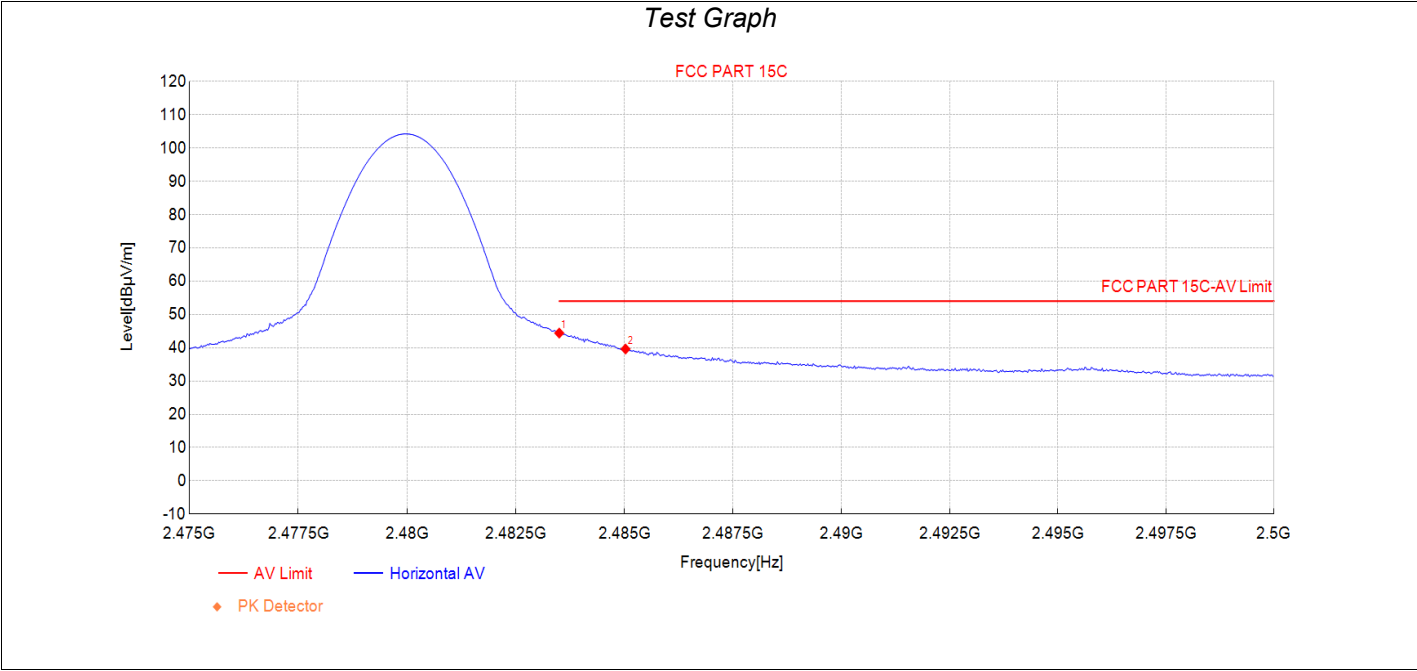
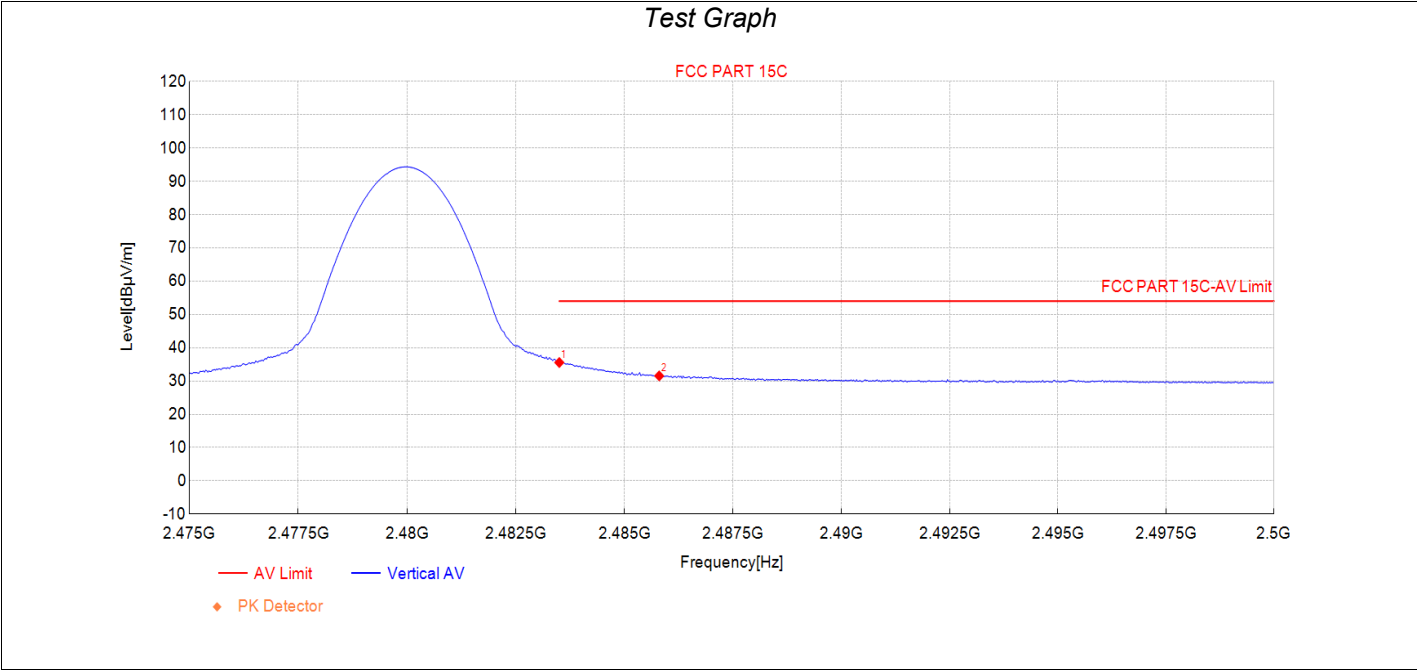


Transmit at 2480MHz by Coded S=8



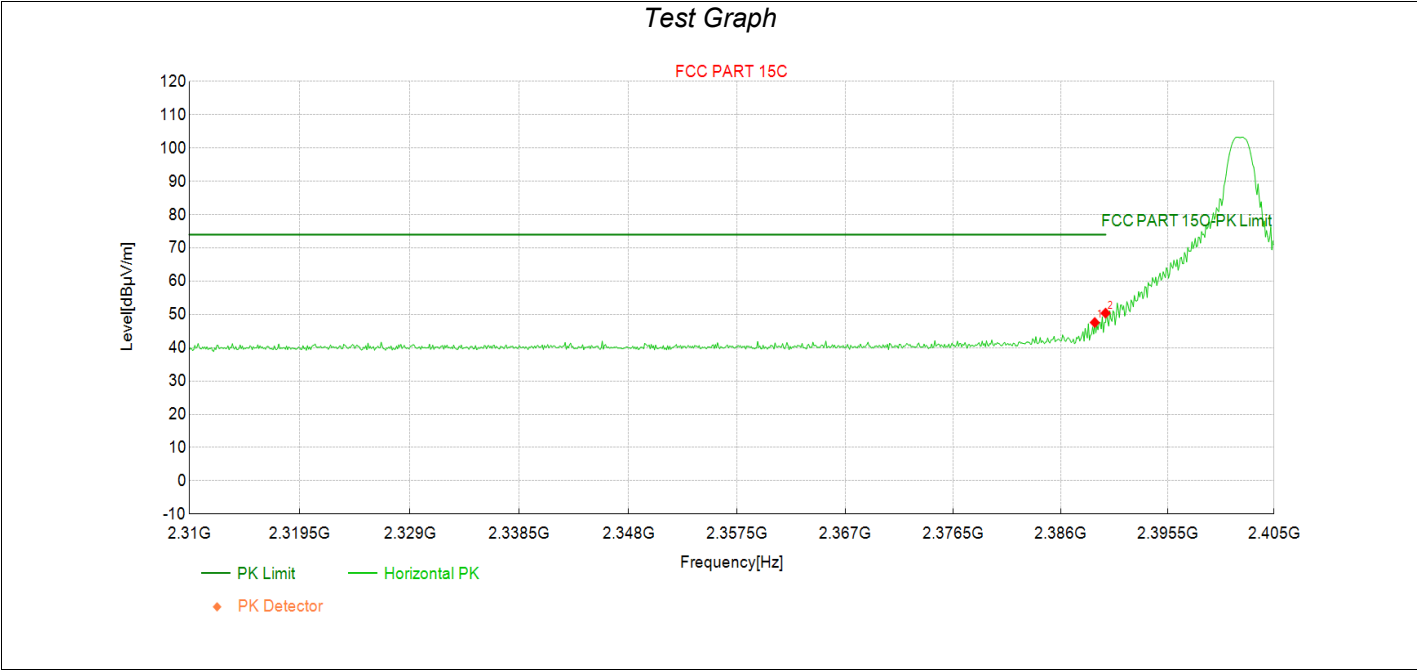
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.1	44.40	0.270	54.00	9.60	AV	Horizo	PASS
2	2485.03	39.3	39.61	0.280	54.00	14.39	AV	Horizo	PASS

Transmit at 2480MHz by Coded S=8



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.3	35.55	0.270	54.00	18.45	AV	Vertic	PASS
2	2485.80	31.2	31.53	0.290	54.00	22.47	AV	Vertic	PASS

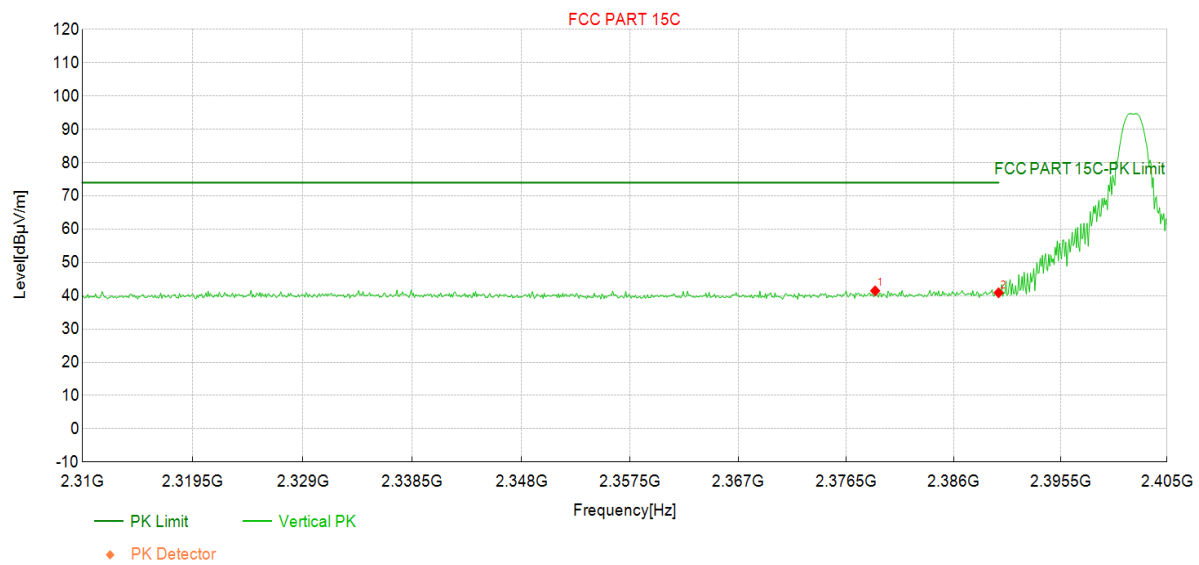
Transmit at 2402MHz by Coded S=2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.04	47.6	47.57	-0.060	74.00	26.43	PK	Horizo	PASS
2	2390.00	50.5	50.40	-0.050	74.00	23.60	PK	Horizo	PASS

Transmit at 2402MHz by Coded S=2

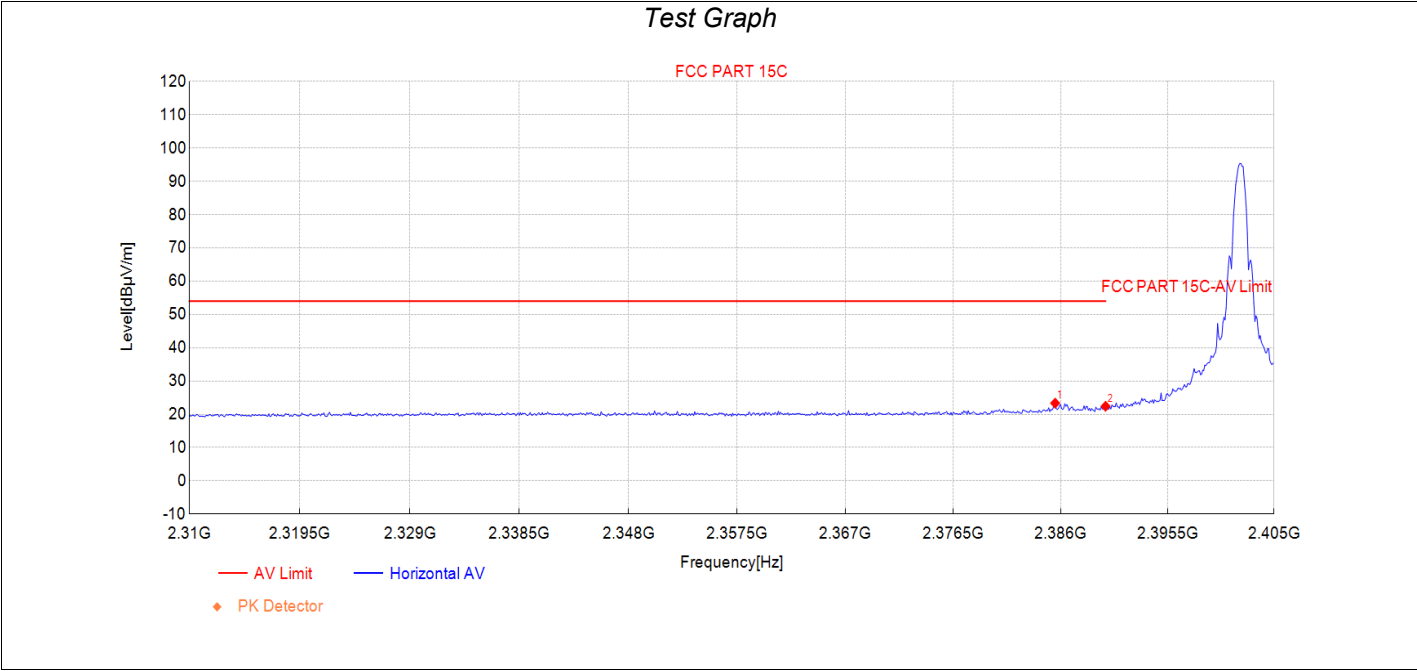
Test Graph



Data List

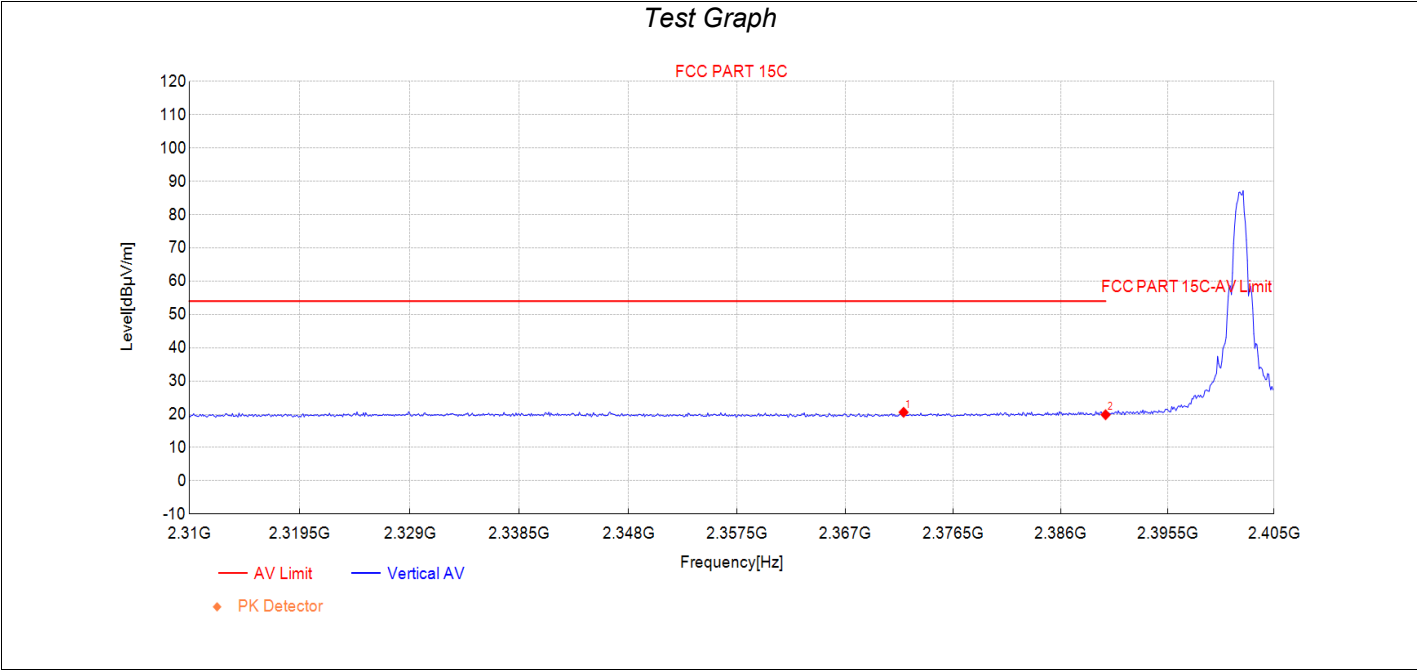
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2379.07	41.6	41.48	-0.080	74.00	32.52	PK	Vertic	PASS
2	2390.00	40.9	40.88	-0.050	74.00	33.12	PK	Vertic	PASS

Transmit at 2402MHz by Coded S=2



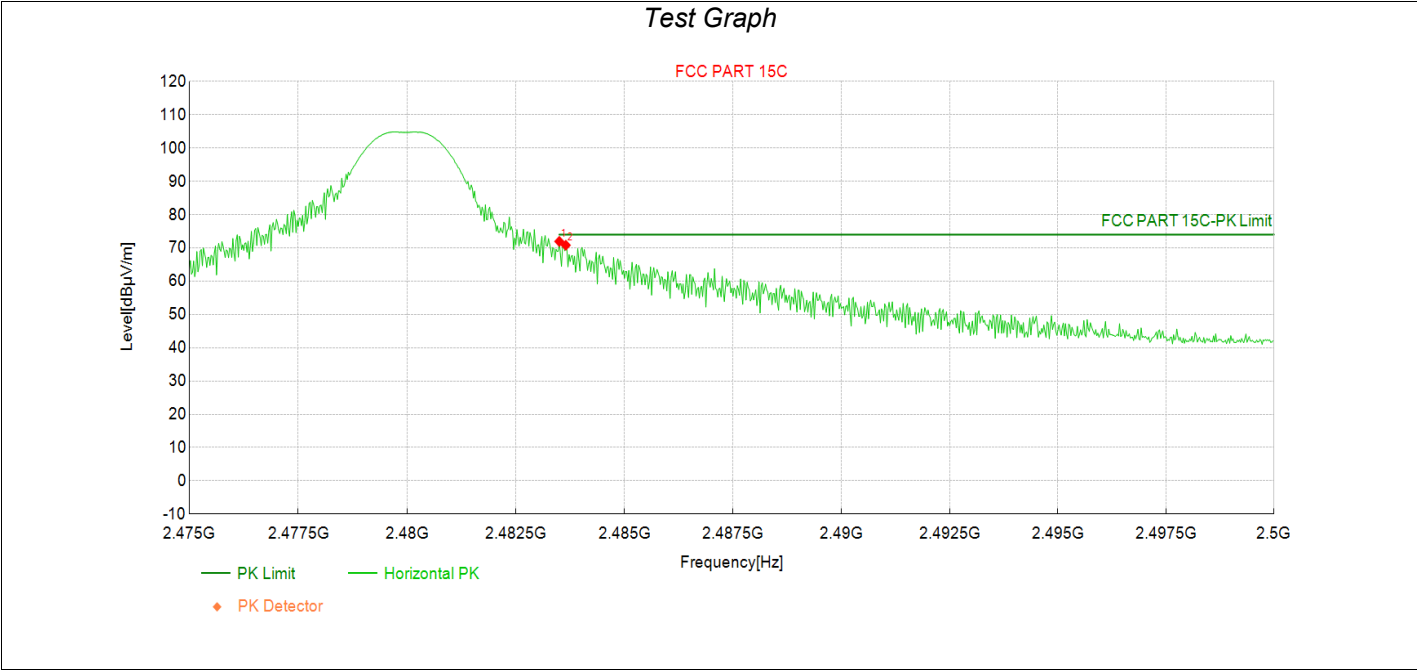
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.53	23.4	23.34	-0.060	54.00	30.66	AV	Horizo	PASS
2	2390.00	22.5	22.40	-0.050	54.00	31.60	AV	Horizo	PASS

Transmit at 2402MHz by Coded S=2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2372.13	20.7	20.59	-0.100	54.00	33.41	AV	Vertic	PASS
2	2390.00	19.9	19.85	-0.050	54.00	34.15	AV	Vertic	PASS

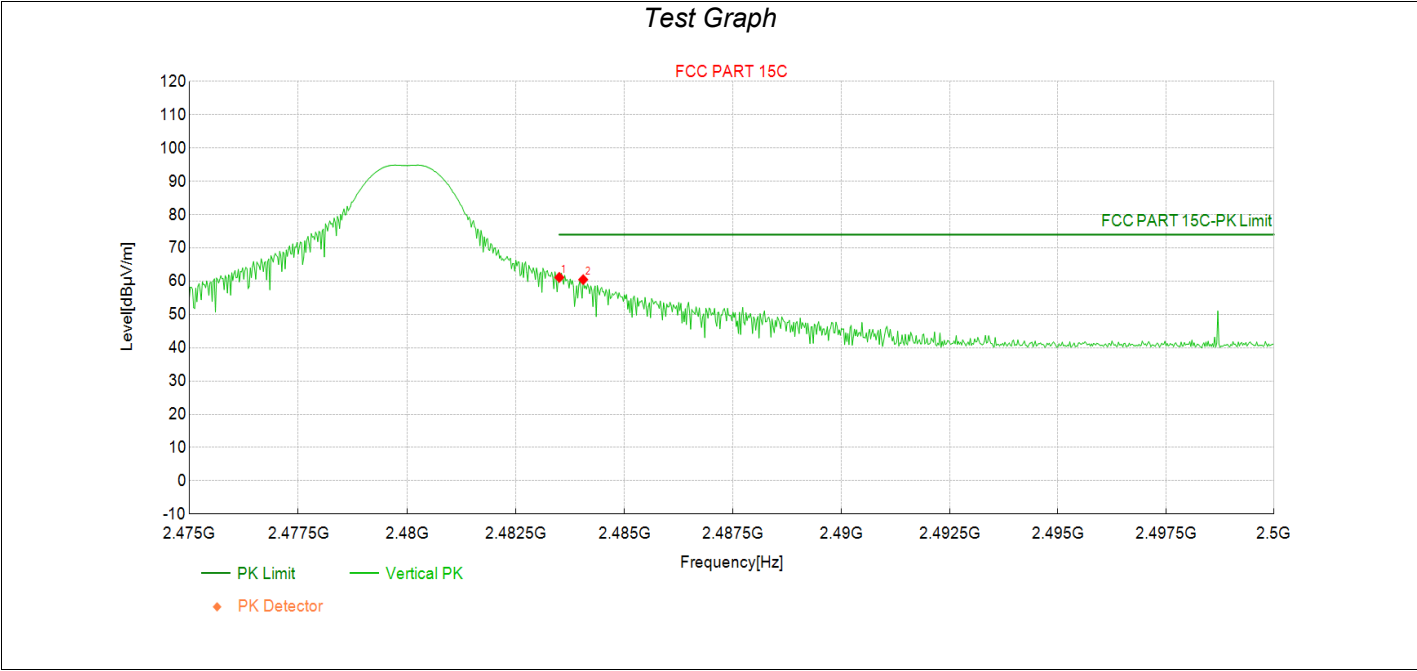
Transmit at 2480MHz by Coded S=2



Data List

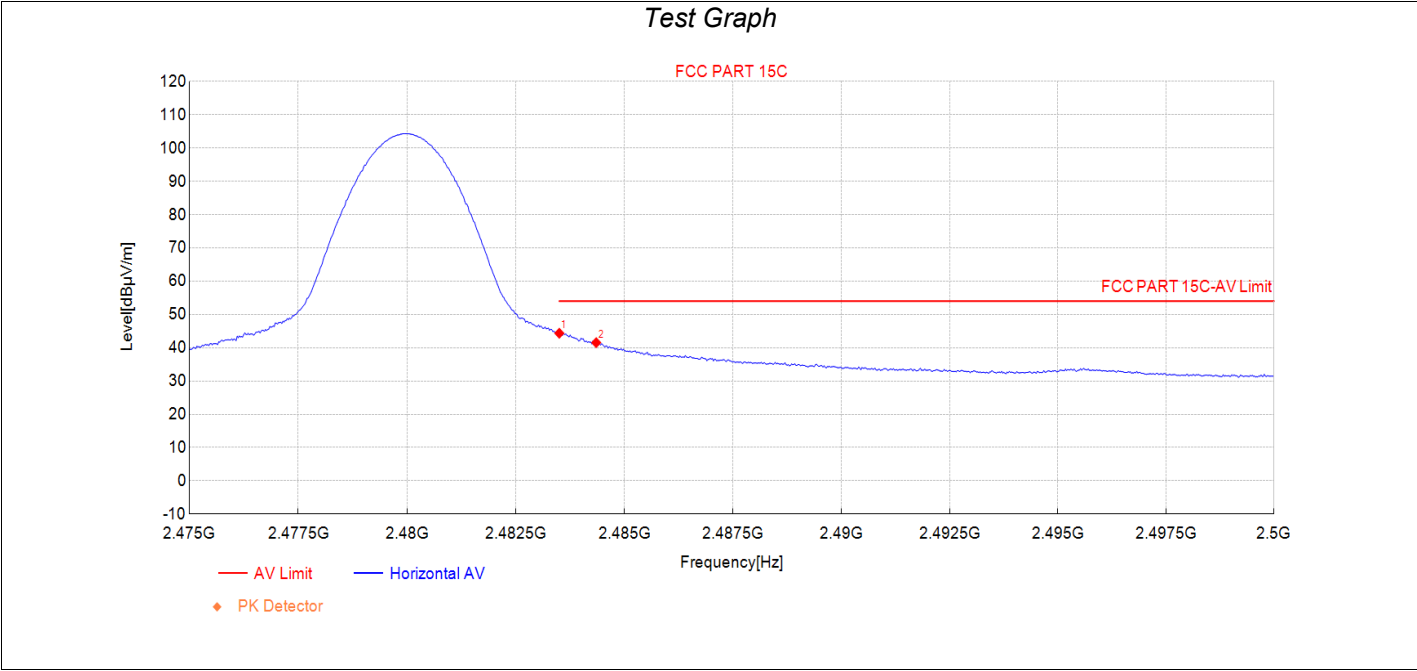
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	71.7	71.95	0.270	74.00	2.05	PK	Horizo	PASS
2	2483.65	70.5	70.81	0.270	74.00	3.19	PK	Horizo	PASS

Transmit at 2480MHz by Coded S=2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	60.9	61.13	0.270	74.00	12.87	PK	Vertic	PASS
2	2484.05	60.2	60.47	0.270	74.00	13.53	PK	Vertic	PASS

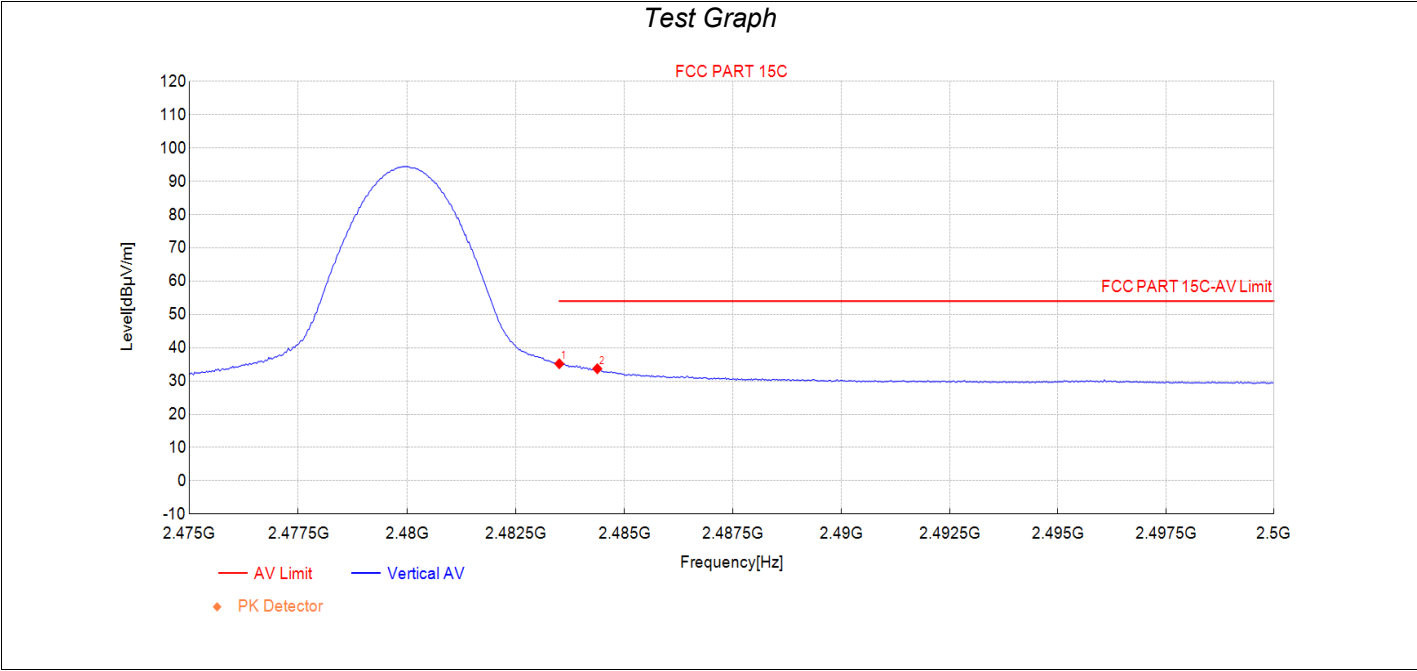
Transmit at 2480MHz by Coded S=2



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	44.36	0.270	54.00	9.64	AV	Horizo	PASS
2	2484.35	41.3	41.53	0.270	54.00	12.47	AV	Horizo	PASS

Transmit at 2480MHz by Coded S=2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.9	35.18	0.270	54.00	18.82	AV	Vertic	PASS
2	2484.38	33.4	33.69	0.270	54.00	20.31	AV	Vertic	PASS

Note:

1. Level=Reading+Factor .

2. Margin=Limit-Level.

Appendix E: Conducted Spurious Emission

Test Graphs for Reference level

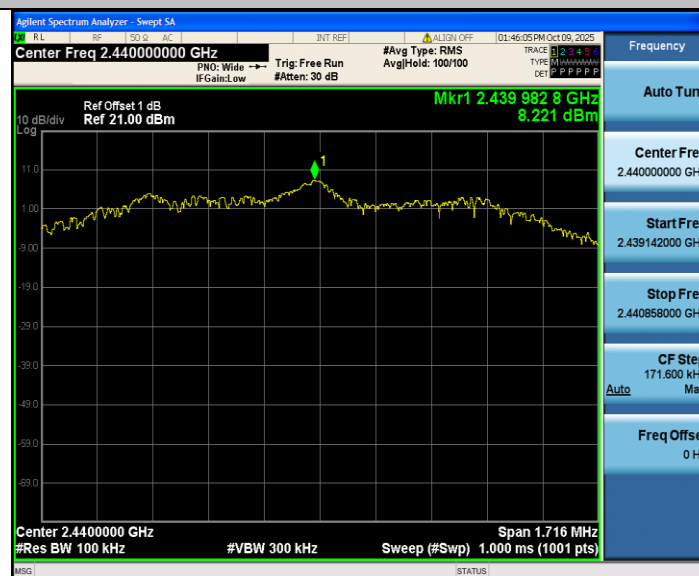




BLE_2M_Ant1_2402



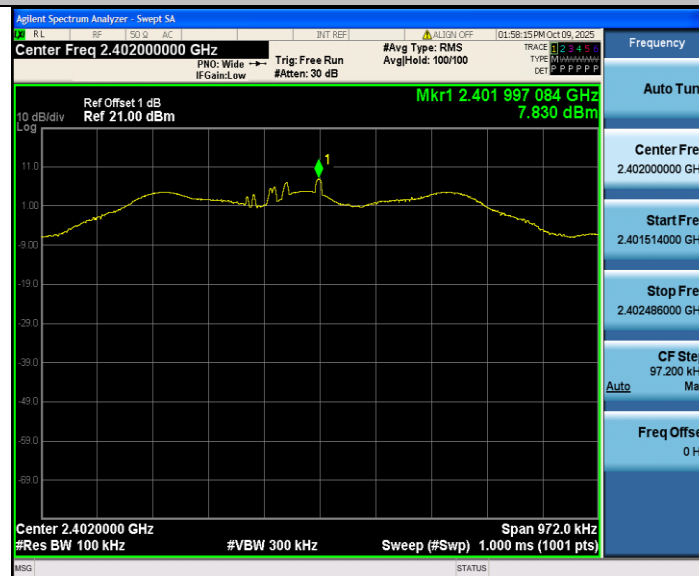
BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



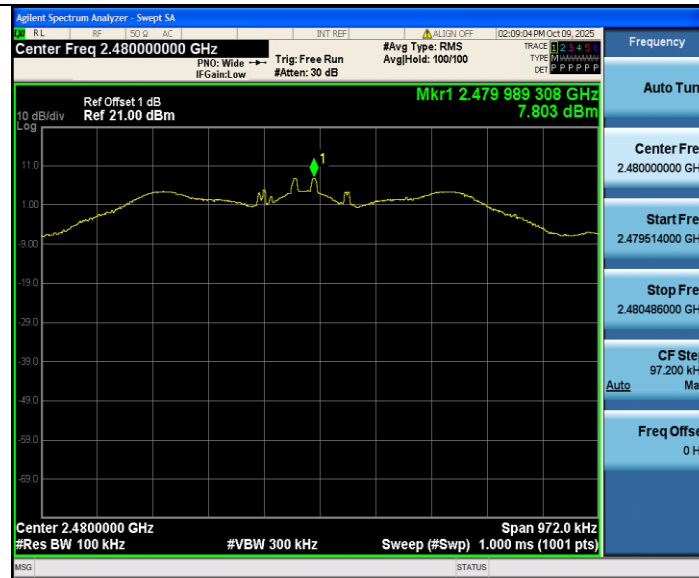
BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440

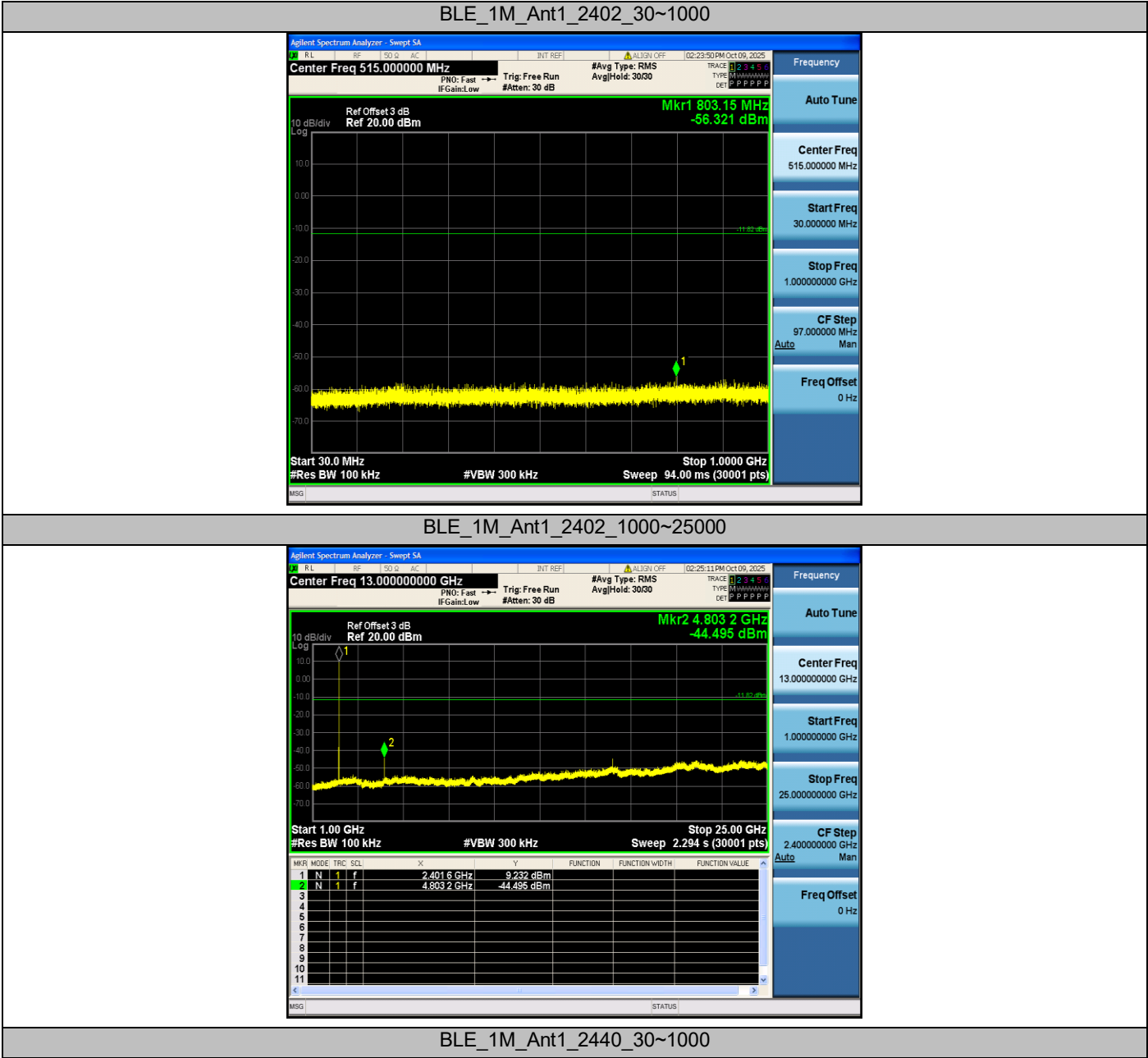


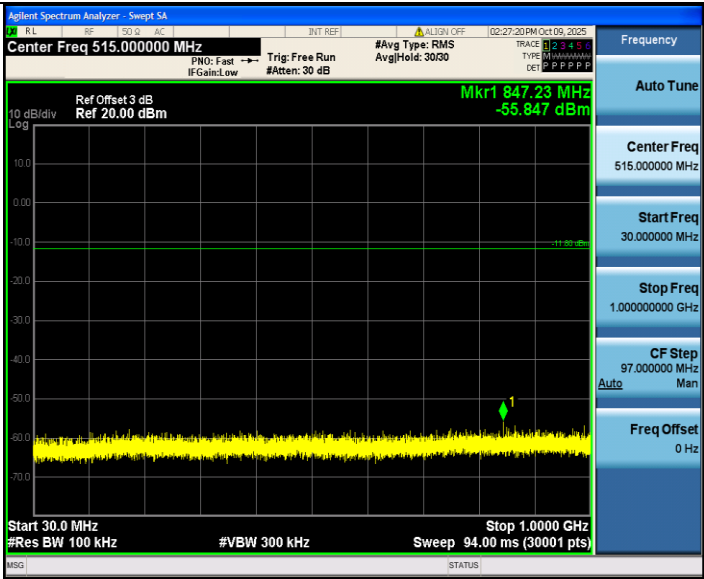
BLE_500K_Ant1_2480



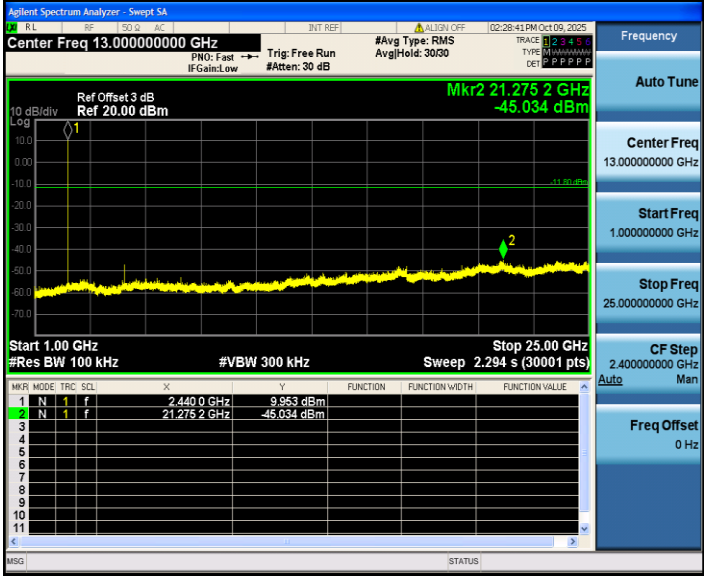
Test Graphs for Spurious Emission

Note: offset=cable loss.

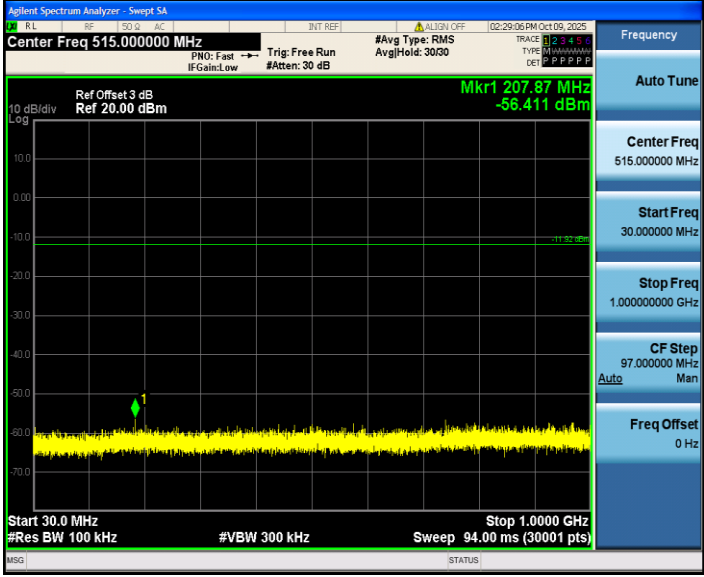




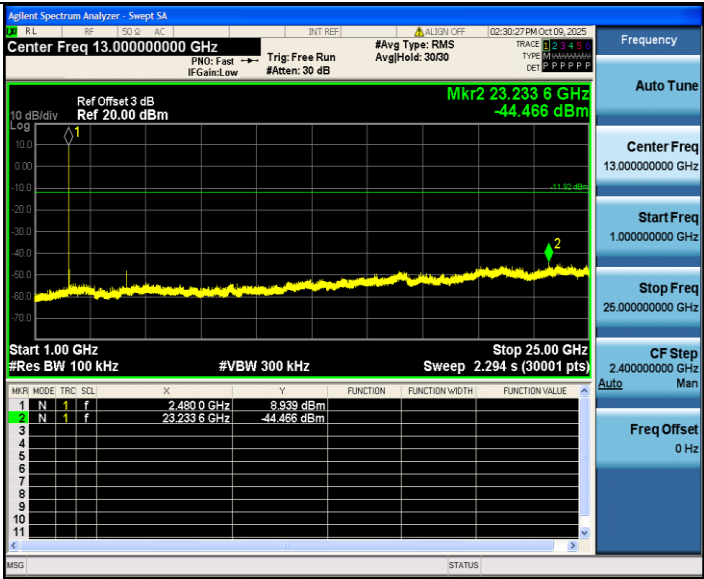
BLE_1M_Ant1_2440_1000~25000



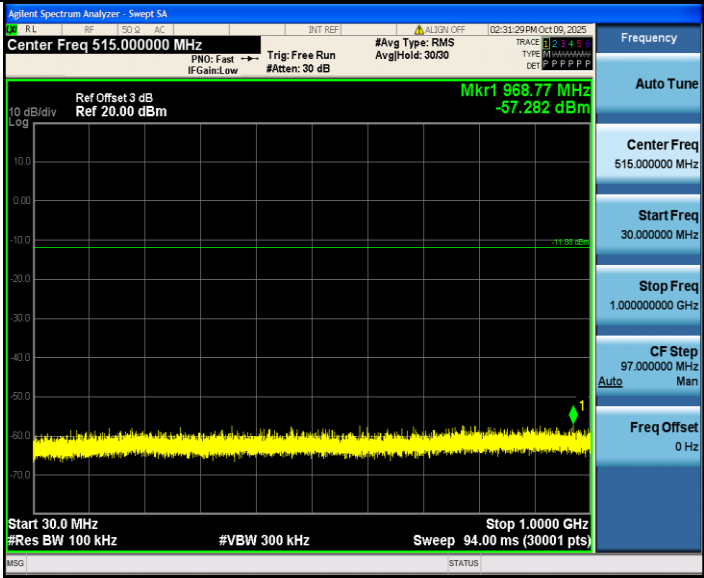
BLE_1M_Ant1_2480_30~1000



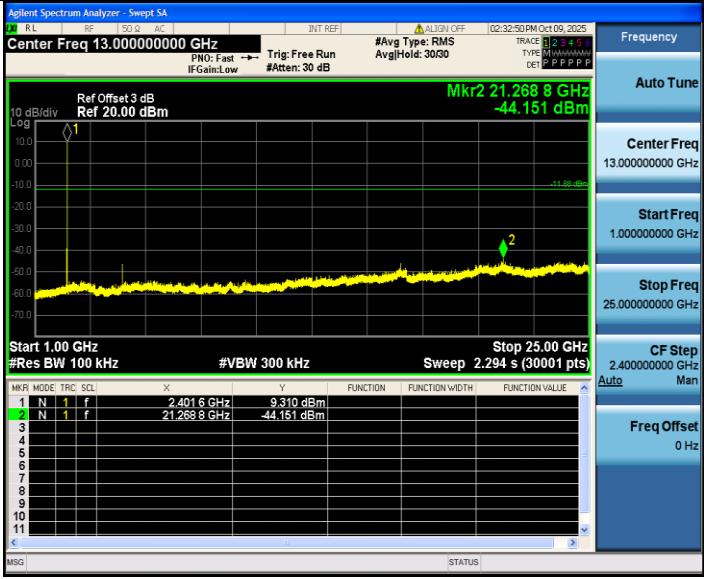
BLE_1M_Ant1_2480_1000~25000



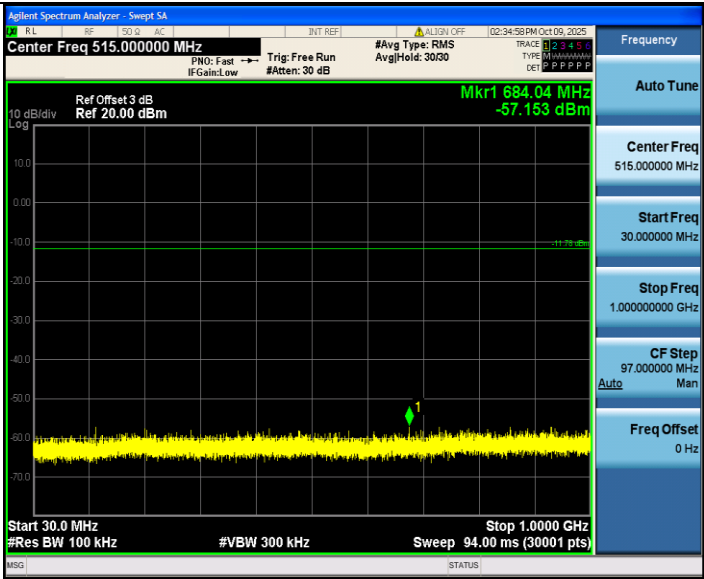
BLE_2M_Ant1_2402_30~1000



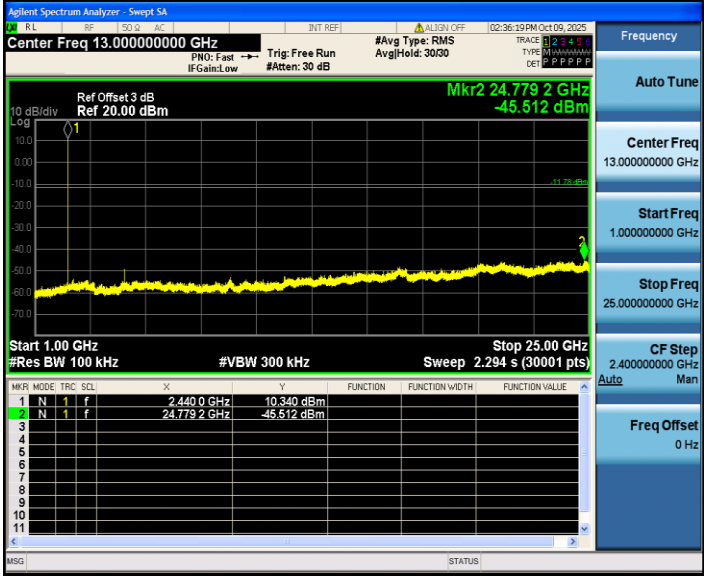
BLE_2M_Ant1_2402_1000~25000



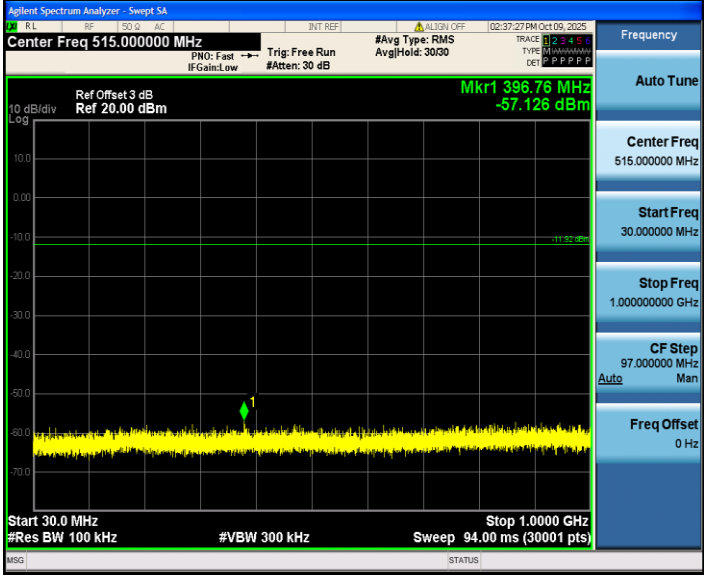
BLE_2M_Ant1_2440_30~1000



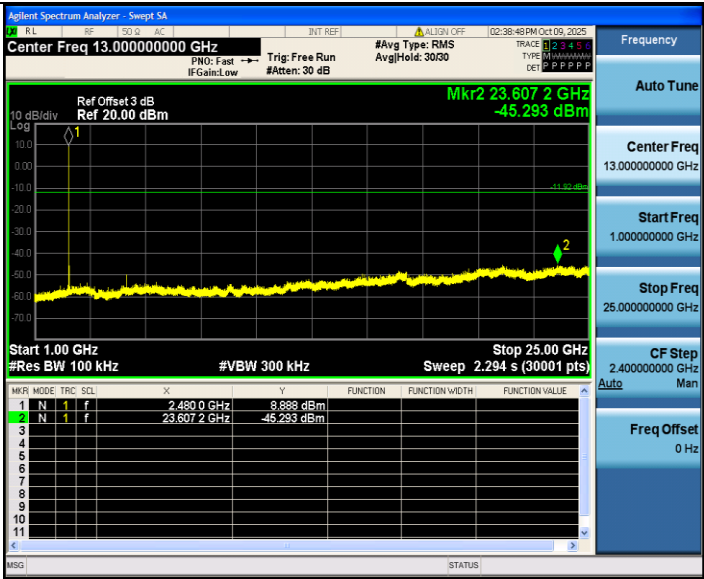
BLE_2M_Ant1_2440_1000~25000



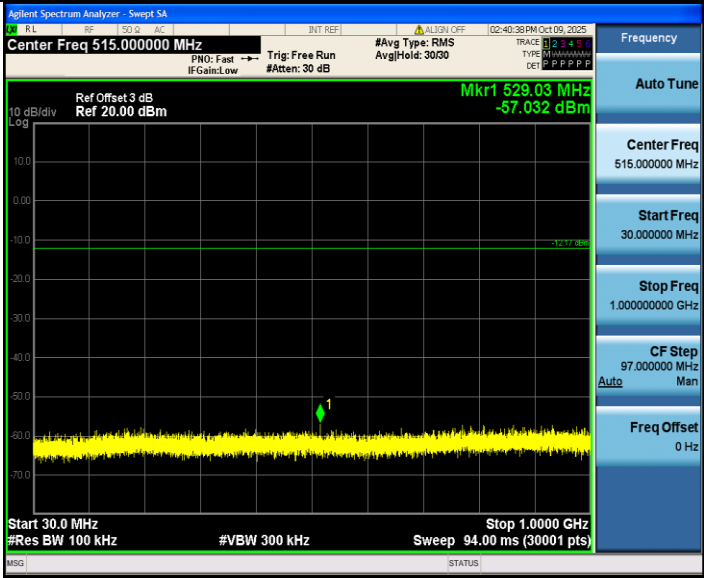
BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~25000



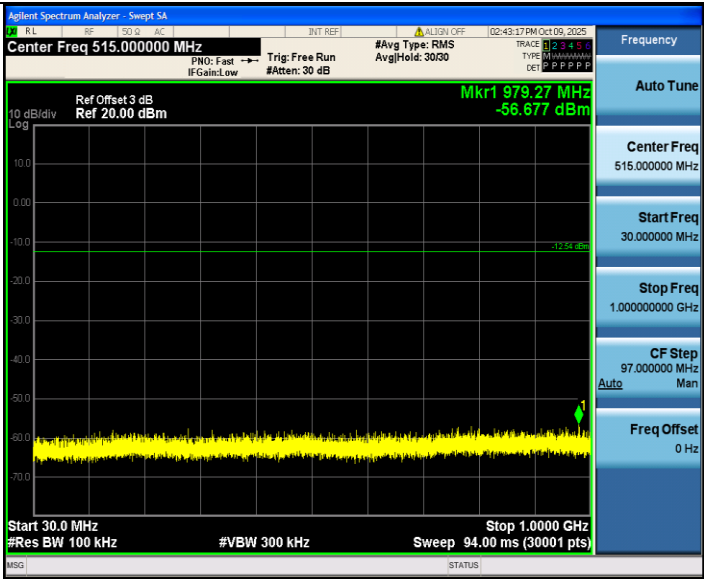
BLE_125K_Ant1_2402_30~1000



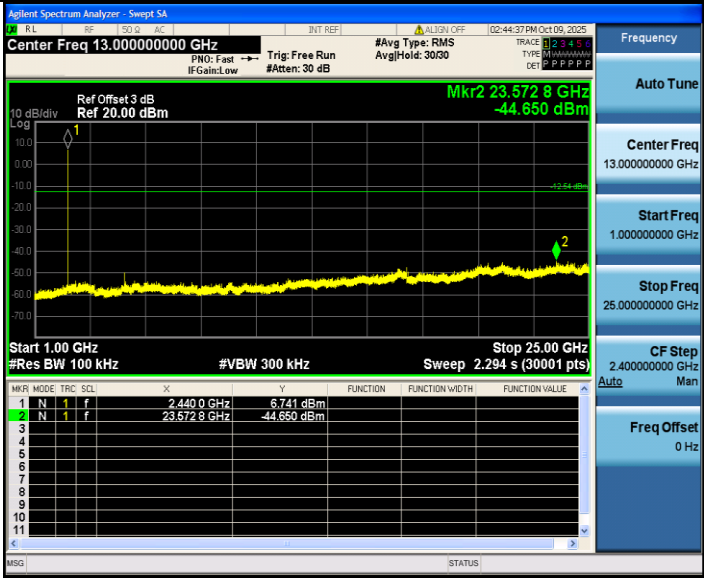
BLE_125K_Ant1_2402_1000~25000



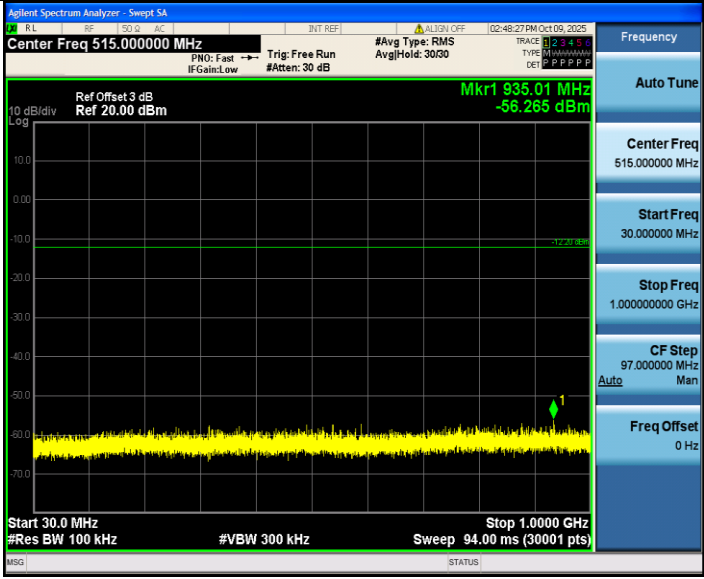
BLE_125K_Ant1_2440_30~1000



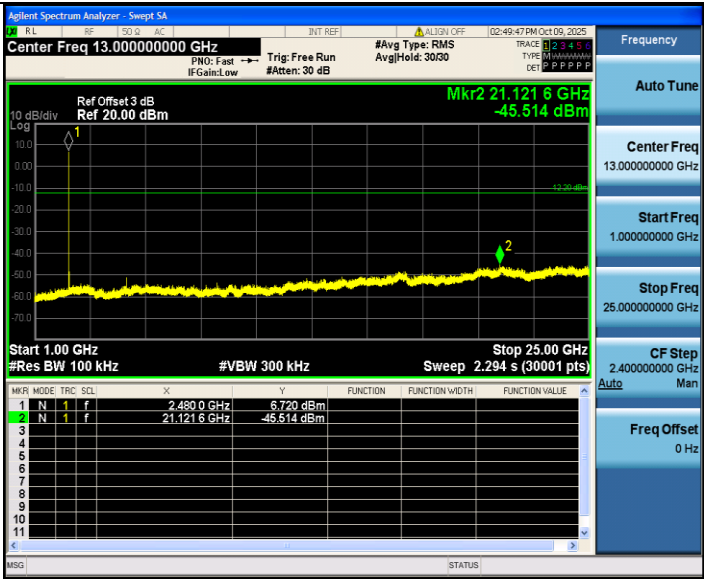
BLE_125K_Ant1_2440_1000~25000



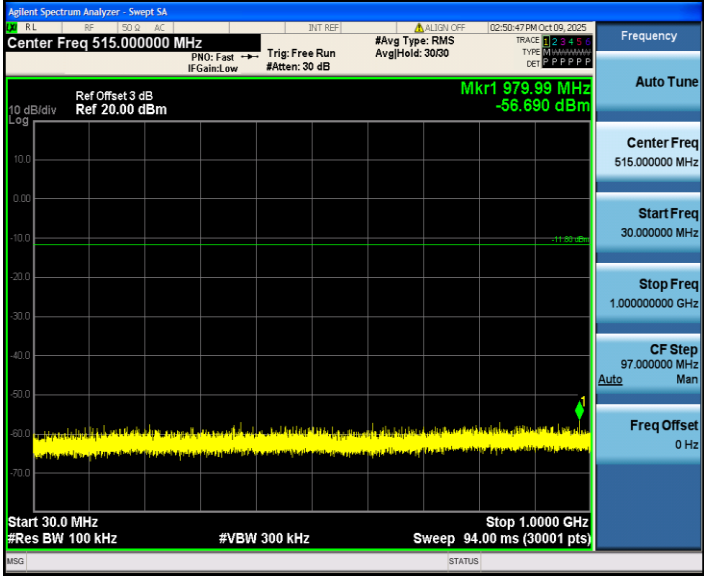
BLE_125K_Ant1_2480_30~1000



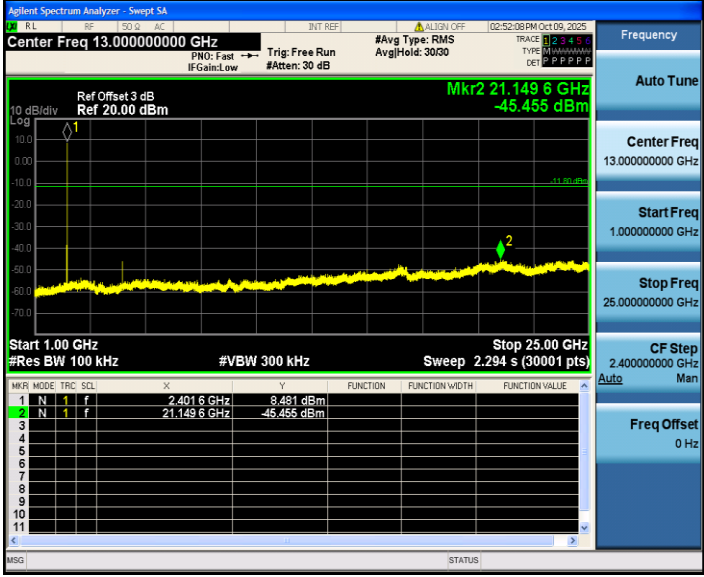
BLE_125K_Ant1_2480_1000~25000



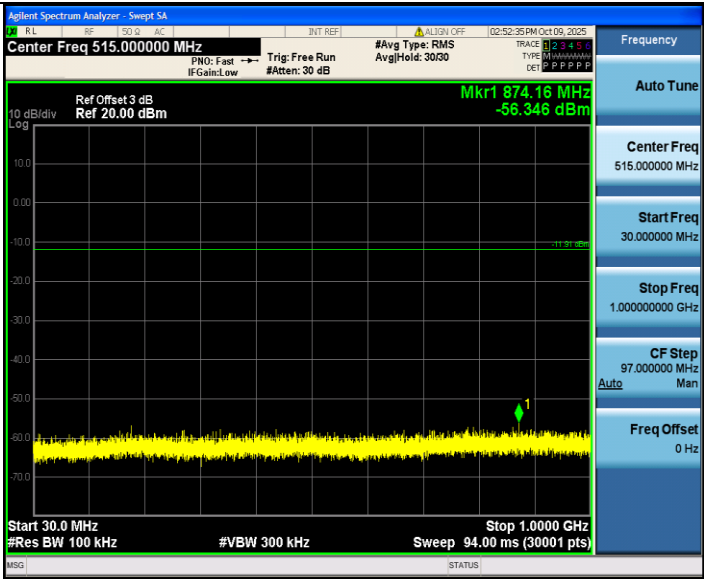
BLE_500K_Ant1_2402_30~1000



BLE_500K_Ant1_2402_1000~25000



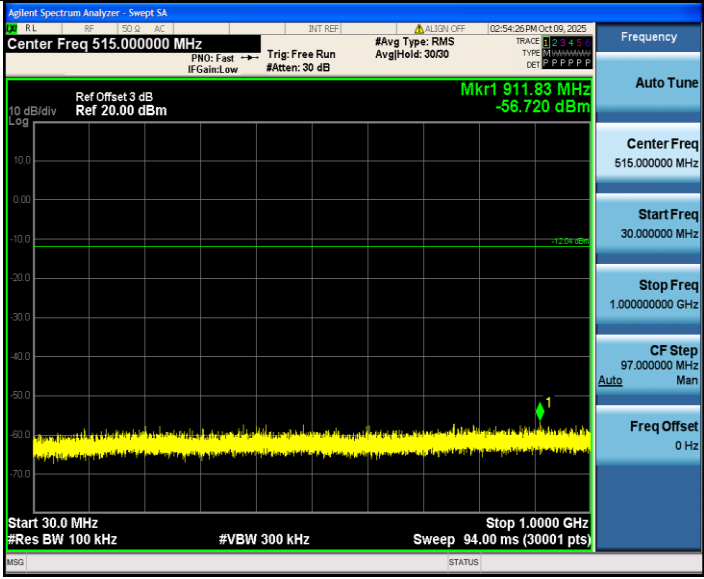
BLE_500K_Ant1_2440_30~1000



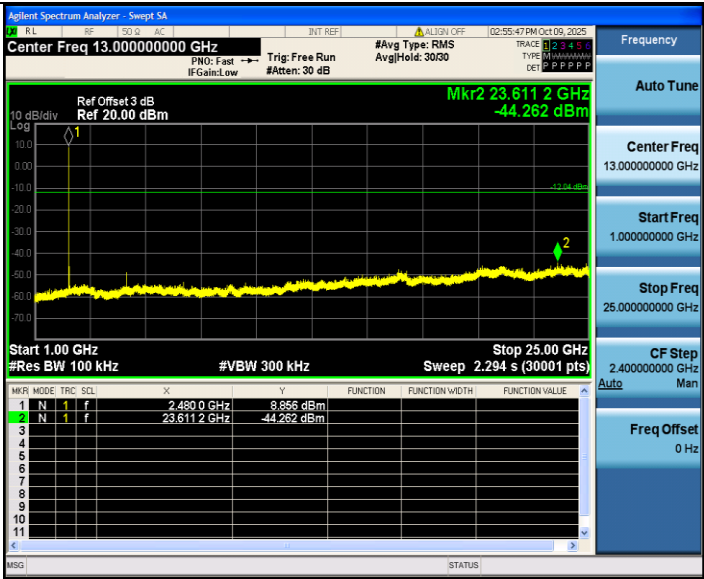
BLE_500K_Ant1_2440_1000~25000



BLE_500K_Ant1_2480_30~1000



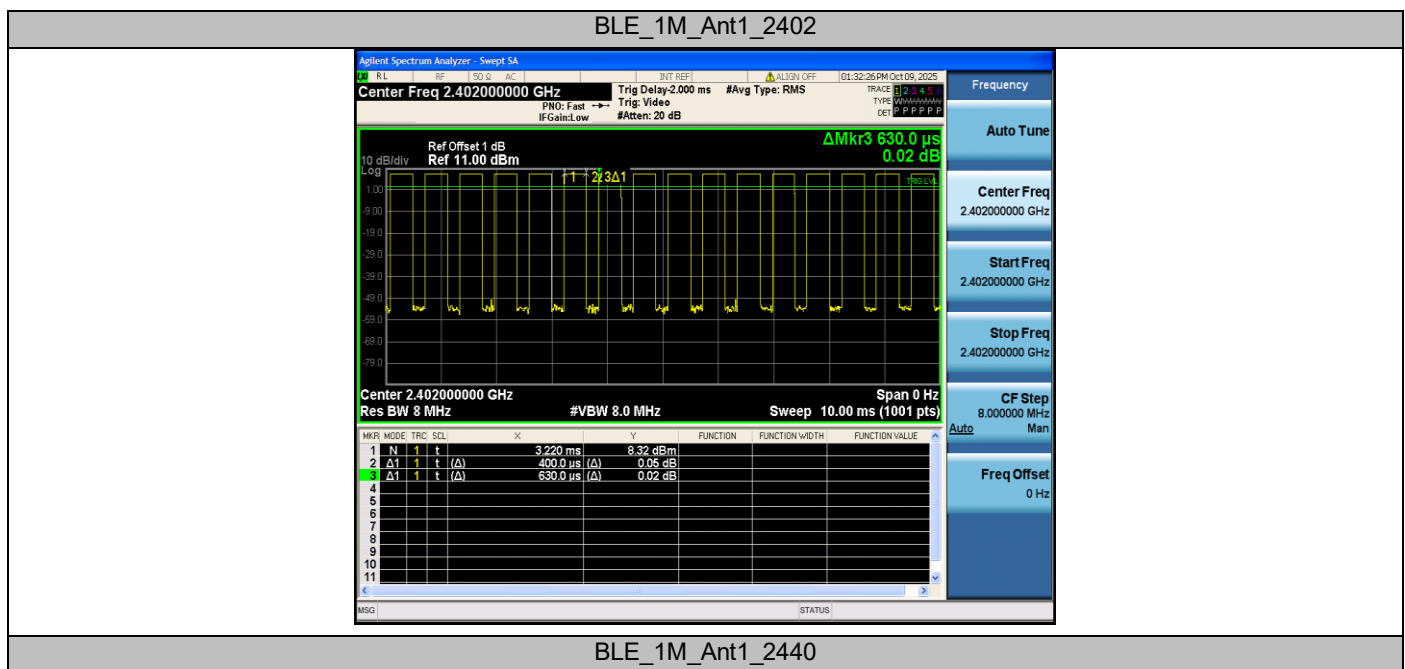
BLE_500K_Ant1_2480_1000~25000

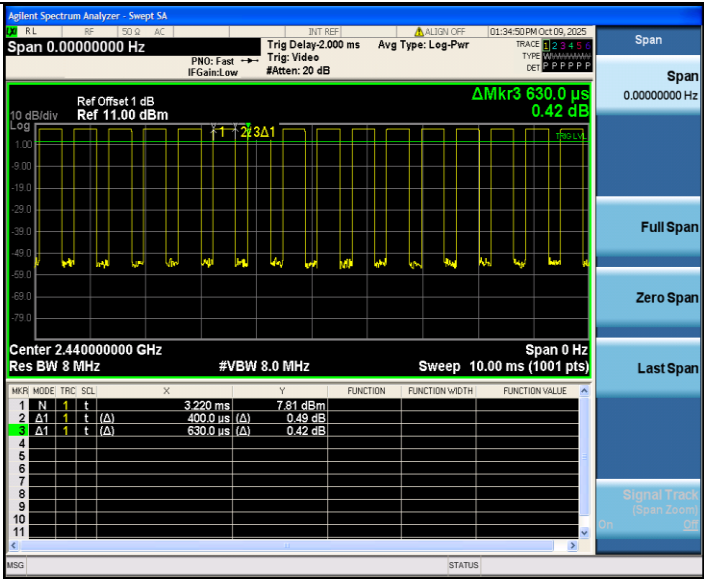


Appendix F: Duty Cycle

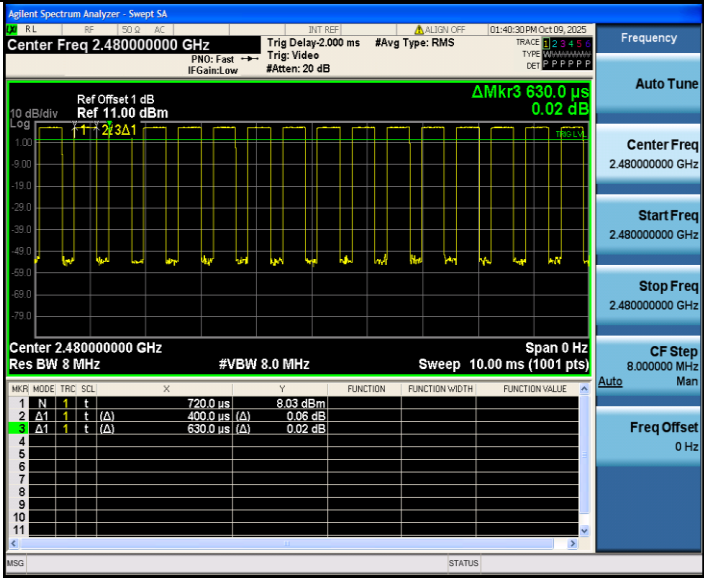
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.63	63.49	1.97
		2440	0.40	0.63	63.49	1.97
		2480	0.40	0.63	63.49	1.97
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
		2440	0.21	0.63	33.33	4.77
		2480	0.21	0.63	33.33	4.77
BLE_125K	Ant1	2402	3.10	3.75	82.67	0.83
		2440	3.10	3.75	82.67	0.83
		2480	3.11	3.76	82.71	0.82
BLE_500K	Ant1	2402	0.00	0.00	100	NaN
		2440	1.07	1.88	56.91	2.45
		2480	1.07	1.88	56.91	2.45

Test Graphs

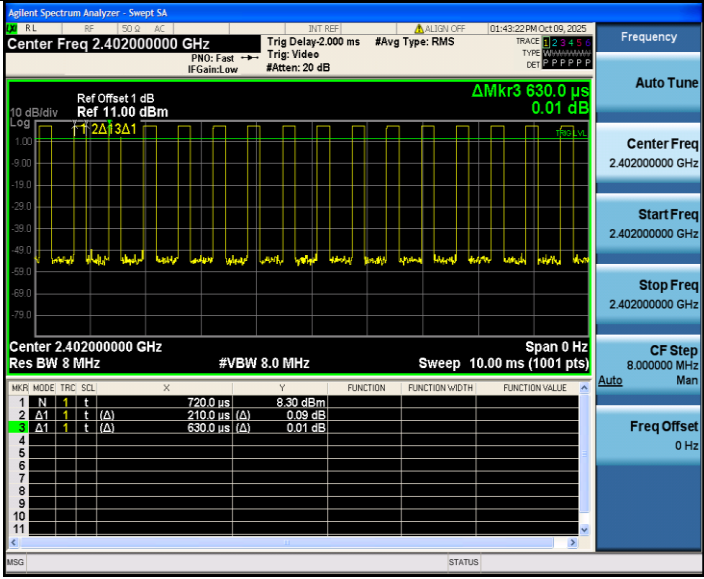




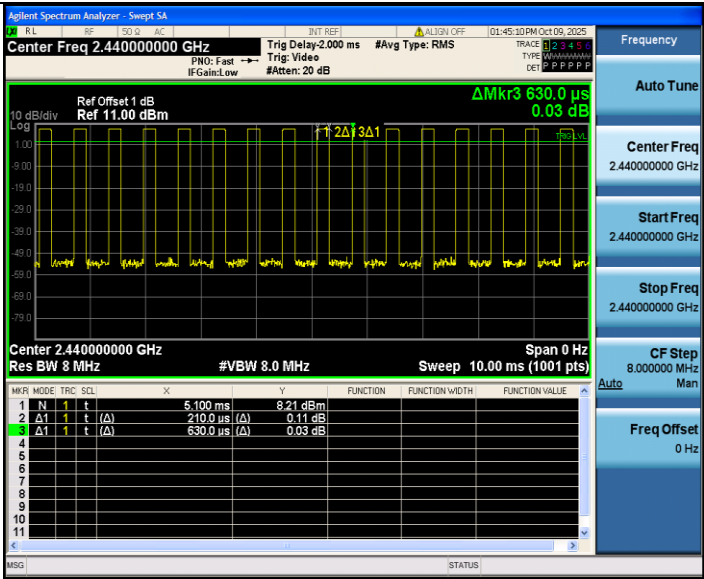
BLE_1M_Ant1_2480



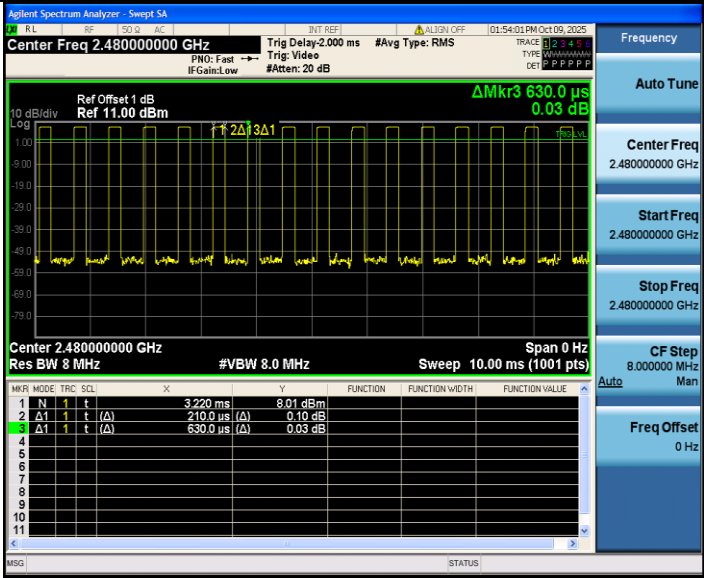
BLE_2M_Ant1_2402



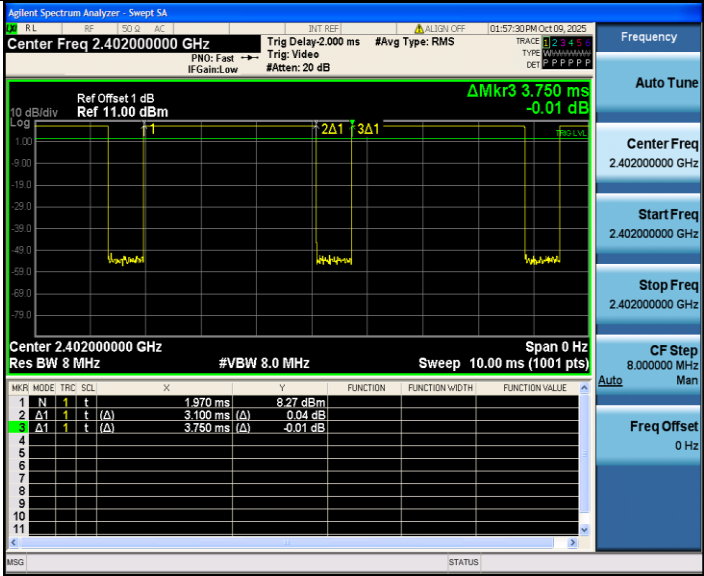
BLE_2M_Ant1_2440



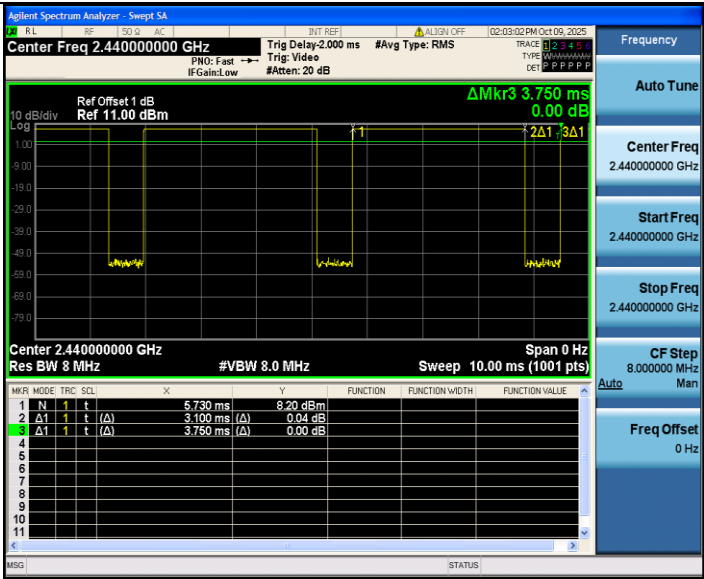
BLE_2M_Ant1_2480



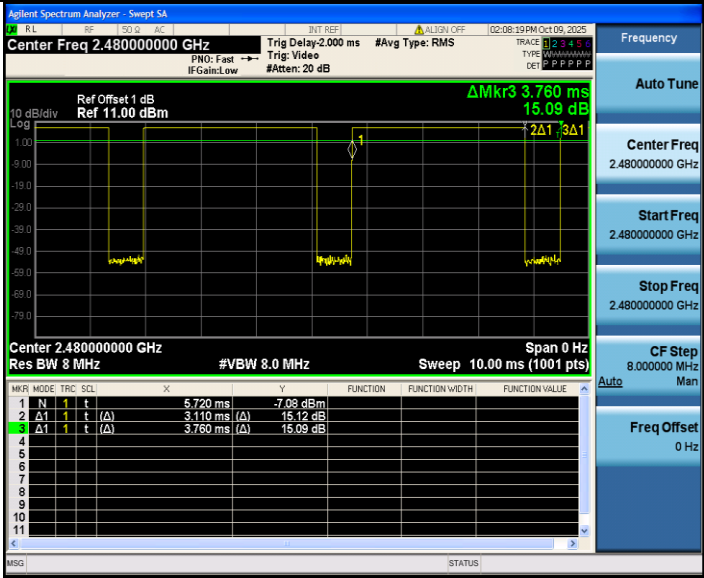
BLE_125K_Ant1_2402



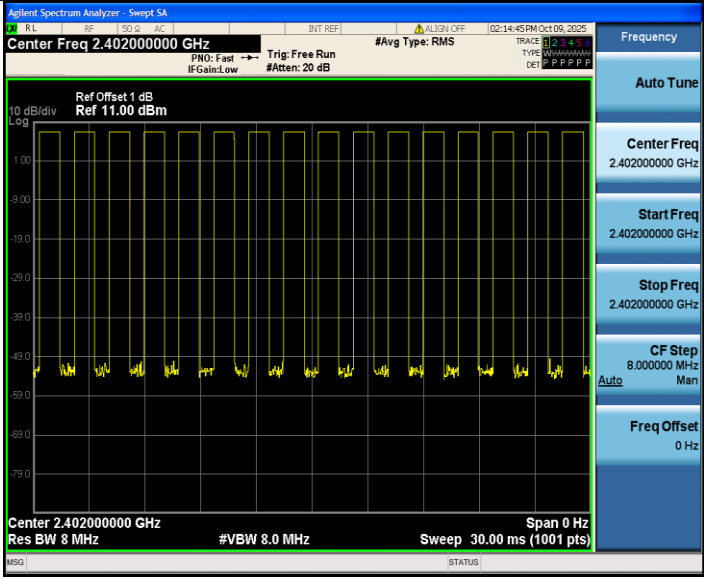
BLE_125K_Ant1_2440



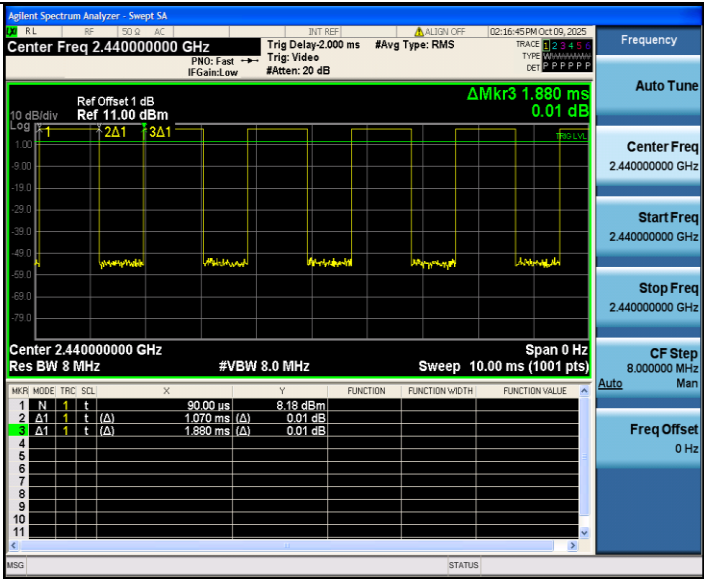
BLE_125K_Ant1_2480



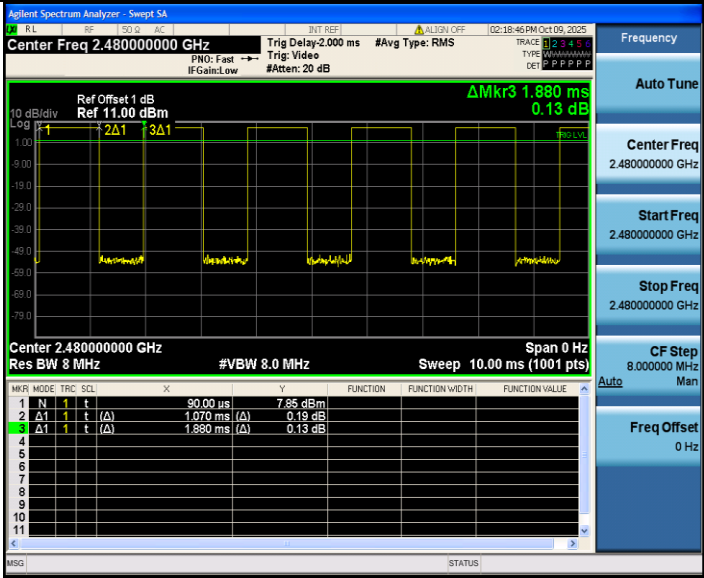
BLE_500K_Ant1_2402



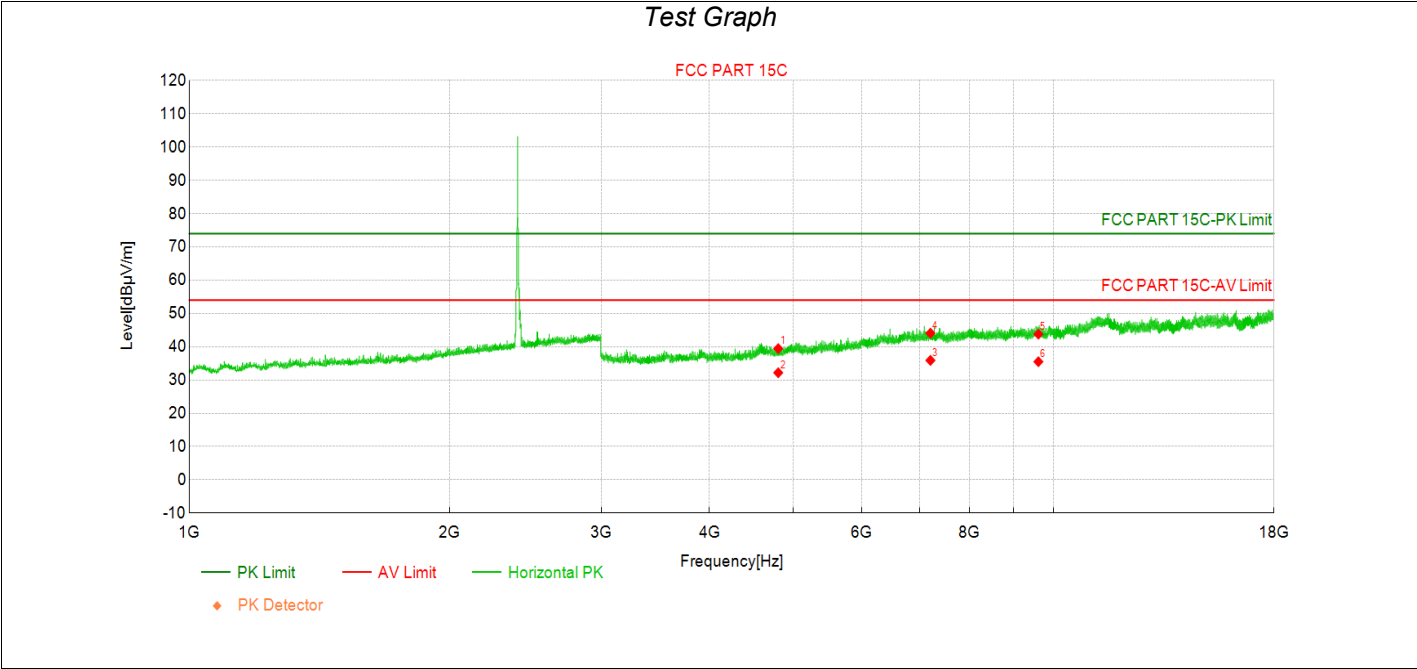
BLE_500K_Ant1_2440



BLE_500K_Ant1_2480

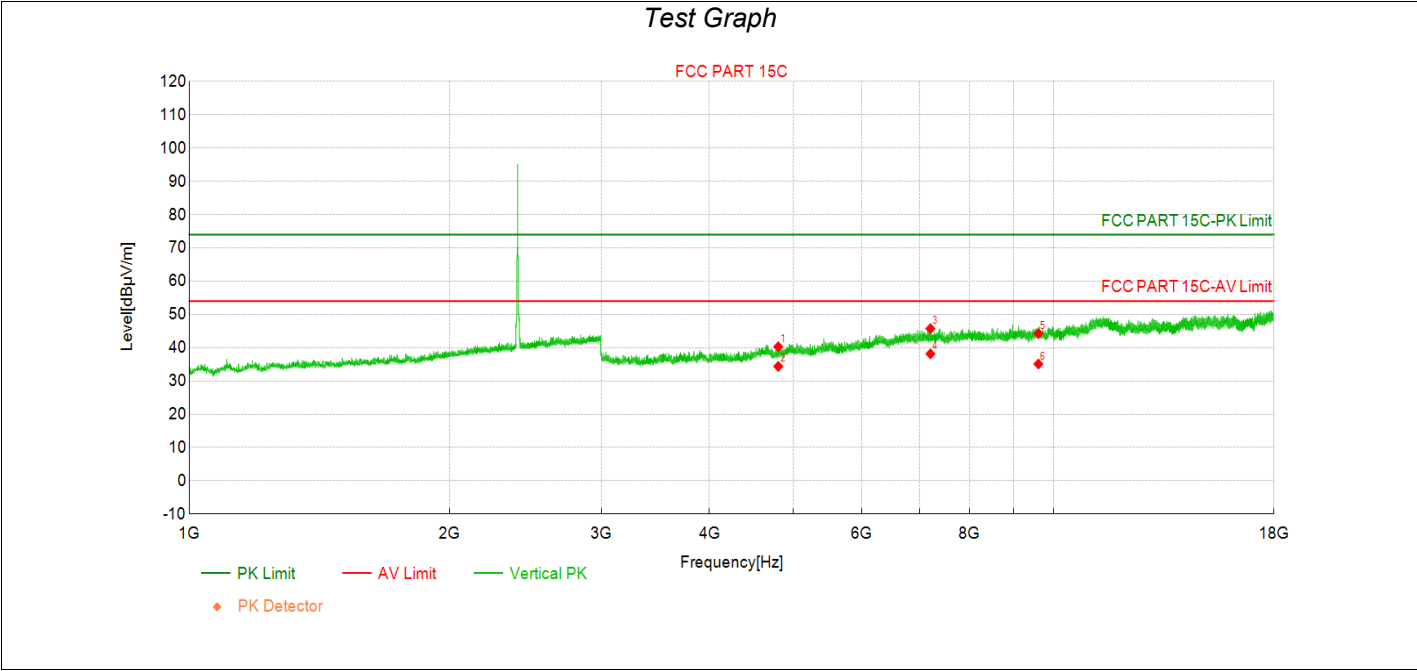


Appendix G: Emissions in Restricted Bands
Transmit at 2402MHz by LE_1Mbps



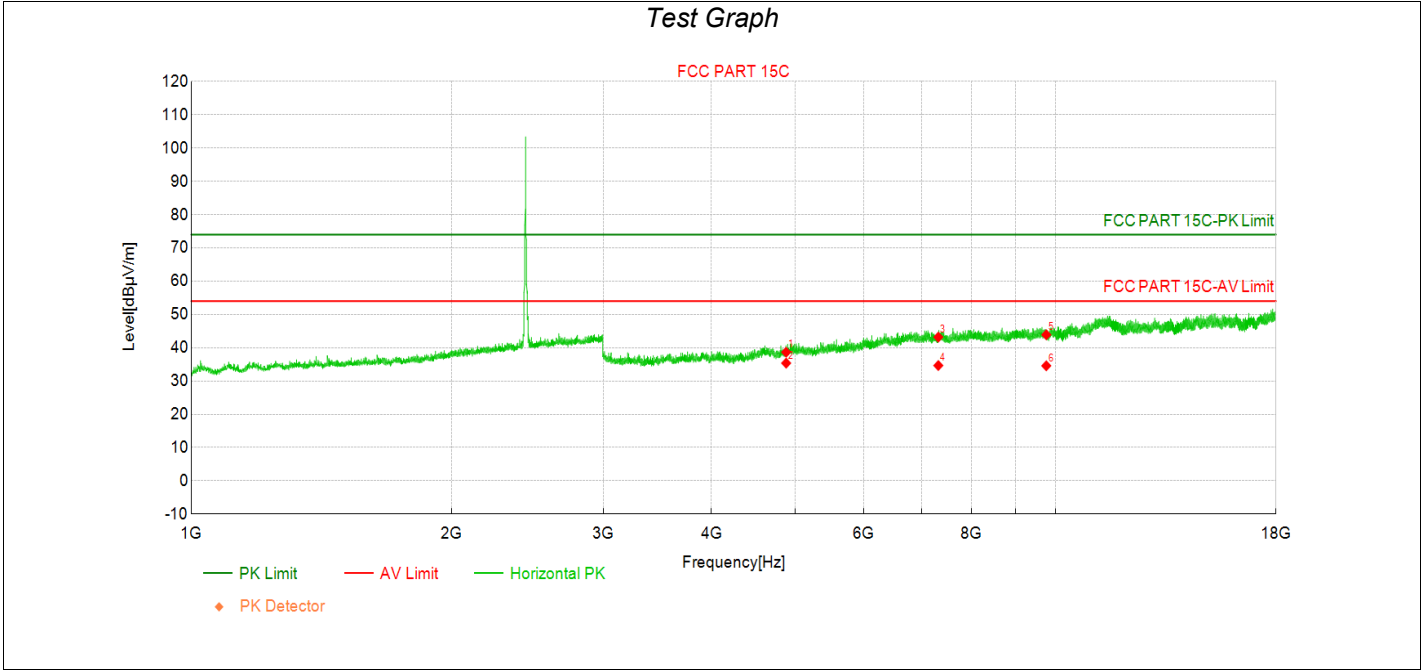
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	47.9	39.43	-8.480	74.00	34.57	PK	Horizo	PASS
2	4804.00	40.7	32.18	-8.480	54.00	21.82	AV	Horizo	PASS
3	7206.00	37.5	35.90	-1.620	54.00	18.10	AV	Horizo	PASS
4	7206.00	45.7	44.07	-1.620	74.00	29.93	PK	Horizo	PASS
5	9608.00	42.4	43.77	1.380	74.00	30.23	PK	Horizo	PASS
6	9608.00	34.1	35.49	1.380	54.00	18.51	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps



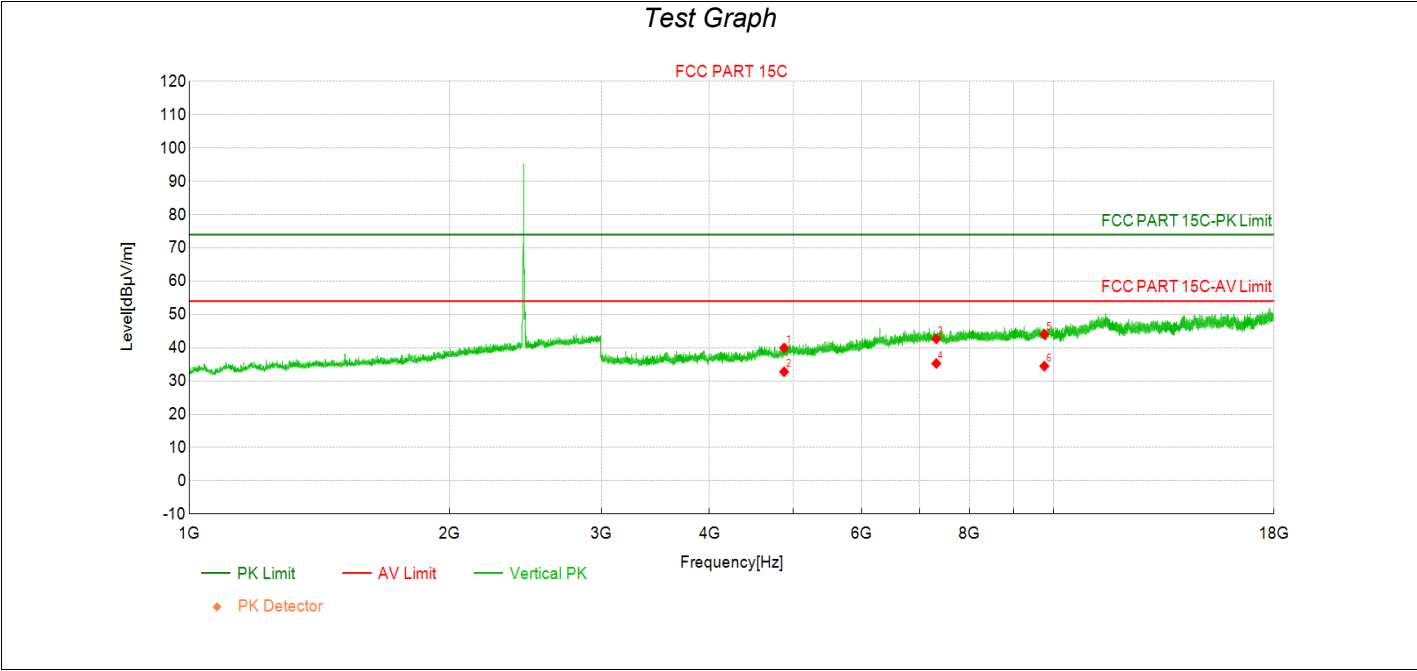
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	48.8	40.29	-8.480	74.00	33.71	PK	Vertic	PASS
2	4804.00	42.9	34.38	-8.480	54.00	19.62	AV	Vertic	PASS
3	7206.00	47.3	45.72	-1.620	74.00	28.28	PK	Vertic	PASS
4	7206.00	39.8	38.16	-1.620	54.00	15.84	AV	Vertic	PASS
5	9608.00	42.9	44.23	1.380	74.00	29.77	PK	Vertic	PASS
6	9608.00	33.7	35.10	1.380	54.00	18.90	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	46.8	38.65	-8.160	74.00	35.35	PK	Horizo	PASS
2	4880.00	43.5	35.36	-8.160	54.00	18.64	AV	Horizo	PASS
3	7320.00	44.6	43.19	-1.450	74.00	30.81	PK	Horizo	PASS
4	7320.00	36.1	34.65	-1.450	54.00	19.35	AV	Horizo	PASS
5	9760.00	42.4	43.89	1.450	74.00	30.11	PK	Horizo	PASS
6	9760.00	33.1	34.56	1.450	54.00	19.44	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	48.1	39.93	-8.160	74.00	34.07	PK	Vertic	PASS
2	4880.00	40.9	32.77	-8.160	54.00	21.23	AV	Vertic	PASS
3	7320.00	44.1	42.64	-1.450	74.00	31.36	PK	Vertic	PASS
4	7320.00	36.7	35.26	-1.450	54.00	18.74	AV	Vertic	PASS
5	9760.00	42.6	44.02	1.450	74.00	29.98	PK	Vertic	PASS
6	9760.00	33.0	34.46	1.450	54.00	19.54	AV	Vertic	PASS