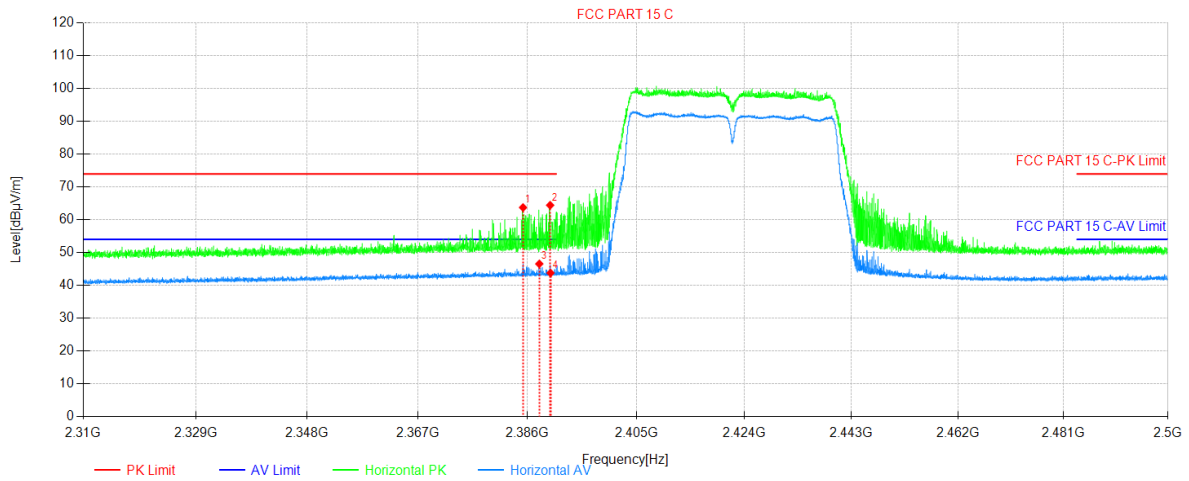


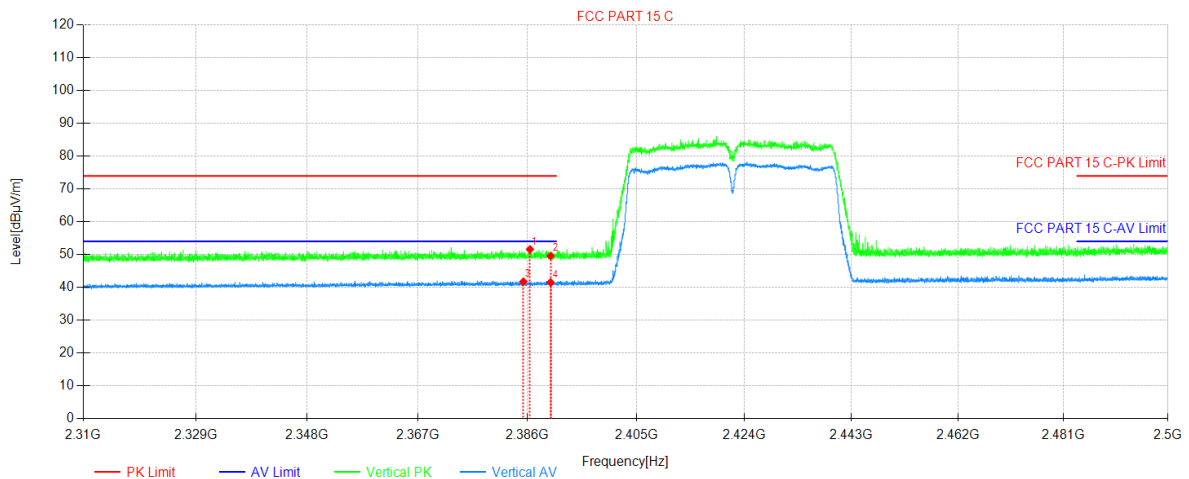
IEEE 802.11n-HT40 \_ Lowest Channel:

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	2385.2285	64.55	-0.81	63.74	74.00	10.26	300	25	PK	Horizontal	PASS
2	2389.941	65.23	-0.80	64.43	74.00	9.57	300	0	PK	Horizontal	PASS
3	2388.0598	47.35	-0.80	46.55	54.00	7.45	100	18	AV	Horizontal	PASS
4	2390.017	44.57	-0.80	43.77	54.00	10.23	100	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	2386.4256	52.40	-0.81	51.59	74.00	22.41	100	163	PK	Vertical	PASS
2	2390.017	50.38	-0.80	49.58	74.00	24.42	300	140	PK	Vertical	PASS
3	2385.2855	42.55	-0.81	41.74	54.00	12.26	300	179	AV	Vertical	PASS
4	2390.017	42.30	-0.80	41.50	54.00	12.50	100	177	AV	Vertical	PASS

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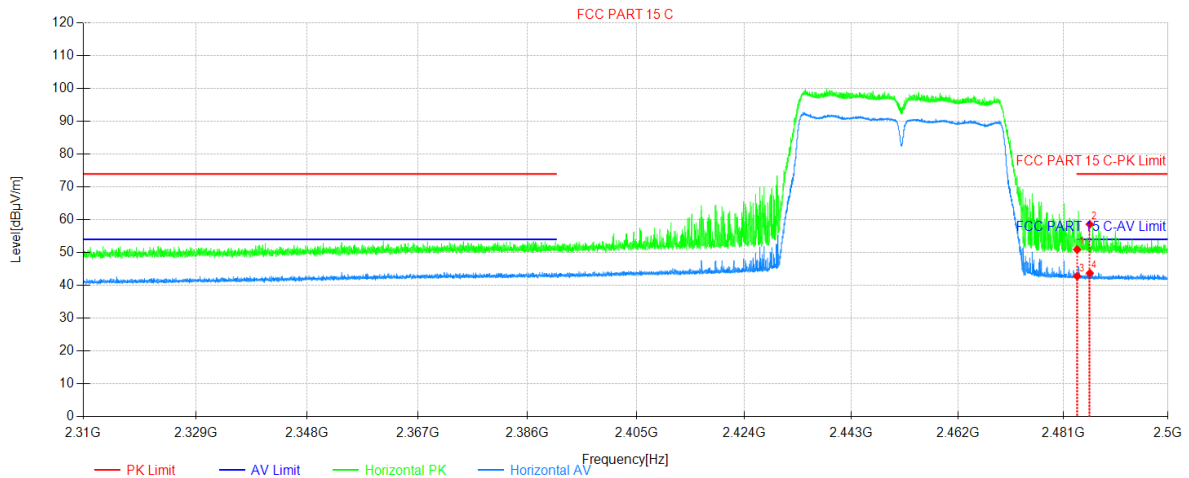
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## IEEE 802.11n-HT40 \_ Highest Channel:

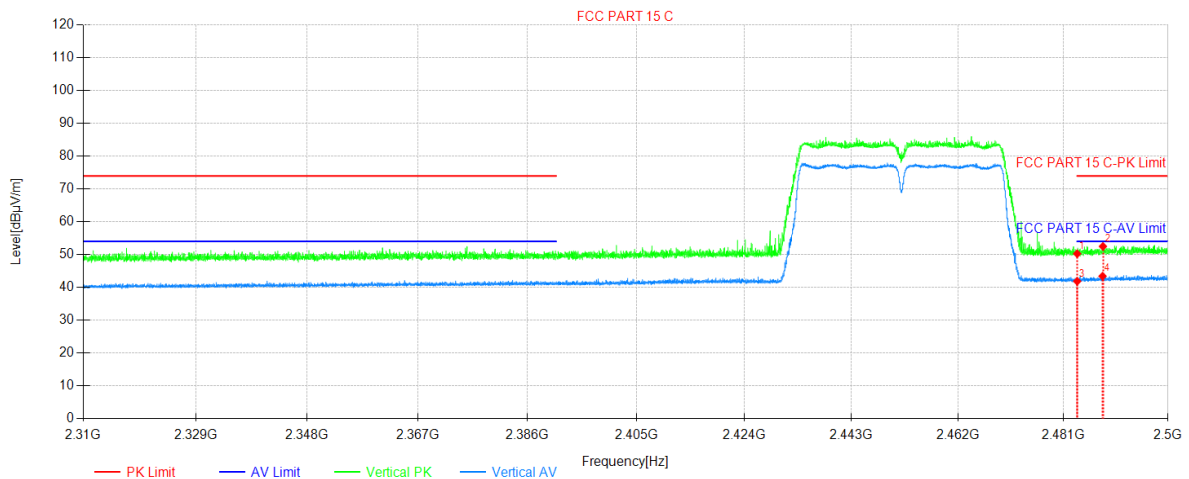
### Test Graph



### 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	2483.5064	51.21	-0.29	50.92	74.00	23.08	300	2	PK	Horizontal	PASS
2	2485.7866	58.88	-0.27	58.61	74.00	15.39	300	0	PK	Horizontal	PASS
3	2483.5064	43.08	-0.29	42.79	54.00	11.21	100	10	AV	Horizontal	PASS
4	2485.8056	43.98	-0.27	43.71	54.00	10.29	300	0	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	2483.5064	50.54	-0.29	50.25	74.00	23.75	100	79	PK	Vertical	PASS
2	2488.1808	52.75	-0.26	52.49	74.00	21.51	100	51	PK	Vertical	PASS
3	2483.5064	42.15	-0.29	41.86	54.00	12.14	300	45	AV	Vertical	PASS
4	2488.1048	43.67	-0.26	43.41	54.00	10.59	300	54	AV	Vertical	PASS

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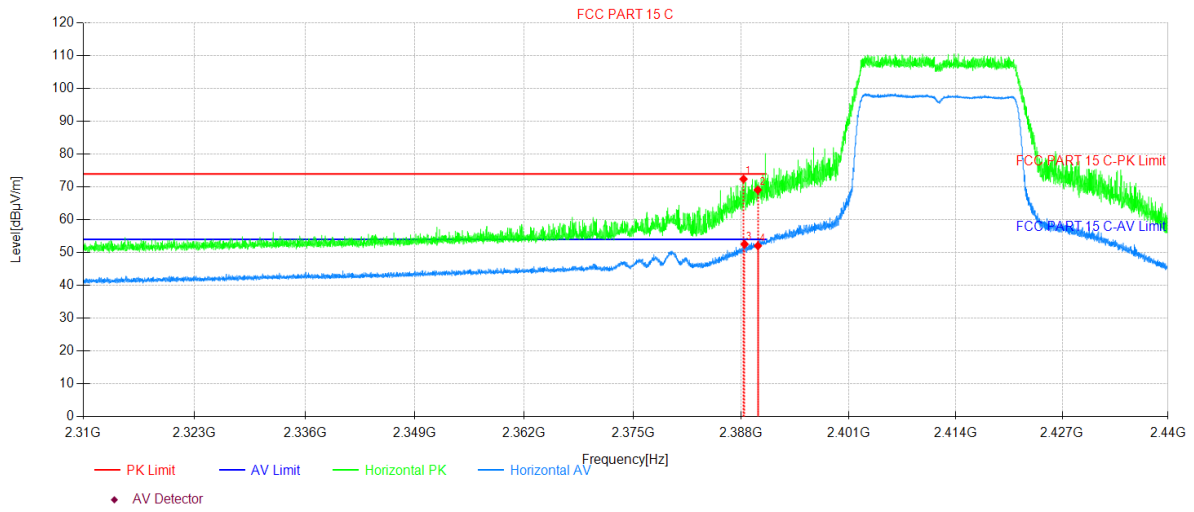
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IEEE 802.11n- ax20 \_ Lowest Channel:

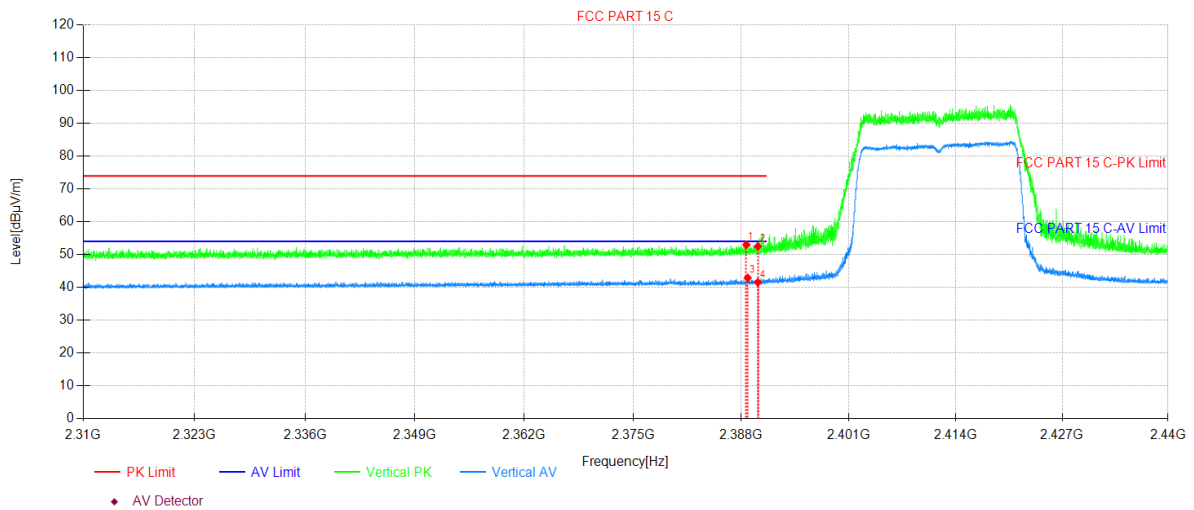
Test Graph



Data List

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1	2388.2808	73.22	-0.80	72.42	74.00	1.58	150	360	PK	Horizontal	PASS
2	2390.01	69.92	-0.80	69.12	74.00	4.88	150	357	PK	Horizontal	PASS
3	2388.4108	53.36	-0.80	52.56	54.00	1.44	150	360	AV	Horizontal	PASS
4	2390.01	52.84	-0.80	52.04	54.00	1.96	150	357	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	2388.6189	53.77	-0.80	52.97	74.00	21.03	150	312	PK	Vertical	PASS
2	2390.01	53.28	-0.80	52.48	74.00	21.52	150	192	PK	Vertical	PASS
3	2388.7879	43.70	-0.80	42.90	54.00	11.10	150	224	AV	Vertical	PASS
4	2390.01	42.34	-0.80	41.54	54.00	12.46	150	234	AV	Vertical	PASS

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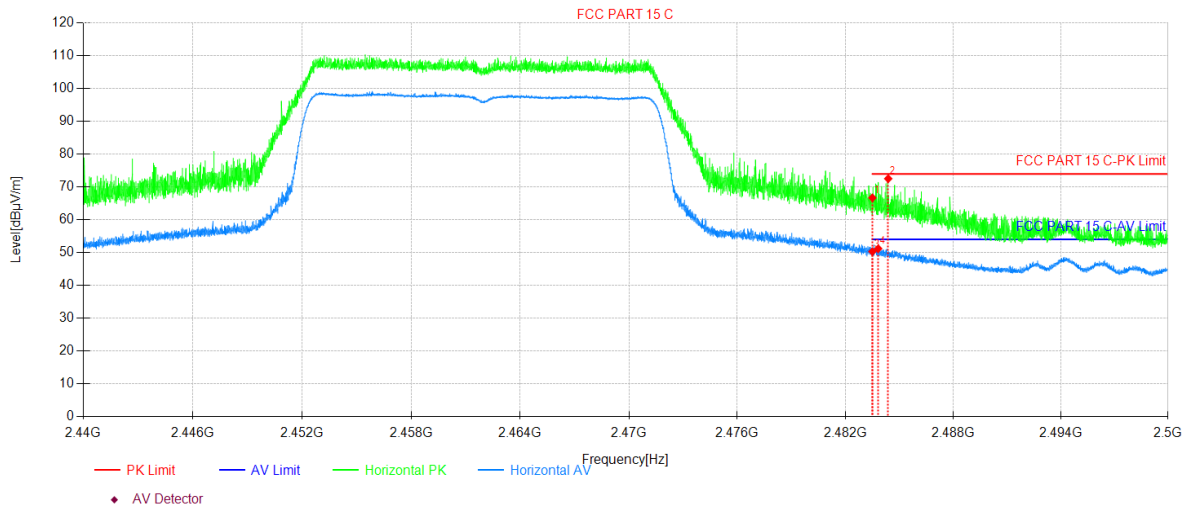
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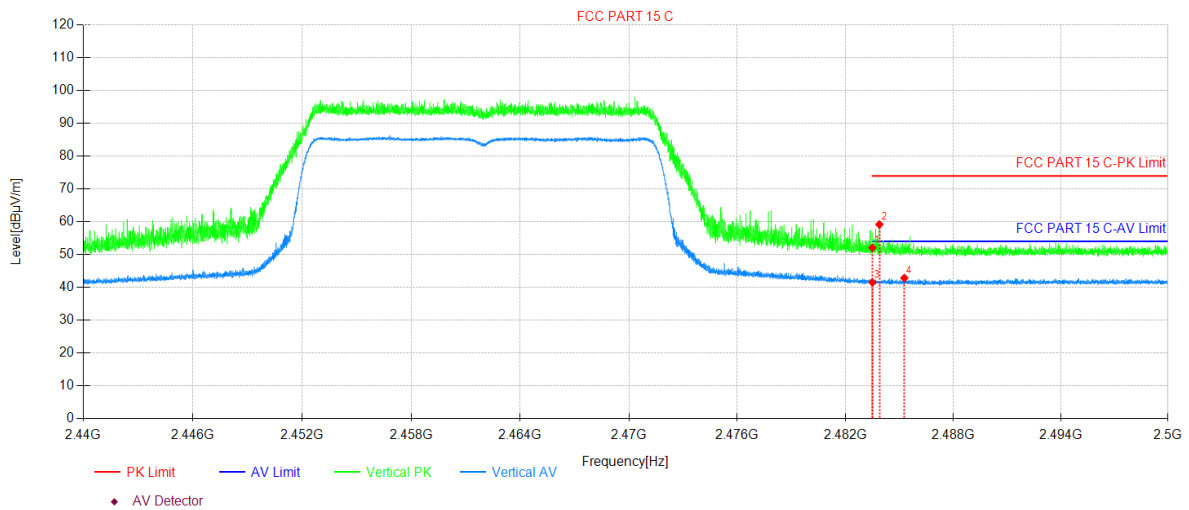
IEEE 802.11n- ax20 \_ Highest Channel:

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	66.99	-0.29	66.70	74.00	7.30	150	360	PK	Horizontal	PASS
2	2484.3864	72.81	-0.28	72.53	74.00	1.47	150	356	PK	Horizontal	PASS
3	2483.5044	50.59	-0.29	50.30	54.00	3.70	150	360	AV	Horizontal	PASS
4	2483.8284	51.46	-0.28	51.18	54.00	2.82	150	360	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	52.36	-0.29	52.07	74.00	21.93	150	1	PK	Vertical	PASS
2	2483.8944	59.45	-0.28	59.17	74.00	14.83	150	17	PK	Vertical	PASS
3	2483.5044	41.81	-0.29	41.52	54.00	12.48	150	1	AV	Vertical	PASS
4	2485.2805	43.12	-0.27	42.85	54.00	11.15	150	174	AV	Vertical	PASS

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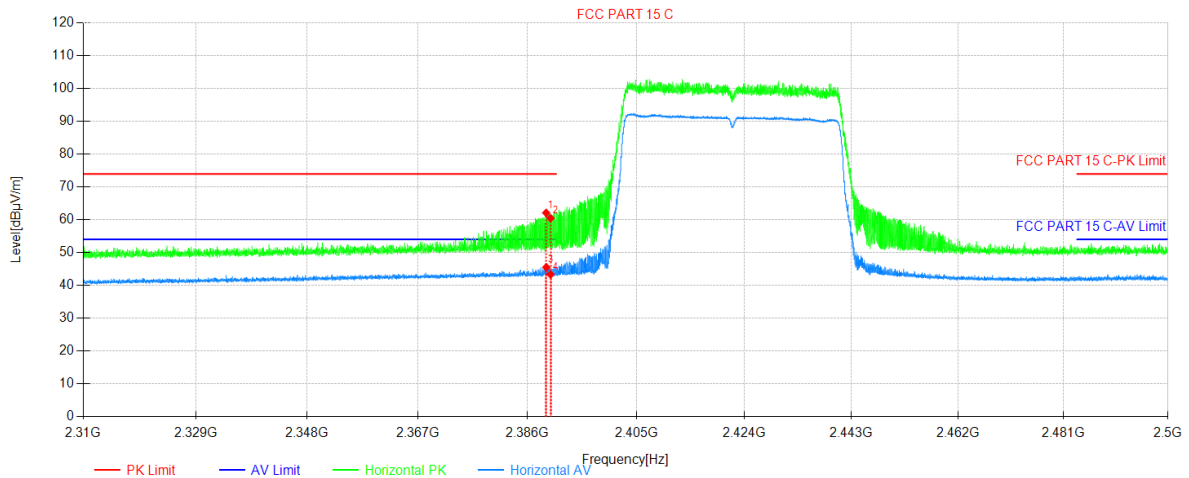
E-mail: info@uttlab.com

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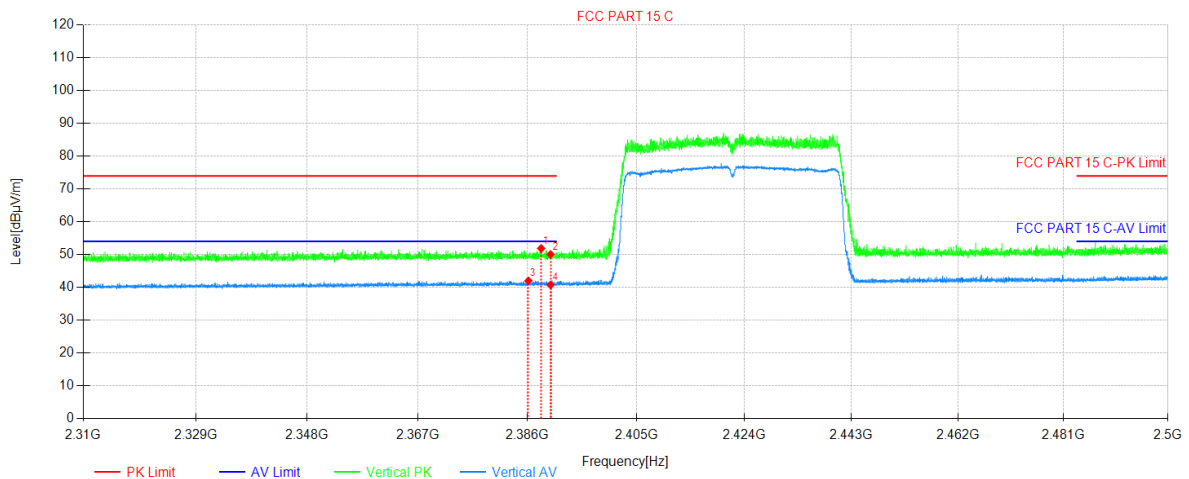
IEEE 802.11n-ax40 \_ Lowest Channel:

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	2389.2569	62.90	-0.80	62.10	74.00	11.90	100	3	PK	Horizontal	PASS
2	2390.017	61.28	-0.80	60.48	74.00	13.52	100	3	PK	Horizontal	PASS
3	2389.2759	46.30	-0.80	45.50	54.00	8.50	100	3	AV	Horizontal	PASS
4	2390.017	44.12	-0.80	43.32	54.00	10.68	100	21	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	2388.3828	52.66	-0.80	51.86	74.00	22.14	100	171	PK	Vertical	PASS
2	2390.017	50.86	-0.80	50.06	74.00	23.94	300	169	PK	Vertical	PASS
3	2386.1596	42.80	-0.81	41.99	54.00	12.01	300	177	AV	Vertical	PASS
4	2390.017	41.55	-0.80	40.75	54.00	13.25	300	133	AV	Vertical	PASS

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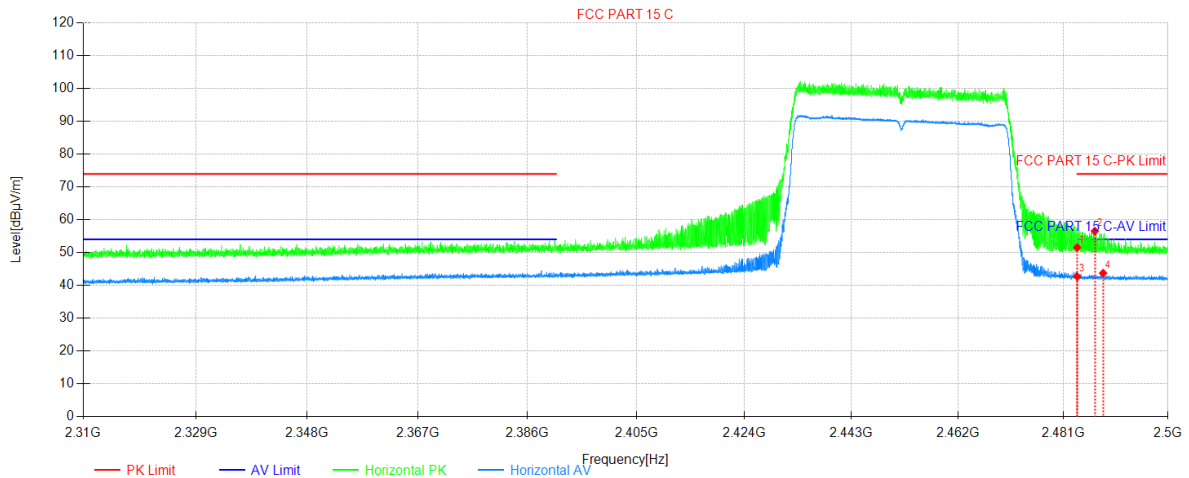
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<http://www.uttlab.com>

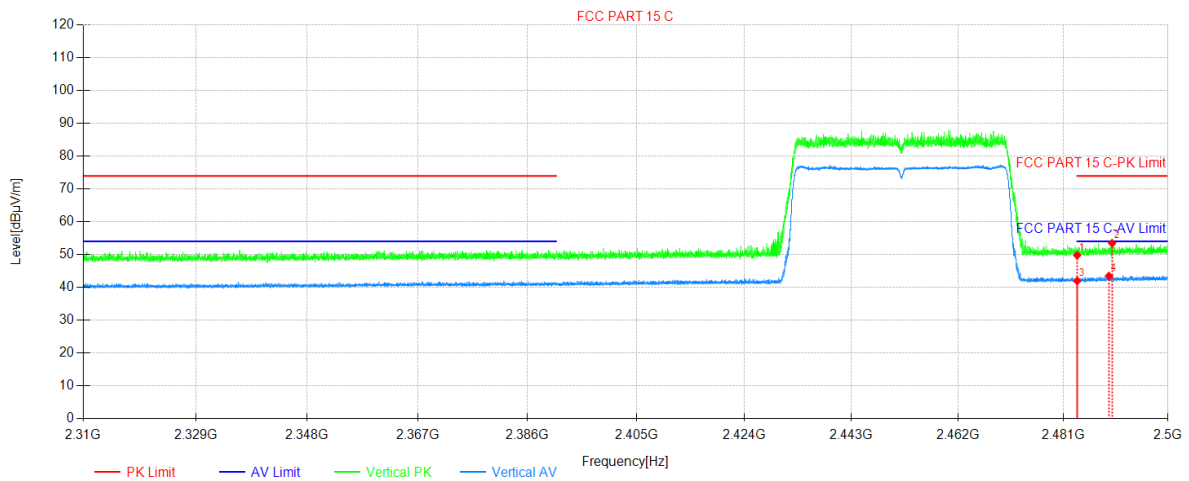
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**IEEE 802.11n- ax40 \_ Highest Channel:  
Test Graph**



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	2483.5064	51.82	-0.29	51.53	74.00	22.47	300	40	PK	Horizontal	PASS
2	2486.7177	56.83	-0.26	56.57	74.00	17.43	100	20	PK	Horizontal	PASS
3	2483.5064	42.98	-0.29	42.69	54.00	11.31	300	22	AV	Horizontal	PASS
4	2488.1998	43.99	-0.26	43.73	54.00	10.27	300	168	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	2483.5064	50.07	-0.29	49.78	74.00	24.22	100	168	PK	Vertical	PASS
2	2489.834	53.71	-0.24	53.47	74.00	20.53	300	110	PK	Vertical	PASS
3	2483.5064	42.25	-0.29	41.96	54.00	12.04	300	130	AV	Vertical	PASS
4	2489.2639	43.71	-0.24	43.47	54.00	10.53	300	173	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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