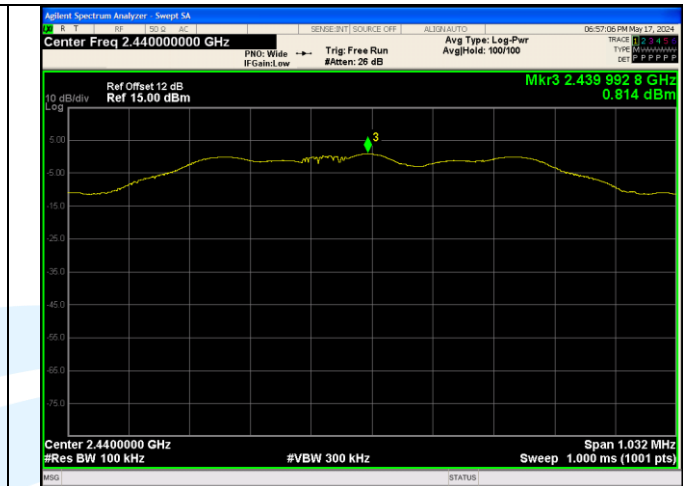
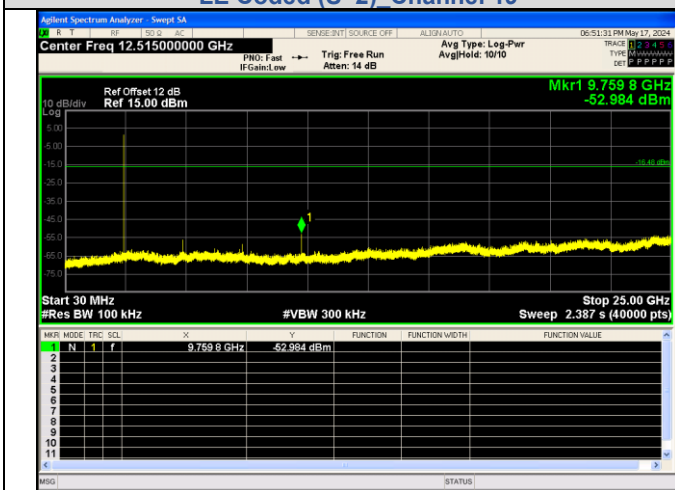


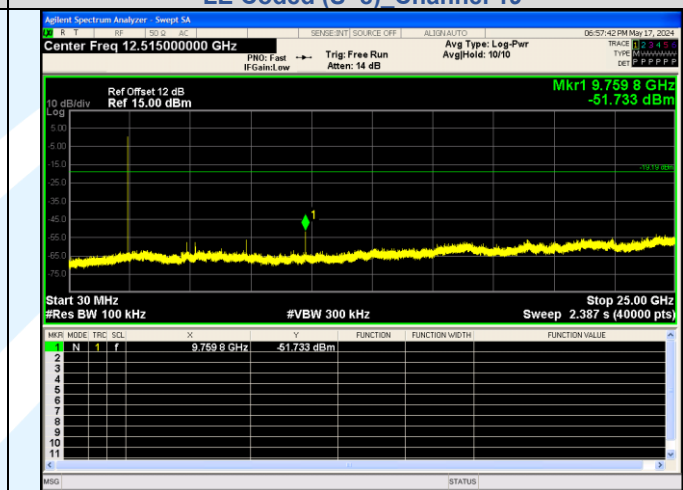
**In-Band Reference Level  
LE Coded (S=2) Channel 19**



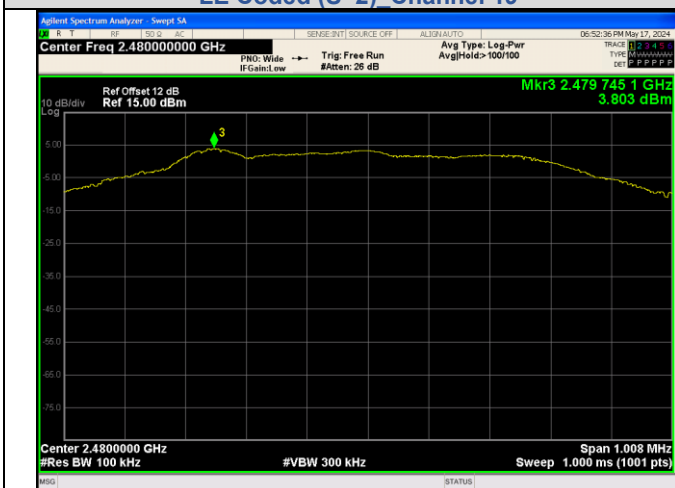
**In-Band Reference Level  
LE Coded (S=8) Channel 19**



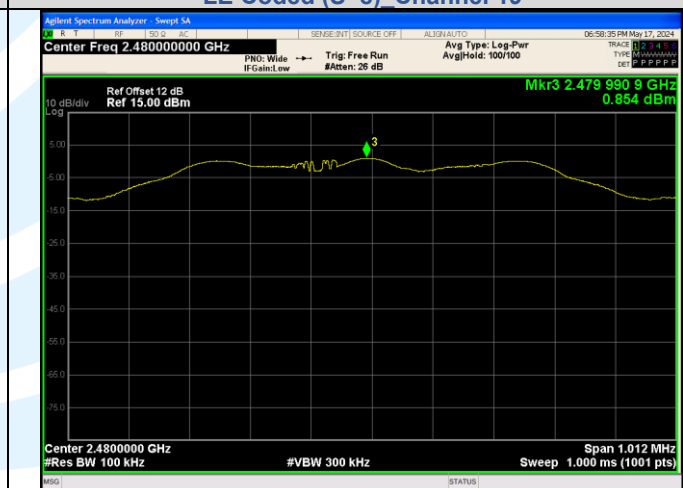
**30.0 MHz - 25000.0 MHz  
LE Coded (S=2) Channel 19**



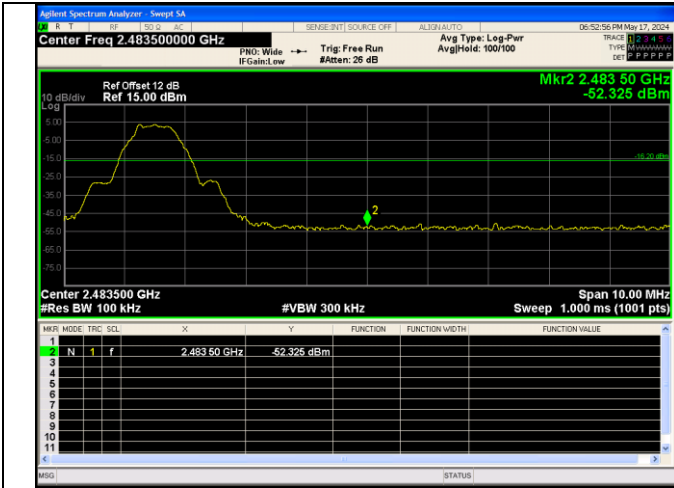
**30.0 MHz - 25000.0 MHz  
LE Coded (S=8) Channel 19**



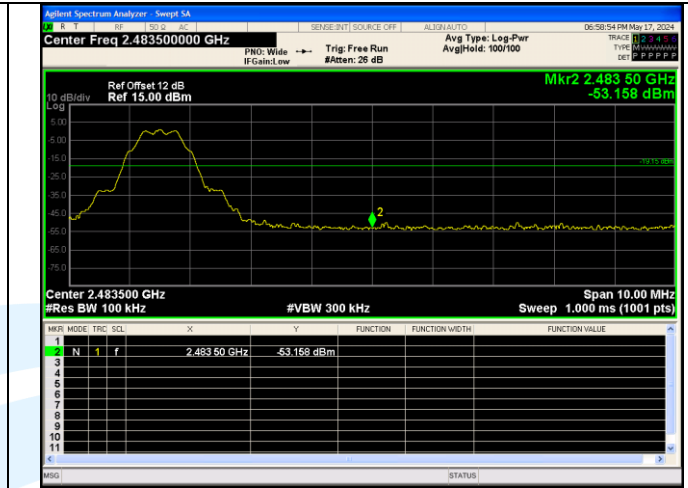
**In-Band Reference Level  
LE Coded (S=2) Channel 39**



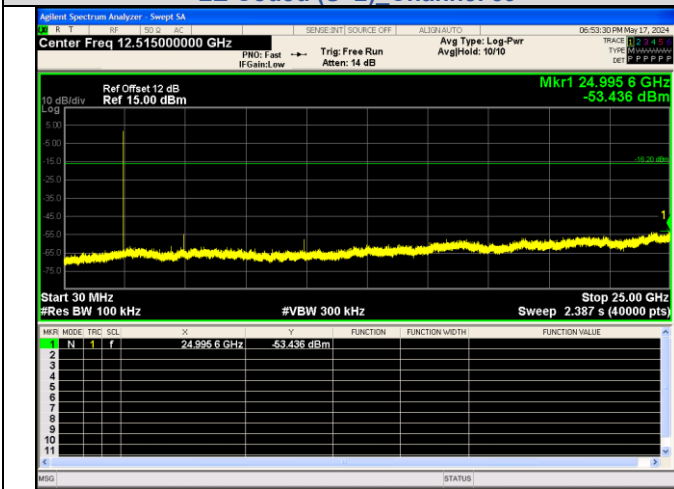
**In-Band Reference Level  
LE Coded (S=8) Channel 39**



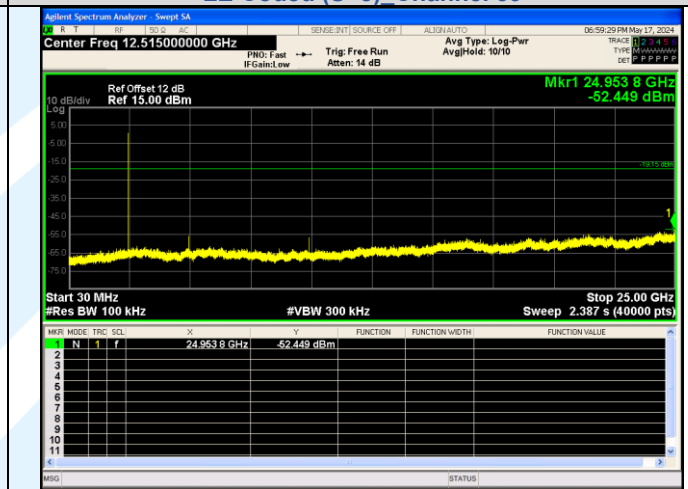
**Out Of Band Emission  
LE Coded (S=2) Channel 39**



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



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



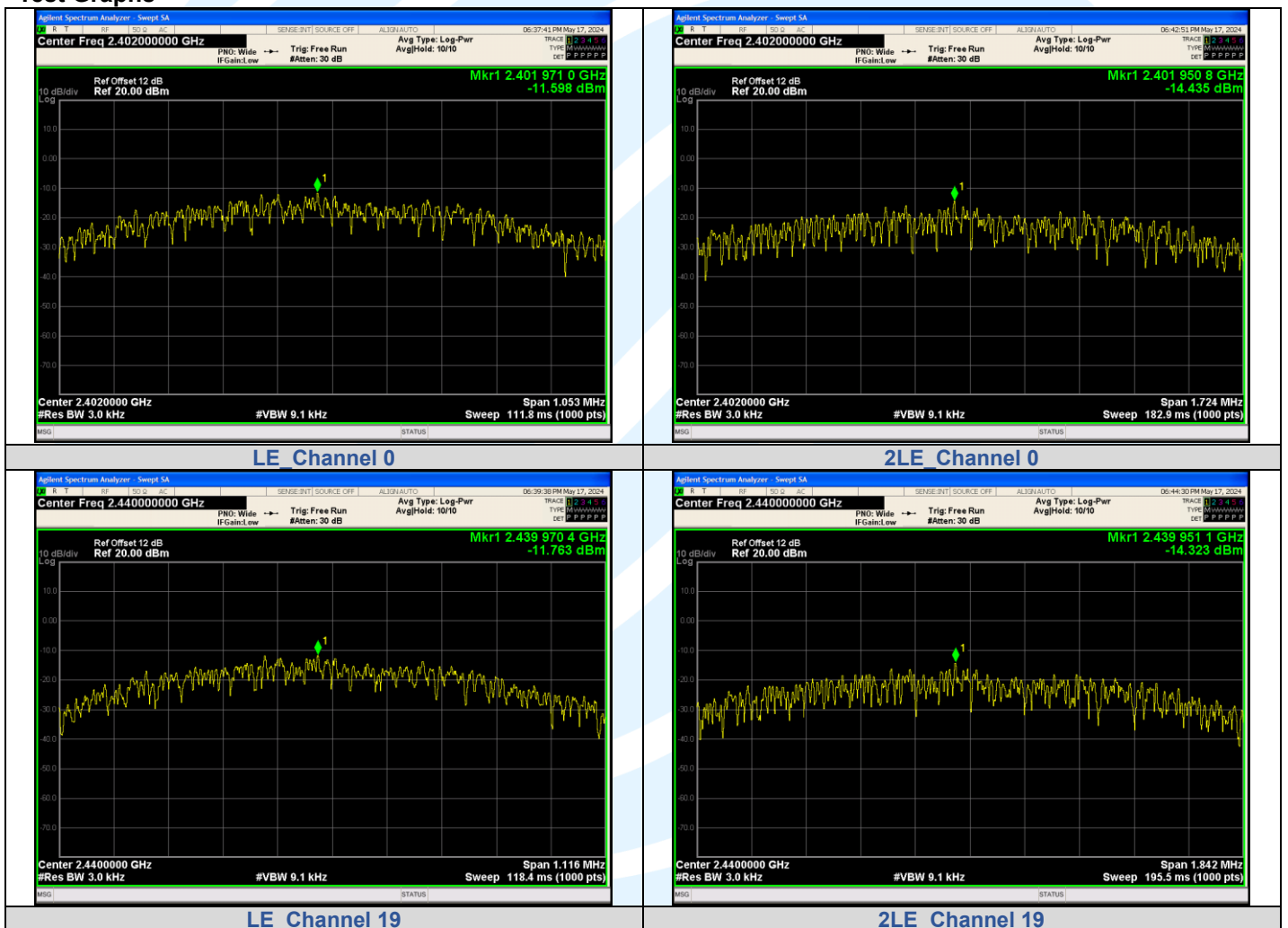
**30.0 MHz - 25000.0 MHz  
LE Coded (S=8) Channel 39**

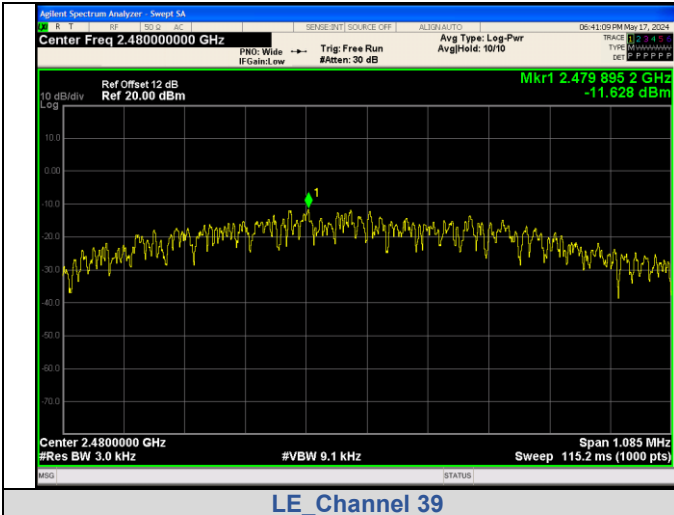
## A.4 POWER SPECTRAL DENSITY

### Test Result

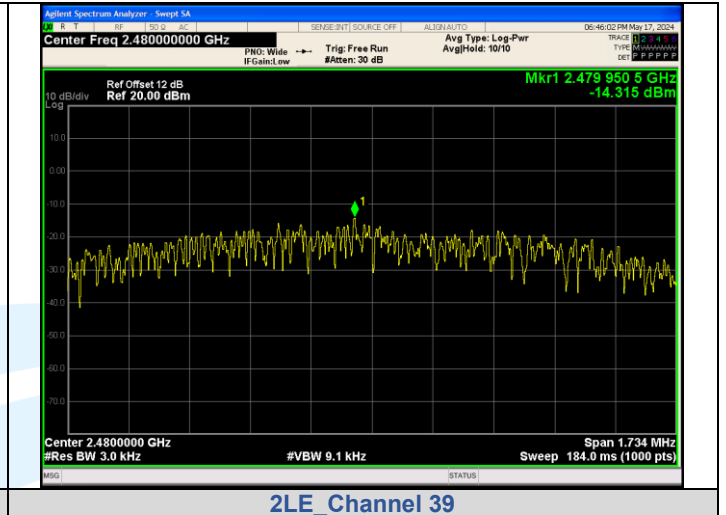
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-11.598	8	PASS
LE	19	-11.763	8	PASS
LE	39	-11.628	8	PASS
2LE	0	-14.435	8	PASS
2LE	19	-14.323	8	PASS
2LE	39	-14.315	8	PASS
LE Coded (S=2)	0	-2.651	8	PASS
LE Coded (S=2)	19	-2.894	8	PASS
LE Coded (S=2)	39	-2.623	8	PASS
LE Coded (S=8)	0	-2.446	8	PASS
LE Coded (S=8)	19	-2.656	8	PASS
LE Coded (S=8)	39	-2.373	8	PASS

### Test Graphs

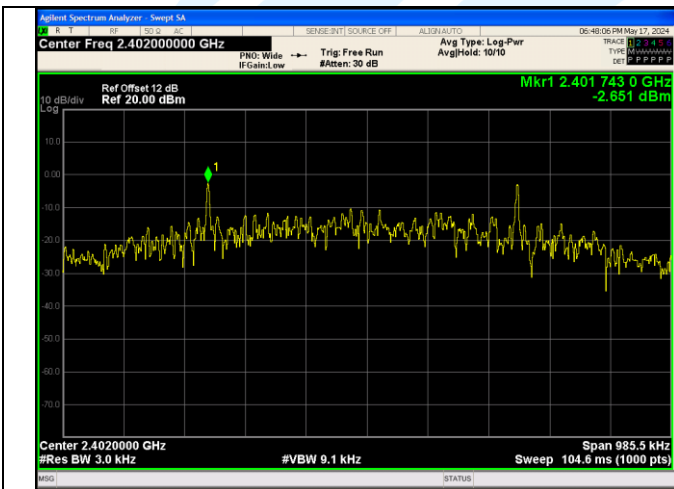




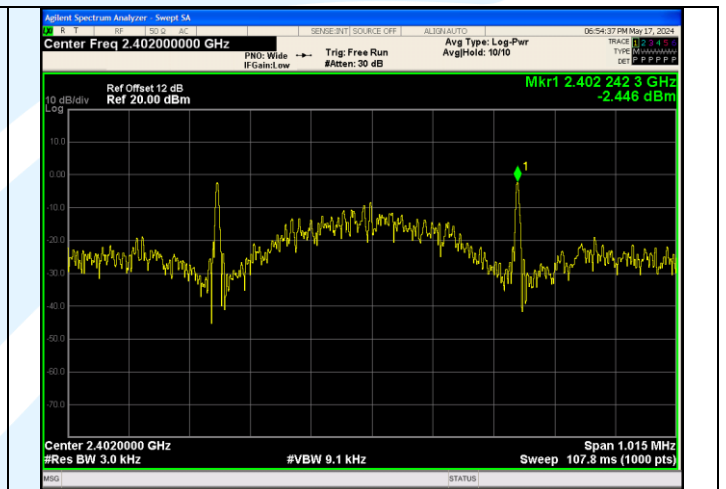
LE\_Channel 39



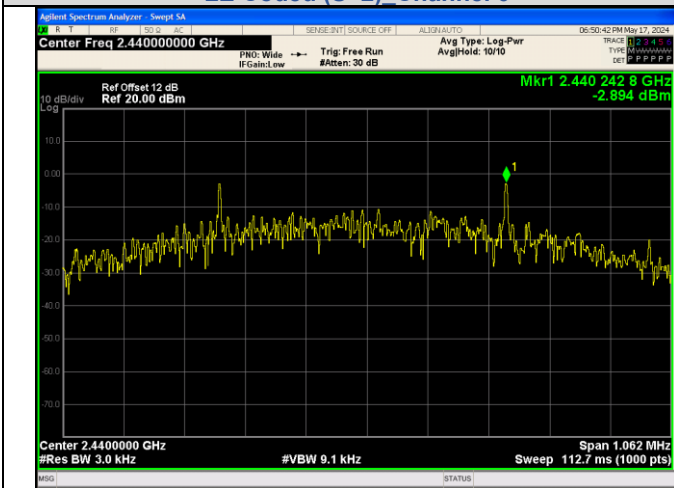
2LE\_Channel 39



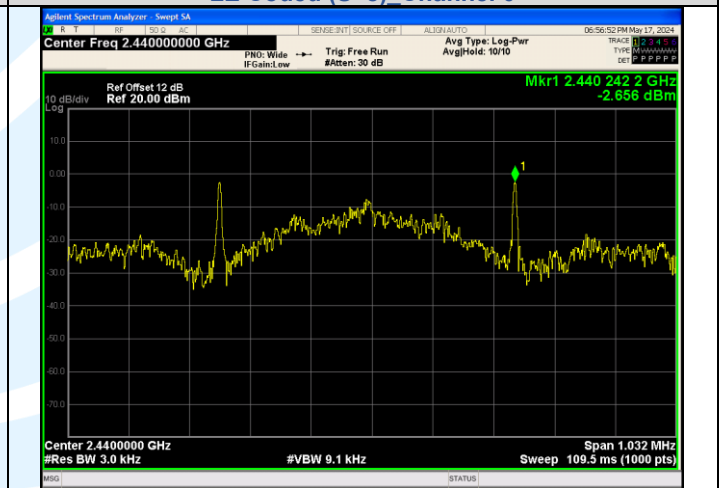
LE Coded (S=2) Channel 0



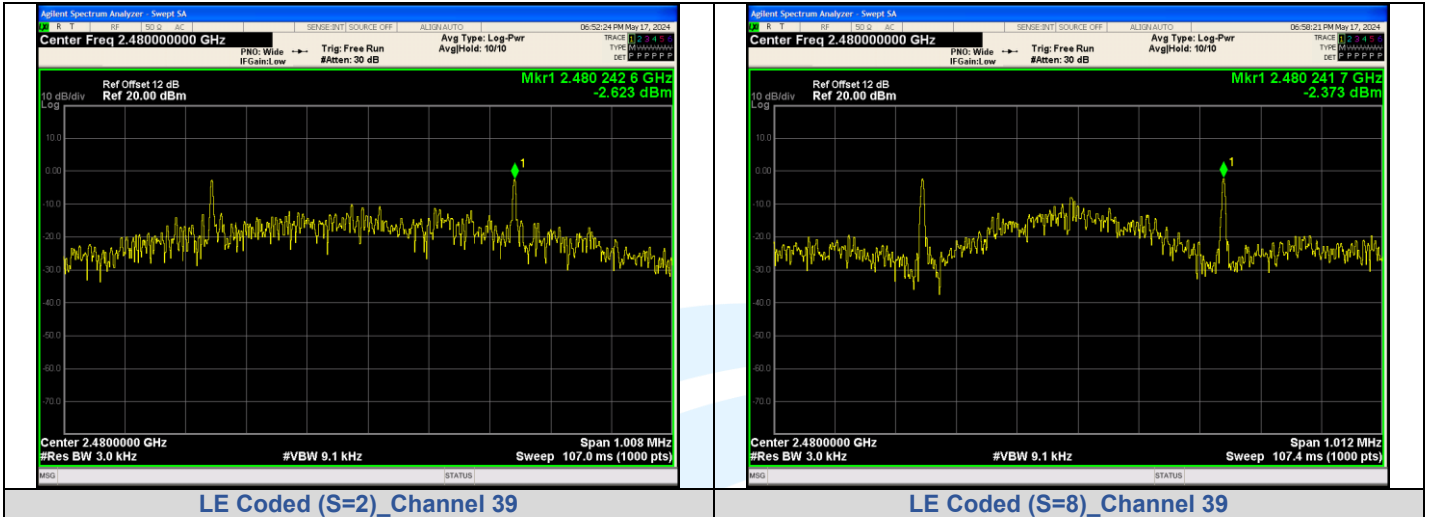
LE Coded (S=8) Channel 0



LE Coded (S=2) Channel 19



LE Coded (S=8) Channel 19



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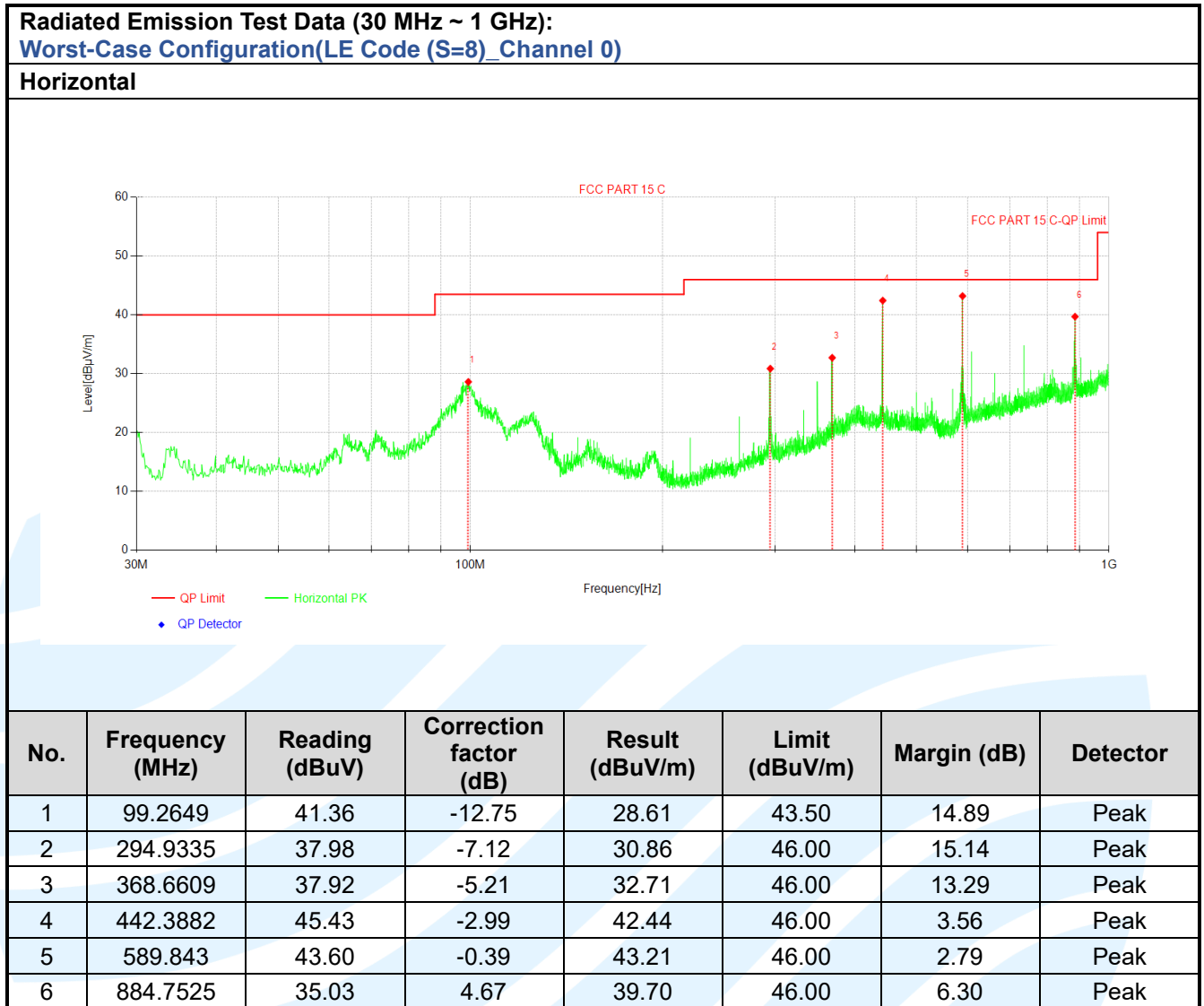
Fax: +86-755-28230886

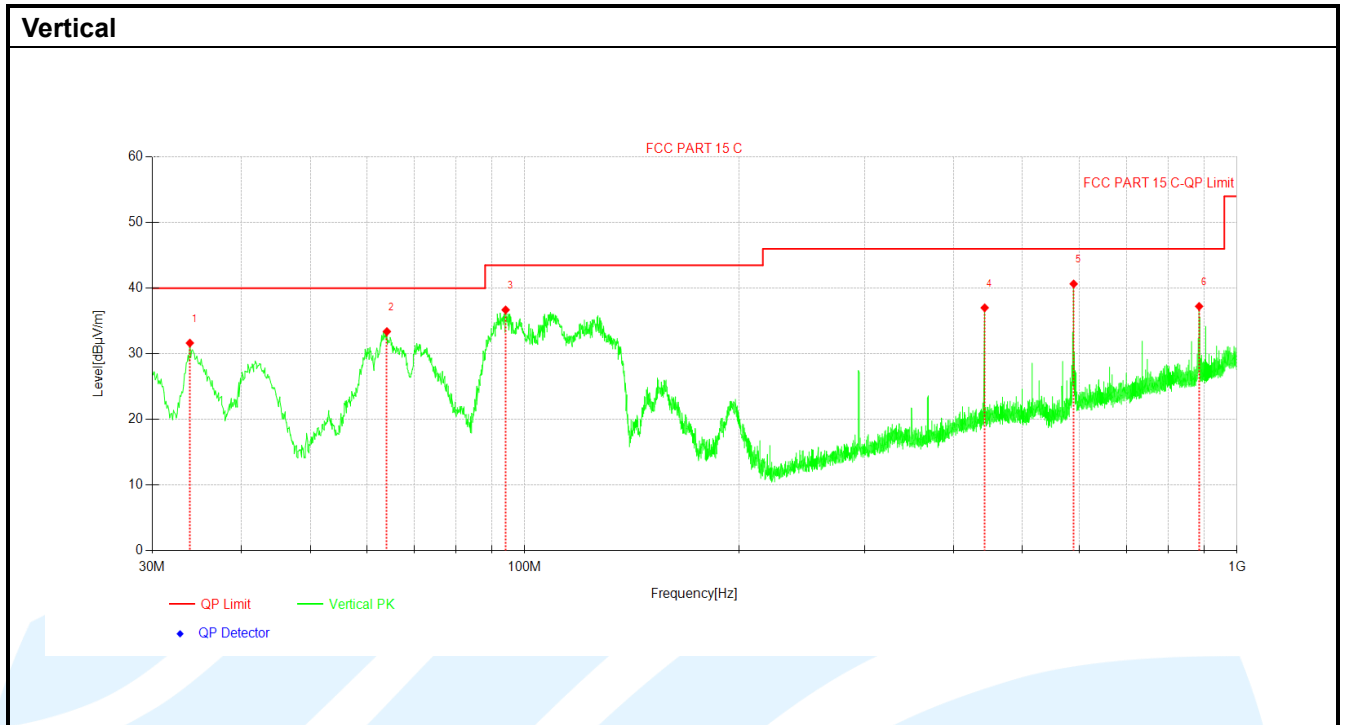
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### A.5 RADIATED SPURIOUS EMISSIONS





No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	33.8804	41.05	-9.41	31.64	40.00	8.36	Peak
2	64.0504	42.62	-9.23	33.39	40.00	6.61	Peak
3	94.0264	50.19	-13.50	36.69	43.50	6.81	Peak
4	442.3882	40.01	-2.99	37.02	46.00	8.98	Peak
5	589.843	41.05	-0.39	40.66	46.00	5.34	Peak
6	884.7525	32.56	4.67	37.23	46.00	8.77	Peak

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Fax: +86-755-28230886

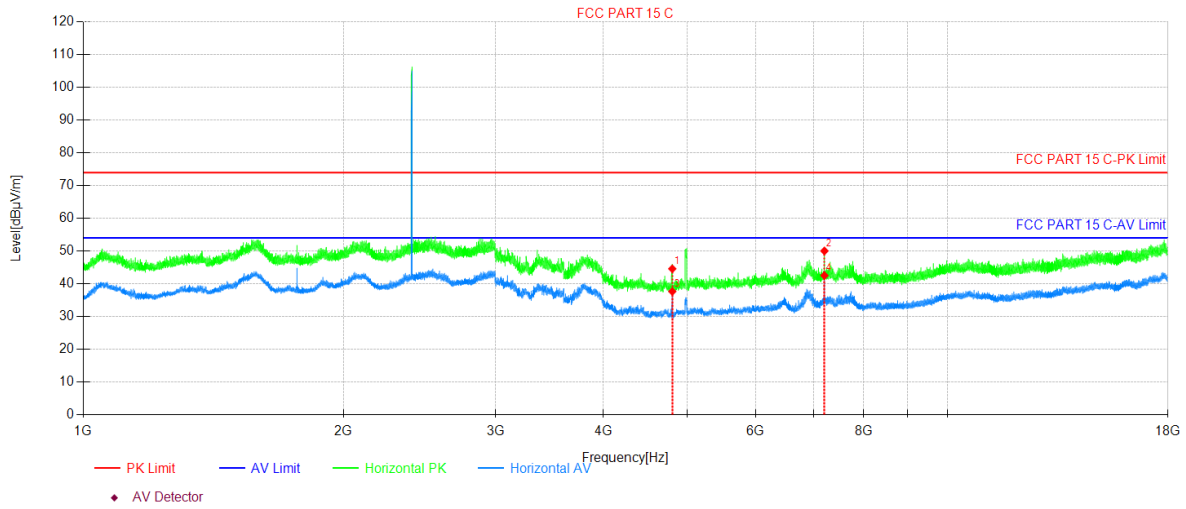
E-mail: info@uttlab.com

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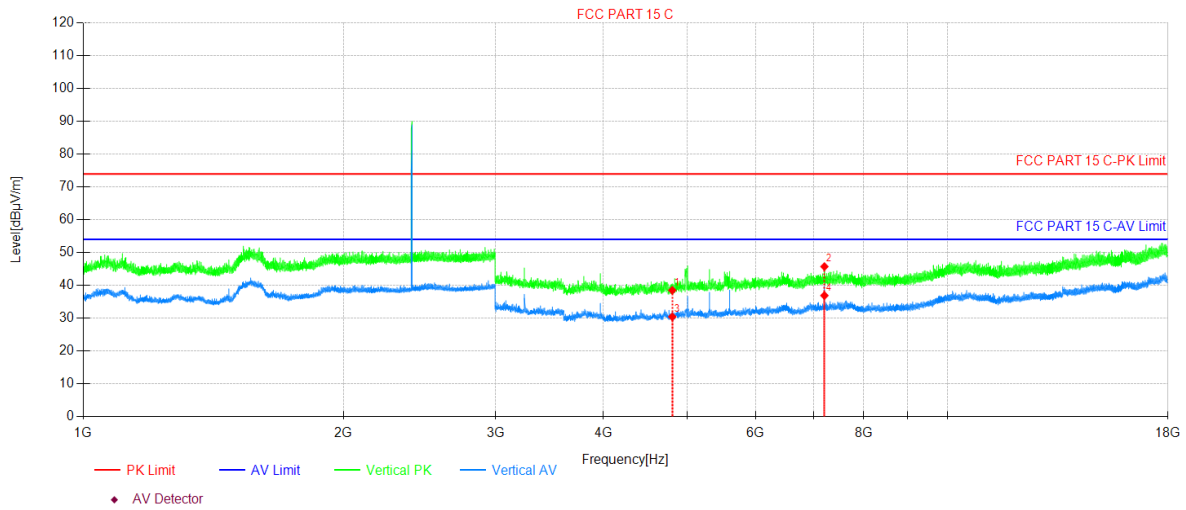
**Radiated Emission Test Data (Above 1GHz):**

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



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	49.19	-4.61	44.58	74.00	29.42	150	11	PK	Horizontal	PASS
2	7206.2103	51.80	-1.76	50.04	74.00	23.96	150	2	PK	Horizontal	PASS
3	4804.5902	42.27	-4.61	37.66	54.00	16.34	150	11	AV	Horizontal	PASS
4	7206.2103	44.28	-1.76	42.52	54.00	11.48	150	11	AV	Horizontal	PASS

**Test Graph**



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	43.10	-4.61	38.49	74.00	35.51	150	69	PK	Vertical	PASS
2	7206.2103	47.49	-1.76	45.73	74.00	28.27	150	82	PK	Vertical	PASS
3	4804.5902	35.04	-4.61	30.43	54.00	23.57	150	3	AV	Vertical	PASS
4	7206.2103	38.65	-1.76	36.89	54.00	17.11	150	138	AV	Vertical	PASS

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Fax: +86-755-28230886

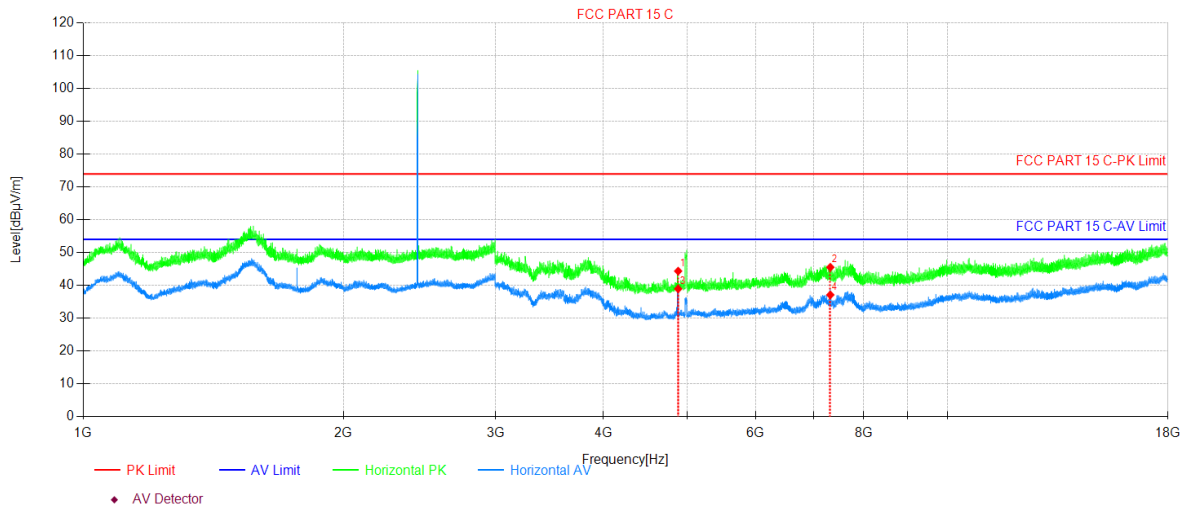
E-mail: info@uttlab.com

<http://www.uttlab.com>

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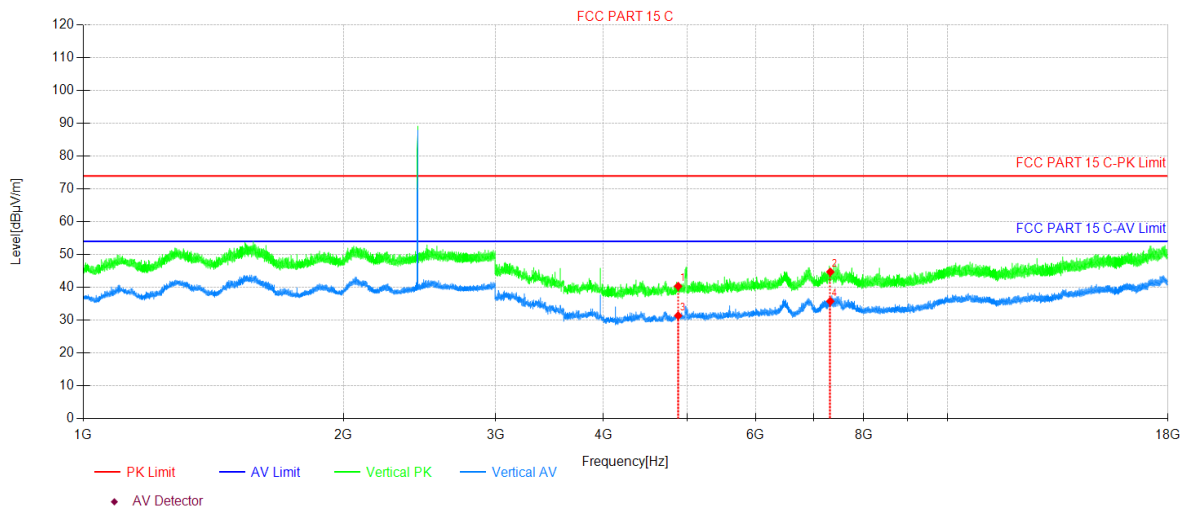


## LE\_Middle Channe: Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	49.06	-4.71	44.35	74.00	29.65	150	3	PK	Horizontal	PASS
2	7320.216	47.01	-1.49	45.52	74.00	28.48	150	14	PK	Horizontal	PASS
3	4880.344	43.63	-4.71	38.92	54.00	15.08	150	3	AV	Horizontal	PASS
4	7320.216	38.58	-1.49	37.09	54.00	16.91	150	42	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	45.06	-4.71	40.35	74.00	33.65	150	157	PK	Vertical	PASS
2	7320.216	46.20	-1.49	44.71	74.00	29.29	150	142	PK	Vertical	PASS
3	4880.344	36.07	-4.71	31.36	54.00	22.64	150	31	AV	Vertical	PASS
4	7320.216	37.24	-1.49	35.75	54.00	18.25	150	87	AV	Vertical	PASS

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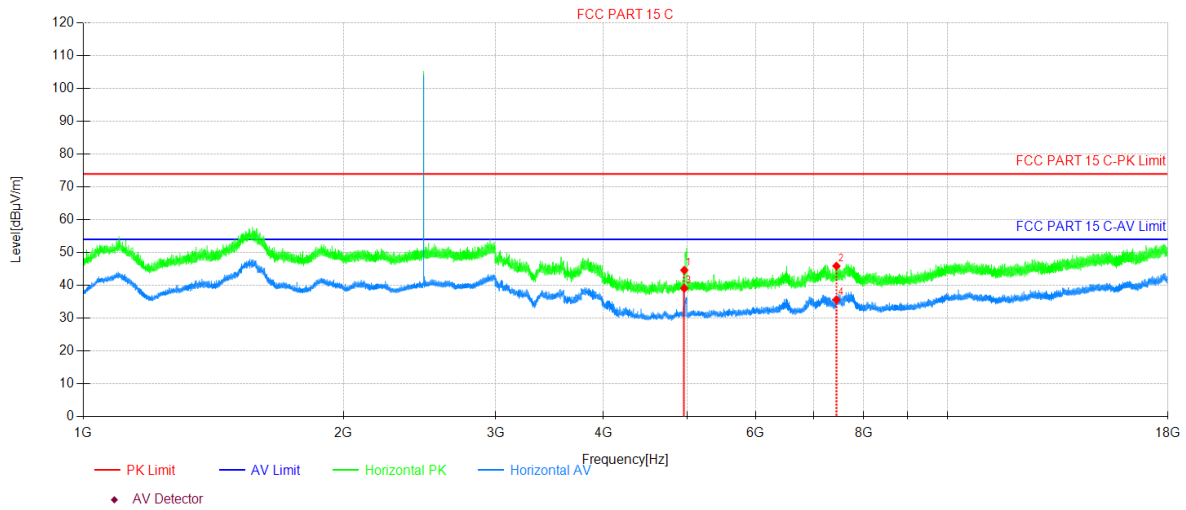
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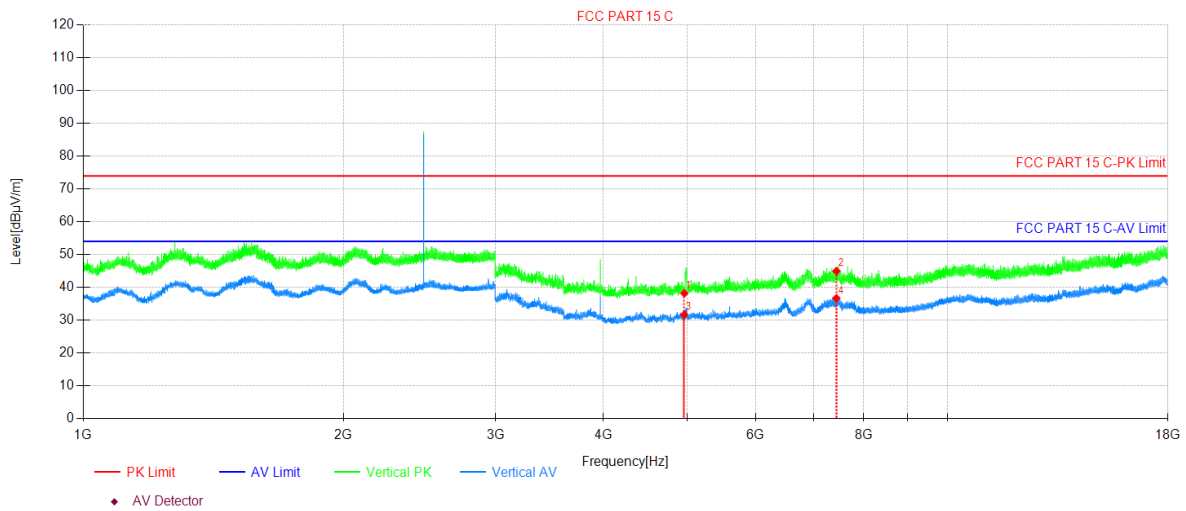
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## LE\_Highest Channel Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	49.48	-4.86	44.62	74.00	29.38	150	3	PK	Horizontal	PASS
2	7440.222	47.23	-1.34	45.89	74.00	28.11	150	96	PK	Horizontal	PASS
3	4960.598	43.96	-4.86	39.10	54.00	14.90	150	15	AV	Horizontal	PASS
4	7440.222	36.96	-1.34	35.62	54.00	18.38	150	96	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	43.04	-4.86	38.18	74.00	35.82	150	126	PK	Vertical	PASS
2	7440.222	46.31	-1.34	44.97	74.00	29.03	150	139	PK	Vertical	PASS
3	4960.598	36.49	-4.86	31.63	54.00	22.37	150	99	AV	Vertical	PASS
4	7440.222	38.02	-1.34	36.68	54.00	17.32	150	139	AV	Vertical	PASS

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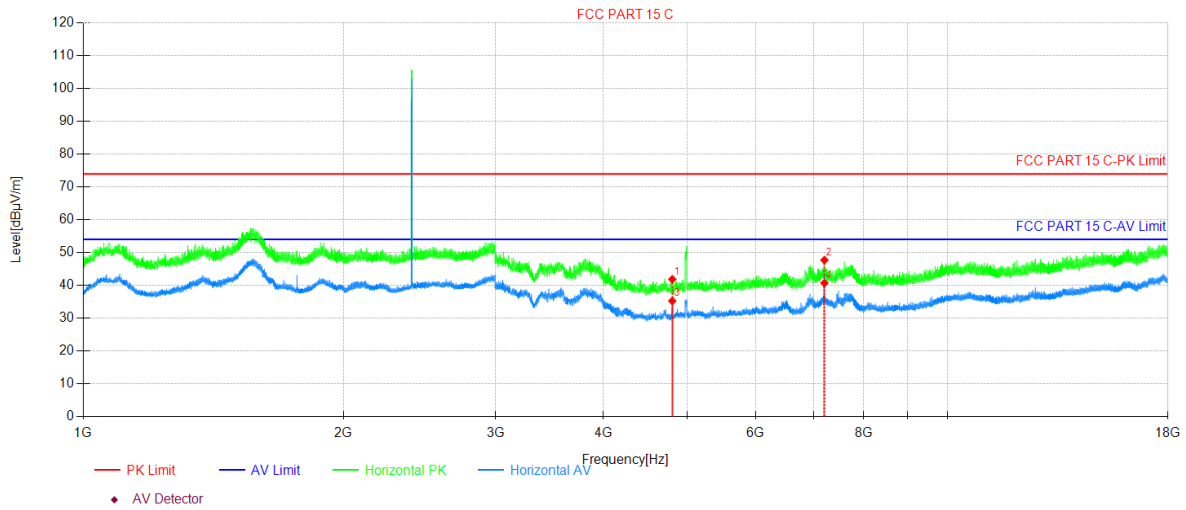
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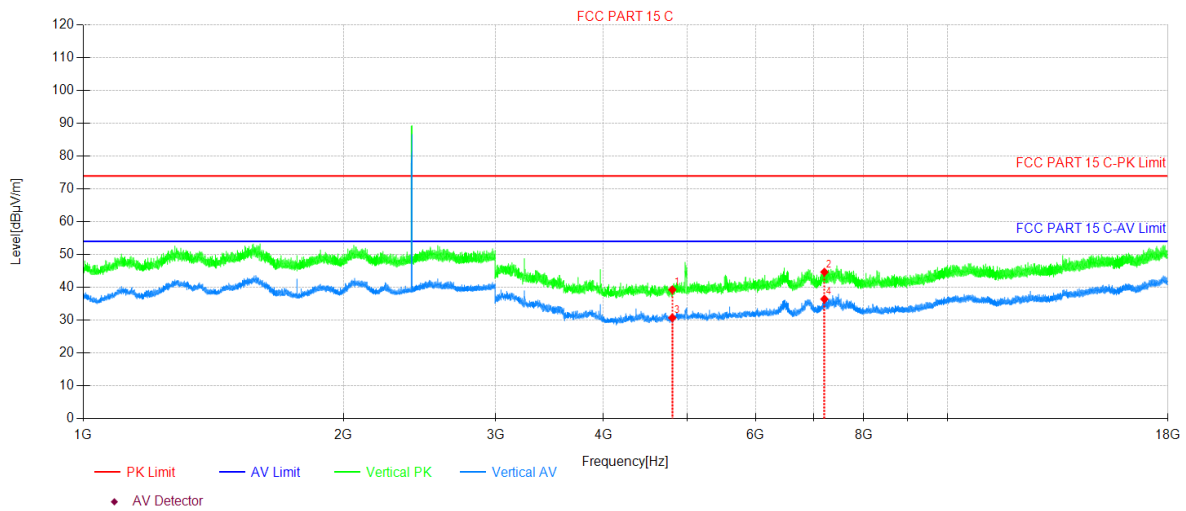
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**2LE\_Lowest Channel:  
Test Graph**



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	46.45	-4.61	41.84	74.00	32.16	150	0	PK	Horizontal	PASS
2	7206.2103	49.46	-1.76	47.70	74.00	26.30	150	14	PK	Horizontal	PASS
3	4804.5902	39.85	-4.61	35.24	54.00	18.76	150	14	AV	Horizontal	PASS
4	7206.2103	42.46	-1.76	40.70	54.00	13.30	150	3	AV	Horizontal	PASS

**Test Graph**



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	43.90	-4.61	39.29	74.00	34.71	150	12	PK	Vertical	PASS
2	7206.2103	46.43	-1.76	44.67	74.00	29.33	150	71	PK	Vertical	PASS
3	4804.5902	35.33	-4.61	30.72	54.00	23.28	150	96	AV	Vertical	PASS
4	7206.2103	38.18	-1.76	36.42	54.00	17.58	150	111	AV	Vertical	PASS

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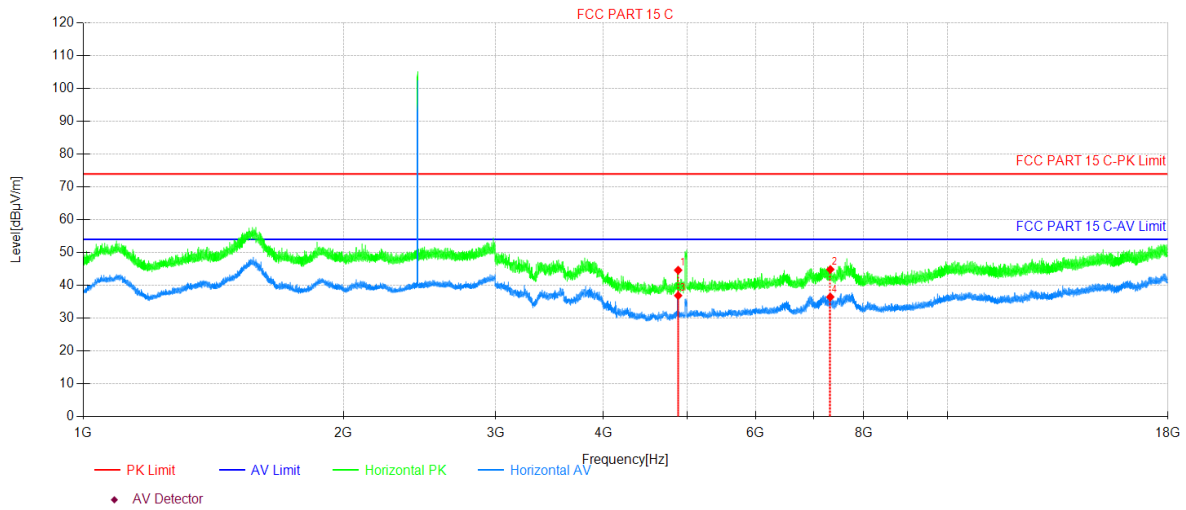
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<http://www.uttlab.com>

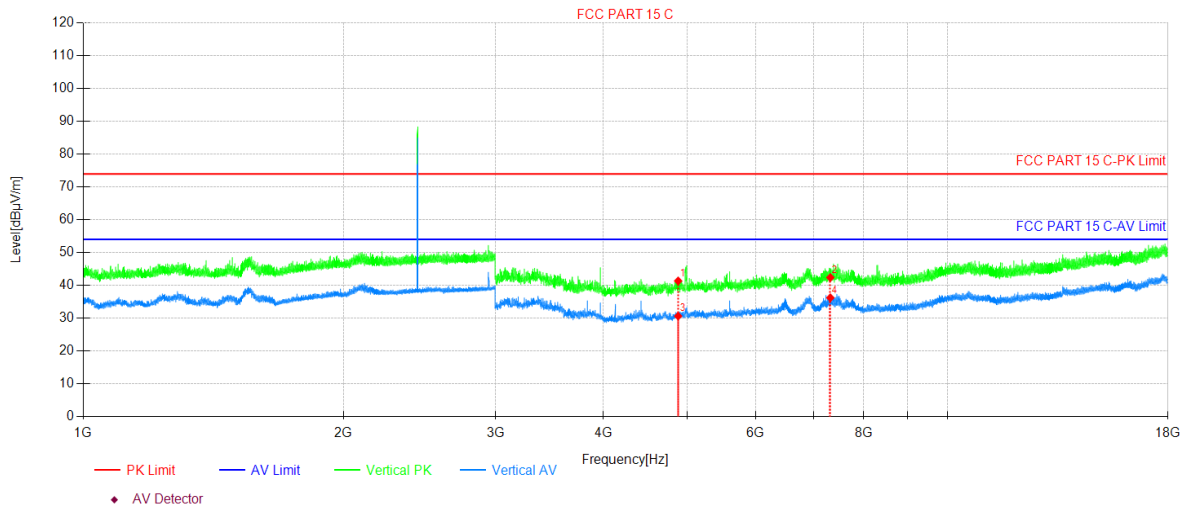
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## 2LE\_Middle Channel: Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	49.33	-4.71	44.62	74.00	29.38	150	18	PK	Horizontal	PASS
2	7320.216	46.34	-1.49	44.85	74.00	29.15	150	99	PK	Horizontal	PASS
3	4880.344	41.58	-4.71	36.87	54.00	17.13	150	5	AV	Horizontal	PASS
4	7320.216	37.94	-1.49	36.45	54.00	17.55	150	99	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	46.06	-4.71	41.35	74.00	32.65	150	96	PK	Vertical	PASS
2	7320.216	43.86	-1.49	42.37	74.00	31.63	150	124	PK	Vertical	PASS
3	4880.344	35.33	-4.71	30.62	54.00	23.38	150	82	AV	Vertical	PASS
4	7320.216	37.71	-1.49	36.22	54.00	17.78	150	124	AV	Vertical	PASS

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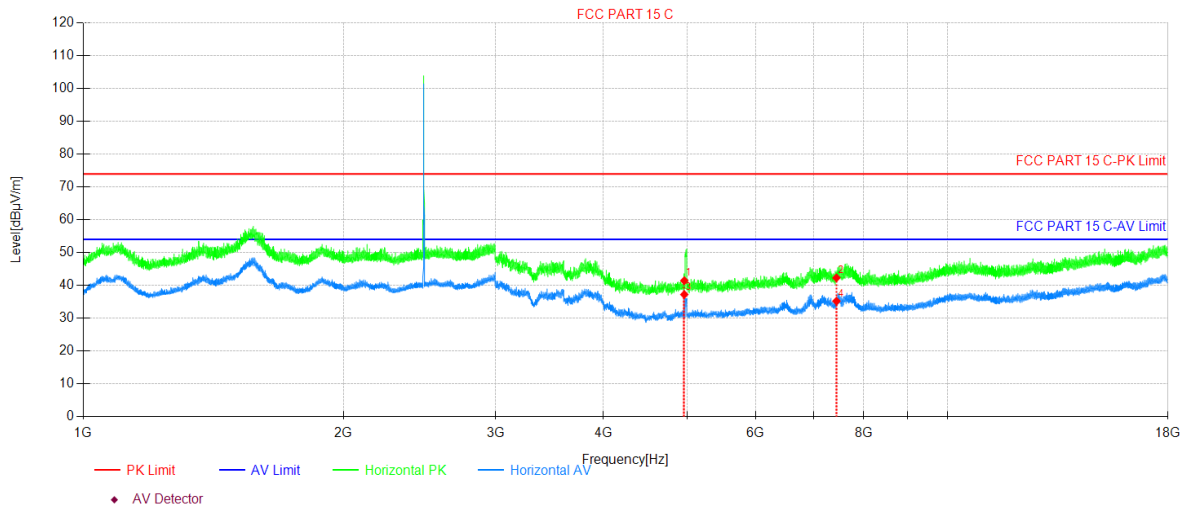
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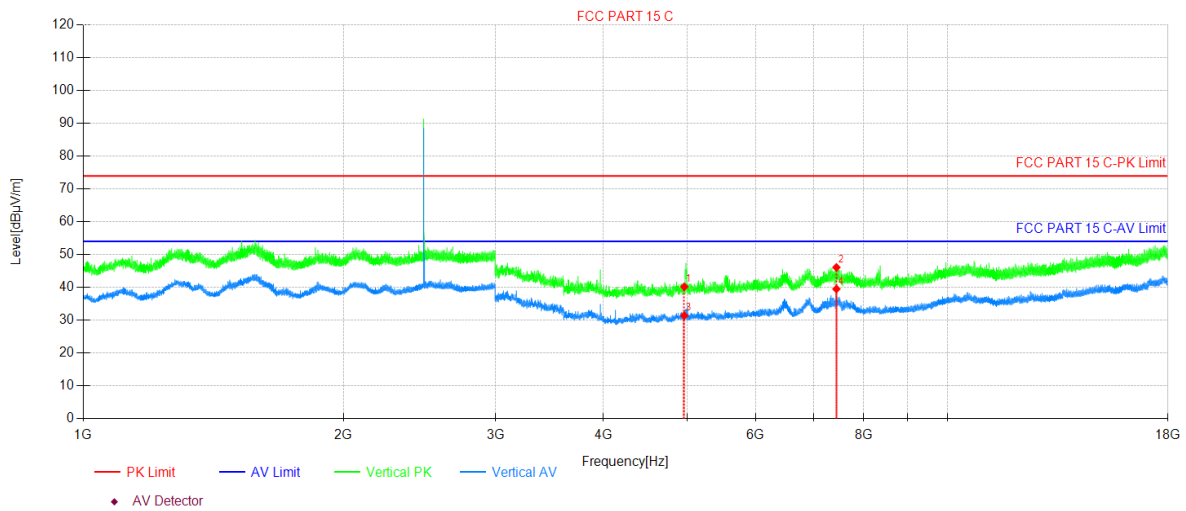
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## 2LE\_Highest Channel: Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	46.30	-4.86	41.44	74.00	32.56	150	12	PK	Horizontal	PASS
2	7440.222	43.63	-1.34	42.29	74.00	31.71	150	26	PK	Horizontal	PASS
3	4960.598	42.06	-4.86	37.20	54.00	16.80	150	12	AV	Horizontal	PASS
4	7440.222	36.53	-1.34	35.19	54.00	18.81	150	177	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.04	-4.86	40.18	74.00	33.82	150	123	PK	Vertical	PASS
2	7440.222	47.42	-1.34	46.08	74.00	27.92	150	95	PK	Vertical	PASS
3	4960.598	36.23	-4.86	31.37	54.00	22.63	150	55	AV	Vertical	PASS
4	7440.222	40.83	-1.34	39.49	54.00	14.51	150	95	AV	Vertical	PASS

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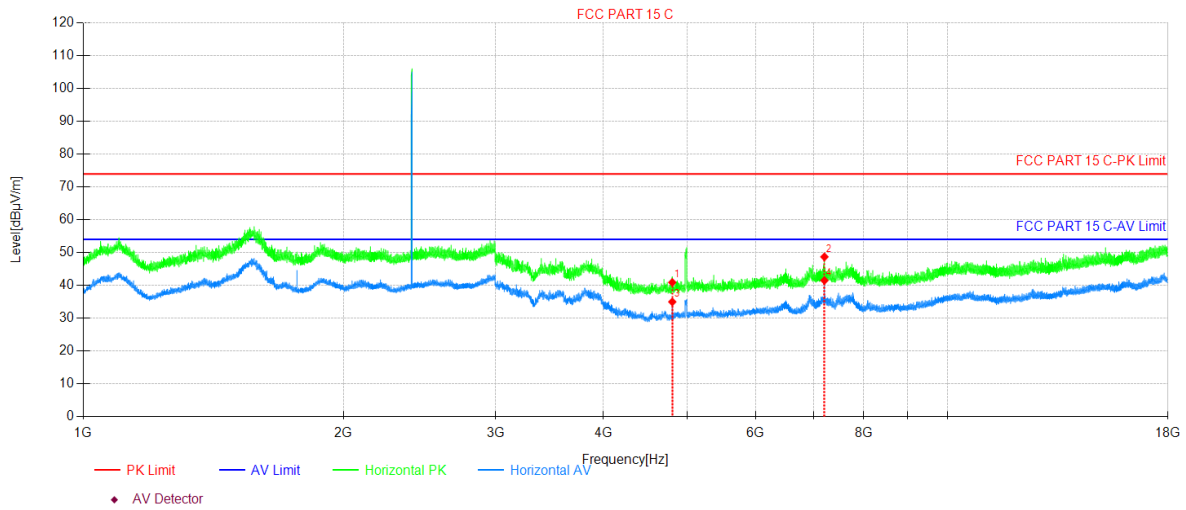
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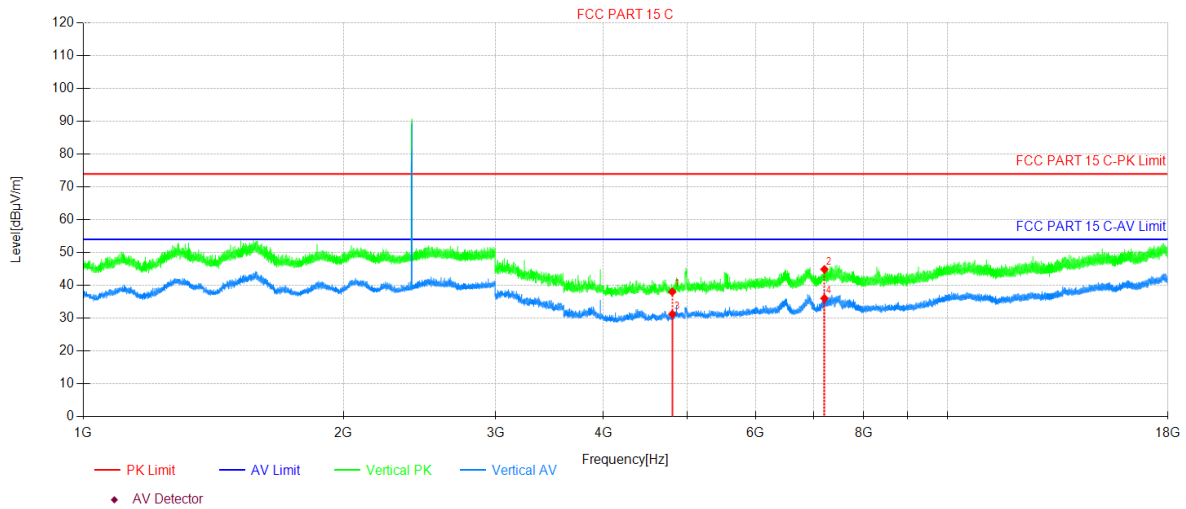
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LE Code (S=2)\_ Lowest Channel:  
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	45.51	-4.61	40.90	74.00	33.10	150	0	PK	Horizontal	PASS
2	7206.2103	50.45	-1.76	48.69	74.00	25.31	150	3	PK	Horizontal	PASS
3	4804.5902	39.58	-4.61	34.97	54.00	19.03	150	57	AV	Horizontal	PASS
4	7206.2103	43.25	-1.76	41.49	54.00	12.51	150	14	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	42.64	-4.61	38.03	74.00	35.97	150	177	PK	Vertical	PASS
2	7206.2103	46.65	-1.76	44.89	74.00	29.11	150	69	PK	Vertical	PASS
3	4804.5902	35.82	-4.61	31.21	54.00	22.79	150	177	AV	Vertical	PASS
4	7206.2103	37.79	-1.76	36.03	54.00	17.97	150	110	AV	Vertical	PASS

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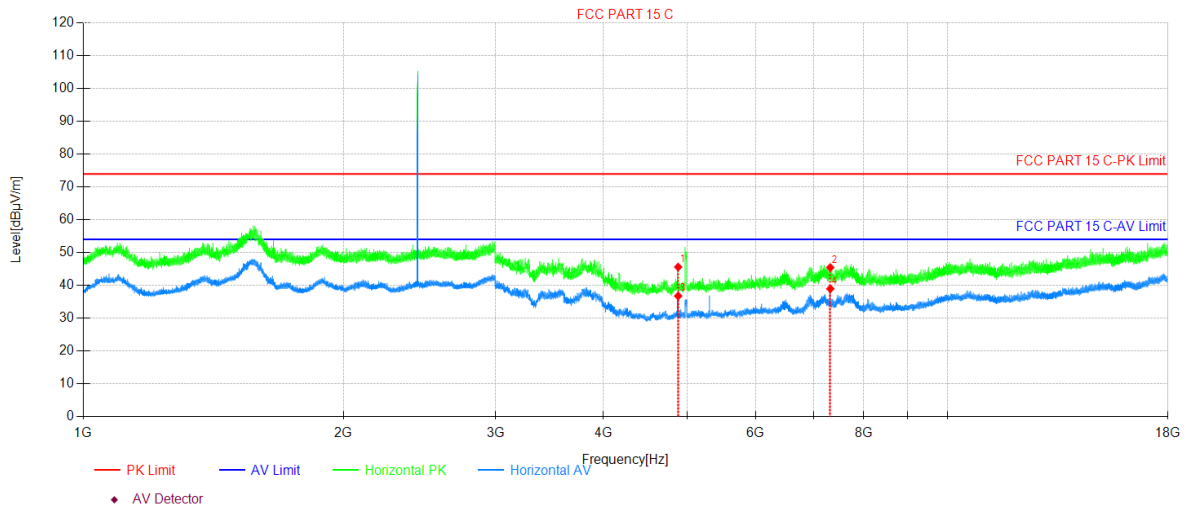
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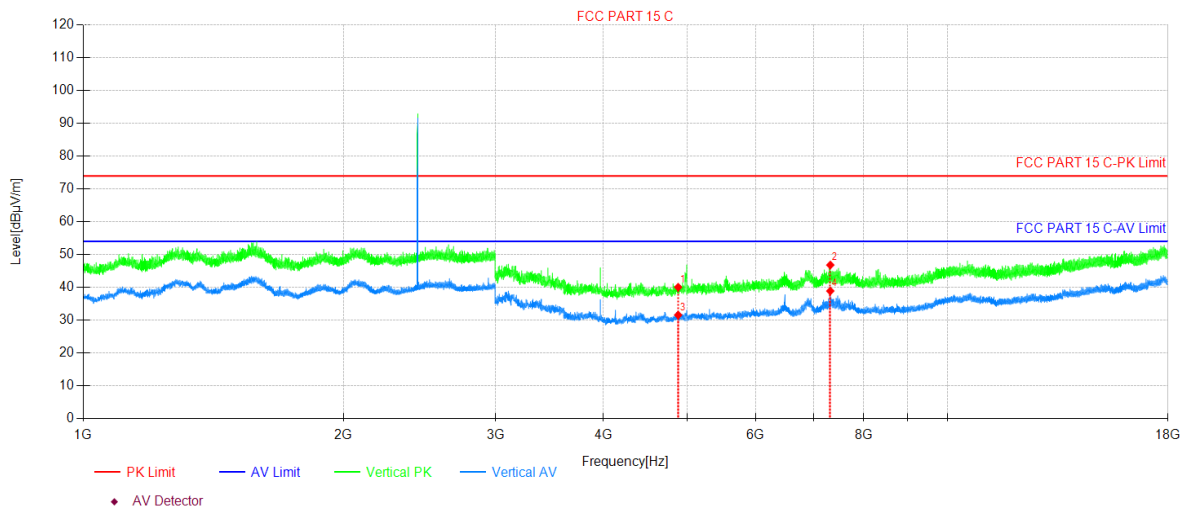
LE Code (S=2)\_ Middle Channel:  
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	50.31	-4.71	45.60	74.00	28.40	150	28	PK	Horizontal	PASS
2	7320.216	46.93	-1.49	45.44	74.00	28.56	150	110	PK	Horizontal	PASS
3	4880.344	41.47	-4.71	36.76	54.00	17.24	150	56	AV	Horizontal	PASS
4	7320.216	40.43	-1.49	38.94	54.00	15.06	150	28	AV	Horizontal	PASS

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	44.76	-4.71	40.05	74.00	33.95	150	82	PK	Vertical	PASS
2	7320.216	48.30	-1.49	46.81	74.00	27.19	150	82	PK	Vertical	PASS
3	4880.344	36.26	-4.71	31.55	54.00	22.45	150	96	AV	Vertical	PASS
4	7320.216	40.38	-1.49	38.89	54.00	15.11	150	82	AV	Vertical	PASS

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Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

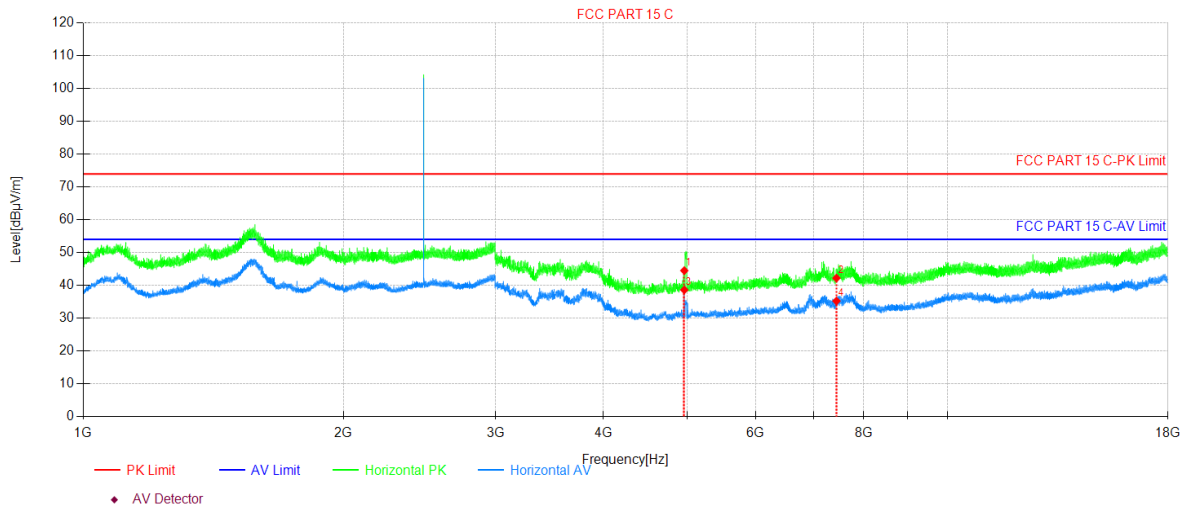
E-mail: info@uttlab.com

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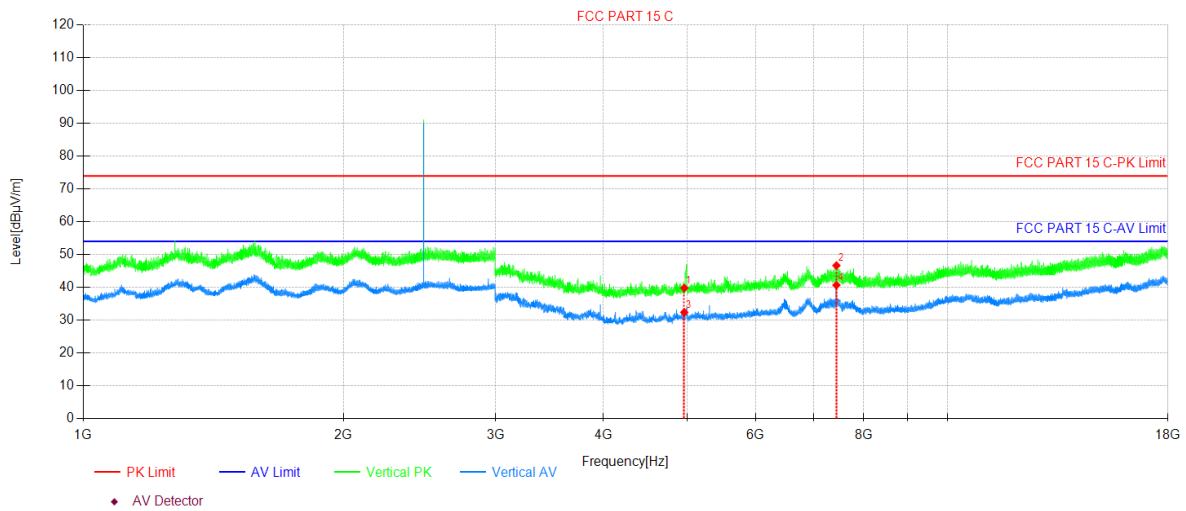


LE Code (S=2)\_ Highest Channel:  
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	49.36	-4.86	44.50	74.00	29.50	150	5	PK	Horizontal	PASS
2	7440.222	43.55	-1.34	42.21	74.00	31.79	150	17	PK	Horizontal	PASS
3	4960.598	43.47	-4.86	38.61	54.00	15.39	150	17	AV	Horizontal	PASS
4	7440.222	36.57	-1.34	35.23	54.00	18.77	150	126	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	44.67	-4.86	39.81	74.00	34.19	150	110	PK	Vertical	PASS
2	7440.222	47.99	-1.34	46.65	74.00	27.35	150	98	PK	Vertical	PASS
3	4960.598	37.23	-4.86	32.37	54.00	21.63	150	177	AV	Vertical	PASS
4	7440.222	42.02	-1.34	40.68	54.00	13.32	150	98	AV	Vertical	PASS

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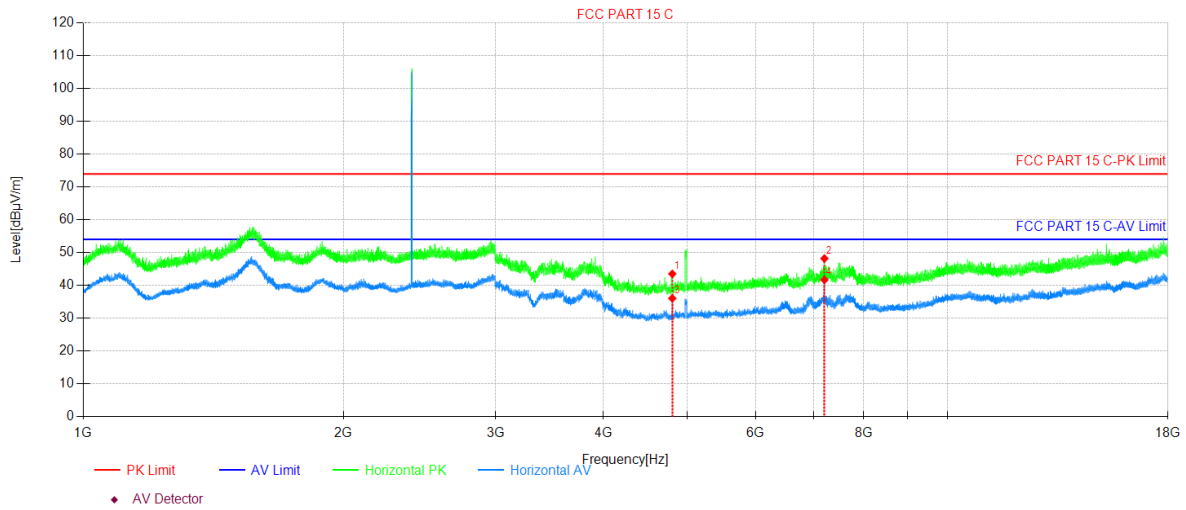
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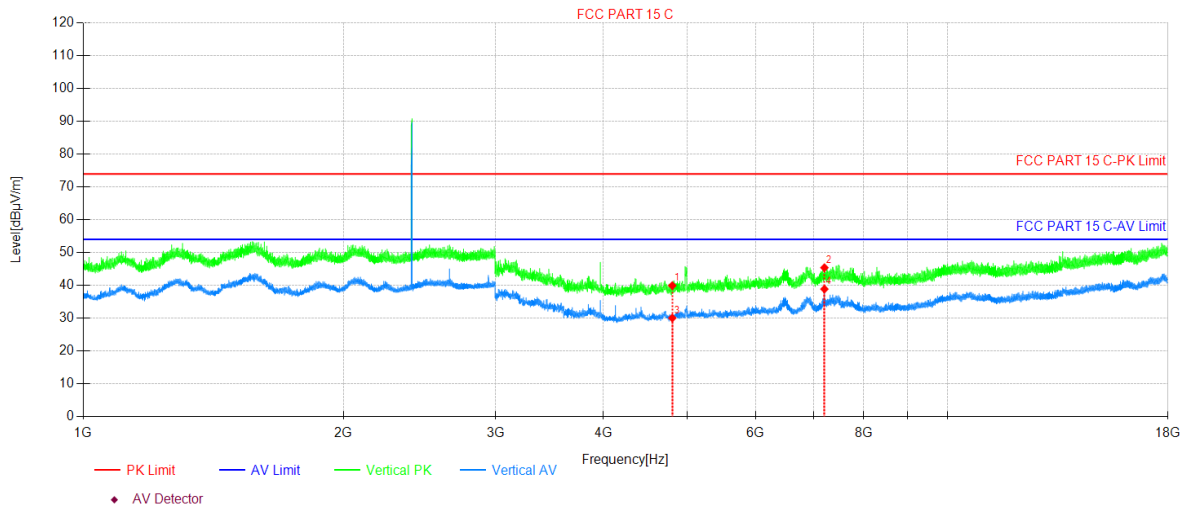


LE Code (S=8)\_ Lowest Channel:  
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	48.11	-4.61	43.50	74.00	30.50	150	14	PK	Horizontal	PASS
2	7206.2103	49.96	-1.76	48.20	74.00	25.80	150	14	PK	Horizontal	PASS
3	4804.5902	40.65	-4.61	36.04	54.00	17.96	150	14	AV	Horizontal	PASS
4	7206.2103	43.44	-1.76	41.68	54.00	12.32	150	28	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4804.5902	44.53	-4.61	39.92	74.00	34.08	150	136	PK	Vertical	PASS
2	7206.2103	47.15	-1.76	45.39	74.00	28.61	150	68	PK	Vertical	PASS
3	4804.5902	34.65	-4.61	30.04	54.00	23.96	150	162	AV	Vertical	PASS
4	7206.2103	40.62	-1.76	38.86	54.00	15.14	150	109	AV	Vertical	PASS

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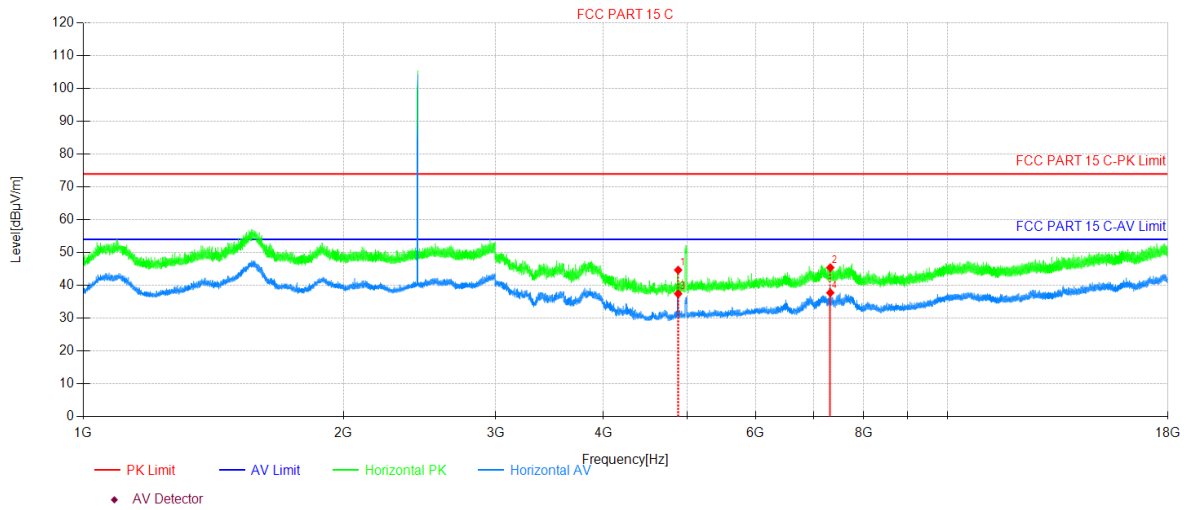
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E-mail: info@uttlab.com

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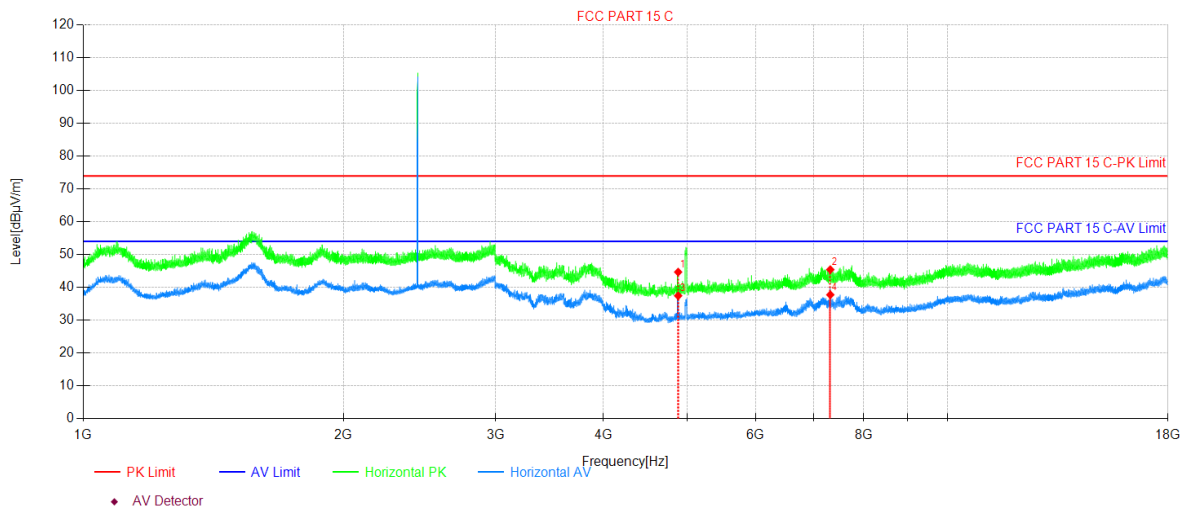
UTTR-RF-RSS247-V1.1

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



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	49.38	-4.71	44.67	74.00	29.33	150	2	PK	Horizontal	PASS
2	7320.216	46.90	-1.49	45.41	74.00	28.59	150	12	PK	Horizontal	PASS
3	4880.344	42.14	-4.71	37.43	54.00	16.57	150	26	AV	Horizontal	PASS
4	7320.216	39.22	-1.49	37.73	54.00	16.27	150	26	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4880.344	45.38	-4.71	40.67	74.00	33.33	150	177	PK	Vertical	PASS
2	7320.216	46.83	-1.49	45.34	74.00	28.66	150	81	PK	Vertical	PASS
3	4880.344	36.02	-4.71	31.31	54.00	22.69	150	94	AV	Vertical	PASS
4	7320.216	40.93	-1.49	39.44	54.00	14.56	150	94	AV	Vertical	PASS

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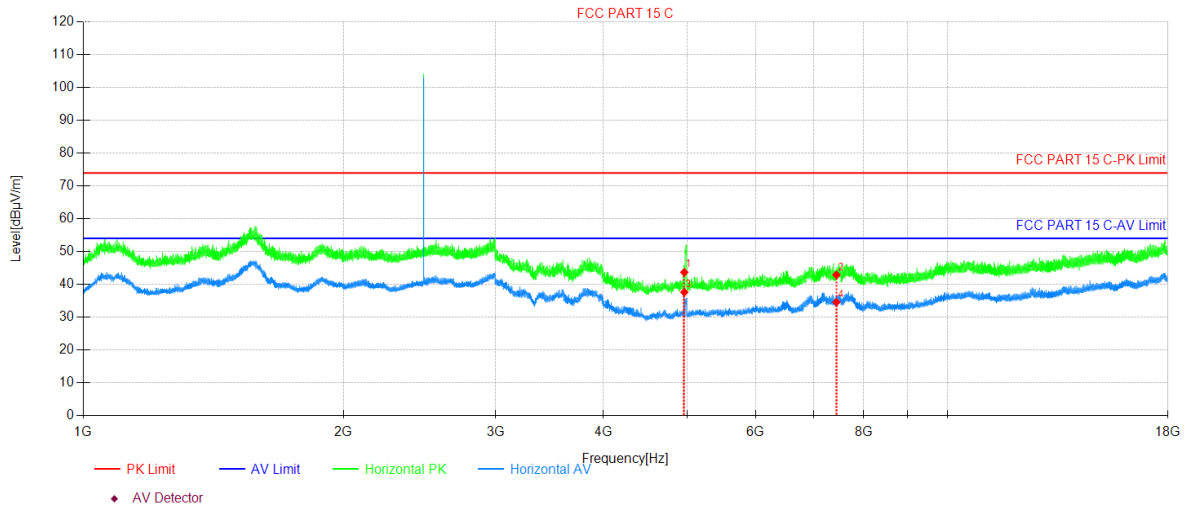
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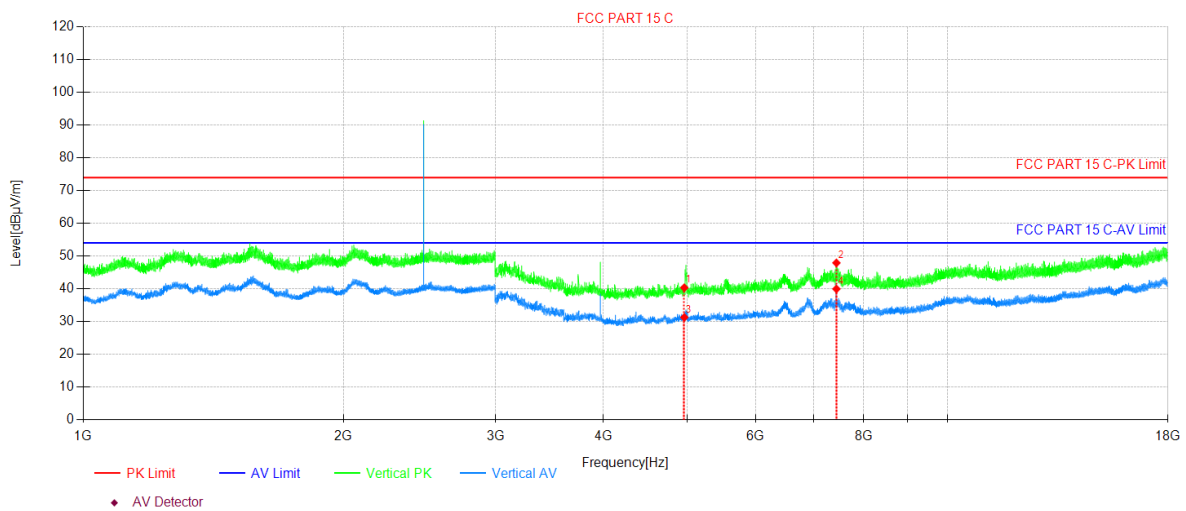
UTTR-RF-RSS247-V1.1

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



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	48.54	-4.86	43.68	74.00	30.32	150	3	PK	Horizontal	PASS
2	7440.222	44.22	-1.34	42.88	74.00	31.12	150	165	PK	Horizontal	PASS
3	4960.598	42.48	-4.86	37.62	54.00	16.38	150	3	AV	Horizontal	PASS
4	7440.222	35.89	-1.34	34.55	54.00	19.45	150	126	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4960.598	45.19	-4.86	40.33	74.00	33.67	150	177	PK	Vertical	PASS
2	7440.222	49.25	-1.34	47.91	74.00	26.09	150	97	PK	Vertical	PASS
3	4960.598	36.13	-4.86	31.27	54.00	22.73	150	177	AV	Vertical	PASS
4	7440.222	41.29	-1.34	39.95	54.00	14.05	150	97	AV	Vertical	PASS

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Fax: +86-755-28230886

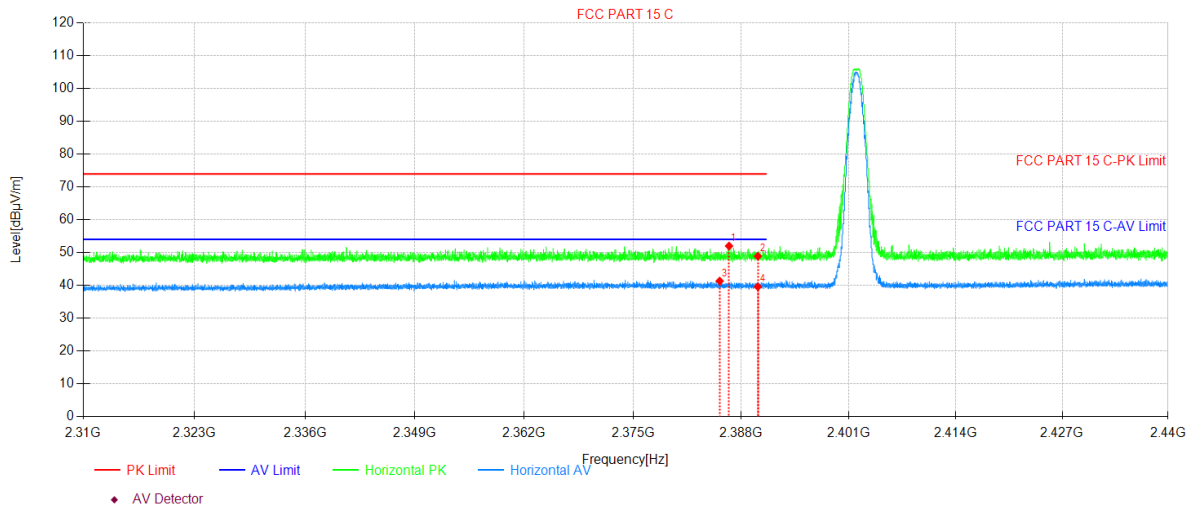
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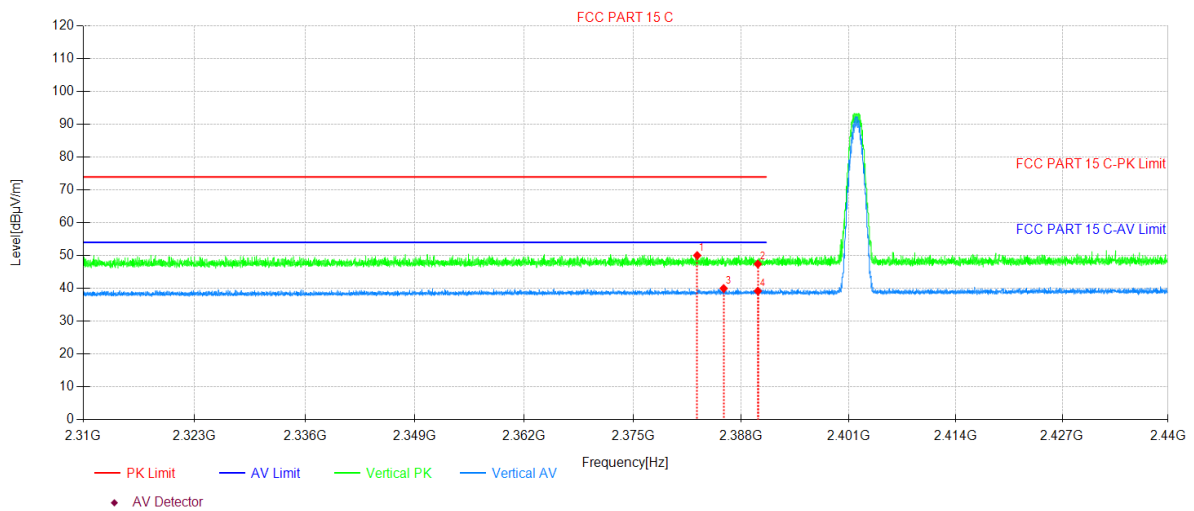
### A.6 BAND EDGE MEASUREMENTS (RADIATED)

LE\_ Lowest Channel:  
Test Graph



Data List											
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1	2386.5387	52.80	-0.81	51.99	74.00	22.01	150	177	PK	Horizontal	PASS
2	2390.01	49.68	-0.80	48.88	74.00	25.12	150	177	PK	Horizontal	PASS
3	2385.4075	42.13	-0.81	41.32	54.00	12.68	150	170	AV	Horizontal	PASS
4	2390.01	40.38	-0.80	39.58	54.00	14.42	150	170	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2382.7033	50.86	-0.83	50.03	74.00	23.97	150	65	PK	Vertical	PASS
2	2390.01	48.21	-0.80	47.41	74.00	26.59	150	180	PK	Vertical	PASS
3	2385.8886	40.79	-0.81	39.98	54.00	14.02	150	65	AV	Vertical	PASS
4	2390.01	39.97	-0.80	39.17	54.00	14.83	150	65	AV	Vertical	PASS

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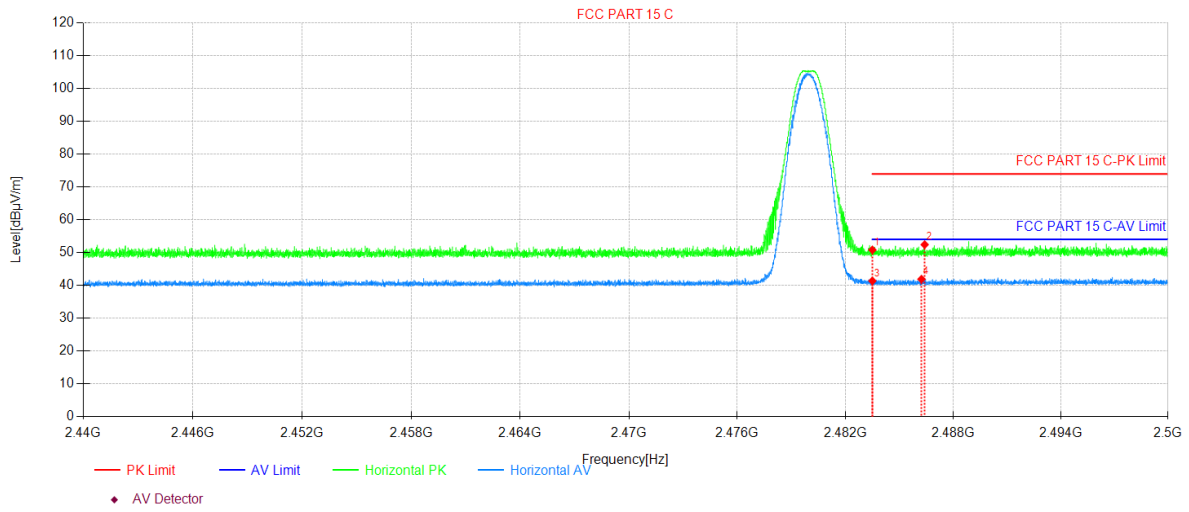
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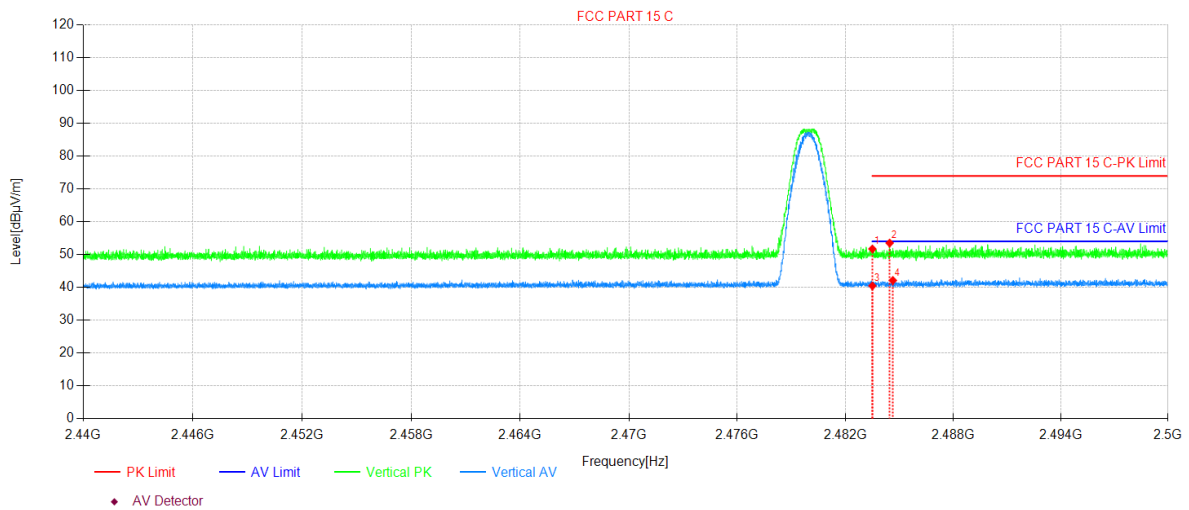
UTTR-RF-RSS247-V1.1

## LE\_Highest Channel Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	51.10	-0.29	50.81	74.00	23.19	150	121	PK	Horizontal	PASS
2	2486.4146	52.68	-0.26	52.42	74.00	21.58	150	144	PK	Horizontal	PASS
3	2483.5044	41.64	-0.29	41.35	54.00	12.65	150	133	AV	Horizontal	PASS
4	2486.2346	42.15	-0.27	41.88	54.00	12.12	150	133	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	52.00	-0.29	51.71	74.00	22.29	150	66	PK	Vertical	PASS
2	2484.4644	53.79	-0.28	53.51	74.00	20.49	150	20	PK	Vertical	PASS
3	2483.5044	40.75	-0.29	40.46	54.00	13.54	150	89	AV	Vertical	PASS
4	2484.6445	42.40	-0.28	42.12	54.00	11.88	150	77	AV	Vertical	PASS

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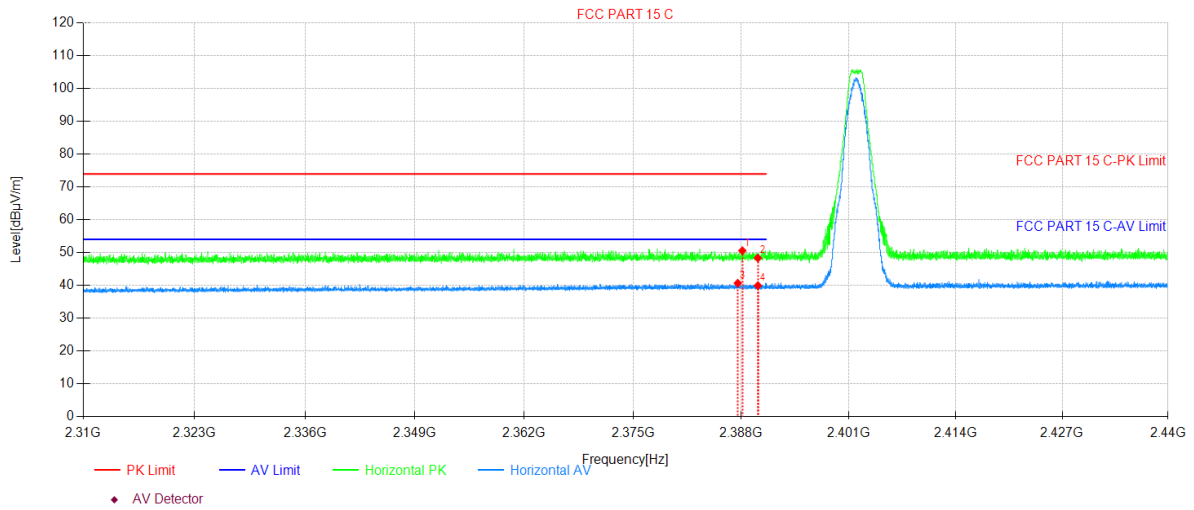
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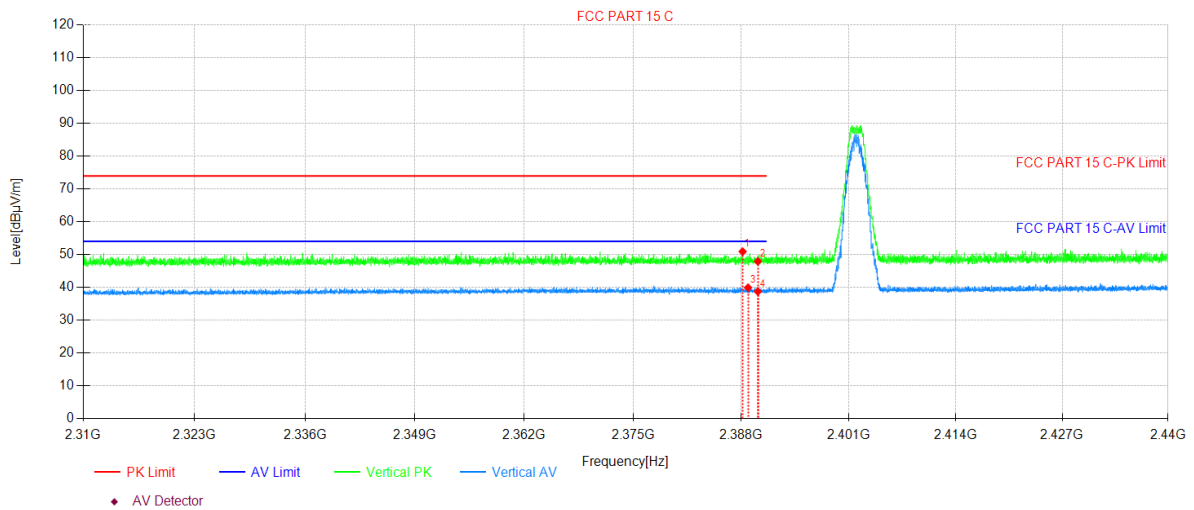
**2LE\_Lowest Channel:  
Test Graph**



**Data List**

NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2388.1378	51.38	-0.80	50.58	74.00	23.42	150	129	PK	Horizontal	PASS
2	2390.01	49.14	-0.80	48.34	74.00	25.66	150	180	PK	Horizontal	PASS
3	2387.5918	41.46	-0.80	40.66	54.00	13.34	150	129	AV	Horizontal	PASS
4	2390.01	40.73	-0.80	39.93	54.00	14.07	150	116	AV	Horizontal	PASS

**Test Graph**



**Data List**

NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2388.1768	51.71	-0.80	50.91	74.00	23.09	150	87	PK	Vertical	PASS
2	2390.01	48.74	-0.80	47.94	74.00	26.06	150	18	PK	Vertical	PASS
3	2388.8269	40.69	-0.80	39.89	54.00	14.11	150	98	AV	Vertical	PASS
4	2390.01	39.54	-0.80	38.74	54.00	15.26	150	98	AV	Vertical	PASS

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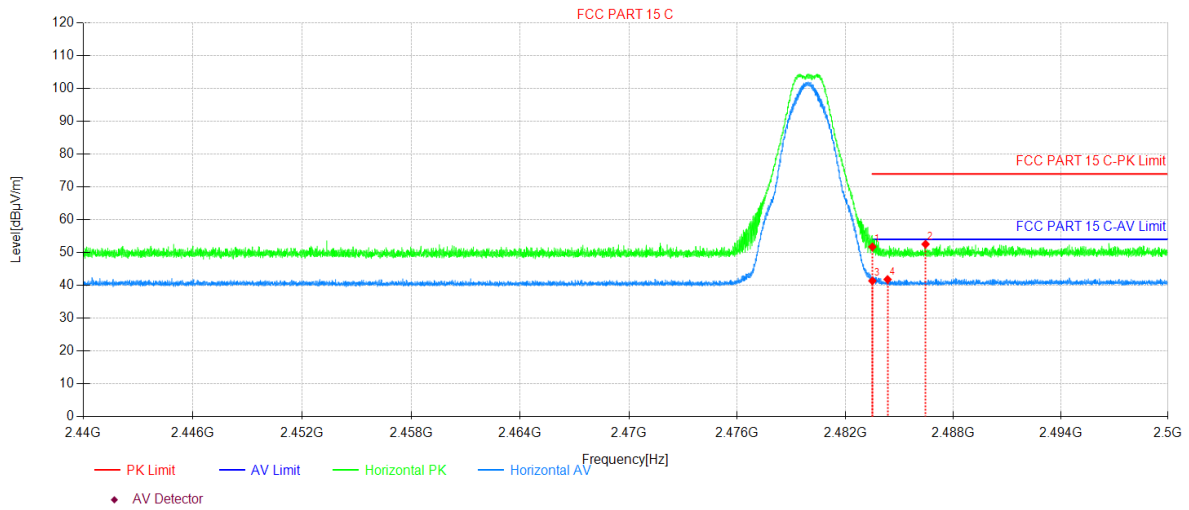
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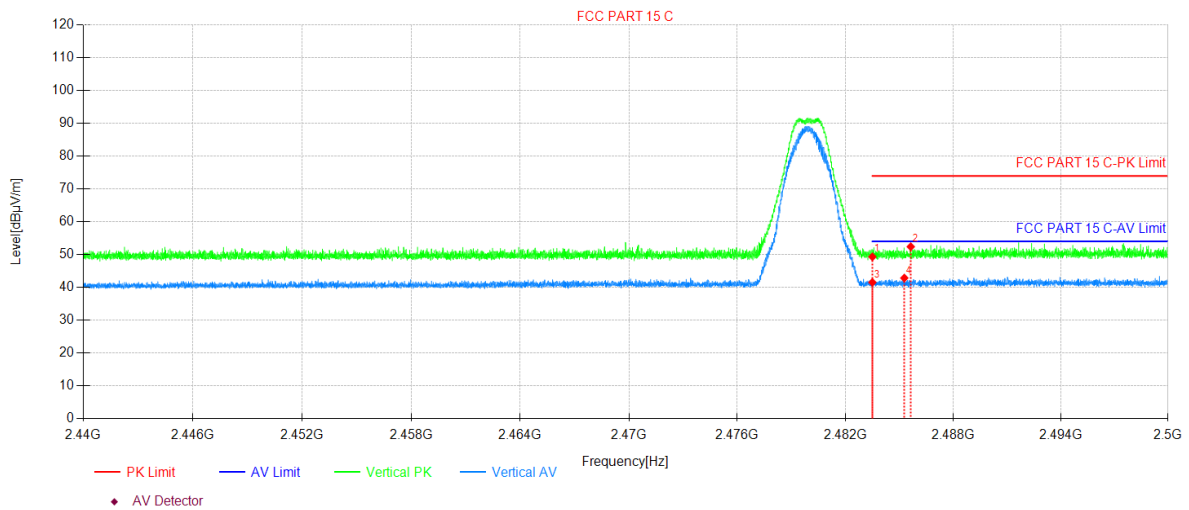
UTTR-RF-RSS247-V1.1

## 2LE\_Highest Channel: Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	52.03	-0.29	51.74	74.00	22.26	150	44	PK	Horizontal	PASS
2	2486.4626	52.81	-0.26	52.55	74.00	21.45	150	168	PK	Horizontal	PASS
3	2483.5044	41.66	-0.29	41.37	54.00	12.63	150	11	AV	Horizontal	PASS
4	2484.3504	42.08	-0.28	41.80	54.00	12.20	150	124	AV	Horizontal	PASS

## Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	49.60	-0.29	49.31	74.00	24.69	150	25	PK	Vertical	PASS
2	2485.6406	52.66	-0.27	52.39	74.00	21.61	150	78	PK	Vertical	PASS
3	2483.5044	41.81	-0.29	41.52	54.00	12.48	150	89	AV	Vertical	PASS
4	2485.2805	43.12	-0.27	42.85	54.00	11.15	150	89	AV	Vertical	PASS

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Fax: +86-755-28230886

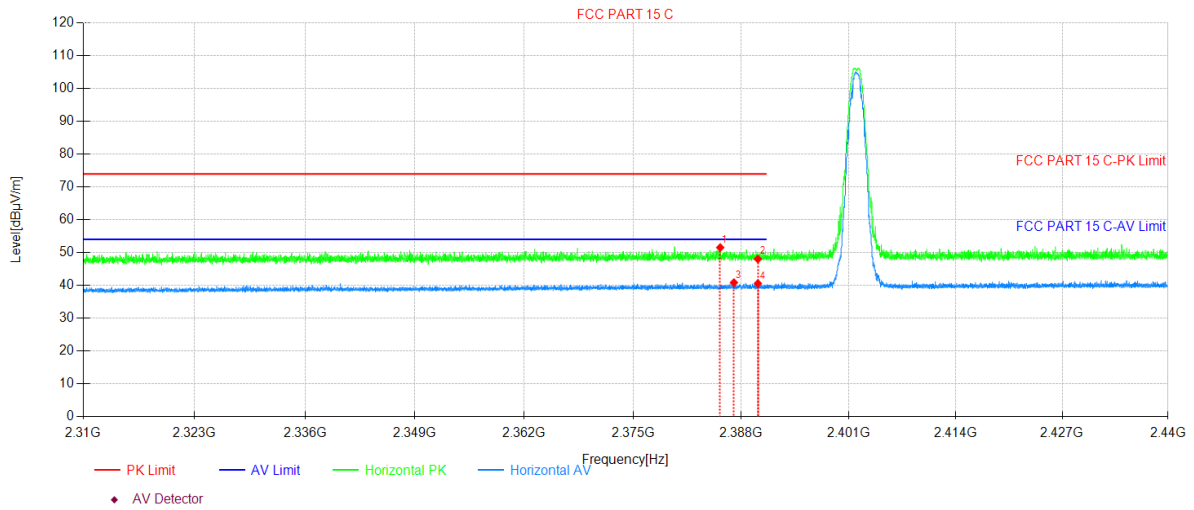
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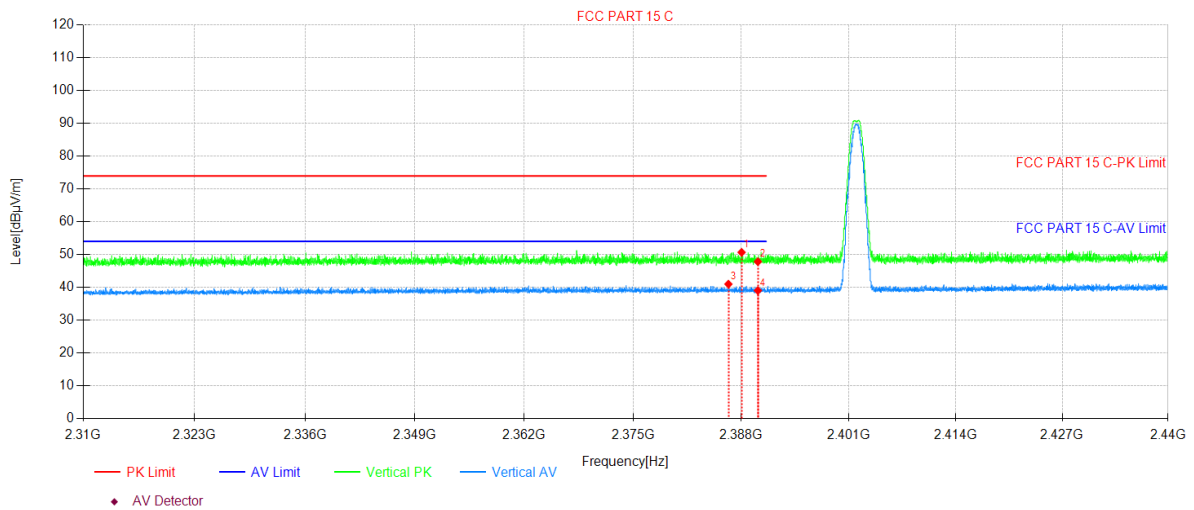


LE Code (S=2)\_ Lowest Channel:  
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2385.4725	52.34	-0.81	51.53	74.00	22.47	150	105	PK	Horizontal	PASS
2	2390.01	48.84	-0.80	48.04	74.00	25.96	150	105	PK	Horizontal	PASS
3	2387.1237	41.65	-0.81	40.84	54.00	13.16	150	180	AV	Horizontal	PASS
4	2390.01	41.37	-0.80	40.57	54.00	13.43	150	180	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2388.0468	51.48	-0.80	50.68	74.00	23.32	150	104	PK	Vertical	PASS
2	2390.01	48.64	-0.80	47.84	74.00	26.16	150	168	PK	Vertical	PASS
3	2386.4606	41.80	-0.81	40.99	54.00	13.01	150	93	AV	Vertical	PASS
4	2390.01	39.82	-0.80	39.02	54.00	14.98	150	104	AV	Vertical	PASS

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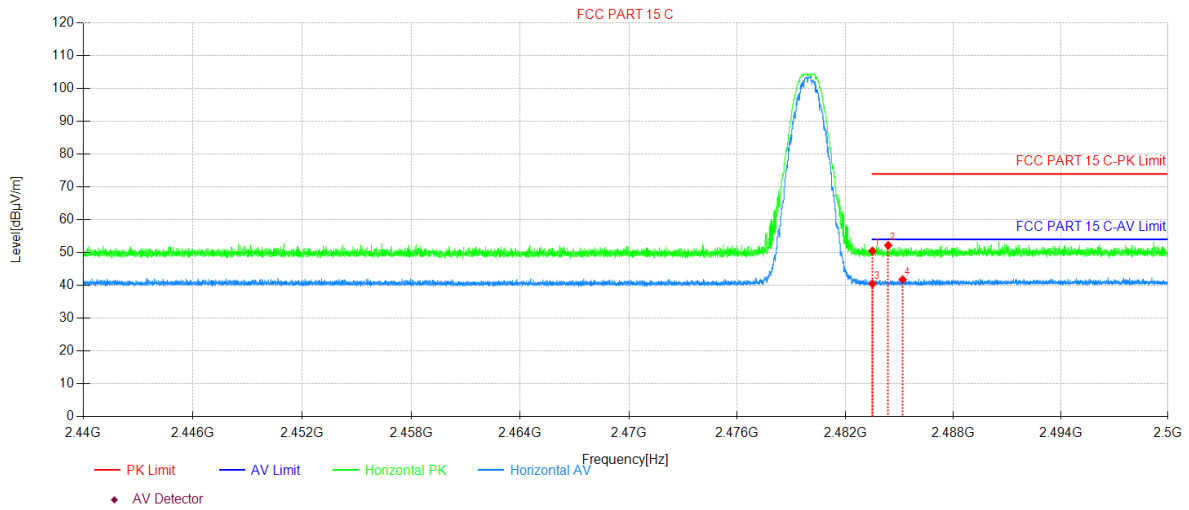
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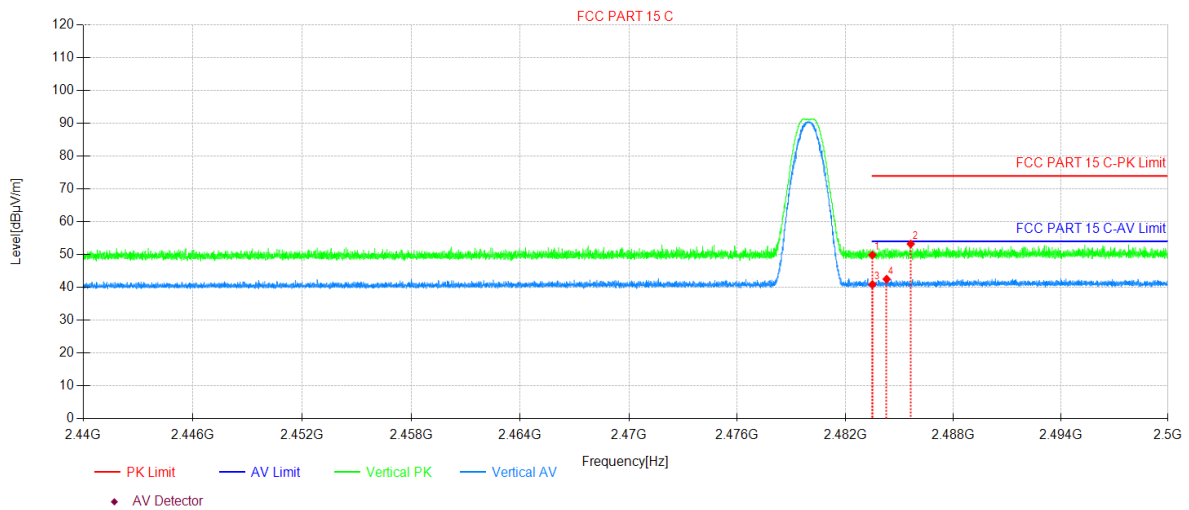


LE Code (S=2)\_ Highest Channel:  
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.79	-0.29	50.50	74.00	23.50	150	54	PK	Horizontal	PASS
2	2484.3864	52.49	-0.28	52.21	74.00	21.79	150	173	PK	Horizontal	PASS
3	2483.5044	40.78	-0.29	40.49	54.00	13.51	150	178	AV	Horizontal	PASS
4	2485.1905	42.04	-0.27	41.77	54.00	12.23	150	129	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.18	-0.29	49.89	74.00	24.11	150	4	PK	Vertical	PASS
2	2485.6406	53.51	-0.27	53.24	74.00	20.76	150	84	PK	Vertical	PASS
3	2483.5044	41.17	-0.29	40.88	54.00	13.12	150	95	AV	Vertical	PASS
4	2484.2964	42.78	-0.28	42.50	54.00	11.50	150	84	AV	Vertical	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

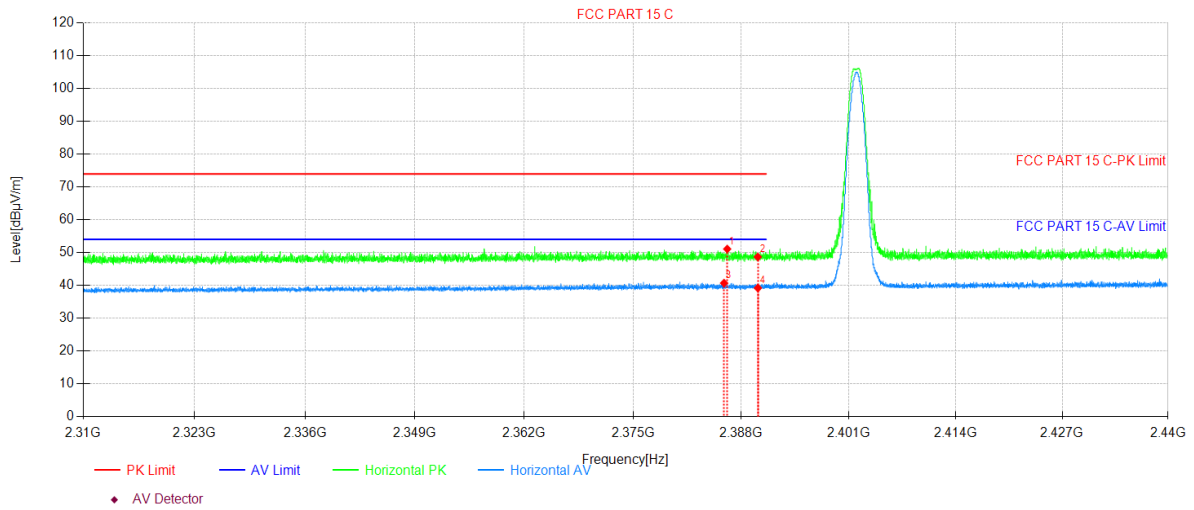
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

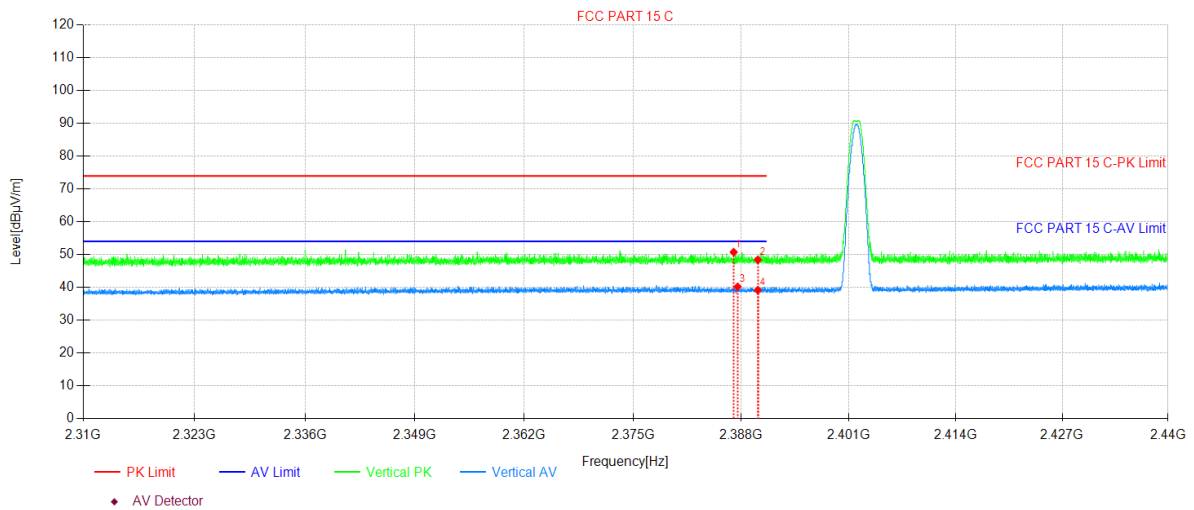
UTTR-RF-RSS247-V1.1

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



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2386.3176	51.89	-0.81	51.08	74.00	22.92	150	180	PK	Horizontal	PASS
2	2390.01	49.46	-0.80	48.66	74.00	25.34	150	180	PK	Horizontal	PASS
3	2385.9406	41.49	-0.81	40.68	54.00	13.32	150	132	AV	Horizontal	PASS
4	2390.01	39.98	-0.80	39.18	54.00	14.82	150	132	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2387.0977	51.55	-0.81	50.74	74.00	23.26	150	90	PK	Vertical	PASS
2	2390.01	49.21	-0.80	48.41	74.00	25.59	150	99	PK	Vertical	PASS
3	2387.5658	40.97	-0.80	40.17	54.00	13.83	150	99	AV	Vertical	PASS
4	2390.01	39.93	-0.80	39.13	54.00	14.87	150	168	AV	Vertical	PASS

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Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

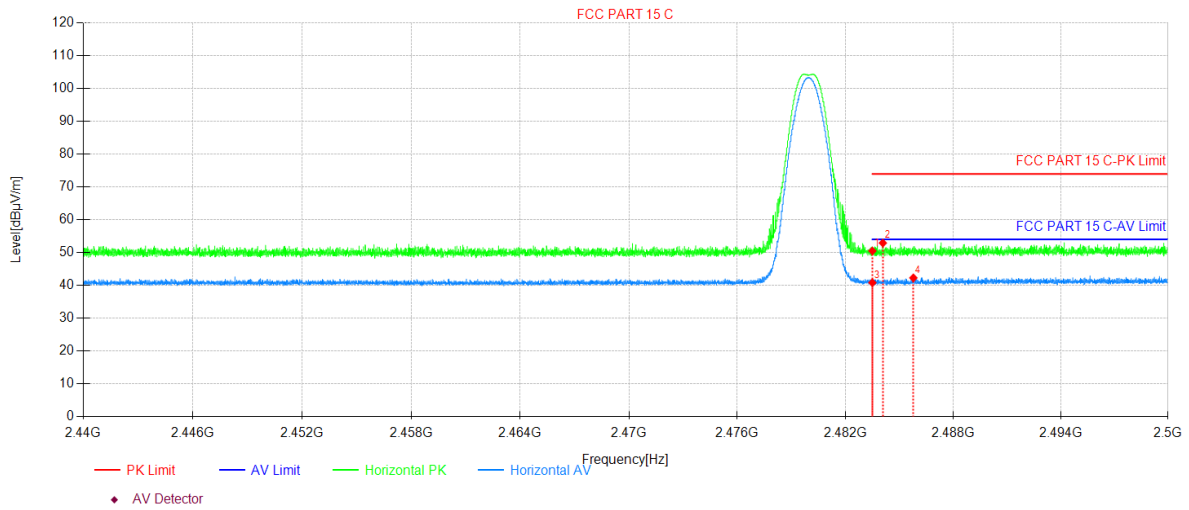
Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

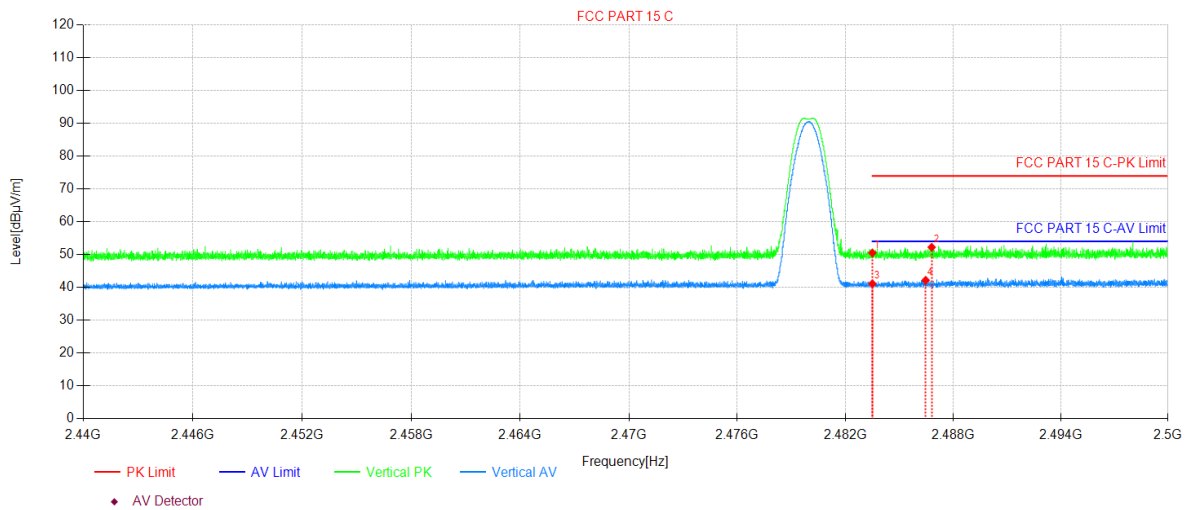
UTTR-RF-RSS247-V1.1

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



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.78	-0.29	50.49	74.00	23.51	150	129	PK	Horizontal	PASS
2	2484.0864	53.20	-0.28	52.92	74.00	21.08	150	118	PK	Horizontal	PASS
3	2483.5044	41.10	-0.29	40.81	54.00	13.19	150	177	AV	Horizontal	PASS
4	2485.7846	42.54	-0.27	42.27	54.00	11.73	150	169	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Correct Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5044	50.82	-0.29	50.53	74.00	23.47	150	0	PK	Vertical	PASS
2	2486.8047	52.50	-0.26	52.24	74.00	21.76	150	88	PK	Vertical	PASS
3	2483.5044	41.39	-0.29	41.10	54.00	12.90	150	88	AV	Vertical	PASS
4	2486.4686	42.43	-0.26	42.17	54.00	11.83	150	88	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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