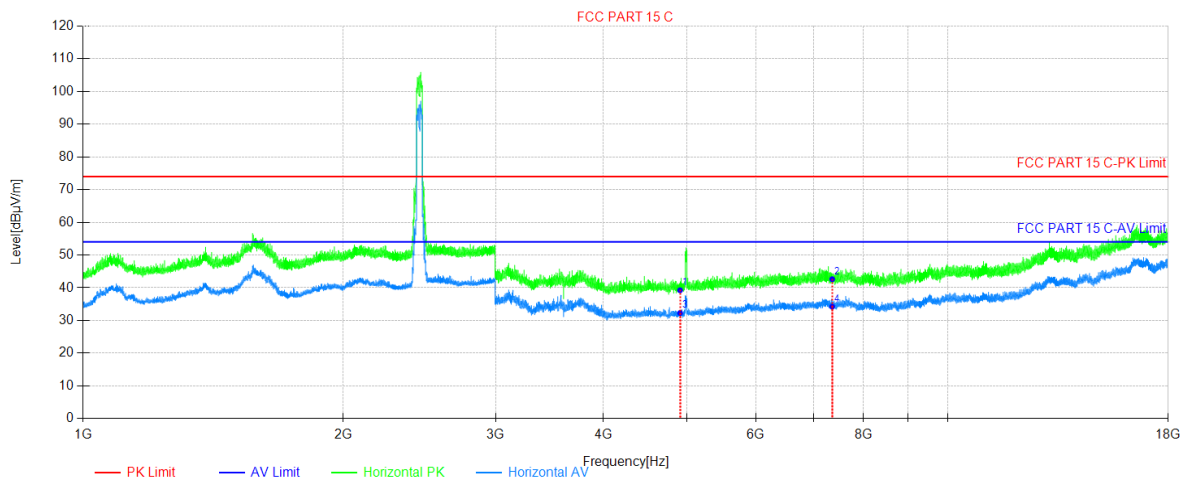


MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT40_Channel 9:

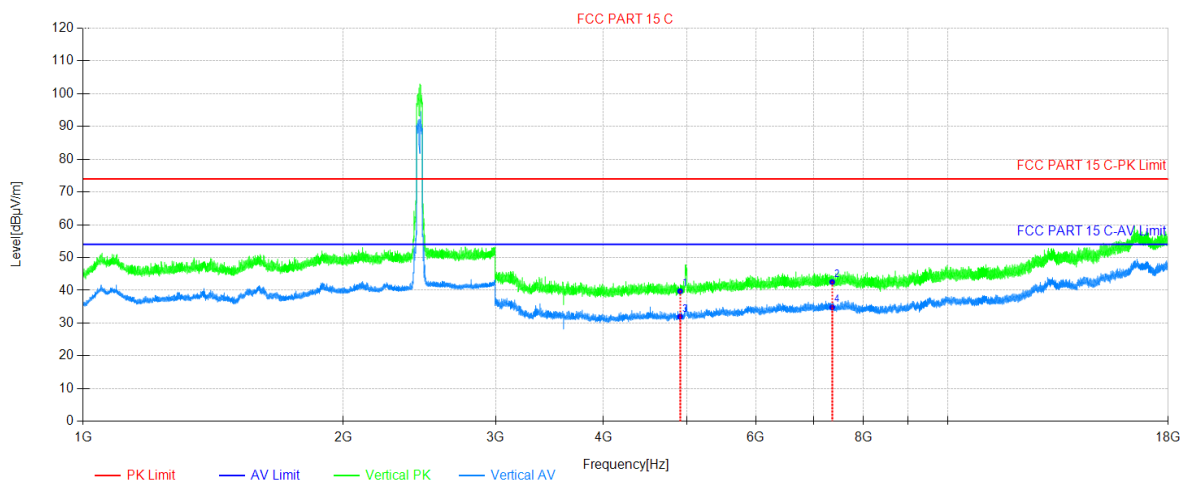
Test Graph



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	4904.4762	40.78	-1.53	39.25	74.00	34.75	150	96	PK	Horizontal	PASS
2	7356.1742	39.95	2.68	42.63	74.00	31.37	150	179	PK	Horizontal	PASS
3	4904.4762	33.86	-1.53	32.33	54.00	21.67	150	54	AV	Horizontal	PASS
4	7356.1742	31.55	2.68	34.23	54.00	19.77	150	30	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	4904.4762	41.29	-1.53	39.76	74.00	34.24	150	68	PK	Vertical	PASS
2	7356.1742	39.87	2.68	42.55	74.00	31.45	150	180	PK	Vertical	PASS
3	4904.4762	33.52	-1.53	31.99	54.00	22.01	150	138	AV	Vertical	PASS
4	7356.1742	32.14	2.68	34.82	54.00	19.18	150	123	AV	Vertical	PASS

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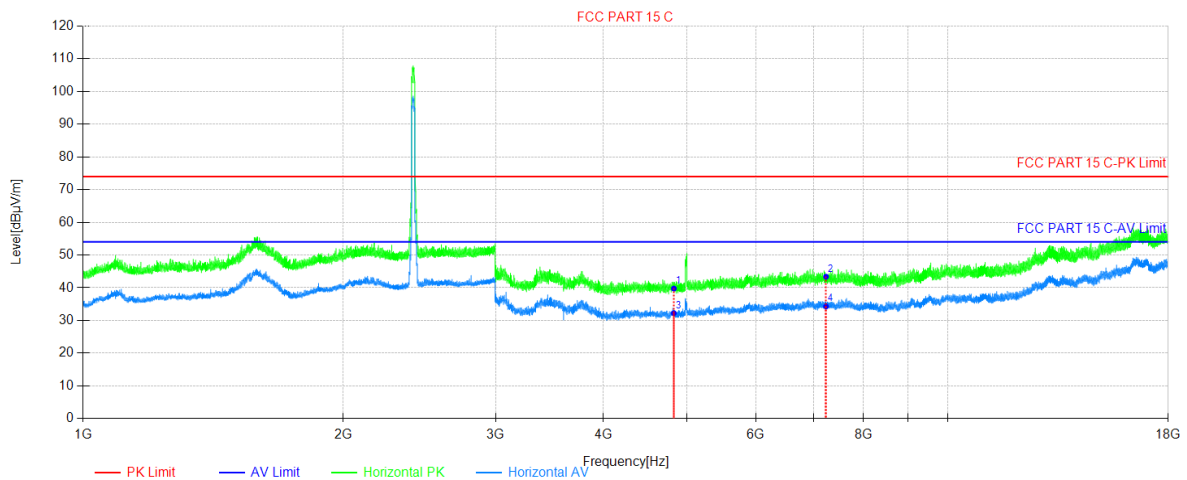
E-mail: info@uttlab.com

<http://www.uttlab.com>

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MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT20_SU_Channel 1:

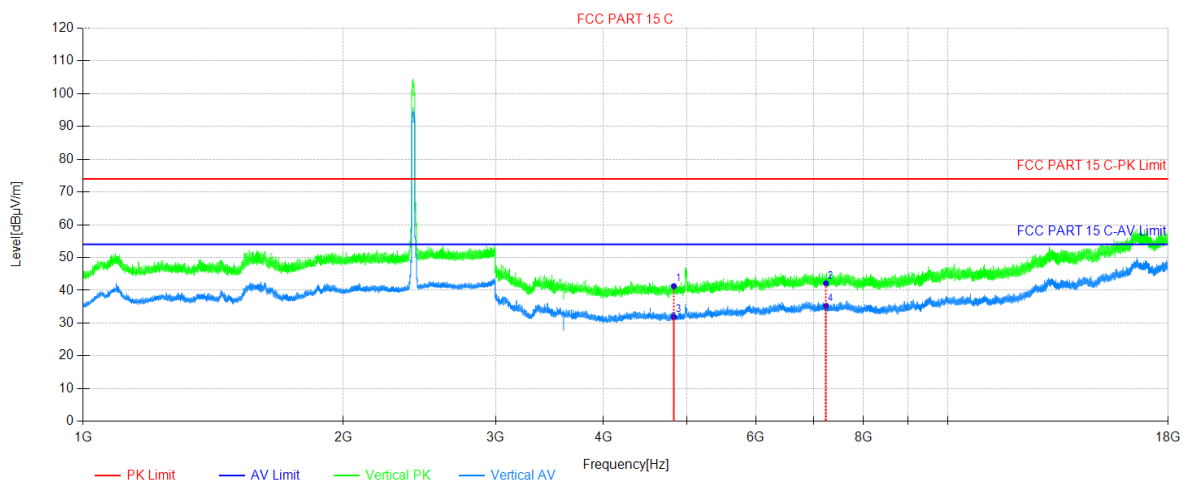
Test Graph



Data List

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1	4824.073	40.94	-1.18	39.76	74.00	34.24	150	158	PK	Horizontal	PASS
2	7236.1694	40.82	2.58	43.40	74.00	30.60	150	55	PK	Horizontal	PASS
3	4824.073	33.43	-1.18	32.25	54.00	21.75	150	179	AV	Horizontal	PASS
4	7236.1694	31.73	2.58	34.31	54.00	19.69	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	4824.073	42.46	-1.18	41.28	74.00	32.72	150	178	PK	Vertical	PASS
2	7236.1694	39.55	2.58	42.13	74.00	31.87	150	77	PK	Vertical	PASS
3	4824.073	33.03	-1.18	31.85	54.00	22.15	150	178	AV	Vertical	PASS
4	7236.1694	32.68	2.58	35.26	54.00	18.74	150	159	AV	Vertical	PASS

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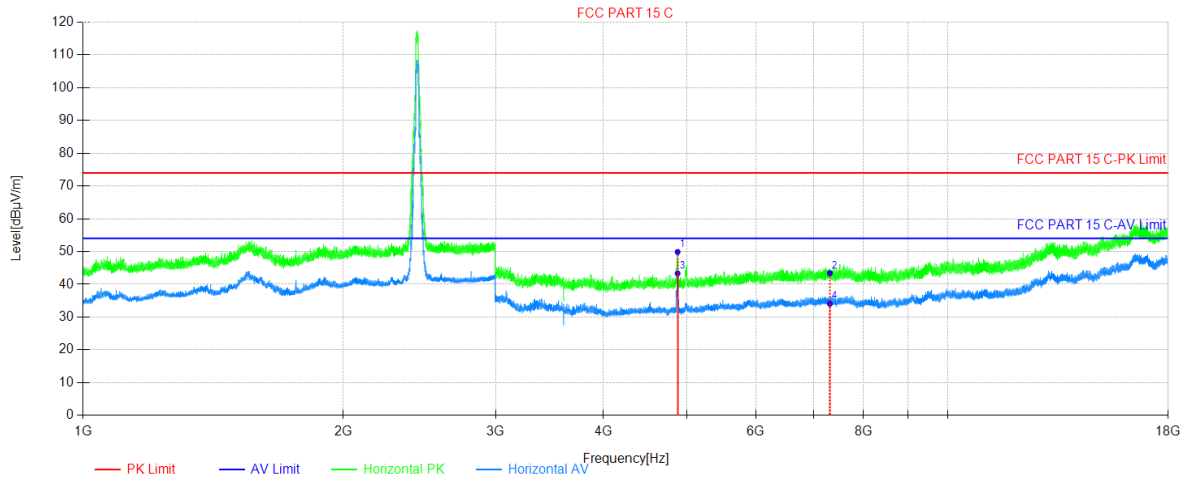
E-mail: info@uttlab.com

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MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT20_SU_Channel 6:

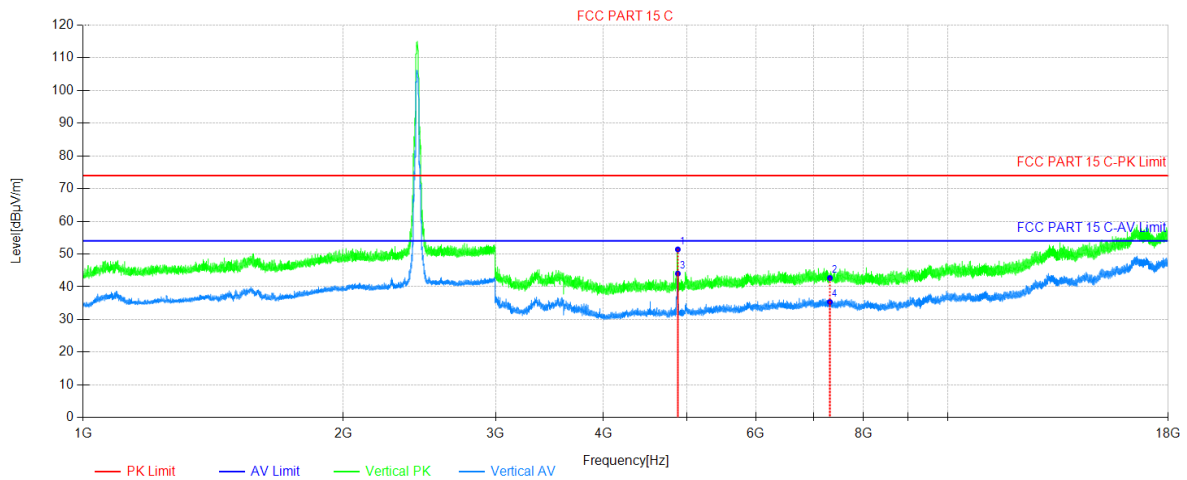
Test Graph



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	4872.6749	51.58	-1.70	49.88	74.00	24.12	150	54	PK	Horizontal	PASS
2	7311.1724	41.07	2.35	43.42	74.00	30.58	150	180	PK	Horizontal	PASS
3	4873.2749	45.05	-1.71	43.34	54.00	10.66	150	54	AV	Horizontal	PASS
4	7311.1724	31.72	2.35	34.07	54.00	19.93	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	4875.675	53.16	-1.74	51.42	74.00	22.58	150	54	PK	Vertical	PASS
2	7311.1724	40.34	2.35	42.69	74.00	31.31	150	179	PK	Vertical	PASS
3	4876.2751	45.77	-1.74	44.03	54.00	9.97	150	54	AV	Vertical	PASS
4	7311.1724	33.01	2.35	35.36	54.00	18.64	150	82	AV	Vertical	PASS

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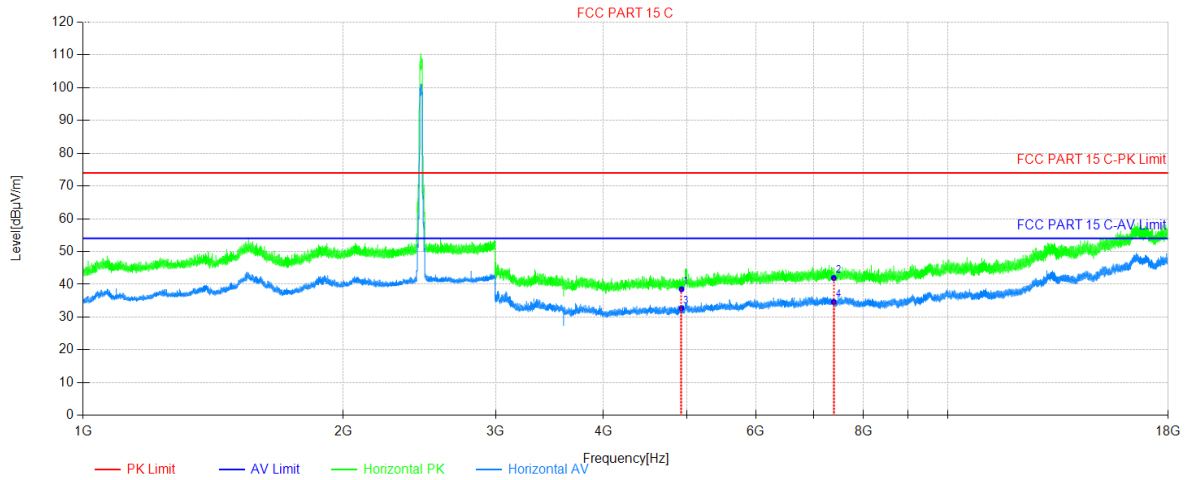
E-mail: info@uttlab.com

<http://www.uttlab.com>

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MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT20_SU_Channel 11:

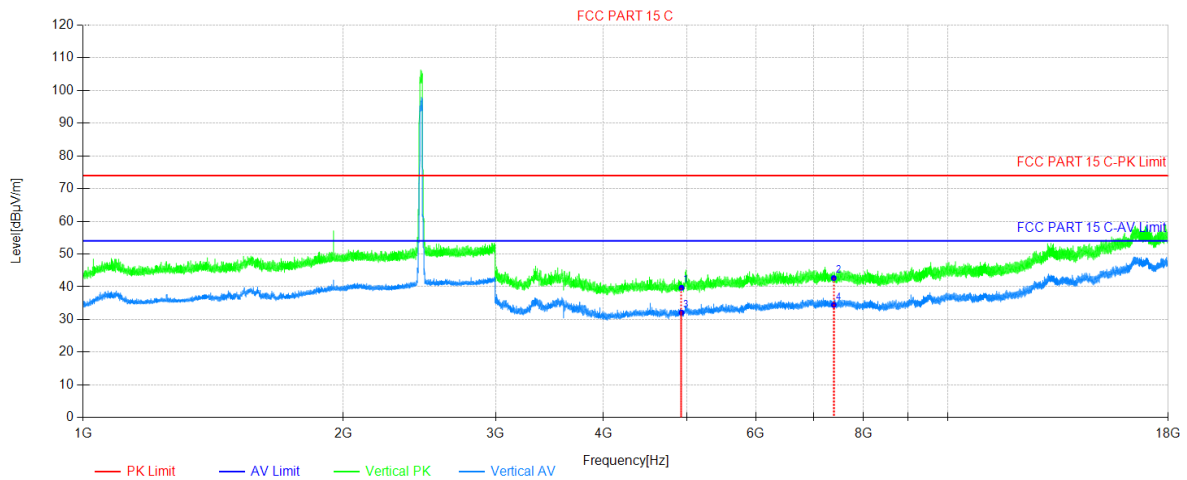
Test Graph



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	4924.277	40.08	-1.57	38.51	74.00	35.49	150	180	PK	Horizontal	PASS
2	7386.1754	39.00	2.95	41.95	74.00	32.05	150	170	PK	Horizontal	PASS
3	4924.277	34.32	-1.57	32.75	54.00	21.25	150	70	AV	Horizontal	PASS
4	7386.1754	31.69	2.95	34.64	54.00	19.36	150	145	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	4924.277	41.28	-1.57	39.71	74.00	34.29	150	179	PK	Vertical	PASS
2	7386.1754	39.72	2.95	42.67	74.00	31.33	150	178	PK	Vertical	PASS
3	4924.277	33.67	-1.57	32.10	54.00	21.90	150	94	AV	Vertical	PASS
4	7386.1754	31.50	2.95	34.45	54.00	19.55	150	55	AV	Vertical	PASS

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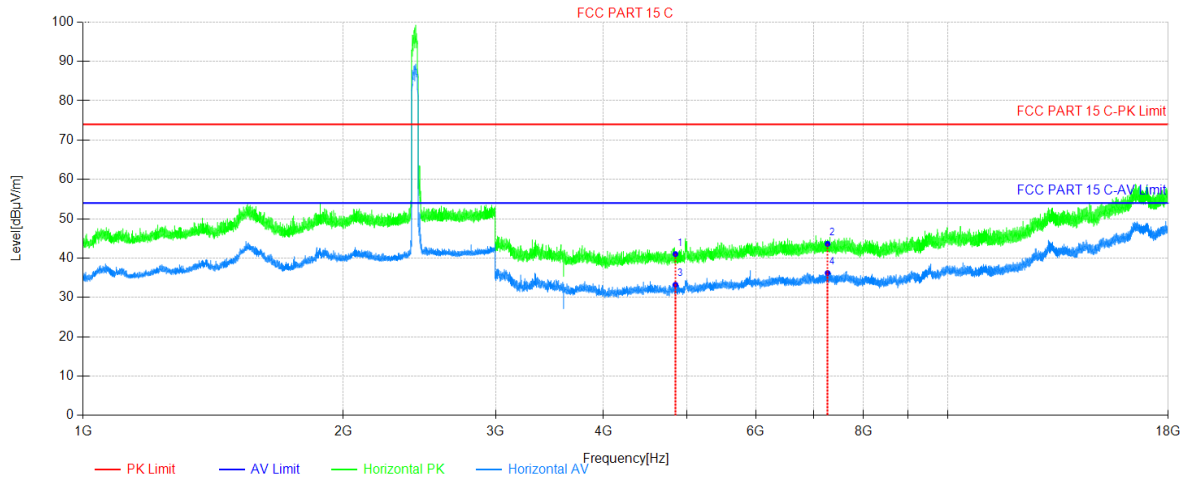
E-mail: info@uttlab.com

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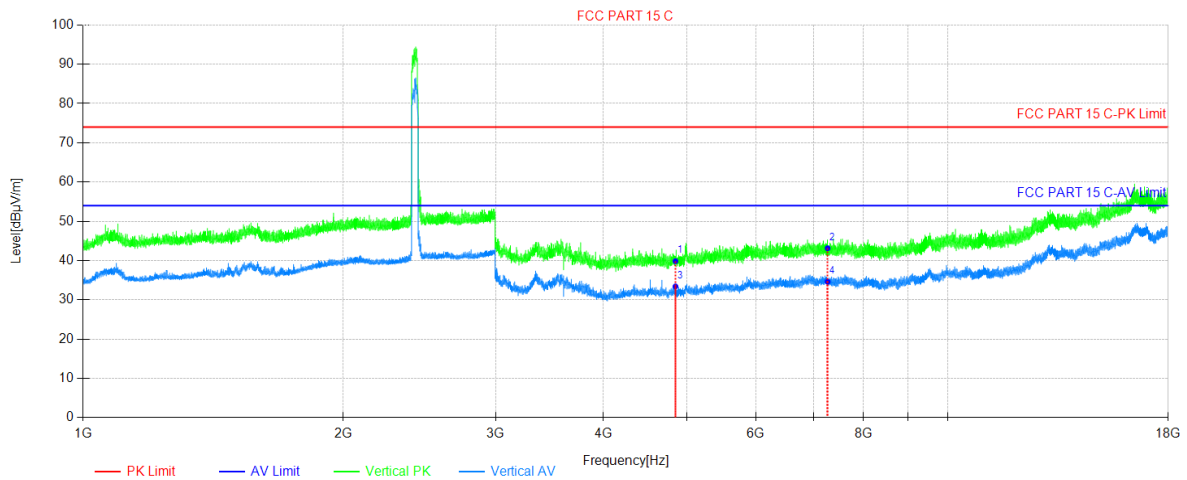
MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT40_SU_Channel 3:

Test Graph



Data List											
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1	4844.4738	42.27	-1.24	41.03	74.00	32.97	150	141	PK	Horizontal	PASS
2	7266.1706	40.92	2.71	43.63	74.00	30.37	150	180	PK	Horizontal	PASS
3	4844.4738	34.48	-1.24	33.24	54.00	20.76	150	180	AV	Horizontal	PASS
4	7266.1706	33.51	2.71	36.22	54.00	17.78	150	154	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	4844.4738	41.10	-1.24	39.86	74.00	34.14	150	69	PK	Vertical	PASS
2	7266.1706	40.45	2.71	43.16	74.00	30.84	150	179	PK	Vertical	PASS
3	4844.4738	34.67	-1.24	33.43	54.00	20.57	150	41	AV	Vertical	PASS
4	7266.1706	31.92	2.71	34.63	54.00	19.37	150	123	AV	Vertical	PASS

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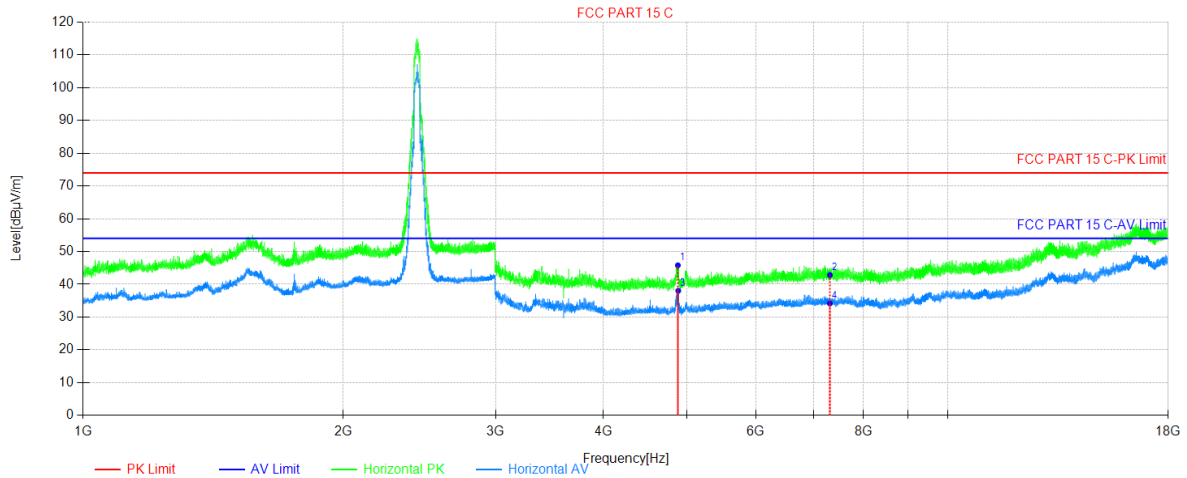
E-mail: info@uttlab.com

<http://www.uttlab.com>

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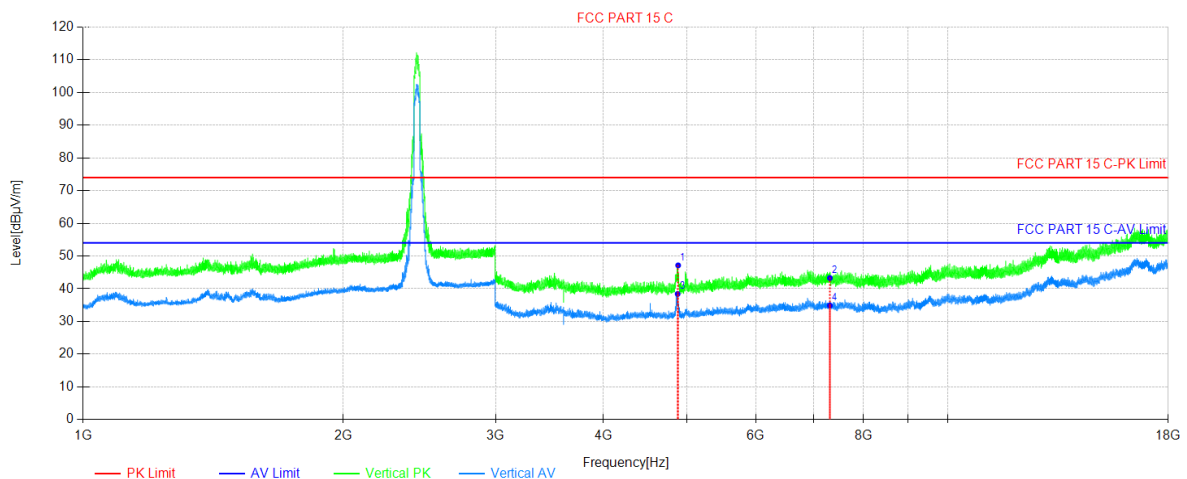
MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT40_SU_Channel 6:

Test Graph



Data List											
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1	4876.2751	47.54	-1.74	45.80	74.00	28.20	150	54	PK	Horizontal	PASS
2	7311.1724	40.49	2.35	42.84	74.00	31.16	150	165	PK	Horizontal	PASS
3	4881.0752	39.79	-1.74	38.05	54.00	15.95	150	41	AV	Horizontal	PASS
4	7311.1724	31.81	2.35	34.16	54.00	19.84	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	4879.8752	48.92	-1.75	47.17	74.00	26.83	150	54	PK	Vertical	PASS
2	7311.1724	40.95	2.35	43.30	74.00	30.70	150	138	PK	Vertical	PASS
3	4873.2749	40.14	-1.71	38.43	54.00	15.57	150	97	AV	Vertical	PASS
4	7311.1724	32.54	2.35	34.89	54.00	19.11	150	152	AV	Vertical	PASS

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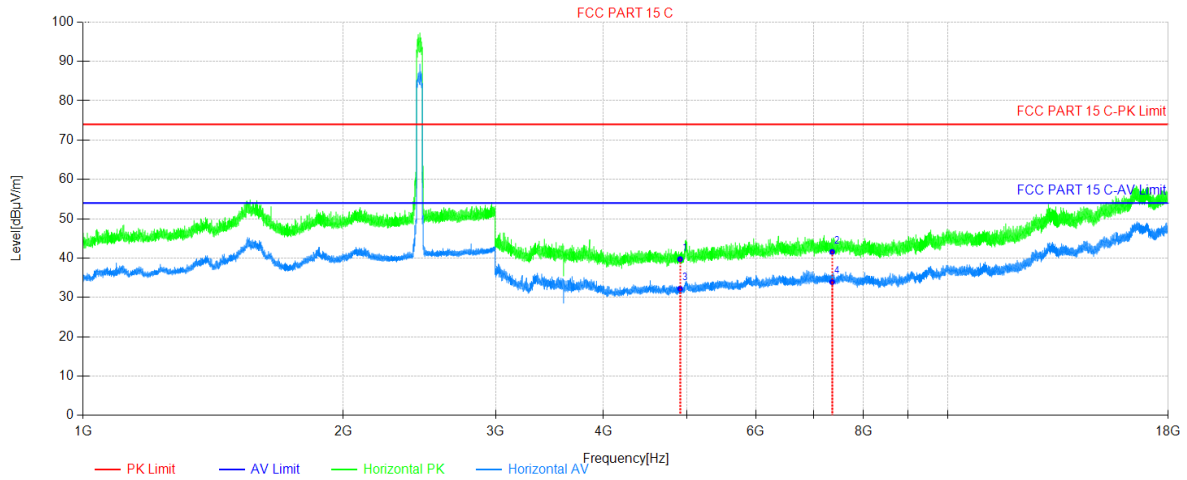
E-mail: info@uttlab.com

<http://www.uttlab.com>

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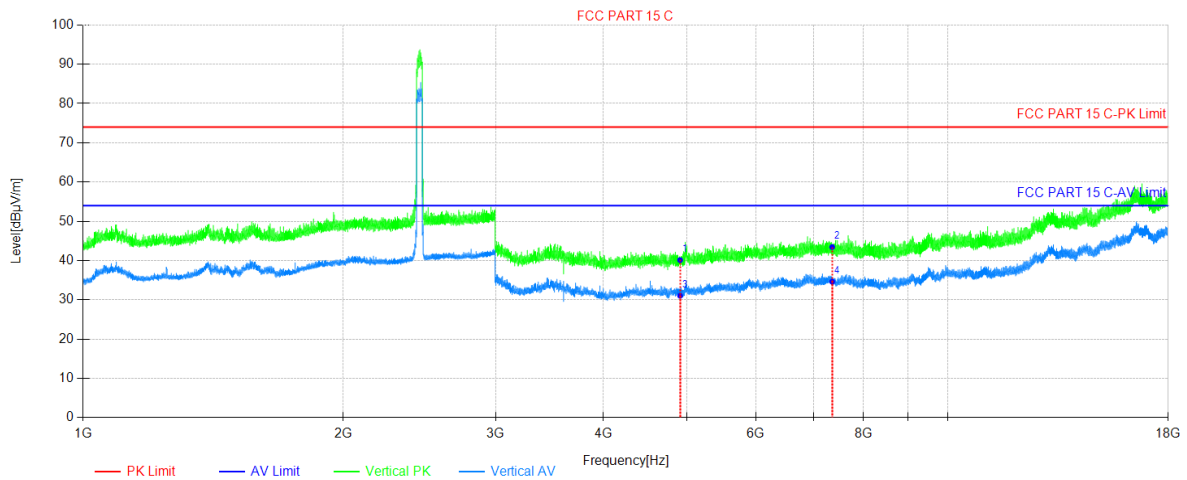
MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HT40_SU_Channel 9:

Test Graph



Data List											
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1	4904.4762	41.27	-1.53	39.74	74.00	34.26	150	174	PK	Horizontal	PASS
2	7356.1742	38.91	2.68	41.59	74.00	32.41	150	179	PK	Horizontal	PASS
3	4904.4762	33.77	-1.53	32.24	54.00	21.76	150	180	AV	Horizontal	PASS
4	7356.1742	31.23	2.68	33.91	54.00	20.09	150	75	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	4904.4762	41.67	-1.53	40.14	74.00	33.86	150	179	PK	Vertical	PASS
2	7356.1742	40.78	2.68	43.46	74.00	30.54	150	138	PK	Vertical	PASS
3	4904.4762	32.58	-1.53	31.05	54.00	22.95	150	30	AV	Vertical	PASS
4	7356.1742	31.95	2.68	34.63	54.00	19.37	150	180	AV	Vertical	PASS

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E-mail: info@uttlab.com

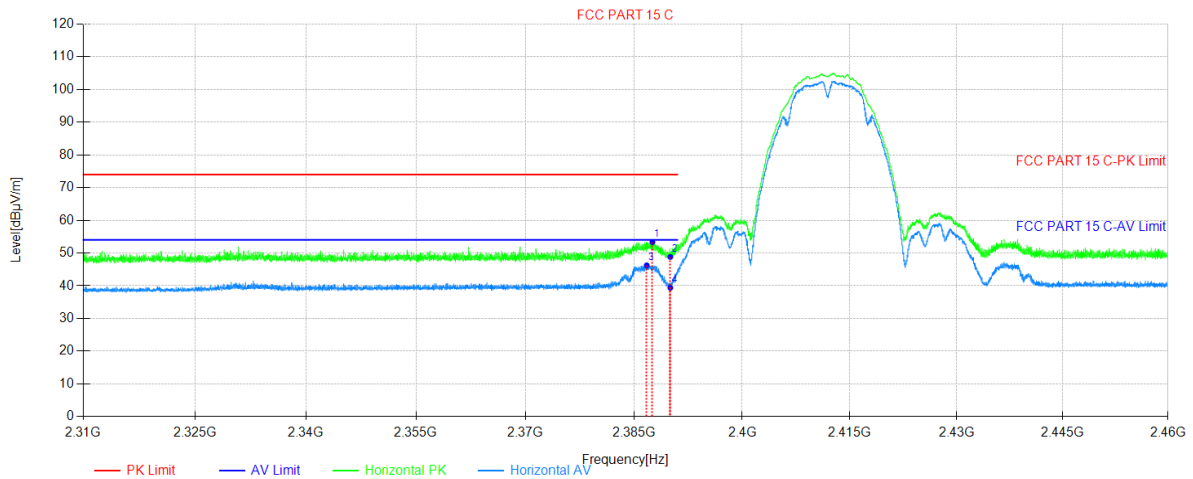
<http://www.uttlab.com>

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A.5 BAND EDGE MEASUREMENTS (RADIATED)

SISO_ Antenna 0 _IEEE 802.11b_ Channel 1:

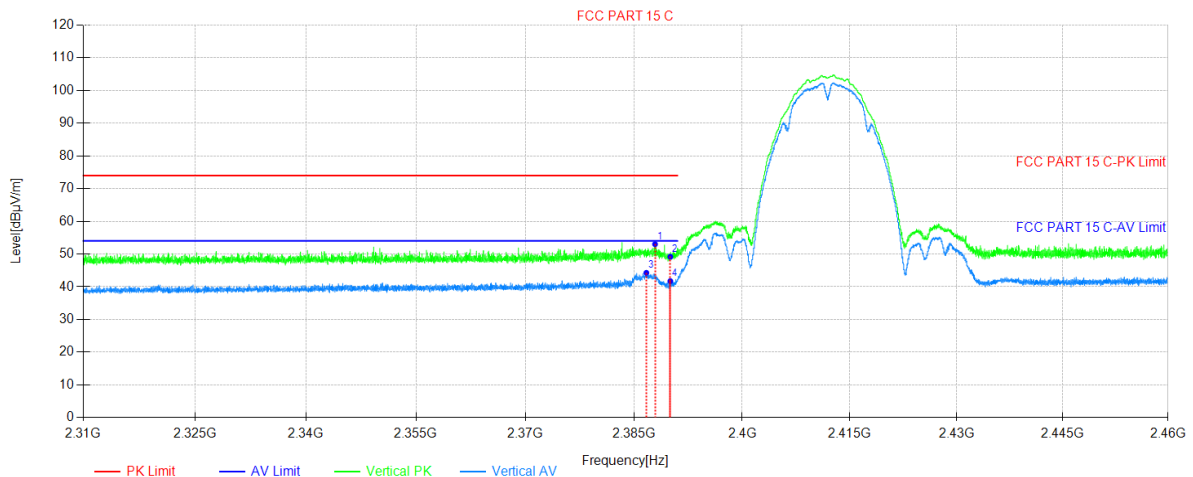
Test Graph



Data List

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1	2387.5278	51.97	1.37	53.34	74.00	20.66	150	268	PK	Horizontal	PASS
2	2390.003	47.46	1.37	48.83	74.00	25.17	150	293	PK	Horizontal	PASS
3	2386.7327	44.89	1.37	46.26	54.00	7.74	150	268	AV	Horizontal	PASS
4	2390.003	38.01	1.37	39.38	54.00	14.62	150	252	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	2387.8878	51.66	1.37	53.03	74.00	20.97	150	199	PK	Vertical	PASS
2	2390.003	47.82	1.37	49.19	74.00	24.81	150	64	PK	Vertical	PASS
3	2386.6877	42.90	1.37	44.27	54.00	9.73	150	322	AV	Vertical	PASS
4	2390.003	40.36	1.37	41.73	54.00	12.27	150	199	AV	Vertical	PASS

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Fax: +86-755-28230886

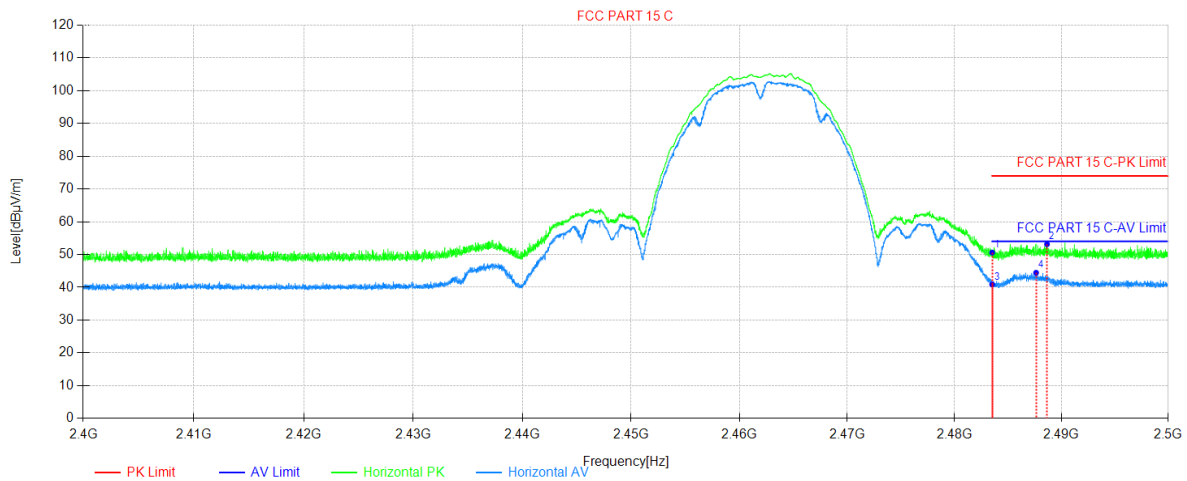
E-mail: info@uttlab.com

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SISO_Antenna 0_ IEEE 802.11b_Channel 11:

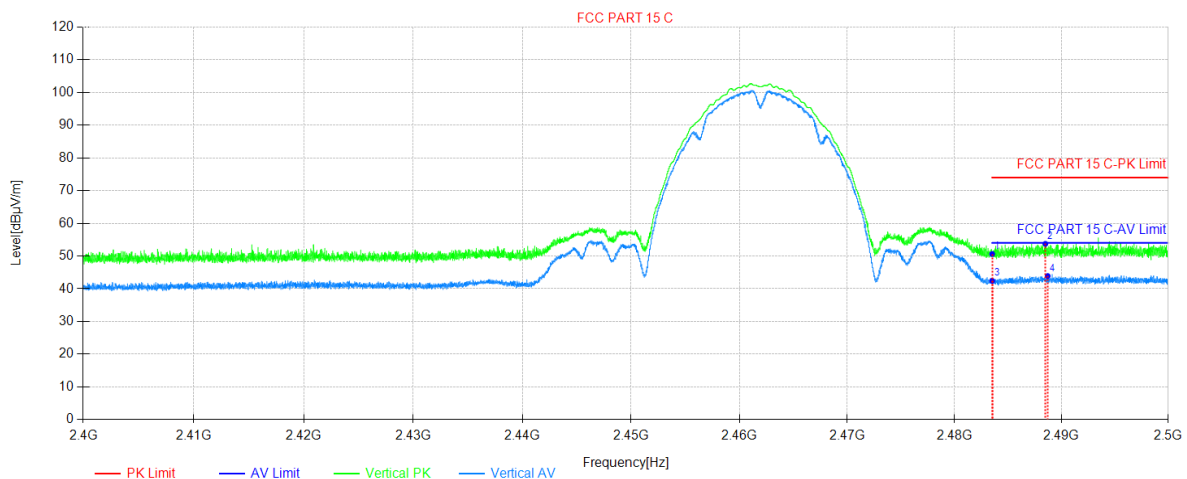
Test Graph



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	2483.5084	48.75	1.86	50.61	74.00	23.39	150	279	PK	Horizontal	PASS
2	2488.6389	51.28	1.87	53.15	74.00	20.85	150	286	PK	Horizontal	PASS
3	2483.5084	39.01	1.86	40.87	54.00	13.13	150	270	AV	Horizontal	PASS
4	2487.6188	42.60	1.86	44.46	54.00	9.54	150	279	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	2483.5084	48.77	1.86	50.63	74.00	23.37	150	188	PK	Vertical	PASS
2	2488.4888	51.86	1.87	53.73	74.00	20.27	150	195	PK	Vertical	PASS
3	2483.5084	40.59	1.86	42.45	54.00	11.55	150	195	AV	Vertical	PASS
4	2488.7089	42.03	1.87	43.90	54.00	10.10	150	195	AV	Vertical	PASS

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Fax: +86-755-28230886

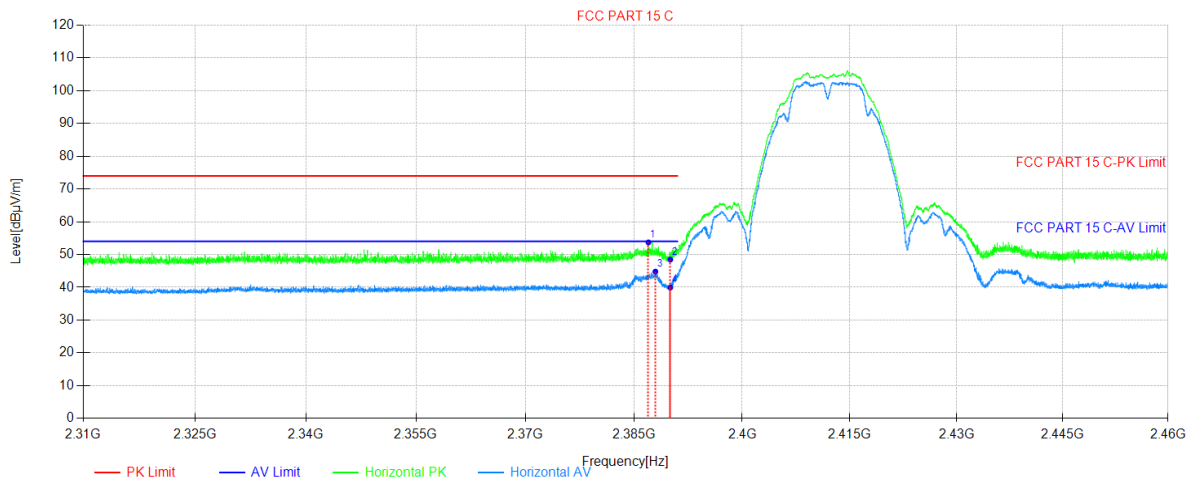
E-mail: info@uttlab.com

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SISO_Antenna 1_ IEEE 802.11b_Channel 1:

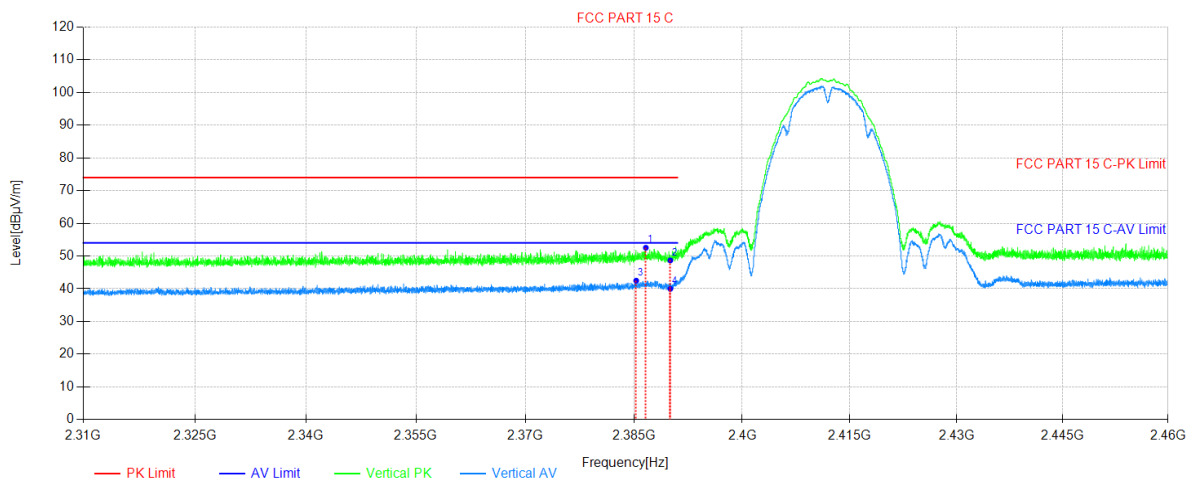
Test Graph



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	2386.9727	52.35	1.37	53.72	74.00	20.28	150	264	PK	Horizontal	PASS
2	2390.003	47.10	1.37	48.47	74.00	25.53	150	224	PK	Horizontal	PASS
3	2387.9328	43.44	1.37	44.81	54.00	9.19	150	102	AV	Horizontal	PASS
4	2390.003	38.57	1.37	39.94	54.00	14.06	150	255	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	2386.6127	51.18	1.37	52.55	74.00	21.45	150	195	PK	Vertical	PASS
2	2390.003	47.31	1.37	48.68	74.00	25.32	150	259	PK	Vertical	PASS
3	2385.2775	41.12	1.37	42.49	54.00	11.51	150	195	AV	Vertical	PASS
4	2390.003	38.62	1.37	39.99	54.00	14.01	150	195	AV	Vertical	PASS

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Fax: +86-755-28230886

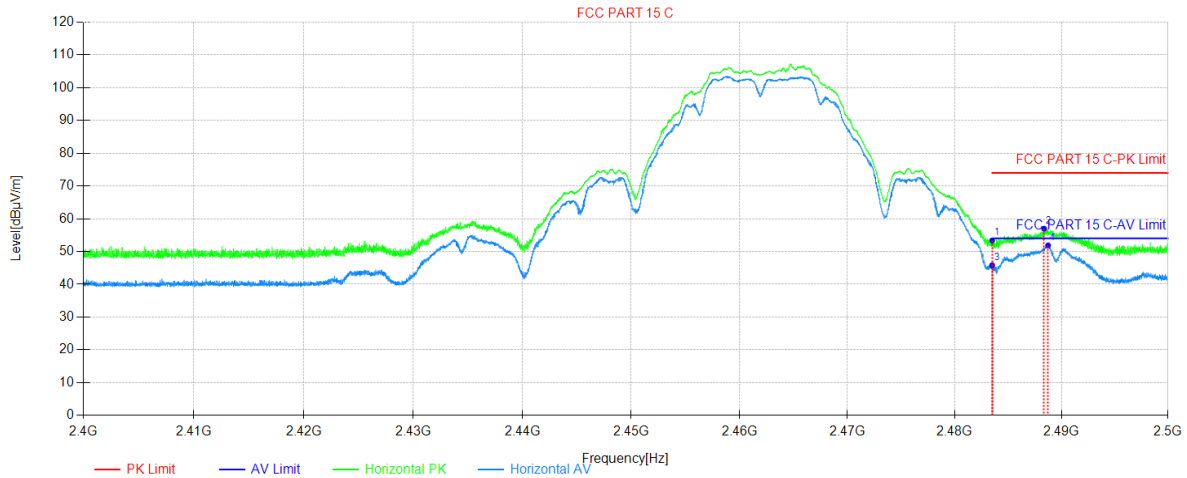
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SISO_Antenna 1_ IEEE 802.11b_Channel 11:

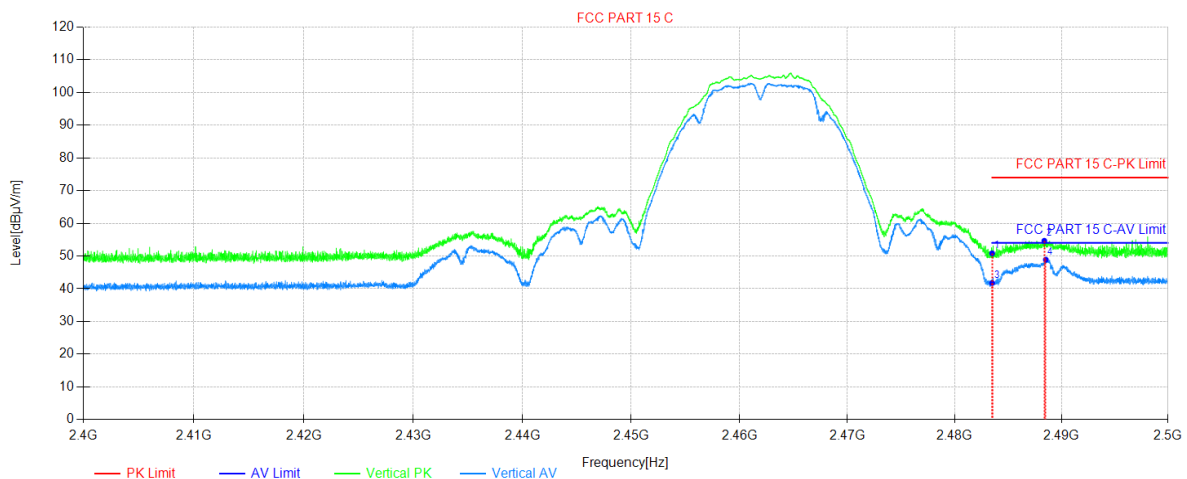
Test Graph



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	2483.5084	51.53	1.86	53.39	74.00	20.61	150	75	PK	Horizontal	PASS
2	2488.3688	55.09	1.87	56.96	74.00	17.04	150	84	PK	Horizontal	PASS
3	2483.5084	43.98	1.86	45.84	54.00	8.16	150	84	AV	Horizontal	PASS
4	2488.7389	50.01	1.87	51.88	54.00	2.12	150	84	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	2483.5084	48.97	1.86	50.83	74.00	23.17	150	194	PK	Vertical	PASS
2	2488.3888	52.80	1.87	54.67	74.00	19.33	150	85	PK	Vertical	PASS
3	2483.5084	39.90	1.86	41.76	54.00	12.24	150	203	AV	Vertical	PASS
4	2488.5289	47.04	1.87	48.91	54.00	5.09	150	97	AV	Vertical	PASS

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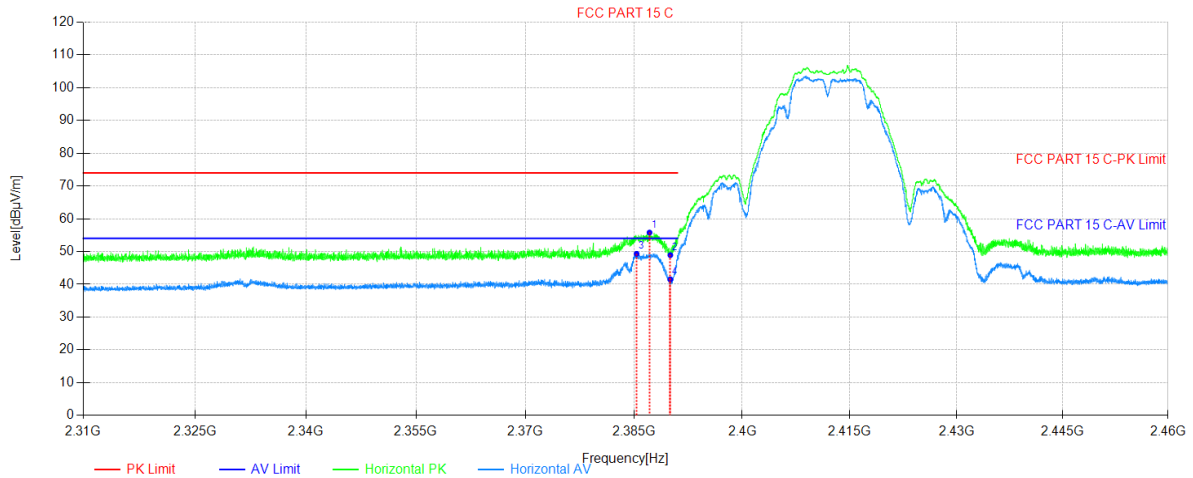
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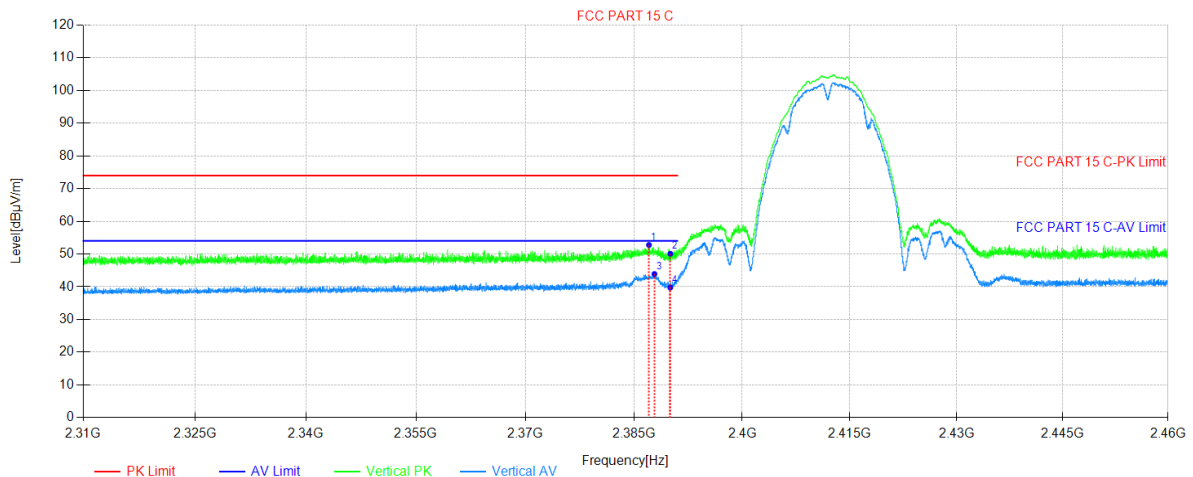
Test Graph



Data List

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1	2387.1227	54.42	1.37	55.79	74.00	18.21	150	265	PK	Horizontal	PASS
2	2390.003	47.55	1.37	48.92	74.00	25.08	150	251	PK	Horizontal	PASS
3	2385.3375	47.94	1.37	49.31	54.00	4.69	150	258	AV	Horizontal	PASS
4	2390.003	40.16	1.37	41.53	54.00	12.47	150	258	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	2387.0477	51.41	1.37	52.78	74.00	21.22	150	275	PK	Vertical	PASS
2	2390.003	48.73	1.37	50.10	74.00	23.90	150	200	PK	Vertical	PASS
3	2387.7978	42.55	1.37	43.92	54.00	10.08	150	275	AV	Vertical	PASS
4	2390.003	38.40	1.37	39.77	54.00	14.23	150	208	AV	Vertical	PASS

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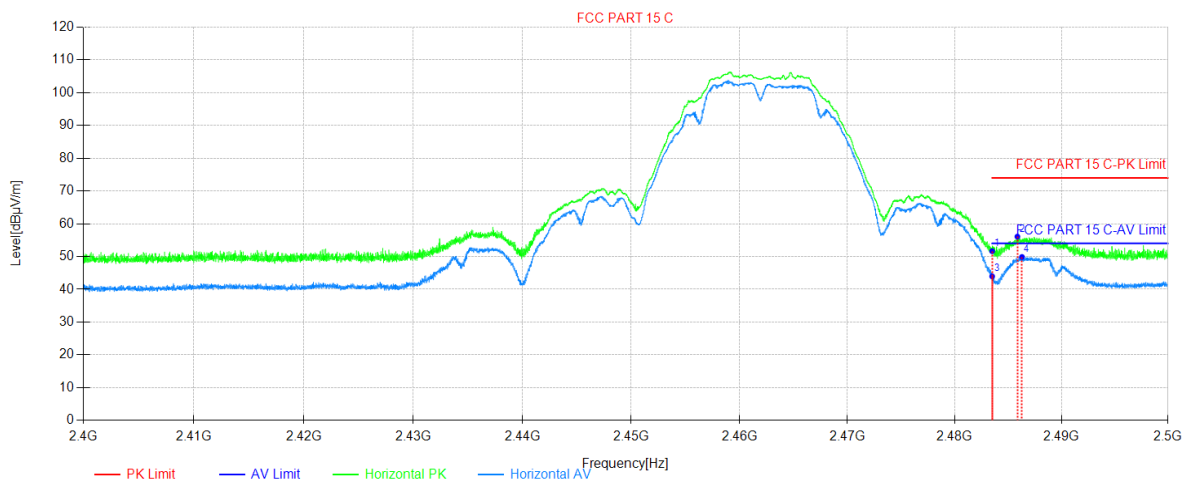
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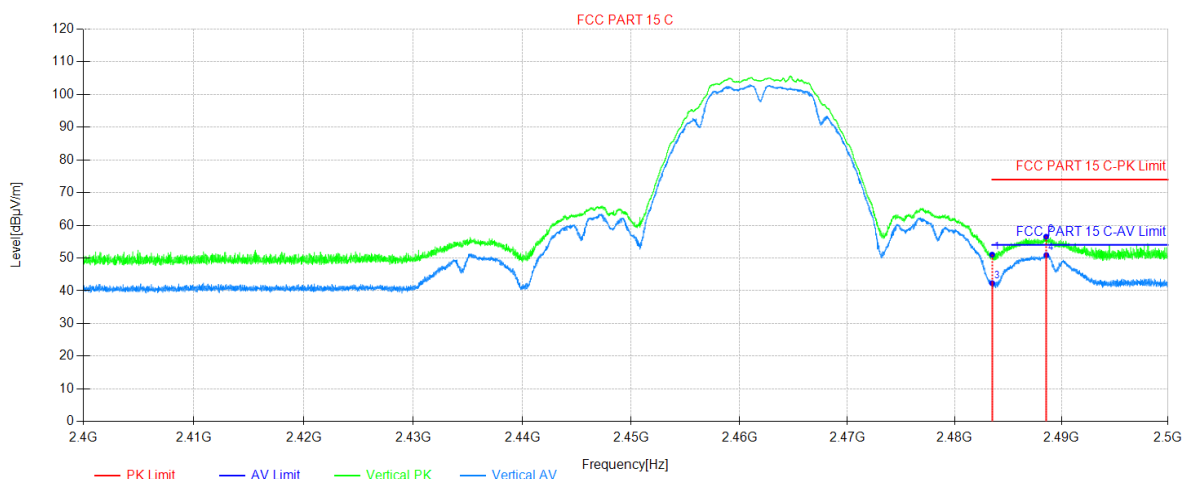
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Test Graph



Data List											
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1	2483.5084	49.79	1.86	51.65	74.00	22.35	150	267	PK	Horizontal	PASS
2	2485.8686	54.22	1.86	56.08	74.00	17.92	150	267	PK	Horizontal	PASS
3	2483.5084	42.10	1.86	43.96	54.00	10.04	150	275	AV	Horizontal	PASS
4	2486.2986	48.01	1.86	49.87	54.00	4.13	150	275	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	2483.5084	49.18	1.86	51.04	74.00	22.96	150	222	PK	Vertical	PASS
2	2488.5589	54.65	1.87	56.52	74.00	17.48	150	268	PK	Vertical	PASS
3	2483.5084	40.46	1.86	42.32	54.00	11.68	150	261	AV	Vertical	PASS
4	2488.5789	49.04	1.87	50.91	54.00	3.09	150	268	AV	Vertical	PASS

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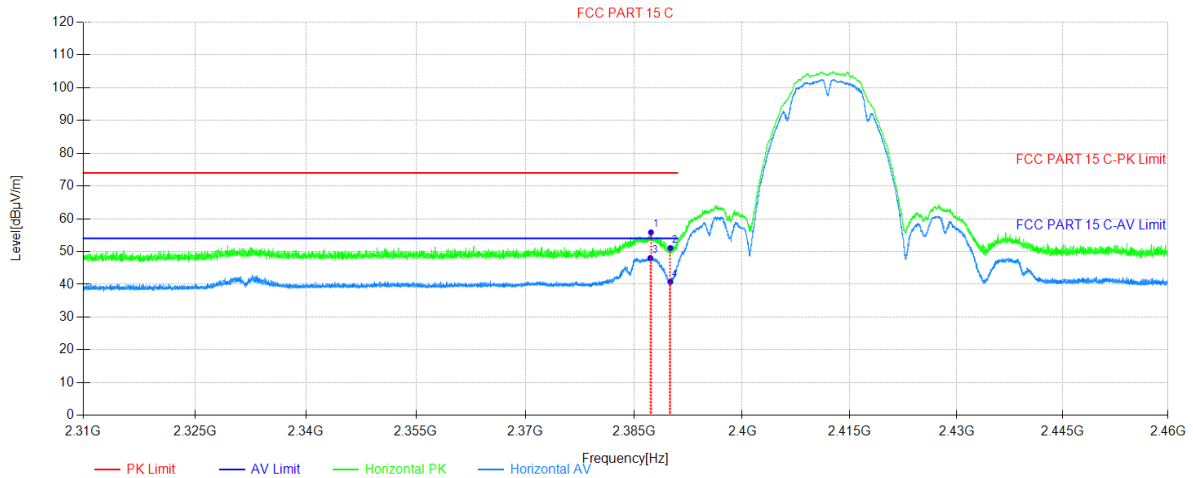
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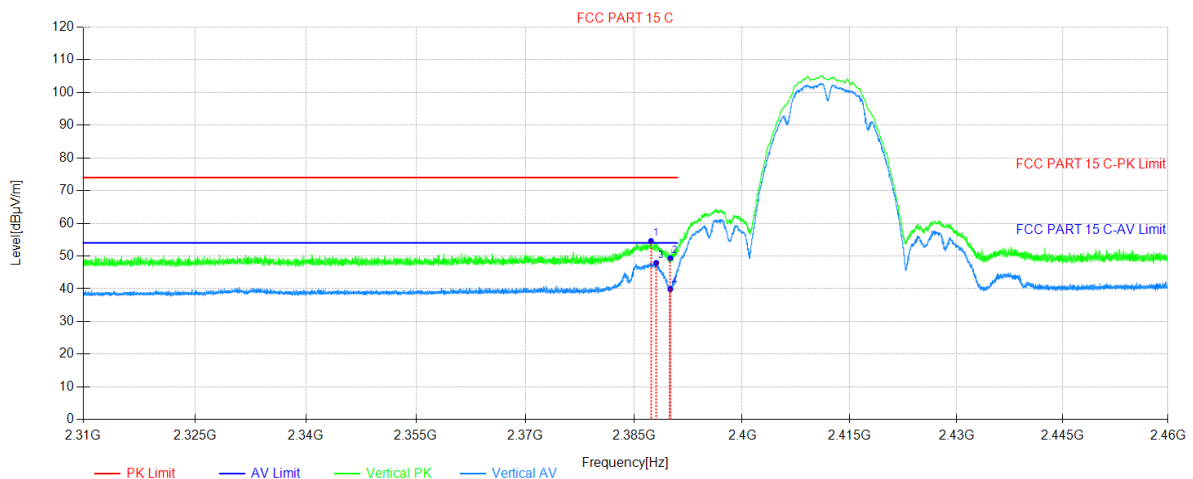
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Data List

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1	2387.3177	54.48	1.37	55.85	74.00	18.15	150	345	PK	Horizontal	PASS
2	2390.003	49.70	1.37	51.07	74.00	22.93	150	345	PK	Horizontal	PASS
3	2387.2427	46.69	1.37	48.06	54.00	5.94	150	340	AV	Horizontal	PASS
4	2390.003	39.36	1.37	40.73	54.00	13.27	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	2387.3327	53.23	1.37	54.60	74.00	19.40	150	211	PK	Vertical	PASS
2	2390.003	47.98	1.37	49.35	74.00	24.65	150	211	PK	Vertical	PASS
3	2388.0528	46.56	1.37	47.93	54.00	6.07	150	211	AV	Vertical	PASS
4	2390.003	38.53	1.37	39.90	54.00	14.10	150	211	AV	Vertical	PASS

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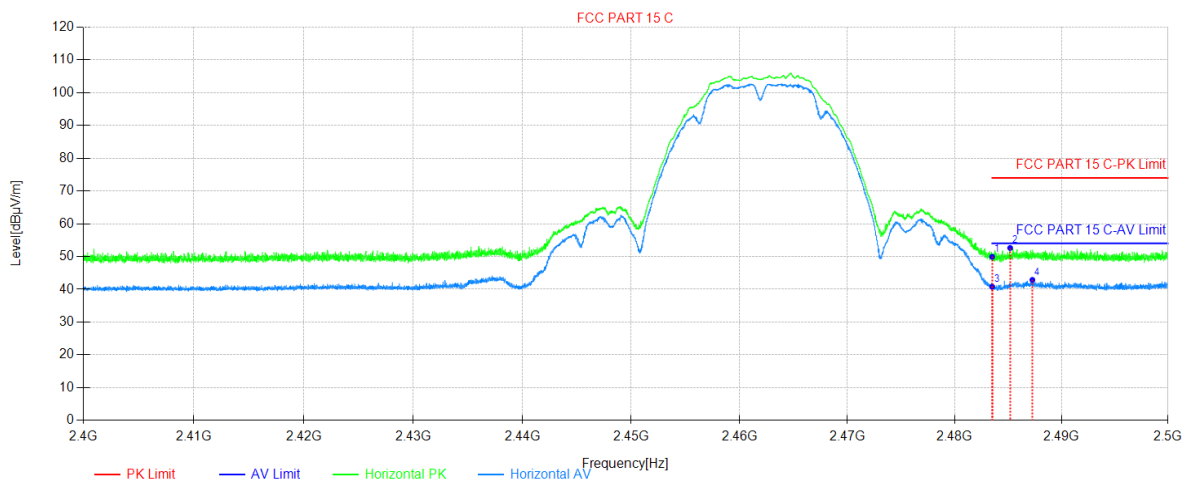
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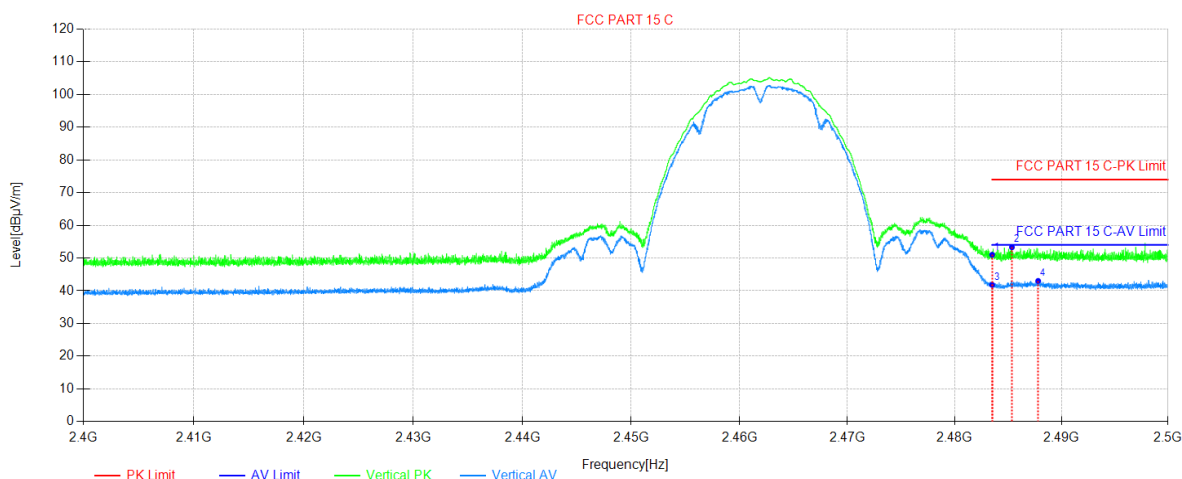
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Data List

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1	2483.5084	48.07	1.86	49.93	74.00	24.07	150	331	PK	Horizontal	PASS
2	2485.1885	50.76	1.87	52.63	74.00	21.37	150	250	PK	Horizontal	PASS
3	2483.5084	38.92	1.86	40.78	54.00	13.22	150	351	AV	Horizontal	PASS
4	2487.2687	41.03	1.86	42.89	54.00	11.11	150	250	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	2483.5084	49.15	1.86	51.01	74.00	22.99	150	258	PK	Vertical	PASS
2	2485.3585	51.45	1.86	53.31	74.00	20.69	150	274	PK	Vertical	PASS
3	2483.5084	39.96	1.86	41.82	54.00	12.18	150	266	AV	Vertical	PASS
4	2487.8088	41.15	1.86	43.01	54.00	10.99	150	322	AV	Vertical	PASS

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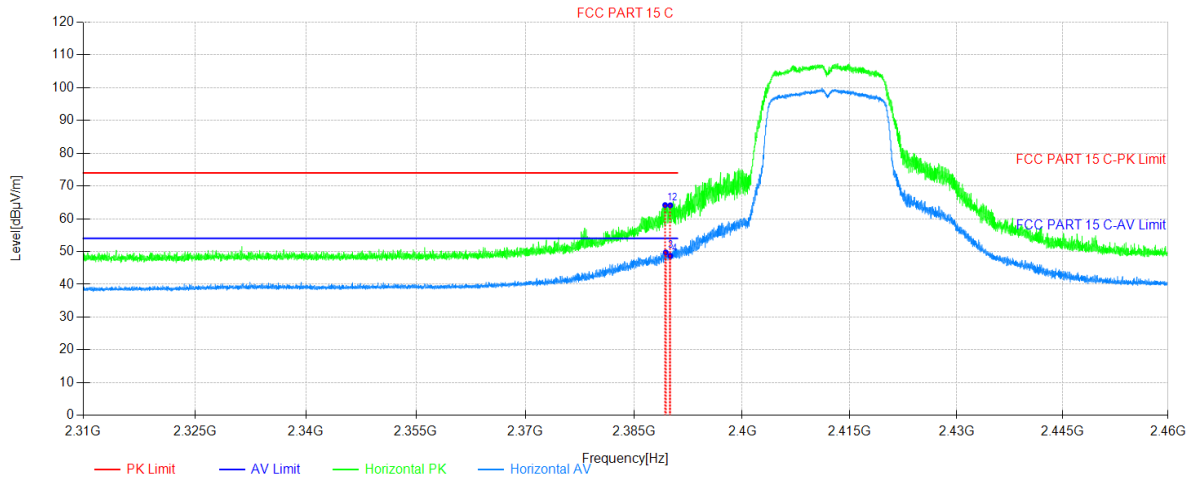
E-mail: info@uttlab.com

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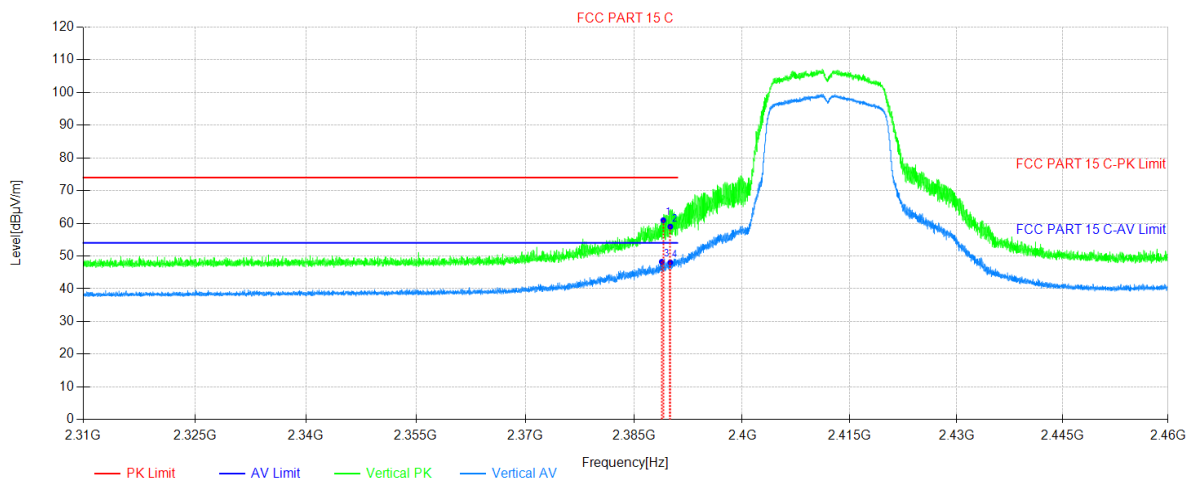
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Data List

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1	2389.2829	62.80	1.37	64.17	74.00	9.83	150	267	PK	Horizontal	PASS
2	2390.003	62.74	1.37	64.11	74.00	9.89	150	259	PK	Horizontal	PASS
3	2389.3729	48.38	1.37	49.75	54.00	4.25	150	267	AV	Horizontal	PASS
4	2390.003	47.33	1.37	48.70	54.00	5.30	150	267	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	2389.0279	59.59	1.37	60.96	74.00	13.04	150	312	PK	Vertical	PASS
2	2390.003	57.64	1.37	59.01	74.00	14.99	150	342	PK	Vertical	PASS
3	2388.8179	46.89	1.37	48.26	54.00	5.74	150	328	AV	Vertical	PASS
4	2390.003	46.68	1.37	48.05	54.00	5.95	150	312	AV	Vertical	PASS

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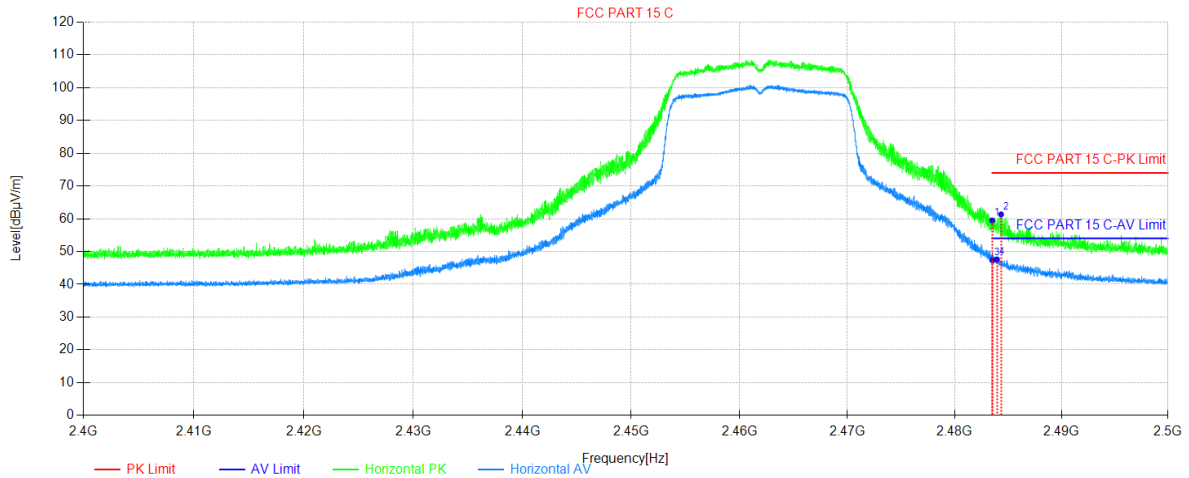
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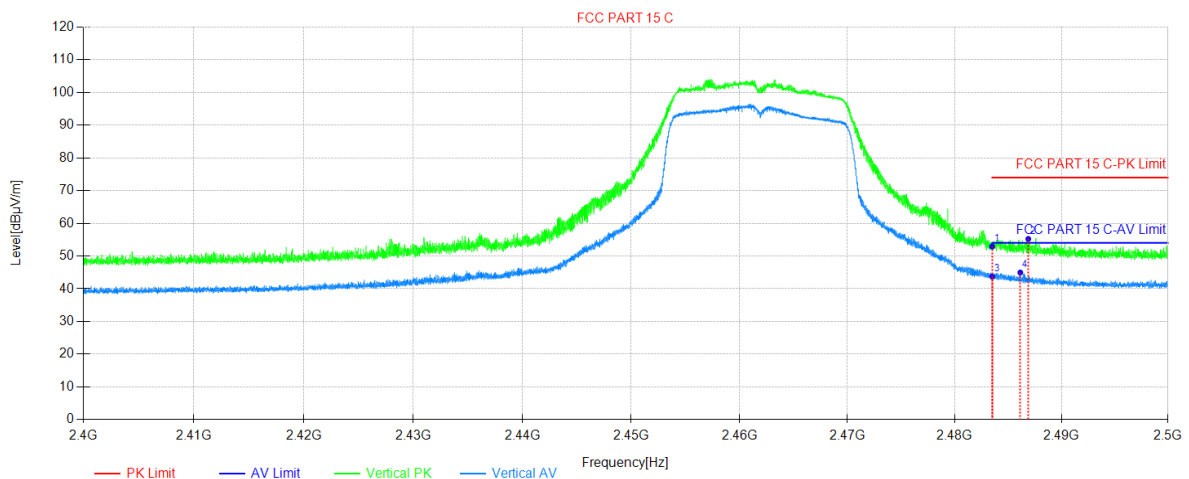
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Data List

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1	2483.5084	57.62	1.86	59.48	74.00	14.52	150	91	PK	Horizontal	PASS
2	2484.3384	59.48	1.86	61.34	74.00	12.66	150	91	PK	Horizontal	PASS
3	2483.5084	45.52	1.86	47.38	54.00	6.62	150	84	AV	Horizontal	PASS
4	2483.9584	45.75	1.86	47.61	54.00	6.39	150	84	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	2483.5084	51.07	1.86	52.93	74.00	21.07	150	321	PK	Vertical	PASS
2	2486.8887	53.38	1.86	55.24	74.00	18.76	150	236	PK	Vertical	PASS
3	2483.5084	41.88	1.86	43.74	54.00	10.26	150	245	AV	Vertical	PASS
4	2486.1386	43.12	1.86	44.98	54.00	9.02	150	236	AV	Vertical	PASS

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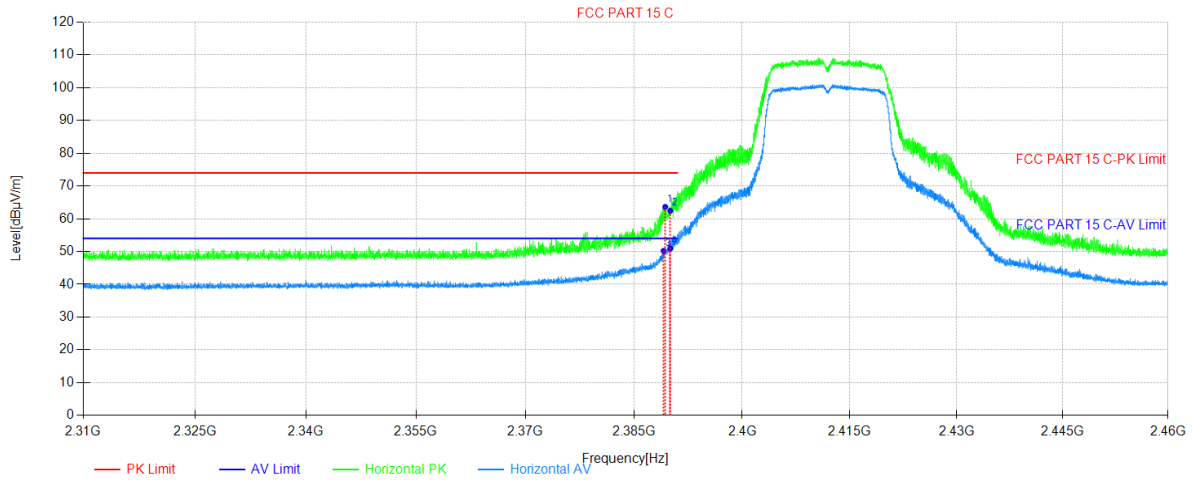
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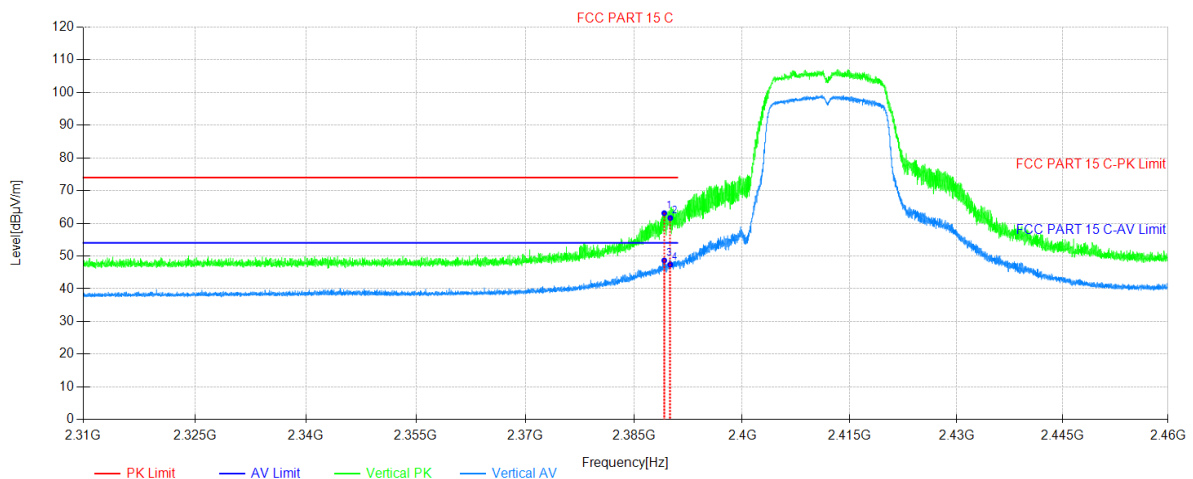
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Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2389.2979	62.27	1.37	63.64	74.00	10.36	150	74	PK	Horizontal	PASS
2	2390.003	61.07	1.37	62.44	74.00	11.56	150	83	PK	Horizontal	PASS
3	2389.0579	48.85	1.37	50.22	54.00	3.78	150	83	AV	Horizontal	PASS
4	2390.003	49.53	1.37	50.90	54.00	3.10	150	83	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	2389.1629	61.74	1.37	63.11	74.00	10.89	150	175	PK	Vertical	PASS
2	2390.003	60.26	1.37	61.63	74.00	12.37	150	289	PK	Vertical	PASS
3	2389.1629	47.28	1.37	48.65	54.00	5.35	150	88	AV	Vertical	PASS
4	2390.003	46.02	1.37	47.39	54.00	6.61	150	183	AV	Vertical	PASS

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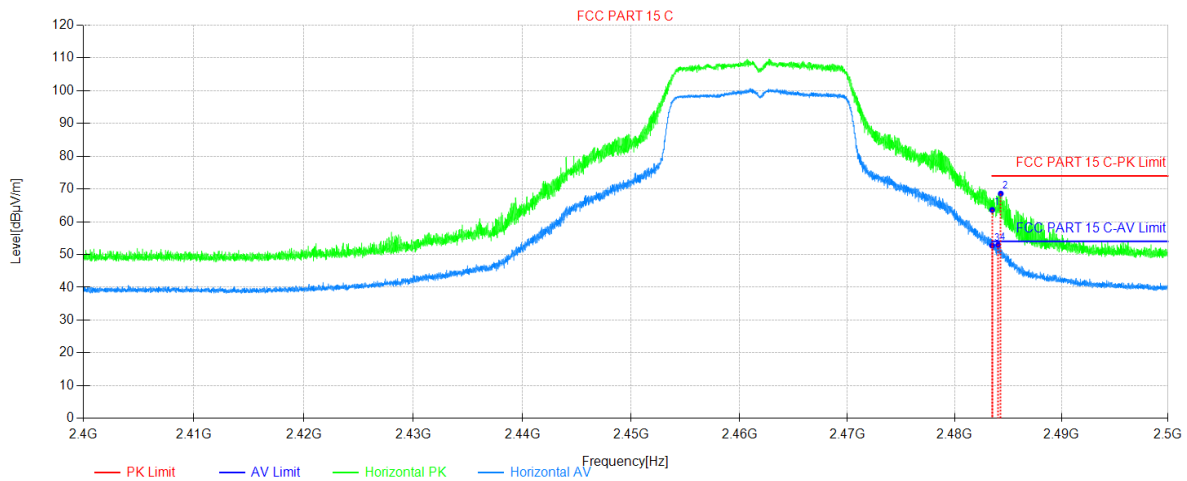
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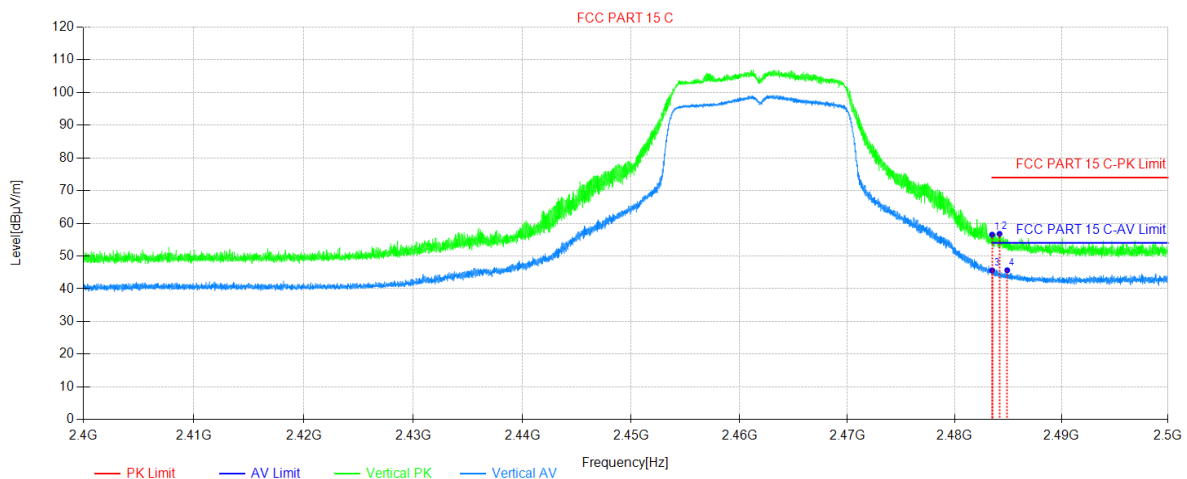
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Test Graph



Data List											
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1	2483.5084	61.76	1.86	63.62	74.00	10.38	150	72	PK	Horizontal	PASS
2	2484.3184	66.73	1.86	68.59	74.00	5.41	150	79	PK	Horizontal	PASS
3	2483.5084	50.87	1.86	52.73	54.00	1.27	150	79	AV	Horizontal	PASS
4	2484.0684	51.11	1.86	52.97	54.00	1.03	150	79	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	2483.5084	54.70	1.86	56.56	74.00	17.44	150	93	PK	Vertical	PASS
2	2484.1984	54.93	1.86	56.79	74.00	17.21	150	101	PK	Vertical	PASS
3	2483.5084	43.80	1.86	45.66	54.00	8.34	150	101	AV	Vertical	PASS
4	2484.9185	43.82	1.86	45.68	54.00	8.32	150	93	AV	Vertical	PASS

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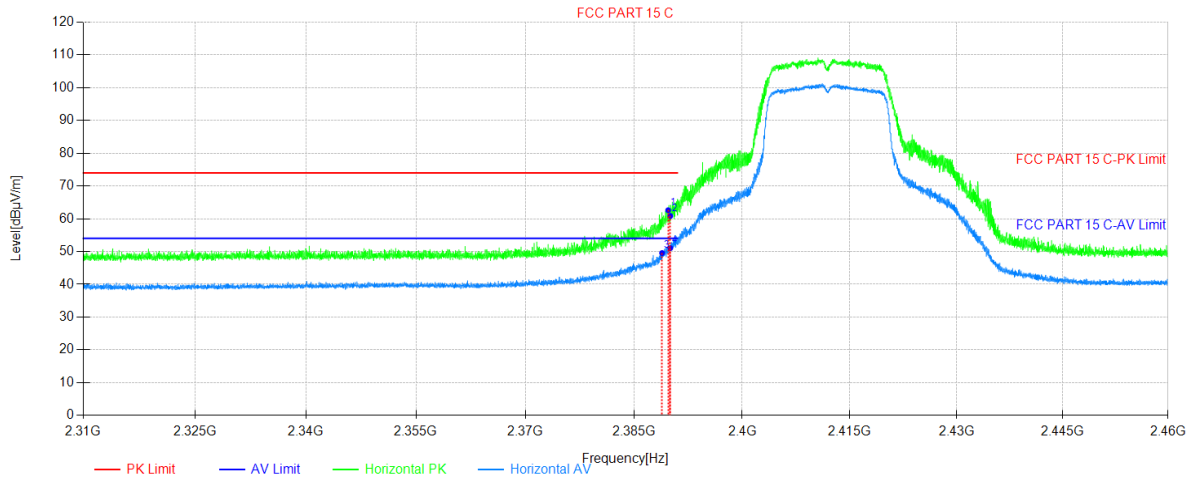
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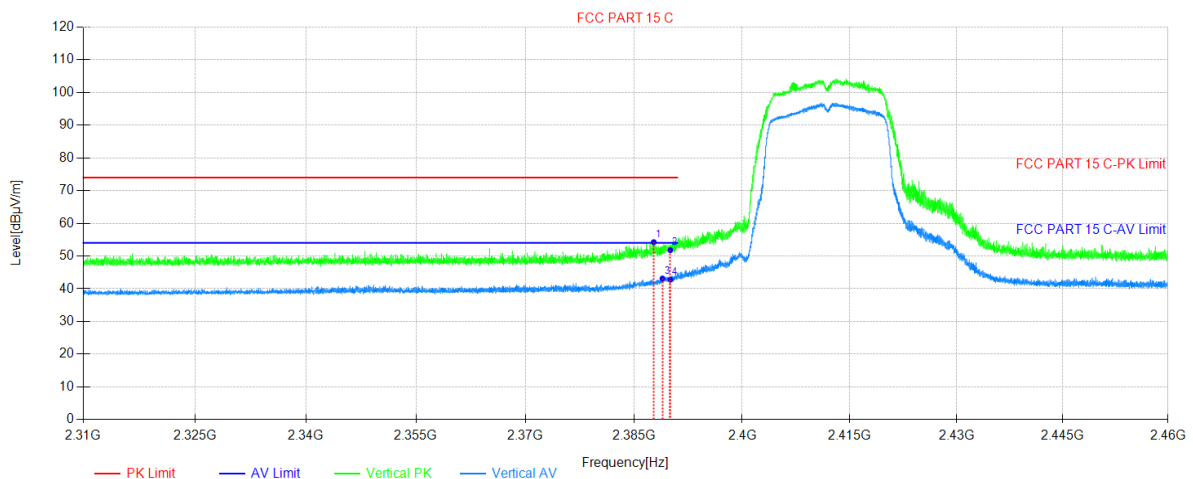
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Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2389.703	61.24	1.37	62.61	74.00	11.39	150	265	PK	Horizontal	PASS
2	2390.003	59.50	1.37	60.87	74.00	13.13	150	249	PK	Horizontal	PASS
3	2388.8629	48.18	1.37	49.55	54.00	4.45	150	265	AV	Horizontal	PASS
4	2390.003	49.69	1.37	51.06	54.00	2.94	150	265	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	2387.7078	52.88	1.37	54.25	74.00	19.75	150	341	PK	Vertical	PASS
2	2390.003	50.45	1.37	51.82	74.00	22.18	150	283	PK	Vertical	PASS
3	2388.9079	41.79	1.37	43.16	54.00	10.84	150	283	AV	Vertical	PASS
4	2390.003	41.40	1.37	42.77	54.00	11.23	150	283	AV	Vertical	PASS

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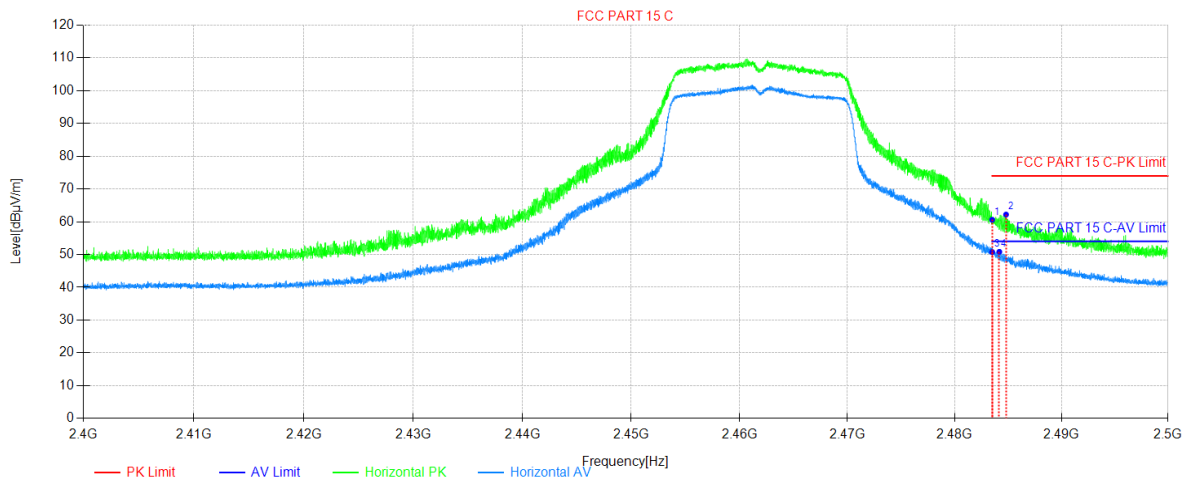
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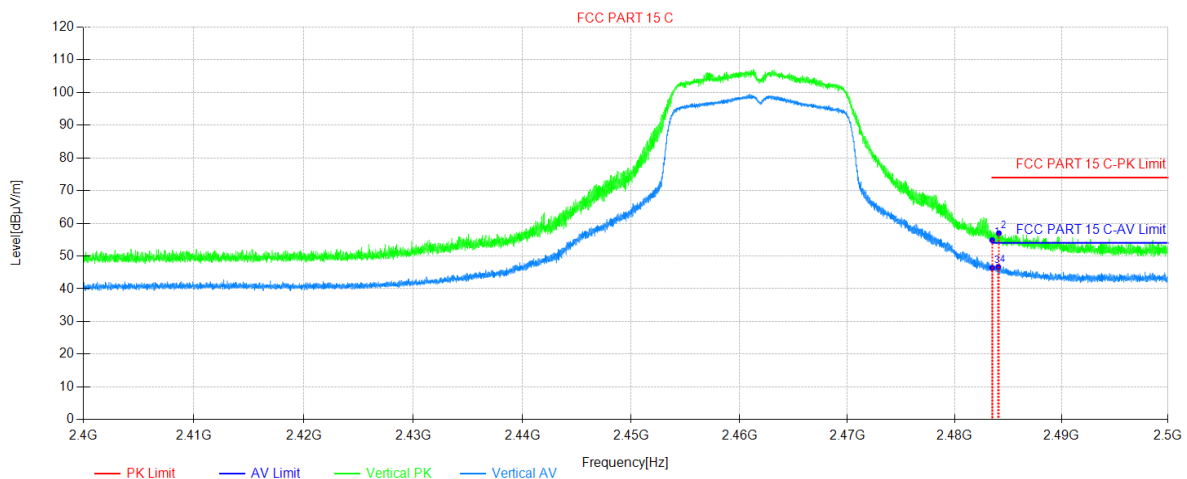
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Data List

NO.	Freq. [MHz]	Reading [dBμV]	Correct Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	2483.5084	58.74	1.86	60.60	74.00	13.40	150	284	PK	Horizontal	PASS
2	2484.8085	60.34	1.86	62.20	74.00	11.80	150	252	PK	Horizontal	PASS
3	2483.5084	48.91	1.86	50.77	54.00	3.23	150	276	AV	Horizontal	PASS
4	2484.1784	48.98	1.86	50.84	54.00	3.16	150	276	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	2483.5084	53.03	1.86	54.89	74.00	19.11	150	287	PK	Vertical	PASS
2	2484.1384	55.10	1.86	56.96	74.00	17.04	150	287	PK	Vertical	PASS
3	2483.5084	44.55	1.86	46.41	54.00	7.59	150	279	AV	Vertical	PASS
4	2484.0784	44.84	1.86	46.70	54.00	7.30	150	279	AV	Vertical	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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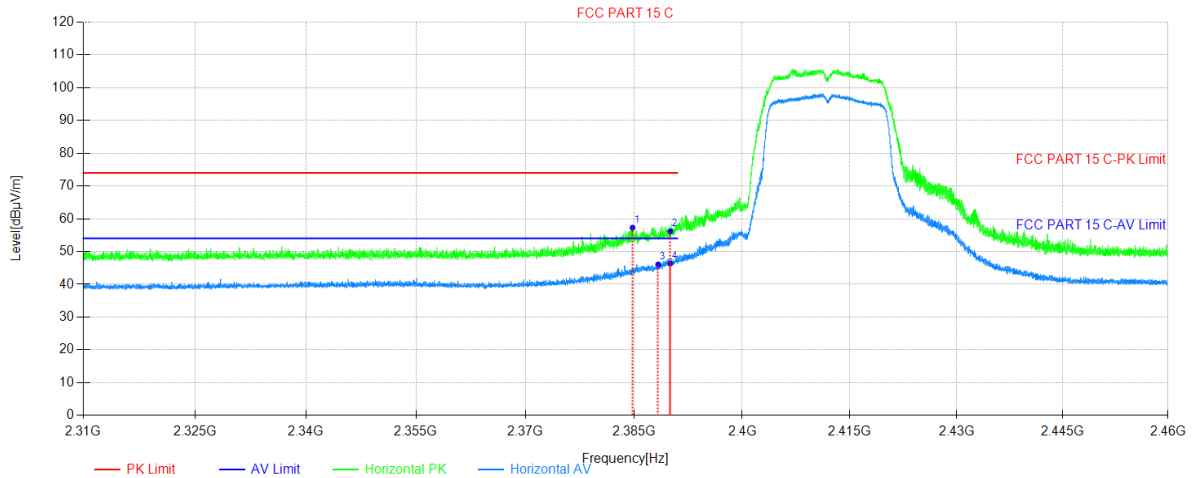
E-mail: info@uttlab.com

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UTTR-RF-FCCPART15.247-V1.2

SISO_Antenna 3_IEEE 802.11g_Channel 1:

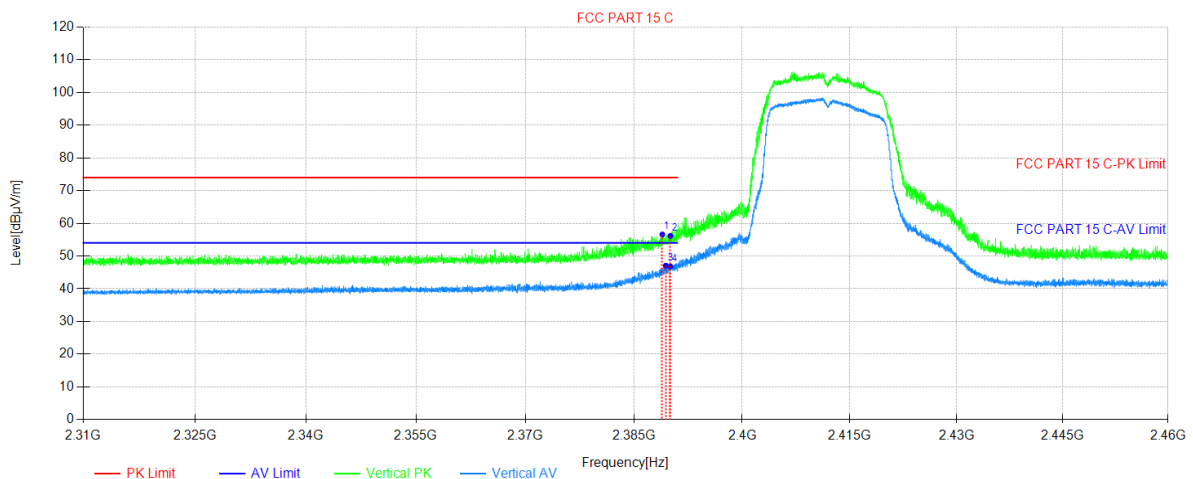
Test Graph



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	2384.7825	55.92	1.37	57.29	74.00	16.71	150	278	PK	Horizontal	PASS
2	2390.003	54.82	1.37	56.19	74.00	17.81	150	294	PK	Horizontal	PASS
3	2388.3228	44.70	1.37	46.07	54.00	7.93	150	285	AV	Horizontal	PASS
4	2390.003	45.00	1.37	46.37	54.00	7.63	150	285	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	2388.8929	55.23	1.37	56.60	74.00	17.40	150	219	PK	Vertical	PASS
2	2390.003	54.78	1.37	56.15	74.00	17.85	150	210	PK	Vertical	PASS
3	2389.3729	45.69	1.37	47.06	54.00	6.94	150	210	AV	Vertical	PASS
4	2390.003	45.49	1.37	46.86	54.00	7.14	150	210	AV	Vertical	PASS

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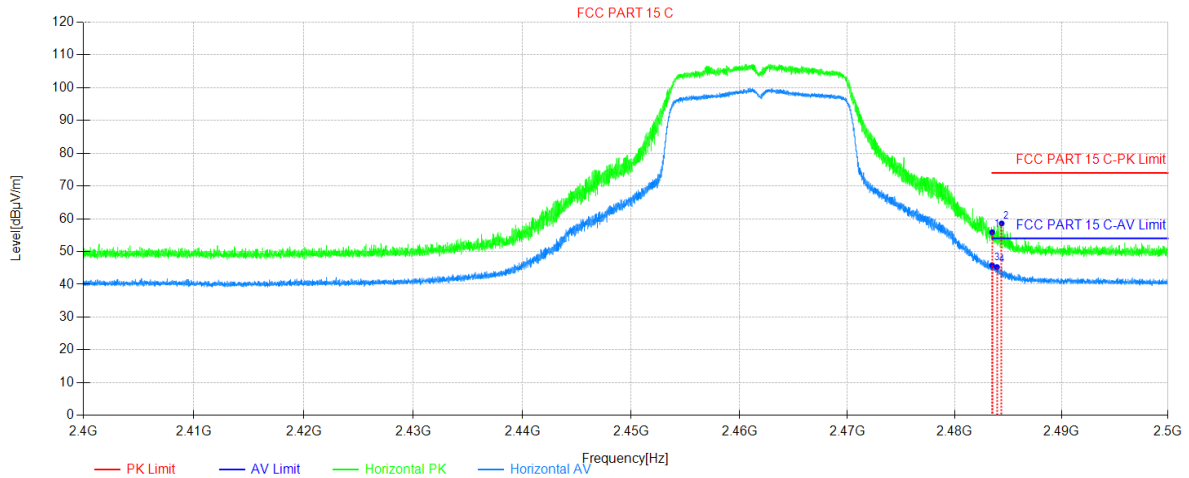
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SISO_Antenna 3_ IEEE 802.11g_Channel 11:

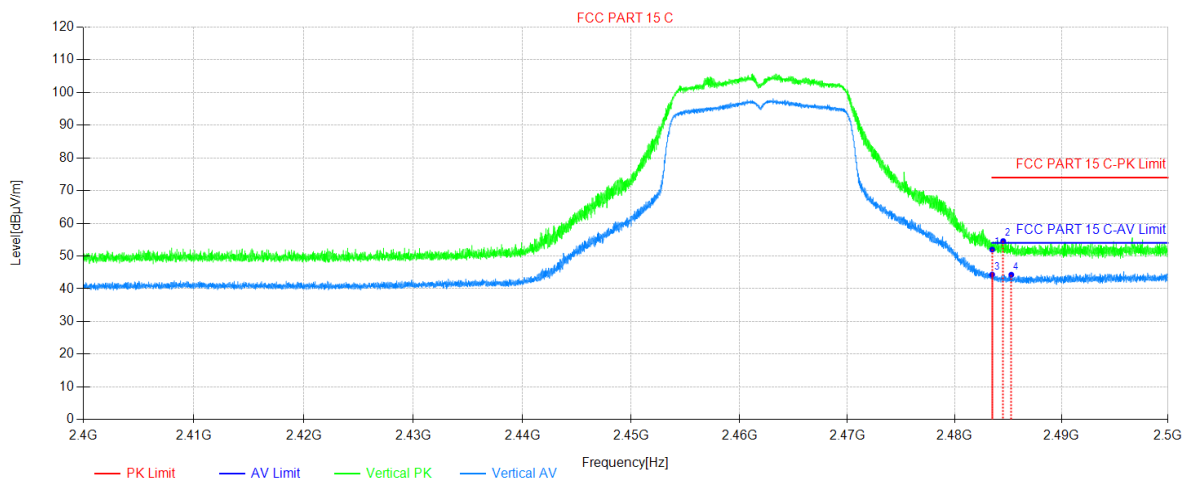
Test Graph



Data List

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1	2483.5084	54.03	1.86	55.89	74.00	18.11	150	285	PK	Horizontal	PASS
2	2484.3984	56.72	1.86	58.58	74.00	15.42	150	285	PK	Horizontal	PASS
3	2483.5084	43.95	1.86	45.81	54.00	8.19	150	285	AV	Horizontal	PASS
4	2483.9584	43.40	1.86	45.26	54.00	8.74	150	294	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	2483.5084	50.13	1.86	51.99	74.00	22.01	150	71	PK	Vertical	PASS
2	2484.5385	52.71	1.86	54.57	74.00	19.43	150	79	PK	Vertical	PASS
3	2483.5084	42.48	1.86	44.34	54.00	9.66	150	79	AV	Vertical	PASS
4	2485.2985	42.43	1.86	44.29	54.00	9.71	150	237	AV	Vertical	PASS

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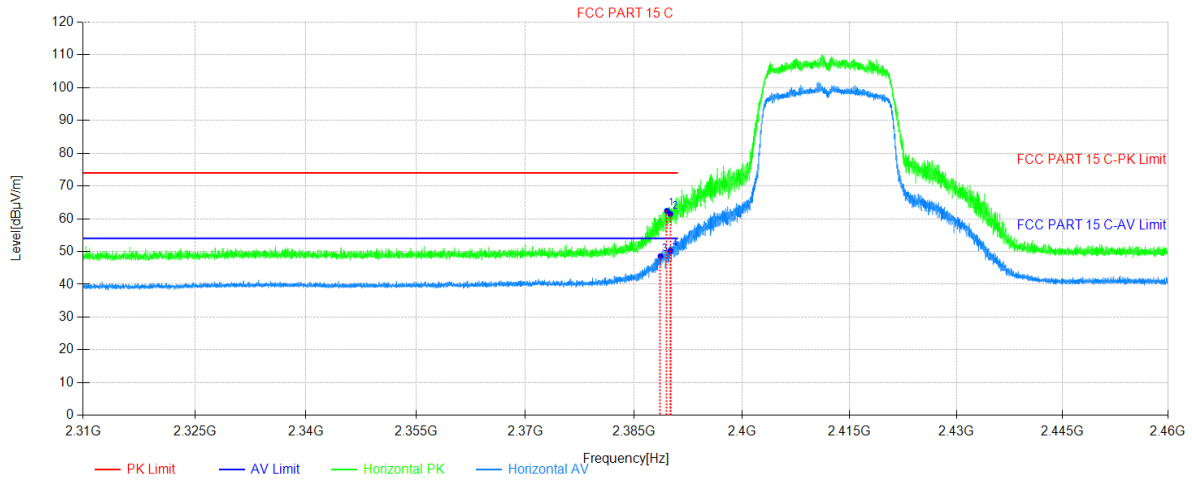
E-mail: info@uttlab.com

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UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT20_Channel 1:

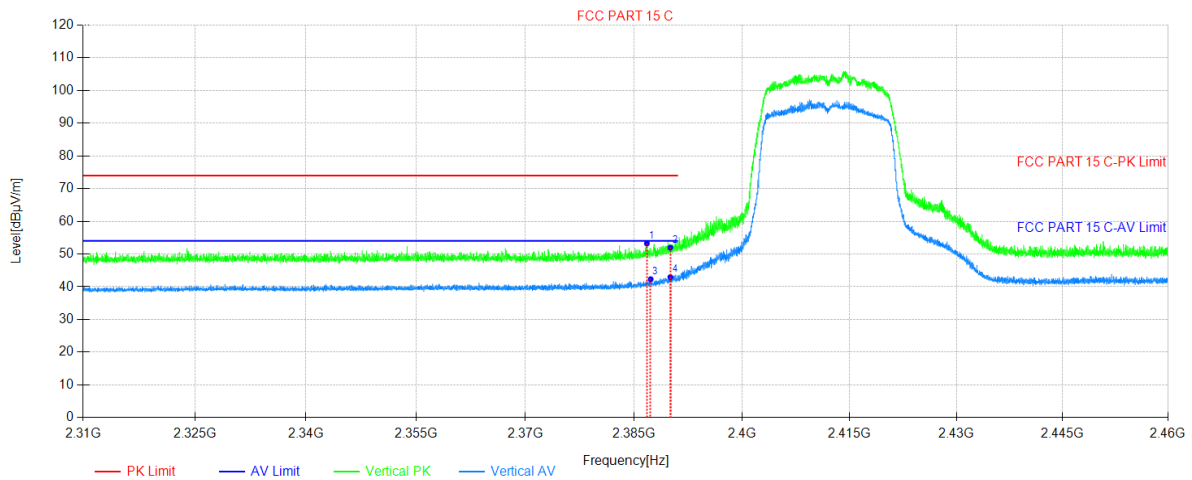
Test Graph



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	2389.523	61.07	1.37	62.44	74.00	11.56	150	268	PK	Horizontal	PASS
2	2390.003	60.12	1.37	61.49	74.00	12.51	150	259	PK	Horizontal	PASS
3	2388.6379	47.23	1.37	48.60	54.00	5.40	150	268	AV	Horizontal	PASS
4	2390.003	48.89	1.37	50.26	54.00	3.74	150	268	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	2386.7627	51.87	1.37	53.24	74.00	20.76	150	217	PK	Vertical	PASS
2	2390.003	50.61	1.37	51.98	74.00	22.02	150	217	PK	Vertical	PASS
3	2387.2877	40.96	1.37	42.33	54.00	11.67	150	233	AV	Vertical	PASS
4	2390.003	41.60	1.37	42.97	54.00	11.03	150	209	AV	Vertical	PASS

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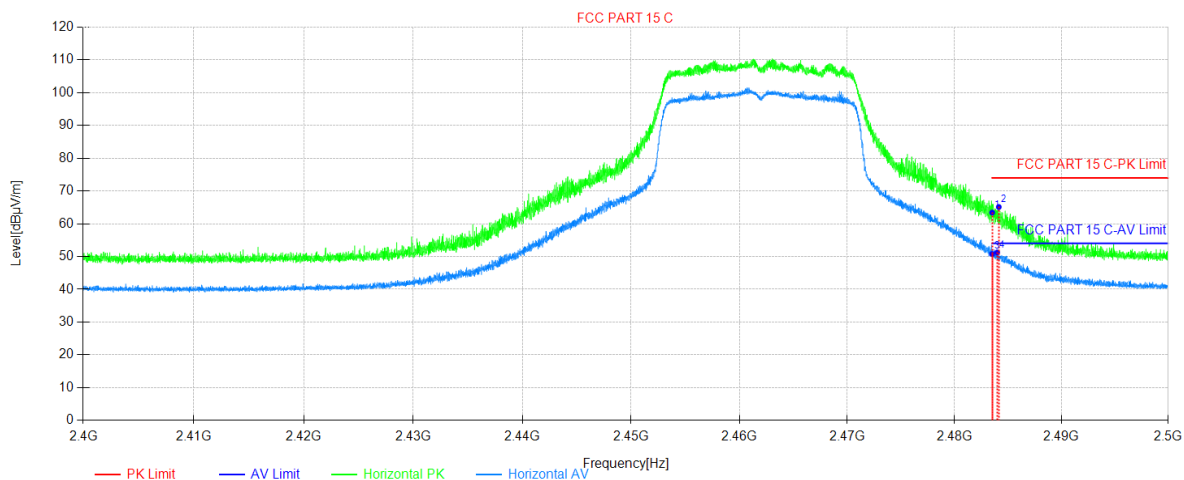
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MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT20_Channel 11:

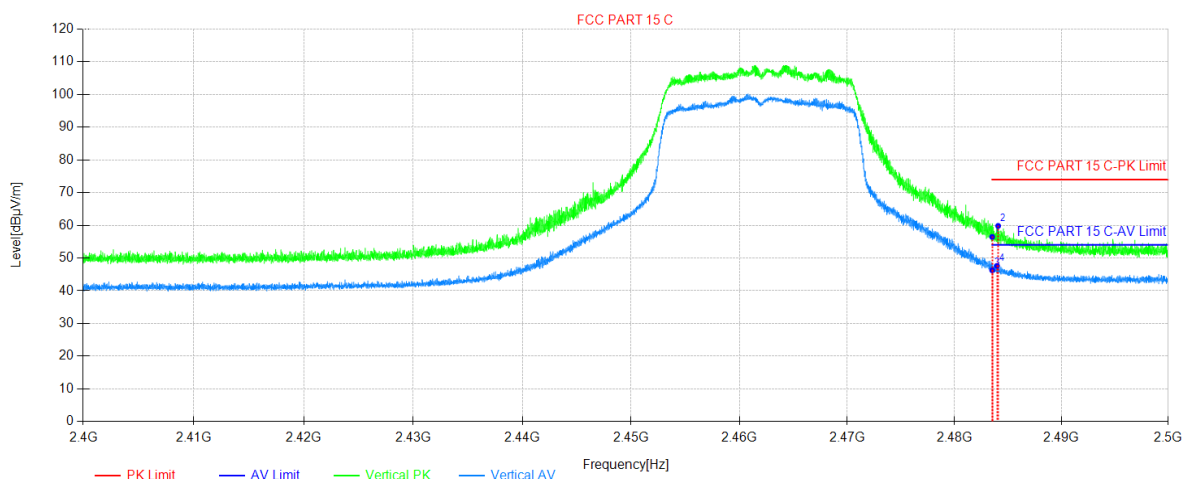
Test Graph



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	2483.5084	61.56	1.86	63.42	74.00	10.58	150	264	PK	Horizontal	PASS
2	2484.1284	63.26	1.86	65.12	74.00	8.88	150	264	PK	Horizontal	PASS
3	2483.5084	48.92	1.86	50.78	54.00	3.22	150	264	AV	Horizontal	PASS
4	2483.9784	49.41	1.86	51.27	54.00	2.73	150	271	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	2483.5084	54.61	1.86	56.47	74.00	17.53	150	279	PK	Vertical	PASS
2	2484.0684	57.97	1.86	59.83	74.00	14.17	150	76	PK	Vertical	PASS
3	2483.5084	44.42	1.86	46.28	54.00	7.72	150	85	AV	Vertical	PASS
4	2483.9684	45.74	1.86	47.60	54.00	6.40	150	76	AV	Vertical	PASS

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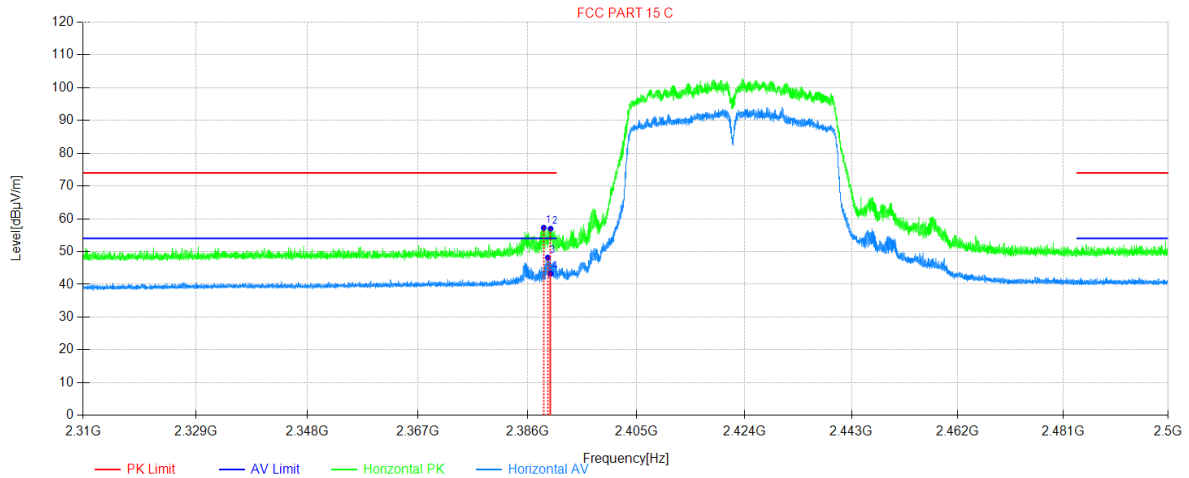
E-mail: info@uttlab.com

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UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11n-HT40_Channel 3:

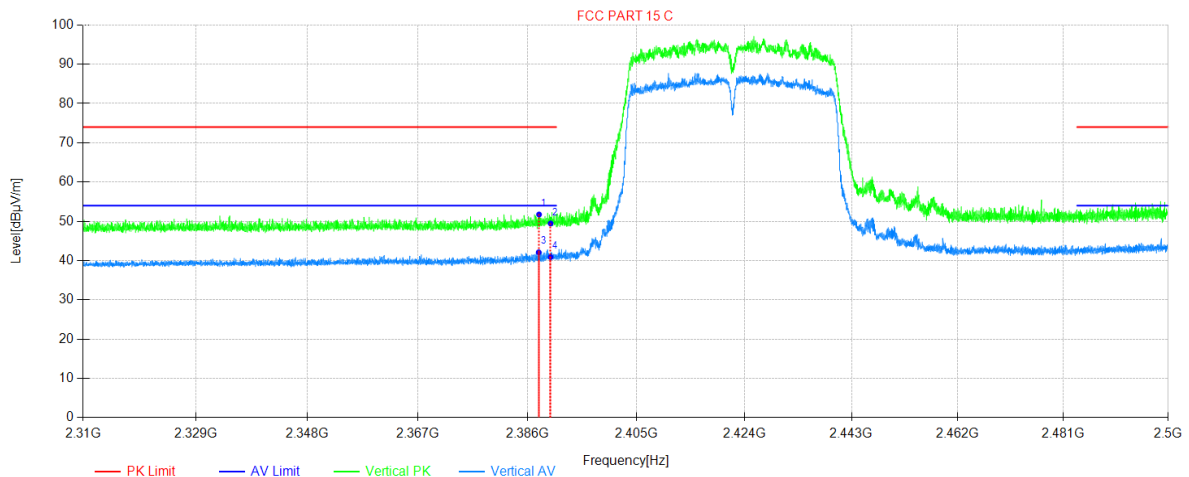
Test Graph



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	2388.8199	55.89	1.37	57.26	74.00	16.74	150	267	PK	Horizontal	PASS
2	2390.017	55.60	1.37	56.97	74.00	17.03	150	267	PK	Horizontal	PASS
3	2389.542	46.80	1.37	48.17	54.00	5.83	150	267	AV	Horizontal	PASS
4	2390.017	41.86	1.37	43.23	54.00	10.77	150	276	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	2388.0028	50.38	1.37	51.75	74.00	22.25	150	228	PK	Vertical	PASS
2	2390.017	48.10	1.37	49.47	74.00	24.53	150	213	PK	Vertical	PASS
3	2387.9458	40.74	1.37	42.11	54.00	11.89	150	228	AV	Vertical	PASS
4	2390.017	39.53	1.37	40.90	54.00	13.10	150	236	AV	Vertical	PASS

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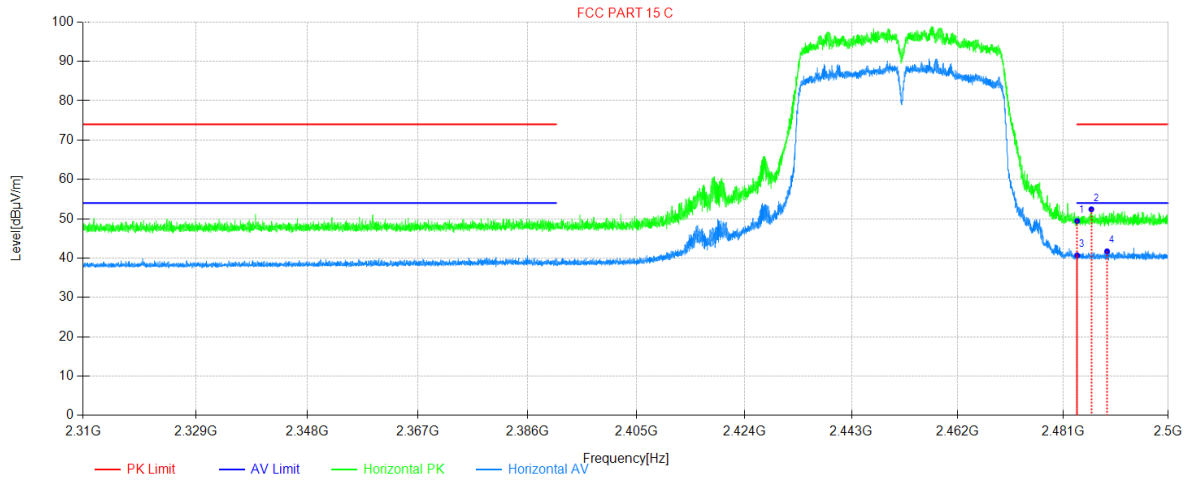
E-mail: info@uttlab.com

<http://www.uttlab.com>

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MIMO_Antenna 0+1+2+3_IEEE 802.11n-HT40_Channel 9:

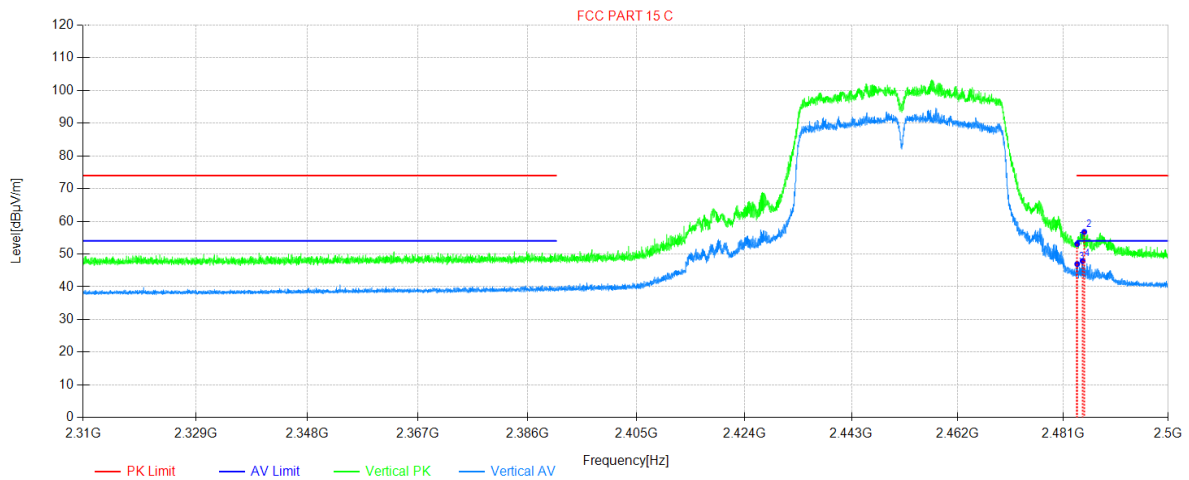
Test Graph



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	47.58	1.86	49.44	74.00	24.56	150	257	PK	Horizontal	PASS
2	2486.0716	50.56	1.86	52.42	74.00	21.58	150	54	PK	Horizontal	PASS
3	2483.5064	38.84	1.86	40.70	54.00	13.30	150	47	AV	Horizontal	PASS
4	2488.9219	39.86	1.87	41.73	54.00	12.27	150	54	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	51.23	1.86	53.09	74.00	20.91	150	3	PK	Vertical	PASS
2	2484.7985	54.92	1.86	56.78	74.00	17.22	150	86	PK	Vertical	PASS
3	2483.5064	45.09	1.86	46.95	54.00	7.05	150	86	AV	Vertical	PASS
4	2484.4944	46.01	1.86	47.87	54.00	6.13	150	86	AV	Vertical	PASS

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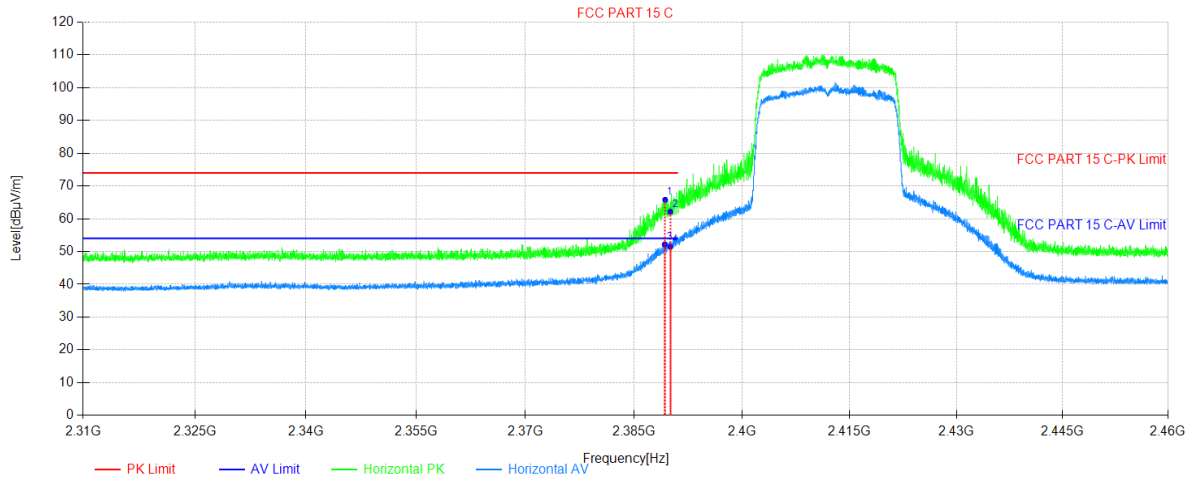
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UTTR-RF-FCCPART15.247-V1.2

MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HE20_Channel 1:

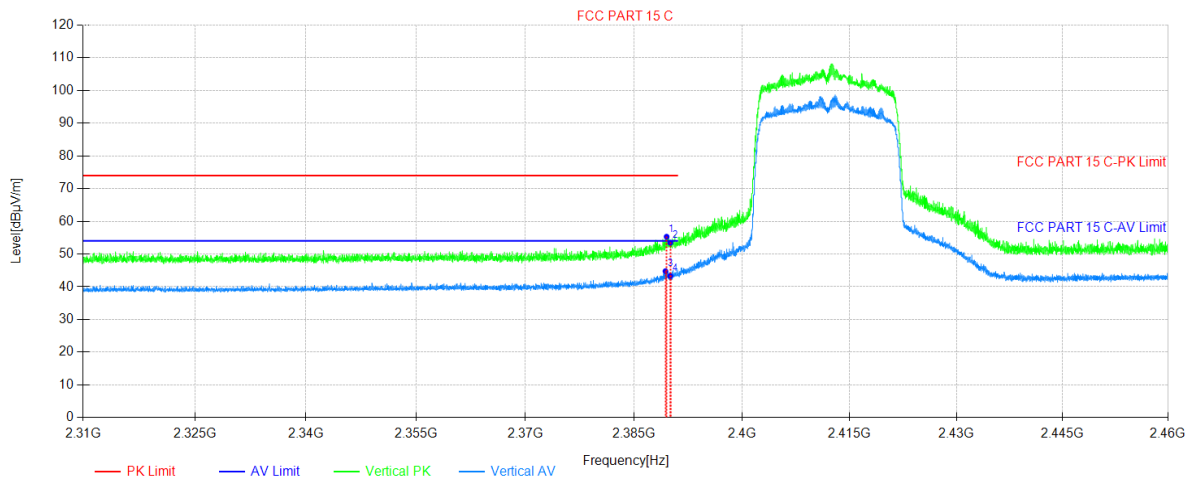
Test Graph



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	2389.2829	64.44	1.37	65.81	74.00	8.19	150	278	PK	Horizontal	PASS
2	2390.003	60.77	1.37	62.14	74.00	11.86	150	260	PK	Horizontal	PASS
3	2389.2229	50.79	1.37	52.16	54.00	1.84	150	278	AV	Horizontal	PASS
4	2390.003	50.03	1.37	51.40	54.00	2.60	150	270	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	2389.4929	53.93	1.37	55.30	74.00	18.70	150	201	PK	Vertical	PASS
2	2390.003	52.09	1.37	53.46	74.00	20.54	150	210	PK	Vertical	PASS
3	2389.3279	43.40	1.37	44.77	54.00	9.23	150	210	AV	Vertical	PASS
4	2390.003	41.93	1.37	43.30	54.00	10.70	150	218	AV	Vertical	PASS

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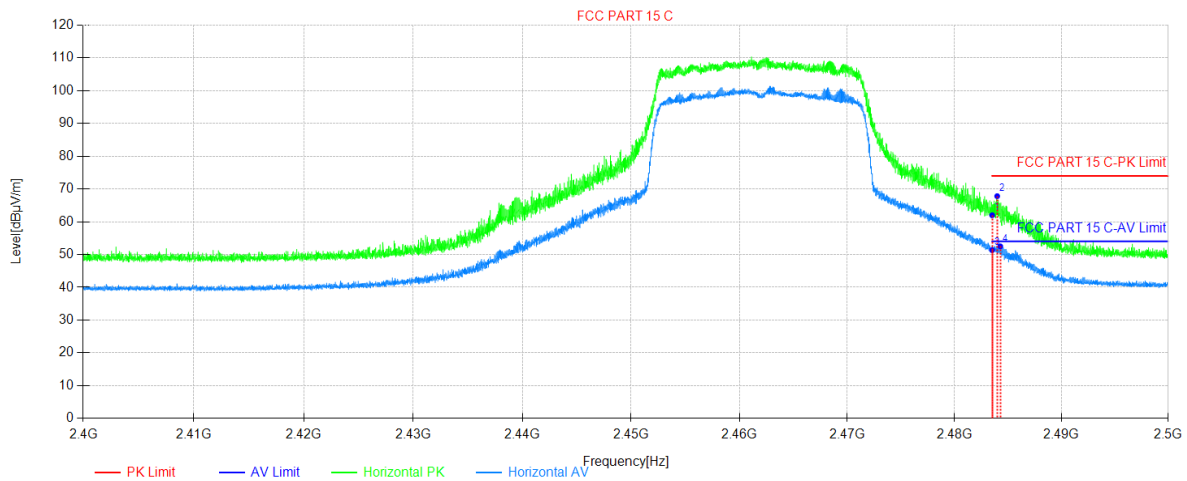
E-mail: info@uttlab.com

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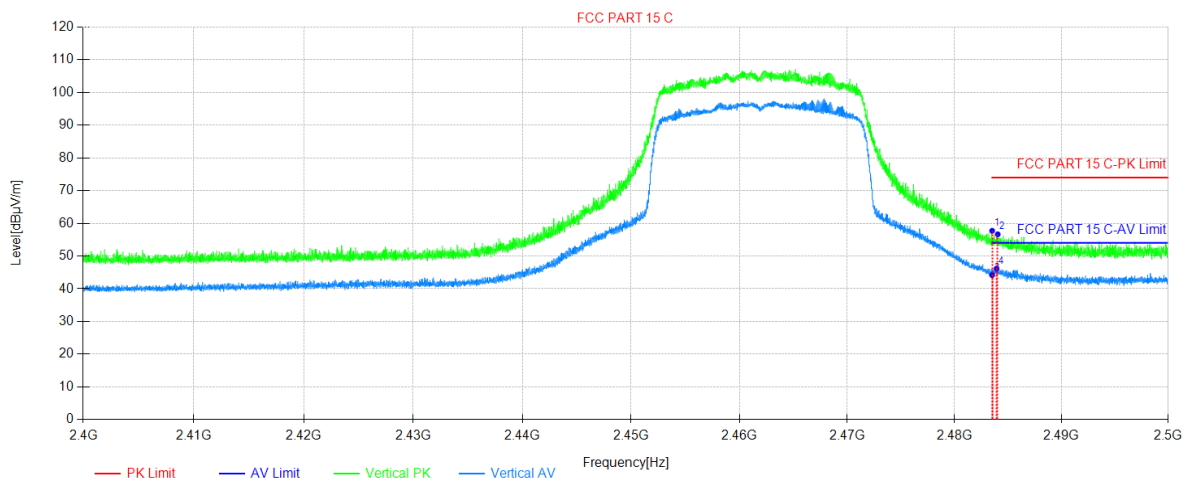
MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HE20_Channel 11:

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	2483.5084	60.14	1.86	62.00	74.00	12.00	150	272	PK	Horizontal	PASS
2	2483.9784	65.96	1.86	67.82	74.00	6.18	150	87	PK	Horizontal	PASS
3	2483.5084	49.48	1.86	51.34	54.00	2.66	150	272	AV	Horizontal	PASS
4	2484.2684	50.64	1.86	52.50	54.00	1.50	150	265	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	2483.5084	55.86	1.86	57.72	74.00	16.28	150	72	PK	Vertical	PASS
2	2484.0284	54.79	1.86	56.65	74.00	17.35	150	281	PK	Vertical	PASS
3	2483.5084	42.32	1.86	44.18	54.00	9.82	150	290	AV	Vertical	PASS
4	2483.9184	44.31	1.86	46.17	54.00	7.83	150	265	AV	Vertical	PASS

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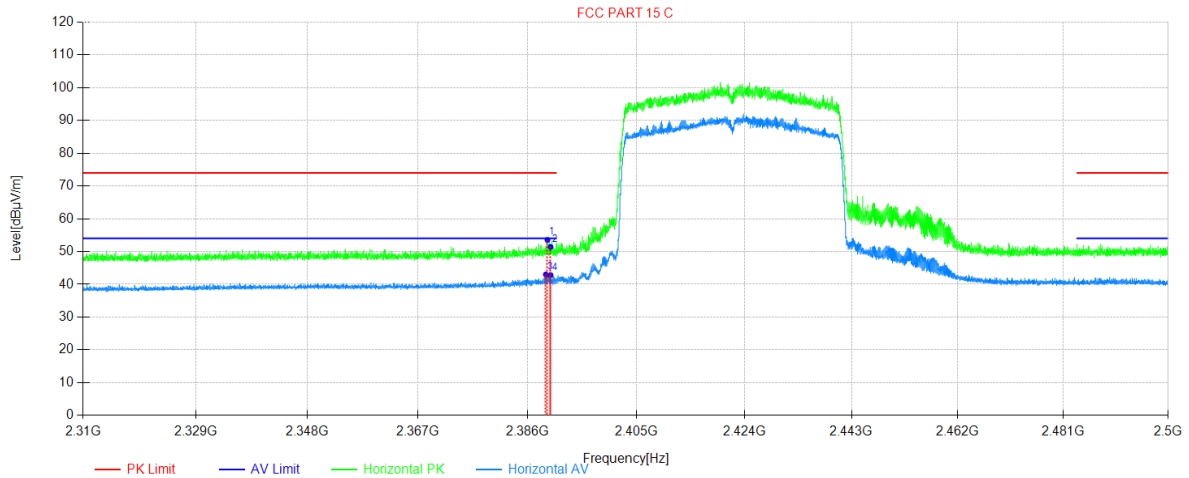
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MIMO_Antenna 0+1+2+3_IEEE 802.11ax-HE40_Channel 3:

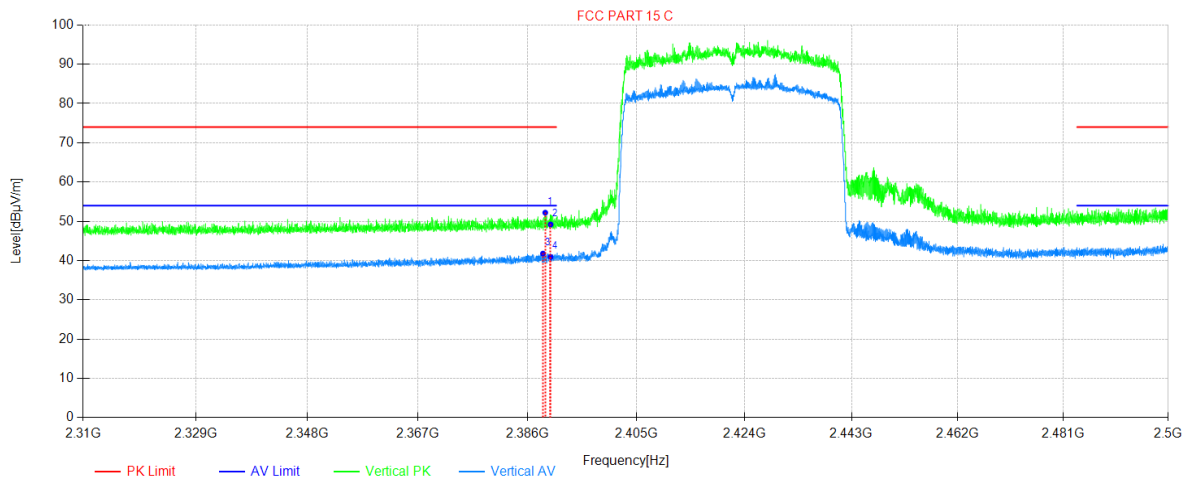
Test Graph



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	2389.4659	52.19	1.37	53.56	74.00	20.44	150	275	PK	Horizontal	PASS
2	2390.017	50.06	1.37	51.43	74.00	22.57	150	113	PK	Horizontal	PASS
3	2389.1809	41.65	1.37	43.02	54.00	10.98	150	275	AV	Horizontal	PASS
4	2390.017	41.45	1.37	42.82	54.00	11.18	150	275	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	2389.0859	50.84	1.37	52.21	74.00	21.79	150	279	PK	Vertical	PASS
2	2390.017	47.83	1.37	49.20	74.00	24.80	150	279	PK	Vertical	PASS
3	2388.6869	40.41	1.37	41.78	54.00	12.22	150	279	AV	Vertical	PASS
4	2390.017	39.55	1.37	40.92	54.00	13.08	150	279	AV	Vertical	PASS

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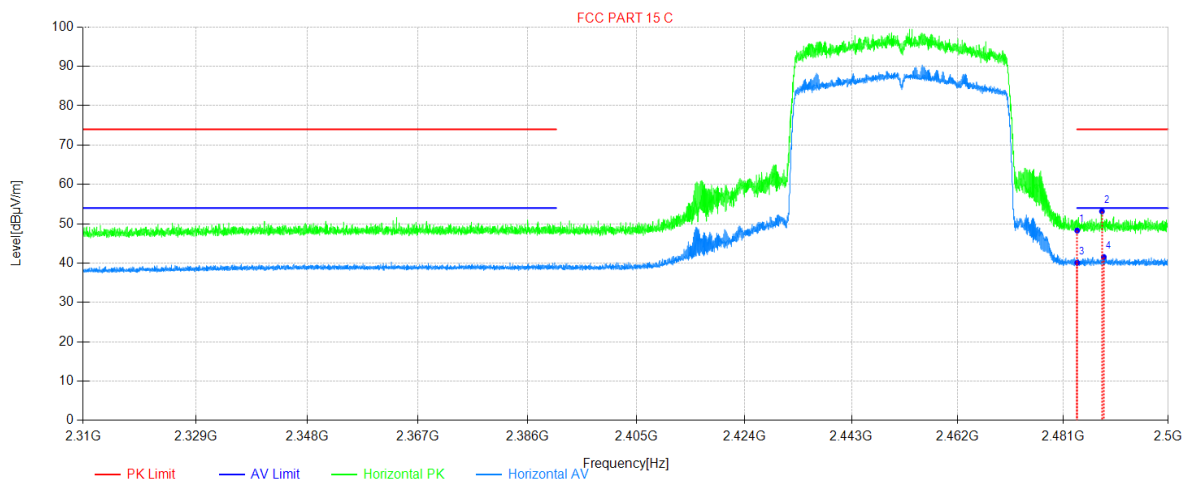
E-mail: info@uttlab.com

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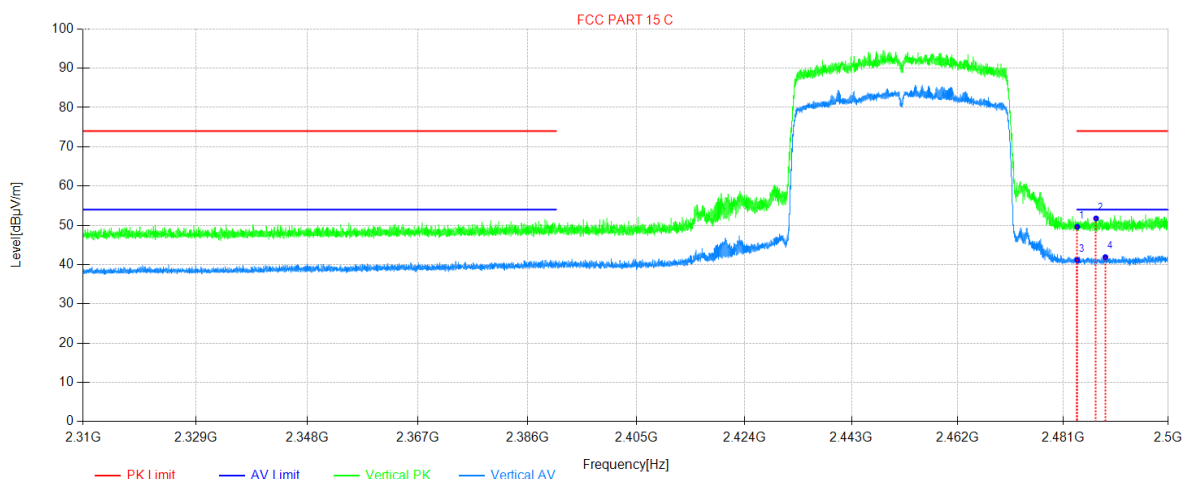
MIMO_Antenna 0+1+2+3_ IEEE 802.11ax-HE40_Channel 9:

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	46.42	1.86	48.28	74.00	25.72	150	340	PK	Horizontal	PASS
2	2487.9908	51.30	1.86	53.16	74.00	20.84	150	324	PK	Horizontal	PASS
3	2483.5064	38.22	1.86	40.08	54.00	13.92	150	317	AV	Horizontal	PASS
4	2488.3328	39.70	1.86	41.56	54.00	12.44	150	317	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	2483.5254	47.76	1.86	49.62	74.00	24.38	150	273	PK	Vertical	PASS
2	2486.9267	49.90	1.86	51.76	74.00	22.24	150	265	PK	Vertical	PASS
3	2483.5254	39.29	1.86	41.15	54.00	12.85	150	281	AV	Vertical	PASS
4	2488.6179	40.04	1.87	41.91	54.00	12.09	150	265	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. The disturbance above 18GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
5. The testing of Radiated Emissions and Band Edge Measurement 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 ***

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.
