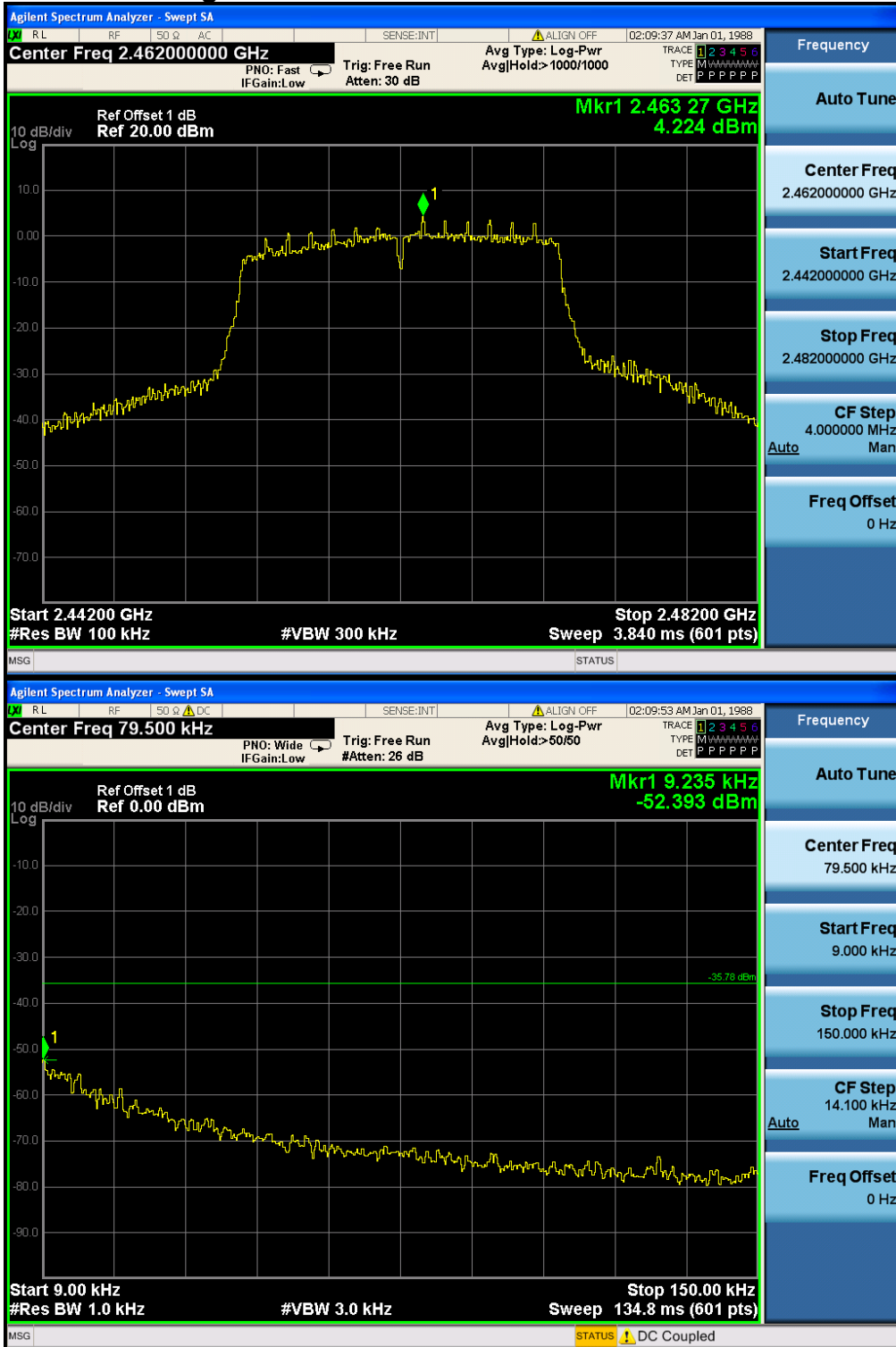
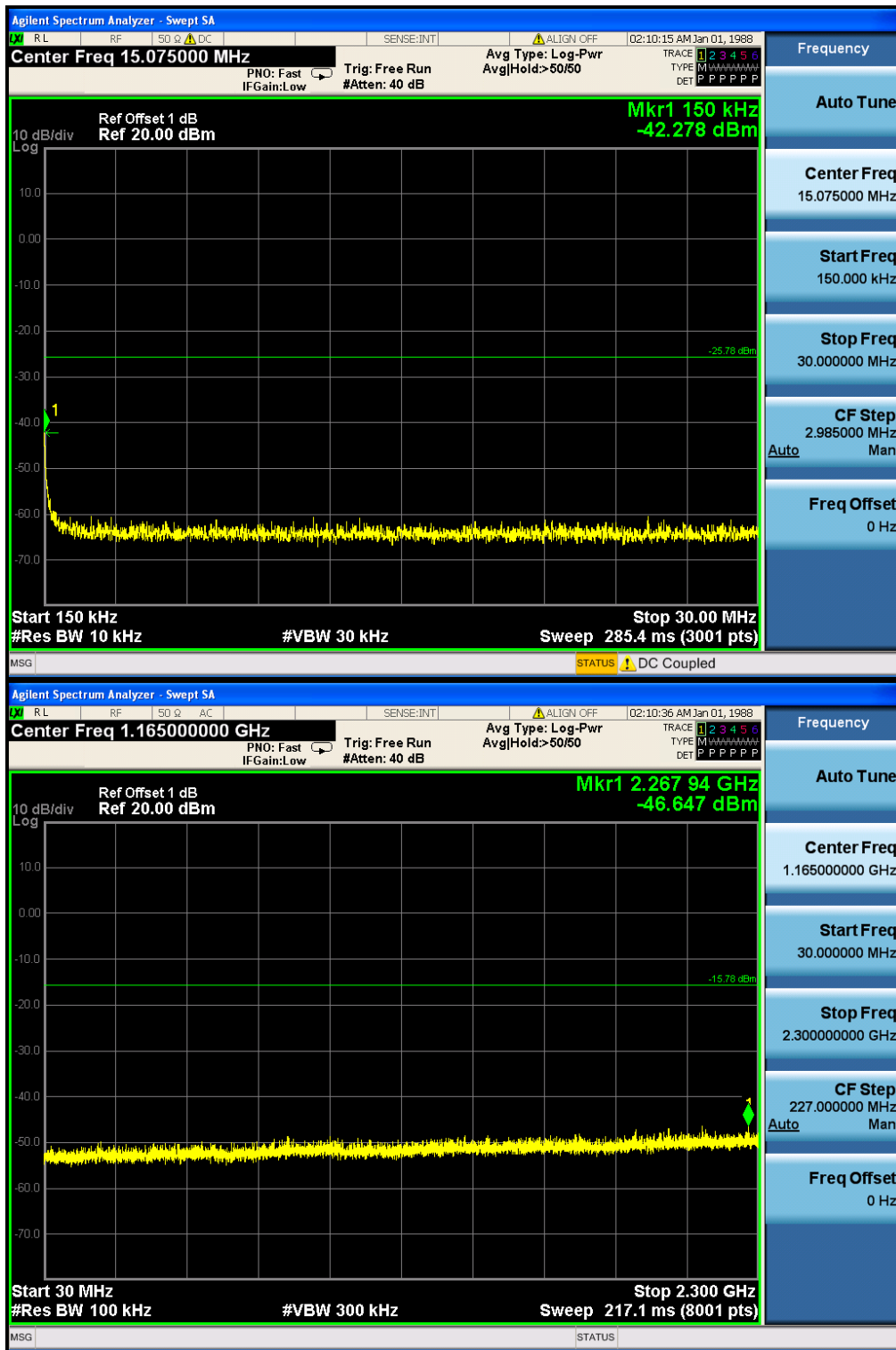
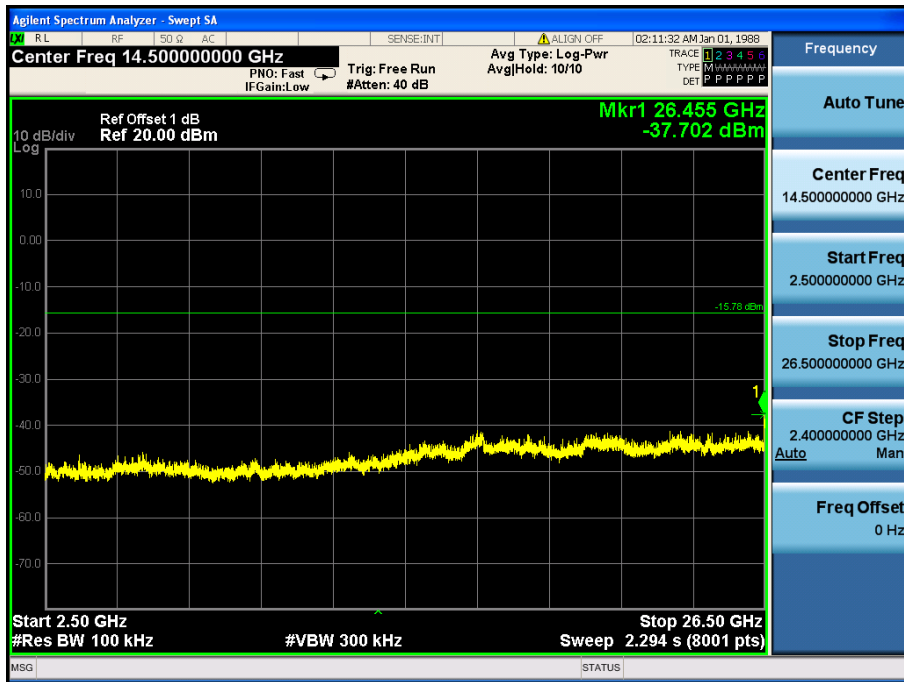


4.8.1.1.9 802.11 N20_ Highest Channel



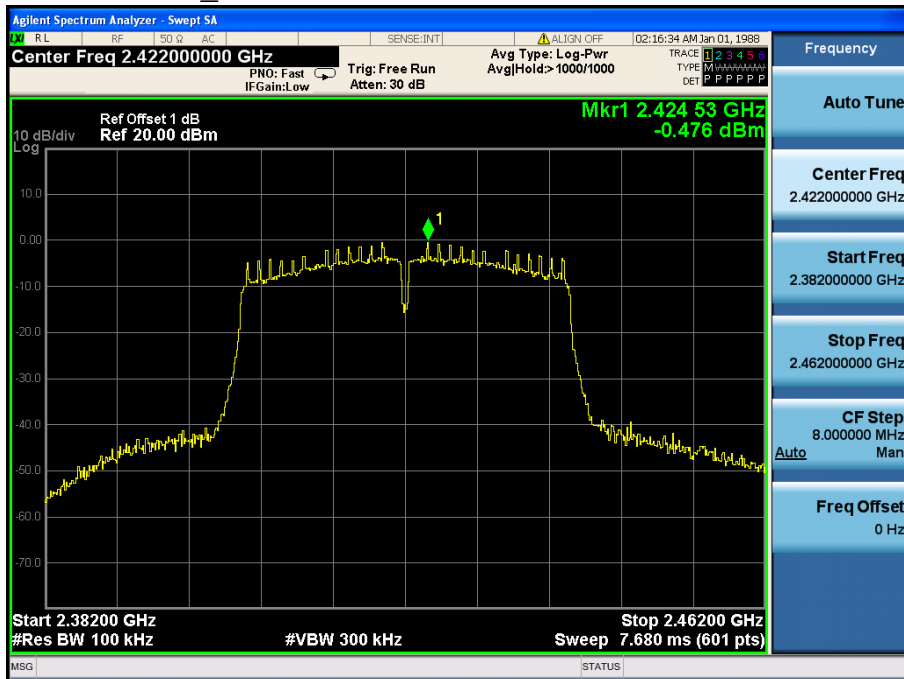


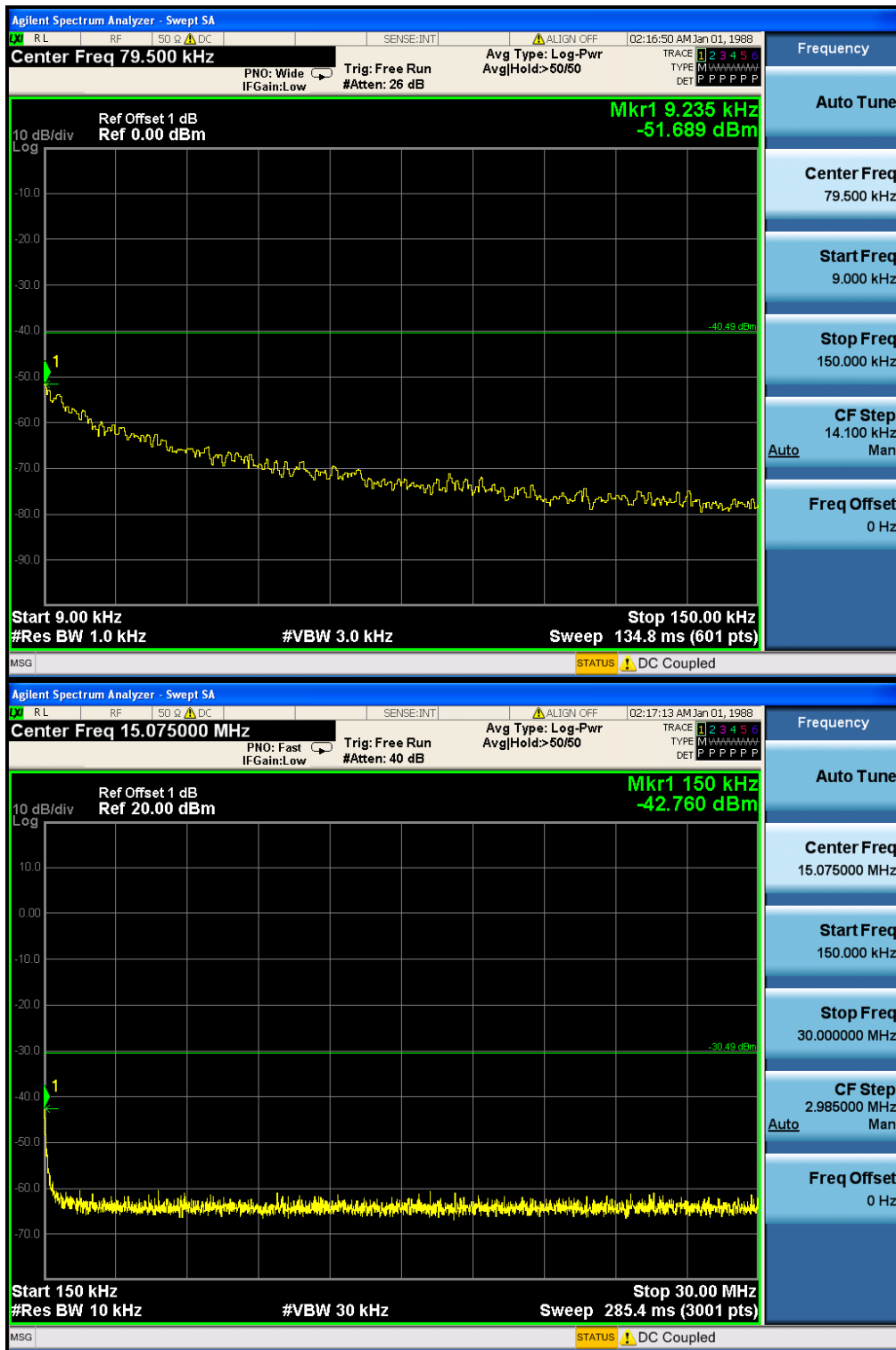


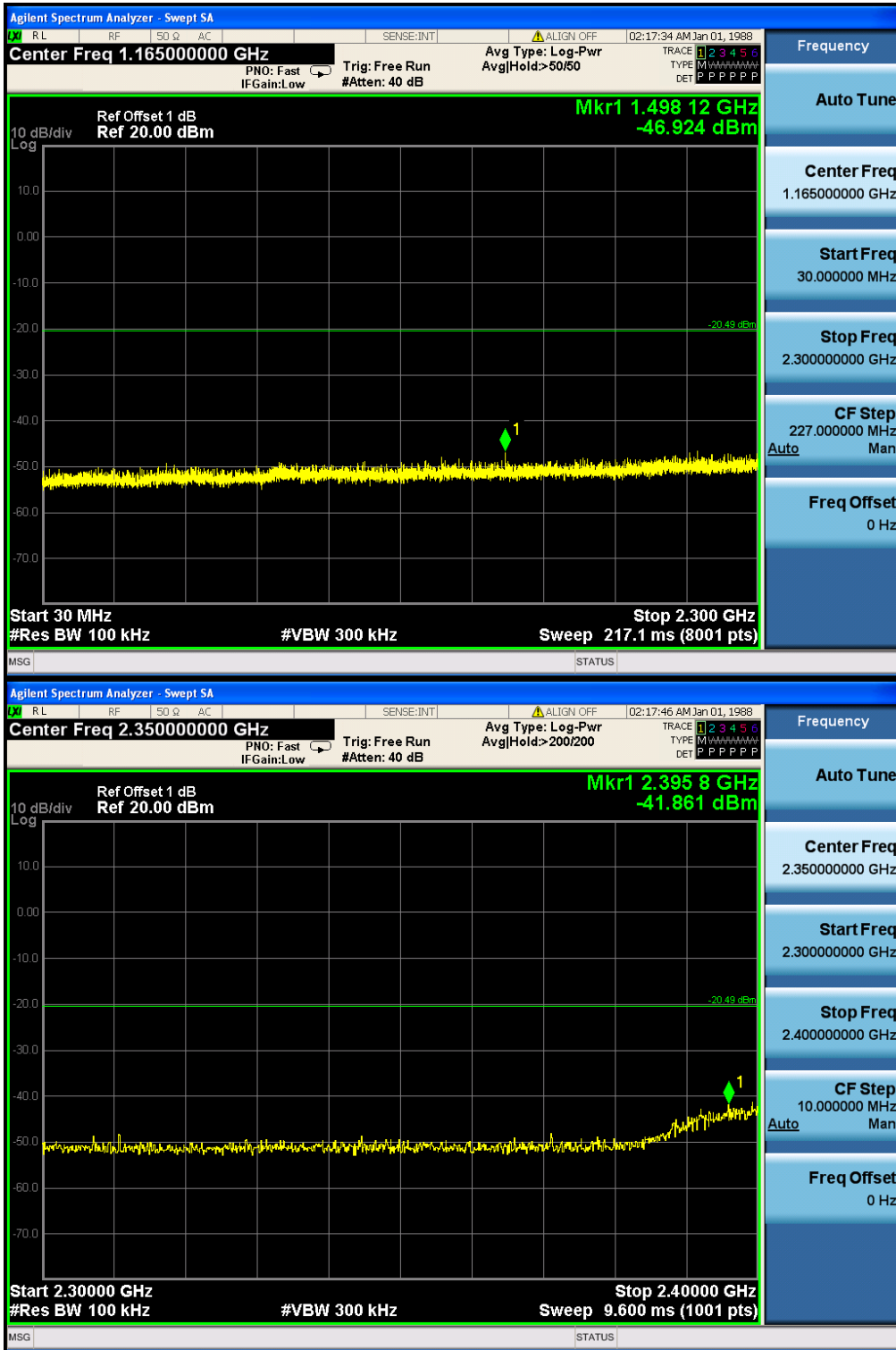


4.8.1.1.10

802.11N40_Lowest Channel

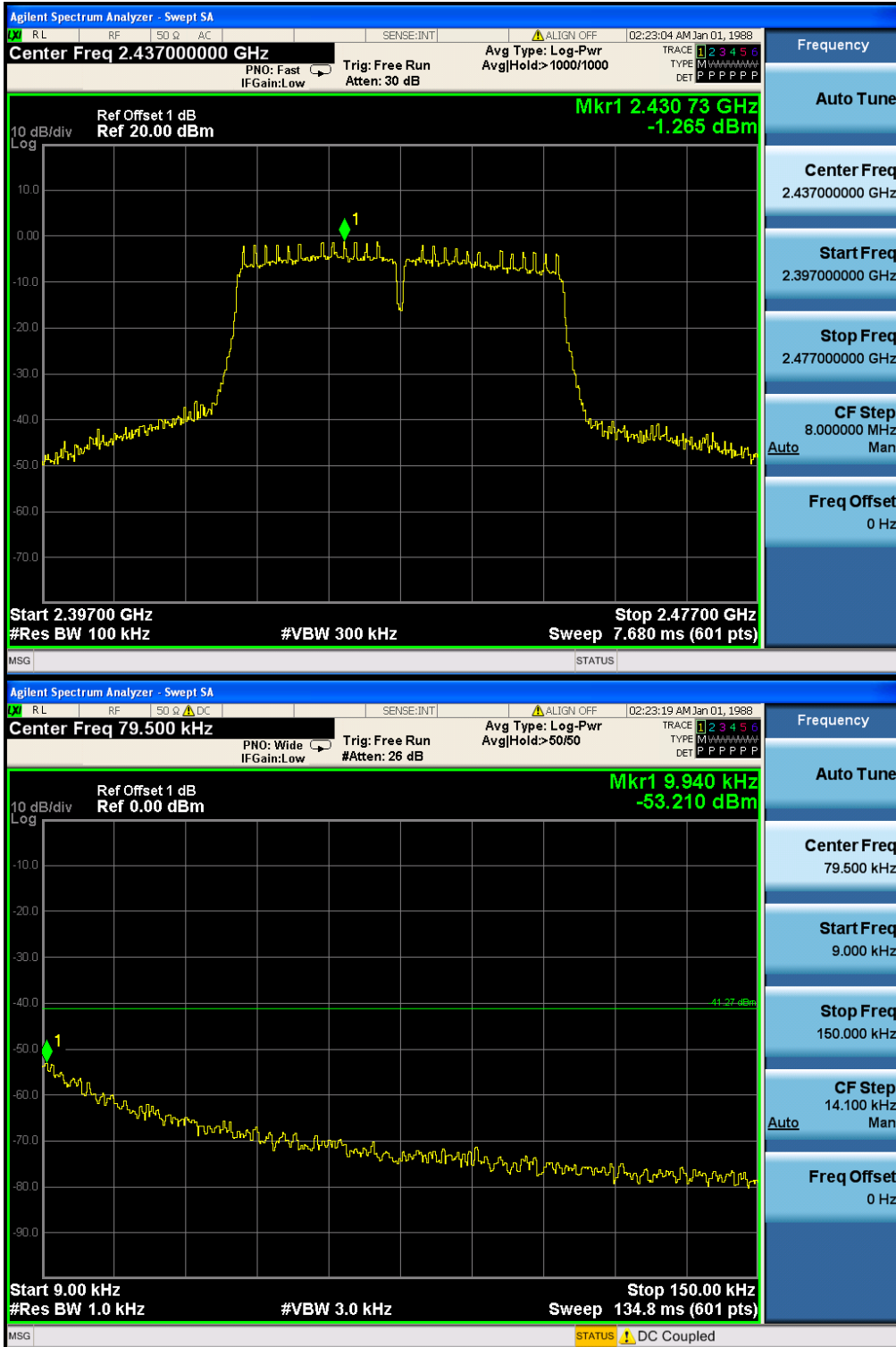


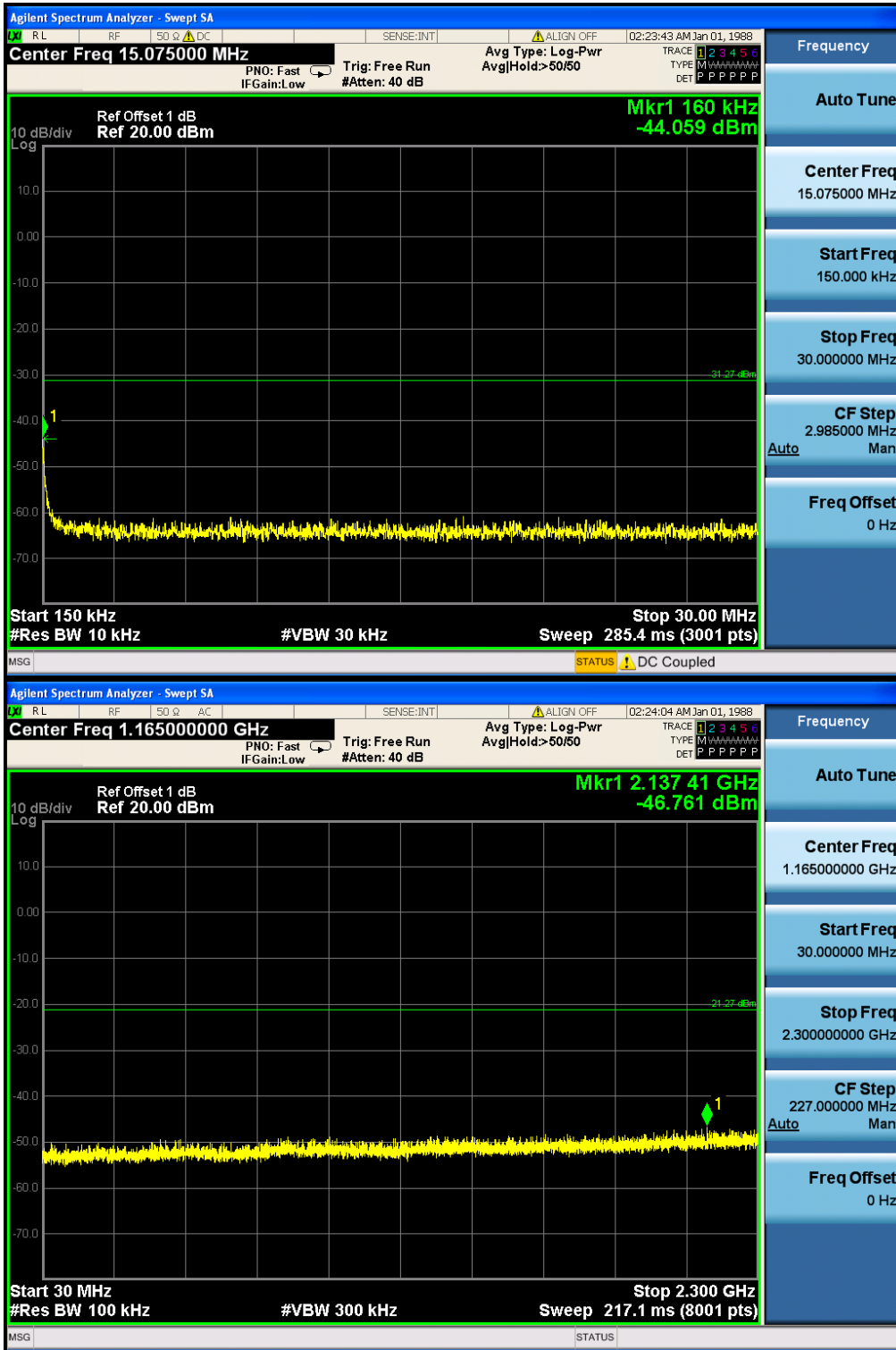


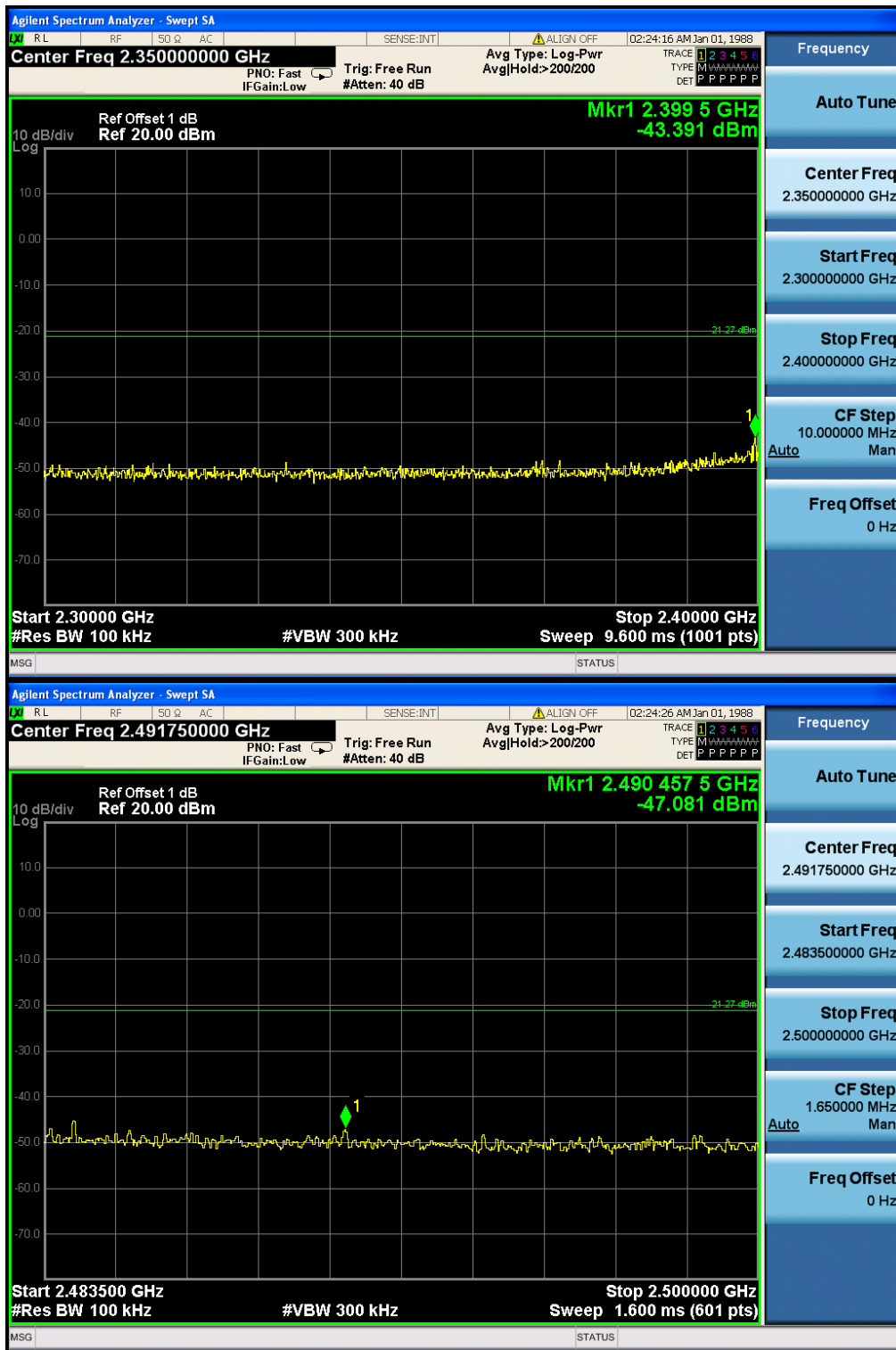


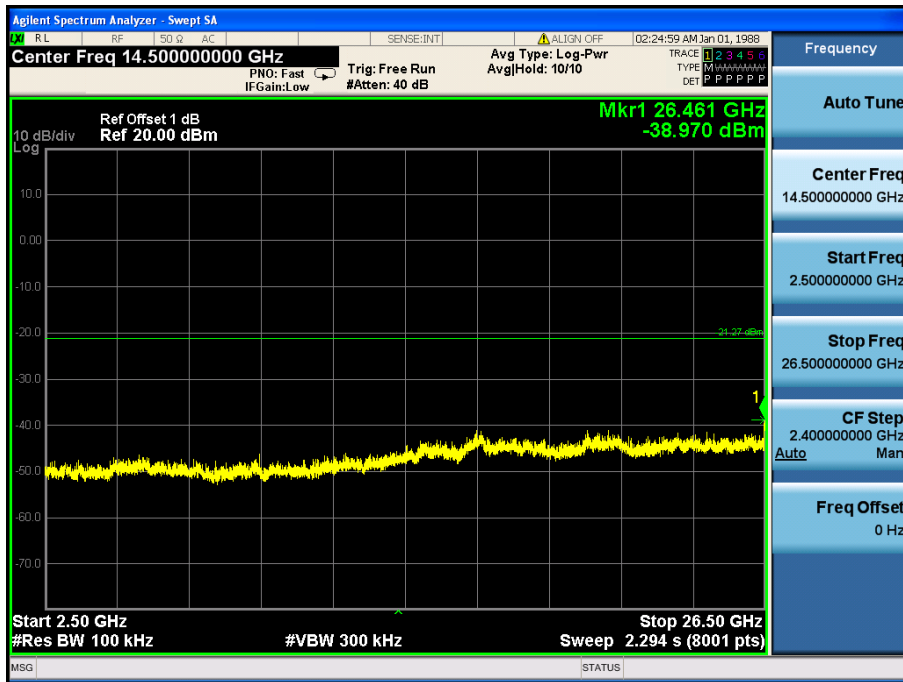


4.8.1.1.11 802.11 N40 Middle Channel



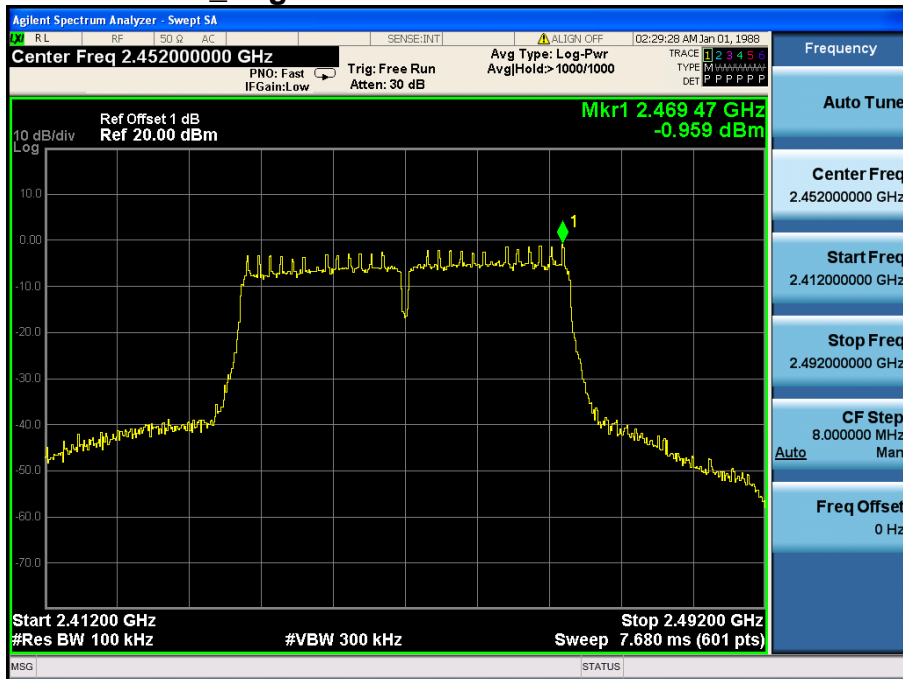




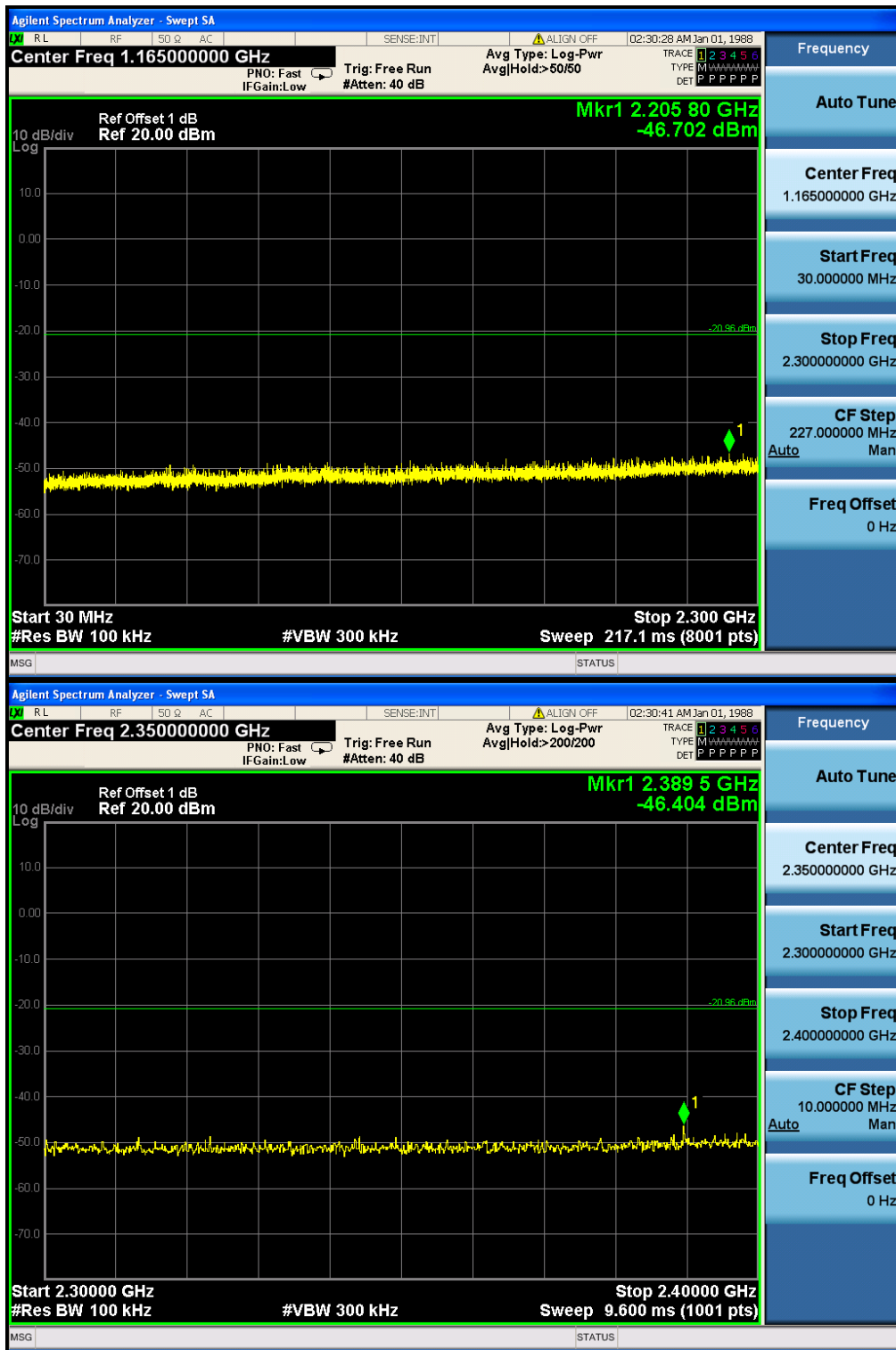


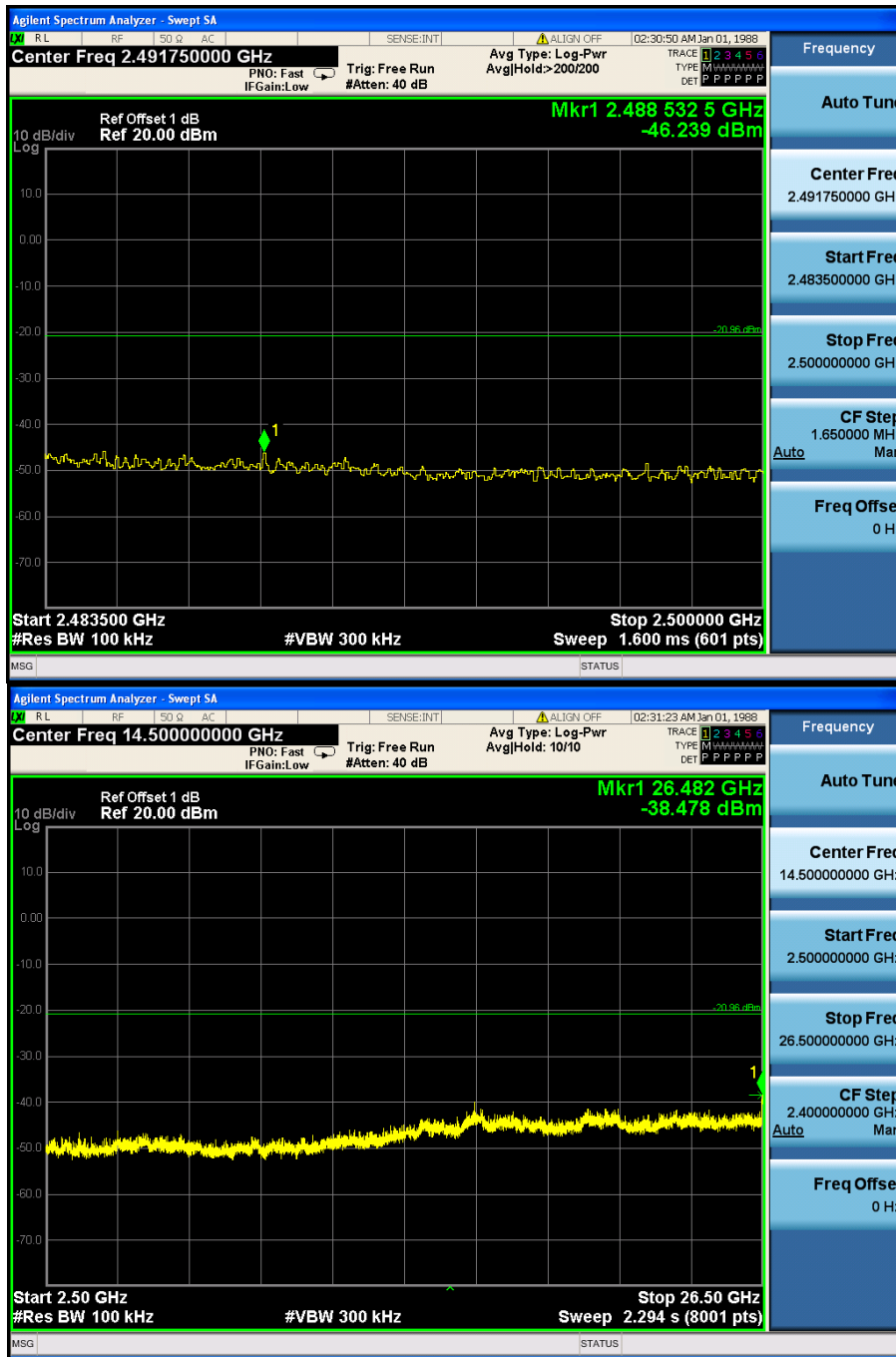
4.8.1.1.12

802.11 N40_ Highest Channel









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.



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 (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:	
-------------	--



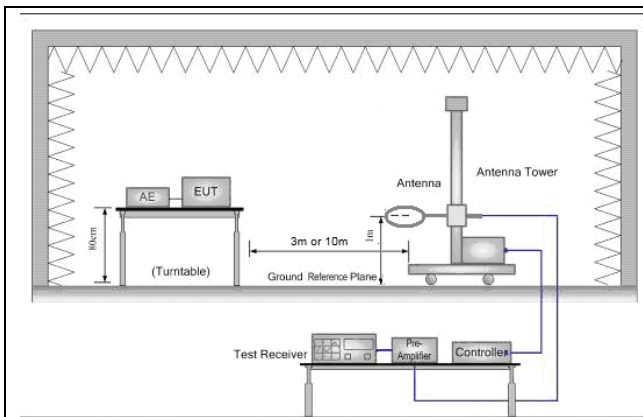


Figure 1. Below 30MHz

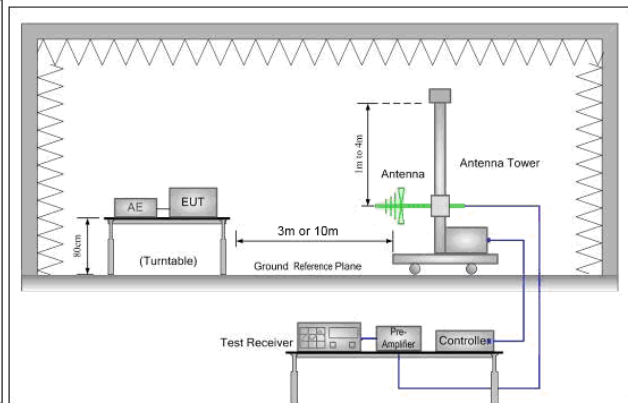


Figure 2. 30MHz to 1GHz

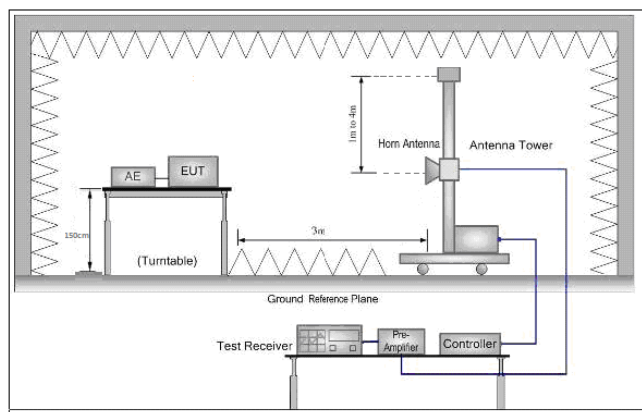


Figure 3. Above 1 GHz

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 rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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

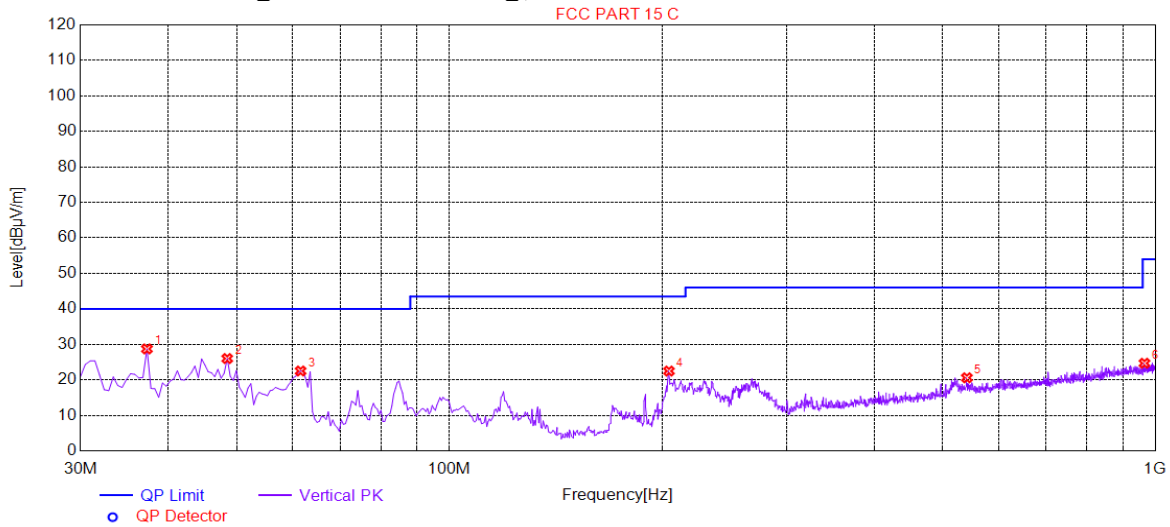


	<p>re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> <p>h. Test the EUT in the lowest channel, the middle channel ,the Highest channel</p> <p>i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.</p> <p>j. Repeat above procedures until all frequencies measured was complete.</p>
Exploratory Test Mode:	<p>Transmitting with all kind of modulations, data rates.</p> <p>Charge + Transmitting mode.</p>
Final Test Mode:	<p>Pretest the EUT at Charge + Transmitting mode.</p> <p>Through Pre-scan, find the</p> <p>1Mbps of rate is the worst case of 802.11B;</p> <p>6Mbps of rate is the worst case of 802.11G;</p> <p>6.5Mbps of rate is the worst case of 802.11N(HT20);</p> <p>13.5Mbps of rate is the worst case of 802.11N(HT40)</p> <p>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.</p>
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



4.9.1 Radiated emission below 1GHz

4.9.1.1 Charge + Transmitting, Vertical



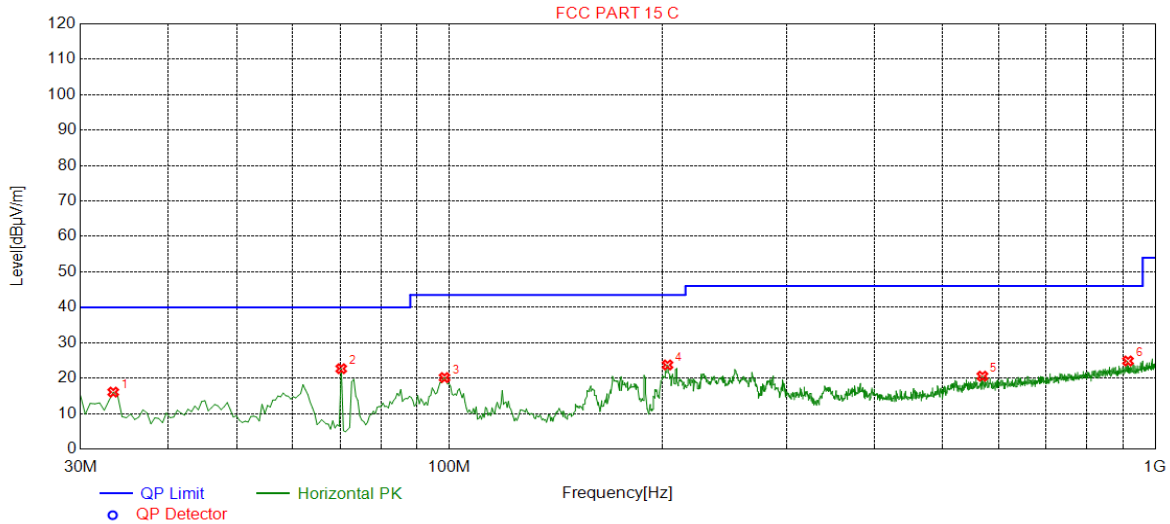
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.2786	28.72	-32.03	40.00	11.28	100	343	Vertical
2	48.4392	26.01	-30.19	40.00	13.99	100	211	Vertical
3	61.5408	22.50	-32.04	40.00	17.50	100	292	Vertical
4	204.6873	22.48	-30.72	43.50	21.02	200	316	Vertical
5	540.9605	20.59	-21.67	46.00	25.41	200	300	Vertical
6	965.5478	24.68	-14.28	54.00	29.32	100	34	Vertical



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4.9.1.2 Charge + Transmitting, Horizontal



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.3967	16.06	-32.79	40.00	23.94	200	17	Horizontal
2	70.2751	22.67	-34.21	40.00	17.33	100	360	Horizontal
3	98.4192	20.16	-31.96	43.50	23.34	200	266	Horizontal
4	203.7169	23.73	-30.74	43.50	19.77	100	266	Horizontal
5	569.1046	20.55	-20.93	46.00	25.45	100	122	Horizontal
6	915.0825	24.85	-15.00	46.00	21.15	100	176	Horizontal



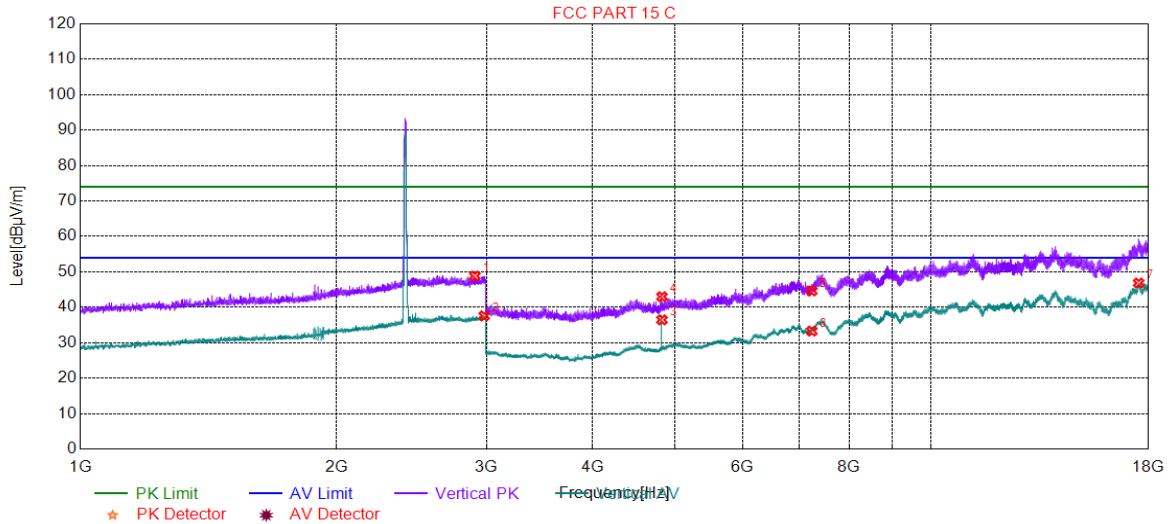
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4.9.2 Transmitter emission above 1GHz

4.9.2.1 ANT1

4.9.2.1.1 802.11B_Lowest Channel_ Vertical



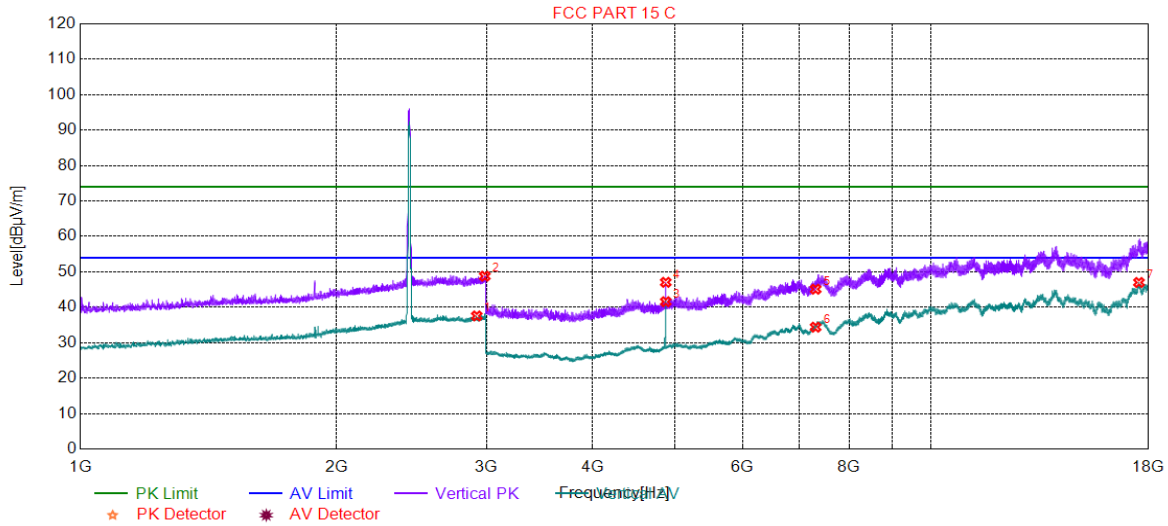
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2907.476	48.83	2.27	74.00	25.17	150	264	Vertical
2	2982.495	37.58	2.32	54.00	16.42	150	131	Vertical
3	4824.000	36.46	-20.09	54.00	17.54	150	115	Vertical
4	4824.000	43.00	-20.09	74.00	31.00	150	131	Vertical
5	7236.000	44.61	-12.40	74.00	29.39	150	99	Vertical
6	7236.000	33.29	-12.40	54.00	20.71	150	131	Vertical
7	17523.97	46.84	0.66	54.00	7.16	150	140	Vertical



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4.9.2.1.2 802.11B_ Middle Channel_ Vertical



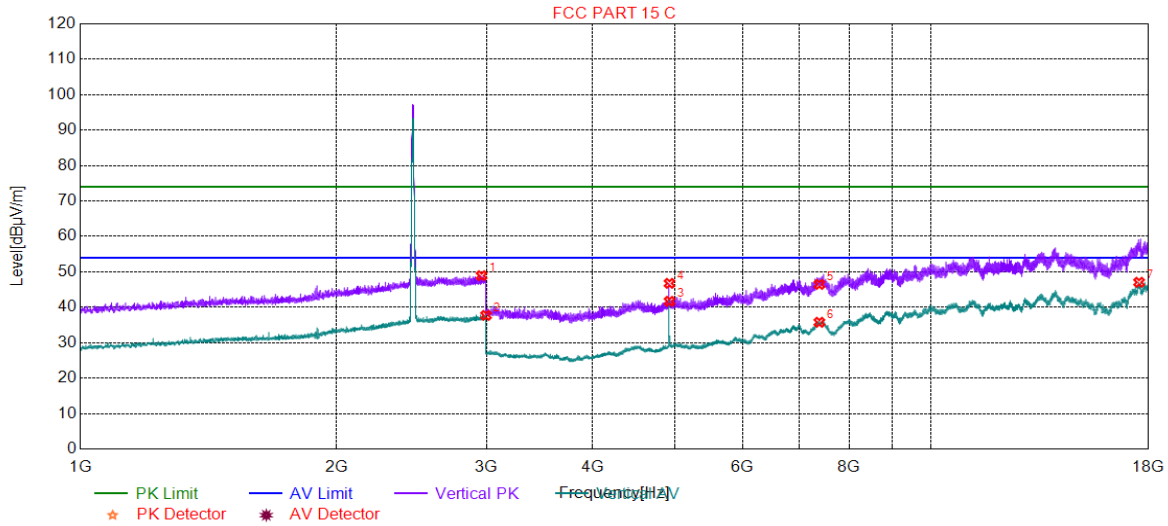
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2922.9807	37.56	2.28	54.00	16.44	150	272	Vertical
2	2986.9967	48.78	2.32	74.00	25.22	150	139	Vertical
3	4874.0000	41.58	-19.37	54.00	12.42	150	116	Vertical
4	4874.0000	47.05	-19.37	74.00	26.95	150	116	Vertical
5	7311.0000	45.11	-11.50	74.00	28.89	150	164	Vertical
6	7311.0000	34.39	-11.50	54.00	19.61	150	327	Vertical
7	17534.9767	47.01	0.80	54.00	6.99	150	142	Vertical



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4.9.2.1.3 802.11B_ Highest Channel_ Vertical



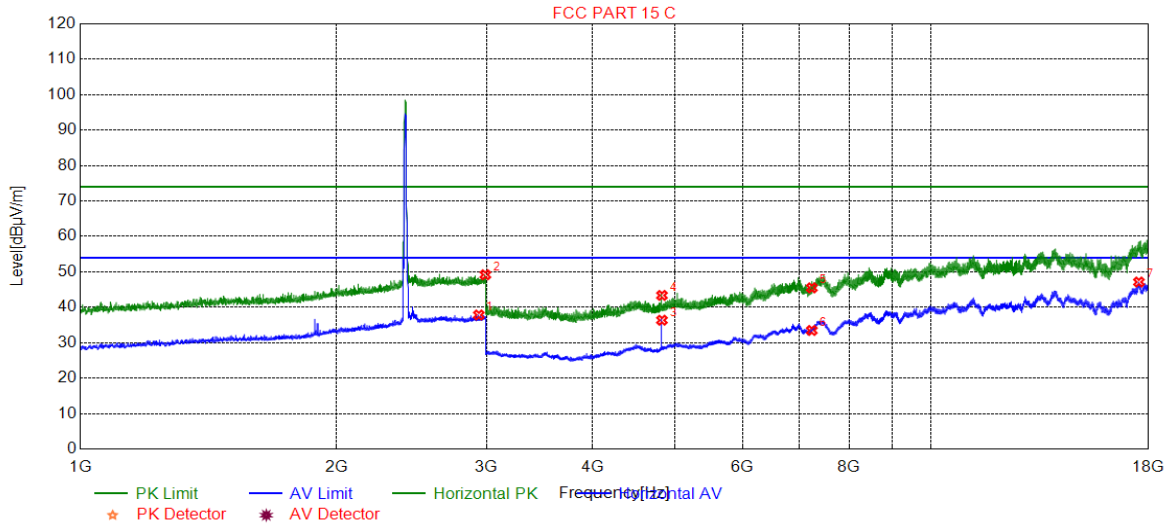
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2960.9902	48.92	2.30	74.00	25.08	150	1	Vertical
2	2996.9993	37.72	2.33	54.00	16.28	150	225	Vertical
3	4924.0000	41.69	-18.87	54.00	12.31	150	148	Vertical
4	4924.0000	46.76	-18.87	74.00	27.24	150	148	Vertical
5	7386.0000	46.47	-10.72	74.00	27.53	150	196	Vertical
6	7386.0000	35.77	-10.72	54.00	18.23	150	356	Vertical
7	17541.9771	47.06	0.89	54.00	6.94	150	114	Vertical



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4.9.2.1.4 802.11B_Lowest Channel_Horizontal



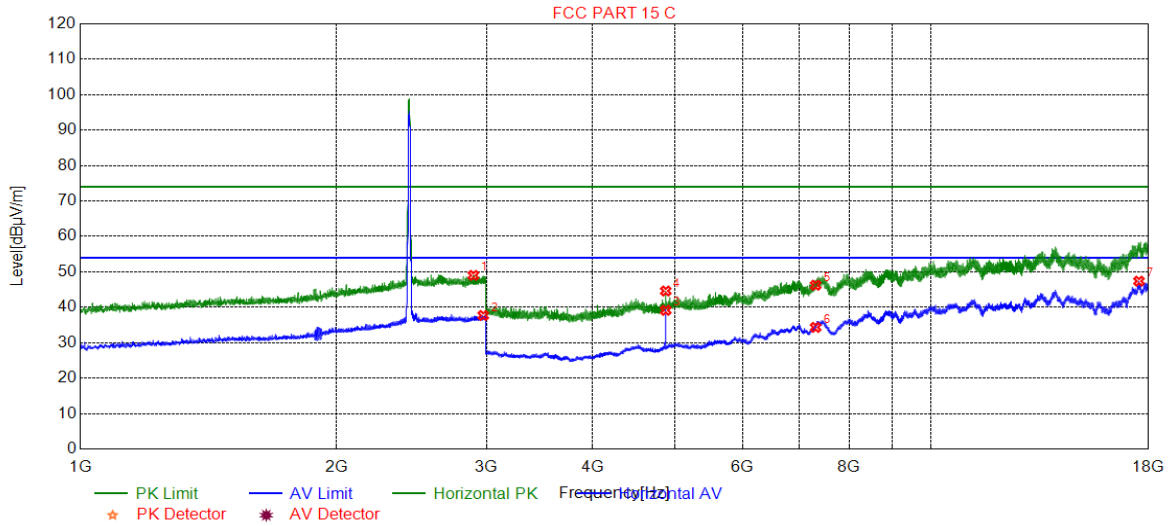
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2938.9847	37.83	2.29	54.00	16.17	150	309	Horizontal
2	2991.4979	49.19	2.32	74.00	24.81	150	167	Horizontal
3	4824.0000	36.35	-20.09	54.00	17.65	150	228	Horizontal
4	4824.0000	43.36	-20.09	74.00	30.64	150	244	Horizontal
5	7236.0000	45.49	-12.40	74.00	28.51	150	360	Horizontal
6	7236.0000	33.46	-12.40	54.00	20.54	150	67	Horizontal
7	17533.9767	47.13	0.78	54.00	6.87	150	342	Horizontal



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4.9.2.1.5 802.11B_ Middle Channel_ Horizontal



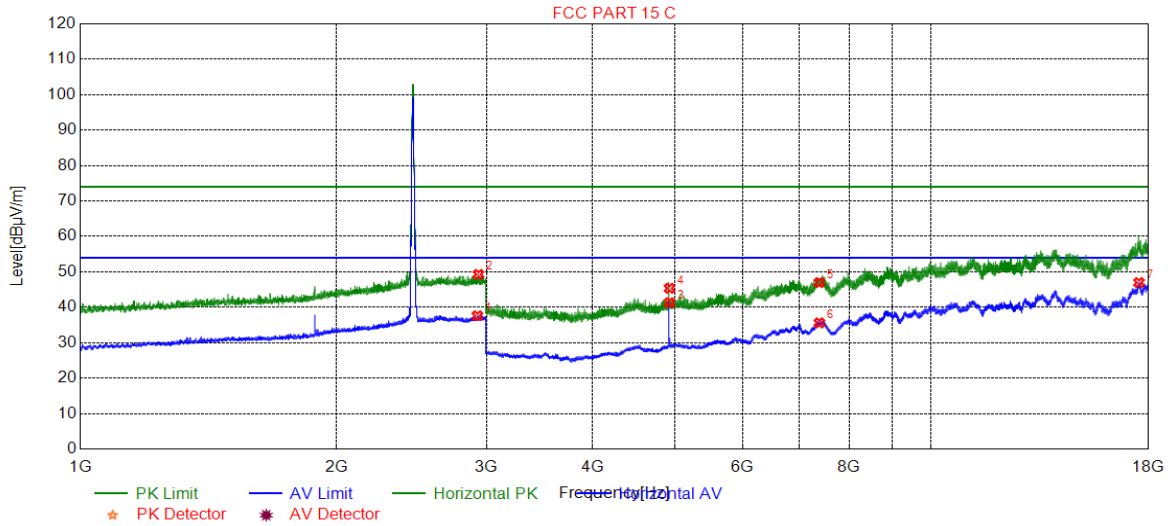
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2895.9740	49.01	2.26	74.00	24.99	150	340	Horizontal
2	2974.4936	37.70	2.31	54.00	16.30	150	324	Horizontal
3	4874.0000	39.15	-19.37	54.00	14.85	150	229	Horizontal
4	4874.0000	44.60	-19.37	74.00	29.40	150	229	Horizontal
5	7311.0000	46.24	-11.50	74.00	27.76	150	99	Horizontal
6	7311.0000	34.33	-11.50	54.00	19.67	150	278	Horizontal
7	17537.9769	47.38	0.84	54.00	6.62	150	84	Horizontal



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4.9.2.1.6 802.11B_ Highest Channel_ Horizontal



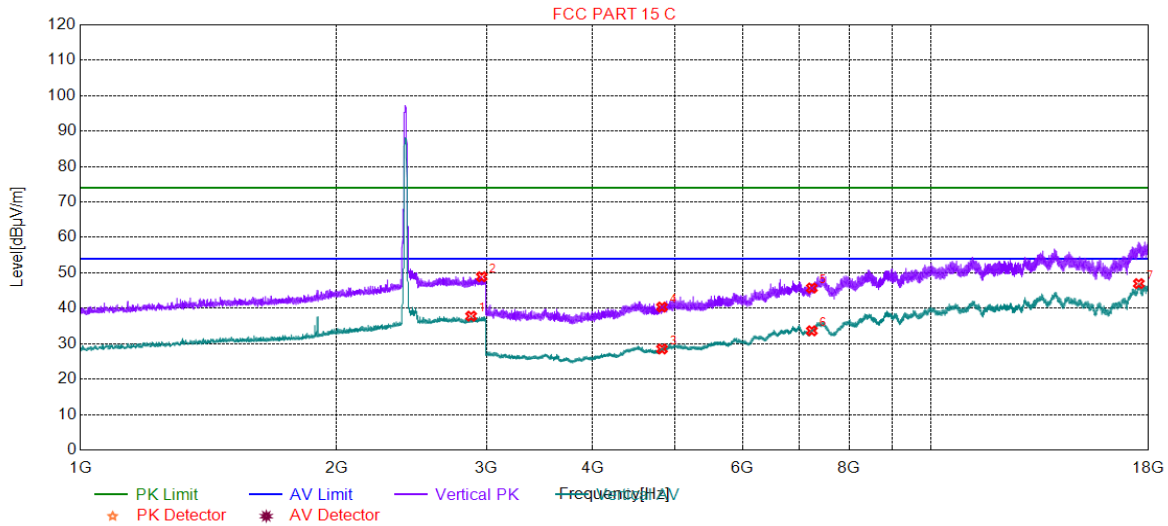
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2927.9820	37.61	2.28	54.00	16.39	150	198	Horizontal
2	2936.4841	49.29	2.29	74.00	24.71	150	127	Horizontal
3	4924.0000	41.31	-18.87	54.00	12.69	150	245	Horizontal
4	4924.0000	45.36	-18.87	74.00	28.64	150	245	Horizontal
5	7386.0000	46.98	-10.72	74.00	27.02	150	83	Horizontal
6	7386.0000	35.60	-10.72	54.00	18.40	150	277	Horizontal
7	17537.4769	46.99	0.83	54.00	7.01	150	2	Horizontal



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4.9.2.1.7 802.11G_Lowest Channel_Vertical



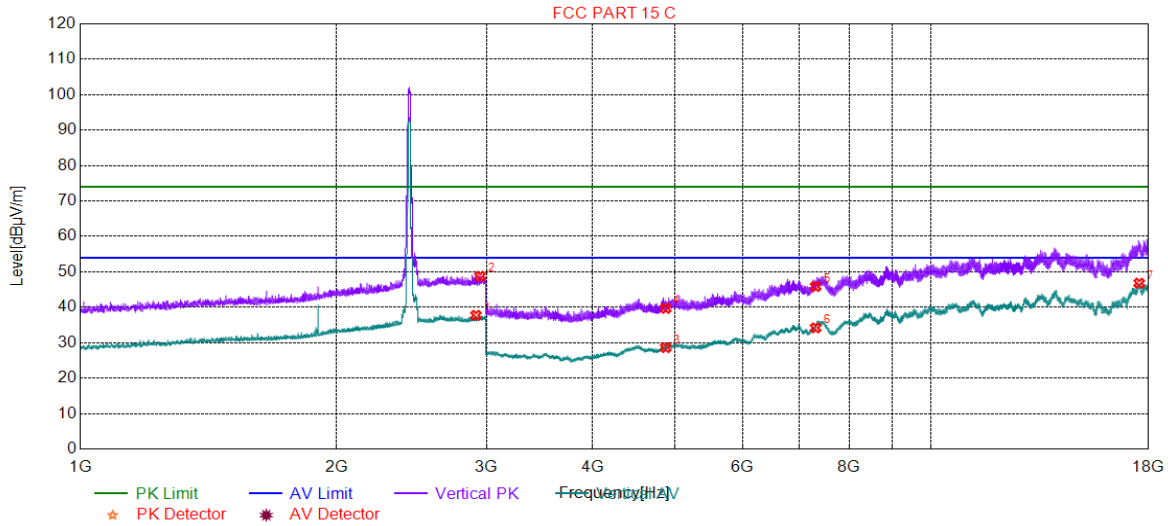
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2878.4696	37.78	2.23	54.00	16.22	150	0	Vertical
2	2962.4906	48.89	2.30	74.00	25.11	150	218	Vertical
3	4824.0000	28.52	-20.09	54.00	25.48	150	99	Vertical
4	4824.0000	40.35	-20.09	74.00	33.65	150	34	Vertical
5	7236.0000	45.72	-12.40	74.00	28.28	150	342	Vertical
6	7236.0000	33.65	-12.40	54.00	20.35	150	18	Vertical
7	17527.9764	46.97	0.71	54.00	7.03	150	200	Vertical



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4.9.2.1.8 802.11G_ Middle Channel_ Vertical



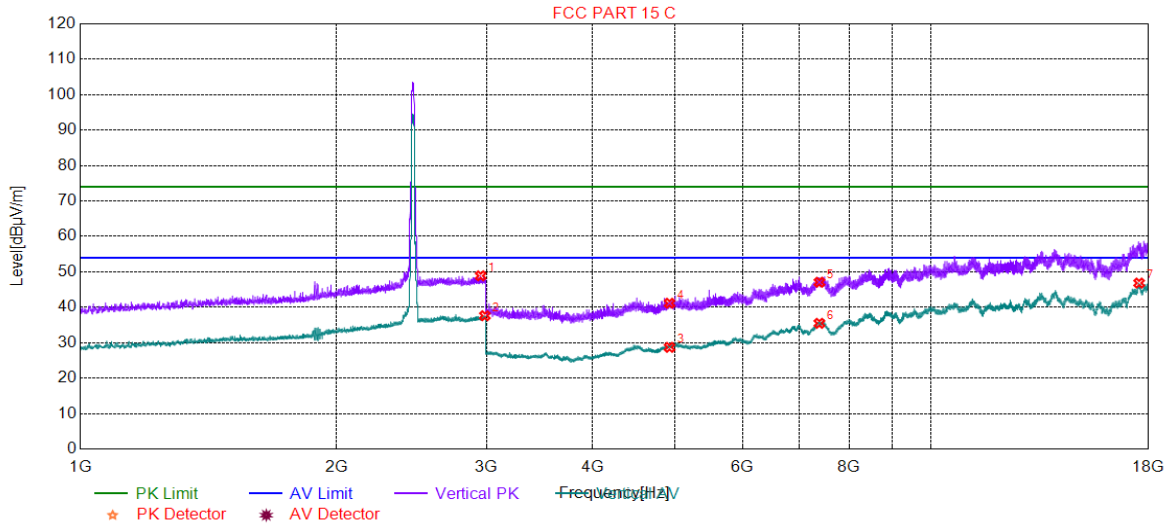
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2916.4791	37.74	2.27	54.00	16.26	150	124	Vertical
2	2948.9872	48.74	2.29	74.00	25.26	150	77	Vertical
3	4874.0000	28.62	-19.37	54.00	25.38	150	277	Vertical
4	4874.0000	39.70	-19.37	74.00	34.30	150	229	Vertical
5	7311.0000	45.86	-11.50	74.00	28.14	150	180	Vertical
6	7311.0000	34.19	-11.50	54.00	19.81	150	261	Vertical
7	17547.4774	46.80	0.96	54.00	7.20	150	312	Vertical



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4.9.2.1.9 802.11G_ Highest Channel_ Vertical



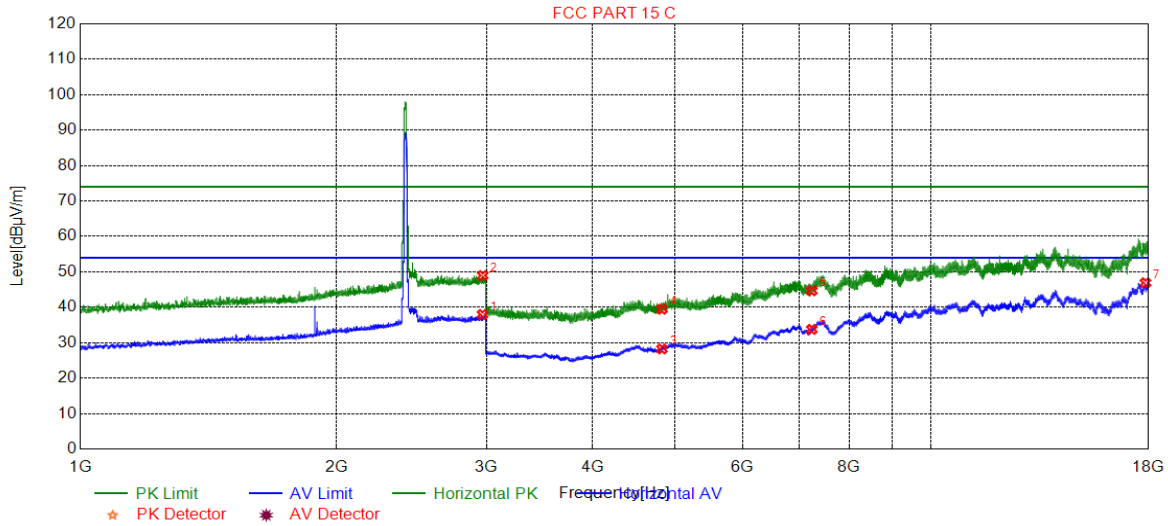
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2953.9885	48.89	2.30	74.00	25.11	150	343	Vertical
2	2987.4969	37.62	2.32	54.00	16.38	150	6	Vertical
3	4924.0000	28.70	-18.87	54.00	25.30	150	148	Vertical
4	4924.0000	41.15	-18.87	74.00	32.85	150	83	Vertical
5	7386.0000	47.07	-10.72	74.00	26.93	150	99	Vertical
6	7386.0000	35.48	-10.72	54.00	18.52	150	67	Vertical
7	17542.4771	46.84	0.89	54.00	7.16	150	113	Vertical



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4.9.2.1.10 802.11G_Lowest Channel_Horizontal



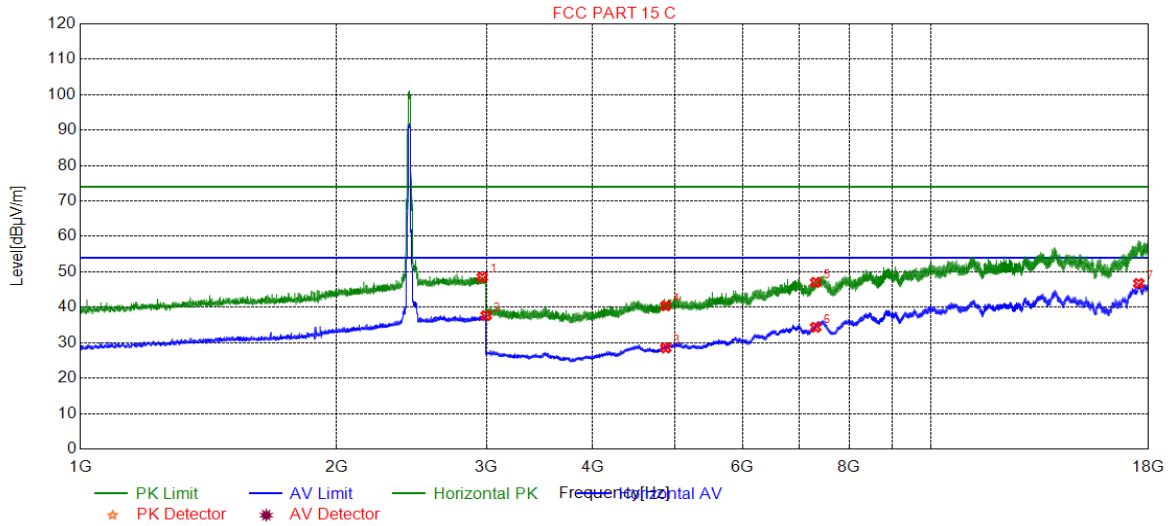
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2968.4921	37.97	2.31	54.00	16.03	150	277	Horizontal
2	2970.4926	48.97	2.31	74.00	25.03	150	301	Horizontal
3	4824.0000	28.25	-20.09	54.00	25.75	150	326	Horizontal
4	4824.0000	39.46	-20.09	74.00	34.54	150	229	Horizontal
5	7236.0000	44.67	-12.40	74.00	29.33	150	50	Horizontal
6	7236.0000	33.77	-12.40	54.00	20.23	150	229	Horizontal
7	17849.9925	46.91	-0.94	54.00	7.09	150	114	Horizontal



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4.9.2.1.11 802.11G_ Middle Channel_ Horizontal



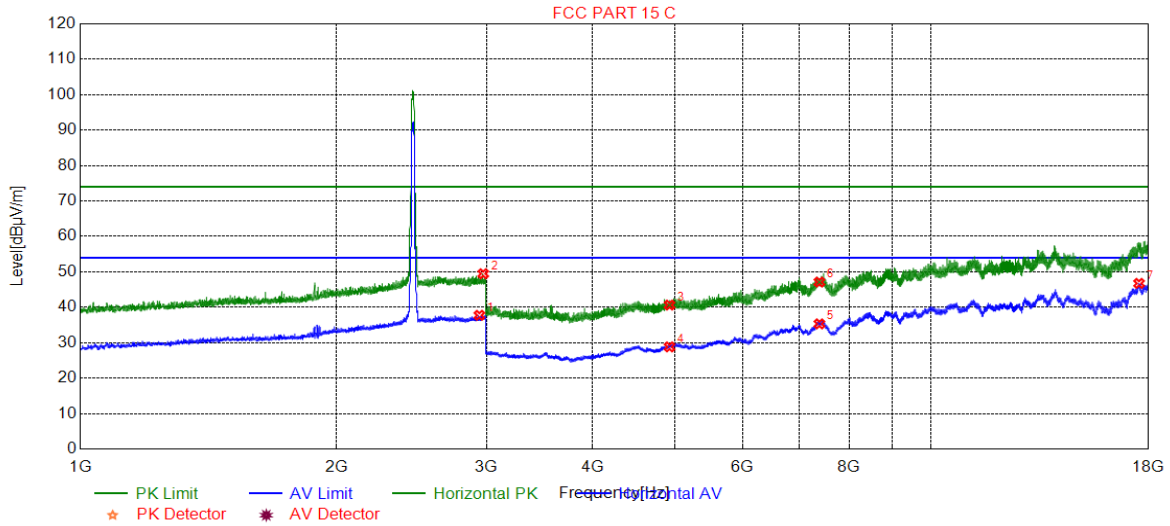
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2966.9917	48.48	2.31	74.00	25.52	150	143	Horizontal
2	2997.4994	37.67	2.33	54.00	16.33	150	120	Horizontal
3	4874.0000	28.53	-19.37	54.00	25.47	150	66	Horizontal
4	4874.0000	40.41	-19.37	74.00	33.59	150	66	Horizontal
5	7311.0000	47.04	-11.50	74.00	26.96	150	293	Horizontal
6	7311.0000	34.37	-11.50	54.00	19.63	150	356	Horizontal
7	17527.9764	46.74	0.71	54.00	7.26	150	342	Horizontal



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4.9.2.1.12 802.11G_ Highest Channel_ Horizontal



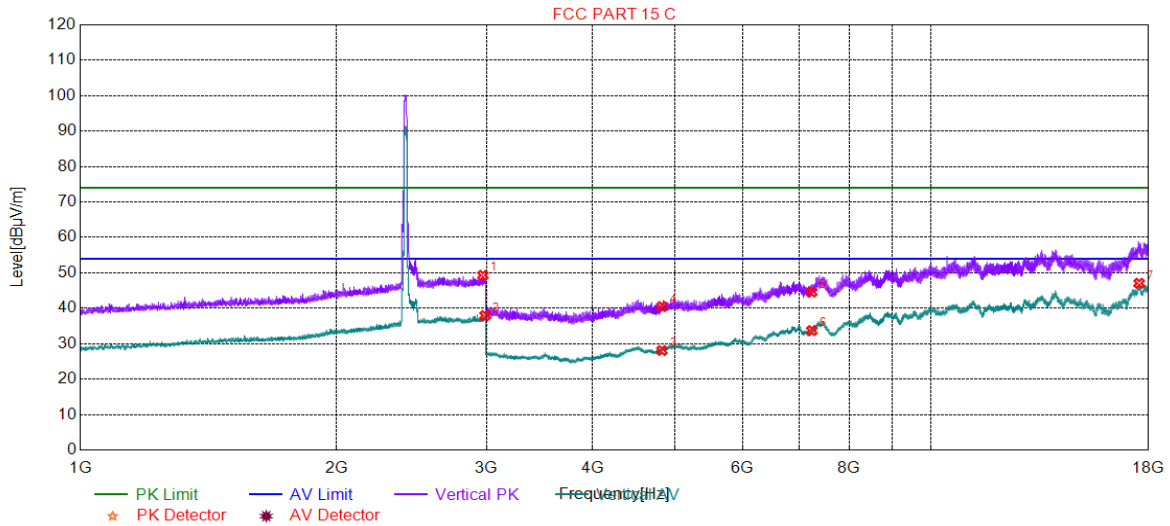
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2943.4859	37.74	2.29	54.00	16.26	150	174	Horizontal
2	2973.9935	49.47	2.31	74.00	24.53	150	174	Horizontal
3	4924.0000	40.64	-18.87	74.00	33.36	150	197	Horizontal
4	4924.0000	28.82	-18.87	54.00	25.18	150	180	Horizontal
5	7386.0000	35.32	-10.72	54.00	18.68	150	277	Horizontal
6	7386.0000	47.12	-10.72	74.00	26.88	150	148	Horizontal
7	17539.9770	46.75	0.86	54.00	7.25	150	199	Horizontal



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4.9.2.1.13 802.11N20_Lowest Channel_Vertical



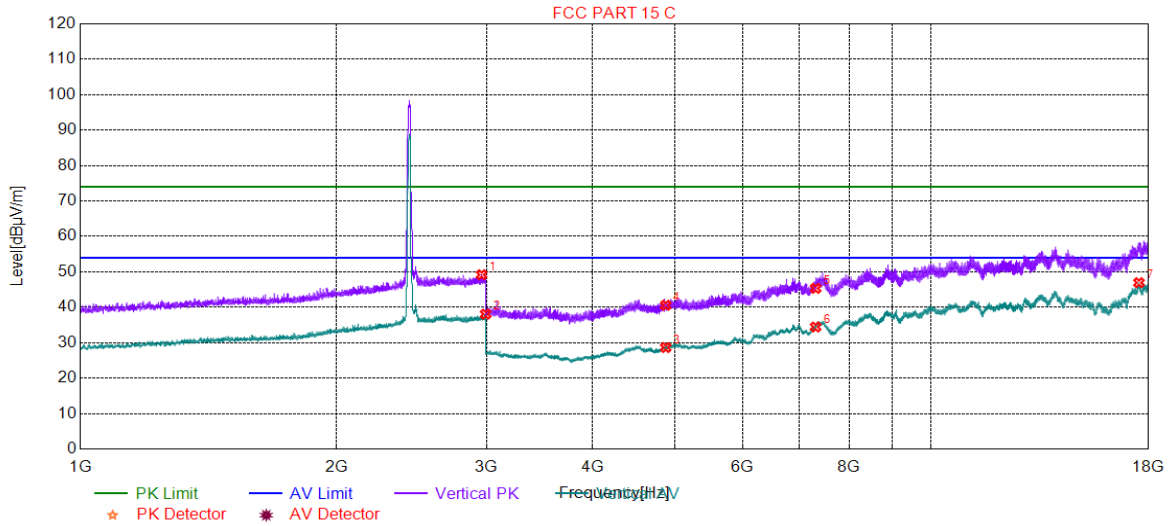
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2971.4929	49.31	2.31	74.00	24.69	150	343	Vertical
2	2989.4974	37.95	2.32	54.00	16.05	150	311	Vertical
3	4824.0000	28.09	-20.09	54.00	25.91	150	148	Vertical
4	4824.0000	40.49	-20.09	74.00	33.51	150	246	Vertical
5	7236.0000	44.58	-12.40	74.00	29.42	150	18	Vertical
6	7236.0000	33.72	-12.40	54.00	20.28	150	100	Vertical
7	17545.4773	47.06	0.93	54.00	6.94	150	228	Vertical



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4.9.2.1.14 802.11N20_ Middle Channel_ Vertical



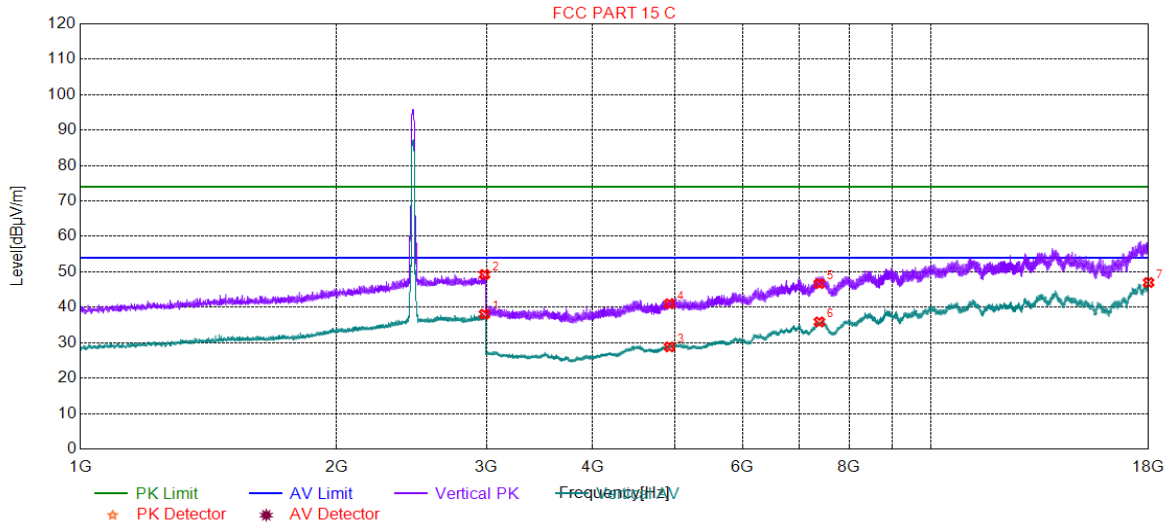
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2961.4904	49.20	2.30	74.00	24.80	150	225	Vertical
2	2993.9985	38.07	2.33	54.00	15.93	150	288	Vertical
3	4874.0000	28.64	-19.37	54.00	25.36	150	18	Vertical
4	4874.0000	40.58	-19.37	74.00	33.42	150	83	Vertical
5	7311.0000	45.34	-11.50	74.00	28.66	150	263	Vertical
6	7311.0000	34.45	-11.50	54.00	19.55	150	196	Vertical
7	17535.4768	46.95	0.80	54.00	7.05	150	342	Vertical



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4.9.2.1.15 802.11N20_ Highest Channel_ Vertical



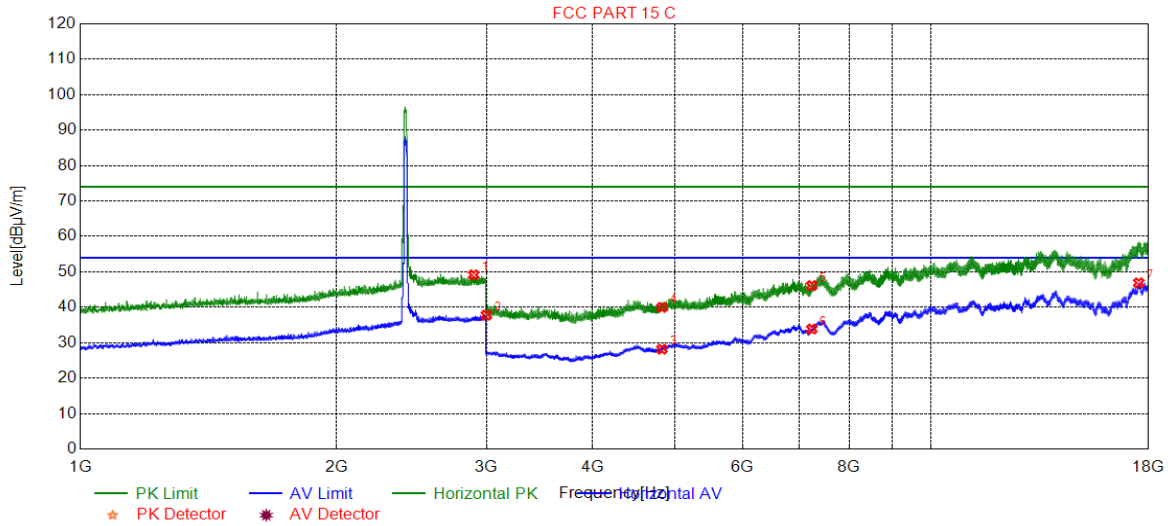
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2983.9960	38.06	2.32	54.00	15.94	150	131	Vertical
2	2984.9962	49.25	2.32	74.00	24.75	150	225	Vertical
3	4924.0000	28.82	-18.87	54.00	25.18	150	163	Vertical
4	4924.0000	41.02	-18.87	74.00	32.98	150	34	Vertical
5	7386.0000	46.68	-10.72	74.00	27.32	150	83	Vertical
6	7386.0000	35.88	-10.72	54.00	18.12	150	260	Vertical
7	17997.4999	46.99	-0.37	54.00	7.01	150	29	Vertical



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4.9.2.1.16 802.11N20_Lowest Channel_Horizontal



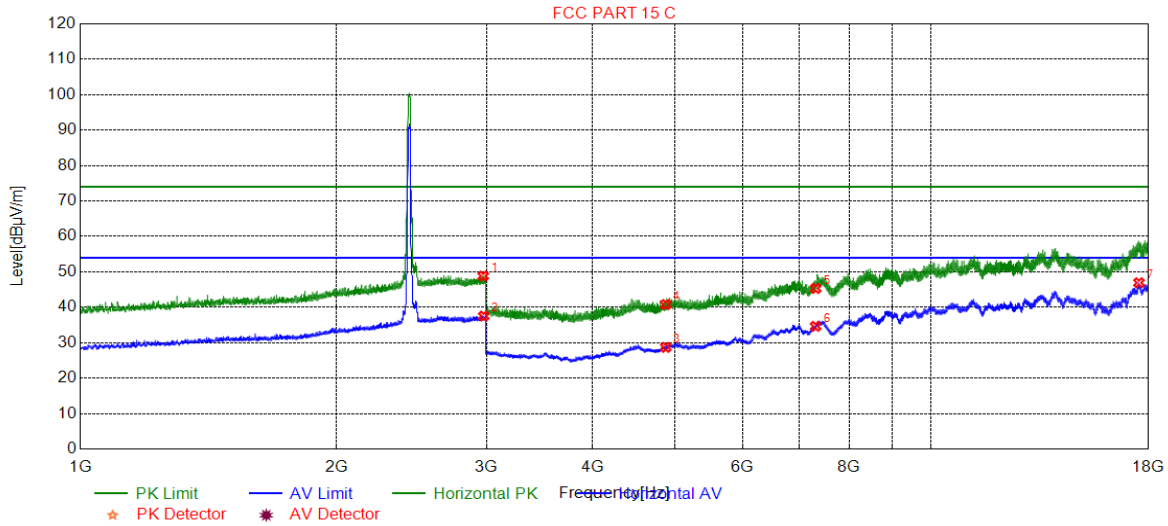
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2898.4746	49.16	2.26	74.00	24.84	150	17	Horizontal
2	3000.0000	37.79	2.33	54.00	16.21	150	228	Horizontal
3	4824.0000	28.18	-20.09	54.00	25.82	150	50	Horizontal
4	4824.0000	39.97	-20.09	74.00	34.03	150	147	Horizontal
5	7236.0000	46.12	-12.40	74.00	27.88	150	18	Horizontal
6	7236.0000	33.86	-12.40	54.00	20.14	150	131	Horizontal
7	17527.4764	46.89	0.70	54.00	7.11	150	142	Horizontal



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4.9.2.1.17 802.11N20_ Middle Channel_ Horizontal



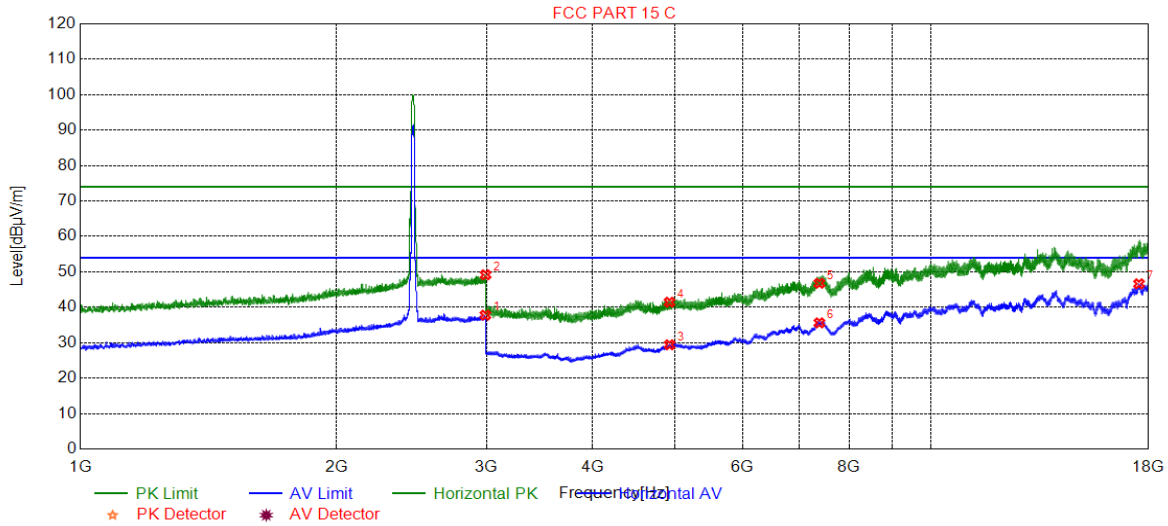
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2973.9935	48.82	2.31	74.00	25.18	150	269	Horizontal
2	2977.9945	37.53	2.31	54.00	16.47	150	48	Horizontal
3	4874.0000	28.70	-19.37	54.00	25.30	150	34	Horizontal
4	4874.0000	40.78	-19.37	74.00	33.22	150	214	Horizontal
5	7311.0000	45.32	-11.50	74.00	28.68	150	345	Horizontal
6	7311.0000	34.63	-11.50	54.00	19.37	150	230	Horizontal
7	17535.9768	46.93	0.81	54.00	7.07	150	56	Horizontal



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4.9.2.1.18 802.11N20_ Highest Channel_ Horizontal



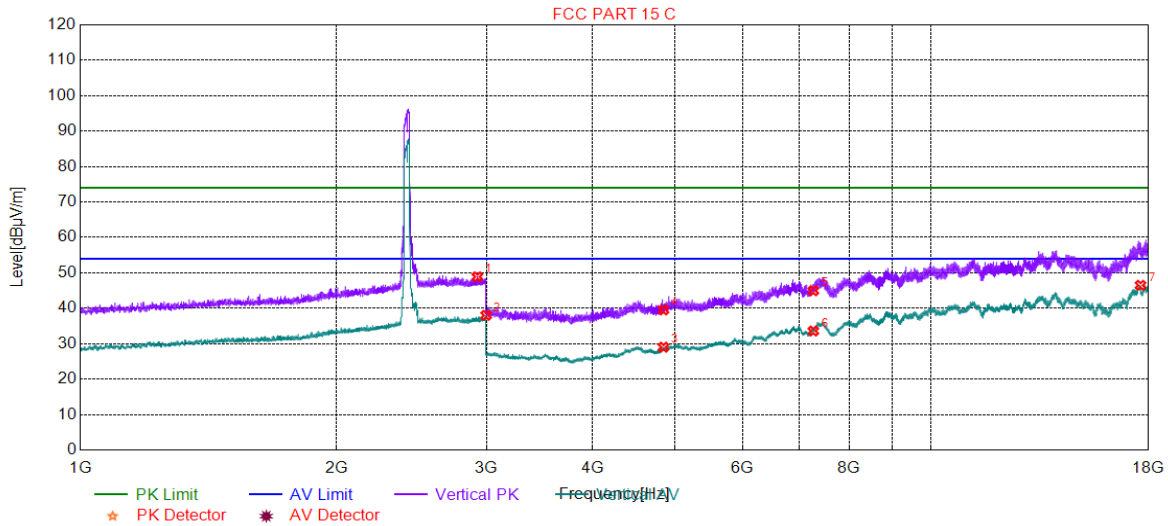
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2991.4979	37.78	2.32	54.00	16.22	150	17	Horizontal
2	2993.4984	49.17	2.33	74.00	24.83	150	221	Horizontal
3	4924.0000	29.42	-18.87	54.00	24.58	150	314	Horizontal
4	4924.0000	41.44	-18.87	74.00	32.56	150	314	Horizontal
5	7386.0000	46.78	-10.72	74.00	27.22	150	200	Horizontal
6	7386.0000	35.60	-10.72	54.00	18.40	150	265	Horizontal
7	17538.4769	46.64	0.84	54.00	7.36	150	285	Horizontal



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4.9.2.1.19 802.11N40_Lowest Channel_Vertical



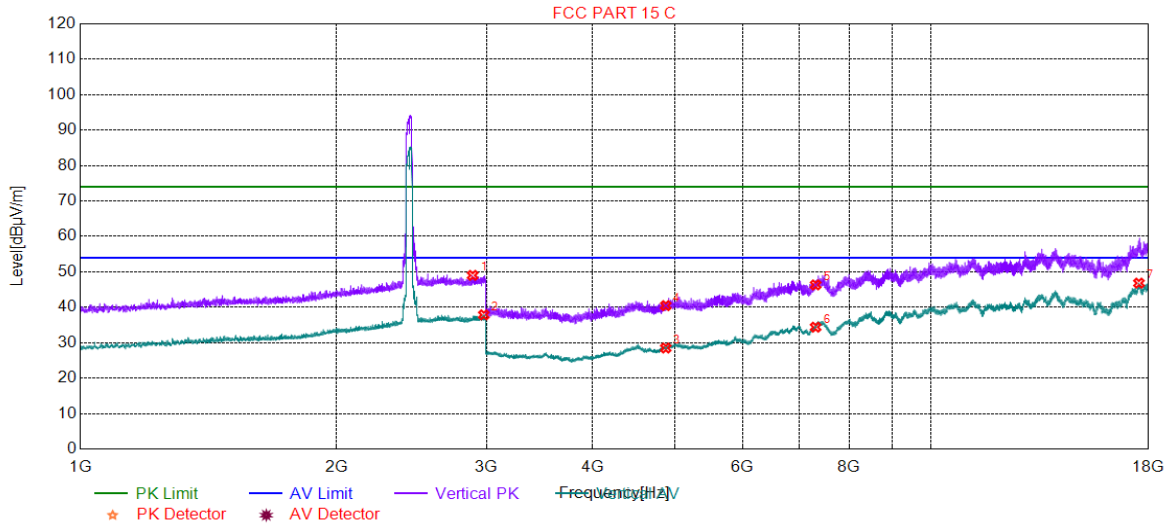
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2927.4819	48.88	2.28	74.00	25.12	150	60	Vertical
2	2997.9995	38.02	2.33	54.00	15.98	150	169	Vertical
3	4844.0000	29.03	-19.80	54.00	24.97	150	82	Vertical
4	4844.0000	39.54	-19.80	74.00	34.46	150	244	Vertical
5	7266.0000	44.95	-12.03	74.00	29.05	150	293	Vertical
6	7266.0000	33.59	-12.03	54.00	20.41	150	325	Vertical
7	17609.9805	46.49	1.37	54.00	7.51	150	114	Vertical



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4.9.2.1.20 802.11N40_ Middle Channel_ Vertical



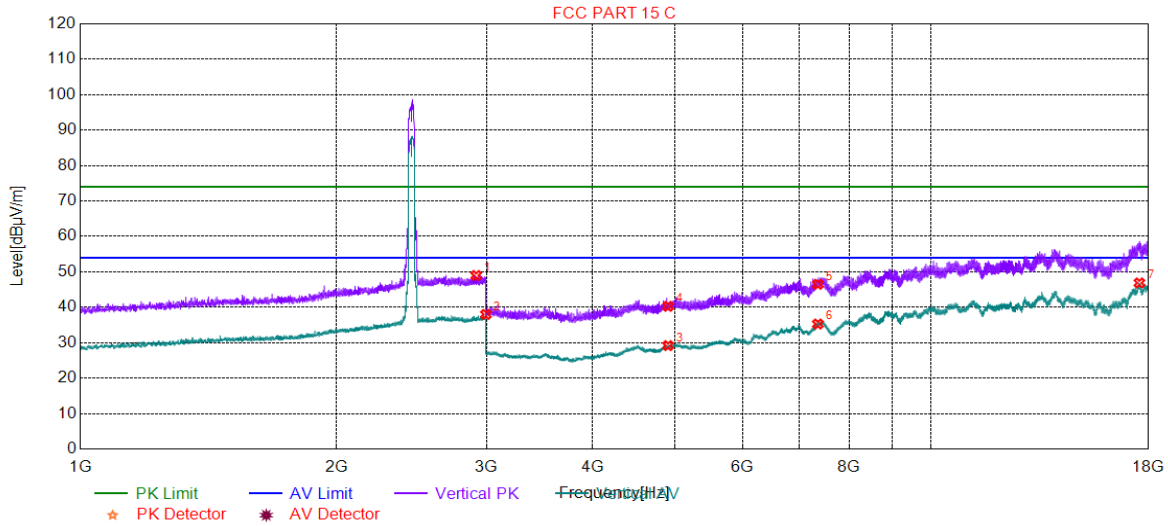
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2890.4726	49.01	2.25	74.00	24.99	150	61	Vertical
2	2978.9947	37.86	2.32	54.00	16.14	150	123	Vertical
3	4874.0000	28.50	-19.37	54.00	25.50	150	310	Vertical
4	4874.0000	40.47	-19.37	74.00	33.53	150	34	Vertical
5	7311.0000	46.32	-11.50	74.00	27.68	150	116	Vertical
6	7311.0000	34.39	-11.50	54.00	19.61	150	229	Vertical
7	17533.9767	46.82	0.78	54.00	7.18	150	56	Vertical



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4.9.2.1.21 802.11N40_ Highest Channel_ Vertical



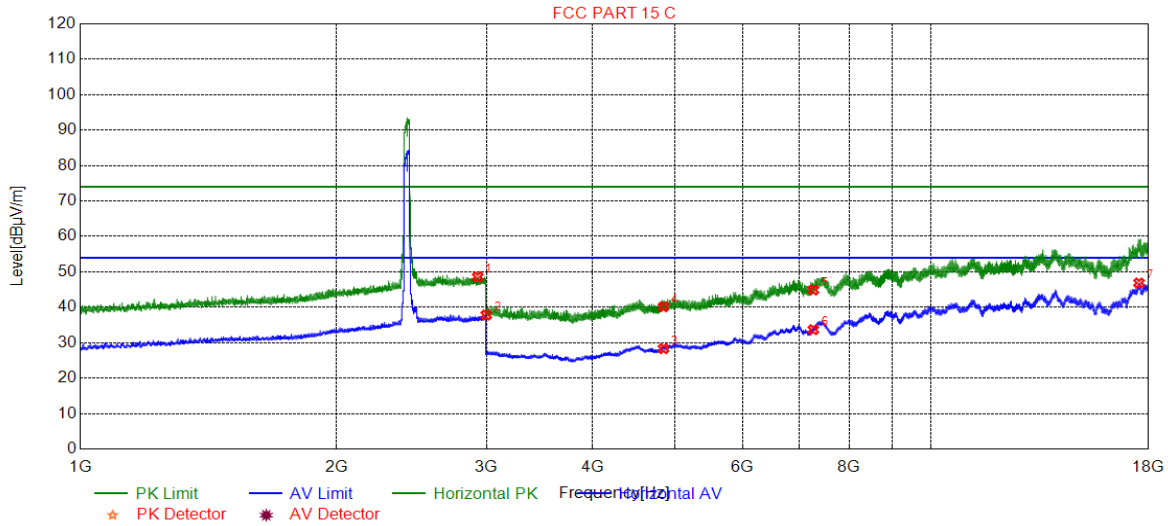
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2917.9795	48.98	2.27	74.00	25.02	150	116	Vertical
2	2995.9990	37.99	2.33	54.00	16.01	150	84	Vertical
3	4904.0000	29.18	-18.98	54.00	24.82	150	270	Vertical
4	4904.0000	40.28	-18.98	74.00	33.72	150	199	Vertical
5	7356.0000	46.49	-11.03	74.00	27.51	150	183	Vertical
6	7356.0000	35.29	-11.03	54.00	18.71	150	354	Vertical
7	17556.9778	46.88	1.08	54.00	7.12	150	1	Vertical



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4.9.2.1.22 802.11N40_Lowest Channel_Horizontal



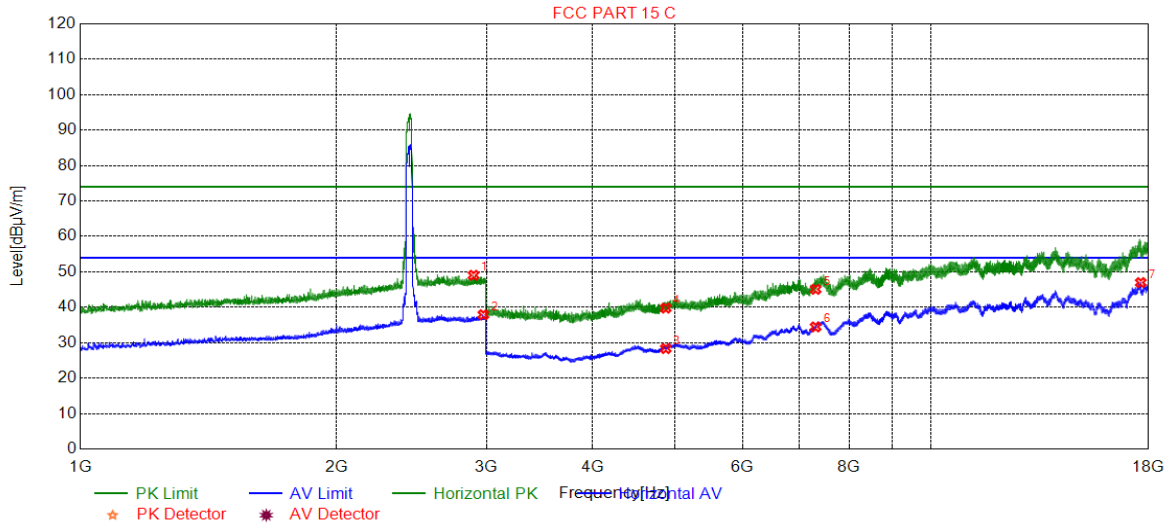
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2929.9825	48.58	2.28	74.00	25.42	150	127	Horizontal
2	2998.4996	37.81	2.33	54.00	16.19	150	72	Horizontal
3	4844.0000	28.31	-19.80	54.00	25.69	150	99	Horizontal
4	4844.0000	40.15	-19.80	74.00	33.85	150	99	Horizontal
5	7266.0000	44.88	-12.03	74.00	29.12	150	212	Horizontal
6	7266.0000	33.68	-12.03	54.00	20.32	150	115	Horizontal
7	17538.9769	46.86	0.85	54.00	7.14	150	85	Horizontal



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4.9.2.1.23 802.11N40_ Middle Channel_ Horizontal



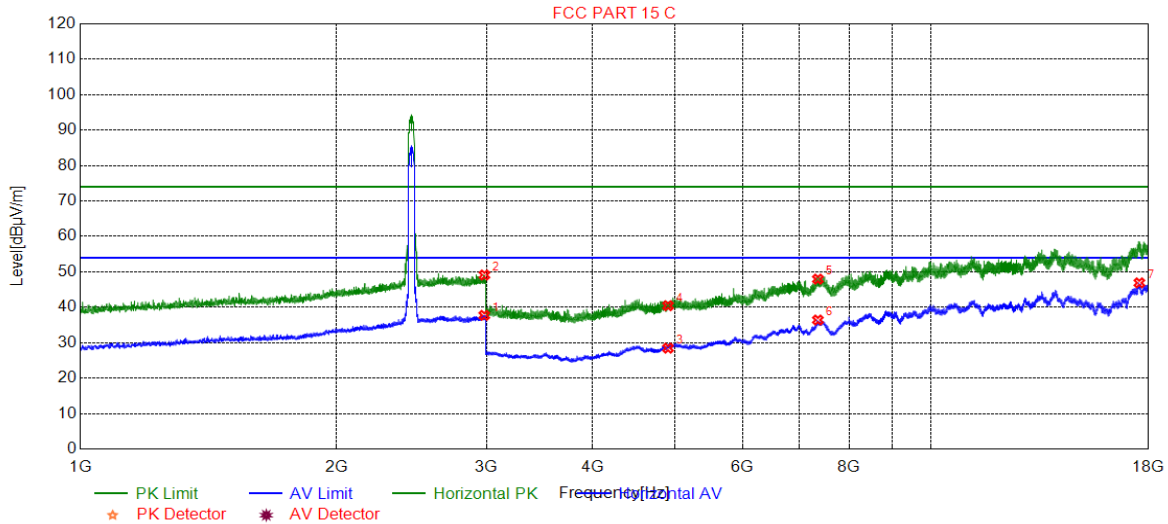
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2896.9742	49.04	2.26	74.00	24.96	150	142	Horizontal
2	2974.9937	37.90	2.31	54.00	16.10	150	25	Horizontal
3	4874.0000	28.35	-19.37	54.00	25.65	150	180	Horizontal
4	4874.0000	39.78	-19.37	74.00	34.22	150	246	Horizontal
5	7311.0000	45.07	-11.50	74.00	28.93	150	196	Horizontal
6	7311.0000	34.46	-11.50	54.00	19.54	150	164	Horizontal
7	17619.4810	46.97	1.12	54.00	7.03	150	285	Horizontal



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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	2982.4956	37.72	2.32	54.00	16.28	150	174	Horizontal
2	2983.9960	49.12	2.32	74.00	24.88	150	306	Horizontal
3	4904.0000	28.47	-18.98	54.00	25.53	150	203	Horizontal
4	4904.0000	40.44	-18.98	74.00	33.56	150	149	Horizontal
5	7356.0000	47.95	-11.03	74.00	26.05	150	359	Horizontal
6	7356.0000	36.41	-11.03	54.00	17.59	150	133	Horizontal
7	17553.4777	46.90	1.03	54.00	7.10	150	24	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:			

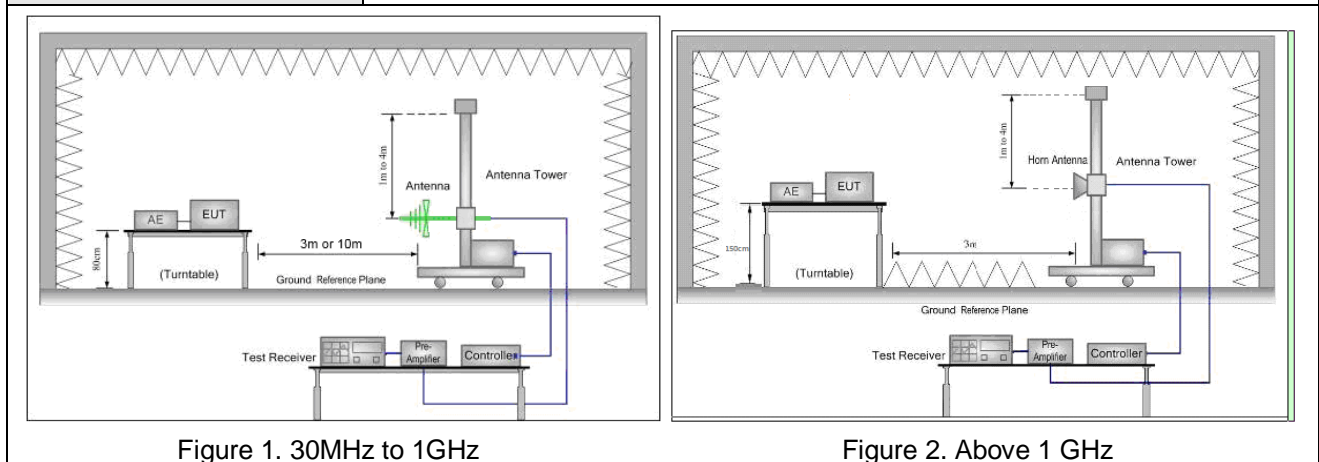


Figure 1. 30MHz to 1GHz

Figure 2. Above 1 GHz



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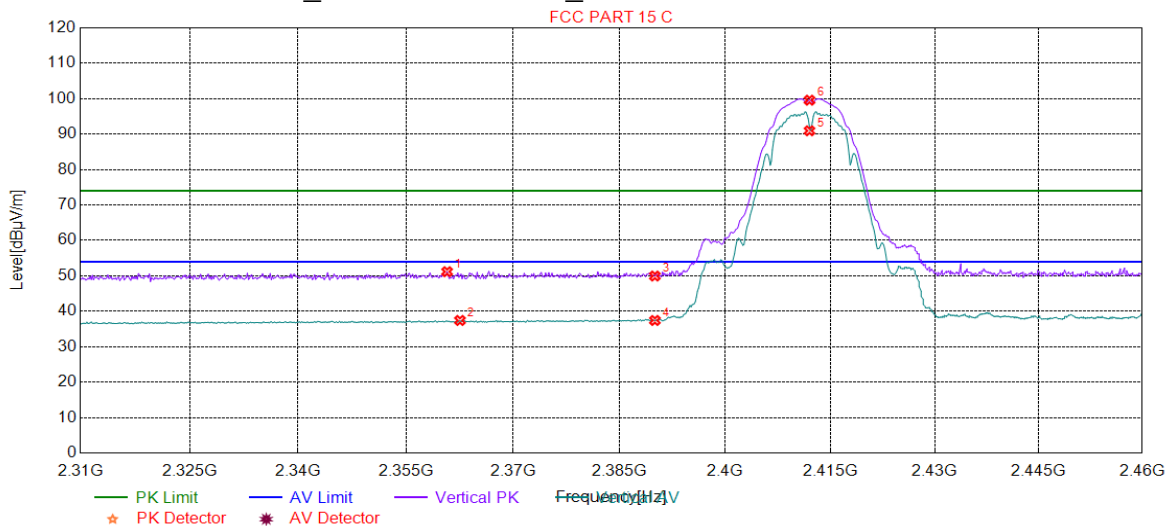
<p>Test Procedure:</p>	<ol style="list-style-type: none"> a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. 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 rotatable 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.
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.</p>
<p>Final Test Mode:</p>	<p>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.</p>
<p>Instruments Used:</p>	<p>Refer to section 5.10 for details</p>
<p>Test Results:</p>	<p>Pass</p>



Test plot as follows:

4.10.1 ANT1

4.10.1.1 802.11B_Lowest Channel_Vertical

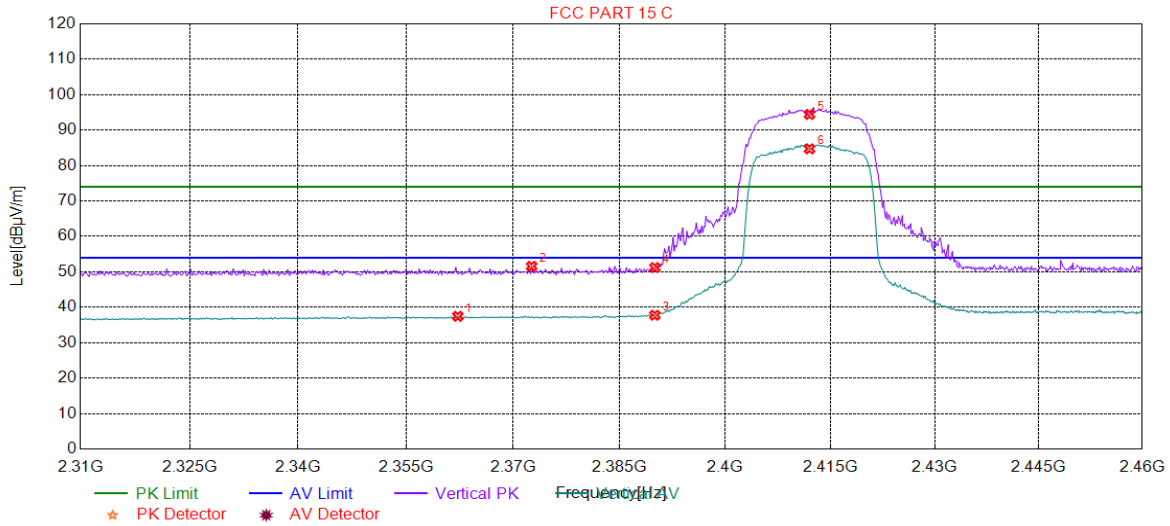


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2360.7508	51.18	1.12	74.00	22.82	150	313	Vertical
2	2362.5526	37.42	1.13	54.00	16.58	150	236	Vertical
3	2390.0000	49.95	1.25	74.00	24.05	150	41	Vertical
4	2390.0000	37.42	1.25	54.00	16.58	150	50	Vertical
5	2412.0000	90.94	1.32	54.00	-36.94	150	266	Vertical
6	2412.0000	99.58	1.32	74.00	-25.58	150	266	Vertical



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4.10.1.2 802.11B_ Highest Channel_ Vertical



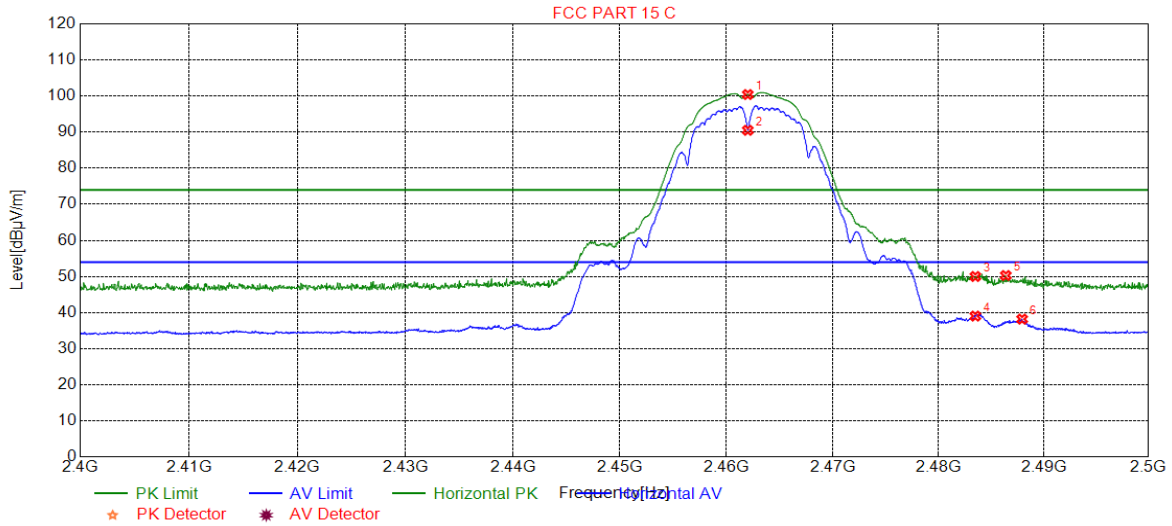
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2362.2523	37.46	1.12	54.00	16.54	150	110	Vertical
2	2372.6126	51.57	1.17	74.00	22.43	150	113	Vertical
3	2390.0000	37.77	1.25	54.00	16.23	150	247	Vertical
4	2390.0000	51.21	1.25	74.00	22.79	150	241	Vertical
5	2412.0000	94.43	1.32	74.00	-20.43	150	10	Vertical
6	2412.0000	84.72	1.32	54.00	-30.72	150	13	Vertical



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4.10.1.3 802.11B_Lowest Channel_Horizontal



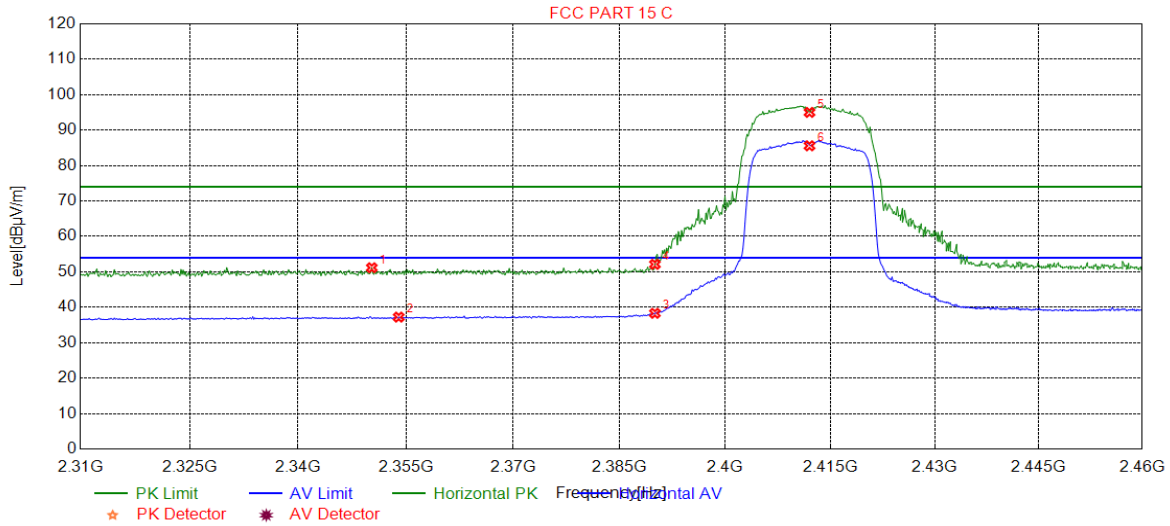
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	100.42	1.46	74.00	-26.42	150	345	Horizontal
2	2462.0000	90.50	1.46	54.00	-36.50	150	345	Horizontal
3	2483.5000	50.00	1.52	74.00	24.00	150	135	Horizontal
4	2483.5000	39.03	1.52	54.00	14.97	150	349	Horizontal
5	2486.3932	50.27	1.53	74.00	23.73	150	353	Horizontal
6	2487.9440	38.19	1.54	54.00	15.81	150	345	Horizontal



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4.10.1.4 802.11B_ Highest Channel_ Horizontal



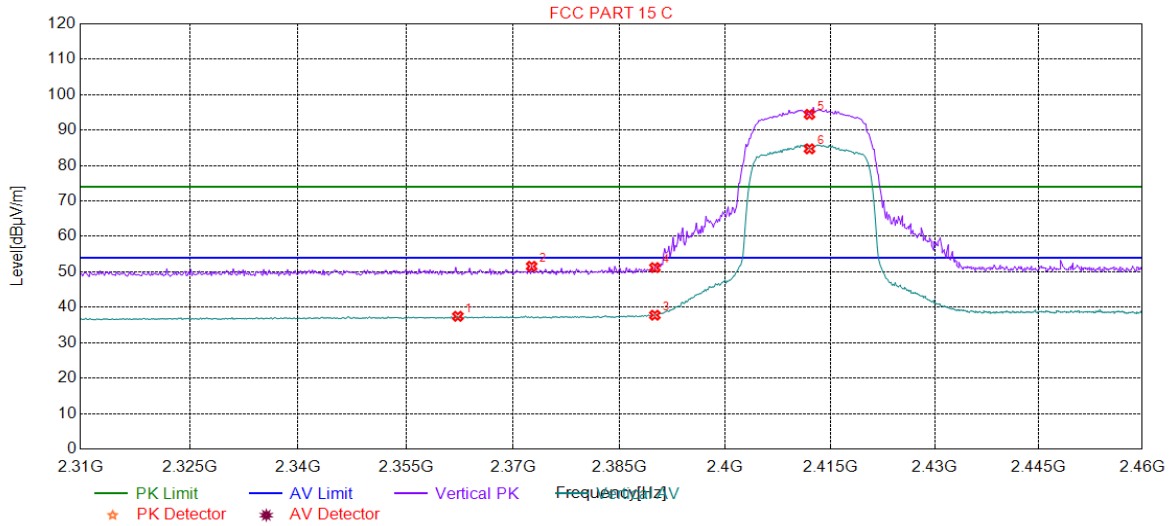
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2350.2402	51.17	1.07	74.00	22.83	150	209	Horizontal
2	2353.9940	37.23	1.09	54.00	16.77	150	225	Horizontal
3	2390.0000	38.31	1.25	54.00	15.69	150	94	Horizontal
4	2390.0000	52.13	1.25	74.00	21.87	150	125	Horizontal
5	2412.0000	95.01	1.32	74.00	-21.01	150	109	Horizontal
6	2412.0000	85.58	1.32	54.00	-31.58	150	109	Horizontal



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4.10.1.5 802.11G_Lowest Channel_Vertical



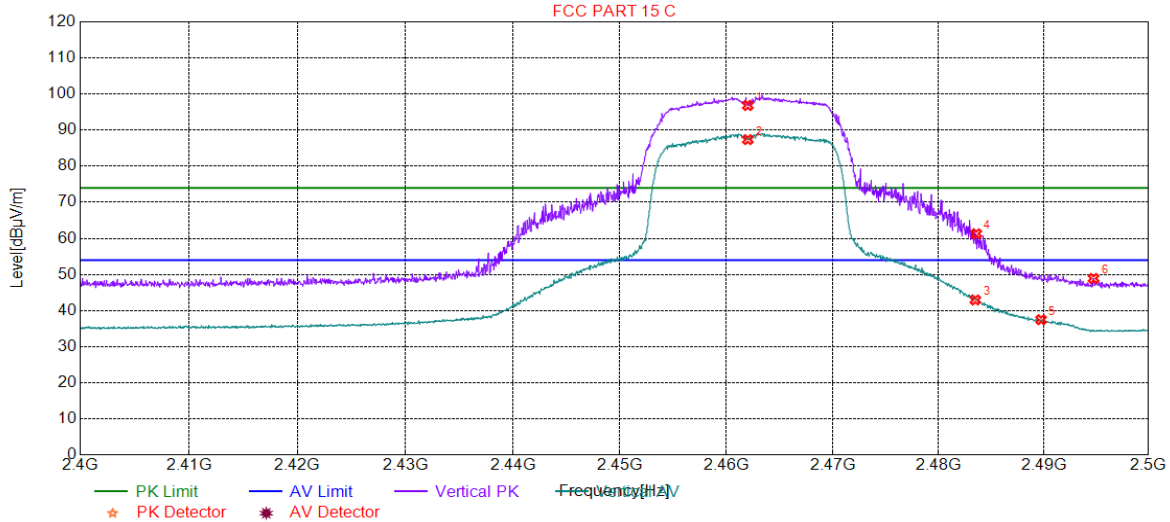
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2362.2523	37.46	1.12	54.00	16.54	150	110	Vertical
2	2372.6126	51.57	1.17	74.00	22.43	150	113	Vertical
3	2390.0000	37.77	1.25	54.00	16.23	150	247	Vertical
4	2390.0000	51.21	1.25	74.00	22.79	150	241	Vertical
5	2412.0000	94.43	1.32	74.00	-20.43	150	10	Vertical
6	2412.0000	84.72	1.32	54.00	-30.72	150	13	Vertical



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4.10.1.6 802.11G_ Highest Channel_ Vertical



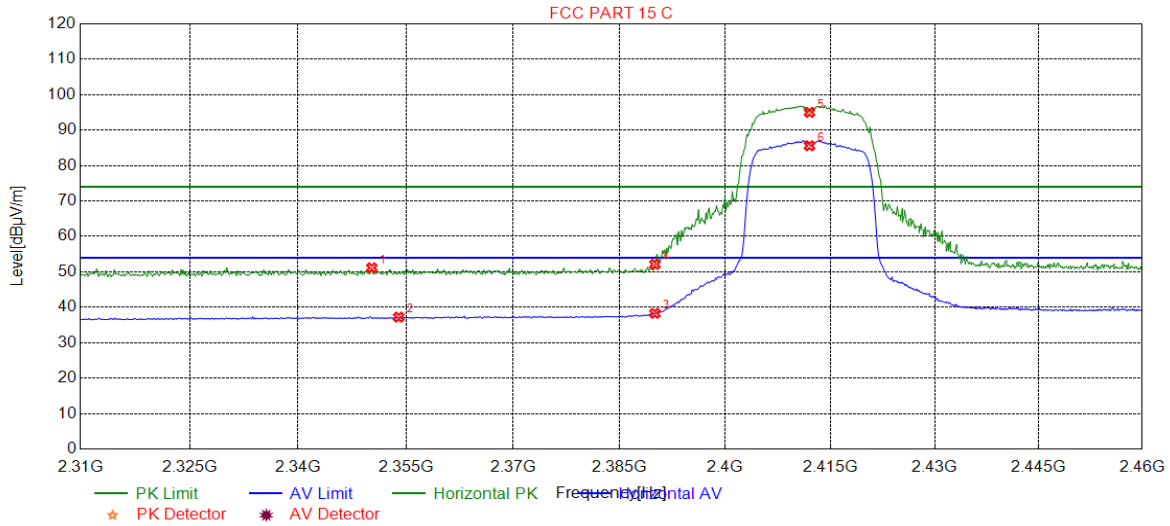
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.82	1.46	74.00	-22.82	150	274	Vertical
2	2462.0000	87.36	1.46	54.00	-33.36	150	274	Vertical
3	2483.5000	42.94	1.52	54.00	11.06	150	274	Vertical
4	2483.5918	61.30	1.52	74.00	12.70	150	270	Vertical
5	2489.7449	37.47	1.54	54.00	16.53	150	274	Vertical
6	2494.7474	48.90	1.56	74.00	25.10	150	232	Vertical



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4.10.1.7 802.11G_Lowest Channel_Horizontal



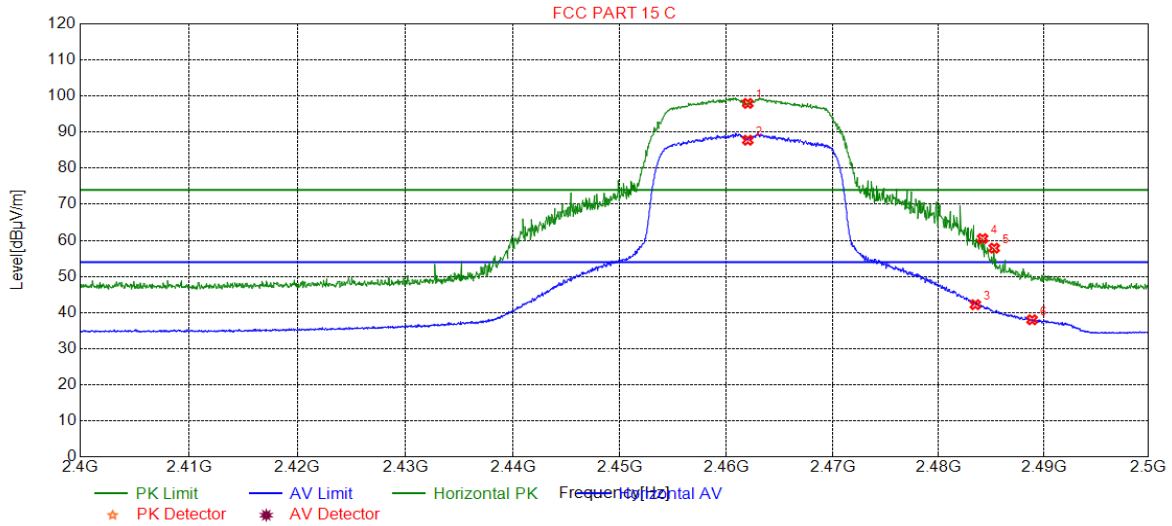
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2350.2402	51.17	1.07	74.00	22.83	150	209	Horizontal
2	2353.9940	37.23	1.09	54.00	16.77	150	225	Horizontal
3	2390.0000	38.31	1.25	54.00	15.69	150	94	Horizontal
4	2390.0000	52.13	1.25	74.00	21.87	150	125	Horizontal
5	2412.0000	95.01	1.32	74.00	-21.01	150	109	Horizontal
6	2412.0000	85.58	1.32	54.00	-31.58	150	109	Horizontal



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4.10.1.8 802.11G_ Highest Channel_ Horizontal



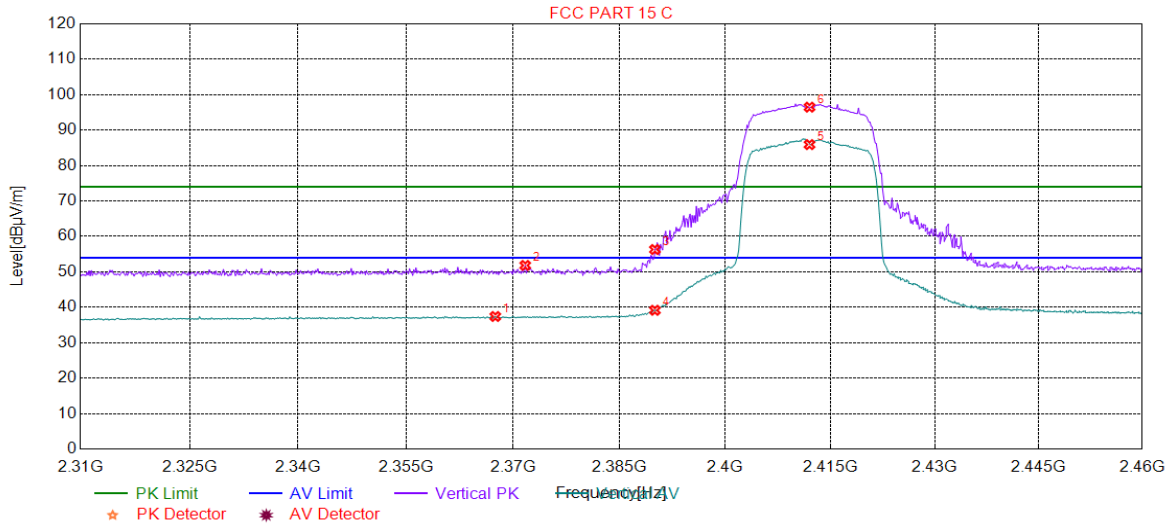
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	97.96	1.46	74.00	-23.96	150	343	Horizontal
2	2462.0000	87.76	1.46	54.00	-33.76	150	343	Horizontal
3	2483.5000	42.19	1.52	54.00	11.81	150	343	Horizontal
4	2484.1921	60.50	1.53	74.00	13.50	150	339	Horizontal
5	2485.2926	57.85	1.53	74.00	16.15	150	343	Horizontal
6	2488.8944	38.00	1.54	54.00	16.00	150	347	Horizontal



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4.10.1.9 802.11N20_Lowest Channel_Vertical



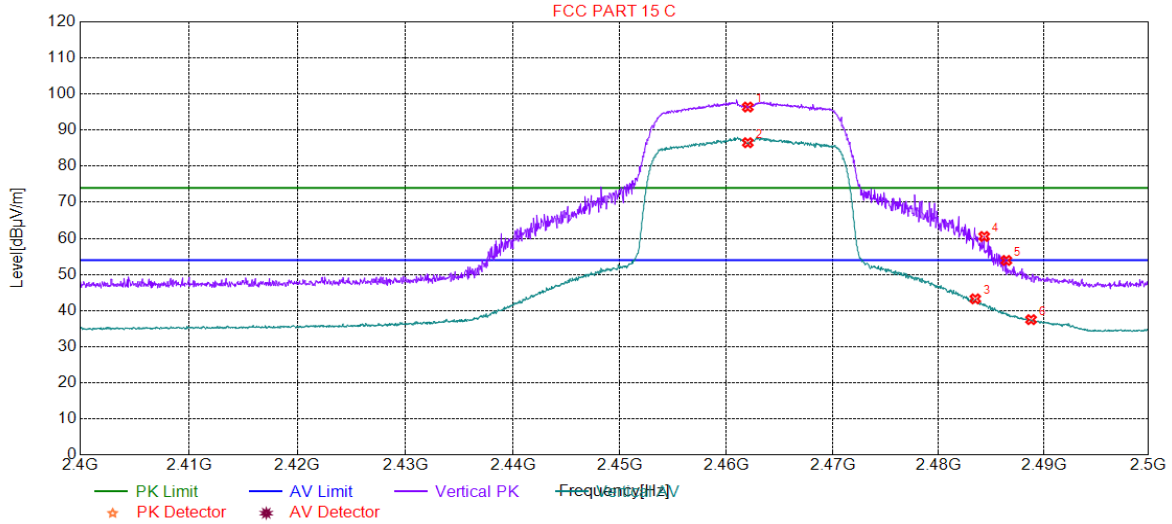
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2367.5075	37.41	1.15	54.00	16.59	150	46	Vertical
2	2371.7117	51.82	1.17	74.00	22.18	150	38	Vertical
3	2390.0000	56.31	1.25	74.00	17.69	150	247	Vertical
4	2390.0000	39.16	1.25	54.00	14.84	150	278	Vertical
5	2412.0000	85.92	1.32	54.00	-31.92	150	272	Vertical
6	2412.0000	96.48	1.32	74.00	-22.48	150	269	Vertical



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4.10.1.10 802.11N20_ Highest Channel_ Vertical



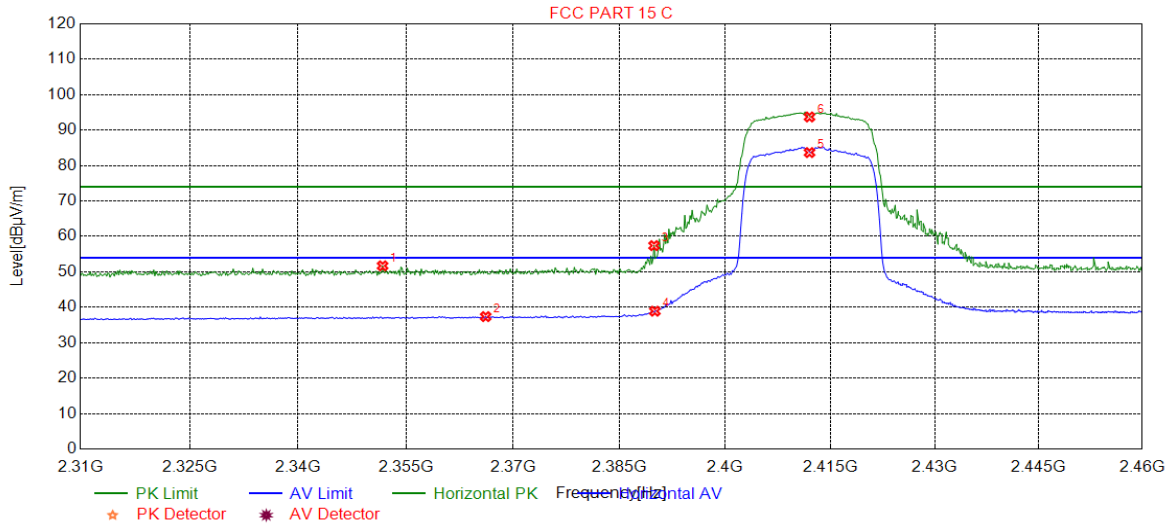
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.39	1.46	74.00	-22.39	150	302	Vertical
2	2462.0000	86.51	1.46	54.00	-32.51	150	275	Vertical
3	2483.5000	43.25	1.52	54.00	10.75	150	271	Vertical
4	2484.3422	60.53	1.53	74.00	13.47	150	283	Vertical
5	2486.4432	53.89	1.53	74.00	20.11	150	275	Vertical
6	2488.7944	37.49	1.54	54.00	16.51	150	271	Vertical



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4.10.1.11 802.11N20_Lowest Channel_Horizontal



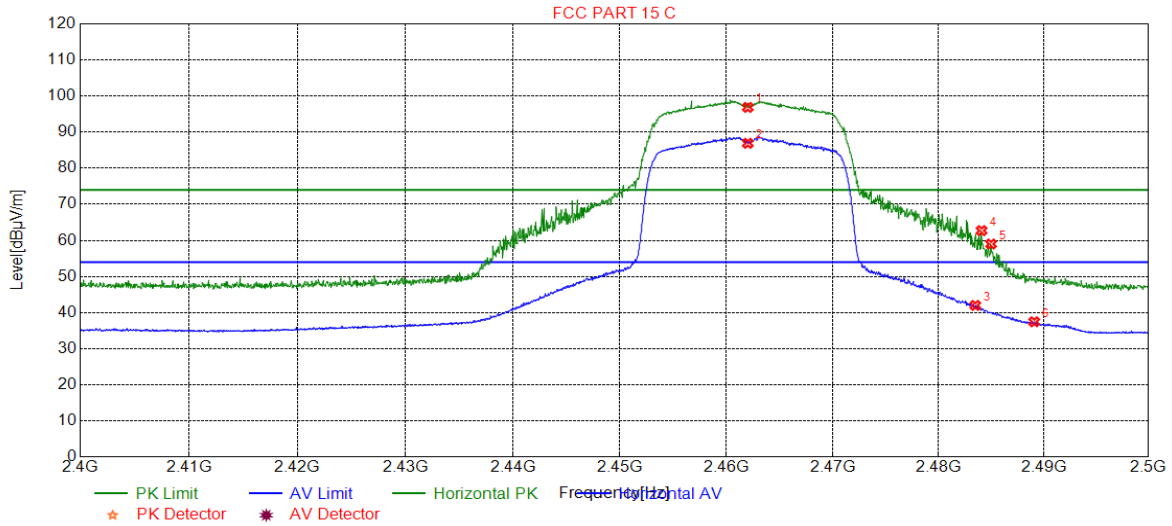
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2351.7417	51.70	1.08	74.00	22.30	150	84	Horizontal
2	2366.1562	37.37	1.14	54.00	16.63	150	123	Horizontal
3	2389.8799	57.40	1.25	74.00	16.60	150	267	Horizontal
4	2390.0000	38.90	1.25	54.00	15.10	150	114	Horizontal
5	2412.0000	83.67	1.32	54.00	-29.67	150	111	Horizontal
6	2412.0000	93.72	1.32	74.00	-19.72	150	105	Horizontal



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4.10.1.12 802.11N20_ Highest Channel_ Horizontal



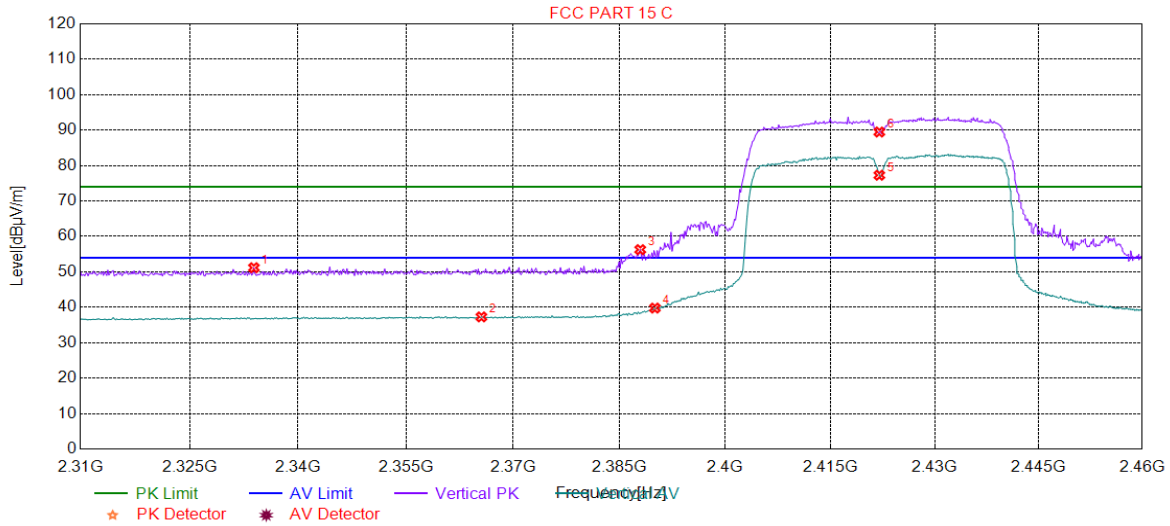
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.84	1.46	74.00	-22.84	150	357	Horizontal
2	2462.0000	86.90	1.46	54.00	-32.90	150	353	Horizontal
3	2483.5000	41.99	1.52	54.00	12.01	150	357	Horizontal
4	2484.0920	62.71	1.53	74.00	11.29	150	276	Horizontal
5	2484.9925	59.00	1.53	74.00	15.00	150	14	Horizontal
6	2489.0945	37.45	1.54	54.00	16.55	150	353	Horizontal



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4.10.1.13 802.11N40_Lowest Channel_Vertical



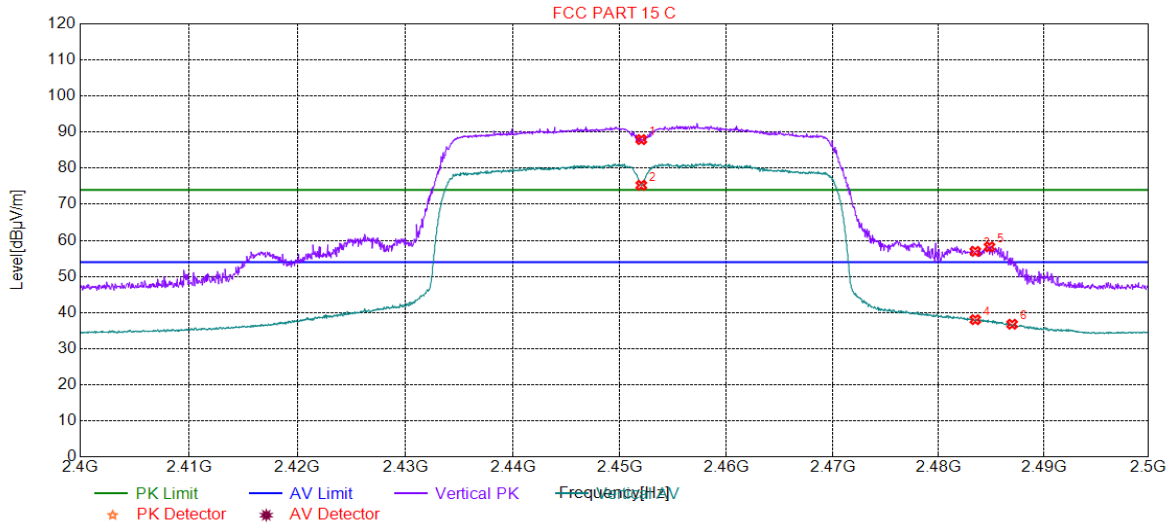
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2333.8739	51.17	1.00	74.00	22.83	150	207	Vertical
2	2365.5556	37.29	1.14	54.00	16.71	150	113	Vertical
3	2387.9279	56.27	1.24	74.00	17.73	150	267	Vertical
4	2390.0000	39.78	1.25	54.00	14.22	150	273	Vertical
5	2422.0000	77.27	1.35	54.00	-23.27	150	267	Vertical
6	2422.0000	89.47	1.35	74.00	-15.47	150	273	Vertical



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4.10.1.14 802.11N40_ Highest Channel_ Vertical



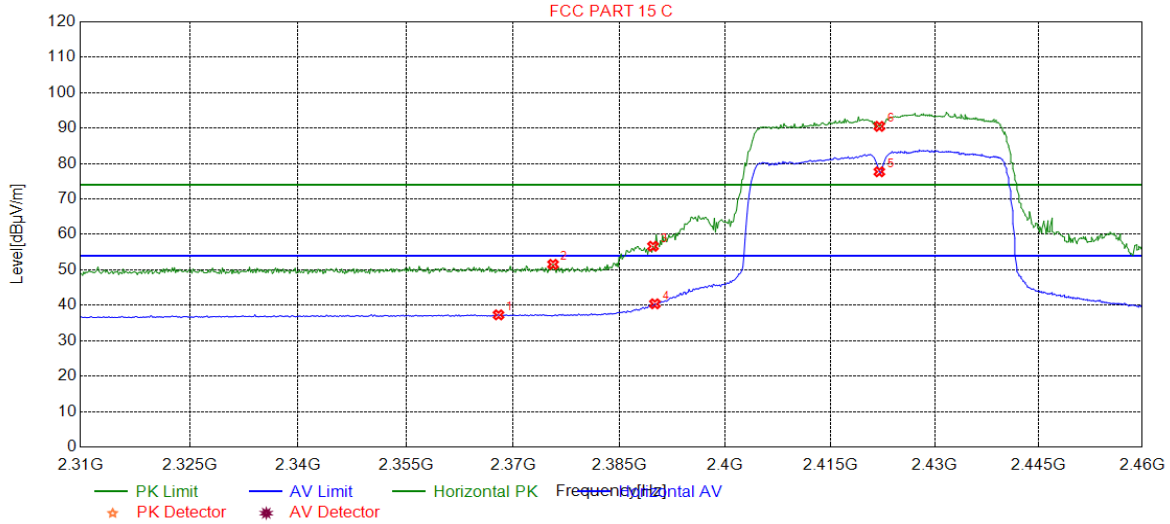
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	87.93	1.44	74.00	-13.93	150	17	Vertical
2	2452.0000	75.27	1.44	54.00	-21.27	150	17	Vertical
3	2483.5000	56.96	1.52	74.00	17.04	150	267	Vertical
4	2483.5000	38.03	1.52	54.00	15.97	150	302	Vertical
5	2484.8424	58.21	1.53	74.00	15.79	150	306	Vertical
6	2486.9935	36.78	1.53	54.00	17.22	150	298	Vertical



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4.10.1.15 802.11N40_Lowest Channel_Horizontal



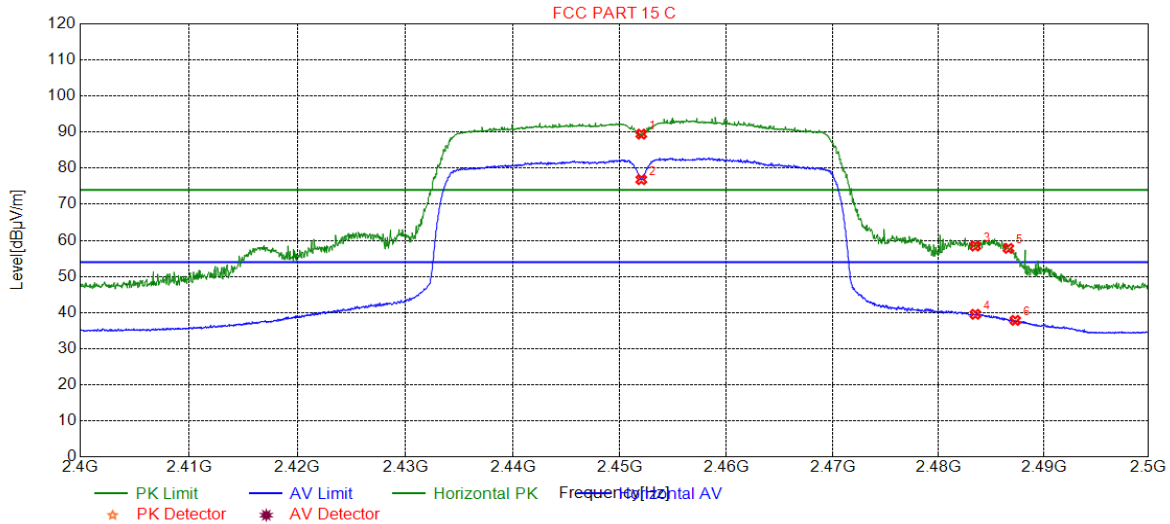
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2367.9580	37.30	1.15	54.00	16.70	150	287	Horizontal
2	2375.6156	51.56	1.18	74.00	22.44	150	290	Horizontal
3	2389.7297	56.66	1.24	74.00	17.34	150	14	Horizontal
4	2390.0000	40.42	1.25	54.00	13.58	150	354	Horizontal
5	2422.0000	77.68	1.35	54.00	-23.68	150	14	Horizontal
6	2422.0000	90.50	1.35	74.00	-16.50	150	360	Horizontal



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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	89.45	1.44	74.00	-15.45	150	93	Horizontal
2	2452.0000	76.84	1.44	54.00	-22.84	150	360	Horizontal
3	2483.5000	58.44	1.52	74.00	15.56	150	85	Horizontal
4	2483.5000	39.53	1.52	54.00	14.47	150	74	Horizontal
5	2486.6433	57.79	1.53	74.00	16.21	150	78	Horizontal
6	2487.2936	37.84	1.53	54.00	16.16	150	89	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.



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

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



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6 Equipment List

Conducted Emission					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017/5/10	2020/5/9
LISN	Rohde & Schwarz	ENV216	SEM007-01	2018/9/2	2019/9/2
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	2019/2/11	2020/2/10
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2019/3/2	2020/3/1

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
DC Power Supply	Agilent Technologies Inc	66311B	W009-09	2018/9/15	2019/9/15
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2019/1/13	2020/1/12
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	2018/9/2	2019/9/2
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/27	2019/11/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2018/9/2	2019/9/2

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(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	2018/9/2	2019/9/2
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	2019/3/2	2020/3/1

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(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	2018/9/2	2019/9/2
Low Noise Amplifier(100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2018/9/27	2019/9/27
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	2019/3/2	2020/3/1
Band filter	N/A	N/A	SEM023-01	N/A	N/A



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RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2018/3/31	2021/3/30
EMI Test Receiver (9k-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2019/3/2	2020/3/1
Trilog-Broadband Antenna(25M-2GHz)	Schwarzbeck	VULB9168	SEM003-18	2018/3/15	2020/3/14
Pre-amplifier (9k-1GHz)	Sonoma	310N	SEM005-03	2019/3/12	2020/3/11
Loop Antenna (9kHz-30MHz)	ETS-Lindgren	6502	SEM003-08	2017/8/22	2020/8/21
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2019/6/12	2020/6/11

7 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for ZR/2019/60026.

The End



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