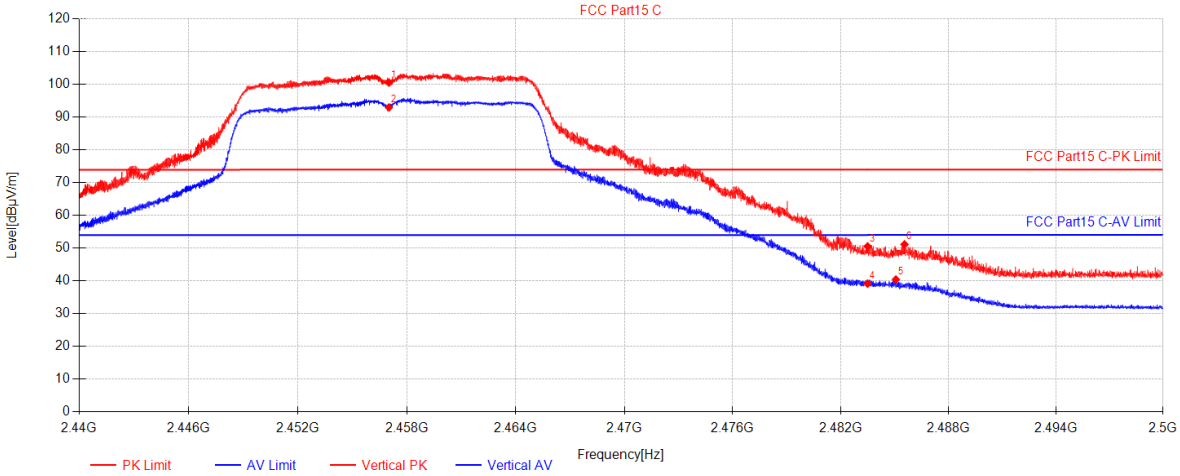
802.11g_Channel 10



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1	2457.0000	97.16	3.43	100.59	-	-	148	313	Vertical
2	2457.0000	89.54	3.43	92.97	-	-	148	313	Vertical
3	2483.5000	46.91	3.60	50.51	74.00	23.49	148	313	Vertical
4	2483.5000	35.53	3.60	39.13	54.00	14.87	148	313	Vertical
5	2485.075	36.79	3.61	40.40	54.00	13.60	148	313	Vertical
6	2485.555	47.50	3.61	51.11	74.00	22.89	148	313	Vertical

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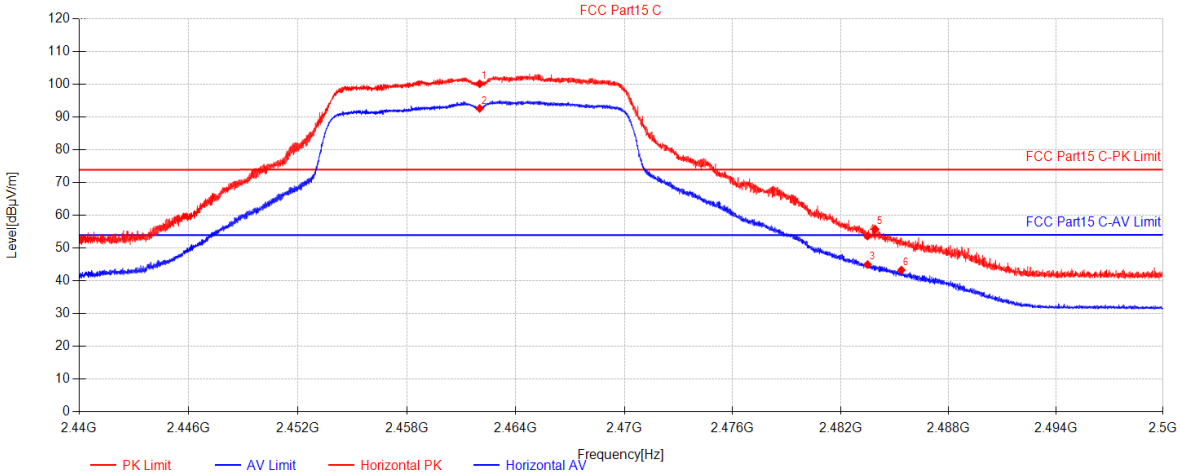
802.11g_Channel 11



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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.74	3.46	100.20	-	-	223	156	Horizontal
2	2462.0000	89.20	3.46	92.66	-	-	223	156	Horizontal
3	2483.5000	41.35	3.60	44.95	54.00	9.05	223	156	Horizontal
4	2483.5000	50.06	3.60	53.66	74.00	20.34	223	156	Horizontal
5	2483.92	52.18	3.60	55.78	74.00	18.22	223	156	Horizontal
6	2485.3825	39.66	3.61	43.27	54.00	10.73	223	156	Horizontal

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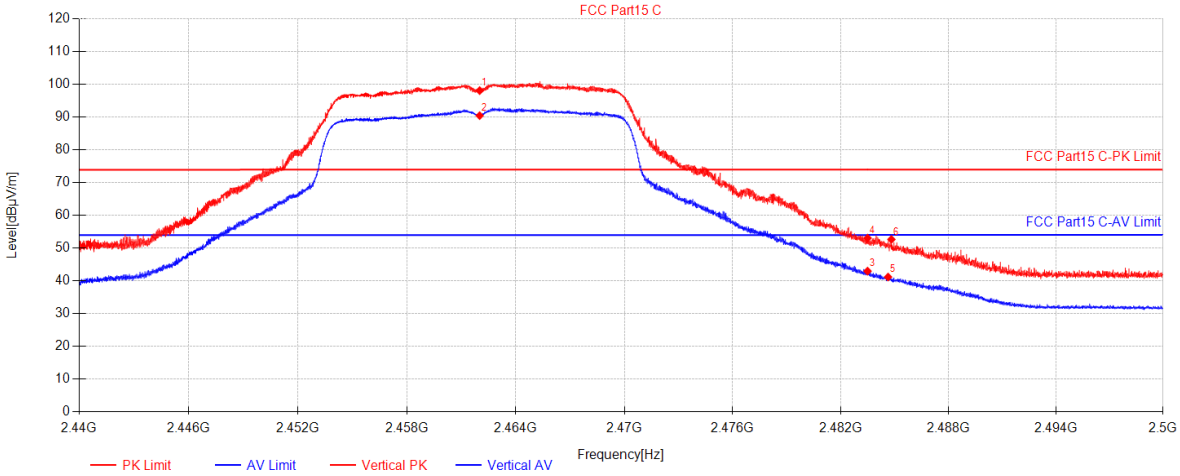

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	94.66	3.46	98.12	-	-	125	267	Vertical
2	2462.0000	87.00	3.46	90.46	-	-	125	267	Vertical
3	2483.5000	39.35	3.60	42.95	54.00	11.05	125	267	Vertical
4	2483.5000	49.45	3.60	53.05	74.00	20.95	125	267	Vertical
5	2484.64	37.54	3.60	41.14	54.00	12.86	125	267	Vertical
6	2484.8275	49.04	3.60	52.64	74.00	21.36	125	267	Vertical

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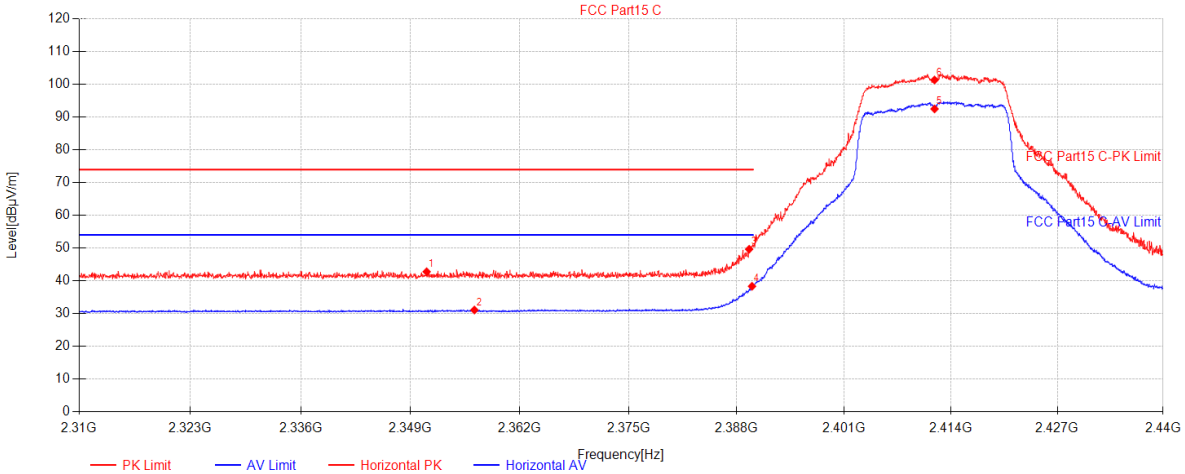

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1	2350.9067	39.70	3.08	42.78	74.00	31.22	178	338	Horizontal
2	2356.5833	27.99	3.08	31.07	54.00	22.93	178	338	Horizontal
3	2389.5167	46.58	3.07	49.65	74.00	24.35	178	338	Horizontal
4	2389.8633	35.25	3.07	38.32	54.00	15.68	178	338	Horizontal
5	2412.0000	89.37	3.15	92.52	-	-	178	338	Horizontal
6	2412.0000	98.21	3.15	101.36	-	-	178	338	Horizontal

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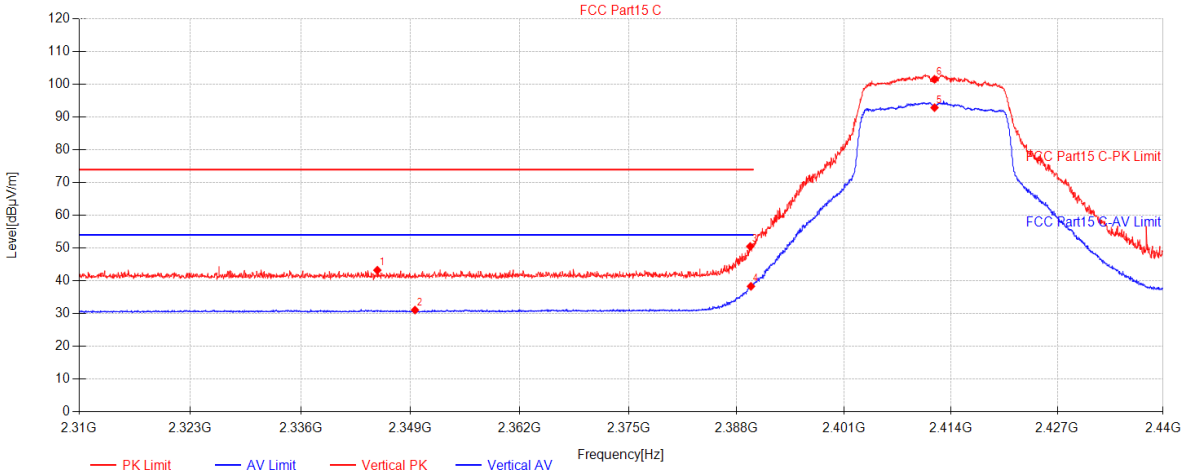

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1	2345.0567	40.14	3.09	43.23	74.00	30.77	169	271	Vertical
2	2349.52	27.96	3.09	31.05	54.00	22.95	169	271	Vertical
3	2389.6467	47.43	3.07	50.50	74.00	23.50	169	271	Vertical
4	2389.7333	35.23	3.07	38.30	54.00	15.70	169	271	Vertical
5	2412.0000	89.76	3.15	92.91	-	-	169	271	Vertical
6	2412.0000	98.43	3.15	101.58	-	-	169	271	Vertical

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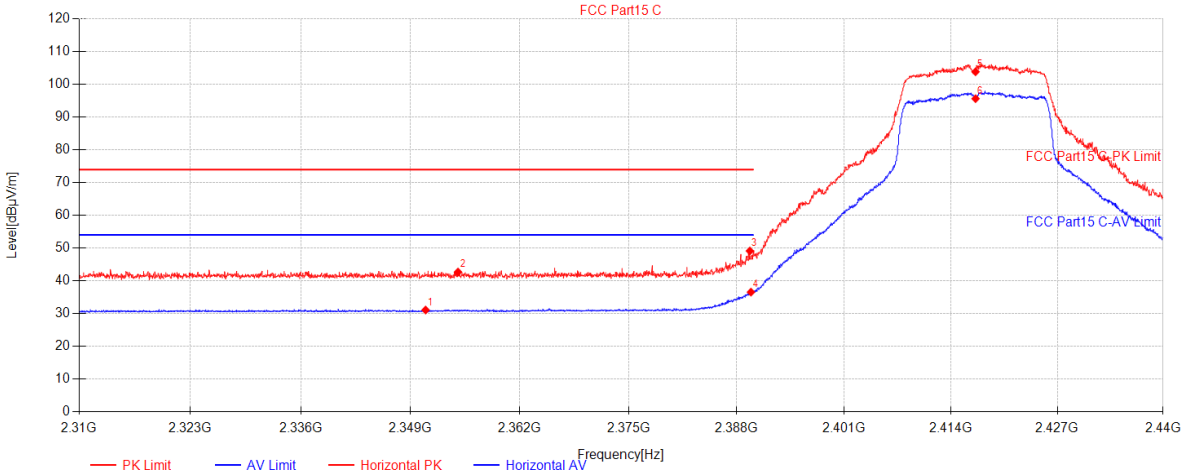

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2350.7767	27.98	3.08	31.06	54.00	22.94	184	344	Horizontal
2	2354.6333	39.60	3.08	42.68	74.00	31.32	184	344	Horizontal
3	2389.6033	46.04	3.07	49.11	74.00	24.89	184	344	Horizontal
4	2389.7333	33.47	3.07	36.54	54.00	17.46	184	344	Horizontal
5	2417.0000	100.69	3.18	103.87	-	-	184	344	Horizontal
6	2417.0000	92.47	3.18	95.65	-	-	184	344	Horizontal

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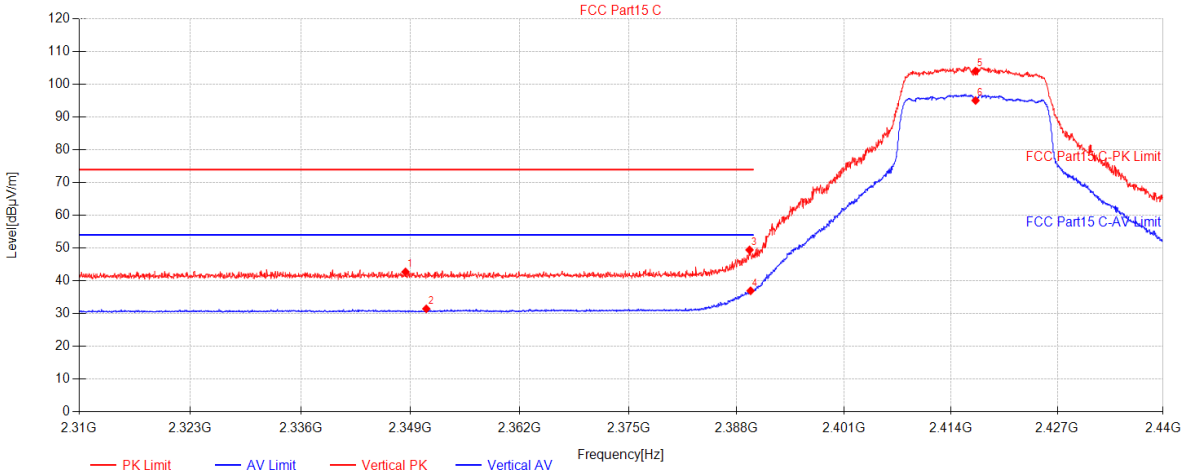

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1	2348.3933	39.63	3.09	42.72	74.00	31.28	120	262	Vertical
2	2350.8633	28.36	3.08	31.44	54.00	22.56	120	262	Vertical
3	2389.56	46.36	3.07	49.43	74.00	24.57	120	262	Vertical
4	2389.69	33.86	3.07	36.93	54.00	17.07	120	262	Vertical
5	2417.0000	100.89	3.18	104.07	-	-	120	262	Vertical
6	2417.0000	91.91	3.18	95.09	-	-	120	262	Vertical

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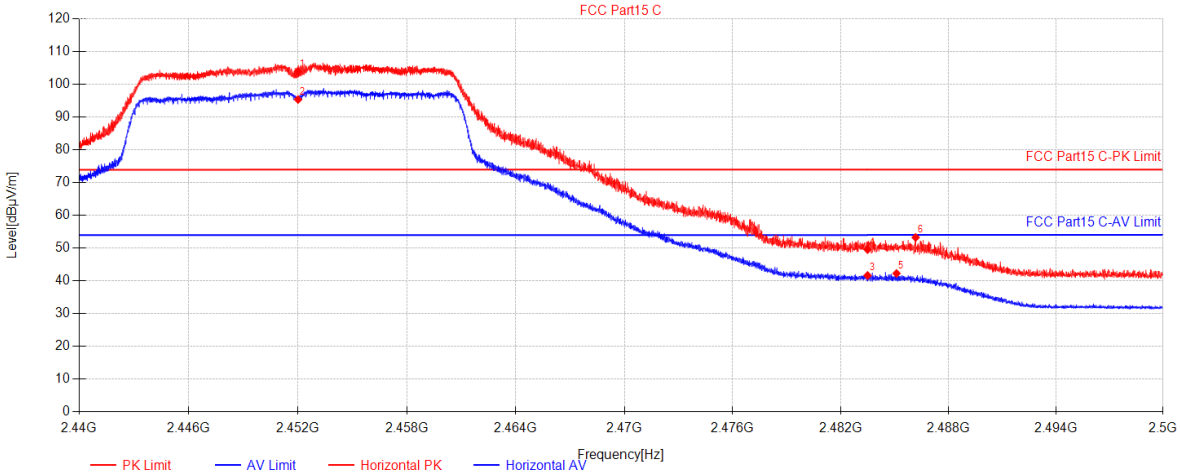

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	100.53	3.40	103.93	-	-	134	319	Horizontal
2	2452.0000	92.00	3.40	95.40	-	-	134	319	Horizontal
3	2483.5000	38.02	3.60	41.62	54.00	12.38	134	319	Horizontal
4	2483.5000	45.93	3.60	49.53	74.00	24.47	134	319	Horizontal
5	2485.1125	38.64	3.61	42.25	54.00	11.75	134	319	Horizontal
6	2486.1775	49.64	3.61	53.25	74.00	20.75	134	319	Horizontal

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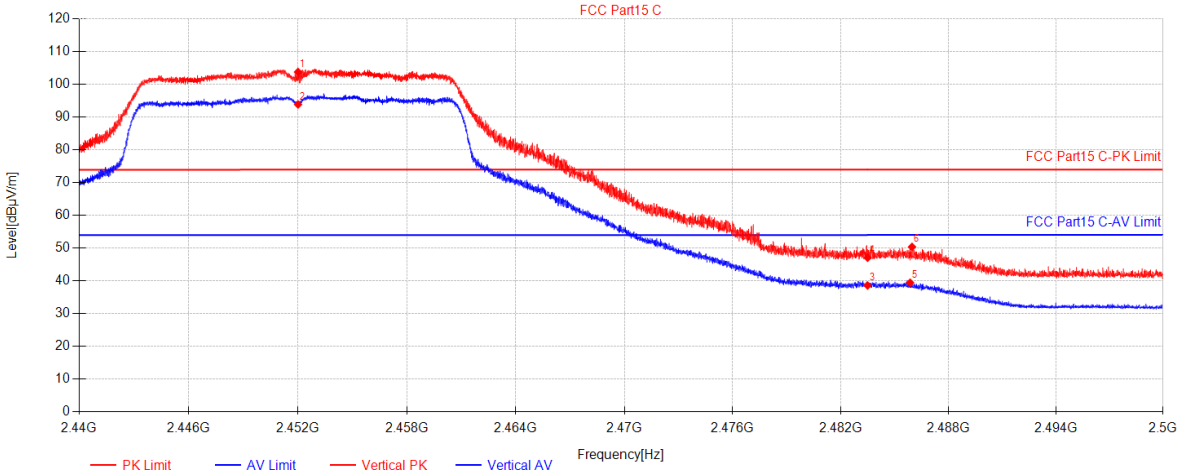

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	100.39	3.40	103.79	-	-	178	266	Vertical
2	2452.0000	90.49	3.40	93.89	-	-	178	266	Vertical
3	2483.5000	34.96	3.60	38.56	54.00	15.44	178	266	Vertical
4	2483.5000	43.47	3.60	47.07	74.00	26.93	178	266	Vertical
5	2485.87	35.80	3.61	39.41	54.00	14.59	178	266	Vertical
6	2485.975	46.74	3.61	50.35	74.00	23.65	178	266	Vertical

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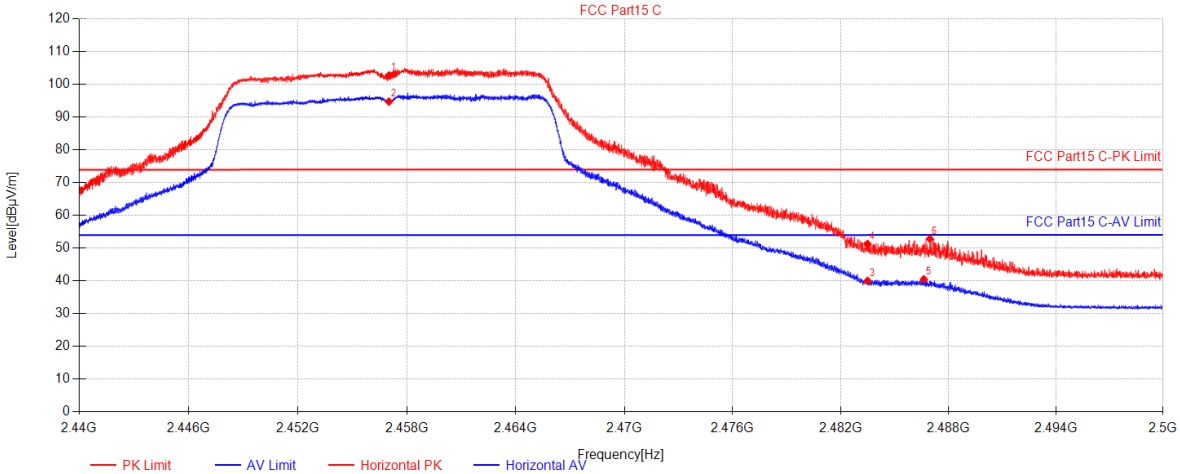

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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2457.0000	99.29	3.43	102.72	-	-	175	218	Horizontal
2	2457.0000	91.32	3.43	94.75	-	-	175	218	Horizontal
3	2483.5000	36.39	3.60	39.99	54.00	14.01	175	218	Horizontal
4	2483.5000	47.64	3.60	51.24	74.00	22.76	175	218	Horizontal
5	2486.635	36.85	3.62	40.47	54.00	13.53	175	218	Horizontal
6	2486.9725	49.17	3.62	52.79	74.00	21.21	175	218	Horizontal

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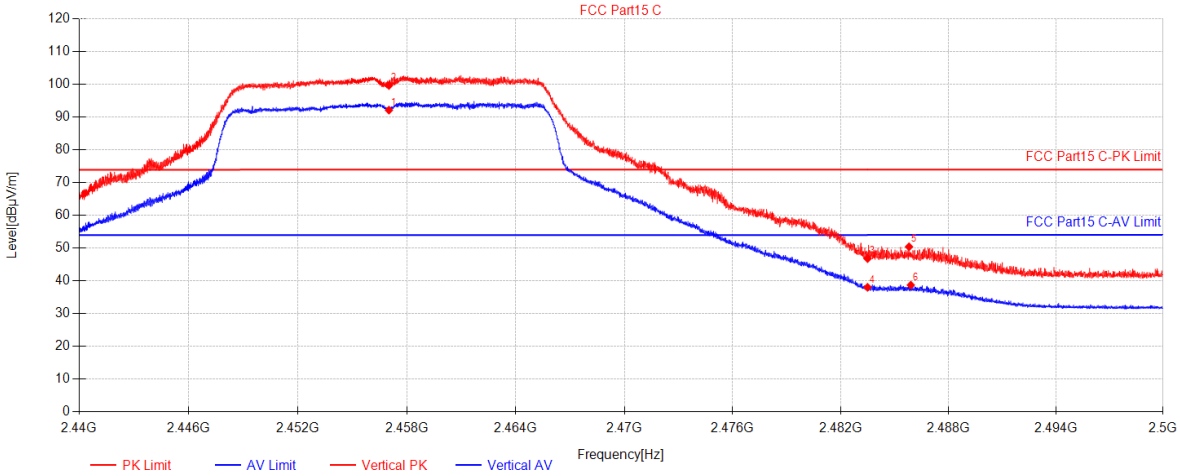
802.11n20_Channel 10



Final Data List									
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1	2457.0000	88.72	3.43	92.15	-	-	274	252	Vertical
2	2457.0000	96.24	3.43	99.67	-	-	274	252	Vertical
3	2483.5000	43.19	3.60	46.79	74.00	27.21	274	252	Vertical
4	2483.5000	34.41	3.60	38.01	54.00	15.99	274	252	Vertical
5	2485.81	46.78	3.61	50.39	74.00	23.61	274	252	Vertical
6	2485.9075	35.08	3.61	38.69	54.00	15.31	274	252	Vertical

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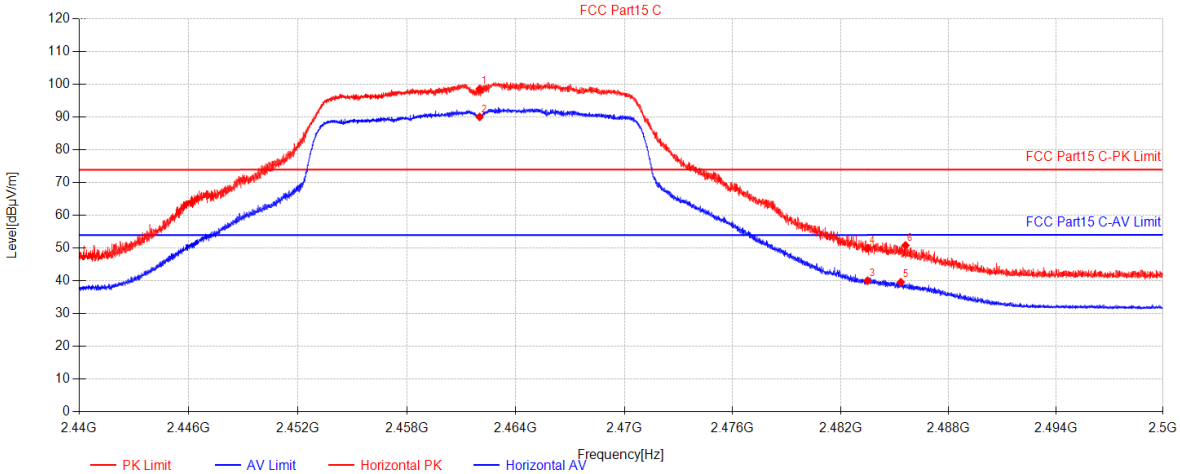
802.11n20_Channel 11



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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	95.19	3.46	98.65	-	-	189	216	Horizontal
2	2462.0000	86.61	3.46	90.07	-	-	189	216	Horizontal
3	2483.5000	36.42	3.60	40.02	54.00	13.98	189	216	Horizontal
4	2483.5000	46.37	3.60	49.97	74.00	24.03	189	216	Horizontal
5	2485.3525	35.96	3.61	39.57	54.00	14.43	189	216	Horizontal
6	2485.6075	47.21	3.61	50.82	74.00	23.18	189	216	Horizontal

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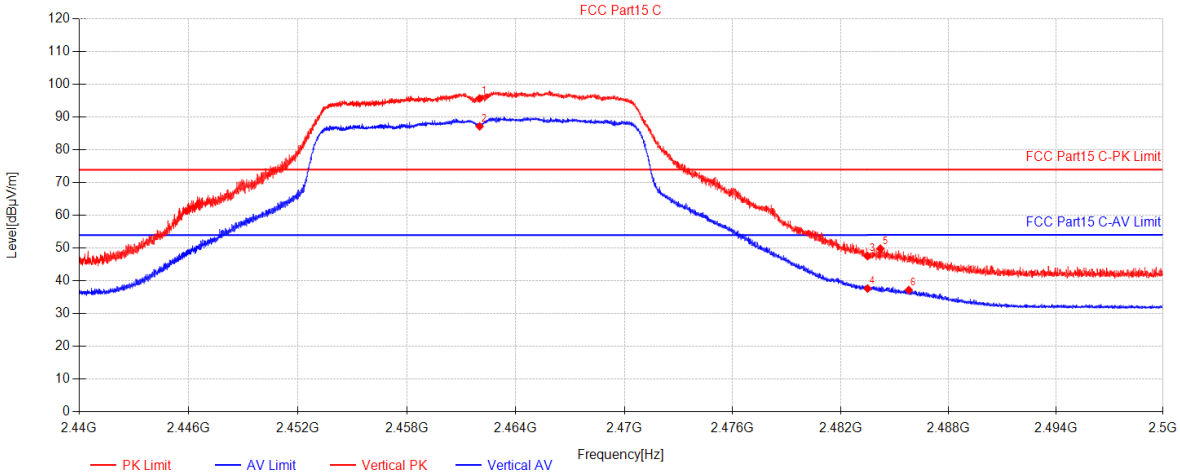

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	92.26	3.46	95.72	-	-	128	255	Vertical
2	2462.0000	83.73	3.46	87.19	-	-	128	255	Vertical
3	2483.5000	43.94	3.60	47.54	74.00	26.46	128	255	Vertical
4	2483.5000	34.03	3.60	37.63	54.00	16.37	128	255	Vertical
5	2484.2125	46.22	3.60	49.82	74.00	24.18	128	255	Vertical
6	2485.795	33.56	3.61	37.17	54.00	16.83	128	255	Vertical

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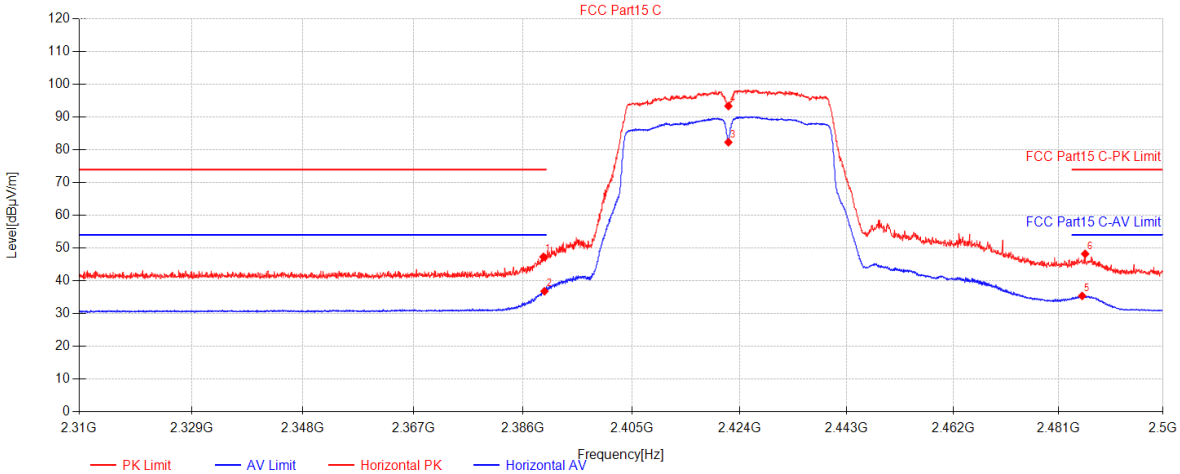

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.56	44.24	3.07	47.31	74.00	26.69	112	338	Horizontal
2	2389.7333	33.73	3.07	36.80	54.00	17.20	112	338	Horizontal
3	2422.0000	79.12	3.21	82.33	-	-	112	338	Horizontal
4	2422.0000	90.18	3.21	93.39	-	-	112	338	Horizontal
5	2485.3	31.76	3.61	35.37	54.00	18.63	112	338	Horizontal
6	2485.84	44.60	3.61	48.21	74.00	25.79	112	338	Horizontal

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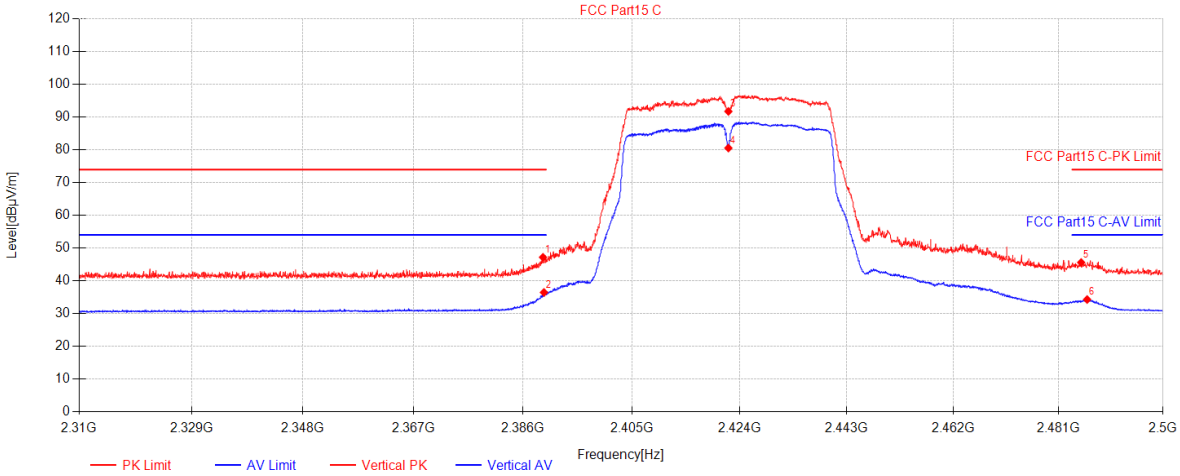

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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.4733	44.11	3.07	47.18	74.00	26.82	128	252	Vertical
2	2389.6467	33.37	3.07	36.44	54.00	17.56	128	252	Vertical
3	2422.0000	88.55	3.21	91.76	-	-	128	252	Vertical
4	2422.0000	77.35	3.21	80.56	-	-	128	252	Vertical
5	2485.12	41.98	3.61	45.59	74.00	28.41	128	252	Vertical
6	2486.2	30.66	3.61	34.27	54.00	19.73	128	252	Vertical

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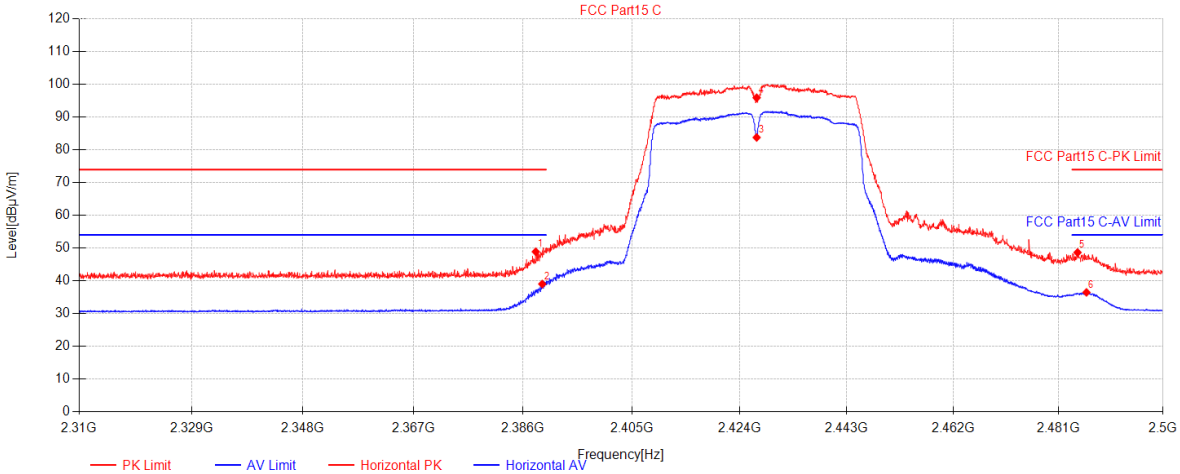

Final Data List									
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1	2388.2167	45.80	3.07	48.87	74.00	25.13	128	340	Horizontal
2	2389.3433	35.94	3.07	39.01	54.00	14.99	128	340	Horizontal
3	2427.0000	80.56	3.24	83.80	-	-	128	340	Horizontal
4	2427.0000	92.69	3.24	95.93	-	-	128	340	Horizontal
5	2484.46	45.05	3.60	48.65	74.00	25.35	128	340	Horizontal
6	2486.08	32.84	3.61	36.45	54.00	17.55	128	340	Horizontal

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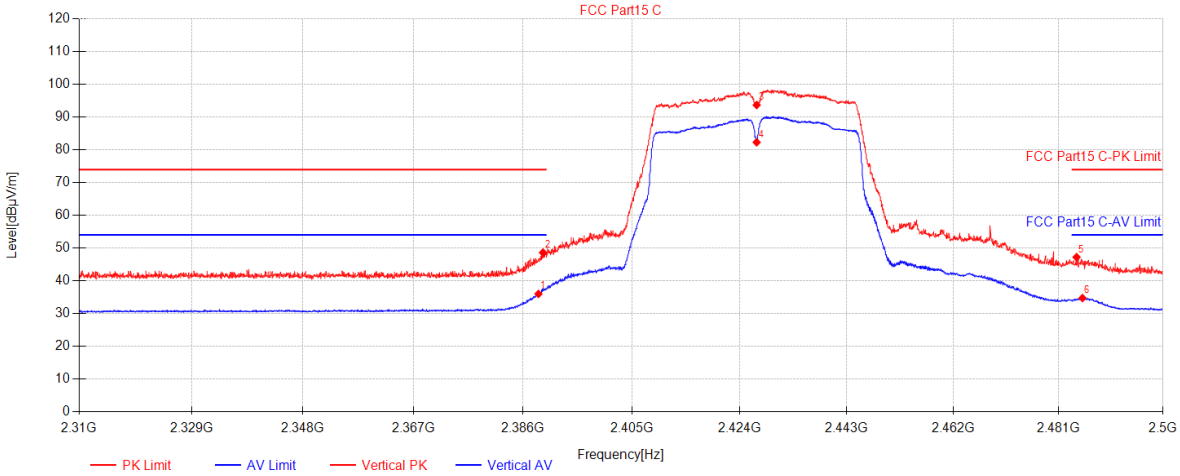

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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.6933	32.92	3.07	35.99	54.00	18.01	127	109	Vertical
2	2389.4733	45.54	3.07	48.61	74.00	25.39	127	109	Vertical
3	2427.0000	90.47	3.24	93.71	-	-	127	109	Vertical
4	2427.0000	79.07	3.24	82.31	-	-	127	109	Vertical
5	2484.28	43.62	3.60	47.22	74.00	26.78	127	109	Vertical
6	2485.36	31.12	3.61	34.73	54.00	19.27	127	109	Vertical

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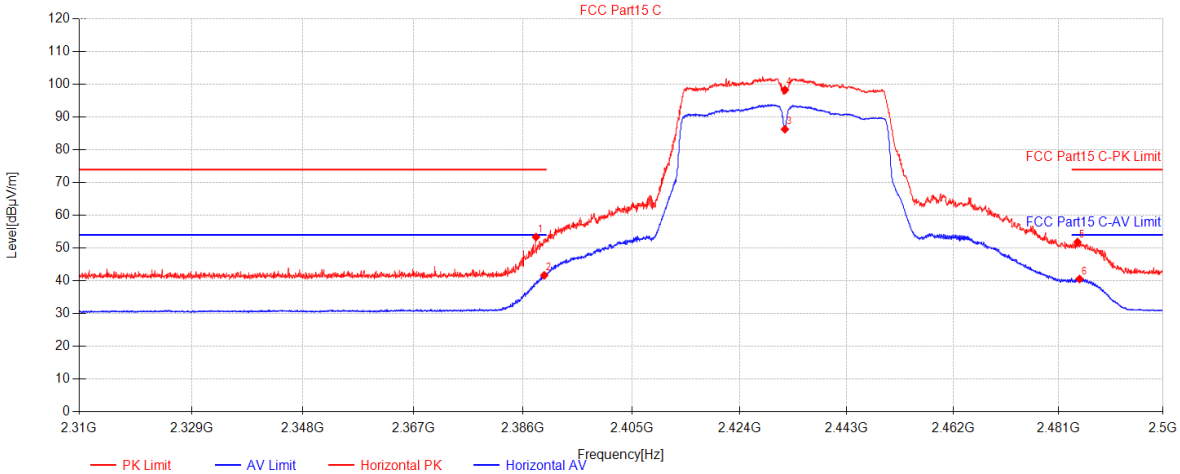

Final Data List									
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1	2388.26	50.30	3.07	53.37	74.00	20.63	114	340	Horizontal
2	2389.69	38.58	3.07	41.65	54.00	12.35	126	340	Horizontal
3	2432.0000	83.02	3.27	86.29	-	-	234	340	Horizontal
4	2432.0000	95.07	3.27	98.34	-	-	104	340	Horizontal
5	2484.46	48.24	3.60	51.84	74.00	22.16	284	340	Horizontal
6	2484.82	36.95	3.60	40.55	54.00	13.45	196	340	Horizontal

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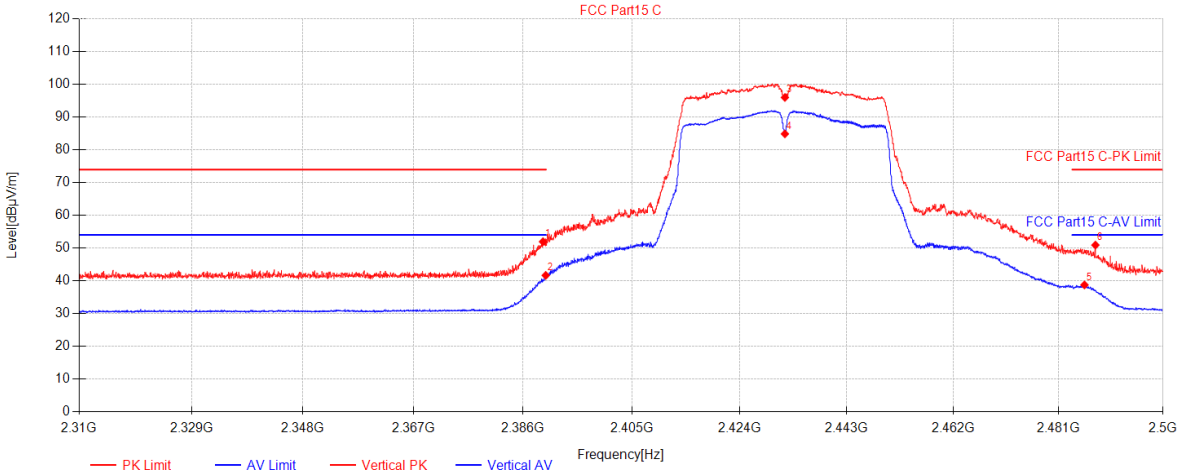

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.4733	48.88	3.07	51.95	74.00	22.05	129	85	Vertical
2	2389.95	38.58	3.07	41.65	54.00	12.35	129	85	Vertical
3	2432.0000	92.74	3.27	96.01	-	-	129	85	Vertical
4	2432.0000	81.61	3.27	84.88	-	-	129	85	Vertical
5	2485.72	35.13	3.61	38.74	54.00	15.26	129	85	Vertical
6	2487.7	47.29	3.62	50.91	74.00	23.09	129	85	Vertical

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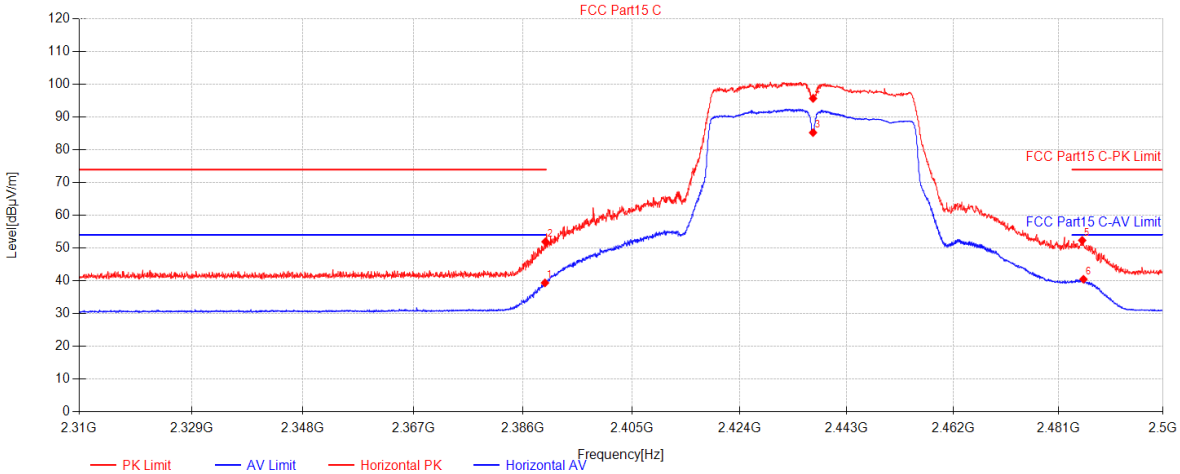
802.11n40_Channel 06



Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.82	36.28	3.07	39.35	54.00	14.65	148	19	Horizontal
2	2389.9067	48.86	3.07	51.93	74.00	22.07	148	19	Horizontal
3	2437.0000	81.98	3.30	85.28	-	-	148	19	Horizontal
4	2437.0000	92.41	3.30	95.71	-	-	148	19	Horizontal
5	2485.3	48.74	3.61	52.35	74.00	21.65	148	19	Horizontal
6	2485.54	36.86	3.61	40.47	54.00	13.53	148	19	Horizontal

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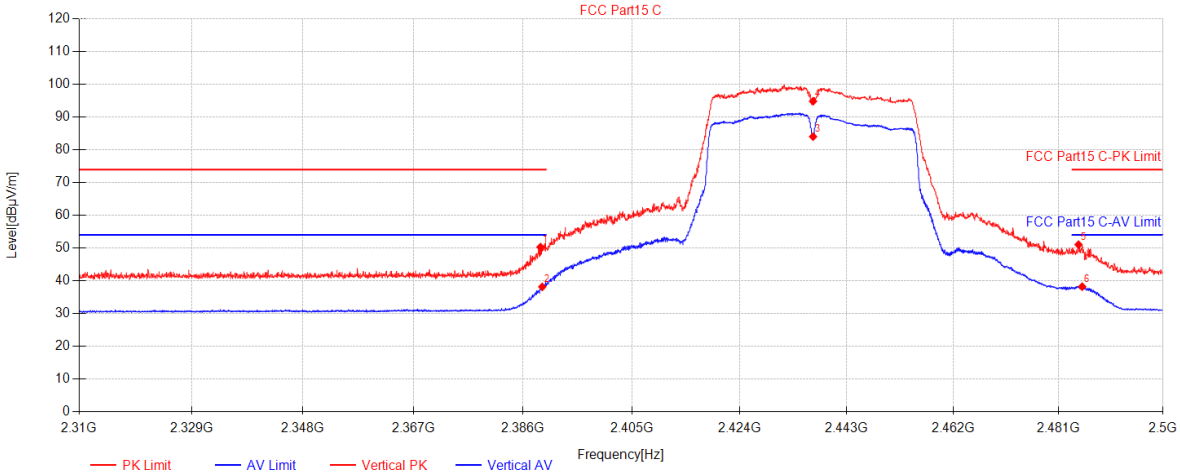

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.04	47.23	3.07	50.30	74.00	23.70	274	125	Vertical
2	2389.3433	35.08	3.07	38.15	54.00	15.85	274	125	Vertical
3	2437.0000	80.75	3.30	84.05	-	-	274	125	Vertical
4	2437.0000	91.56	3.30	94.86	-	-	274	125	Vertical
5	2484.64	47.44	3.60	51.04	74.00	22.96	274	125	Vertical
6	2485.3	34.60	3.61	38.21	54.00	15.79	274	125	Vertical

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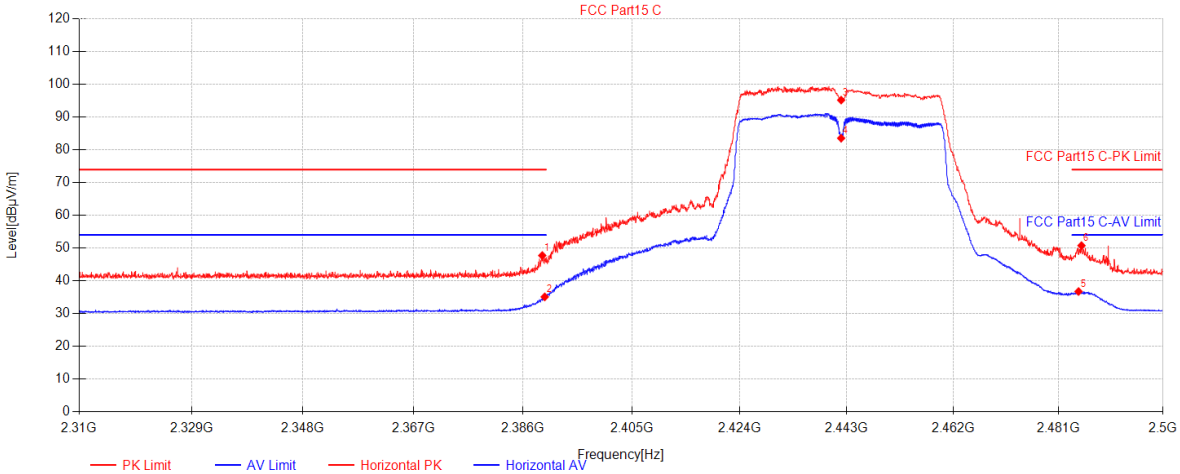
802.11n40_Channel 07



Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.3433	44.65	3.07	47.72	74.00	26.28	130	197	Horizontal
2	2389.7767	32.01	3.07	35.08	54.00	18.92	130	197	Horizontal
3	2442.0000	91.88	3.33	95.21	-	-	130	197	Horizontal
4	2442.0000	80.24	3.33	83.57	-	-	130	197	Horizontal
5	2484.64	33.12	3.60	36.72	54.00	17.28	130	197	Horizontal
6	2485.18	47.14	3.61	50.75	74.00	23.25	130	197	Horizontal

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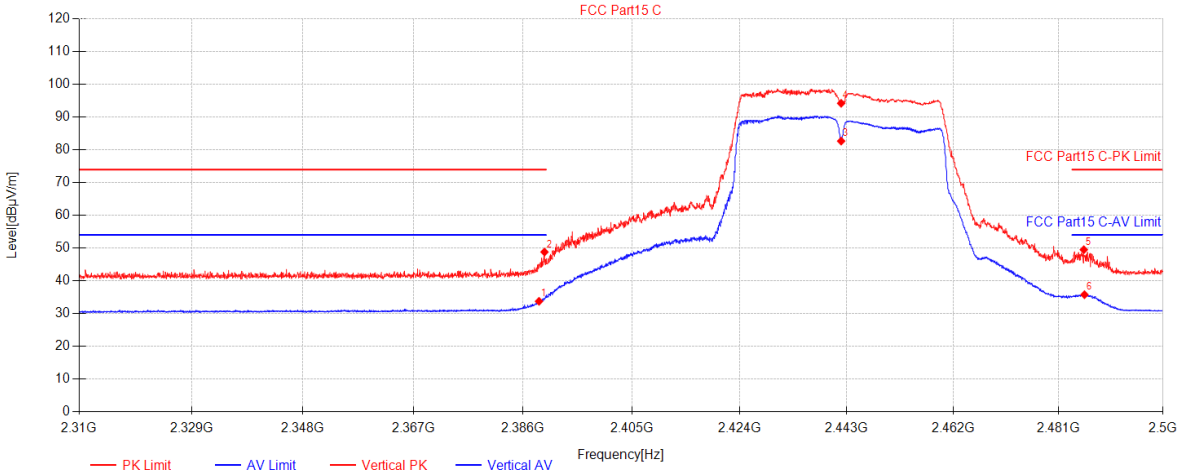

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.78	30.66	3.07	33.73	54.00	20.27	142	262	Vertical
2	2389.7333	45.72	3.07	48.79	74.00	25.21	142	262	Vertical
3	2442.0000	79.36	3.33	82.69	-	-	142	262	Vertical
4	2442.0000	90.90	3.33	94.23	-	-	142	262	Vertical
5	2485.6	45.89	3.61	49.50	74.00	24.50	142	262	Vertical
6	2485.72	32.14	3.61	35.75	54.00	18.25	142	262	Vertical

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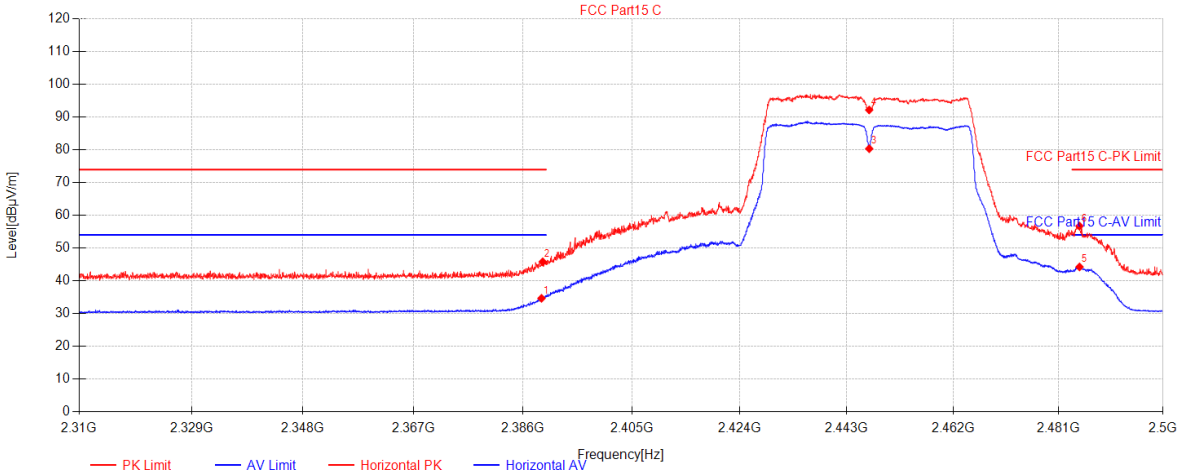

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.2133	31.57	3.07	34.64	54.00	19.36	144	338	Horizontal
2	2389.43	42.74	3.07	45.81	74.00	28.19	144	338	Horizontal
3	2447.0000	76.99	3.37	80.36	-	-	144	338	Horizontal
4	2447.0000	88.83	3.37	92.20	-	-	144	338	Horizontal
5	2484.82	40.64	3.60	44.24	54.00	9.76	144	338	Horizontal
6	2484.82	53.12	3.60	56.72	74.00	17.28	144	338	Horizontal

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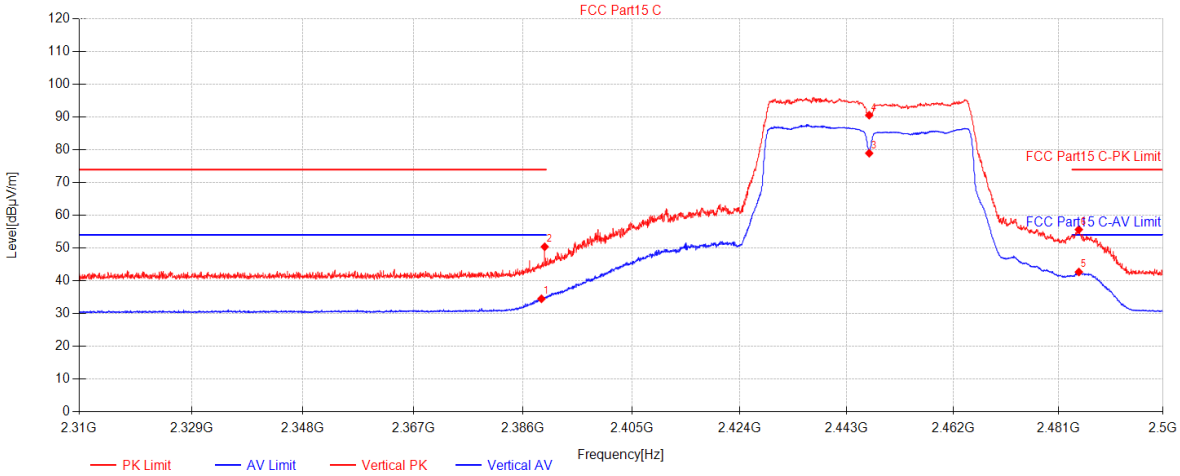

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.2133	31.43	3.07	34.50	54.00	19.50	128	252	Vertical
2	2389.7767	47.32	3.07	50.39	74.00	23.61	128	252	Vertical
3	2447.0000	75.61	3.37	78.98	-	-	128	252	Vertical
4	2447.0000	87.23	3.37	90.60	-	-	128	252	Vertical
5	2484.7	39.08	3.60	42.68	54.00	11.32	128	252	Vertical
6	2484.7	52.05	3.60	55.65	74.00	18.35	128	252	Vertical

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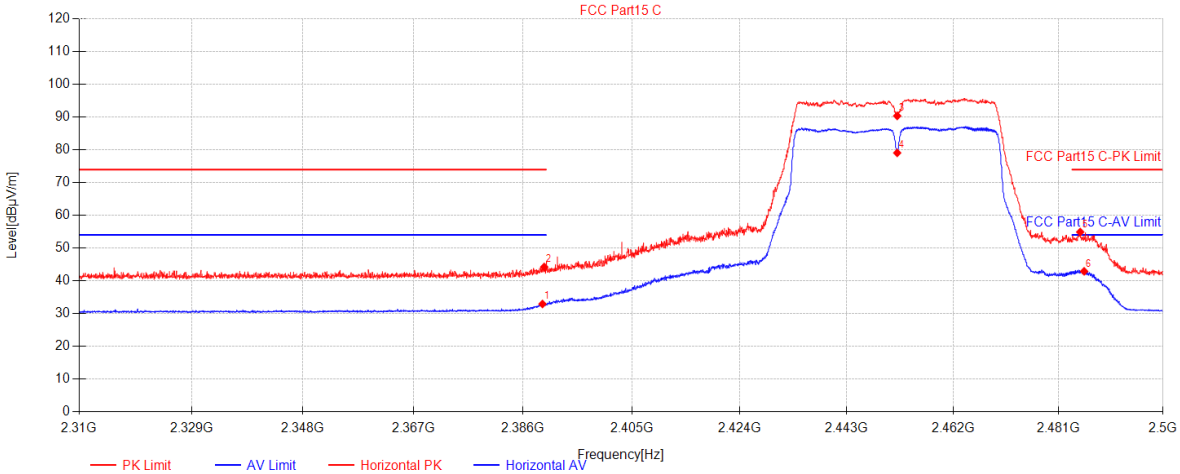

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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.3867	29.84	3.07	32.91	54.00	21.09	148	339	Horizontal
2	2389.69	41.16	3.07	44.23	74.00	29.77	148	339	Horizontal
3	2452.0000	86.99	3.40	90.39	-	-	148	339	Horizontal
4	2452.0000	75.68	3.40	79.08	-	-	148	339	Horizontal
5	2484.94	51.29	3.61	54.90	74.00	19.10	148	339	Horizontal
6	2485.66	39.28	3.61	42.89	54.00	11.11	148	339	Horizontal

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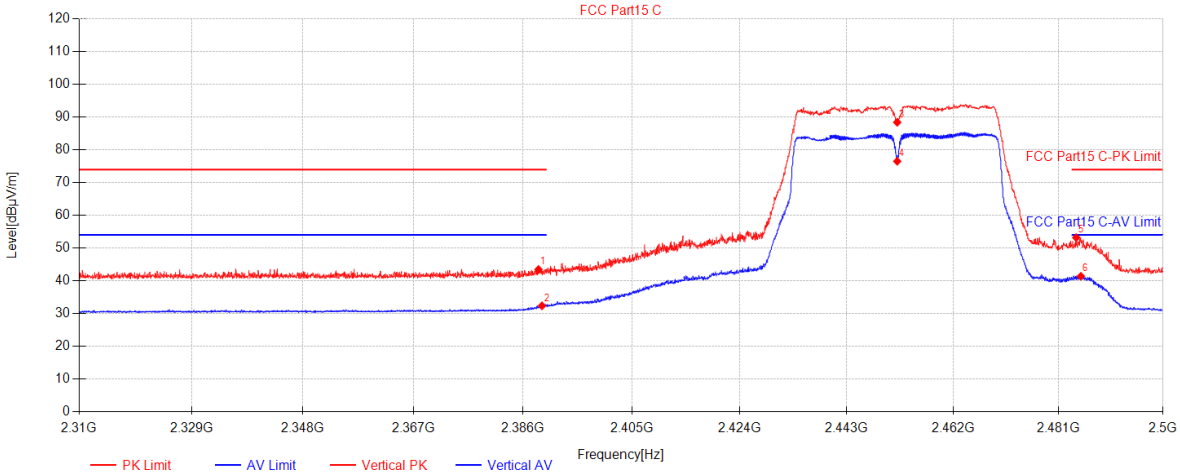

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.6933	40.38	3.07	43.45	74.00	30.55	122	214	Vertical
2	2389.3	29.28	3.07	32.35	54.00	21.65	122	214	Vertical
3	2452.0000	85.02	3.40	88.42	-	-	122	214	Vertical
4	2452.0000	73.12	3.40	76.52	-	-	122	214	Vertical
5	2484.22	49.59	3.60	53.19	74.00	20.81	122	214	Vertical
6	2485.06	37.78	3.61	41.39	54.00	12.61	122	214	Vertical

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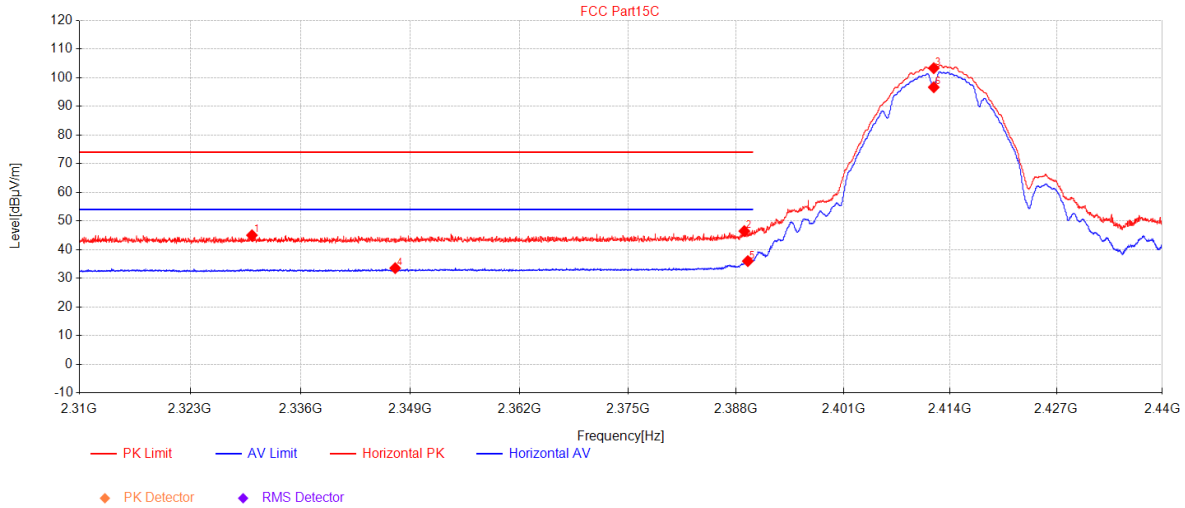
Test on the worst case:

Restricted bands around fundamental frequency

802.11b_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2330.28	41.98	3.01	44.99	74.00	29.01	133	29	Horizontal
2	2389.0075	43.18	3.25	46.43	74.00	27.57	133	29	Horizontal
3	2412	99.87	3.39	103.26	-	-	133	29	Horizontal
4	2347.2125	30.45	3.08	33.53	54.00	20.47	133	29	Horizontal
5	2389.43	32.70	3.26	35.96	54.00	18.04	133	29	Horizontal
6	2412	93.22	3.39	96.61	-	-	133	29	Horizontal

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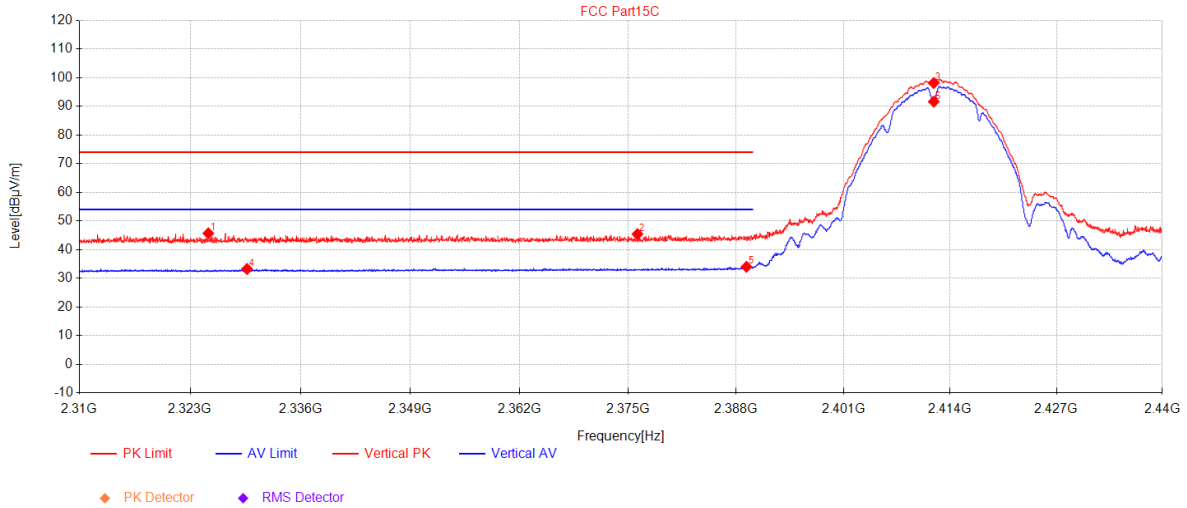
802.11b_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2325.145	42.67	2.99	45.66	74.00	28.34	368	133	Vertical
2	2376.1375	42.19	3.20	45.39	74.00	28.61	368	133	Vertical
3	2412	94.69	3.39	98.08	-	-	368	133	Vertical
4	2329.695	30.23	3.00	33.23	54.00	20.77	368	133	Vertical
5	2389.2675	30.74	3.25	33.99	54.00	20.01	368	133	Vertical
6	2412	88.20	3.39	91.59	-	-	368	133	Vertical

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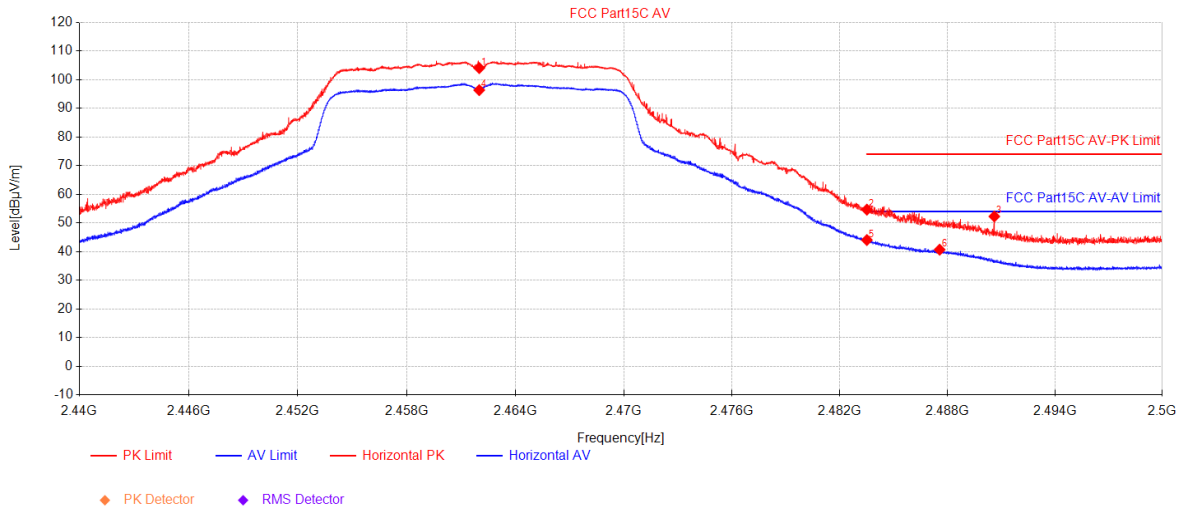
802.11g_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	100.25	3.75	104.00	-	-	148	25	Horizontal
2	2483.5	50.71	3.91	54.62	74.00	19.38	148	25	Horizontal
3	2490.61	48.28	3.96	52.24	74.00	21.76	148	25	Horizontal
4	2462	92.55	3.75	96.30	-	-	148	25	Horizontal
5	2483.5	40.10	3.91	44.01	54.00	9.99	148	25	Horizontal
6	2487.5575	36.71	3.94	40.65	54.00	13.35	148	25	Horizontal

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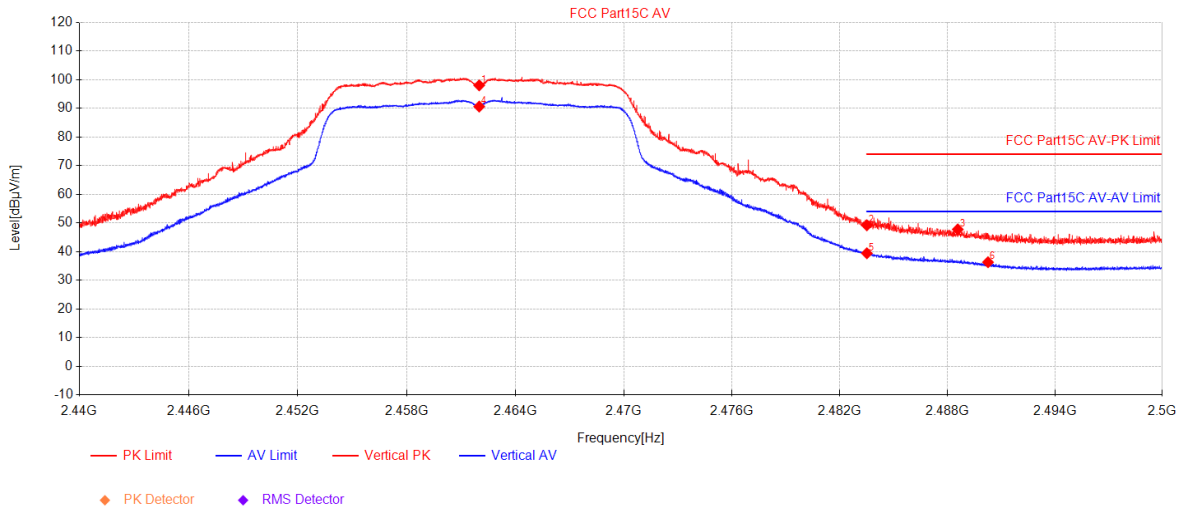
802.11g_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	94.22	3.75	97.97	-	-	388	334	Vertical
2	2483.5	45.26	3.91	49.17	74.00	24.83	388	334	Vertical
3	2488.57	43.78	3.95	47.73	74.00	26.27	388	334	Vertical
4	2462	86.83	3.75	90.58	-	-	388	334	Vertical
5	2483.5	35.49	3.91	39.40	54.00	14.60	388	334	Vertical
6	2490.2575	32.33	3.96	36.29	54.00	17.71	388	334	Vertical

The End

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