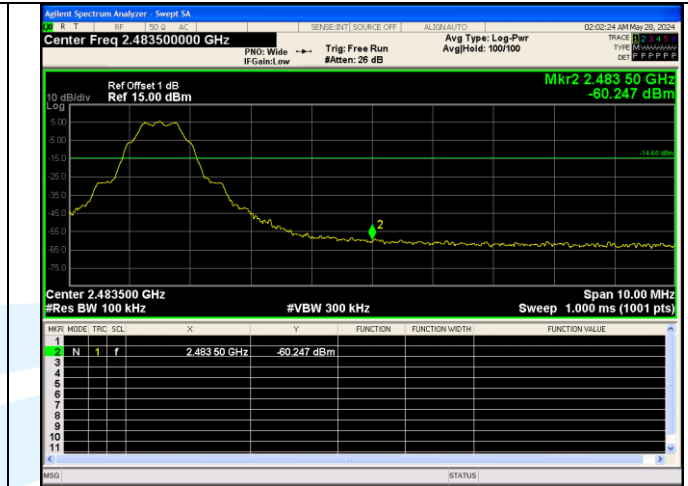
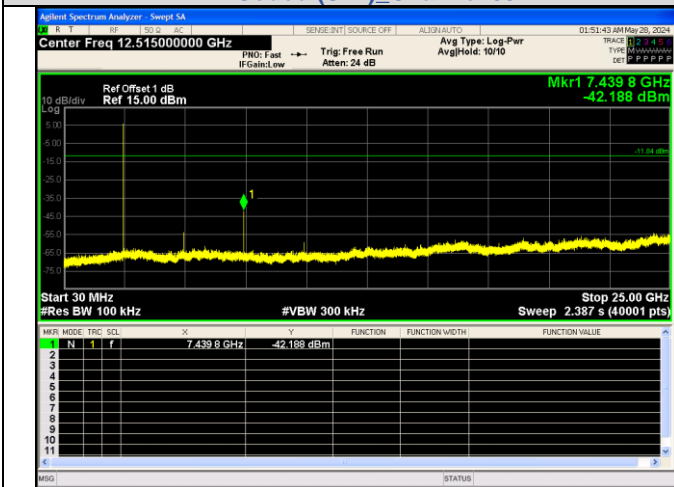


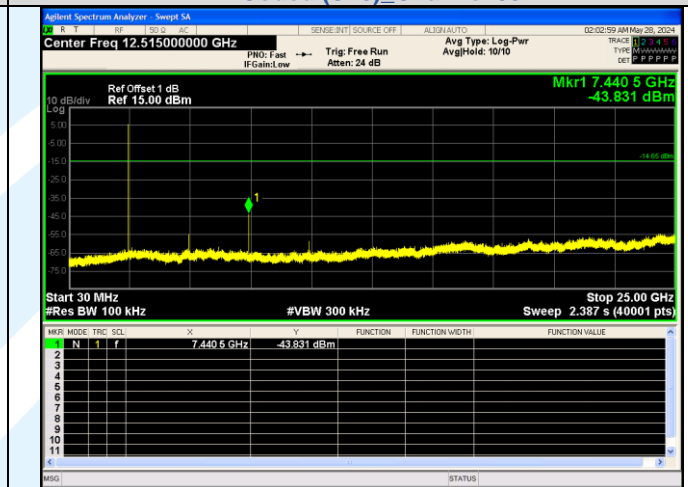
**Out Of Band Emission  
LE Coded (S=2) Channel 39**



**Out Of Band Emission  
LE Coded (S=8) Channel 39**



**30.0 MHz - 25000.0 MHz  
LE Coded (S=2) Channel 39**

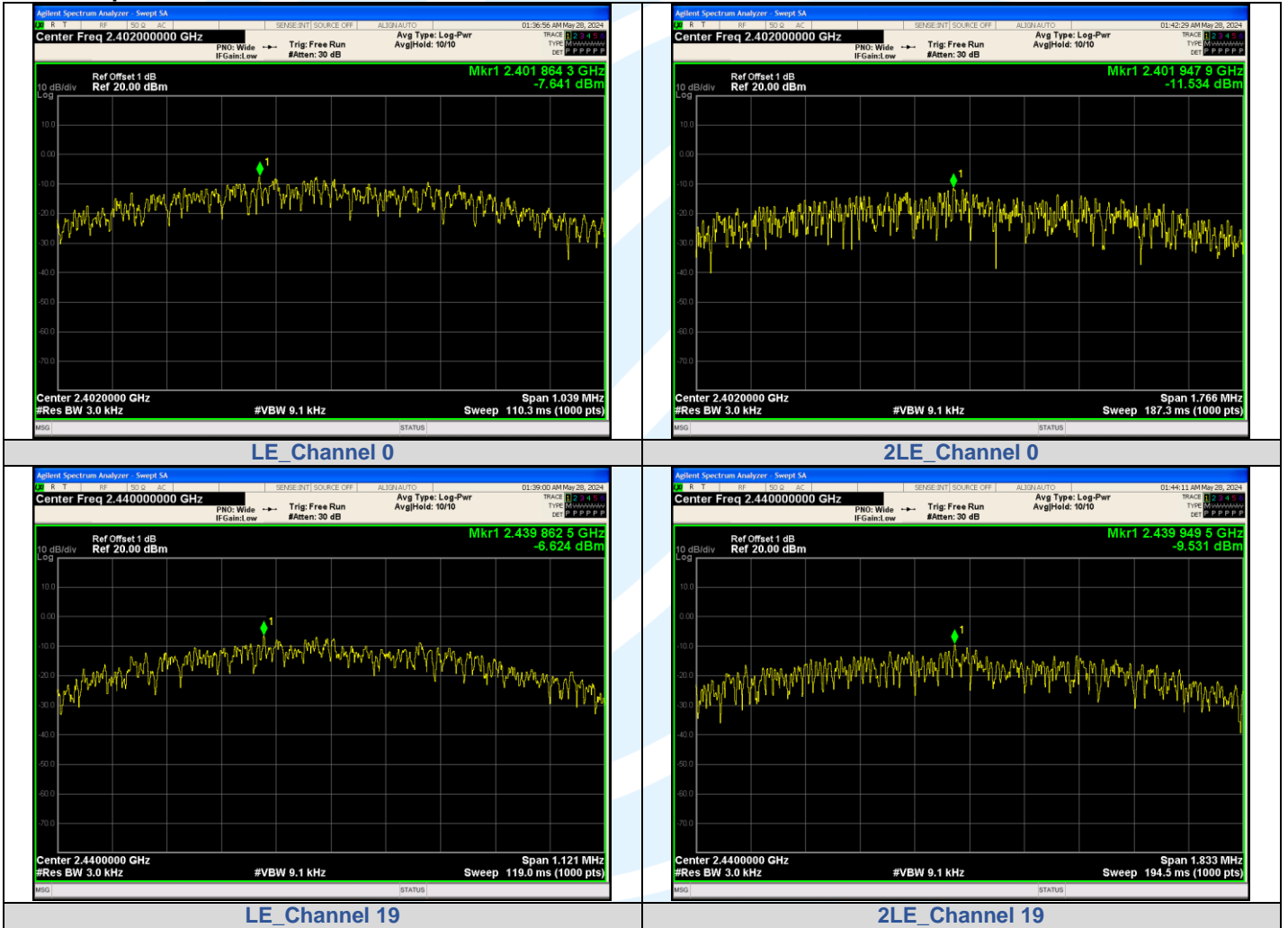


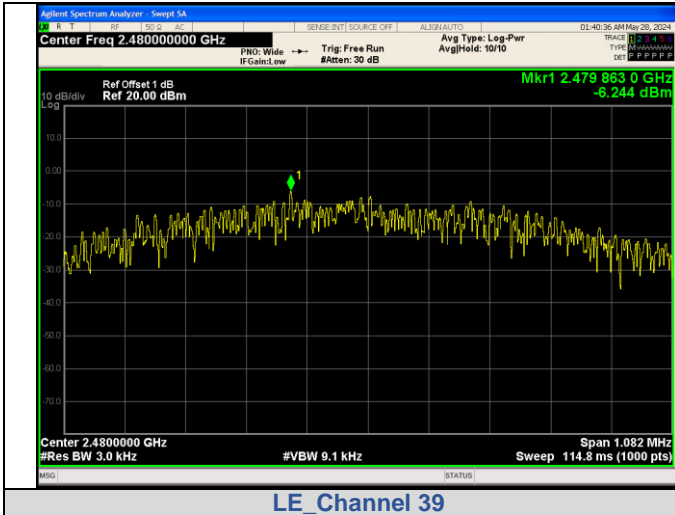
**30.0 MHz - 25000.0 MHz  
LE Coded (S=8) Channel 39**

### A.4 POWER SPECTRAL DENSITY

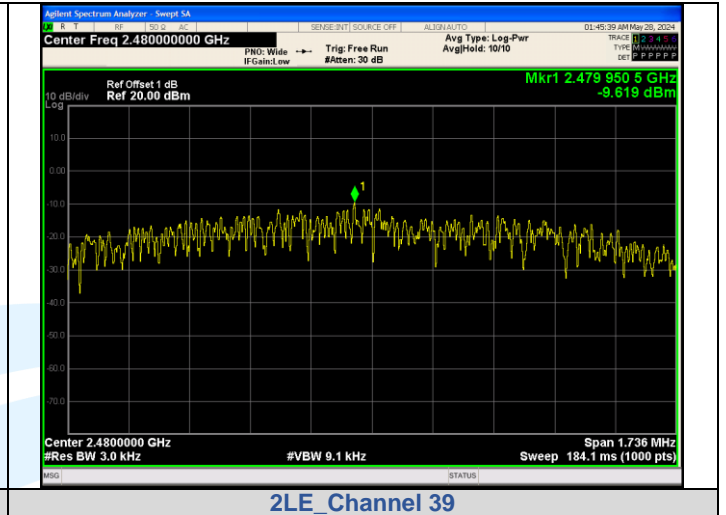
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-7.641	8	PASS
LE	19	-6.624	8	PASS
LE	39	-6.244	8	PASS
2LE	0	-11.534	8	PASS
2LE	19	-9.531	8	PASS
2LE	39	-9.619	8	PASS
LE Coded (S=2)	0	1.492	8	PASS
LE Coded (S=2)	19	1.112	8	PASS
LE Coded (S=2)	39	1.900	8	PASS
LE Coded (S=8)	0	1.892	8	PASS
LE Coded (S=8)	19	2.131	8	PASS
LE Coded (S=8)	39	2.114	8	PASS

#### Test Graphs

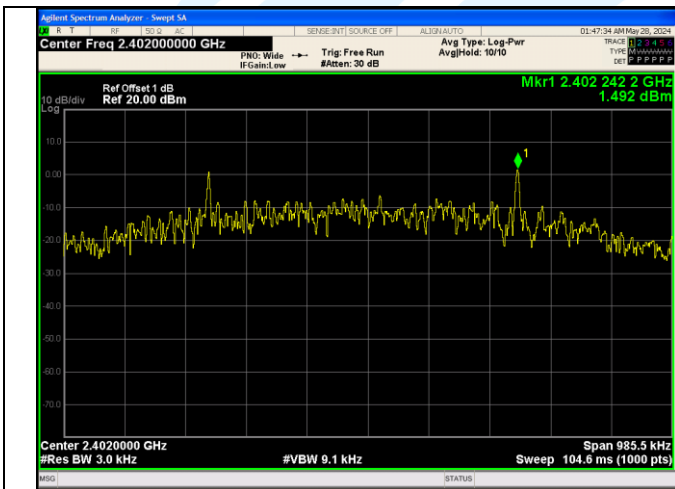




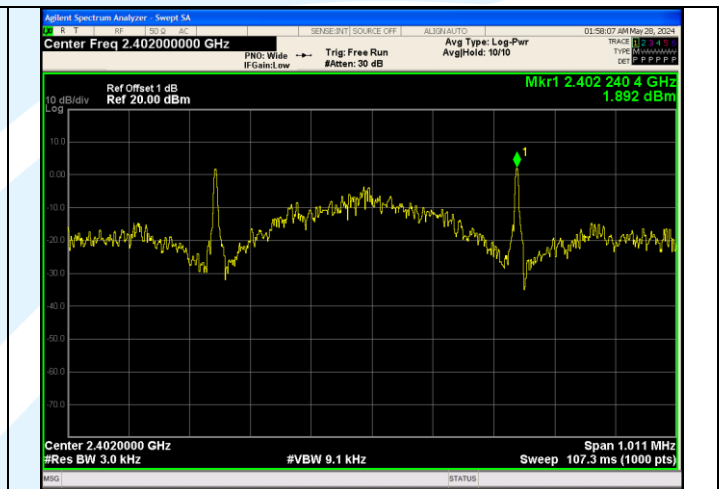
LE\_Channel 39



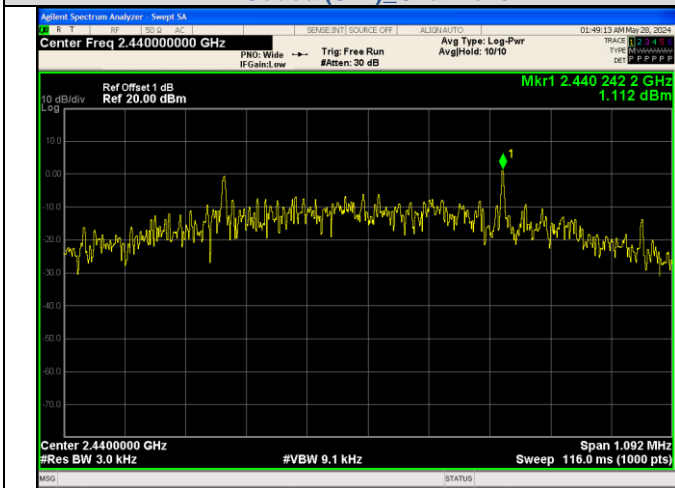
2LE\_Channel 39



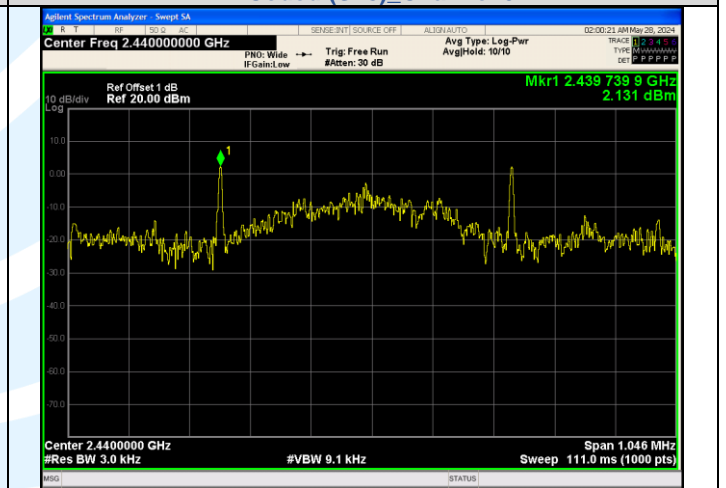
LE Coded (S=2)\_Channel 0



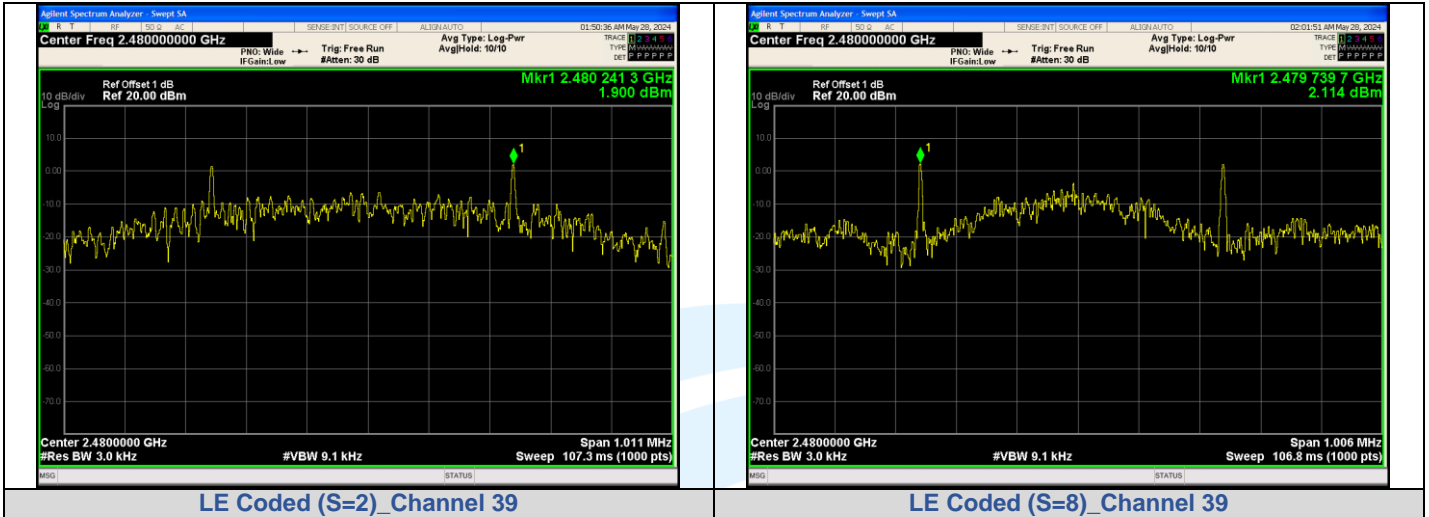
LE Coded (S=8)\_Channel 0



LE Coded (S=2)\_Channel 19



LE Coded (S=8)\_Channel 19



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### A.5 RADIATED SPURIOUS EMISSIONS

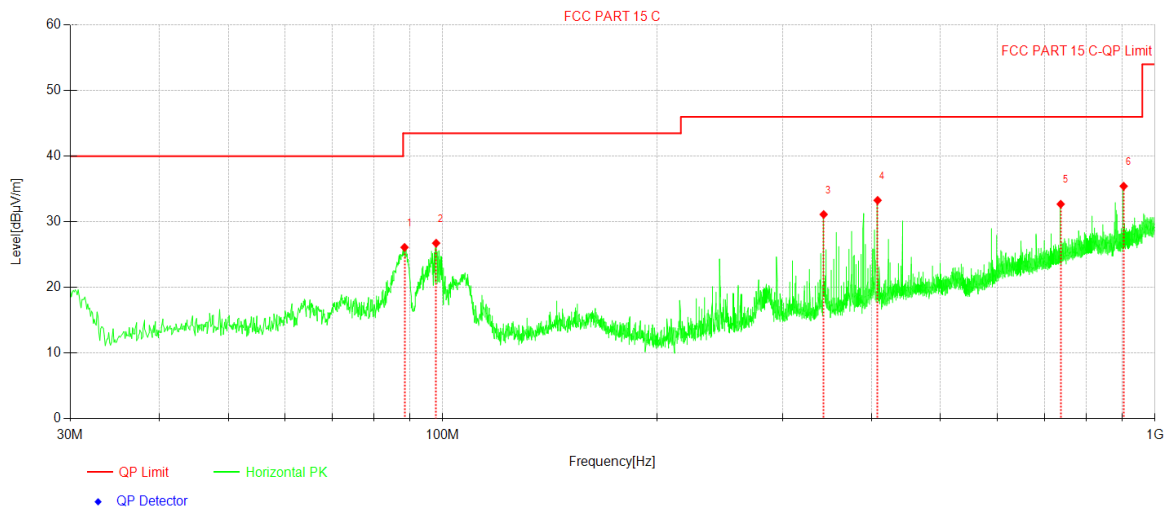
**Radiated Emission Test Data (9 kHz ~ 30 MHz):**

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

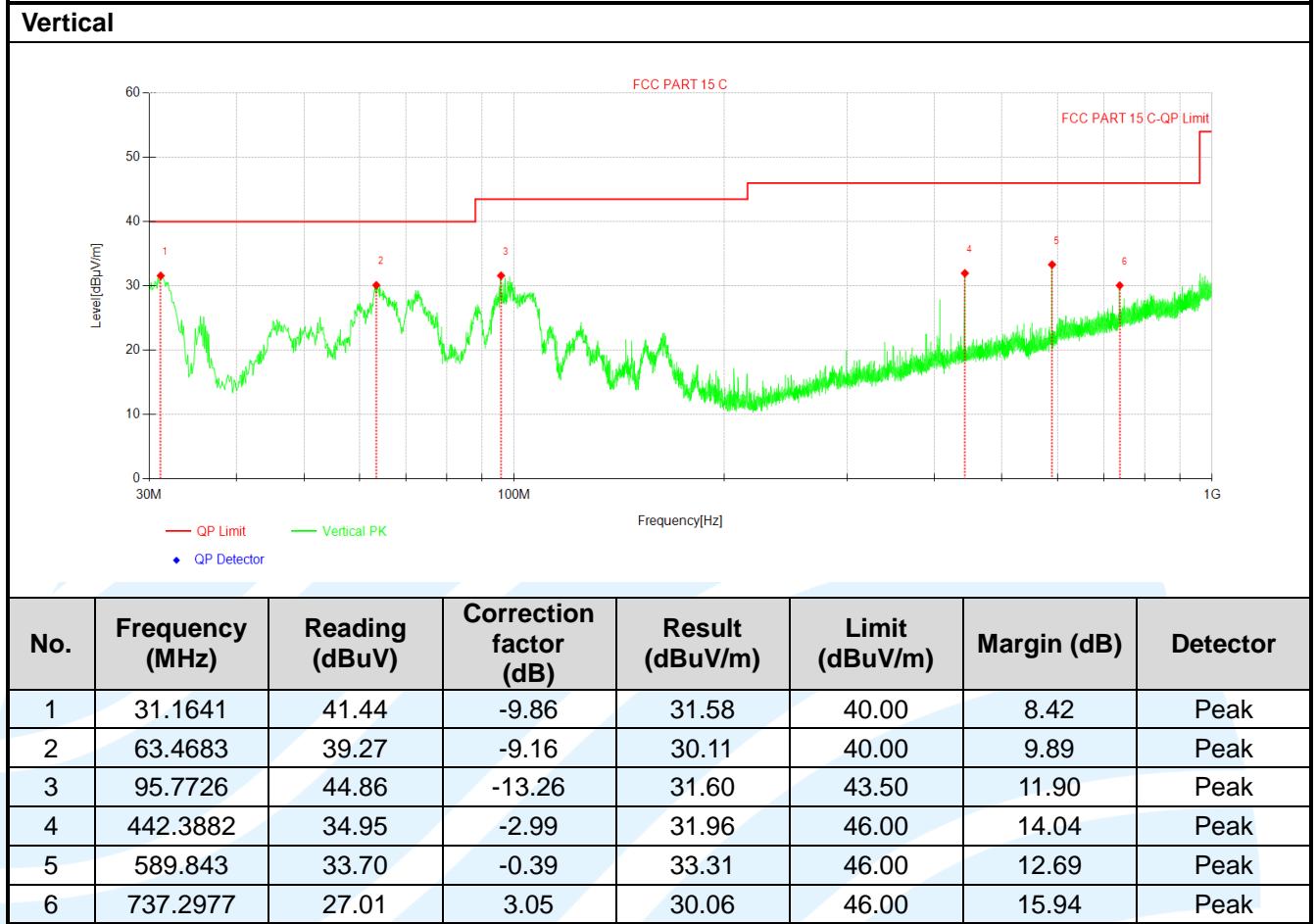
**Radiated Emission Test Data (30 MHz ~ 1 GHz):**

**Worst-Case Configuration(LE Code(S=8)\_Channel 39)**

**Horizontal**



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	88.3998	39.97	-13.87	26.10	43.50	17.40	Peak
2	97.9068	39.67	-12.93	26.74	43.50	16.76	Peak
3	342.6623	37.01	-5.89	31.12	46.00	14.88	Peak
4	407.9498	37.45	-4.18	33.27	46.00	12.73	Peak
5	737.2977	29.64	3.05	32.69	46.00	13.31	Peak
6	903.6694	30.16	5.27	35.43	46.00	10.57	Peak



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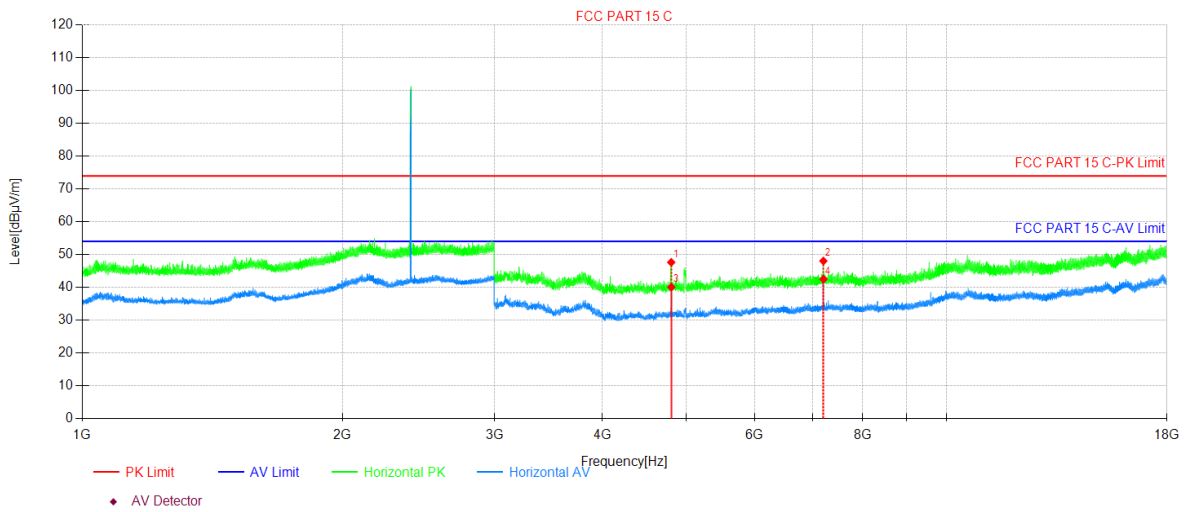
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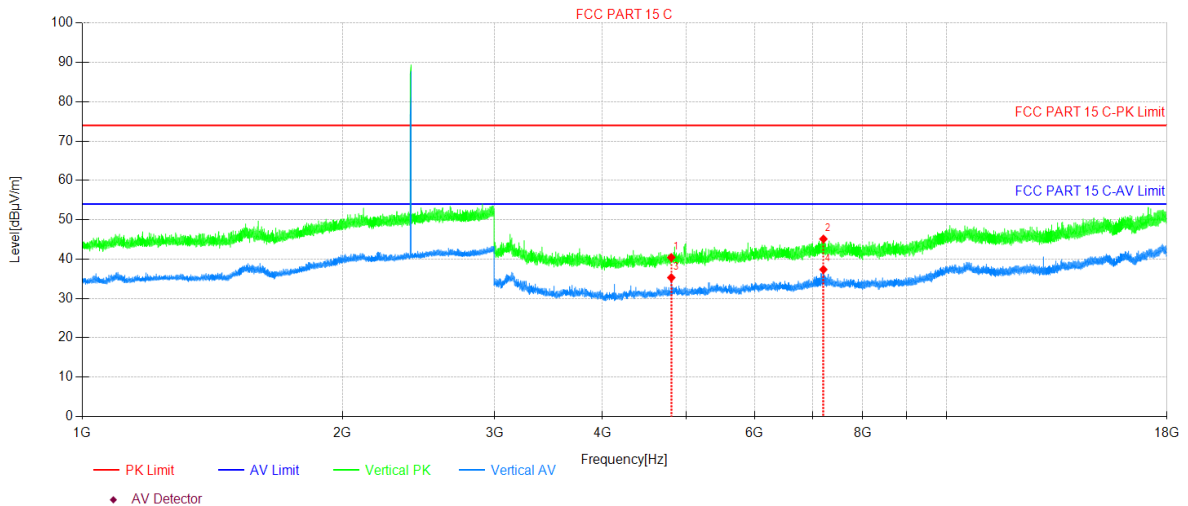
**Radiated Emission Test Data (Above 1GHz):**

**LE\_ Lowest Channel:  
Test Graph**



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	4803.8402	52.24	-4.61	47.63	74.00	26.37	150	0	PK	Horizontal	PASS	
2	7205.4603	49.81	-1.77	48.04	74.00	25.96	150	3	PK	Horizontal	PASS	
3	4804.5902	44.69	-4.61	40.08	54.00	13.92	150	0	AV	Horizontal	PASS	
4	7206.9603	44.24	-1.76	42.48	54.00	11.52	150	3	AV	Horizontal	PASS	

**Test Graph**



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	4804.5902	45.04	-4.61	40.43	74.00	33.57	150	57	PK	Vertical	PASS	
2	7206.2103	46.88	-1.76	45.12	74.00	28.88	150	98	PK	Vertical	PASS	
3	4804.5902	39.91	-4.61	35.30	54.00	18.70	150	57	AV	Vertical	PASS	
4	7206.2103	39.12	-1.76	37.36	54.00	16.64	150	43	AV	Vertical	PASS	

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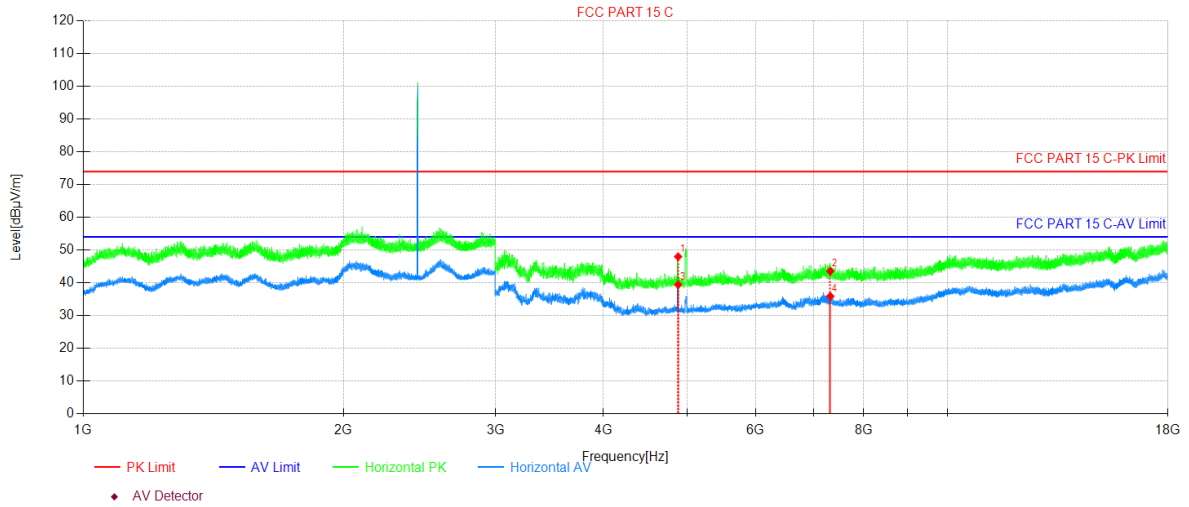
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LE\_ Middle Channe:

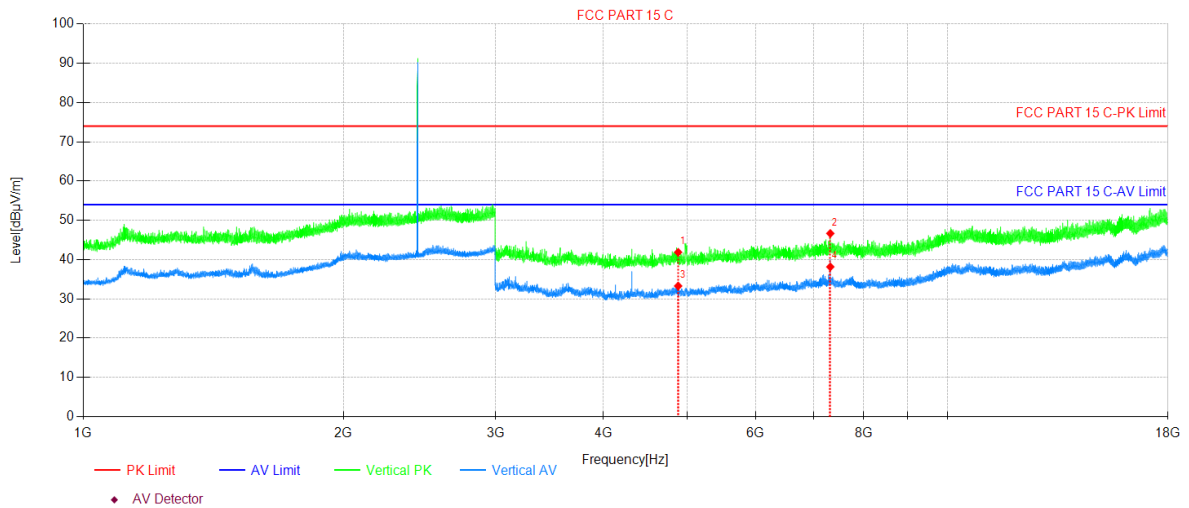
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4879.594	52.68	-4.70	47.98	74.00	26.02	150	153	PK	Horizontal	PASS
2	7320.216	45.06	-1.49	43.57	74.00	30.43	150	10	PK	Horizontal	PASS
3	4880.344	44.11	-4.71	39.40	54.00	14.60	150	153	AV	Horizontal	PASS
4	7320.216	37.37	-1.49	35.88	54.00	18.12	150	24	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	46.58	-4.71	41.87	74.00	32.13	150	98	PK	Vertical	PASS
2	7320.216	48.15	-1.49	46.66	74.00	27.34	150	82	PK	Vertical	PASS
3	4880.344	37.99	-4.71	33.28	54.00	20.72	150	53	AV	Vertical	PASS
4	7320.216	39.64	-1.49	38.15	54.00	15.85	150	165	AV	Vertical	PASS

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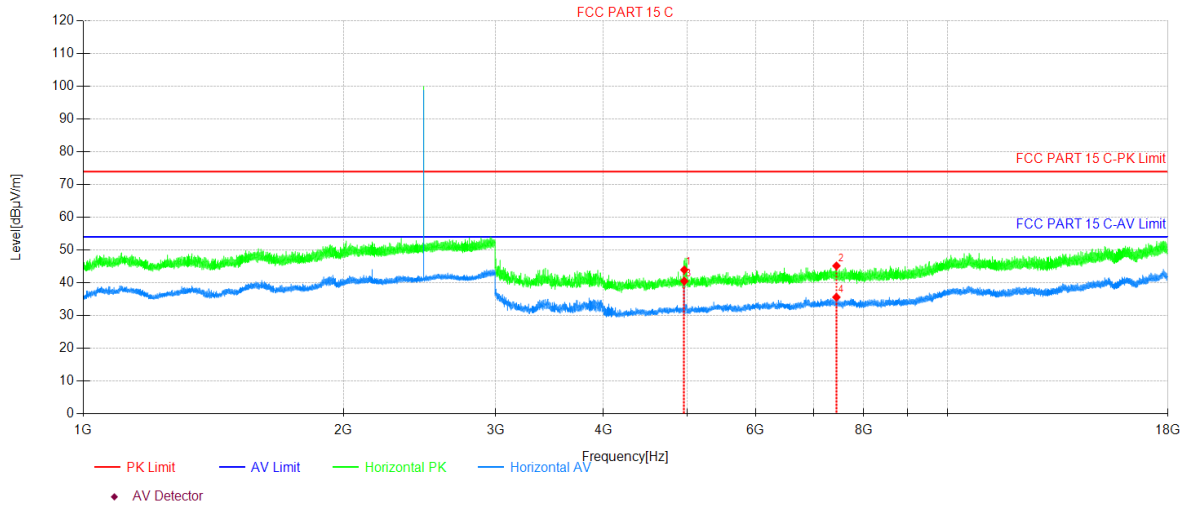
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LE\_ Highest Channel:

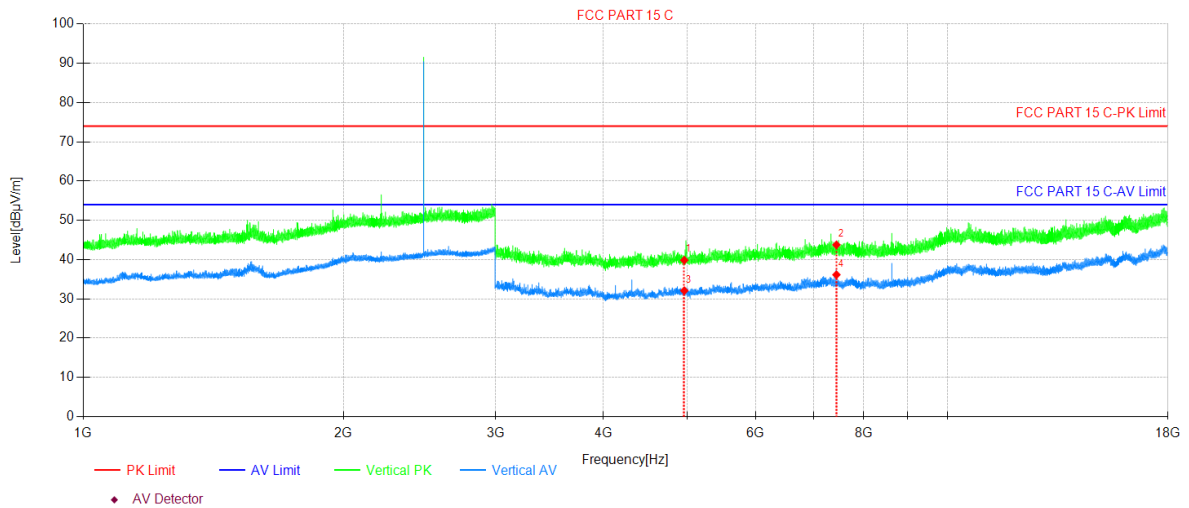
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	48.81	-4.86	43.95	74.00	30.05	150	177	PK	Horizontal	PASS
2	7440.222	46.51	-1.34	45.17	74.00	28.83	150	166	PK	Horizontal	PASS
3	4960.598	45.38	-4.86	40.52	54.00	13.48	150	177	AV	Horizontal	PASS
4	7440.222	36.93	-1.34	35.59	54.00	18.41	150	0	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	44.71	-4.86	39.85	74.00	34.15	150	167	PK	Vertical	PASS
2	7440.222	45.10	-1.34	43.76	74.00	30.24	150	54	PK	Vertical	PASS
3	4960.598	36.95	-4.86	32.09	54.00	21.91	150	124	AV	Vertical	PASS
4	7440.222	37.49	-1.34	36.15	54.00	17.85	150	67	AV	Vertical	PASS

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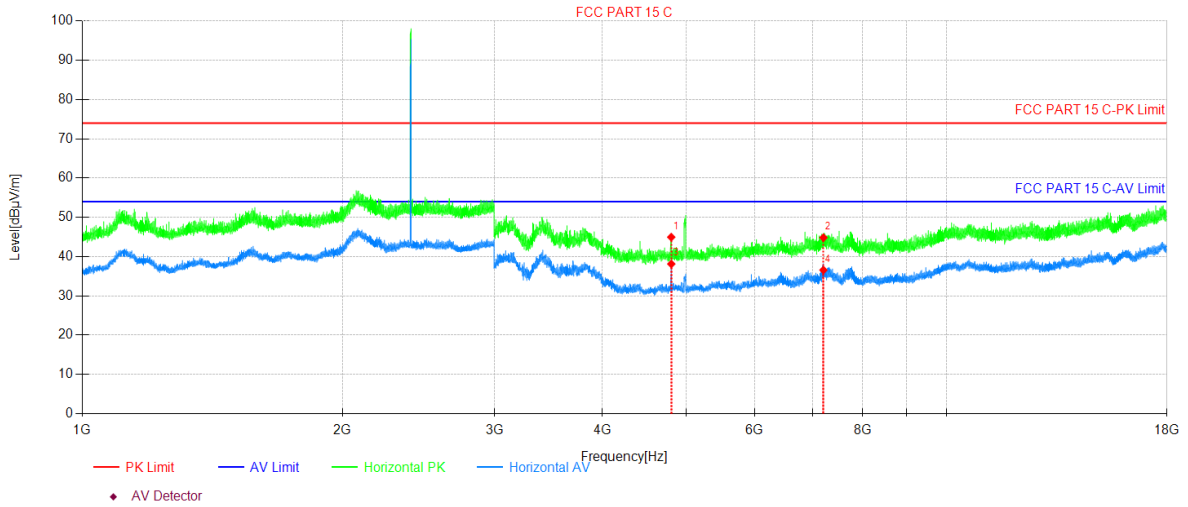
E-mail: info@uttlab.com

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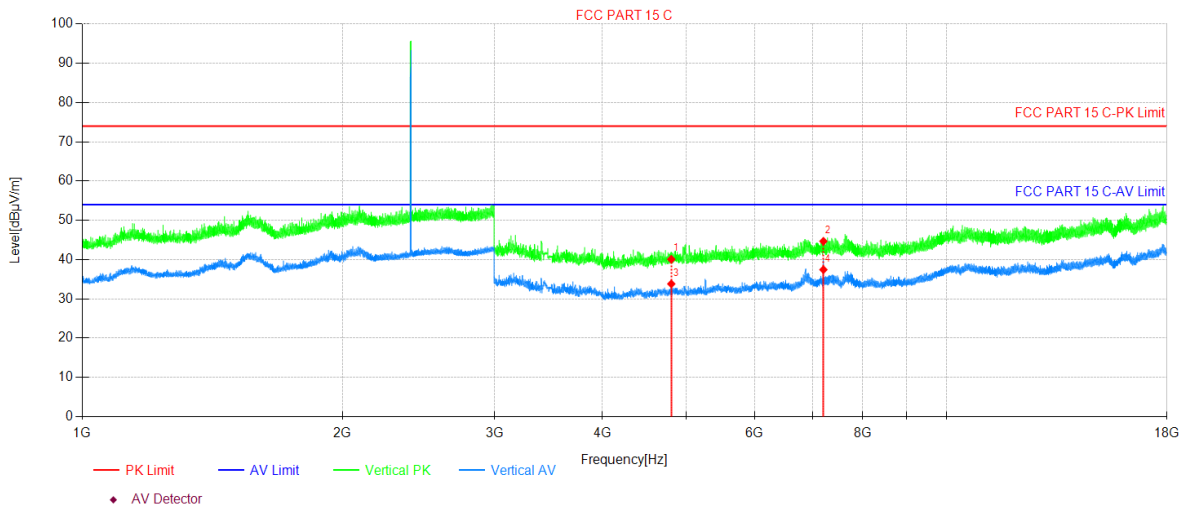
2LE\_ Lowest Channel:

Test Graph



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	4803.8402	49.57	-4.61	44.96	74.00	29.04	150	158	PK	Horizontal	PASS	
2	7206.2103	46.58	-1.76	44.82	74.00	29.18	150	62	PK	Horizontal	PASS	
3	4804.5902	42.74	-4.61	38.13	54.00	15.87	150	177	AV	Horizontal	PASS	
4	7206.2103	38.34	-1.76	36.58	54.00	17.42	150	177	AV	Horizontal	PASS	

Test Graph



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	4804.5902	44.69	-4.61	40.08	74.00	33.92	150	112	PK	Vertical	PASS	
2	7206.2103	46.44	-1.76	44.68	74.00	29.32	150	0	PK	Vertical	PASS	
3	4804.5902	38.42	-4.61	33.81	54.00	20.19	150	177	AV	Vertical	PASS	
4	7206.2103	39.19	-1.76	37.43	54.00	16.57	150	5	AV	Vertical	PASS	

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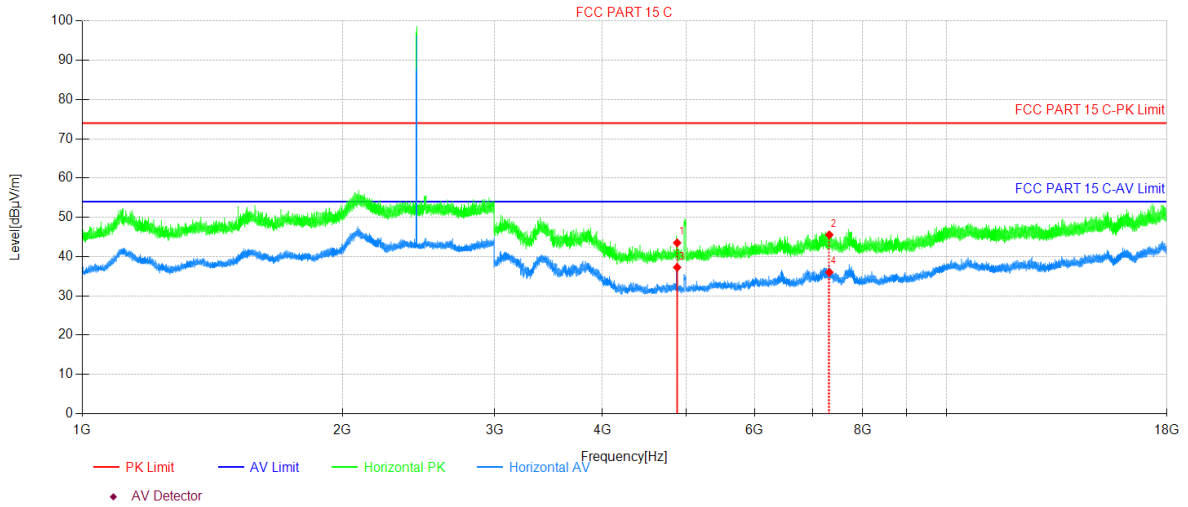
E-mail: info@uttlab.com

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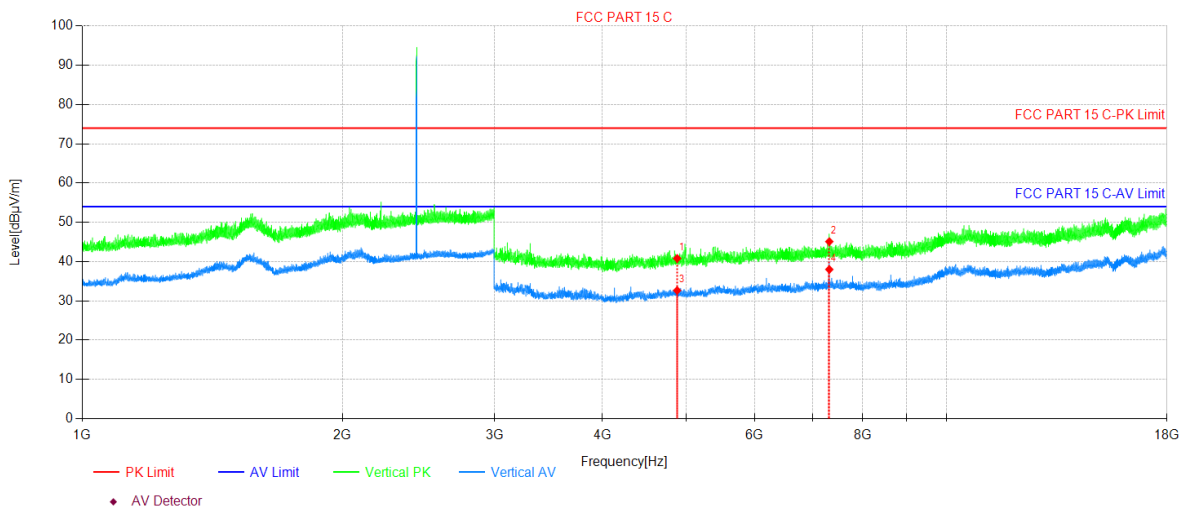
2LE\_Middle Channel:

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	48.23	-4.71	43.52	74.00	30.48	150	177	PK	Horizontal	PASS
2	7320.216	47.03	-1.49	45.54	74.00	28.46	150	140	PK	Horizontal	PASS
3	4880.344	41.97	-4.71	37.26	54.00	16.74	150	177	AV	Horizontal	PASS
4	7320.216	37.51	-1.49	36.02	54.00	17.98	150	87	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	45.53	-4.71	40.82	74.00	33.18	150	0	PK	Vertical	PASS
2	7320.216	46.59	-1.49	45.10	74.00	28.90	150	86	PK	Vertical	PASS
3	4880.344	37.36	-4.71	32.65	54.00	21.35	150	59	AV	Vertical	PASS
4	7320.216	39.49	-1.49	38.00	54.00	16.00	150	6	AV	Vertical	PASS

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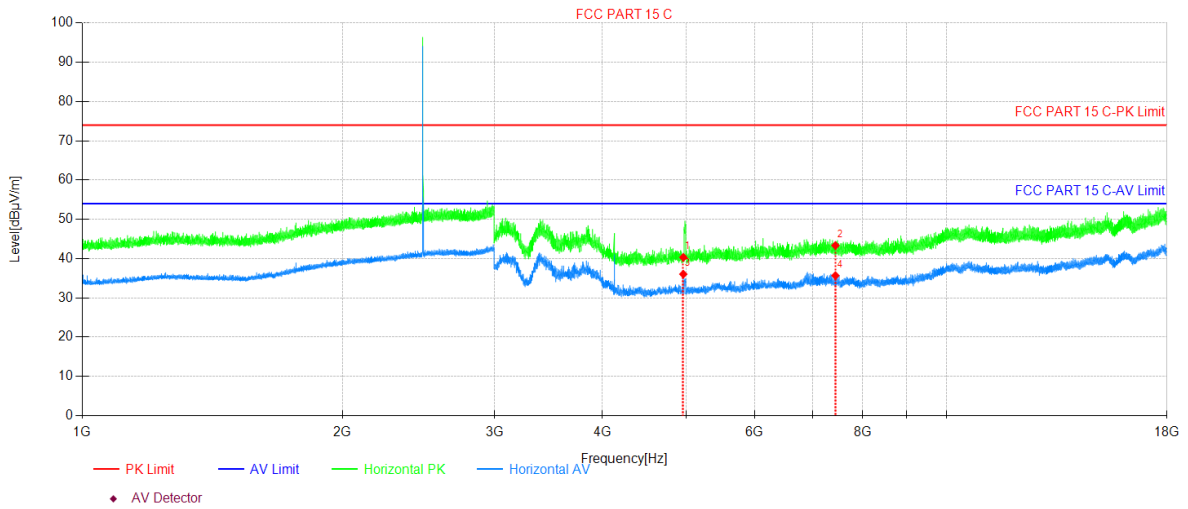
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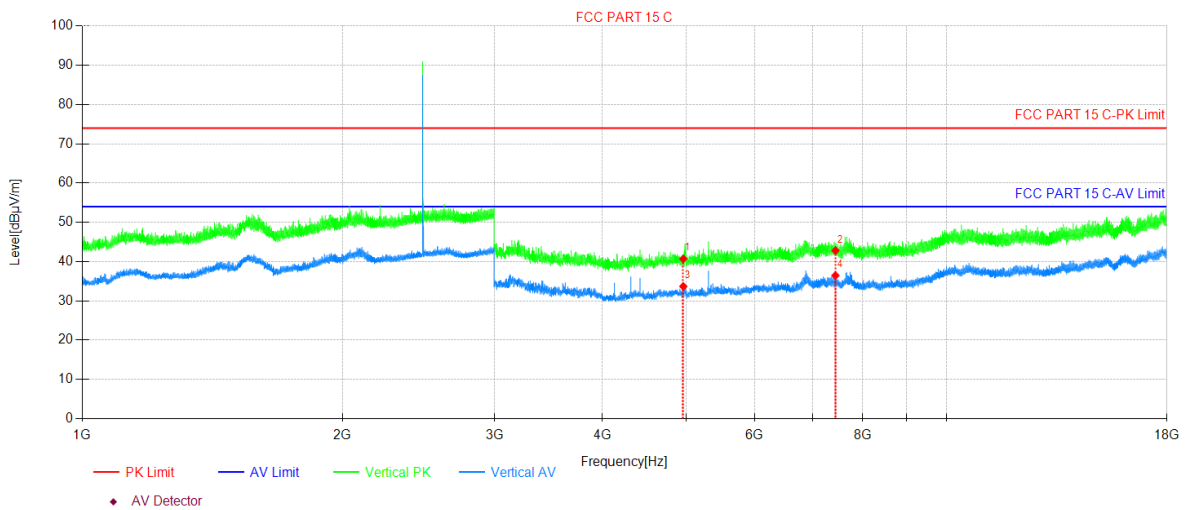
2LE\_Highest Channel:

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.18	-4.86	40.32	74.00	33.68	150	177	PK	Horizontal	PASS
2	7440.222	44.68	-1.34	43.34	74.00	30.66	150	12	PK	Horizontal	PASS
3	4960.598	40.90	-4.86	36.04	54.00	17.96	150	177	AV	Horizontal	PASS
4	7440.222	37.01	-1.34	35.67	54.00	18.33	150	12	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.56	-4.86	40.70	74.00	33.30	150	107	PK	Vertical	PASS
2	7440.222	44.16	-1.34	42.82	74.00	31.18	150	34	PK	Vertical	PASS
3	4960.598	38.55	-4.86	33.69	54.00	20.31	150	76	AV	Vertical	PASS
4	7440.222	37.79	-1.34	36.45	54.00	17.55	150	107	AV	Vertical	PASS

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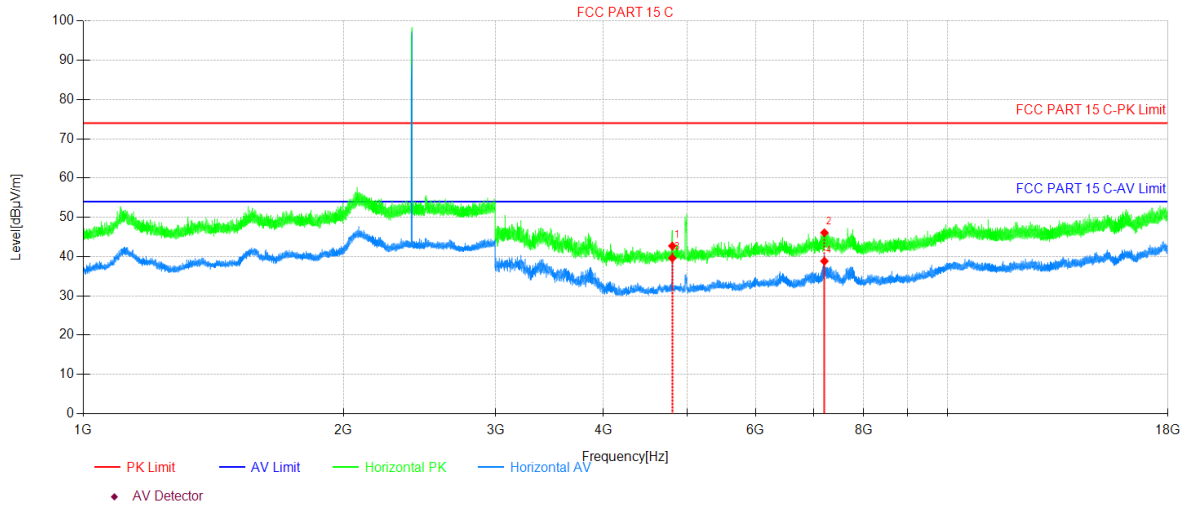
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LE Code (S=2)\_ Lowest Channel:

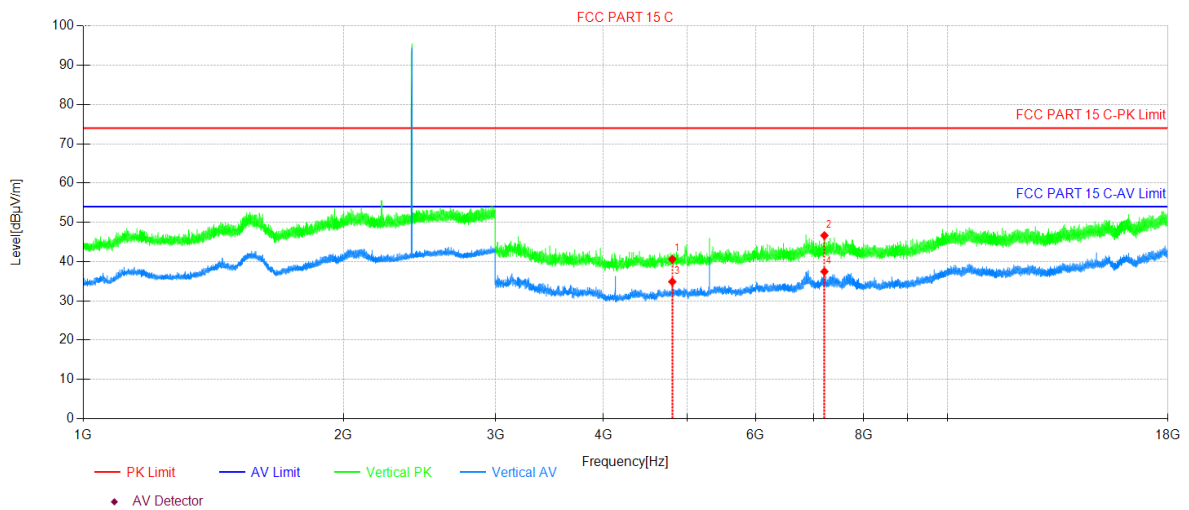
### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	47.33	-4.61	42.72	74.00	31.28	150	166	PK	Horizontal	PASS
2	7206.2103	47.84	-1.76	46.08	74.00	27.92	150	68	PK	Horizontal	PASS
3	4804.5902	44.24	-4.61	39.63	54.00	14.37	150	166	AV	Horizontal	PASS
4	7206.2103	40.60	-1.76	38.84	54.00	15.16	150	68	AV	Horizontal	PASS

### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	45.23	-4.61	40.62	74.00	33.38	150	92	PK	Vertical	PASS
2	7206.2103	48.40	-1.76	46.64	74.00	27.36	150	92	PK	Vertical	PASS
3	4804.5902	39.48	-4.61	34.87	54.00	19.13	150	177	AV	Vertical	PASS
4	7206.2103	39.22	-1.76	37.46	54.00	16.54	150	177	AV	Vertical	PASS

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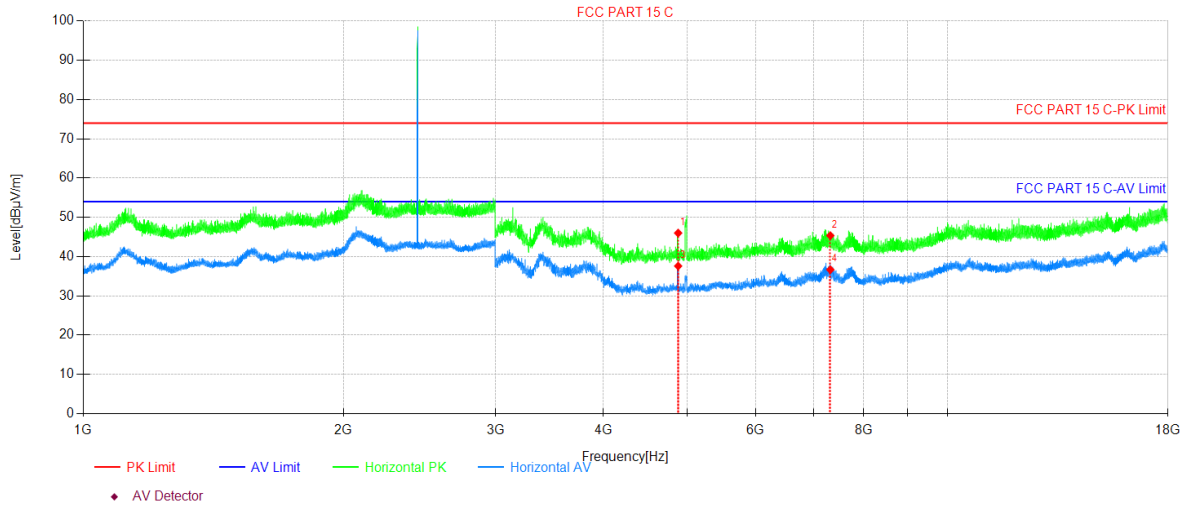
E-mail: info@uttlab.com

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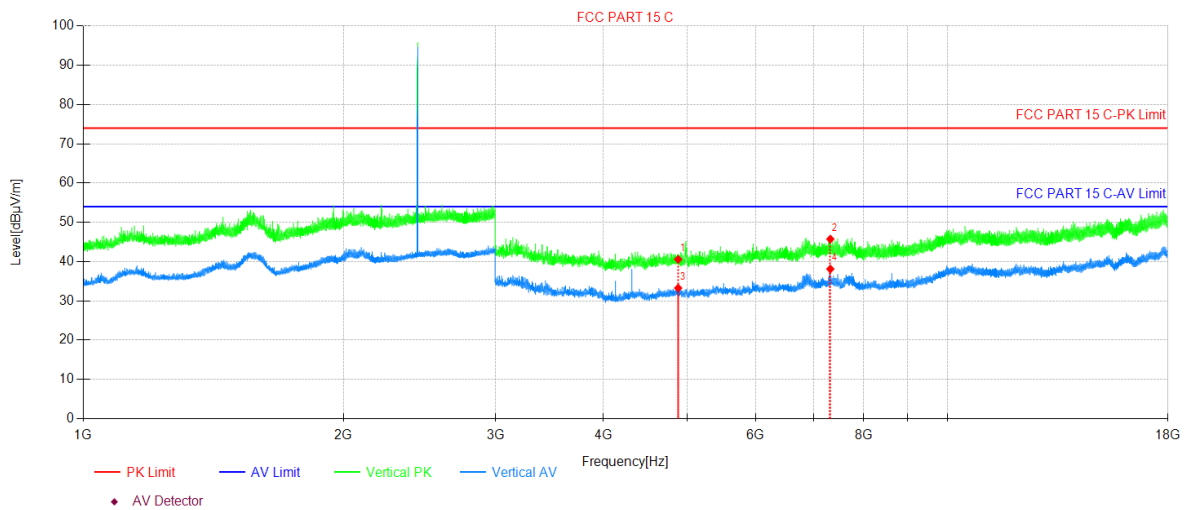
LE Code (S=2)\_ Middle Channel:

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	50.71	-4.71	46.00	74.00	28.00	150	137	PK	Horizontal	PASS
2	7320.216	46.84	-1.49	45.35	74.00	28.65	150	82	PK	Horizontal	PASS
3	4880.344	42.30	-4.71	37.59	54.00	16.41	150	152	AV	Horizontal	PASS
4	7320.216	38.16	-1.49	36.67	54.00	17.33	150	137	AV	Horizontal	PASS

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	45.28	-4.71	40.57	74.00	33.43	150	123	PK	Vertical	PASS
2	7320.216	47.23	-1.49	45.74	74.00	28.26	150	78	PK	Vertical	PASS
3	4880.344	37.97	-4.71	33.26	54.00	20.74	150	177	AV	Vertical	PASS
4	7320.216	39.61	-1.49	38.12	54.00	15.88	150	1	AV	Vertical	PASS

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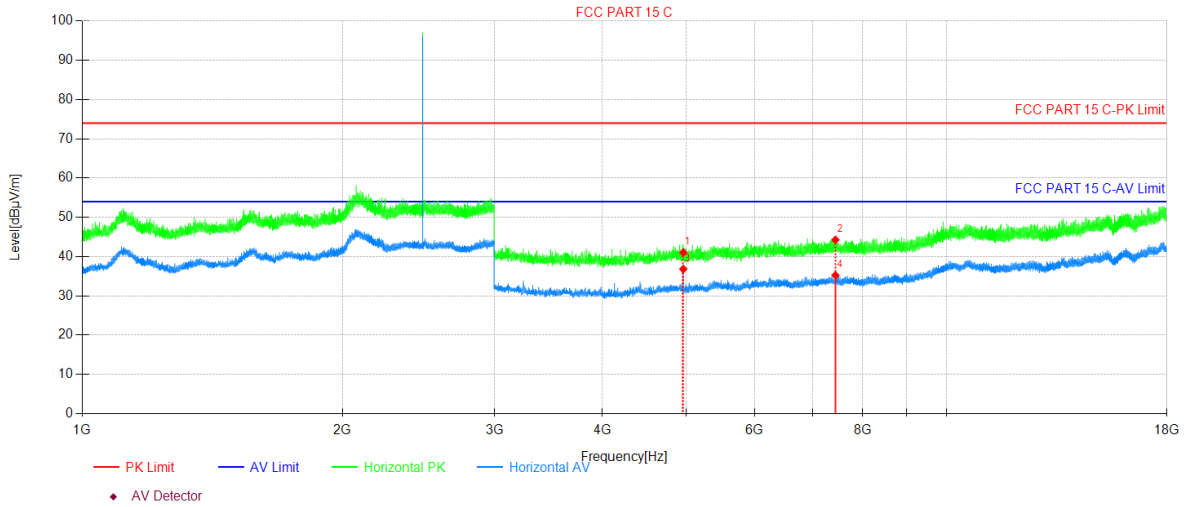
E-mail: info@uttlab.com

<http://www.uttlab.com>

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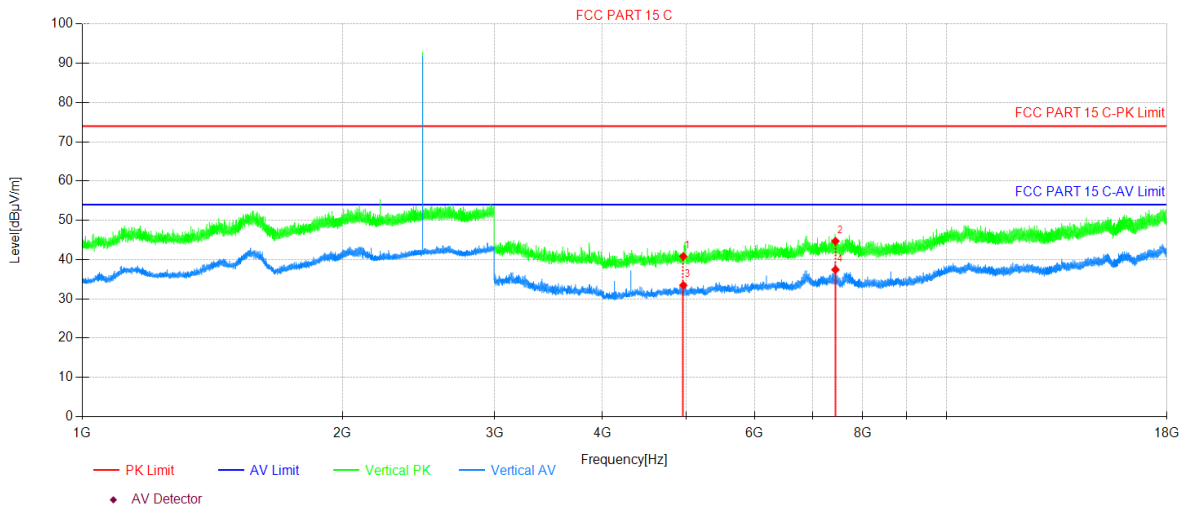
LE Code (S=2)\_ Highest Channel:

### Test Graph



Data List											
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1	4960.598	45.94	-4.86	41.08	74.00	32.92	150	166	PK	Horizontal	PASS
2	7440.222	45.61	-1.34	44.27	74.00	29.73	150	12	PK	Horizontal	PASS
3	4960.598	41.69	-4.86	36.83	54.00	17.17	150	166	AV	Horizontal	PASS
4	7440.222	36.56	-1.34	35.22	54.00	18.78	150	26	AV	Horizontal	PASS

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.70	-4.86	40.84	74.00	33.16	150	2	PK	Vertical	PASS
2	7440.222	46.04	-1.34	44.70	74.00	29.30	150	95	PK	Vertical	PASS
3	4960.598	38.31	-4.86	33.45	54.00	20.55	150	55	AV	Vertical	PASS
4	7440.222	38.77	-1.34	37.43	54.00	16.57	150	83	AV	Vertical	PASS

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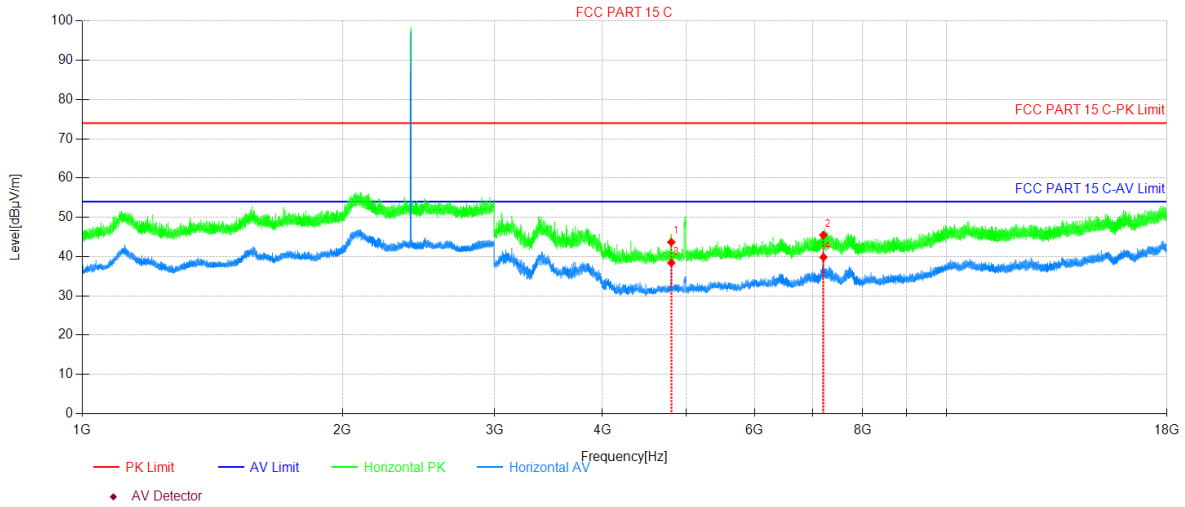
E-mail: info@uttlab.com

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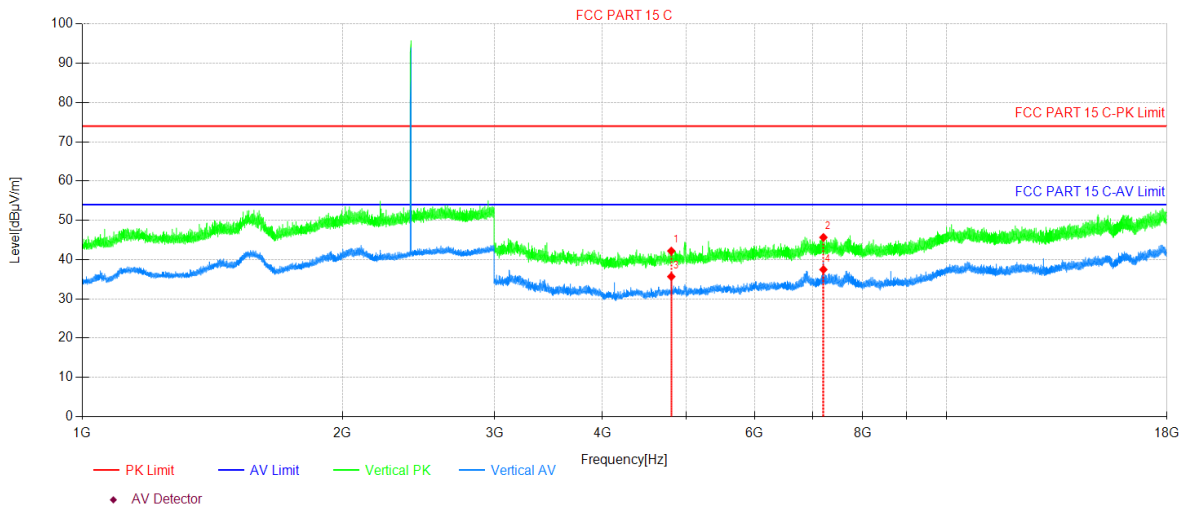
LE Code (S=8)\_ Lowest Channel:

### Test Graph



Data List											
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1	4804.5902	48.30	-4.61	43.69	74.00	30.31	150	177	PK	Horizontal	PASS
2	7206.2103	47.25	-1.76	45.49	74.00	28.51	150	29	PK	Horizontal	PASS
3	4804.5902	43.02	-4.61	38.41	54.00	15.59	150	150	AV	Horizontal	PASS
4	7206.2103	41.60	-1.76	39.84	54.00	14.16	150	29	AV	Horizontal	PASS

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	46.82	-4.61	42.21	74.00	31.79	150	177	PK	Vertical	PASS
2	7206.2103	47.41	-1.76	45.65	74.00	28.35	150	0	PK	Vertical	PASS
3	4804.5902	40.28	-4.61	35.67	54.00	18.33	150	177	AV	Vertical	PASS
4	7206.2103	39.22	-1.76	37.46	54.00	16.54	150	177	AV	Vertical	PASS

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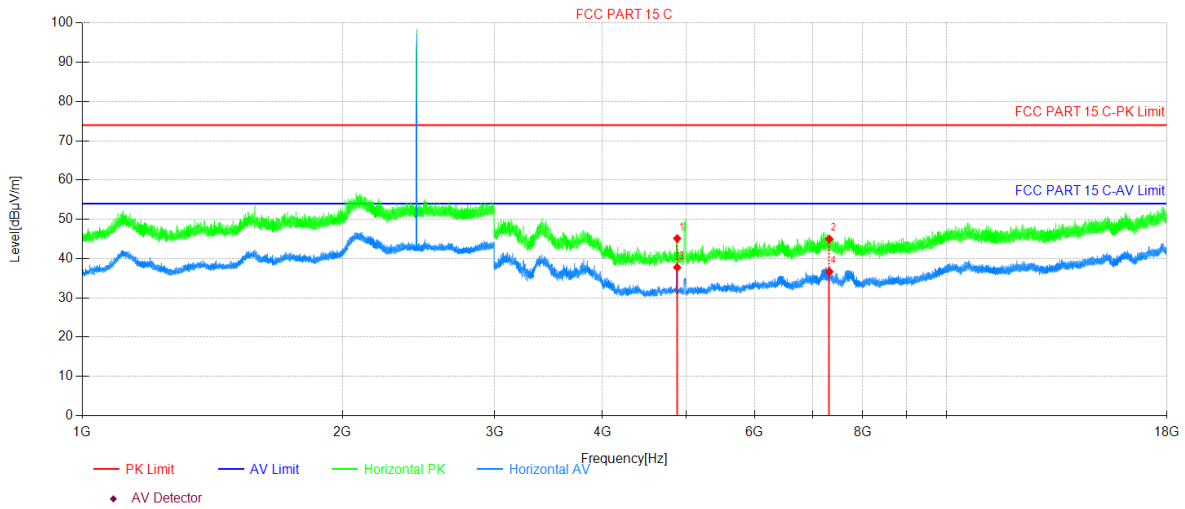
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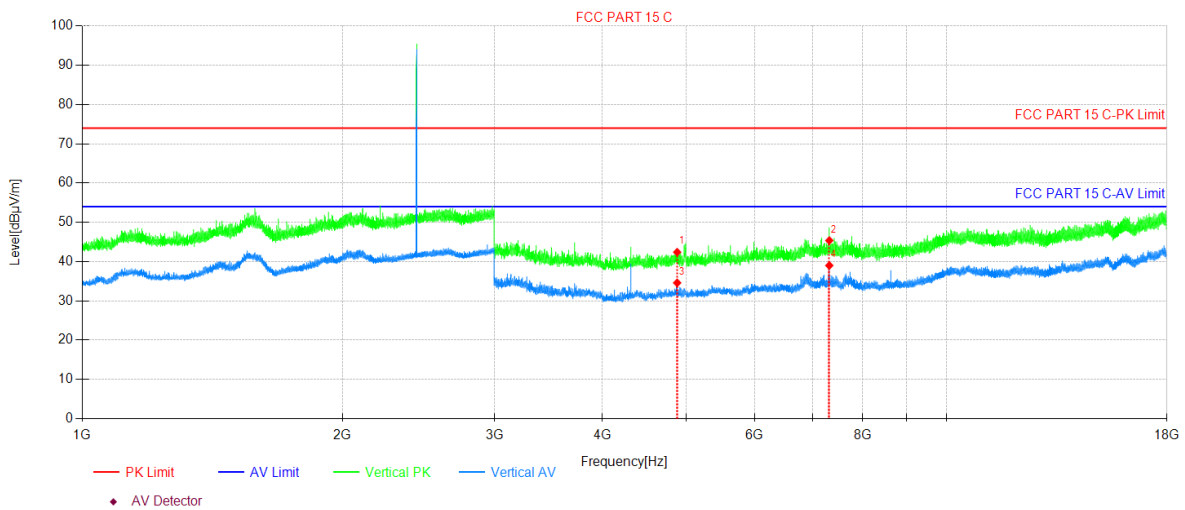
LE Code (S=8)\_ Middle Channel:

Test Graph



Data List											
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1	4880.344	49.84	-4.71	45.13	74.00	28.87	150	152	PK	Horizontal	PASS
2	7320.216	46.48	-1.49	44.99	74.00	29.01	150	165	PK	Horizontal	PASS
3	4880.344	42.46	-4.71	37.75	54.00	16.25	150	165	AV	Horizontal	PASS
4	7320.216	38.17	-1.49	36.68	54.00	17.32	150	70	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	47.11	-4.71	42.40	74.00	31.60	150	177	PK	Vertical	PASS
2	7320.216	46.86	-1.49	45.37	74.00	28.63	150	93	PK	Vertical	PASS
3	4880.344	39.30	-4.71	34.59	54.00	19.41	150	177	AV	Vertical	PASS
4	7320.216	40.50	-1.49	39.01	54.00	14.99	150	80	AV	Vertical	PASS

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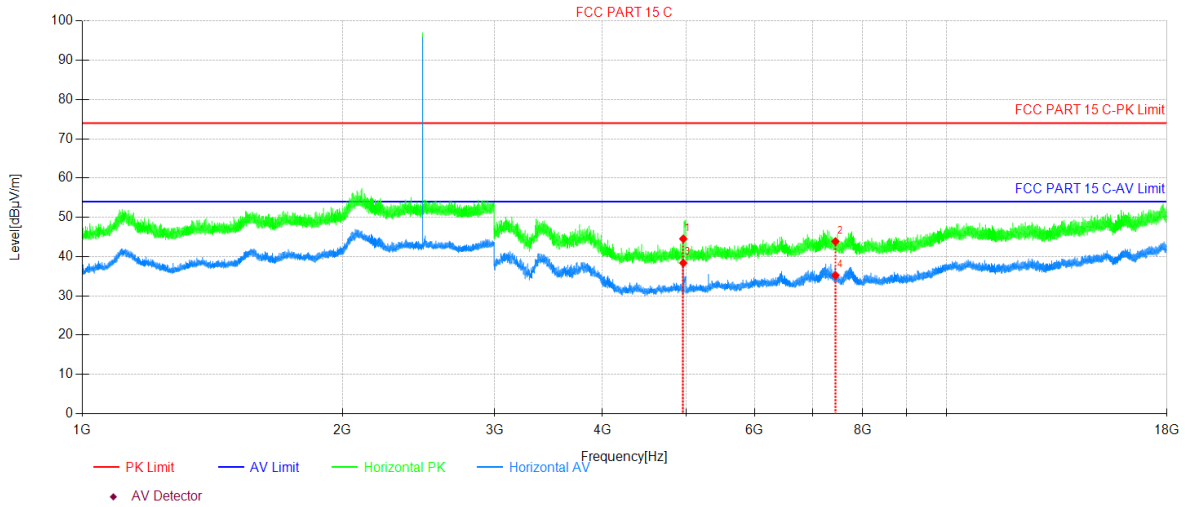
E-mail: info@uttlab.com

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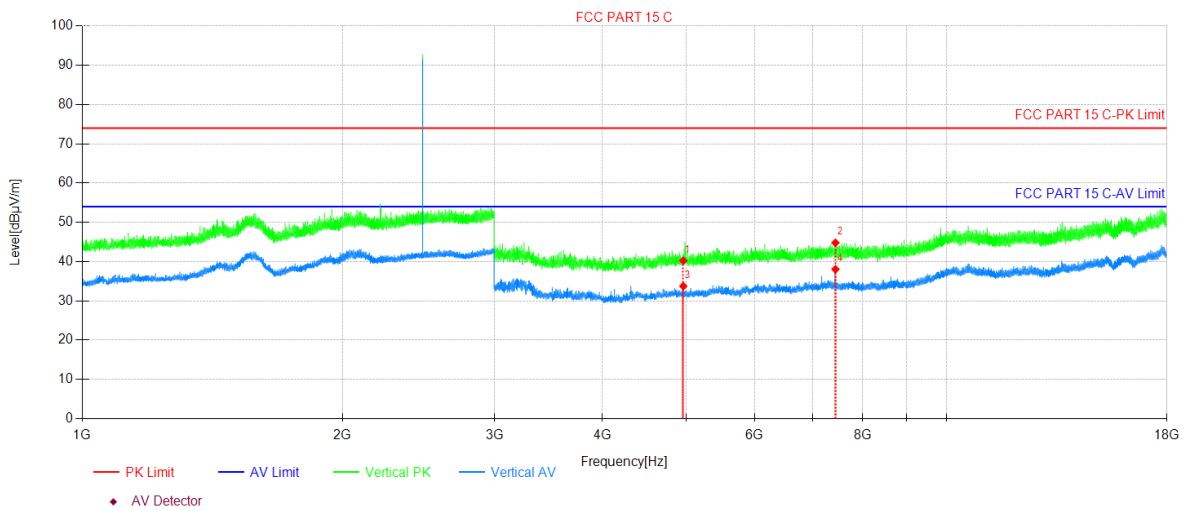
LE Code (S=8)\_ Highest Channel:

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	49.39	-4.86	44.53	74.00	29.47	150	149	PK	Horizontal	PASS
2	7440.222	45.20	-1.34	43.86	74.00	30.14	150	177	PK	Horizontal	PASS
3	4960.598	43.22	-4.86	38.36	54.00	15.64	150	163	AV	Horizontal	PASS
4	7440.222	36.57	-1.34	35.23	54.00	18.77	150	8	AV	Horizontal	PASS

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.09	-4.86	40.23	74.00	33.77	150	119	PK	Vertical	PASS
2	7440.222	46.13	-1.34	44.79	74.00	29.21	150	78	PK	Vertical	PASS
3	4960.598	38.60	-4.86	33.74	54.00	20.26	150	177	AV	Vertical	PASS
4	7440.222	39.40	-1.34	38.06	54.00	15.94	150	91	AV	Vertical	PASS

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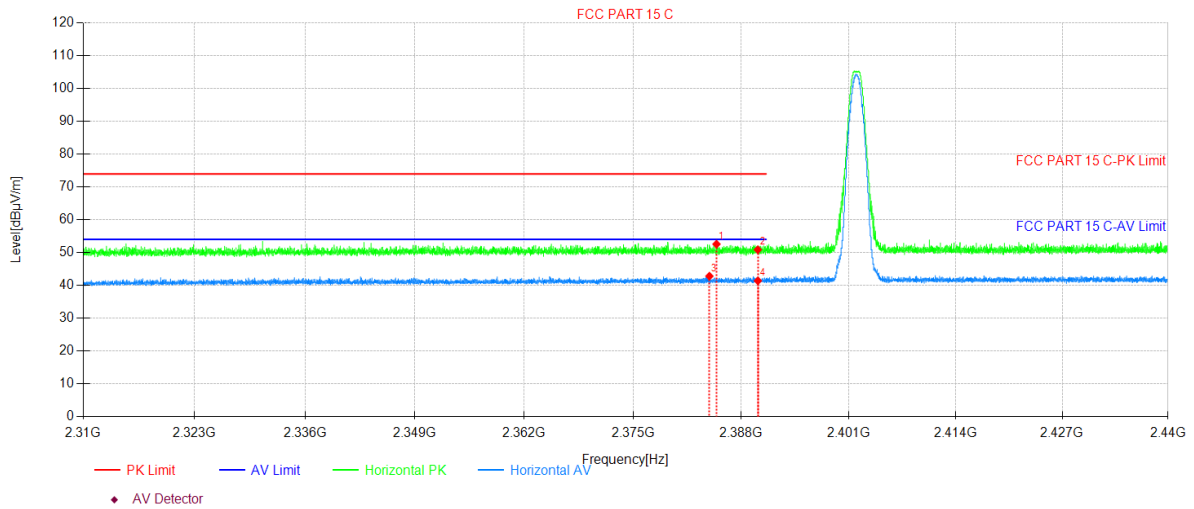
E-mail: info@uttlab.com

<http://www.uttlab.com>

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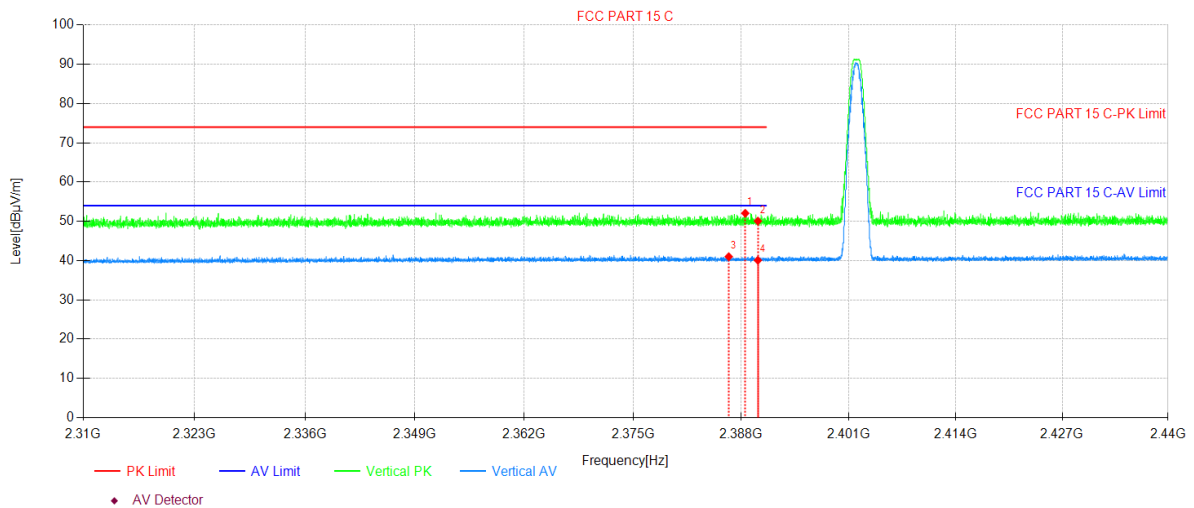
## A.6 BAND EDGE MEASUREMENTS (RADIATED)

### LE\_ Lowest Channel: Test Graph



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	2385.0305	53.38	-0.81	52.57	74.00	21.43	150	188	PK	Horizontal	PASS	
2	2390.01	51.67	-0.80	50.87	74.00	23.13	150	210	PK	Horizontal	PASS	
3	2384.1724	43.62	-0.82	42.80	54.00	11.20	150	188	AV	Horizontal	PASS	
4	2390.01	42.20	-0.80	41.40	54.00	12.60	150	188	AV	Horizontal	PASS	

### Test Graph



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	2388.4888	52.86	-0.80	52.06	74.00	21.94	150	58	PK	Vertical	PASS	
2	2390.01	50.88	-0.80	50.08	74.00	23.92	150	124	PK	Vertical	PASS	
3	2386.4997	41.81	-0.81	41.00	54.00	13.00	150	68	AV	Vertical	PASS	
4	2390.01	40.88	-0.80	40.08	54.00	13.92	150	13	AV	Vertical	PASS	

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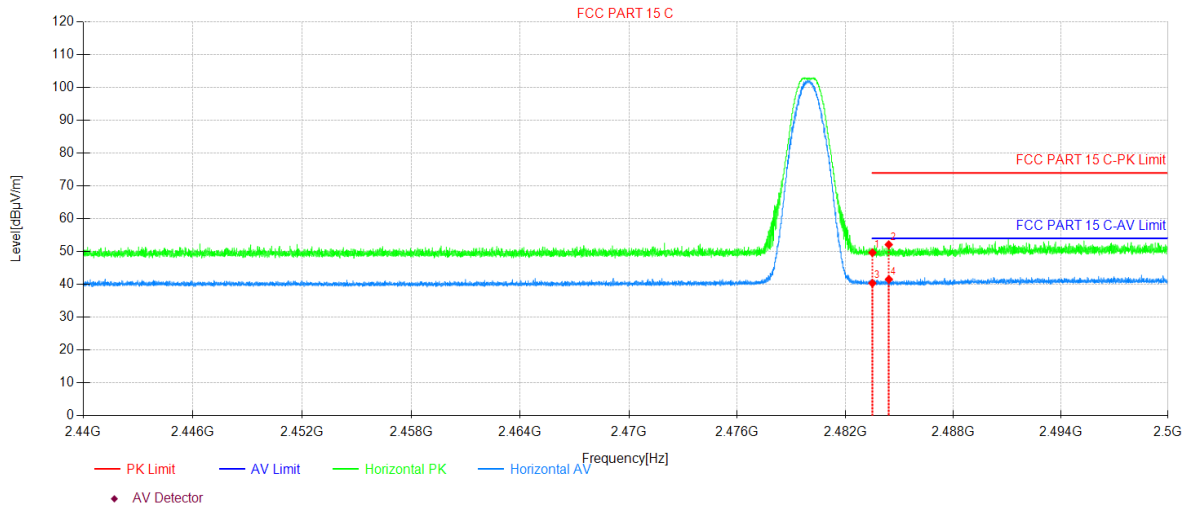
E-mail: info@uttlab.com

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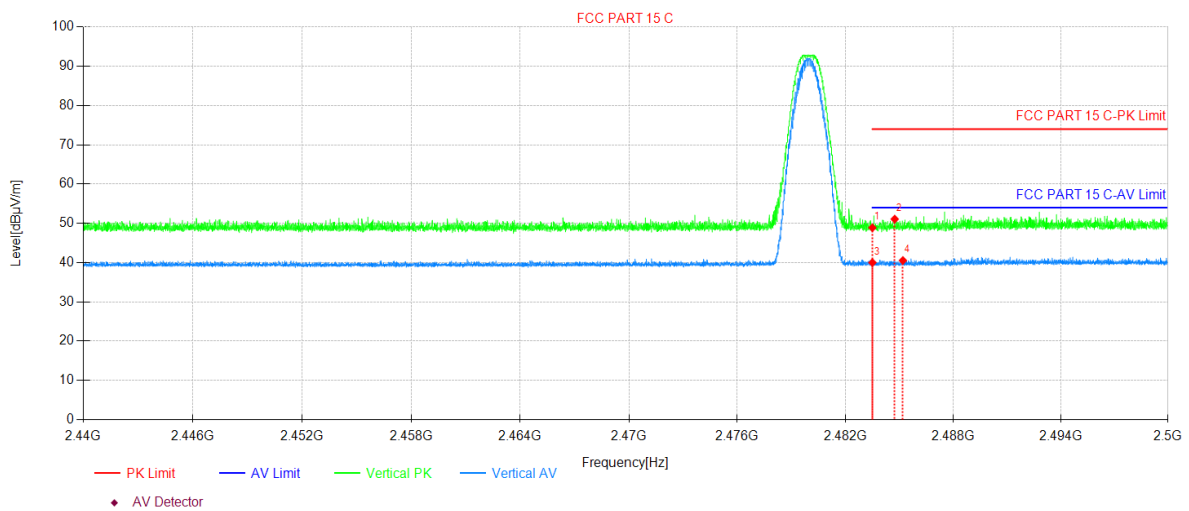
LE\_ Highest Channel:

Test Graph



Data List											
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1	2483.5044	49.96	-0.29	49.67	74.00	24.33	150	116	PK	Horizontal	PASS
2	2484.4164	52.39	-0.28	52.11	74.00	21.89	150	116	PK	Horizontal	PASS
3	2483.5044	40.65	-0.29	40.36	54.00	13.64	150	126	AV	Horizontal	PASS
4	2484.4224	41.80	-0.28	41.52	54.00	12.48	150	116	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	49.18	-0.29	48.89	74.00	25.11	150	260	PK	Vertical	PASS
2	2484.7465	51.35	-0.27	51.08	74.00	22.92	150	74	PK	Vertical	PASS
3	2483.5044	40.29	-0.29	40.00	54.00	14.00	150	74	AV	Vertical	PASS
4	2485.2025	40.81	-0.27	40.54	54.00	13.46	150	74	AV	Vertical	PASS

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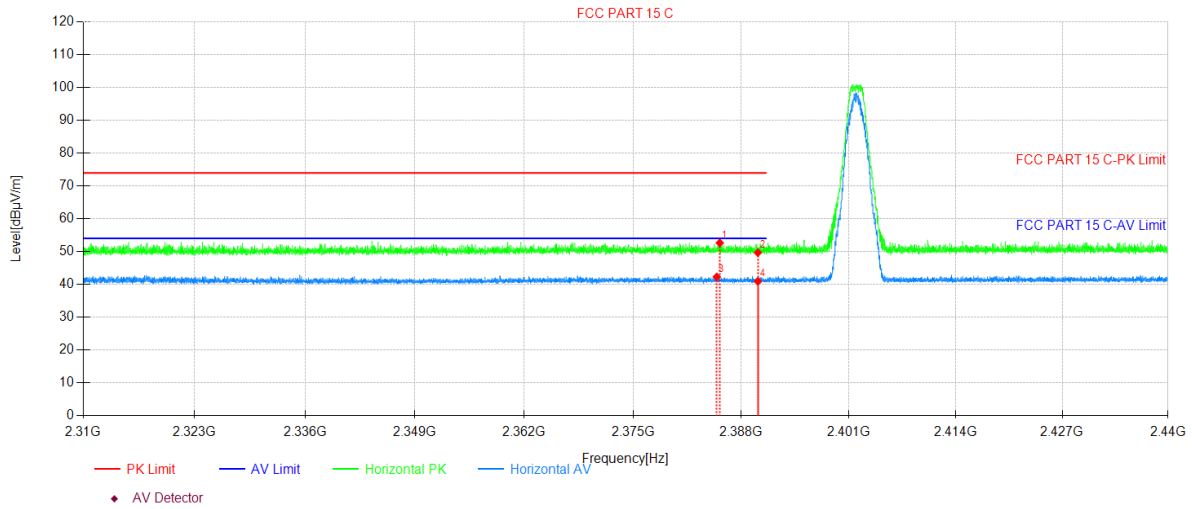
E-mail: info@uttlab.com

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2LE\_Lowest Channel:

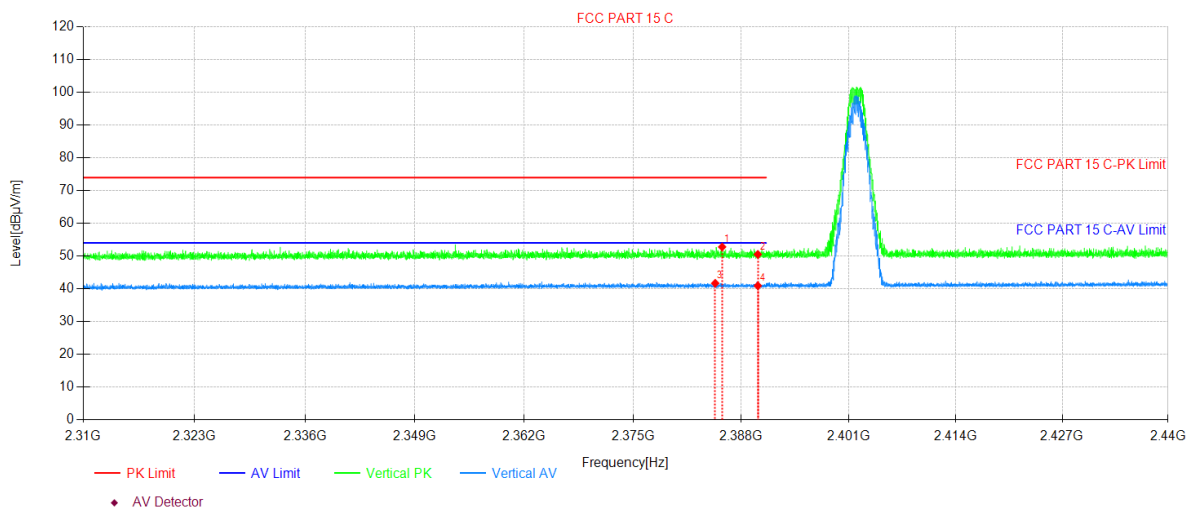
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2385.4205	53.45	-0.81	52.64	74.00	21.36	150	224	PK	Horizontal	PASS
2	2390.01	50.48	-0.80	49.68	74.00	24.32	150	233	PK	Horizontal	PASS
3	2385.0565	43.08	-0.81	42.27	54.00	11.73	150	184	AV	Horizontal	PASS
4	2390.01	41.72	-0.80	40.92	54.00	13.08	150	264	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2385.7066	53.60	-0.81	52.79	74.00	21.21	150	118	PK	Vertical	PASS
2	2390.01	51.32	-0.80	50.52	74.00	23.48	150	250	PK	Vertical	PASS
3	2384.8745	42.50	-0.82	41.68	54.00	12.32	150	39	AV	Vertical	PASS
4	2390.01	41.73	-0.80	40.93	54.00	13.07	150	138	AV	Vertical	PASS

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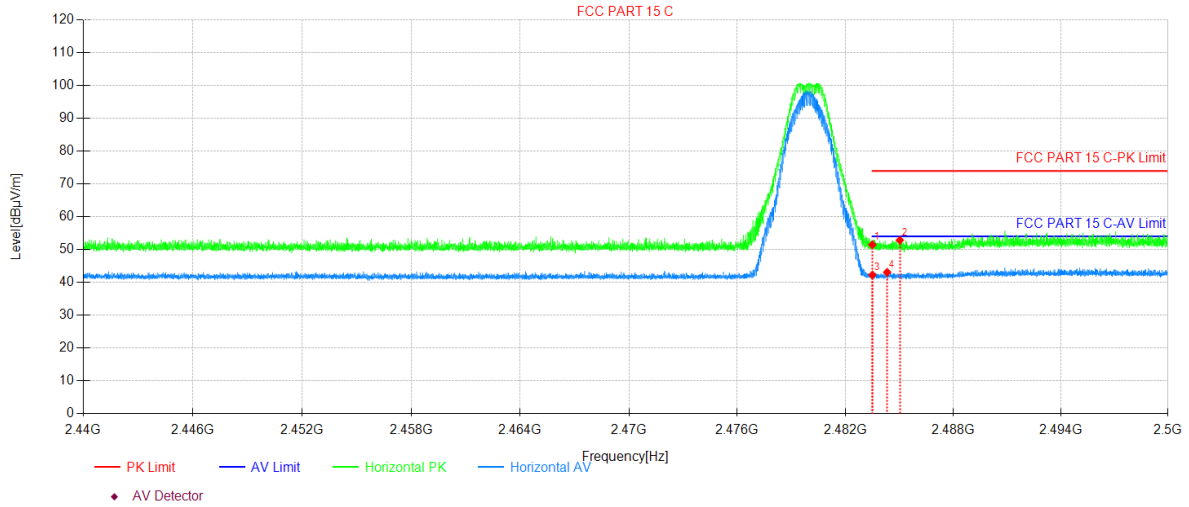
E-mail: info@uttlab.com

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2LE\_Highest Channel:

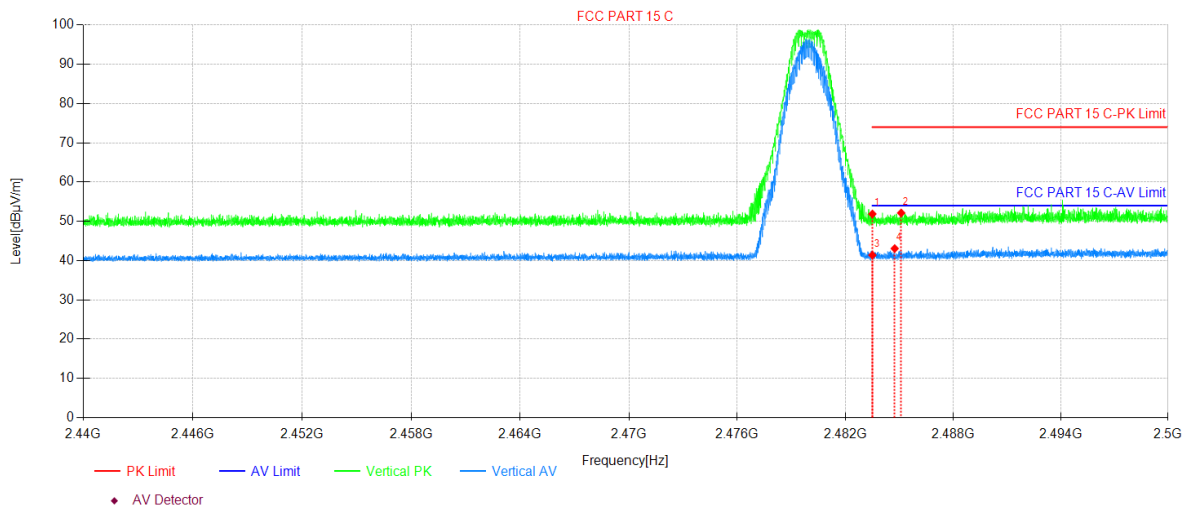
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	51.77	-0.29	51.48	74.00	22.52	150	203	PK	Horizontal	PASS
2	2485.0285	53.13	-0.27	52.86	74.00	21.14	150	102	PK	Horizontal	PASS
3	2483.5044	42.56	-0.29	42.27	54.00	11.73	150	194	AV	Horizontal	PASS
4	2484.3264	43.35	-0.28	43.07	54.00	10.93	150	194	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	52.16	-0.29	51.87	74.00	22.13	150	350	PK	Vertical	PASS
2	2485.1065	52.41	-0.27	52.14	74.00	21.86	150	339	PK	Vertical	PASS
3	2483.5044	41.67	-0.29	41.38	54.00	12.62	150	339	AV	Vertical	PASS
4	2484.7465	43.34	-0.27	43.07	54.00	10.93	150	350	AV	Vertical	PASS

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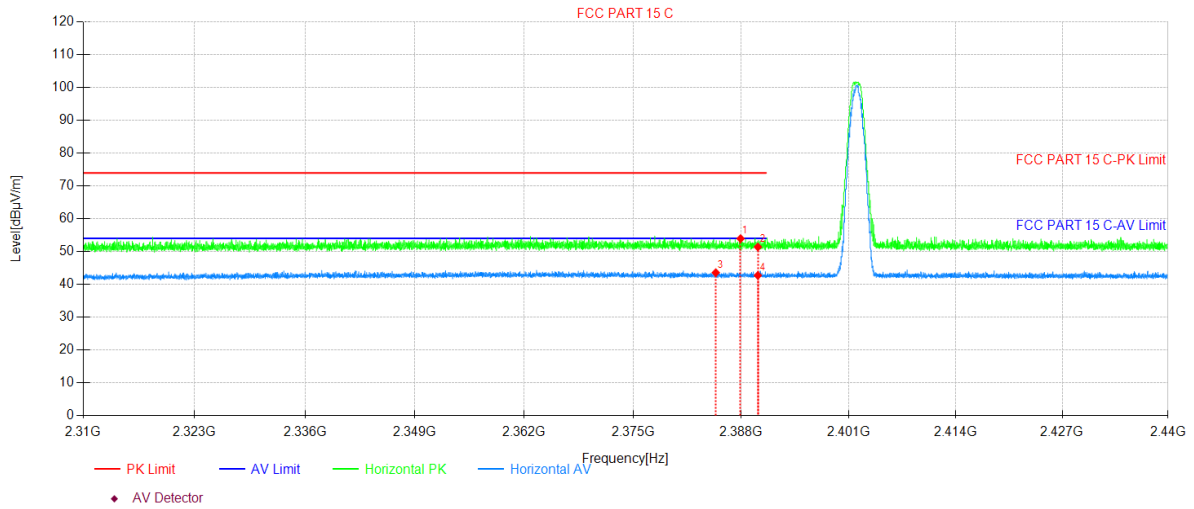
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LE Code (S=2)\_ Lowest Channel:

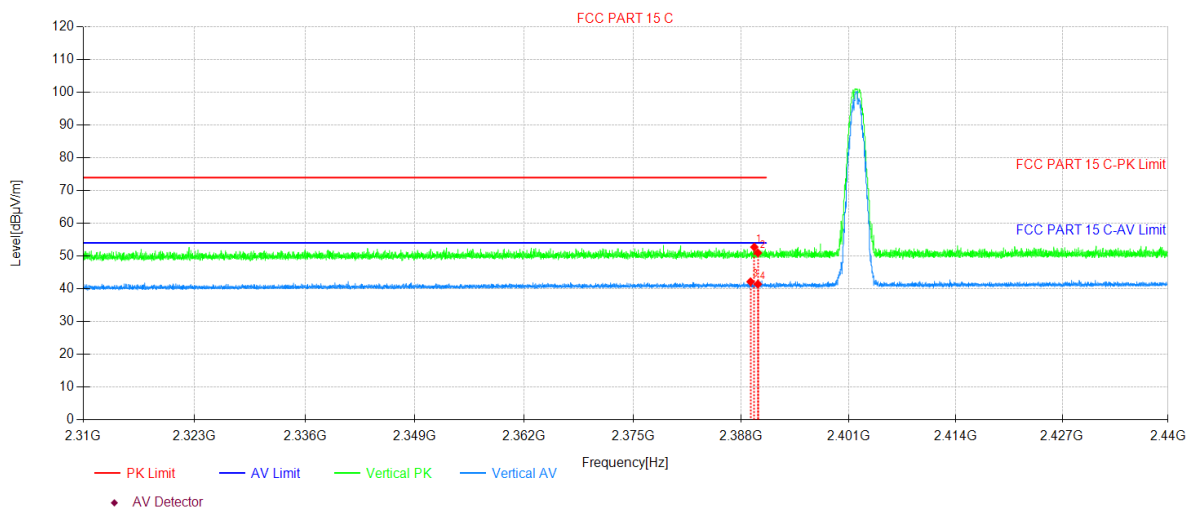
### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2387.9298	54.75	-0.80	53.95	74.00	20.05	150	103	PK	Horizontal	PASS
2	2390.01	52.20	-0.80	51.40	74.00	22.60	150	103	PK	Horizontal	PASS
3	2384.9395	44.39	-0.82	43.57	54.00	10.43	150	91	AV	Horizontal	PASS
4	2390.01	43.52	-0.80	42.72	54.00	11.28	150	103	AV	Horizontal	PASS

### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2389.581	53.55	-0.80	52.75	74.00	21.25	150	80	PK	Vertical	PASS
2	2390.01	51.79	-0.80	50.99	74.00	23.01	150	57	PK	Vertical	PASS
3	2389.1259	42.97	-0.80	42.17	54.00	11.83	150	68	AV	Vertical	PASS
4	2390.01	42.23	-0.80	41.43	54.00	12.57	150	22	AV	Vertical	PASS

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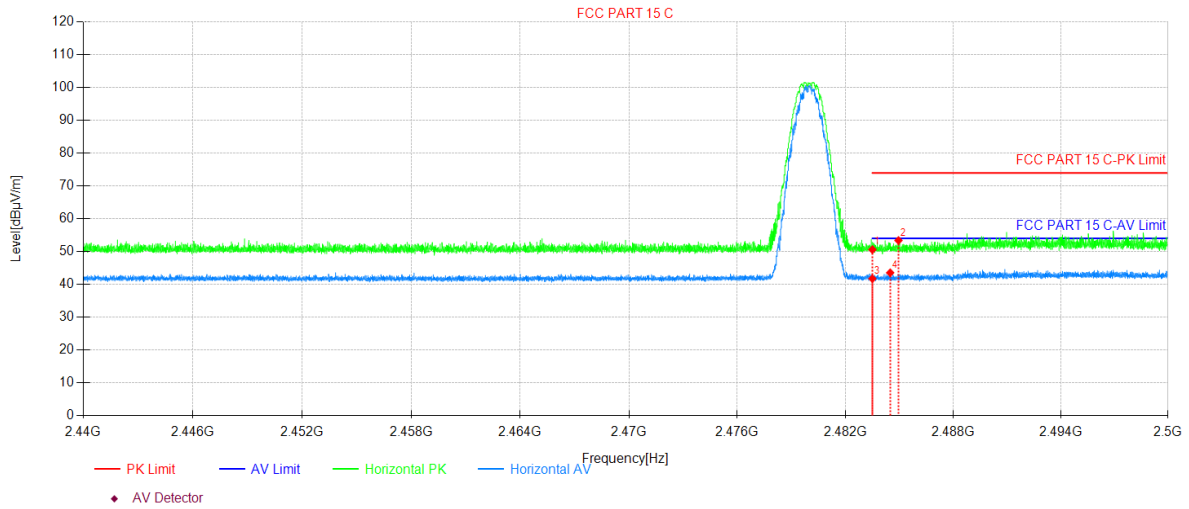
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<http://www.uttlab.com>

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LE Code (S=2)\_ Highest Channel:

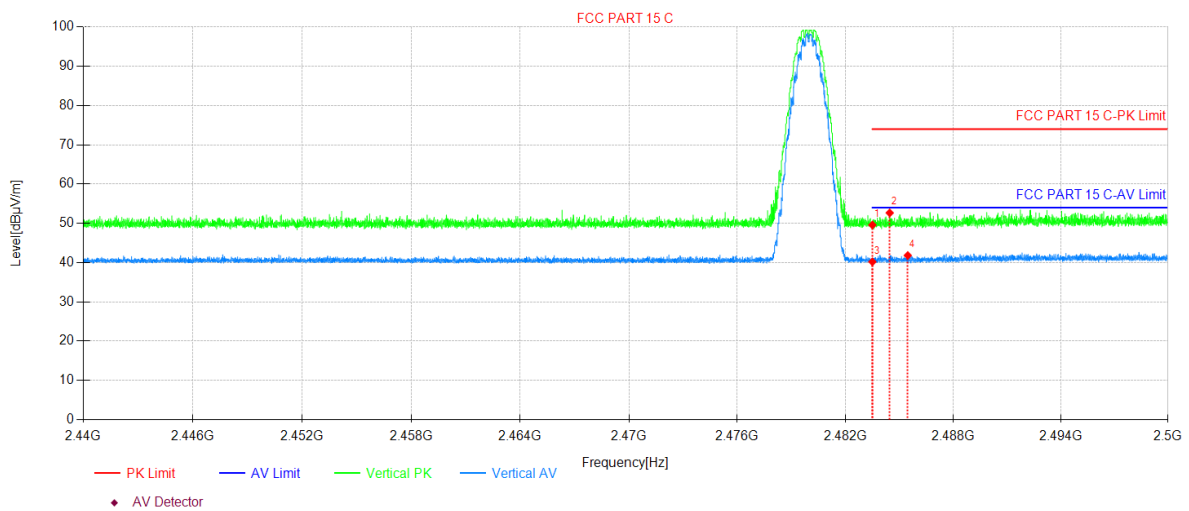
### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.89	-0.29	50.60	74.00	23.40	150	99	PK	Horizontal	PASS
2	2484.9565	53.66	-0.27	53.39	74.00	20.61	150	109	PK	Horizontal	PASS
3	2483.5044	42.03	-0.29	41.74	54.00	12.26	150	191	AV	Horizontal	PASS
4	2484.4944	43.82	-0.28	43.54	54.00	10.46	150	109	AV	Horizontal	PASS

### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	49.87	-0.29	49.58	74.00	24.42	150	292	PK	Vertical	PASS
2	2484.4704	52.94	-0.28	52.66	74.00	21.34	150	347	PK	Vertical	PASS
3	2483.5044	40.50	-0.29	40.21	54.00	13.79	150	137	AV	Vertical	PASS
4	2485.4725	42.09	-0.27	41.82	54.00	12.18	150	347	AV	Vertical	PASS

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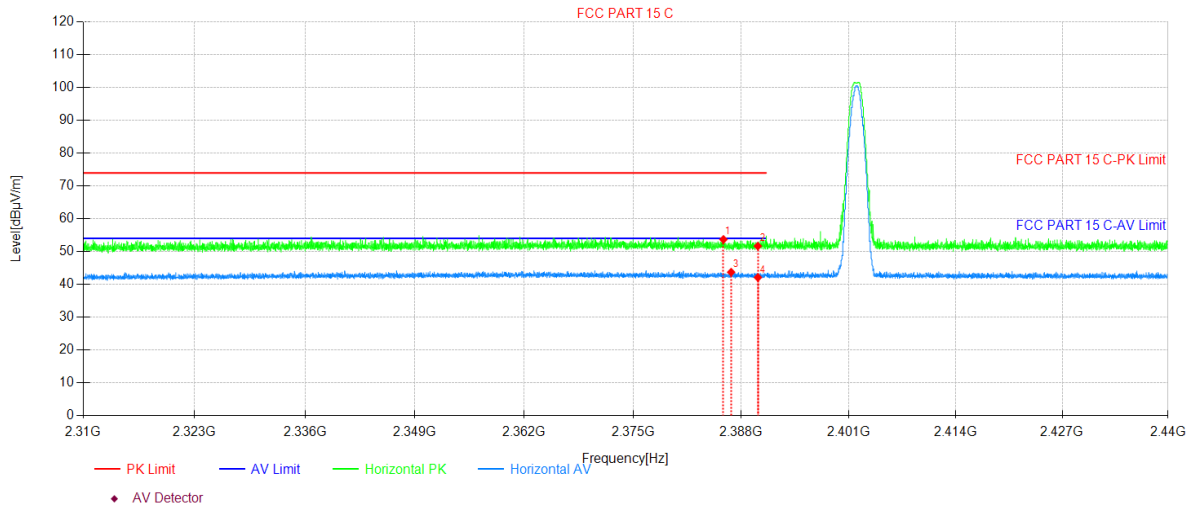
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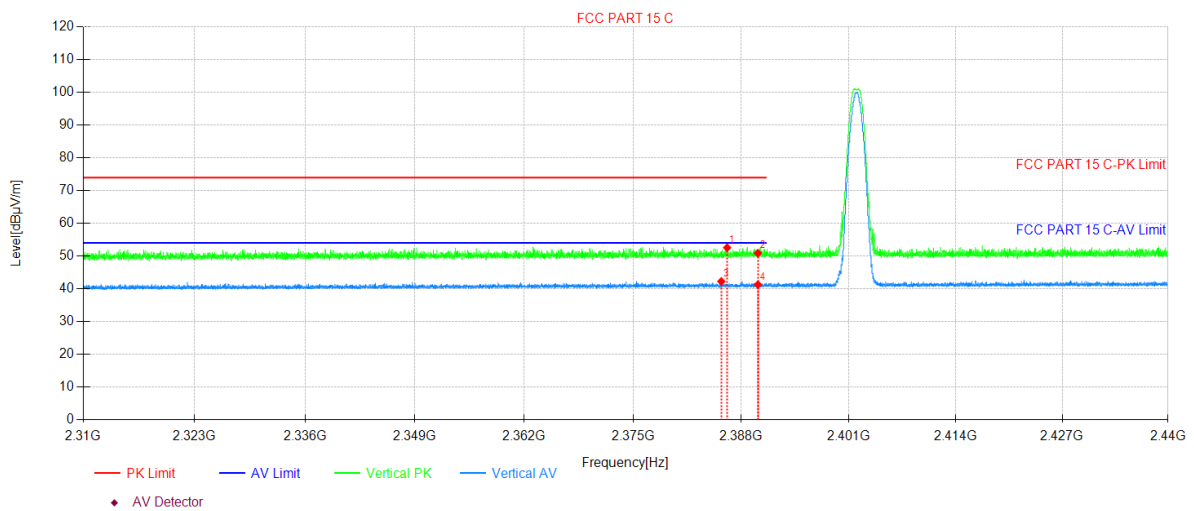
LE Code (S=8)\_ Lowest Channel:

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2385.8626	54.51	-0.81	53.70	74.00	20.30	150	99	PK	Horizontal	PASS
2	2390.01	52.47	-0.80	51.67	74.00	22.33	150	156	PK	Horizontal	PASS
3	2386.7857	44.52	-0.81	43.71	54.00	10.29	150	99	AV	Horizontal	PASS
4	2390.01	42.90	-0.80	42.10	54.00	11.90	150	122	AV	Horizontal	PASS

### Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2386.3046	53.36	-0.81	52.55	74.00	21.45	150	293	PK	Vertical	PASS
2	2390.01	51.68	-0.80	50.88	74.00	23.12	150	302	PK	Vertical	PASS
3	2385.6026	43.05	-0.81	42.24	54.00	11.76	150	129	AV	Vertical	PASS
4	2390.01	42.07	-0.80	41.27	54.00	12.73	150	89	AV	Vertical	PASS

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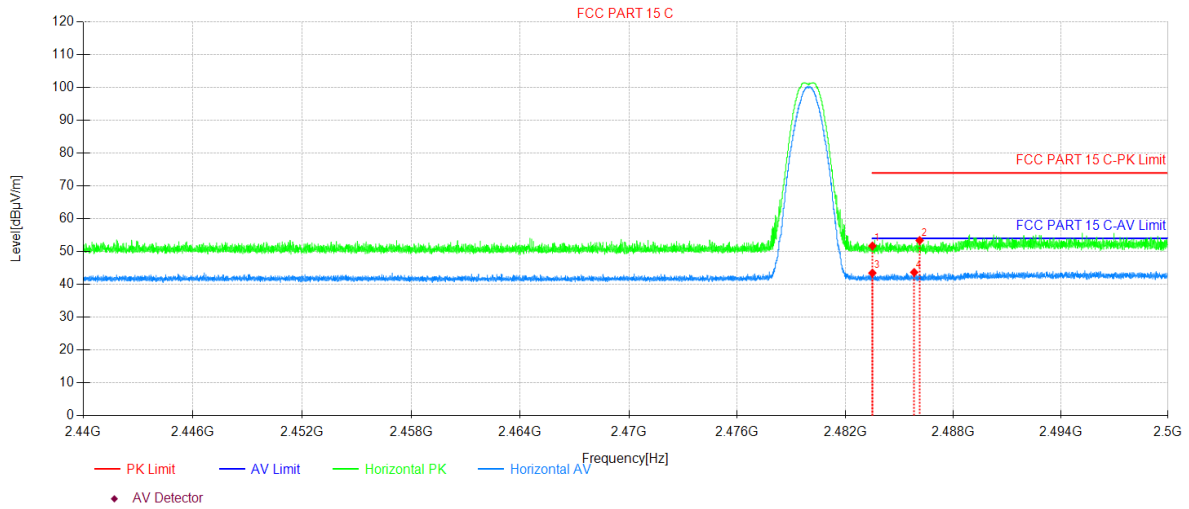
E-mail: info@uttlab.com

<http://www.uttlab.com>

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LE Code (S=8)\_ Highest Channel:

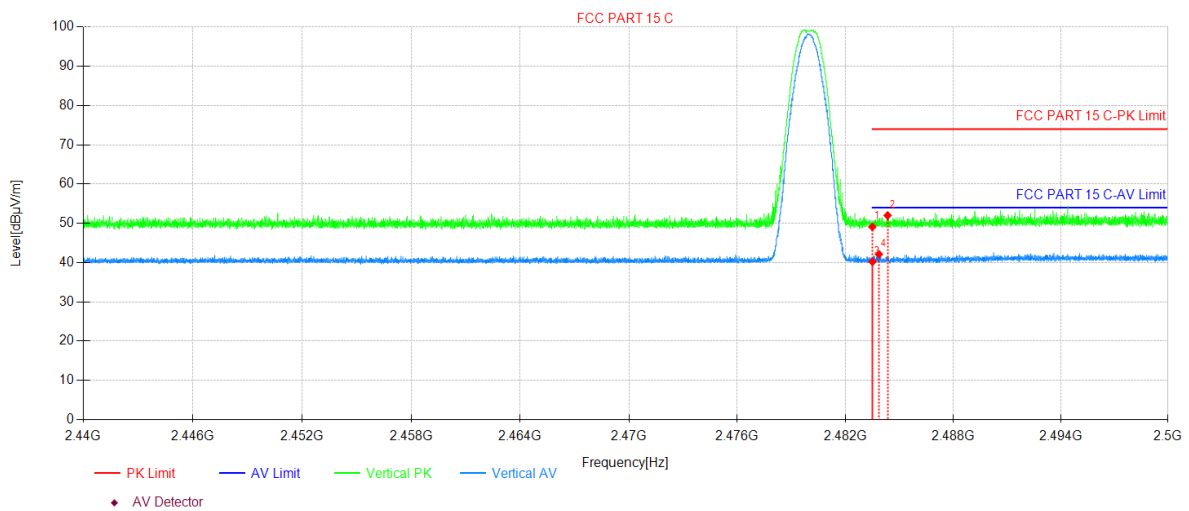
### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	52.01	-0.29	51.72	74.00	22.28	150	307	PK	Horizontal	PASS
2	2486.1326	53.66	-0.27	53.39	74.00	20.61	150	263	PK	Horizontal	PASS
3	2483.5044	43.74	-0.29	43.45	54.00	10.55	150	108	AV	Horizontal	PASS
4	2485.8326	43.93	-0.27	43.66	54.00	10.34	150	108	AV	Horizontal	PASS

### Test Graph



### Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	49.40	-0.29	49.11	74.00	24.89	150	348	PK	Vertical	PASS
2	2484.3504	52.29	-0.28	52.01	74.00	21.99	150	176	PK	Vertical	PASS
3	2483.5044	40.50	-0.29	40.21	54.00	13.79	150	282	AV	Vertical	PASS
4	2483.8644	42.41	-0.28	42.13	54.00	11.87	150	337	AV	Vertical	PASS

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**Remark:**

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Limit - Result
4. For Radiated Emission above 18GHz, there was not any unwanted emission detected.
5. The testing of Radiated Emissions was performed in Dongguan DN Testing Co., Ltd.



## APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

## APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

\*\*\* End of Report \*\*\*

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The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.

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