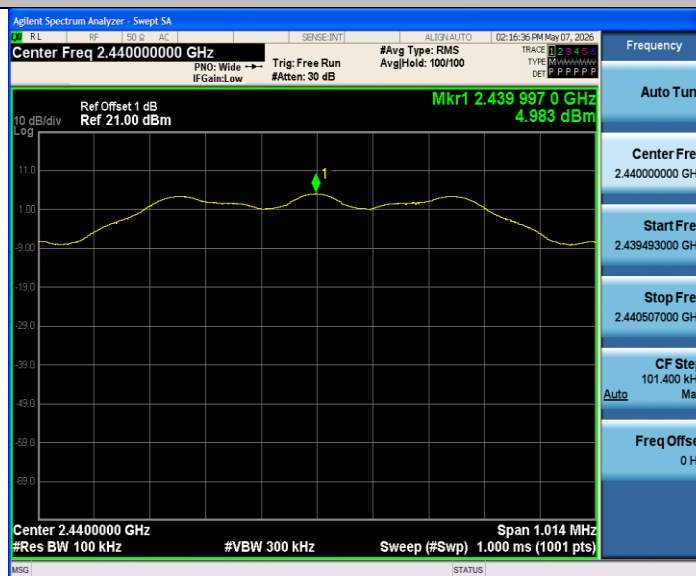




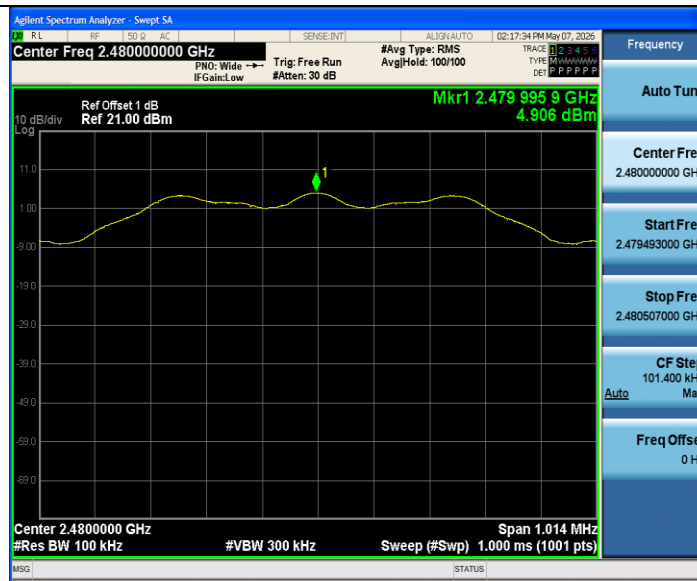
BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



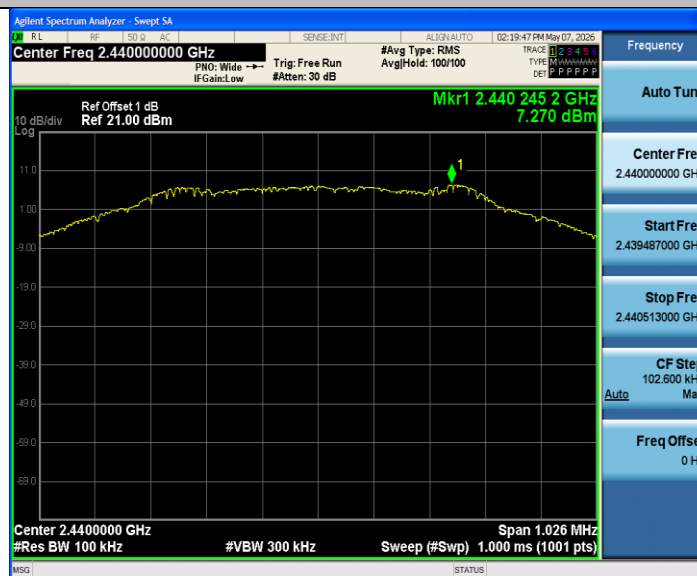
BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440

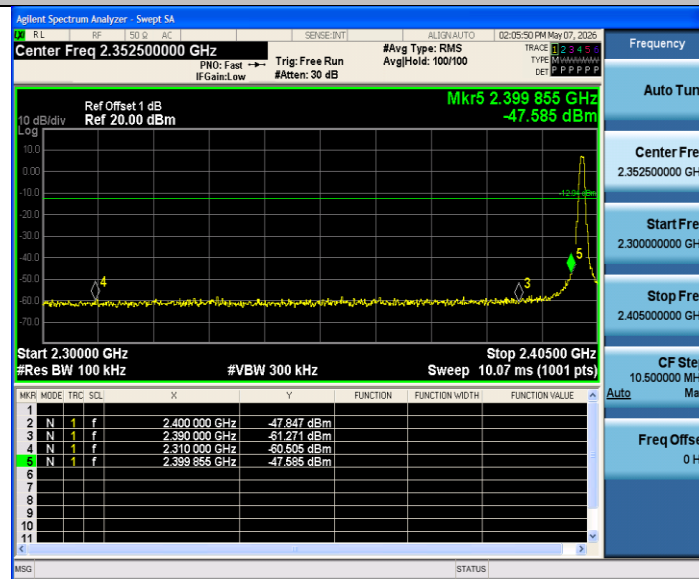


BLE_500K_Ant1_2480

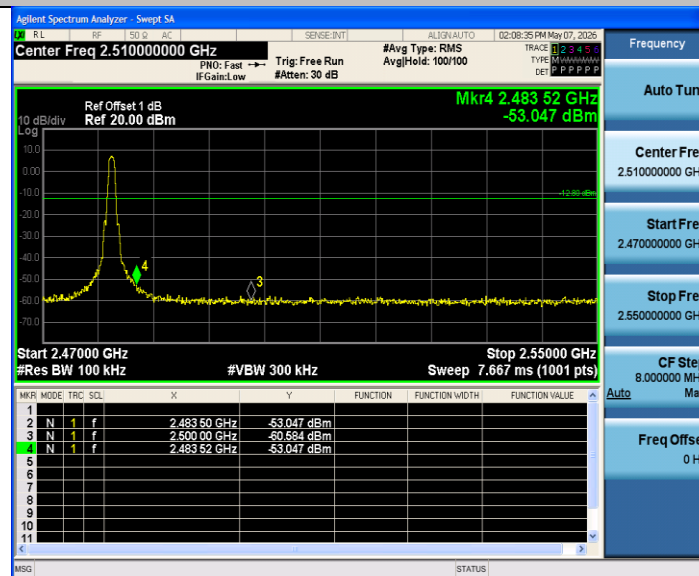


Band edge measurements :

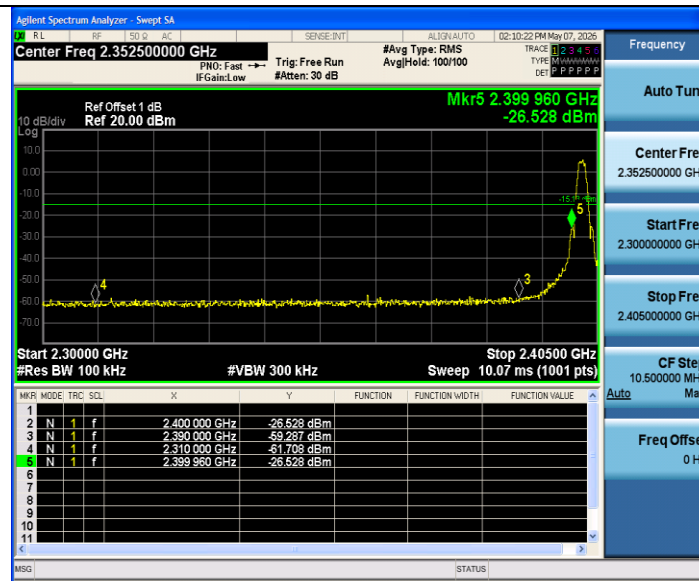
BLE_1M_Ant1_Low_2402



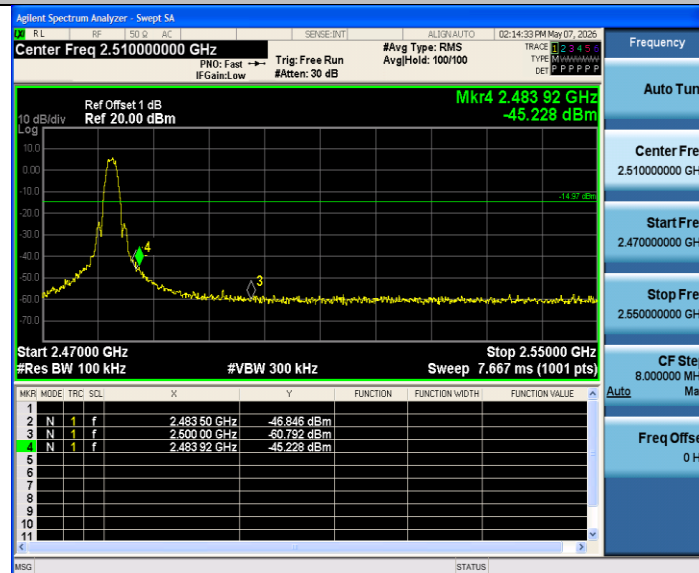
BLE_1M_Ant1_High_2480



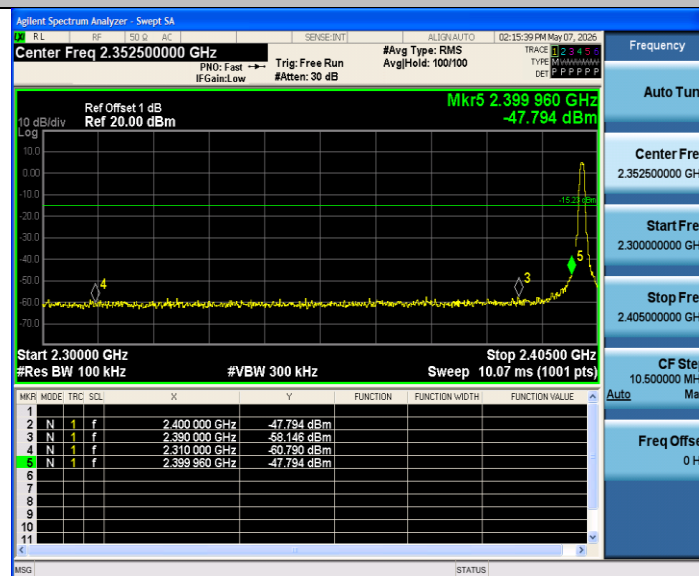
BLE_2M_Ant1_Low_2402



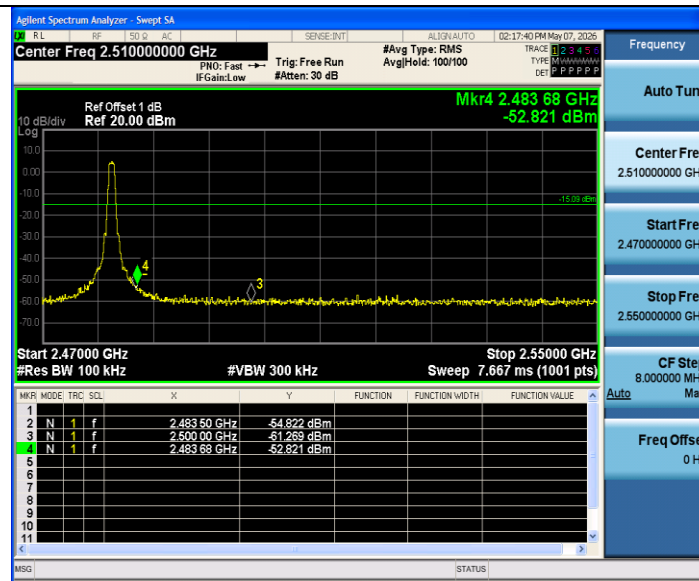
BLE_2M_Ant1_High_2480



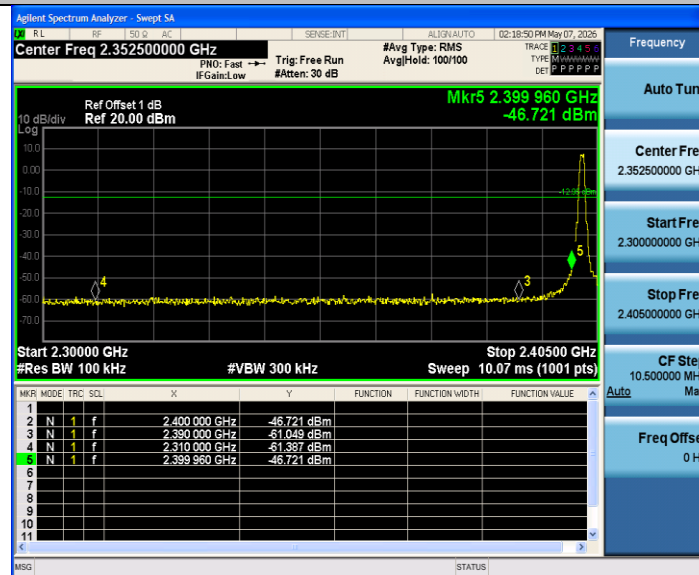
BLE_125K_Ant1_Low_2402



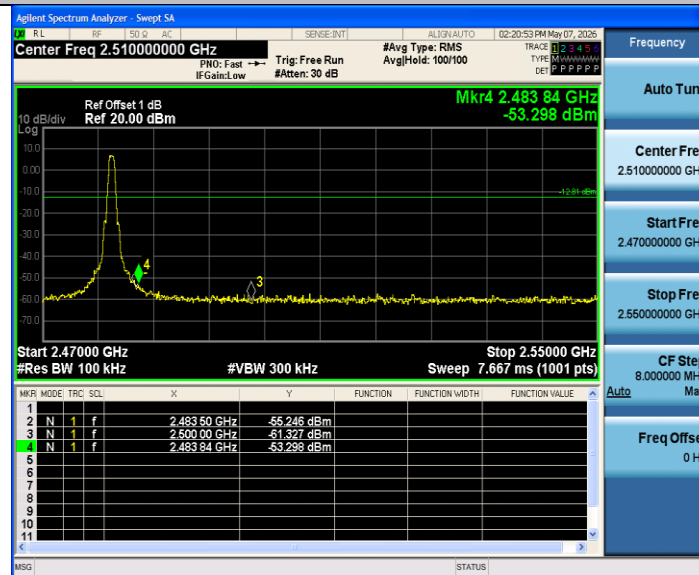
BLE_125K_Ant1_High_2480



BLE_500K_Ant1_Low_2402

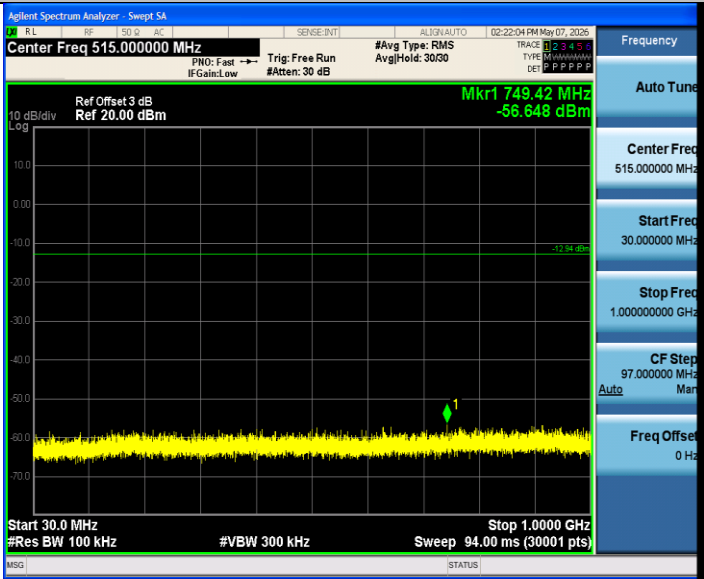


BLE_500K_Ant1_High_2480

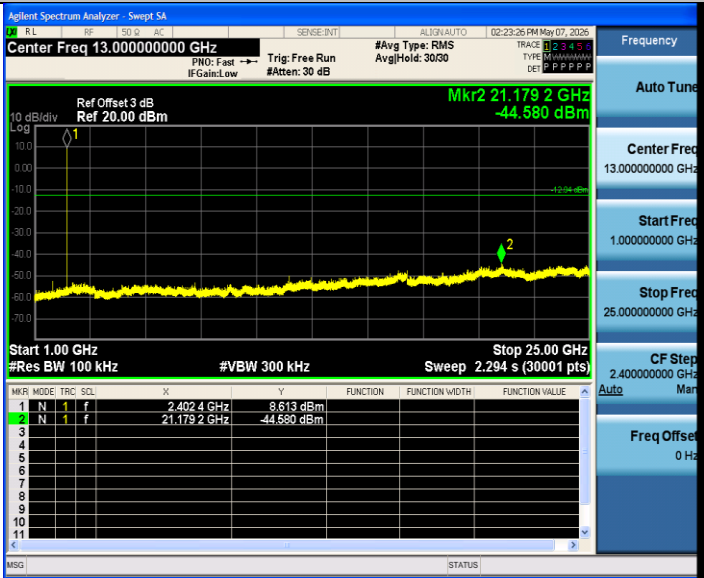


Conducted Spurious Emission :

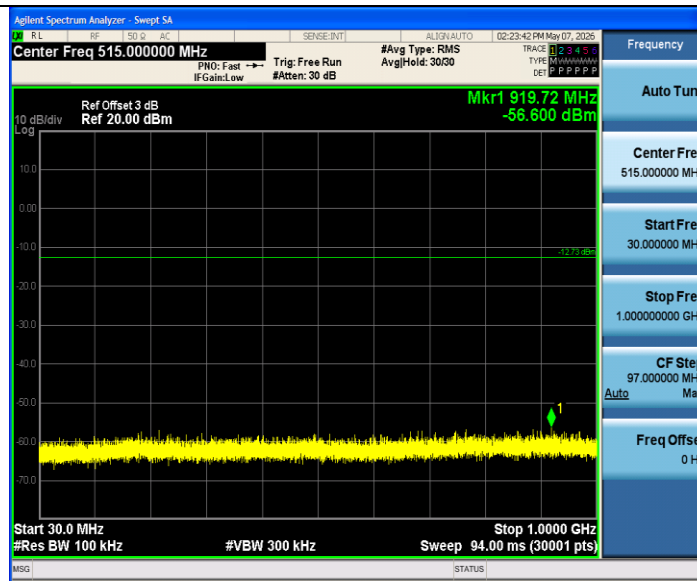
BLE_1M_Ant1_2402_30~1000



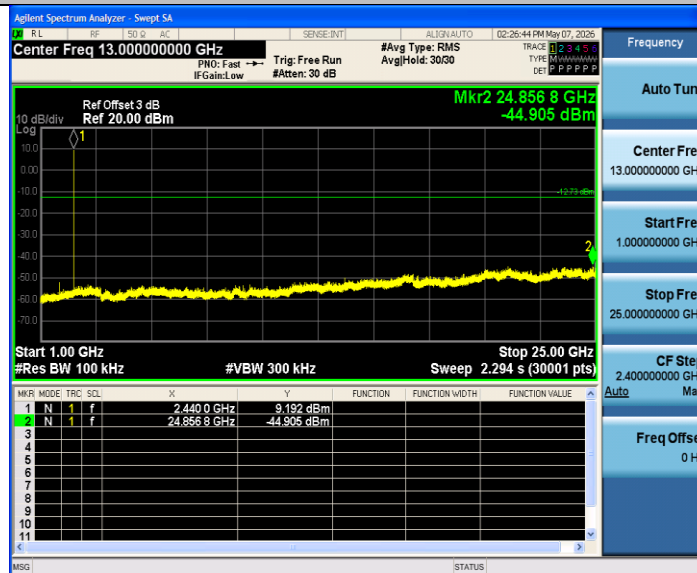
BLE_1M_Ant1_2402_1000~25000



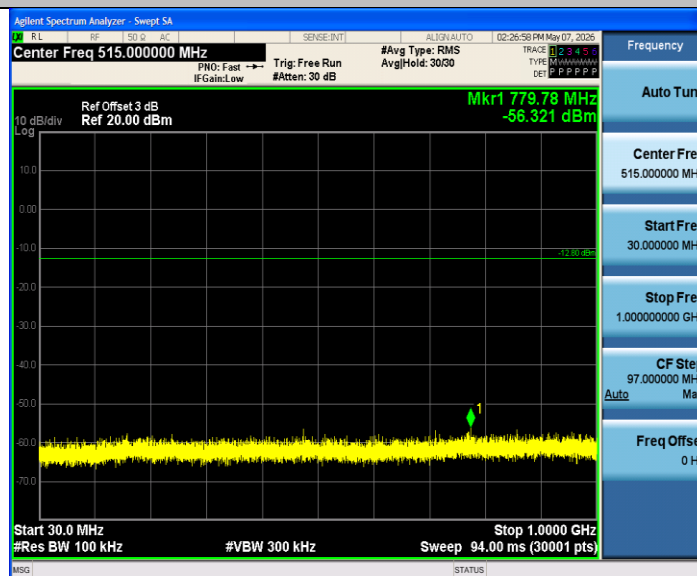
BLE_1M_Ant1_2440_30~1000



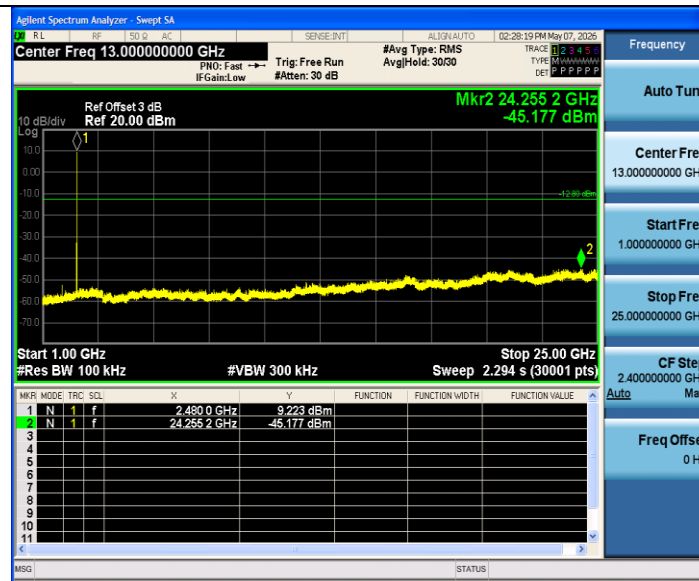
BLE_1M_Ant1_2440_1000~25000



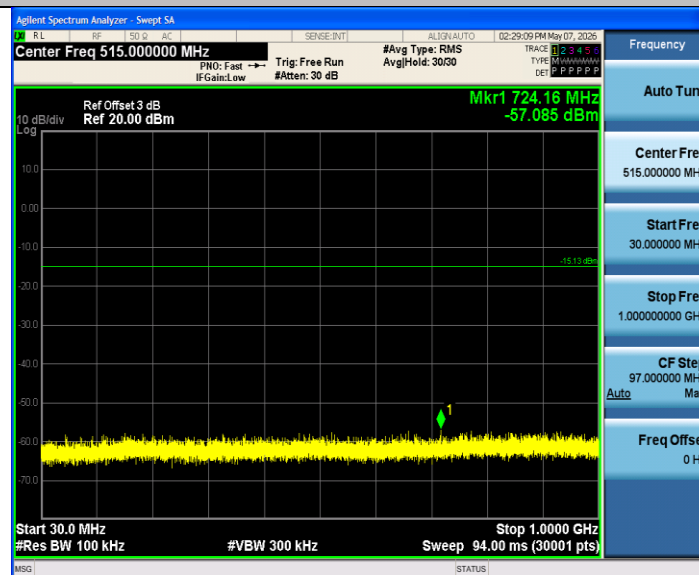
BLE_1M_Ant1_2480_30~1000



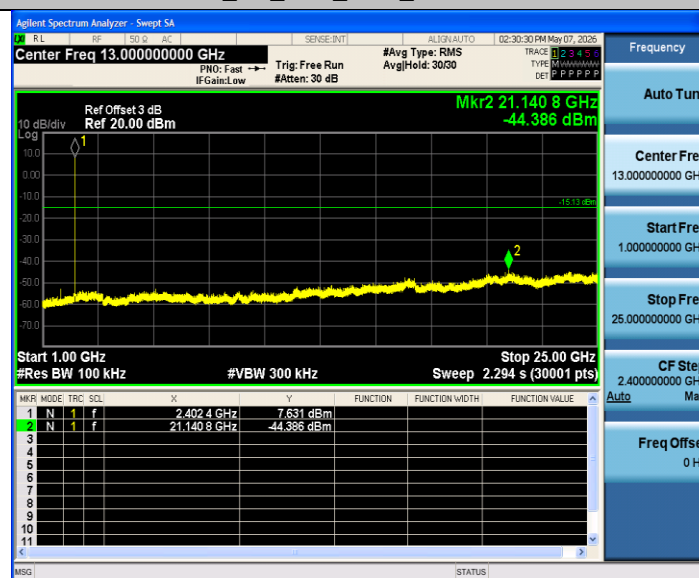
BLE_1M_Ant1_2480_1000~25000



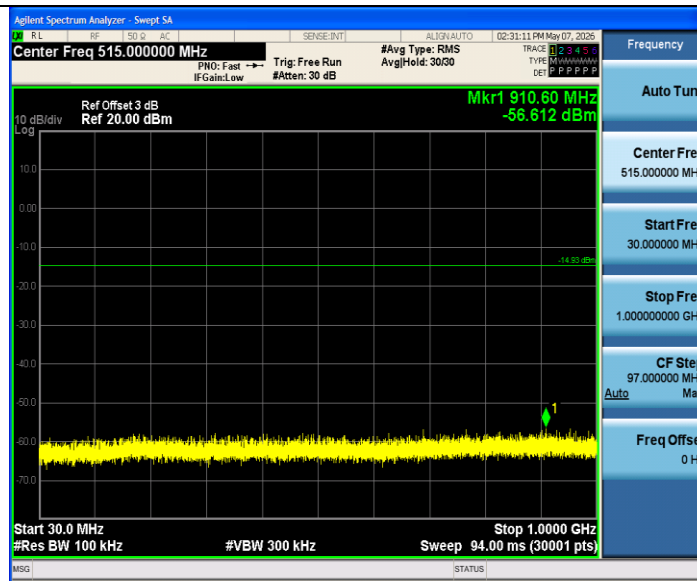
BLE_2M_Ant1_2402_30~1000



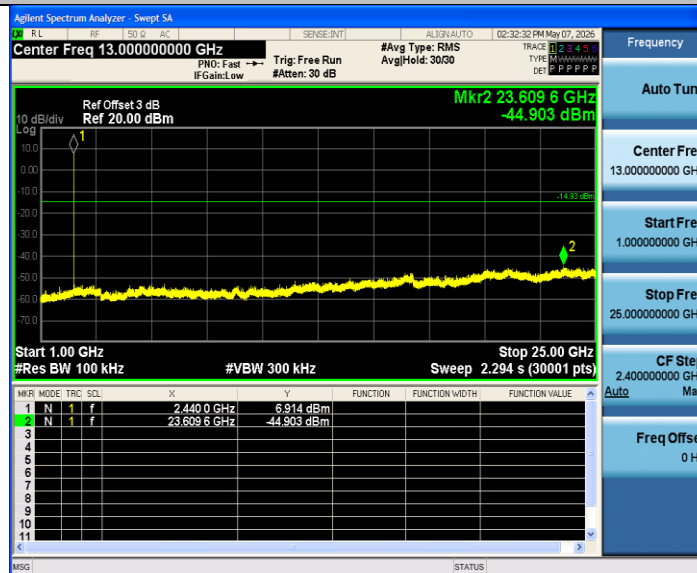
BLE_2M_Ant1_2402_1000~25000



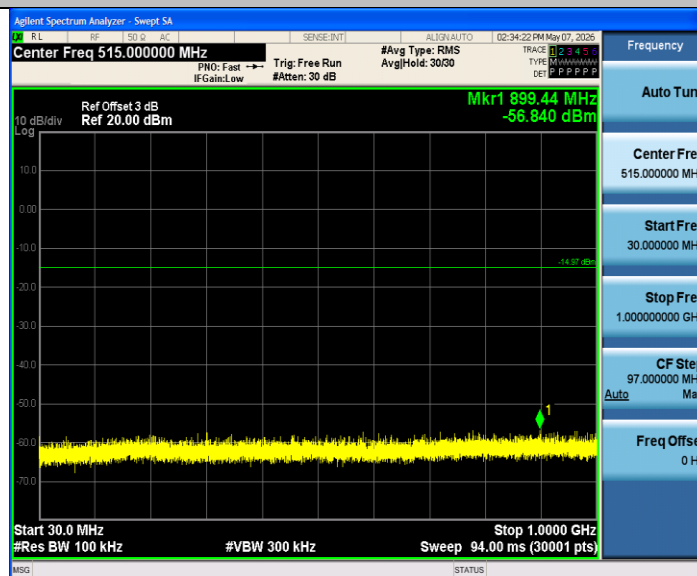
BLE_2M_Ant1_2440_30~1000



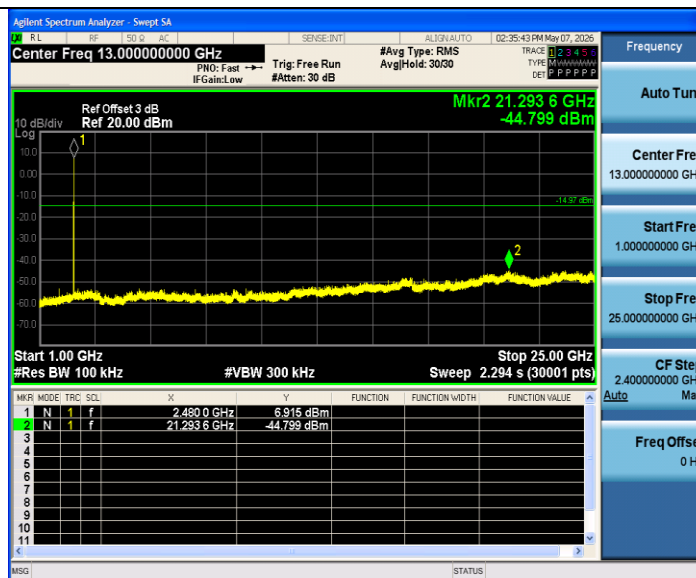
BLE_2M_Ant1_2440_1000~25000



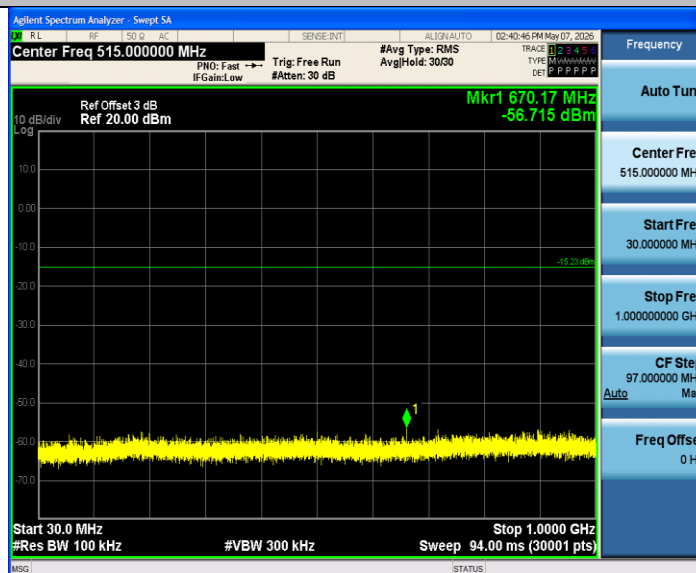
BLE_2M_Ant1_2480_30~1000



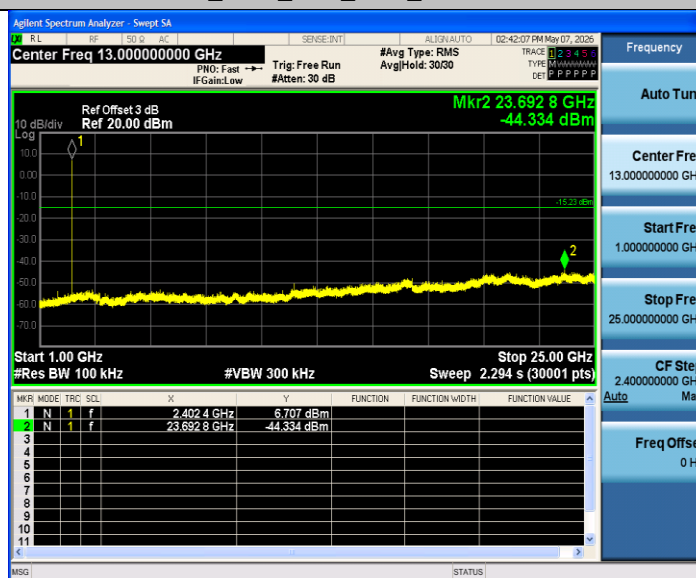
BLE_2M_Ant1_2480_1000~25000



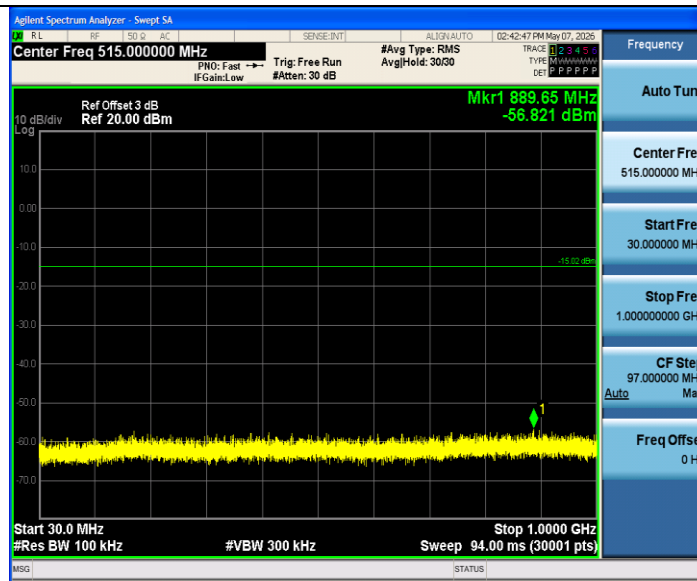
BLE_125K_Ant1_2402_30~1000



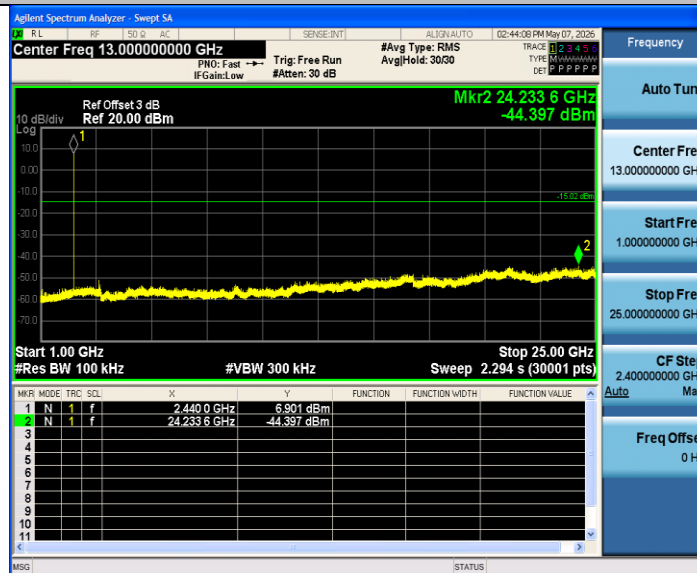
BLE_125K_Ant1_2402_1000~25000



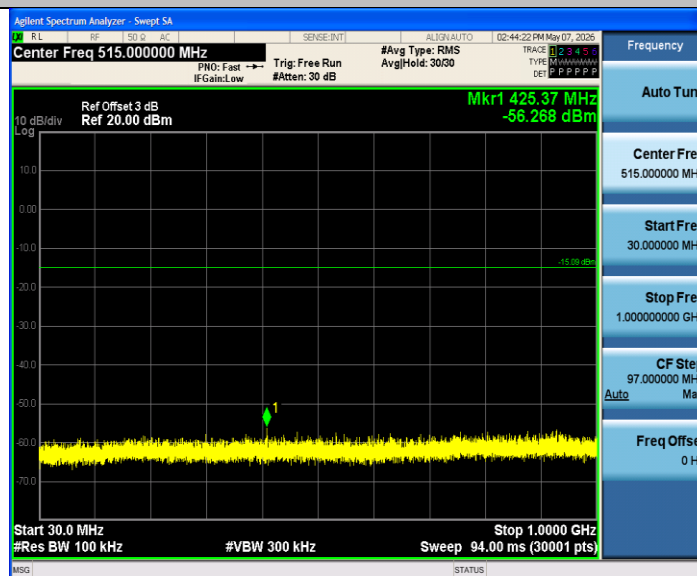
BLE_125K_Ant1_2440_30~1000



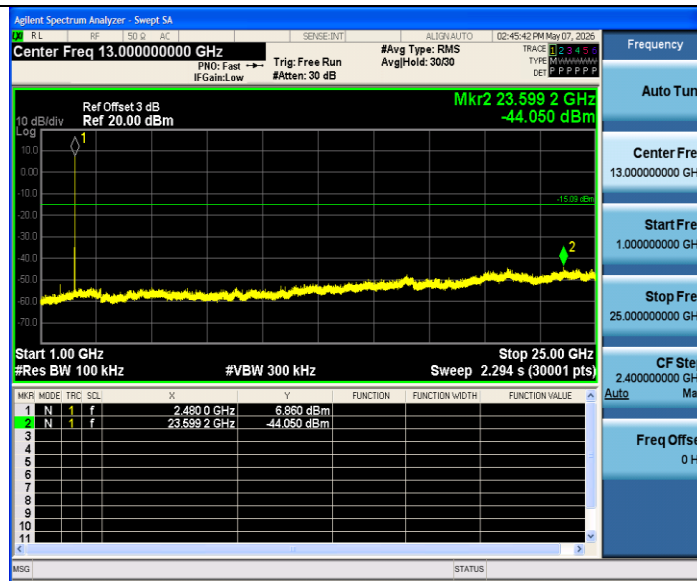
BLE_125K_Ant1_2440_1000~25000



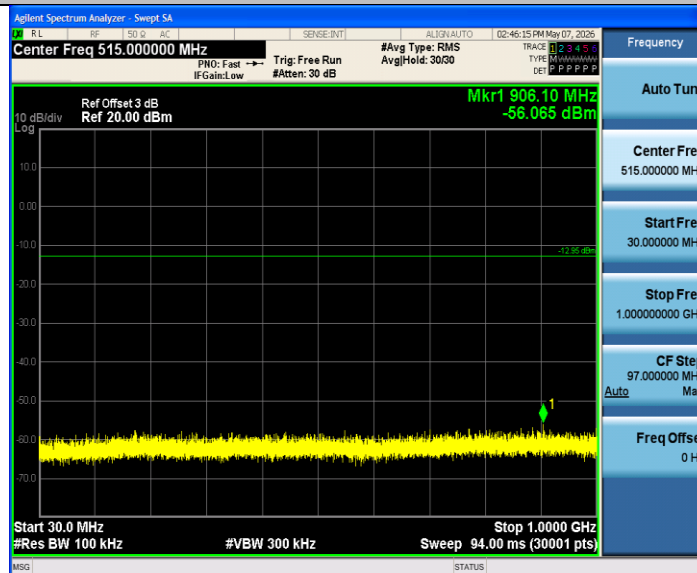
BLE_125K_Ant1_2480_30~1000



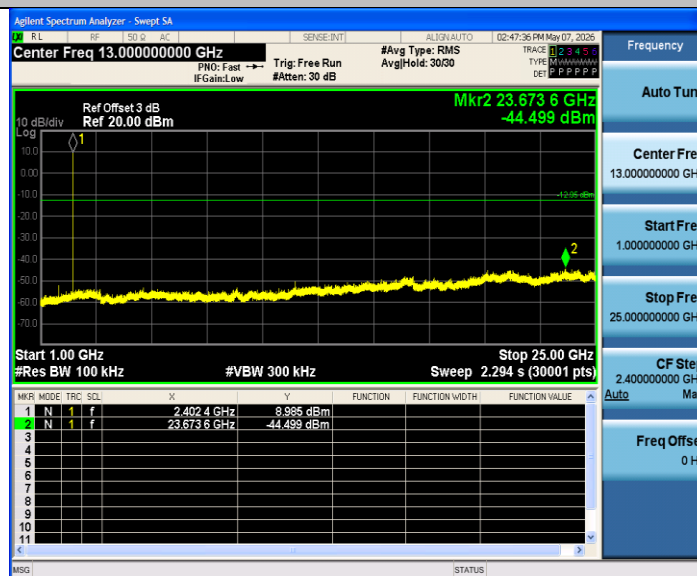
BLE_125K_Ant1_2480_1000~25000



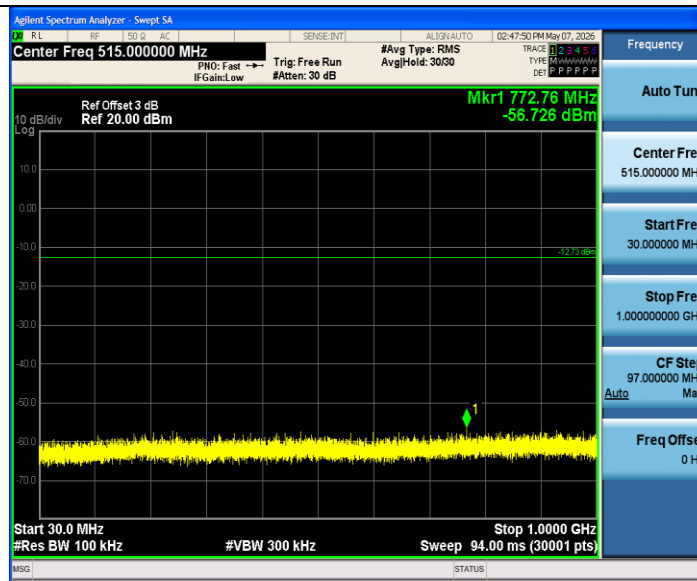
BLE_500K_Ant1_2402_30~1000



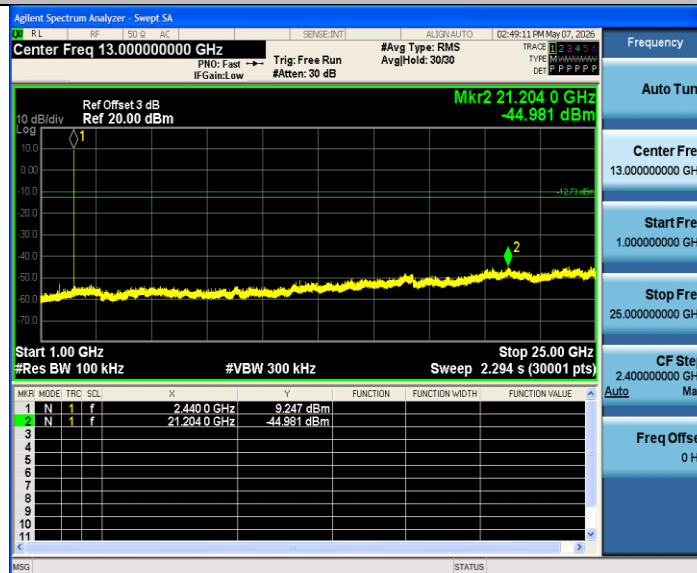
BLE_500K_Ant1_2402_1000~25000



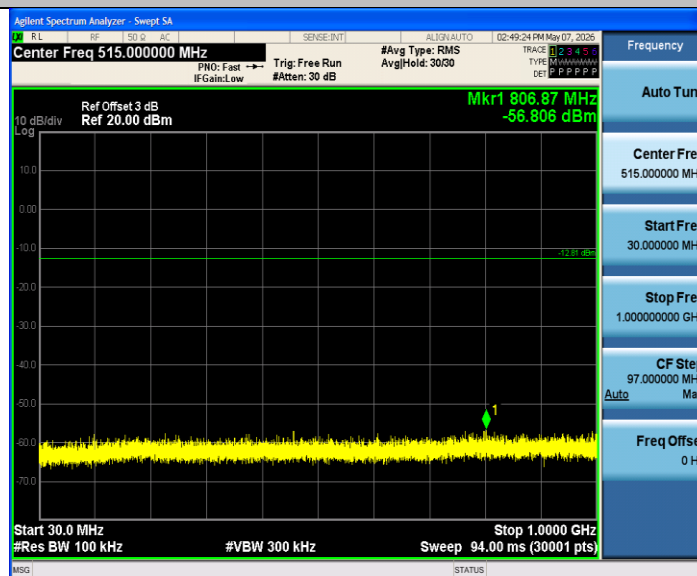
BLE_500K_Ant1_2440_30~1000



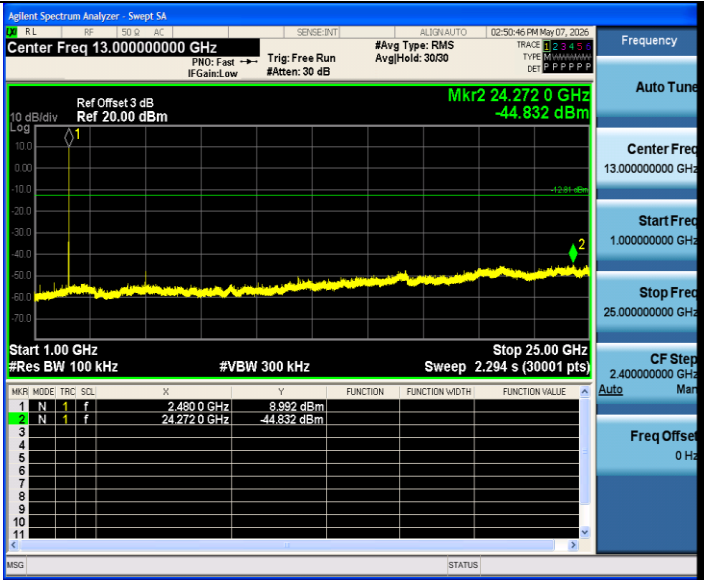
BLE_500K_Ant1_2440_1000~25000



BLE_500K_Ant1_2480_30~1000



BLE_500K_Ant1_2480_1000~25000

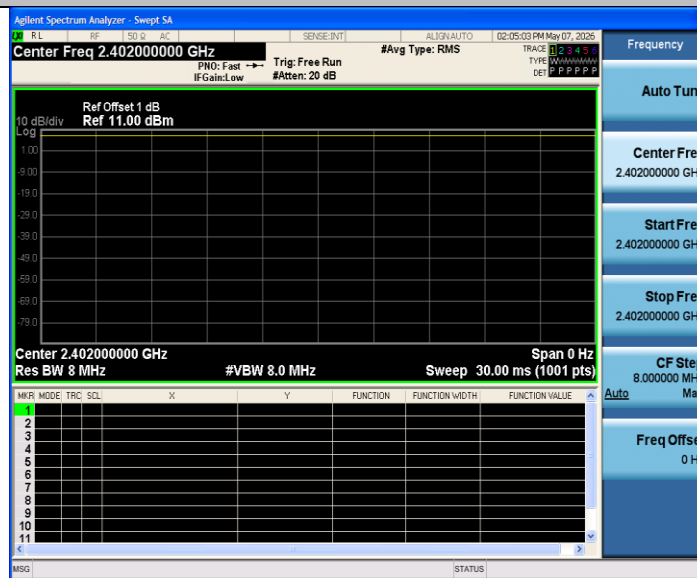


Note: Offset = Cable loss.

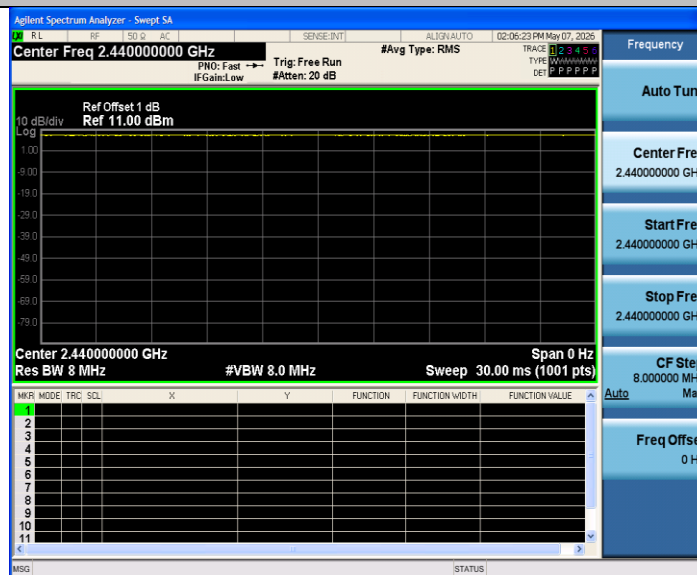
Appendix G: Duty Cycle

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	30.00	30.00	100.00	0.00
		2440	30.00	30.00	100.00	0.00
		2480	30.00	30.00	100.00	0.00
BLE_2M	Ant1	2402	30.00	30.00	100.00	0.00
		2440	30.00	30.00	100.00	0.00
		2480	30.00	30.00	100.00	0.00
BLE_125K	Ant1	2402	30.00	30.00	100.00	0.00
		2440	30.00	30.00	100.00	0.00
		2480	30.00	30.00	100.00	0.00
BLE_500K	Ant1	2402	30.00	30.00	100.00	0.00
		2440	30.00	30.00	100.00	0.00
		2480	30.00	30.00	100.00	0.00

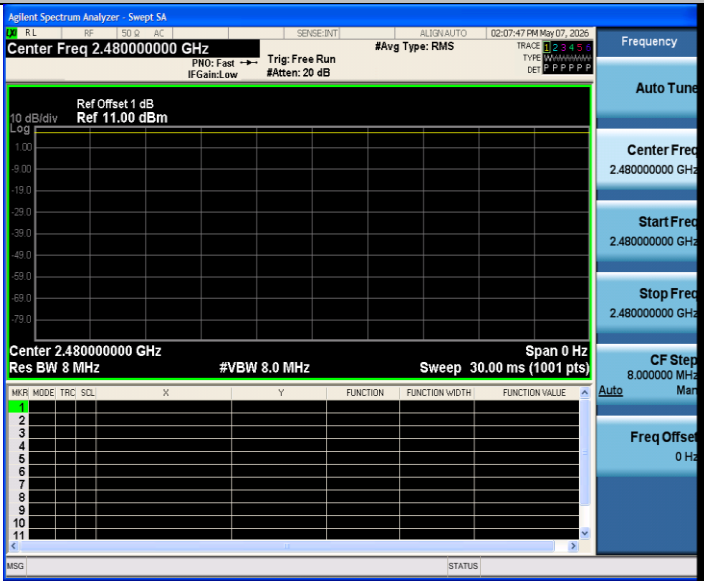
BLE_1M_Ant1_2402



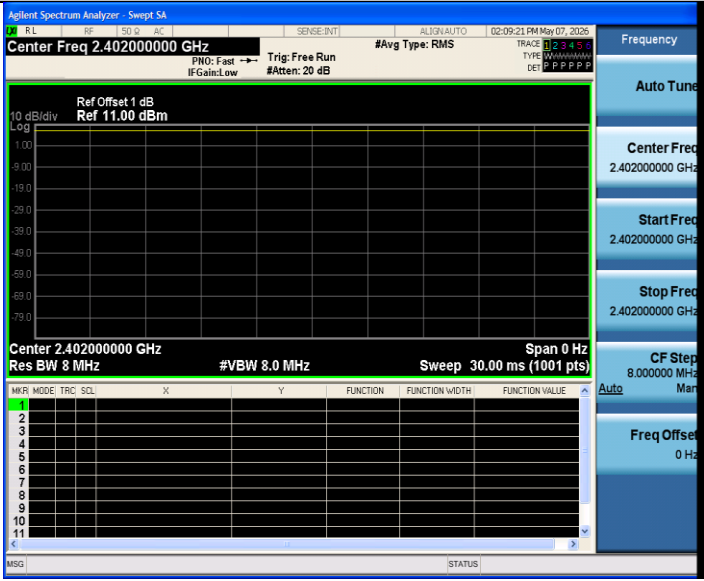
BLE_1M_Ant1_2440



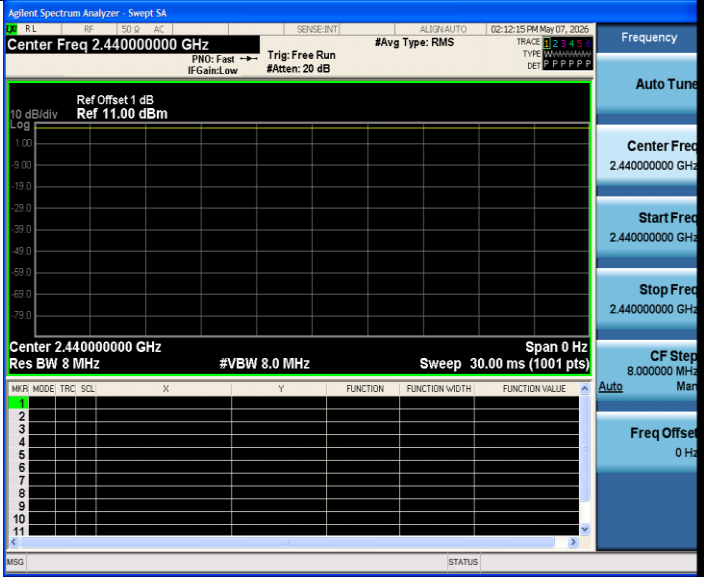
BLE_1M_Ant1_2480



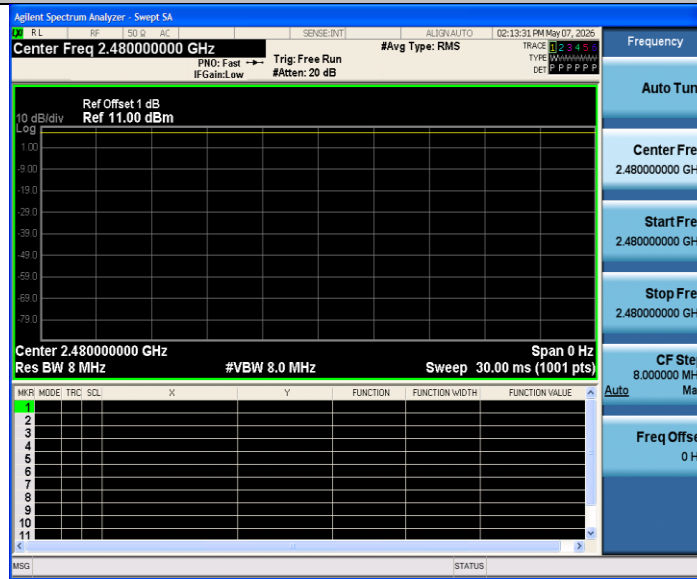
BLE_2M_Ant1_2402



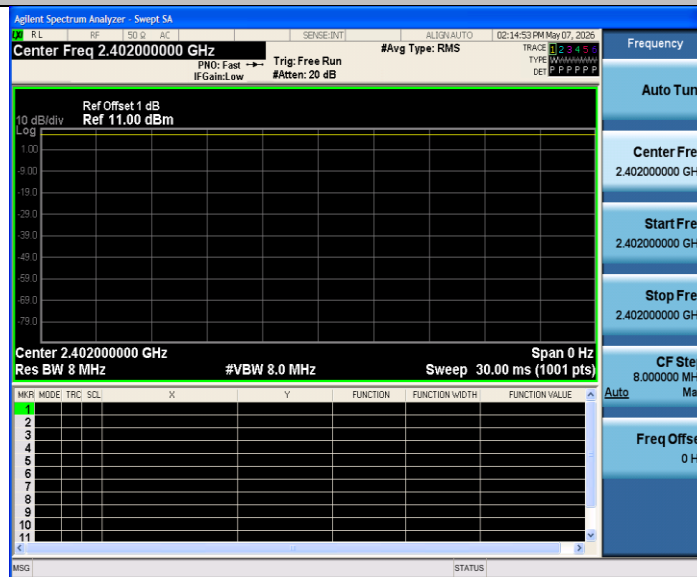
BLE_2M_Ant1_2440



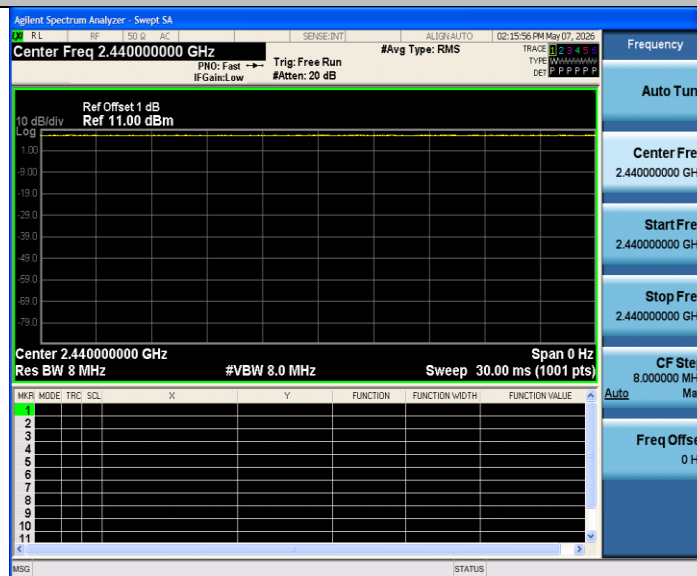
BLE_2M_Ant1_2480



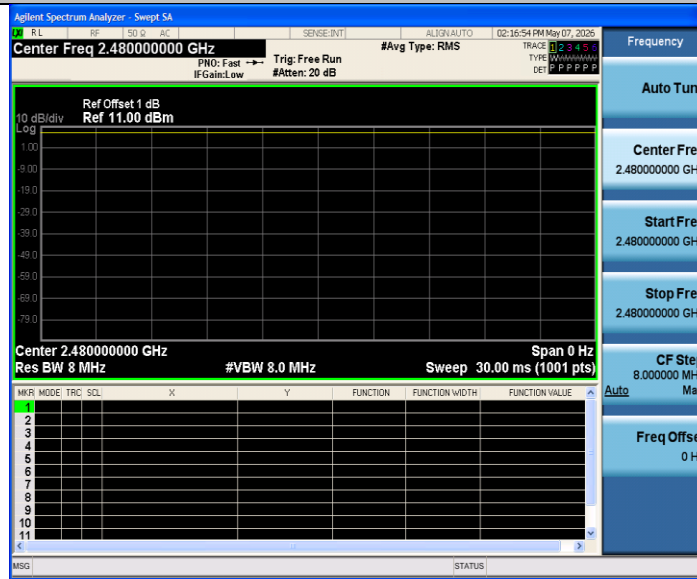
BLE_125K_Ant1_2402



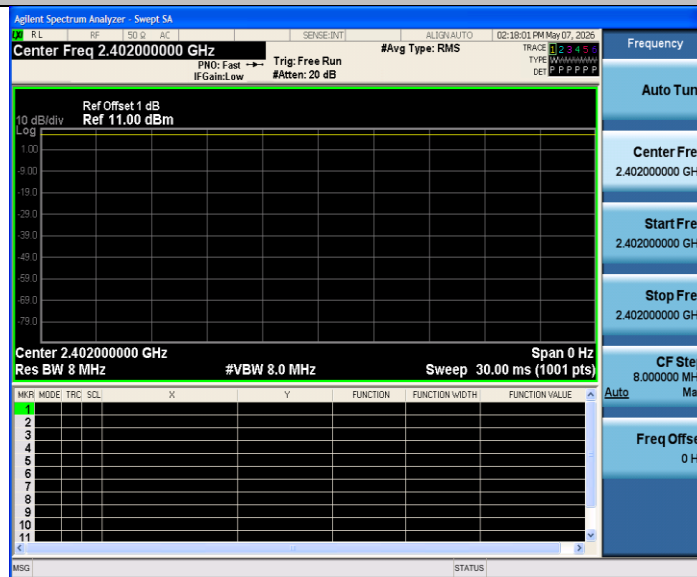
BLE_125K_Ant1_2440



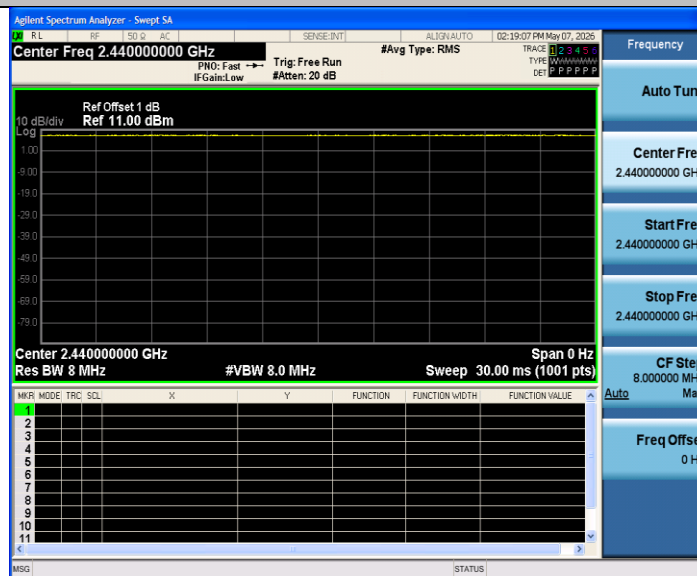
BLE_125K_Ant1_2480



BLE_500K_Ant1_2402

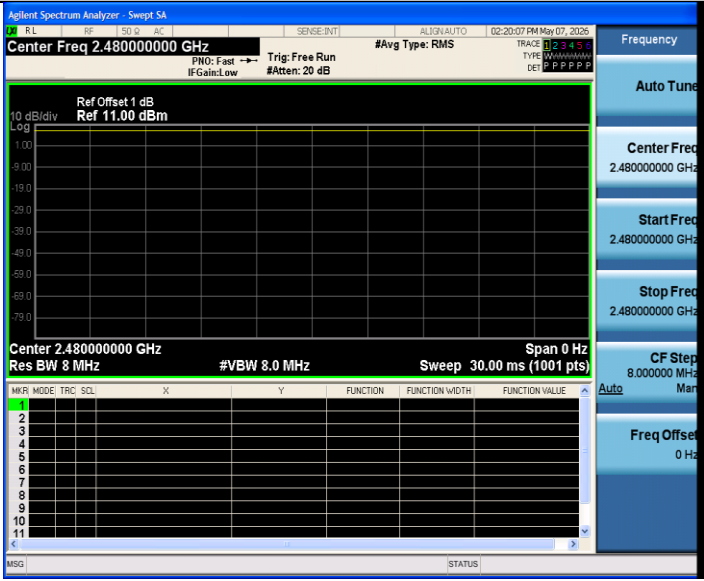


BLE_500K_Ant1_2440





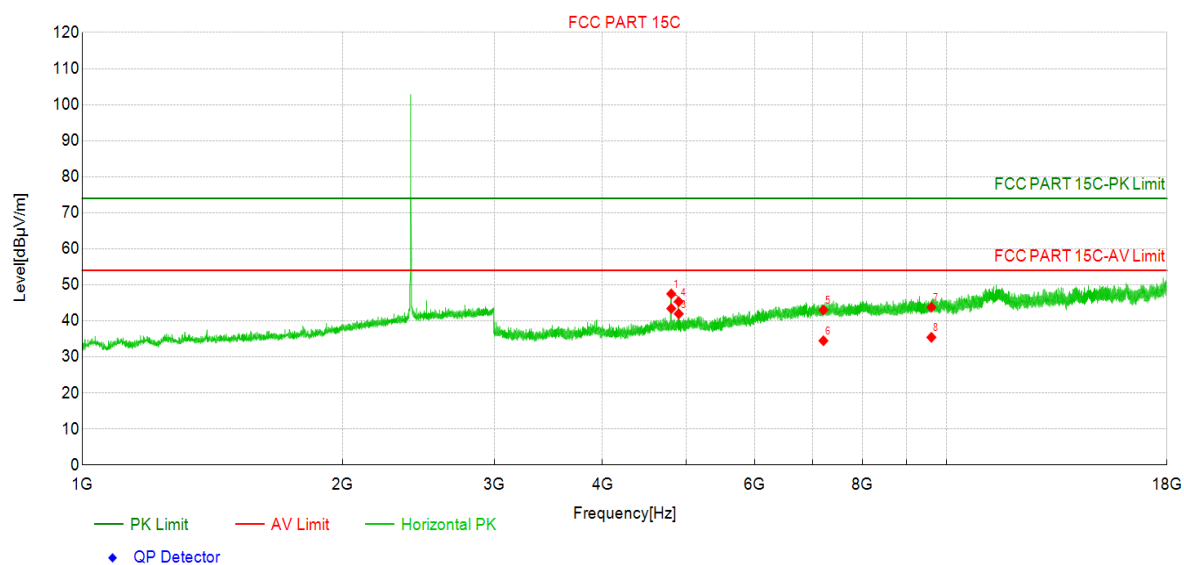
BLE_500K_Ant1_2480



Appendix H: Emissions in Restricted Bands

Transmit at 2402MHz by LE_1Mbps

Test Graph

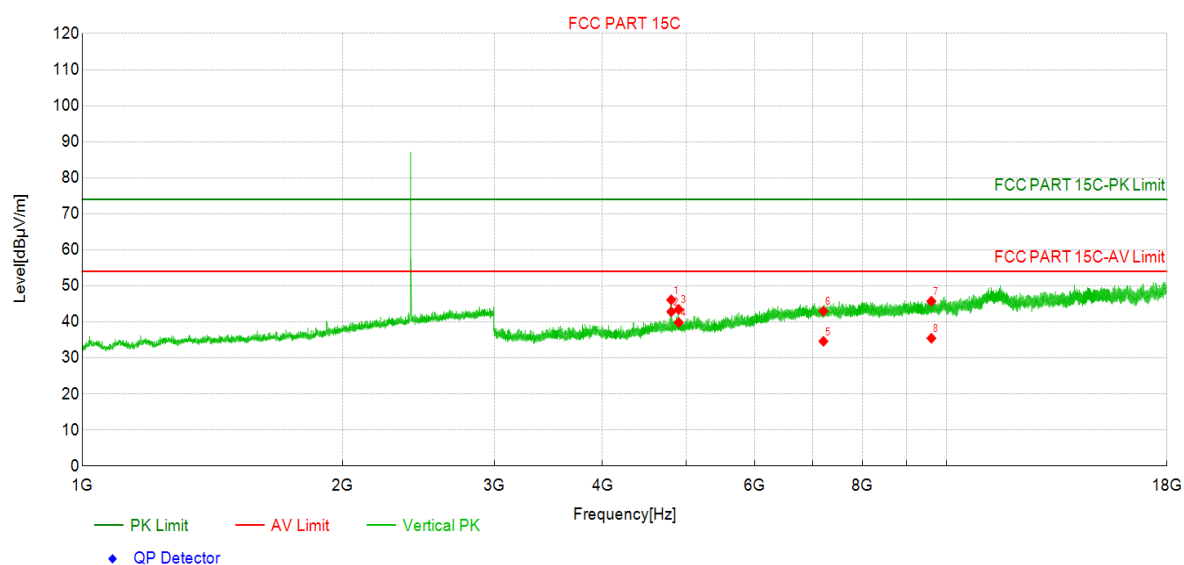


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	56.5	47.49	-8.960	74.00	26.51	PK	Horizo	PASS
2	4804.50	52.4	43.43	-8.960	54.00	10.57	AV	Horizo	PASS
3	4901.00	50.4	41.96	-8.470	54.00	12.04	AV	Horizo	PASS
4	4901.00	53.8	45.34	-8.470	74.00	28.66	PK	Horizo	PASS
5	7206.00	45.1	43.01	-2.130	74.00	30.99	PK	Horizo	PASS
6	7206.00	36.6	34.49	-2.130	54.00	19.51	AV	Horizo	PASS
7	9608.00	43.0	43.79	0.760	74.00	30.21	PK	Horizo	PASS
8	9608.00	34.7	35.44	0.760	54.00	18.56	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

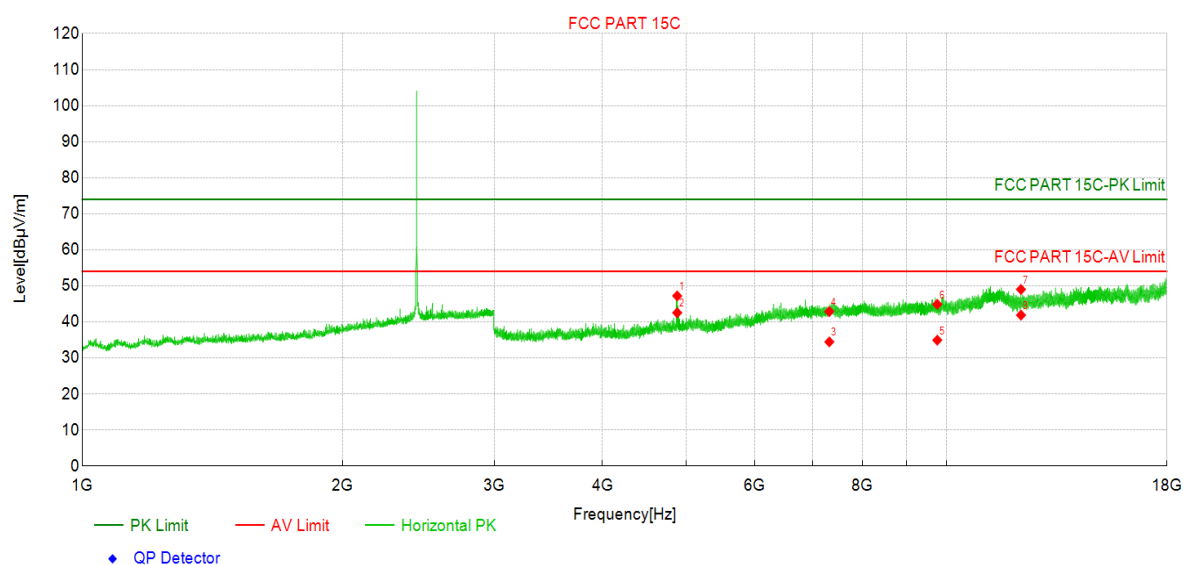


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	55.1	46.11	-8.960	74.00	27.89	PK	Vertic	PASS
2	4804.50	51.8	42.82	-8.960	54.00	11.18	AV	Vertic	PASS
3	4900.50	51.9	43.46	-8.470	74.00	30.54	PK	Vertic	PASS
4	4901.00	48.3	39.83	-8.470	54.00	14.17	AV	Vertic	PASS
5	7206.00	36.8	34.62	-2.130	54.00	19.38	AV	Vertic	PASS
6	7206.00	45.1	42.98	-2.130	74.00	31.02	PK	Vertic	PASS
7	9608.00	45.0	45.72	0.760	74.00	28.28	PK	Vertic	PASS
8	9608.00	34.7	35.45	0.760	54.00	18.55	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

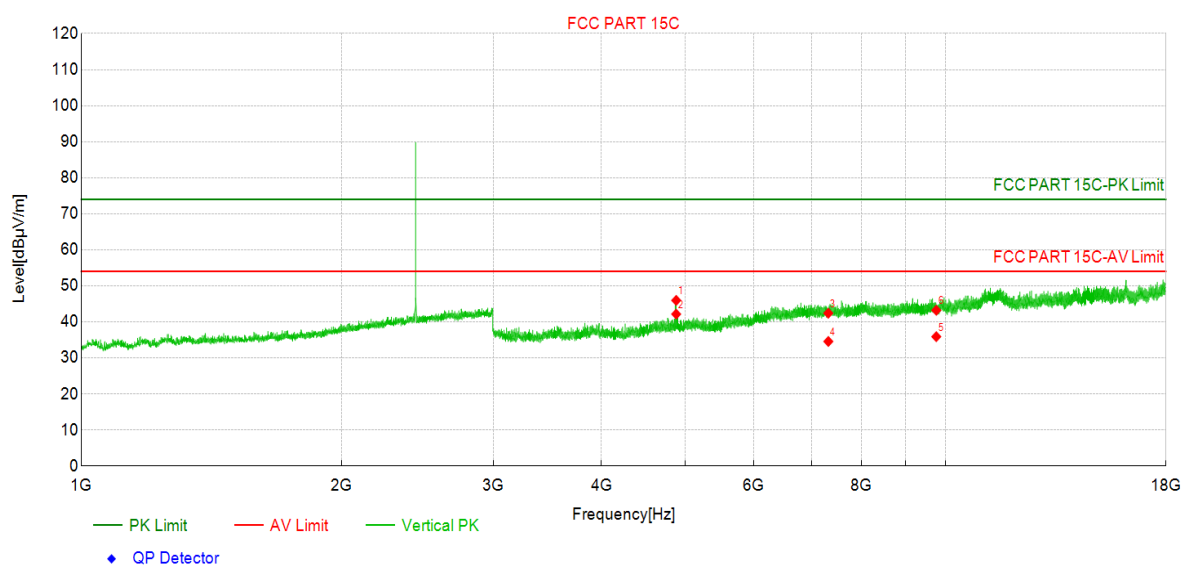


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.50	55.8	47.21	-8.580	74.00	26.79	PK	Horizo	PASS
2	4880.50	51.1	42.53	-8.580	54.00	11.47	AV	Horizo	PASS
3	7320.00	36.4	34.46	-1.890	54.00	19.54	AV	Horizo	PASS
4	7320.00	44.8	42.89	-1.890	74.00	31.11	PK	Horizo	PASS
5	9760.00	34.1	34.93	0.830	54.00	19.07	AV	Horizo	PASS
6	9760.00	44.1	44.89	0.830	74.00	29.11	PK	Horizo	PASS
7	12198.50	42.8	49.02	6.210	74.00	24.98	PK	Horizo	PASS
8	12199.00	35.7	41.88	6.210	54.00	12.12	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

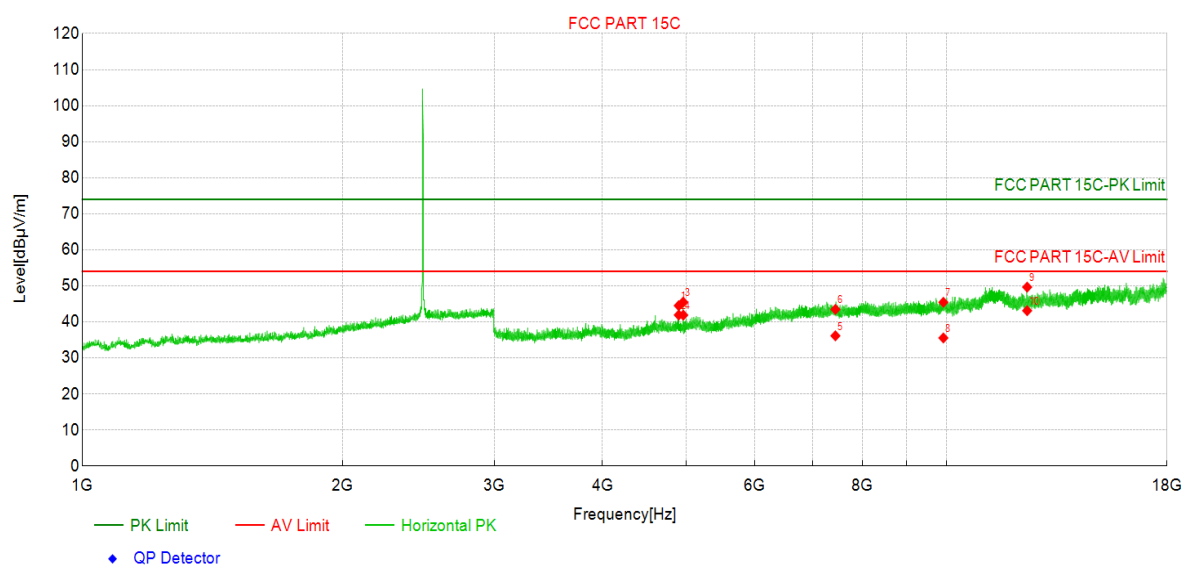


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.50	54.6	45.97	-8.580	74.00	28.03	PK	Vertic	PASS
2	4880.50	50.7	42.16	-8.580	54.00	11.84	AV	Vertic	PASS
3	7320.00	44.3	42.41	-1.890	74.00	31.59	PK	Vertic	PASS
4	7320.00	36.5	34.57	-1.890	54.00	19.43	AV	Vertic	PASS
5	9760.00	35.1	35.90	0.830	54.00	18.10	AV	Vertic	PASS
6	9760.00	42.4	43.22	0.830	74.00	30.78	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

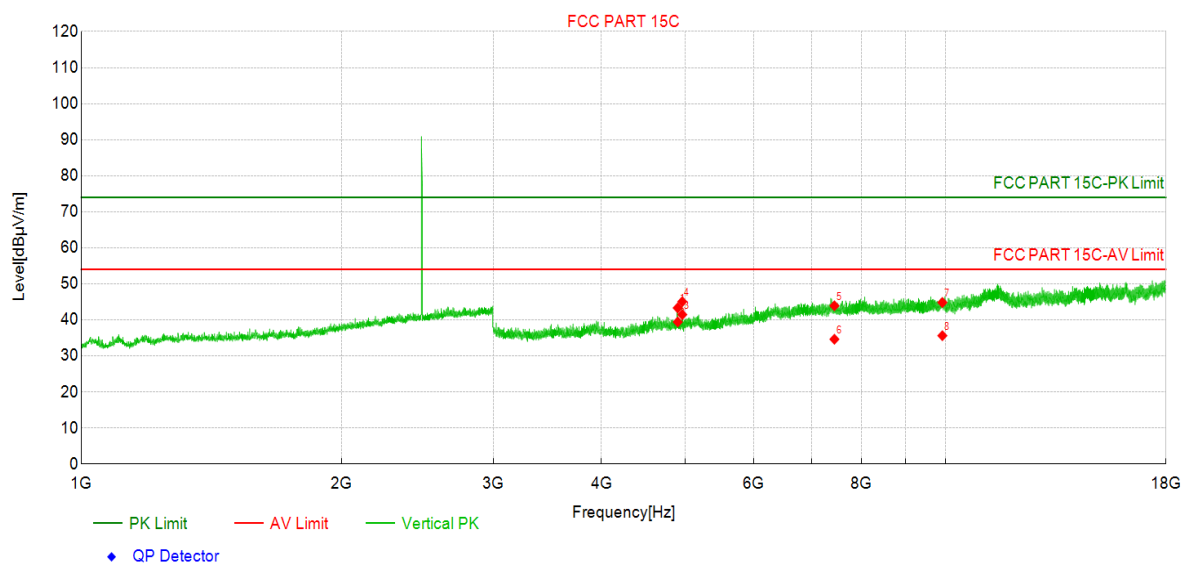


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	53.0	44.51	-8.470	74.00	29.49	PK	Horizo	PASS
2	4901.00	50.4	41.91	-8.470	54.00	12.09	AV	Horizo	PASS
3	4959.50	53.8	45.50	-8.250	74.00	28.50	PK	Horizo	PASS
4	4960.50	50.1	41.88	-8.250	54.00	12.12	AV	Horizo	PASS
5	7440.00	37.8	36.14	-1.690	54.00	17.86	AV	Horizo	PASS
6	7440.00	45.2	43.48	-1.690	74.00	30.52	PK	Horizo	PASS
7	9920.00	43.8	45.46	1.690	74.00	28.54	PK	Horizo	PASS
8	9920.00	33.9	35.54	1.690	54.00	18.46	AV	Horizo	PASS
9	12401.50	42.9	49.65	6.720	74.00	24.35	PK	Horizo	PASS
10	12402.00	36.4	43.11	6.720	54.00	10.89	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

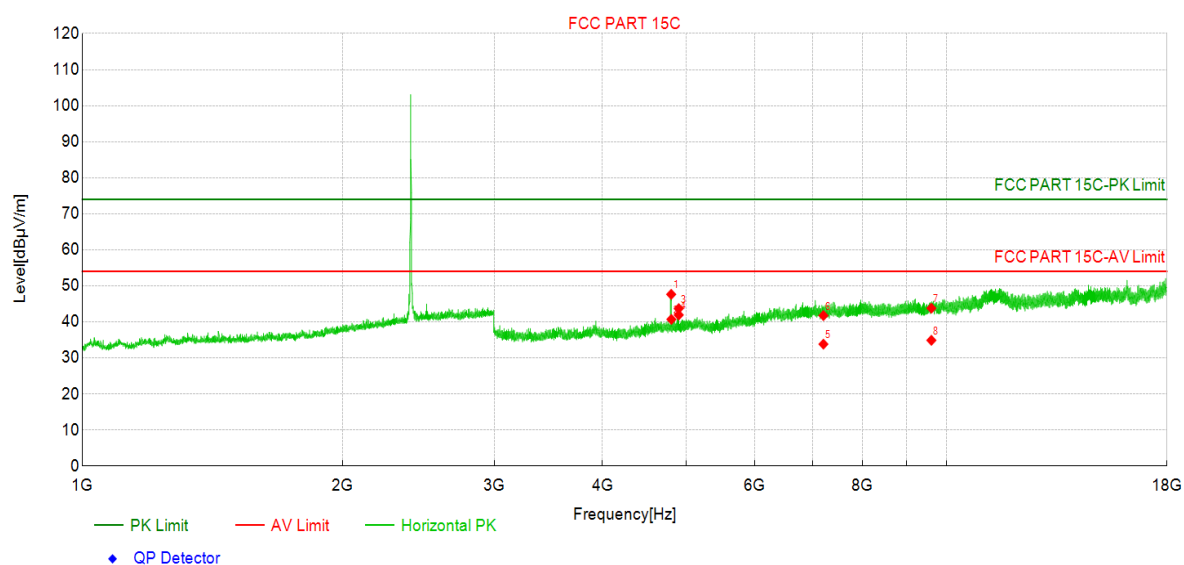


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4901.00	51.8	43.32	-8.470	74.00	30.68	PK	Vertic	PASS
2	4901.00	47.9	39.43	-8.470	54.00	14.57	AV	Vertic	PASS
3	4960.50	49.7	41.46	-8.250	54.00	12.54	AV	Vertic	PASS
4	4960.50	53.3	45.06	-8.250	74.00	28.94	PK	Vertic	PASS
5	7440.00	45.6	43.91	-1.690	74.00	30.09	PK	Vertic	PASS
6	7440.00	36.3	34.63	-1.690	54.00	19.37	AV	Vertic	PASS
7	9920.00	43.1	44.83	1.690	74.00	29.17	PK	Vertic	PASS
8	9920.00	33.9	35.62	1.690	54.00	18.38	AV	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps

Test Graph

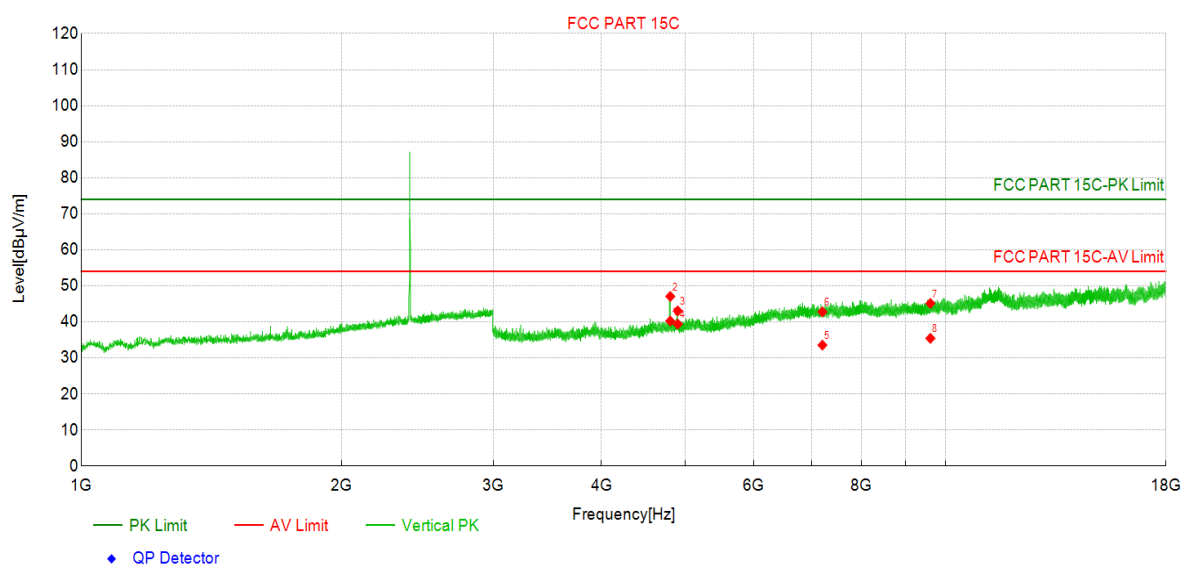


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4803.00	56.6	47.64	-8.970	74.00	26.36	PK	Horizo	PASS
2	4805.50	49.7	40.70	-8.950	54.00	13.30	AV	Horizo	PASS
3	4900.50	52.2	43.69	-8.470	74.00	30.31	PK	Horizo	PASS
4	4901.00	50.4	41.92	-8.470	54.00	12.08	AV	Horizo	PASS
5	7206.00	36.0	33.82	-2.130	54.00	20.18	AV	Horizo	PASS
6	7206.00	43.9	41.75	-2.130	74.00	32.25	PK	Horizo	PASS
7	9608.00	43.0	43.79	0.760	74.00	30.21	PK	Horizo	PASS
8	9608.00	34.1	34.89	0.760	54.00	19.11	AV	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps

Test Graph

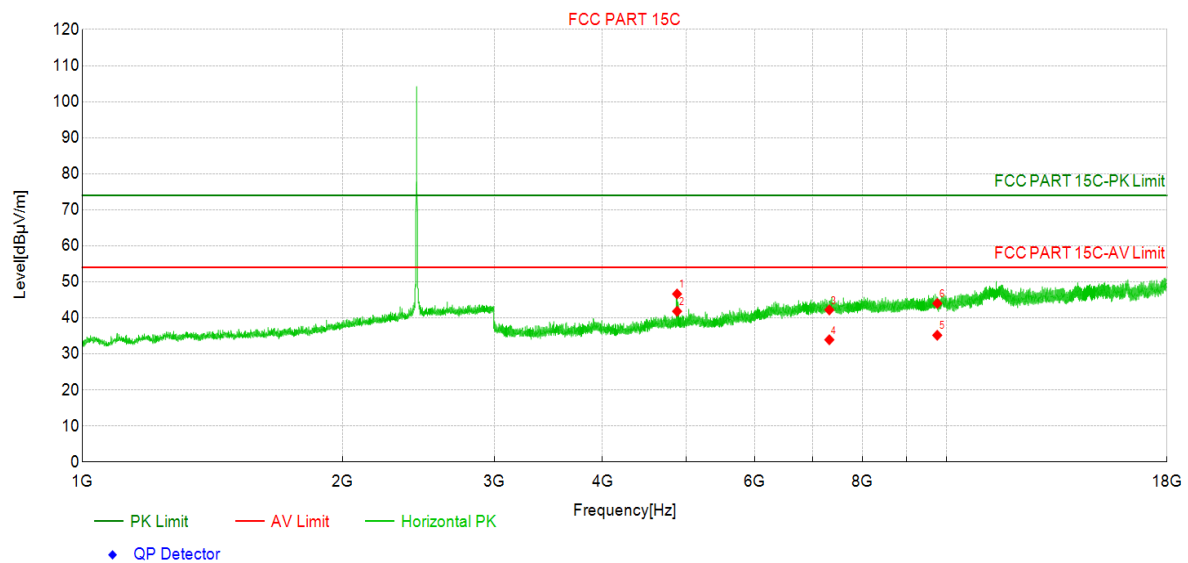


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.2	40.24	-8.960	54.00	13.76	AV	Vertic	PASS
2	4805.00	56.0	47.07	-8.960	74.00	26.93	PK	Vertic	PASS
3	4900.50	51.5	43.06	-8.470	74.00	30.94	PK	Vertic	PASS
4	4901.00	47.9	39.39	-8.470	54.00	14.61	AV	Vertic	PASS
5	7206.00	35.7	33.55	-2.130	54.00	20.45	AV	Vertic	PASS
6	7206.00	44.9	42.79	-2.130	74.00	31.21	PK	Vertic	PASS
7	9608.00	44.4	45.13	0.760	74.00	28.87	PK	Vertic	PASS
8	9608.00	34.7	35.43	0.760	54.00	18.57	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

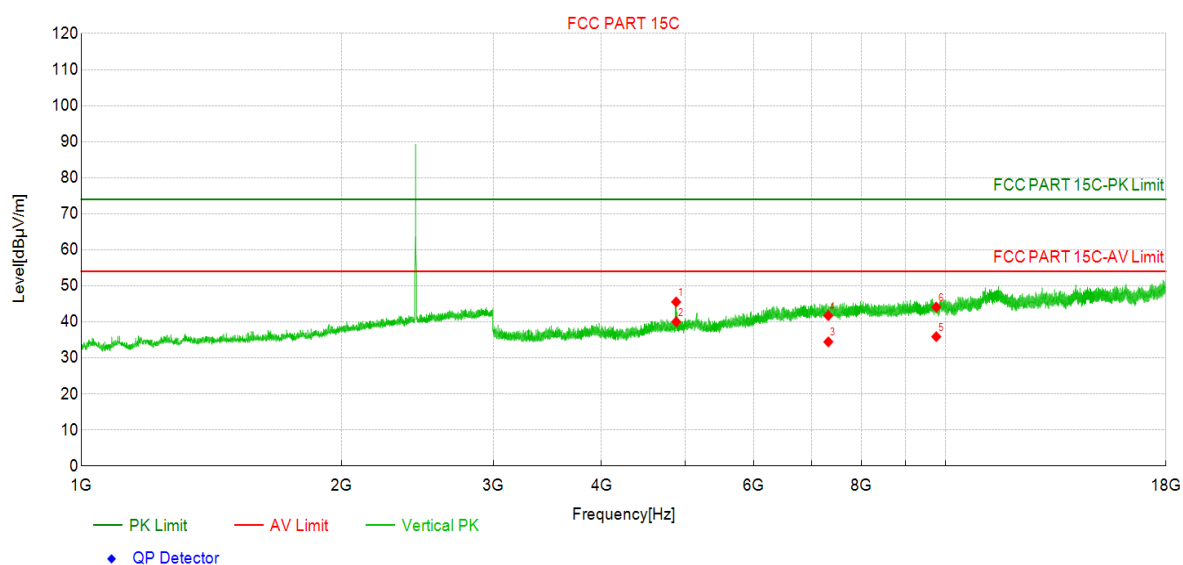


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.00	55.2	46.64	-8.600	74.00	27.36	PK	Horizo	PASS
2	4879.50	50.4	41.83	-8.600	54.00	12.17	AV	Horizo	PASS
3	7320.00	44.1	42.21	-1.890	74.00	31.79	PK	Horizo	PASS
4	7320.00	35.8	33.93	-1.890	54.00	20.07	AV	Horizo	PASS
5	9760.00	34.4	35.18	0.830	54.00	18.82	AV	Horizo	PASS
6	9760.00	43.2	44.02	0.830	74.00	29.98	PK	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

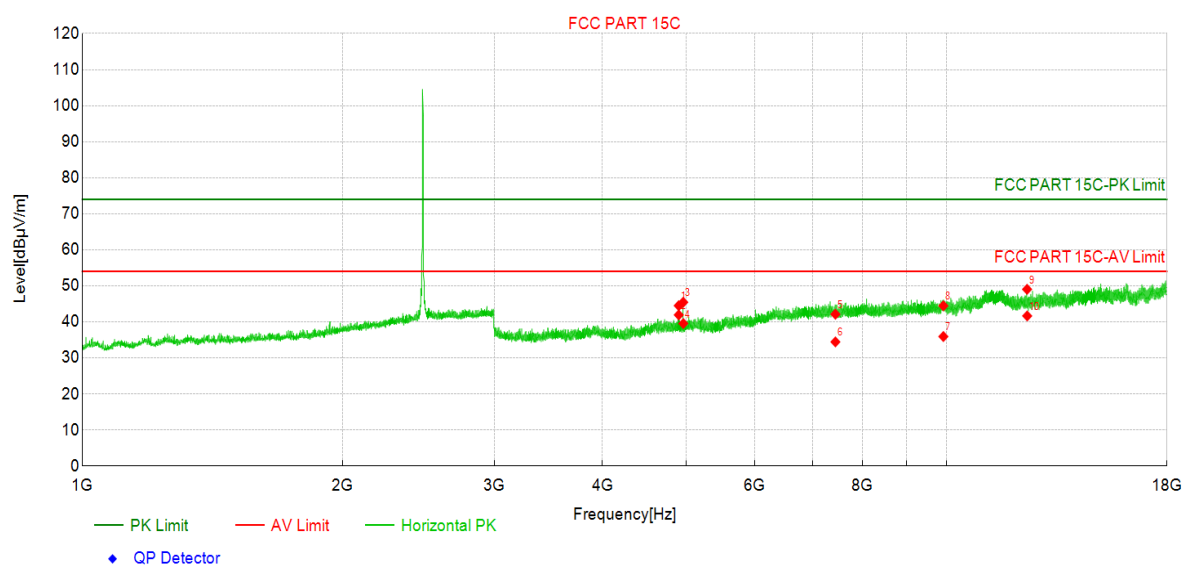


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.50	54.1	45.53	-8.580	74.00	28.47	PK	Vertic	PASS
2	4881.00	48.6	40.04	-8.580	54.00	13.96	AV	Vertic	PASS
3	7320.00	36.3	34.45	-1.890	54.00	19.55	AV	Vertic	PASS
4	7320.00	43.6	41.74	-1.890	74.00	32.26	PK	Vertic	PASS
5	9760.00	35.1	35.90	0.830	54.00	18.10	AV	Vertic	PASS
6	9760.00	43.3	44.10	0.830	74.00	29.90	PK	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph

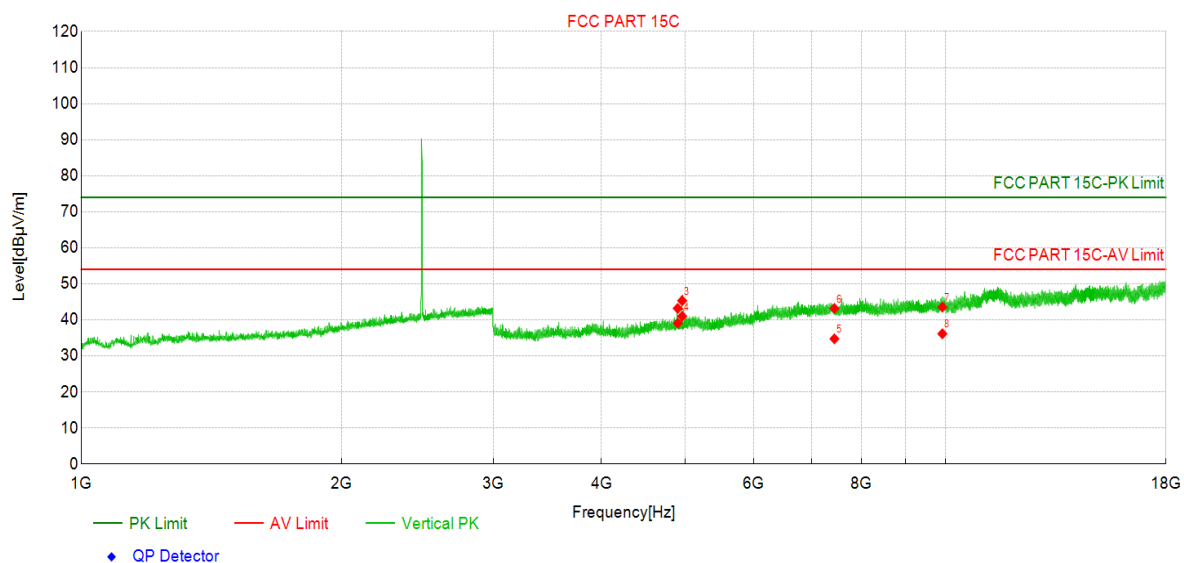


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	53.0	44.50	-8.470	74.00	29.50	PK	Horizo	PASS
2	4901.00	50.4	41.93	-8.470	54.00	12.07	AV	Horizo	PASS
3	4959.50	53.7	45.45	-8.250	74.00	28.55	PK	Horizo	PASS
4	4961.00	47.8	39.56	-8.250	54.00	14.44	AV	Horizo	PASS
5	7440.00	43.8	42.14	-1.690	74.00	31.86	PK	Horizo	PASS
6	7440.00	36.1	34.45	-1.690	54.00	19.55	AV	Horizo	PASS
7	9920.00	34.3	35.94	1.690	54.00	18.06	AV	Horizo	PASS
8	9920.00	42.8	44.47	1.690	74.00	29.53	PK	Horizo	PASS
9	12398.00	42.3	49.05	6.710	74.00	24.95	PK	Horizo	PASS
10	12402.50	34.9	41.65	6.730	54.00	12.35	AV	Horizo	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph

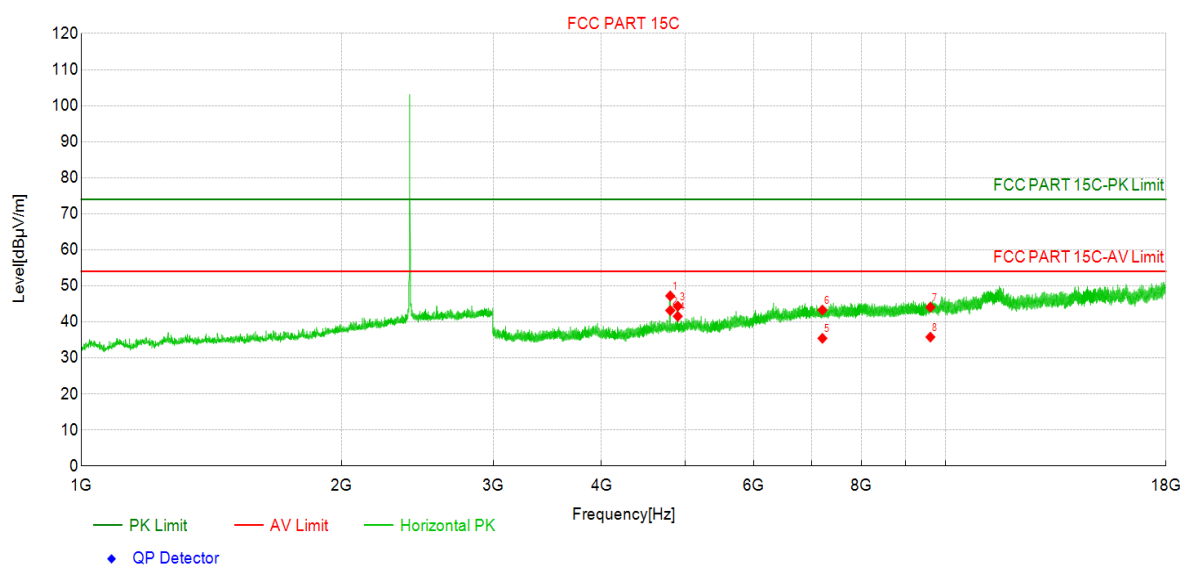


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	51.7	43.19	-8.470	74.00	30.81	PK	Vertic	PASS
2	4901.00	47.6	39.10	-8.470	54.00	14.90	AV	Vertic	PASS
3	4959.00	53.6	45.31	-8.250	74.00	28.69	PK	Vertic	PASS
4	4959.50	49.3	41.02	-8.250	54.00	12.98	AV	Vertic	PASS
5	7440.00	36.4	34.75	-1.690	54.00	19.25	AV	Vertic	PASS
6	7440.00	44.9	43.18	-1.690	74.00	30.82	PK	Vertic	PASS
7	9920.00	41.8	43.53	1.690	74.00	30.47	PK	Vertic	PASS
8	9920.00	34.5	36.16	1.690	54.00	17.84	AV	Vertic	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	4804.00	56.2	47.20	-8.960	74.00	26.80	PK	Horizo	PASS
2	4804.50	52.1	43.17	-8.960	54.00	10.83	AV	Horizo	PASS
3	4901.00	52.8	44.37	-8.470	74.00	29.63	PK	Horizo	PASS
4	4901.00	50.0	41.55	-8.470	54.00	12.45	AV	Horizo	PASS
5	7206.00	37.6	35.44	-2.130	54.00	18.56	AV	Horizo	PASS
6	7206.00	45.4	43.28	-2.130	74.00	30.72	PK	Horizo	PASS
7	9608.00	43.3	44.07	0.760	74.00	29.93	PK	Horizo	PASS
8	9608.00	35.0	35.79	0.760	54.00	18.21	AV	Horizo	PASS