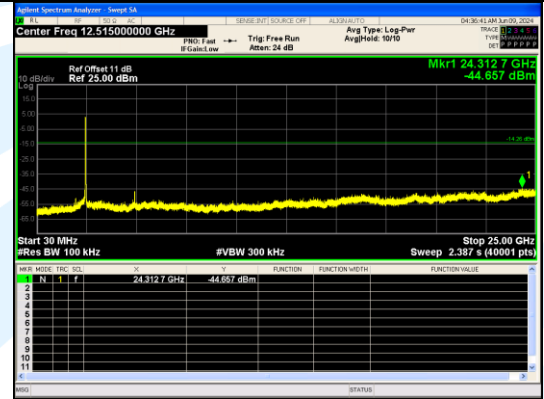
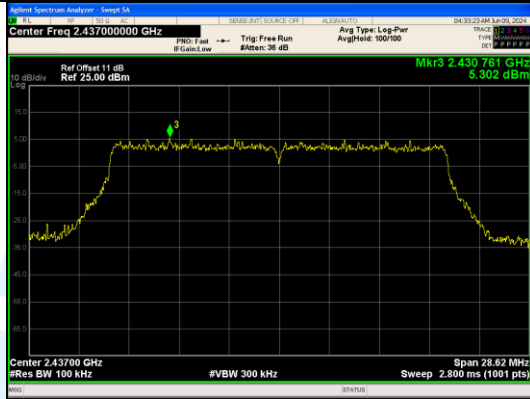


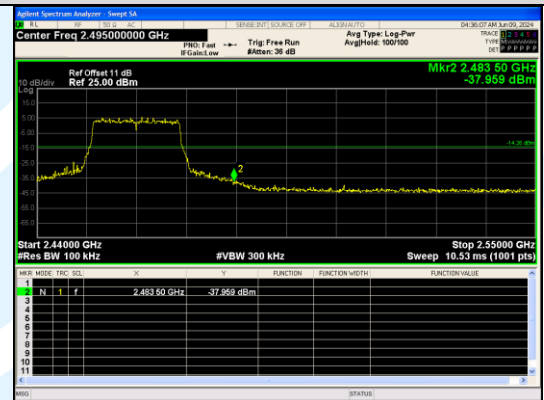
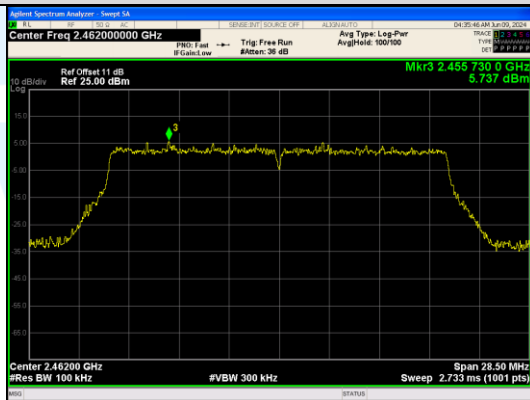
Out Of Band Emission
IEEE 802.11ax Channel 1 20MHz Antenna 0_RU&Index SU

30.0 MHz - 25000.0 MHz
IEEE 802.11ax Channel 6 20MHz Antenna 0_RU&Index SU



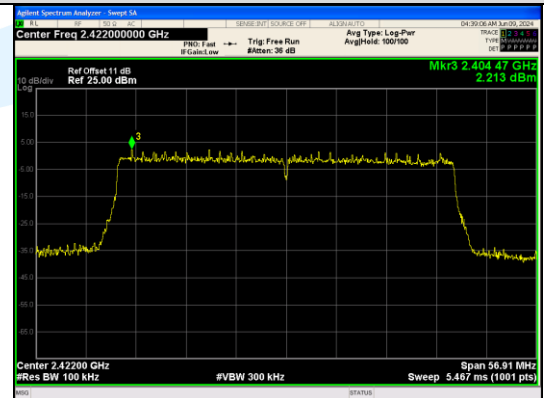
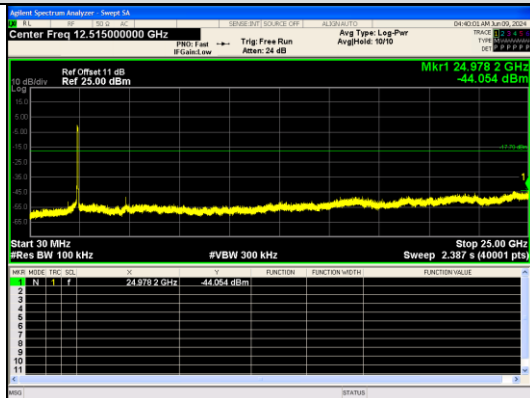
In-Band Reference Level
IEEE 802.11ax Channel 6 20MHz Antenna 0_RU&Index SU

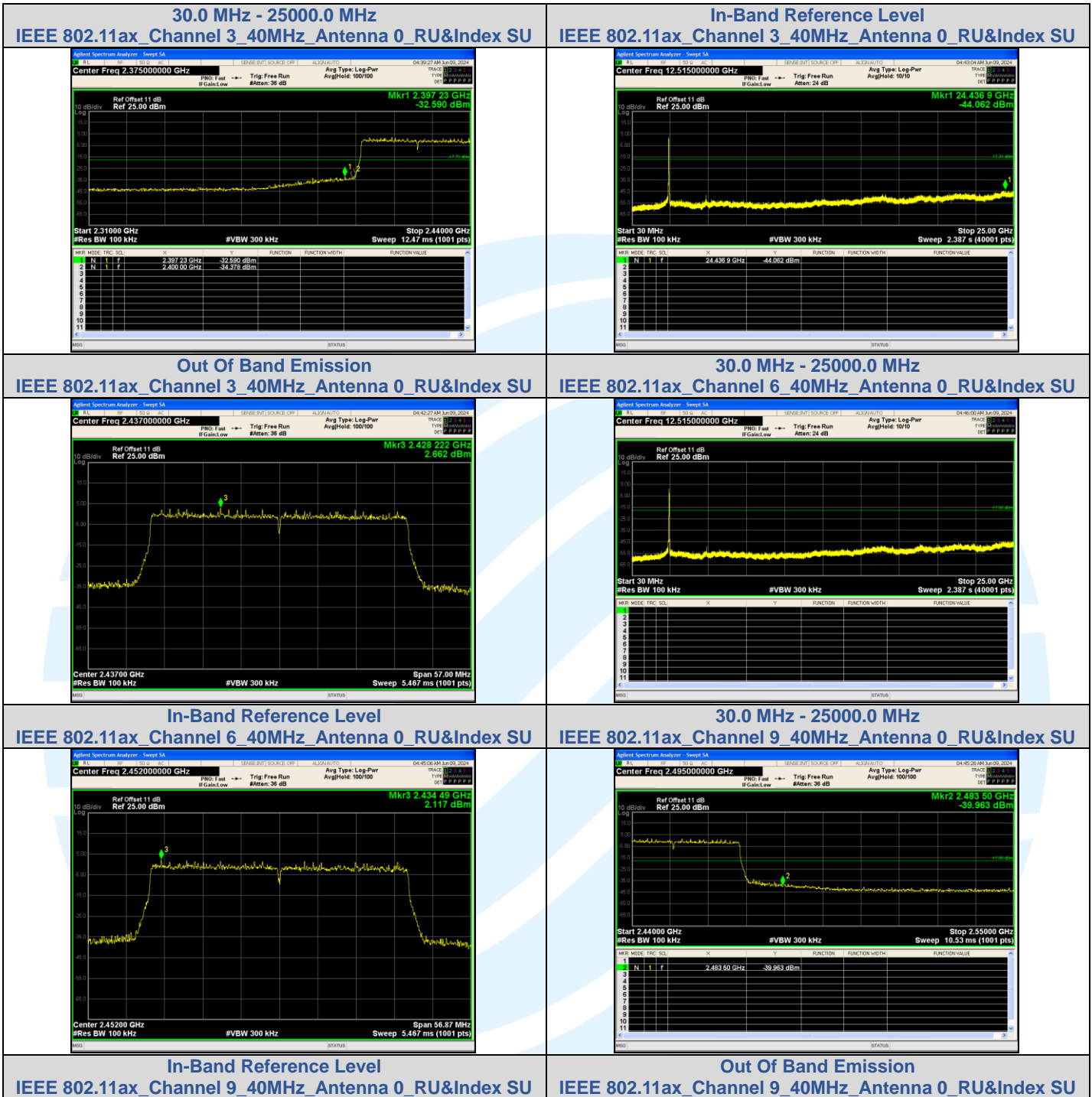
30.0 MHz - 25000.0 MHz
IEEE 802.11ax Channel 11 20MHz Antenna 0_RU&Index SU



In-Band Reference Level
IEEE 802.11ax Channel 11 20MHz Antenna 0_RU&Index SU

Out Of Band Emission
IEEE 802.11ax Channel 11 20MHz Antenna 0_RU&Index SU

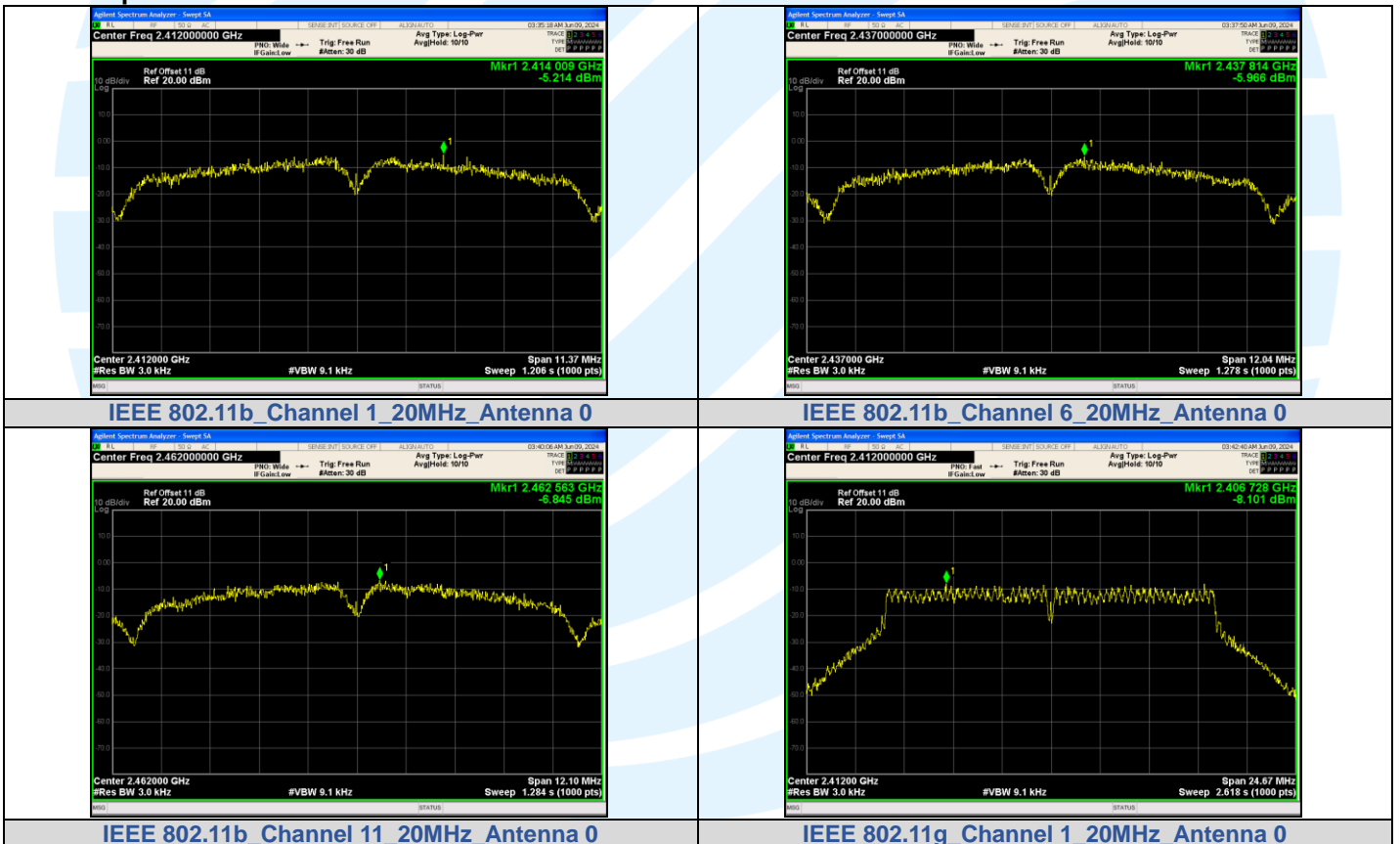


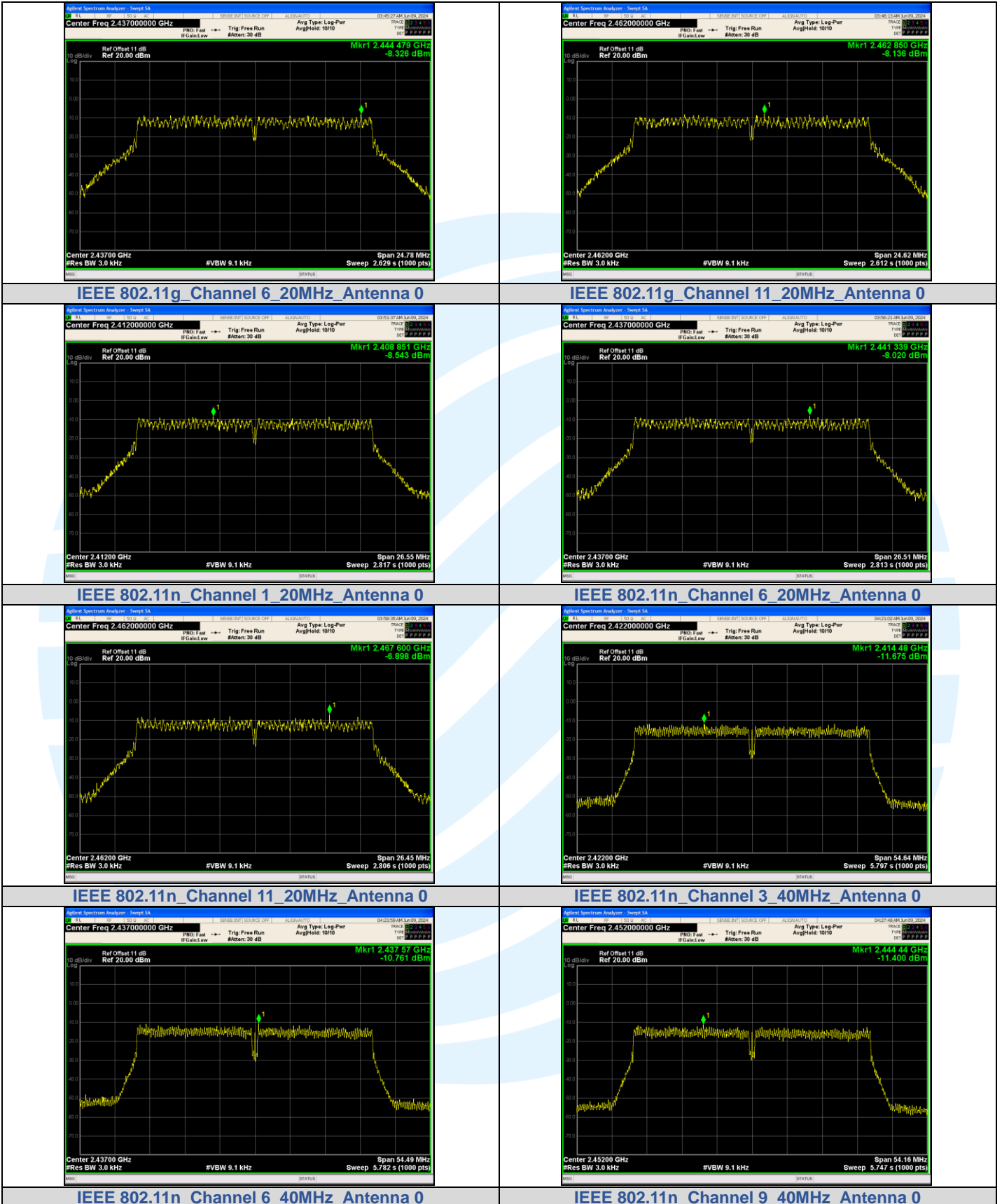


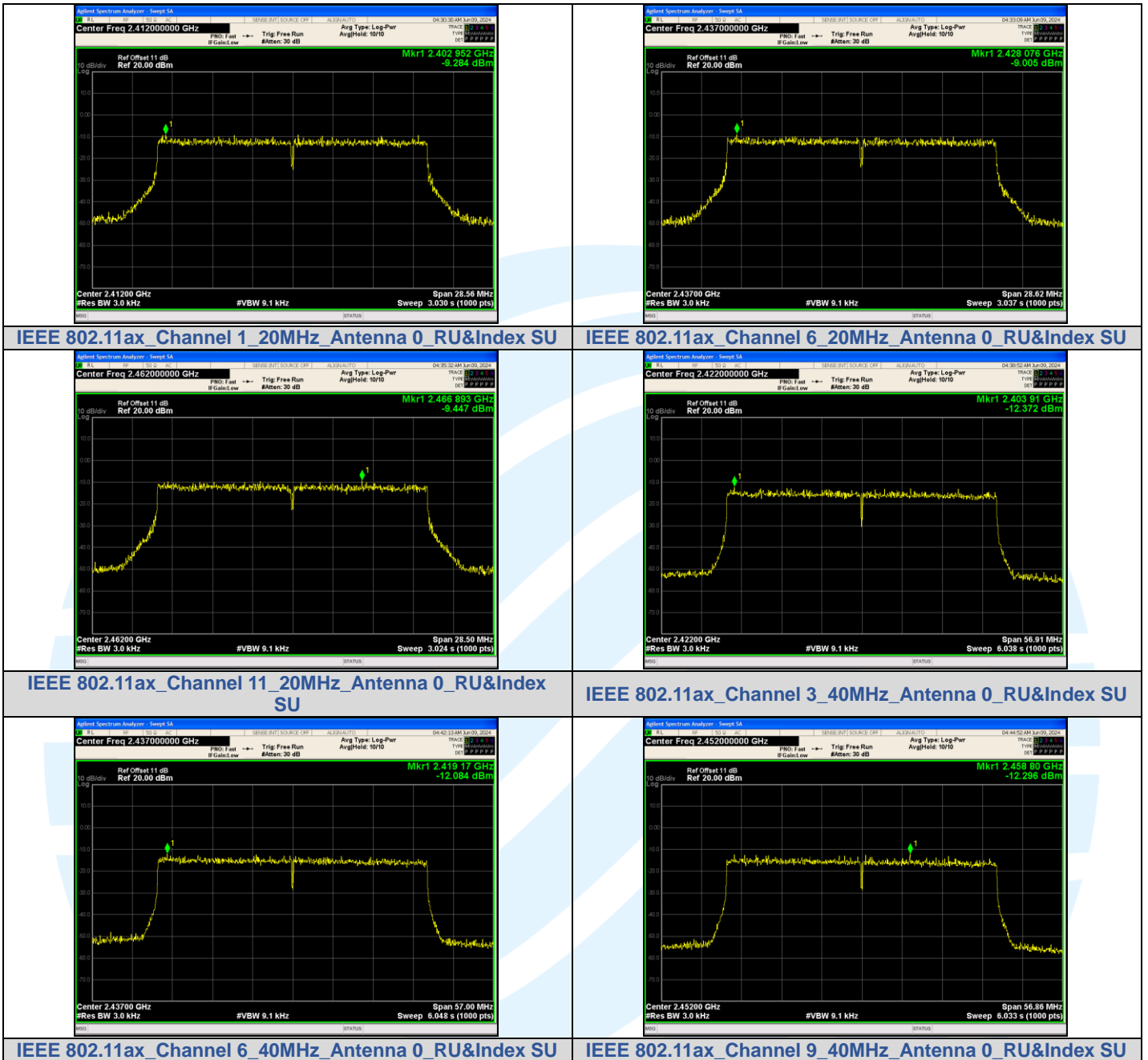
A.4 POWER SPECTRAL DENSITY

Mode	Channel	RU & Index	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	N/A	-5.214	≤8	PASS
	6		-5.966		PASS
	11		-6.845		PASS
IEEE 802.11g	1		-8.101		PASS
	6		-8.326		PASS
	11		-8.136		PASS
IEEE 802.11n_20	1		-8.543		PASS
	6		-8.020		PASS
	11		-6.898		PASS
IEEE 802.11n_40	3	-11.675	PASS		
	6	-10.761	PASS		
	9	-11.400	PASS		
IEEE 802.11ax_20	1	SU	-9.284	≤8	PASS
	6		-9.005		PASS
	11		-9.447		PASS
IEEE 802.11ax_40	3		-12.372		PASS
	6		-12.084		PASS
	9		-12.296		PASS

Test Graphs







A.5 RADIATED SPURIOUS EMISSIONS

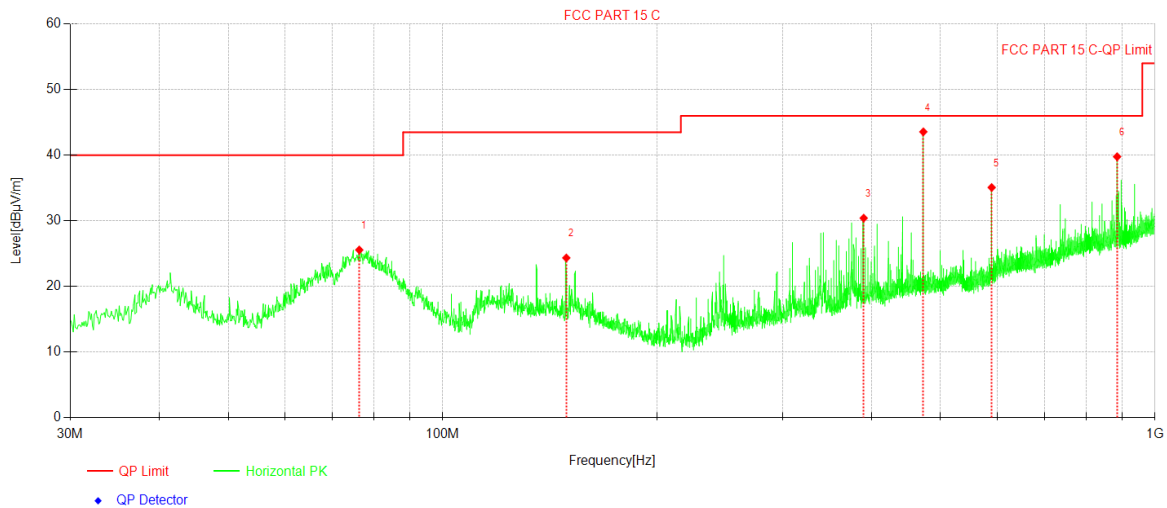
Radiated Emission Test Data (9 kHz ~ 30 MHz):

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

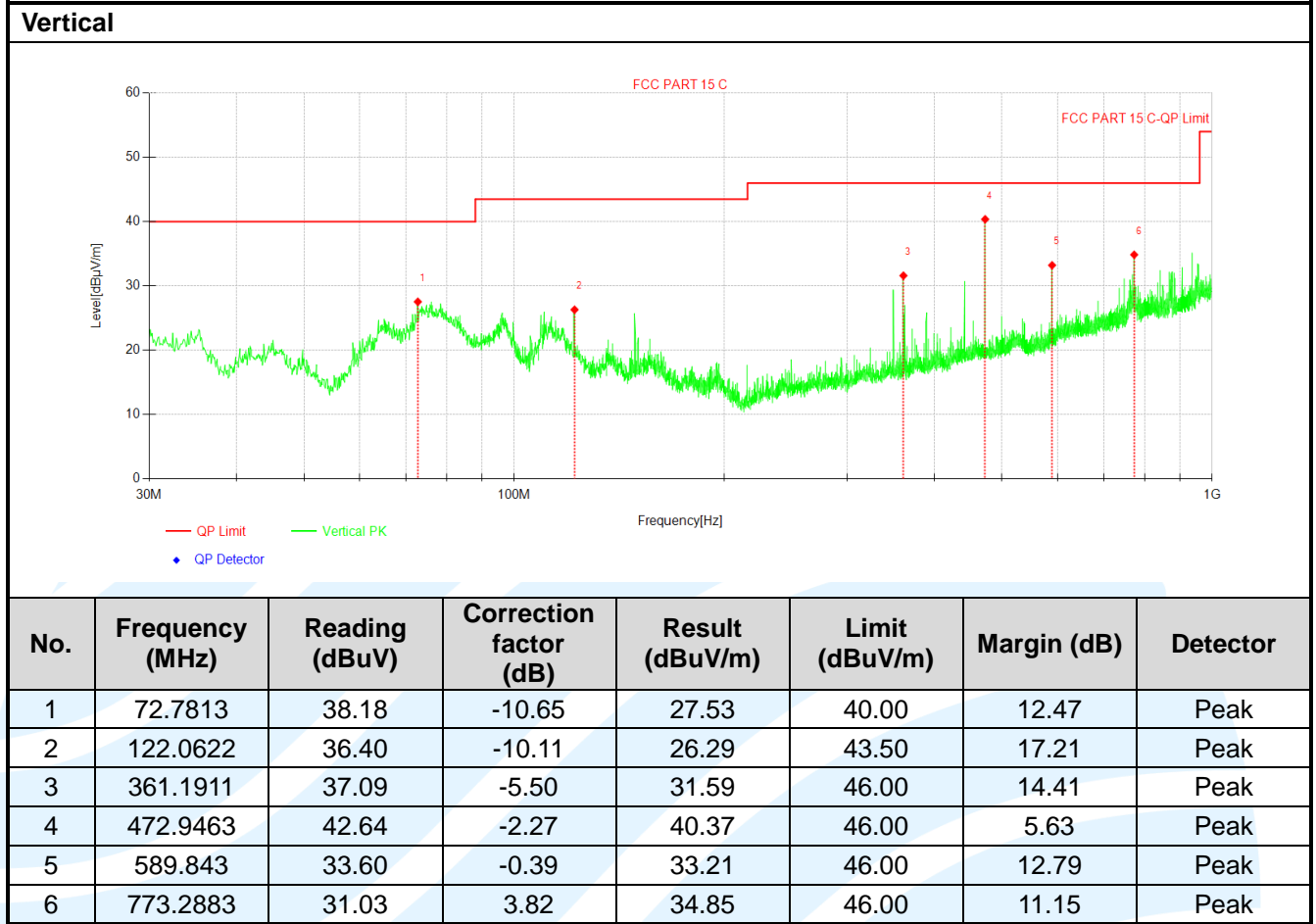
Radiated Emission Test Data (30 MHz ~ 1 GHz):

Worst-Case Configuration(IEEE 802.11ax-HE20 Channel 11)

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	76.3706	37.12	-11.57	25.55	40.00	14.45	Peak
2	149.1279	32.27	-7.93	24.34	43.50	19.16	Peak
3	390.003	34.94	-4.53	30.41	46.00	15.59	Peak
4	472.946295	45.84	-2.27	43.57	46.00	2.43	Peak
5	589.843	35.47	-0.39	35.08	46.00	10.92	Peak
6	884.7525	35.10	4.67	39.77	46.00	6.23	Peak



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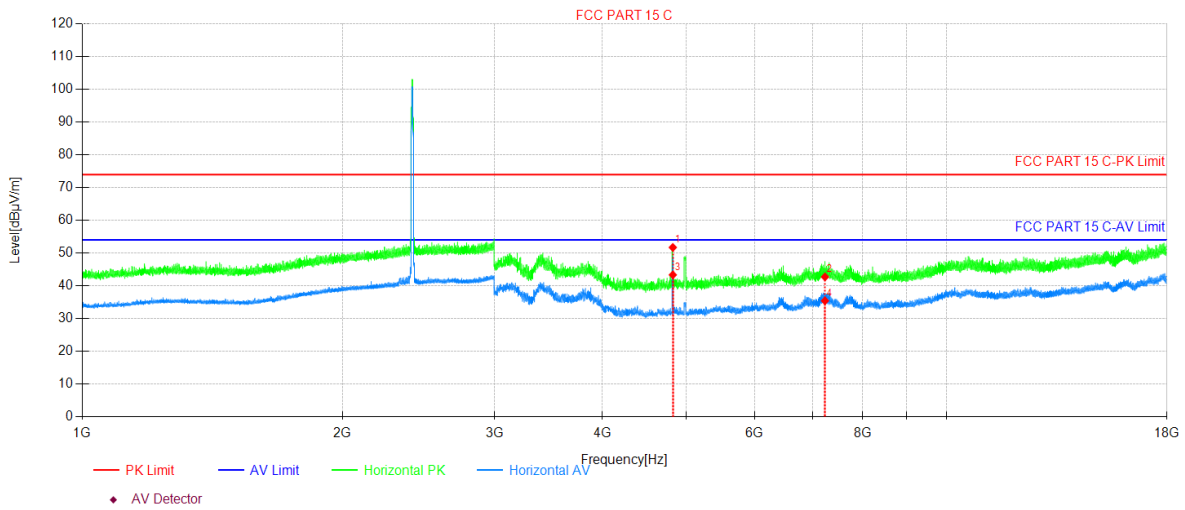
E-mail: info@uttlab.com

<http://www.uttlab.com>

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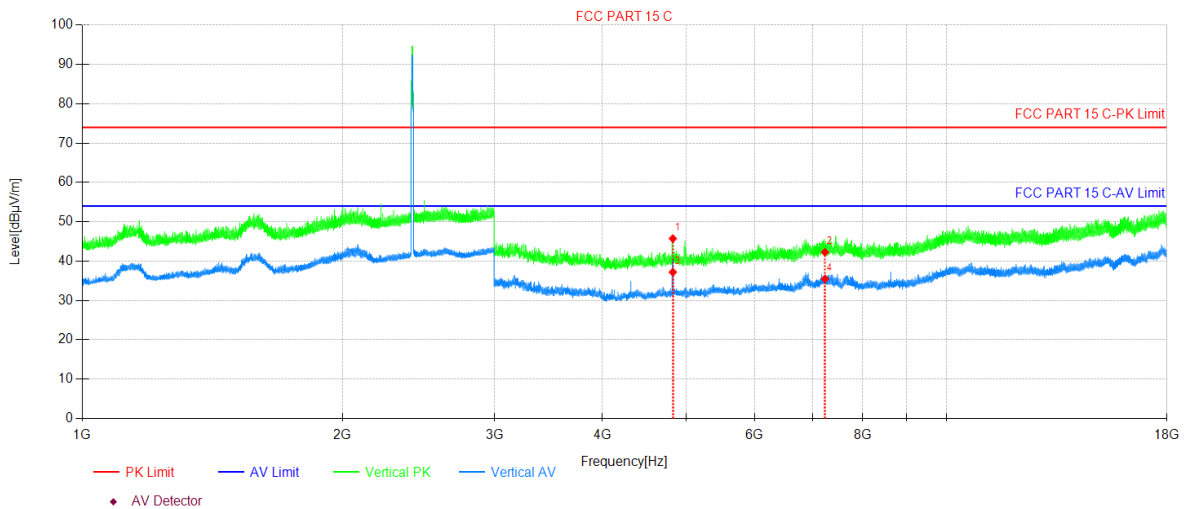
Radiated Emission Test Data (Above 1GHz):

**IEEE 802.11b_ 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	4824.0912	56.35	-4.63	51.72	74.00	22.28	150	180	PK	Horizontal	PASS	
2	7236.2118	44.41	-1.70	42.71	74.00	31.29	150	159	PK	Horizontal	PASS	
3	4824.0912	47.97	-4.63	43.34	54.00	10.66	150	180	AV	Horizontal	PASS	
4	7236.2118	37.11	-1.70	35.41	54.00	18.59	150	144	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	4824.0912	50.37	-4.63	45.74	74.00	28.26	150	169	PK	Vertical	PASS	
2	7236.2118	43.94	-1.70	42.24	74.00	31.76	150	99	PK	Vertical	PASS	
3	4824.0912	41.83	-4.63	37.20	54.00	16.80	150	156	AV	Vertical	PASS	
4	7236.2118	37.19	-1.70	35.49	54.00	18.51	150	85	AV	Vertical	PASS	

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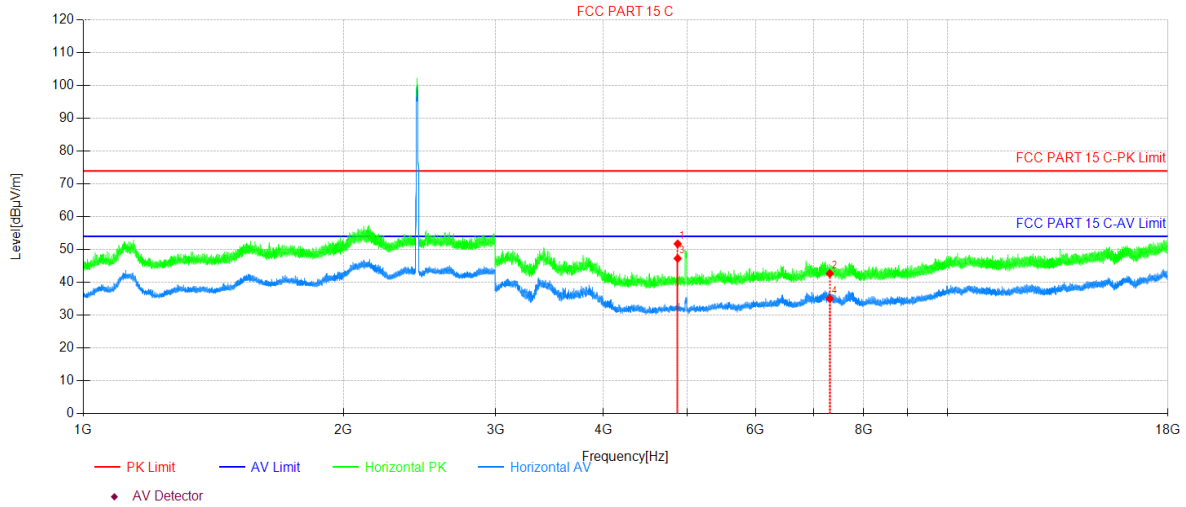
E-mail: info@uttlab.com

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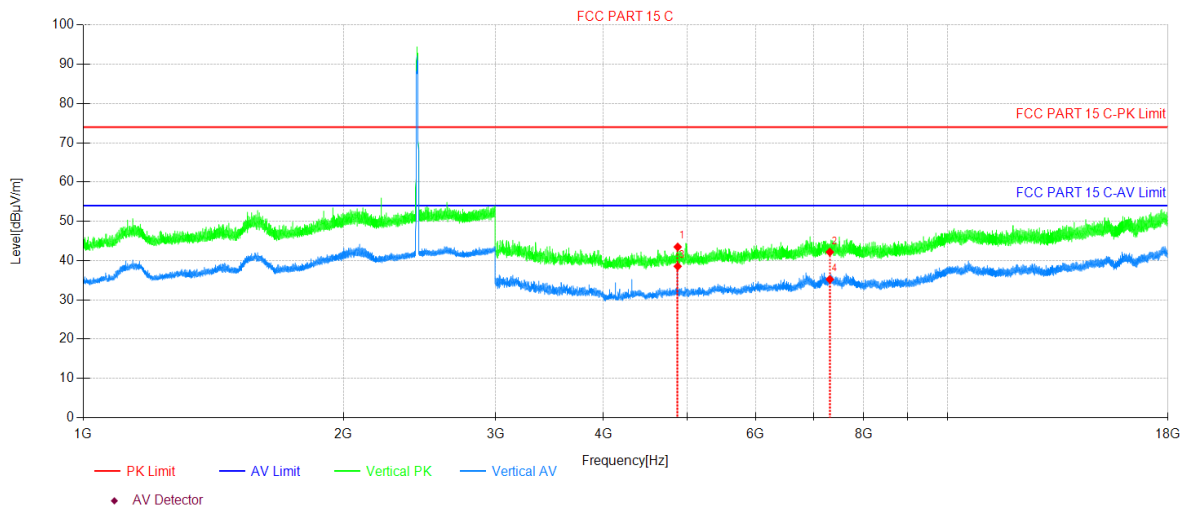
IEEE 802.11b _ Middle Channe:

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	4874.3437	56.44	-4.70	51.74	74.00	22.26	150	152	PK	Horizontal	PASS
2	7311.2156	44.22	-1.53	42.69	74.00	31.31	150	167	PK	Horizontal	PASS
3	4874.3437	51.98	-4.70	47.28	54.00	6.72	150	152	AV	Horizontal	PASS
4	7311.2156	36.55	-1.53	35.02	54.00	18.98	150	139	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	4874.3437	48.18	-4.70	43.48	74.00	30.52	150	178	PK	Vertical	PASS
2	7311.2156	43.71	-1.53	42.18	74.00	31.82	150	95	PK	Vertical	PASS
3	4874.3437	43.25	-4.70	38.55	54.00	15.45	150	151	AV	Vertical	PASS
4	7311.2156	36.76	-1.53	35.23	54.00	18.77	150	138	AV	Vertical	PASS

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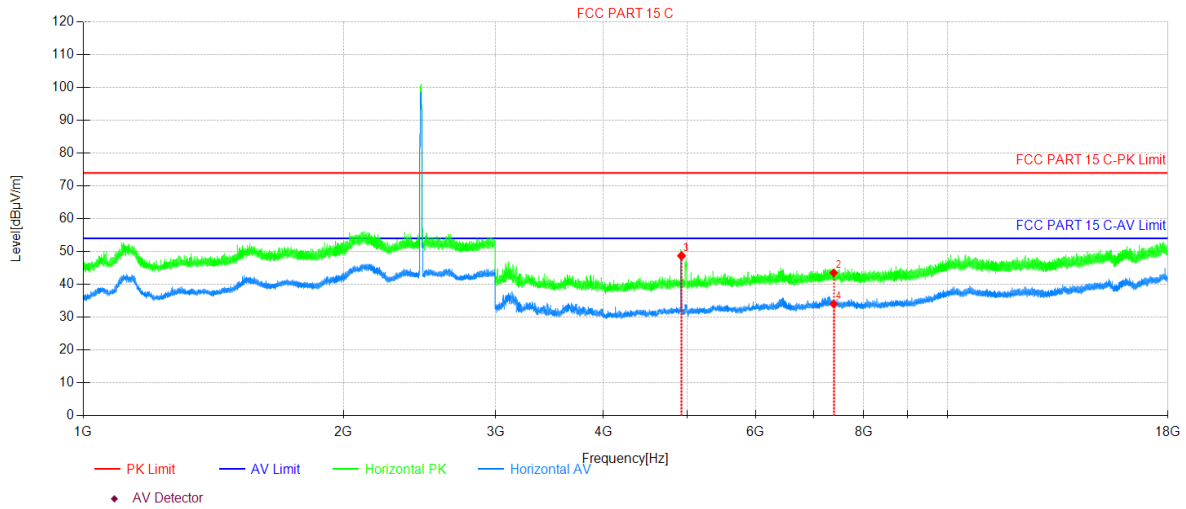
E-mail: info@uttlab.com

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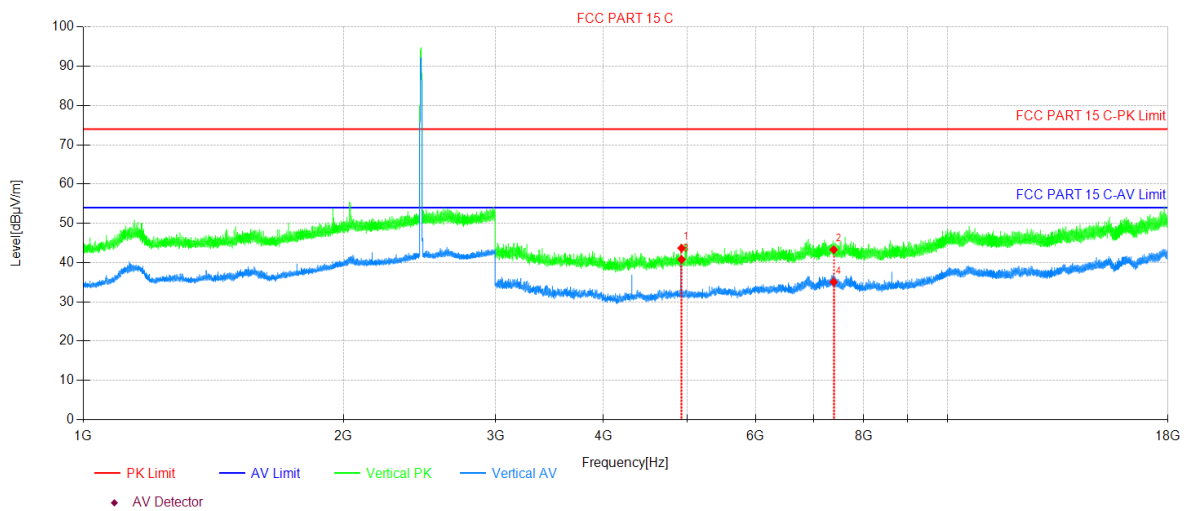
IEEE 802.11b _ Highest Channel:

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	4924.5962	53.61	-4.79	48.82	74.00	25.18	150	150	PK	Horizontal	PASS
2	7386.2193	44.85	-1.32	43.53	74.00	30.47	150	166	PK	Horizontal	PASS
3	4924.5962	53.38	-4.79	48.59	54.00	5.41	150	150	AV	Horizontal	PASS
4	7386.2193	35.32	-1.32	34.00	54.00	20.00	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	4924.5962	48.47	-4.79	43.68	74.00	30.32	150	166	PK	Vertical	PASS
2	7386.2193	44.61	-1.32	43.29	74.00	30.71	150	132	PK	Vertical	PASS
3	4924.5962	45.58	-4.79	40.79	54.00	13.21	150	166	AV	Vertical	PASS
4	7386.2193	36.38	-1.32	35.06	54.00	18.94	150	88	AV	Vertical	PASS

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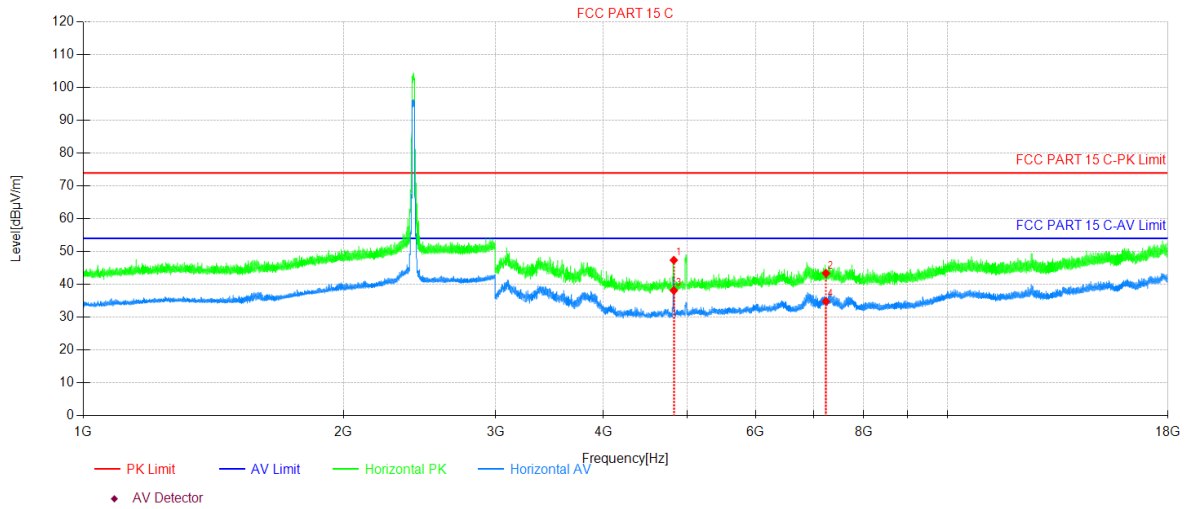
E-mail: info@uttlab.com

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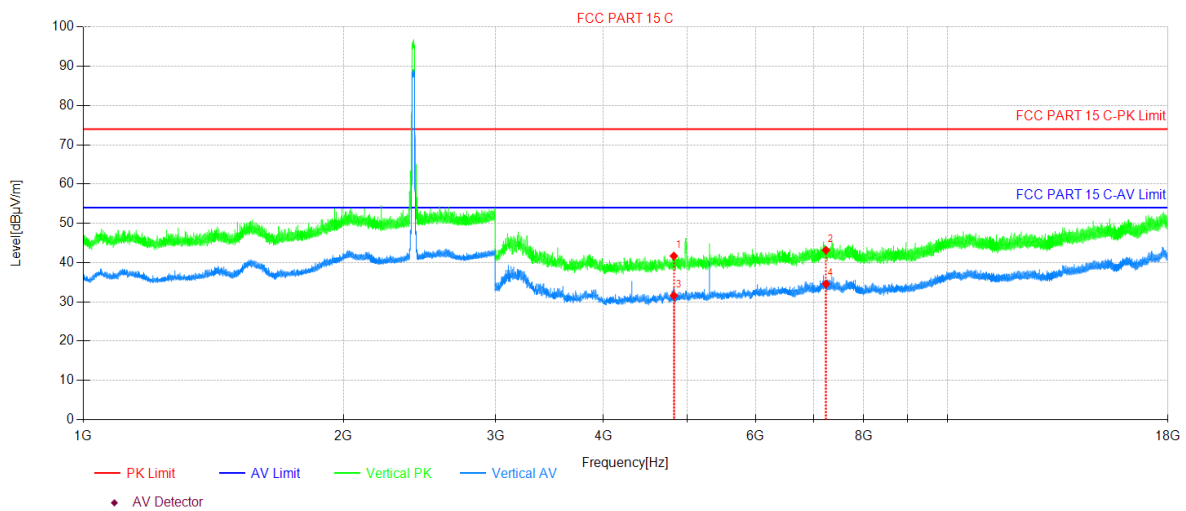
IEEE 802.11g _ Lowest Channel:

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	4824.0912	52.00	-4.63	47.37	74.00	26.63	150	153	PK	Horizontal	PASS
2	7236.2118	45.08	-1.70	43.38	74.00	30.62	150	139	PK	Horizontal	PASS
3	4824.0912	42.75	-4.63	38.12	54.00	15.88	150	177	AV	Horizontal	PASS
4	7236.2118	36.47	-1.70	34.77	54.00	19.23	150	153	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	4824.0912	46.31	-4.63	41.68	74.00	32.32	150	166	PK	Vertical	PASS
2	7236.2118	44.87	-1.70	43.17	74.00	30.83	150	166	PK	Vertical	PASS
3	4824.0912	36.24	-4.63	31.61	54.00	22.39	150	152	AV	Vertical	PASS
4	7236.2118	36.29	-1.70	34.59	54.00	19.41	150	124	AV	Vertical	PASS

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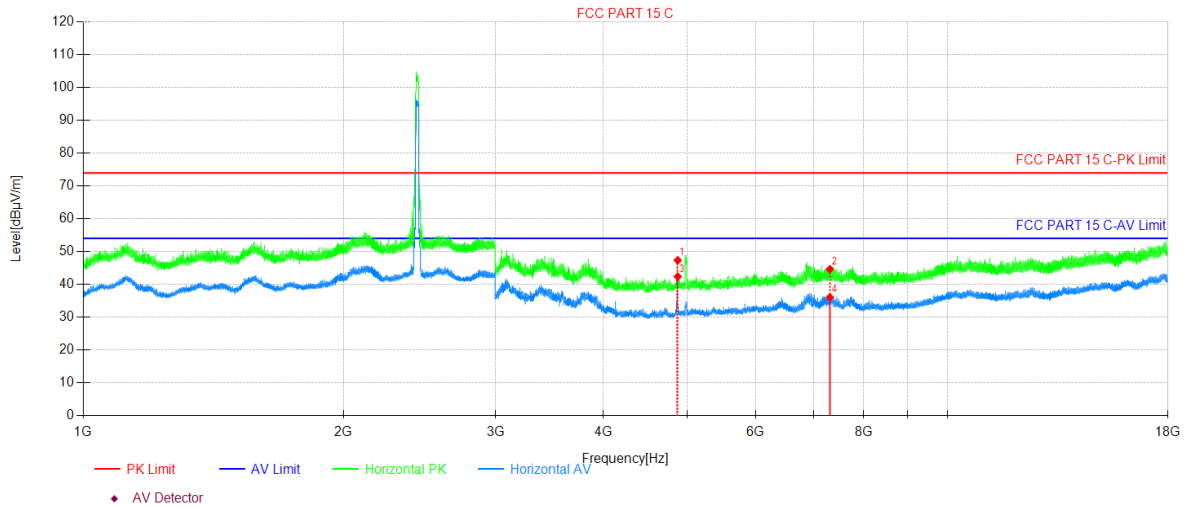
E-mail: info@uttlab.com

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IEEE 802.11g _ Middle Channel:

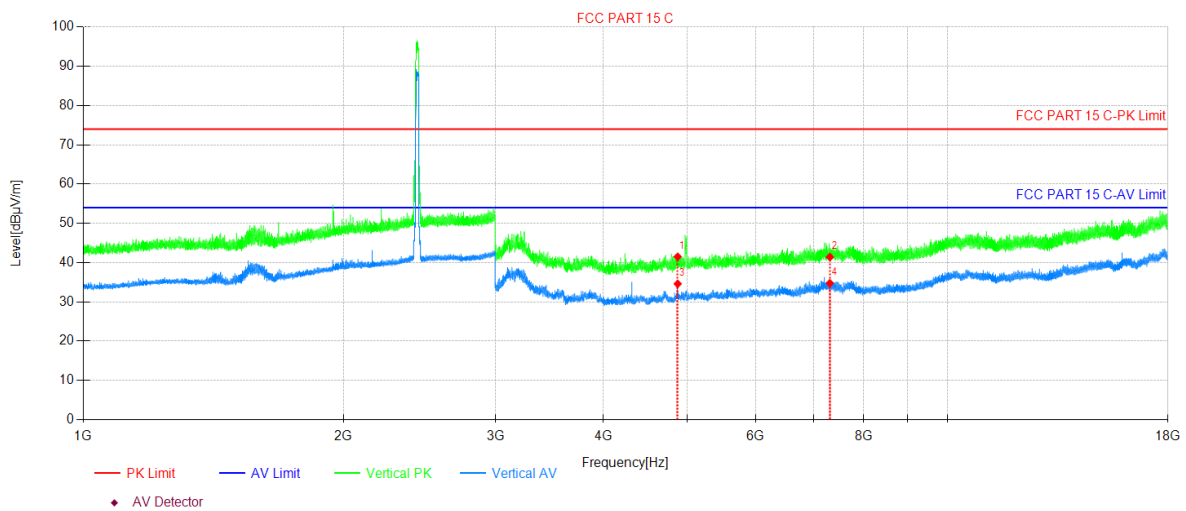
Test Graph



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	4874.3437	52.03	-4.70	47.33	74.00	26.67	150	177	PK	Horizontal	PASS
2	7311.2156	46.13	-1.53	44.60	74.00	29.40	150	140	PK	Horizontal	PASS
3	4874.3437	47.06	-4.70	42.36	54.00	11.64	150	166	AV	Horizontal	PASS
4	7311.2156	37.54	-1.53	36.01	54.00	17.99	150	152	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	4874.3437	46.19	-4.70	41.49	74.00	32.51	150	135	PK	Vertical	PASS
2	7311.2156	42.95	-1.53	41.42	74.00	32.58	150	95	PK	Vertical	PASS
3	4874.3437	39.29	-4.70	34.59	54.00	19.41	150	0	AV	Vertical	PASS
4	7311.2156	36.28	-1.53	34.75	54.00	19.25	150	135	AV	Vertical	PASS

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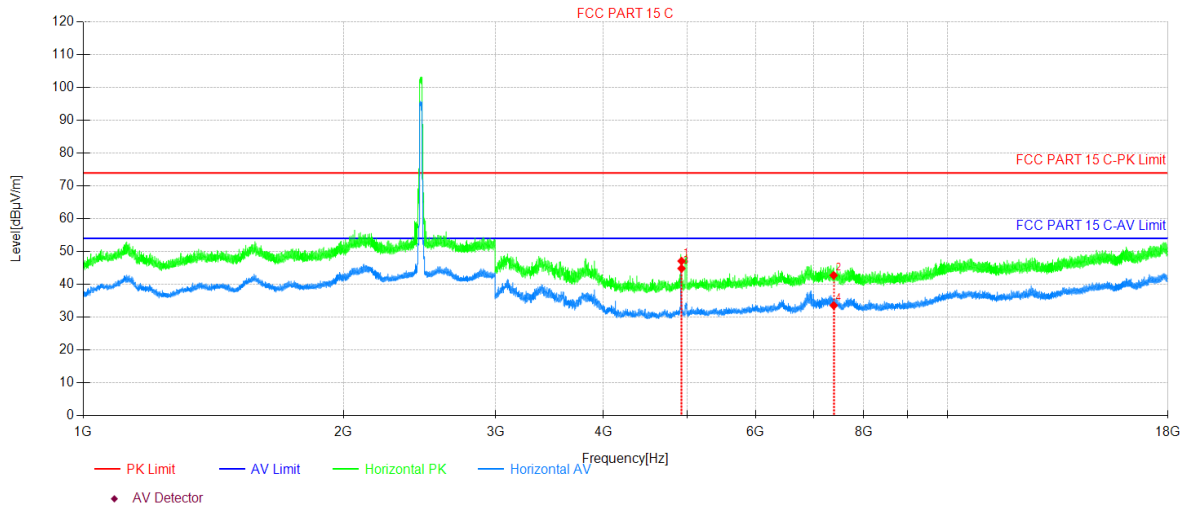
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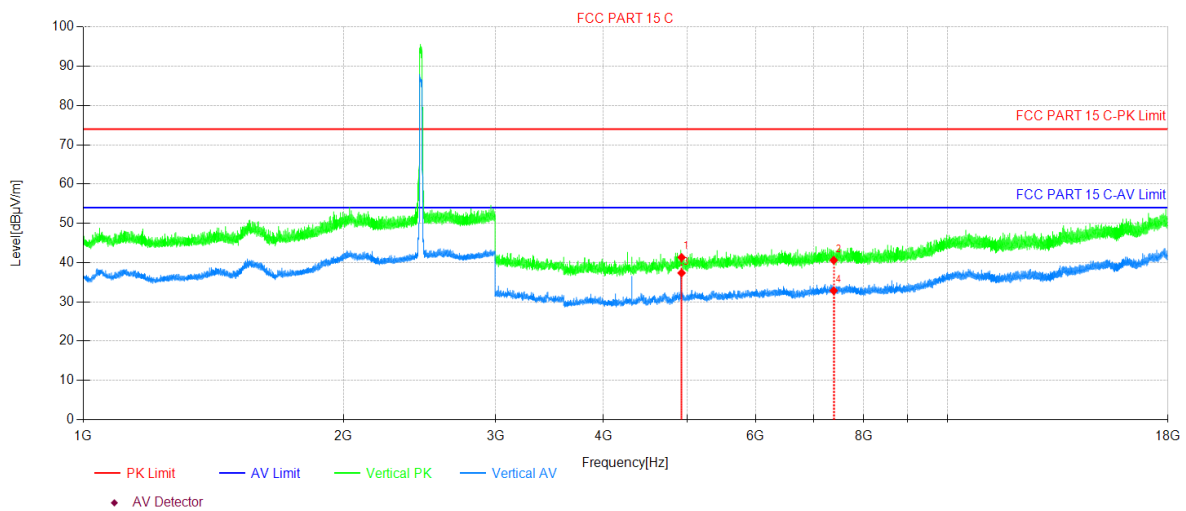
IEEE 802.11g _ Highest Channel:

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	4924.5962	51.88	-4.79	47.09	74.00	26.91	150	177	PK	Horizontal	PASS
2	7386.2193	44.06	-1.32	42.74	74.00	31.26	150	0	PK	Horizontal	PASS
3	4924.5962	49.63	-4.79	44.84	54.00	9.16	150	177	AV	Horizontal	PASS
4	7386.2193	34.87	-1.32	33.55	54.00	20.45	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	4924.5962	46.12	-4.79	41.33	74.00	32.67	150	0	PK	Vertical	PASS
2	7386.2193	41.92	-1.32	40.60	74.00	33.40	150	120	PK	Vertical	PASS
3	4924.5962	42.15	-4.79	37.36	54.00	16.64	150	0	AV	Vertical	PASS
4	7386.2193	34.17	-1.32	32.85	54.00	21.15	150	52	AV	Vertical	PASS

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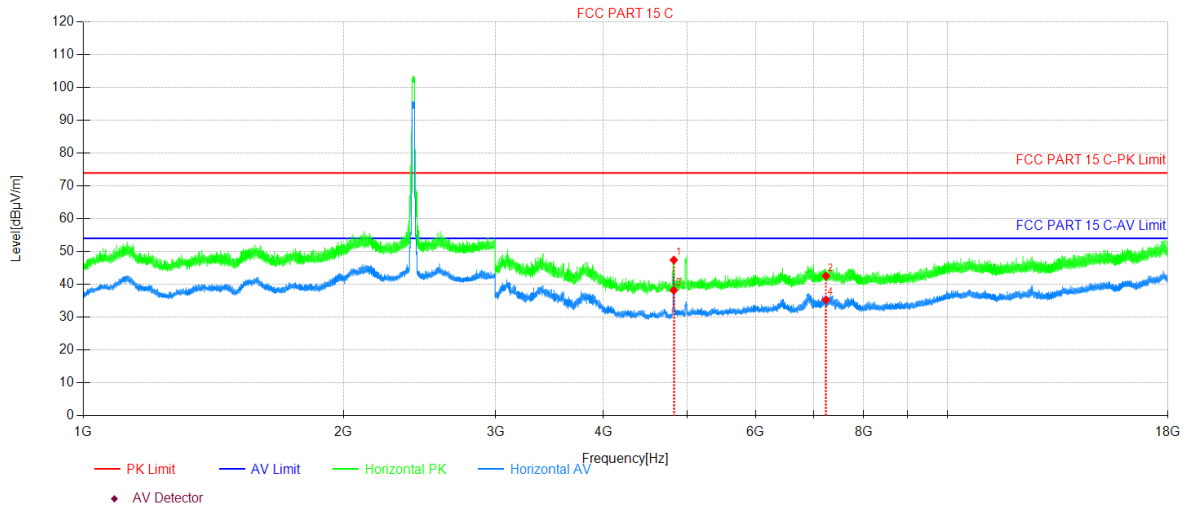
E-mail: info@uttlab.com

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IEEE 802.11n-HT20 _ Lowest Channel:

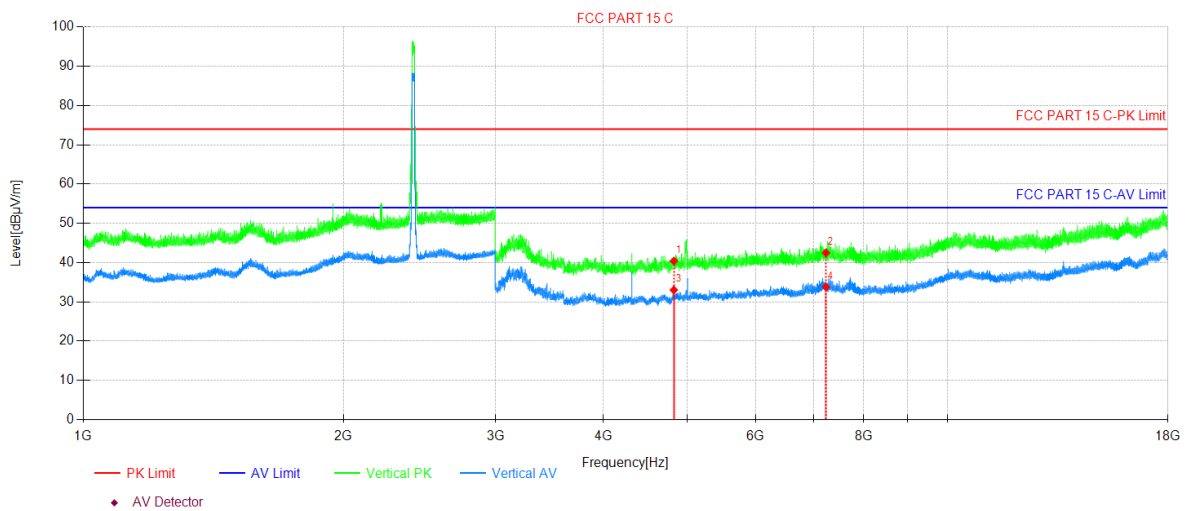
Test Graph



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	4824.0912	52.06	-4.63	47.43	74.00	26.57	150	177	PK	Horizontal	PASS
2	7236.2118	44.26	-1.70	42.56	74.00	31.44	150	81	PK	Horizontal	PASS
3	4824.0912	42.82	-4.63	38.19	54.00	15.81	150	177	AV	Horizontal	PASS
4	7236.2118	37.00	-1.70	35.30	54.00	18.70	150	164	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	4824.0912	45.03	-4.63	40.40	74.00	33.60	150	0	PK	Vertical	PASS
2	7236.2118	44.19	-1.70	42.49	74.00	31.51	150	111	PK	Vertical	PASS
3	4824.0912	37.65	-4.63	33.02	54.00	20.98	150	41	AV	Vertical	PASS
4	7236.2118	35.48	-1.70	33.78	54.00	20.22	150	139	AV	Vertical	PASS

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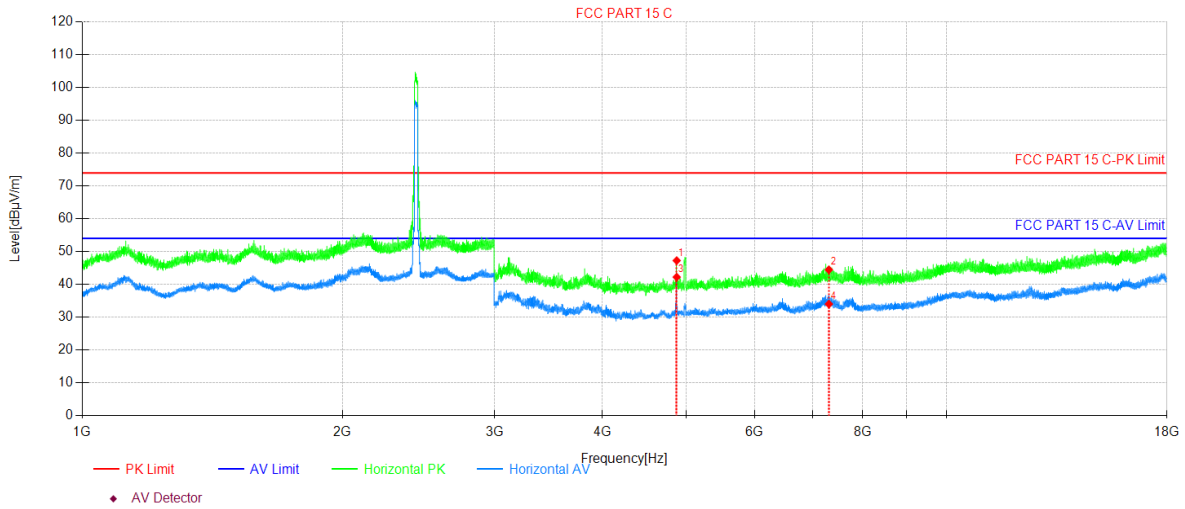
E-mail: info@uttlab.com

<http://www.uttlab.com>

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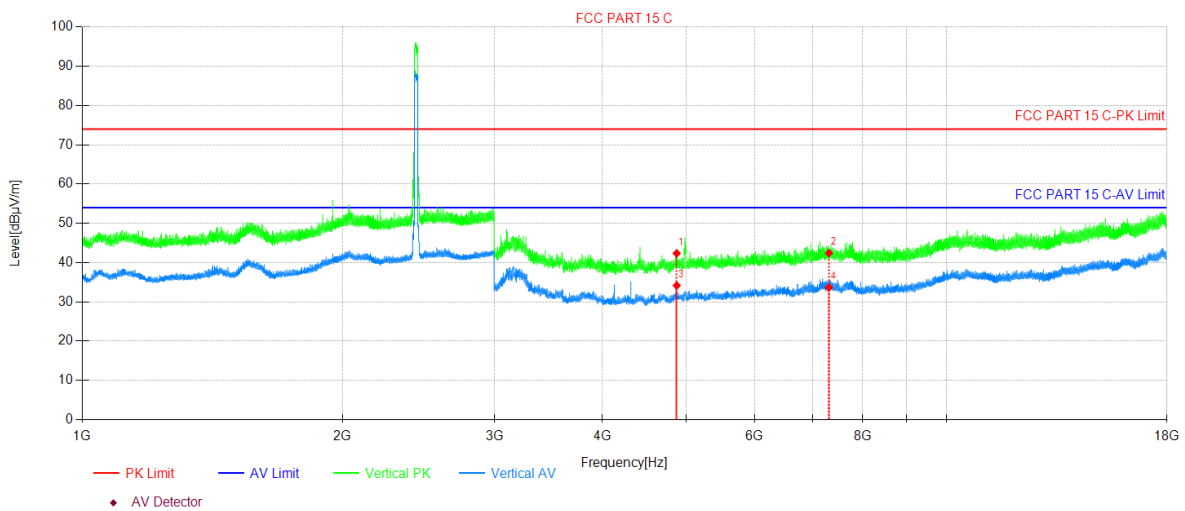
IEEE 802.11n-HT20 _ Middle Channel:

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	4874.3437	51.95	-4.70	47.25	74.00	26.75	150	165	PK	Horizontal	PASS
2	7311.2156	45.98	-1.53	44.45	74.00	29.55	150	165	PK	Horizontal	PASS
3	4874.3437	46.92	-4.70	42.22	54.00	11.78	150	177	AV	Horizontal	PASS
4	7311.2156	35.51	-1.53	33.98	54.00	20.02	150	165	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	4874.3437	47.06	-4.70	42.36	74.00	31.64	150	139	PK	Vertical	PASS
2	7311.2156	43.97	-1.53	42.44	74.00	31.56	150	82	PK	Vertical	PASS
3	4874.3437	38.86	-4.70	34.16	54.00	19.84	150	165	AV	Vertical	PASS
4	7311.2156	35.20	-1.53	33.67	54.00	20.33	150	82	AV	Vertical	PASS

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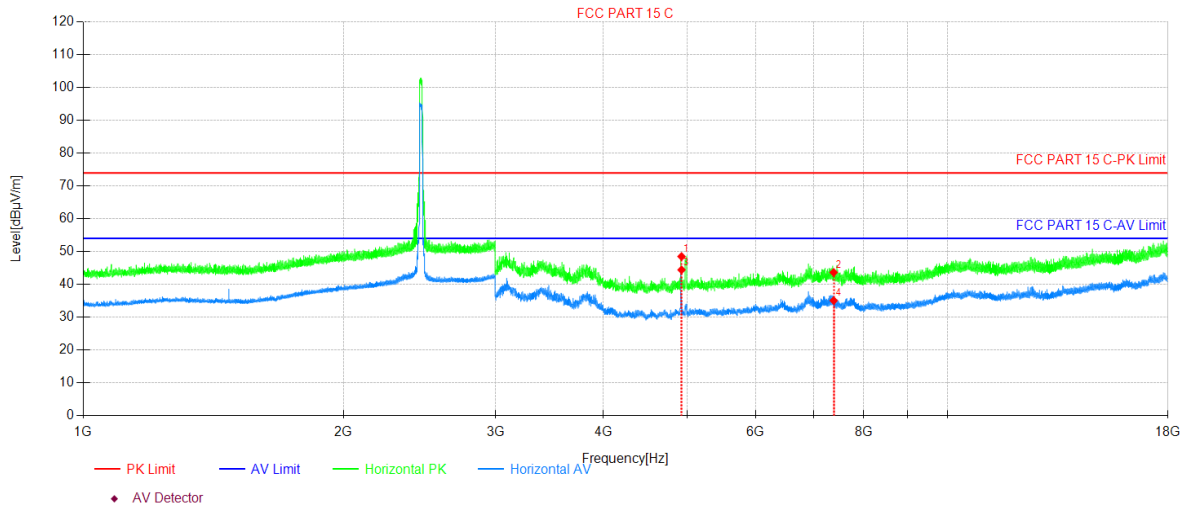
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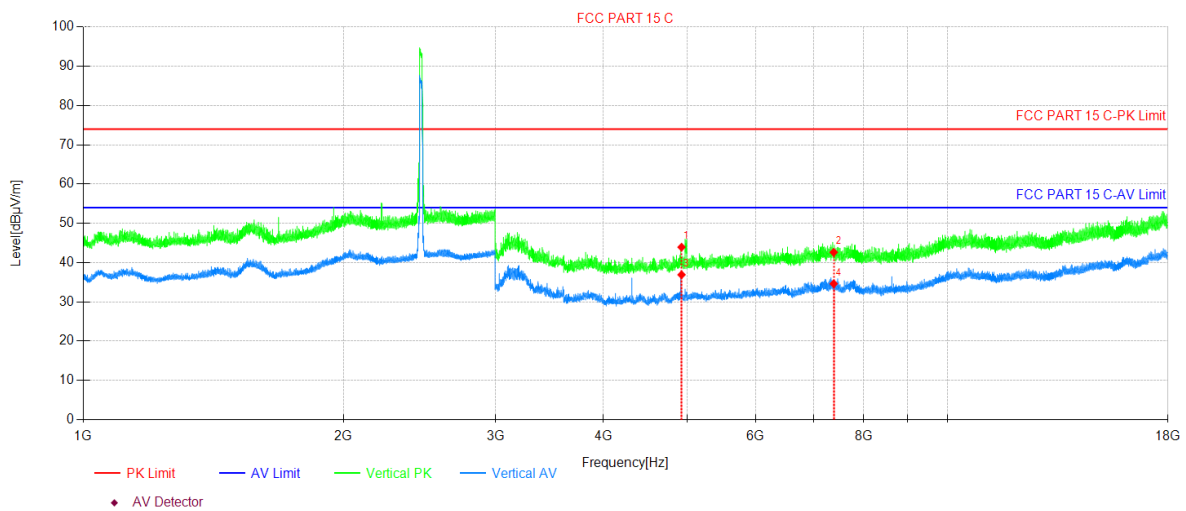
IEEE 802.11n-HT20 _ Highest Channel:

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	4923.8462	53.29	-4.79	48.50	74.00	25.50	150	177	PK	Horizontal	PASS
2	7386.2193	44.96	-1.32	43.64	74.00	30.36	150	112	PK	Horizontal	PASS
3	4924.5962	49.21	-4.79	44.42	54.00	9.58	150	177	AV	Horizontal	PASS
4	7386.2193	36.37	-1.32	35.05	54.00	18.95	150	165	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	4924.5962	48.73	-4.79	43.94	74.00	30.06	150	0	PK	Vertical	PASS
2	7386.2193	43.95	-1.32	42.63	74.00	31.37	150	119	PK	Vertical	PASS
3	4924.5962	41.70	-4.79	36.91	54.00	17.09	150	0	AV	Vertical	PASS
4	7386.2193	35.94	-1.32	34.62	54.00	19.38	150	135	AV	Vertical	PASS

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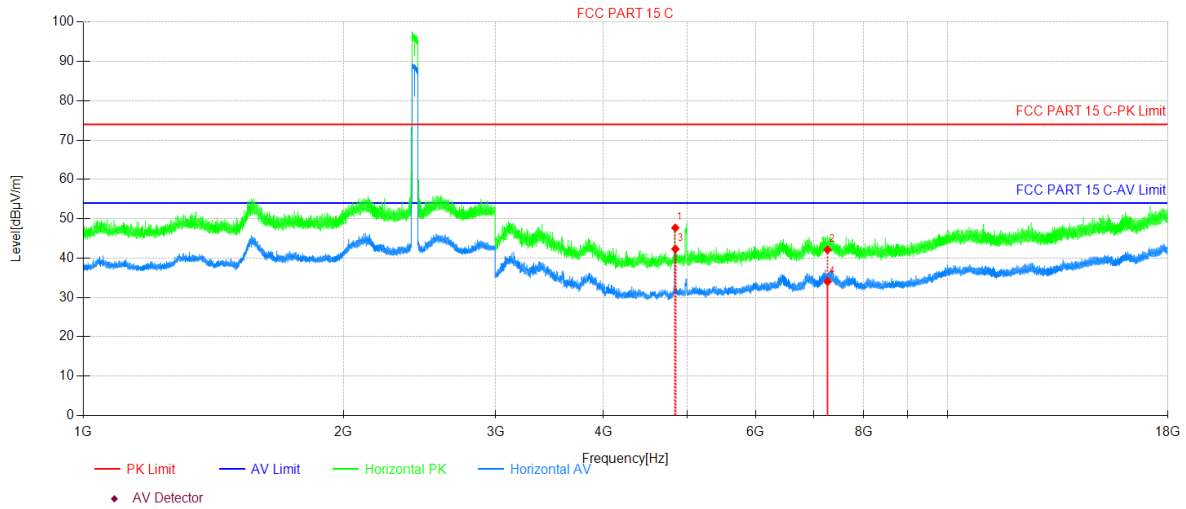
E-mail: info@uttlab.com

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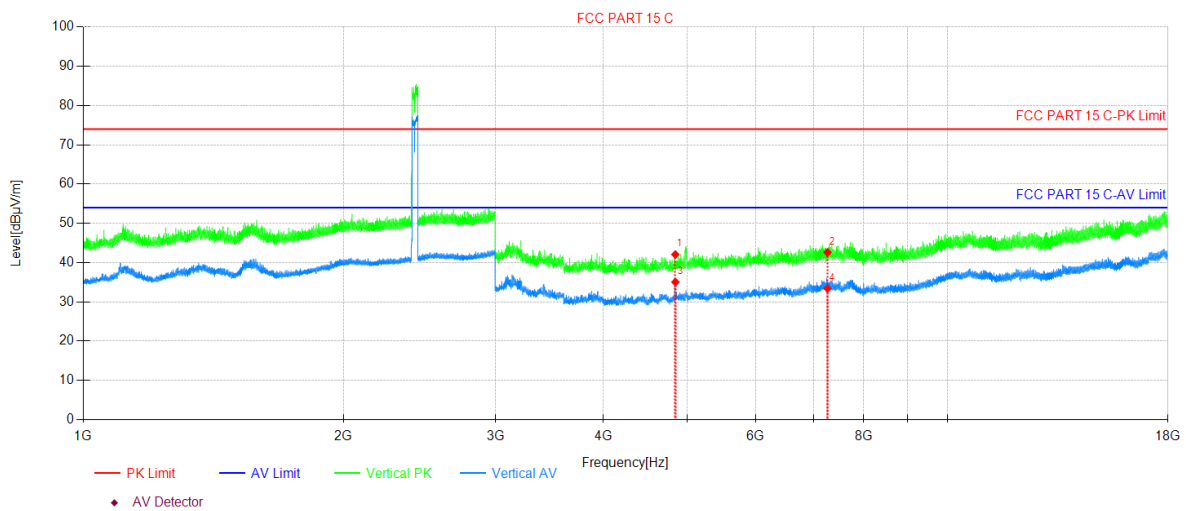
IEEE 802.11n-HT40 _ Lowest Channel:

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	4843.5922	52.36	-4.66	47.70	74.00	26.30	150	180	PK	Horizontal	PASS
2	7266.2133	43.76	-1.63	42.13	74.00	31.87	150	124	PK	Horizontal	PASS
3	4844.3422	47.00	-4.66	42.34	54.00	11.66	150	165	AV	Horizontal	PASS
4	7266.2133	35.64	-1.63	34.01	54.00	19.99	150	124	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	4843.5922	46.72	-4.66	42.06	74.00	31.94	150	146	PK	Vertical	PASS
2	7266.2133	44.22	-1.63	42.59	74.00	31.41	150	146	PK	Vertical	PASS
3	4844.3422	39.70	-4.66	35.04	54.00	18.96	150	132	AV	Vertical	PASS
4	7266.2133	35.02	-1.63	33.39	54.00	20.61	150	61	AV	Vertical	PASS

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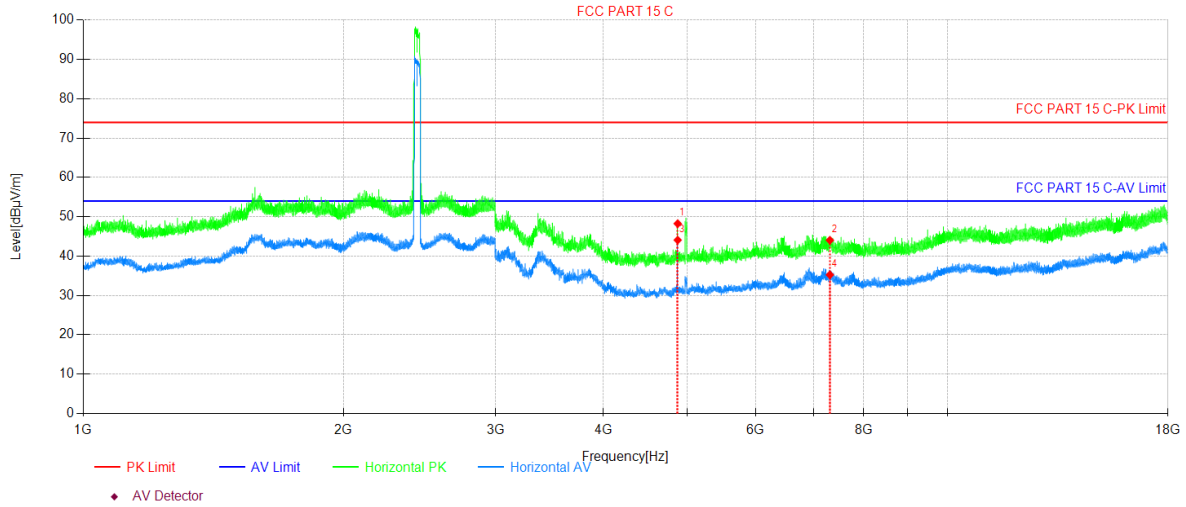
E-mail: info@uttlab.com

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IEEE 802.11n-HT40 _ Middle Channel:

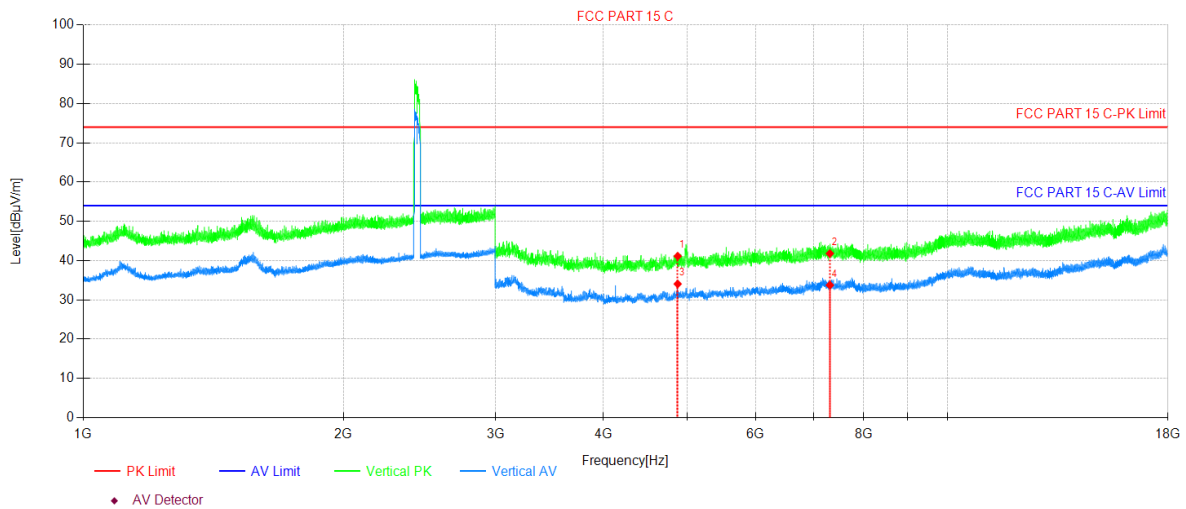
Test Graph



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	4874.3437	52.96	-4.70	48.26	74.00	25.74	150	177	PK	Horizontal	PASS
2	7311.2156	45.56	-1.53	44.03	74.00	29.97	150	177	PK	Horizontal	PASS
3	4874.3437	48.78	-4.70	44.08	54.00	9.92	150	180	AV	Horizontal	PASS
4	7311.2156	36.77	-1.53	35.24	54.00	18.76	150	180	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	4874.3437	45.83	-4.70	41.13	74.00	32.87	150	86	PK	Vertical	PASS
2	7311.2156	43.33	-1.53	41.80	74.00	32.20	150	130	PK	Vertical	PASS
3	4874.3437	38.76	-4.70	34.06	54.00	19.94	150	158	AV	Vertical	PASS
4	7311.2156	35.28	-1.53	33.75	54.00	20.25	150	101	AV	Vertical	PASS

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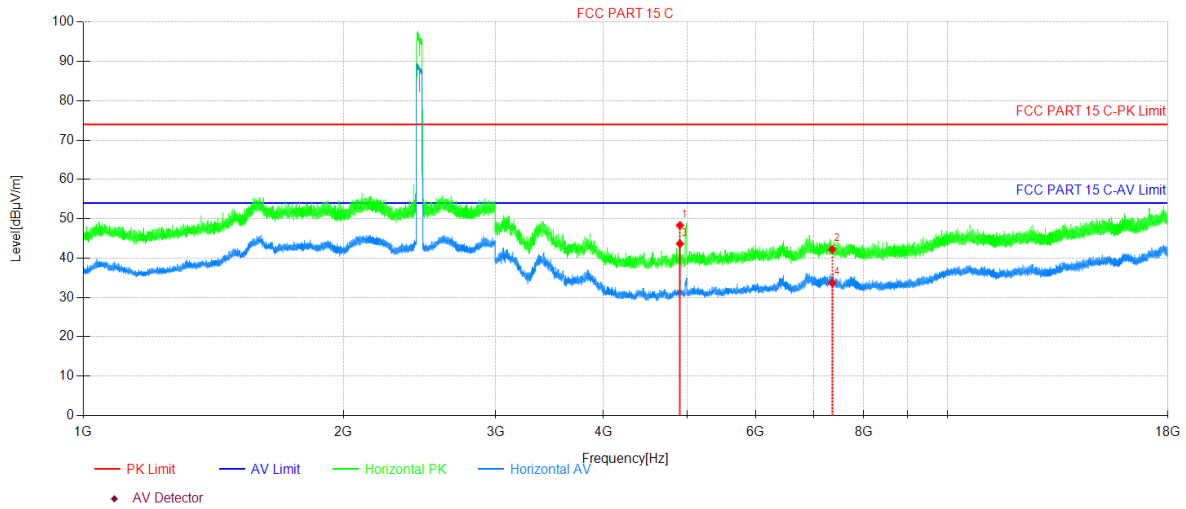
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IEEE 802.11n-HT40 _ Highest Channel:

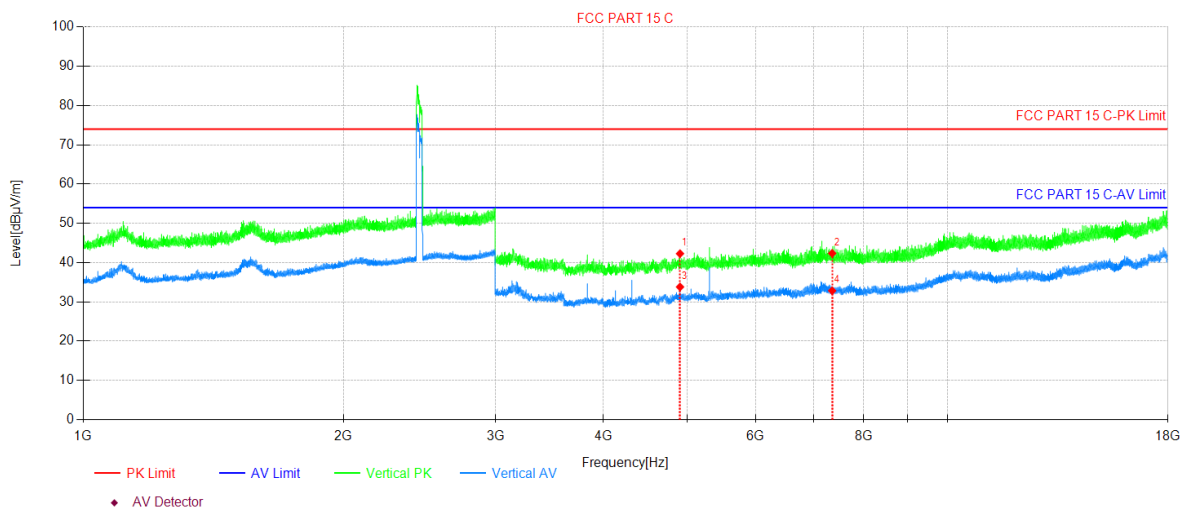
Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	4903.5952	53.06	-4.75	48.31	74.00	25.69	150	177	PK	Horizontal	PASS
2	7356.2178	43.61	-1.40	42.21	74.00	31.79	150	16	PK	Horizontal	PASS
3	4904.3452	48.41	-4.75	43.66	54.00	10.34	150	177	AV	Horizontal	PASS
4	7356.2178	35.11	-1.40	33.71	54.00	20.29	150	86	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	4904.3452	47.03	-4.75	42.28	74.00	31.72	150	165	PK	Vertical	PASS
2	7356.2178	43.77	-1.40	42.37	74.00	31.63	150	12	PK	Vertical	PASS
3	4904.3452	38.55	-4.75	33.80	54.00	20.20	150	165	AV	Vertical	PASS
4	7356.2178	34.24	-1.40	32.84	54.00	21.16	150	12	AV	Vertical	PASS

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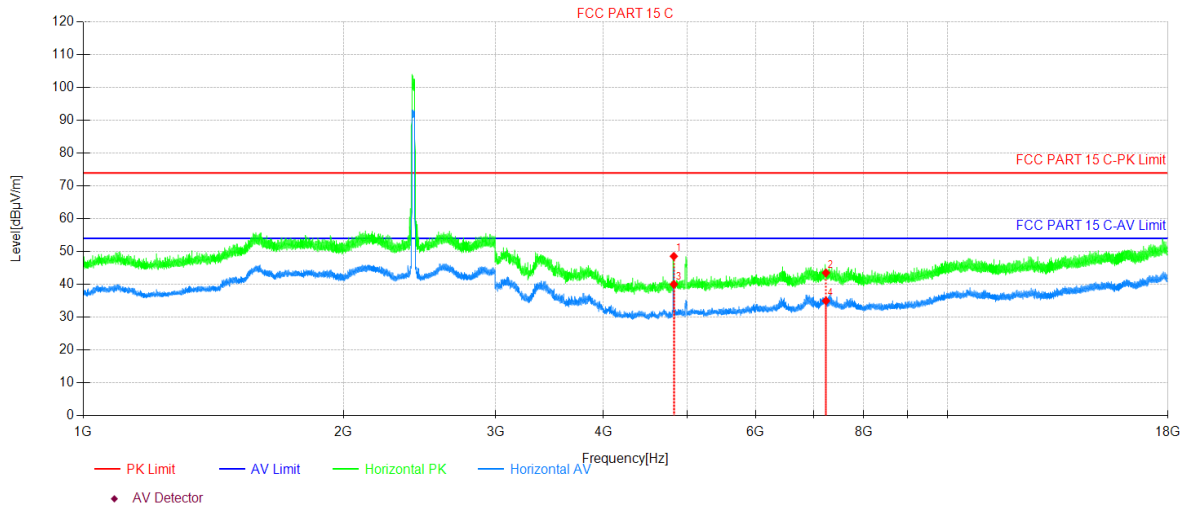
E-mail: info@uttlab.com

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IEEE 802.11n- ax20 _ Lowest Channel:

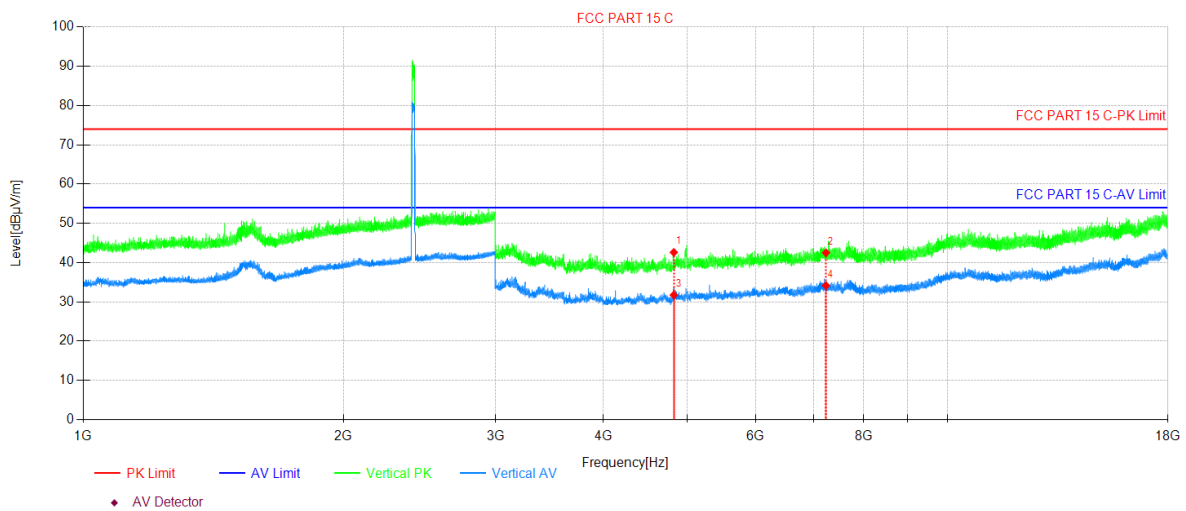
Test Graph



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	4824.0912	53.20	-4.63	48.57	74.00	25.43	150	177	PK	Horizontal	PASS
2	7236.2118	45.22	-1.70	43.52	74.00	30.48	150	177	PK	Horizontal	PASS
3	4824.0912	44.64	-4.63	40.01	54.00	13.99	150	177	AV	Horizontal	PASS
4	7236.2118	36.66	-1.70	34.96	54.00	19.04	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	4824.0912	47.24	-4.63	42.61	74.00	31.39	150	108	PK	Vertical	PASS
2	7236.2118	44.22	-1.70	42.52	74.00	31.48	150	48	PK	Vertical	PASS
3	4824.0912	36.37	-4.63	31.74	54.00	22.26	150	150	AV	Vertical	PASS
4	7236.2118	35.86	-1.70	34.16	54.00	19.84	150	177	AV	Vertical	PASS

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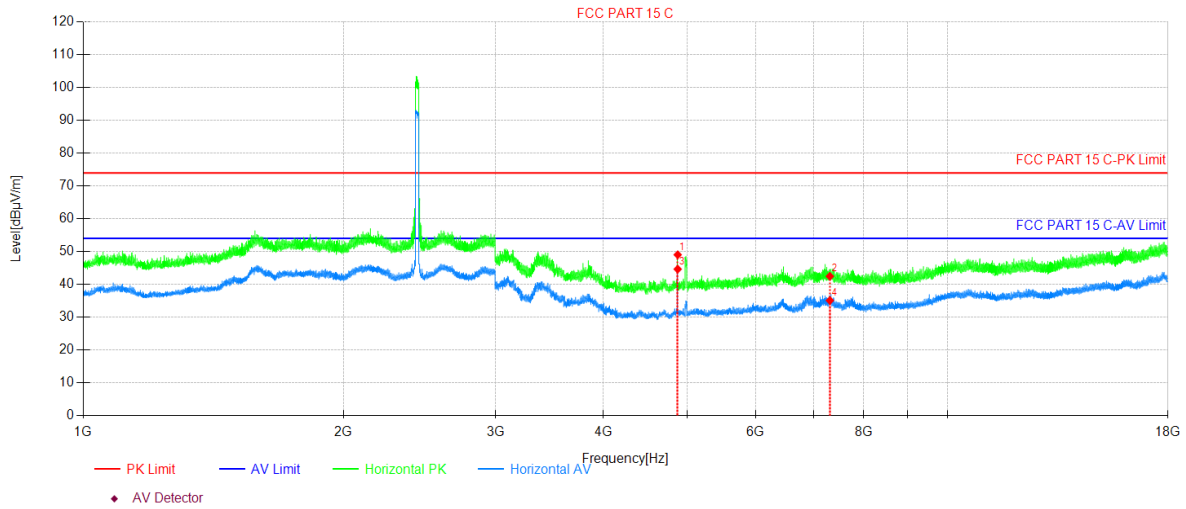
E-mail: info@uttlab.com

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IEEE 802.11n-ax20 _ Middle Channel:

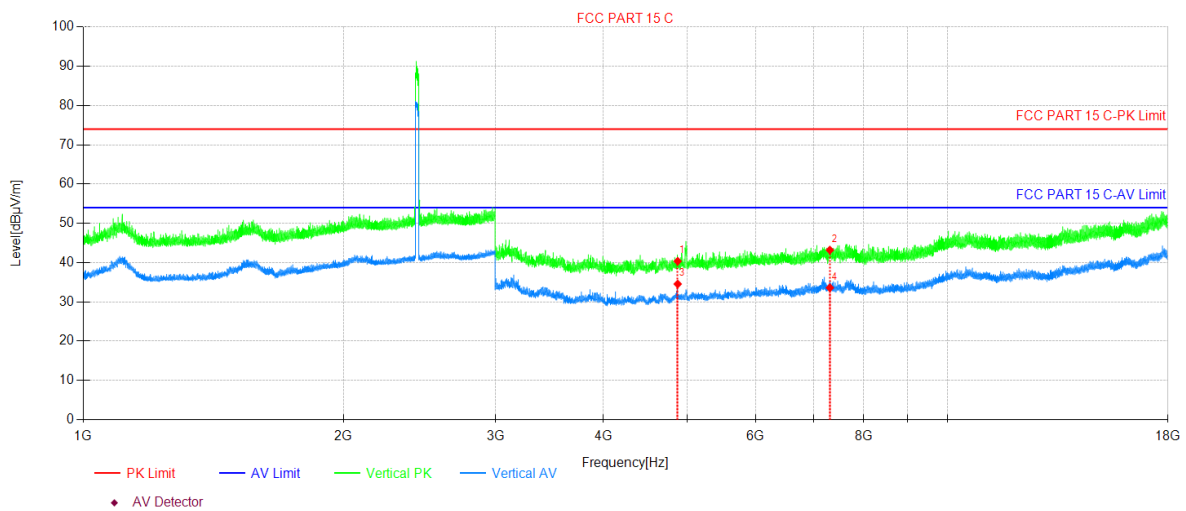
Test Graph



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	4874.3437	53.72	-4.70	49.02	74.00	24.98	150	164	PK	Horizontal	PASS
2	7311.2156	43.99	-1.53	42.46	74.00	31.54	150	164	PK	Horizontal	PASS
3	4874.3437	49.34	-4.70	44.64	54.00	9.36	150	177	AV	Horizontal	PASS
4	7311.2156	36.61	-1.53	35.08	54.00	18.92	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	4874.3437	45.06	-4.70	40.36	74.00	33.64	150	165	PK	Vertical	PASS
2	7311.2156	44.73	-1.53	43.20	74.00	30.80	150	152	PK	Vertical	PASS
3	4874.3437	39.25	-4.70	34.55	54.00	19.45	150	152	AV	Vertical	PASS
4	7311.2156	35.12	-1.53	33.59	54.00	20.41	150	152	AV	Vertical	PASS

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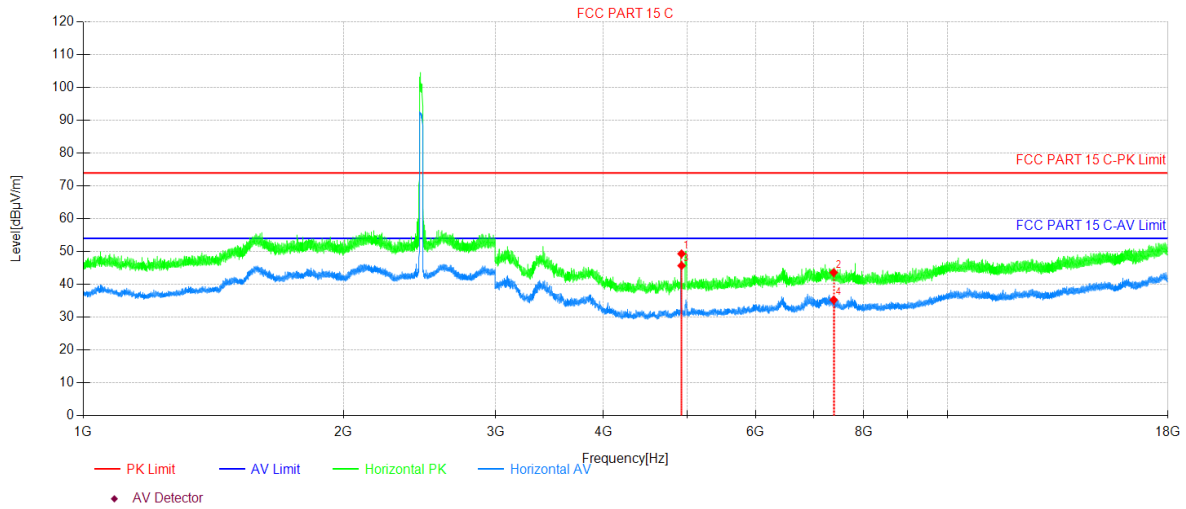
E-mail: info@uttlab.com

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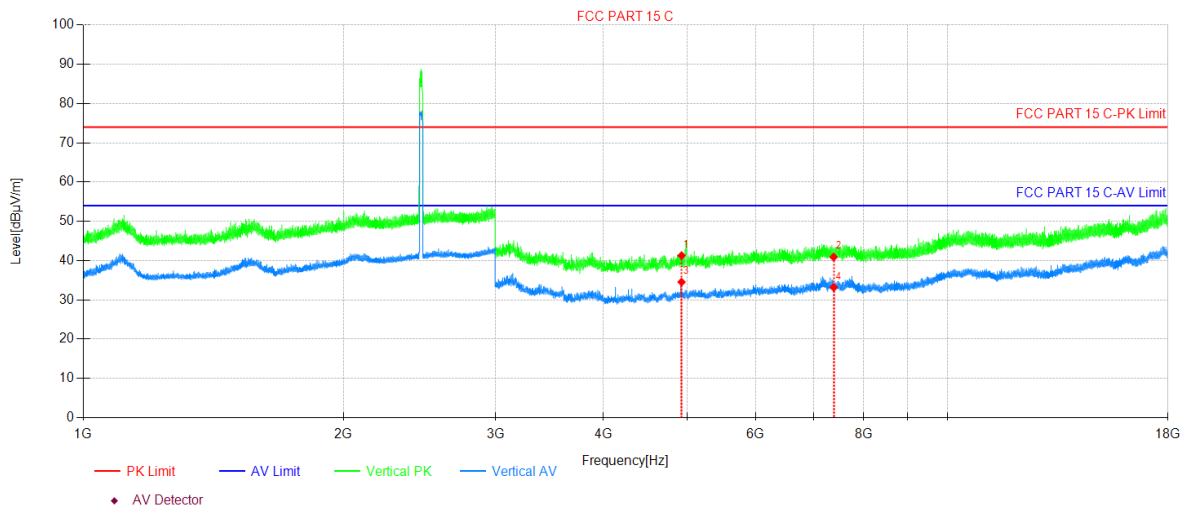
IEEE 802.11n- ax20 _ Highest Channel:

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	4923.8462	54.12	-4.79	49.33	74.00	24.67	150	180	PK	Horizontal	PASS
2	7386.2193	44.94	-1.32	43.62	74.00	30.38	150	112	PK	Horizontal	PASS
3	4924.5962	50.48	-4.79	45.69	54.00	8.31	150	178	AV	Horizontal	PASS
4	7386.2193	36.58	-1.32	35.26	54.00	18.74	150	178	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	4924.5962	46.07	-4.79	41.28	74.00	32.72	150	178	PK	Vertical	PASS
2	7386.2193	42.23	-1.32	40.91	74.00	33.09	150	112	PK	Vertical	PASS
3	4924.5962	39.33	-4.79	34.54	54.00	19.46	150	155	AV	Vertical	PASS
4	7386.2193	34.52	-1.32	33.20	54.00	20.80	150	169	AV	Vertical	PASS

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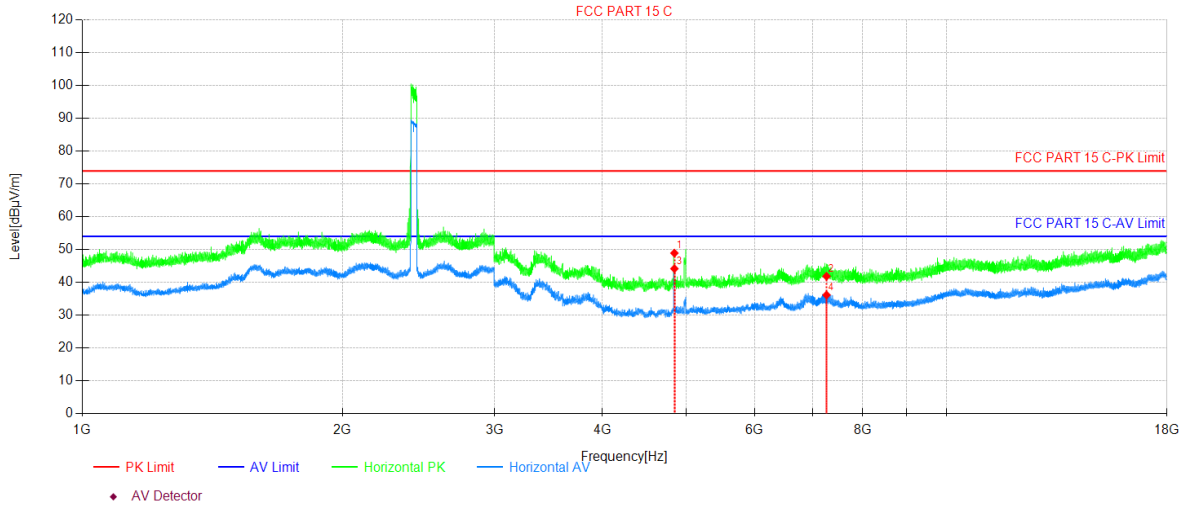
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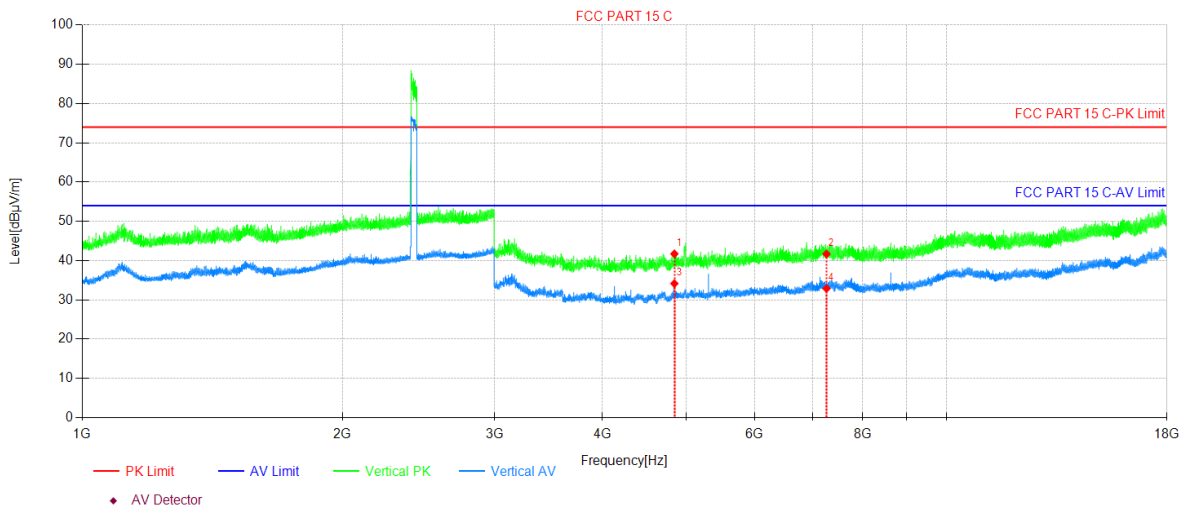
IEEE 802.11n-ax40 _ Lowest Channel:

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	4844.3422	53.58	-4.66	48.92	74.00	25.08	150	165	PK	Horizontal	PASS
2	7266.2133	43.48	-1.63	41.85	74.00	32.15	150	152	PK	Horizontal	PASS
3	4844.3422	48.83	-4.66	44.17	54.00	9.83	150	165	AV	Horizontal	PASS
4	7266.2133	37.77	-1.63	36.14	54.00	17.86	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	4844.3422	46.38	-4.66	41.72	74.00	32.28	150	44	PK	Vertical	PASS
2	7266.2133	43.32	-1.63	41.69	74.00	32.31	150	139	PK	Vertical	PASS
3	4844.3422	38.81	-4.66	34.15	54.00	19.85	150	83	AV	Vertical	PASS
4	7266.2133	34.52	-1.63	32.89	54.00	21.11	150	165	AV	Vertical	PASS

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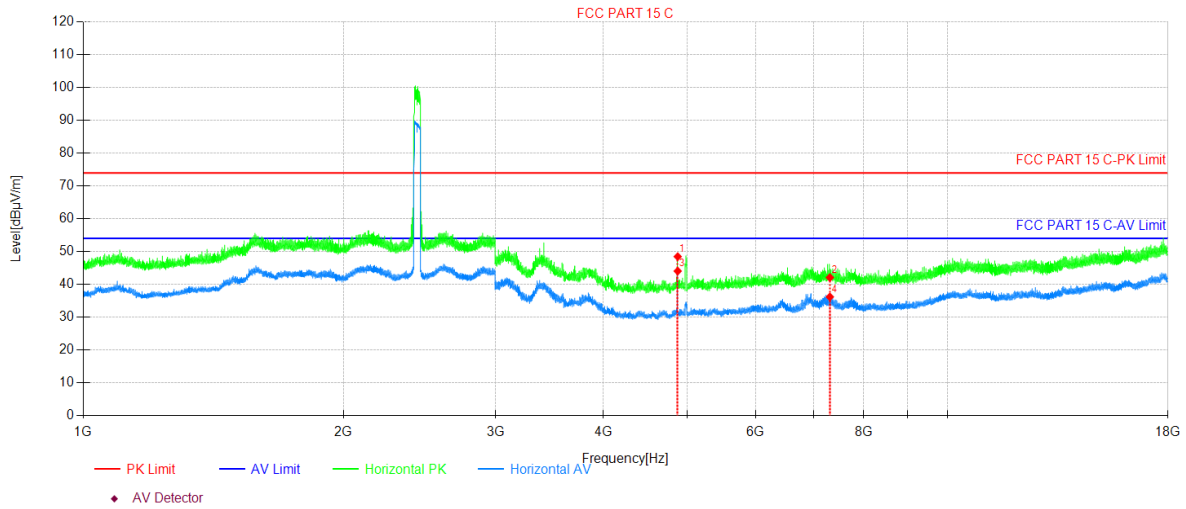
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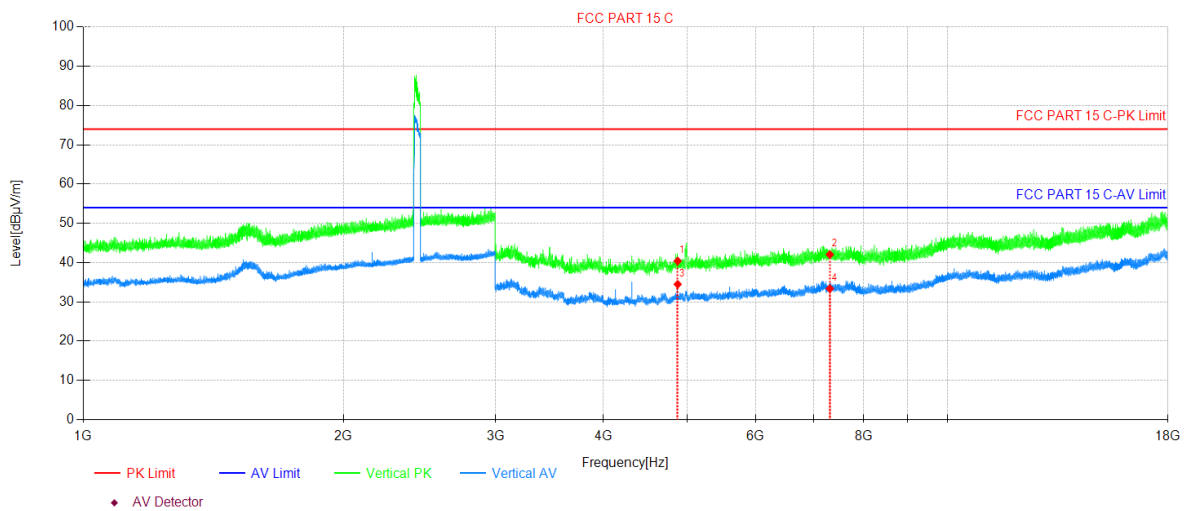
IEEE 802.11n- ax40 _ Middle Channel:

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	4874.3437	53.16	-4.70	48.46	74.00	25.54	150	177	PK	Horizontal	PASS
2	7311.2156	43.60	-1.53	42.07	74.00	31.93	150	152	PK	Horizontal	PASS
3	4874.3437	48.74	-4.70	44.04	54.00	9.96	150	177	AV	Horizontal	PASS
4	7311.2156	37.71	-1.53	36.18	54.00	17.82	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	4874.3437	45.12	-4.70	40.42	74.00	33.58	150	44	PK	Vertical	PASS
2	7311.2156	43.58	-1.53	42.05	74.00	31.95	150	99	PK	Vertical	PASS
3	4874.3437	39.18	-4.70	34.48	54.00	19.52	150	165	AV	Vertical	PASS
4	7311.2156	34.90	-1.53	33.37	54.00	20.63	150	85	AV	Vertical	PASS

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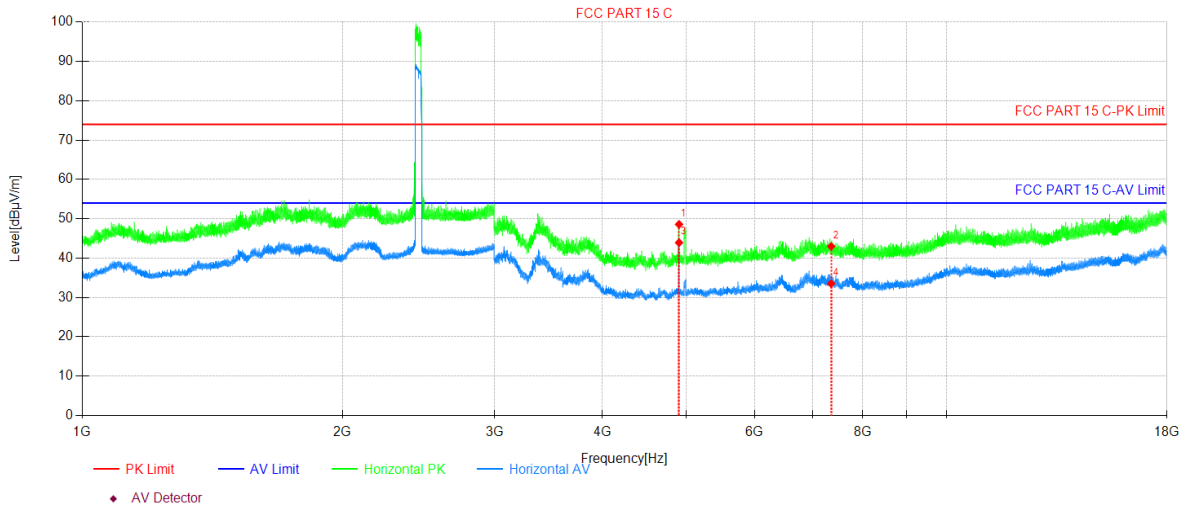
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IEEE 802.11n- ax40 _ Highest Channel:

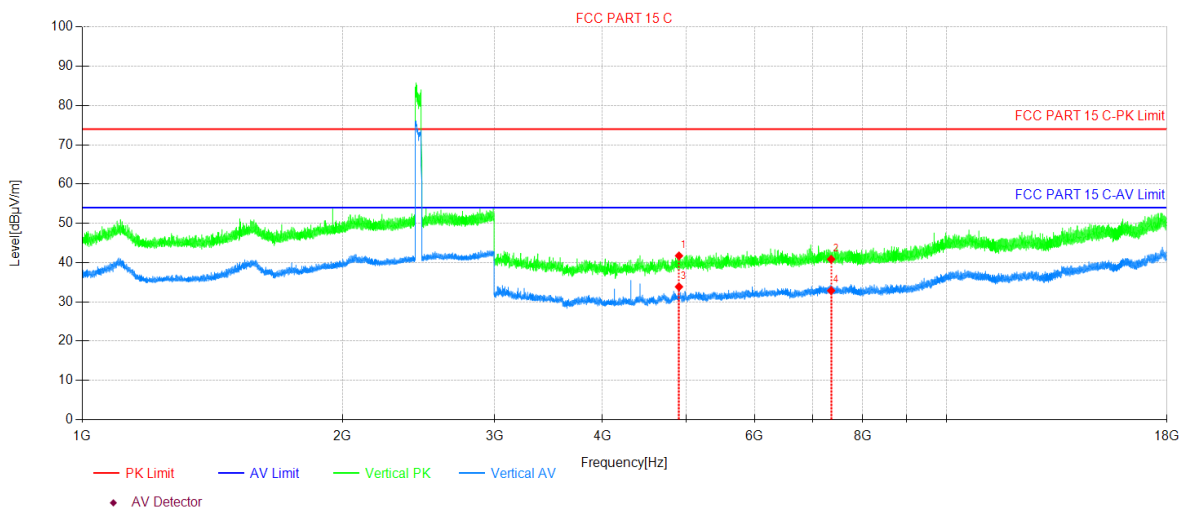
Test Graph



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	4904.3452	53.33	-4.75	48.58	74.00	25.42	150	176	PK	Horizontal	PASS
2	7356.2178	44.39	-1.40	42.99	74.00	31.01	150	91	PK	Horizontal	PASS
3	4904.3452	48.68	-4.75	43.93	54.00	10.07	150	176	AV	Horizontal	PASS
4	7356.2178	34.93	-1.40	33.53	54.00	20.47	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	4904.3452	46.48	-4.75	41.73	74.00	32.27	150	152	PK	Vertical	PASS
2	7356.2178	42.26	-1.40	40.86	74.00	33.14	150	70	PK	Vertical	PASS
3	4904.3452	38.59	-4.75	33.84	54.00	20.16	150	139	AV	Vertical	PASS
4	7356.2178	34.26	-1.40	32.86	54.00	21.14	150	56	AV	Vertical	PASS

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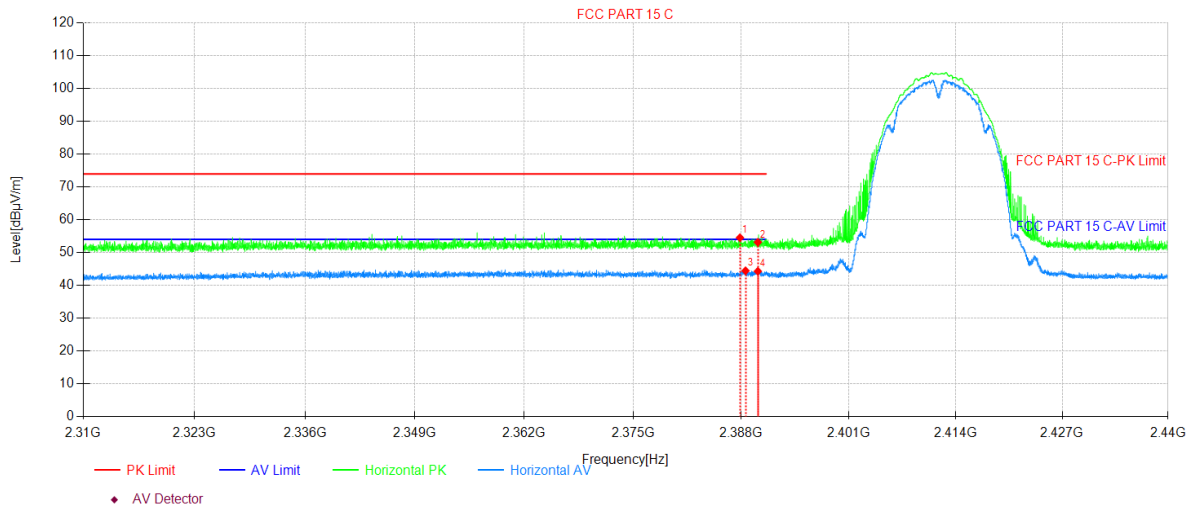
E-mail: info@uttlab.com

<http://www.uttlab.com>

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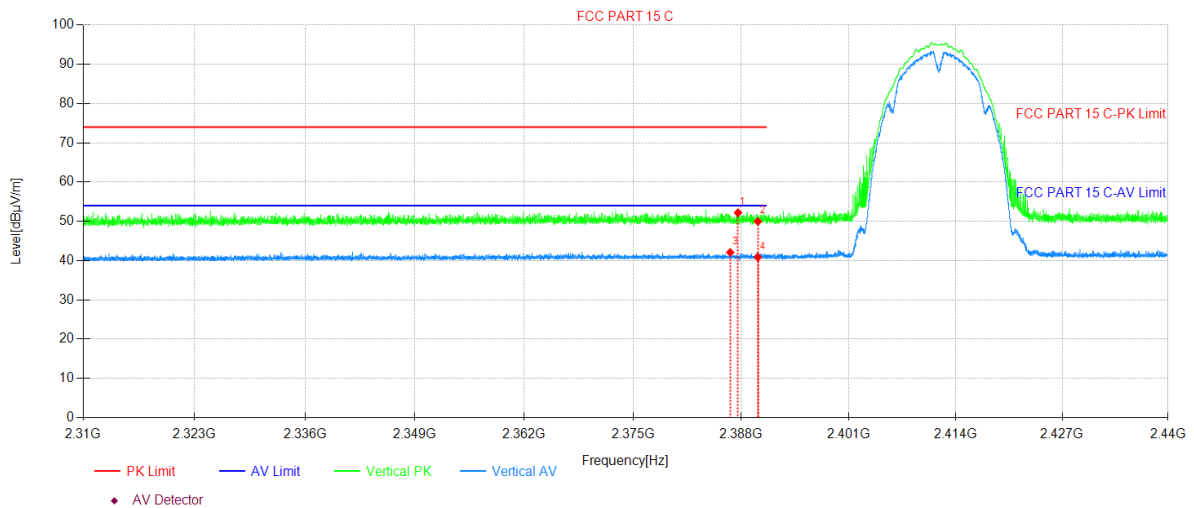
A.6 BAND EDGE MEASUREMENTS (RADIATED)

IEEE 802.11b _ 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	2387.8518	55.32	-0.80	54.52	74.00	19.48	150	148	PK	Horizontal	PASS	
2	2390.01	53.95	-0.80	53.15	74.00	20.85	150	191	PK	Horizontal	PASS	
3	2388.5279	45.24	-0.80	44.44	54.00	9.56	150	214	AV	Horizontal	PASS	
4	2390.01	45.09	-0.80	44.29	54.00	9.71	150	214	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	2387.6178	53.00	-0.80	52.20	74.00	21.80	150	152	PK	Vertical	PASS	
2	2390.01	50.77	-0.80	49.97	74.00	24.03	150	109	PK	Vertical	PASS	
3	2386.6817	42.90	-0.81	42.09	54.00	11.91	150	152	AV	Vertical	PASS	
4	2390.01	41.68	-0.80	40.88	54.00	13.12	150	141	AV	Vertical	PASS	

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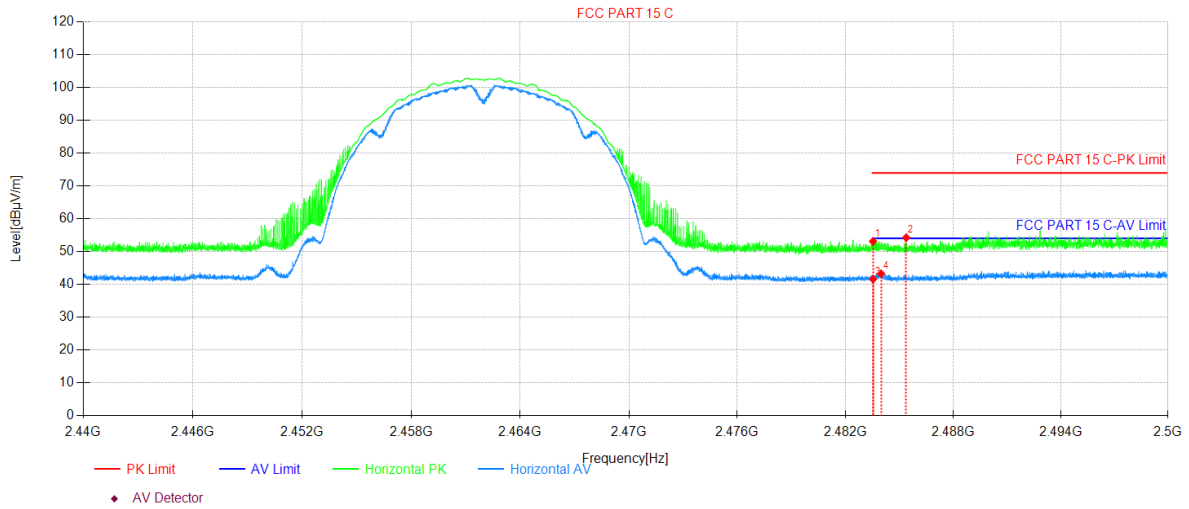
E-mail: info@uttlab.com

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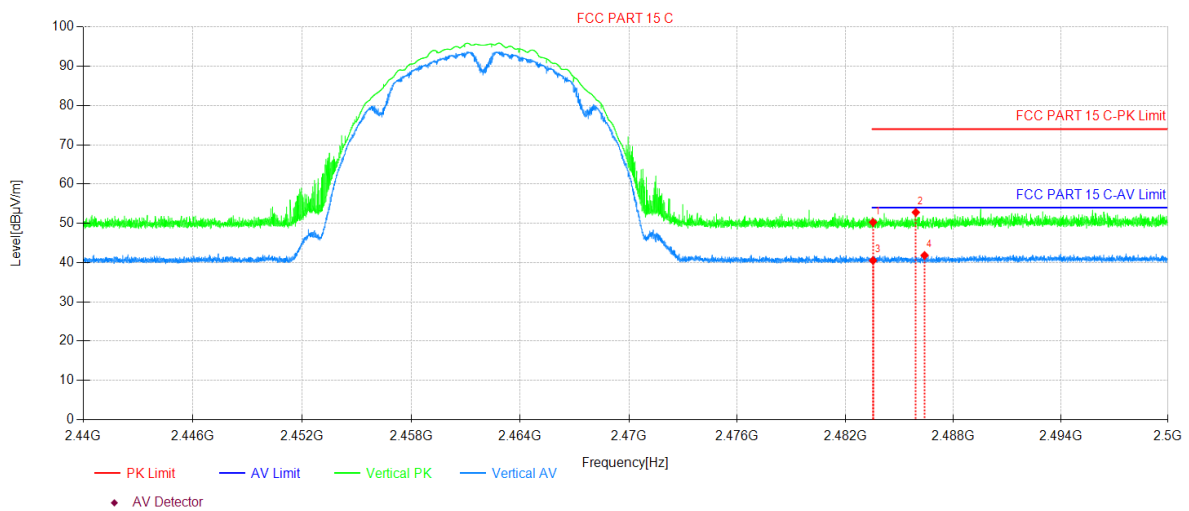
IEEE 802.11b _ Highest Channel:

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	2483.5404	53.41	-0.29	53.12	74.00	20.88	150	194	PK	Horizontal	PASS
2	2485.3885	54.52	-0.27	54.25	74.00	19.75	150	194	PK	Horizontal	PASS
3	2483.5404	41.89	-0.29	41.60	54.00	12.40	150	102	AV	Horizontal	PASS
4	2483.9844	43.53	-0.28	43.25	54.00	10.75	150	184	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	2483.5404	50.58	-0.29	50.29	74.00	23.71	150	199	PK	Vertical	PASS
2	2485.9226	53.07	-0.27	52.80	74.00	21.20	150	76	PK	Vertical	PASS
3	2483.5404	40.83	-0.29	40.54	54.00	13.46	150	132	AV	Vertical	PASS
4	2486.4086	42.10	-0.26	41.84	54.00	12.16	150	175	AV	Vertical	PASS

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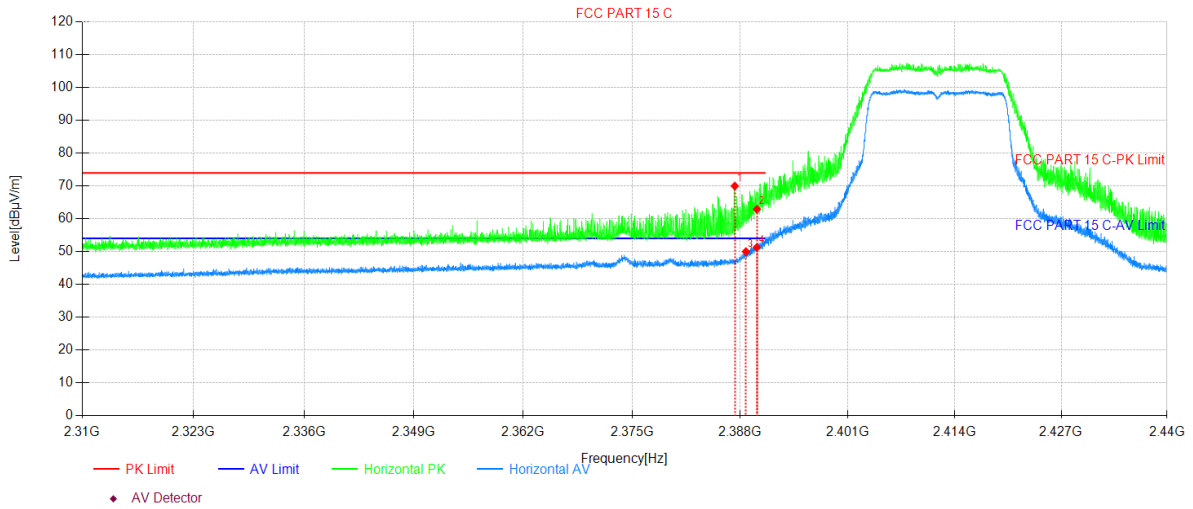
E-mail: info@uttlab.com

<http://www.uttlab.com>

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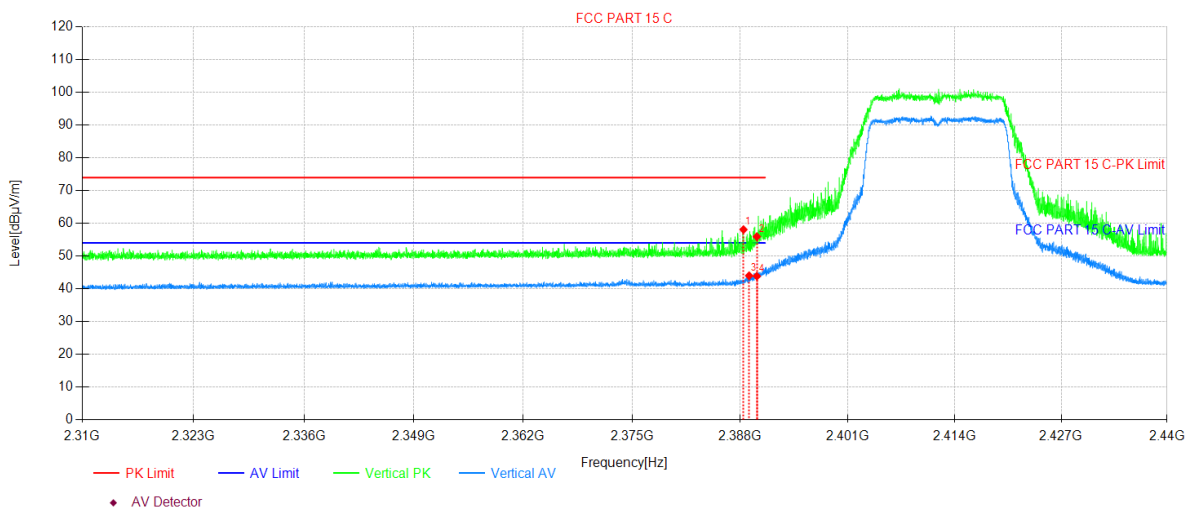
IEEE 802.11g _ Lowest Channel:

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	2387.3447	70.79	-0.80	69.99	74.00	4.01	150	182	PK	Horizontal	PASS
2	2390.01	63.72	-0.80	62.92	74.00	11.08	150	216	PK	Horizontal	PASS
3	2388.6969	50.79	-0.80	49.99	54.00	4.01	150	205	AV	Horizontal	PASS
4	2390.01	52.05	-0.80	51.25	54.00	2.75	150	192	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	2388.3978	58.89	-0.80	58.09	74.00	15.91	150	90	PK	Vertical	PASS
2	2390.01	56.74	-0.80	55.94	74.00	18.06	150	90	PK	Vertical	PASS
3	2389.0739	44.79	-0.80	43.99	54.00	10.01	150	90	AV	Vertical	PASS
4	2390.01	44.65	-0.80	43.85	54.00	10.15	150	328	AV	Vertical	PASS

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