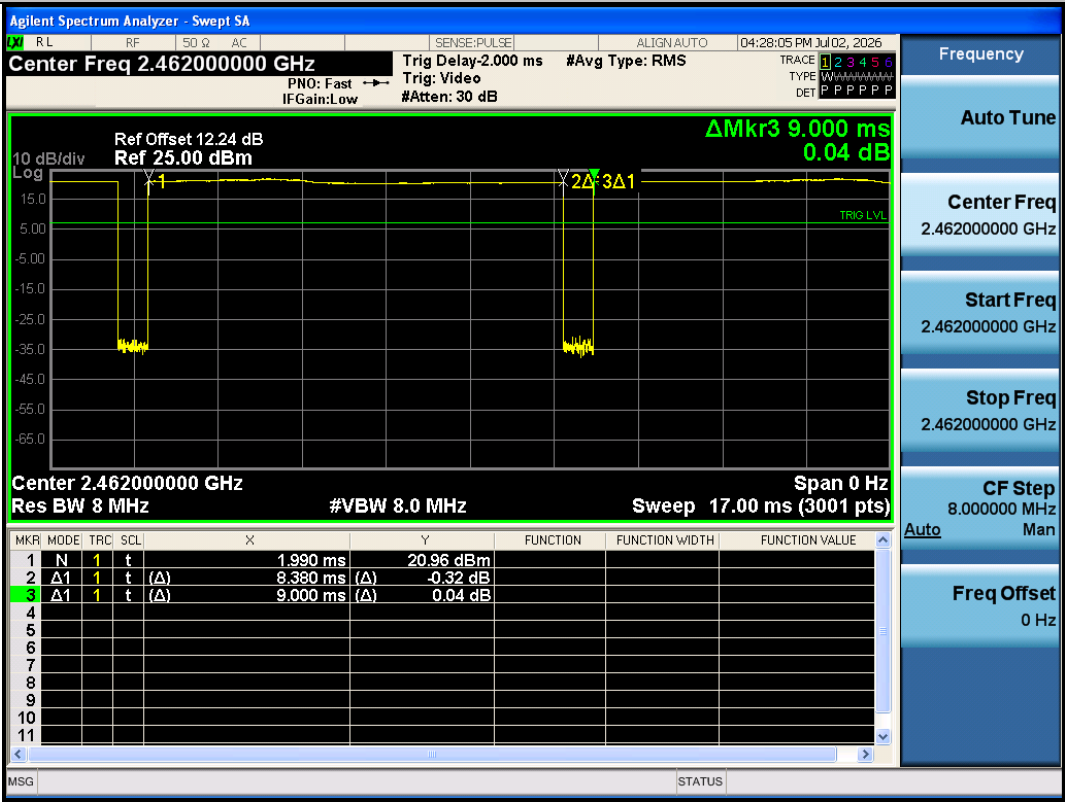
TestMode	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	2412	8.38	8.99	93.21	0.31
11B	2437	8.38	9.00	93.11	0.31
11B	2462	8.38	9.00	93.11	0.31
11G	2412	1.39	2.01	69.15	1.60
11G	2437	1.39	2.01	69.15	1.60
11G	2462	1.39	2.02	68.81	1.62
11N20	2412	1.30	1.92	67.71	1.69
11N20	2437	1.30	1.92	67.71	1.69
11N20	2462	1.30	1.93	67.36	1.72
11N40	2422	0.65	1.26	51.59	2.87
11N40	2437	0.65	1.28	50.78	2.94
11N40	2452	0.65	1.27	51.18	2.91
11AX20	2412	0.55	1.16	47.41	3.24
11AX20	2437	0.55	1.16	47.41	3.24
11AX20	2462	0.56	1.16	48.28	3.16
11AX40	2422	0.20	0.82	24.39	6.13
11AX40	2437	0.21	0.83	25.30	5.97
11AX40	2452	0.20	0.84	23.81	6.23



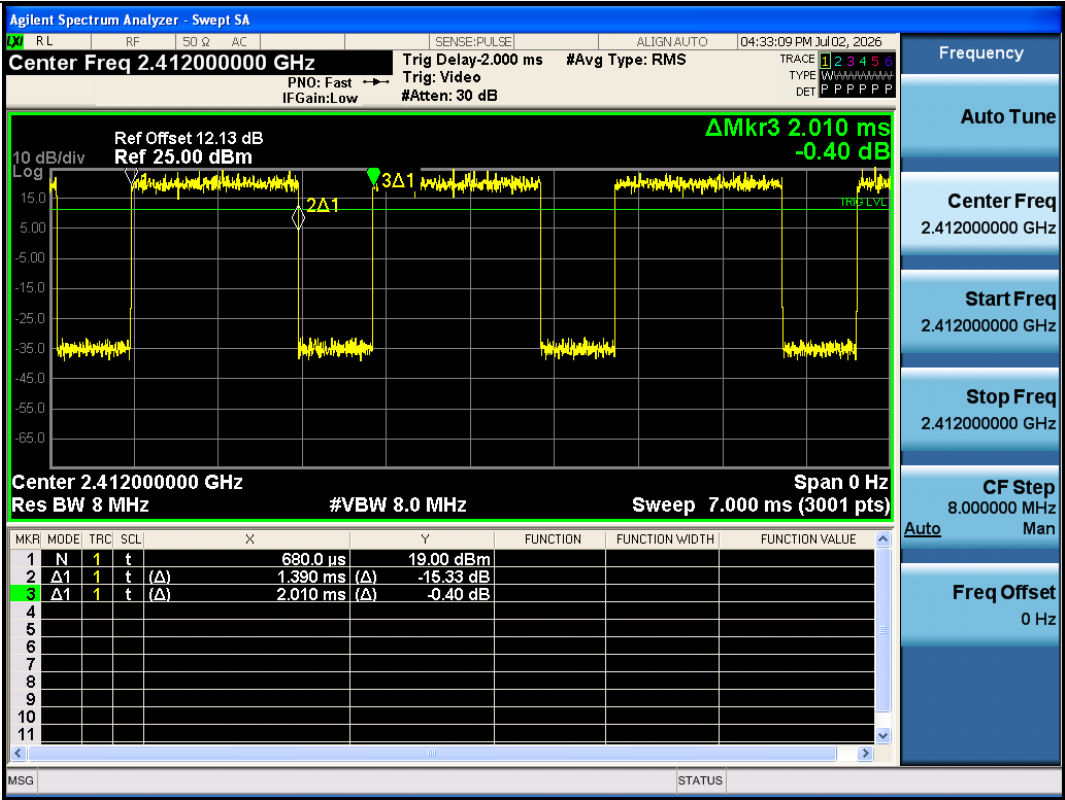
NTNV-11B-2412



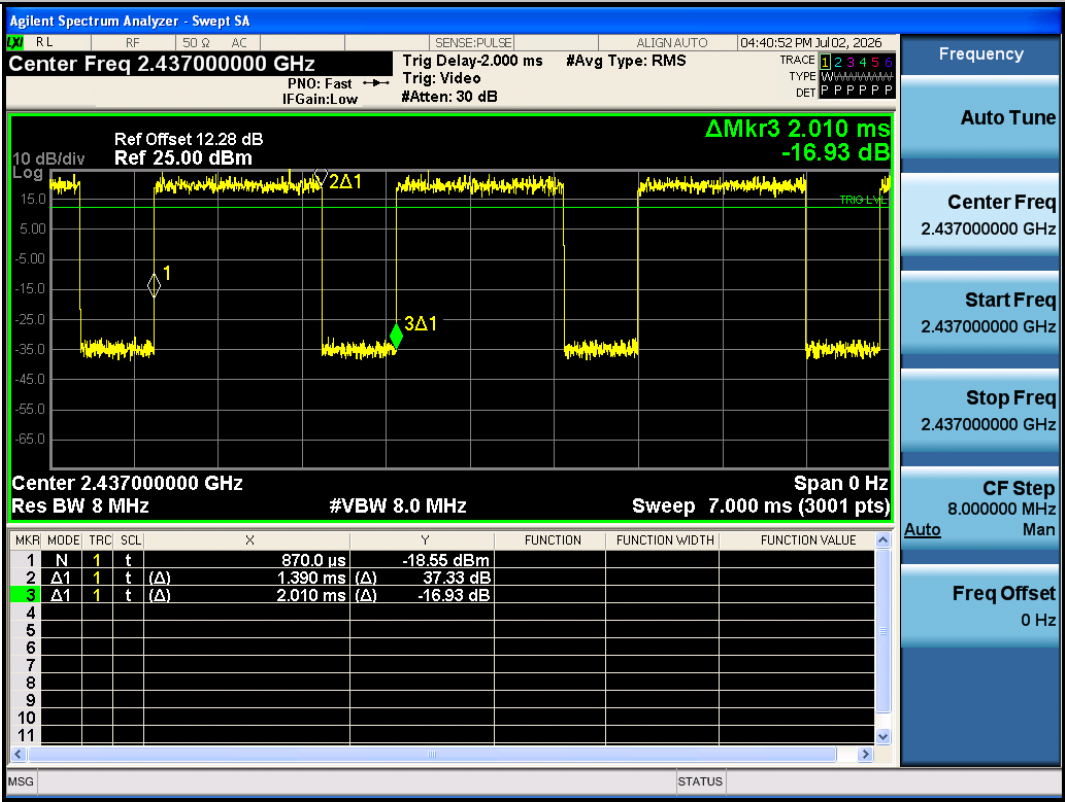
NTNV-11B-2437



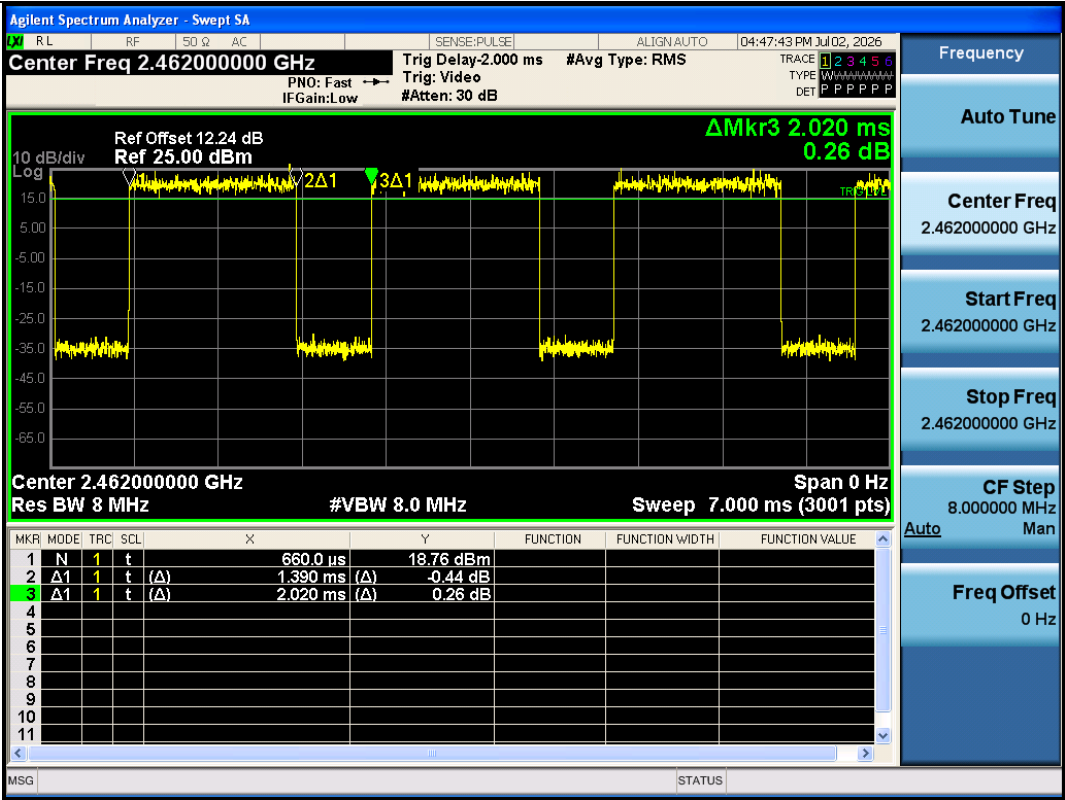
NTNV-11B-2462



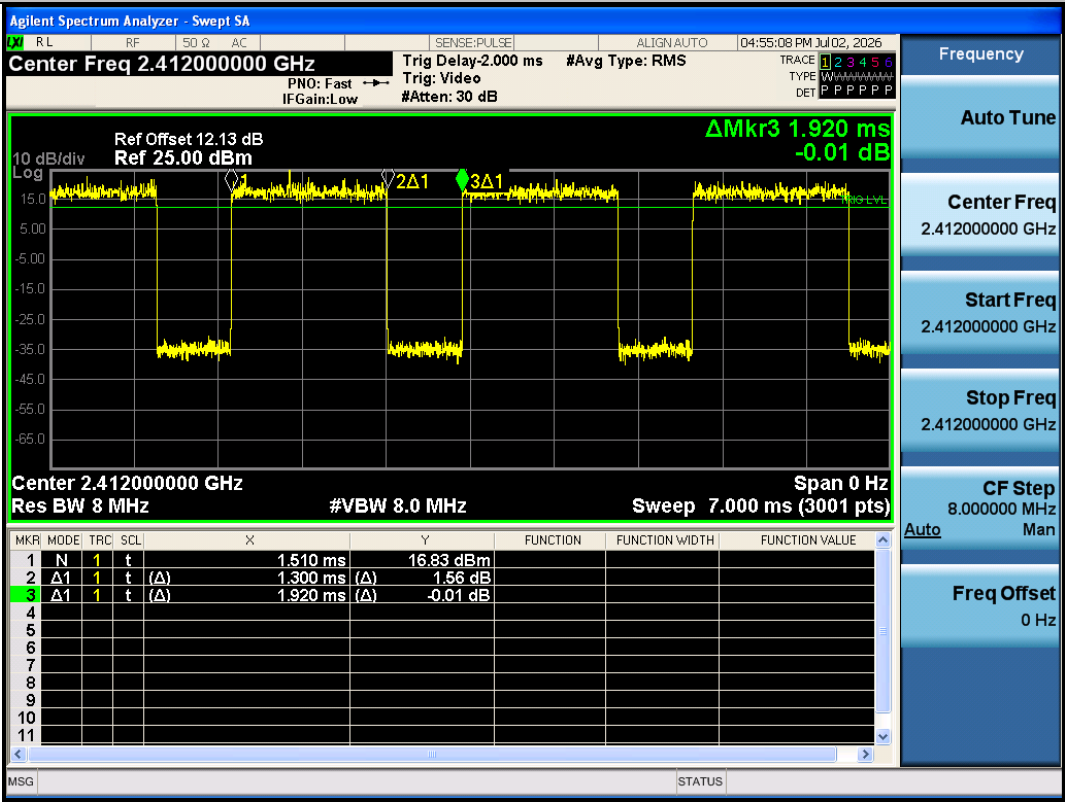
NTNV-11G-2412



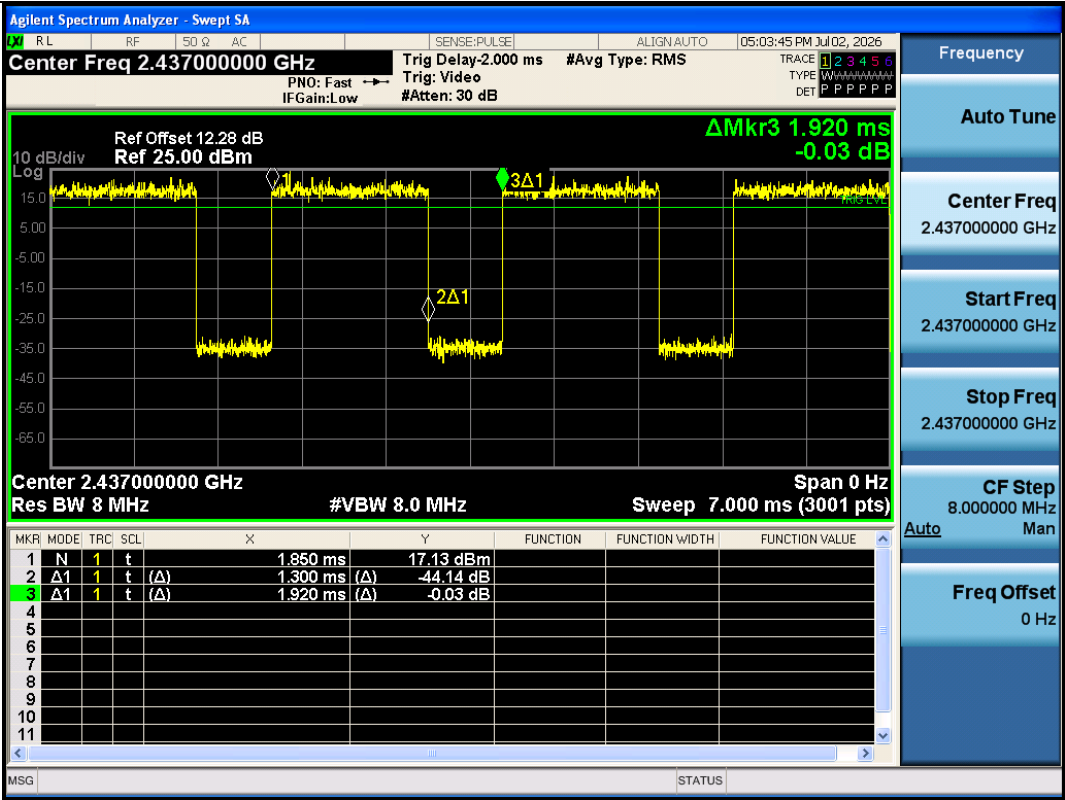
NTNV-11G-2437



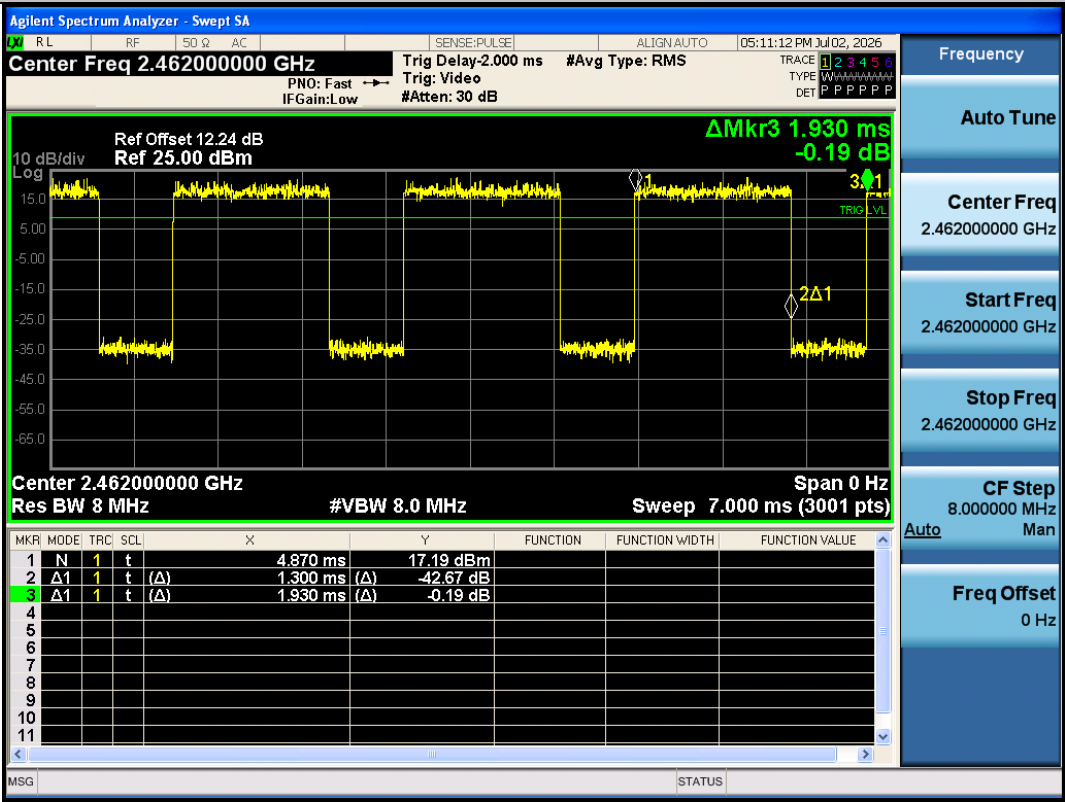
NTNV-11G-2462



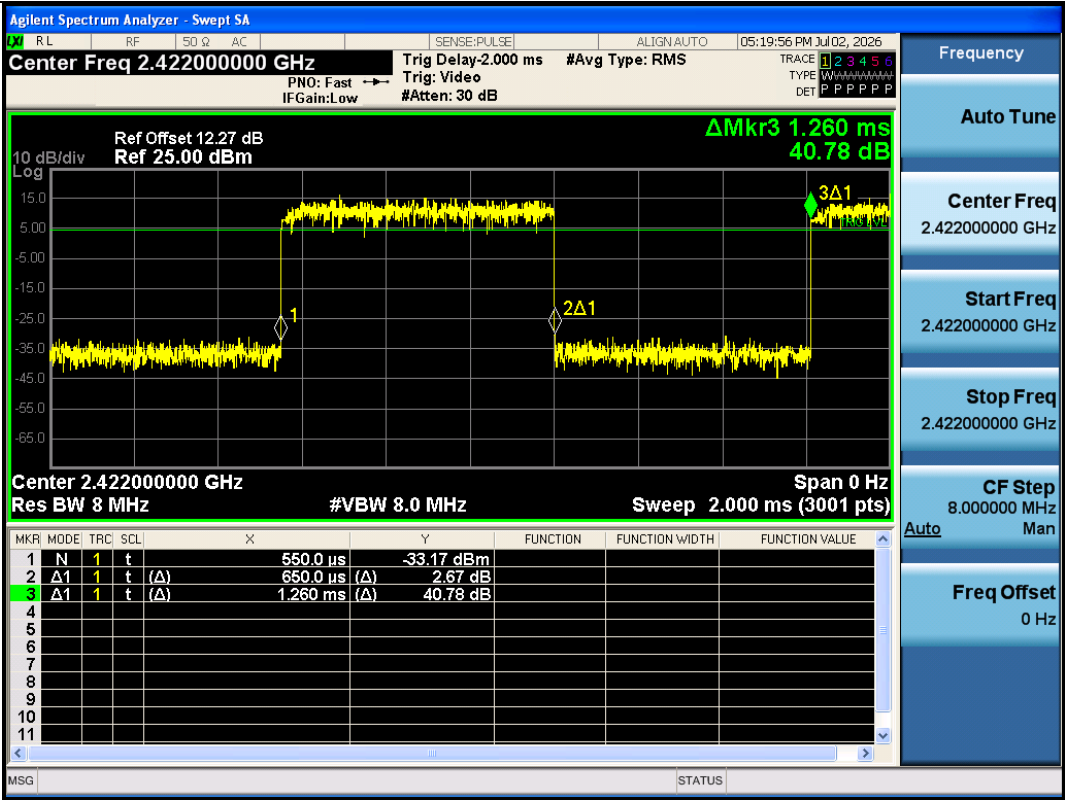
NTNV-11N20-2412



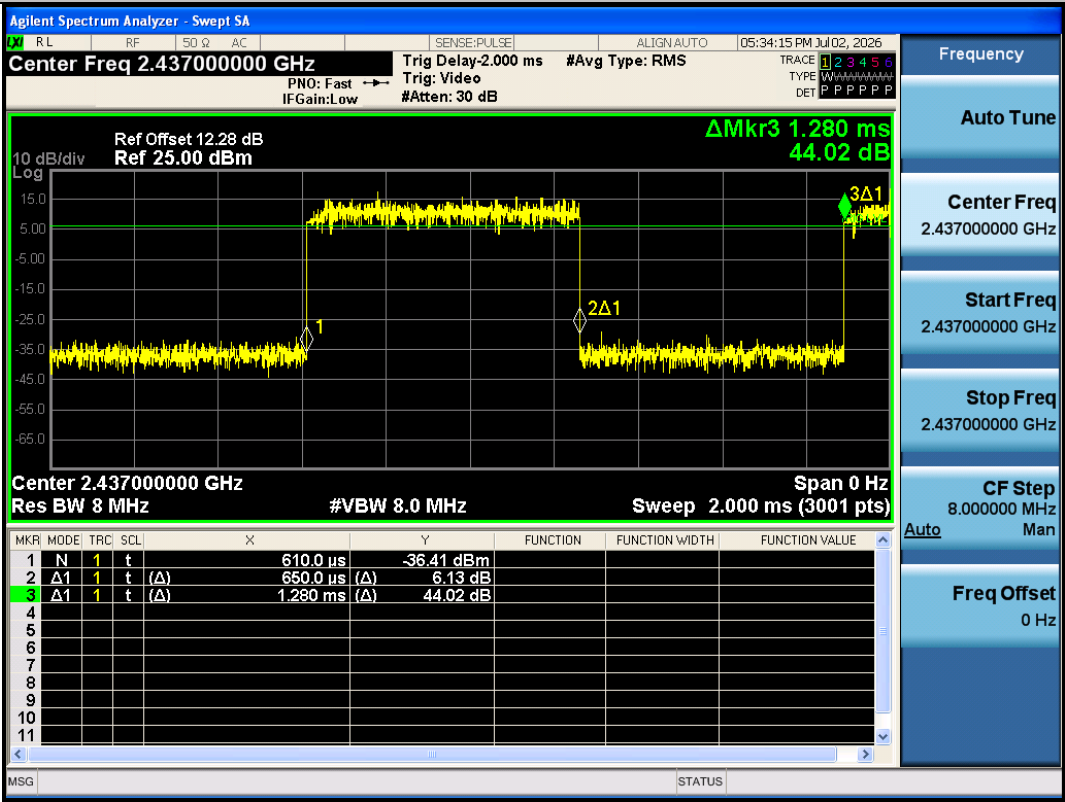
NTNV-11N20-2437



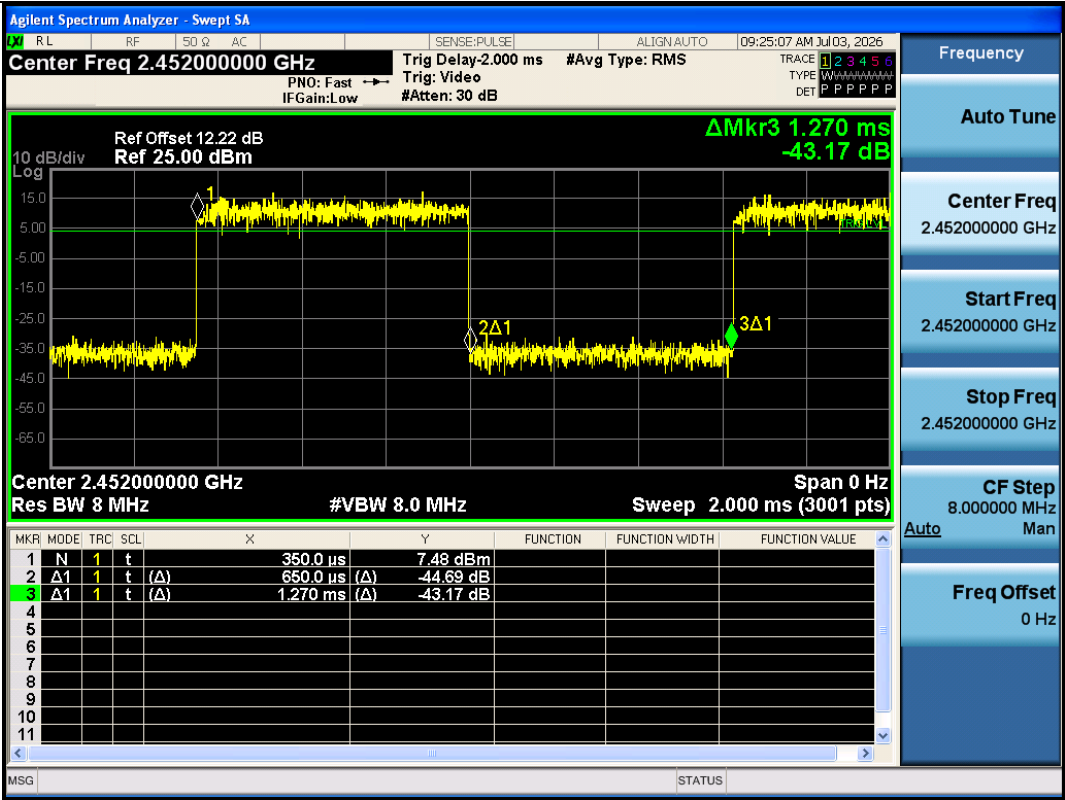
NTNV-11N20-2462



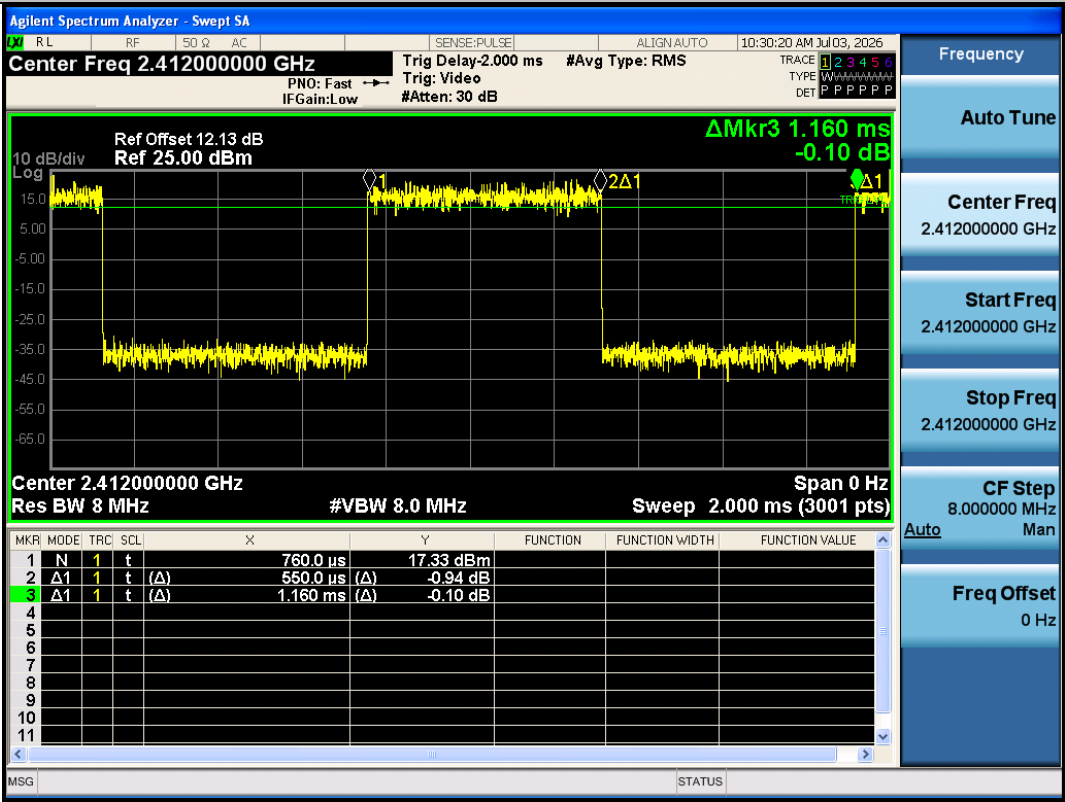
NTNV-11N40-2422



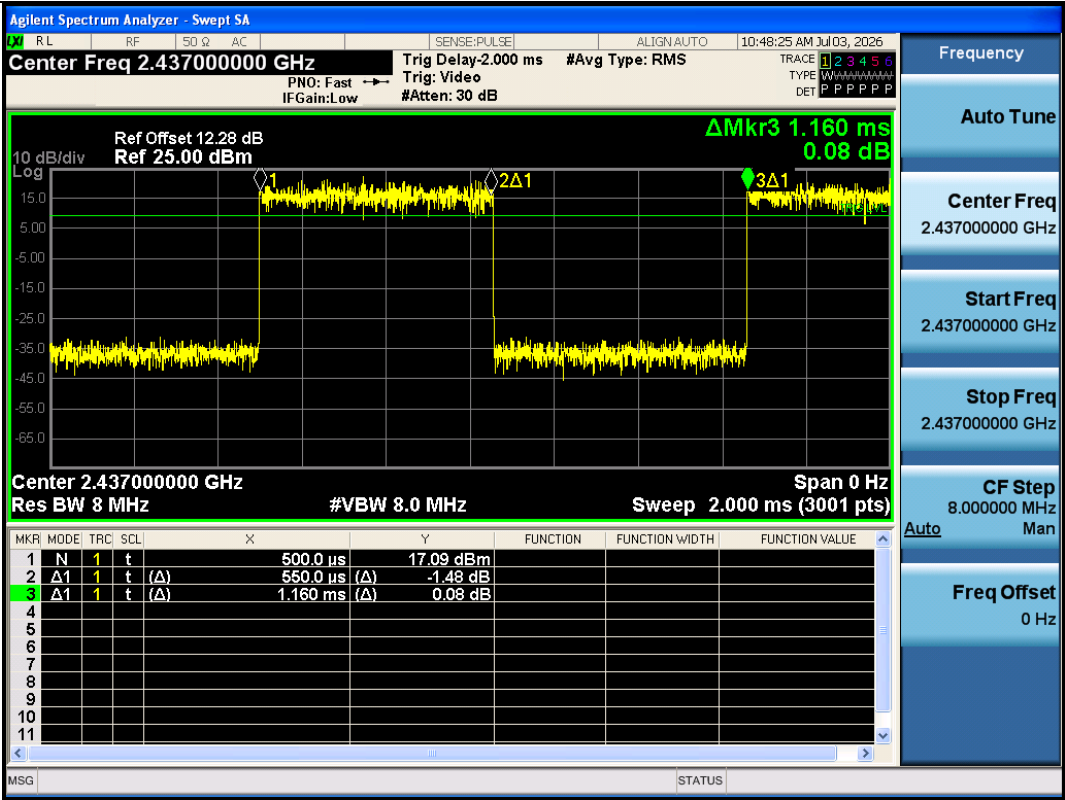
NTNV-11N40-2437



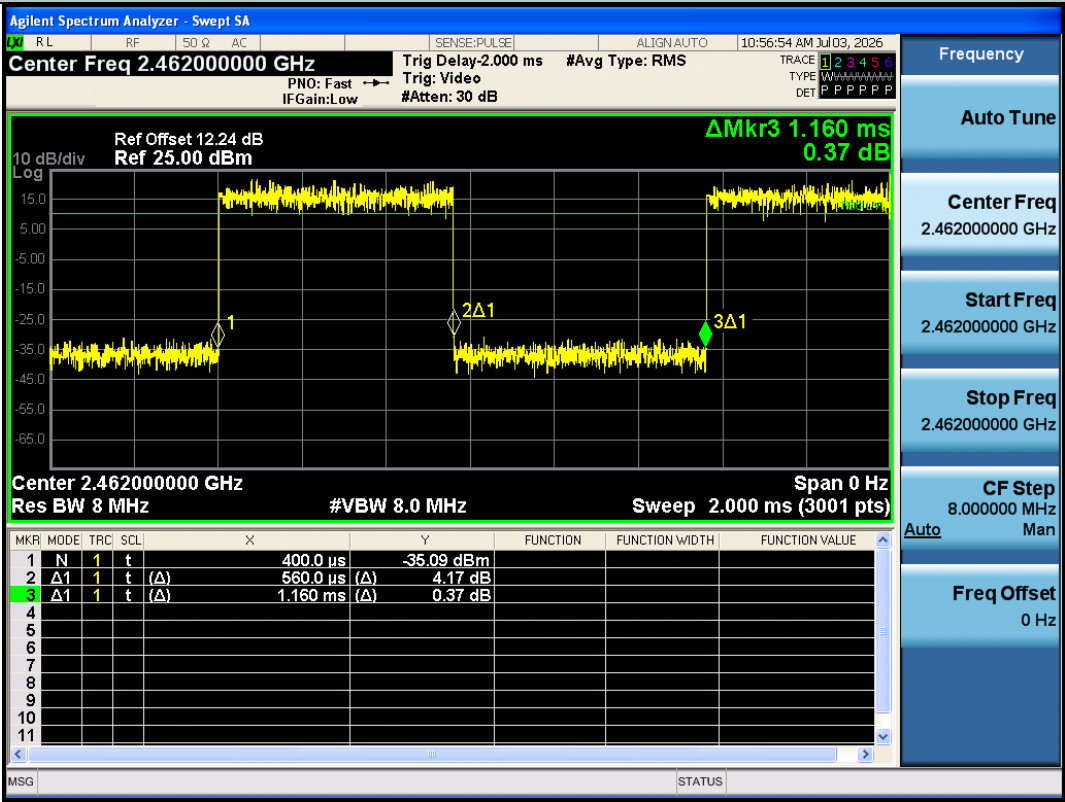
NTNV-11N40-2452



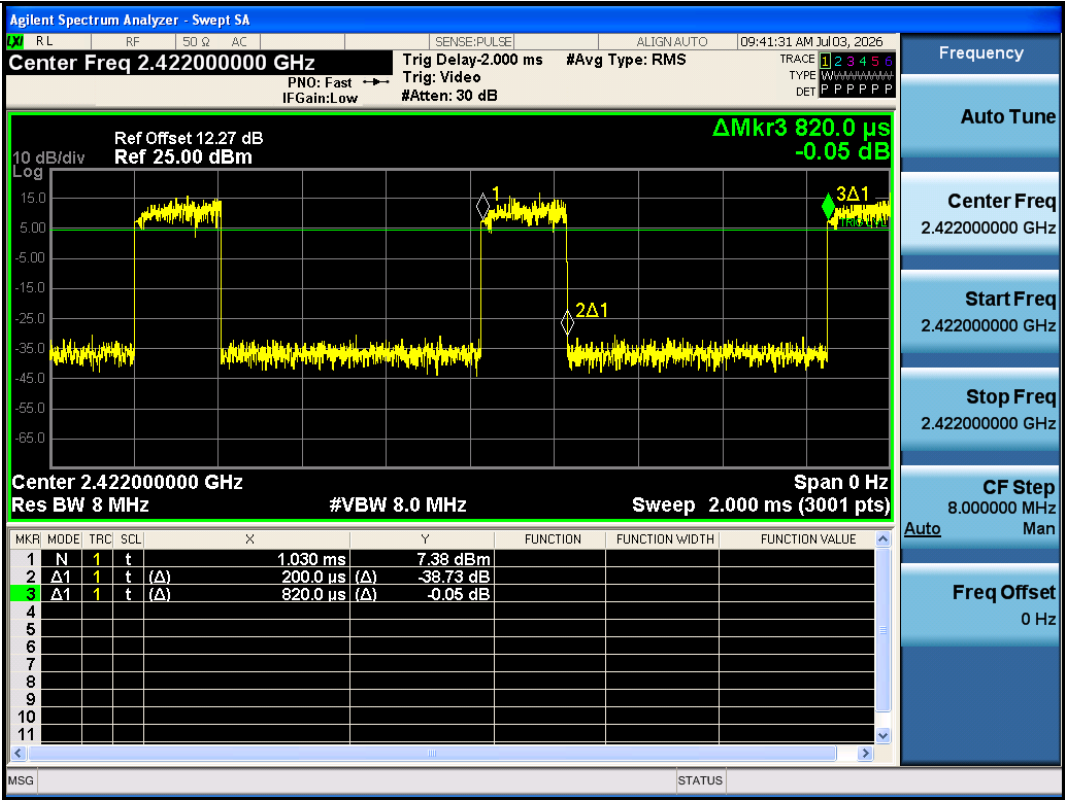
NTNV-11AX20-2412



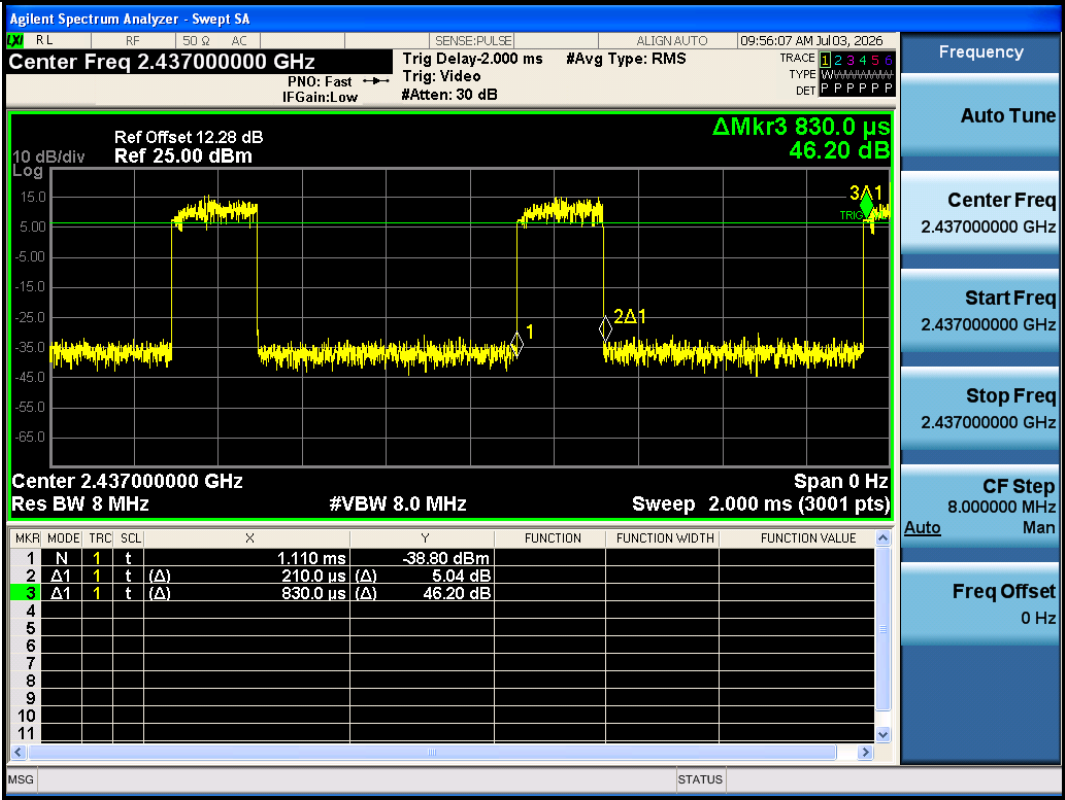
NTNV-11AX20-2437



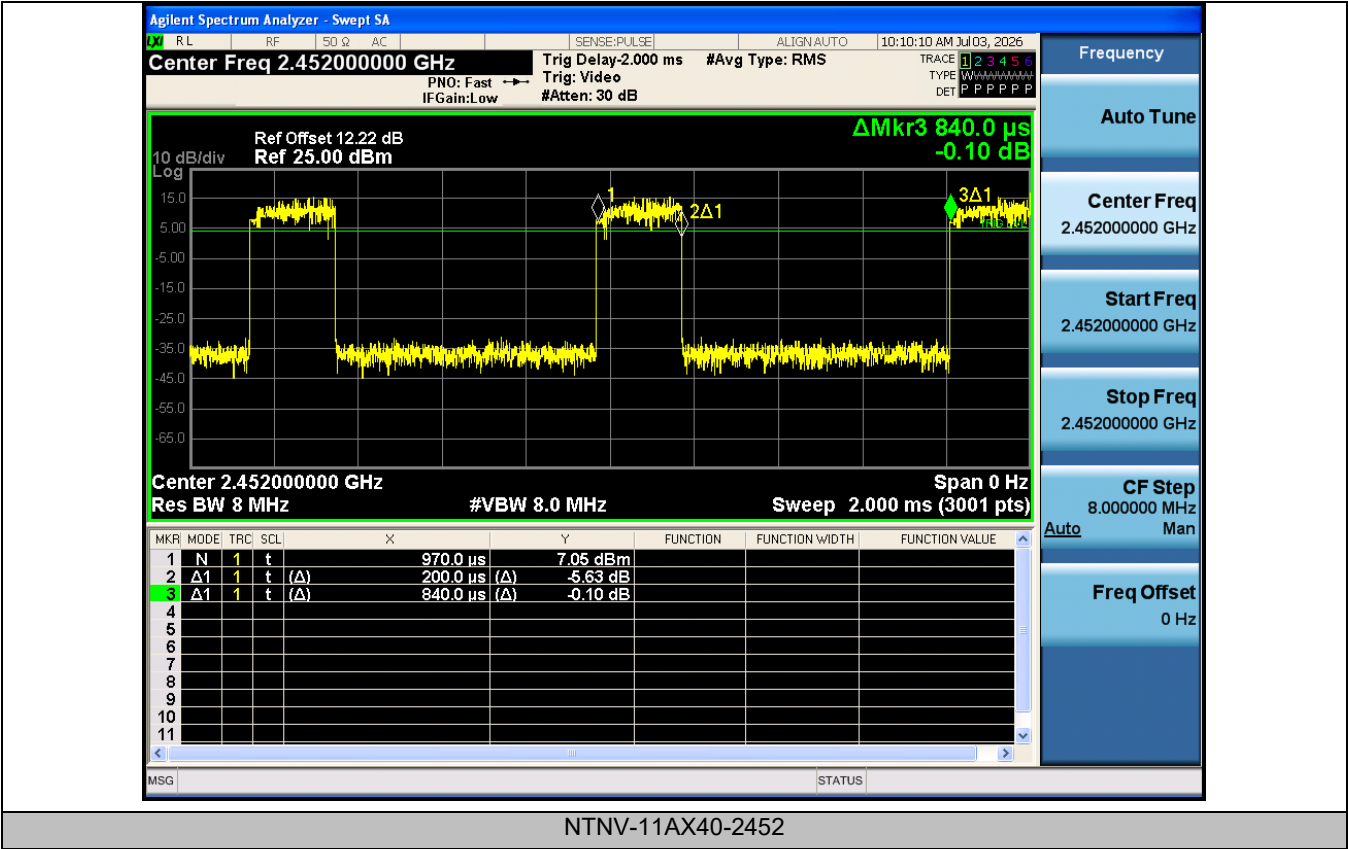
NTNV-11AX20-2462



NTNV-11AX40-2422

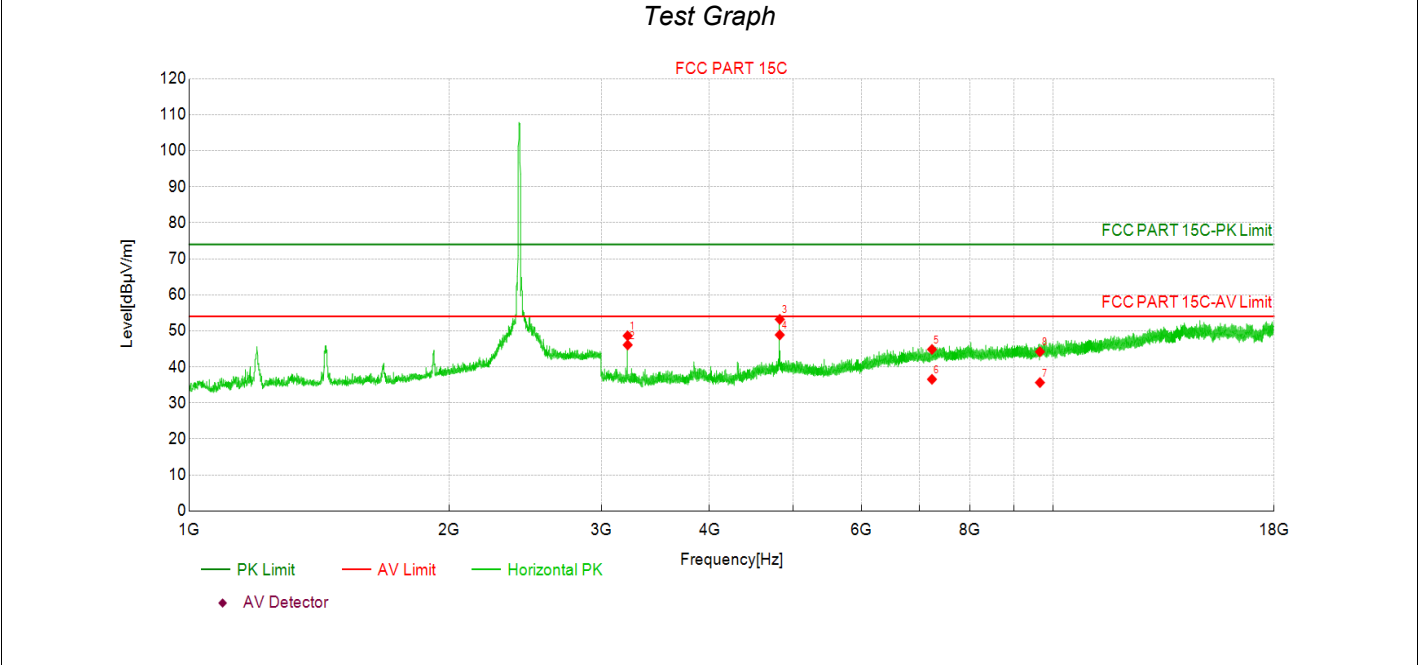


NTNV-11AX40-2437



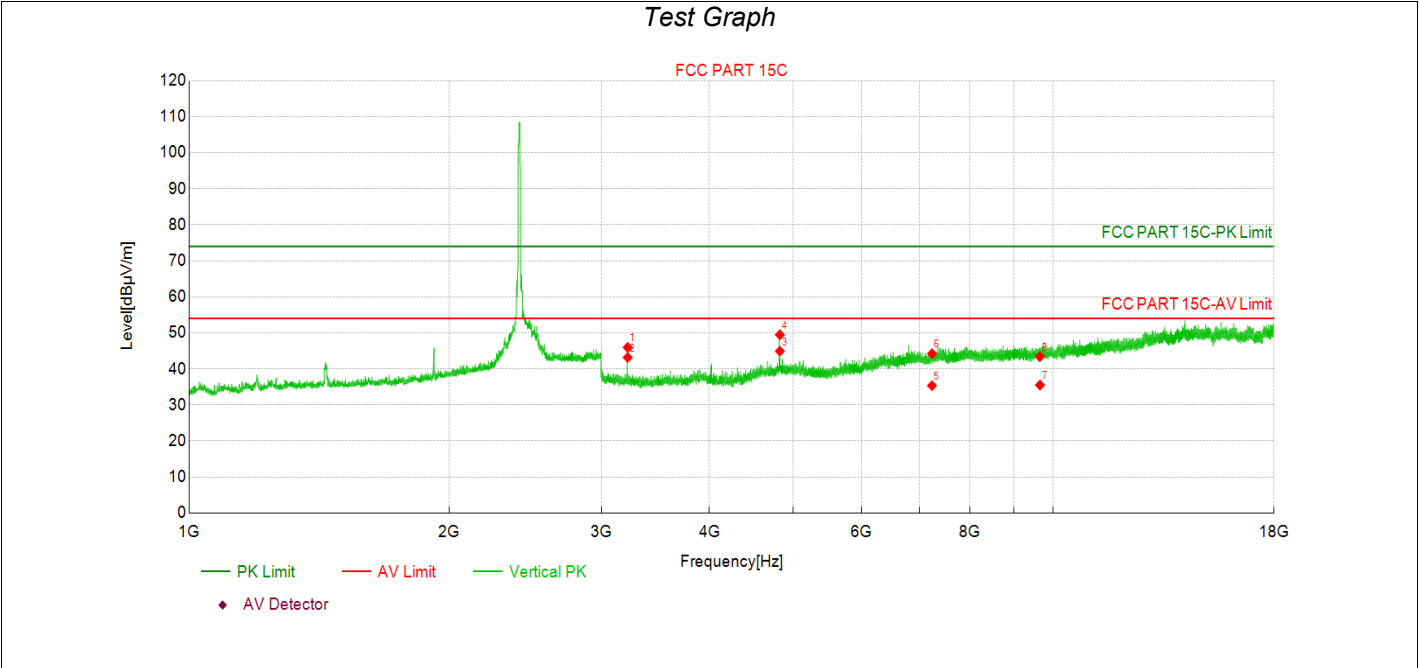
Appendix G: Emissions in Restricted Bands

Transmit at 2412MHz by 802.11b with Ant2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	3216.00	63.1	48.62	-14.470	74.00	25.38	PK	Horizo	PASS
2	3216.50	60.6	46.08	-14.470	54.00	7.92	AV	Horizo	PASS
3	4824.00	60.0	53.19	-6.790	74.00	20.81	PK	Horizo	PASS
4	4824.00	55.7	48.88	-6.790	54.00	5.12	AV	Horizo	PASS
5	7236.00	46.4	44.86	-1.520	74.00	29.14	PK	Horizo	PASS
6	7236.00	38.1	36.56	-1.520	54.00	17.44	AV	Horizo	PASS
7	9648.00	33.9	35.65	1.800	54.00	18.35	AV	Horizo	PASS
8	9648.00	42.4	44.21	1.800	74.00	29.79	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	3216.00	60.4	45.96	-14.470	74.00	28.04	PK	Vertic	PASS
2	3216.50	57.7	43.18	-14.470	54.00	10.82	AV	Vertic	PASS
3	4824.00	51.7	44.91	-6.790	54.00	9.09	AV	Vertic	PASS
4	4824.50	56.3	49.47	-6.780	74.00	24.53	PK	Vertic	PASS
5	7236.00	36.9	35.35	-1.520	54.00	18.65	AV	Vertic	PASS
6	7236.00	45.7	44.21	-1.520	74.00	29.79	PK	Vertic	PASS
7	9648.00	33.7	35.53	1.800	54.00	18.47	AV	Vertic	PASS
8	9648.00	41.6	43.43	1.800	74.00	30.57	PK	Vertic	PASS