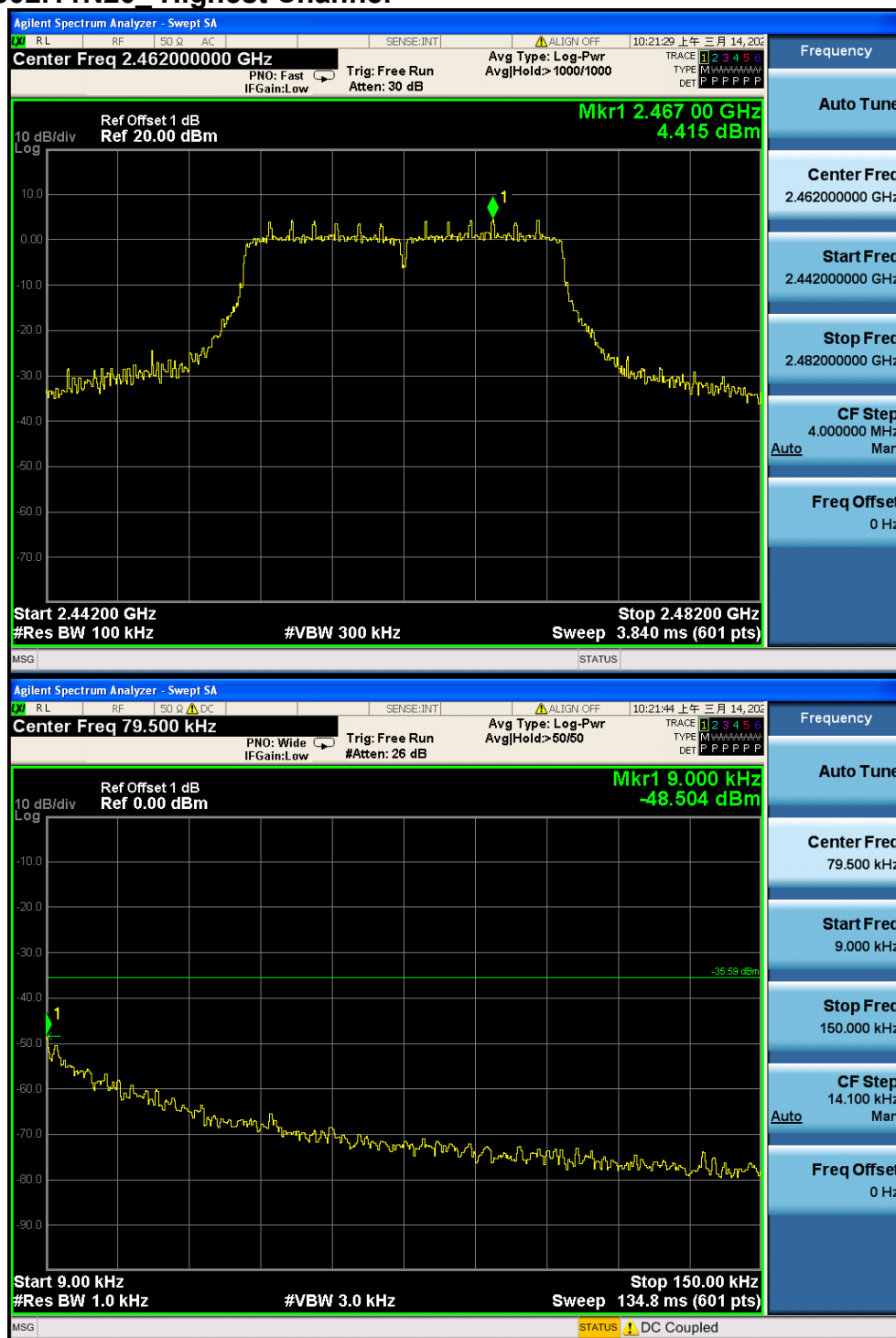


4.8.1.1.9 802.11N20 Highest Channel

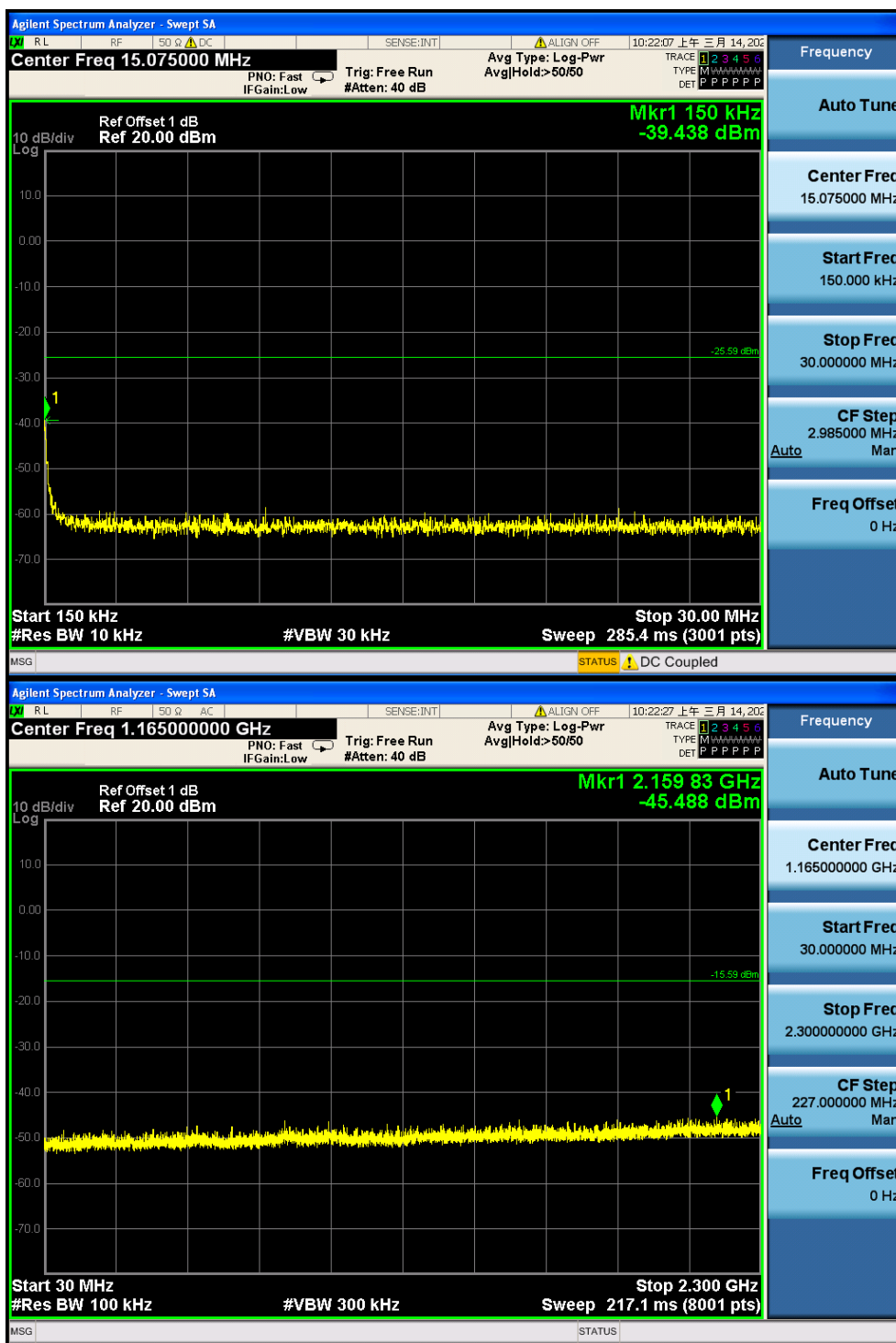


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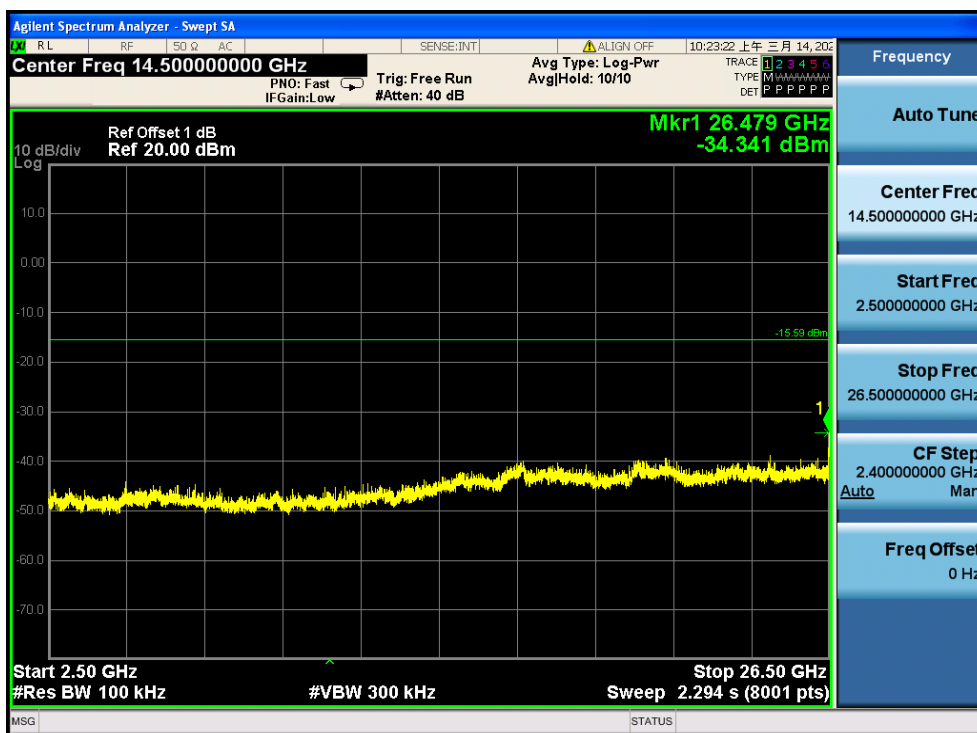
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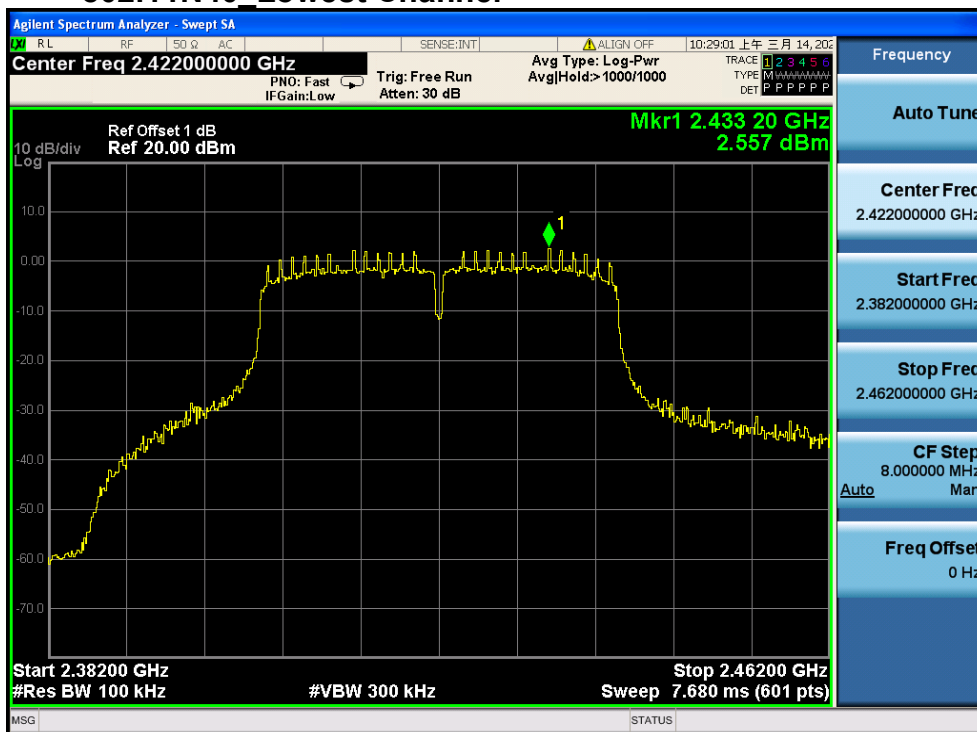
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4.8.1.1.10 802.11N40 Lowest Channel

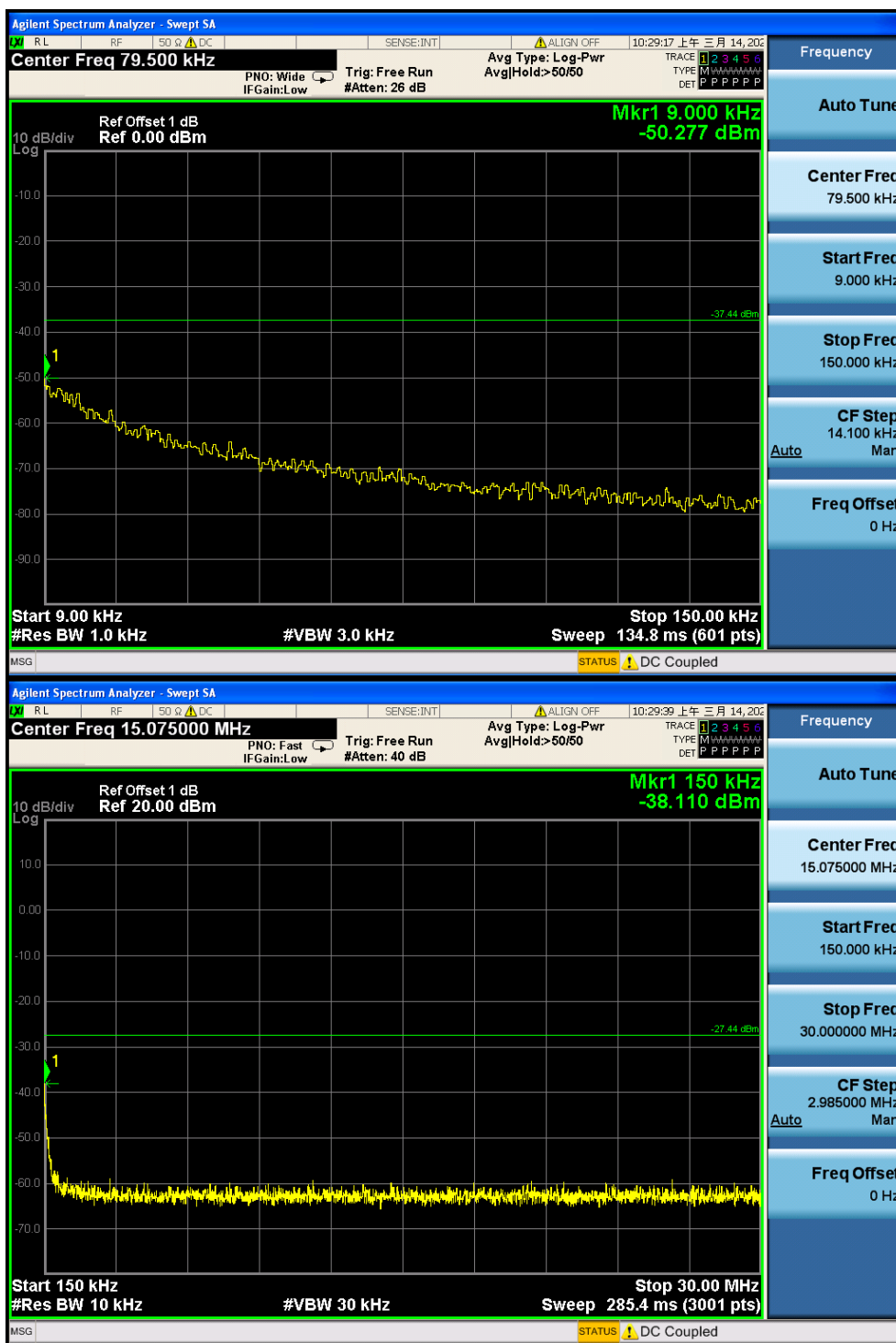


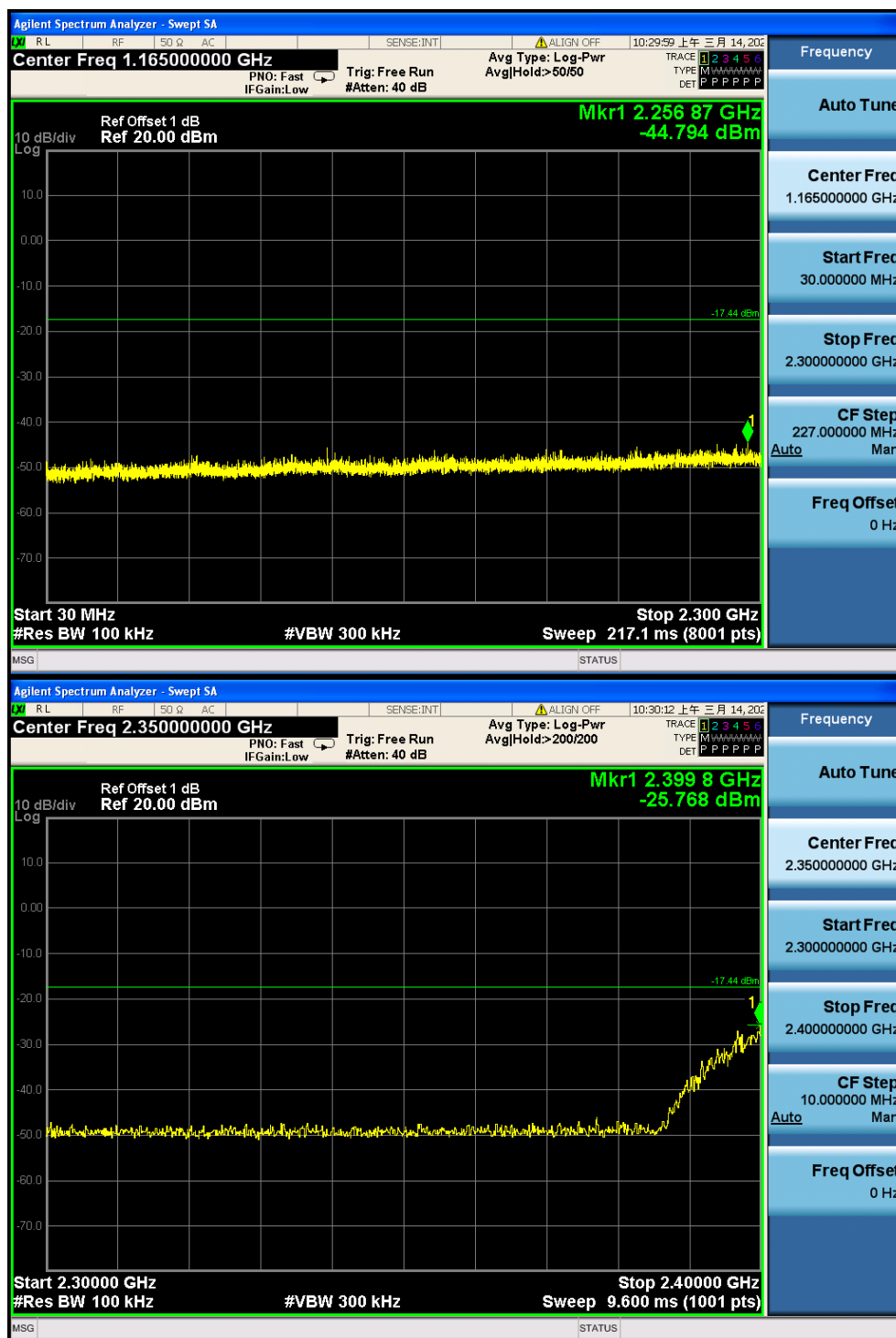
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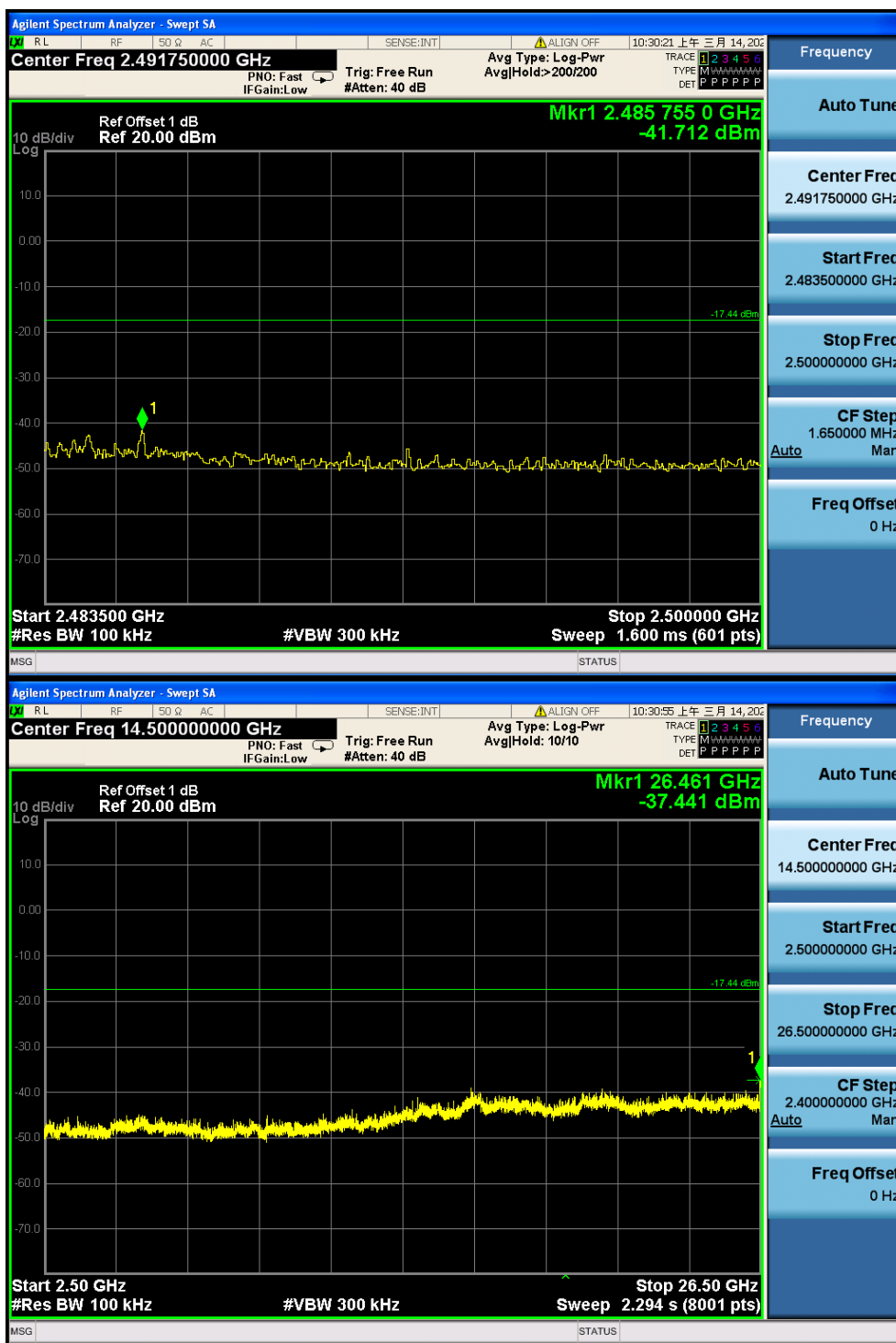
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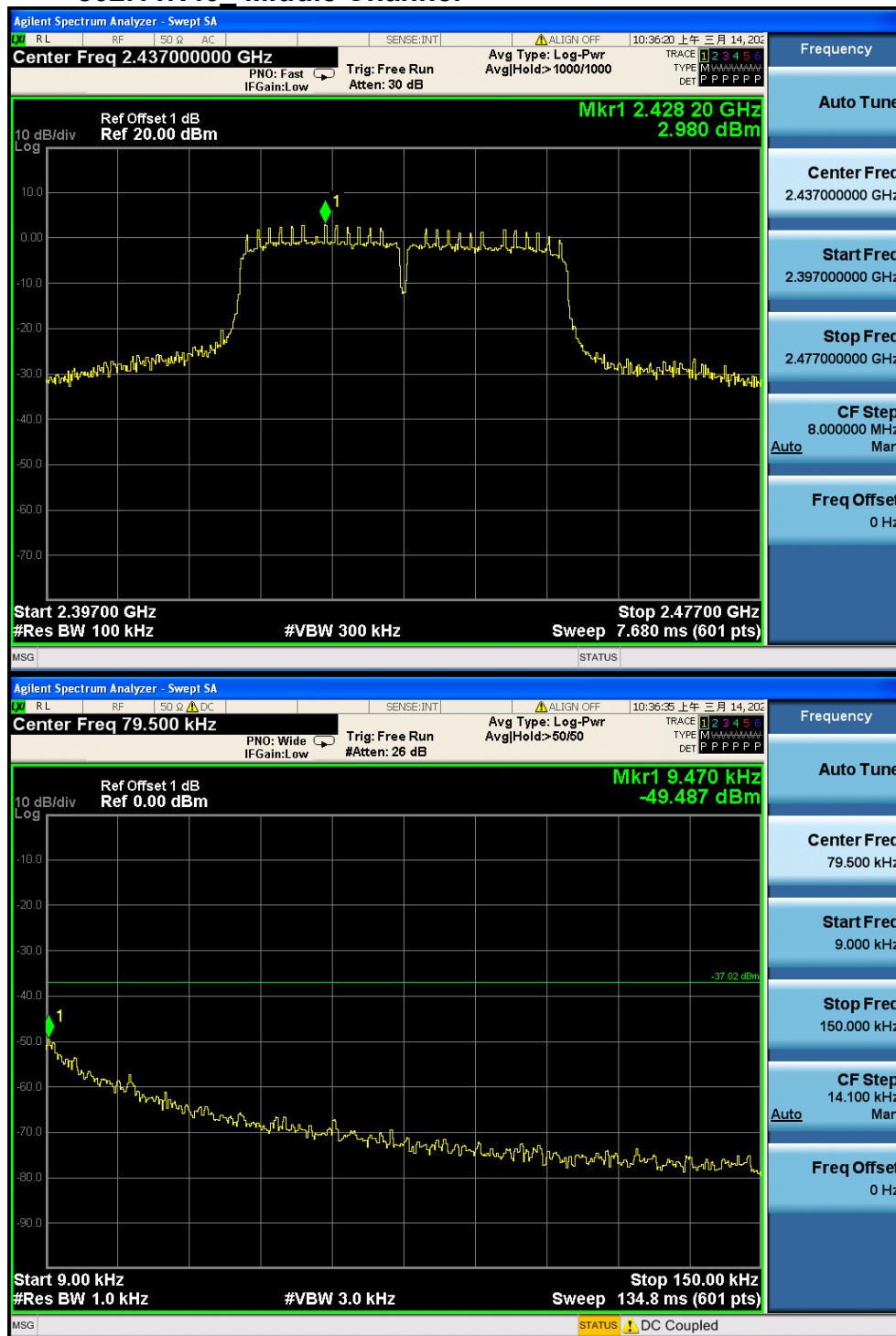
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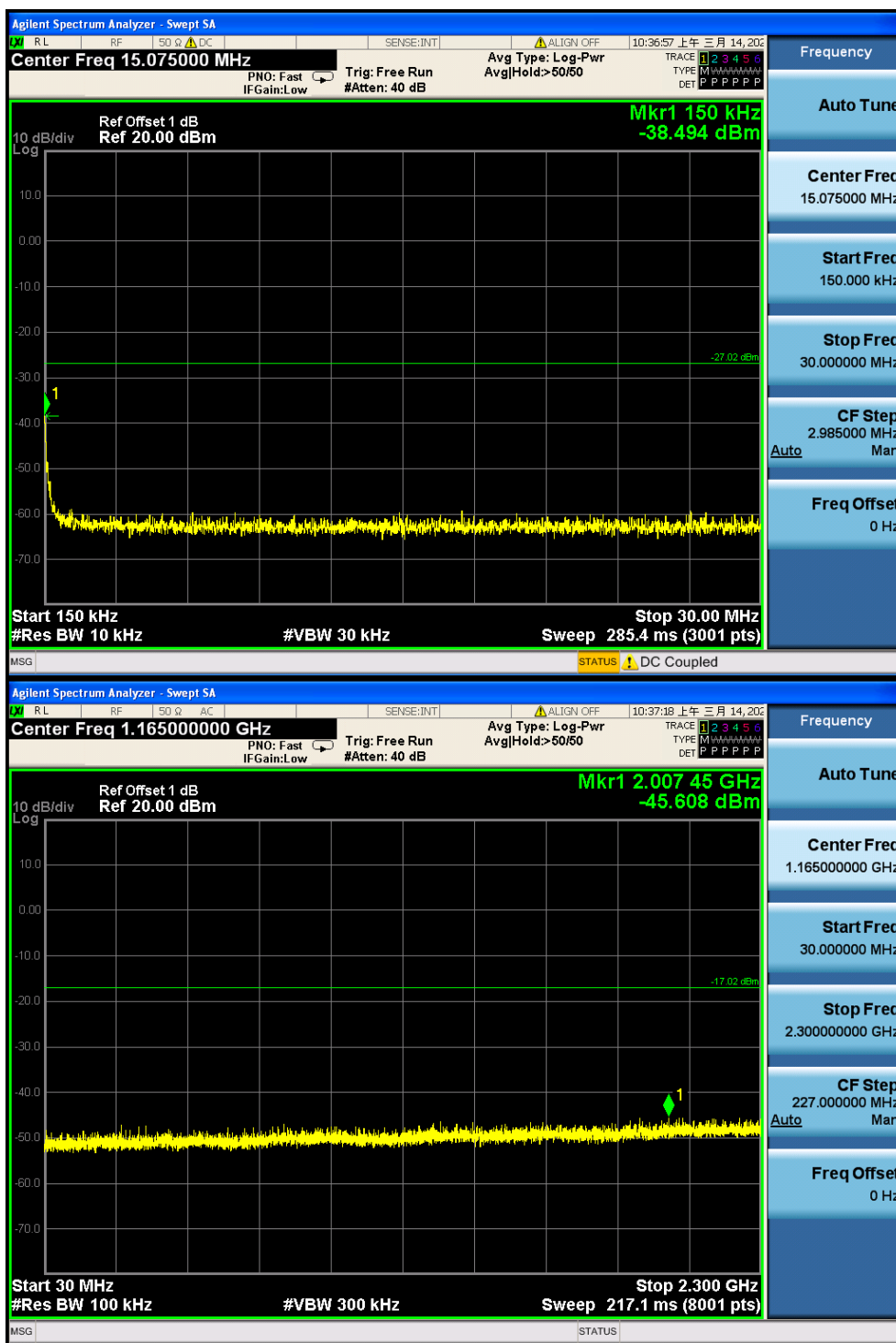




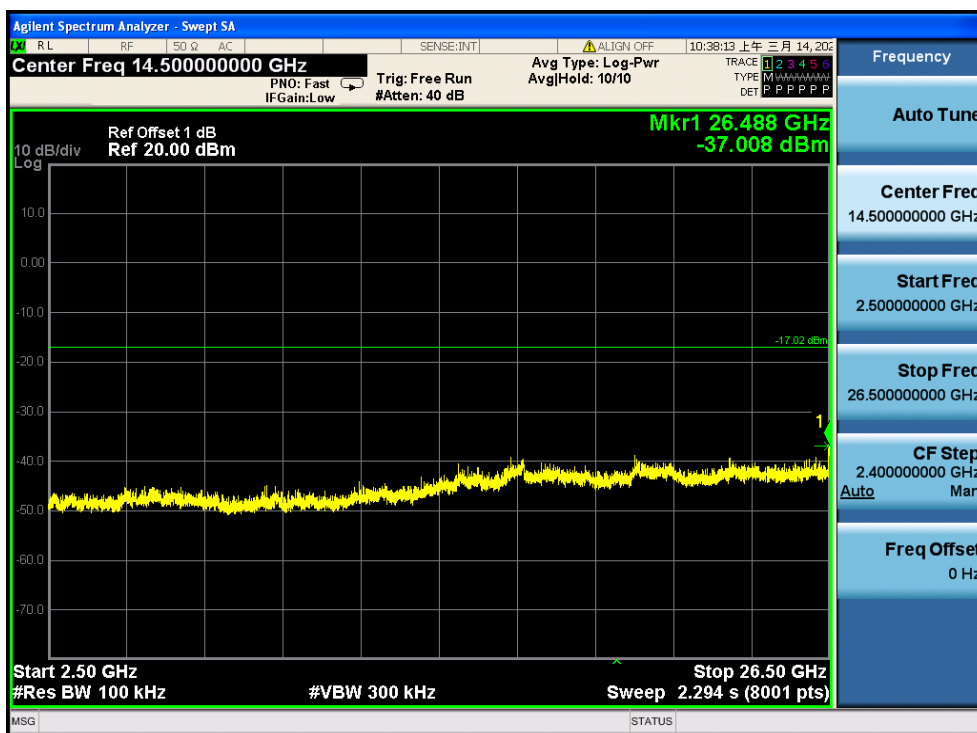


4.8.1.1.11 802.11N40 Middle Channel

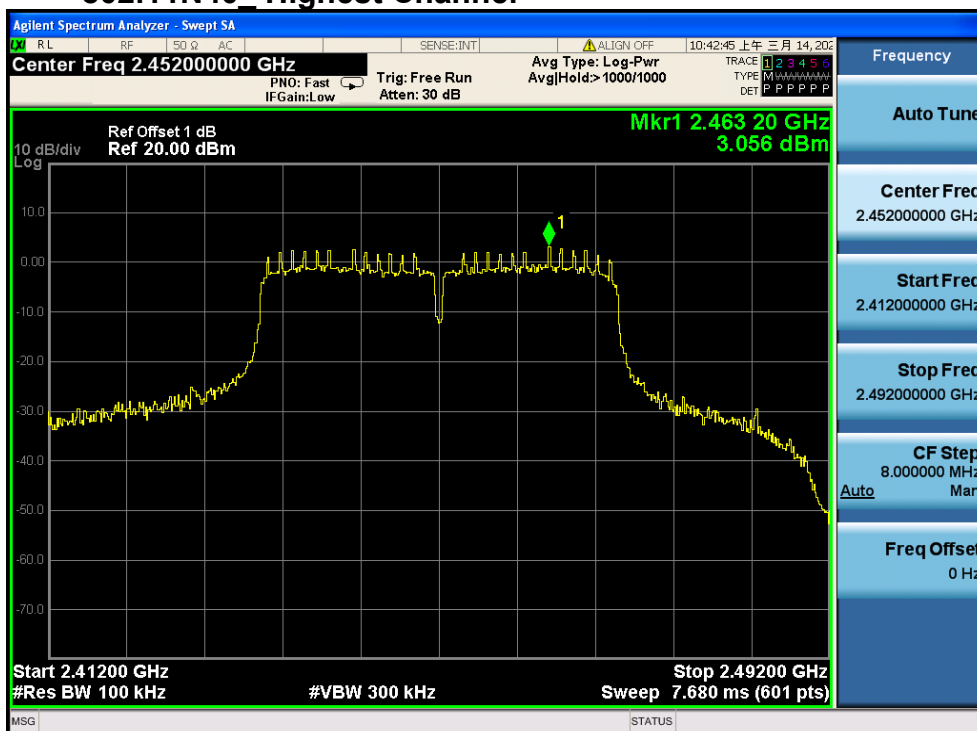


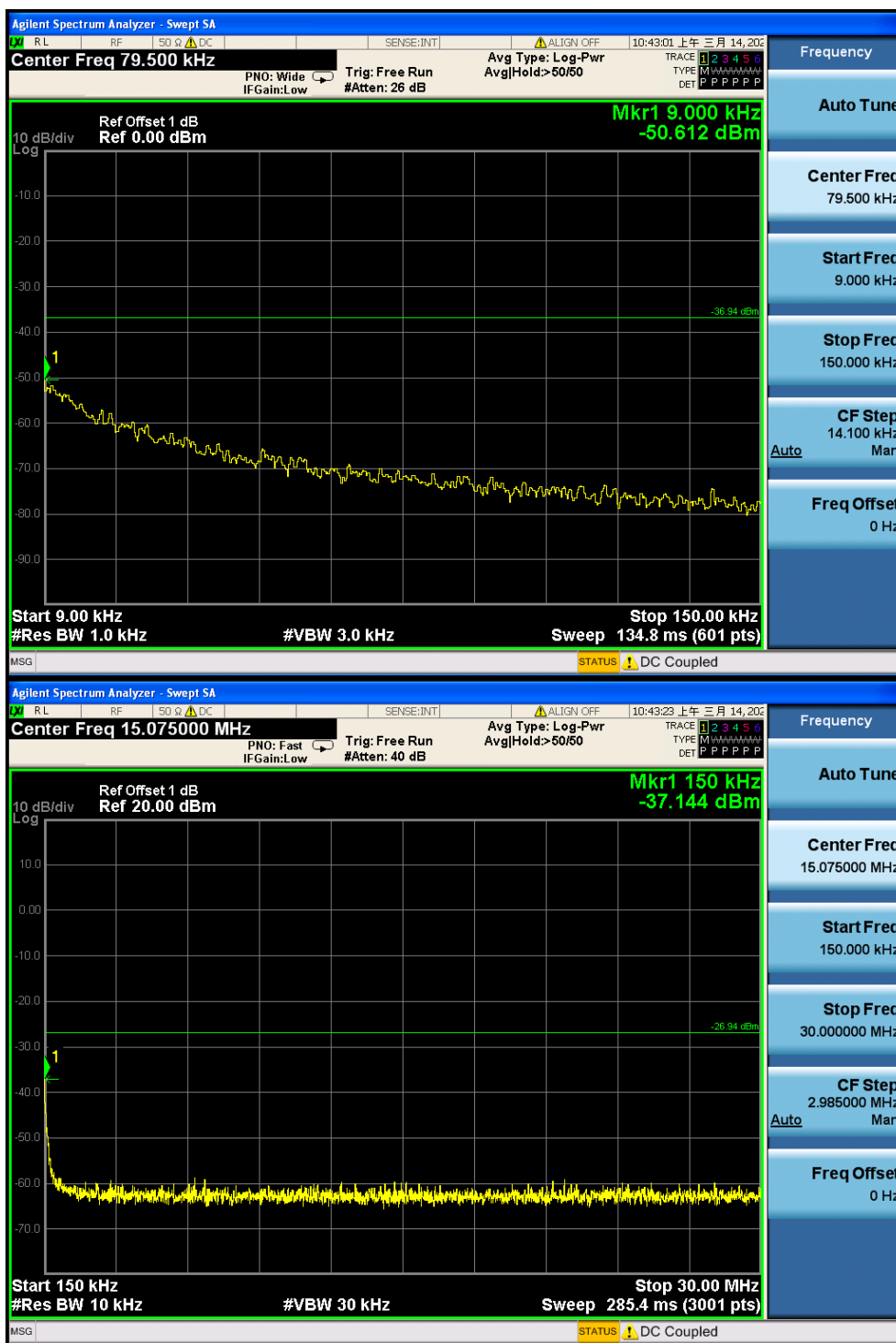






4.8.1.1.12 802.11N40_Highest Channel

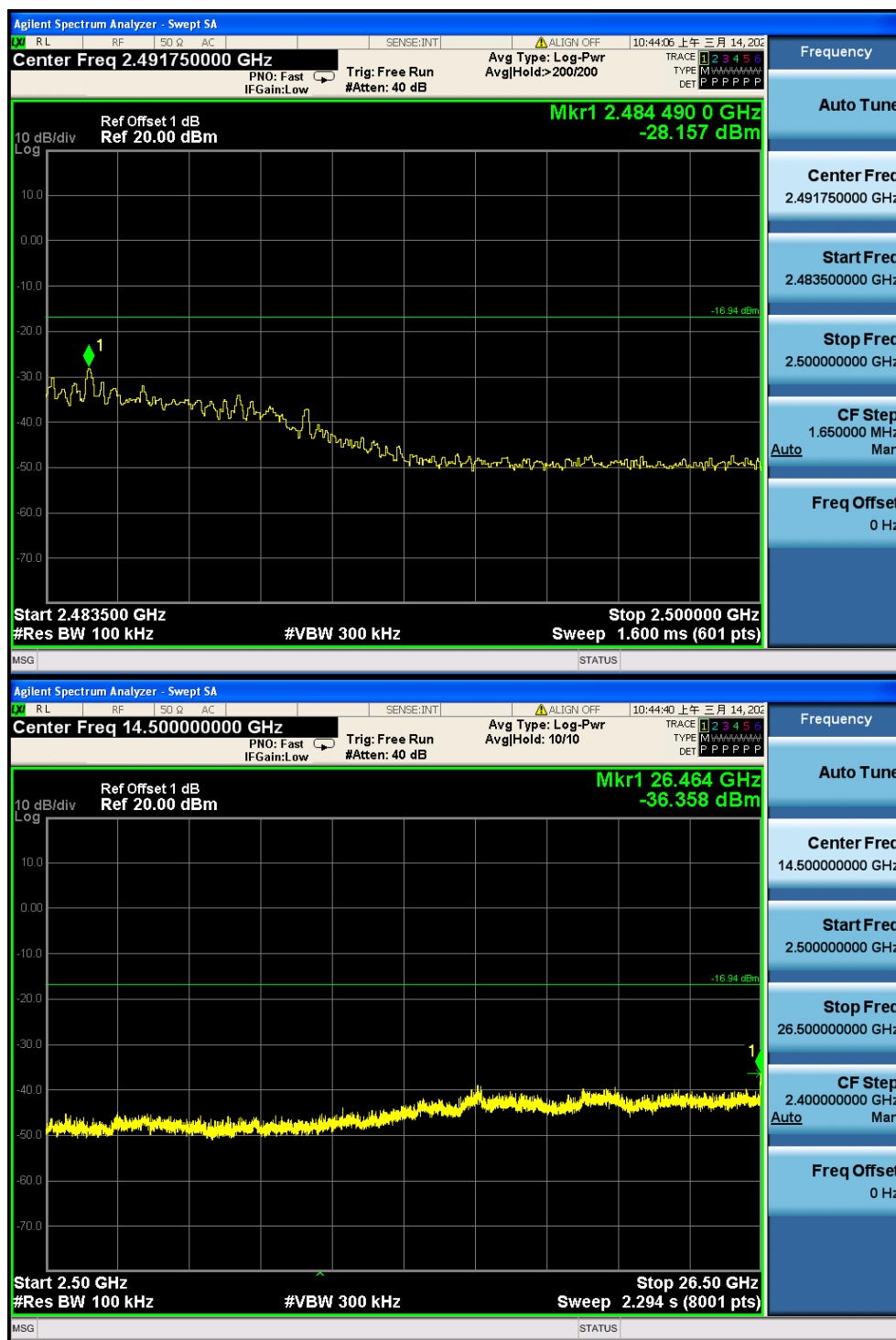




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Remark:

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
Limit:	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
	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
Limit:	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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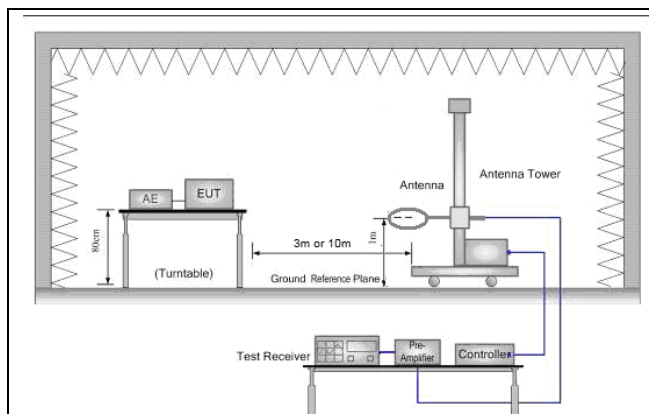


Figure 1. Below 30MHz

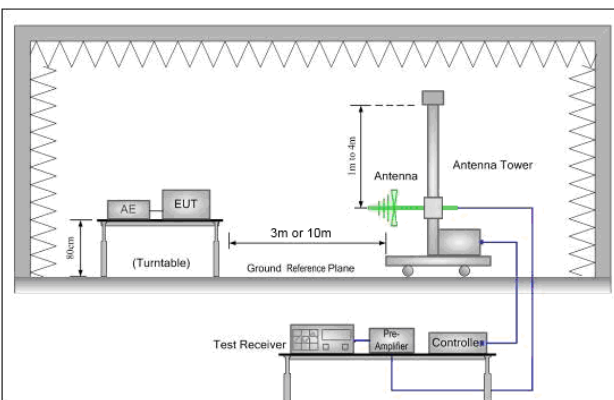


Figure 2. 30MHz to 1GHz

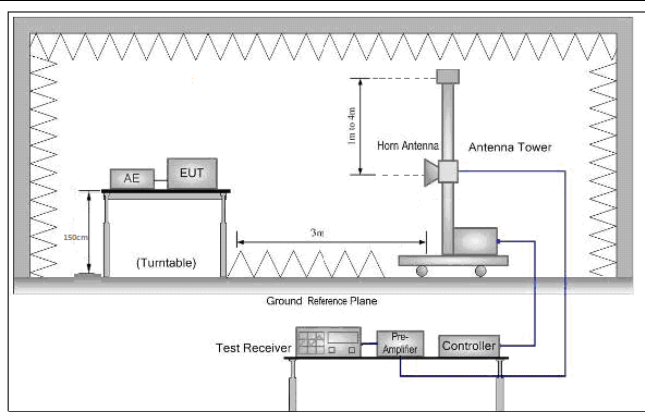


Figure 3. Above 1 GHz

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 + $20 * \log(\text{Duty cycle})$ 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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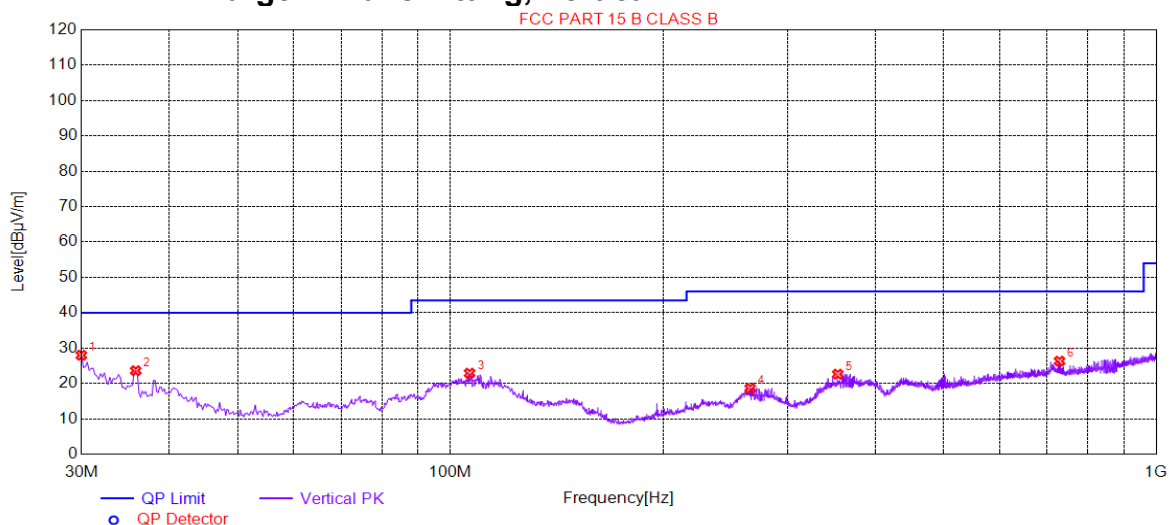
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4.9.1 Radiated emission below 1GHz

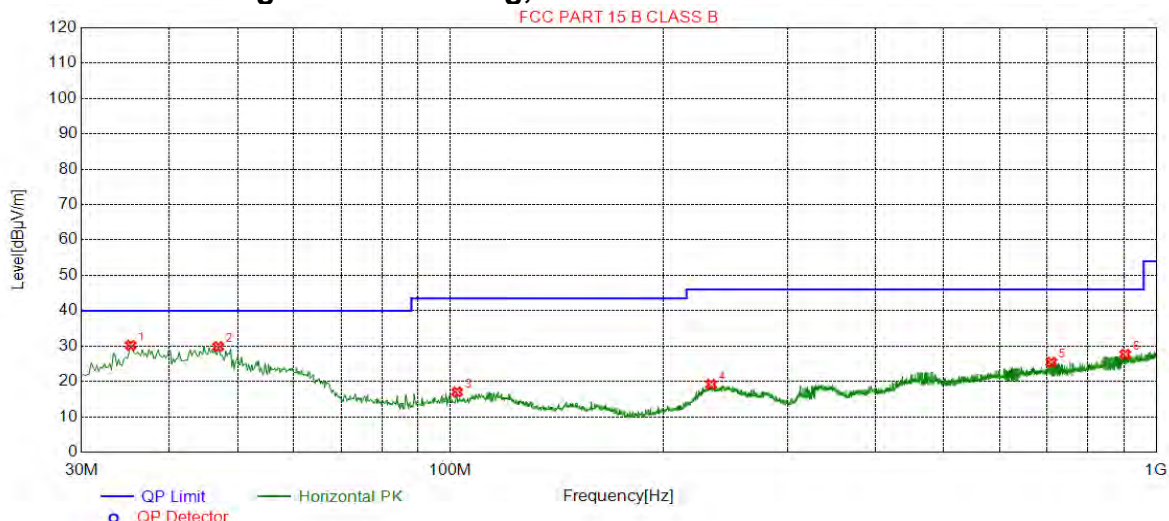
4.9.1.1 Charge + Transmitting, Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.0000	27.98	-30.08	40.00	12.02	100	332	Vertical
2	35.8212	23.61	-29.69	40.00	16.39	100	332	Vertical
3	106.4513	22.91	-32.00	43.50	20.59	100	192	Vertical
4	265.9512	18.62	-29.25	46.00	27.38	100	241	Vertical
5	353.8508	22.63	-26.76	46.00	23.37	100	80	Vertical
6	729.5099	26.31	-18.81	46.00	19.69	100	317	Vertical



4.9.1.2 Charge + Transmitting, Horizontal



Suspected List

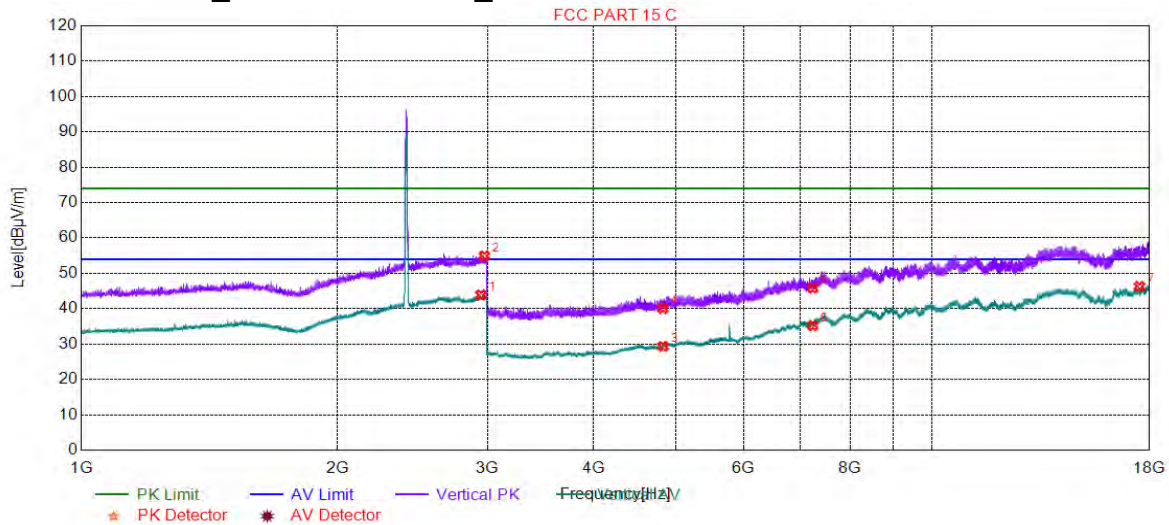
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.2390	30.20	-29.88	40.00	9.80	100	244	Horizontal
2	46.8814	29.84	-30.40	40.00	10.16	100	21	Horizontal
3	102.1824	17.02	-32.00	43.50	26.48	100	235	Horizontal
4	234.1288	19.17	-30.27	46.00	26.83	200	268	Horizontal
5	710.4941	25.41	-19.26	46.00	20.59	200	333	Horizontal
6	903.7568	27.69	-15.99	46.00	18.31	200	14	Horizontal



4.9.2 Transmitter emission above 1GHz

4.9.2.1 ANT1

4.9.2.1.1 802.11B_Lowest Channel_ Vertical

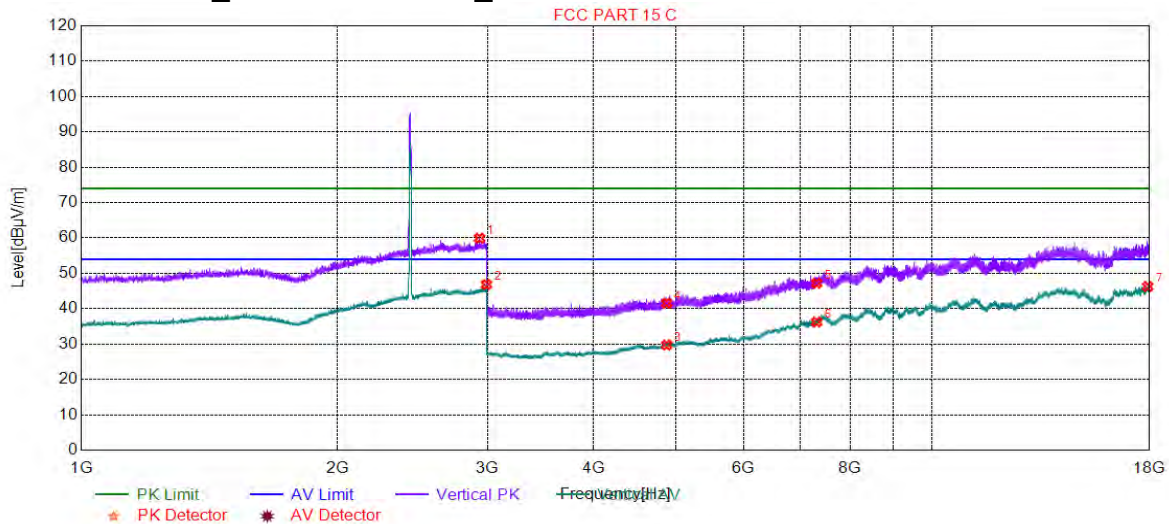


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2948.4871	43.89	9.66	54.00	10.11	150	10	Vertical
2	2975.4939	54.92	9.56	74.00	19.08	150	107	Vertical
3	4824.0000	29.35	-18.21	54.00	24.65	150	349	Vertical
4	4824.0000	40.06	-18.21	74.00	33.94	150	18	Vertical
5	7236.0000	45.81	-9.99	74.00	28.19	150	0	Vertical
6	7236.0000	35.22	-9.99	54.00	18.78	150	41	Vertical
7	17514.875	46.30	0.98	54.00	7.70	150	342	Vertical



4.9.2.1.2 802.11B_ Middle Channel_ Vertical

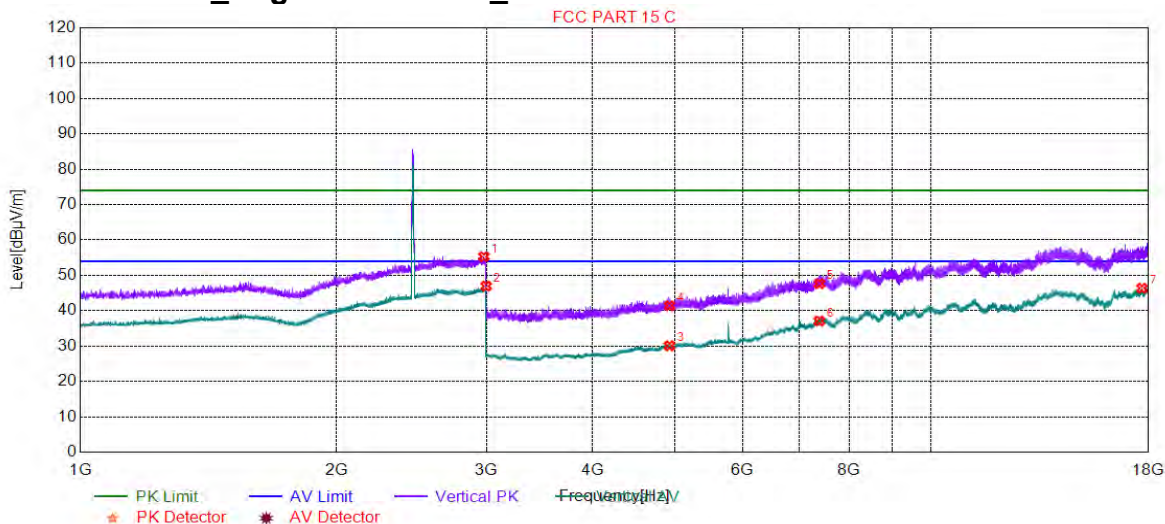


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2936.9842	59.93	9.54	74.00	14.07	150	38	Vertical
2	2992.4981	46.82	9.48	54.00	7.18	150	287	Vertical
3	4874.0000	29.73	-17.99	54.00	24.27	150	350	Vertical
4	4874.0000	41.58	-17.99	74.00	32.42	150	45	Vertical
5	7311.0000	47.22	-9.74	74.00	26.78	150	342	Vertical
6	7311.0000	36.24	-9.74	54.00	17.76	150	342	Vertical
7	17907.595	46.27	0.69	54.00	7.73	150	141	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	2980.4951	55.32	9.54	74.00	18.68	150	328	Vertical
2	2997.9995	46.95	9.46	54.00	7.05	150	108	Vertical
3	4924.0000	30.09	-17.72	54.00	23.91	150	266	Vertical
4	4924.0000	41.38	-17.72	74.00	32.62	150	322	Vertical
5	7386.0000	47.65	-9.55	74.00	26.35	150	240	Vertical
6	7386.0000	37.09	-9.55	54.00	16.91	150	188	Vertical
7	17678.783	46.35	1.35	54.00	7.65	150	292	Vertical



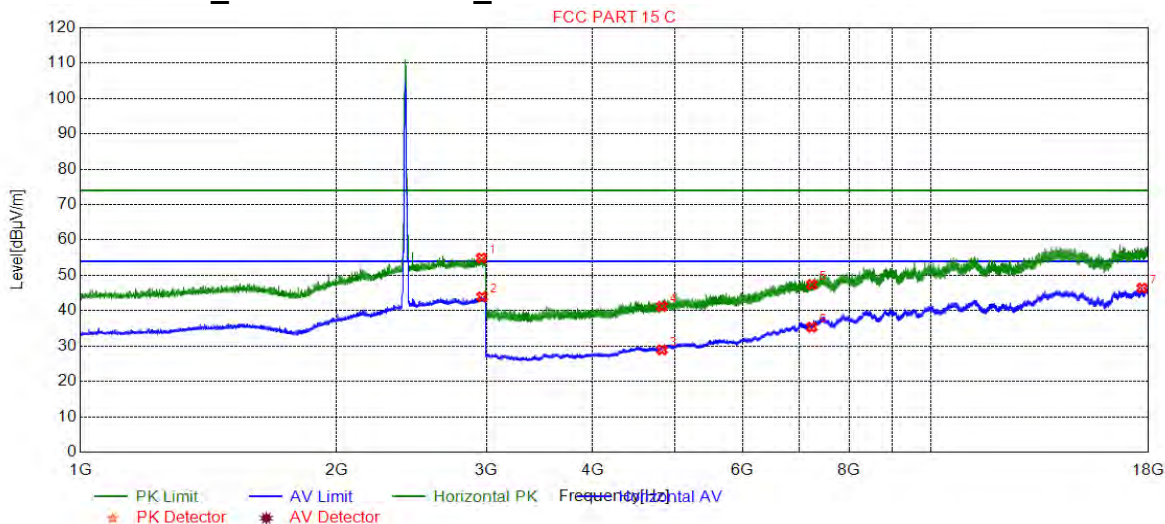
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4.9.2.1.4 802.11B_Lowest Channel_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2960.4901	54.90	9.63	74.00	19.10	150	224	Horizontal
2	2964.9912	43.91	9.61	54.00	10.09	150	320	Horizontal
3	4824.0000	28.94	-18.21	54.00	25.06	150	264	Horizontal
4	4824.0000	41.23	-18.21	74.00	32.77	150	182	Horizontal
5	7236.0000	47.39	-9.99	74.00	26.61	150	191	Horizontal
6	7236.0000	35.34	-9.99	54.00	18.66	150	292	Horizontal
7	17685.934	46.40	1.35	54.00	7.60	150	292	Horizontal



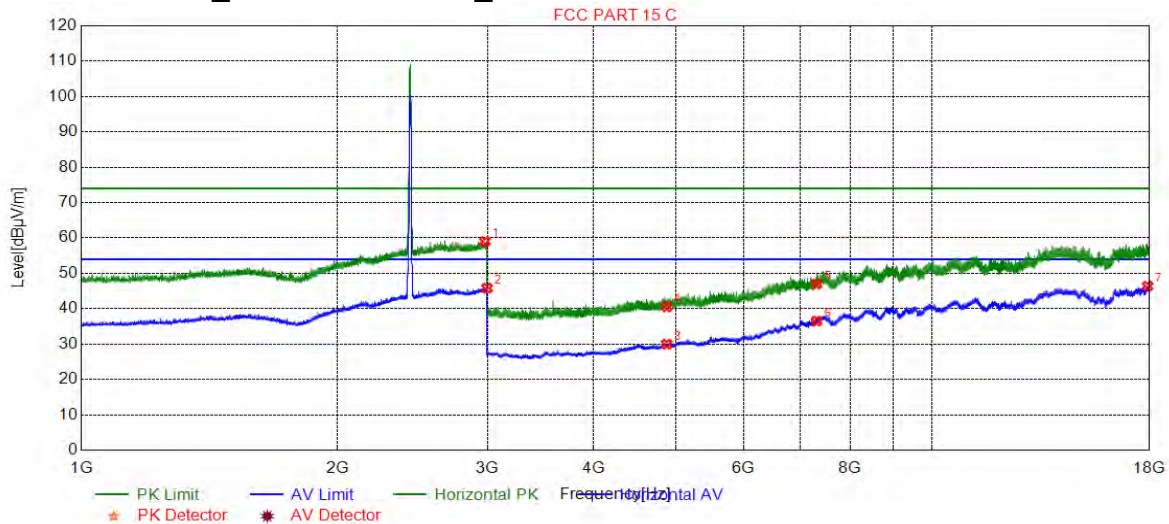
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4.9.2.1.5 802.11B_ Middle Channel_ Horizontal

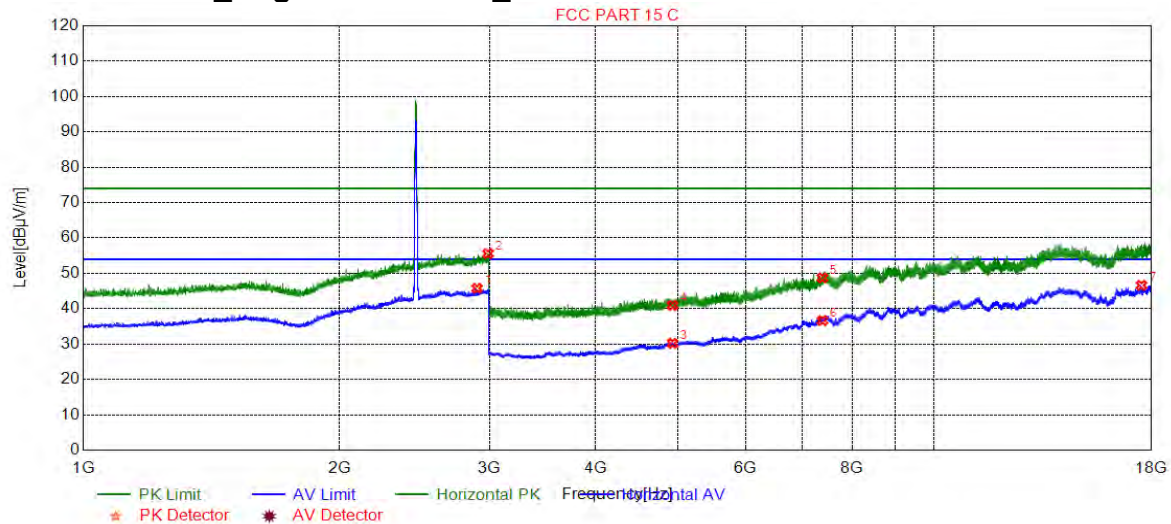


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2980.4951	59.00	9.54	74.00	15.00	150	280	Horizontal
2	2996.9993	45.82	9.46	54.00	8.18	150	87	Horizontal
3	4874.0000	29.96	-17.99	54.00	24.04	150	156	Horizontal
4	4874.0000	40.54	-17.99	74.00	33.46	150	46	Horizontal
5	7311.0000	46.98	-9.74	74.00	27.02	150	0	Horizontal
6	7311.0000	36.53	-9.74	54.00	17.47	150	89	Horizontal
7	17903.745	46.39	0.69	54.00	7.61	150	241	Horizontal



4.9.2.1.6 802.11B_ Highest Channel_ Horizontal

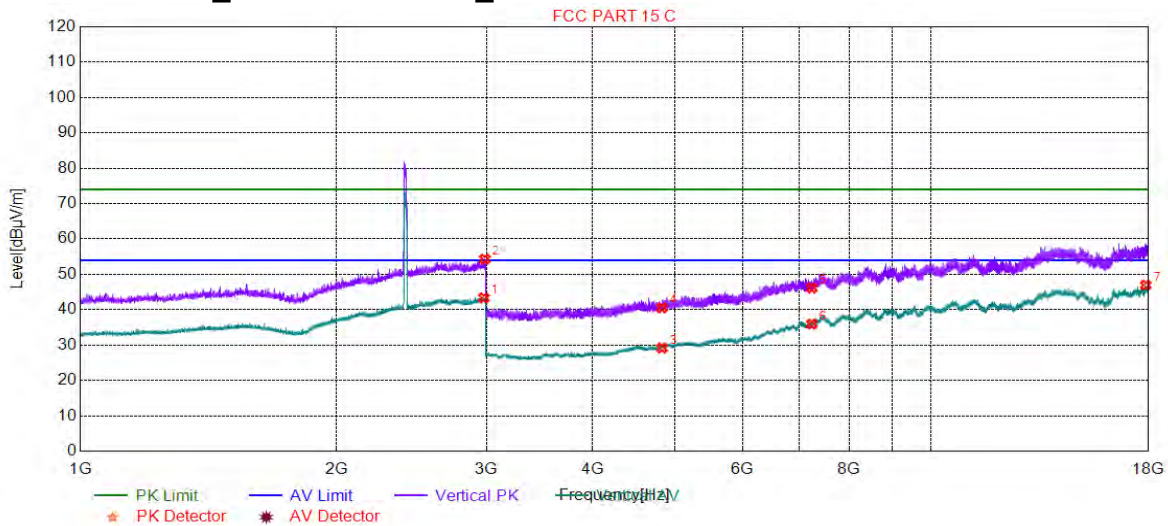


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2900.9752	45.76	9.15	54.00	8.24	150	252	Horizontal
2	2988.9972	55.58	9.50	74.00	18.42	150	142	Horizontal
3	4924.0000	30.20	-17.72	54.00	23.80	150	183	Horizontal
4	4924.0000	40.93	-17.72	74.00	33.07	150	294	Horizontal
5	7386.0000	48.73	-9.55	74.00	25.27	150	242	Horizontal
6	7386.0000	36.65	-9.55	54.00	17.35	150	40	Horizontal
7	17511.575	46.61	0.97	54.00	7.39	150	0	Horizontal



4.9.2.1.7 802.11G_Lowest Channel_Vertical

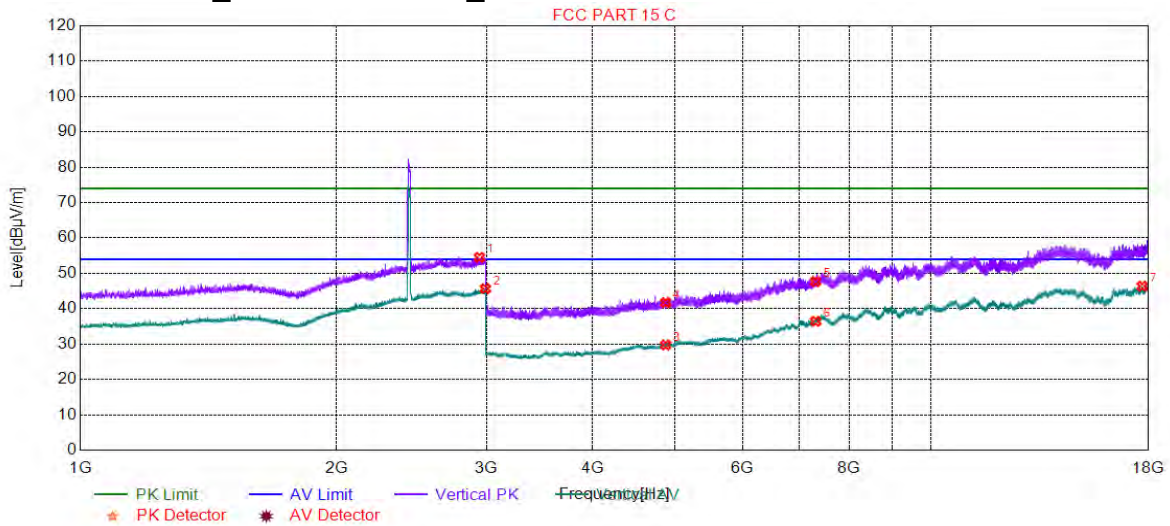


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2979.9950	43.35	9.54	54.00	10.65	150	259	Vertical
2	2987.4969	54.32	9.51	74.00	19.68	150	204	Vertical
3	4824.0000	29.16	-18.21	54.00	24.84	150	265	Vertical
4	4824.0000	40.54	-18.21	74.00	33.46	150	346	Vertical
5	7236.0000	46.15	-9.99	74.00	27.85	150	89	Vertical
6	7236.0000	35.95	-9.99	54.00	18.05	150	40	Vertical
7	17863.043	46.94	0.20	54.00	7.06	150	191	Vertical



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	2943.9860	54.52	9.62	74.00	19.48	150	82	Vertical
2	2991.4979	45.66	9.49	54.00	8.34	150	273	Vertical
3	4874.0000	29.74	-17.99	54.00	24.26	150	182	Vertical
4	4874.0000	41.73	-17.99	74.00	32.27	150	155	Vertical
5	7311.0000	47.68	-9.74	74.00	26.32	150	140	Vertical
6	7311.0000	36.42	-9.74	54.00	17.58	150	291	Vertical
7	17693.634	46.36	1.36	54.00	7.64	150	241	Vertical



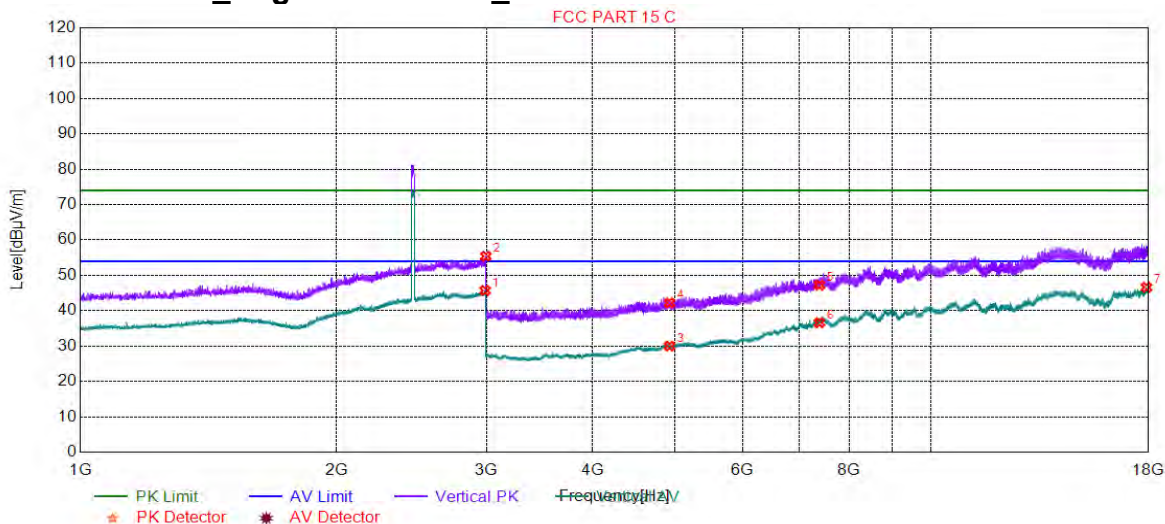
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4.9.2.1.9 802.11G_ Highest Channel_ Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2989.4974	45.71	9.50	54.00	8.29	150	302	Vertical
2	2995.4989	55.41	9.47	74.00	18.59	150	232	Vertical
3	4924.0000	30.01	-17.72	54.00	23.99	150	267	Vertical
4	4924.0000	42.21	-17.72	74.00	31.79	150	101	Vertical
5	7386.0000	47.24	-9.55	74.00	26.76	150	87	Vertical
6	7386.0000	36.62	-9.55	54.00	17.38	150	0	Vertical
7	17897.144	46.62	0.65	54.00	7.38	150	137	Vertical



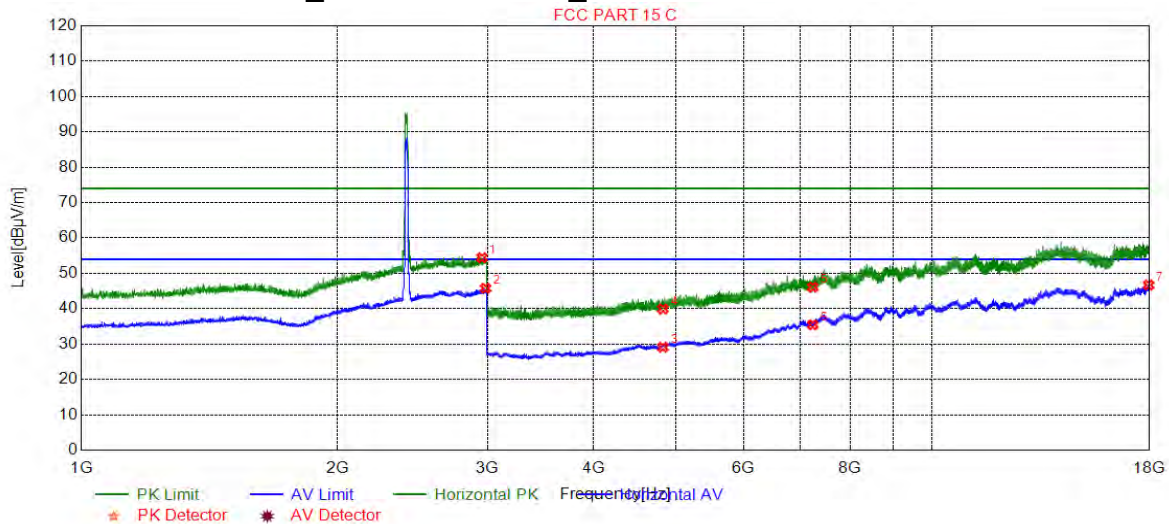
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4.9.2.1.10 802.11G_Lowest Channel_ Horizontal

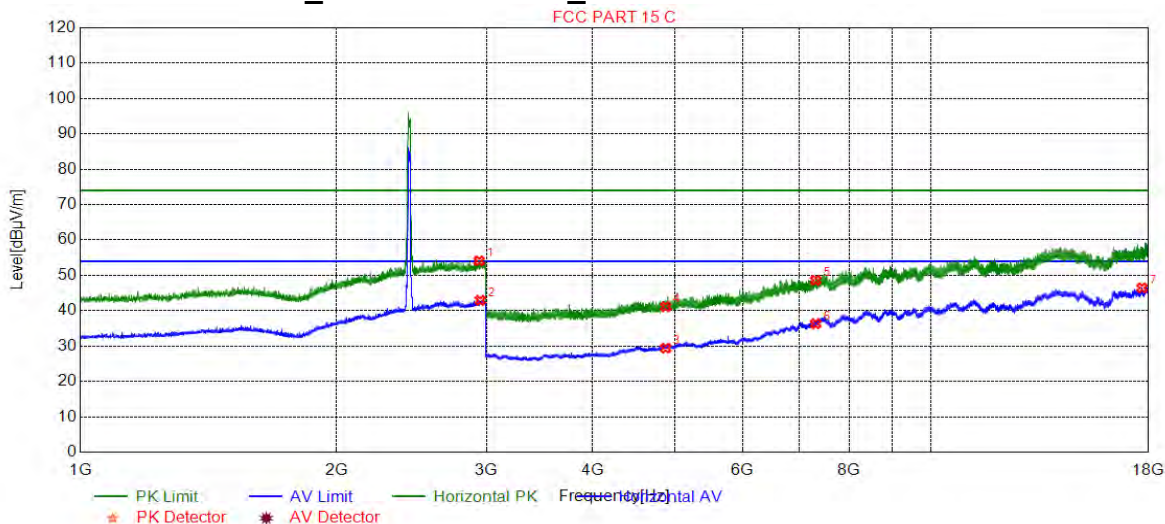


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2955.9890	54.43	9.65	74.00	19.57	150	360	Horizontal
2	2984.9962	45.78	9.52	54.00	8.22	150	59	Horizontal
3	4824.0000	29.11	-18.21	54.00	24.89	150	266	Horizontal
4	4824.0000	39.92	-18.21	74.00	34.08	150	321	Horizontal
5	7236.0000	46.10	-9.99	74.00	27.90	150	191	Horizontal
6	7236.0000	35.48	-9.99	54.00	18.52	150	90	Horizontal
7	17948.847	46.70	0.70	54.00	7.30	150	291	Horizontal



4.9.2.1.11 802.11G_ Middle Channel_ Horizontal

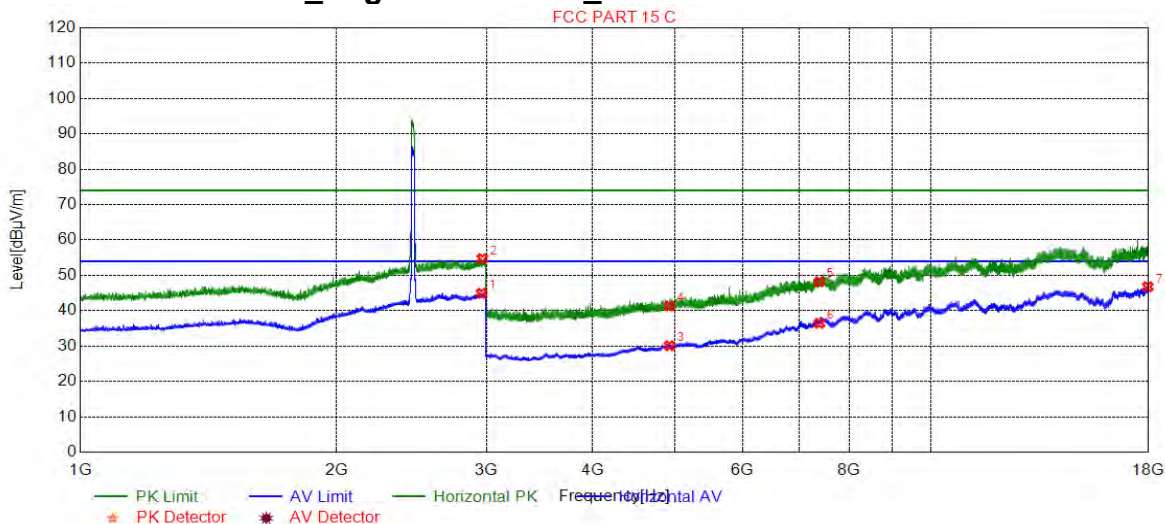


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2941.4854	54.09	9.59	74.00	19.91	150	252	Horizontal
2	2950.4876	42.94	9.68	54.00	11.06	150	293	Horizontal
3	4874.0000	29.41	-17.99	54.00	24.59	150	18	Horizontal
4	4874.0000	41.16	-17.99	74.00	32.84	150	299	Horizontal
5	7311.0000	48.60	-9.74	74.00	25.40	150	191	Horizontal
6	7311.0000	36.32	-9.74	54.00	17.68	150	40	Horizontal
7	17684.834	46.46	1.35	54.00	7.54	150	141	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	2960.4901	44.92	9.63	54.00	9.08	150	305	Horizontal
2	2966.9917	54.72	9.60	74.00	19.28	150	45	Horizontal
3	4924.0000	30.10	-17.72	54.00	23.90	150	218	Horizontal
4	4924.0000	41.34	-17.72	74.00	32.66	150	218	Horizontal
5	7386.0000	48.19	-9.55	74.00	25.81	150	241	Horizontal
6	7386.0000	36.45	-9.55	54.00	17.55	150	0	Horizontal
7	17960.948	46.76	0.71	54.00	7.24	150	39	Horizontal



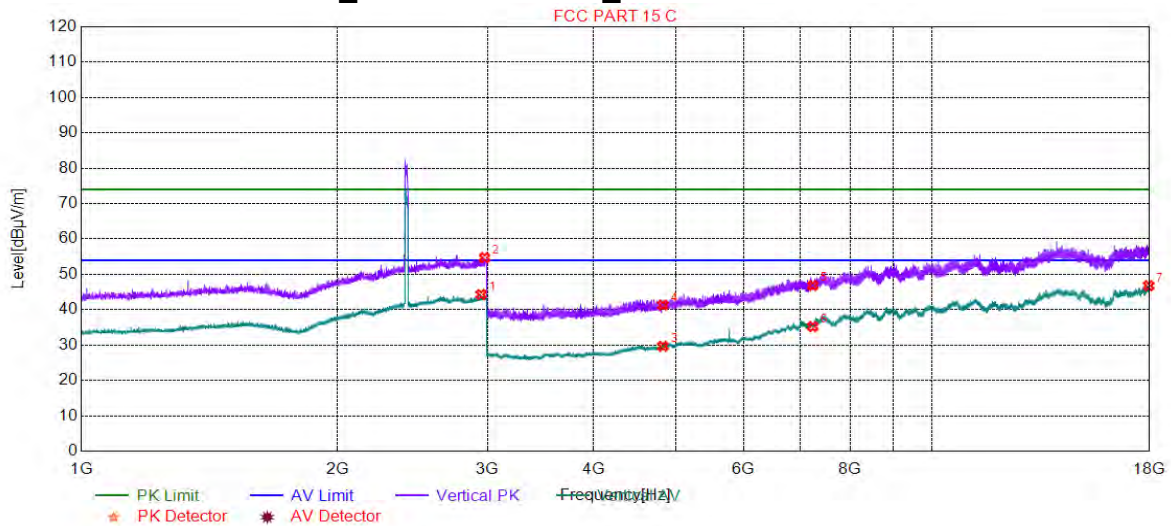
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4.9.2.1.13 802.11N20_Lowest Channel_Vertical

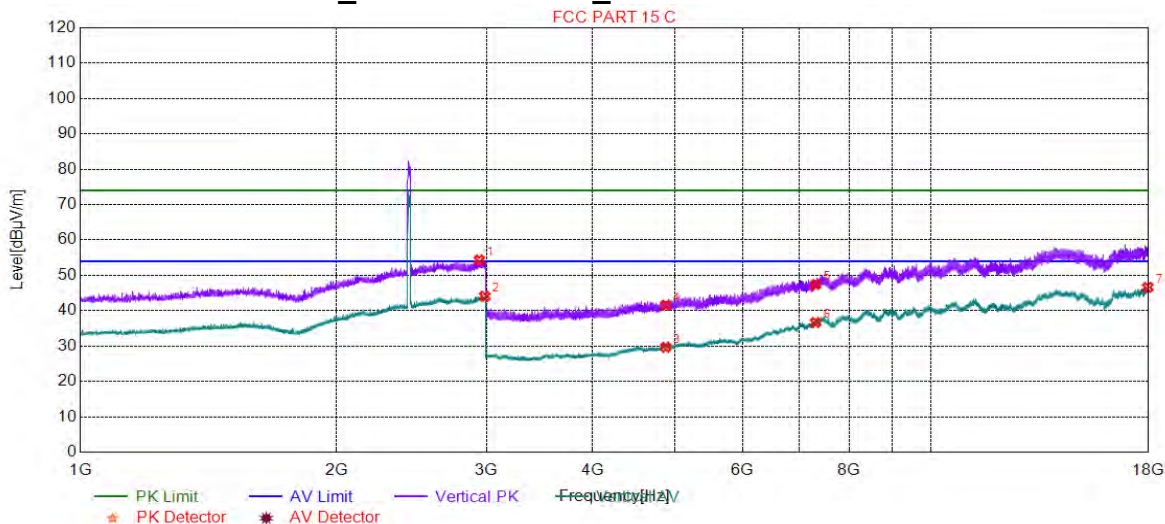


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2949.4874	44.32	9.67	54.00	9.68	150	246	Vertical
2	2977.4944	54.73	9.55	74.00	19.27	150	26	Vertical
3	4824.0000	29.67	-18.21	54.00	24.33	150	320	Vertical
4	4824.0000	41.29	-18.21	74.00	32.71	150	156	Vertical
5	7236.0000	46.82	-9.99	74.00	27.18	150	140	Vertical
6	7236.0000	35.24	-9.99	54.00	18.76	150	90	Vertical
7	17952.697	46.77	0.71	54.00	7.23	150	292	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	2942.9857	54.37	9.60	74.00	19.63	150	260	Vertical
2	2986.9967	44.09	9.51	54.00	9.91	150	260	Vertical
3	4874.0000	29.67	-17.99	54.00	24.33	150	46	Vertical
4	4874.0000	41.59	-17.99	74.00	32.41	150	100	Vertical
5	7311.0000	47.39	-9.74	74.00	26.61	150	342	Vertical
6	7311.0000	36.68	-9.74	54.00	17.32	150	90	Vertical
7	17955.997	46.61	0.71	54.00	7.39	150	40	Vertical



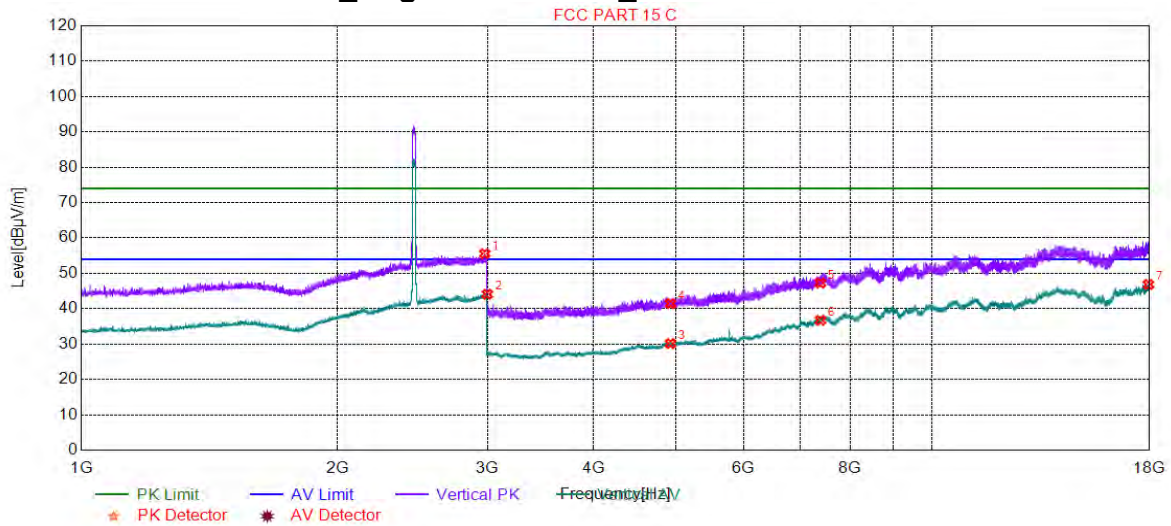
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4.9.2.1.15 802.11N20_ Highest Channel_ Vertical

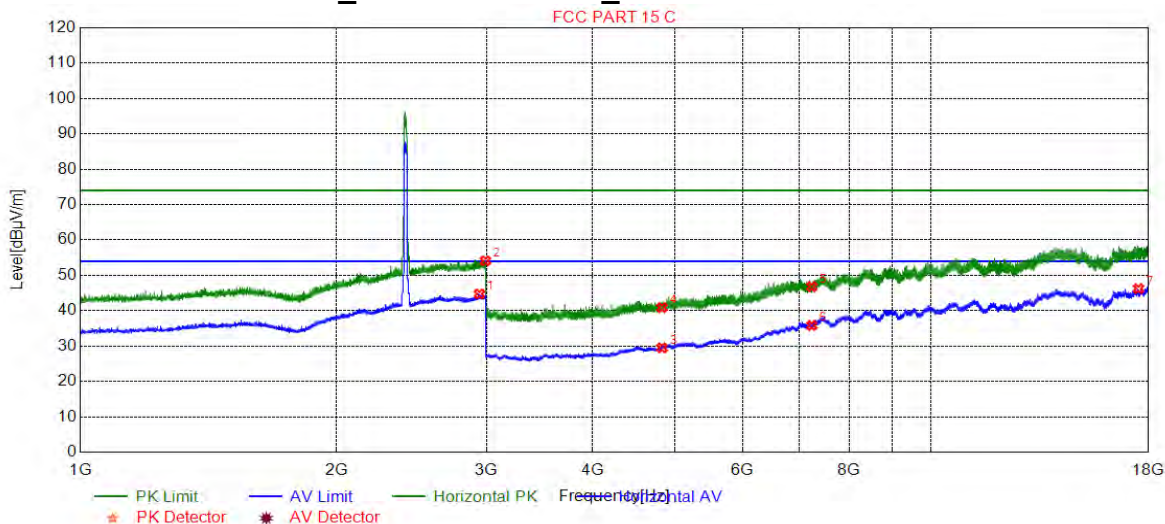


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2979.4949	55.58	9.54	74.00	18.42	150	197	Vertical
2	2998.9998	44.11	9.45	54.00	9.89	150	127	Vertical
3	4924.0000	30.15	-17.72	54.00	23.85	150	18	Vertical
4	4924.0000	41.45	-17.72	74.00	32.55	150	156	Vertical
5	7386.0000	47.26	-9.55	74.00	26.74	150	0	Vertical
6	7386.0000	36.72	-9.55	54.00	17.28	150	342	Vertical
7	17944.447	46.84	0.70	54.00	7.16	150	0	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	2943.9860	44.73	9.62	54.00	9.27	150	334	Horizontal
2	2991.9980	54.12	9.49	74.00	19.88	150	266	Horizontal
3	4824.0000	29.51	-18.21	54.00	24.49	150	319	Horizontal
4	4824.0000	40.87	-18.21	74.00	33.13	150	18	Horizontal
5	7236.0000	46.80	-9.99	74.00	27.20	150	0	Horizontal
6	7236.0000	35.84	-9.99	54.00	18.16	150	40	Horizontal
7	17514.325	46.23	0.98	54.00	7.77	150	191	Horizontal



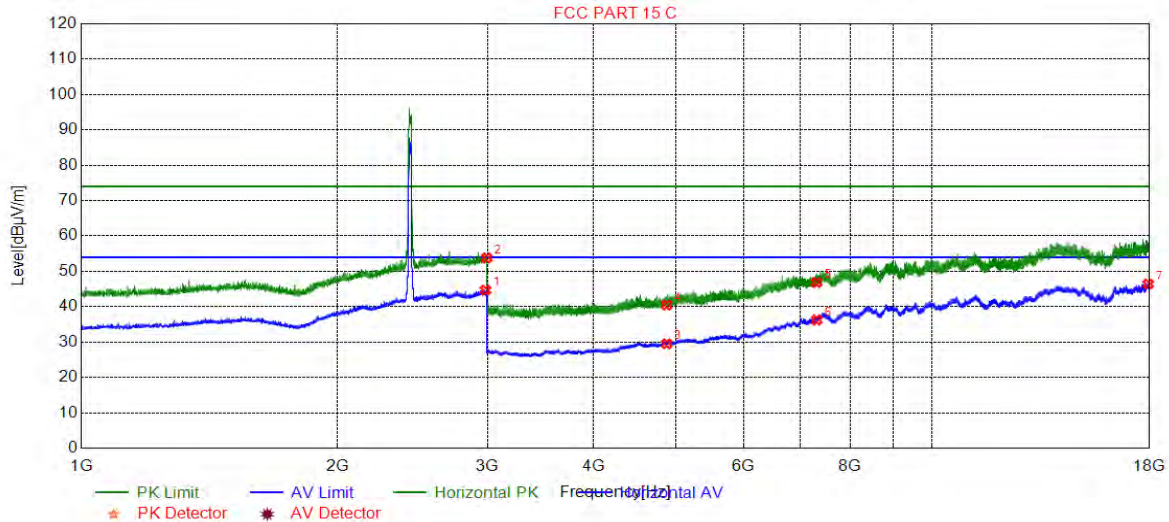
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4.9.2.1.17 802.11N20_Middle Channel_Horizontal

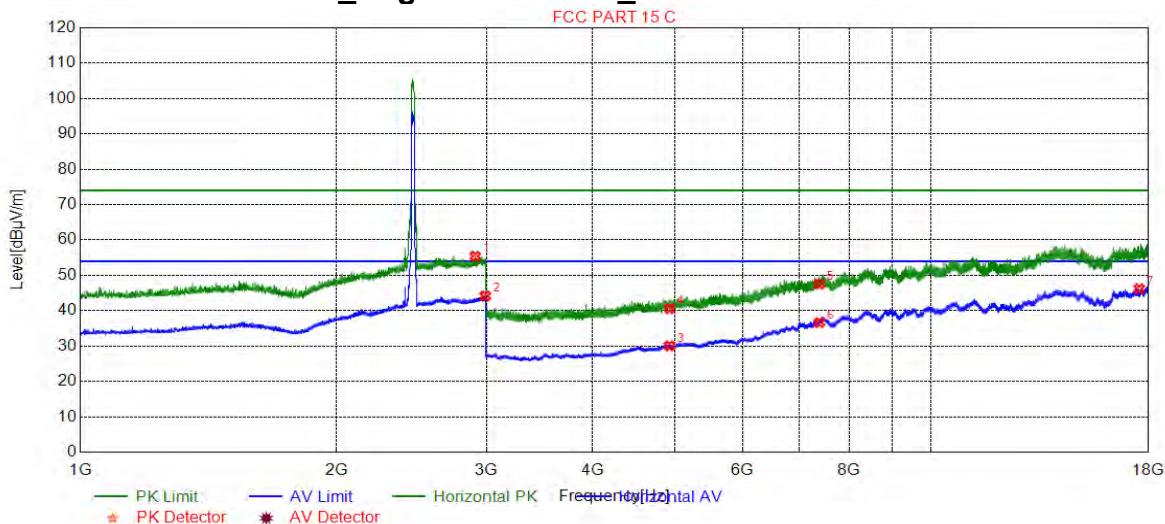


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2984.9962	44.68	9.52	54.00	9.32	150	129	Horizontal
2	2994.4986	53.78	9.48	74.00	20.22	150	115	Horizontal
3	4874.0000	29.52	-17.99	54.00	24.48	150	327	Horizontal
4	4874.0000	40.47	-17.99	74.00	33.53	150	272	Horizontal
5	7311.0000	46.86	-9.74	74.00	27.14	150	291	Horizontal
6	7311.0000	36.27	-9.74	54.00	17.73	150	241	Horizontal
7	17929.046	46.43	0.70	54.00	7.57	150	342	Horizontal



4.9.2.1.18 802.11N20_ Highest Channel_ Horizontal

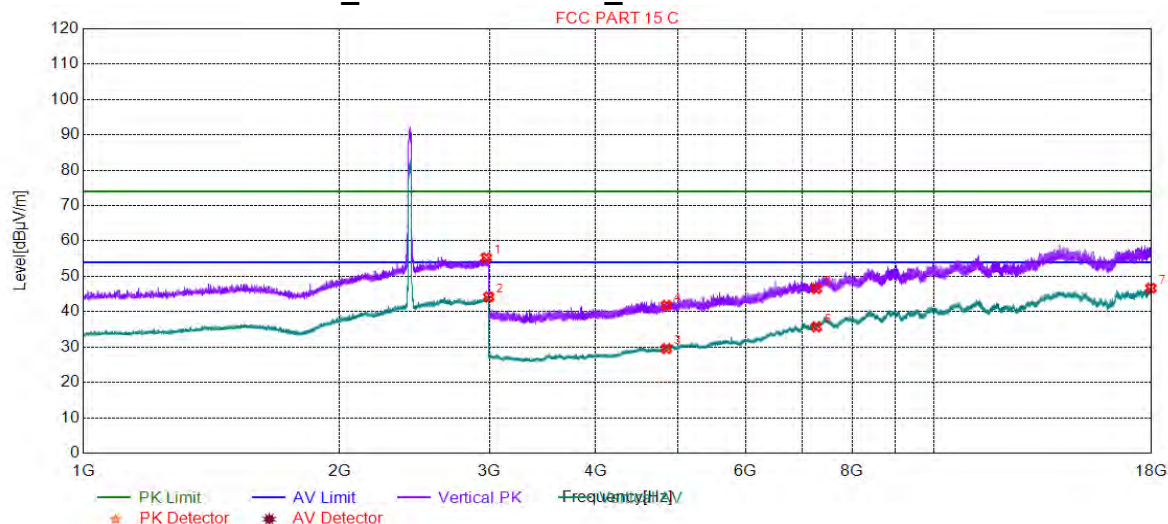


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2910.9777	55.42	9.26	74.00	18.58	150	26	Horizontal
2	2991.4979	44.17	9.49	54.00	9.83	150	164	Horizontal
3	4924.0000	30.06	-17.72	54.00	23.94	150	18	Horizontal
4	4924.0000	40.62	-17.72	74.00	33.38	150	187	Horizontal
5	7386.0000	47.51	-9.55	74.00	26.49	150	140	Horizontal
6	7386.0000	36.64	-9.55	54.00	17.36	150	140	Horizontal
7	17549.527	46.21	1.11	54.00	7.79	150	0	Horizontal



4.9.2.1.19 802.11N40_Lowest Channel_Vertical

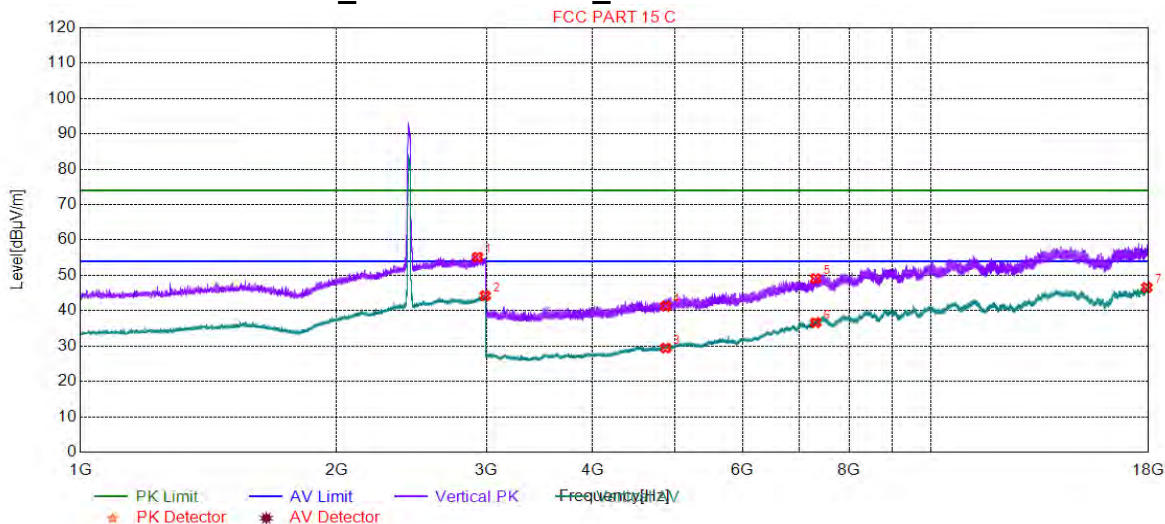


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2974.4936	55.29	9.57	74.00	18.71	150	215	Vertical
2	2994.9988	44.19	9.47	54.00	9.81	150	131	Vertical
3	4844.0000	29.57	-18.13	54.00	24.43	150	320	Vertical
4	4844.0000	41.82	-18.13	74.00	32.18	150	155	Vertical
5	7266.0000	46.52	-9.88	74.00	27.48	150	39	Vertical
6	7266.0000	35.72	-9.88	54.00	18.28	150	140	Vertical
7	17962.048	46.66	0.71	54.00	7.34	150	90	Vertical



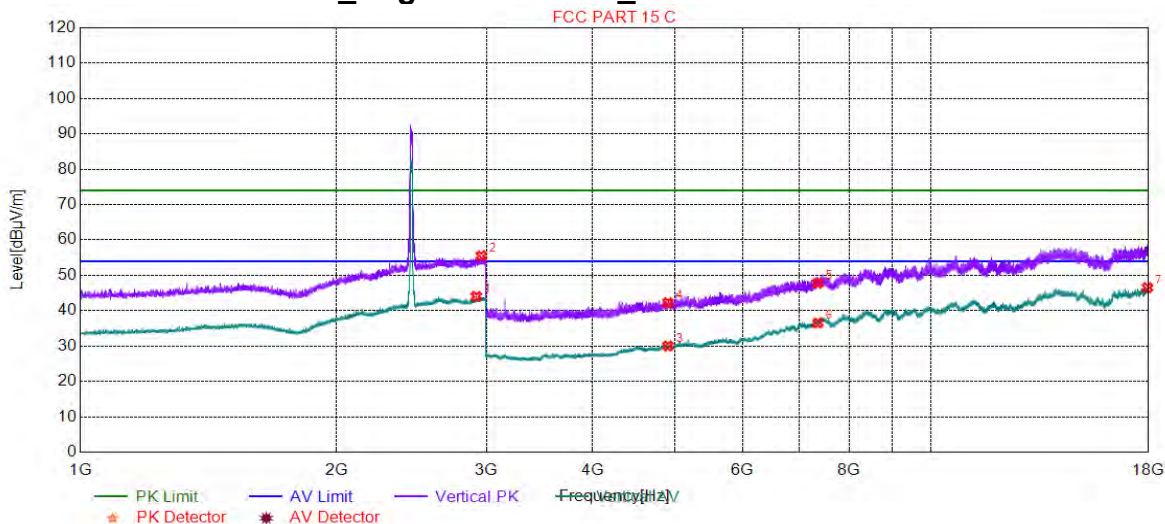
4.9.2.1.20 802.11N40_Middle Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2928.9822	55.17	9.45	74.00	18.83	150	156	Vertical
2	2989.9975	44.24	9.50	54.00	9.76	150	156	Vertical
3	4874.0000	29.45	-17.99	54.00	24.55	150	291	Vertical
4	4874.0000	41.29	-17.99	74.00	32.71	150	318	Vertical
5	7311.0000	49.10	-9.74	74.00	24.90	150	342	Vertical
6	7311.0000	36.64	-9.74	54.00	17.36	150	342	Vertical
7	17913.095	46.58	0.69	54.00	7.42	150	0	Vertical



4.9.2.1.21 802.11N40_ Highest Channel_ Vertical

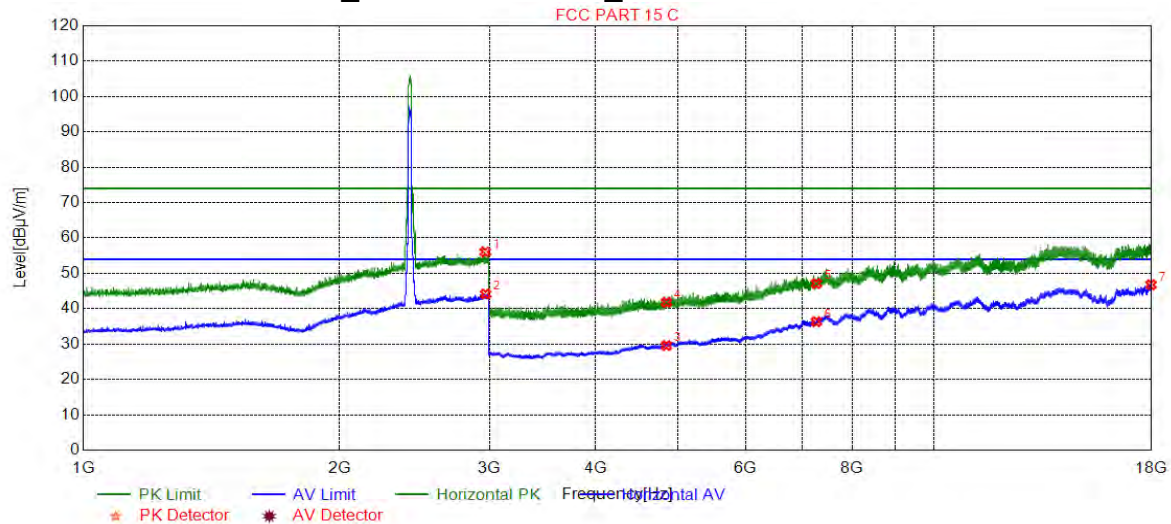


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2919.4799	44.02	9.35	54.00	9.98	150	319	Vertical
2	2958.9897	55.53	9.64	74.00	18.47	150	87	Vertical
3	4904.0000	30.02	-17.85	54.00	23.98	150	209	Vertical
4	4904.0000	42.24	-17.85	74.00	31.76	150	360	Vertical
5	7356.0000	47.80	-9.62	74.00	26.20	150	192	Vertical
6	7356.0000	36.51	-9.62	54.00	17.49	150	142	Vertical
7	17937.8469	46.51	0.70	54.00	7.49	150	142	Vertical



4.9.2.1.22 802.11N40_Lowest Channel_Horizontal

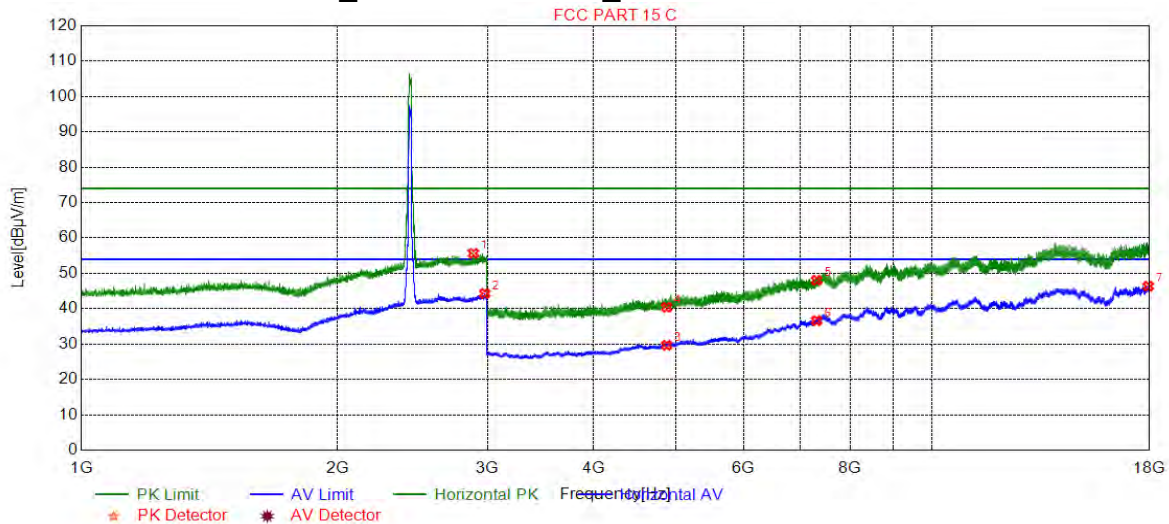


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2966.4916	56.07	9.60	74.00	17.93	150	201	Horizontal
2	2968.9922	44.16	9.59	54.00	9.84	150	73	Horizontal
3	4844.0000	29.60	-18.13	54.00	24.40	150	218	Horizontal
4	4844.0000	41.81	-18.13	74.00	32.19	150	354	Horizontal
5	7266.0000	47.13	-9.88	74.00	26.87	150	192	Horizontal
6	7266.0000	36.34	-9.88	54.00	17.66	150	342	Horizontal
7	17969.198	46.78	0.71	54.00	7.22	150	241	Horizontal



4.9.2.1.23 802.11N40_ Middle Channel_ Horizontal

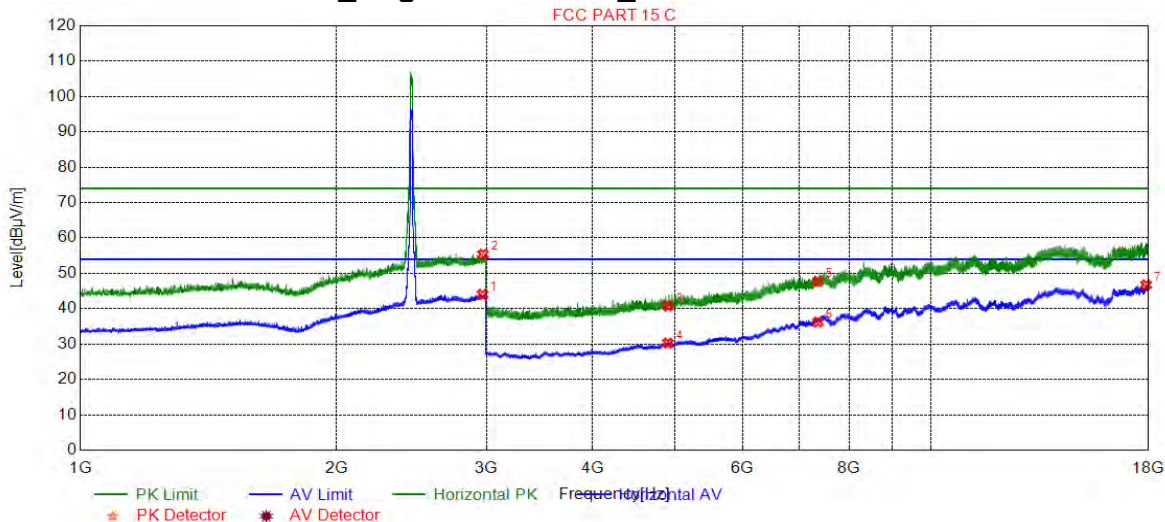


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2888.4721	55.68	9.16	74.00	18.32	150	260	Horizontal
2	2978.9947	44.32	9.55	54.00	9.68	150	109	Horizontal
3	4874.0000	29.67	-17.99	54.00	24.33	150	278	Horizontal
4	4874.0000	40.39	-17.99	74.00	33.61	150	167	Horizontal
5	7311.0000	48.05	-9.74	74.00	25.95	150	91	Horizontal
6	7311.0000	36.62	-9.74	54.00	17.38	150	292	Horizontal
7	17932.896	46.36	0.70	54.00	7.64	150	241	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	2968.4921	44.05	9.59	54.00	9.95	150	177	Horizontal
2	2973.4934	55.38	9.57	74.00	18.62	150	122	Horizontal
3	4904.0000	40.76	-17.85	74.00	33.24	150	294	Horizontal
4	4904.0000	30.27	-17.85	54.00	23.73	150	349	Horizontal
5	7356.0000	47.73	-9.62	74.00	26.27	150	292	Horizontal
6	7356.0000	36.22	-9.62	54.00	17.78	150	141	Horizontal
7	17875.143	46.75	0.36	54.00	7.25	150	141	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.



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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:			

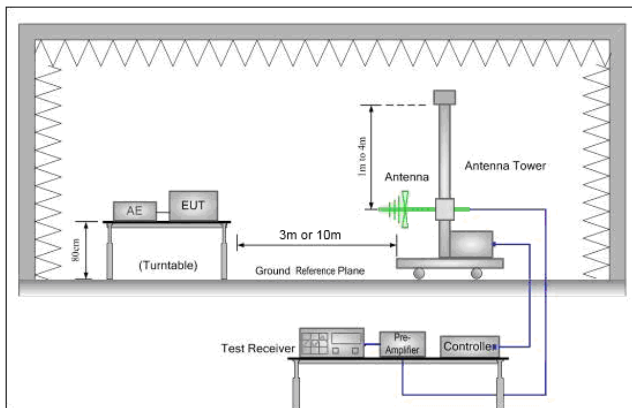


Figure 1. 30MHz to 1GHz

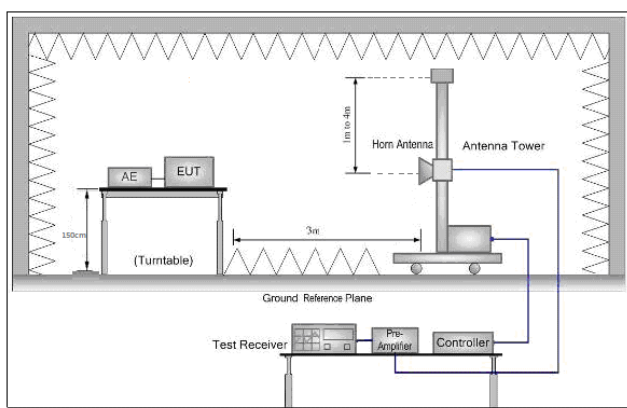


Figure 2. Above 1 GHz



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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



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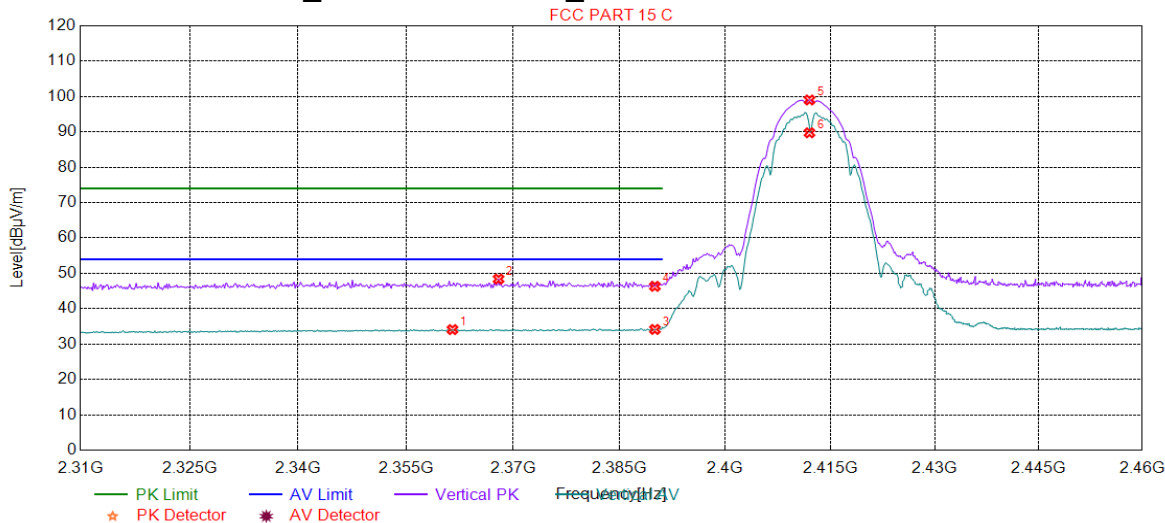
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Test plot as follows:

4.10.1 ANT1

4.10.1.1 802.11B_Lowest Channel_ Vertical

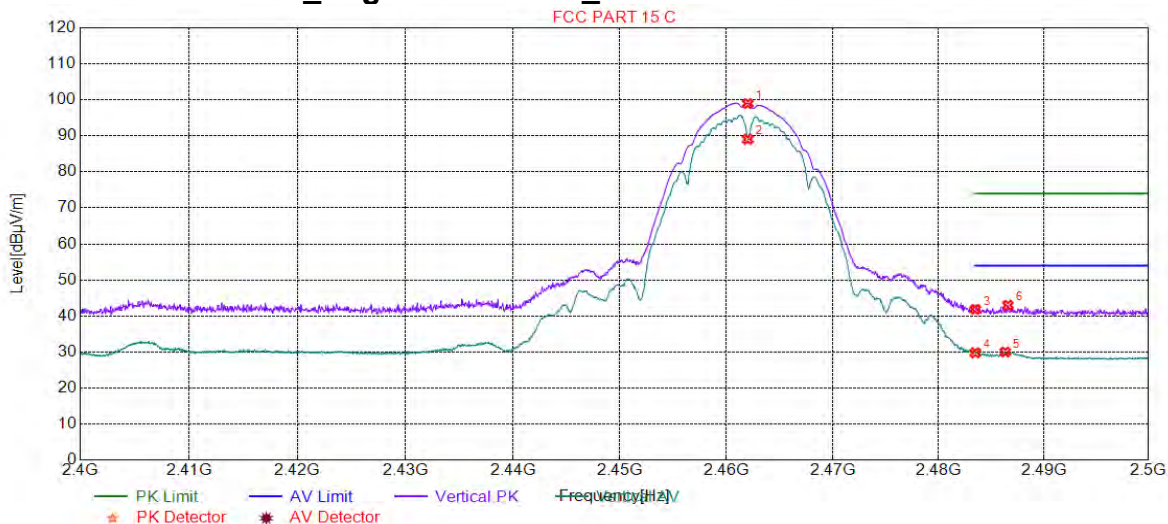


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2361.5015	34.10	7.80	54.00	19.90	150	192	Vertical
2	2367.9580	48.39	7.79	74.00	25.61	150	92	Vertical
3	2390.0000	34.15	7.77	54.00	19.85	150	38	Vertical
4	2390.0000	46.33	7.77	74.00	27.67	150	237	Vertical
5	2412.0000	99.02	7.81	0.00	-99.02	150	204	Vertical
6	2412.0000	89.74	7.81	0.00	-89.74	150	204	Vertical



4.10.1.2 802.11B_ Highest Channel_ Vertical

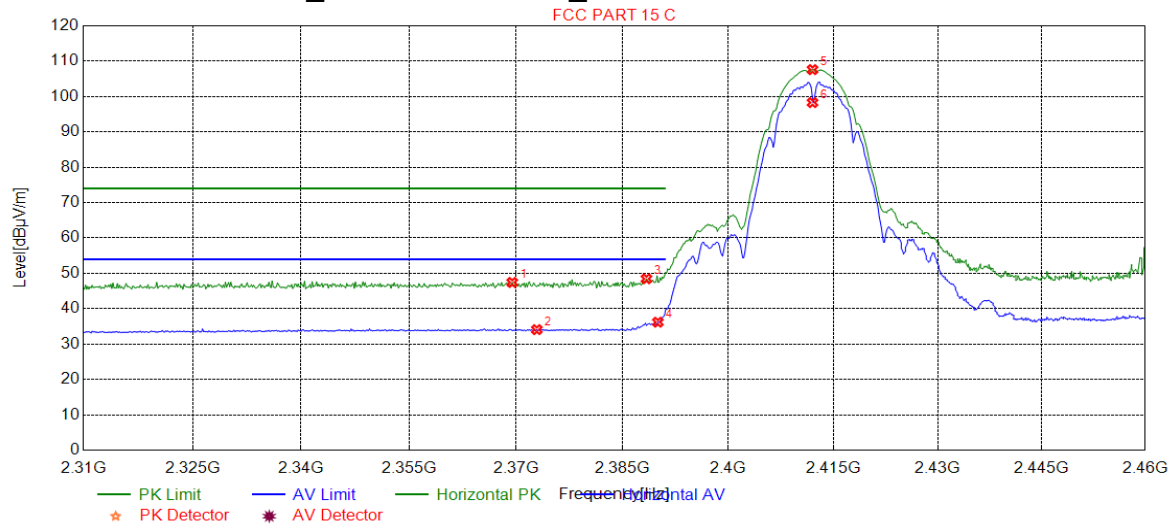


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	98.97	7.98	0.00	-98.97	150	207	Vertical
2	2462.0000	89.05	7.98	0.00	-89.05	150	207	Vertical
3	2483.5000	41.84	8.01	74.00	32.16	150	14	Vertical
4	2483.5000	29.78	8.01	54.00	24.22	150	207	Vertical
5	2486.3432	30.00	8.01	54.00	24.00	150	207	Vertical
6	2486.5933	43.00	8.01	74.00	31.00	150	196	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	2369.4595	47.44	7.79	74.00	26.56	150	326	Horizontal
2	2372.9129	34.09	7.79	54.00	19.91	150	197	Horizontal
3	2388.3784	48.46	7.77	74.00	25.54	150	322	Horizontal
4	2390.0000	36.19	7.77	54.00	17.81	150	334	Horizontal
5	2412.0000	107.61	7.81	0.00	-107.61	150	334	Horizontal
6	2412.0000	98.28	7.81	0.00	-98.28	150	334	Horizontal



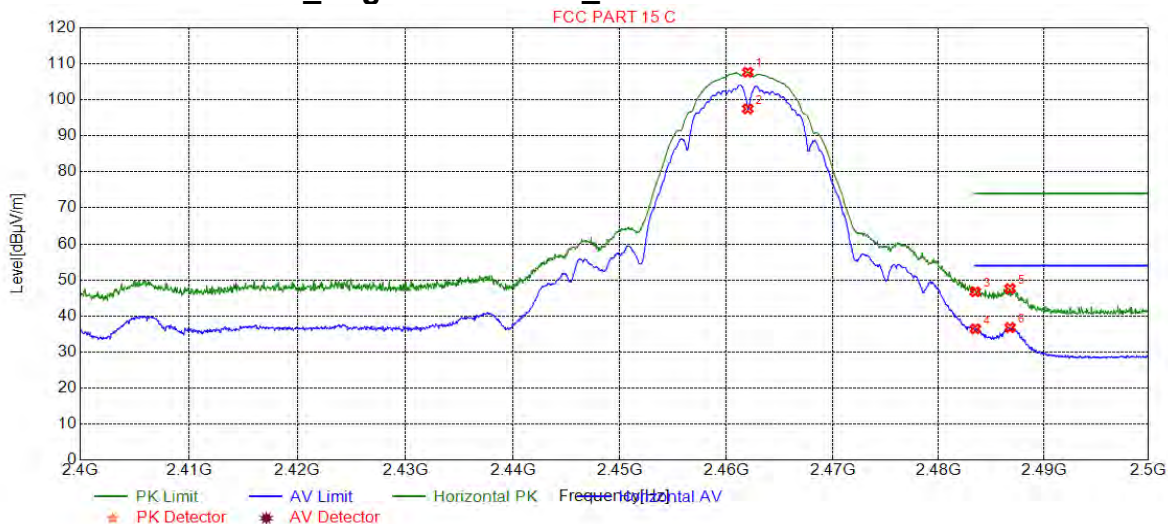
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4.10.1.4 802.11B_ Highest Channel_ Horizontal

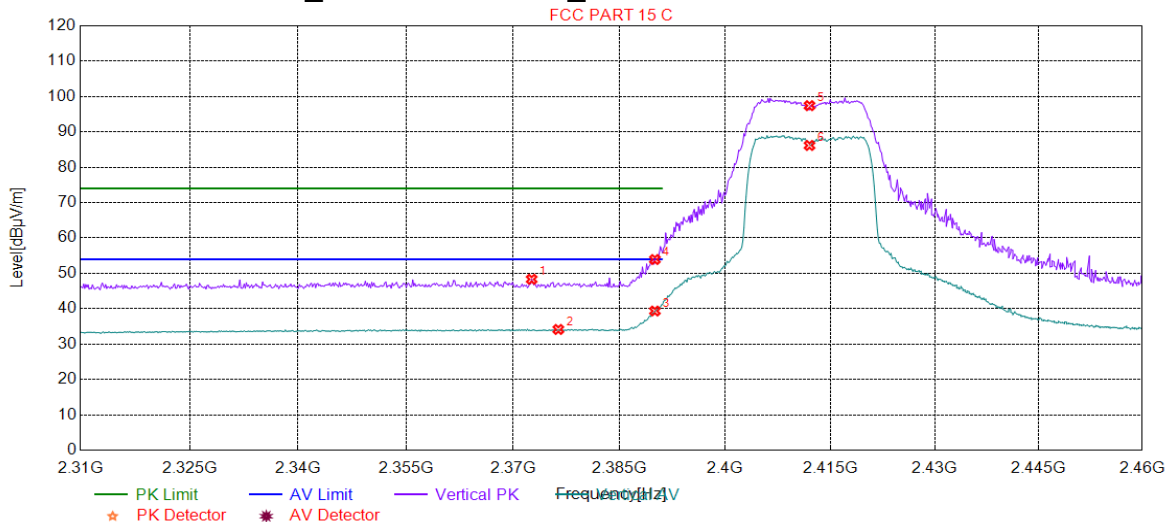


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	107.67	7.98	0.00	-107.67	150	330	Horizontal
2	2462.0000	97.50	7.98	0.00	-97.50	150	330	Horizontal
3	2483.5000	46.73	8.01	74.00	27.27	150	325	Horizontal
4	2483.5000	36.43	8.01	54.00	17.57	150	330	Horizontal
5	2486.7934	47.60	8.01	74.00	26.40	150	325	Horizontal
6	2486.7934	36.78	8.01	54.00	17.22	150	330	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	2372.6126	48.33	7.79	74.00	25.67	150	324	Vertical
2	2376.3664	34.14	7.78	54.00	19.86	150	357	Vertical
3	2390.0000	39.35	7.77	54.00	14.65	150	232	Vertical
4	2390.0000	53.92	7.77	74.00	20.08	150	228	Vertical
5	2412.0000	97.42	7.81	0.00	-97.42	150	220	Vertical
6	2412.0000	86.16	7.81	0.00	-86.16	150	207	Vertical



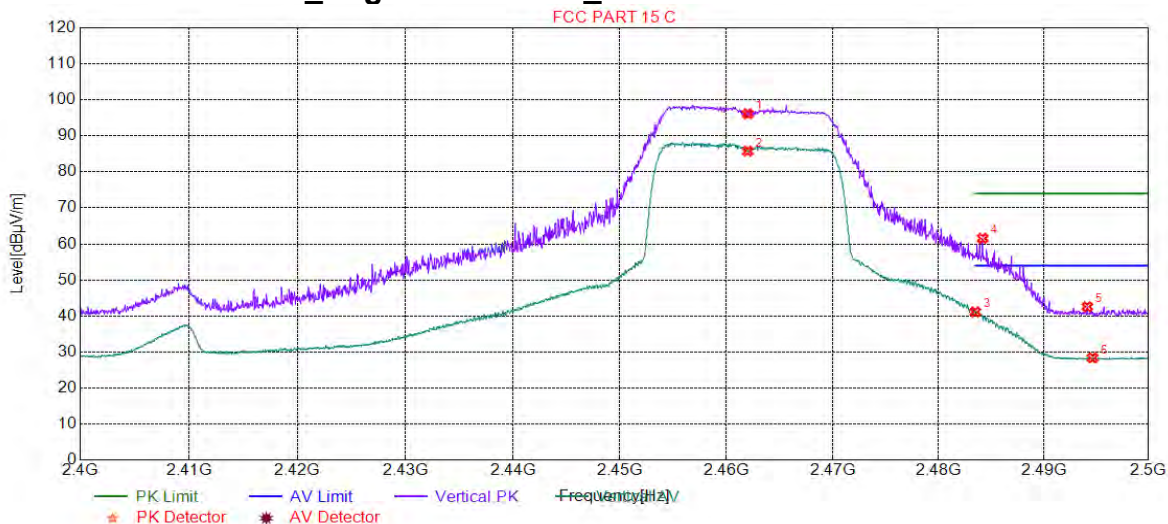
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4.10.1.6 802.11G_ Highest Channel_ Vertical

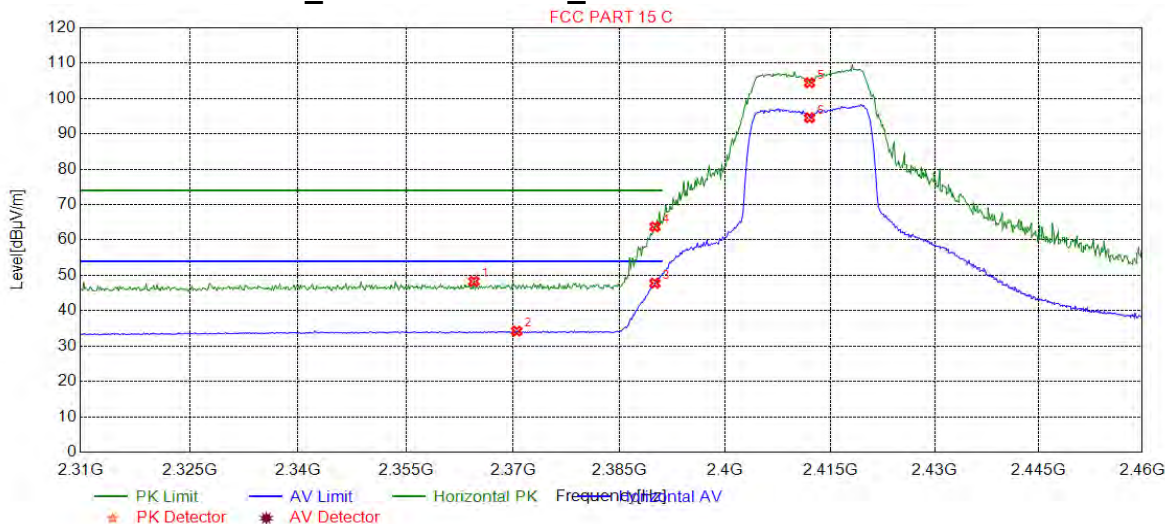


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.13	7.98	0.00	-96.13	150	206	Vertical
2	2462.0000	85.76	7.98	0.00	-85.76	150	206	Vertical
3	2483.5000	41.13	8.01	54.00	12.87	150	211	Vertical
4	2484.1921	61.57	8.01	74.00	12.43	150	211	Vertical
5	2494.1471	42.57	8.02	74.00	31.43	150	360	Vertical
6	2494.6473	28.36	8.02	54.00	25.64	150	112	Vertical



4.10.1.7 802.11G_Lowest Channel_ Horizontal

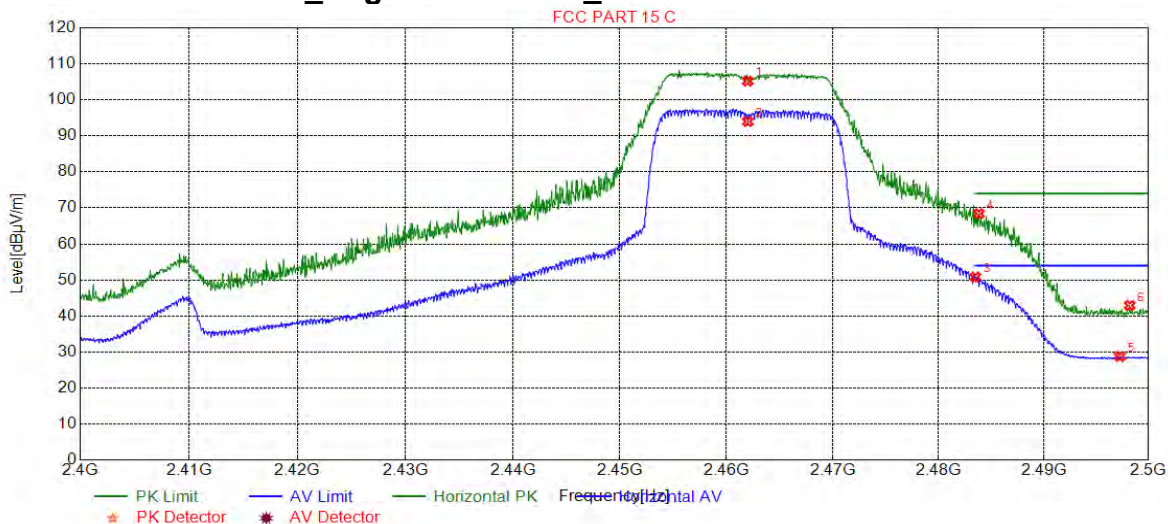


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2364.5045	48.30	7.80	74.00	25.70	150	152	Horizontal
2	2370.5105	34.23	7.79	54.00	19.77	150	0	Horizontal
3	2390.0000	47.79	7.77	54.00	6.21	150	334	Horizontal
4	2390.0000	63.73	7.77	74.00	10.27	150	334	Horizontal
5	2412.0000	104.45	7.81	0.00	-104.45	150	334	Horizontal
6	2412.0000	94.55	7.81	0.00	-94.55	150	334	Horizontal



4.10.1.8 802.11G_ Highest Channel_ Horizontal

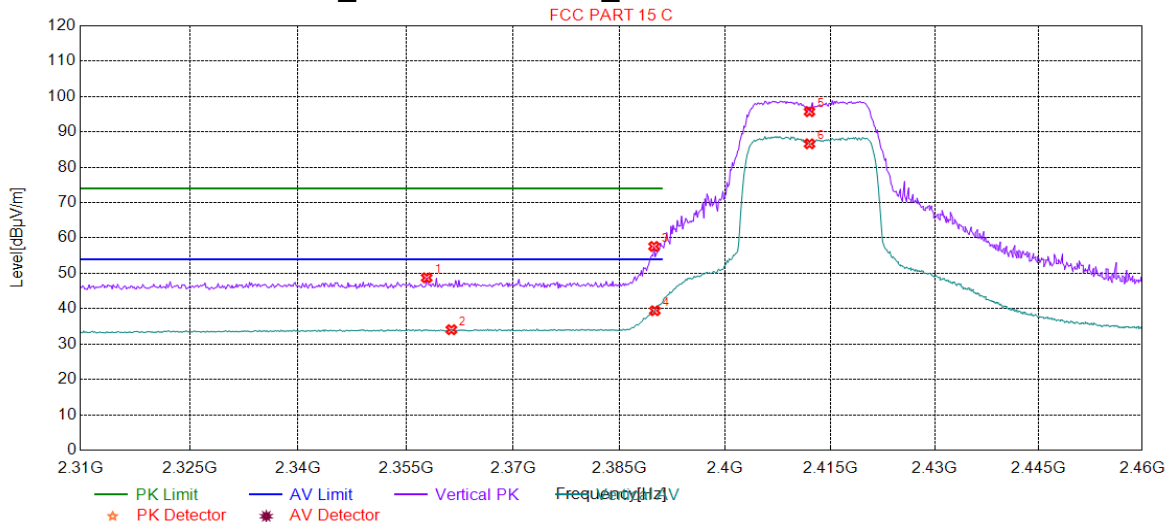


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	105.20	7.98	0.00	-105.20	150	330	Horizontal
2	2462.0000	93.97	7.98	0.00	-93.97	150	335	Horizontal
3	2483.5000	50.81	8.01	54.00	3.19	150	330	Horizontal
4	2483.8419	68.40	8.01	74.00	5.60	150	330	Horizontal
5	2497.2486	28.74	8.03	54.00	25.26	150	330	Horizontal
6	2498.1991	42.93	8.03	74.00	31.07	150	302	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	2357.8979	48.75	7.80	74.00	25.25	150	187	Vertical
2	2361.3514	34.07	7.80	54.00	19.93	150	275	Vertical
3	2389.8799	57.61	7.77	74.00	16.39	150	229	Vertical
4	2390.0000	39.44	7.77	54.00	14.56	150	229	Vertical
5	2412.0000	95.71	7.81	0.00	-95.71	150	204	Vertical
6	2412.0000	86.63	7.81	0.00	-86.63	150	204	Vertical



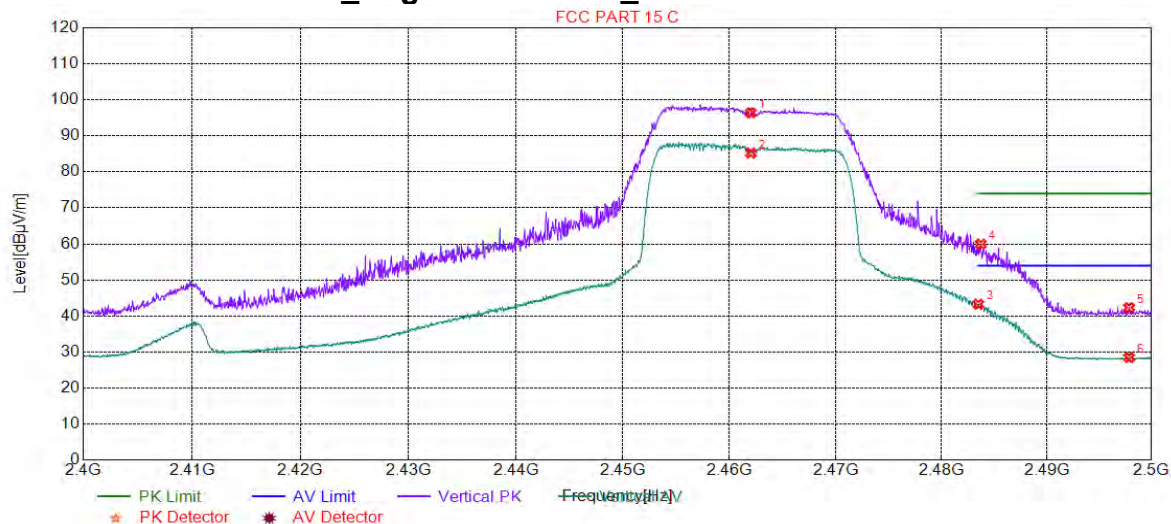
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4.10.1.10 802.11N20_ Highest Channel_ Vertical

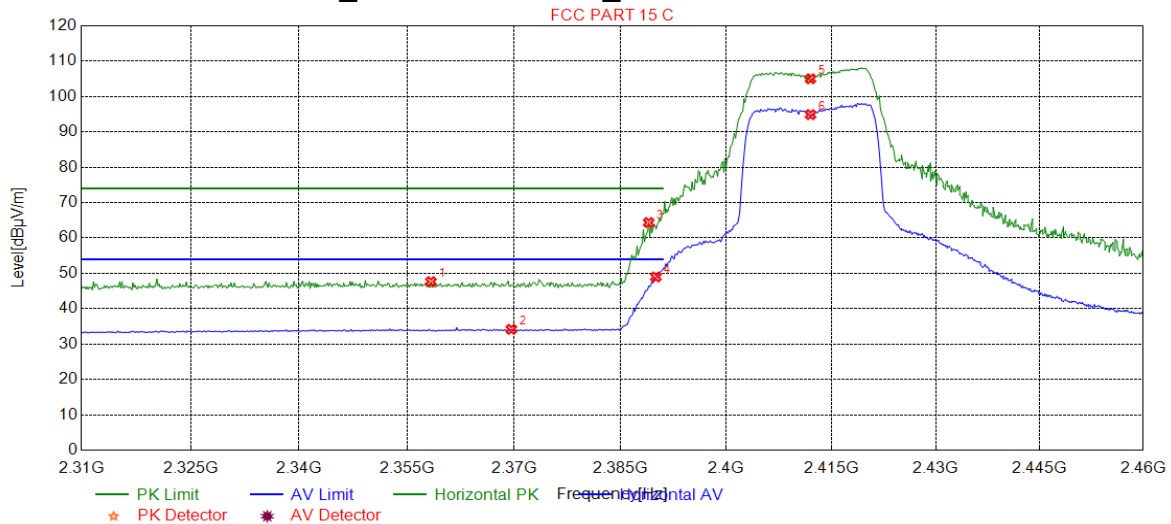


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	96.43	7.98	0.00	-96.43	150	210	Vertical
2	2462.0000	85.24	7.98	0.00	-85.24	150	205	Vertical
3	2483.5000	43.28	8.01	54.00	10.72	150	210	Vertical
4	2483.7419	59.95	8.01	74.00	14.05	150	216	Vertical
5	2497.8489	42.35	8.03	74.00	31.65	150	62	Vertical
6	2497.8489	28.47	8.03	54.00	25.53	150	14	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	2358.3483	47.66	7.80	74.00	26.34	150	27	Horizontal
2	2369.6096	34.19	7.79	54.00	19.81	150	139	Horizontal
3	2388.9790	64.38	7.77	74.00	9.62	150	332	Horizontal
4	2390.0000	48.98	7.77	54.00	5.02	150	335	Horizontal
5	2412.0000	105.01	7.81	0.00	-105.01	150	335	Horizontal
6	2412.0000	94.89	7.81	0.00	-94.89	150	335	Horizontal



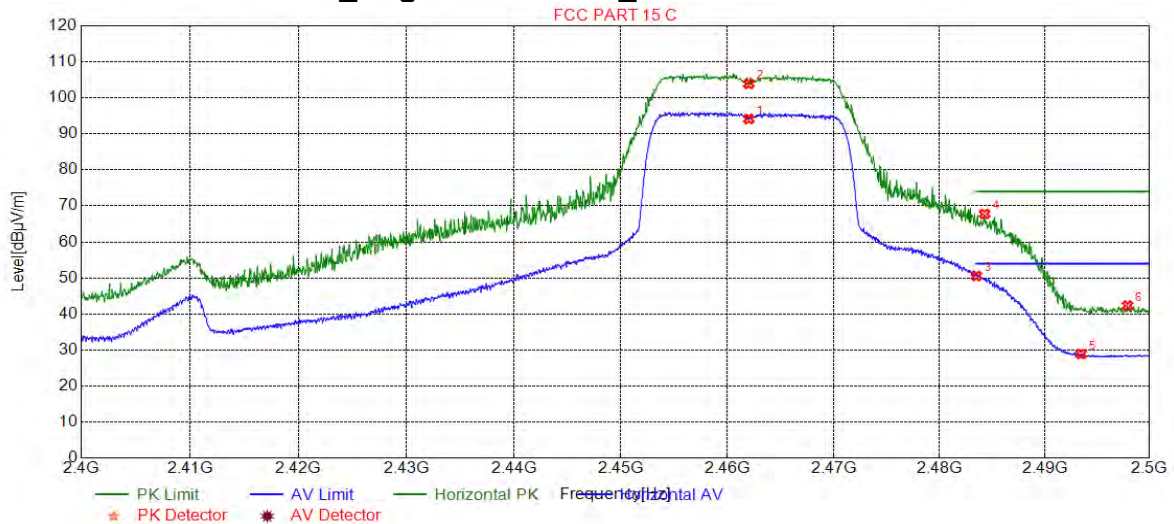
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4.10.1.12 802.11N20_ Highest Channel_ Horizontal



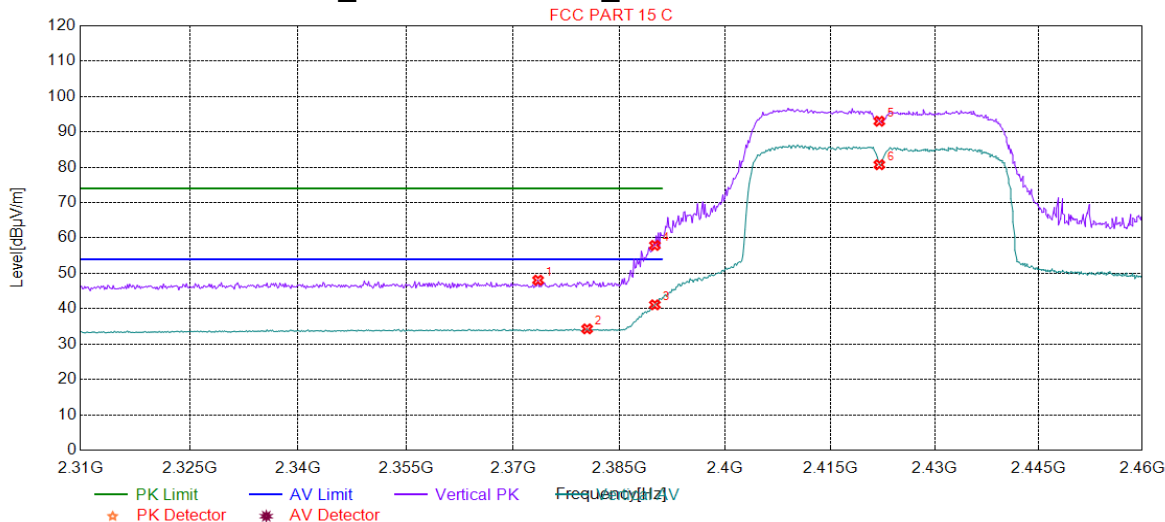
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	94.13	7.98	0.00	-94.13	150	331	Horizontal
2	2462.0000	103.88	7.98	0.00	-103.88	150	173	Horizontal
3	2483.5000	50.58	8.01	54.00	3.42	150	331	Horizontal
4	2484.2921	67.77	8.01	74.00	6.23	150	331	Horizontal
5	2493.4467	28.88	8.02	54.00	25.12	150	331	Horizontal
6	2497.8989	42.30	8.03	74.00	31.70	150	24	Horizontal





4.10.1.13 802.11N40_Lowest Channel_Vertical

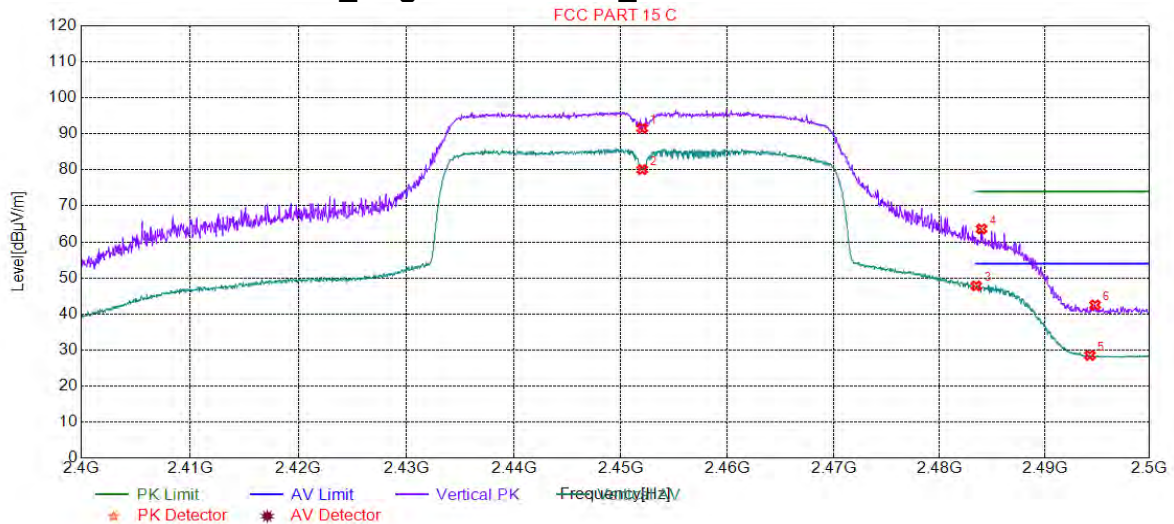


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2373.5135	48.07	7.79	74.00	25.93	150	263	Vertical
2	2380.4204	34.30	7.78	54.00	19.70	150	129	Vertical
3	2390.0000	41.11	7.77	54.00	12.89	150	230	Vertical
4	2390.0000	57.90	7.77	74.00	16.10	150	50	Vertical
5	2422.0000	93.01	7.85	0.00	-93.01	150	218	Vertical
6	2422.0000	80.71	7.85	0.00	-80.71	150	218	Vertical



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	91.59	7.97	0.00	-91.59	150	207	Vertical
2	2452.0000	80.09	7.97	0.00	-80.09	150	201	Vertical
3	2483.5000	47.80	8.01	54.00	6.20	150	207	Vertical
4	2483.9920	63.62	8.01	74.00	10.38	150	212	Vertical
5	2494.2971	28.51	8.02	54.00	25.49	150	212	Vertical
6	2494.7974	42.51	8.02	74.00	31.49	150	212	Vertical



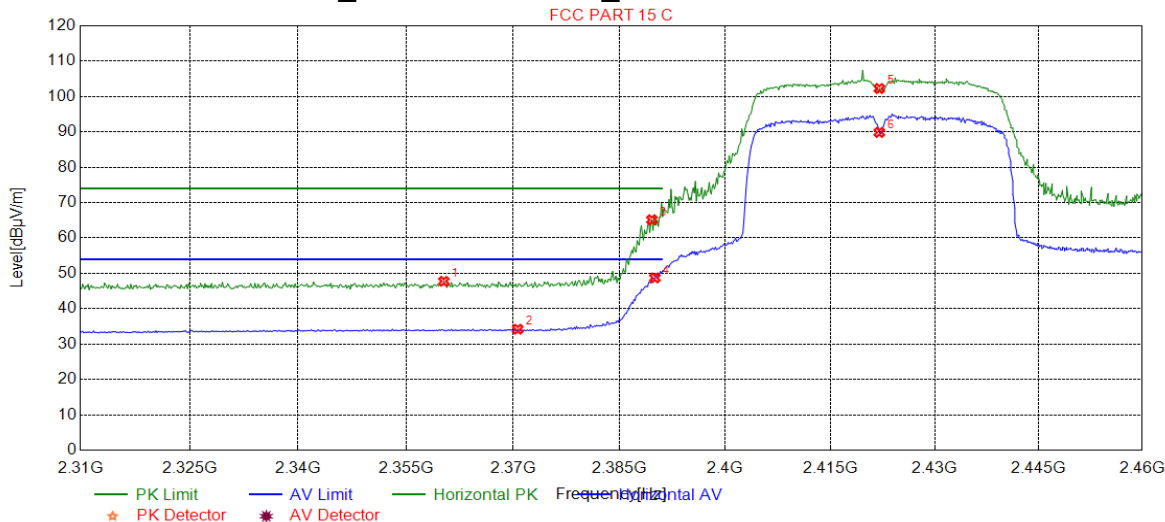
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4.10.1.15 802.11N40_Lowest Channel_Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2360.3003	47.75	7.80	74.00	26.25	150	307	Horizontal
2	2370.6607	34.22	7.79	54.00	19.78	150	262	Horizontal
3	2389.5796	65.16	7.77	74.00	8.84	150	336	Horizontal
4	2390.0000	48.73	7.77	54.00	5.27	150	336	Horizontal
5	2422.0000	102.27	7.85	0.00	-102.27	150	336	Horizontal
6	2422.0000	89.85	7.85	0.00	-89.85	150	336	Horizontal



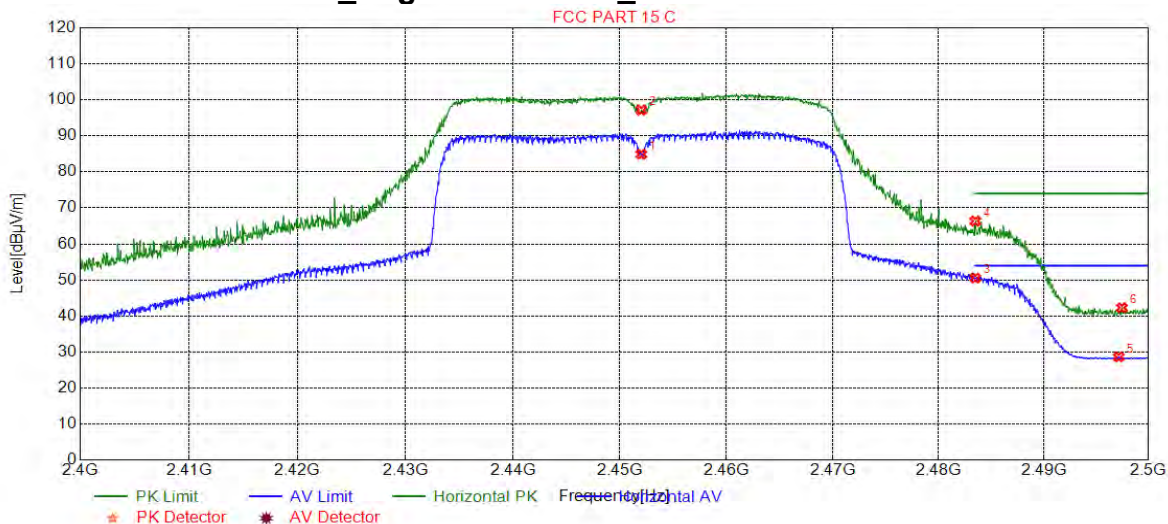
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4.10.1.16 802.11N40_ Highest Channel_ Horizontal



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	84.89	7.97	0.00	-84.89	150	336	Horizontal
2	2452.0000	97.15	7.97	0.00	-97.15	150	330	Horizontal
3	2483.5000	50.53	8.01	54.00	3.47	150	330	Horizontal
4	2483.5000	66.35	8.01	74.00	7.65	150	330	Horizontal
5	2497.1486	28.64	8.03	54.00	25.36	150	330	Horizontal
6	2497.4487	42.27	8.03	74.00	31.73	150	180	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	$\pm 0.75\text{dB}$
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	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	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	2020/2/11	2021/2/10
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2020/3/22	2021/3/21
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	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	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	2020/3/22	2021/3/21
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	2020/3/22	2021/3/21
Band filter	N/A	N/A	SEM023-01	N/A	N/A
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	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	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	2020/3/22	2021/3/21

7 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of Set-Up for ZR/2020/20031.

The End



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