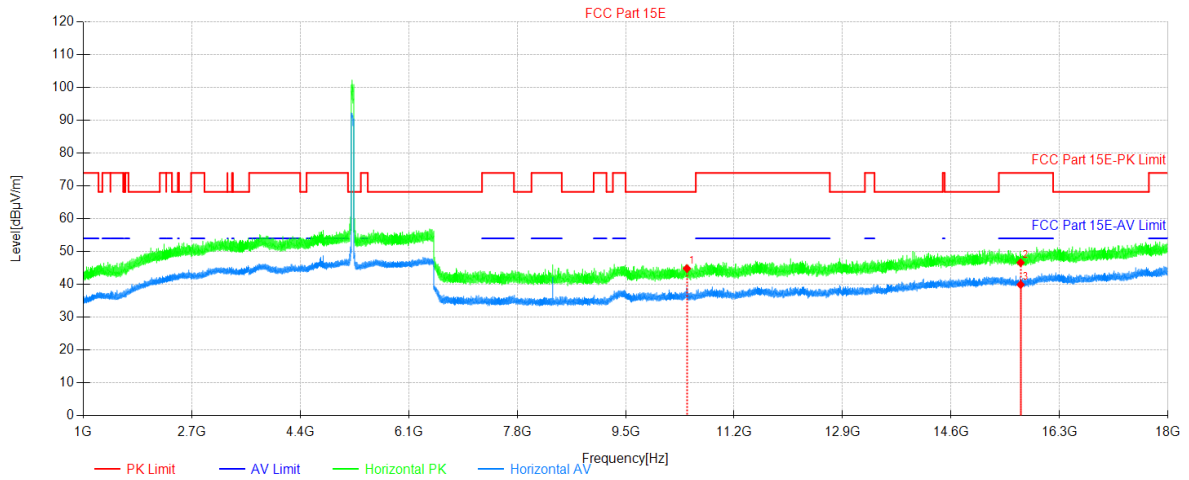


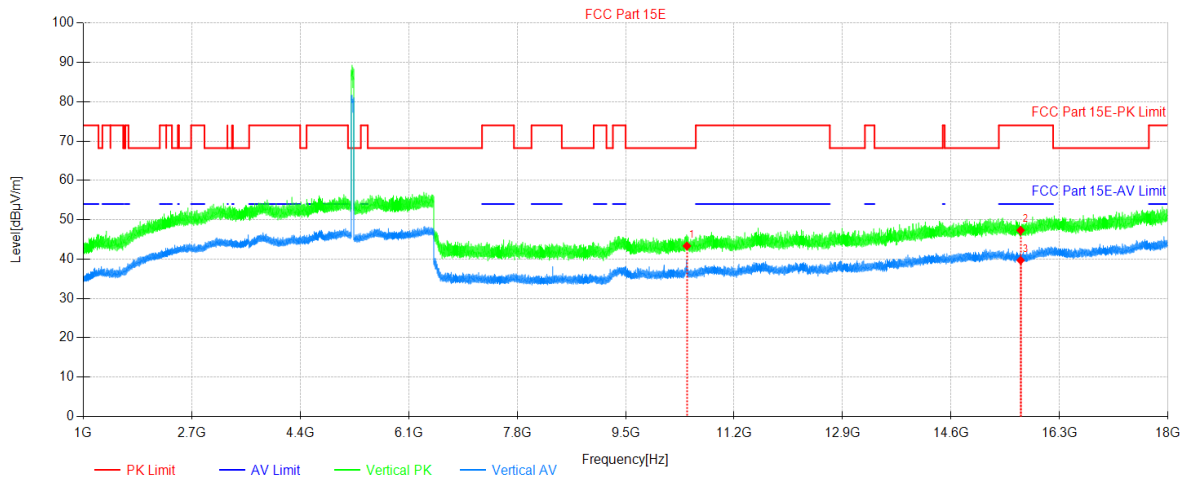
IEEE 802.11n- ax40\_ Channel 46

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	10460.3487	44.39	0.44	44.83	68.20	23.37	150	159	PK	Horizontal	PASS
2	15690.3397	41.25	5.36	46.61	74.00	27.39	150	29	PK	Horizontal	PASS
3	15690.3397	34.54	5.36	39.90	54.00	14.10	150	70	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	10460.3487	42.90	0.44	43.34	68.20	24.86	150	180	PK	Vertical	PASS
2	15690.3397	41.97	5.36	47.33	74.00	26.67	150	180	PK	Vertical	PASS
3	15690.3397	34.33	5.36	39.69	54.00	14.31	150	27	AV	Vertical	PASS

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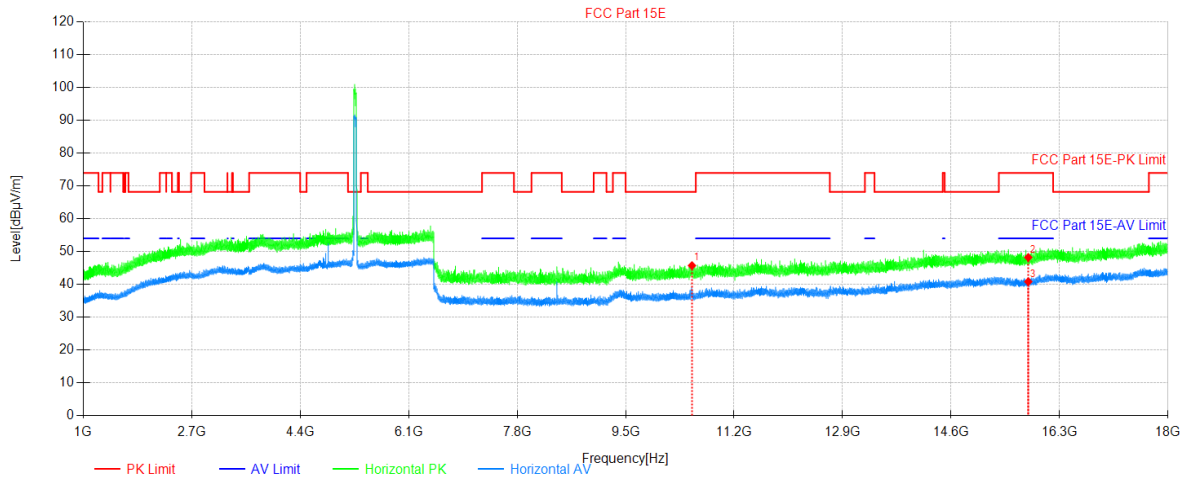
E-mail: info@uttlab.com

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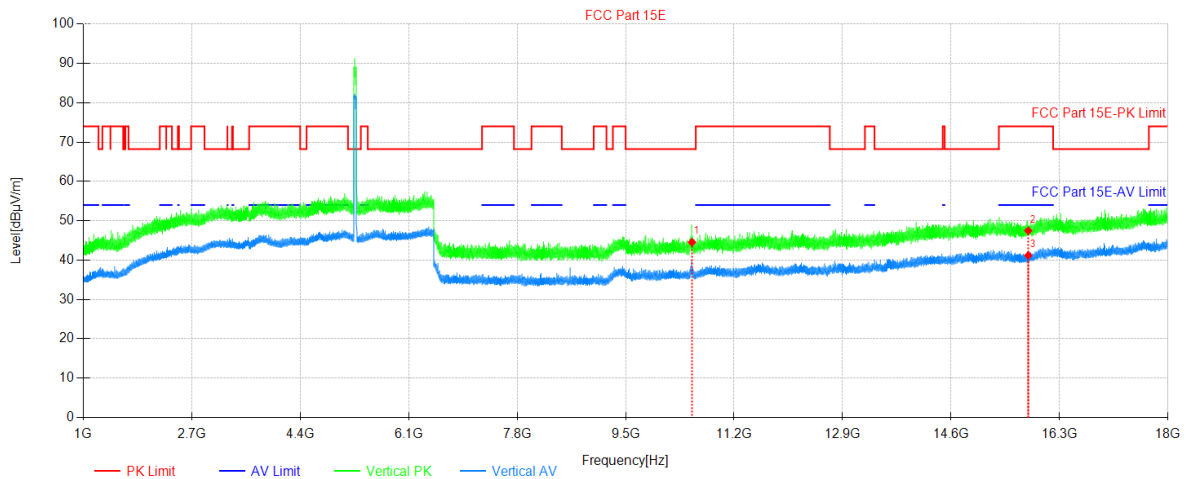
IEEE 802.11n- ax40\_ Channel 54

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	10540.0847	45.15	0.58	45.73	68.20	22.47	150	173	PK	Horizontal	PASS
2	15810.327	42.90	5.32	48.22	74.00	25.78	150	96	PK	Horizontal	PASS
3	15810.327	35.50	5.32	40.82	54.00	13.18	150	16	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	10540.0847	43.97	0.58	44.55	68.20	23.65	150	165	PK	Vertical	PASS
2	15810.327	42.15	5.32	47.47	74.00	26.53	150	47	PK	Vertical	PASS
3	15810.327	35.87	5.32	41.19	54.00	12.81	150	47	AV	Vertical	PASS

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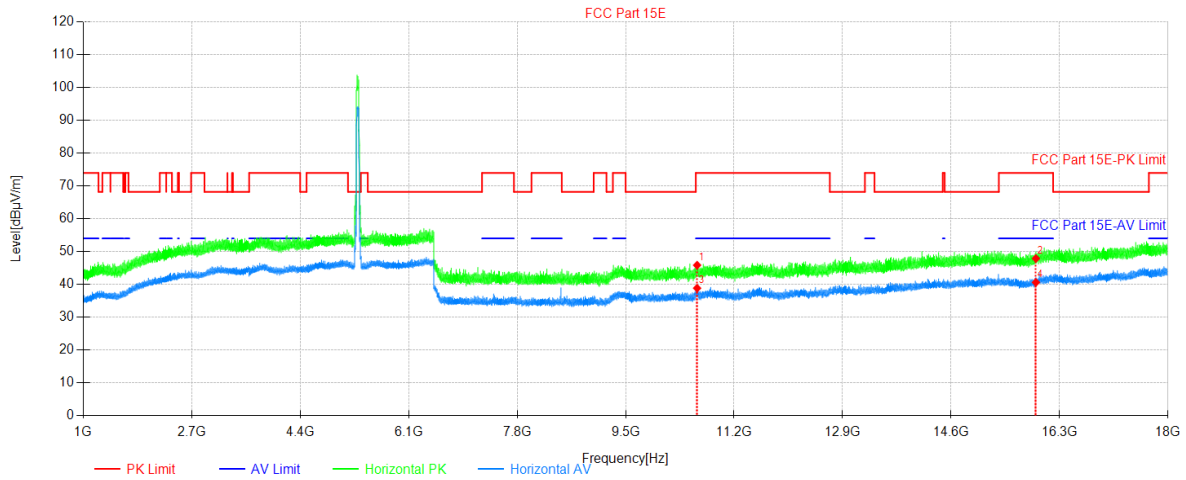
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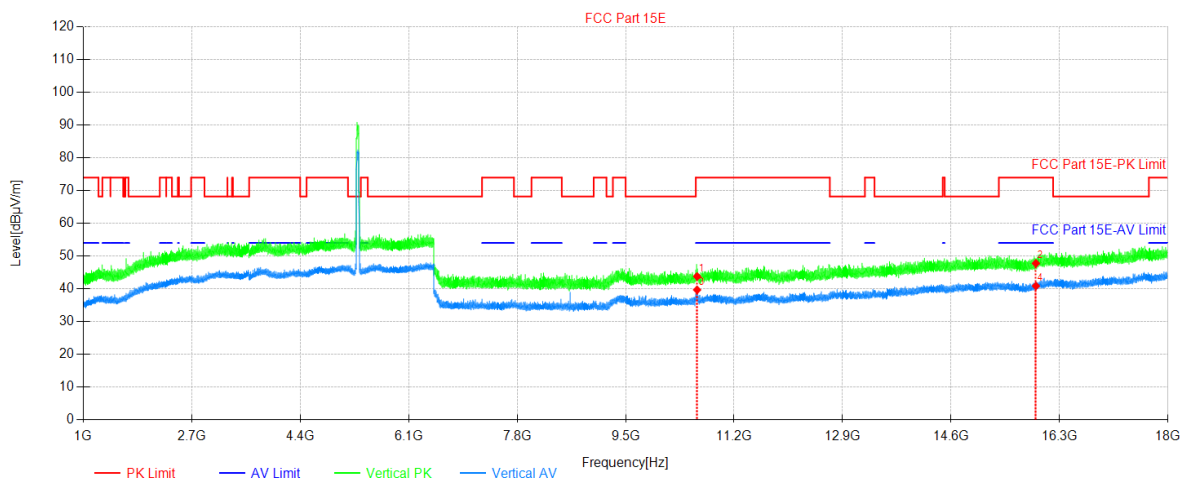
IEEE 802.11n- ax40\_ Channel 62

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	10620.204	45.09	0.76	45.85	74.00	28.15	150	143	PK	Horizontal	PASS
2	15930.3143	41.91	5.98	47.89	74.00	26.11	150	143	PK	Horizontal	PASS
3	10620.204	38.08	0.76	38.84	54.00	15.16	150	177	AV	Horizontal	PASS
4	15930.3143	34.61	5.98	40.59	54.00	13.41	150	143	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	10620.204	43.01	0.76	43.77	74.00	30.23	150	125	PK	Vertical	PASS
2	15930.3143	41.79	5.98	47.77	74.00	26.23	150	53	PK	Vertical	PASS
3	10620.204	38.91	0.76	39.67	54.00	14.33	150	177	AV	Vertical	PASS
4	15930.3143	34.89	5.98	40.87	54.00	13.13	150	125	AV	Vertical	PASS

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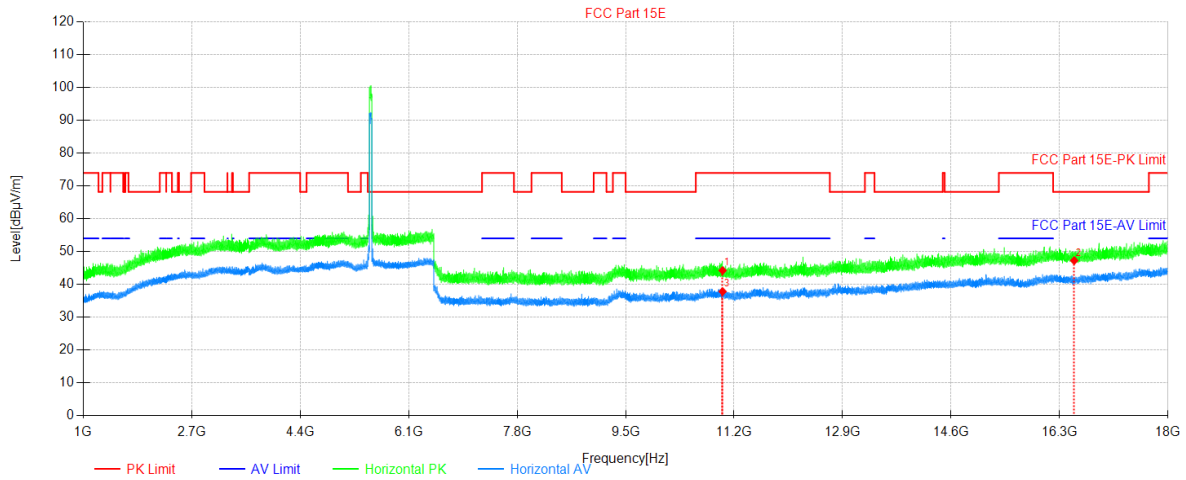
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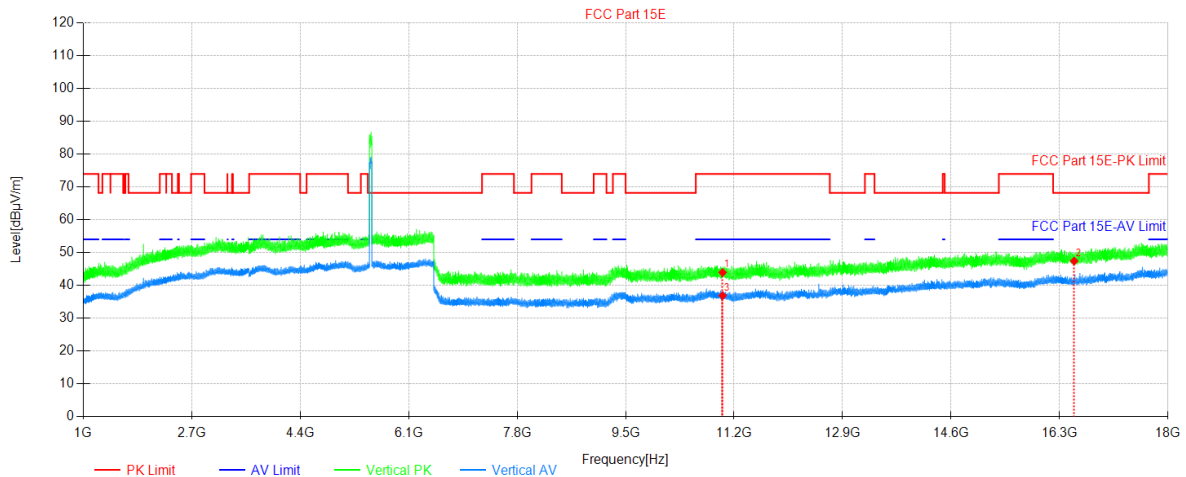
IEEE 802.11n- ax40\_ Channel 102

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	11020.034	42.87	1.35	44.22	74.00	29.78	150	180	PK	Horizontal	PASS
2	16530.251	40.66	6.58	47.24	68.20	20.96	150	54	PK	Horizontal	PASS
3	11020.034	36.46	1.35	37.81	54.00	16.19	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	11020.034	42.58	1.35	43.93	74.00	30.07	150	180	PK	Vertical	PASS
2	16530.251	40.83	6.58	47.41	68.20	20.79	150	37	PK	Vertical	PASS
3	11020.034	35.53	1.35	36.88	54.00	17.12	150	3	AV	Vertical	PASS

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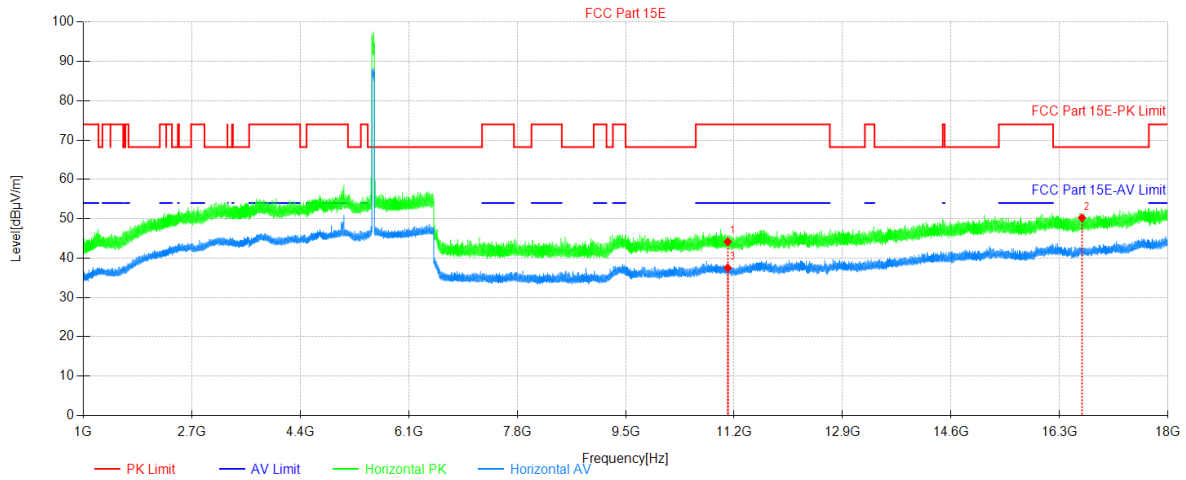
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IEEE 802.11n- ax40\_ Channel 110

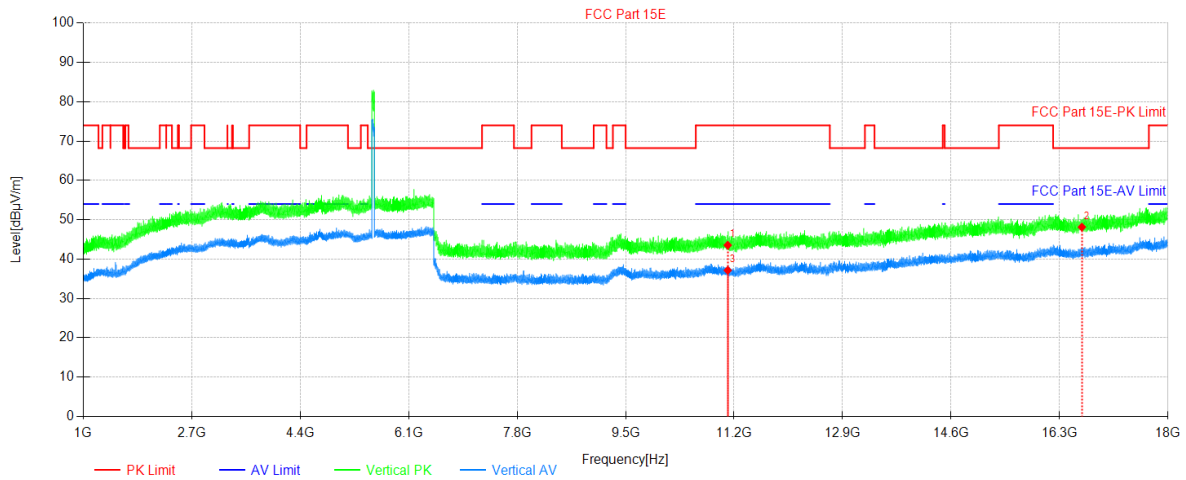
Test Graph



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	11100.1533	42.93	1.24	44.17	74.00	29.83	150	153	PK	Horizontal	PASS
2	16650.2383	43.51	6.74	50.25	68.20	17.95	150	165	PK	Horizontal	PASS
3	11100.1533	36.28	1.24	37.52	54.00	16.48	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	11100.1533	42.30	1.24	43.54	74.00	30.46	150	138	PK	Vertical	PASS
2	16650.2383	41.40	6.74	48.14	68.20	20.06	150	32	PK	Vertical	PASS
3	11100.1533	35.92	1.24	37.16	54.00	16.84	150	44	AV	Vertical	PASS

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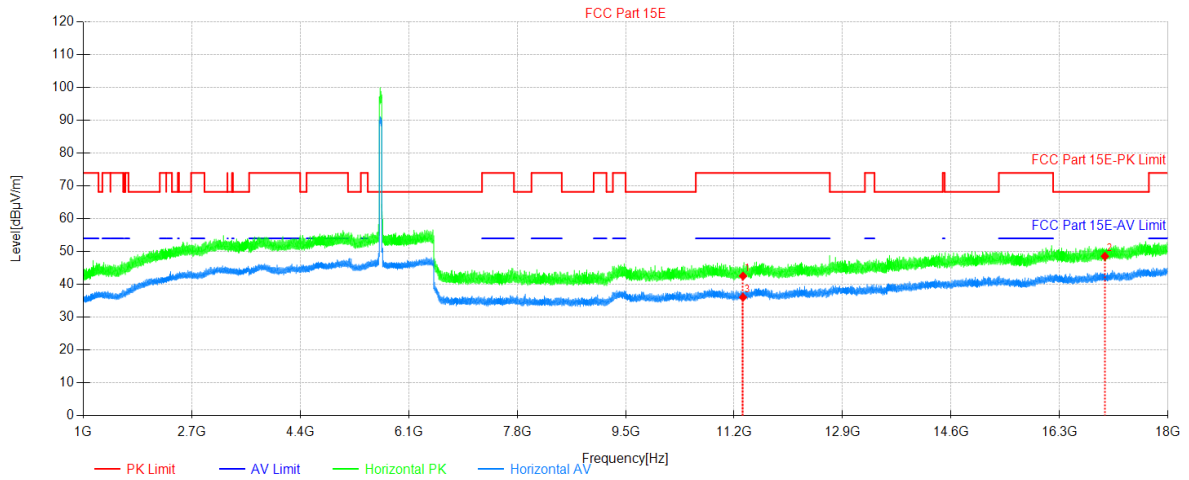
E-mail: info@uttlab.com

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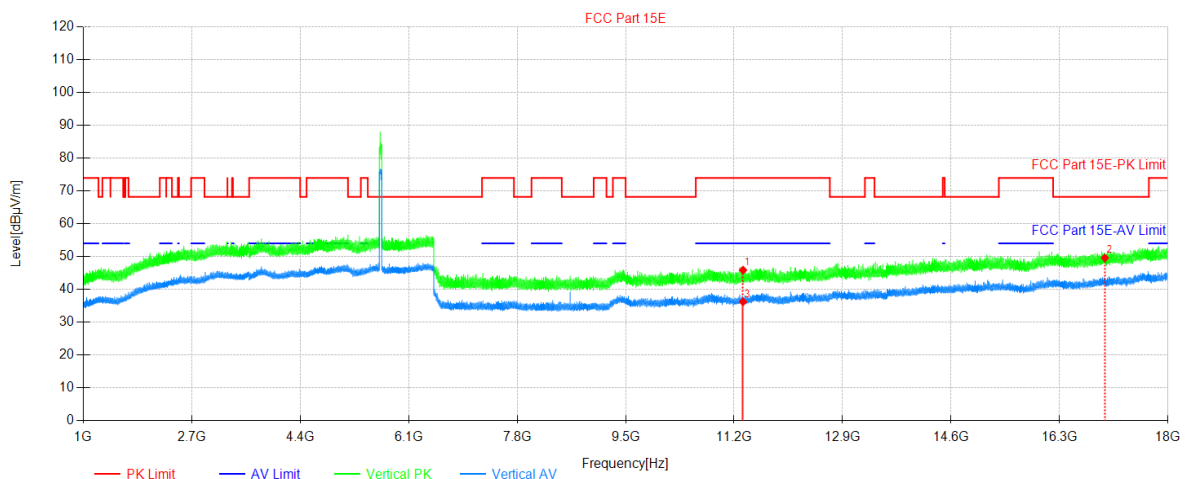
IEEE 802.11n- ax40\_ Channel 134

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	11340.128	41.03	1.51	42.54	74.00	31.46	150	0	PK	Horizontal	PASS
2	17010.2003	40.22	8.35	48.57	68.20	19.63	150	91	PK	Horizontal	PASS
3	11340.128	34.53	1.51	36.04	54.00	17.96	150	54	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	11340.128	44.36	1.51	45.87	74.00	28.13	150	69	PK	Vertical	PASS
2	17010.2003	41.25	8.35	49.60	68.20	18.60	150	69	PK	Vertical	PASS
3	11340.128	34.68	1.51	36.19	54.00	17.81	150	33	AV	Vertical	PASS

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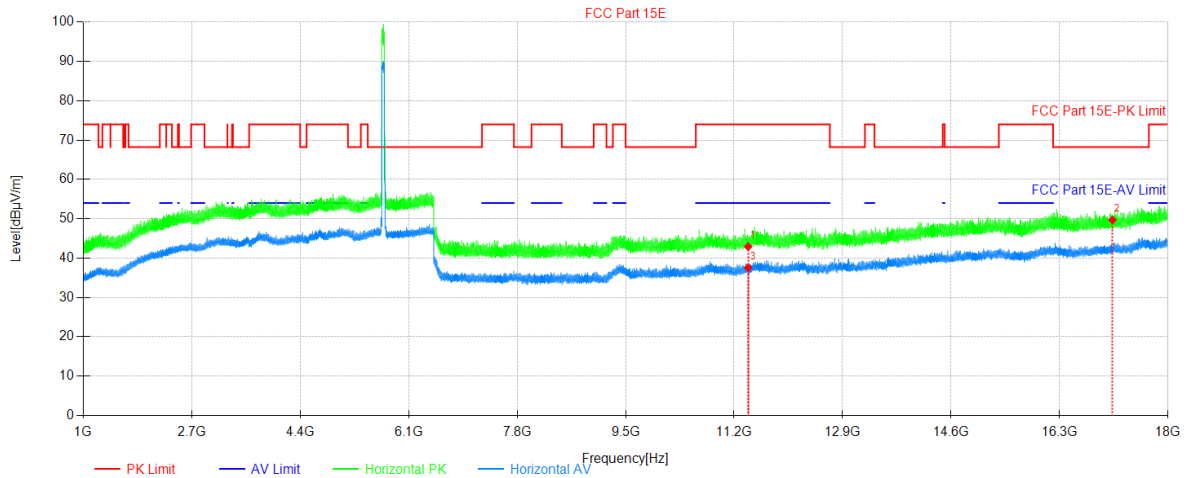
E-mail: info@uttlab.com

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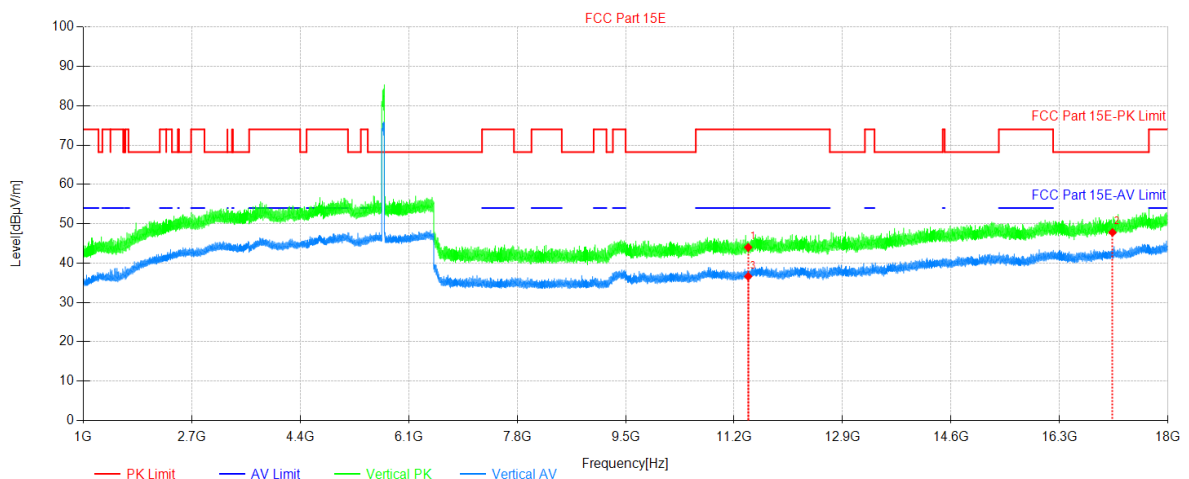
IEEE 802.11n- ax40\_ Channel 142

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	11420.2473	41.12	1.80	42.92	74.00	31.08	150	21	PK	Horizontal	PASS
2	17130.1877	41.06	8.65	49.71	68.20	18.49	150	21	PK	Horizontal	PASS
3	11420.2473	35.78	1.80	37.58	54.00	16.42	150	98	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	11420.2473	42.21	1.80	44.01	74.00	29.99	150	109	PK	Vertical	PASS
2	17130.1877	39.15	8.65	47.80	68.20	20.40	150	70	PK	Vertical	PASS
3	11420.2473	34.81	1.80	36.61	54.00	17.39	150	109	AV	Vertical	PASS

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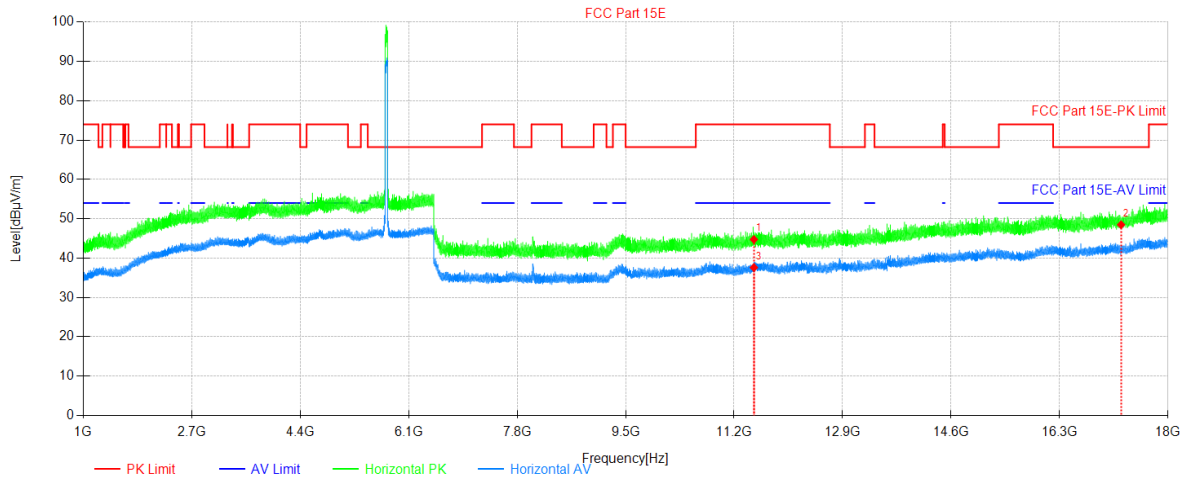
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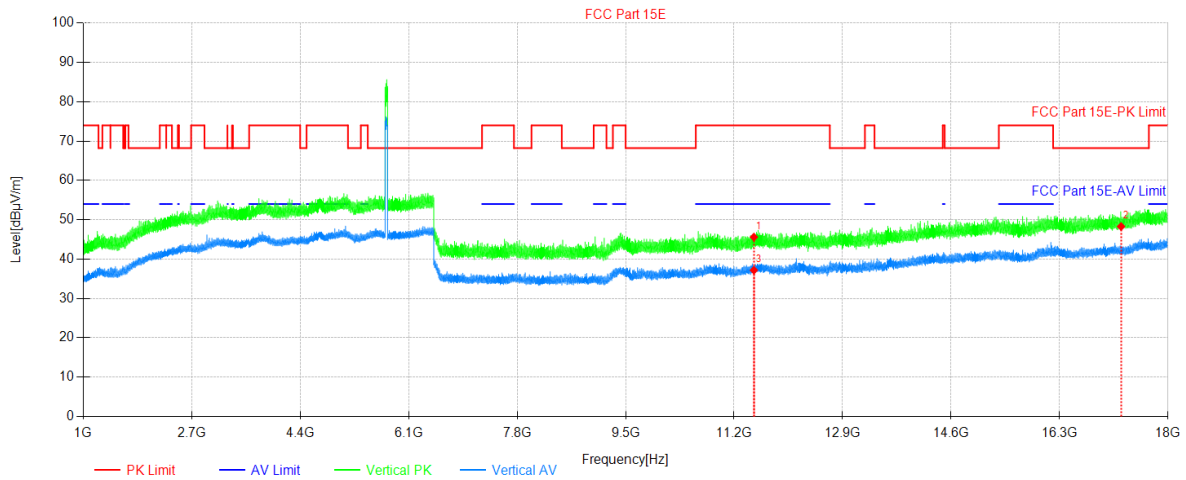
IEEE 802.11n- ax40\_ Channel 151

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	11510.3337	42.65	2.10	44.75	74.00	29.25	150	42	PK	Horizontal	PASS
2	17265.1255	39.60	8.89	48.49	68.20	19.71	150	164	PK	Horizontal	PASS
3	11510.3337	35.50	2.10	37.60	54.00	16.40	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	11510.3337	43.50	2.10	45.60	74.00	28.40	150	0	PK	Vertical	PASS
2	17265.1255	39.40	8.89	48.29	68.20	19.91	150	58	PK	Vertical	PASS
3	11510.3337	35.08	2.10	37.18	54.00	16.82	150	85	AV	Vertical	PASS

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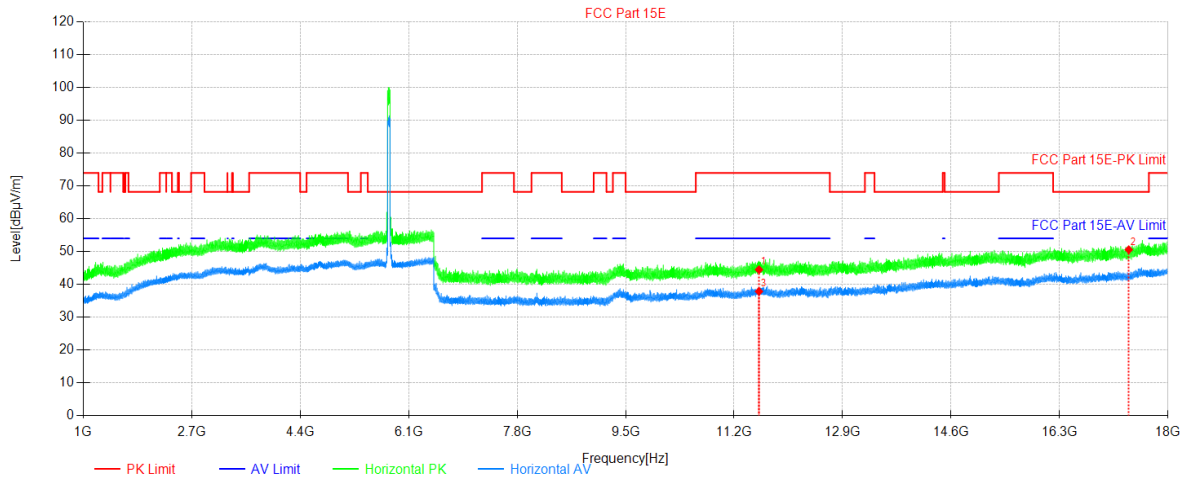
<http://www.uttlab.com>

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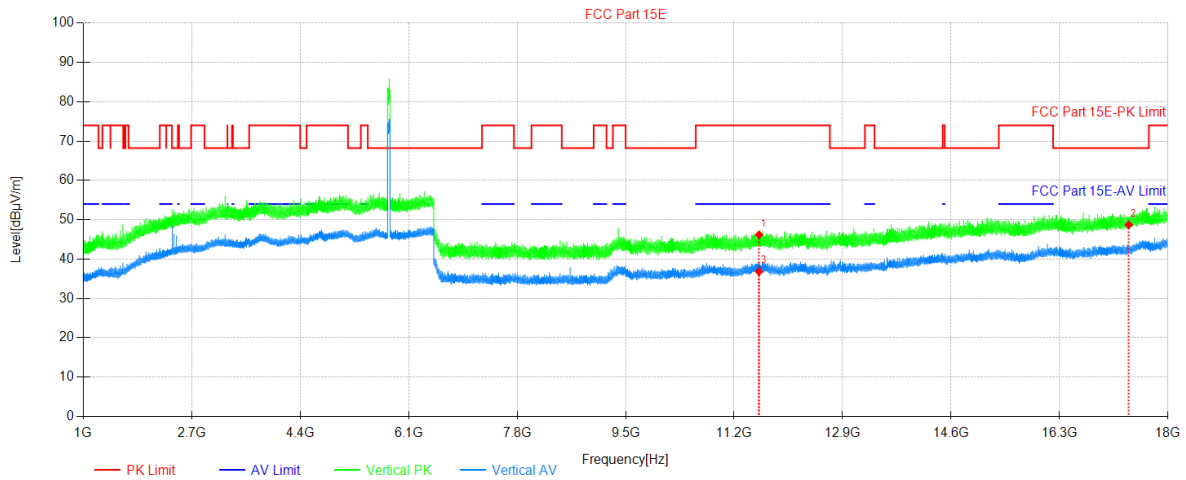
IEEE 802.11n- ax40\_ Channel 159

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	11590.0697	42.04	2.43	44.47	74.00	29.53	150	177	PK	Horizontal	PASS
2	17385.1128	41.54	9.03	50.57	68.20	17.63	150	22	PK	Horizontal	PASS
3	11590.0697	35.41	2.43	37.84	54.00	16.16	150	87	AV	Horizontal	PASS

Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict
1	11590.0697	43.74	2.43	46.17	74.00	27.83	150	8	PK	Vertical	PASS
2	17385.1128	39.70	9.03	48.73	68.20	19.47	150	51	PK	Vertical	PASS
3	11590.0697	34.41	2.43	36.84	54.00	17.16	150	110	AV	Vertical	PASS

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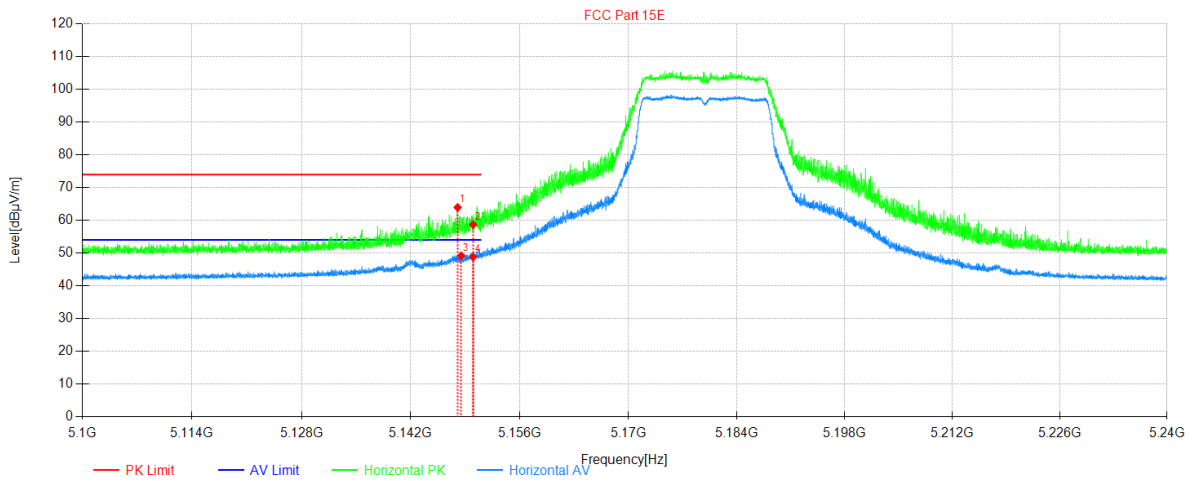
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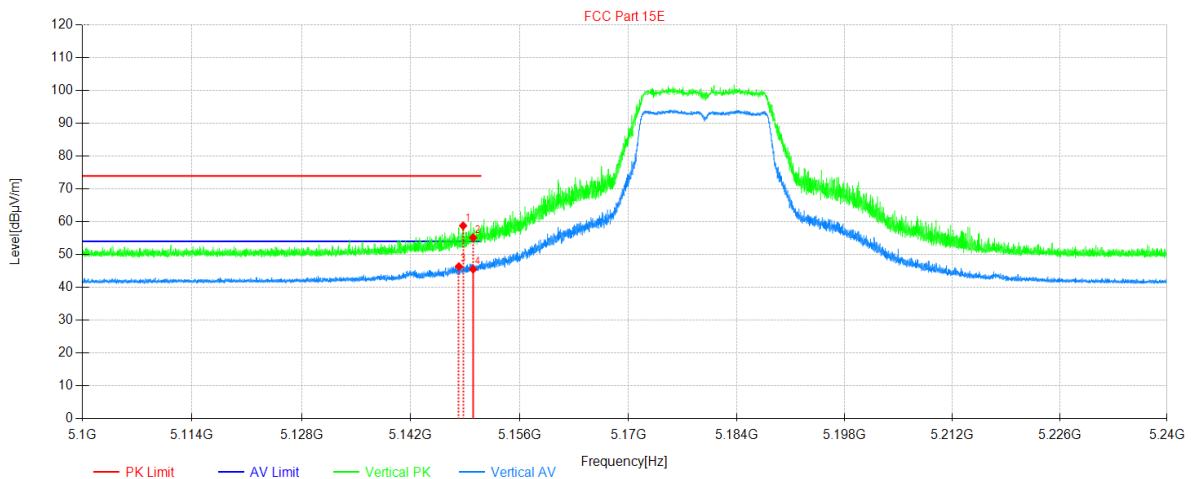
**Band Edge Measurements (Radiated)::**

**IEEE 802.11a\_ Channel 36**  
**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	5148.0248	58.95	5.01	63.96	74.00	10.04	150	192	PK	Horizontal	PASS	
2	5150.013	53.69	5.01	58.70	74.00	15.30	150	183	PK	Horizontal	PASS	
3	5148.5008	44.20	5.01	49.21	54.00	4.79	150	226	AV	Horizontal	PASS	
4	5150.013	43.83	5.01	48.84	54.00	5.16	150	236	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	5148.7249	53.78	5.01	58.79	74.00	15.21	150	284	PK	Vertical	PASS	
2	5150.013	50.12	5.01	55.13	74.00	18.87	150	268	PK	Vertical	PASS	
3	5148.1788	41.35	5.01	46.36	54.00	7.64	150	276	AV	Vertical	PASS	
4	5150.013	40.51	5.01	45.52	54.00	8.48	150	284	AV	Vertical	PASS	

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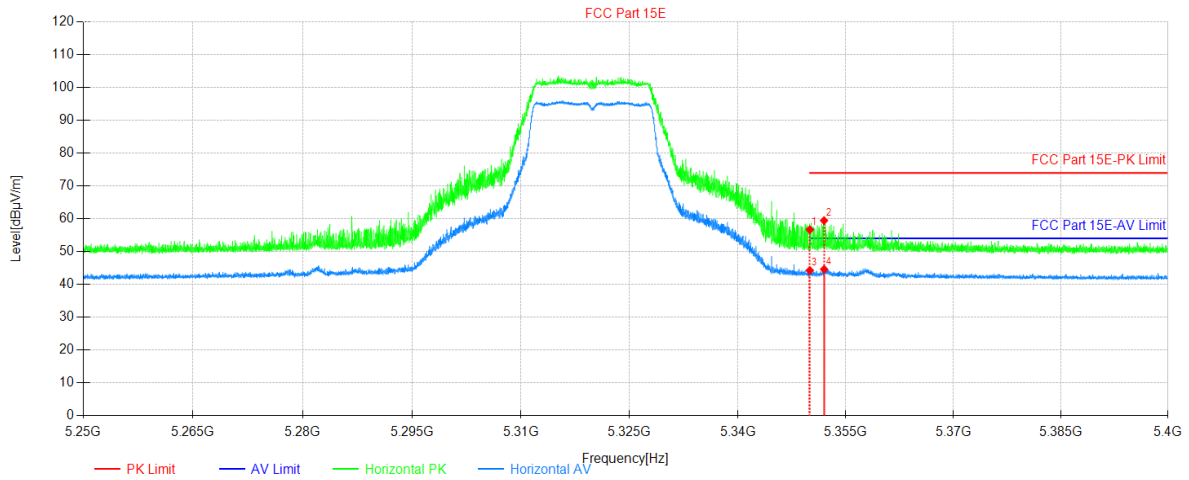
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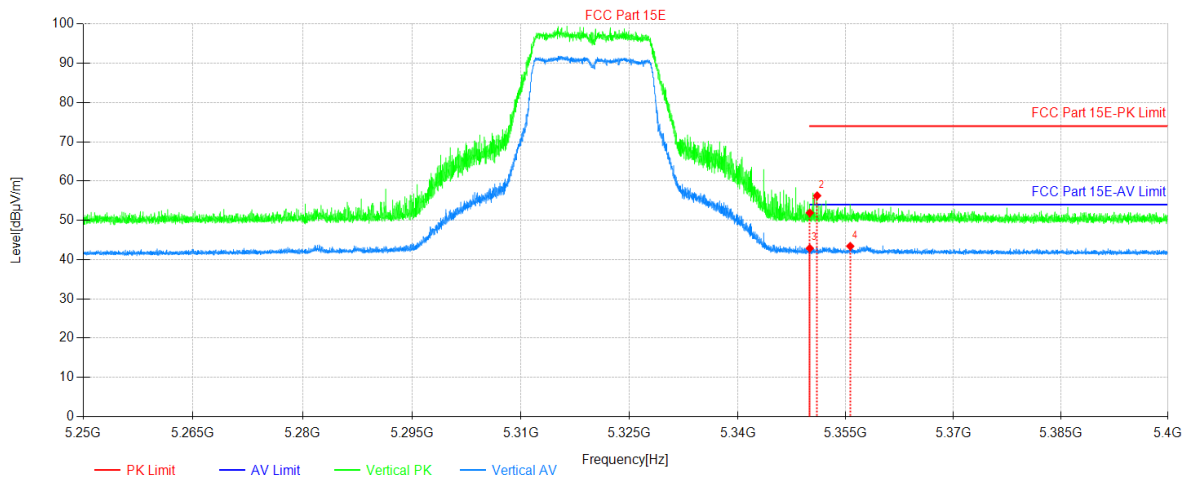
IEEE 802.11a\_Channel 64

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	5350	51.55	5.15	56.70	74.00	17.30	150	276	PK	Horizontal	PASS	
2	5351.9802	54.31	5.15	59.46	74.00	14.54	150	188	PK	Horizontal	PASS	
3	5350	39.10	5.15	44.25	54.00	9.75	150	233	AV	Horizontal	PASS	
4	5351.9952	39.44	5.15	44.59	54.00	9.41	150	188	AV	Horizontal	PASS	

Test Graph



Data List												
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Verdict	
1	5350	46.76	5.15	51.91	74.00	22.09	150	357	PK	Vertical	PASS	
2	5351.0201	51.13	5.15	56.28	74.00	17.72	150	341	PK	Vertical	PASS	
3	5350	37.73	5.15	42.88	54.00	11.12	150	349	AV	Vertical	PASS	
4	5355.6256	38.28	5.14	43.42	54.00	10.58	150	0	AV	Vertical	PASS	

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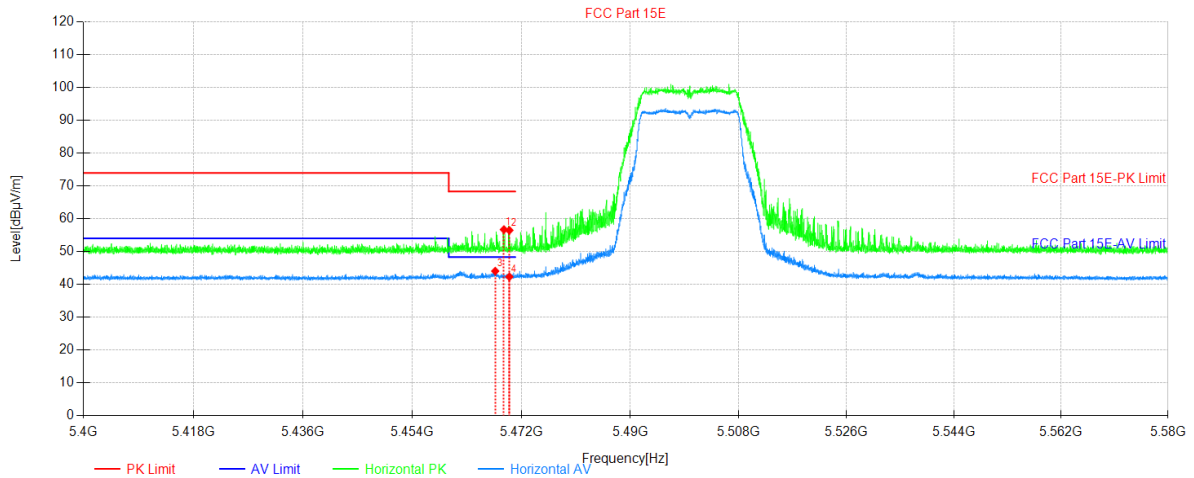
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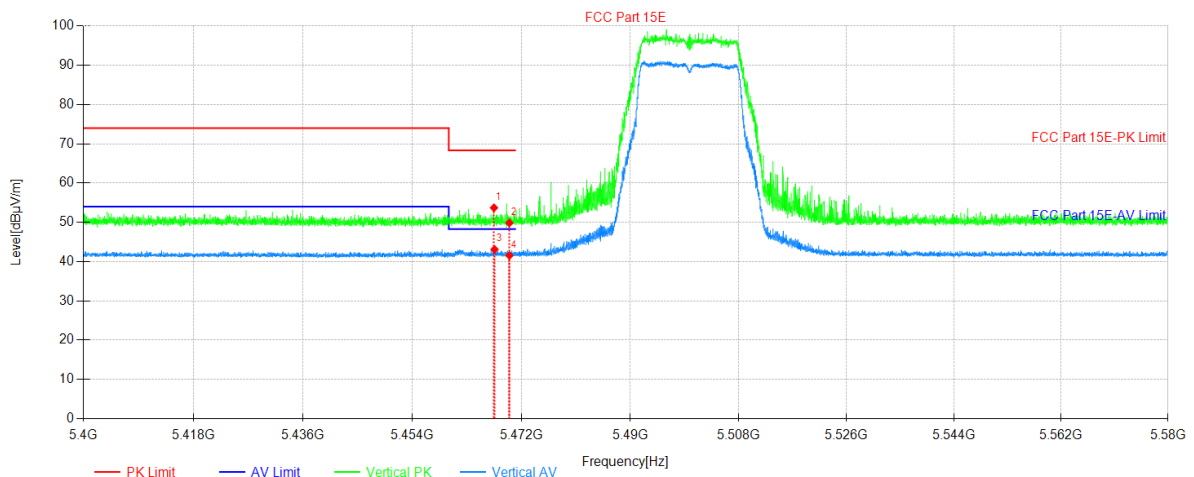
IEEE 802.11a\_Channel 100

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	5469.1089	51.67	5.04	56.71	68.30	11.59	150	177	PK	Horizontal	PASS
2	5470.009	51.44	5.04	56.48	68.30	11.82	150	219	PK	Horizontal	PASS
3	5467.6688	39.00	5.04	44.04	48.30	4.26	150	270	AV	Horizontal	PASS
4	5470.009	37.26	5.04	42.30	48.30	6.00	150	229	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	5467.4707	48.67	5.04	53.71	68.30	14.59	150	340	PK	Vertical	PASS
2	5470.009	44.81	5.04	49.85	68.30	18.45	150	150	PK	Vertical	PASS
3	5467.5608	38.07	5.04	43.11	48.30	5.19	150	305	AV	Vertical	PASS
4	5470.009	36.50	5.04	41.54	48.30	6.76	150	97	AV	Vertical	PASS

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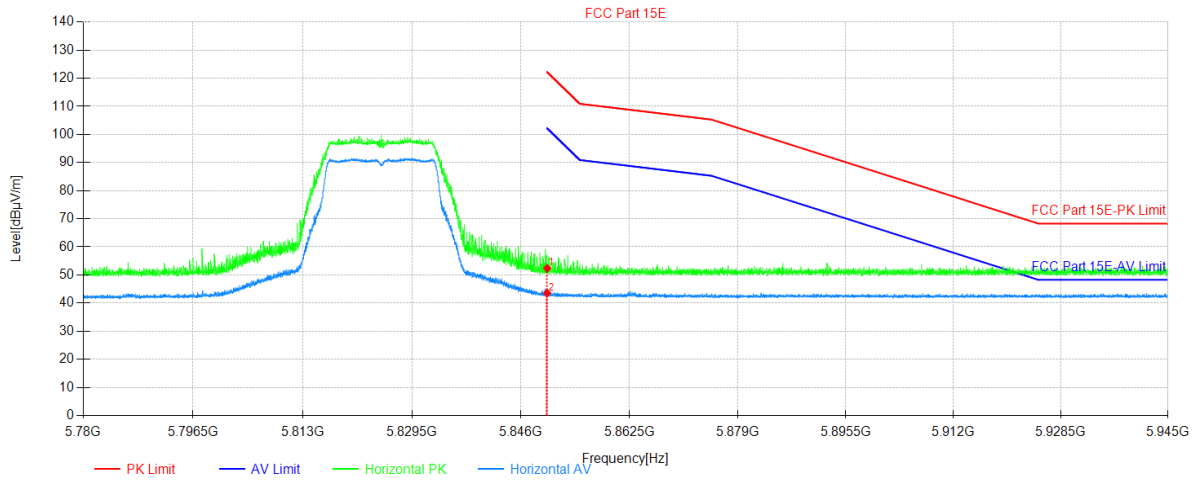
E-mail: info@uttlab.com

<http://www.uttlab.com>

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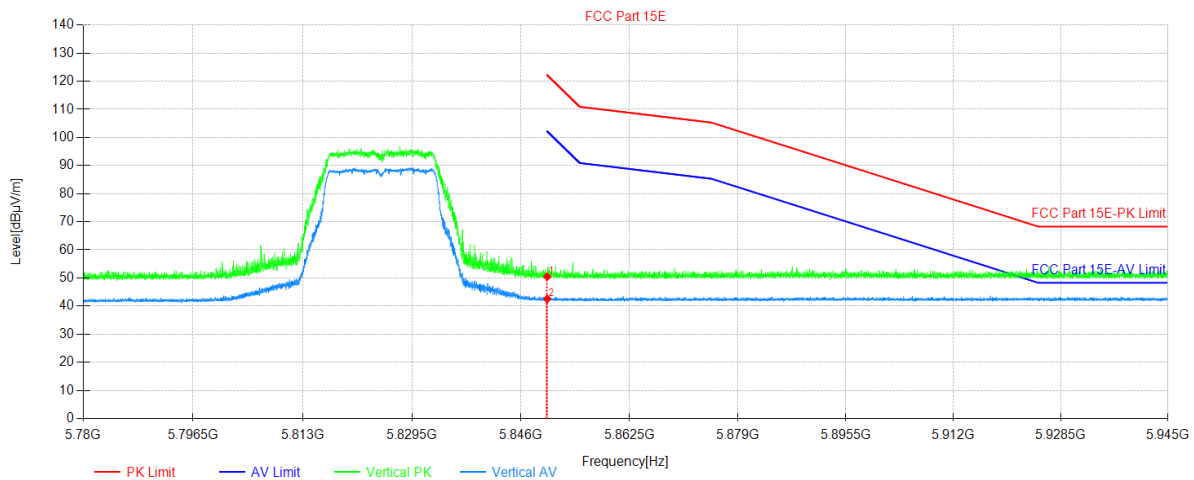
IEEE 802.11a\_Channel 165

Test Graph



Data List											
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1	5850	46.88	5.50	52.38	122.30	69.92	150	220	PK	Horizontal	PASS
2	5850	38.04	5.50	43.54	102.30	58.76	150	229	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	5850	44.99	5.50	50.49	122.30	71.81	150	306	PK	Vertical	PASS
2	5850	37.05	5.50	42.55	102.30	59.75	150	255	AV	Vertical	PASS

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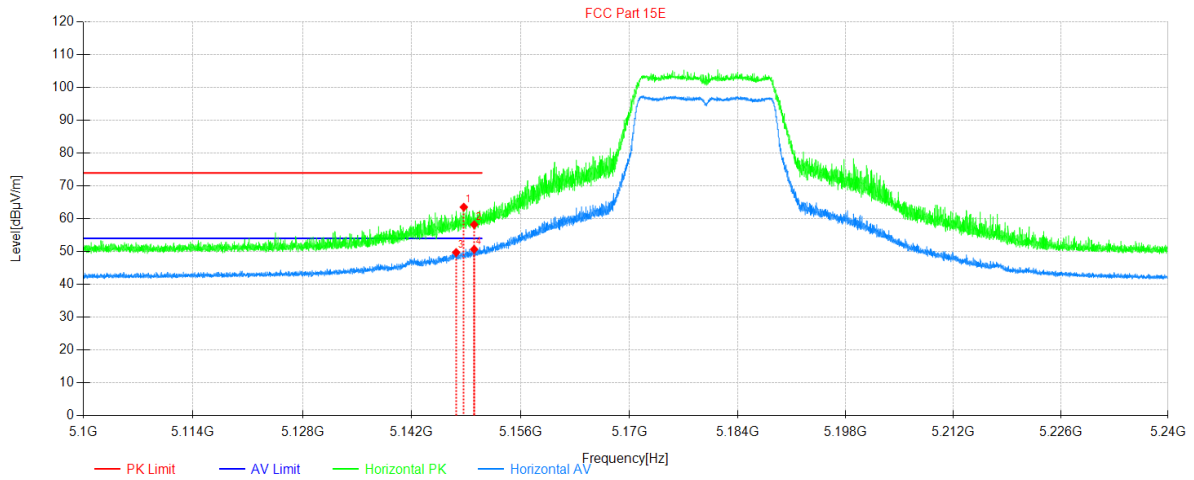
E-mail: info@uttlab.com

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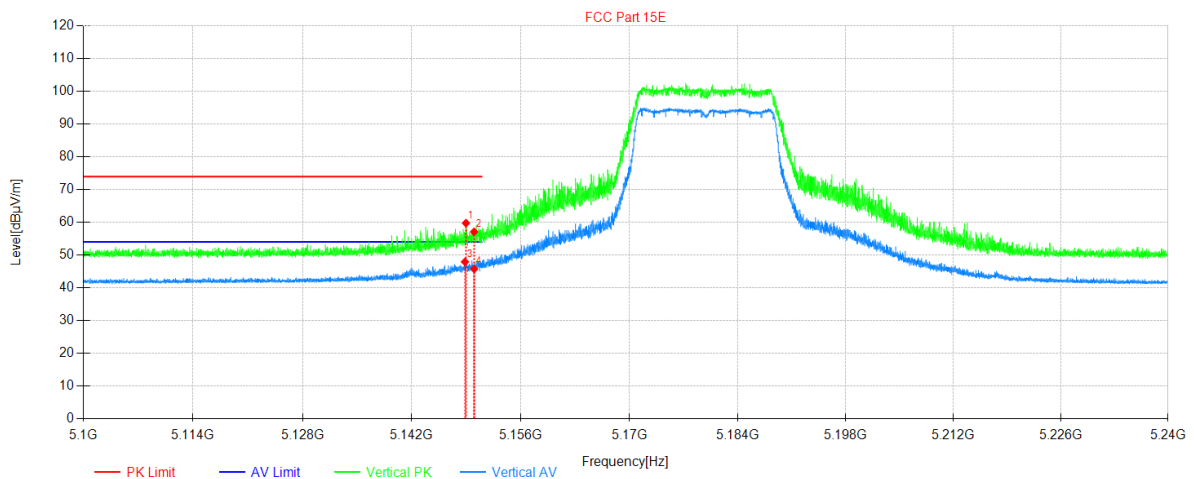
IEEE 802.11n-HT20\_ Channel 36

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	5148.6829	58.55	5.01	63.56	74.00	10.44	150	266	PK	Horizontal	PASS	
2	5150.013	53.21	5.01	58.22	74.00	15.78	150	241	PK	Horizontal	PASS	
3	5147.7028	44.72	5.01	49.73	54.00	4.27	150	232	AV	Horizontal	PASS	
4	5150.013	45.68	5.01	50.69	54.00	3.31	150	266	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	5148.9629	54.75	5.01	59.76	74.00	14.24	150	279	PK	Vertical	PASS	
2	5150.013	52.10	5.01	57.11	74.00	16.89	150	305	PK	Vertical	PASS	
3	5148.8369	42.91	5.01	47.92	54.00	6.08	150	279	AV	Vertical	PASS	
4	5150.013	40.76	5.01	45.77	54.00	8.23	150	279	AV	Vertical	PASS	

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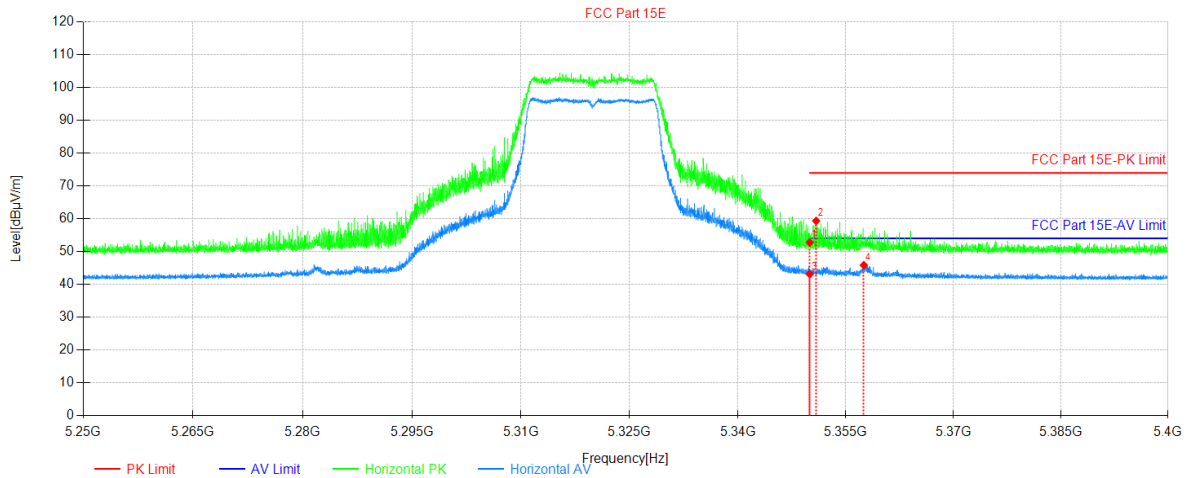
E-mail: info@uttlab.com

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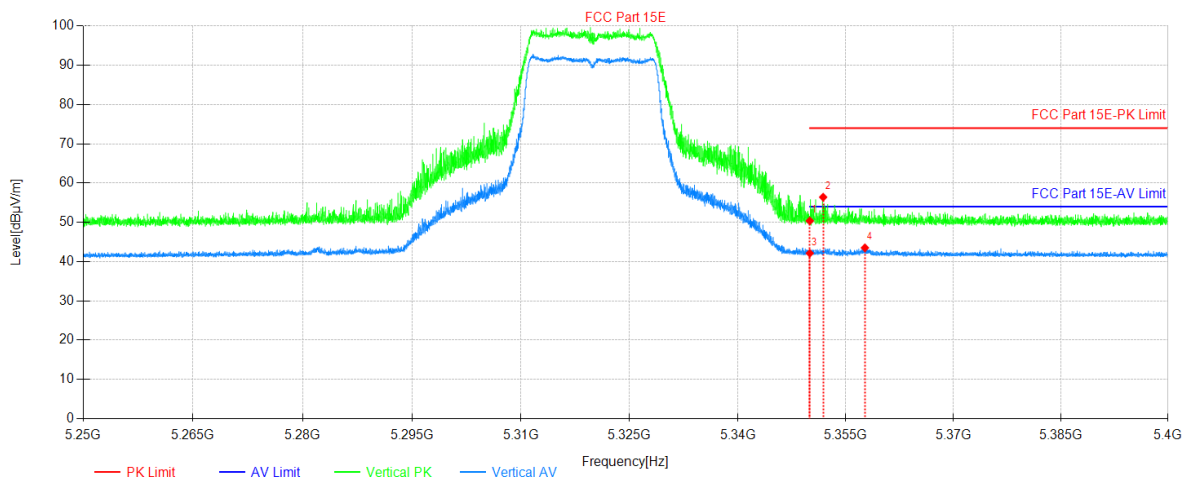
IEEE 802.11n-HT20\_Channel 64

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	5350	47.64	5.15	52.79	74.00	21.21	150	190	PK	Horizontal	PASS
2	5350.8851	54.20	5.15	59.35	74.00	14.65	150	275	PK	Horizontal	PASS
3	5350	37.97	5.15	43.12	54.00	10.88	150	232	AV	Horizontal	PASS
4	5357.5158	40.72	5.14	45.86	54.00	8.14	150	275	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	5350	45.22	5.15	50.37	74.00	23.63	150	271	PK	Vertical	PASS
2	5351.8602	51.26	5.15	56.41	74.00	17.59	150	305	PK	Vertical	PASS
3	5350	36.98	5.15	42.13	54.00	11.87	150	349	AV	Vertical	PASS
4	5357.6658	38.38	5.14	43.52	54.00	10.48	150	271	AV	Vertical	PASS

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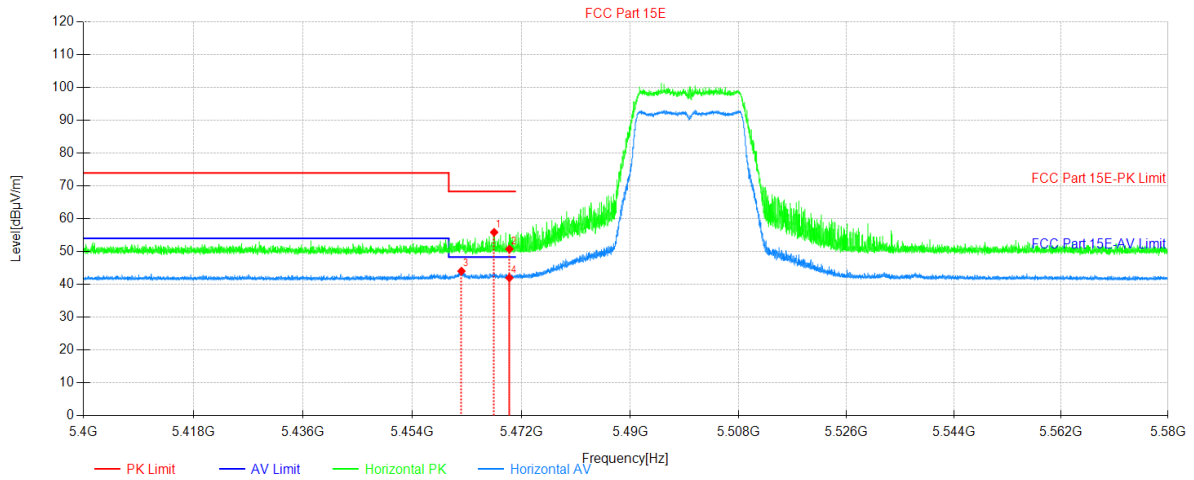
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## IEEE 802.11n-HT20\_Channel 100

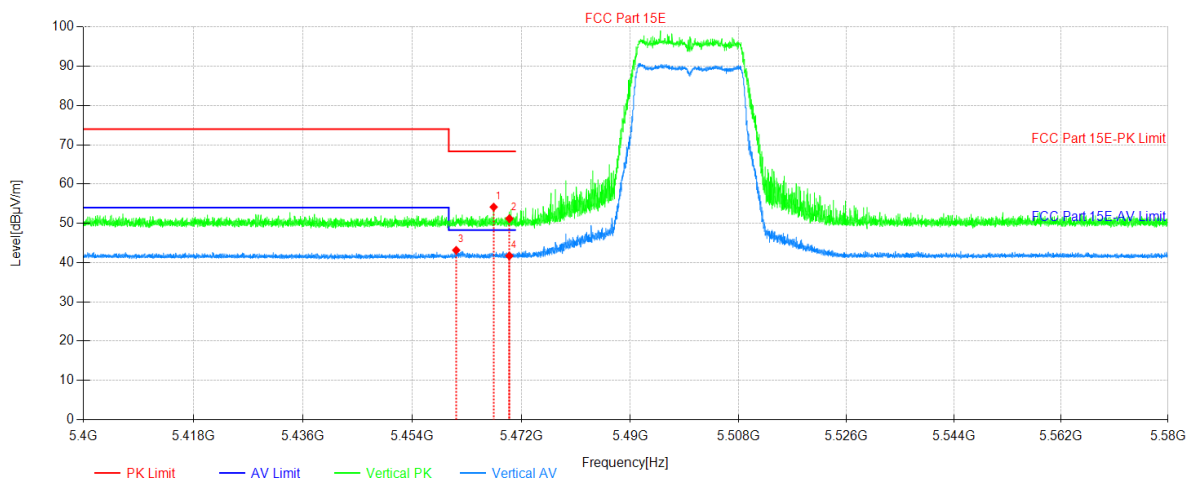
### Test Graph



### 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	5467.4887	50.83	5.04	55.87	68.30	12.43	150	268	PK	Horizontal	PASS
2	5470.009	45.72	5.04	50.76	68.30	17.54	150	268	PK	Horizontal	PASS
3	5462.0882	39.00	5.03	44.03	48.30	4.27	150	268	AV	Horizontal	PASS
4	5470.009	36.94	5.04	41.98	48.30	6.32	150	268	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	5467.4167	49.11	5.04	54.15	68.30	14.15	150	349	PK	Vertical	PASS
2	5470.009	46.16	5.04	51.20	68.30	17.10	150	75	PK	Vertical	PASS
3	5461.2241	38.12	5.03	43.15	48.30	5.15	150	299	AV	Vertical	PASS
4	5470.009	36.68	5.04	41.72	48.30	6.58	150	306	AV	Vertical	PASS

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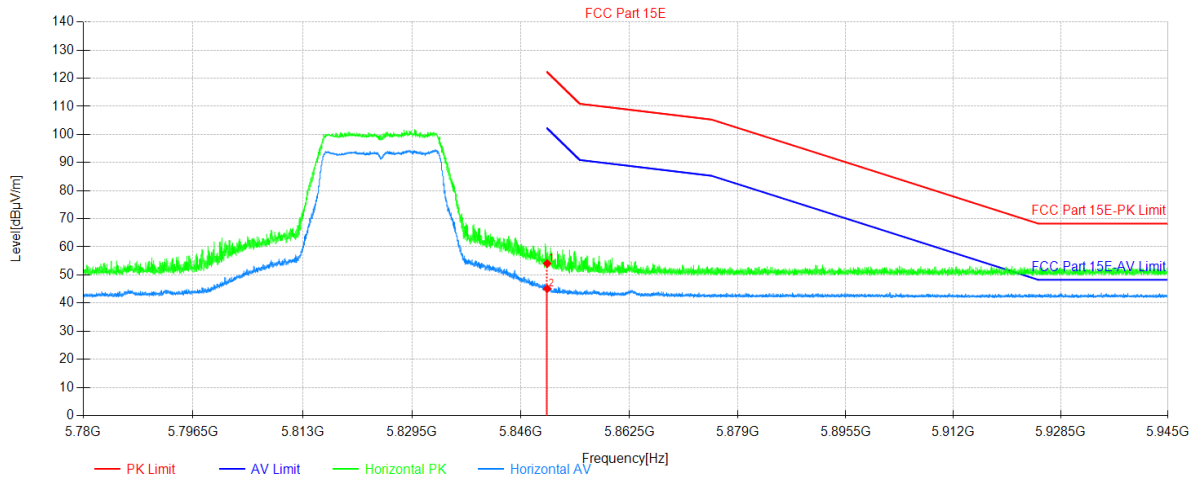
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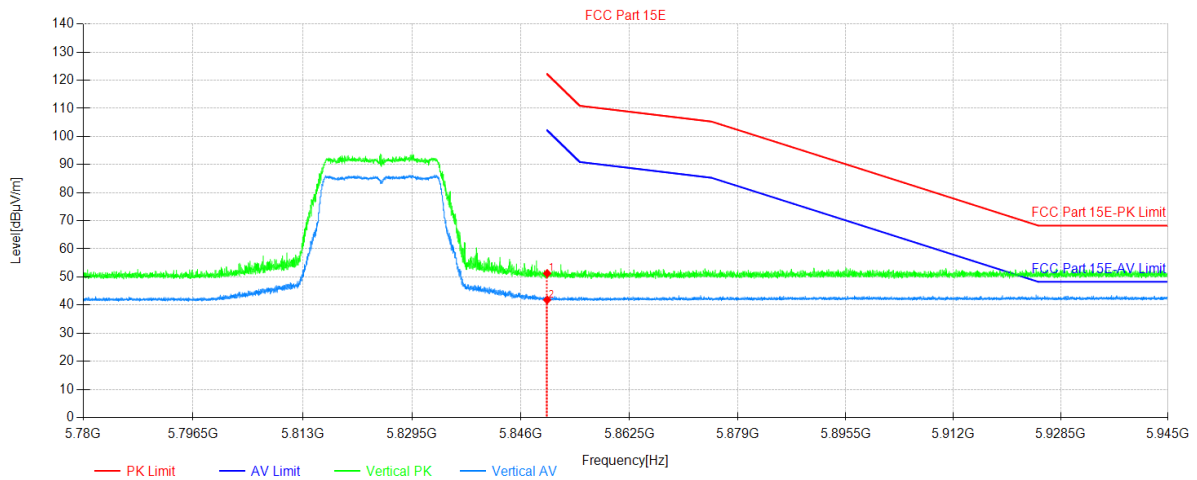
IEEE 802.11n-HT20\_Channel 165

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	5850	48.57	5.50	54.07	122.30	68.23	150	27	PK	Horizontal	PASS
2	5850	39.61	5.50	45.11	102.30	57.19	150	37	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	5850	45.78	5.50	51.28	122.30	71.02	150	97	PK	Vertical	PASS
2	5850	36.35	5.50	41.85	102.30	60.45	150	309	AV	Vertical	PASS

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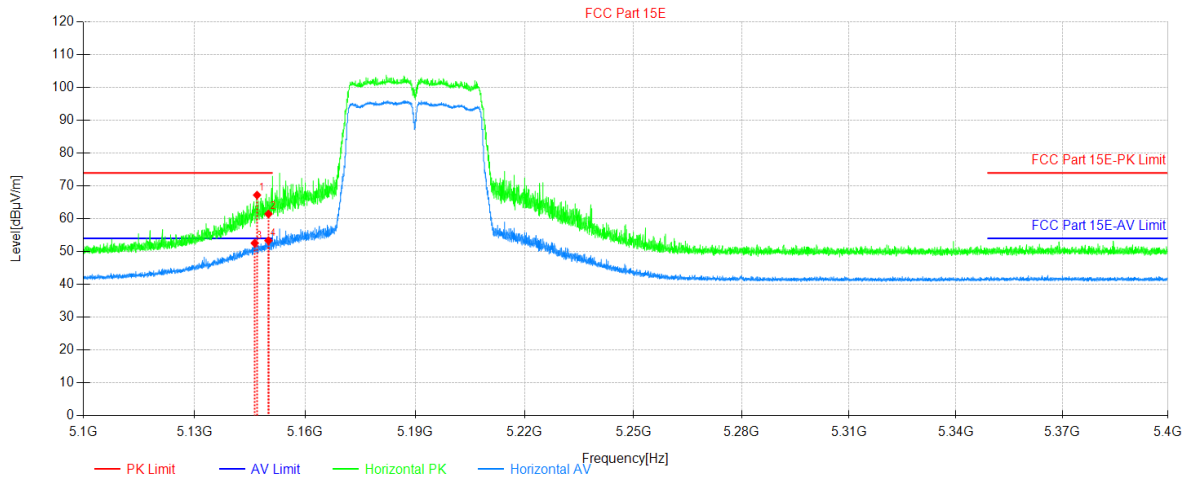
E-mail: info@uttlab.com

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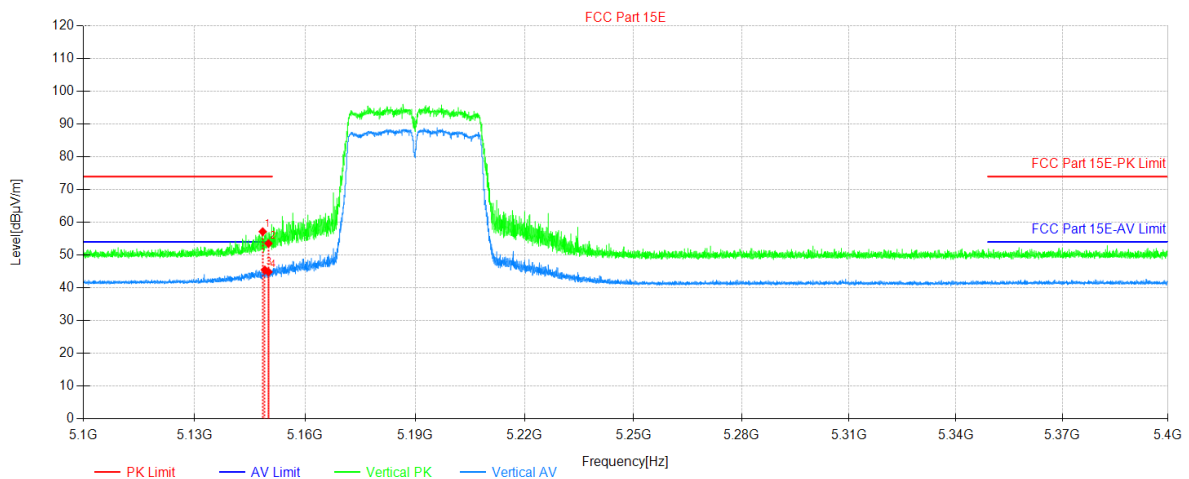
IEEE 802.11n-HT40\_Channel 38

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	5146.9247	62.22	5.00	67.22	74.00	6.78	150	180	PK	Horizontal	PASS	
2	5150.015	56.46	5.01	61.47	74.00	12.53	150	180	PK	Horizontal	PASS	
3	5146.2946	47.57	5.00	52.57	54.00	1.43	150	190	AV	Horizontal	PASS	
4	5150.015	48.34	5.01	53.35	54.00	0.65	150	190	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	5148.4548	52.14	5.01	57.15	74.00	16.85	150	304	PK	Vertical	PASS	
2	5150.015	48.53	5.01	53.54	74.00	20.46	150	288	PK	Vertical	PASS	
3	5149.0249	40.47	5.01	45.48	54.00	8.52	150	312	AV	Vertical	PASS	
4	5150.015	39.82	5.01	44.83	54.00	9.17	150	296	AV	Vertical	PASS	

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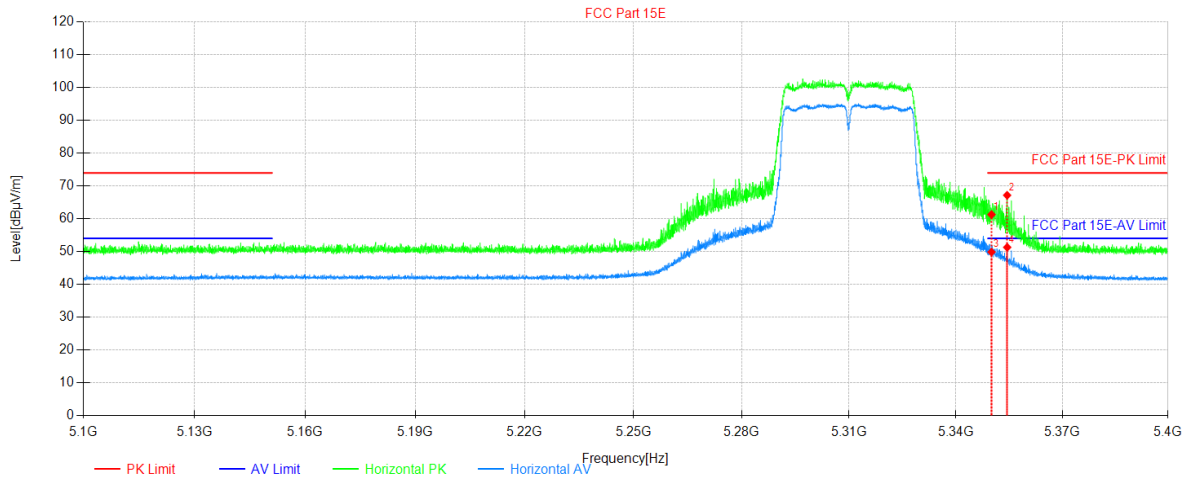
E-mail: info@uttlab.com

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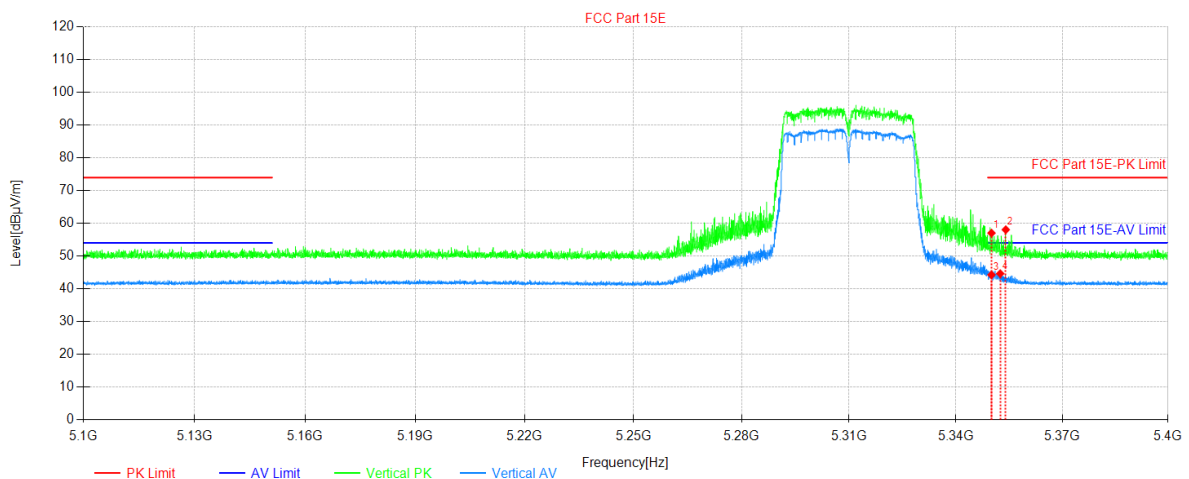
IEEE 802.11n- HT40\_ Channel 62

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	5350.015	56.15	5.15	61.30	74.00	12.70	150	154	PK	Horizontal	PASS
2	5354.4254	62.03	5.14	67.17	74.00	6.83	150	181	PK	Horizontal	PASS
3	5350.015	44.71	5.15	49.86	54.00	4.14	150	220	AV	Horizontal	PASS
4	5354.4554	46.15	5.14	51.29	54.00	2.71	150	181	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	5350.015	51.88	5.15	57.03	74.00	16.97	150	314	PK	Vertical	PASS
2	5354.0354	52.91	5.14	58.05	74.00	15.95	150	306	PK	Vertical	PASS
3	5350.015	39.11	5.15	44.26	54.00	9.74	150	306	AV	Vertical	PASS
4	5352.4752	39.48	5.15	44.63	54.00	9.37	150	306	AV	Vertical	PASS

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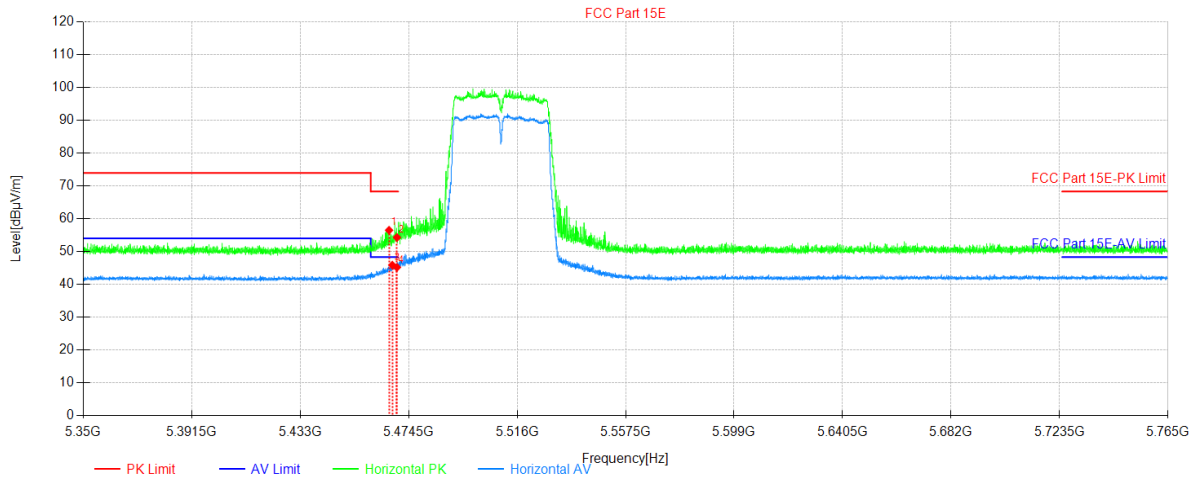
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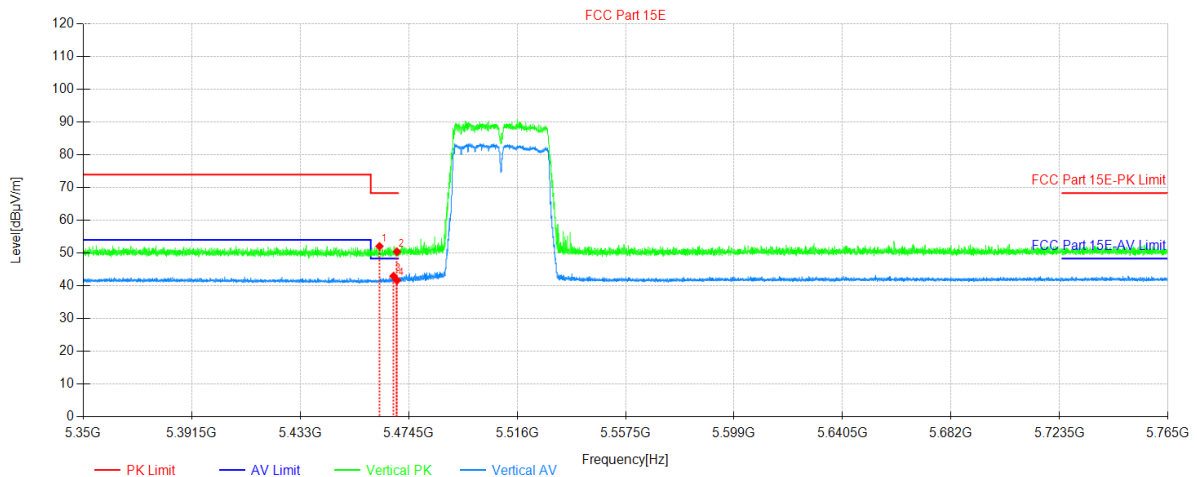
## IEEE 802.11n- HT40\_ Channel 102

### 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	5467.0002	51.47	5.04	56.51	68.30	11.79	150	179	PK	Horizontal	PASS	
2	5470.03	49.27	5.04	54.31	68.30	13.99	150	170	PK	Horizontal	PASS	
3	5468.2453	40.82	5.04	45.86	48.30	2.44	150	179	AV	Horizontal	PASS	
4	5470.03	40.15	5.04	45.19	48.30	3.11	150	189	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	5463.3478	47.04	5.03	52.07	68.30	16.23	150	298	PK	Vertical	PASS	
2	5470.03	45.39	5.04	50.43	68.30	17.87	150	82	PK	Vertical	PASS	
3	5468.7019	37.93	5.04	42.97	48.30	5.33	150	307	AV	Vertical	PASS	
4	5470.03	36.61	5.04	41.65	48.30	6.65	150	340	AV	Vertical	PASS	

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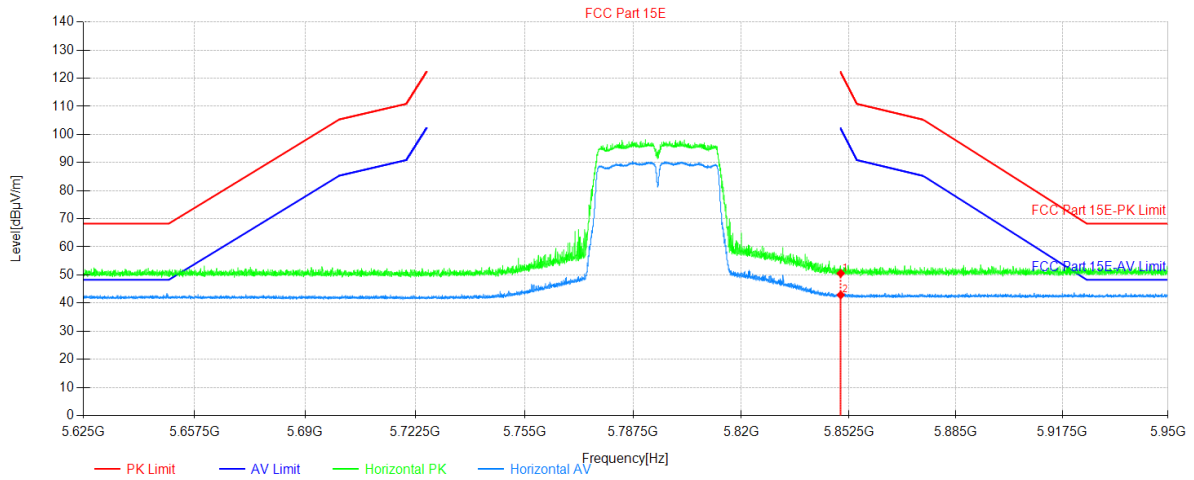
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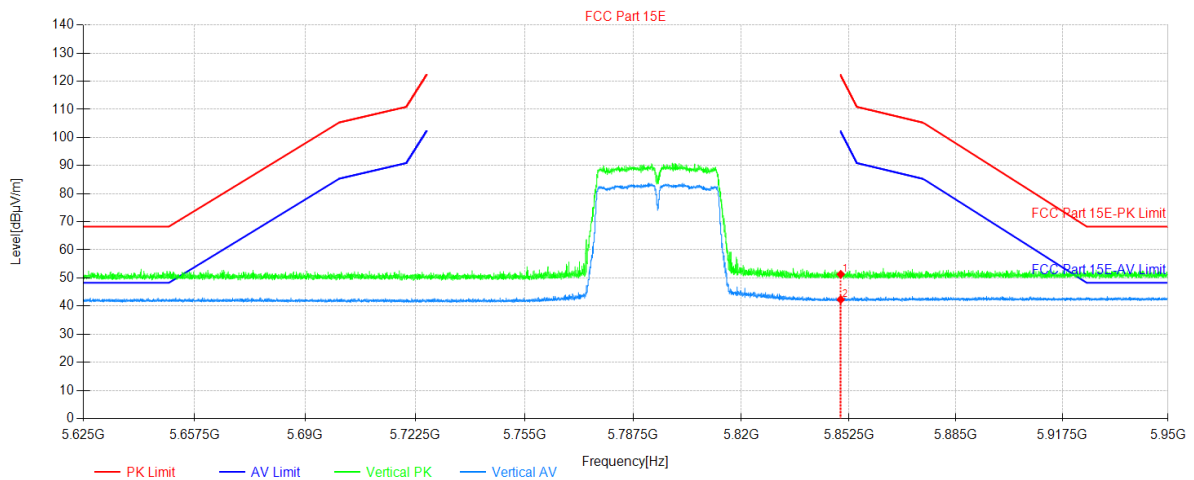
IEEE 802.11n- HT40\_ Channel 159

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	5850.02	45.07	5.50	50.57	122.25	71.68	150	3	PK	Horizontal	PASS
2	5850.02	37.38	5.50	42.88	102.25	59.37	150	25	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	5850.02	45.82	5.50	51.32	122.25	70.93	150	357	PK	Vertical	PASS
2	5850.02	36.83	5.50	42.33	102.25	59.92	150	198	AV	Vertical	PASS

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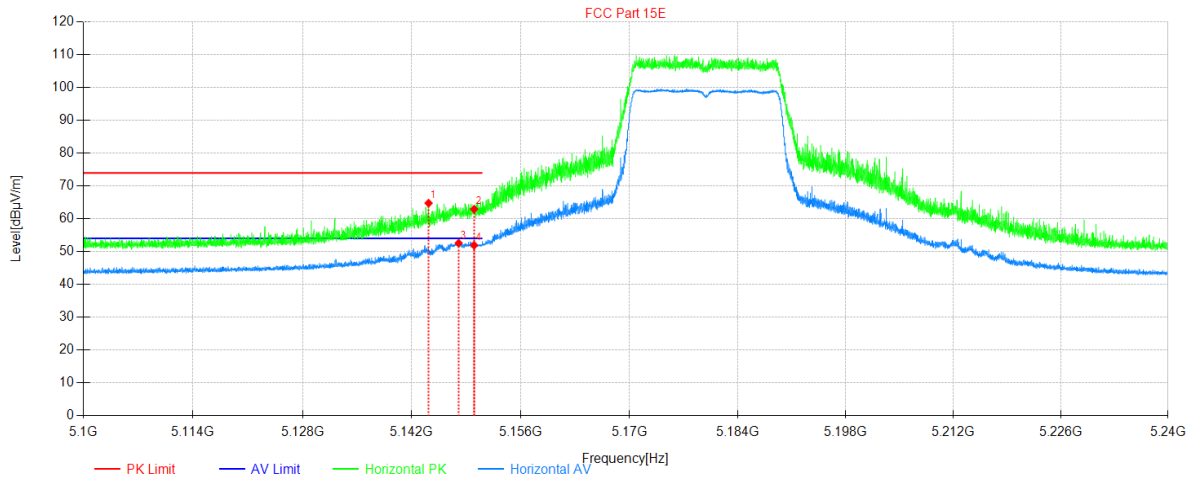
E-mail: info@uttlab.com

<http://www.uttlab.com>

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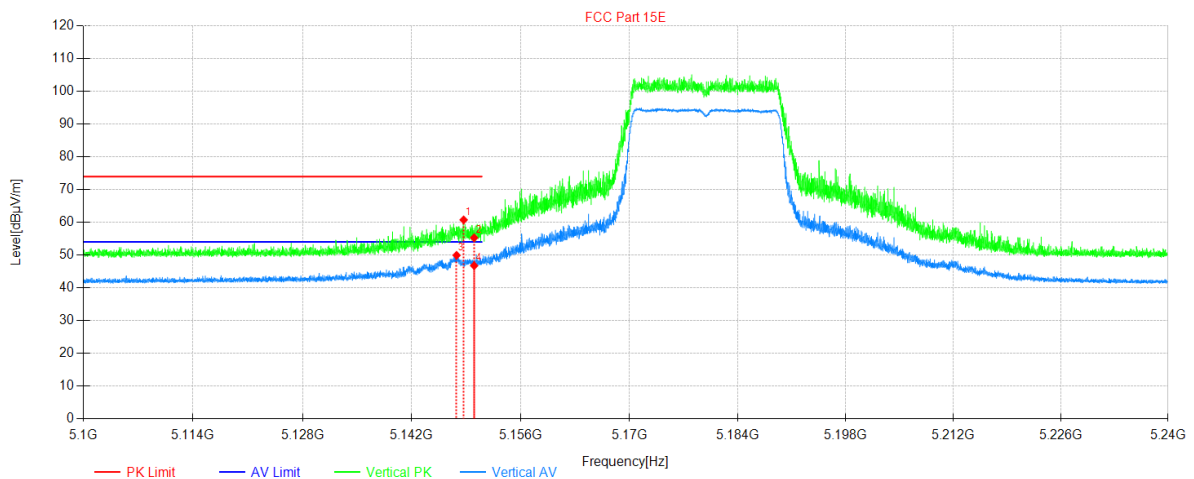
IEEE 802.11n-ax20\_ Channel 36

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	5144.1604	59.78	4.99	64.77	74.00	9.23	150	38	PK	Horizontal	PASS	
2	5150.013	57.93	5.01	62.94	74.00	11.06	150	353	PK	Horizontal	PASS	
3	5148.0248	47.54	5.01	52.55	54.00	1.45	150	3	AV	Horizontal	PASS	
4	5150.013	46.90	5.01	51.91	54.00	2.09	150	353	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	5148.6689	55.74	5.01	60.75	74.00	13.25	150	288	PK	Vertical	PASS	
2	5150.013	50.27	5.01	55.28	74.00	18.72	150	288	PK	Vertical	PASS	
3	5147.7588	44.92	5.01	49.93	54.00	4.07	150	288	AV	Vertical	PASS	
4	5150.013	41.75	5.01	46.76	54.00	7.24	150	288	AV	Vertical	PASS	

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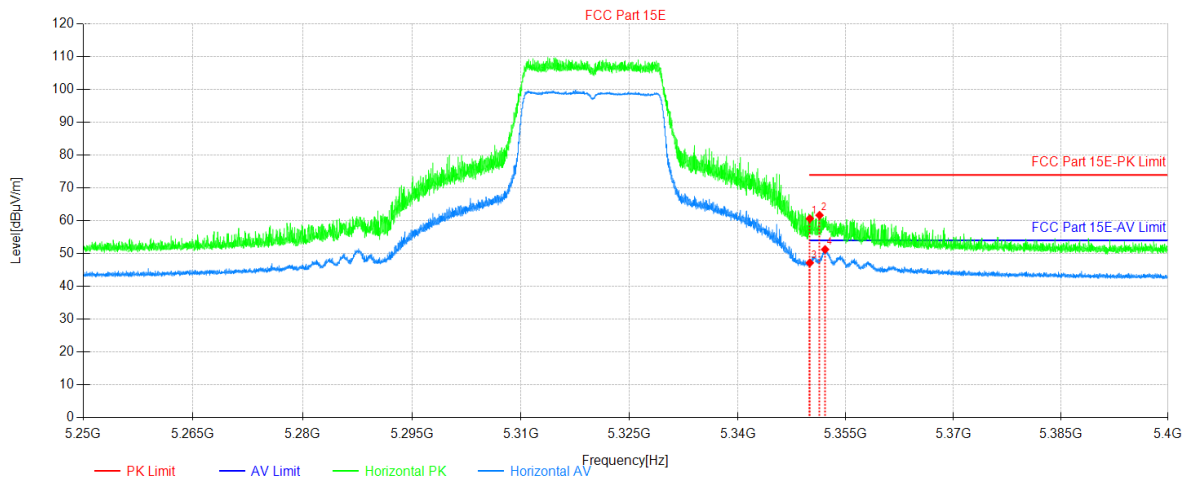
E-mail: info@uttlab.com

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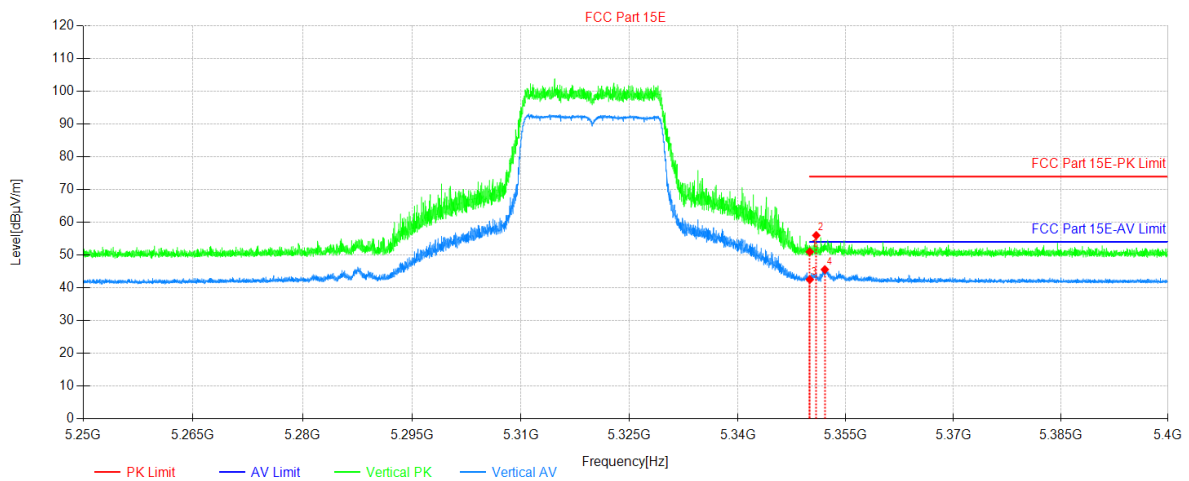
IEEE 802.11n- ax20\_ Channel 64

Test Graph



Data List											
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1	5350	55.51	5.15	60.66	74.00	13.34	150	20	PK	Horizontal	PASS
2	5351.3501	56.53	5.15	61.68	74.00	12.32	150	360	PK	Horizontal	PASS
3	5350	42.02	5.15	47.17	54.00	6.83	150	360	AV	Horizontal	PASS
4	5352.1302	46.09	5.15	51.24	54.00	2.76	150	2	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	5350	45.83	5.15	50.98	74.00	23.02	150	206	PK	Vertical	PASS
2	5350.9001	50.86	5.15	56.01	74.00	17.99	150	269	PK	Vertical	PASS
3	5350	37.37	5.15	42.52	54.00	11.48	150	302	AV	Vertical	PASS
4	5352.0852	40.43	5.15	45.58	54.00	8.42	150	269	AV	Vertical	PASS

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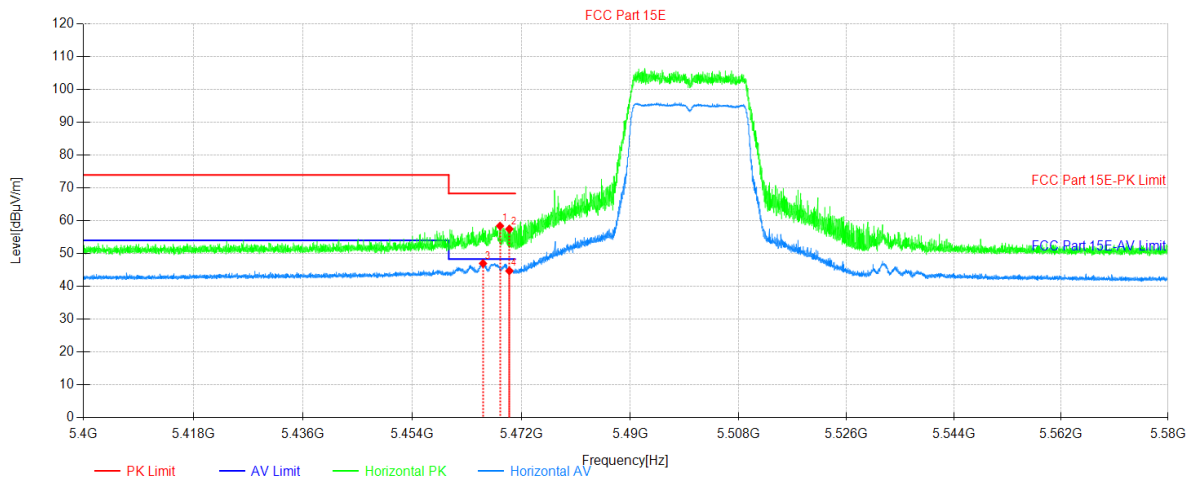
E-mail: info@uttlab.com

<http://www.uttlab.com>

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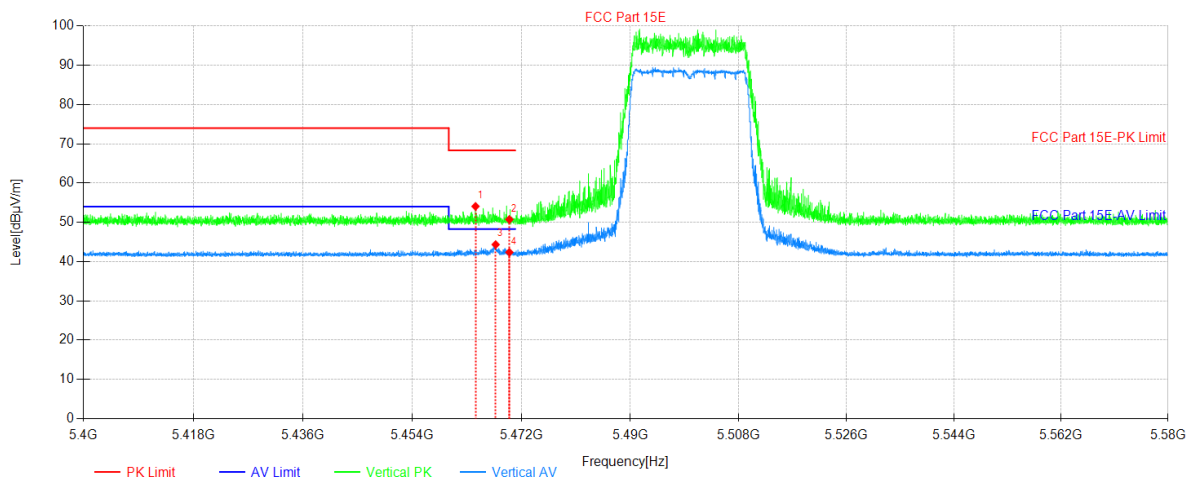
IEEE 802.11n- ax20\_ Channel 100

Test Graph



Data List											
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1	5468.4608	53.37	5.04	58.41	68.30	9.89	150	18	PK	Horizontal	PASS
2	5470.009	52.44	5.04	57.48	68.30	10.82	150	44	PK	Horizontal	PASS
3	5465.6526	41.94	5.04	46.98	48.30	1.32	150	3	AV	Horizontal	PASS
4	5470.009	39.66	5.04	44.70	48.30	3.60	150	343	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	5464.4104	49.03	5.04	54.07	68.30	14.23	150	265	PK	Vertical	PASS
2	5470.009	45.69	5.04	50.73	68.30	17.57	150	76	PK	Vertical	PASS
3	5467.7408	39.30	5.04	44.34	48.30	3.96	150	265	AV	Vertical	PASS
4	5470.009	37.33	5.04	42.37	48.30	5.93	150	231	AV	Vertical	PASS

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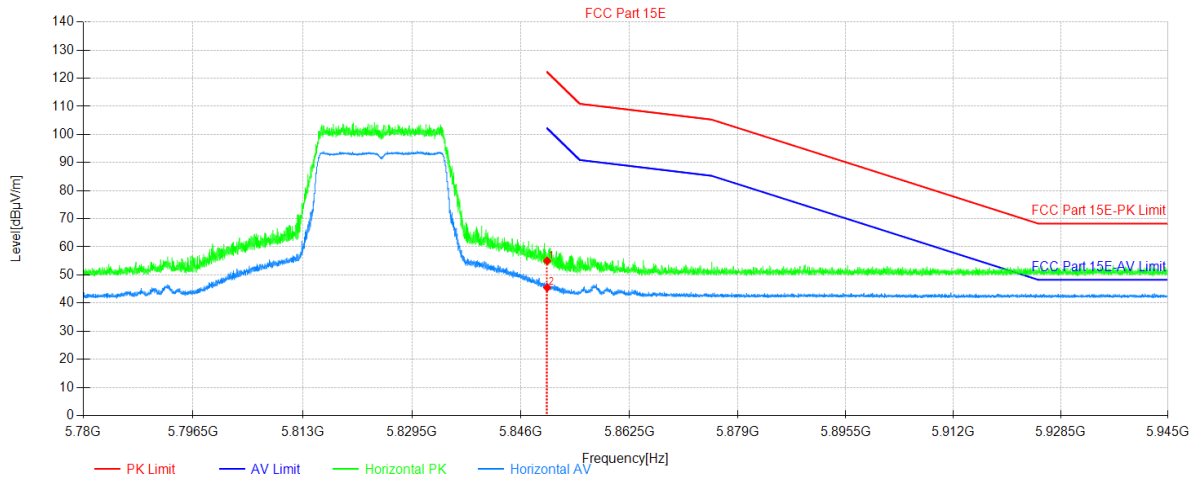
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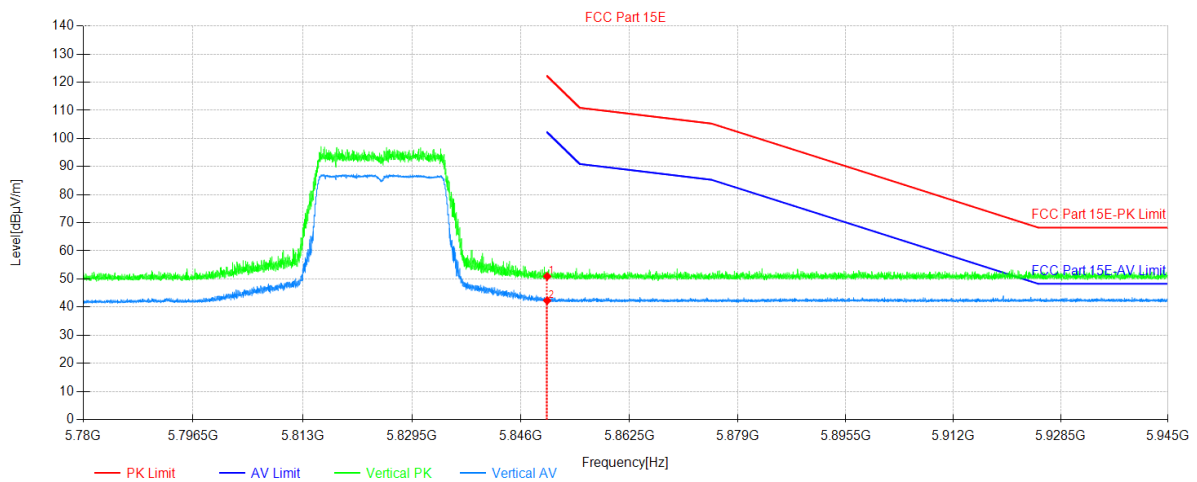
IEEE 802.11n- ax20\_ Channel 165

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	5850	49.50	5.50	55.00	122.30	67.30	150	216	PK	Horizontal	PASS
2	5850	40.01	5.50	45.51	102.30	56.79	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	5850	45.44	5.50	50.94	122.30	71.36	150	94	PK	Vertical	PASS
2	5850	36.83	5.50	42.33	102.30	59.97	150	287	AV	Vertical	PASS

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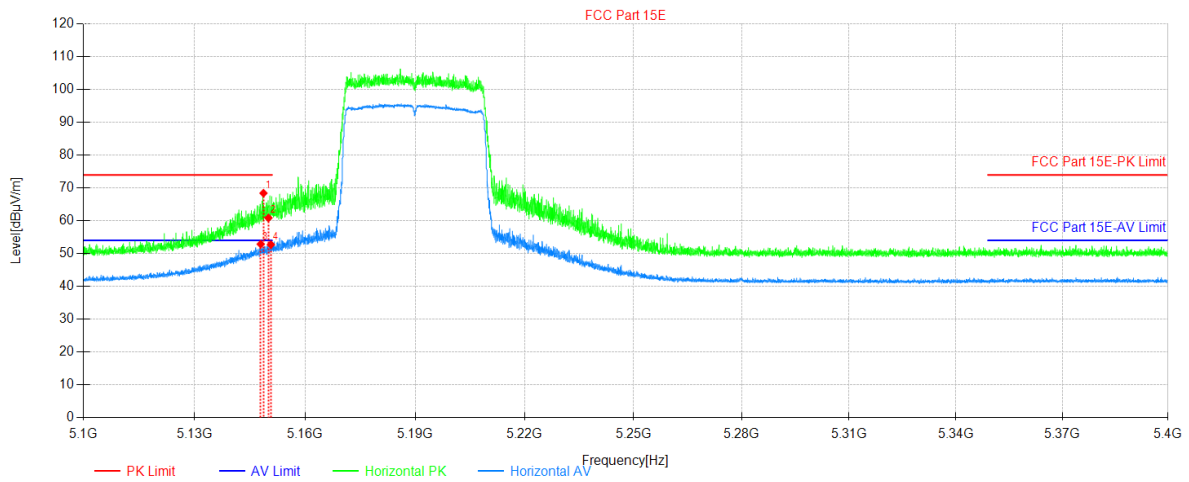
E-mail: info@uttlab.com

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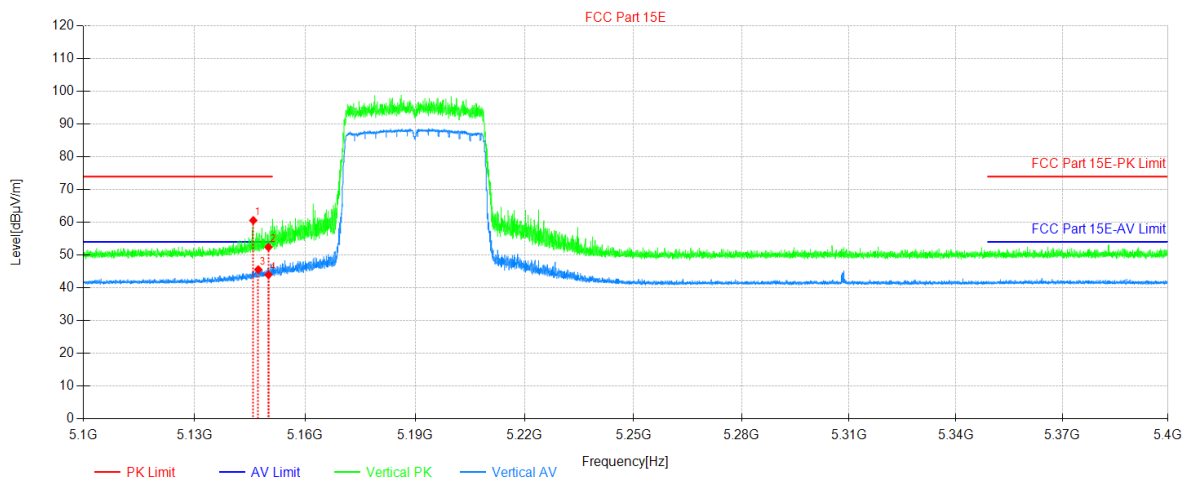
IEEE 802.11n- ax40\_ Channel 38

Test Graph



Data List												
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1	5148.6649	63.40	5.01	68.41	74.00	5.59	150	212	PK	Horizontal	PASS	
2	5150.015	55.86	5.01	60.87	74.00	13.13	150	203	PK	Horizontal	PASS	
3	5147.9148	47.87	5.01	52.88	54.00	1.12	150	185	AV	Horizontal	PASS	
4	5150.6751	47.72	5.01	52.73	54.00	1.27	150	185	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	5145.9046	55.60	5.00	60.60	74.00	13.40	150	309	PK	Vertical	PASS	
2	5150.015	47.41	5.01	52.42	74.00	21.58	150	317	PK	Vertical	PASS	
3	5147.2547	40.57	5.00	45.57	54.00	8.43	150	309	AV	Vertical	PASS	
4	5150.015	38.99	5.01	44.00	54.00	10.00	150	309	AV	Vertical	PASS	

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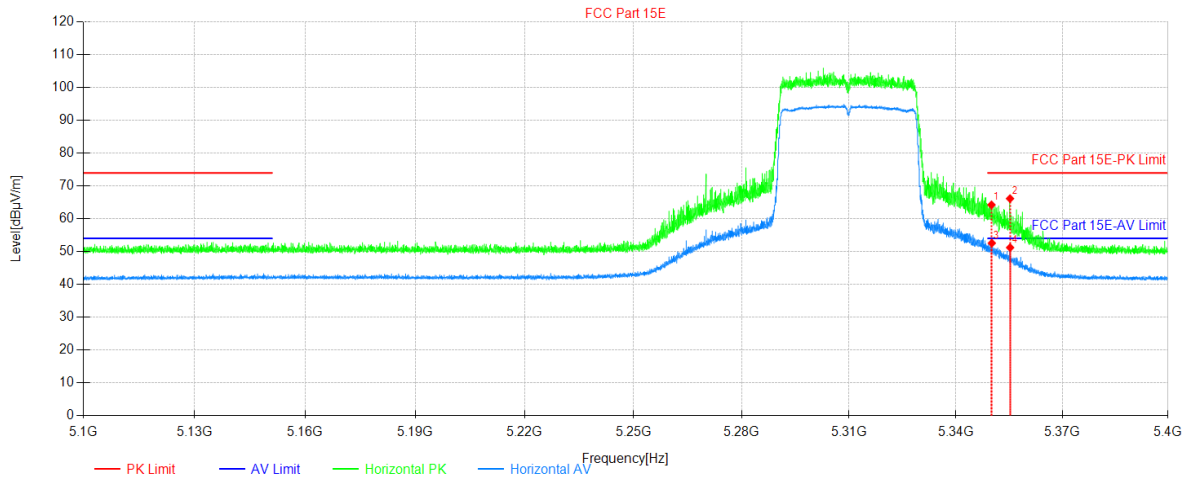
E-mail: info@uttlab.com

<http://www.uttlab.com>

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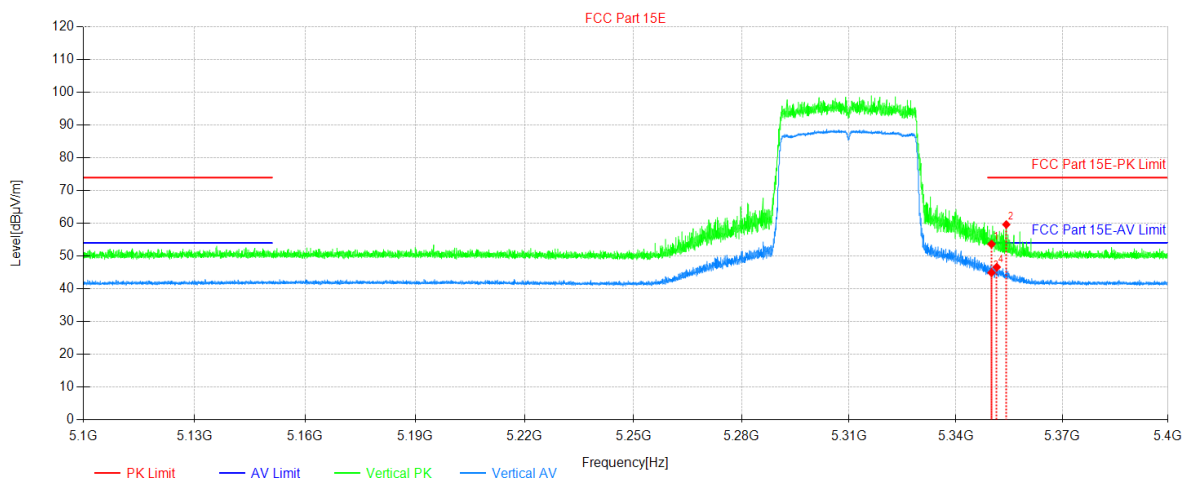
IEEE 802.11n- ax40\_ Channel 62

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	5350.015	59.10	5.15	64.25	74.00	9.75	150	198	PK	Horizontal	PASS
2	5355.2355	61.02	5.14	66.16	74.00	7.84	150	198	PK	Horizontal	PASS
3	5350.105	47.41	5.15	52.56	54.00	1.44	150	198	AV	Horizontal	PASS
4	5355.2655	46.07	5.14	51.21	54.00	2.79	150	189	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	5350.015	48.51	5.15	53.66	74.00	20.34	150	298	PK	Vertical	PASS
2	5354.1854	54.51	5.14	59.65	74.00	14.35	150	298	PK	Vertical	PASS
3	5350.015	39.75	5.15	44.90	54.00	9.10	150	298	AV	Vertical	PASS
4	5351.4851	41.47	5.15	46.62	54.00	7.38	150	298	AV	Vertical	PASS

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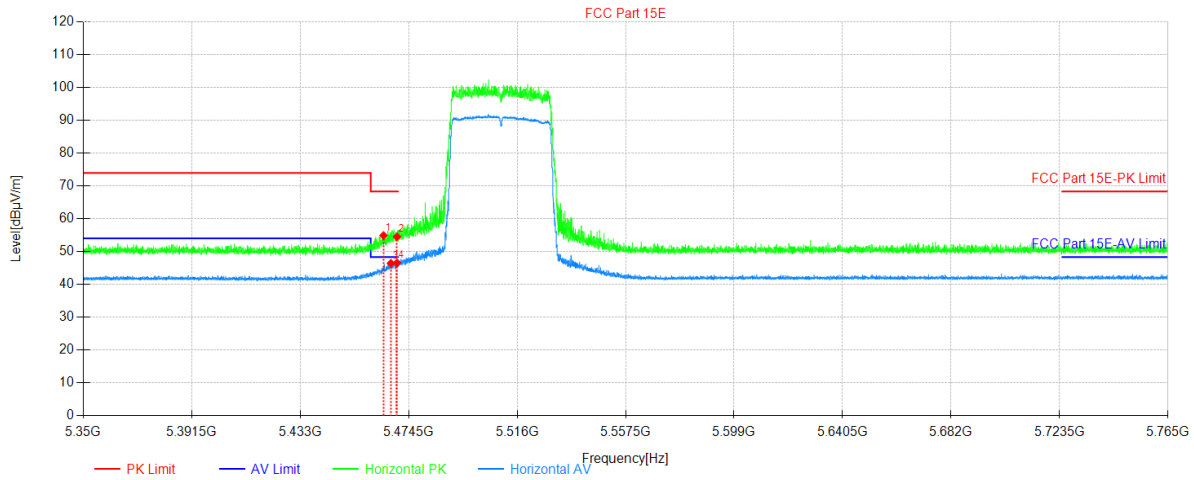
E-mail: info@uttlab.com

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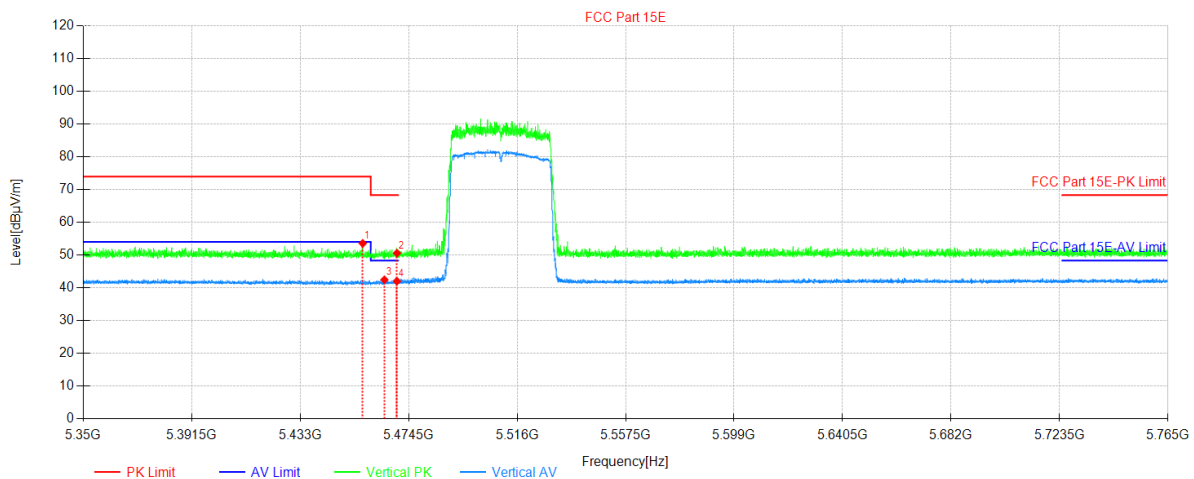
IEEE 802.11n- ax40\_ Channel 102

Test Graph



Data List												
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1	5464.8835	49.88	5.04	54.92	68.30	13.38	150	185	PK	Horizontal	PASS	
2	5470.03	49.47	5.04	54.51	68.30	13.79	150	212	PK	Horizontal	PASS	
3	5467.7058	41.40	5.04	46.44	48.30	1.86	150	185	AV	Horizontal	PASS	
4	5470.03	41.49	5.04	46.53	48.30	1.77	150	185	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	5456.9147	48.55	5.03	53.58	74.00	20.42	150	44	PK	Vertical	PASS	
2	5470.03	45.55	5.04	50.59	68.30	17.71	150	241	PK	Vertical	PASS	
3	5465.2155	37.41	5.04	42.45	48.30	5.85	150	348	AV	Vertical	PASS	
4	5470.03	36.98	5.04	42.02	48.30	6.28	150	311	AV	Vertical	PASS	

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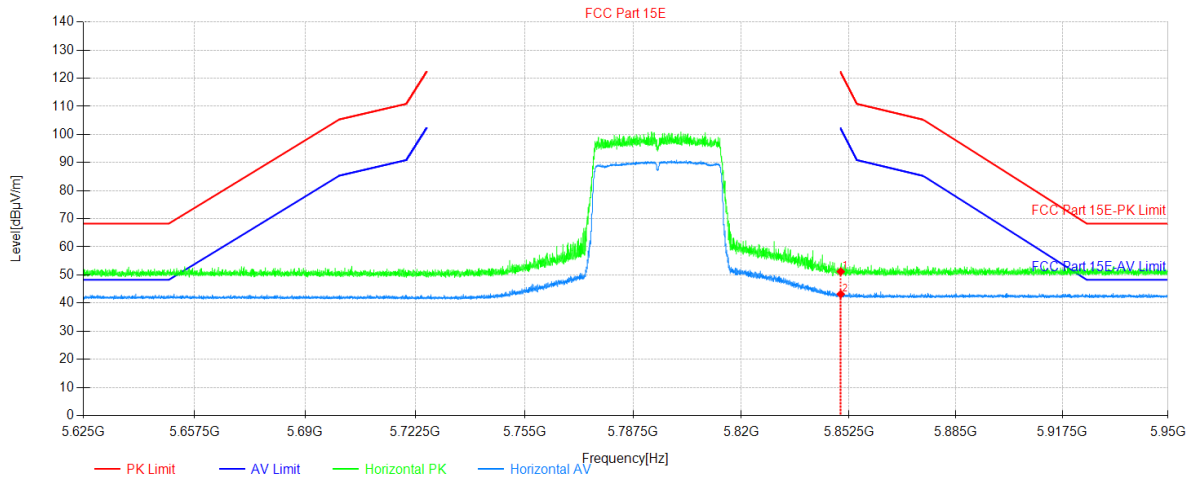
E-mail: info@uttlab.com

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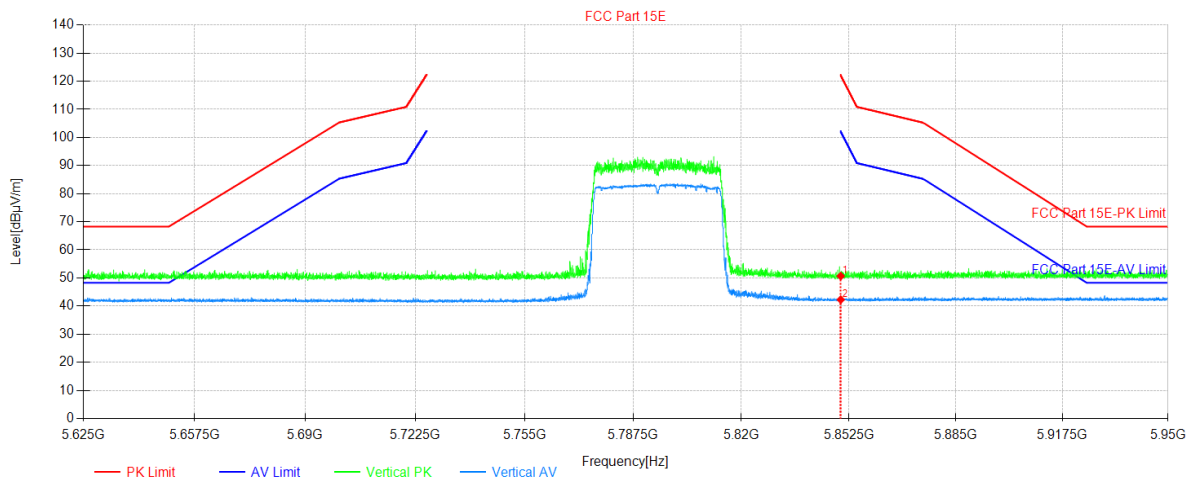
IEEE 802.11n- ax40\_ Channel 159

Test Graph



Data List											
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1	5850.02	45.70	5.50	51.20	122.25	71.05	150	49	PK	Horizontal	PASS
2	5850.02	37.68	5.50	43.18	102.25	59.07	150	186	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	5850.02	45.17	5.50	50.67	122.25	71.58	150	184	PK	Vertical	PASS
2	5850.02	36.79	5.50	42.29	102.25	59.96	150	334	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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