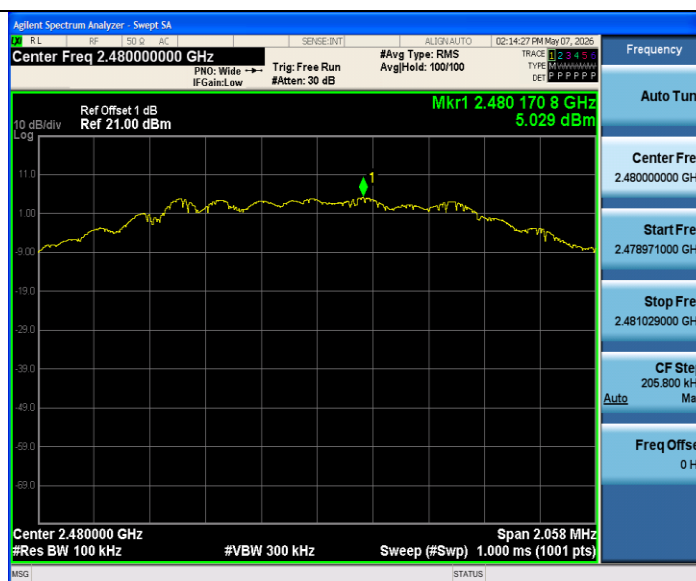
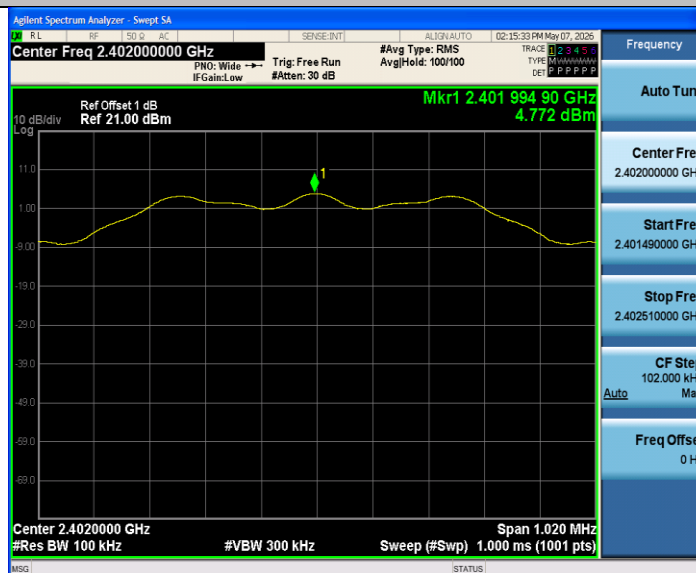




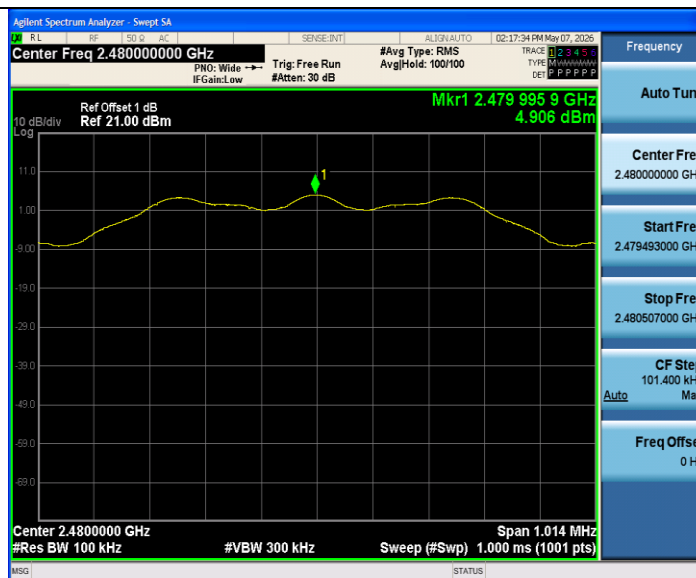
BLE 125K Ant1 2402



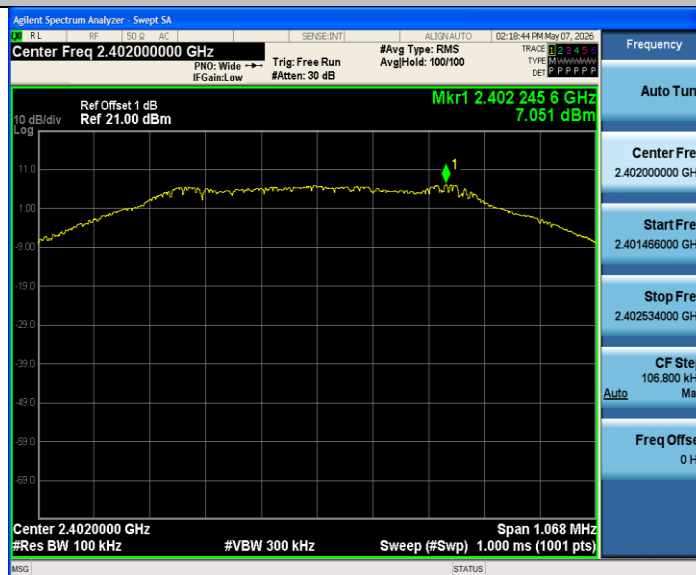
BLE 125K Ant1 2440



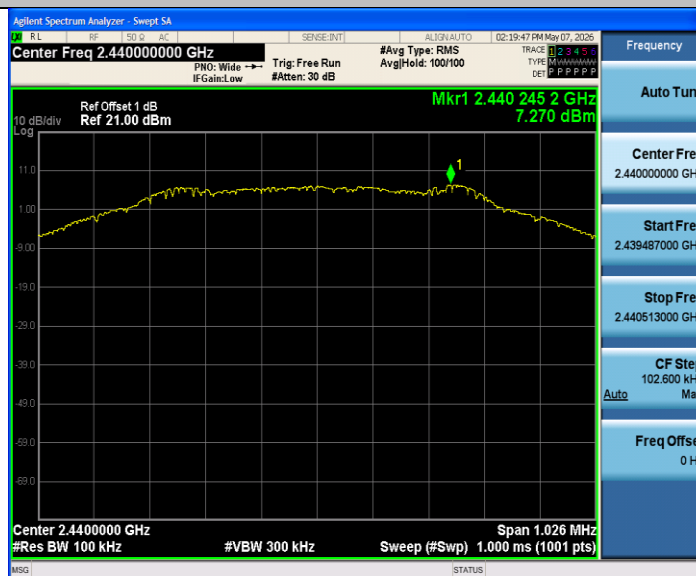
BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440

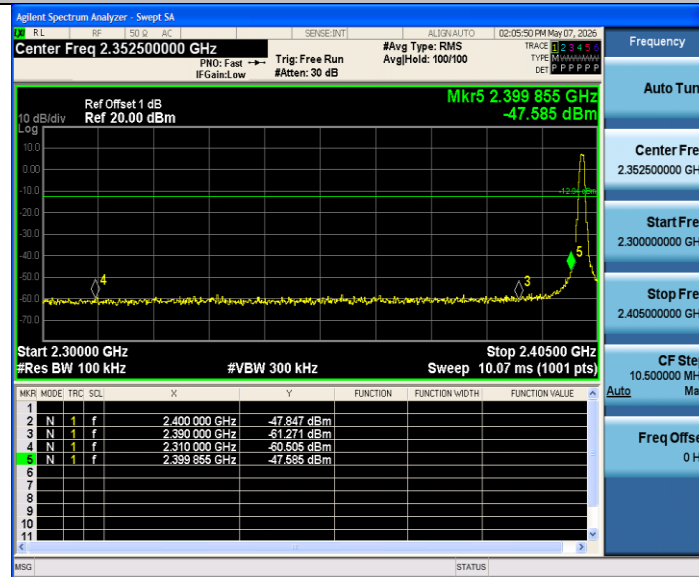


BLE_500K_Ant1_2480

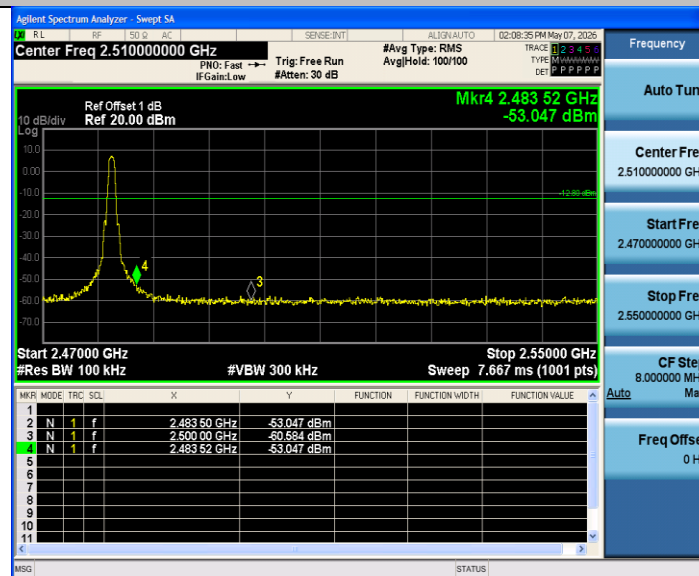


Band edge measurements :

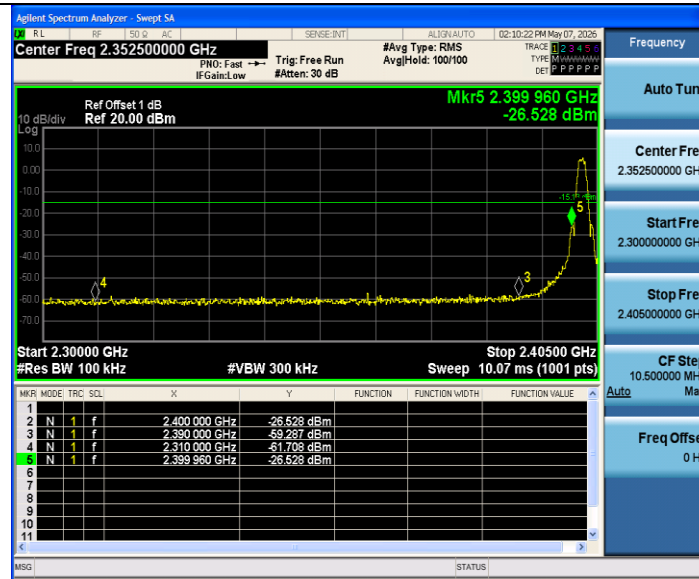
BLE_1M_Ant1_Low_2402



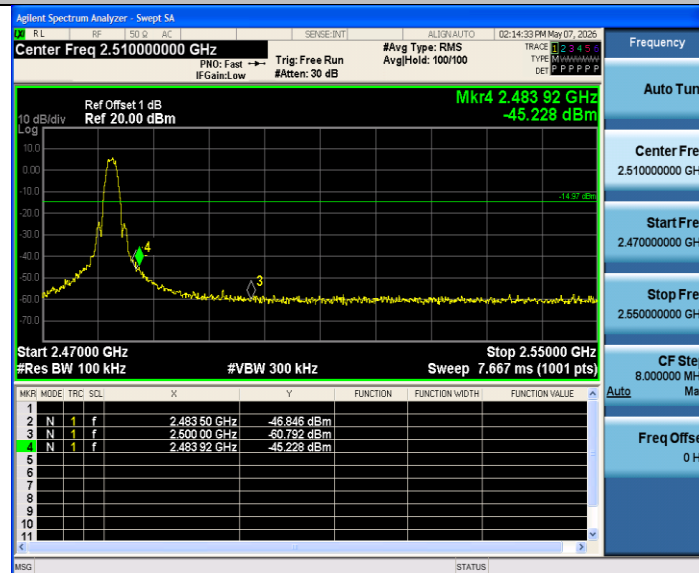
BLE_1M_Ant1_High_2480



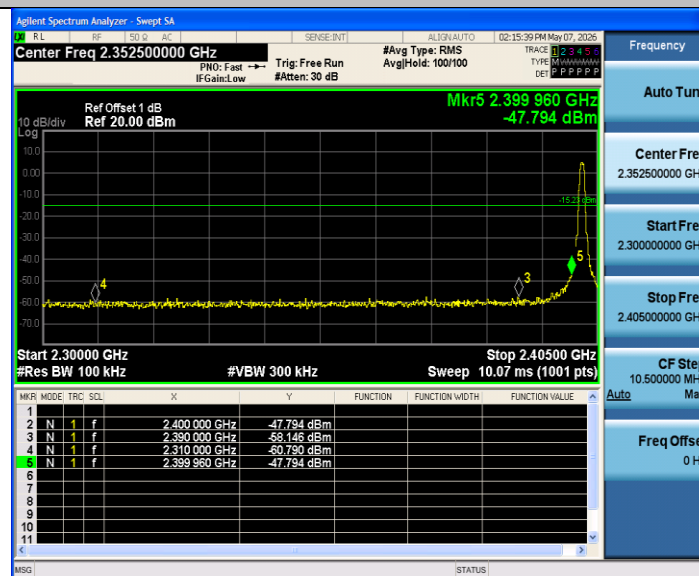
BLE_2M_Ant1_Low_2402



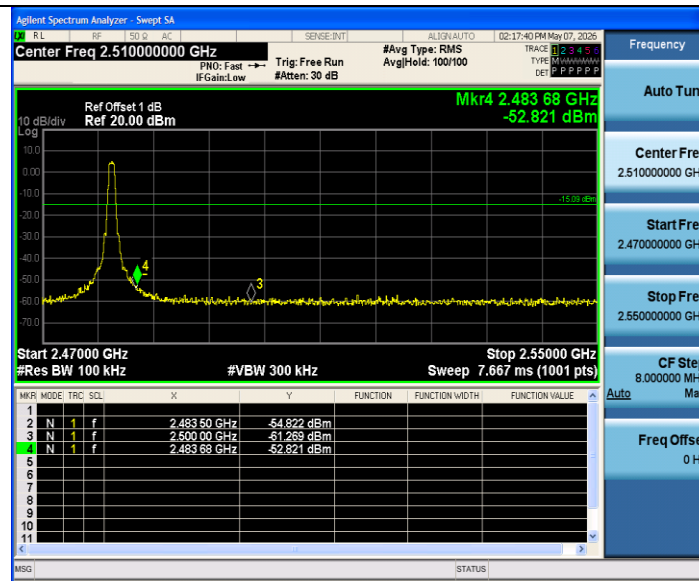
BLE_2M_Ant1_High_2480



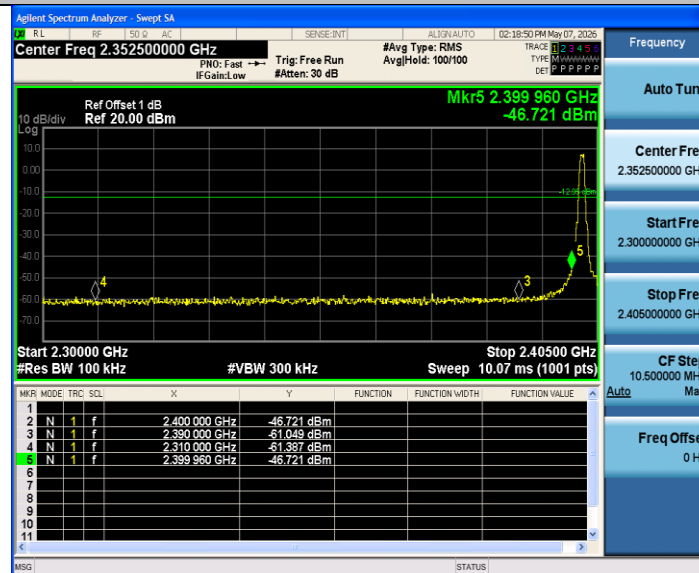
BLE_125K_Ant1_Low_2402



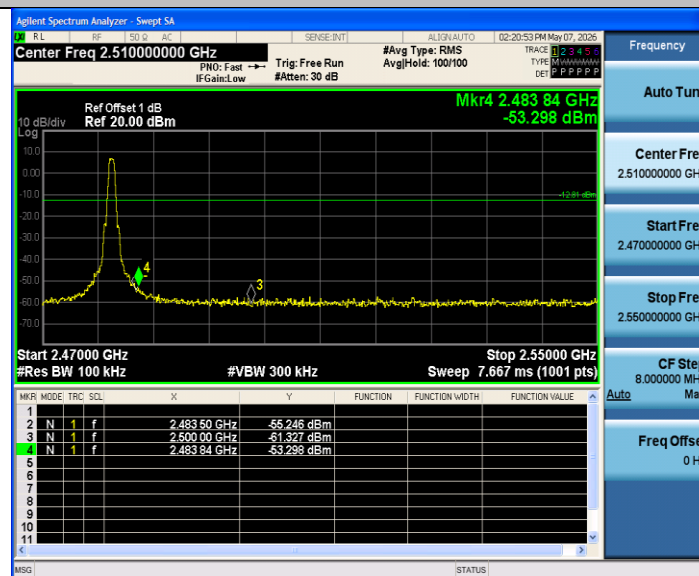
BLE_125K_Ant1_High_2480



BLE_500K_Ant1_Low_2402

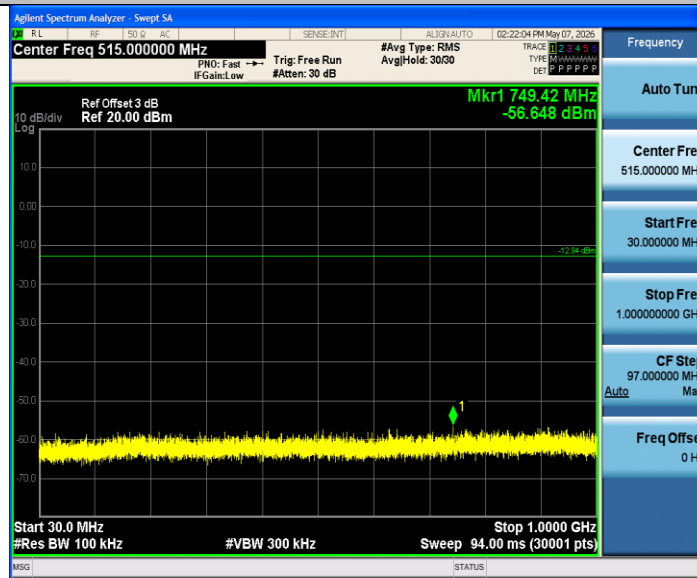


BLE_500K_Ant1_High_2480

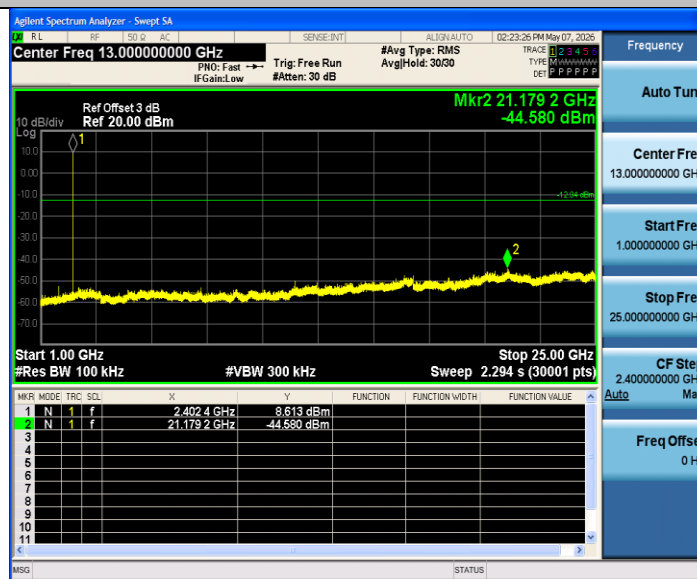


Conducted Spurious Emission :

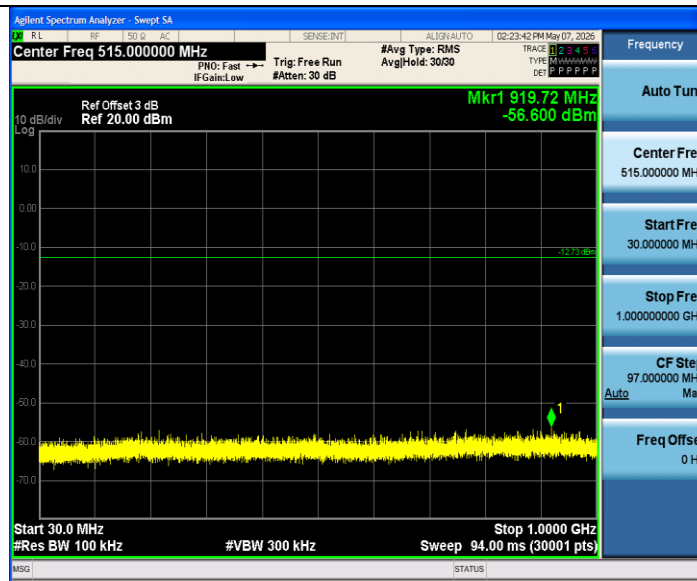
BLE_1M_Ant1_2402_30~1000



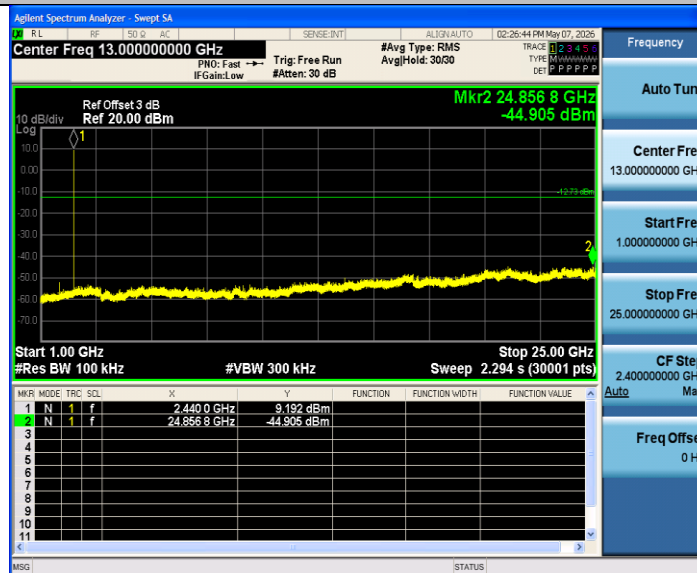
BLE_1M_Ant1_2402_1000~25000



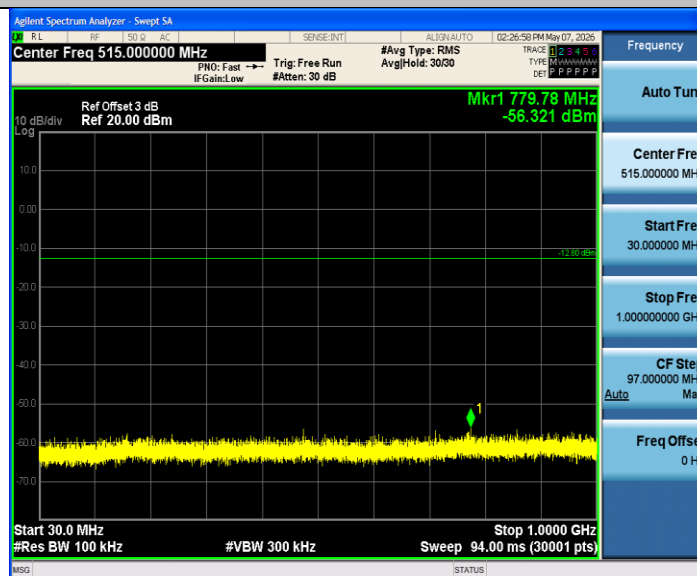
BLE_1M_Ant1_2440_30~1000



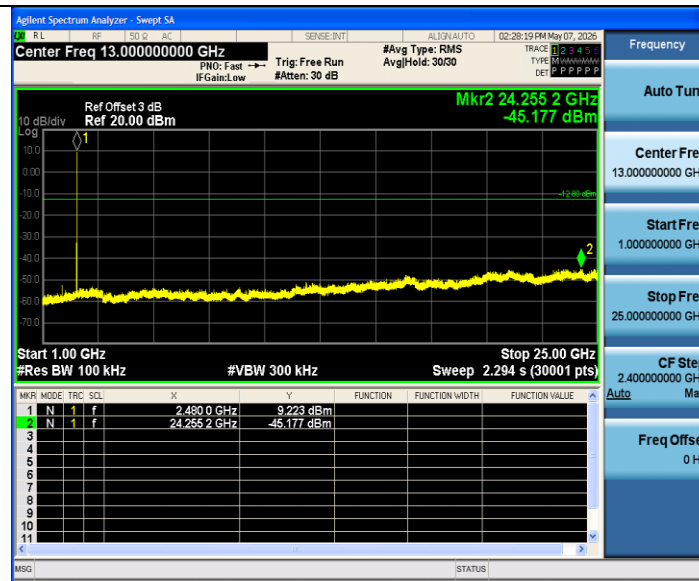
BLE_1M_Ant1_2440_1000~25000



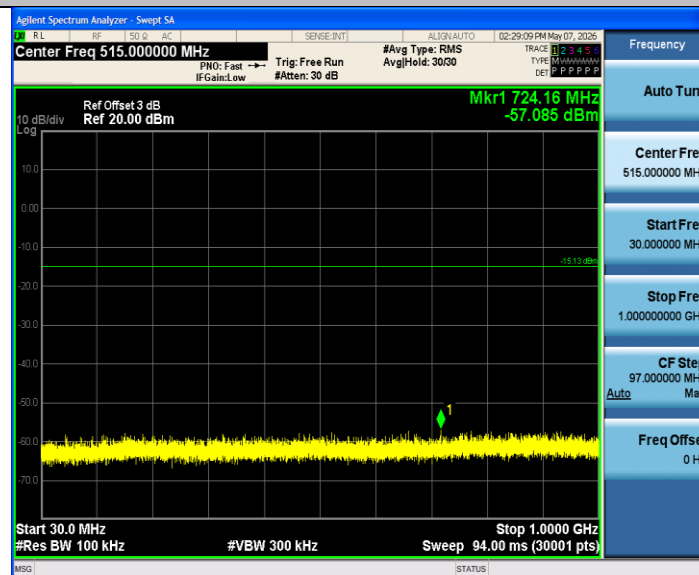
BLE_1M_Ant1_2480_30~1000



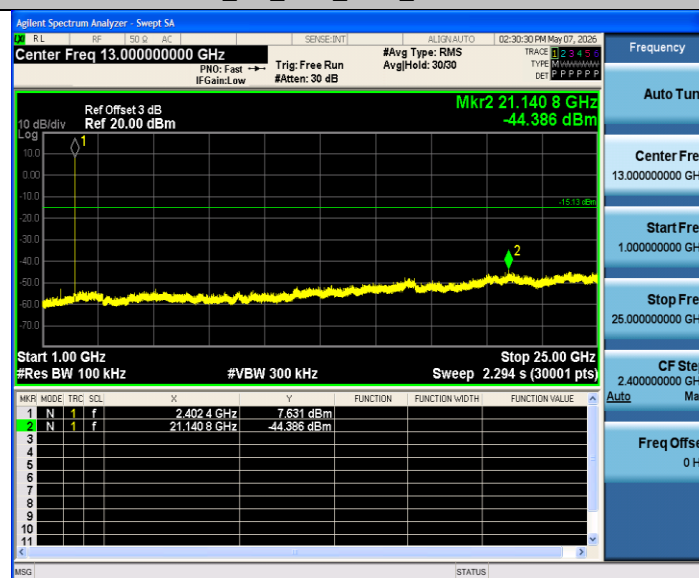
BLE_1M_Ant1_2480_1000~25000



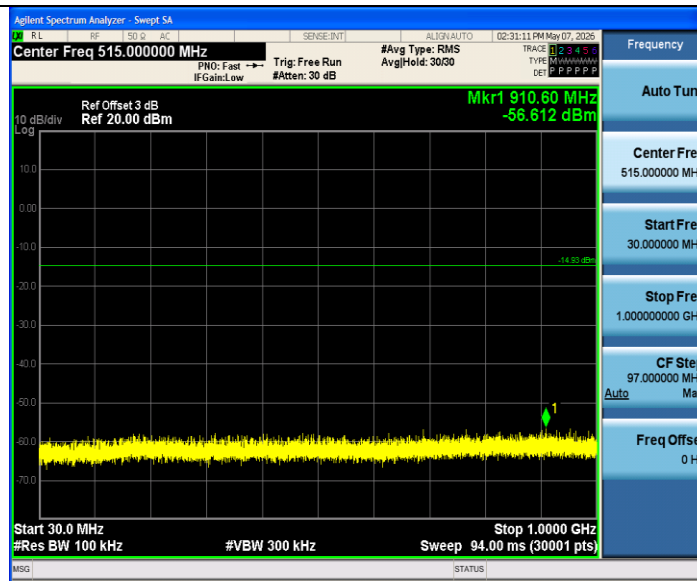
BLE_2M_Ant1_2402_30~1000



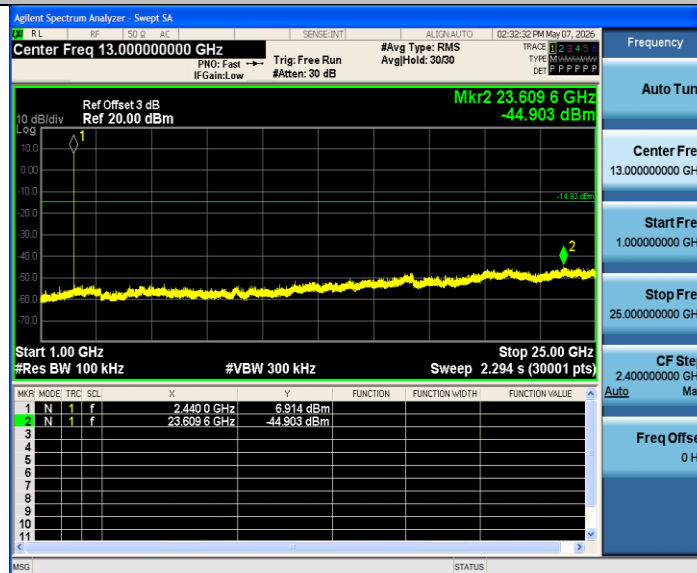
BLE_2M_Ant1_2402_1000~25000



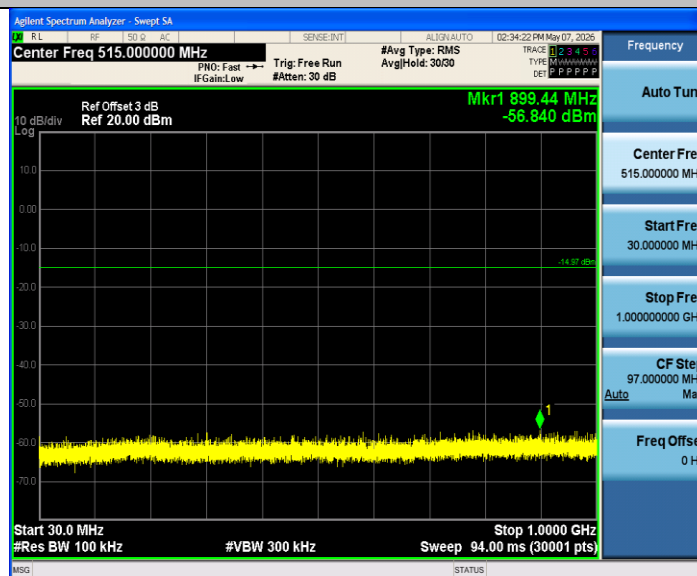
BLE_2M_Ant1_2440_30~1000



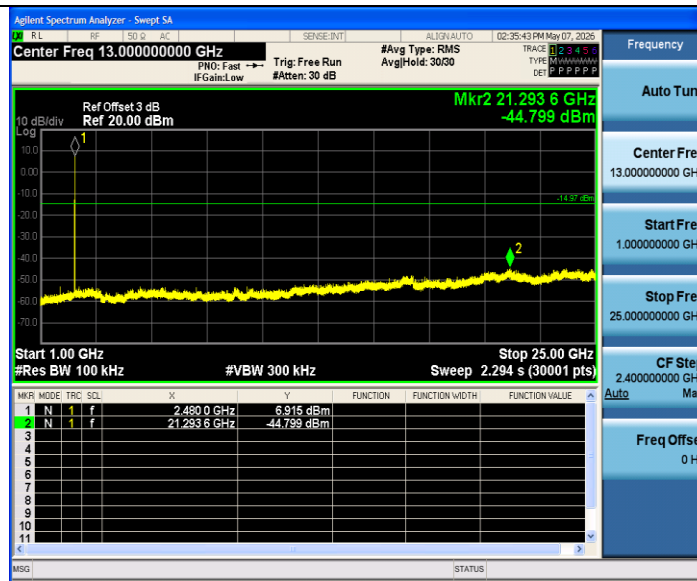
BLE_2M_Ant1_2440_1000~25000



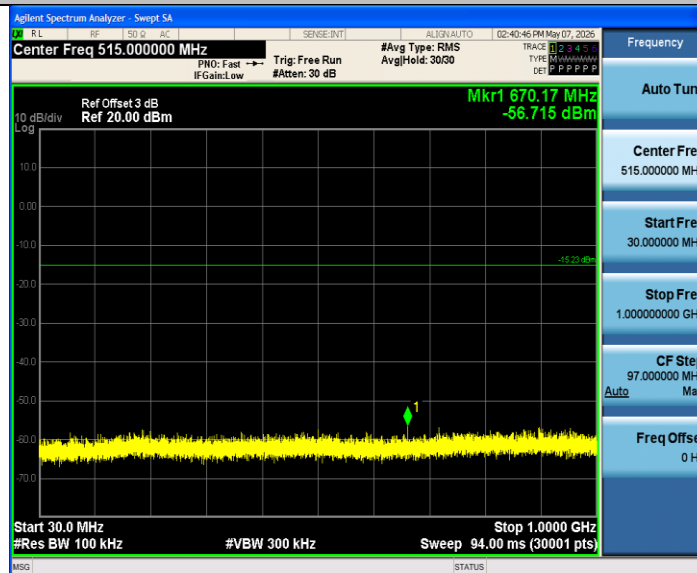
BLE_2M_Ant1_2480_30~1000



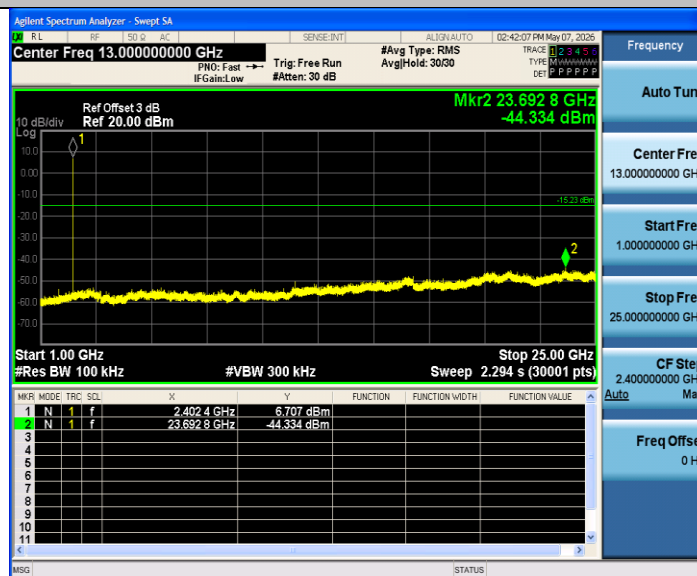
BLE_2M_Ant1_2480_1000~25000



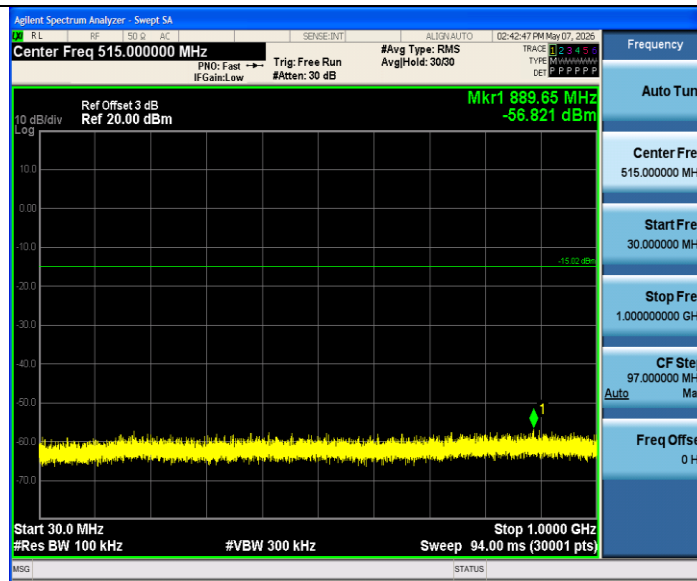
BLE_125K_Ant1_2402_30~1000



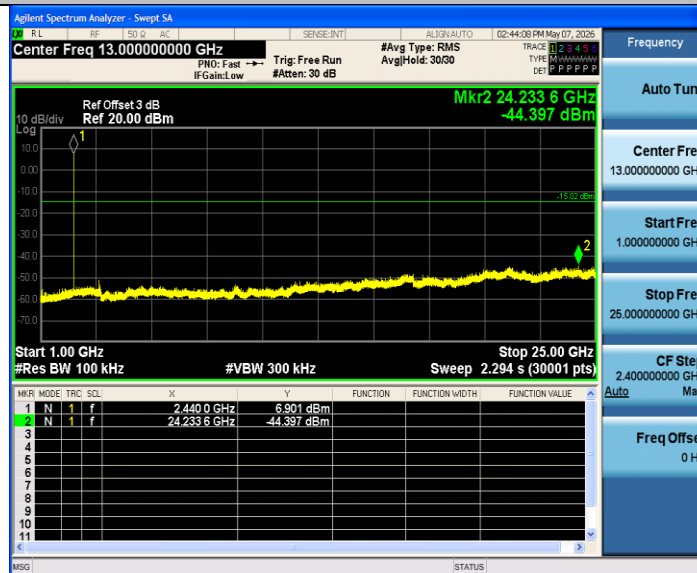
BLE_125K_Ant1_2402_1000~25000



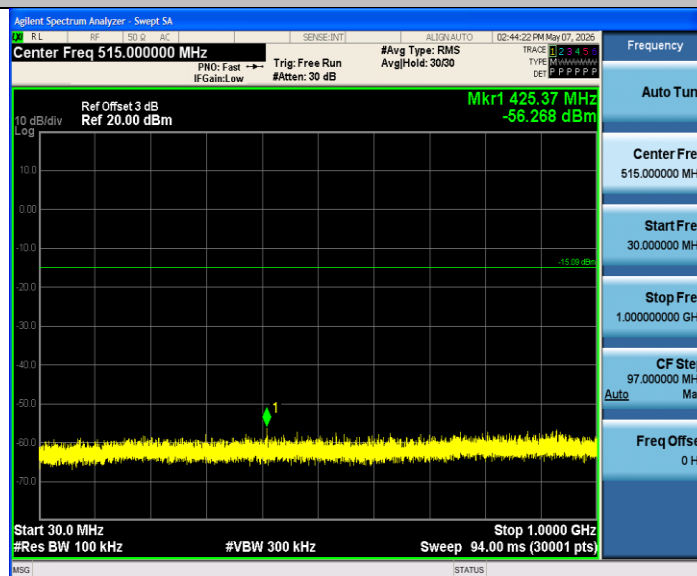
BLE_125K_Ant1_2440_30~1000



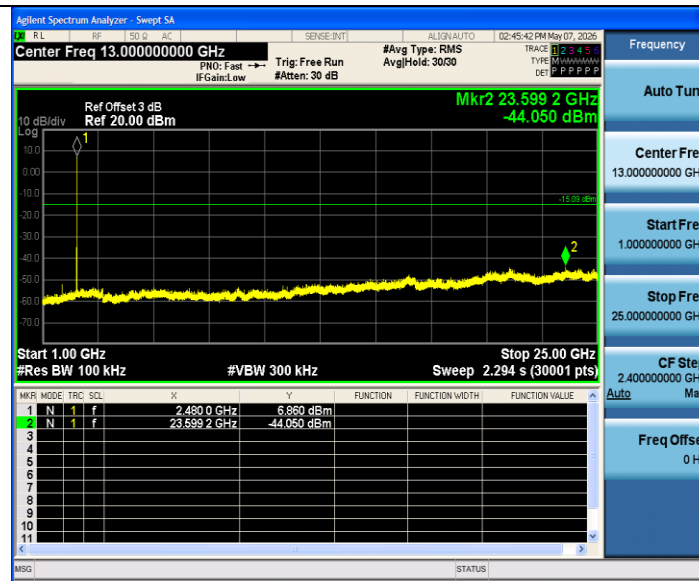
BLE_125K_Ant1_2440_1000~25000



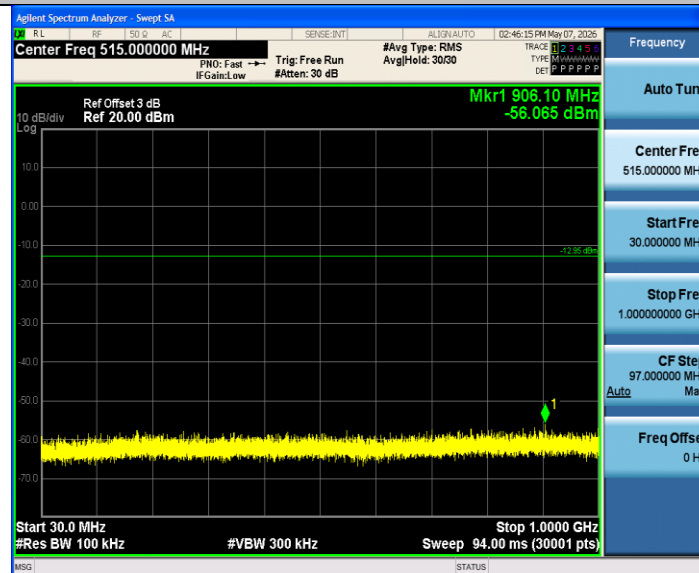
BLE_125K_Ant1_2480_30~1000



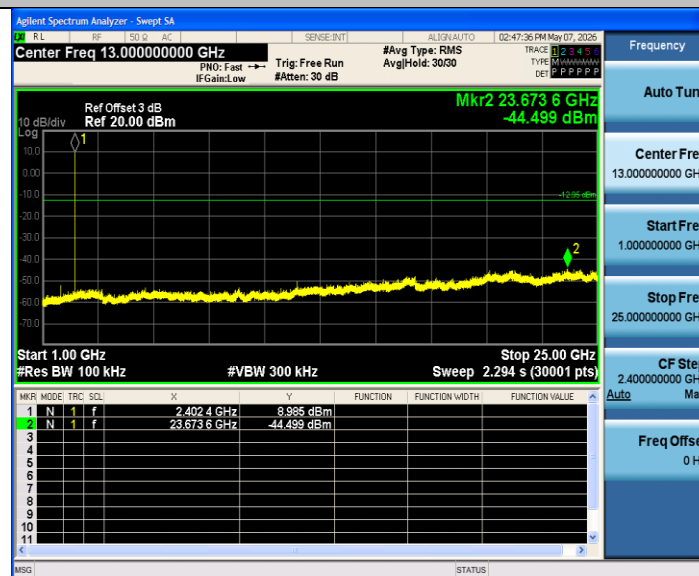
BLE_125K_Ant1_2480_1000~25000



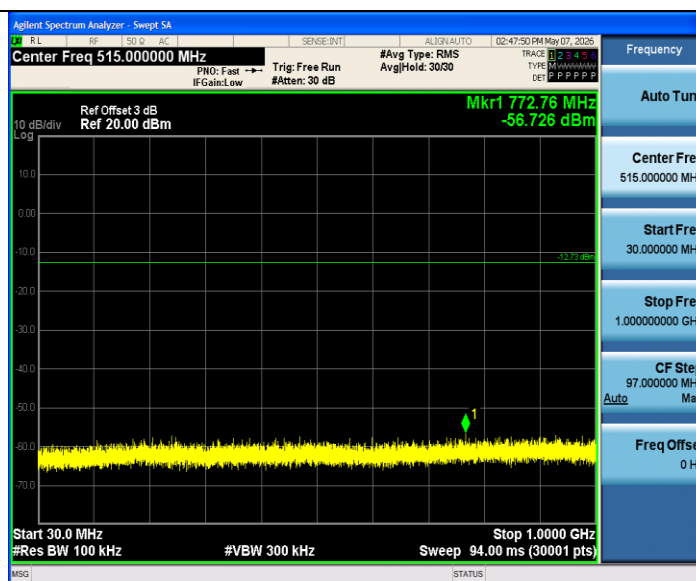
BLE_500K_Ant1_2402_30~1000



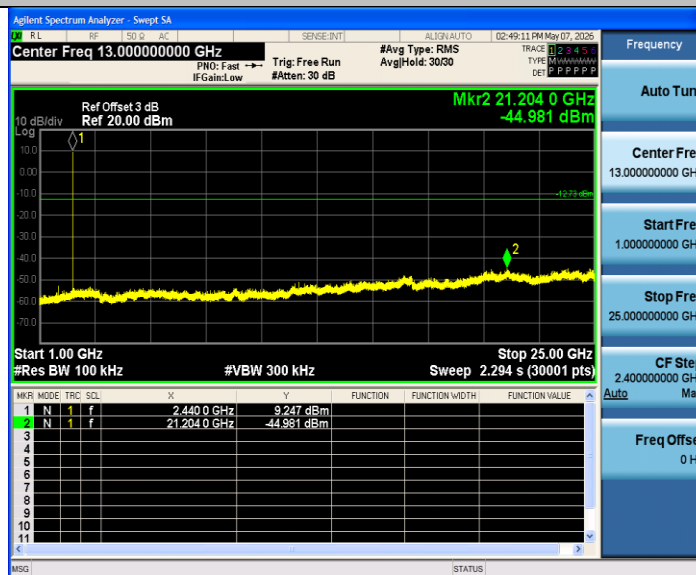
BLE_500K_Ant1_2402_1000~25000



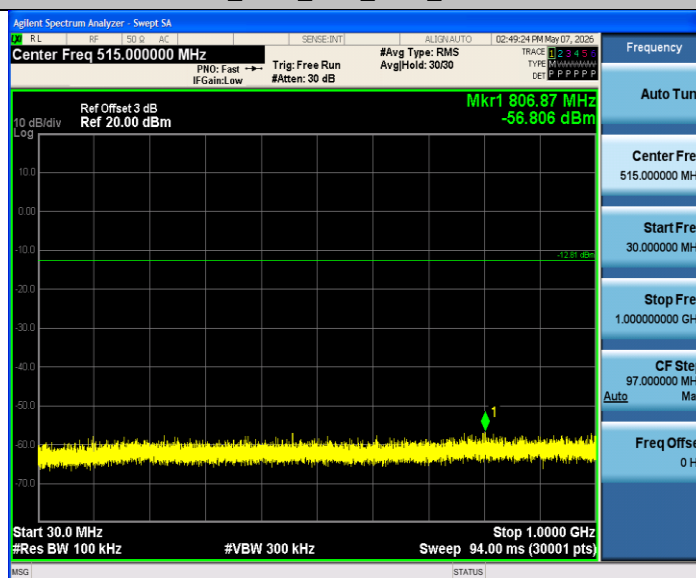
BLE_500K_Ant1_2440_30~1000



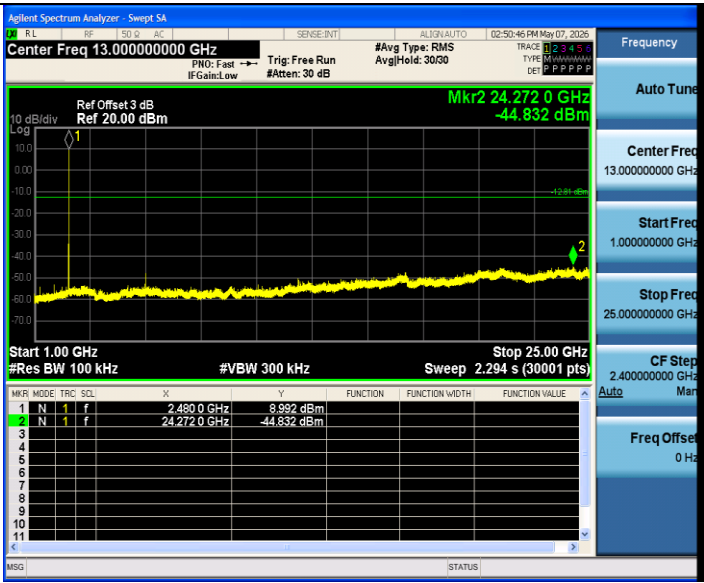
BLE_500K_Ant1_2440_1000~25000



BLE_500K_Ant1_2480_30~1000



BLE_500K_Ant1_2480_1000~25000

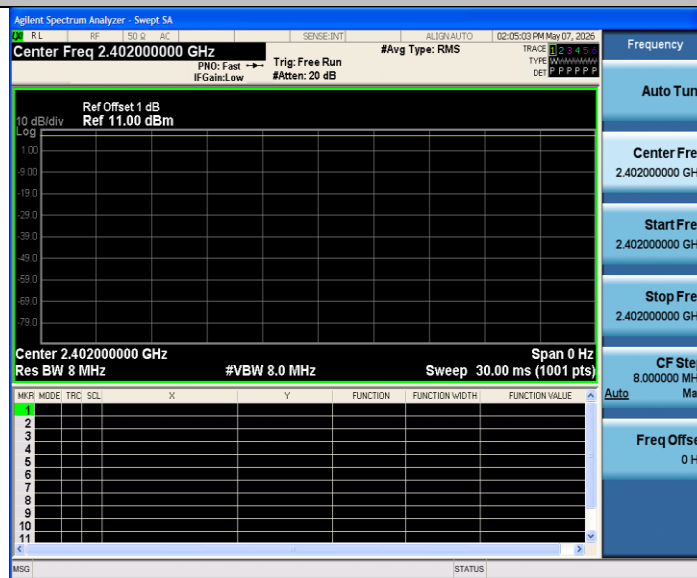


Note: Offset = Cable loss.

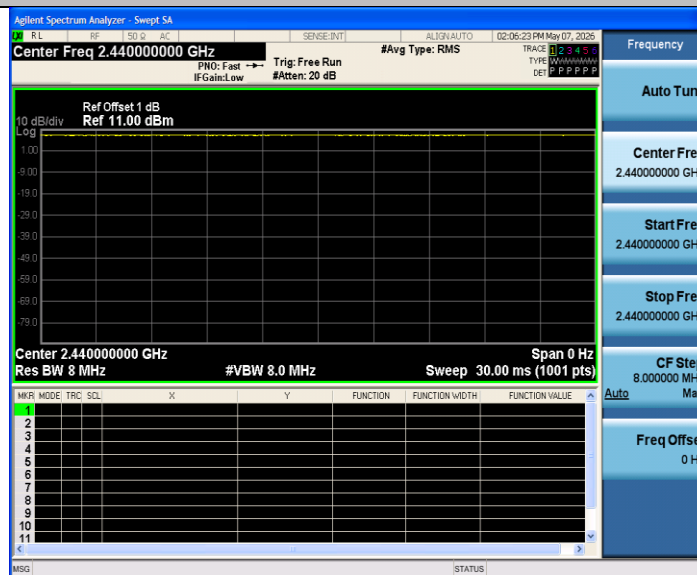
Appendix G: Duty Cycle

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

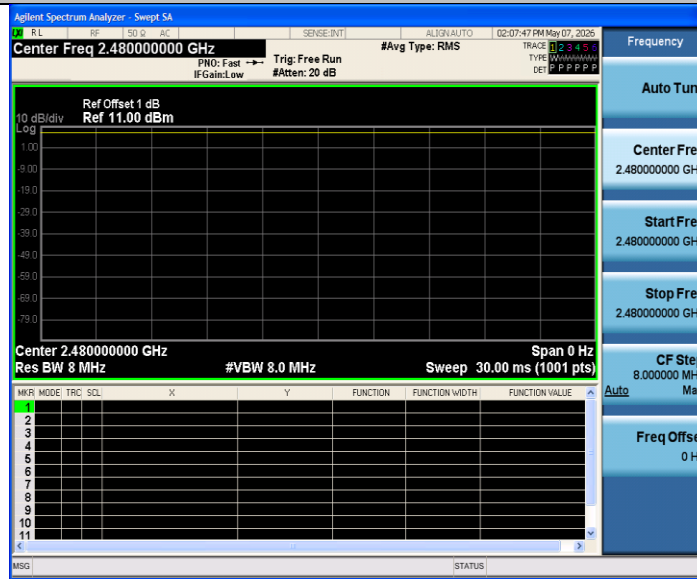
BLE_1M_Ant1_2402



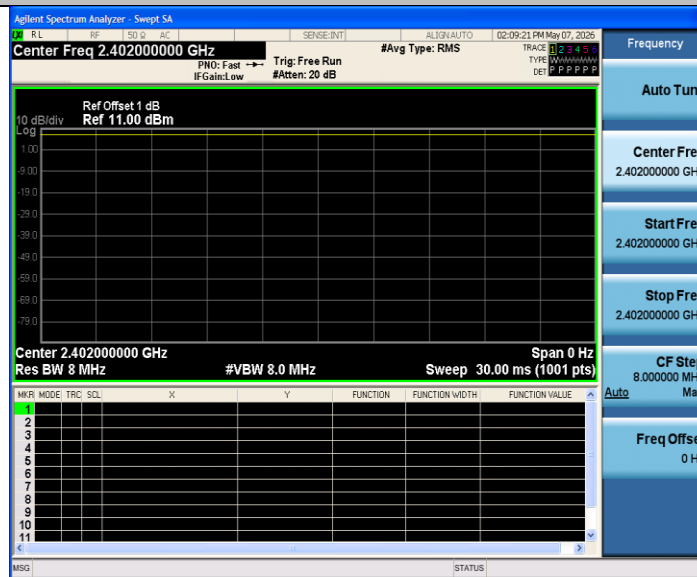
BLE_1M_Ant1_2440



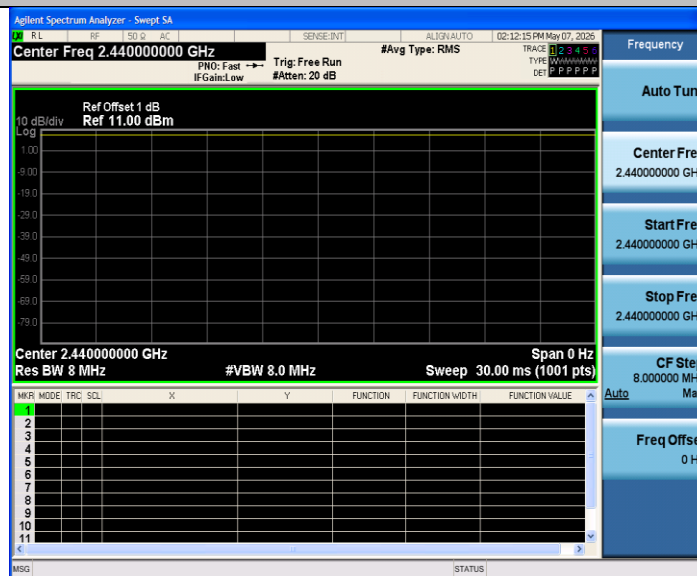
BLE_1M_Ant1_2480



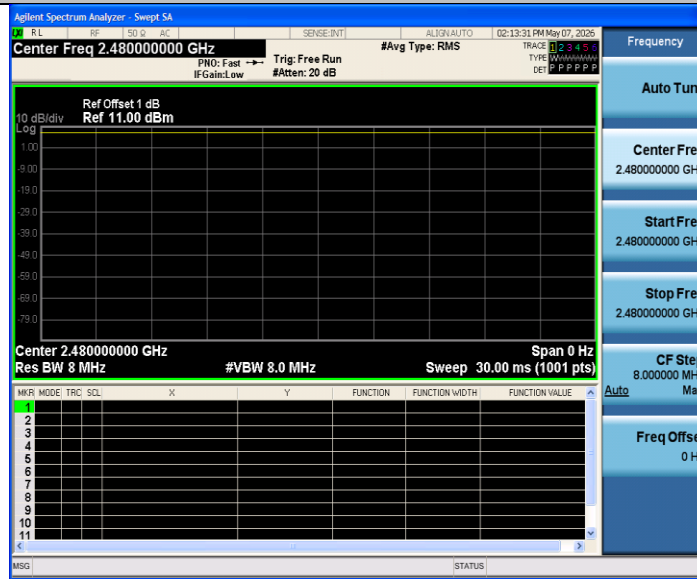
BLE_2M_Ant1_2402



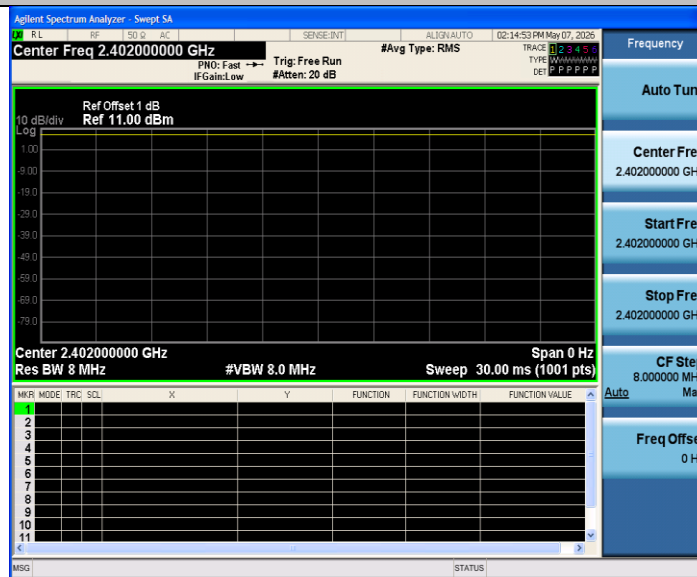
BLE_2M_Ant1_2440



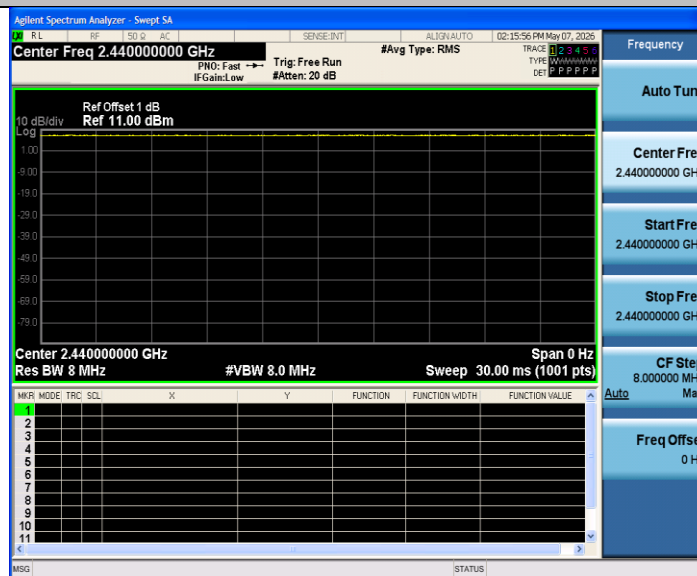
BLE_2M_Ant1_2480



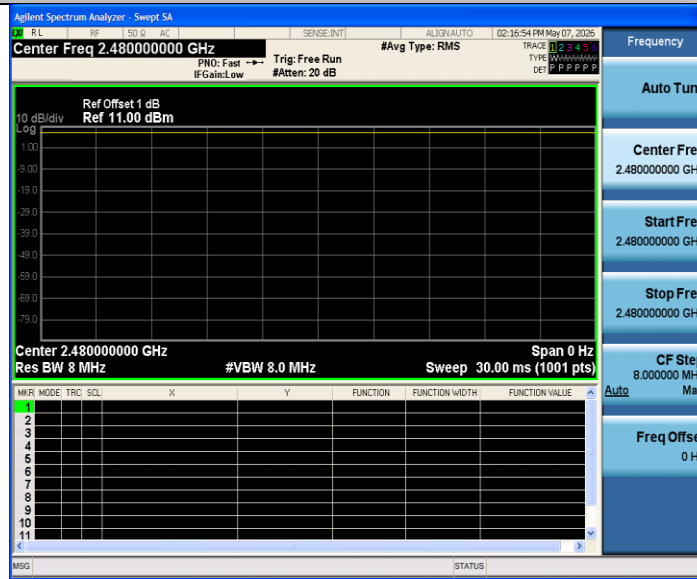
BLE_125K_Ant1_2402



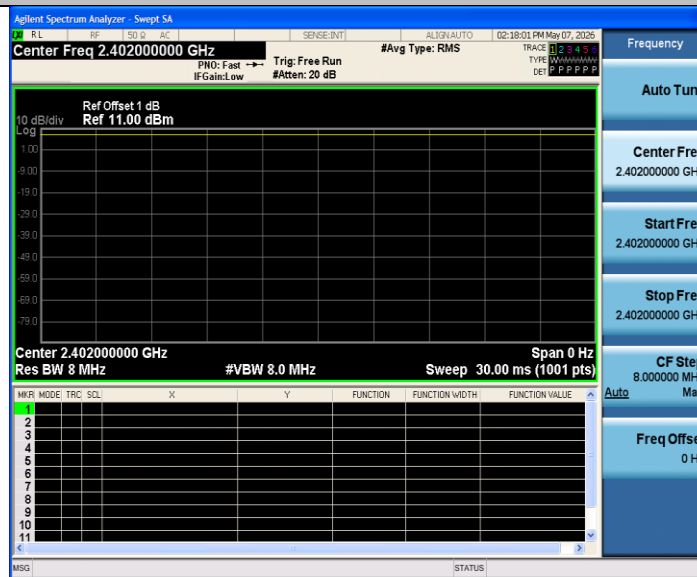
BLE_125K_Ant1_2440



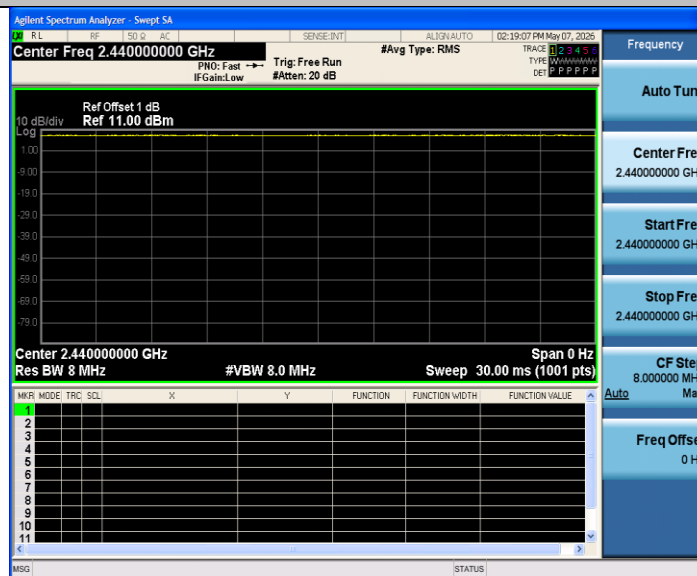
BLE_125K_Ant1_2480



BLE_500K_Ant1_2402

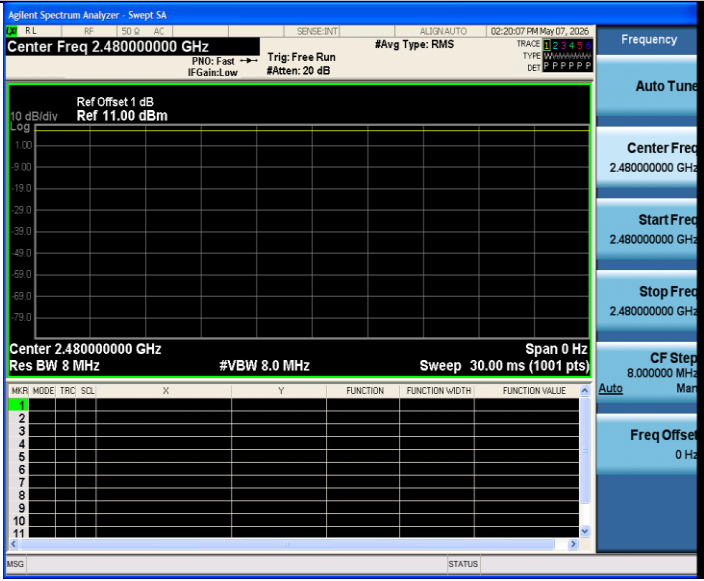


BLE_500K_Ant1_2440





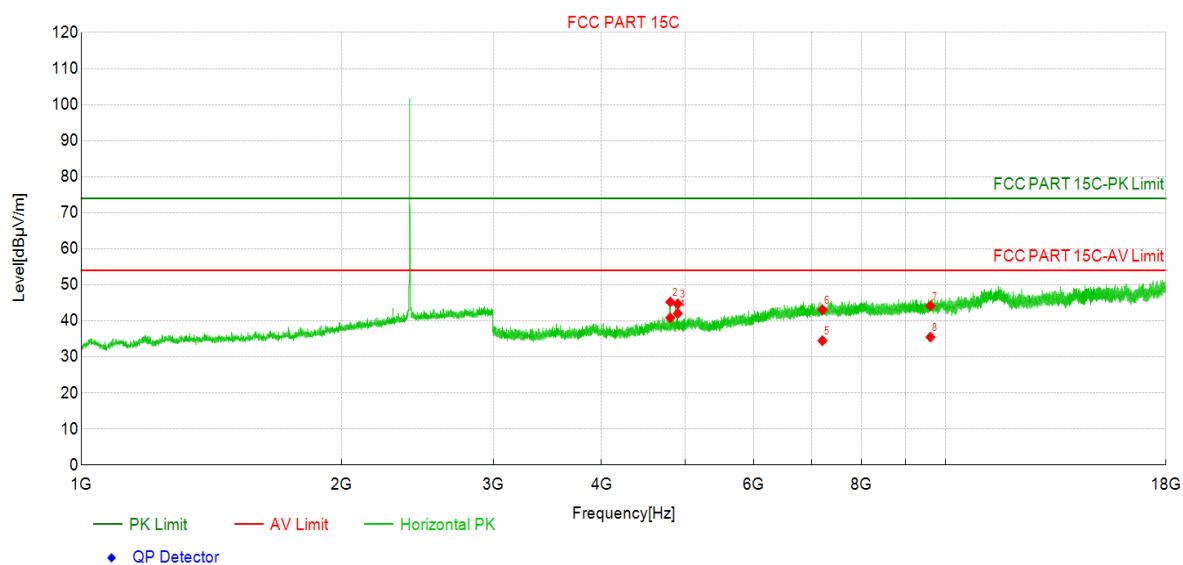
BLE_500K_Ant1_2480



Appendix H: Emissions in Restricted Bands

Transmit at 2402MHz by LE_1Mbps

Test Graph

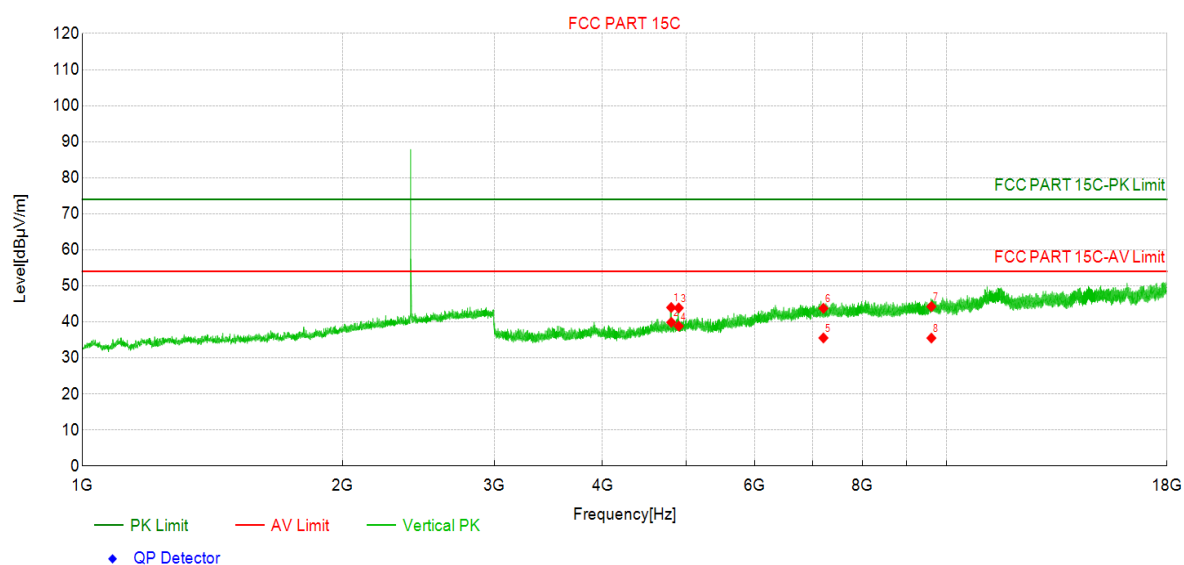


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.8	40.84	-8.960	54.00	13.16	AV	Horizo	PASS
2	4804.50	54.2	45.25	-8.960	74.00	28.75	PK	Horizo	PASS
3	4900.50	53.2	44.73	-8.470	74.00	29.27	PK	Horizo	PASS
4	4901.00	50.5	42.07	-8.470	54.00	11.93	AV	Horizo	PASS
5	7206.00	36.6	34.51	-2.130	54.00	19.49	AV	Horizo	PASS
6	7206.00	45.2	43.07	-2.130	74.00	30.93	PK	Horizo	PASS
7	9608.00	43.4	44.15	0.760	74.00	29.85	PK	Horizo	PASS
8	9608.00	34.8	35.51	0.760	54.00	18.49	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

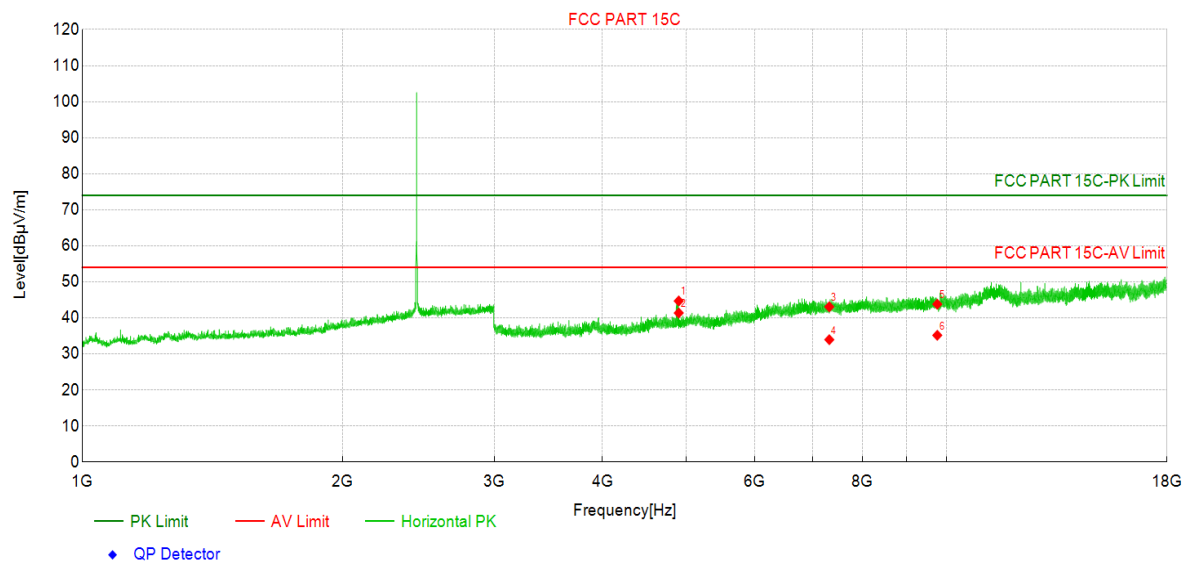


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4803.50	53.0	43.99	-8.970	74.00	30.01	PK	Vertic	PASS
2	4804.50	48.8	39.88	-8.960	54.00	14.12	AV	Vertic	PASS
3	4900.50	52.3	43.87	-8.470	74.00	30.13	PK	Vertic	PASS
4	4901.00	47.3	38.83	-8.470	54.00	15.17	AV	Vertic	PASS
5	7206.00	37.7	35.54	-2.130	54.00	18.46	AV	Vertic	PASS
6	7206.00	45.9	43.77	-2.130	74.00	30.23	PK	Vertic	PASS
7	9608.00	43.5	44.26	0.760	74.00	29.74	PK	Vertic	PASS
8	9608.00	34.8	35.52	0.760	54.00	18.48	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

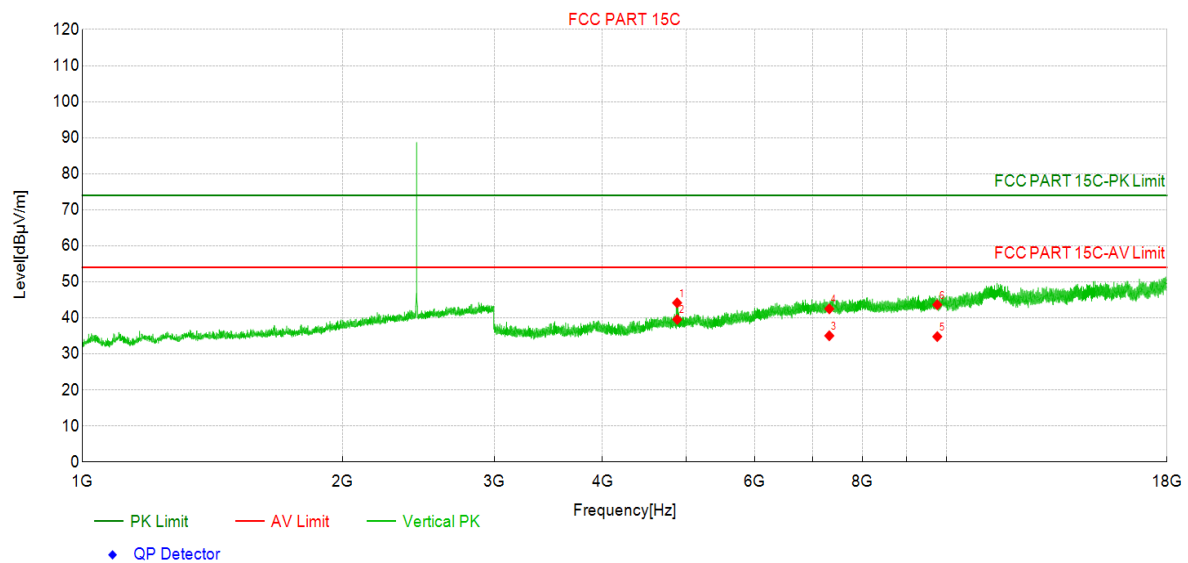


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	53.2	44.69	-8.470	74.00	29.31	PK	Horizo	PASS
2	4901.00	49.8	41.37	-8.470	54.00	12.63	AV	Horizo	PASS
3	7320.00	45.0	43.08	-1.890	74.00	30.92	PK	Horizo	PASS
4	7320.00	35.8	33.95	-1.890	54.00	20.05	AV	Horizo	PASS
5	9760.00	43.0	43.80	0.830	74.00	30.20	PK	Horizo	PASS
6	9760.00	34.3	35.17	0.830	54.00	18.83	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

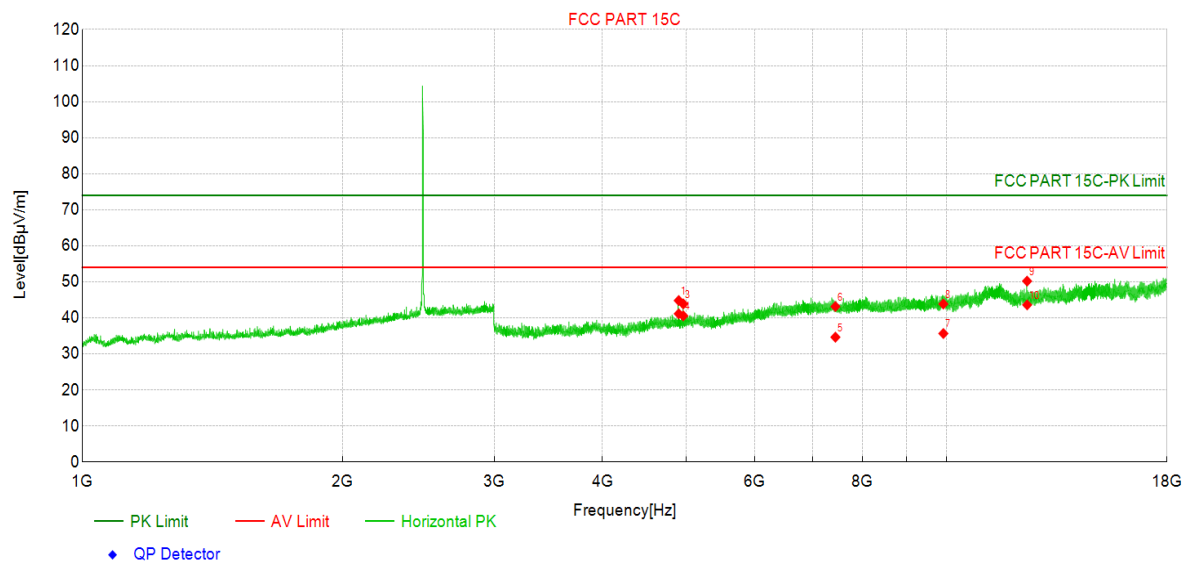


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.50	52.8	44.18	-8.600	74.00	29.82	PK	Vertic	PASS
2	4880.50	48.2	39.57	-8.580	54.00	14.43	AV	Vertic	PASS
3	7320.00	36.9	35.04	-1.890	54.00	18.96	AV	Vertic	PASS
4	7320.00	44.4	42.51	-1.890	74.00	31.49	PK	Vertic	PASS
5	9760.00	34.0	34.81	0.830	54.00	19.19	AV	Vertic	PASS
6	9760.00	42.8	43.65	0.830	74.00	30.35	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

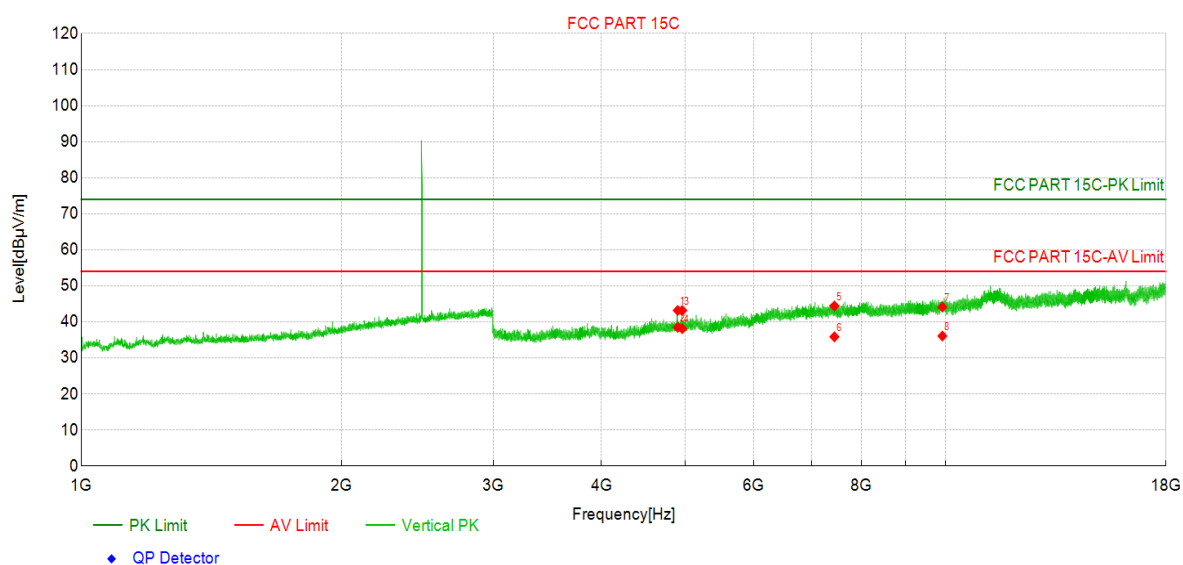


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	53.3	44.82	-8.470	74.00	29.18	PK	Horizo	PASS
2	4901.00	49.6	41.14	-8.470	54.00	12.86	AV	Horizo	PASS
3	4960.50	52.1	43.88	-8.250	74.00	30.12	PK	Horizo	PASS
4	4960.50	48.8	40.57	-8.250	54.00	13.43	AV	Horizo	PASS
5	7440.00	36.3	34.64	-1.690	54.00	19.36	AV	Horizo	PASS
6	7440.00	44.9	43.16	-1.690	74.00	30.84	PK	Horizo	PASS
7	9920.00	34.0	35.67	1.690	54.00	18.33	AV	Horizo	PASS
8	9920.00	42.2	43.86	1.690	74.00	30.14	PK	Horizo	PASS
9	12398.50	43.5	50.21	6.710	74.00	23.79	PK	Horizo	PASS
10	12401.50	36.9	43.61	6.720	54.00	10.39	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

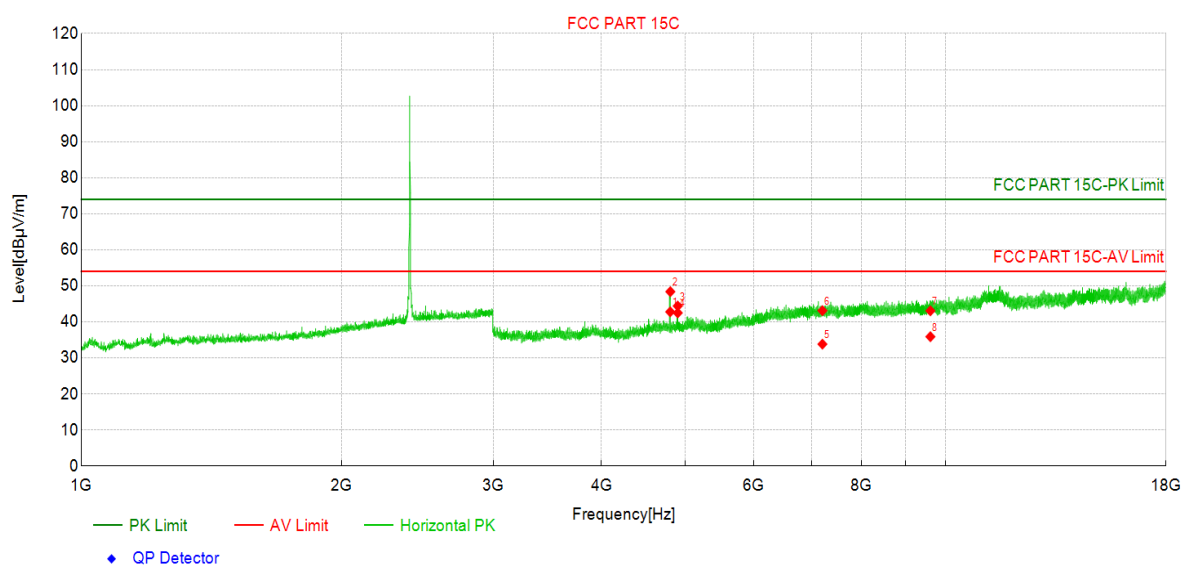


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	51.7	43.19	-8.470	74.00	30.81	PK	Vertic	PASS
2	4901.00	46.9	38.47	-8.470	54.00	15.53	AV	Vertic	PASS
3	4959.50	51.4	43.17	-8.250	74.00	30.83	PK	Vertic	PASS
4	4960.50	46.4	38.13	-8.250	54.00	15.87	AV	Vertic	PASS
5	7440.00	46.1	44.42	-1.690	74.00	29.58	PK	Vertic	PASS
6	7440.00	37.6	35.86	-1.690	54.00	18.14	AV	Vertic	PASS
7	9920.00	42.5	44.14	1.690	74.00	29.86	PK	Vertic	PASS
8	9920.00	34.4	36.07	1.690	54.00	17.93	AV	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps

Test Graph

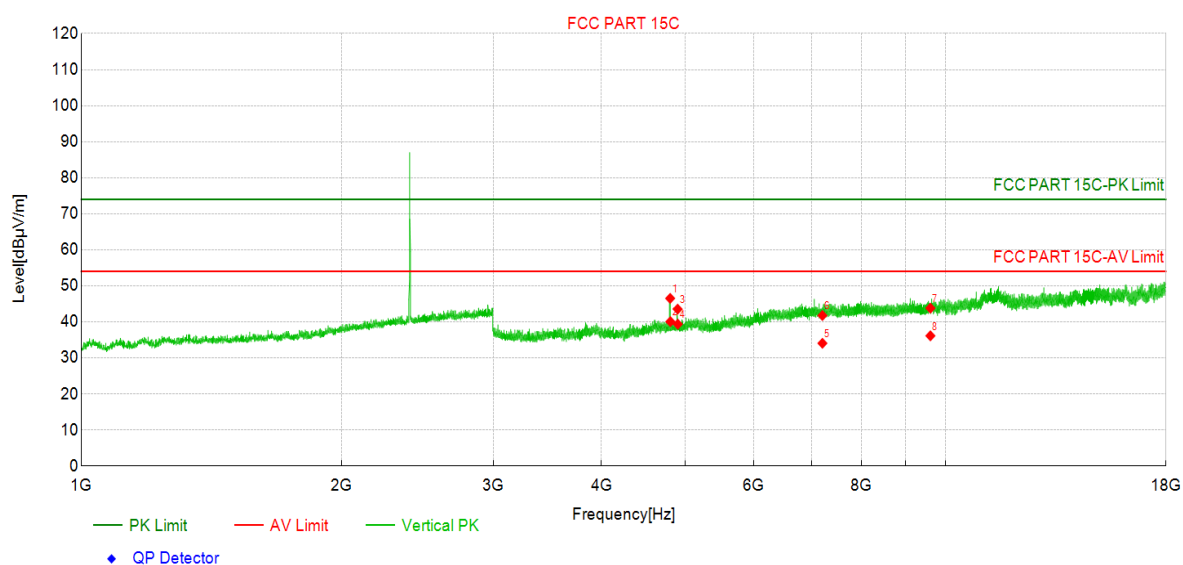


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4803.50	51.8	42.80	-8.970	54.00	11.20	AV	Horizo	PASS
2	4805.00	57.4	48.39	-8.960	74.00	25.61	PK	Horizo	PASS
3	4900.50	52.9	44.41	-8.470	74.00	29.59	PK	Horizo	PASS
4	4901.00	51.0	42.49	-8.470	54.00	11.51	AV	Horizo	PASS
5	7206.00	36.0	33.83	-2.130	54.00	20.17	AV	Horizo	PASS
6	7206.00	45.3	43.13	-2.130	74.00	30.87	PK	Horizo	PASS
7	9608.00	42.3	43.08	0.760	74.00	30.92	PK	Horizo	PASS
8	9608.00	35.1	35.90	0.760	54.00	18.10	AV	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps

Test Graph

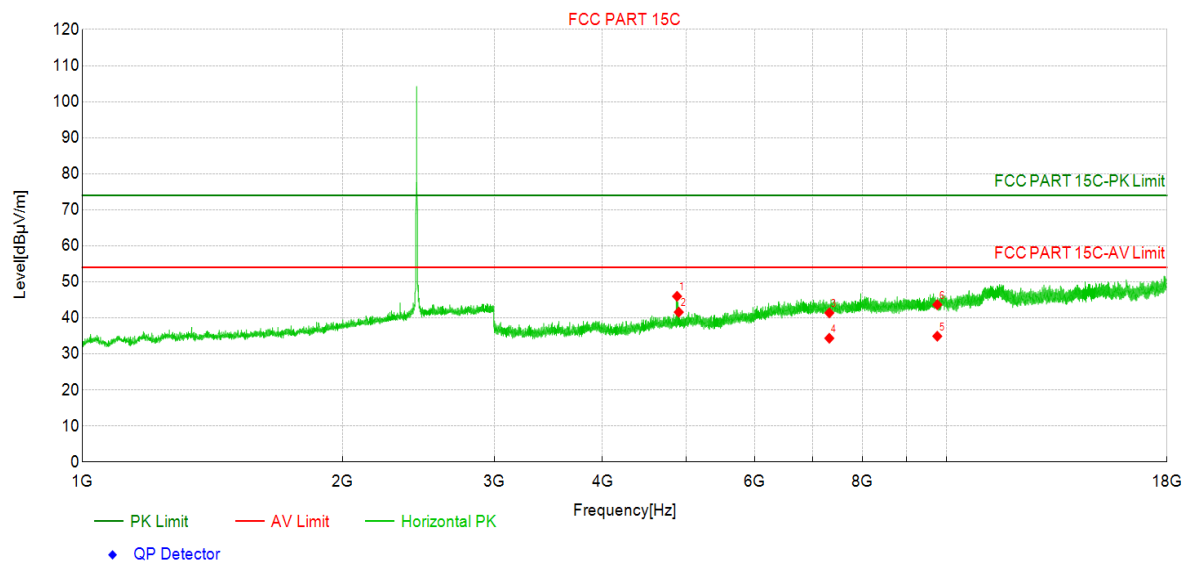


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4803.00	55.5	46.53	-8.970	74.00	27.47	PK	Vertic	PASS
2	4805.50	49.0	40.07	-8.950	54.00	13.93	AV	Vertic	PASS
3	4900.00	52.0	43.54	-8.470	74.00	30.46	PK	Vertic	PASS
4	4901.00	47.9	39.38	-8.470	54.00	14.62	AV	Vertic	PASS
5	7206.00	36.2	34.06	-2.130	54.00	19.94	AV	Vertic	PASS
6	7206.00	43.9	41.77	-2.130	74.00	32.23	PK	Vertic	PASS
7	9608.00	43.1	43.81	0.760	74.00	30.19	PK	Vertic	PASS
8	9608.00	35.4	36.14	0.760	54.00	17.86	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

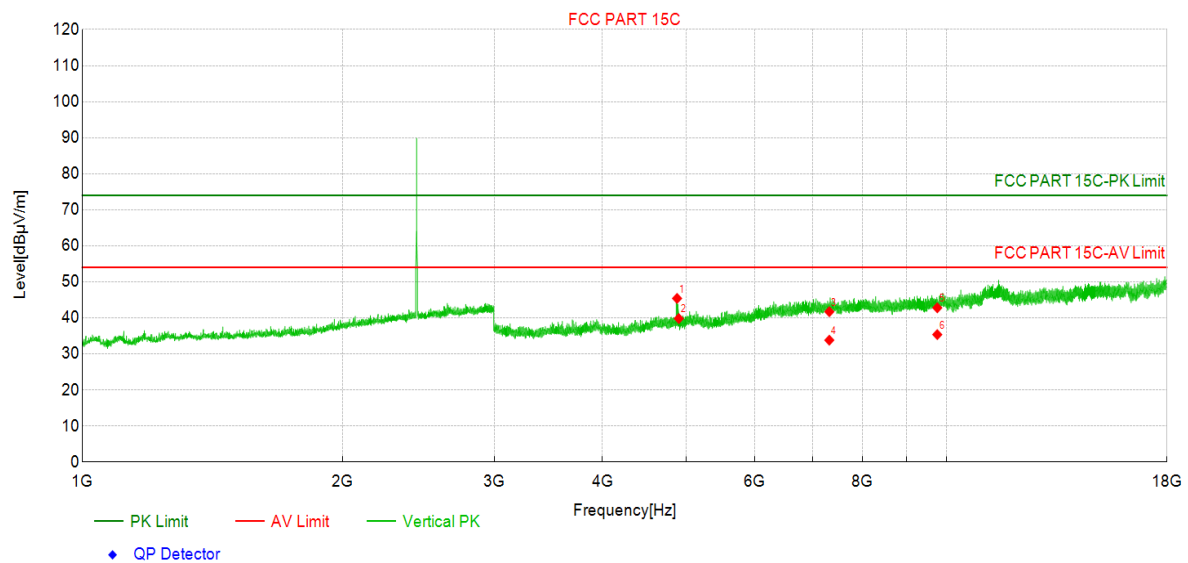


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.00	54.6	45.98	-8.600	74.00	28.02	PK	Horizo	PASS
2	4901.00	50.1	41.60	-8.470	54.00	12.40	AV	Horizo	PASS
3	7320.00	43.3	41.39	-1.890	74.00	32.61	PK	Horizo	PASS
4	7320.00	36.2	34.35	-1.890	54.00	19.65	AV	Horizo	PASS
5	9760.00	34.1	34.91	0.830	54.00	19.09	AV	Horizo	PASS
6	9760.00	42.8	43.66	0.830	74.00	30.34	PK	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

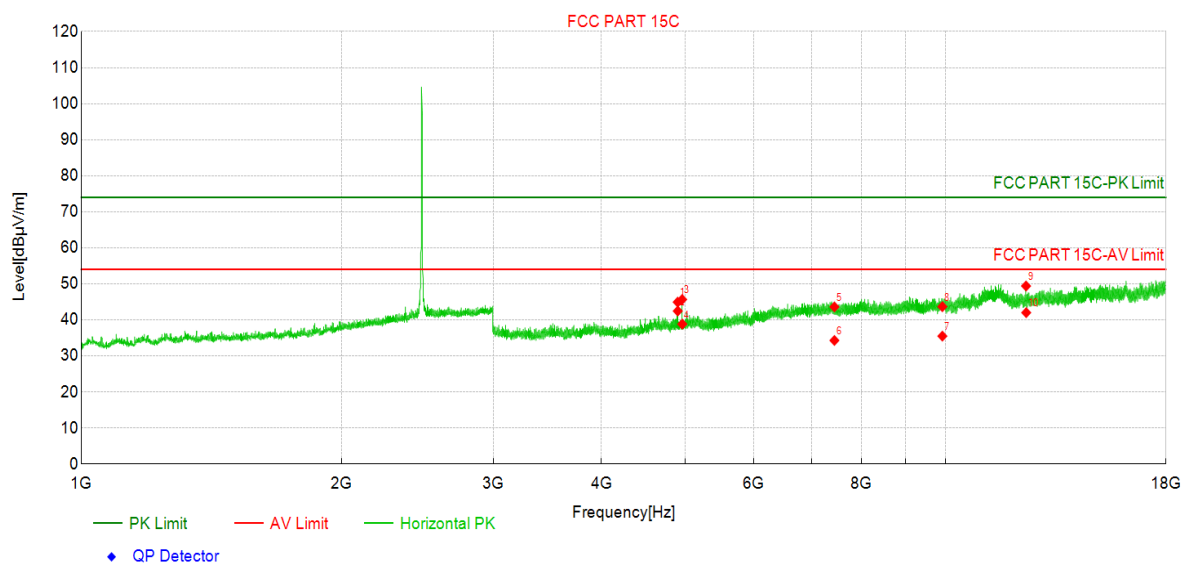


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.00	54.0	45.40	-8.600	74.00	28.60	PK	Vertic	PASS
2	4901.00	48.3	39.83	-8.470	54.00	14.17	AV	Vertic	PASS
3	7320.00	43.6	41.72	-1.890	74.00	32.28	PK	Vertic	PASS
4	7320.00	35.7	33.82	-1.890	54.00	20.18	AV	Vertic	PASS
5	9760.00	42.0	42.80	0.830	74.00	31.20	PK	Vertic	PASS
6	9760.00	34.5	35.37	0.830	54.00	18.63	AV	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph

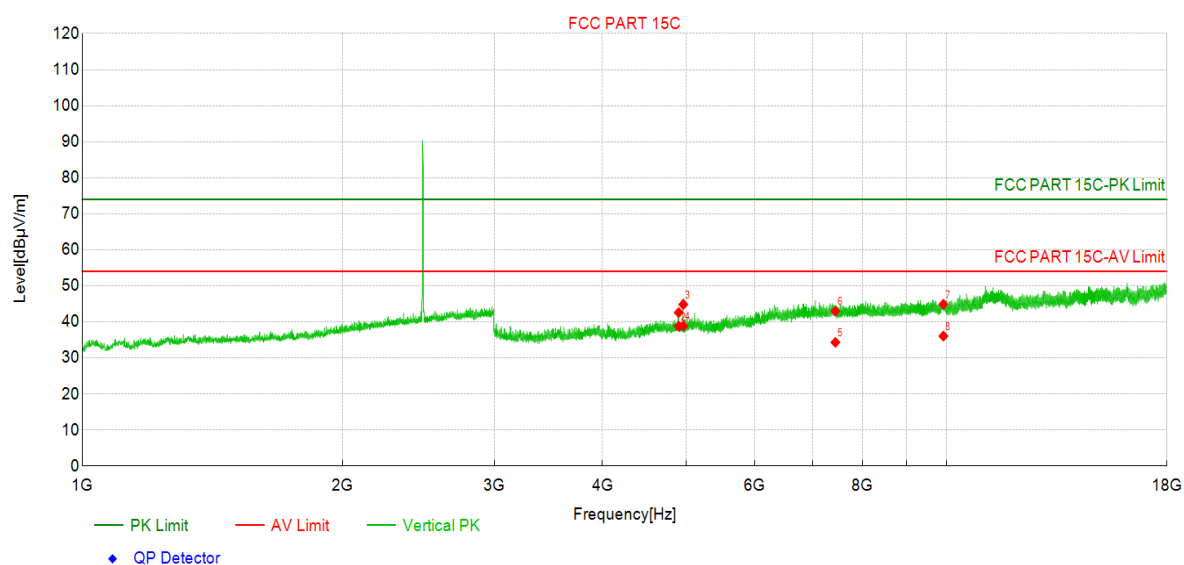


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	53.4	44.93	-8.470	74.00	29.07	PK	Horizo	PASS
2	4901.00	50.9	42.46	-8.470	54.00	11.54	AV	Horizo	PASS
3	4959.00	53.9	45.66	-8.250	74.00	28.34	PK	Horizo	PASS
4	4961.00	47.1	38.83	-8.250	54.00	15.17	AV	Horizo	PASS
5	7440.00	45.3	43.61	-1.690	74.00	30.39	PK	Horizo	PASS
6	7440.00	36.0	34.29	-1.690	54.00	19.71	AV	Horizo	PASS
7	9920.00	33.8	35.50	1.690	54.00	18.50	AV	Horizo	PASS
8	9920.00	42.0	43.67	1.690	74.00	30.33	PK	Horizo	PASS
9	12397.50	42.7	49.40	6.710	74.00	24.60	PK	Horizo	PASS
10	12403.00	35.3	42.01	6.730	54.00	11.99	AV	Horizo	PASS

Transmit at 2480MHz by LE_2Mbps

Test Graph

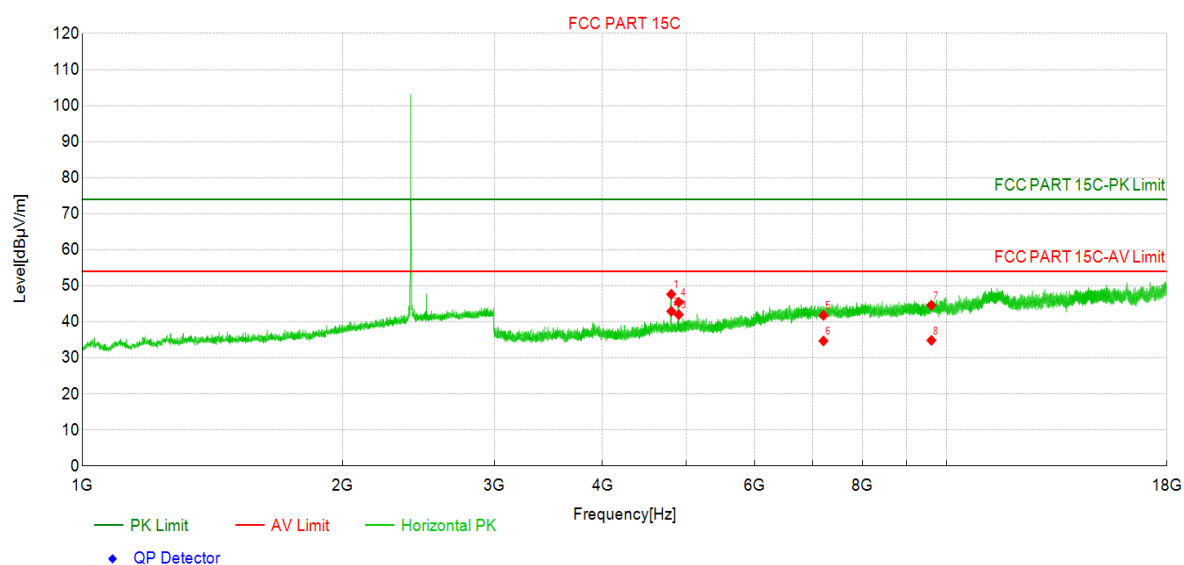


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4900.50	51.1	42.60	-8.470	74.00	31.40	PK	Vertic	PASS
2	4901.00	47.3	38.80	-8.470	54.00	15.20	AV	Vertic	PASS
3	4961.00	53.1	44.83	-8.250	74.00	29.17	PK	Vertic	PASS
4	4961.00	47.1	38.88	-8.250	54.00	15.12	AV	Vertic	PASS
5	7440.00	36.0	34.32	-1.690	54.00	19.68	AV	Vertic	PASS
6	7440.00	44.7	42.98	-1.690	74.00	31.02	PK	Vertic	PASS
7	9920.00	43.2	44.89	1.690	74.00	29.11	PK	Vertic	PASS
8	9920.00	34.4	36.06	1.690	54.00	17.94	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	4803.50	56.6	47.67	-8.970	74.00	26.33	PK	Horizo	PASS
2	4804.50	51.9	42.94	-8.960	54.00	11.06	AV	Horizo	PASS
3	4901.00	50.5	42.01	-8.470	54.00	11.99	AV	Horizo	PASS
4	4901.00	53.9	45.44	-8.470	74.00	28.56	PK	Horizo	PASS
5	7206.00	44.0	41.83	-2.130	74.00	32.17	PK	Horizo	PASS
6	7206.00	36.8	34.70	-2.130	54.00	19.30	AV	Horizo	PASS
7	9608.00	43.9	44.61	0.760	74.00	29.39	PK	Horizo	PASS
8	9608.00	34.1	34.88	0.760	54.00	19.12	AV	Horizo	PASS