

Mode:		$\pi/4$ DQPSK Transmitting			Channel:		2441		
Remark:									
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1196.01	0.80	43.38	44.18	74.00	29.82	PASS	Horizontal	PK
2	1789.87	3.25	42.37	45.62	74.00	28.38	PASS	Horizontal	PK
3	4882.12	-16.21	62.86	46.65	74.00	27.35	PASS	Horizontal	PK
4	7191.27	-11.82	52.96	41.14	74.00	32.86	PASS	Horizontal	PK
5	9763.45	-7.50	53.26	45.76	74.00	28.24	PASS	Horizontal	PK
6	11898.5	-5.83	52.97	47.14	74.00	26.86	PASS	Horizontal	PK
7	1115.81	0.84	43.70	44.54	74.00	29.46	PASS	Vertical	PK
8	1839.48	3.58	42.48	46.06	74.00	27.94	PASS	Vertical	PK
9	4882.12	-16.21	64.28	48.07	74.00	25.93	PASS	Vertical	PK
10	7322.28	-11.65	55.49	43.84	74.00	30.16	PASS	Vertical	PK
11	9764.45	-7.50	54.03	46.53	74.00	27.47	PASS	Vertical	PK
12	14383.7	0.95	48.02	48.97	74.00	25.03	PASS	Vertical	PK

Mode:		$\pi/4$ DQPSK Transmitting			Channel:		2480		
Remark:									
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1278.22	1.00	42.93	43.93	74.00	30.07	PASS	Horizontal	PK
2	1799.68	3.28	42.00	45.28	74.00	28.72	PASS	Horizontal	PK
3	4960.13	-15.97	58.22	42.25	74.00	31.75	PASS	Horizontal	PK
4	7213.28	-11.82	53.88	42.06	74.00	31.94	PASS	Horizontal	PK
5	10760.5	-6.32	51.89	45.57	74.00	28.43	PASS	Horizontal	PK
6	13840.7	-1.77	49.37	47.60	74.00	26.40	PASS	Horizontal	PK
7	1355.43	1.24	43.28	44.52	74.00	29.48	PASS	Vertical	PK
8	1809.68	3.35	41.59	44.94	74.00	29.06	PASS	Vertical	PK
9	4960.13	-15.97	58.96	42.99	74.00	31.01	PASS	Vertical	PK
10	7755.31	-11.23	53.01	41.78	74.00	32.22	PASS	Vertical	PK
11	9920.46	-7.10	52.36	45.26	74.00	28.74	PASS	Vertical	PK
12	14382.7	0.93	47.84	48.77	74.00	25.23	PASS	Vertical	PK

Mode:		8DPSK Transmitting			Channel:		2402		
Remark:									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1194.01	0.80	43.17	43.97	74.00	30.03	PASS	Horizontal	PK
2	1799.27	3.28	41.85	45.13	74.00	28.87	PASS	Horizontal	PK
3	4804.12	-16.23	65.15	48.92	74.00	25.08	PASS	Horizontal	PK
4	7206.28	-11.83	54.43	42.60	74.00	31.40	PASS	Horizontal	PK
5	9608.44	-7.37	52.70	45.33	74.00	28.67	PASS	Horizontal	PK
6	11951.5	-5.53	52.48	46.95	74.00	27.05	PASS	Horizontal	PK
7	1280.82	1.01	42.65	43.66	74.00	30.34	PASS	Vertical	PK
8	1869.68	3.80	41.87	45.67	74.00	28.33	PASS	Vertical	PK
9	4804.12	-16.23	65.85	49.62	74.00	24.38	PASS	Vertical	PK
10	7206.28	-11.83	56.33	44.50	74.00	29.50	PASS	Vertical	PK
11	9608.44	-7.37	52.89	45.52	74.00	28.48	PASS	Vertical	PK
12	12807.6	-4.20	51.17	46.97	74.00	27.03	PASS	Vertical	PK

Mode:		8DPSK Transmitting			Channel:		2441		
Remark:									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1380.23	1.32	42.61	43.93	74.00	30.07	PASS	Horizontal	PK
2	1794.27	3.26	42.95	46.21	74.00	27.79	PASS	Horizontal	PK
3	4882.12	-16.21	63.59	47.38	74.00	26.62	PASS	Horizontal	PK
4	7323.28	-11.65	53.51	41.86	74.00	32.14	PASS	Horizontal	PK
5	9764.45	-7.50	54.25	46.75	74.00	27.25	PASS	Horizontal	PK
6	12479.6	-4.80	51.67	46.87	74.00	27.13	PASS	Horizontal	PK
7	1311.03	1.10	42.75	43.85	74.00	30.15	PASS	Vertical	PK
8	1733.27	3.05	41.99	45.04	74.00	28.96	PASS	Vertical	PK
9	4882.12	-16.21	65.91	49.70	74.00	24.30	PASS	Vertical	PK
10	7322.28	-11.65	55.31	43.66	74.00	30.34	PASS	Vertical	PK
11	9763.45	-7.50	52.67	45.17	74.00	28.83	PASS	Vertical	PK
12	12478.6	-4.80	51.50	46.70	74.00	27.30	PASS	Vertical	PK

Mode:		8DPSK Transmitting			Channel:		2480		
Remark:									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1193.81	0.80	42.96	43.76	74.00	30.24	PASS	Horizontal	PK
2	1779.07	3.21	42.28	45.49	74.00	28.51	PASS	Horizontal	PK
3	4960.13	-15.97	60.11	44.14	74.00	29.86	PASS	Horizontal	PK
4	7789.31	-11.34	53.27	41.93	74.00	32.07	PASS	Horizontal	PK
5	9920.46	-7.10	51.61	44.51	74.00	29.49	PASS	Horizontal	PK
6	13680.7	-1.74	48.80	47.06	74.00	26.94	PASS	Horizontal	PK
7	1309.63	1.09	42.67	43.76	74.00	30.24	PASS	Vertical	PK
8	1822.28	3.45	41.43	44.88	74.00	29.12	PASS	Vertical	PK
9	4960.13	-15.97	59.40	43.43	74.00	30.57	PASS	Vertical	PK
10	7440.29	-11.34	53.23	41.89	74.00	32.11	PASS	Vertical	PK
11	9920.46	-7.10	52.57	45.47	74.00	28.53	PASS	Vertical	PK
12	13820.7	-1.70	49.52	47.82	74.00	26.18	PASS	Vertical	PK

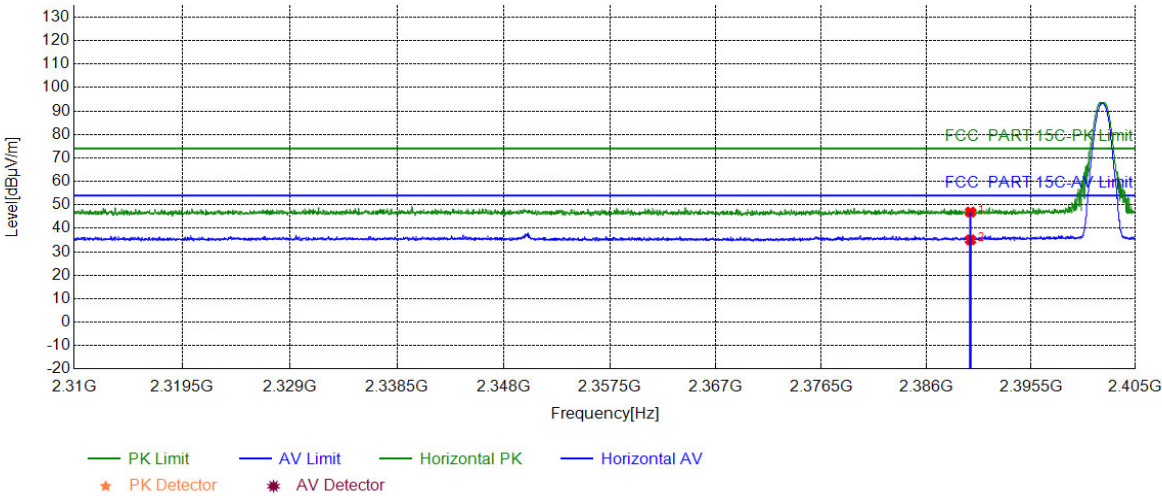
Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

Restricted bands:

Mode:	GFSK Transmitting	Channel:	2402
Remark:			

Test Graph

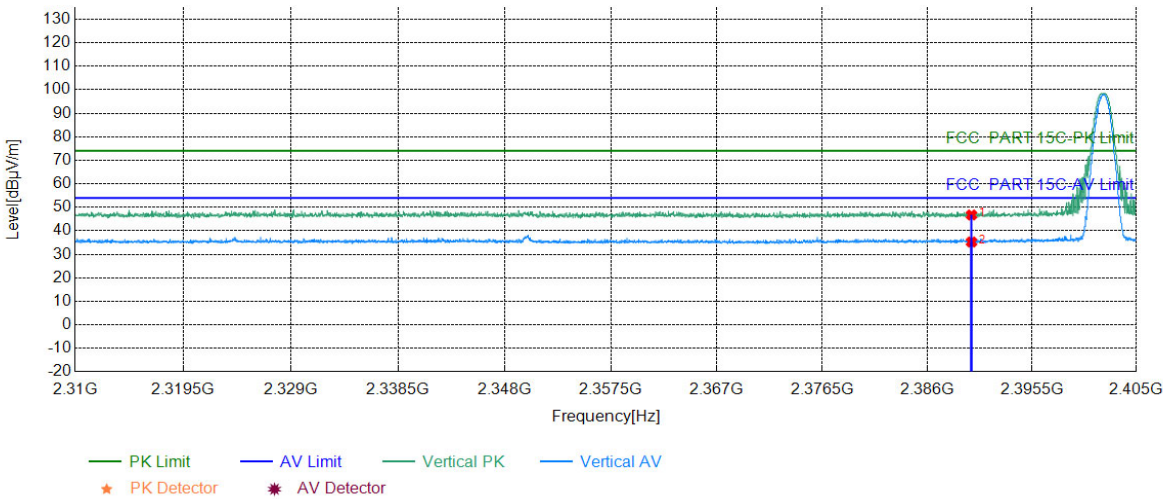


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	41.17	46.94	74.00	27.06	PASS	Horizontal	PK
2	2390.00	5.77	29.32	35.09	54.00	18.91	PASS	Horizontal	AV

Mode:	GFSK Transmitting	Channel:	2402
Remark:			

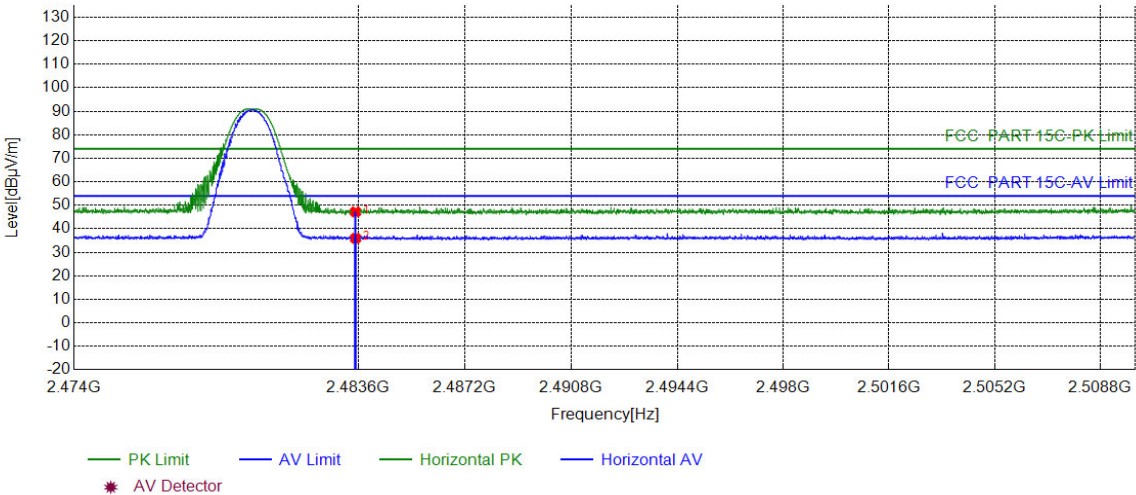
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	40.98	46.75	74.00	27.25	PASS	Vertical	PK
2	2390.00	5.77	29.48	35.25	54.00	18.75	PASS	Vertical	AV

Mode:	GFSK Transmitting	Channel:	2480
Remark:			

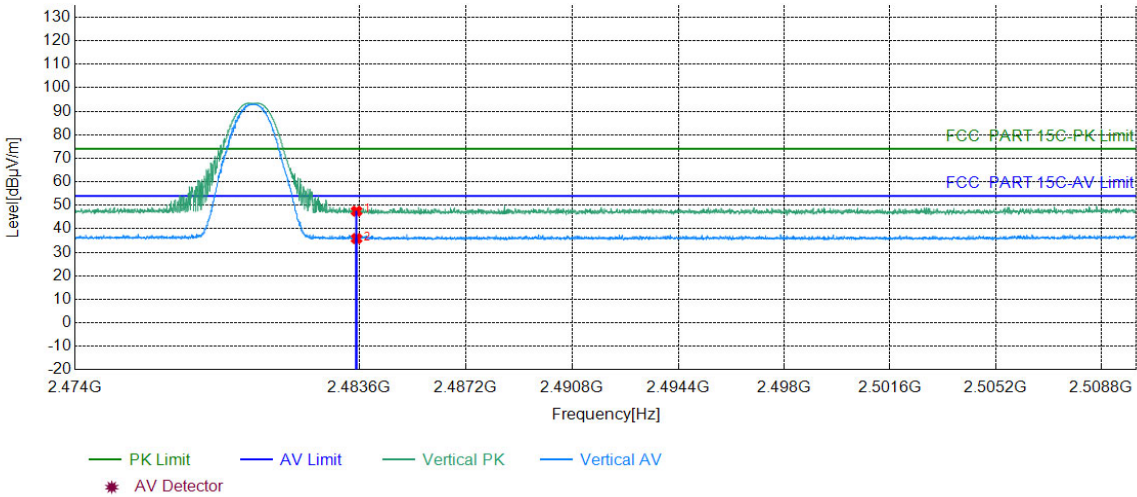
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	40.65	47.22	74.00	26.78	PASS	Horizontal	PK
2	2483.50	6.57	29.39	35.96	54.00	18.04	PASS	Horizontal	AV

Mode:	GFSK Transmitting	Channel:	2480
Remark:			

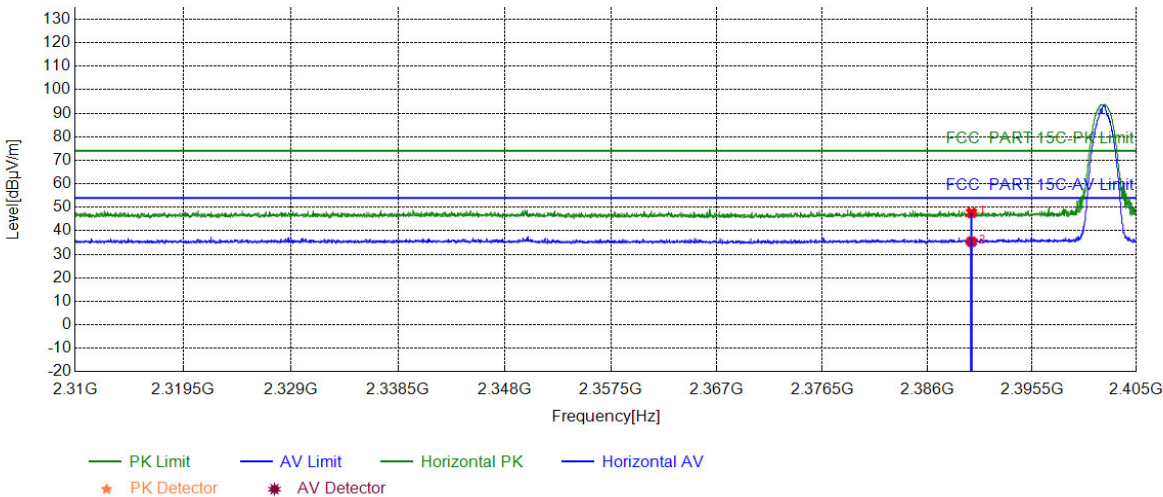
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	40.94	47.51	74.00	26.49	PASS	Vertical	PK
2	2483.50	6.57	29.27	35.84	54.00	18.16	PASS	Vertical	AV

Mode:	π /4DQPSK Transmitting	Channel:	2402
Remark:			

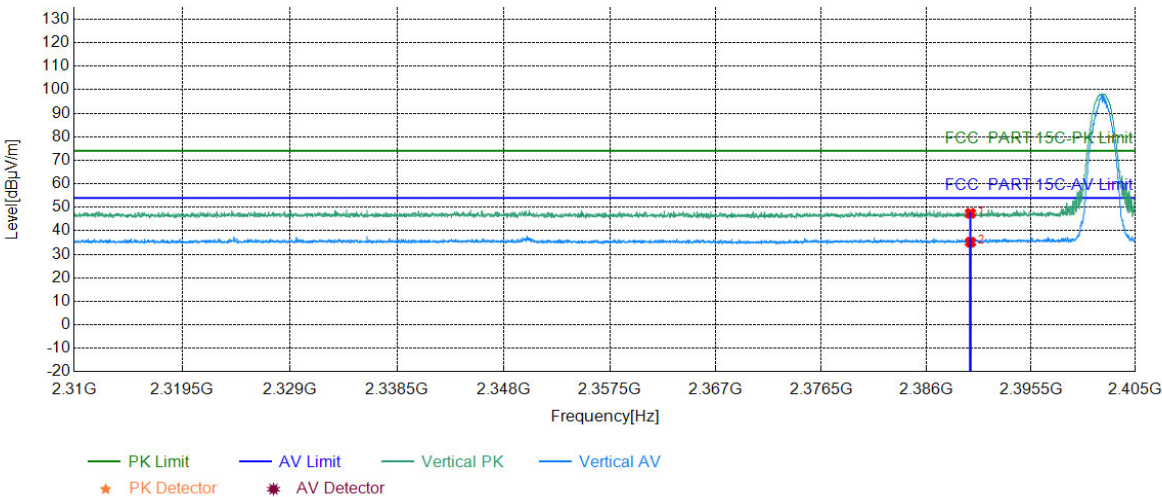
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	41.88	47.65	74.00	26.35	PASS	Horizontal	PK
2	2390.00	5.77	29.59	35.36	54.00	18.64	PASS	Horizontal	AV

Mode:	π /4DQPSK Transmitting	Channel:	2402
Remark:			

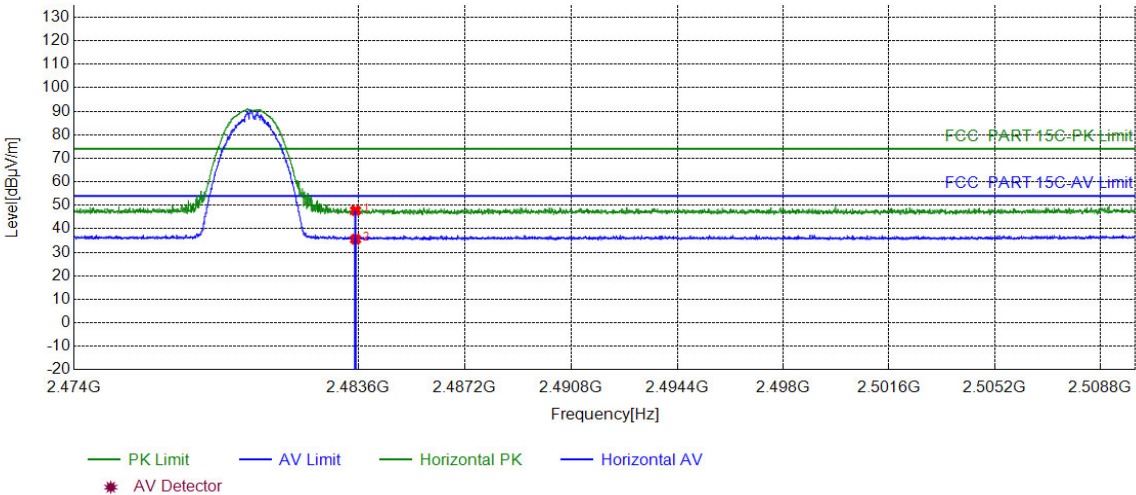
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	41.69	47.46	74.00	26.54	PASS	Vertical	PK
2	2390.00	5.77	29.39	35.16	54.00	18.84	PASS	Vertical	AV

Mode:	π /4DQPSK Transmitting	Channel:	2480
Remark:			

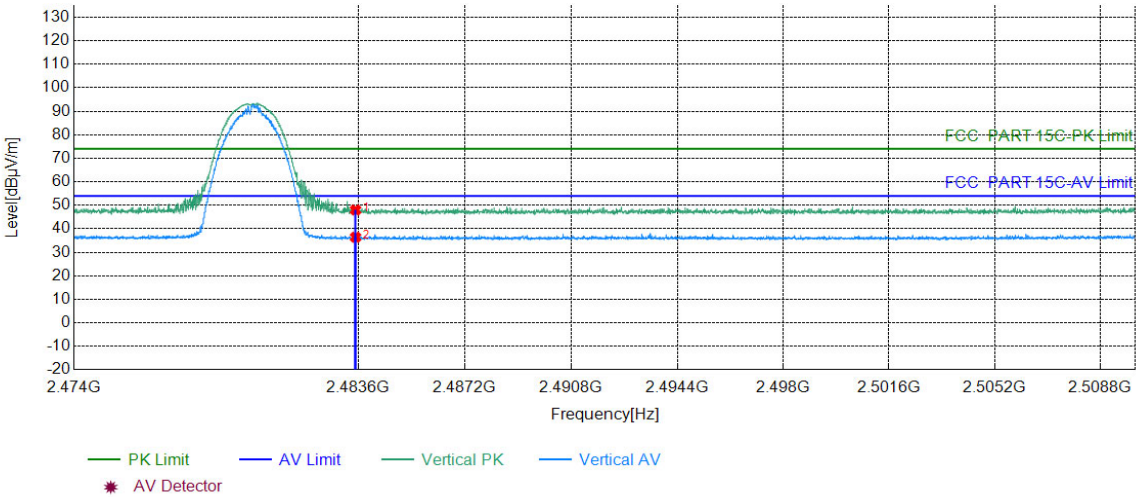
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	41.21	47.78	74.00	26.22	PASS	Horizontal	PK
2	2483.50	6.57	28.99	35.56	54.00	18.44	PASS	Horizontal	AV

Mode:	π /4DQPSK Transmitting	Channel:	2480
Remark:			

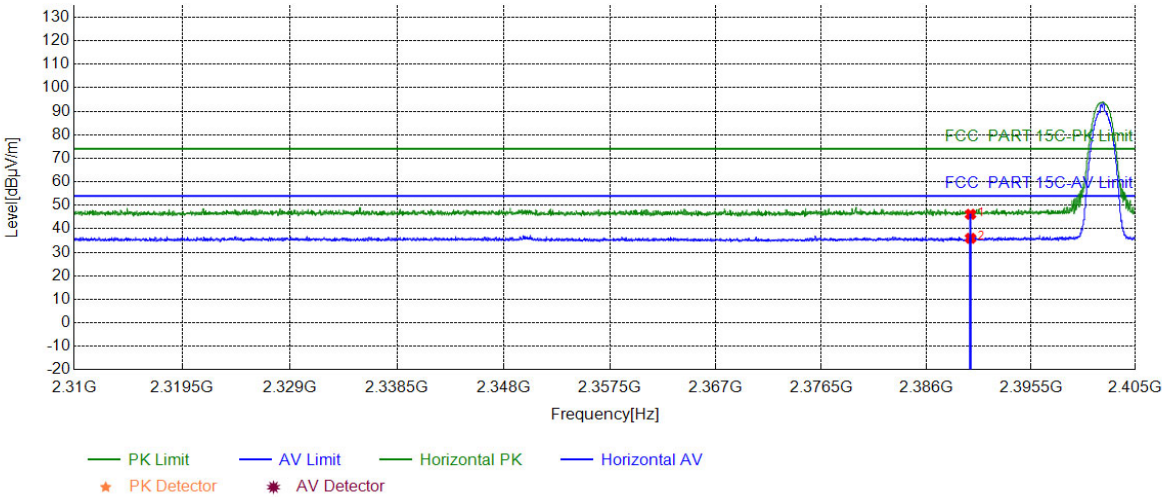
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	41.44	48.01	74.00	25.99	PASS	Vertical	PK
2	2483.50	6.57	29.84	36.41	54.00	17.59	PASS	Vertical	AV

Mode:	8DPSK Transmitting	Channel:	2402
Remark:			

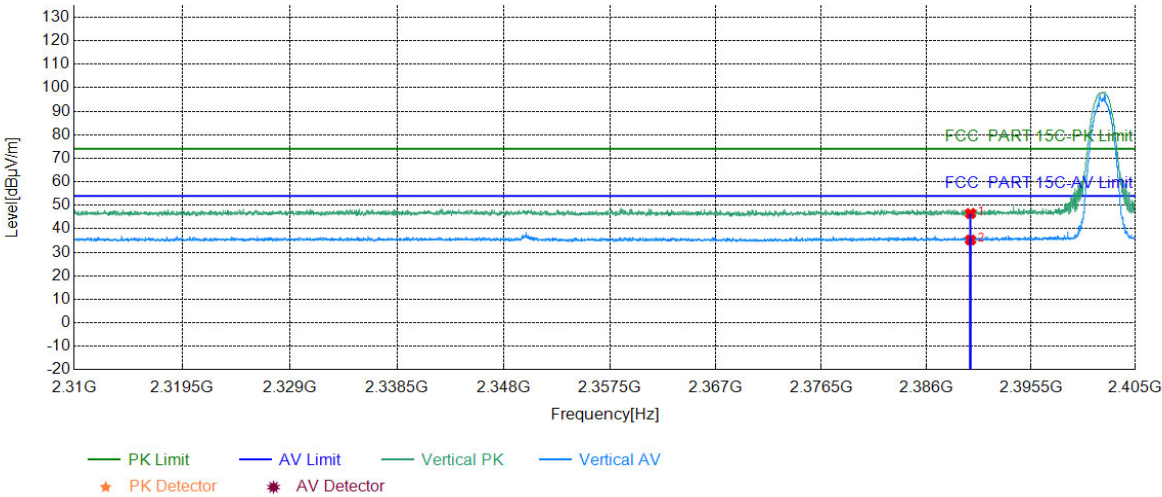
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	40.41	46.18	74.00	27.82	PASS	Horizontal	PK
2	2390.00	5.77	30.19	35.96	54.00	18.04	PASS	Horizontal	AV

Mode:	8DPSK Transmitting	Channel:	2402
Remark:			

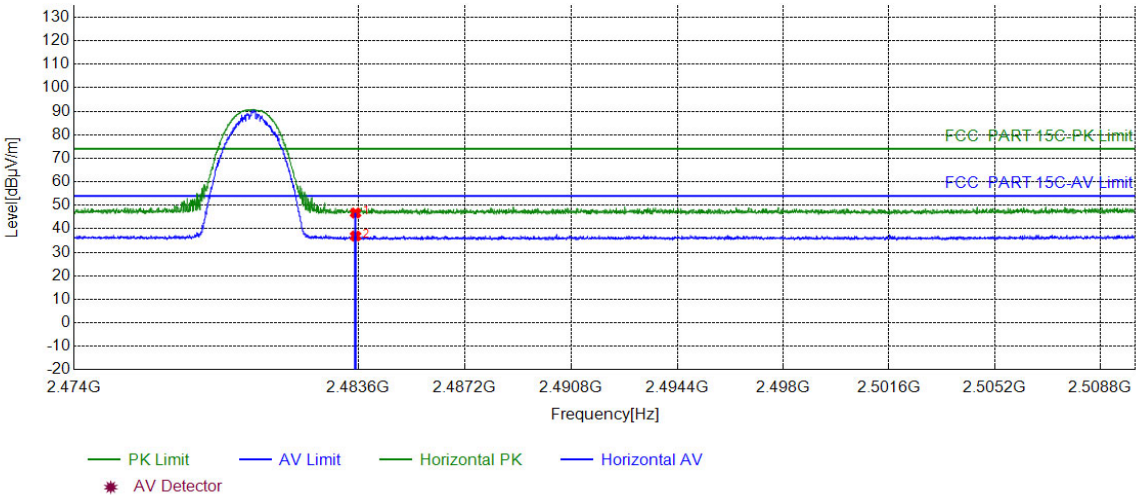
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390.00	5.77	40.73	46.50	74.00	27.50	PASS	Vertical	PK
2	2390.00	5.77	29.47	35.24	54.00	18.76	PASS	Vertical	AV

Mode:	8DPSK Transmitting	Channel:	2480
Remark:			

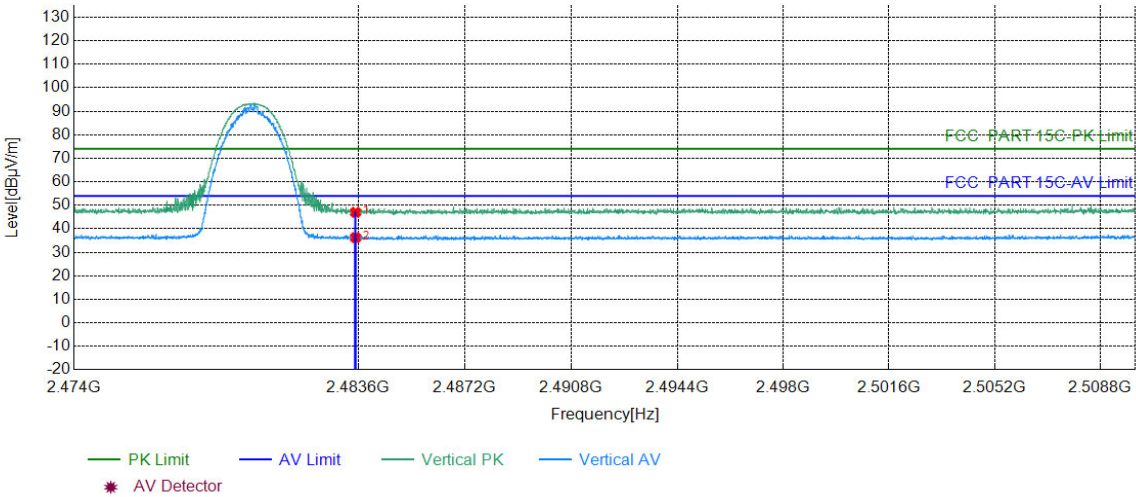
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	40.15	46.72	74.00	27.28	PASS	Horizontal	PK
2	2483.50	6.57	30.34	36.91	54.00	17.09	PASS	Horizontal	AV

Mode:	8DPSK Transmitting	Channel:	2480
Remark:			

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.50	6.57	40.47	47.04	74.00	26.96	PASS	Vertical	PK
2	2483.50	6.57	29.69	36.26	54.00	17.74	PASS	Vertical	AV

Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

6 Appendix A

Refer to Appendix: Bluetooth Classic of EED32N81239401.