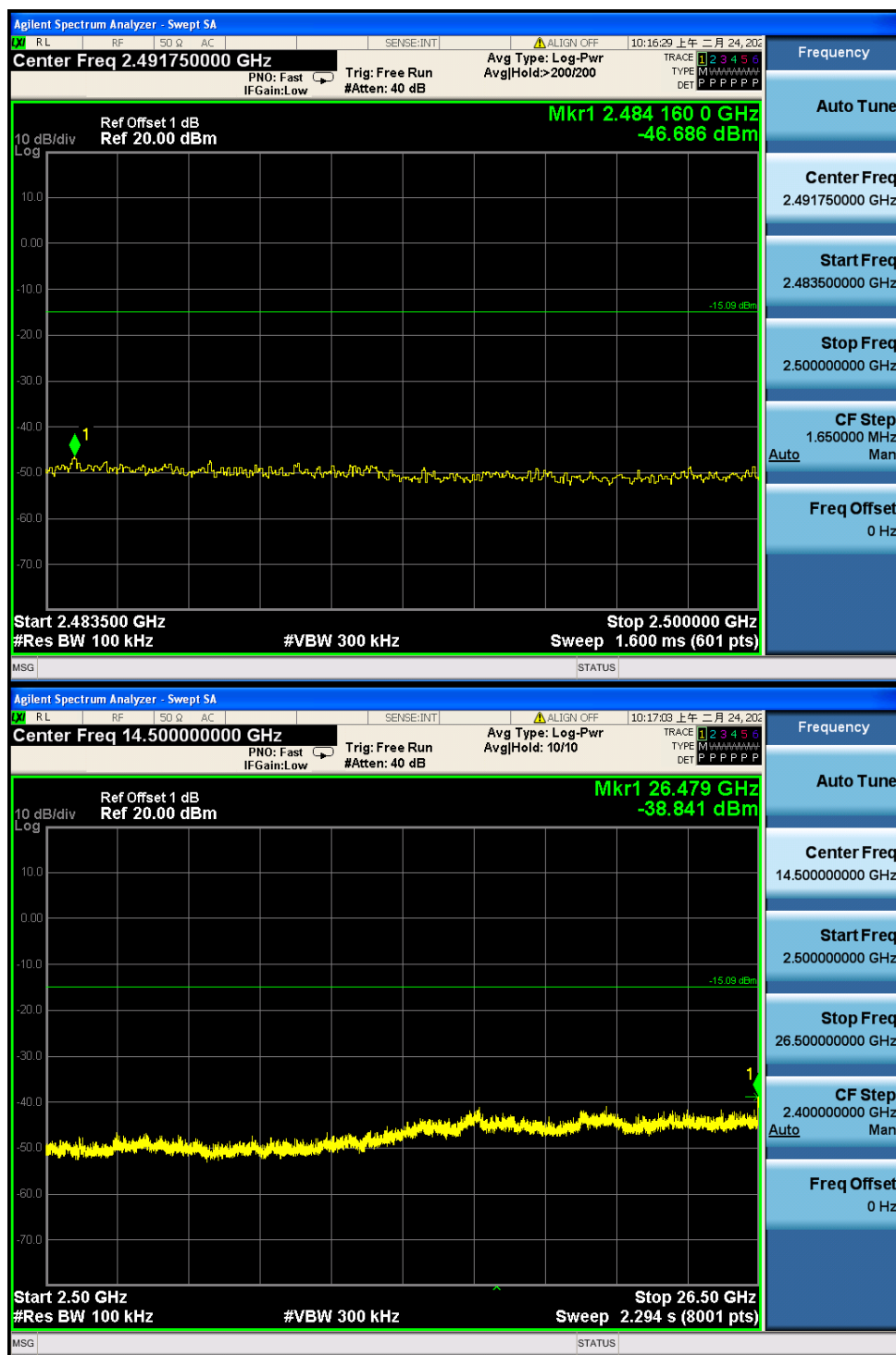




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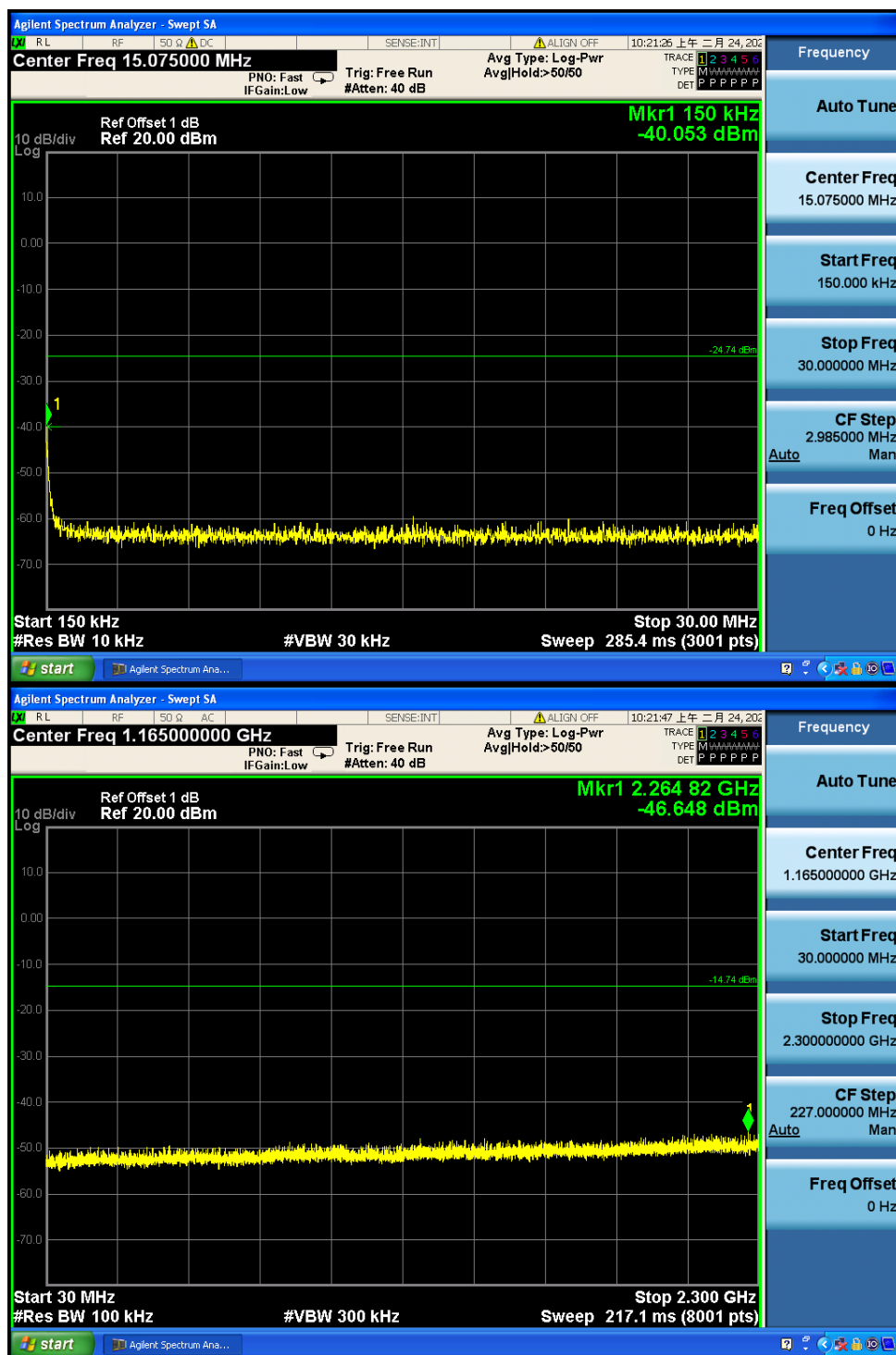
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4.8.1.1.9 802.11N20_Highest Channel





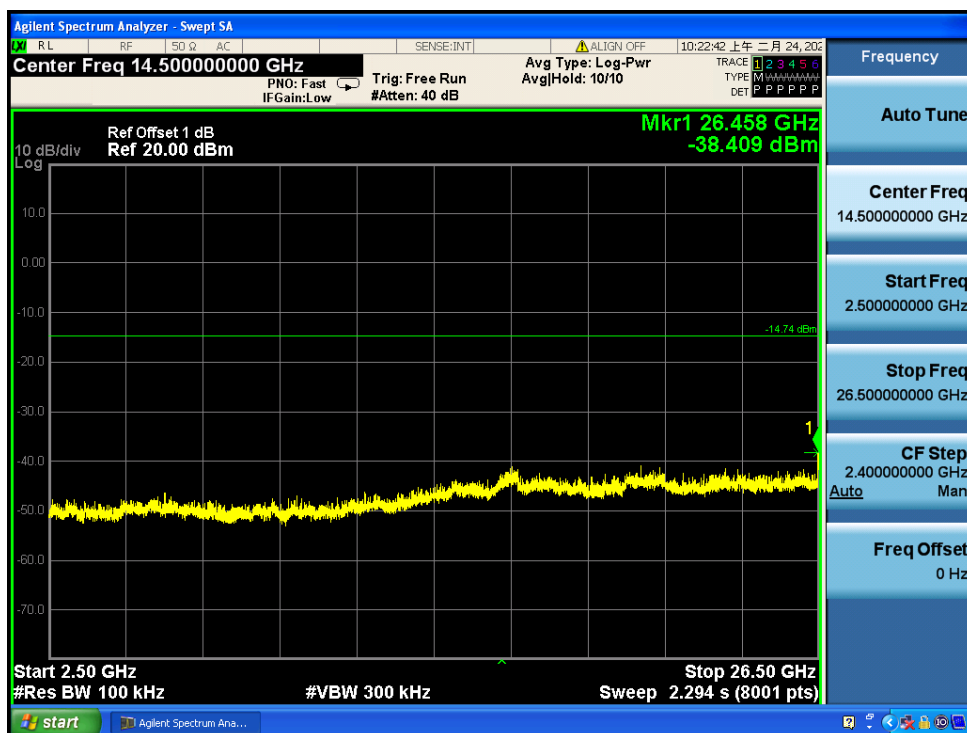


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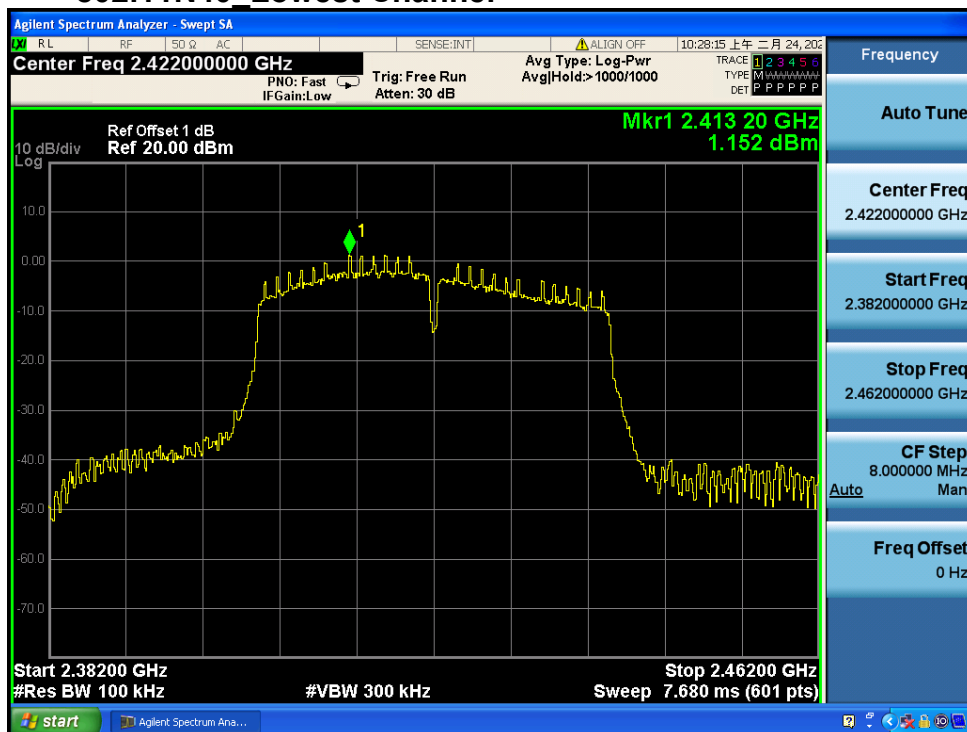
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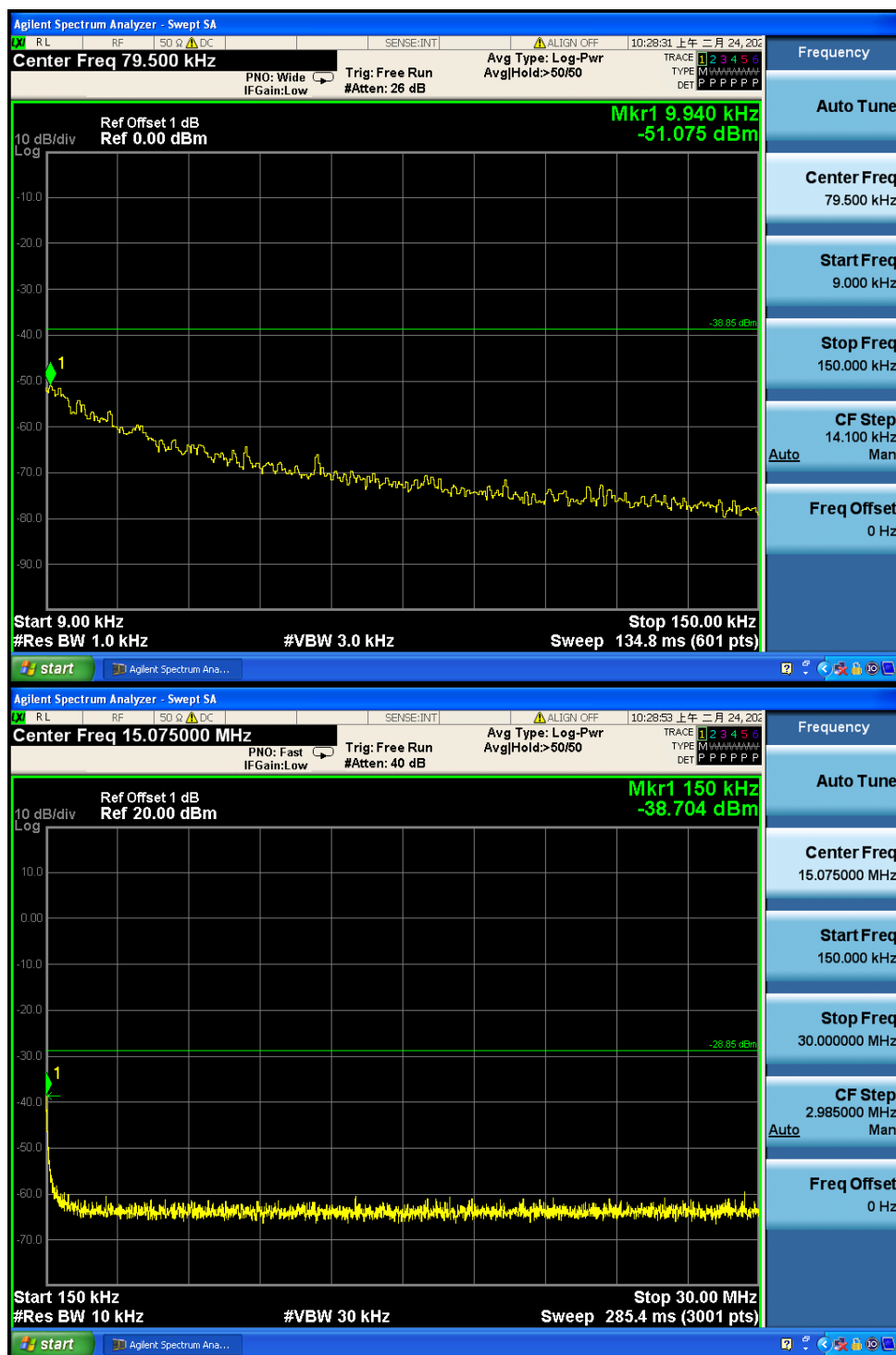
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4.8.1.1.10 802.11N40 Lowest Channel



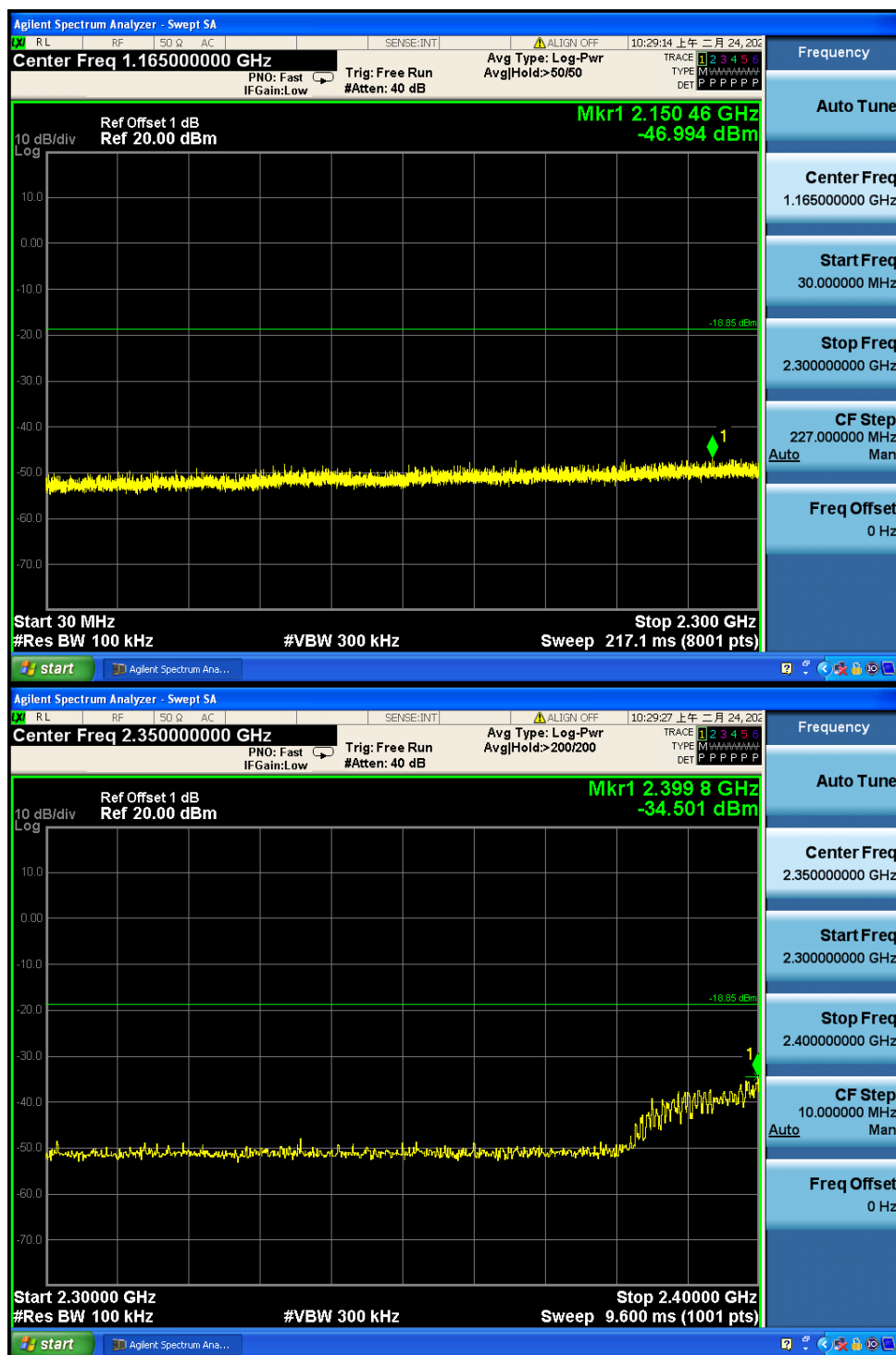


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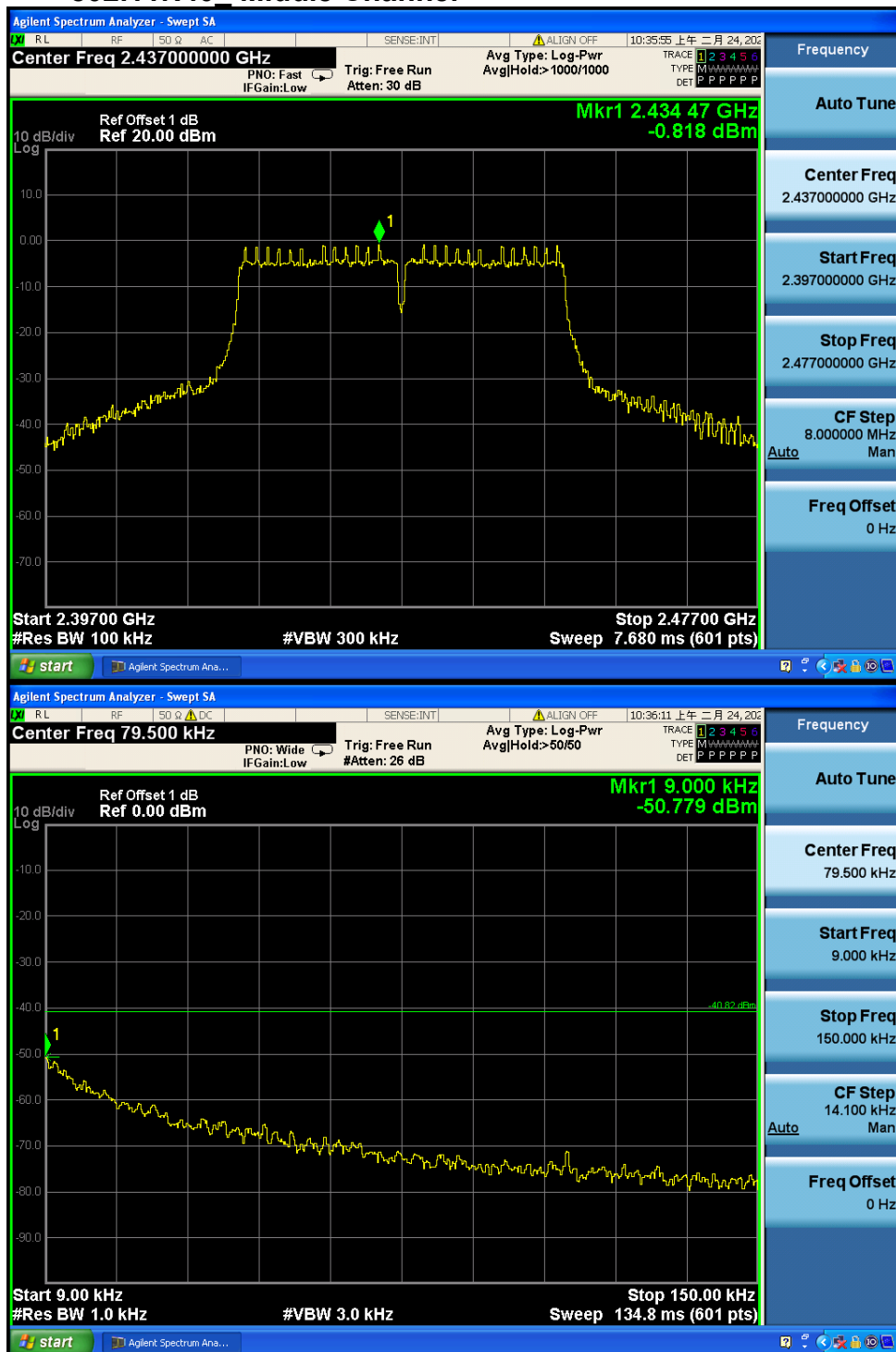
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4.8.1.1.11 802.11N40 Middle Channel

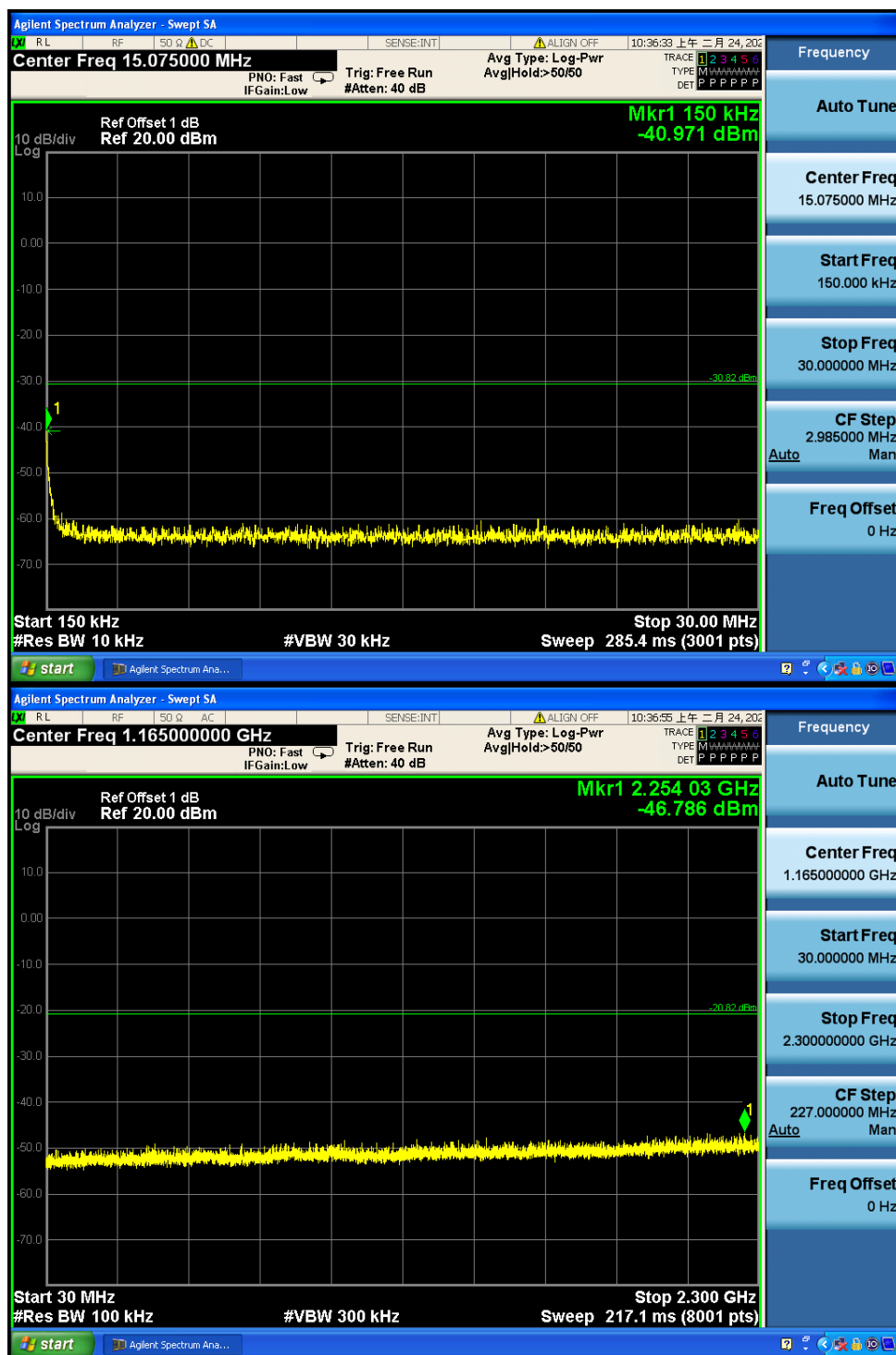


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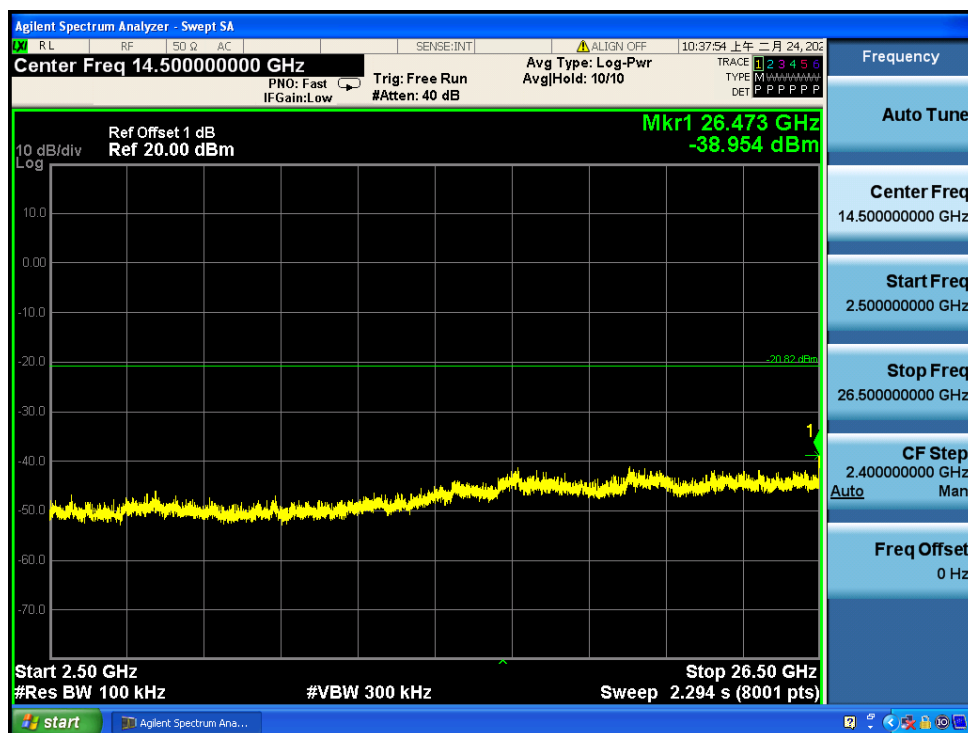
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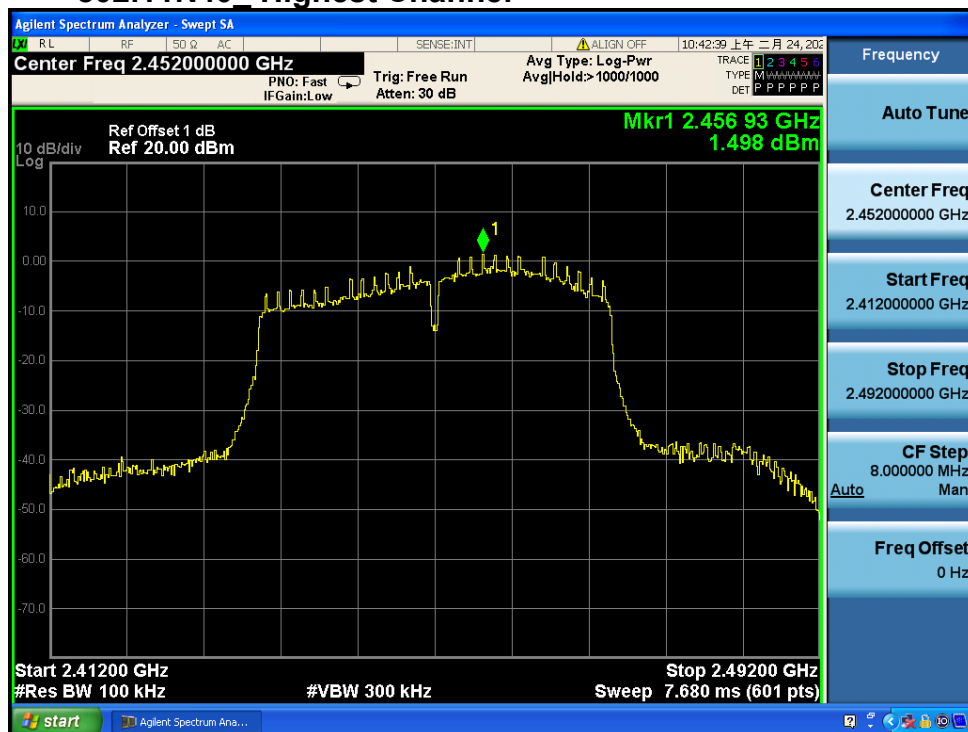


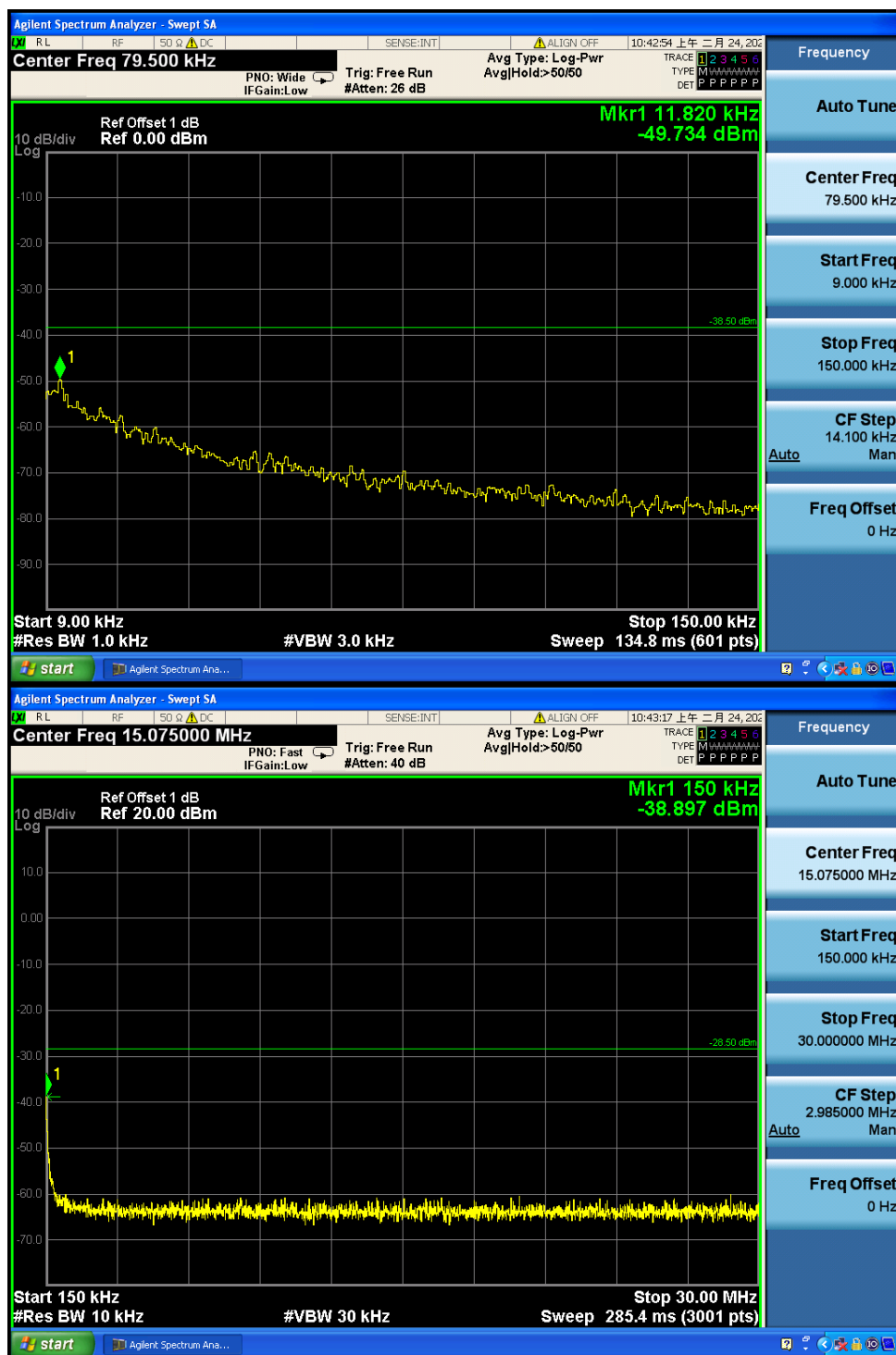
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4.8.1.1.12 802.11N40_Highest Channel





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Remark:

Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



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4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10 :2013 Section 11.12				
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Remark: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				

Test Setup:	
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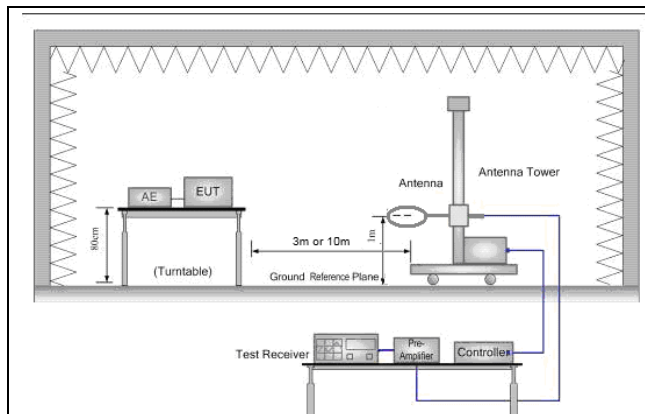


Figure 1. Below 30MHz

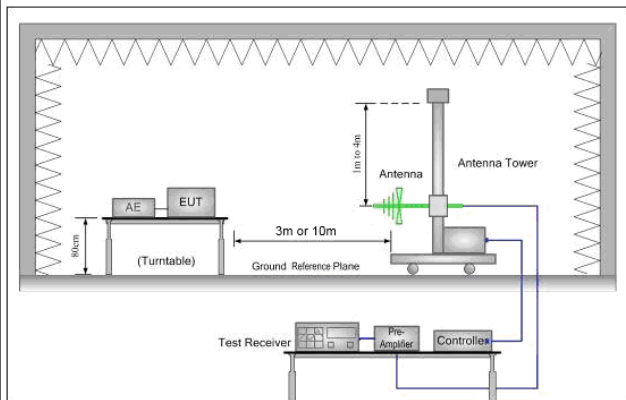


Figure 2. 30MHz to 1GHz

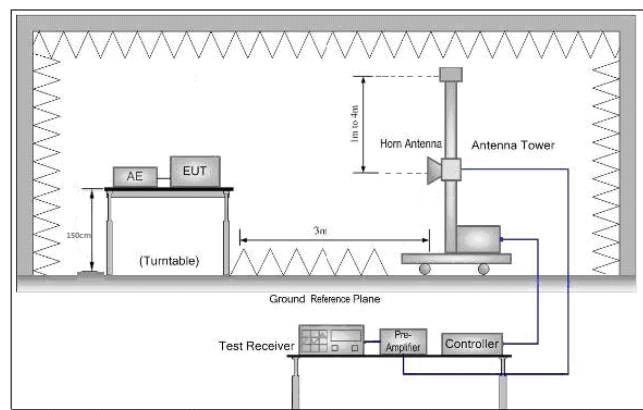


Figure 3. Above 1 GHz

Test Procedure:

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotating table was turned from 0 degrees to 360 degrees to find the maximum reading.
- Use the following spectrum analyzer settings:
 - Span shall be wide enough to fully capture the emission being measured;
 - Set RBW=100 kHz for $f < 1 \text{ GHz}$, RBW=1MHz for $f > 1 \text{ GHz}$; VBW $\geq$ RBW; Sweep = auto;





	Detector function = peak; Trace = max hold for peak (3) For average measurement: use duty cycle correction factor method per 15.35(c). Duty cycle = On time/100 milliseconds On time = $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$ Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulses, etc. Average Emission Level = Peak Emission Level + 20*log(Duty cycle) g. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. h. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. i. Test the EUT in the lowest channel, the middle channel, the Highest channel j. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. k. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.
Final Test Mode:	Pretest the EUT at Charge + Transmitting mode. Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11B at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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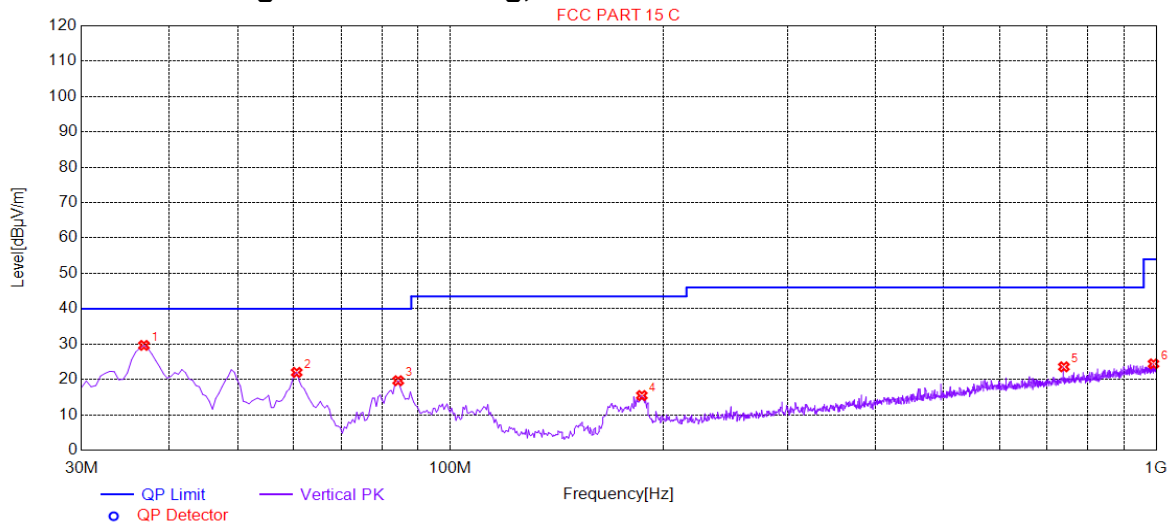
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4.9.1 Radiated emission below 1GHz

4.9.1.1 Charge + Transmitting, Vertical

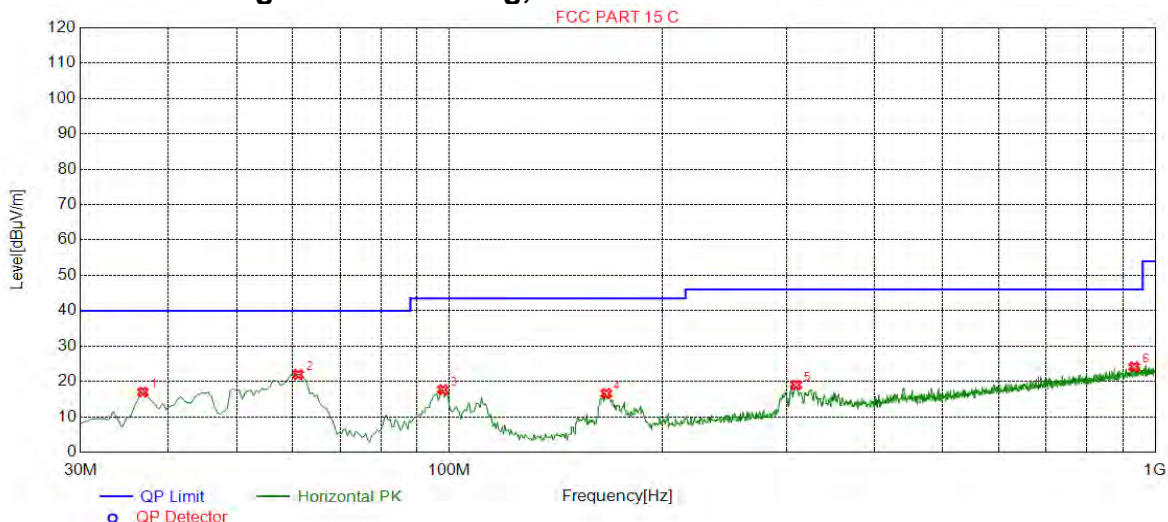


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7934	29.63	-32.19	40.00	10.37	150	260	Vertical
2	60.5703	21.99	-31.79	40.00	18.01	150	22	Vertical
3	84.3472	19.64	-34.79	40.00	20.36	150	260	Vertical
4	186.7334	15.46	-32.22	43.50	28.04	150	173	Vertical
5	739.9100	23.57	-17.70	46.00	22.43	150	285	Vertical
6	991.2656	24.41	-13.97	54.00	29.59	150	242	Vertical



4.9.1.2 Charge + Transmitting, Horizontal



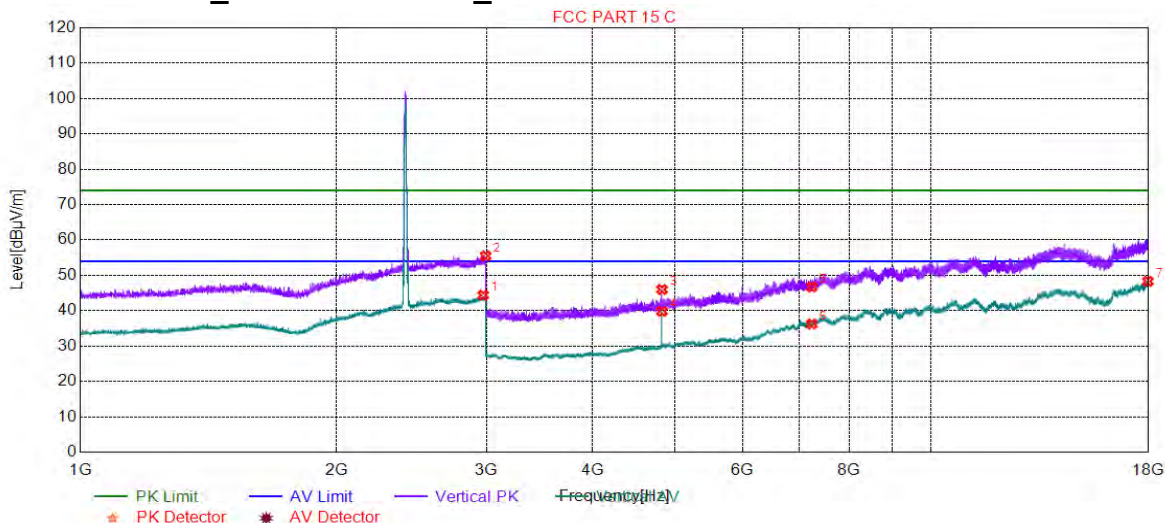
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7934	16.99	-32.19	40.00	23.01	150	141	Horizontal
2	61.0555	21.95	-31.91	40.00	18.05	150	150	Horizontal
3	97.9340	17.64	-32.04	43.50	25.86	150	254	Horizontal
4	166.8384	16.59	-33.83	43.50	26.91	150	263	Horizontal
5	309.9850	18.98	-27.56	46.00	27.02	150	257	Horizontal
6	933.5218	24.12	-14.72	46.00	21.88	150	344	Horizontal



4.9.2 Transmitter emission above 1GHz

4.9.2.1 ANT1

4.9.2.1.1 802.11B_Lowest Channel_ Vertical

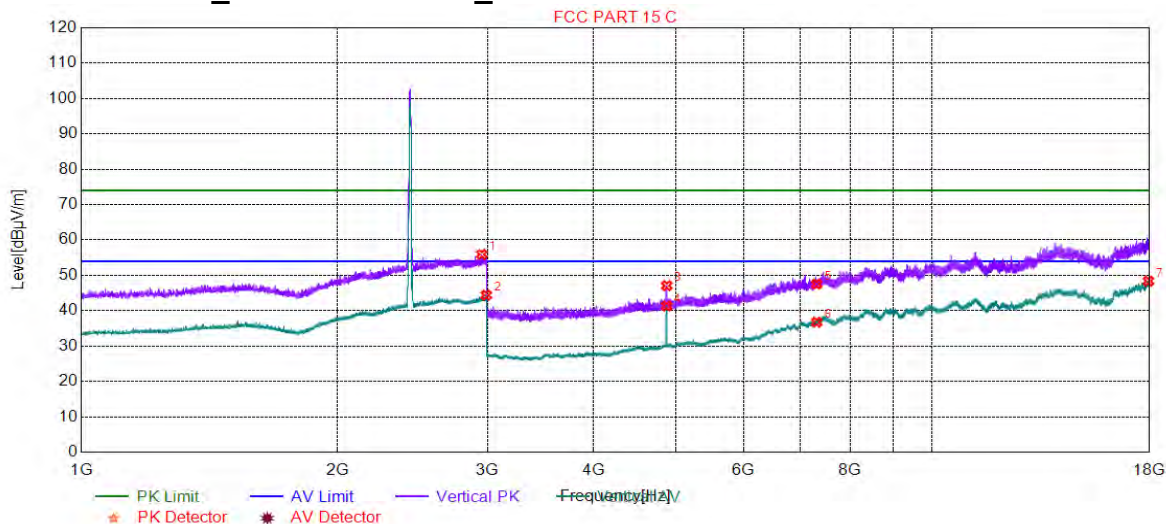


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2973.9935	44.39	9.57	54.00	9.61	150	31	Vertical
2	2993.9985	55.50	9.48	74.00	18.50	150	131	Vertical
3	4824.0000	46.02	-18.21	74.00	27.98	150	333	Vertical
4	4824.0000	39.81	-18.21	54.00	14.19	150	333	Vertical
5	7236.0000	46.71	-9.99	74.00	27.29	150	142	Vertical
6	7236.0000	36.24	-9.99	54.00	17.76	150	300	Vertical
7	17961.4981	48.31	1.71	54.00	5.69	150	28	Vertical



4.9.2.1.2 802.11B_ Middle Channel_ Vertical

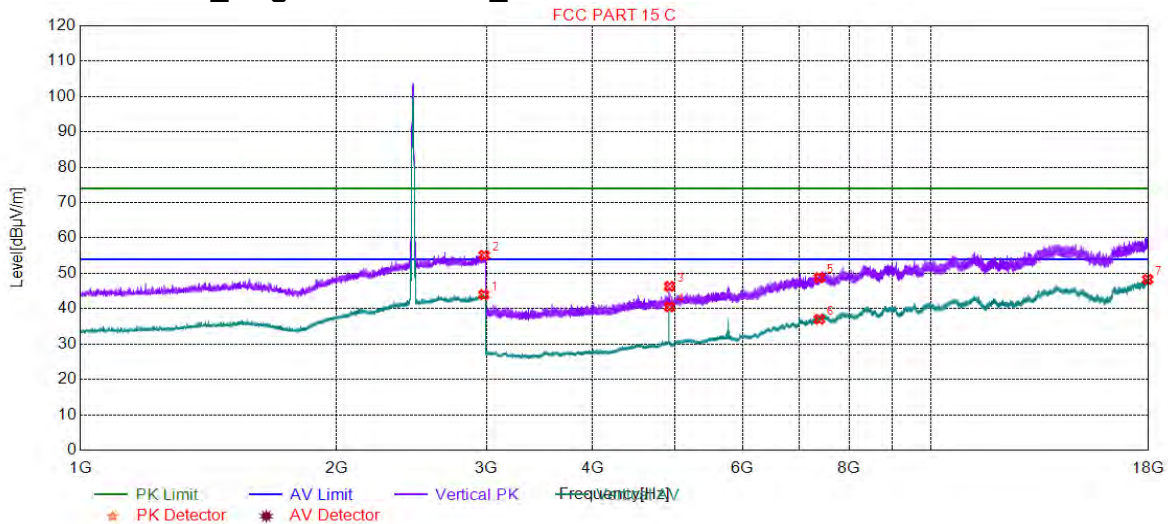


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2954.4886	55.93	9.66	74.00	18.07	150	359	Vertical
2	2990.9977	44.41	9.49	54.00	9.59	150	299	Vertical
3	4874.0000	47.09	-17.99	74.00	26.91	150	53	Vertical
4	4874.0000	41.32	-17.99	54.00	12.68	150	163	Vertical
5	7311.0000	47.52	-9.74	74.00	26.48	150	69	Vertical
6	7311.0000	36.76	-9.74	54.00	17.24	150	18	Vertical
7	17938.9469	48.36	1.70	54.00	5.64	150	69	Vertical



4.9.2.1.3 802.11B_ Highest Channel_ Vertical

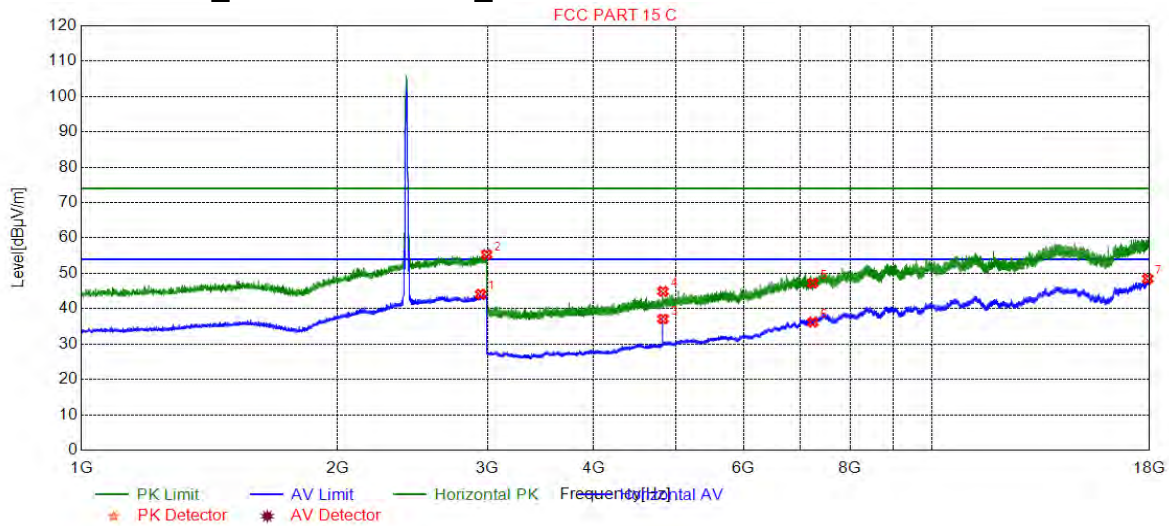


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2978.9947	43.96	9.55	54.00	10.04	150	87	Vertical
2	2982.4956	55.13	9.53	74.00	18.87	150	18	Vertical
3	4924.0000	46.31	-17.72	74.00	27.69	150	195	Vertical
4	4924.0000	40.55	-17.72	54.00	13.45	150	195	Vertical
5	7386.0000	48.79	-9.55	74.00	25.21	150	208	Vertical
6	7386.0000	37.03	-9.55	54.00	16.97	150	23	Vertical
7	17951.5976	48.29	1.71	54.00	5.71	150	23	Vertical



4.9.2.1.4 802.11B_Lowest Channel_ Horizontal

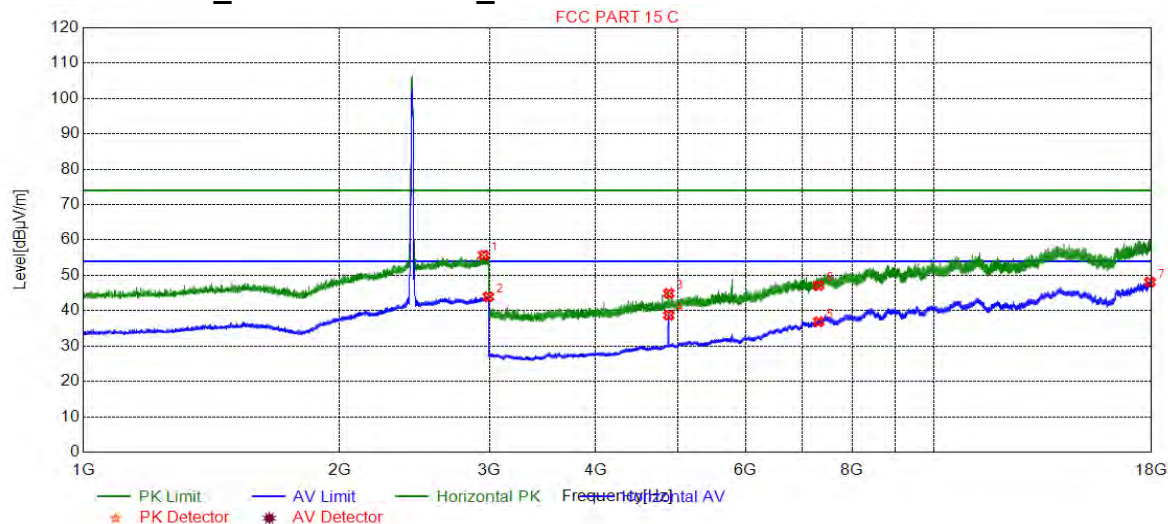


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2945.4864	44.11	9.63	54.00	9.89	150	218	Horizontal
2	2993.4984	55.31	9.48	74.00	18.69	150	302	Horizontal
3	4824.0000	37.10	-18.21	54.00	16.90	150	207	Horizontal
4	4824.0000	44.91	-18.21	74.00	29.09	150	207	Horizontal
5	7236.0000	47.22	-9.99	74.00	26.78	150	138	Horizontal
6	7236.0000	36.21	-9.99	54.00	17.79	150	138	Horizontal
7	17903.1952	48.47	1.69	54.00	5.53	150	81	Horizontal



4.9.2.1.5 802.11B_ Middle Channel_ Horizontal

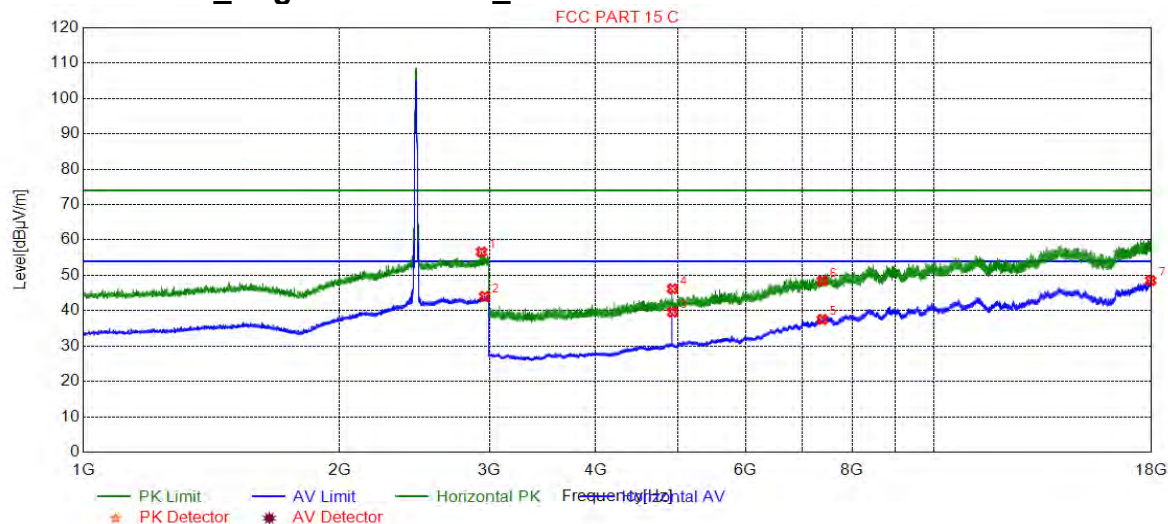


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2954.9887	55.71	9.66	74.00	18.29	150	116	Horizontal
2	2990.9977	43.96	9.49	54.00	10.04	150	116	Horizontal
3	4874.0000	44.89	-17.99	74.00	29.11	150	22	Horizontal
4	4874.0000	38.73	-17.99	54.00	15.27	150	215	Horizontal
5	7311.0000	36.88	-9.74	54.00	17.12	150	16	Horizontal
6	7311.0000	47.10	-9.74	74.00	26.90	150	226	Horizontal
7	17915.2958	48.11	1.69	54.00	5.89	150	226	Horizontal



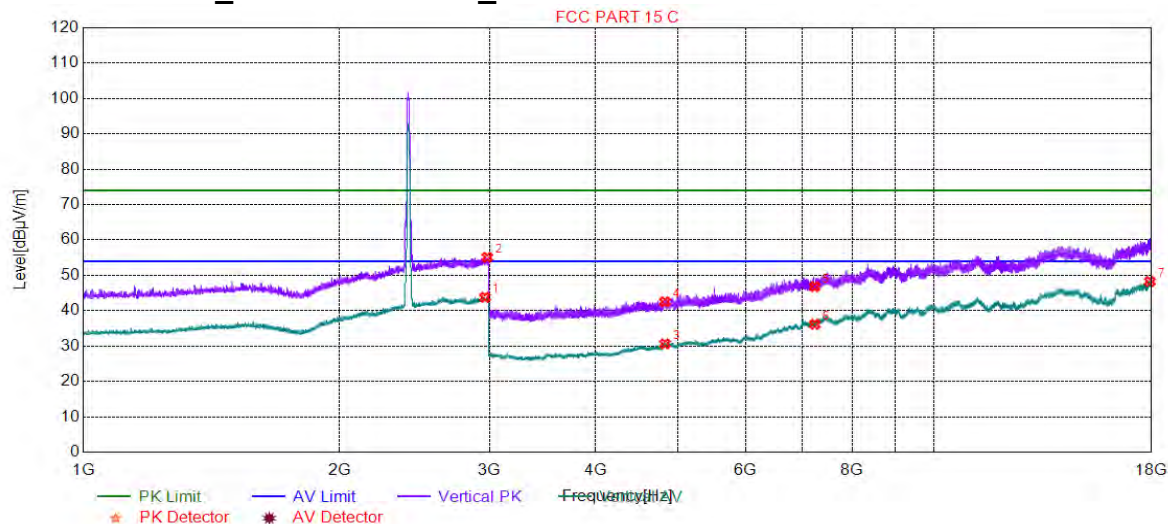
4.9.2.1.6 802.11B_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2936.9842	56.60	9.54	74.00	17.40	150	246	Horizontal
2	2961.9905	44.06	9.62	54.00	9.94	150	232	Horizontal
3	4924.0000	39.60	-17.72	54.00	14.40	150	28	Horizontal
4	4924.0000	46.20	-17.72	74.00	27.80	150	216	Horizontal
5	7386.0000	37.53	-9.55	54.00	16.47	150	34	Horizontal
6	7386.0000	48.43	-9.55	74.00	25.57	150	330	Horizontal
7	17955.9978	48.53	1.71	54.00	5.47	150	272	Horizontal



4.9.2.1.7 802.11G_Lowest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2964.4911	43.81	9.61	54.00	10.19	150	326	Vertical
2	2982.4956	55.10	9.53	74.00	18.90	150	149	Vertical
3	4824.0000	30.65	-18.21	54.00	23.35	150	174	Vertical
4	4824.0000	42.54	-18.21	74.00	31.46	150	328	Vertical
5	7236.0000	46.80	-9.99	74.00	27.20	150	33	Vertical
6	7236.0000	36.16	-9.99	54.00	17.84	150	298	Vertical
7	17915.2958	48.26	1.69	54.00	5.74	150	354	Vertical



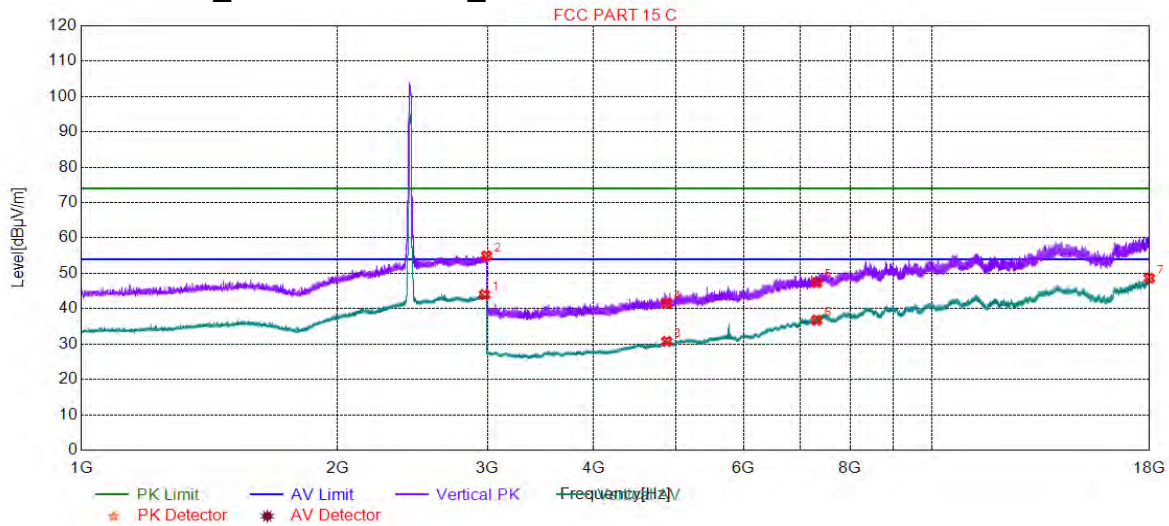
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4.9.2.1.8 802.11G_Middle Channel_Vertical

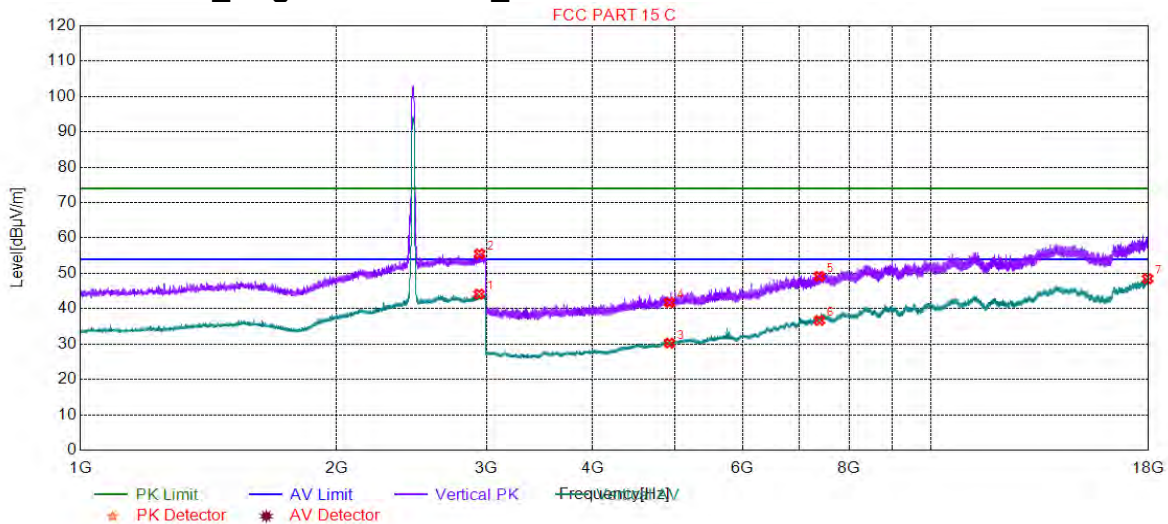


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2976.9942	43.98	9.56	54.00	10.02	150	75	Vertical
2	2993.4984	54.95	9.48	74.00	19.05	150	18	Vertical
3	4874.0000	30.75	-17.99	54.00	23.25	150	336	Vertical
4	4874.0000	41.52	-17.99	74.00	32.48	150	0	Vertical
5	7311.0000	47.36	-9.74	74.00	26.64	150	136	Vertical
6	7311.0000	36.77	-9.74	54.00	17.23	150	346	Vertical
7	17982.3991	48.66	1.71	54.00	5.34	150	136	Vertical



4.9.2.1.9 802.11G_ Highest Channel_ Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2940.9852	44.13	9.58	54.00	9.87	150	298	Vertical
2	2944.9862	55.52	9.63	74.00	18.48	150	312	Vertical
3	4924.0000	30.26	-17.72	54.00	23.74	150	52	Vertical
4	4924.0000	41.73	-17.72	74.00	32.27	150	311	Vertical
5	7386.0000	49.17	-9.55	74.00	24.83	150	249	Vertical
6	7386.0000	36.70	-9.55	54.00	17.30	150	27	Vertical
7	17949.9475	48.48	1.70	54.00	5.52	150	194	Vertical



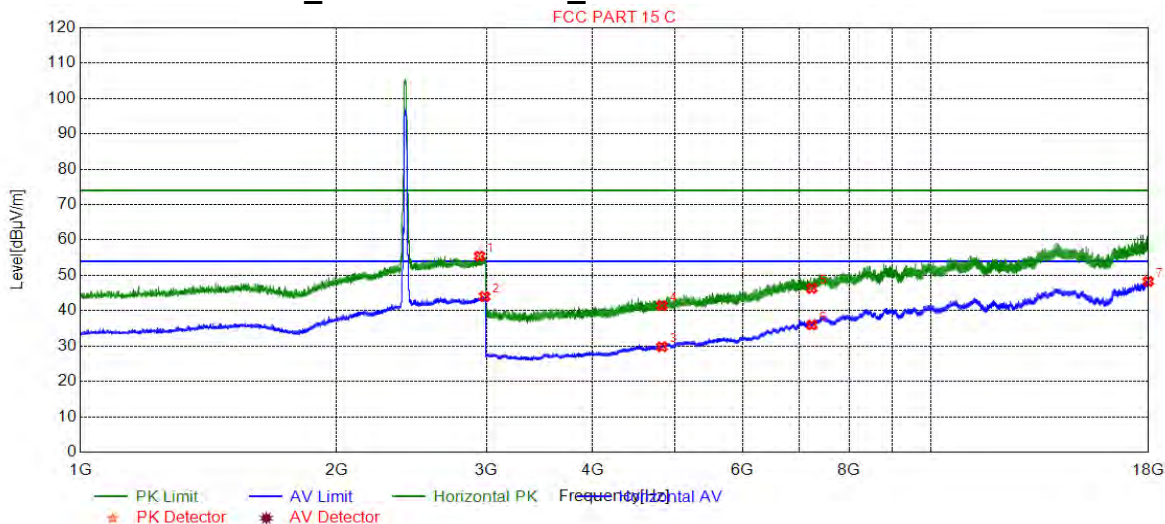
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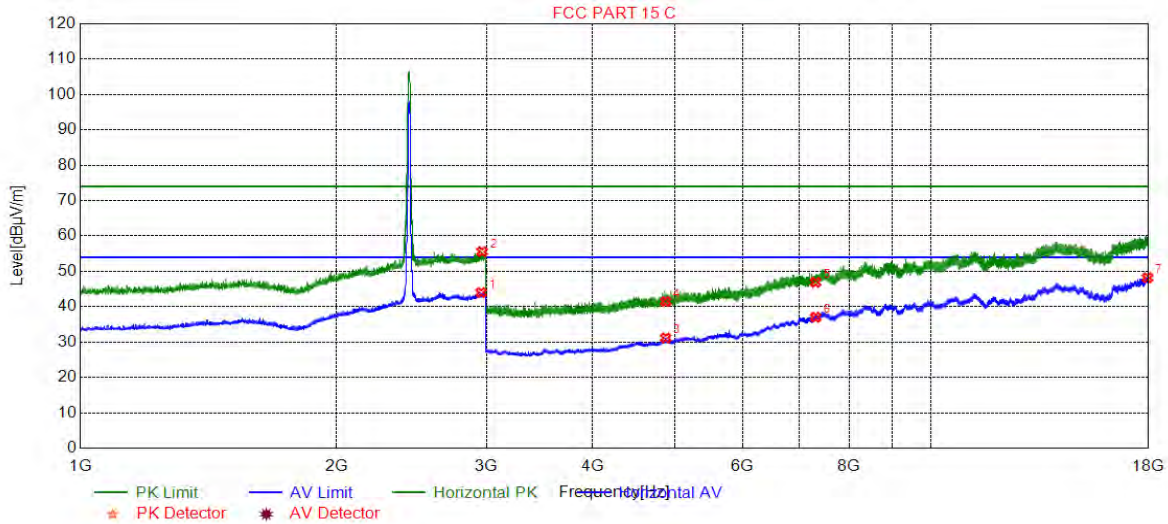
4.9.2.1.10 802.11G_Lowest Channel_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2944.9862	55.43	9.63	74.00	18.57	150	328	Horizontal
2	2985.4964	44.00	9.52	54.00	10.00	150	173	Horizontal
3	4824.0000	29.80	-18.21	54.00	24.20	150	342	Horizontal
4	4824.0000	41.47	-18.21	74.00	32.53	150	86	Horizontal
5	7236.0000	46.30	-9.99	74.00	27.70	150	340	Horizontal
6	7236.0000	35.97	-9.99	54.00	18.03	150	23	Horizontal
7	17979.6490	48.29	1.71	54.00	5.71	150	176	Horizontal



4.9.2.1.11 802.11G_Middle Channel_Horizontal

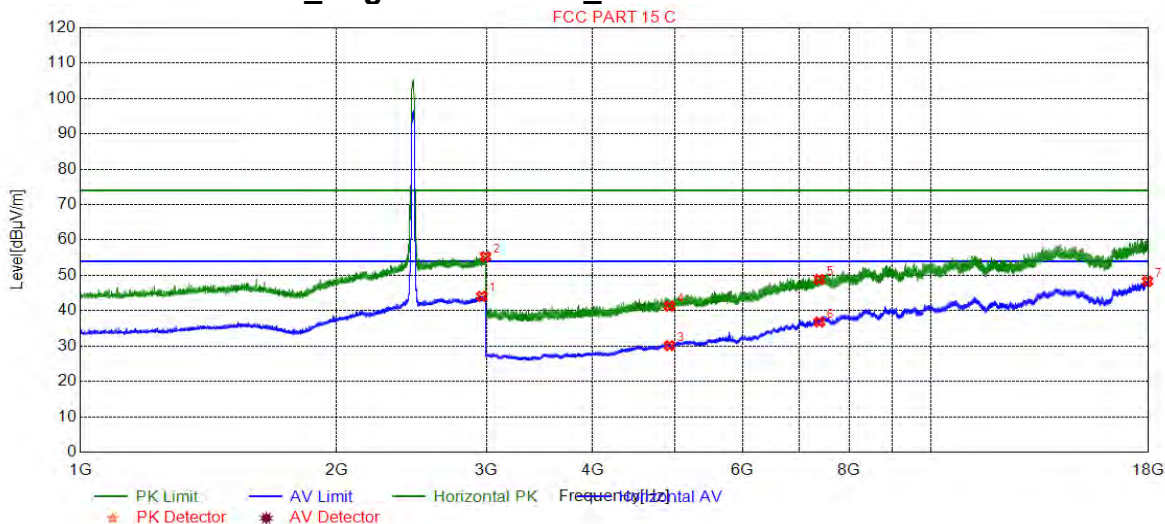


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2956.9892	44.02	9.65	54.00	9.98	150	299	Horizontal
2	2965.4914	55.57	9.61	74.00	18.43	150	299	Horizontal
3	4874.0000	31.17	-17.99	54.00	22.83	150	214	Horizontal
4	4874.0000	41.47	-17.99	74.00	32.53	150	214	Horizontal
5	7311.0000	46.88	-9.74	74.00	27.12	150	46	Horizontal
6	7311.0000	37.04	-9.74	54.00	16.96	150	46	Horizontal
7	17940.0470	48.20	1.70	54.00	5.80	150	161	Horizontal

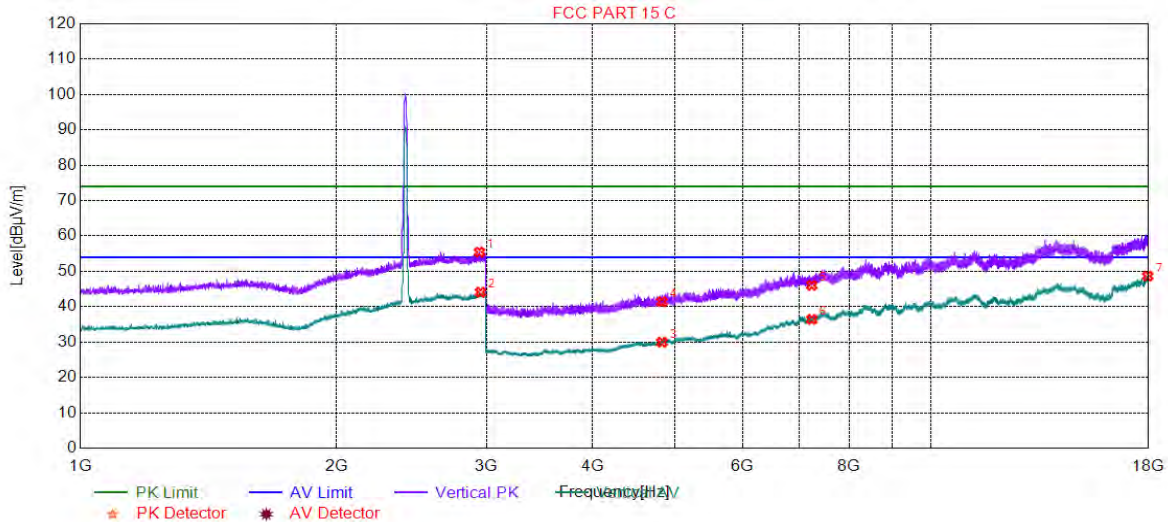


4.9.2.1.12 802.11G_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2962.9907	44.07	9.62	54.00	9.93	150	186	Horizontal
2	2992.9983	55.32	9.48	74.00	18.68	150	259	Horizontal
3	4924.0000	30.13	-17.72	54.00	23.87	150	249	Horizontal
4	4924.0000	41.30	-17.72	74.00	32.70	150	192	Horizontal
5	7386.0000	48.84	-9.55	74.00	25.16	150	90	Horizontal
6	7386.0000	36.83	-9.55	54.00	17.17	150	139	Horizontal
7	17940.5970	48.34	1.70	54.00	5.66	150	90	Horizontal

4.9.2.1.13 802.11N20_Lowest Channel_Vertical

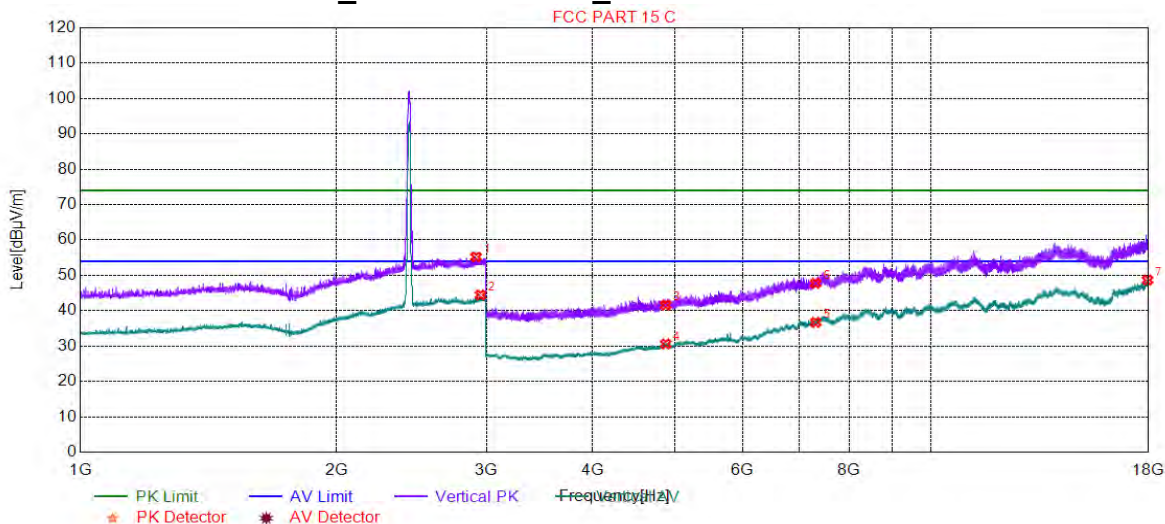


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2944.4861	55.45	9.62	74.00	18.55	150	170	Vertical
2	2952.4881	44.10	9.67	54.00	9.90	150	198	Vertical
3	4824.0000	29.95	-18.21	54.00	24.05	150	58	Vertical
4	4824.0000	41.38	-18.21	74.00	32.62	150	196	Vertical
5	7236.0000	46.06	-9.99	74.00	27.94	150	135	Vertical
6	7236.0000	36.41	-9.99	54.00	17.59	150	246	Vertical
7	17955.9978	48.66	1.71	54.00	5.34	150	196	Vertical



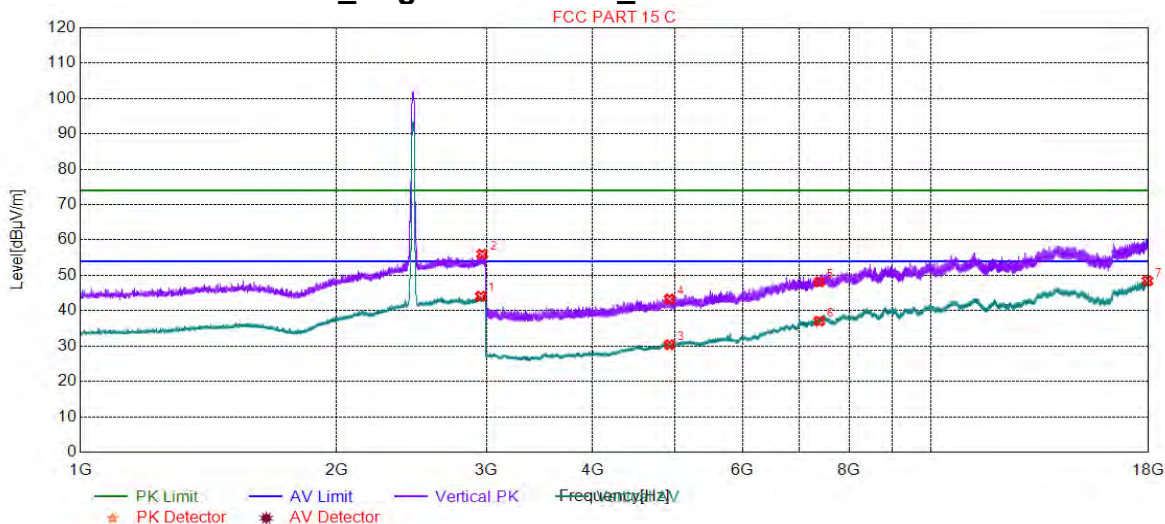
4.9.2.1.14 802.11N20_Middle Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2917.4794	55.22	9.33	74.00	18.78	150	277	Vertical
2	2952.4881	44.47	9.67	54.00	9.53	150	359	Vertical
3	4874.0000	41.61	-17.99	74.00	32.39	150	205	Vertical
4	4874.0000	30.61	-17.99	54.00	23.39	150	340	Vertical
5	7311.0000	36.71	-9.74	54.00	17.29	150	181	Vertical
6	7311.0000	47.76	-9.74	74.00	26.24	150	77	Vertical
7	17948.8474	48.67	1.70	54.00	5.33	150	130	Vertical



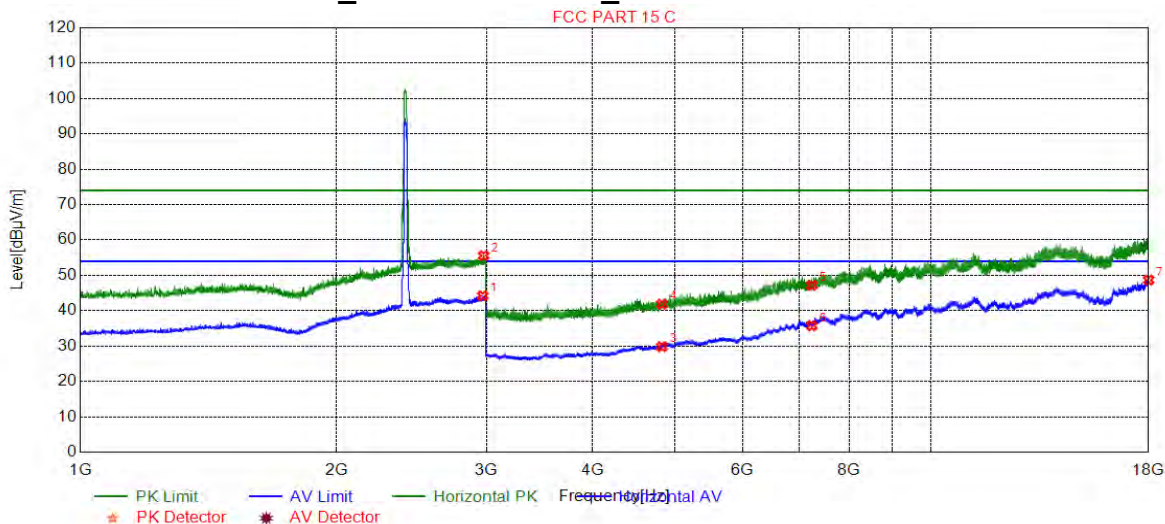
4.9.2.1.15 802.11N20_ Highest Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2954.9887	44.09	9.66	54.00	9.91	150	18	Vertical
2	2965.4914	56.01	9.61	74.00	17.99	150	45	Vertical
3	4924.0000	30.37	-17.72	54.00	23.63	150	4	Vertical
4	4924.0000	43.31	-17.72	74.00	30.69	150	69	Vertical
5	7386.0000	48.14	-9.55	74.00	25.86	150	131	Vertical
6	7386.0000	37.06	-9.55	54.00	16.94	150	254	Vertical
7	17944.9973	48.45	1.70	54.00	5.55	150	304	Vertical



4.9.2.1.16 802.11N20_Lowest Channel_Horizontal

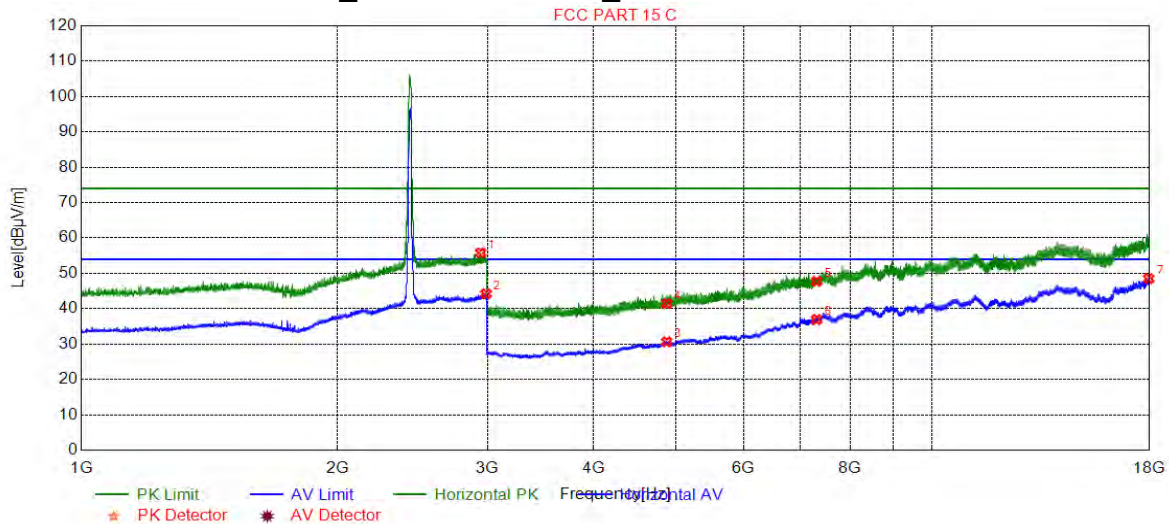


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2970.4926	44.21	9.59	54.00	9.79	150	342	Horizontal
2	2978.4946	55.57	9.55	74.00	18.43	150	219	Horizontal
3	4824.0000	29.84	-18.21	54.00	24.16	150	132	Horizontal
4	4824.0000	41.87	-18.21	74.00	32.13	150	163	Horizontal
5	7236.0000	47.18	-9.99	74.00	26.82	150	184	Horizontal
6	7236.0000	35.79	-9.99	54.00	18.21	150	299	Horizontal
7	18000.0000	48.67	1.72	54.00	5.33	150	77	Horizontal



4.9.2.1.17 802.11N20_Middle Channel_Horizontal

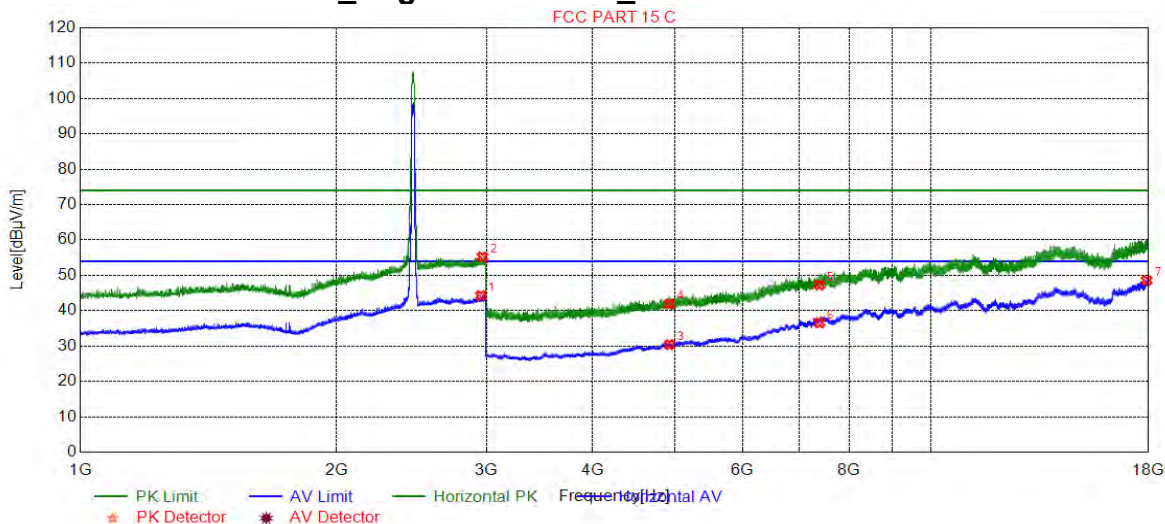


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2946.9867	55.81	9.65	74.00	18.19	150	274	Horizontal
2	2988.9972	44.21	9.50	54.00	9.79	150	342	Horizontal
3	4874.0000	30.67	-17.99	54.00	23.33	150	285	Horizontal
4	4874.0000	41.46	-17.99	74.00	32.54	150	62	Horizontal
5	7311.0000	47.74	-9.74	74.00	26.26	150	255	Horizontal
6	7311.0000	36.94	-9.74	54.00	17.06	150	255	Horizontal
7	17956.5478	48.51	1.71	54.00	5.49	150	255	Horizontal



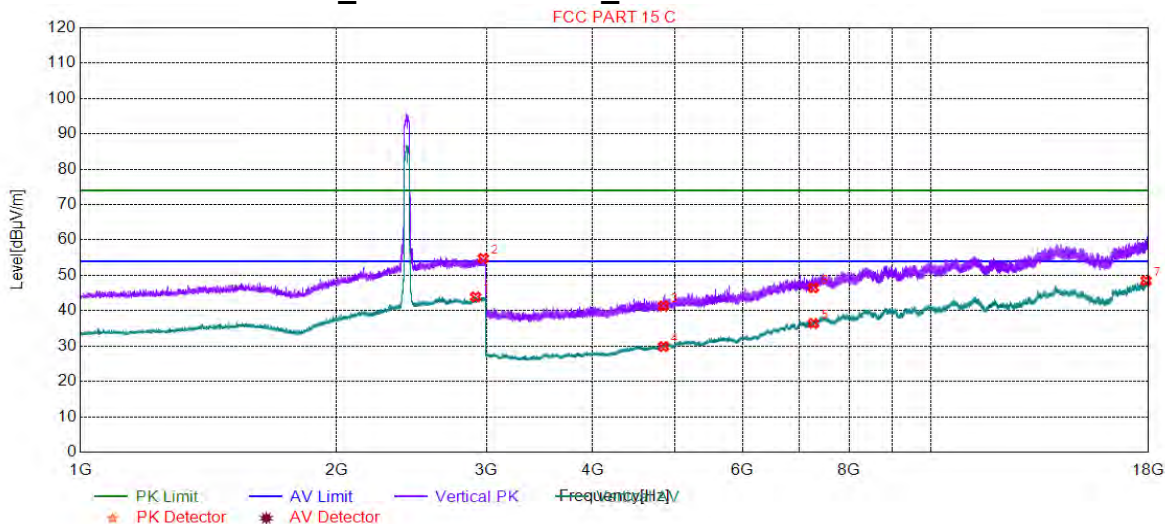
4.9.2.1.18 802.11N20_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2955.4889	44.29	9.65	54.00	9.71	150	0	Horizontal
2	2967.4919	55.23	9.60	74.00	18.77	150	131	Horizontal
3	4924.0000	30.42	-17.72	54.00	23.58	150	281	Horizontal
4	4924.0000	41.92	-17.72	74.00	32.08	150	250	Horizontal
5	7386.0000	47.27	-9.55	74.00	26.73	150	87	Horizontal
6	7386.0000	36.60	-9.55	54.00	17.40	150	150	Horizontal
7	17905.3953	48.55	1.69	54.00	5.45	150	200	Horizontal



4.9.2.1.19 802.11N40_Lowest Channel_Vertical

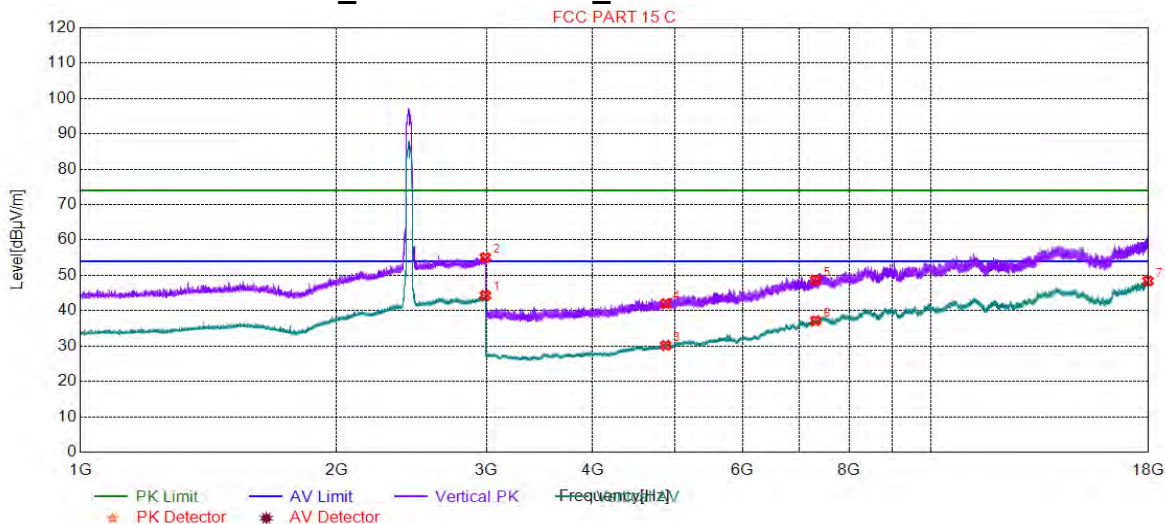


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2914.4786	43.89	9.30	54.00	10.11	150	31	Vertical
2	2973.9935	54.80	9.57	74.00	19.20	150	31	Vertical
3	4844.0000	41.31	-18.13	74.00	32.69	150	332	Vertical
4	4844.0000	29.86	-18.13	54.00	24.14	150	39	Vertical
5	7266.0000	36.40	-9.88	54.00	17.60	150	178	Vertical
6	7266.0000	46.48	-9.88	74.00	27.52	150	340	Vertical
7	17872.9436	48.48	1.33	54.00	5.52	150	340	Vertical



4.9.2.1.20 802.11N40_Middle Channel_Vertical

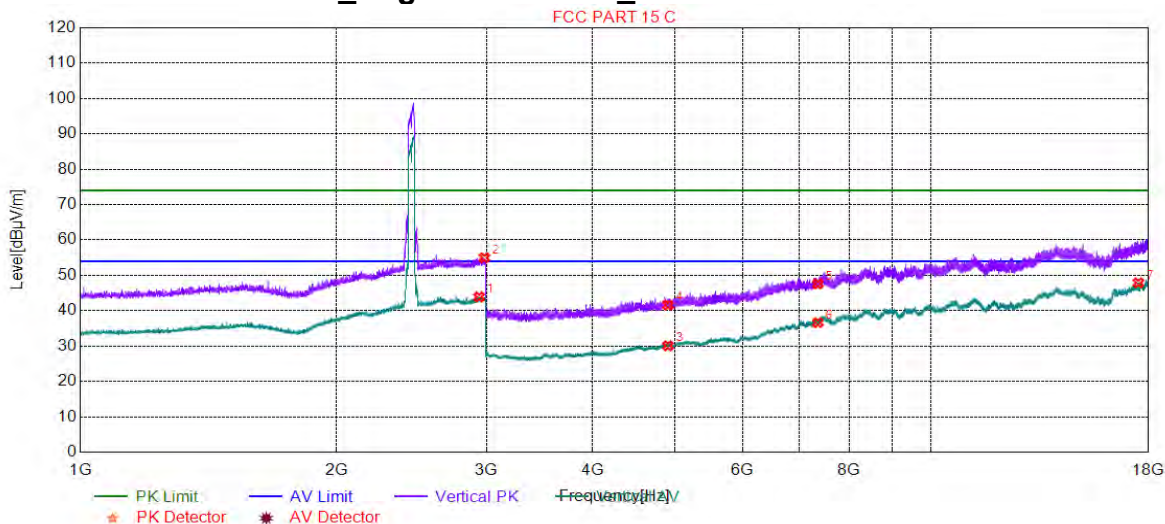


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2990.4976	44.35	9.49	54.00	9.65	150	359	Vertical
2	2990.9977	55.07	9.49	74.00	18.93	150	209	Vertical
3	4874.0000	30.20	-17.99	54.00	23.80	150	331	Vertical
4	4874.0000	41.99	-17.99	74.00	32.01	150	293	Vertical
5	7311.0000	48.71	-9.74	74.00	25.29	150	185	Vertical
6	7311.0000	37.19	-9.74	54.00	16.81	150	32	Vertical
7	17966.9984	48.43	1.71	54.00	5.57	150	132	Vertical



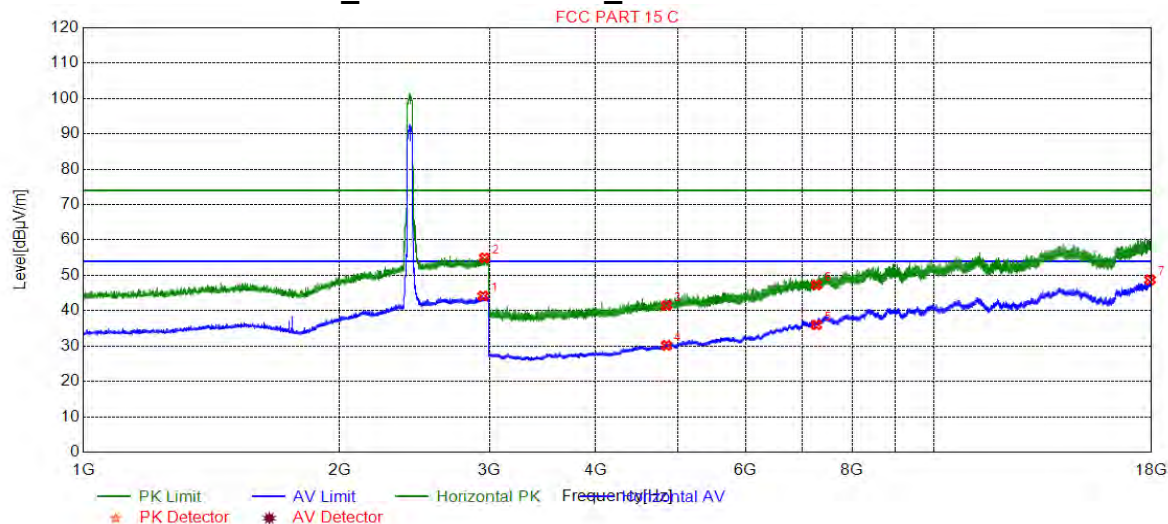
4.9.2.1.21 802.11N40_ Highest Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2941.4854	43.89	9.59	54.00	10.11	150	165	Vertical
2	2983.4959	54.97	9.53	74.00	19.03	150	124	Vertical
3	4904.0000	30.09	-17.85	54.00	23.91	150	257	Vertical
4	4904.0000	41.61	-17.85	74.00	32.39	150	76	Vertical
5	7356.0000	47.61	-9.62	74.00	26.39	150	180	Vertical
6	7356.0000	36.64	-9.62	54.00	17.36	150	76	Vertical
7	17509.3755	47.88	1.96	54.00	6.12	150	22	Vertical



4.9.2.1.22 802.11N40_Lowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2948.9872	44.17	9.67	54.00	9.83	150	218	Horizontal
2	2960.9902	54.95	9.63	74.00	19.05	150	163	Horizontal
3	4844.0000	41.49	-18.13	74.00	32.51	150	290	Horizontal
4	4844.0000	30.19	-18.13	54.00	23.81	150	131	Horizontal
5	7266.0000	35.98	-9.88	54.00	18.02	150	80	Horizontal
6	7266.0000	47.28	-9.88	74.00	26.72	150	132	Horizontal
7	17920.7960	48.76	1.70	54.00	5.24	150	200	Horizontal



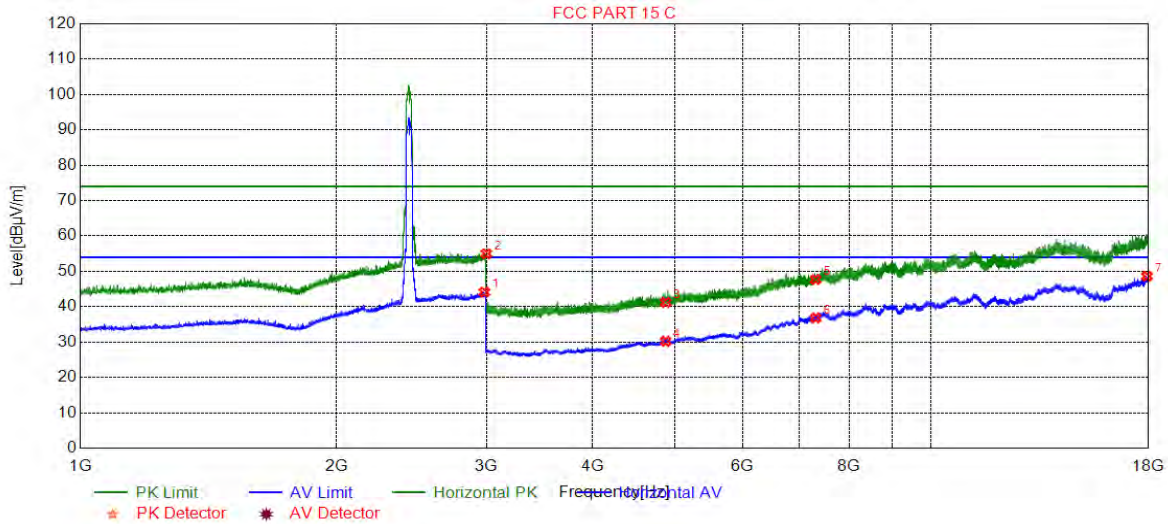
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4.9.2.1.23 802.11N40_Middle Channel_Horizontal



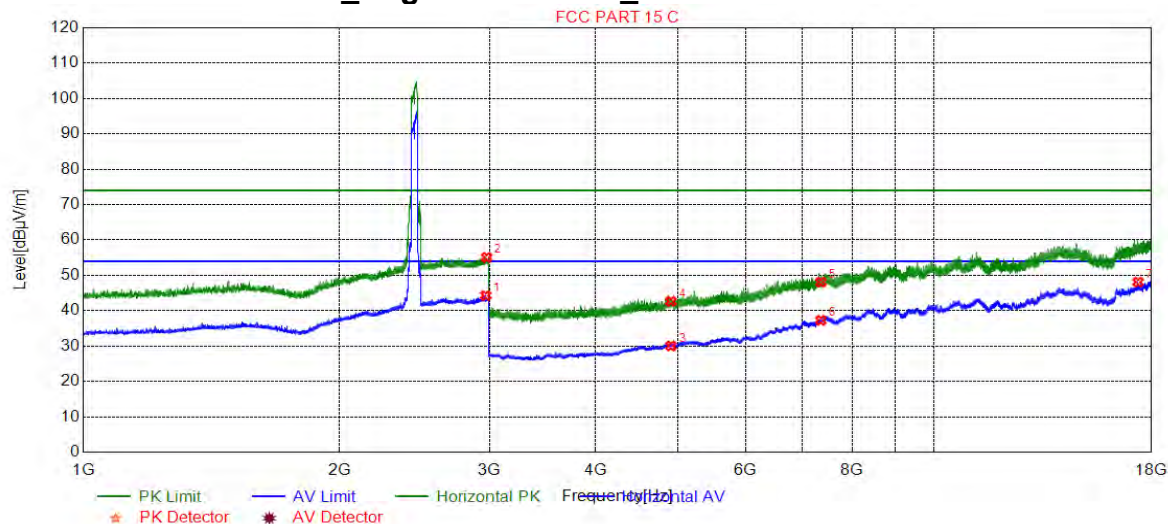
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2983.4959	44.13	9.53	54.00	9.87	150	7	Horizontal
2	2999.4999	54.98	9.45	74.00	19.02	150	147	Horizontal
3	4874.0000	41.22	-17.99	74.00	32.78	150	260	Horizontal
4	4874.0000	30.23	-17.99	54.00	23.77	150	334	Horizontal
5	7311.0000	47.70	-9.74	74.00	26.30	150	75	Horizontal
6	7311.0000	36.84	-9.74	54.00	17.16	150	75	Horizontal
7	17918.0459	48.63	1.70	54.00	5.37	150	360	Horizontal





4.9.2.1.24 802.11N40_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2970.9927	44.30	9.58	54.00	9.70	150	237	Horizontal
2	2977.9945	55.09	9.55	74.00	18.91	150	0	Horizontal
3	4904.0000	30.05	-17.85	54.00	23.95	150	217	Horizontal
4	4904.0000	42.66	-17.85	74.00	31.34	150	149	Horizontal
5	7356.0000	48.08	-9.62	74.00	25.92	150	73	Horizontal
6	7356.0000	37.29	-9.62	54.00	16.71	150	132	Horizontal
7	17349.8675	48.11	1.03	54.00	5.89	150	250	Horizontal

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz and 18GHz to 25GHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.
- 4) All Modes have been tested, but only the worst case data displayed in this report.



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4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205		
Test Method:	ANSI C63.10: 2013 Section 11.12		
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			

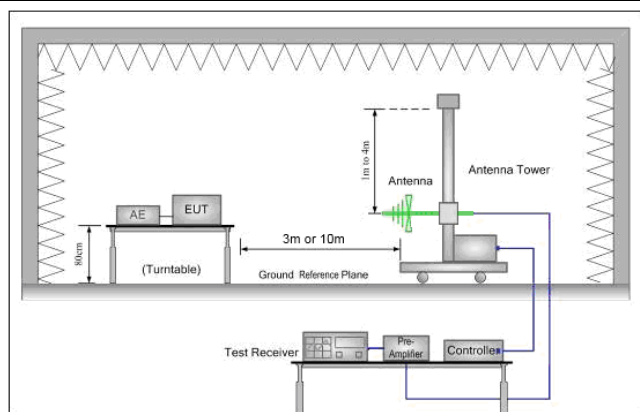


Figure 1. 30MHz to 1GHz

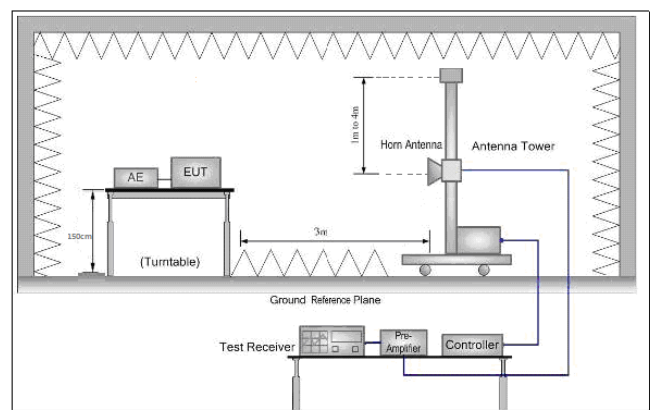


Figure 2. Above 1 GHz



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Test Procedure:	a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotating table was turned from 0 degrees to 360 degrees to find the maximum reading. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel h. Test the EUT in the lowest channel, the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.
Final Test Mode:	Pretest the EUT at Charge + Transmitting mode. Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11B; 6Mbps of rate is the worst case of 802.11G ; 6.5Mbps of rate is the worst case of 802.11N(HT20); 13.5Mbps of rate is the worst case of 802.11N(HT40). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass

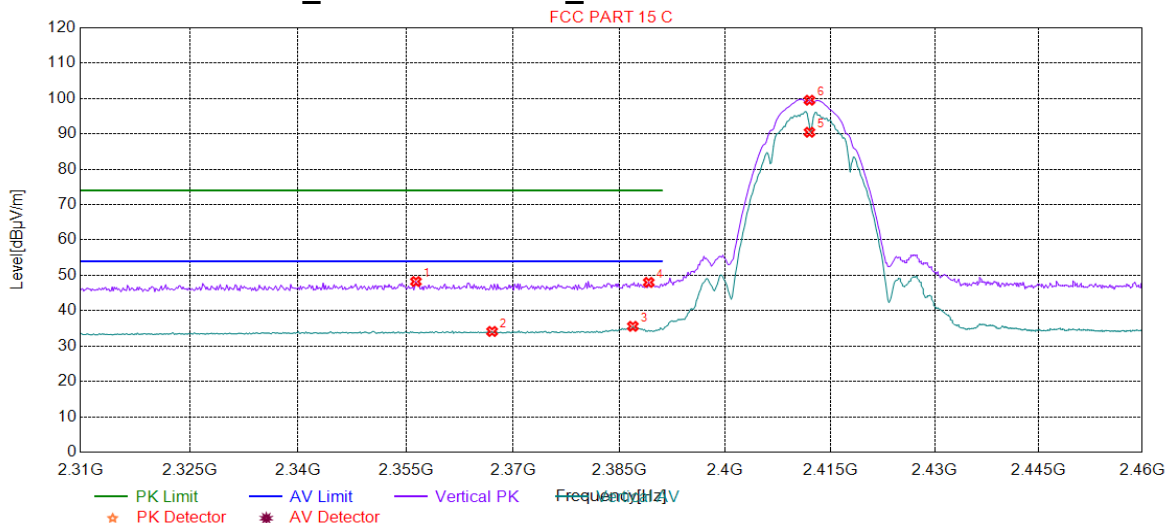




Test plot as follows:

4.10.1 ANT1

4.10.1.1 802.11B_Lowest Channel_ Vertical

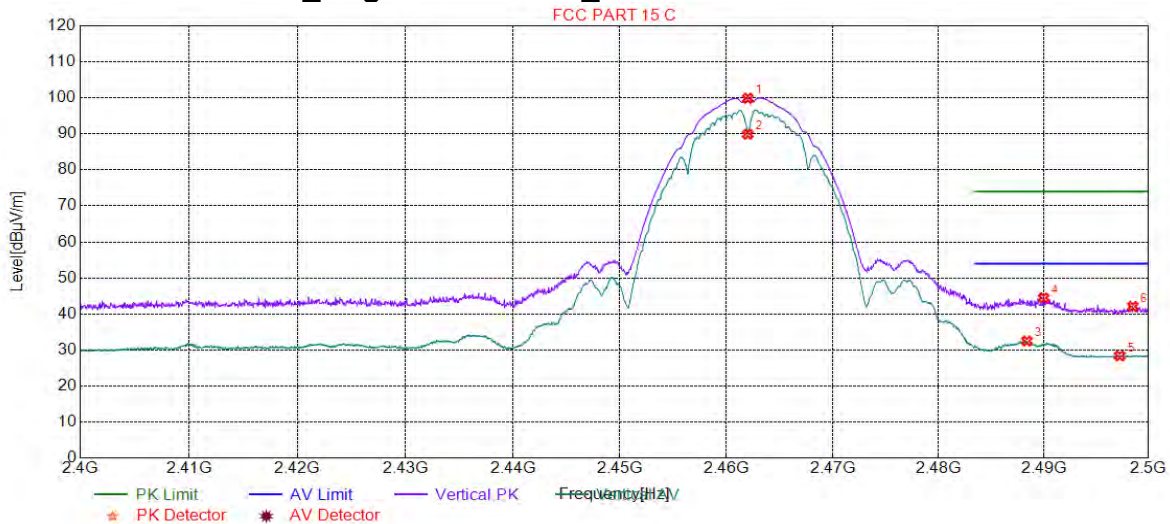


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2356.3964	48.25	7.80	74.00	25.75	150	171	Vertical
2	2367.0571	34.14	7.79	54.00	19.86	150	20	Vertical
3	2386.8769	35.59	7.77	54.00	18.41	150	125	Vertical
4	2389.1291	48.01	7.77	74.00	25.99	150	192	Vertical
5	2412.0000	90.46	7.81	0.00	-90.46	150	125	Vertical
6	2412.0000	99.52	7.81	0.00	-99.52	150	125	Vertical



4.10.1.2 802.11B_ Highest Channel_ Vertical



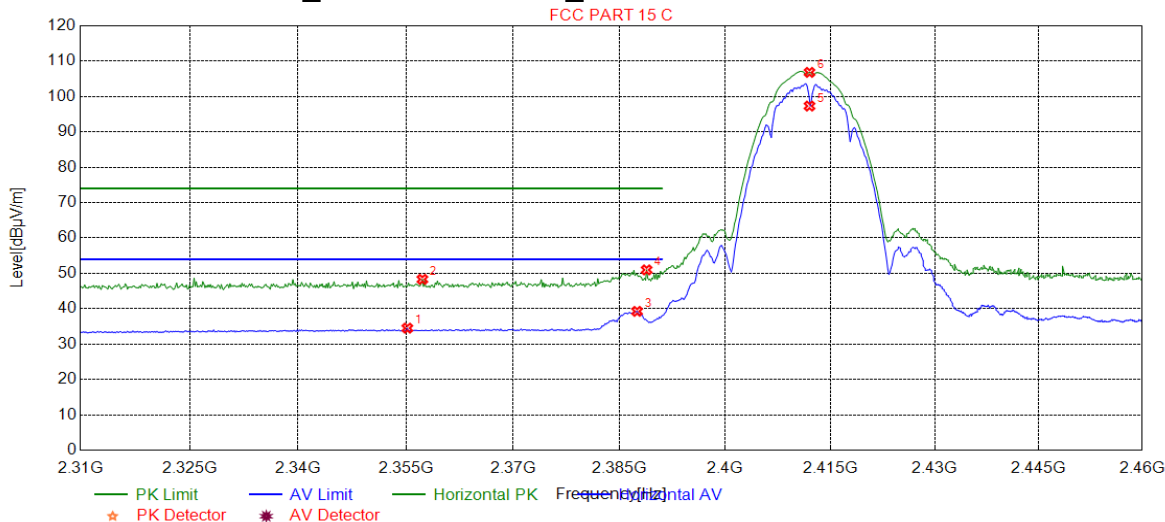
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	99.87	7.98	0.00	-99.87	150	346	Vertical
2	2462.0000	89.91	7.98	0.00	-89.91	150	346	Vertical
3	2488.3942	32.49	8.02	54.00	21.51	150	9	Vertical
4	2489.9950	44.45	8.02	74.00	29.55	150	156	Vertical
5	2497.2486	28.38	8.03	54.00	25.62	150	156	Vertical
6	2498.4993	42.09	8.03	74.00	31.91	150	172	Vertical





4.10.1.3 802.11B_Lowest Channel_ Horizontal

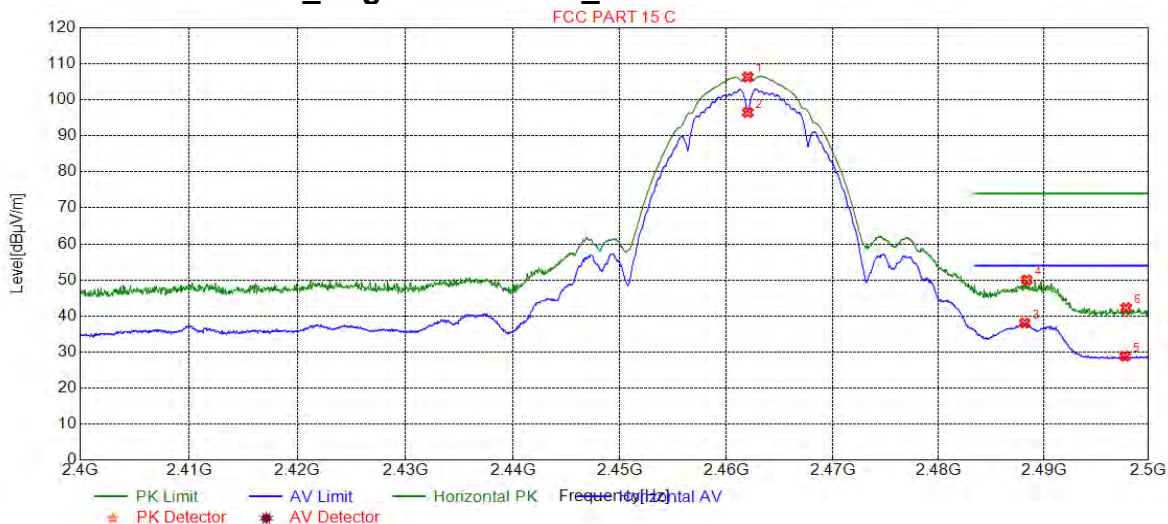


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2355.1952	34.50	7.80	54.00	19.50	150	200	Horizontal
2	2357.2973	48.31	7.80	74.00	25.69	150	192	Horizontal
3	2387.4775	39.25	7.77	54.00	14.75	150	200	Horizontal
4	2388.8288	50.98	7.77	74.00	23.02	150	200	Horizontal
5	2412.0000	97.31	7.81	0.00	-97.31	150	200	Horizontal
6	2412.0000	106.83	7.81	0.00	-106.83	150	196	Horizontal



4.10.1.4 802.11B_ Highest Channel_ Horizontal



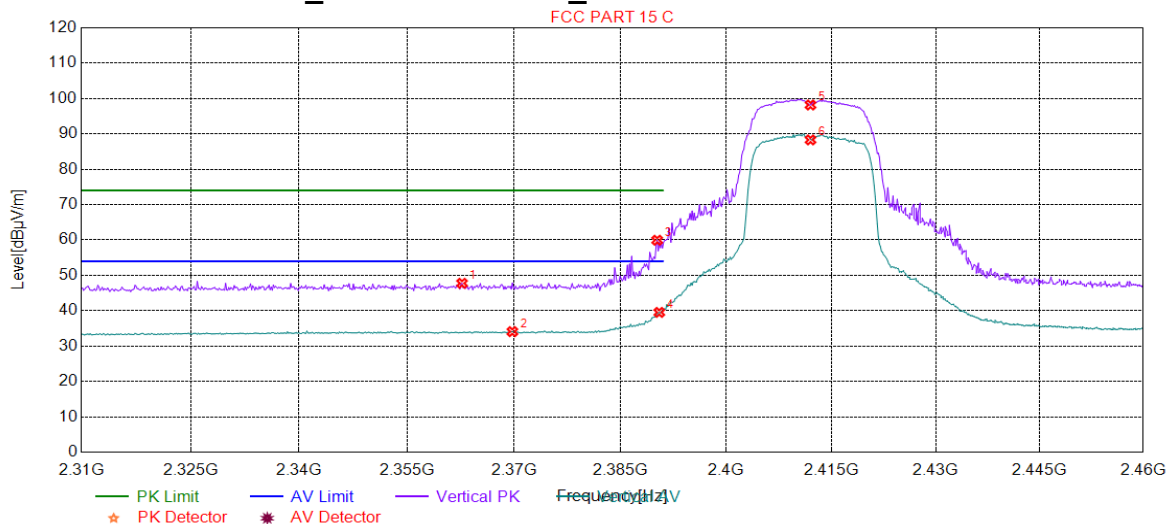
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	106.33	7.98	0.00	-106.33	150	173	Horizontal
2	2462.0000	96.50	7.98	0.00	-96.50	150	173	Horizontal
3	2488.1941	38.03	8.02	54.00	15.97	150	200	Horizontal
4	2488.3942	50.01	8.02	74.00	23.99	150	206	Horizontal
5	2497.7489	28.83	8.03	54.00	25.17	150	173	Horizontal
6	2497.8489	42.24	8.03	74.00	31.76	150	167	Horizontal





4.10.1.5 802.11G_Lowest Channel_Vertical

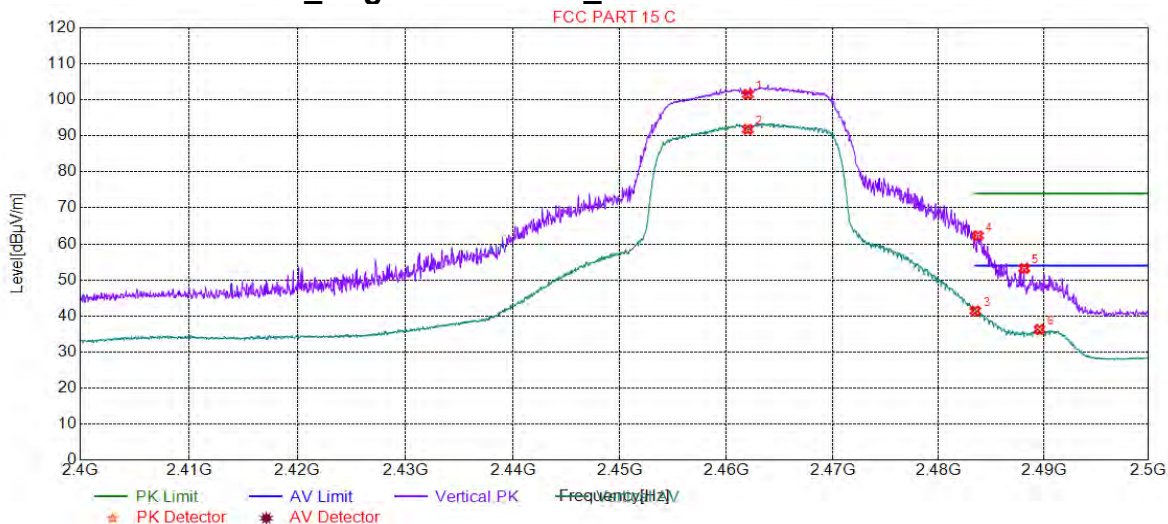


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2362.7027	47.76	7.80	74.00	26.24	150	168	Vertical
2	2369.7598	34.09	7.79	54.00	19.91	150	114	Vertical
3	2390.1802	59.93	7.77	74.00	14.07	150	156	Vertical
4	2390.4805	39.53	7.77	54.00	14.47	150	80	Vertical
5	2412.0000	98.17	7.81	0.00	-98.17	150	89	Vertical
6	2412.0000	88.30	7.81	0.00	-88.30	150	85	Vertical



4.10.1.6 802.11G_ Highest Channel_ Vertical

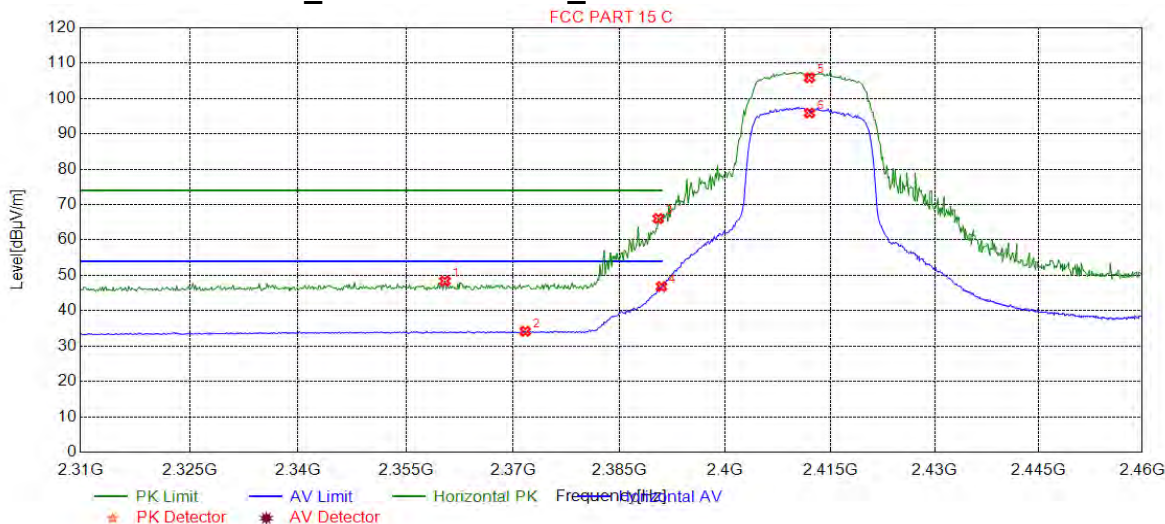


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	101.54	7.98	0.00	-101.54	150	227	Vertical
2	2462.0000	91.80	7.98	0.00	-91.80	150	221	Vertical
3	2483.5000	41.42	8.01	54.00	12.58	150	221	Vertical
4	2483.7419	62.28	8.01	74.00	11.72	150	221	Vertical
5	2488.1441	53.22	8.02	74.00	20.78	150	221	Vertical
6	2489.5948	36.28	8.02	54.00	17.72	150	221	Vertical



4.10.1.7 802.11G_Lowest Channel_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2360.4505	48.40	7.80	74.00	25.60	150	262	Horizontal
2	2371.7117	34.18	7.79	54.00	19.82	150	225	Horizontal
3	2390.4805	66.07	7.77	74.00	7.93	150	196	Horizontal
4	2390.9309	46.81	7.77	54.00	7.19	150	196	Horizontal
5	2412.0000	105.87	7.81	0.00	-105.87	150	196	Horizontal
6	2412.0000	95.90	7.81	0.00	-95.90	150	196	Horizontal



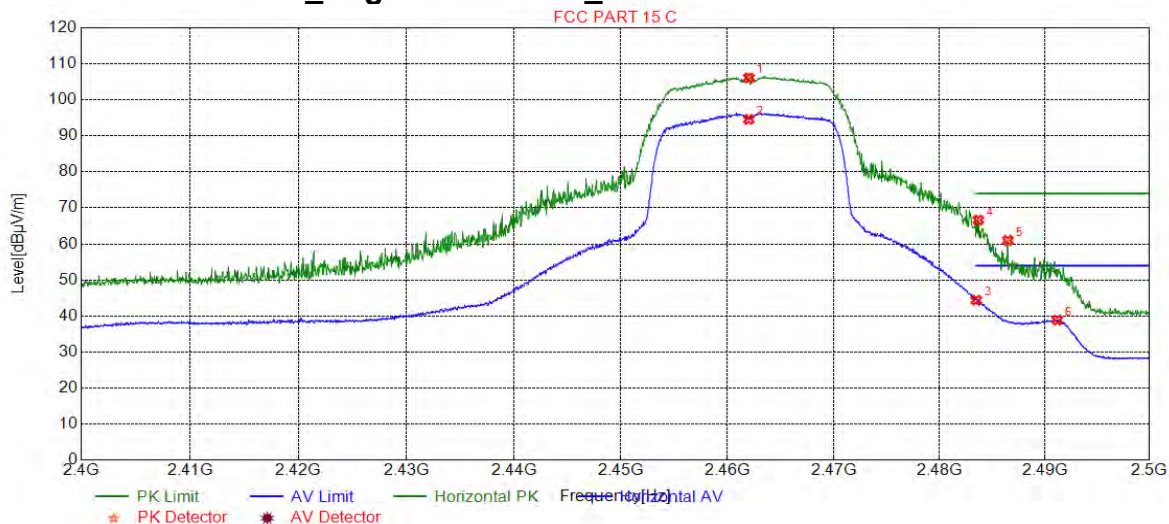
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4.10.1.8 802.11G_ Highest Channel_ Horizontal



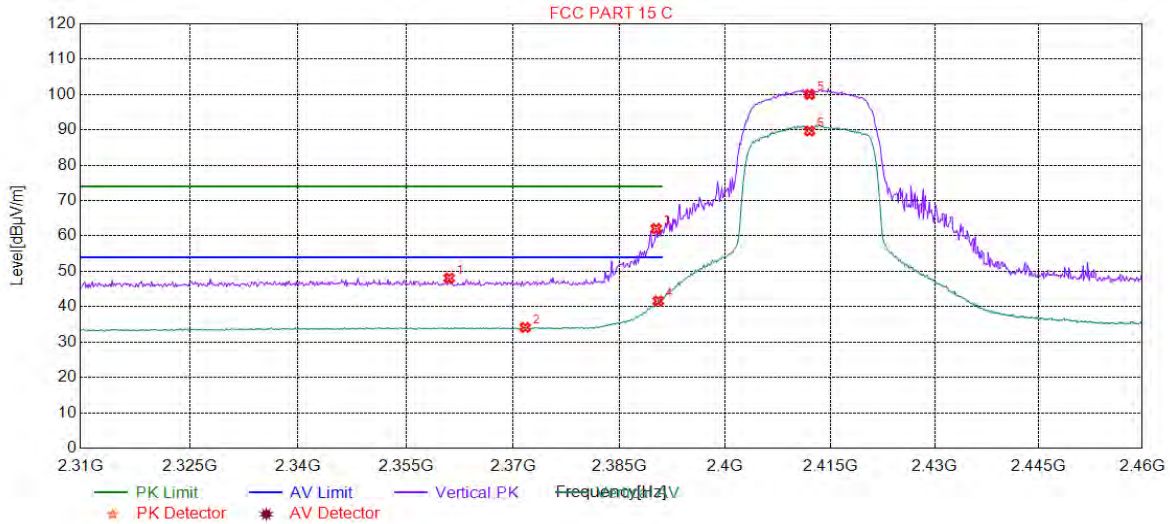
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	106.11	7.98	0.00	-106.11	150	171	Horizontal
2	2462.0000	94.56	7.98	0.00	-94.56	150	171	Horizontal
3	2483.5000	44.37	8.01	54.00	9.63	150	177	Horizontal
4	2483.6918	66.62	8.01	74.00	7.38	150	80	Horizontal
5	2486.4932	60.97	8.01	74.00	13.03	150	171	Horizontal
6	2491.1956	38.86	8.02	54.00	15.14	150	177	Horizontal





4.10.1.9 802.11N20_Lowest Channel_Vertical

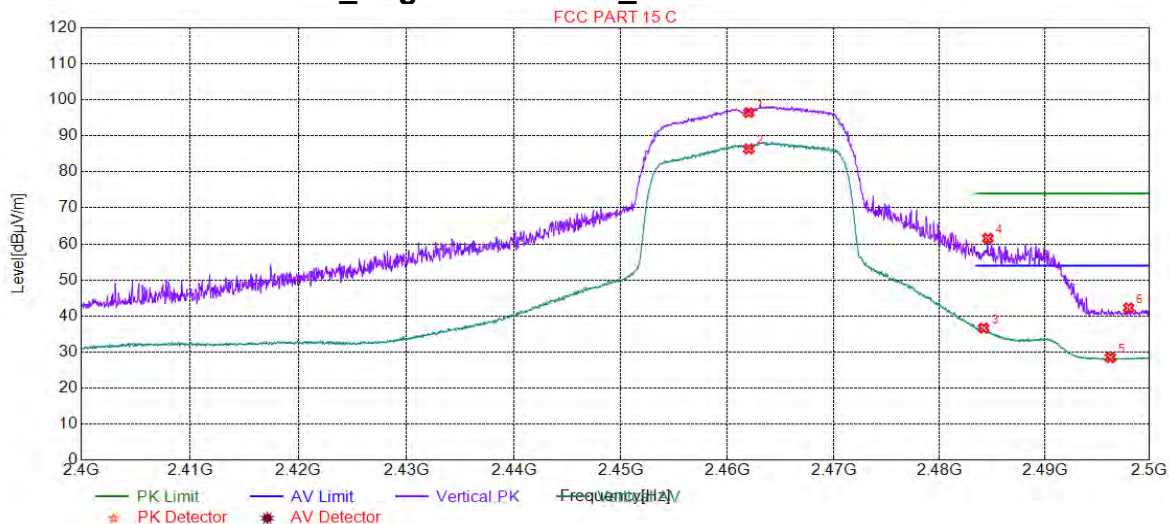


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2361.0511	48.10	7.80	74.00	25.90	150	18	Vertical
2	2371.7117	34.15	7.79	54.00	19.85	150	38	Vertical
3	2390.1802	62.07	7.77	74.00	11.93	150	150	Vertical
4	2390.4805	41.63	7.77	54.00	12.37	150	55	Vertical
5	2412.0000	100.03	7.81	0.00	-100.03	150	34	Vertical
6	2412.0000	89.68	7.81	0.00	-89.68	150	38	Vertical



4.10.1.10 802.11N20_ Highest Channel_ Vertical



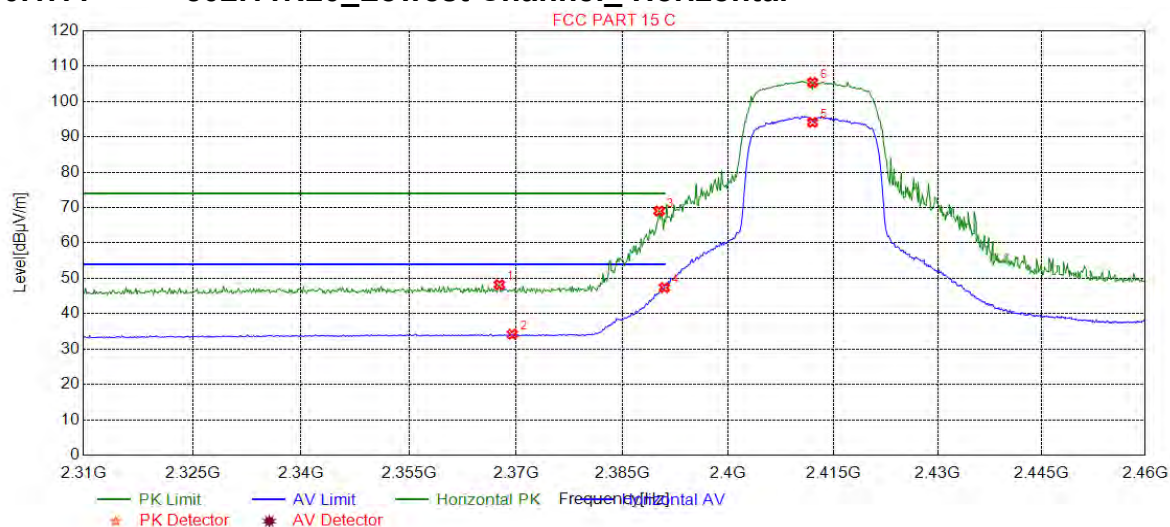
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.48	7.98	0.00	-96.48	150	314	Vertical
2	2462.0000	86.38	7.98	0.00	-86.38	150	202	Vertical
3	2484.1921	36.64	8.01	54.00	17.36	150	64	Vertical
4	2484.5923	61.55	8.01	74.00	12.45	150	297	Vertical
5	2496.2481	28.47	8.03	54.00	25.53	150	308	Vertical
6	2497.9990	42.26	8.03	74.00	31.74	150	191	Vertical





4.10.1.11 802.11N20_Lowest Channel_ Horizontal



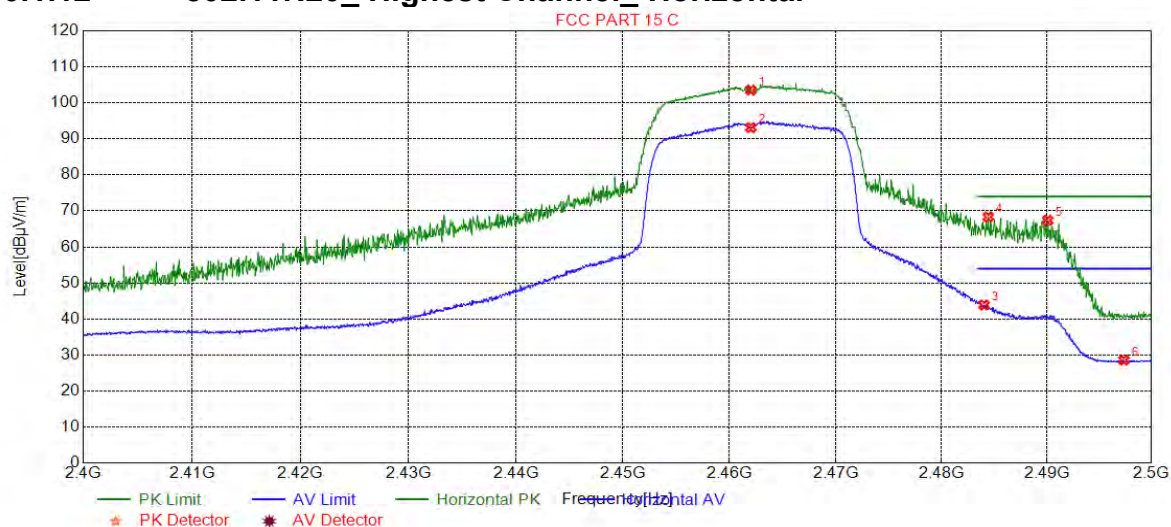
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2367.6577	48.21	7.79	74.00	25.79	150	314	Horizontal
2	2369.4595	34.21	7.79	54.00	19.79	150	215	Horizontal
3	2390.1802	69.04	7.77	74.00	4.96	150	166	Horizontal
4	2390.9309	47.36	7.77	54.00	6.64	150	198	Horizontal
5	2412.0000	94.11	7.81	0.00	-94.11	150	195	Horizontal
6	2412.0000	105.39	7.81	0.00	-105.39	150	203	Horizontal





4.10.1.12 802.11N20_ Highest Channel_ Horizontal



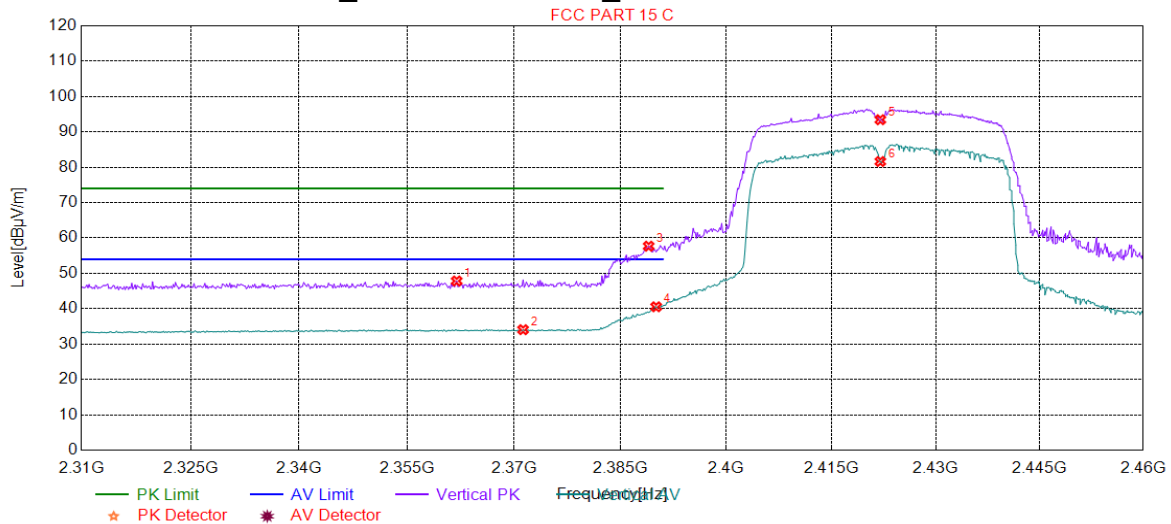
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	103.53	7.98	0.00	-103.53	150	163	Horizontal
2	2462.0000	93.14	7.98	0.00	-93.14	150	201	Horizontal
3	2484.0420	43.88	8.01	54.00	10.12	150	201	Horizontal
4	2484.4422	68.34	8.01	74.00	5.66	150	201	Horizontal
5	2490.0950	67.39	8.02	74.00	6.61	150	196	Horizontal
6	2497.3487	28.58	8.03	54.00	25.42	150	212	Horizontal





4.10.1.13 802.11N40_Lowest Channel_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2361.9520	47.84	7.80	74.00	26.16	150	346	Vertical
2	2371.2613	34.07	7.79	54.00	19.93	150	44	Vertical
3	2388.9790	57.68	7.77	74.00	16.32	150	281	Vertical
4	2390.0300	40.55	7.77	54.00	13.45	150	148	Vertical
5	2422.0000	93.44	7.85	0.00	-93.44	150	31	Vertical
6	2442.0000	81.62	7.85	0.00	-81.62	150	35	Vertical



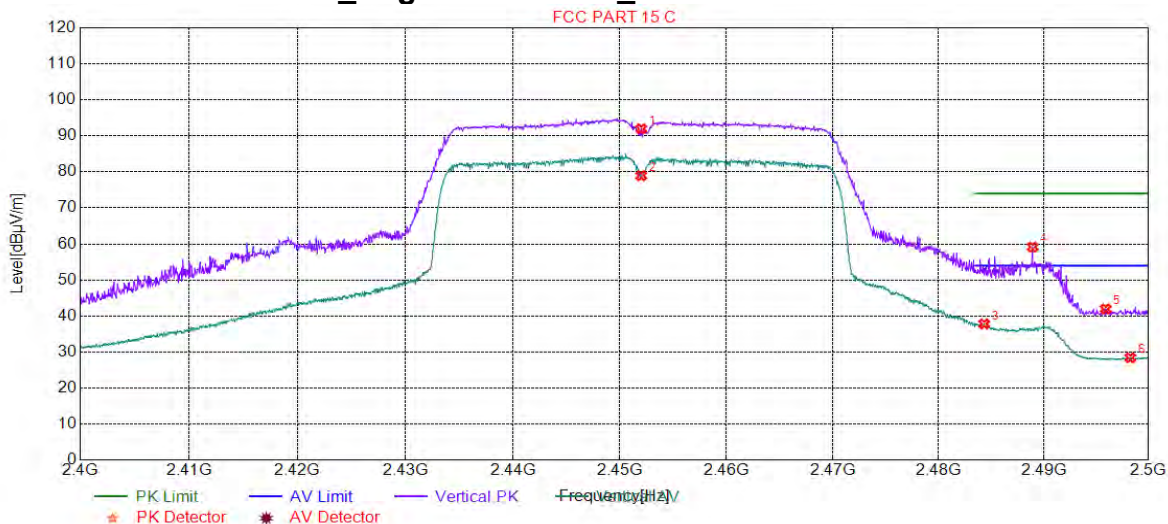
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4.10.1.14 802.11N40_ Highest Channel_ Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	91.96	7.97	0.00	-91.96	150	29	Vertical
2	2452.0000	78.93	7.97	0.00	-78.93	150	35	Vertical
3	2484.3422	37.81	8.01	54.00	16.19	150	62	Vertical
4	2488.9445	59.16	8.02	74.00	14.84	150	96	Vertical
5	2495.8979	41.96	8.03	74.00	32.04	150	160	Vertical
6	2498.2491	28.40	8.03	54.00	25.60	150	199	Vertical



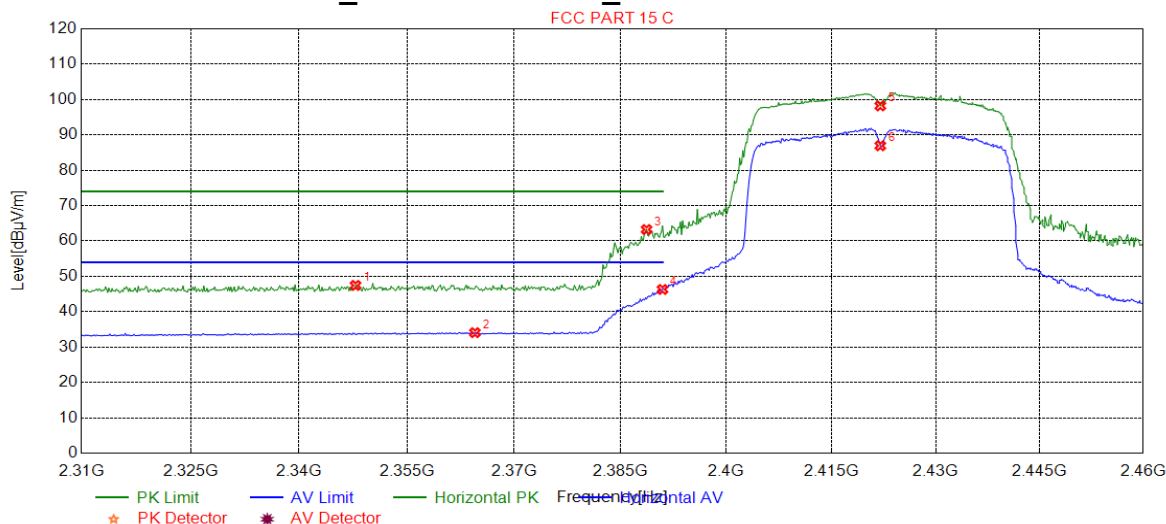
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4.10.1.15 802.11N40_Lowest Channel_Horizontal

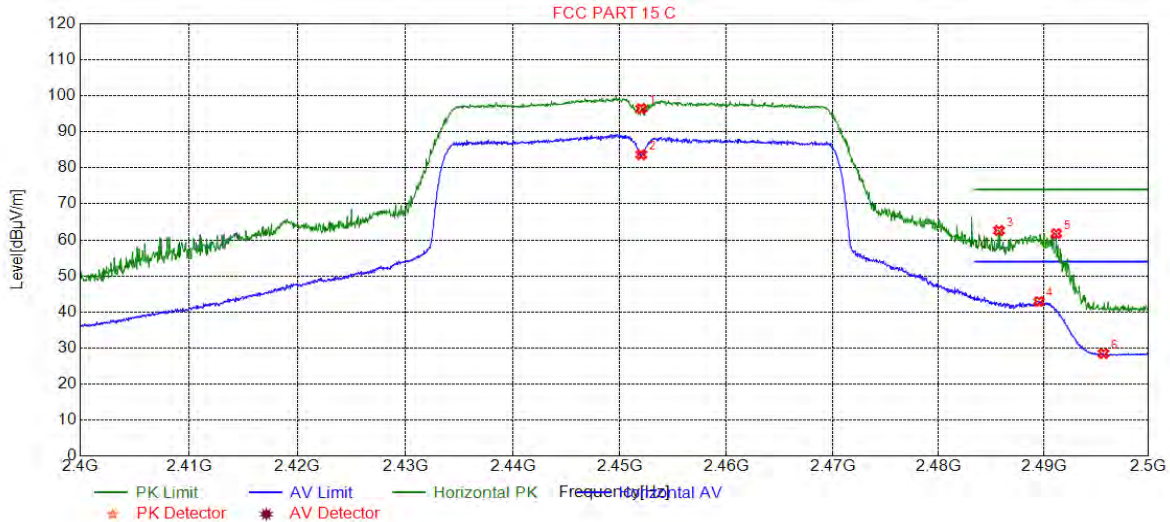


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2347.8378	47.44	7.79	74.00	26.56	150	212	Horizontal
2	2364.5045	34.08	7.80	54.00	19.92	150	46	Horizontal
3	2388.6787	63.24	7.77	74.00	10.76	150	200	Horizontal
4	2390.9309	46.30	7.77	54.00	7.70	150	191	Horizontal
5	2422.0000	98.21	7.85	0.00	-98.21	150	195	Horizontal
6	2422.0000	86.93	7.85	0.00	-86.93	150	191	Horizontal



4.10.1.16 802.11N40_ Highest Channel_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	96.46	7.97	0.00	-96.46	150	128	Horizontal
2	2452.0000	83.66	7.97	0.00	-83.66	150	101	Horizontal
3	2485.7429	62.61	8.01	74.00	11.39	150	101	Horizontal
4	2489.5448	42.94	8.02	54.00	11.06	150	101	Horizontal
5	2491.1956	61.76	8.02	74.00	12.24	150	128	Horizontal
6	2495.6978	28.48	8.02	54.00	25.52	150	85	Horizontal

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

All Modes have been tested, but only the worst case data displayed in this report.





5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	$\pm 0.75\text{dB}$
2	RF power density, conducted	$\pm 2.84\text{dB}$
3	Spurious emissions, conducted	$\pm 0.75\text{dB}$
4	Radiated Spurious emission test	$\pm 4.5\text{dB}$ (30MHz-1GHz)
		$\pm 4.8\text{dB}$ (1GHz-25GHz)
5	Conduct emission test	$\pm 3.12\text{ dB}$ (9KHz- 30MHz)
6	Temperature test	$\pm 1^{\circ}\text{C}$
7	Humidity test	$\pm 3\%$
8	DC and low frequency voltages	$\pm 0.5\%$



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6 Equipment List

Conducted Emission					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017/5/10	2020/5/9
LISN	Rohde & Schwarz	ENV216	SEM007-01	2019/7/14	2020/7/14
LISN	ETS-LINDGREN	Feb-16	SEM007-02	2019/4/1	2020/3/31
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2019/6/12	2020/6/11
2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	EMC0122	2019/12/22	2020/12/21
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2019/12/22	2020/12/21
RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
DC Power Supply	Agilent Technologies Inc	66311B	W009-09	2019/7/15	2020/7/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2020/1/3	2021/1/2
Coaxial Cable	SGS	N/A	SEM031-01	2019/6/12	2020/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019/7/14	2020/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2019/10/27	2020/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019/7/14	2020/7/14
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Measurement Software	AUDIX	e3V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2019/6/12	2020/6/11
EXA Signal Analyzer (10Hz-26.5GHz)	Agilent Technologies Inc	N9010A	SEM004-09	2019/3/12	2020/3/11
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (0.8-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12
Pre-amplifier (0.1-1.3GHz)	HP	8447D	SEM005-02	2019/7/14	2020/7/14
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2019/9/3	2020/9/2
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Pre-amplifier (18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2019/12/22	2020/12/21
Band filter	N/A	N/A	SEM023-01	N/A	N/A
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2017/8/5	2020/8/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2019/6/12	2020/6/11
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2019/7/14	2020/7/14
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2017/6/27	2020/6/26
Pre-amplifier (0.1-1.3GHz)	Agilent Technologies	8447D	SEM005-01	2019/12/22	2020/12/21



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7 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of Set-Up for ZR/2020/20002.

The End



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