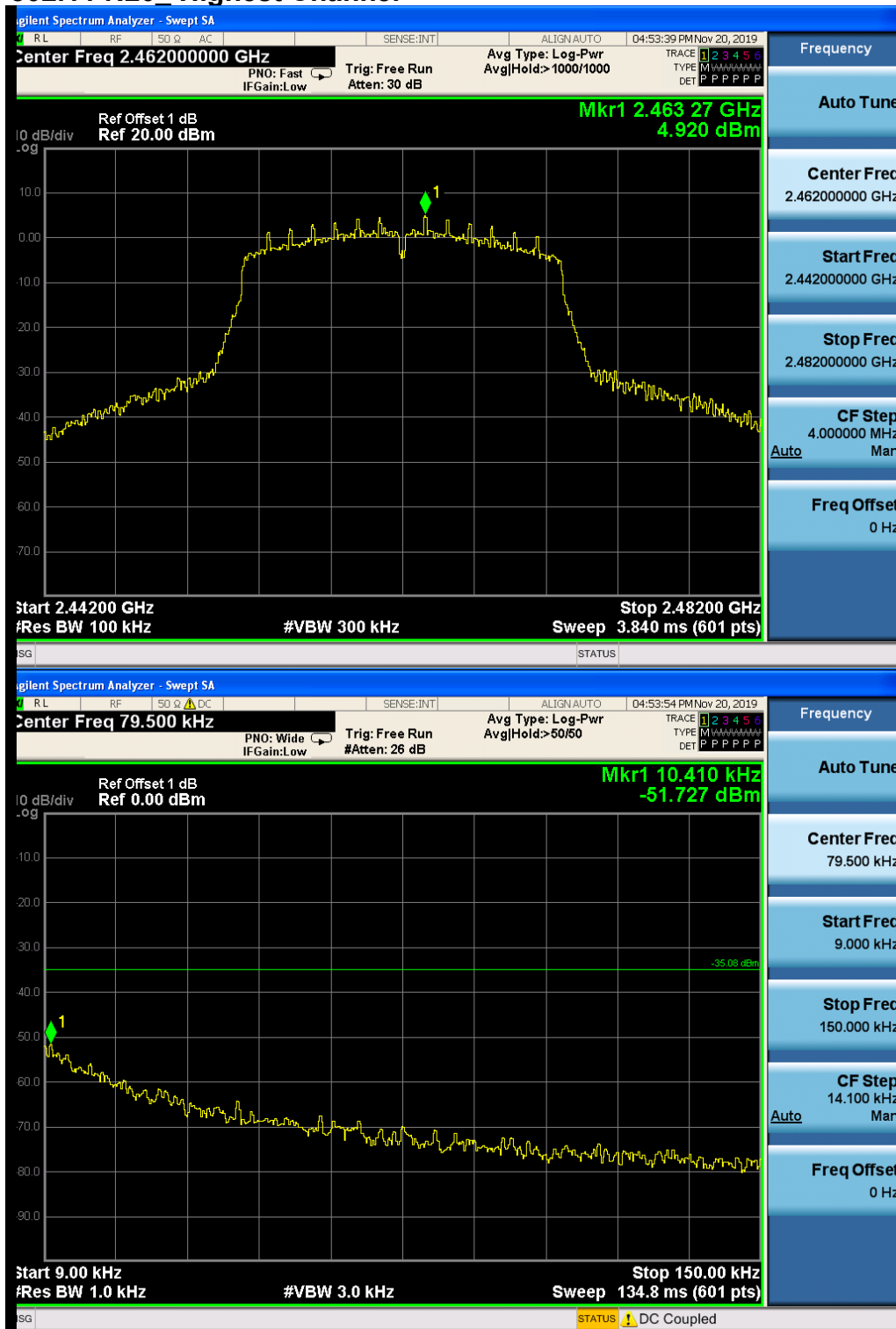
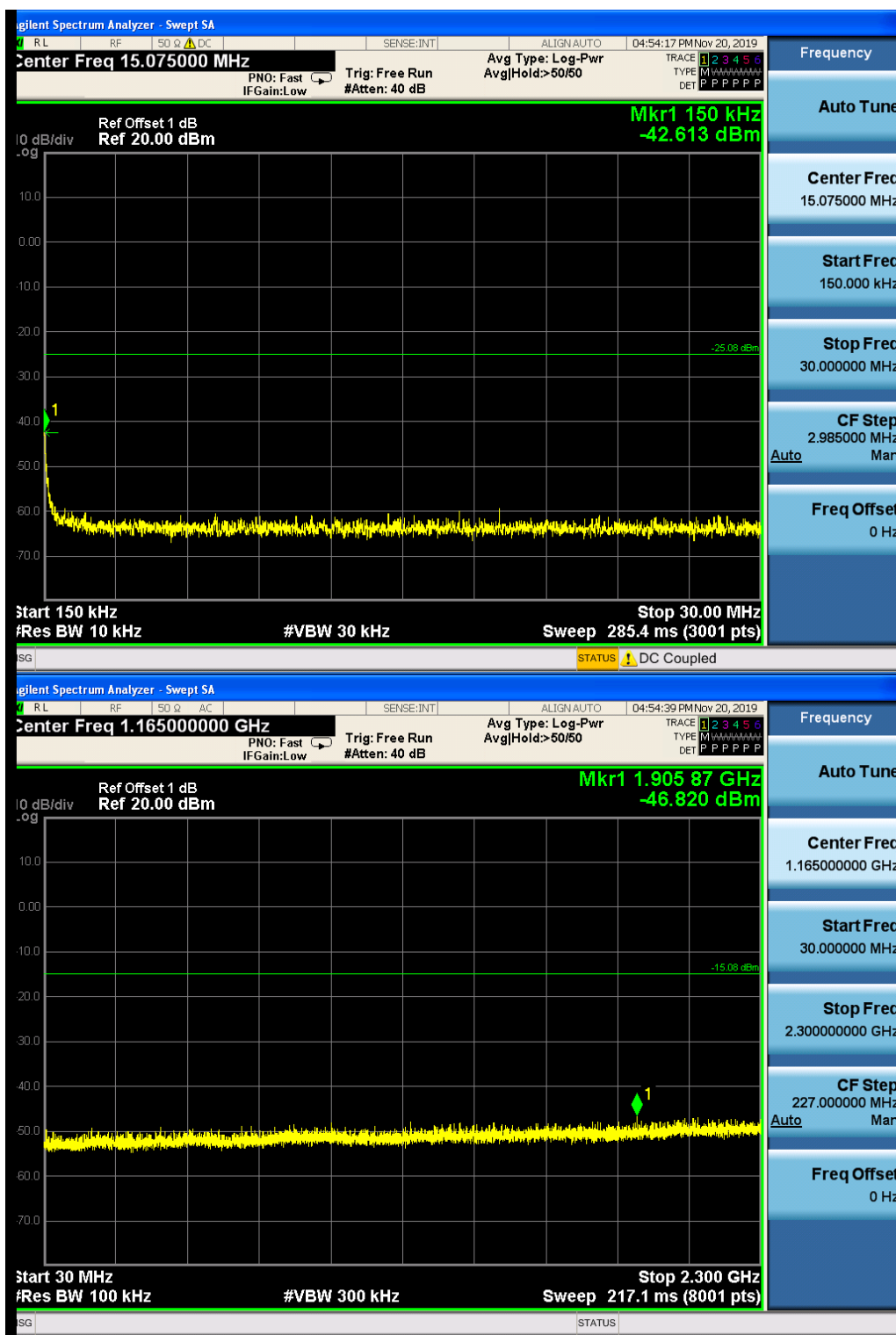
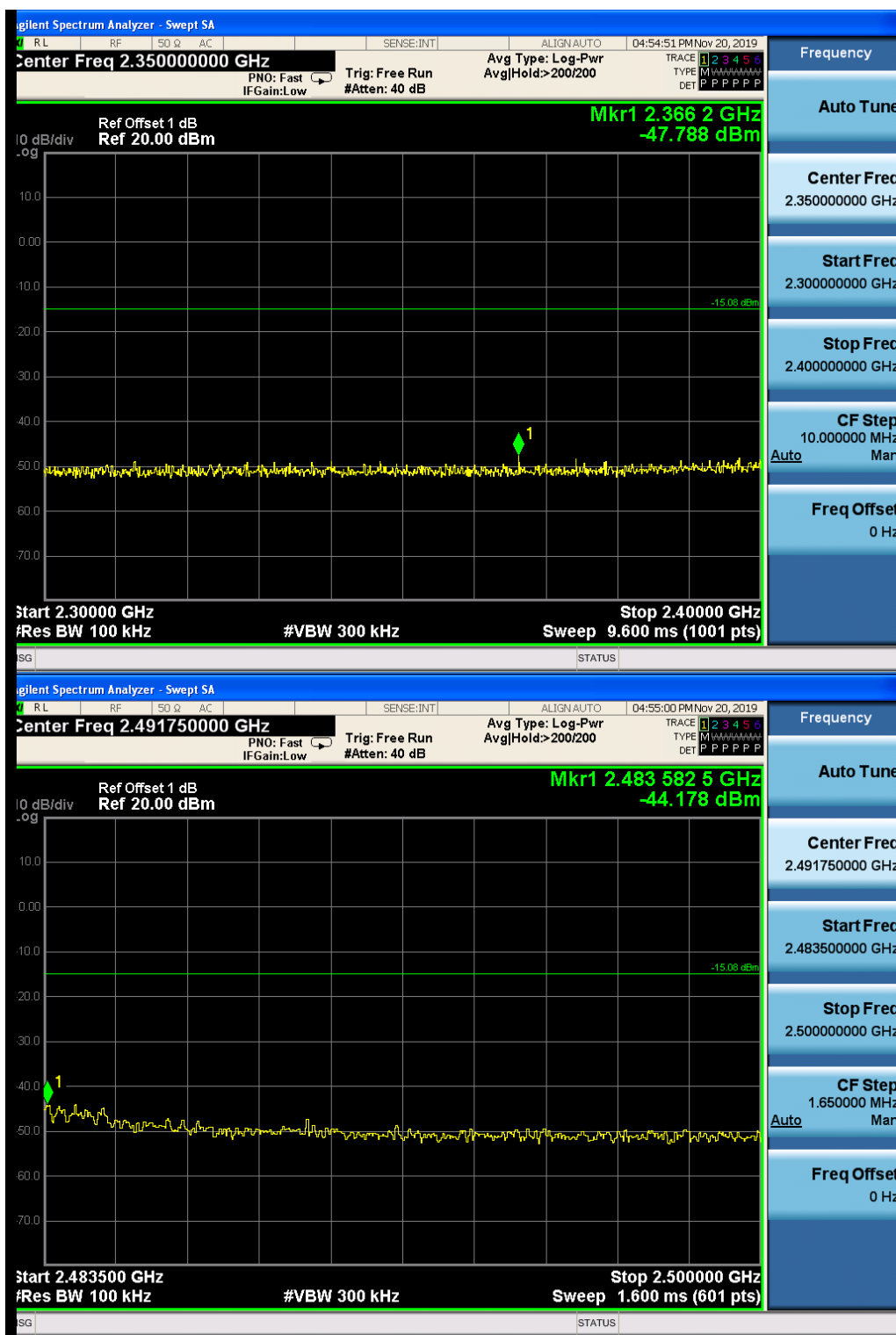




4.8.1.1.9 802.11 N20_ Highest Channel

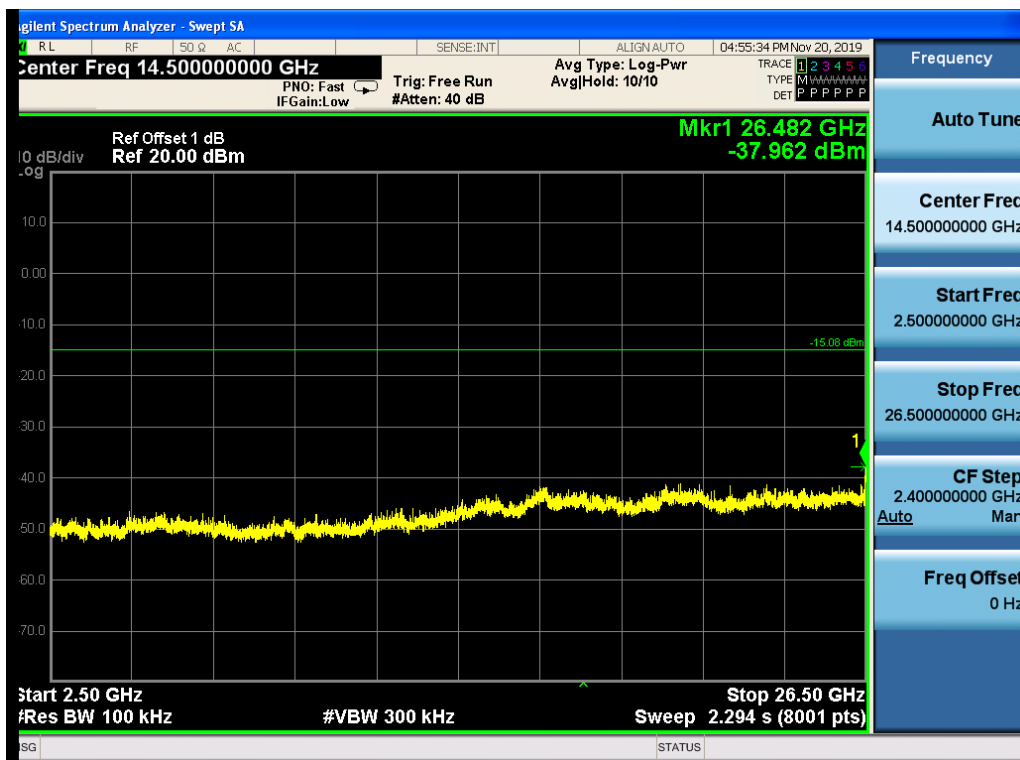




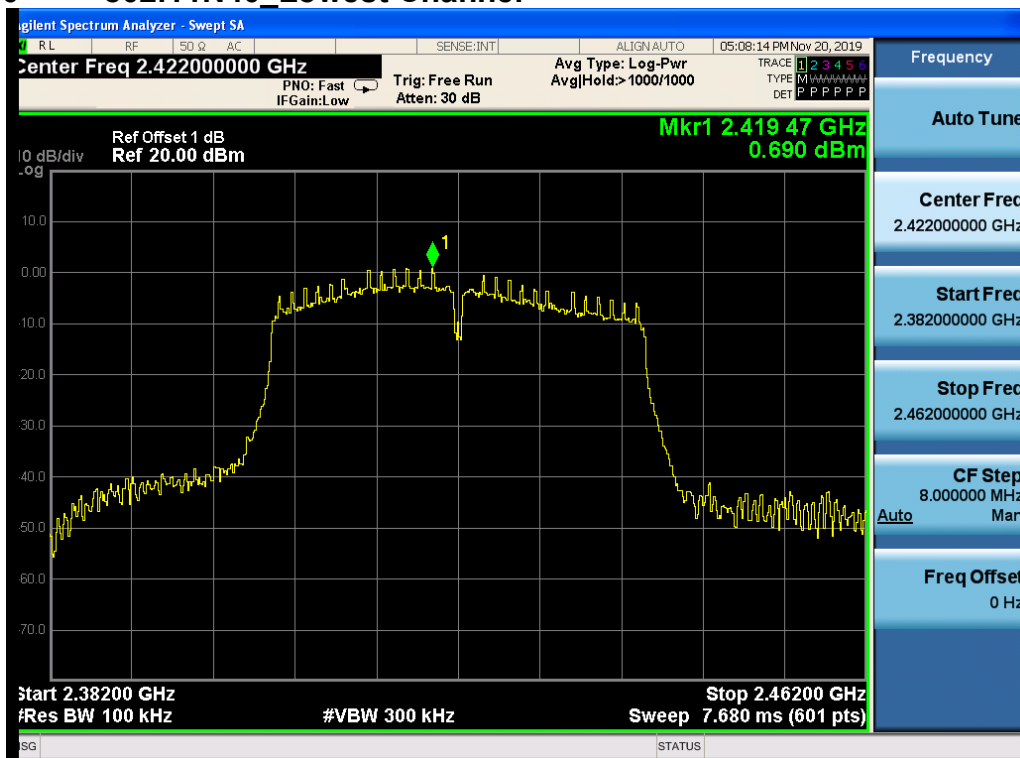


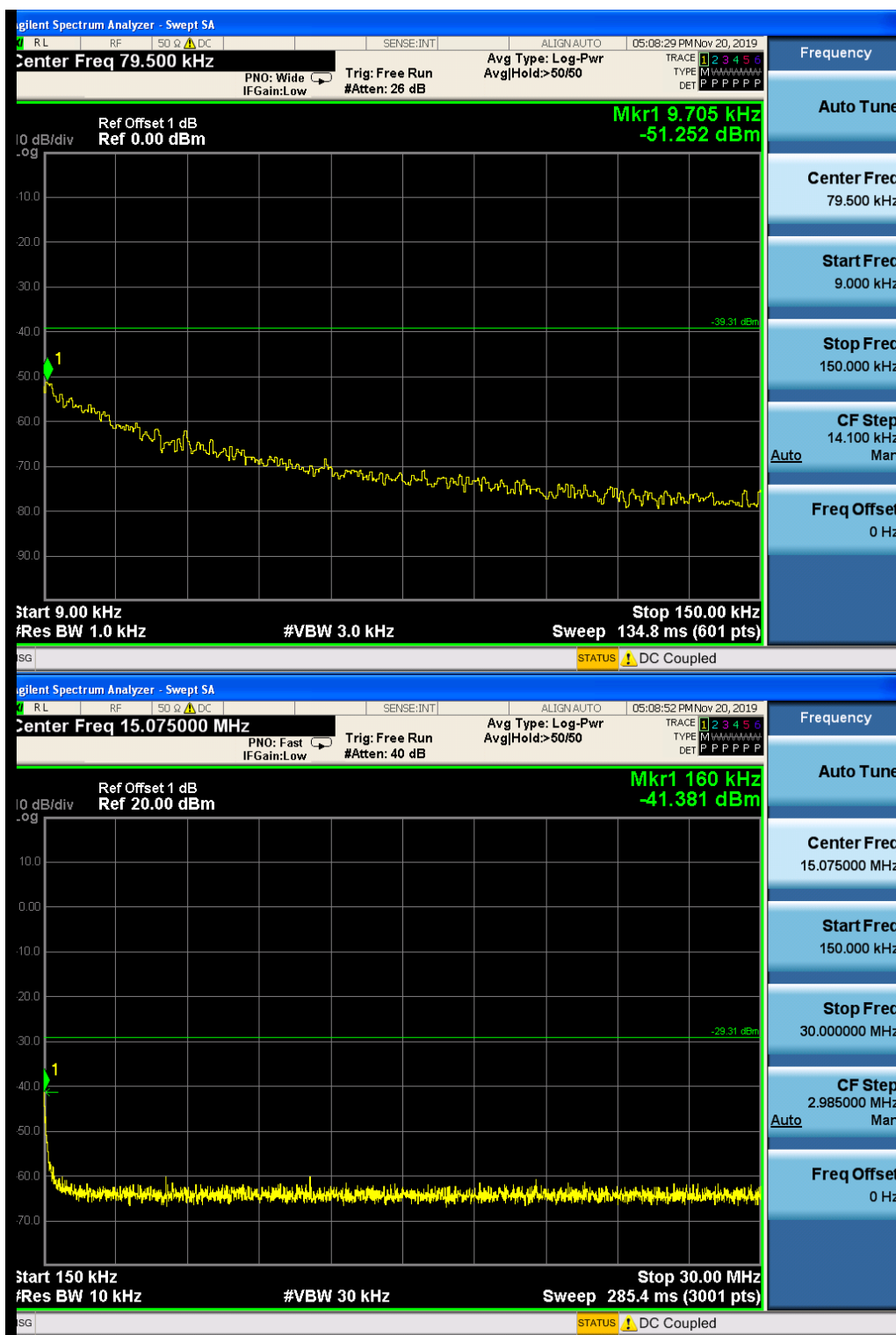
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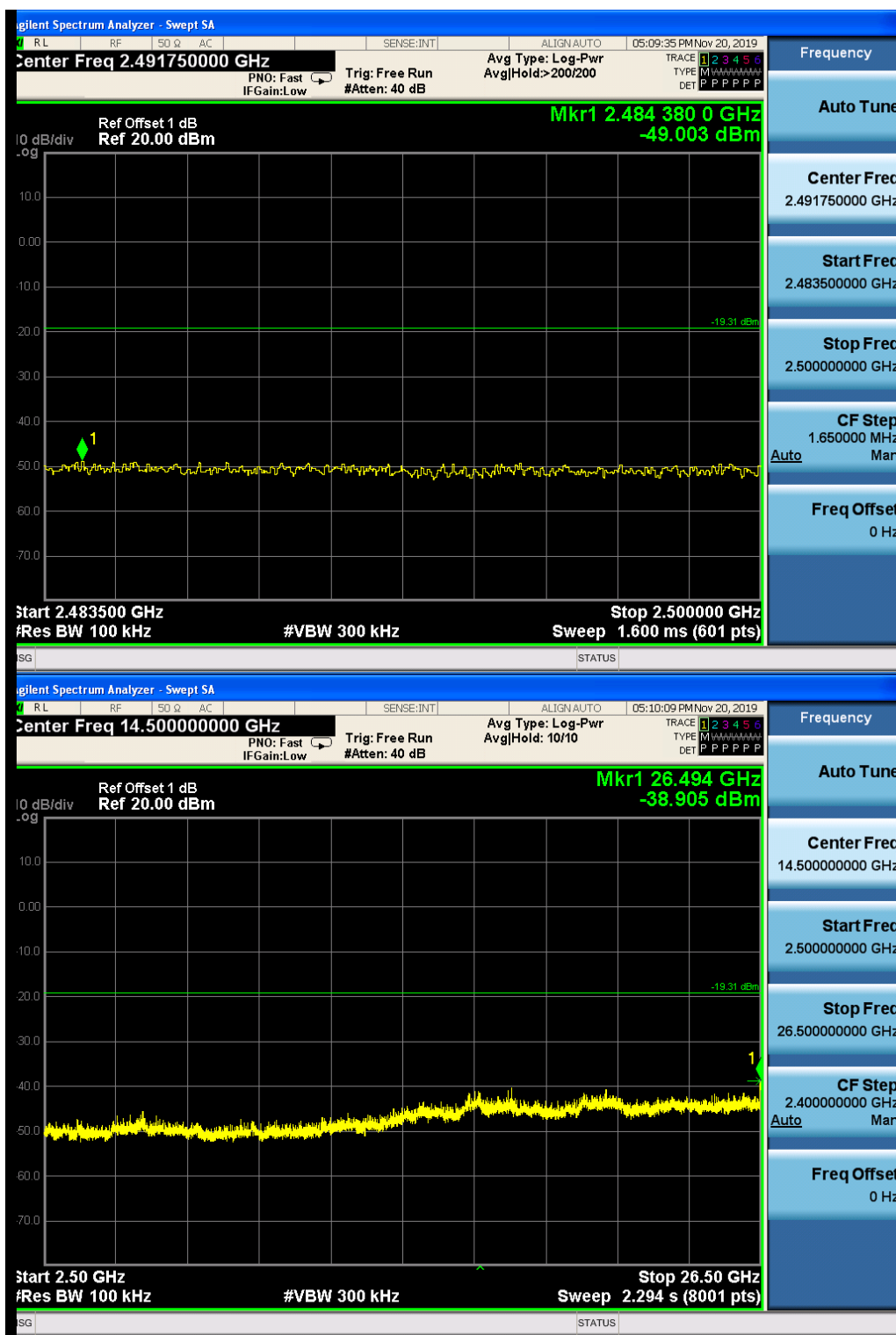


4.8.1.1.10 802.11N40_Lowest Channel









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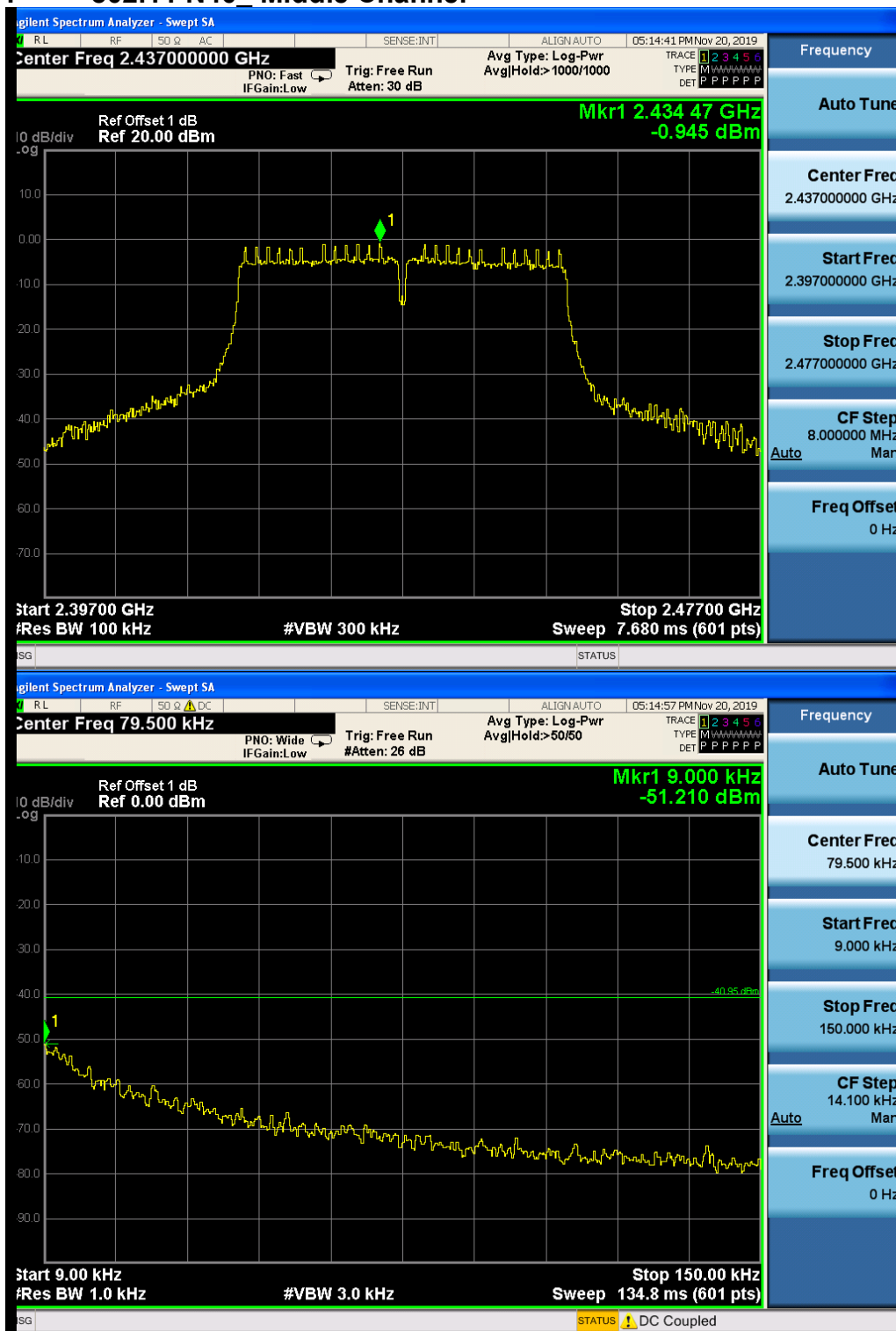
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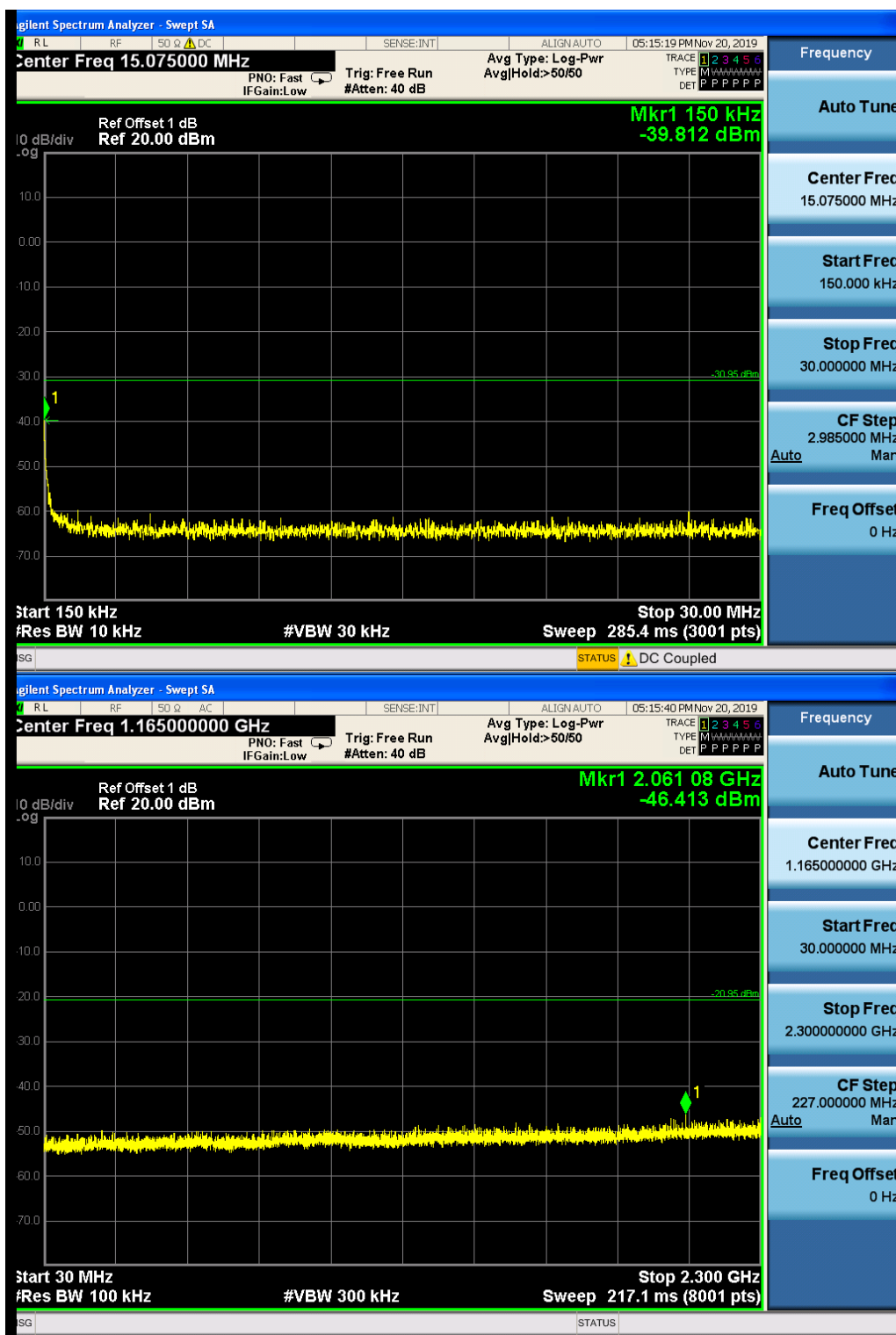
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 Shenzhen Branch (M-10) Science & Technology Park, Shenzhen, China

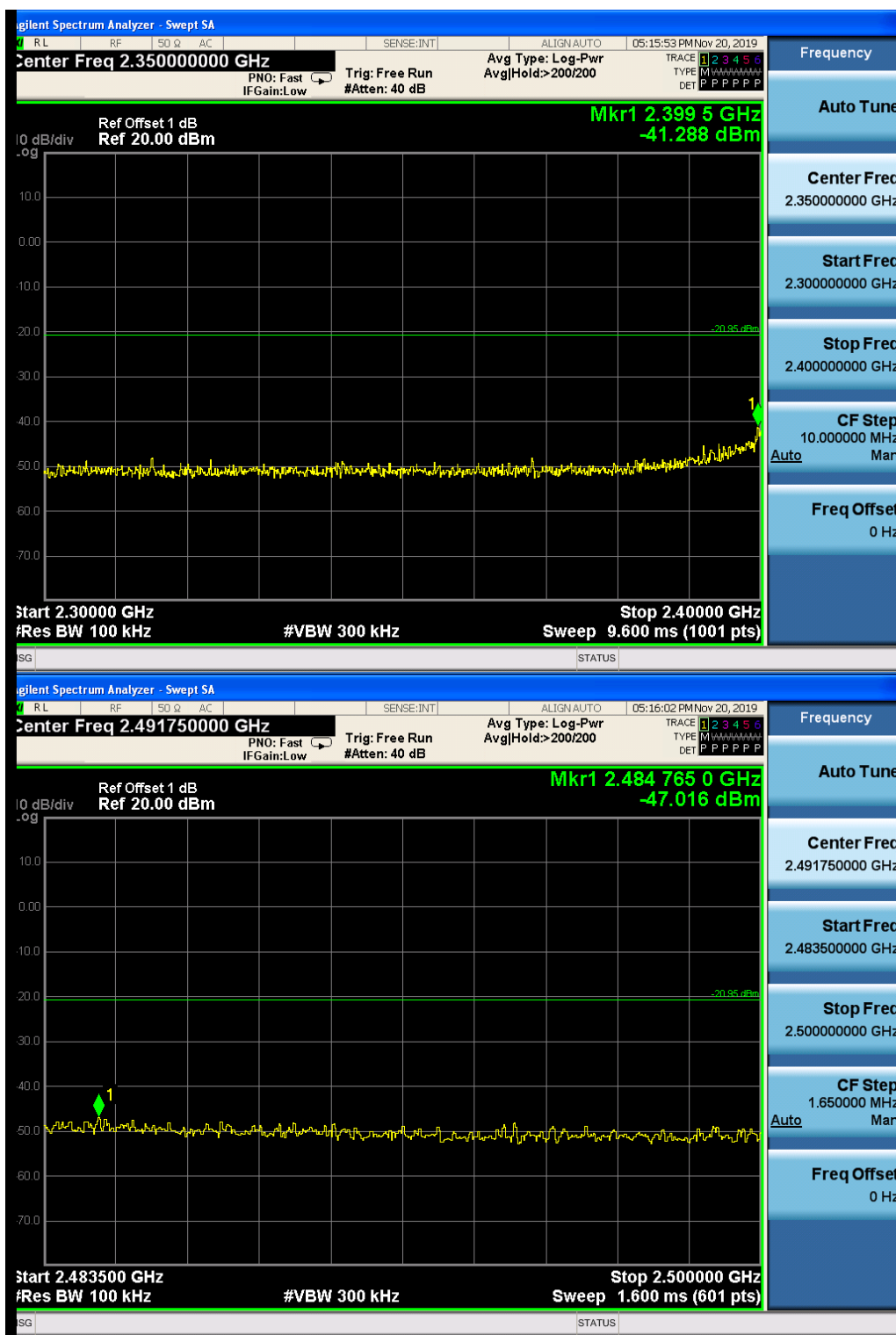
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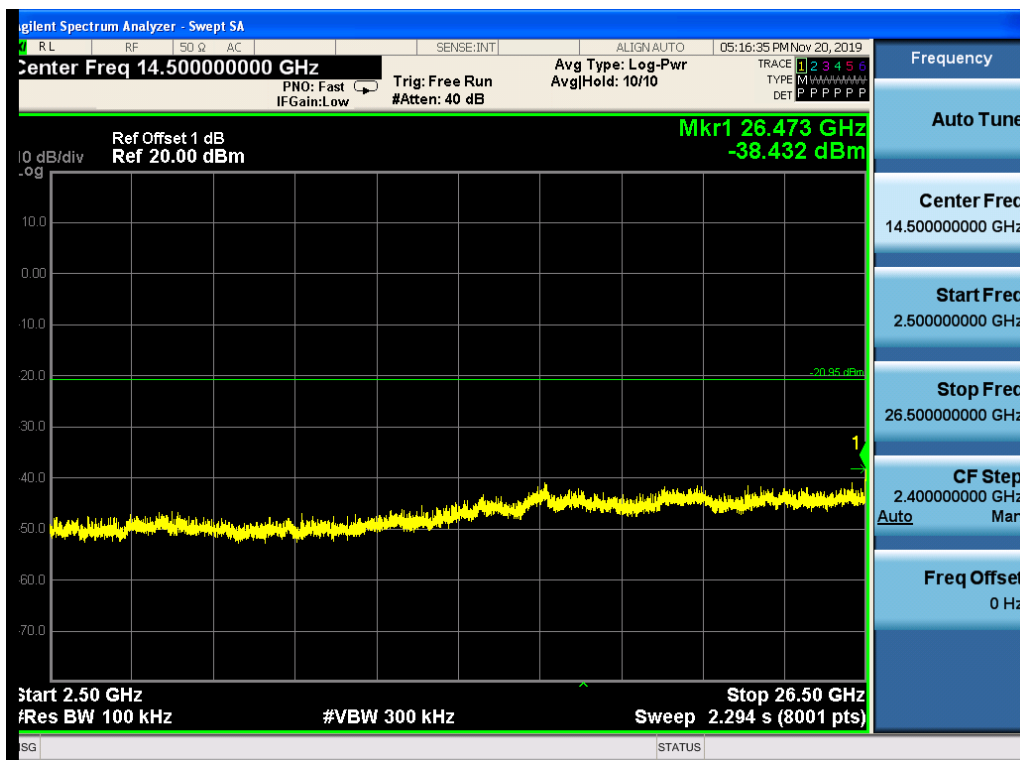


4.8.1.1.11 802.11 N40_ Middle Channel

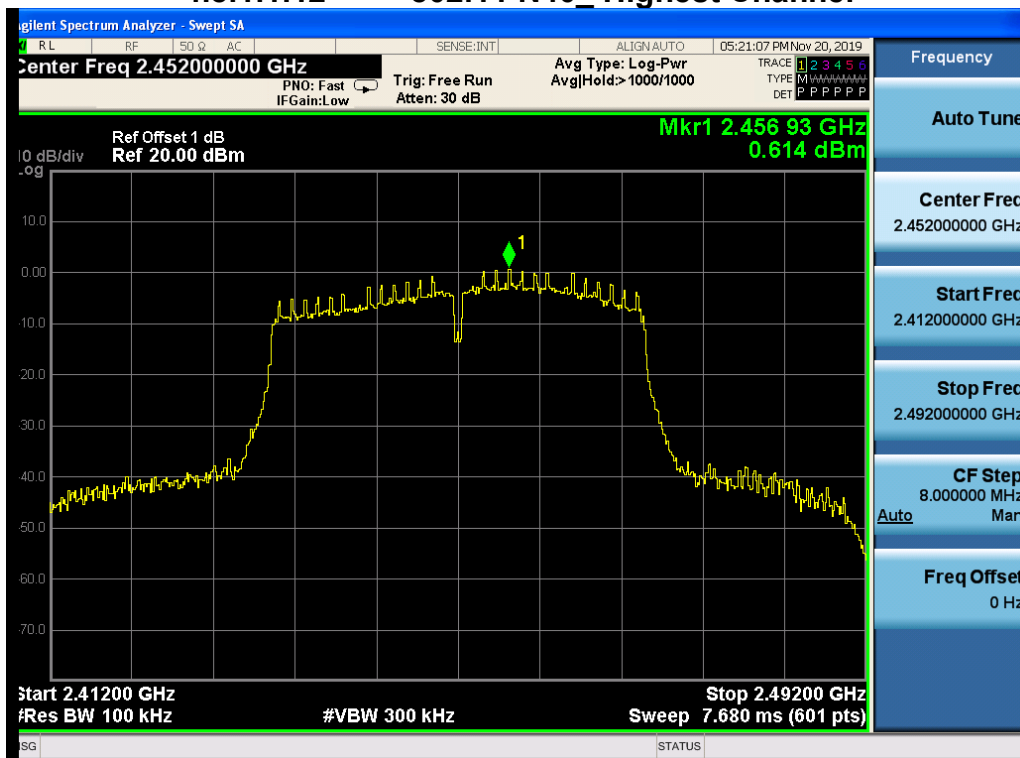


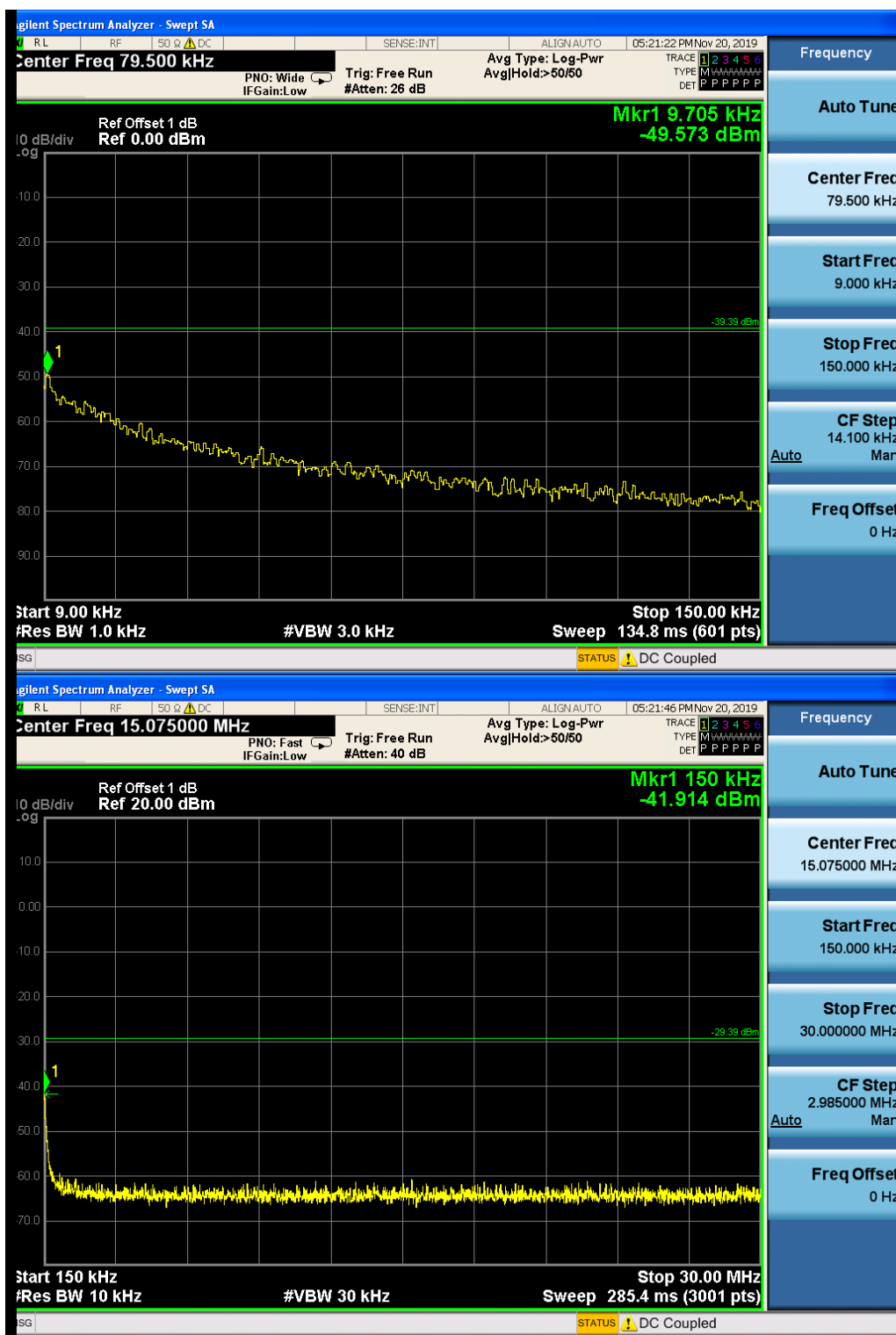


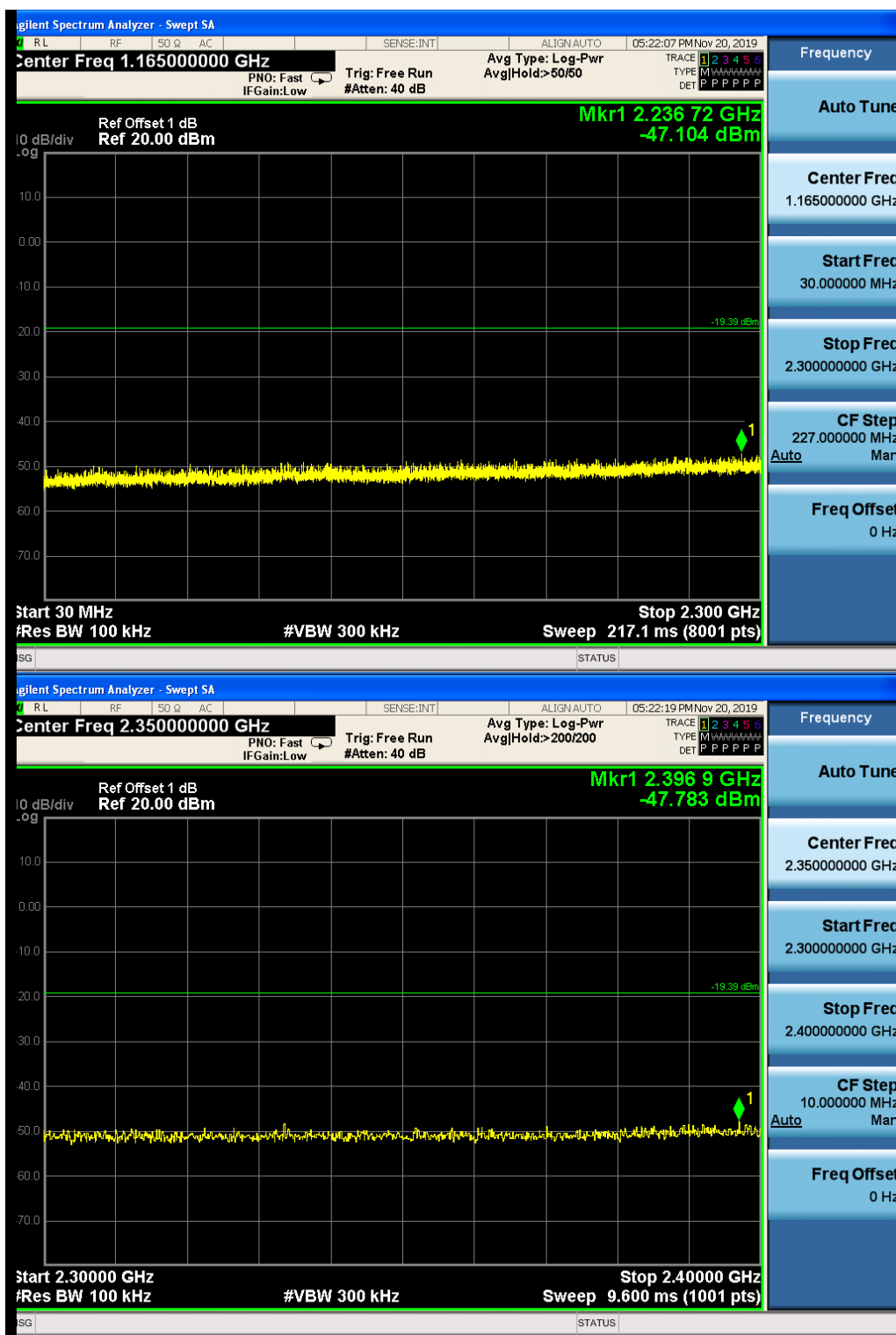


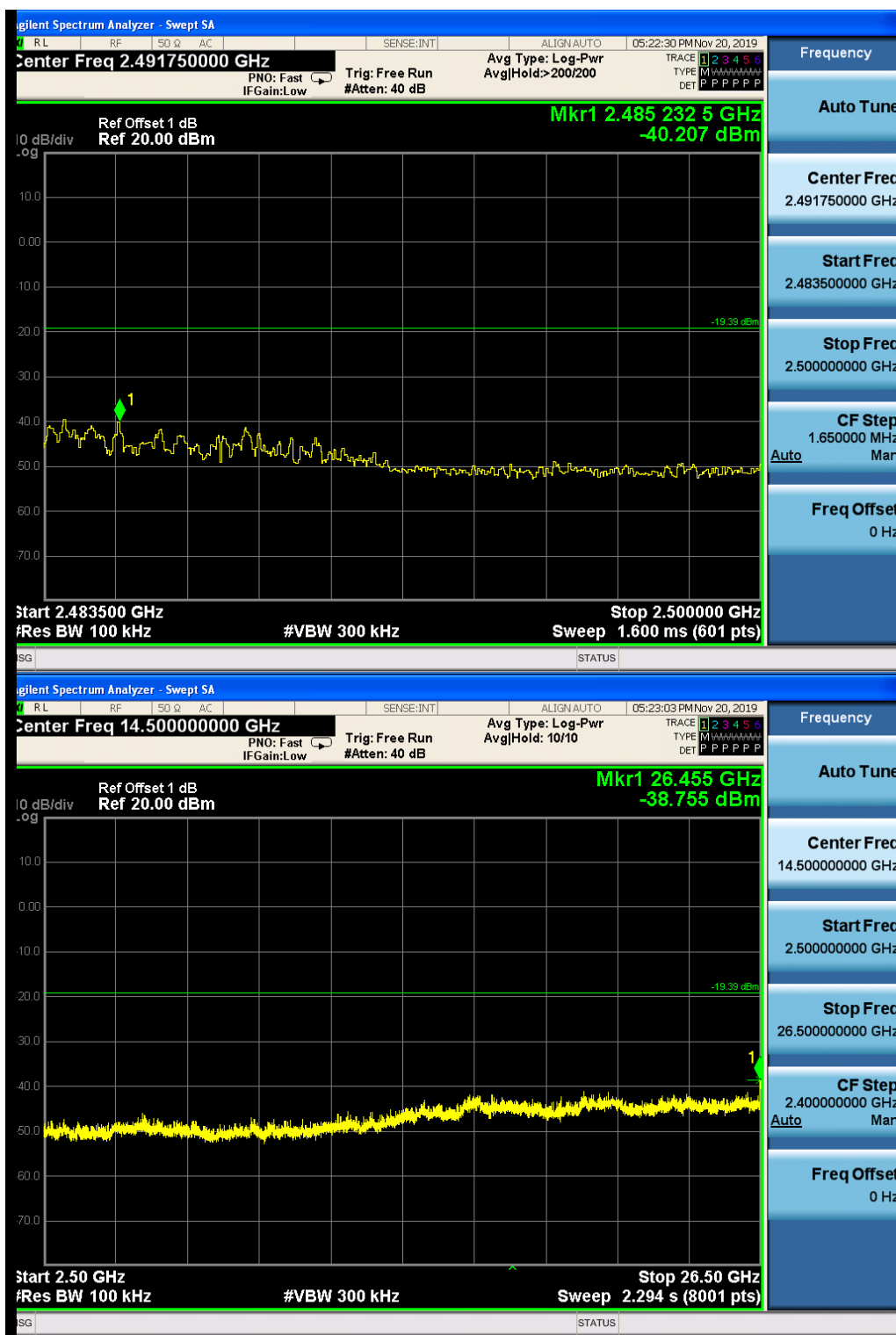


4.8.1.1.12 802.11 N40_Highest Channel









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.



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4.9 Radiated Spurious Emissions

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

Test Setup:	
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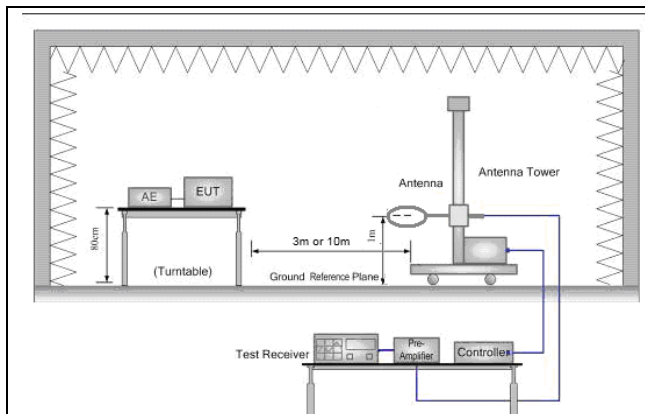


Figure 1. Below 30MHz

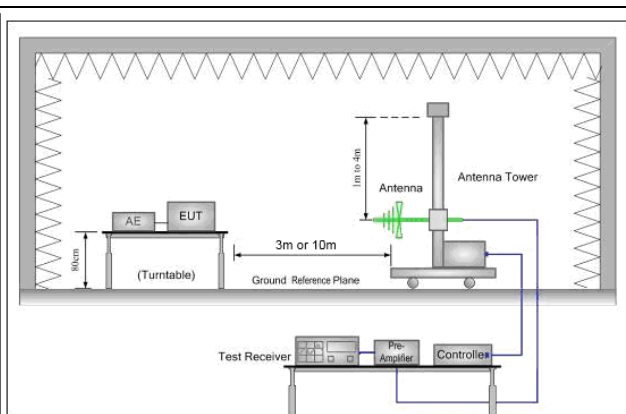


Figure 2. 30MHz to 1GHz

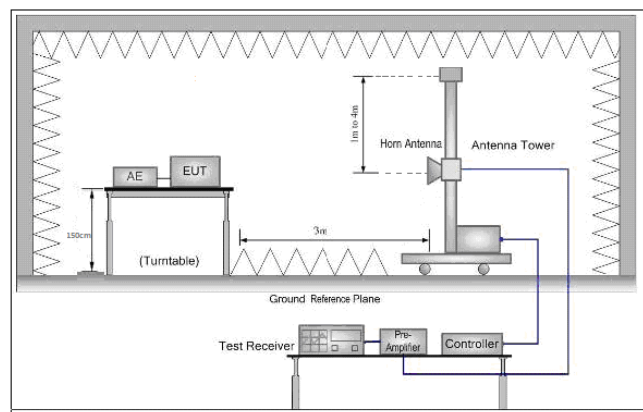


Figure 3. Above 1 GHz

Test Procedure:

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the 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





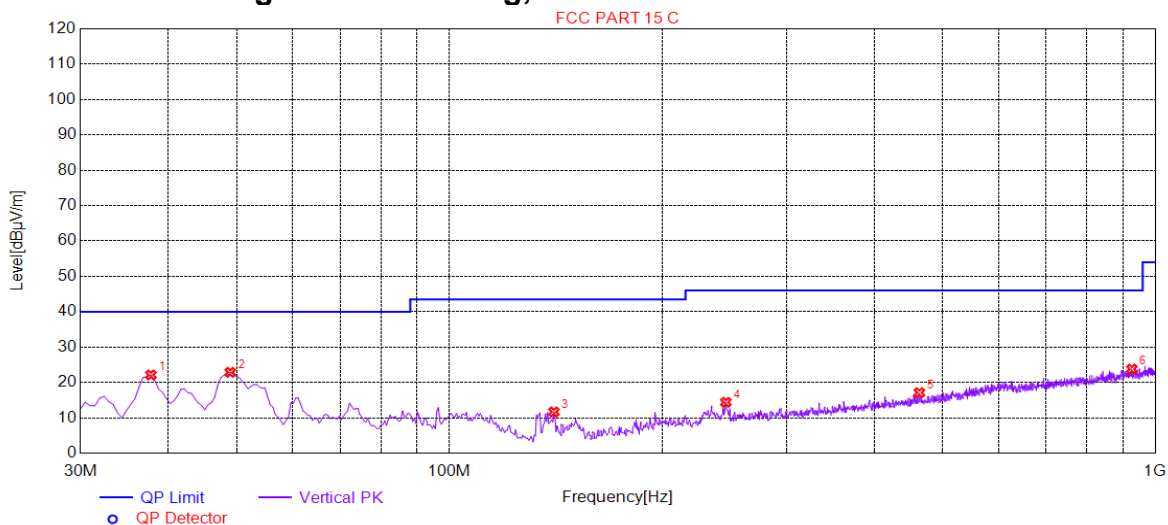
	re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. h. Test the EUT in the lowest channel, the middle channel ,the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis 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) 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





4.9.1 Radiated emission below 1GHz

4.9.1.1 Charge + Transmitting, Vertical

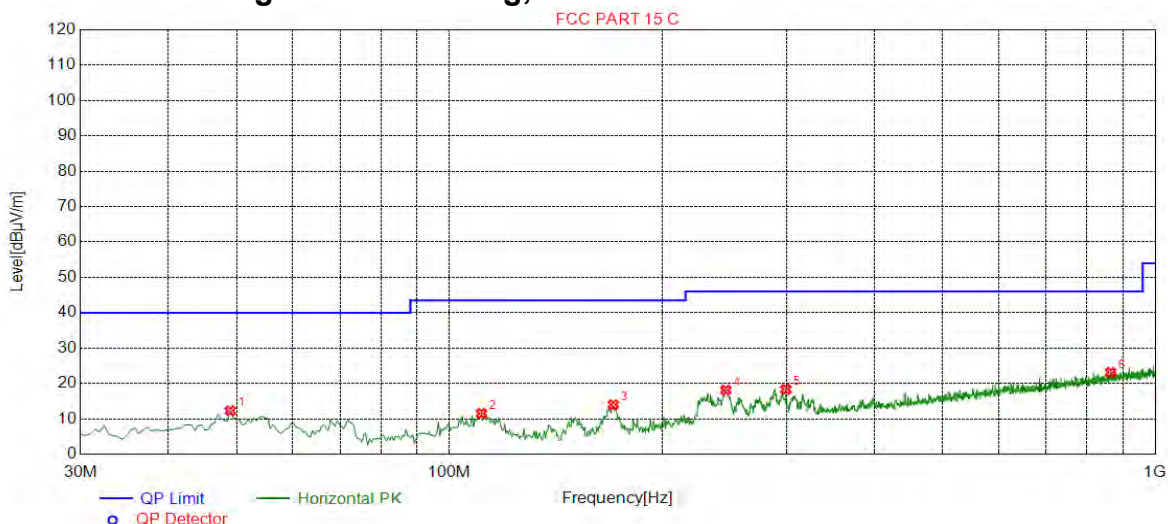


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.7639	22.13	-31.88	40.00	17.87	100	341	Vertical
2	48.9245	22.87	-30.19	40.00	17.13	100	320	Vertical
3	140.6353	11.67	-35.18	43.50	31.83	100	71	Vertical
4	246.4182	14.40	-29.38	46.00	31.60	100	210	Vertical
5	463.3217	17.11	-23.55	46.00	28.89	100	291	Vertical
6	926.7284	23.78	-14.82	46.00	22.22	100	109	Vertical



4.9.1.2 Charge + Transmitting, Horizontal



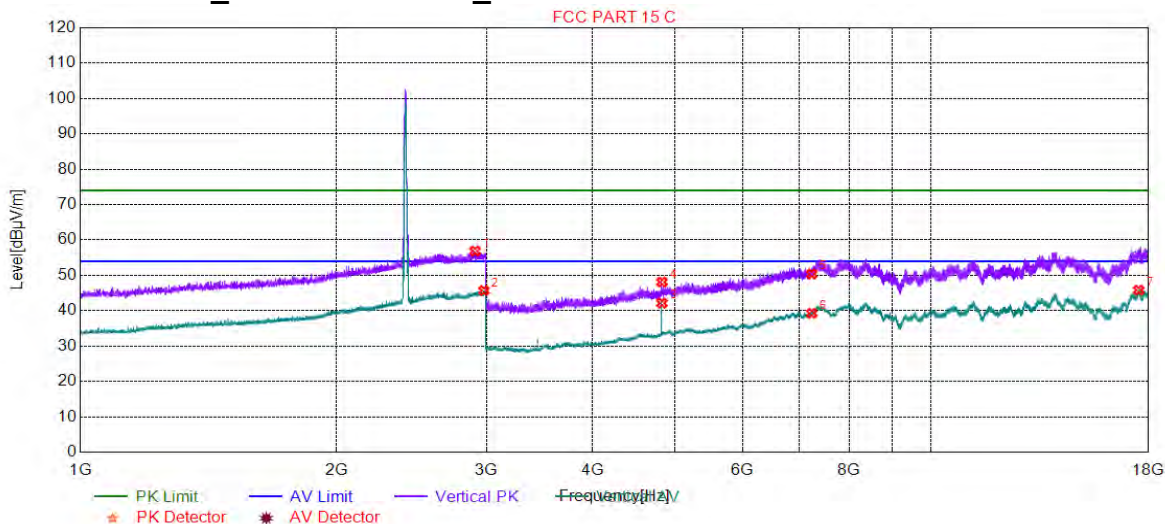
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	48.9245	12.27	-30.19	40.00	27.73	100	108	Horizontal
2	111.0355	11.53	-31.85	43.50	31.97	100	105	Horizontal
3	170.7204	13.97	-33.56	43.50	29.53	100	205	Horizontal
4	246.4182	18.11	-29.38	46.00	27.89	100	286	Horizontal
5	299.7949	18.33	-27.87	46.00	27.67	100	22	Horizontal
6	865.1026	23.12	-15.80	46.00	22.88	100	102	Horizontal



4.9.2 Transmitter emission above 1GHz

4.9.2.1 ANT1

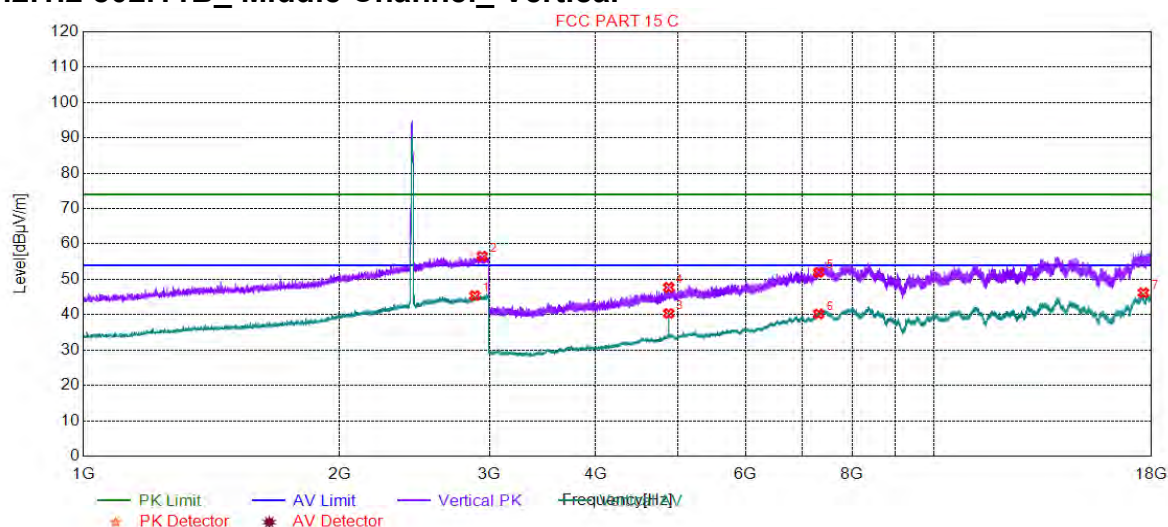
4.9.2.1.1 802.11B_Lowest Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2908.9772	56.90	11.41	74.00	17.10	150	301	Vertical
2	2979.9950	45.70	11.37	54.00	8.30	150	273	Vertical
3	4824.0000	42.16	-14.90	54.00	11.84	150	18	Vertical
4	4824.0000	48.13	-14.90	74.00	25.87	150	18	Vertical
5	7236.0000	50.41	-6.82	74.00	23.59	150	45	Vertical
6	7236.0000	39.27	-6.82	54.00	14.73	150	126	Vertical
7	17526.9763	45.82	0.70	54.00	8.18	150	0	Vertical



4.9.2.1.2 802.11B_ Middle Channel_ Vertical

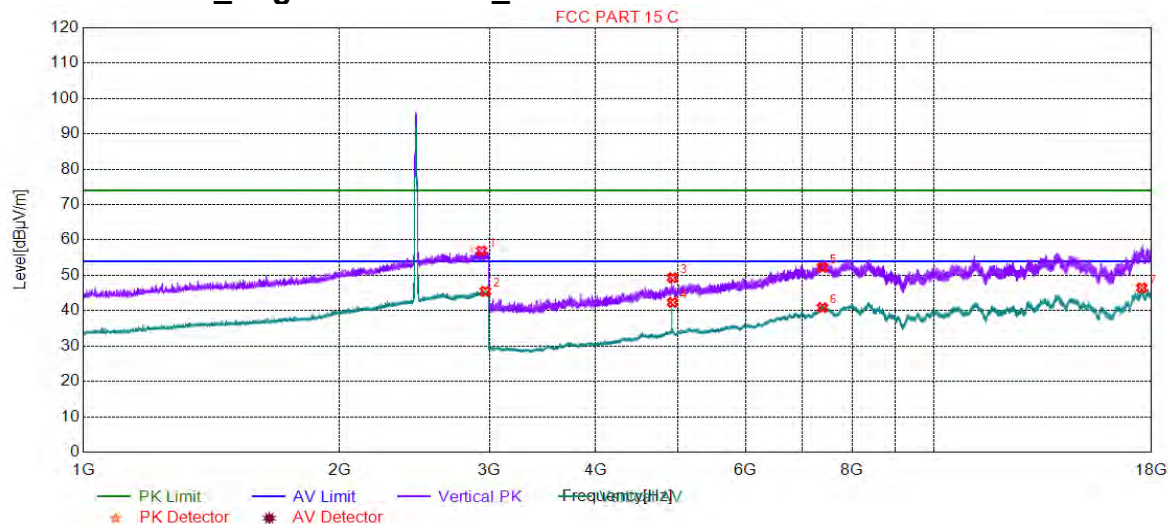


Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2883.9710	45.39	11.29	54.00	8.61	150	91	Vertical
2	2940.9852	56.54	11.39	74.00	17.46	150	273	Vertical
3	4874.0000	40.36	-14.68	54.00	13.64	150	209	Vertical
4	4874.0000	47.73	-14.68	74.00	26.27	150	360	Vertical
5	7311.0000	51.96	-6.24	74.00	22.04	150	209	Vertical
6	7311.0000	40.22	-6.24	54.00	13.78	150	127	Vertical
7	17605.9803	46.20	1.47	54.00	7.80	150	242	Vertical





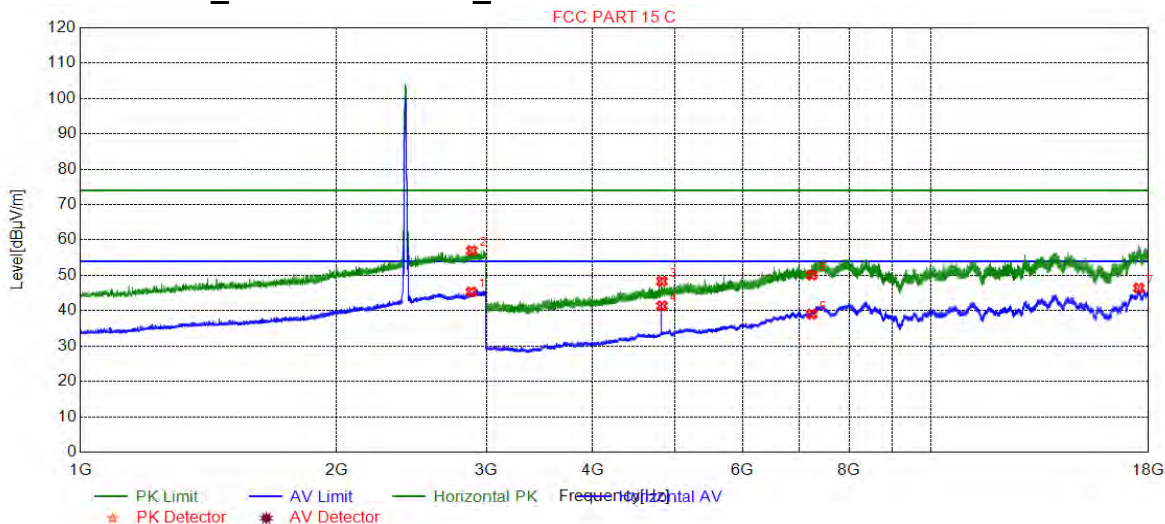
4.9.2.1.3 802.11B_ Highest Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2935.4839	56.96	11.39	74.00	17.04	150	248	Vertical
2	2967.4919	45.48	11.38	54.00	8.52	150	275	Vertical
3	4924.0000	49.32	-14.43	74.00	24.68	150	100	Vertical
4	4924.0000	42.34	-14.43	54.00	11.66	150	209	Vertical
5	7386.0000	52.20	-5.71	74.00	21.80	150	100	Vertical
6	7386.0000	40.87	-5.71	54.00	13.13	150	72	Vertical
7	17528.4764	46.47	0.71	54.00	7.53	150	142	Vertical



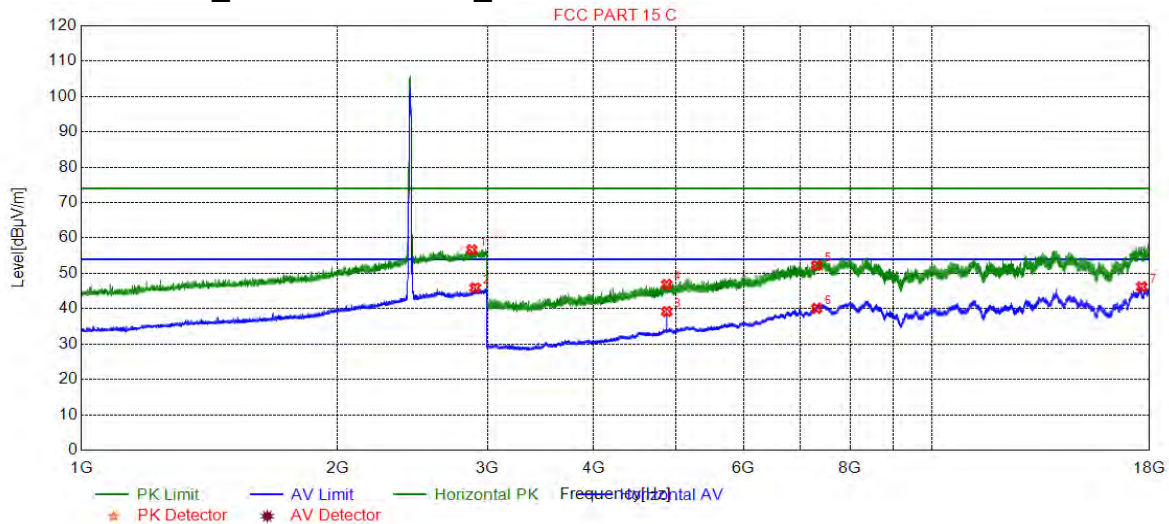
4.9.2.1.4 802.11B_Lowest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2880.4701	45.32	11.26	54.00	8.68	150	18	Horizontal
2	2883.9710	57.00	11.29	74.00	17.00	150	209	Horizontal
3	4824.0000	48.33	-14.90	74.00	25.67	150	235	Horizontal
4	4824.0000	41.36	-14.90	54.00	12.64	150	208	Horizontal
5	7236.0000	50.08	-6.82	74.00	23.92	150	344	Horizontal
6	7236.0000	39.05	-6.82	54.00	14.95	150	18	Horizontal
7	17528.4764	46.37	0.71	54.00	7.63	150	0	Horizontal



4.9.2.1.5 802.11B_ Middle Channel_ Horizontal

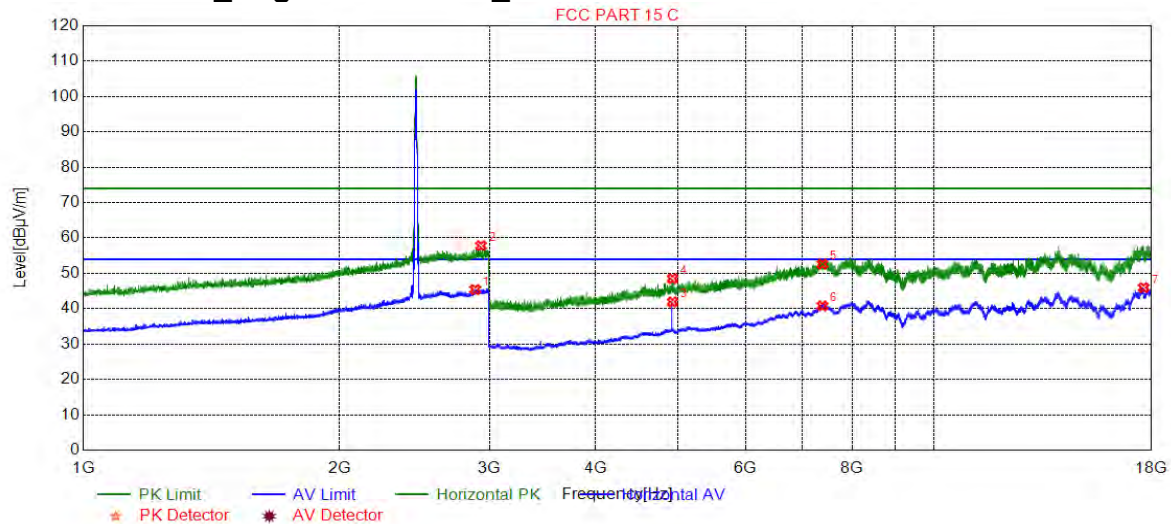


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2875.9690	56.67	11.22	74.00	17.33	150	168	Horizontal
2	2902.9757	45.91	11.41	54.00	8.09	150	87	Horizontal
3	4874.0000	39.20	-14.68	54.00	14.80	150	209	Horizontal
4	4874.0000	46.87	-14.68	74.00	27.13	150	46	Horizontal
5	7311.0000	52.23	-6.24	74.00	21.77	150	181	Horizontal
6	7311.0000	40.10	-6.24	54.00	13.90	150	318	Horizontal
7	17620.9810	46.20	1.08	54.00	7.80	150	42	Horizontal

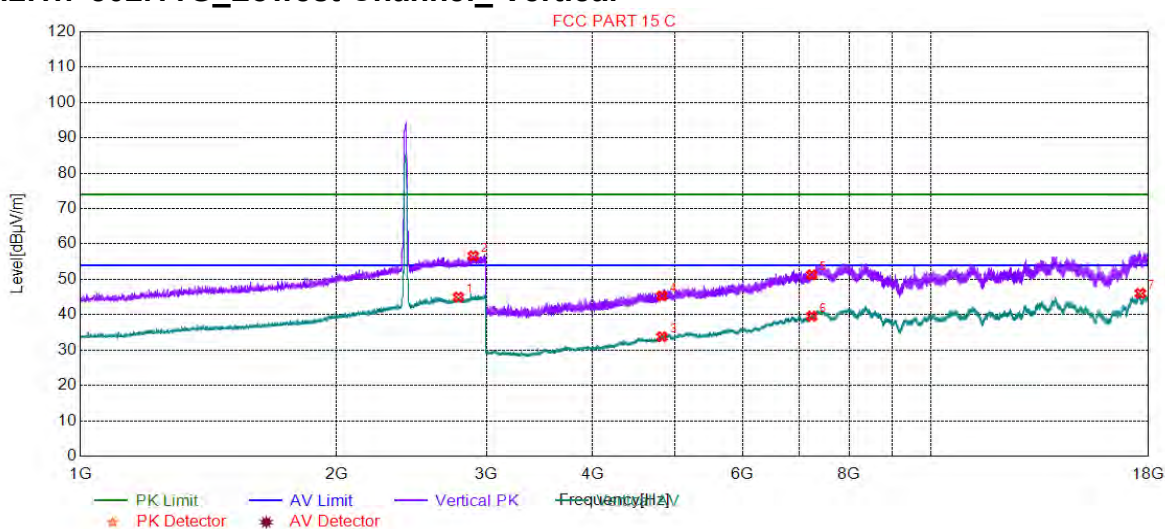


4.9.2.1.6 802.11B_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2886.9717	45.43	11.31	54.00	8.57	150	44	Horizontal
2	2932.4831	57.80	11.39	74.00	16.20	150	277	Horizontal
3	4924.0000	41.91	-14.43	54.00	12.09	150	210	Horizontal
4	4924.0000	48.49	-14.43	74.00	25.51	150	237	Horizontal
5	7386.0000	52.62	-5.71	74.00	21.38	150	45	Horizontal
6	7386.0000	40.79	-5.71	54.00	13.21	150	265	Horizontal
7	17613.4807	45.97	1.28	54.00	8.03	150	292	Horizontal

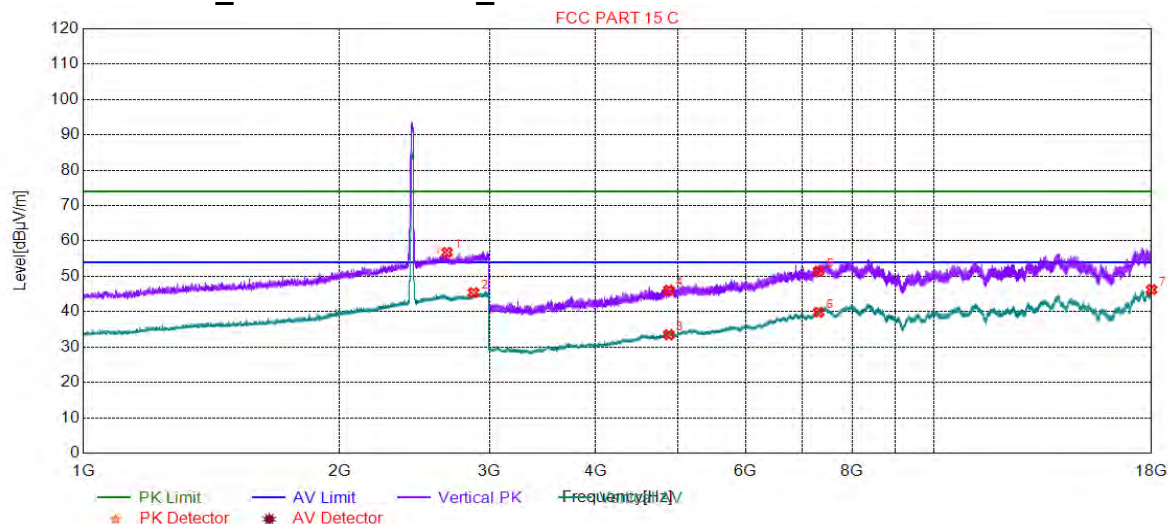
4.9.2.1.7 802.11G_Lowest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2781.4454	44.98	10.53	54.00	9.02	150	149	Vertical
2	2895.4739	56.65	11.38	74.00	17.35	150	108	Vertical
3	4824.0000	33.77	-14.90	54.00	20.23	150	360	Vertical
4	4824.0000	45.30	-14.90	74.00	28.70	150	46	Vertical
5	7236.0000	51.28	-6.82	74.00	22.72	150	347	Vertical
6	7236.0000	39.58	-6.82	54.00	14.42	150	210	Vertical
7	17602.4801	46.05	1.57	54.00	7.95	150	0	Vertical



4.9.2.1.8 802.11G_Middle Channel_Vertical

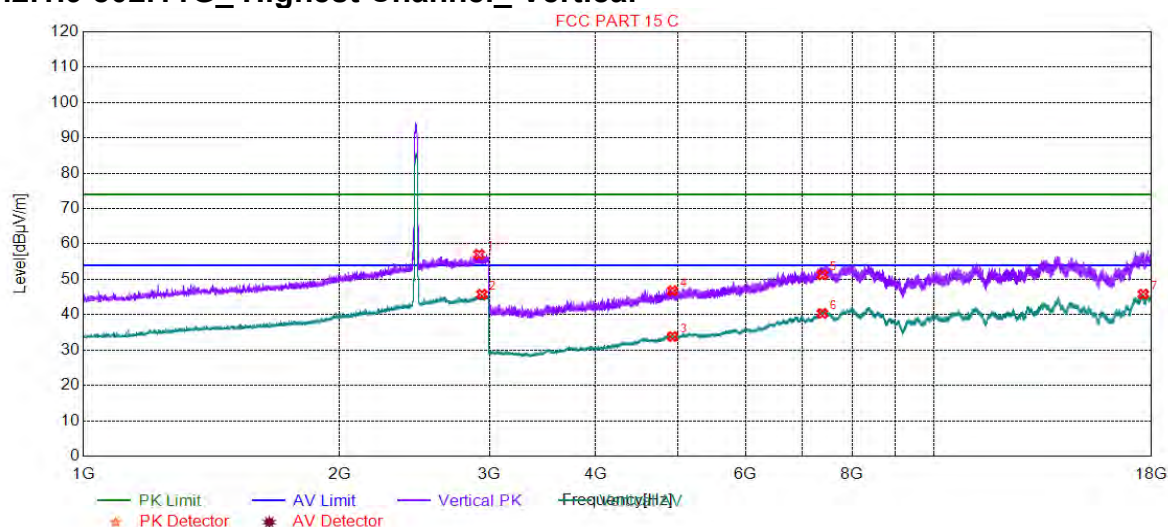


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2675.4189	56.79	10.14	74.00	17.21	150	178	Vertical
2	2873.9685	45.39	11.21	54.00	8.61	150	233	Vertical
3	4874.0000	33.49	-14.68	54.00	20.51	150	318	Vertical
4	4874.0000	46.10	-14.68	74.00	27.90	150	18	Vertical
5	7311.0000	51.46	-6.24	74.00	22.54	150	73	Vertical
6	7311.0000	39.85	-6.24	54.00	14.15	150	182	Vertical
7	17999.5000	46.25	-0.35	54.00	7.75	150	342	Vertical



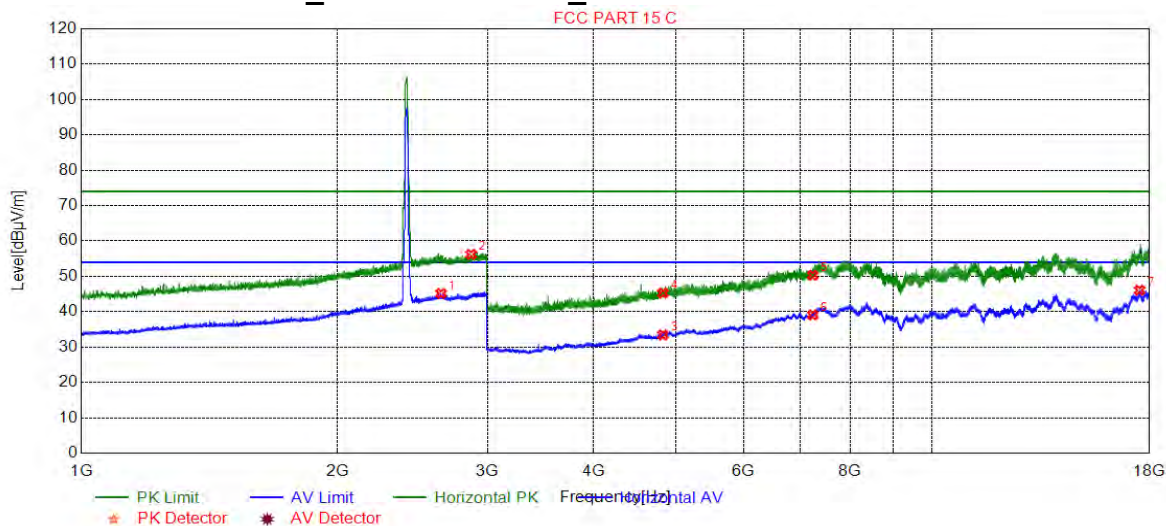
4.9.2.1.9 802.11G_Highest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2917.9795	57.06	11.40	74.00	16.94	150	342	Vertical
2	2939.4849	45.77	11.39	54.00	8.23	150	262	Vertical
3	4924.0000	33.83	-14.43	54.00	20.17	150	101	Vertical
4	4924.0000	46.79	-14.43	74.00	27.21	150	238	Vertical
5	7386.0000	51.28	-5.71	74.00	22.72	150	360	Vertical
6	7386.0000	40.37	-5.71	54.00	13.63	150	183	Vertical
7	17597.4799	45.80	1.60	54.00	8.20	150	41	Vertical



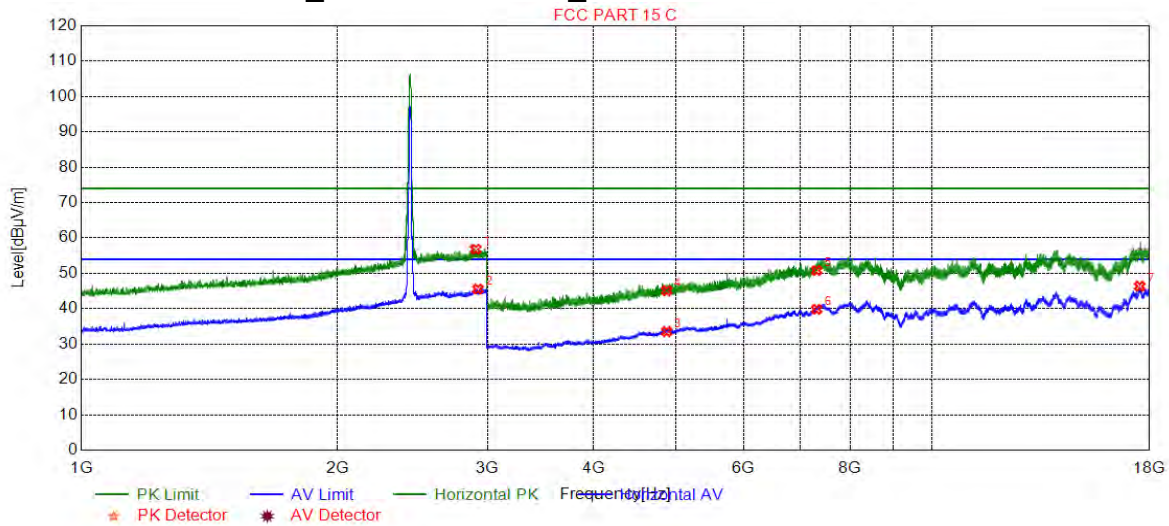
4.9.2.1.10 802.11G_Lowest Channel_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2646.9117	45.15	10.26	54.00	8.85	150	58	Horizontal
2	2870.4676	56.22	11.18	74.00	17.78	150	18	Horizontal
3	4824.0000	33.44	-14.90	54.00	20.56	150	360	Horizontal
4	4824.0000	45.25	-14.90	74.00	28.75	150	128	Horizontal
5	7236.0000	50.32	-6.82	74.00	23.68	150	155	Horizontal
6	7236.0000	39.09	-6.82	54.00	14.91	150	264	Horizontal
7	17520.9760	46.09	0.62	54.00	7.91	150	288	Horizontal



4.9.2.1.11 802.11G_ Middle Channel_ Horizontal

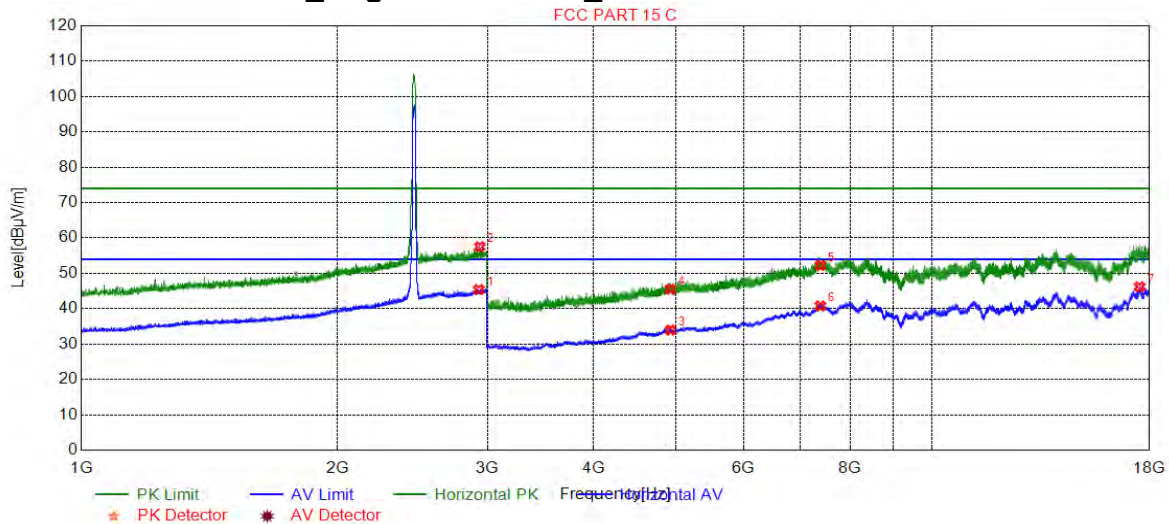


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2906.9767	56.83	11.41	74.00	17.17	150	319	Horizontal
2	2923.4809	45.55	11.40	54.00	8.45	150	360	Horizontal
3	4874.0000	33.52	-14.68	54.00	20.48	150	46	Horizontal
4	4874.0000	45.10	-14.68	74.00	28.90	150	102	Horizontal
5	7311.0000	50.79	-6.24	74.00	23.21	150	135	Horizontal
6	7311.0000	39.82	-6.24	54.00	14.18	150	254	Horizontal
7	17523.9762	46.34	0.66	54.00	7.66	150	142	Horizontal



4.9.2.1.12 802.11G_ Highest Channel_ Horizontal



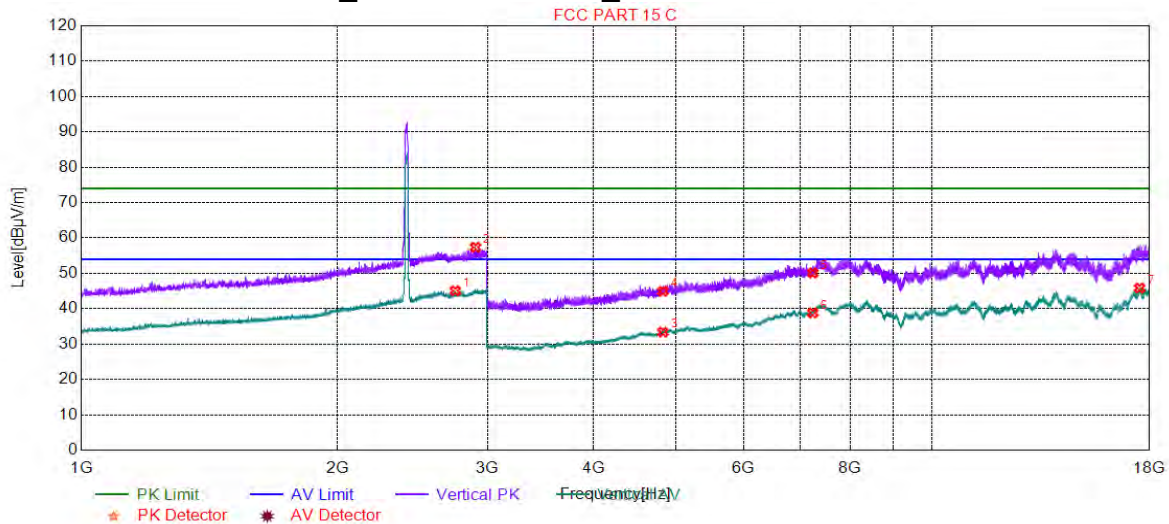
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2931.4829	45.42	11.39	54.00	8.58	150	358	Horizontal
2	2937.9845	57.52	11.39	74.00	16.48	150	319	Horizontal
3	4924.0000	33.96	-14.43	54.00	20.04	150	128	Horizontal
4	4924.0000	45.53	-14.43	74.00	28.47	150	73	Horizontal
5	7386.0000	52.26	-5.71	74.00	21.74	150	209	Horizontal
6	7386.0000	40.80	-5.71	54.00	13.20	150	128	Horizontal
7	17519.9760	46.17	0.61	54.00	7.83	150	192	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	2750.4376	45.06	10.34	54.00	8.94	150	178	Vertical
2	2905.9765	57.38	11.41	74.00	16.62	150	219	Vertical
3	4824.0000	33.39	-14.90	54.00	20.61	150	360	Vertical
4	4824.0000	44.93	-14.90	74.00	29.07	150	154	Vertical
5	7236.0000	50.09	-6.82	74.00	23.91	150	263	Vertical
6	7236.0000	38.82	-6.82	54.00	15.18	150	18	Vertical
7	17522.4761	45.86	0.64	54.00	8.14	150	0	Vertical

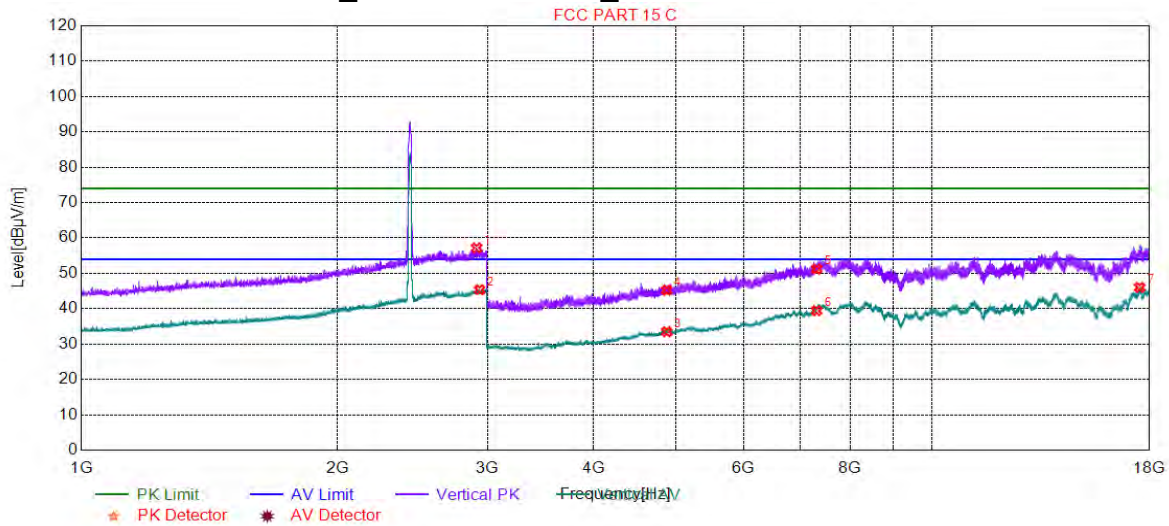


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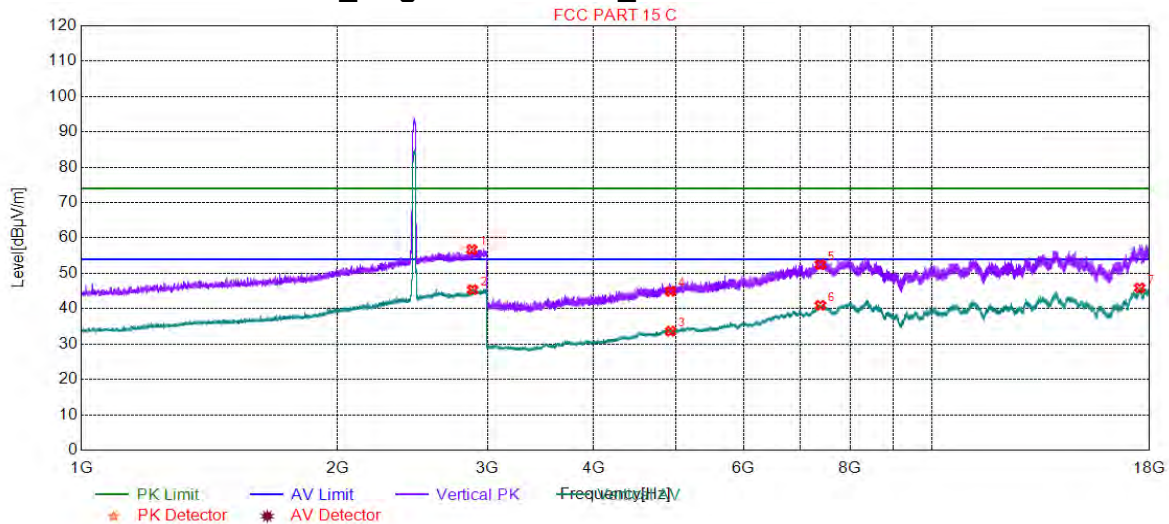
4.9.2.1.14 802.11N20_Middle Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2914.4786	57.20	11.40	74.00	16.80	150	178	Vertical
2	2937.4844	45.38	11.39	54.00	8.62	150	288	Vertical
3	4874.0000	33.50	-14.68	54.00	20.50	150	73	Vertical
4	4874.0000	45.22	-14.68	74.00	28.78	150	100	Vertical
5	7311.0000	51.22	-6.24	74.00	22.78	150	264	Vertical
6	7311.0000	39.44	-6.24	54.00	14.56	150	292	Vertical
7	17525.4763	46.04	0.68	54.00	7.96	150	0	Vertical



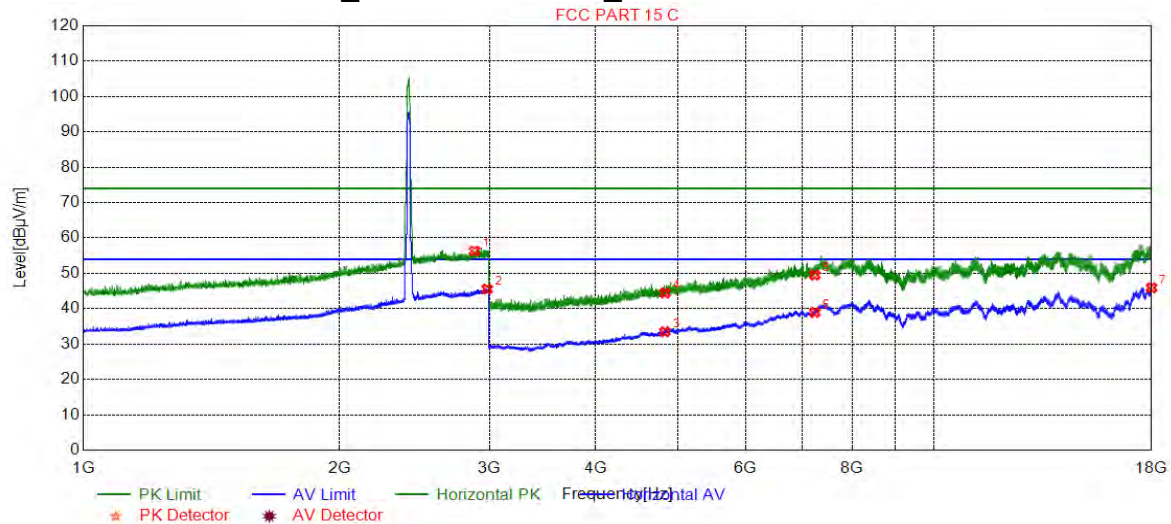
4.9.2.1.15 802.11N20_ Highest Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2876.4691	56.73	11.23	74.00	17.27	150	94	Vertical
2	2882.4706	45.38	11.28	54.00	8.62	150	108	Vertical
3	4924.0000	33.64	-14.43	54.00	20.36	150	319	Vertical
4	4924.0000	44.93	-14.43	74.00	29.07	150	100	Vertical
5	7386.0000	52.48	-5.71	74.00	21.52	150	360	Vertical
6	7386.0000	40.94	-5.71	54.00	13.06	150	319	Vertical
7	17522.9761	45.88	0.64	54.00	8.12	150	242	Vertical



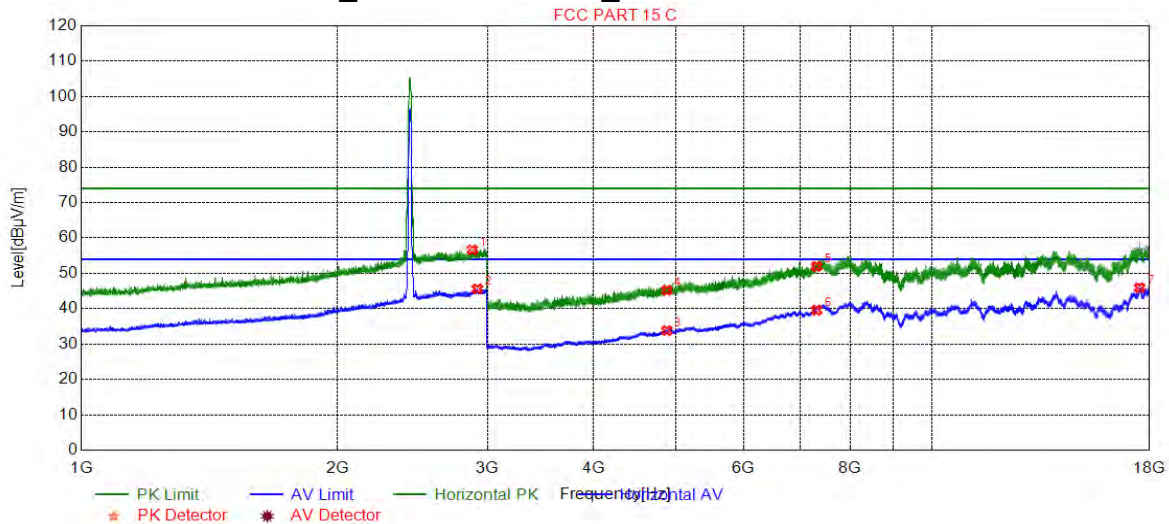
4.9.2.1.16 802.11N20_Lowest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2882.4706	56.35	11.28	74.00	17.65	150	18	Horizontal
2	2981.9955	45.56	11.37	54.00	8.44	150	72	Horizontal
3	4824.0000	33.47	-14.90	54.00	20.53	150	46	Horizontal
4	4824.0000	44.44	-14.90	74.00	29.56	150	320	Horizontal
5	7236.0000	49.51	-6.82	74.00	24.49	150	265	Horizontal
6	7236.0000	38.96	-6.82	54.00	15.04	150	238	Horizontal
7	17999.5000	45.94	-0.35	54.00	8.06	150	242	Horizontal



4.9.2.1.17 802.11N20_Middle Channel_Horizontal

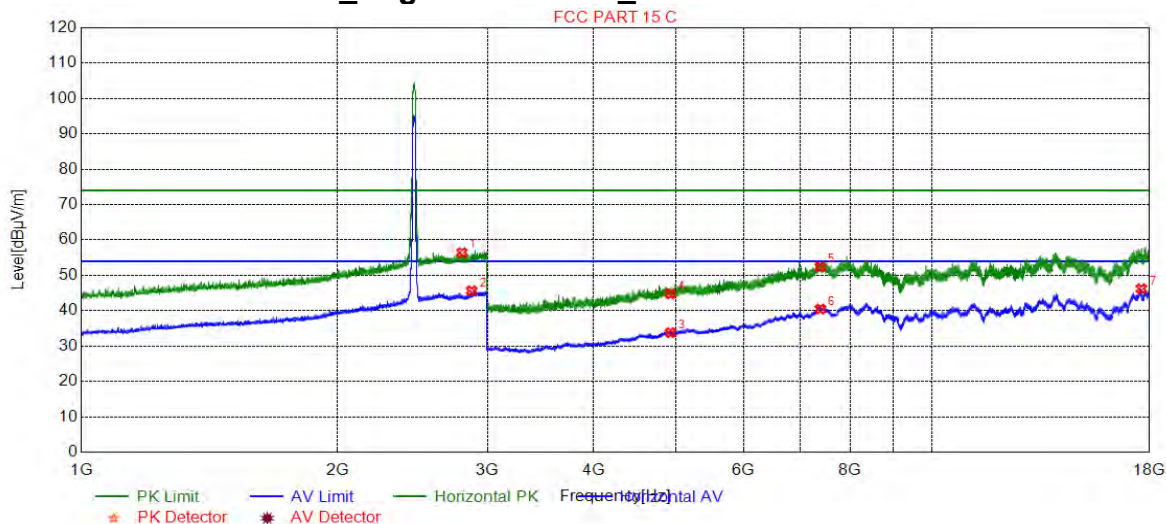


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2880.9702	56.64	11.26	74.00	17.36	150	223	Horizontal
2	2919.4799	45.59	11.40	54.00	8.41	150	155	Horizontal
3	4874.0000	33.81	-14.68	54.00	20.19	150	154	Horizontal
4	4874.0000	45.21	-14.68	74.00	28.79	150	127	Horizontal
5	7311.0000	51.96	-6.24	74.00	22.04	150	345	Horizontal
6	7311.0000	39.59	-6.24	54.00	14.41	150	236	Horizontal
7	17519.9760	45.94	0.61	54.00	8.06	150	0	Horizontal



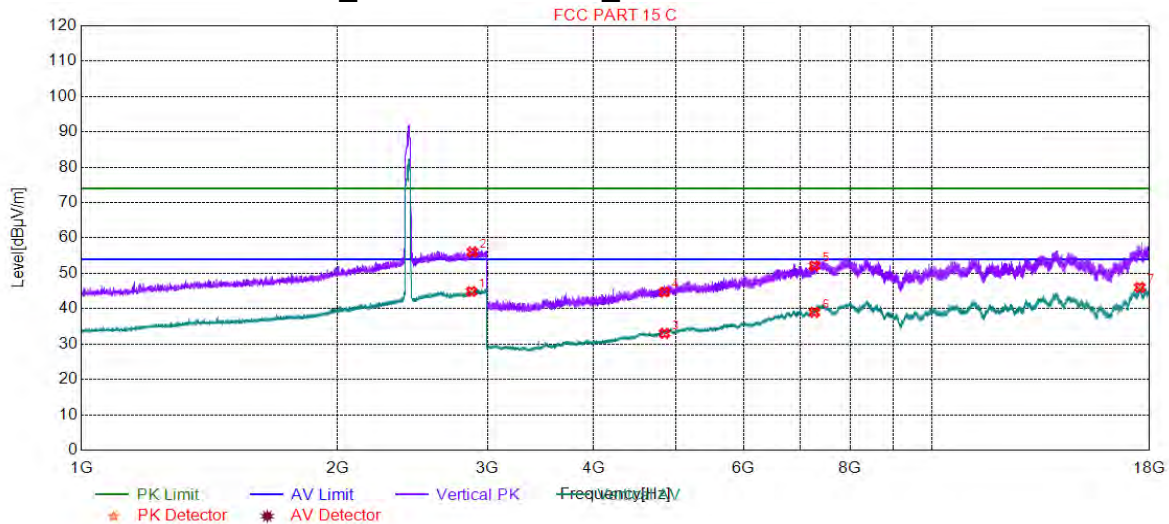
4.9.2.1.18 802.11N20_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2800.9502	56.45	10.65	74.00	17.55	150	238	Horizontal
2	2874.4686	45.64	11.21	54.00	8.36	150	18	Horizontal
3	4924.0000	33.80	-14.43	54.00	20.20	150	292	Horizontal
4	4924.0000	44.74	-14.43	74.00	29.26	150	237	Horizontal
5	7386.0000	52.38	-5.71	74.00	21.62	150	360	Horizontal
6	7386.0000	40.46	-5.71	54.00	13.54	150	73	Horizontal
7	17603.9802	46.21	1.53	54.00	7.79	150	292	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	2873.4684	44.86	11.21	54.00	9.14	150	28	Vertical
2	2880.9702	56.09	11.26	74.00	17.91	150	178	Vertical
3	4844.0000	33.06	-14.81	54.00	20.94	150	46	Vertical
4	4844.0000	44.71	-14.81	74.00	29.29	150	320	Vertical
5	7266.0000	52.10	-6.58	74.00	21.90	150	265	Vertical
6	7266.0000	38.99	-6.58	54.00	15.01	150	128	Vertical
7	17526.9763	46.04	0.70	54.00	7.96	150	192	Vertical

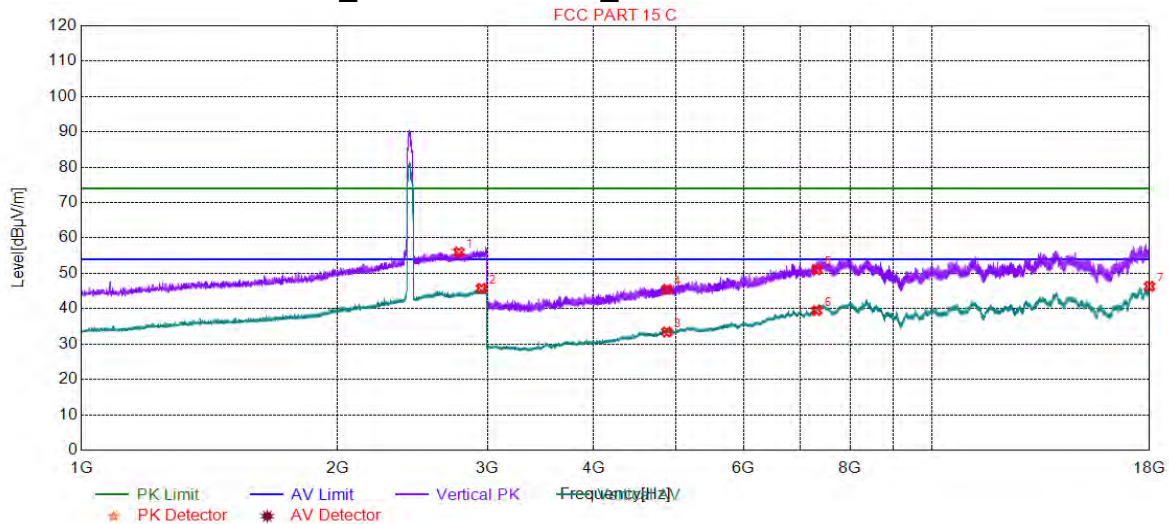


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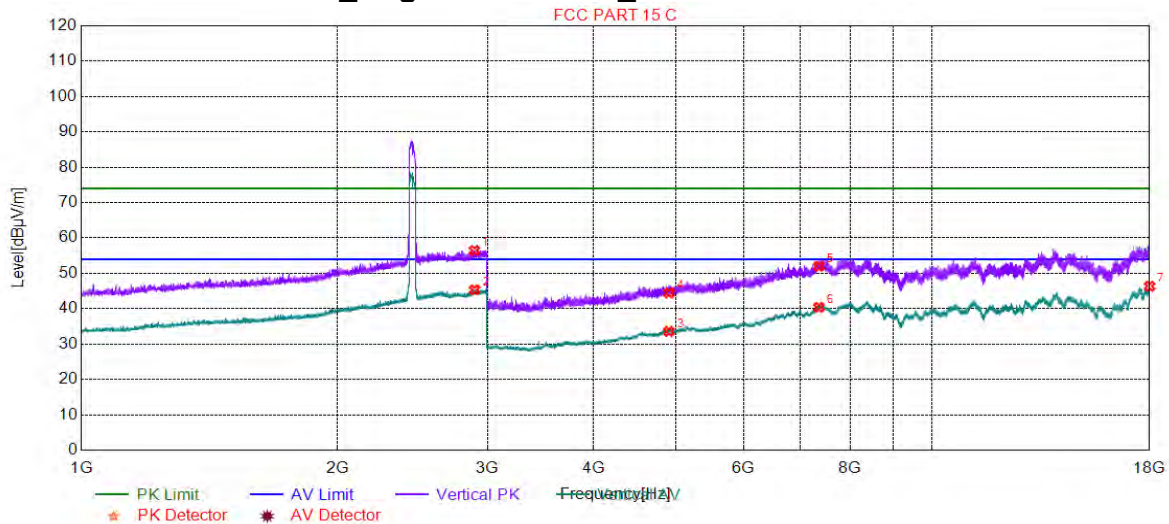
4.9.2.1.20 802.11N40_ Middle Channel_ Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2776.9442	55.98	10.50	74.00	18.02	150	178	Vertical
2	2951.9880	45.75	11.38	54.00	8.25	150	328	Vertical
3	4874.0000	33.42	-14.68	54.00	20.58	150	238	Vertical
4	4874.0000	45.47	-14.68	74.00	28.53	150	360	Vertical
5	7311.0000	51.05	-6.24	74.00	22.95	150	128	Vertical
6	7311.0000	39.50	-6.24	54.00	14.50	150	265	Vertical
7	17992.4996	46.30	-0.41	54.00	7.70	150	91	Vertical



4.9.2.1.21 802.11N40_ Highest Channel_ Vertical



Suspected List

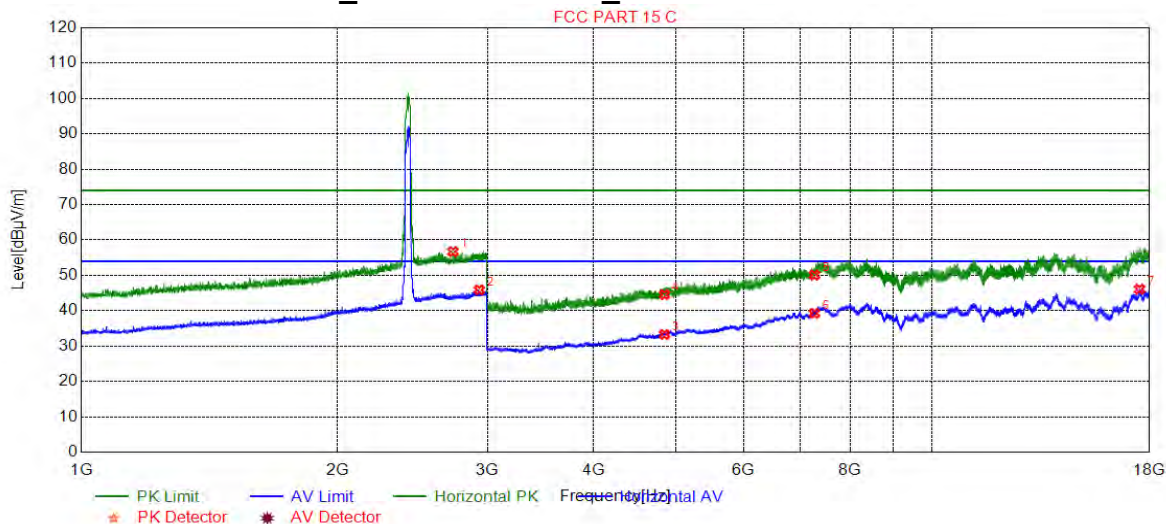
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2897.4744	56.48	11.39	74.00	17.52	150	27	Vertical
2	2898.4746	45.32	11.40	54.00	8.68	150	315	Vertical
3	4904.0000	33.57	-14.54	54.00	20.43	150	320	Vertical
4	4904.0000	44.47	-14.54	74.00	29.53	150	156	Vertical
5	7356.0000	51.98	-5.92	74.00	22.02	150	73	Vertical
6	7356.0000	40.39	-5.92	54.00	13.61	150	46	Vertical
7	18000.0000	46.34	-0.35	54.00	7.66	150	41	Vertical



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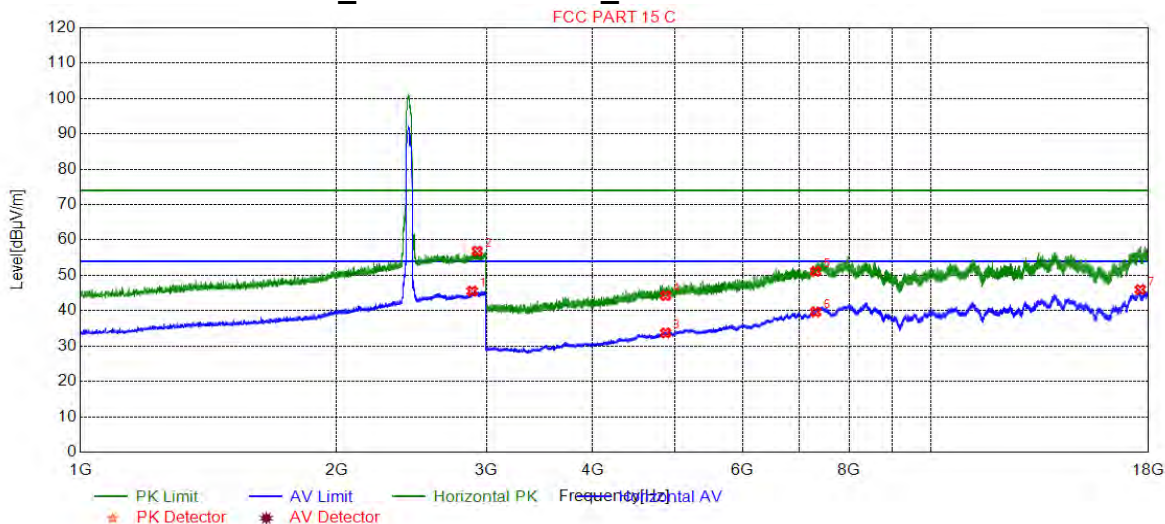
4.9.2.1.22 802.11N40_Lowest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2732.9332	56.73	10.24	74.00	17.27	150	360	Horizontal
2	2934.9837	45.90	11.39	54.00	8.10	150	86	Horizontal
3	4844.0000	33.29	-14.81	54.00	20.71	150	100	Horizontal
4	4844.0000	44.55	-14.81	74.00	29.45	150	360	Horizontal
5	7266.0000	50.08	-6.58	74.00	23.92	150	209	Horizontal
6	7266.0000	39.25	-6.58	54.00	14.75	150	154	Horizontal
7	17517.9759	46.11	0.58	54.00	7.89	150	0	Horizontal



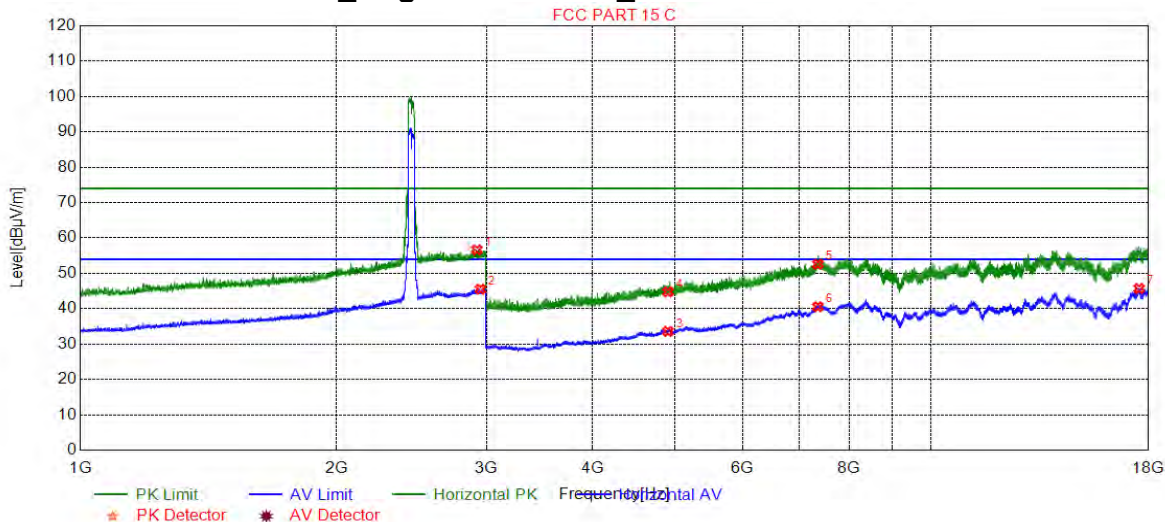
4.9.2.1.23 802.11N40_ Middle Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2886.4716	45.54	11.31	54.00	8.46	150	278	Horizontal
2	2926.4816	56.87	11.40	74.00	17.13	150	334	Horizontal
3	4874.0000	33.73	-14.68	54.00	20.27	150	208	Horizontal
4	4874.0000	44.25	-14.68	74.00	29.75	150	290	Horizontal
5	7311.0000	51.13	-6.24	74.00	22.87	150	127	Horizontal
6	7311.0000	39.64	-6.24	54.00	14.36	150	344	Horizontal
7	17600.4800	45.98	1.62	54.00	8.02	150	141	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	2923.9810	56.66	11.40	74.00	17.34	150	277	Horizontal
2	2951.9880	45.52	11.38	54.00	8.48	150	18	Horizontal
3	4904.0000	33.59	-14.54	54.00	20.41	150	128	Horizontal
4	4904.0000	44.76	-14.54	74.00	29.24	150	18	Horizontal
5	7356.0000	52.60	-5.92	74.00	21.40	150	208	Horizontal
6	7356.0000	40.57	-5.92	54.00	13.43	150	128	Horizontal
7	17542.9771	45.72	0.90	54.00	8.28	150	342	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:			

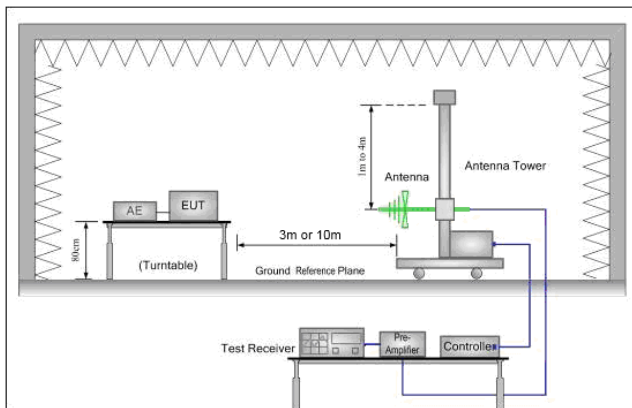


Figure 1. 30MHz to 1GHz

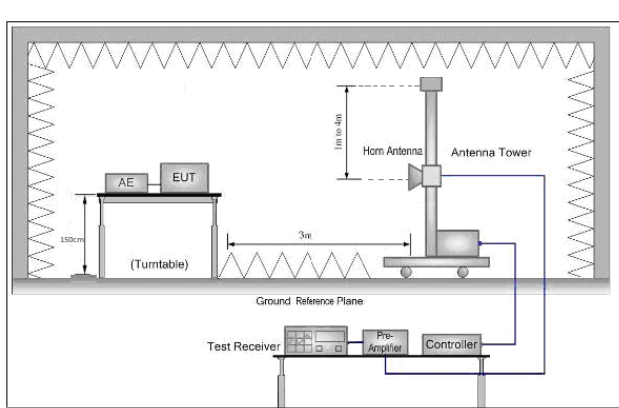


Figure 2. Above 1 GHz



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 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.
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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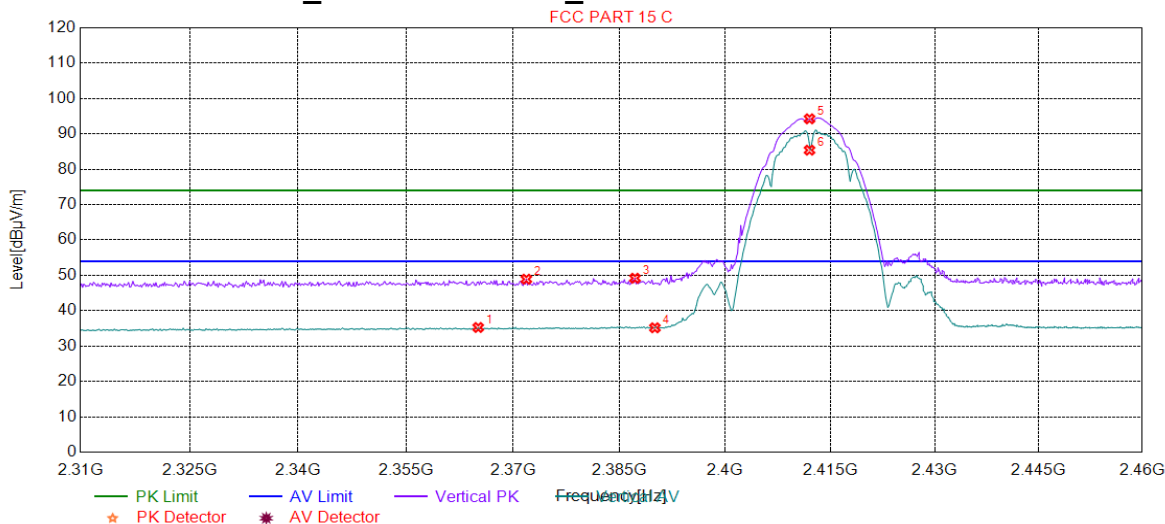
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Test plot as follows:

4.10.1 ANT1

4.10.1.1 802.11B_Lowest Channel_ Vertical

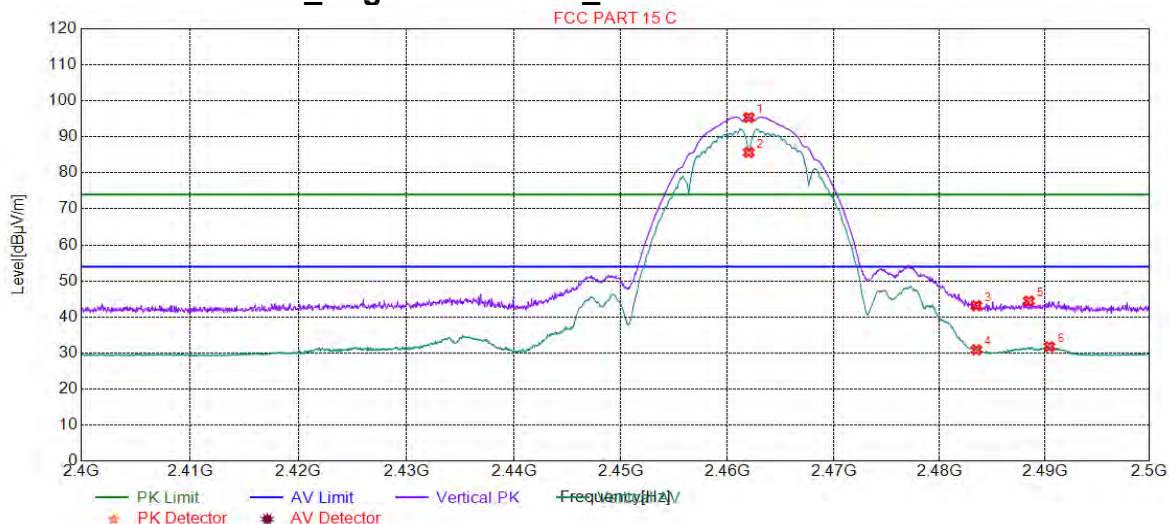


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2365.1051	35.26	9.11	54.00	18.74	150	288	Vertical
2	2371.8619	48.92	9.14	74.00	25.08	150	305	Vertical
3	2387.1772	49.19	9.19	74.00	24.81	150	133	Vertical
4	2390.0000	35.17	9.20	54.00	18.83	150	257	Vertical
5	2412.0000	94.26	9.27	74.00	-20.26	150	62	Vertical
6	2412.0000	85.40	9.27	54.00	-31.40	150	67	Vertical



4.10.1.2 802.11B_Highest Channel_Vertical



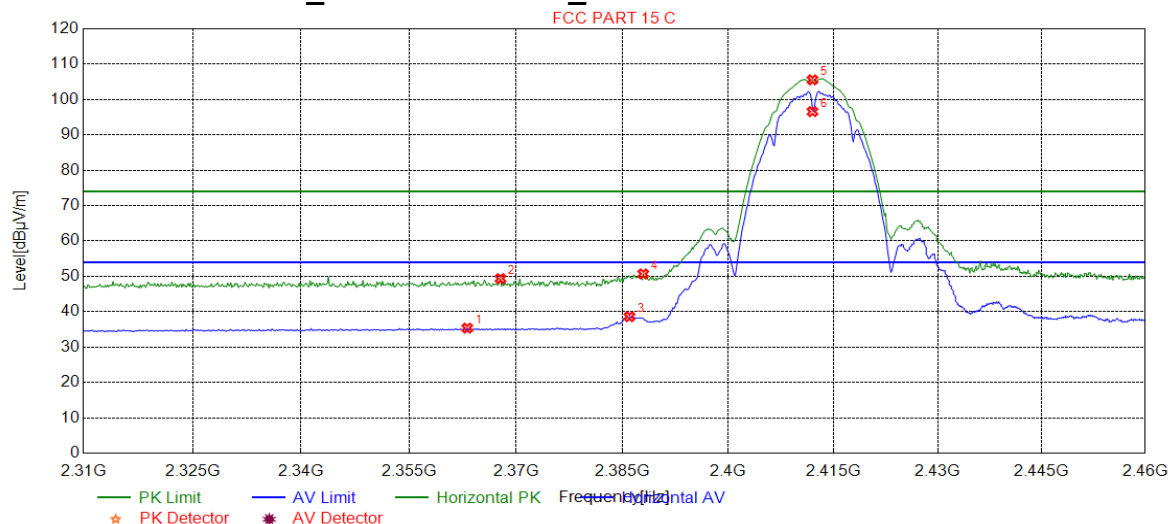
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	95.38	9.43	74.00	-21.38	150	297	Vertical
2	2462.0000	85.67	9.43	54.00	-31.67	150	302	Vertical
3	2483.5000	43.14	9.50	74.00	30.86	150	335	Vertical
4	2483.5000	30.87	9.50	54.00	23.13	150	302	Vertical
5	2488.4942	44.44	9.51	74.00	29.56	150	75	Vertical
6	2490.4452	31.77	9.52	54.00	22.23	150	297	Vertical





4.10.1.3 802.11B_Lowest Channel_Horizontal

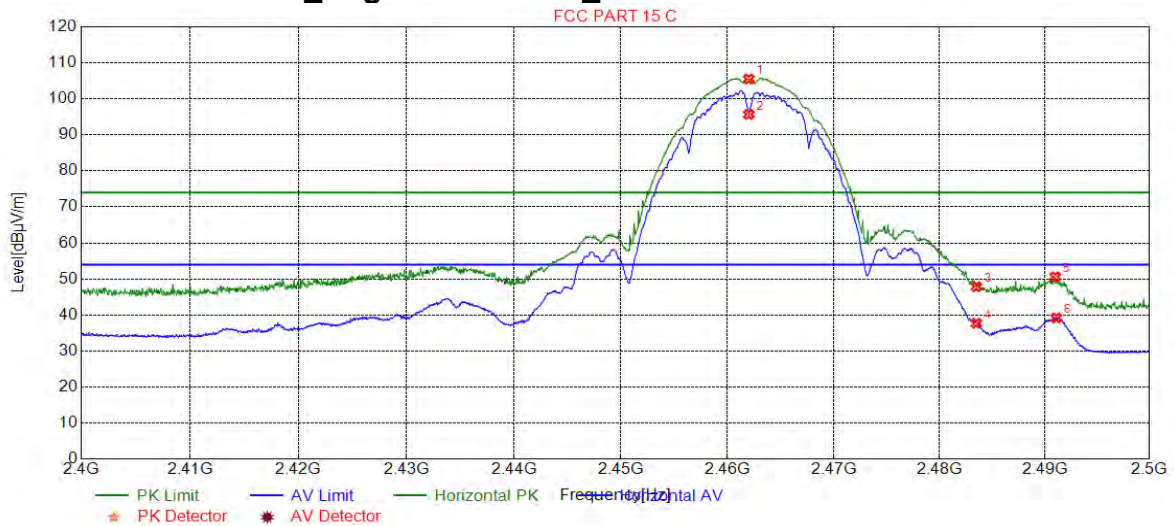


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2363.1532	35.36	9.11	54.00	18.64	150	252	Horizontal
2	2367.8078	49.35	9.12	74.00	24.65	150	54	Horizontal
3	2385.9760	38.60	9.18	54.00	15.40	150	188	Horizontal
4	2387.9279	50.70	9.19	74.00	23.30	150	201	Horizontal
5	2412.0000	105.57	9.27	74.00	-31.57	150	188	Horizontal
6	2412.0000	96.58	9.27	54.00	-42.58	150	188	Horizontal



4.10.1.4 802.11B_Highest Channel_Horizontal



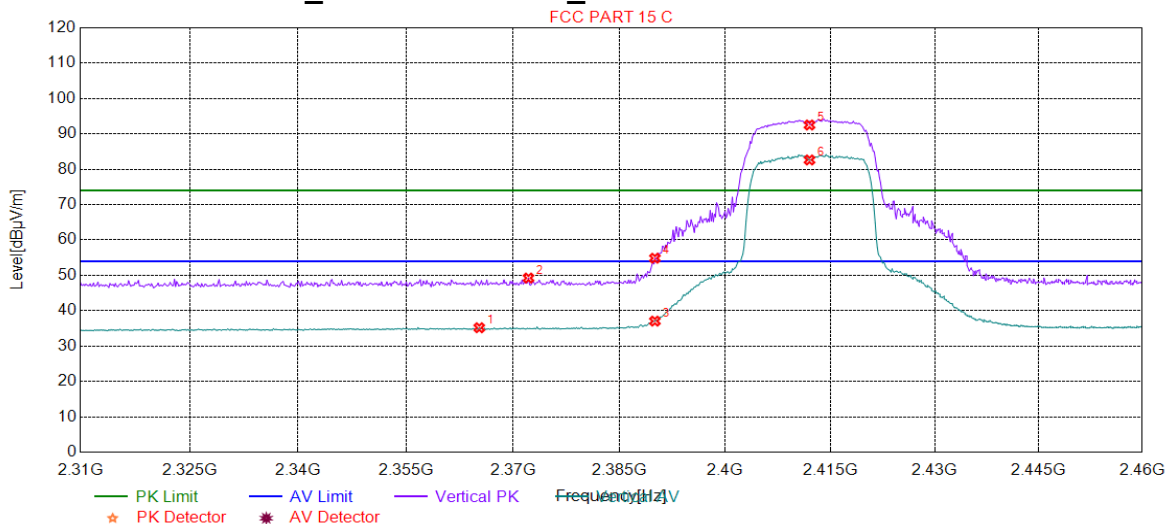
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	105.51	9.43	74.00	-31.51	150	205	Horizontal
2	2462.0000	95.67	9.43	54.00	-41.67	150	194	Horizontal
3	2483.5000	47.84	9.50	74.00	26.16	150	199	Horizontal
4	2483.5000	37.71	9.50	54.00	16.29	150	199	Horizontal
5	2490.9955	50.59	9.52	74.00	23.41	150	199	Horizontal
6	2491.0955	39.21	9.52	54.00	14.79	150	194	Horizontal





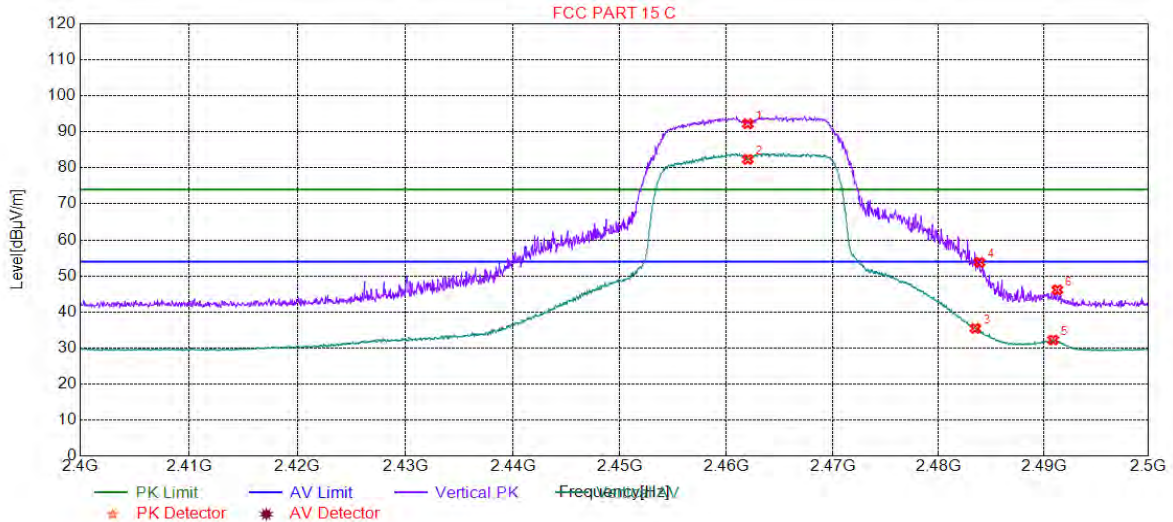
4.10.1.5 802.11G_Lowest Channel_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2365.2553	35.19	9.12	54.00	18.81	150	346	Vertical
2	2372.1622	49.25	9.14	74.00	24.75	150	264	Vertical
3	2390.0000	37.06	9.20	54.00	16.94	150	66	Vertical
4	2390.0000	54.85	9.20	74.00	19.15	150	62	Vertical
5	2412.0000	92.51	9.27	74.00	-18.51	150	346	Vertical
6	2412.0000	82.63	9.27	54.00	-28.63	150	346	Vertical



4.10.1.6 802.11G_ Highest Channel_ Vertical

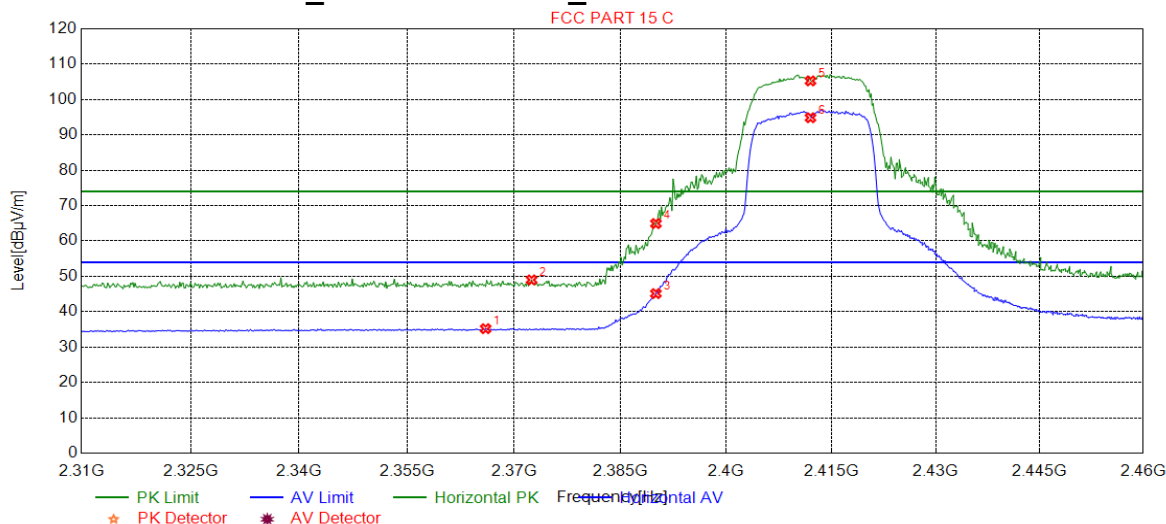


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	92.24	9.43	74.00	-18.24	150	299	Vertical
2	2462.0000	82.36	9.43	54.00	-28.36	150	299	Vertical
3	2483.5000	35.43	9.50	54.00	18.57	150	198	Vertical
4	2483.8919	53.78	9.50	74.00	20.22	150	304	Vertical
5	2490.8954	32.25	9.52	54.00	21.75	150	198	Vertical
6	2491.2956	46.16	9.52	74.00	27.84	150	198	Vertical



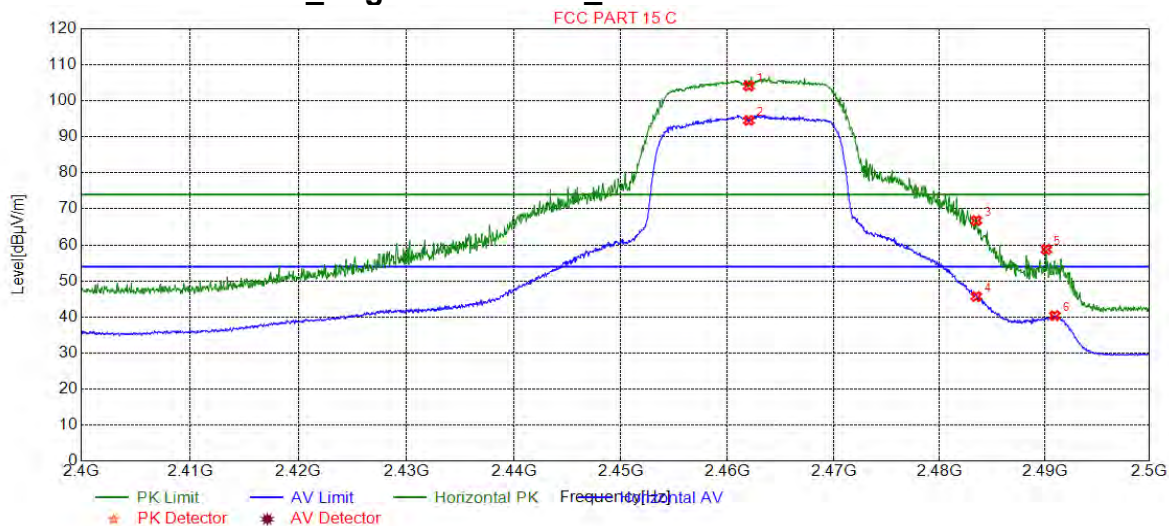
4.10.1.7 802.11G_Lowest Channel_Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2366.0060	35.21	9.12	54.00	18.79	150	158	Horizontal
2	2372.4625	49.00	9.14	74.00	25.00	150	49	Horizontal
3	2390.0000	45.14	9.20	54.00	8.86	150	199	Horizontal
4	2390.0000	64.93	9.20	74.00	9.07	150	221	Horizontal
5	2412.0000	105.27	9.27	74.00	-31.27	150	204	Horizontal
6	2412.0000	94.85	9.27	54.00	-40.85	150	195	Horizontal



4.10.1.8 802.11G_Highest Channel_Horizontal



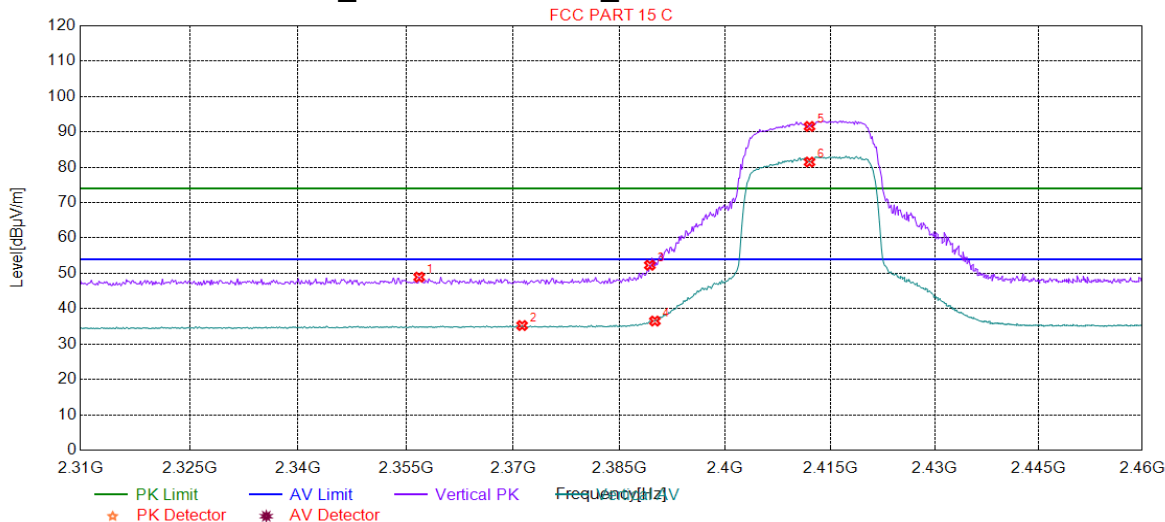
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	104.11	9.43	74.00	-30.11	150	206	Horizontal
2	2462.0000	94.55	9.43	54.00	-40.55	150	200	Horizontal
3	2483.5000	66.79	9.50	74.00	7.21	150	333	Horizontal
4	2483.5000	45.70	9.50	54.00	8.30	150	206	Horizontal
5	2490.1451	58.74	9.52	74.00	15.26	150	339	Horizontal
6	2490.9455	40.37	9.52	54.00	13.63	150	206	Horizontal





4.10.1.9 802.11N20_Lowest Channel_Vertical

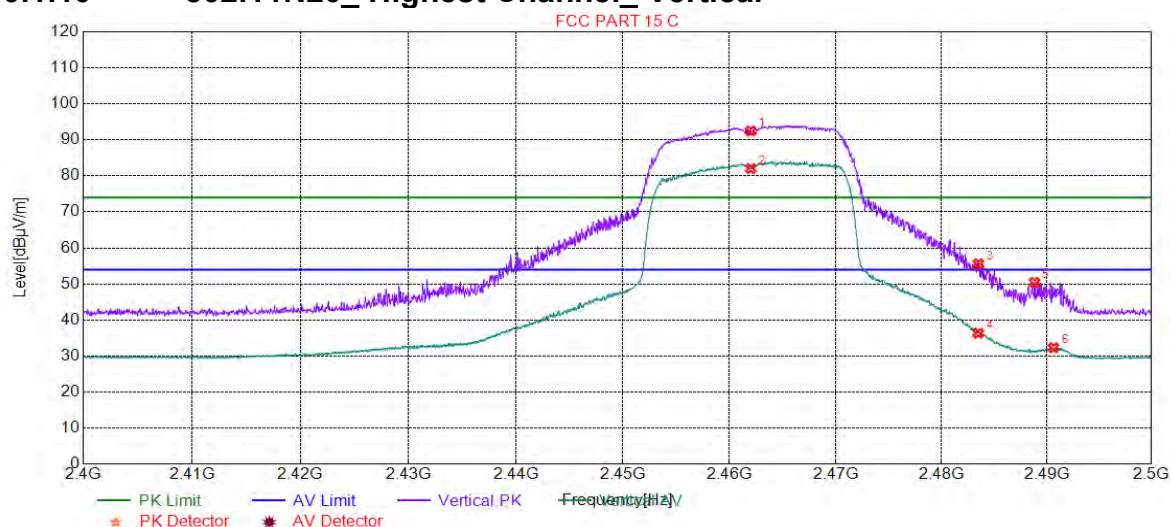


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2356.8468	48.94	9.09	74.00	25.06	150	346	Vertical
2	2371.2613	35.25	9.14	54.00	18.75	150	39	Vertical
3	2389.2793	52.29	9.19	74.00	21.71	150	30	Vertical
4	2390.0000	36.51	9.20	54.00	17.49	150	176	Vertical
5	2412.0000	91.54	9.27	74.00	-17.54	150	297	Vertical
6	2412.0000	81.47	9.27	54.00	-27.47	150	301	Vertical



4.10.1.10 802.11N20_ Highest Channel_ Vertical

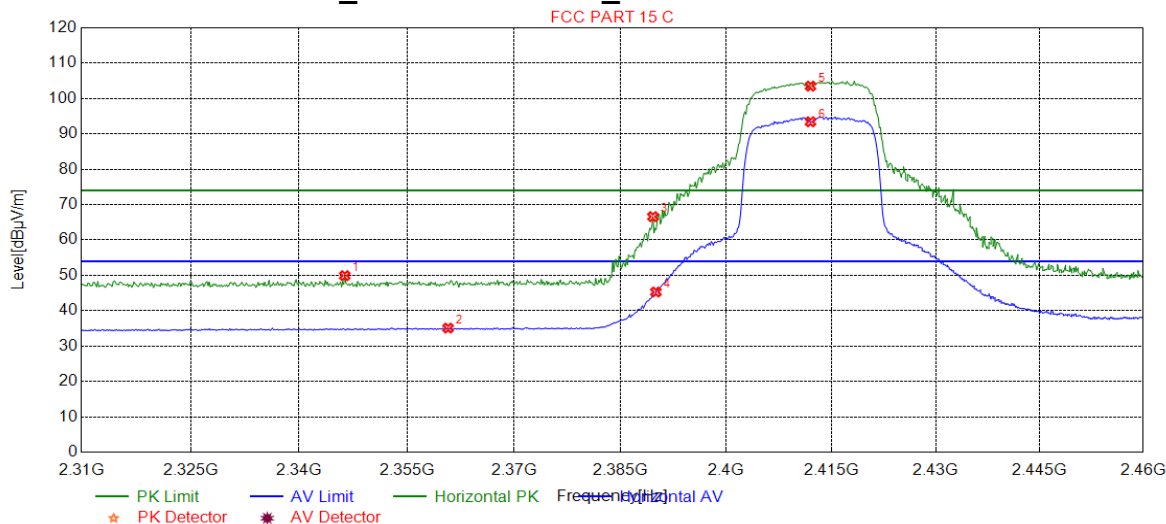


Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	92.48	9.43	74.00	-18.48	150	302	Vertical
2	2462.0000	82.01	9.43	54.00	-28.01	150	308	Vertical
3	2483.5000	55.60	9.50	74.00	18.40	150	182	Vertical
4	2483.5000	36.32	9.50	54.00	17.68	150	182	Vertical
5	2488.8444	50.43	9.51	74.00	23.57	150	302	Vertical
6	2490.6453	32.32	9.52	54.00	21.68	150	302	Vertical





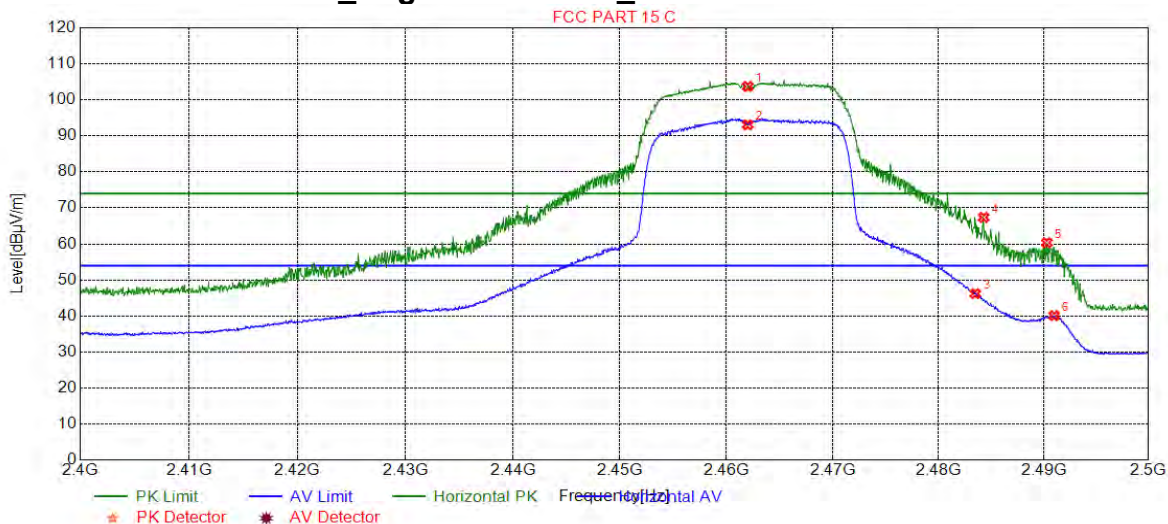
4.10.1.11 802.11N20_Lowest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2346.3363	49.91	9.05	74.00	24.09	150	224	Horizontal
2	2360.7508	35.09	9.10	54.00	18.91	150	303	Horizontal
3	2389.5796	66.60	9.20	74.00	7.40	150	199	Horizontal
4	2390.0000	45.29	9.20	54.00	8.71	150	194	Horizontal
5	2412.0000	103.50	9.27	74.00	-29.50	150	199	Horizontal
6	2412.0000	93.42	9.27	54.00	-39.42	150	190	Horizontal



4.10.1.12 802.11N20_ Highest Channel_ Horizontal



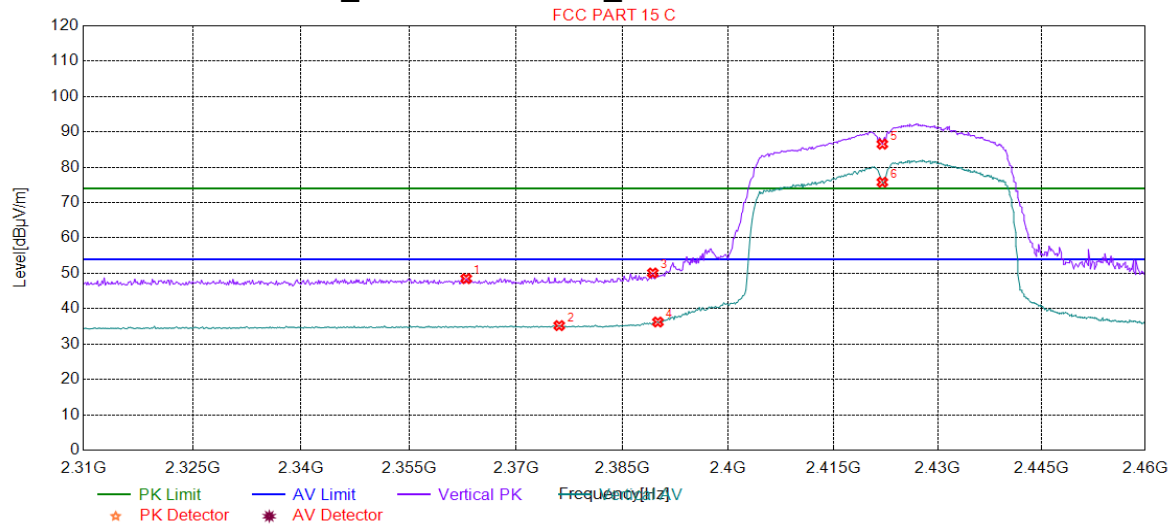
Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0000	103.70	9.43	74.00	-29.70	150	204	Horizontal
2	2462.0000	93.09	9.43	54.00	-39.09	150	199	Horizontal
3	2483.5000	46.21	9.50	54.00	7.79	150	204	Horizontal
4	2484.2921	67.37	9.50	74.00	6.63	150	199	Horizontal
5	2490.2951	60.34	9.52	74.00	13.66	150	204	Horizontal
6	2490.9955	40.07	9.52	54.00	13.93	150	204	Horizontal





4.10.1.13 802.11N40_Lowest Channel_Vertical

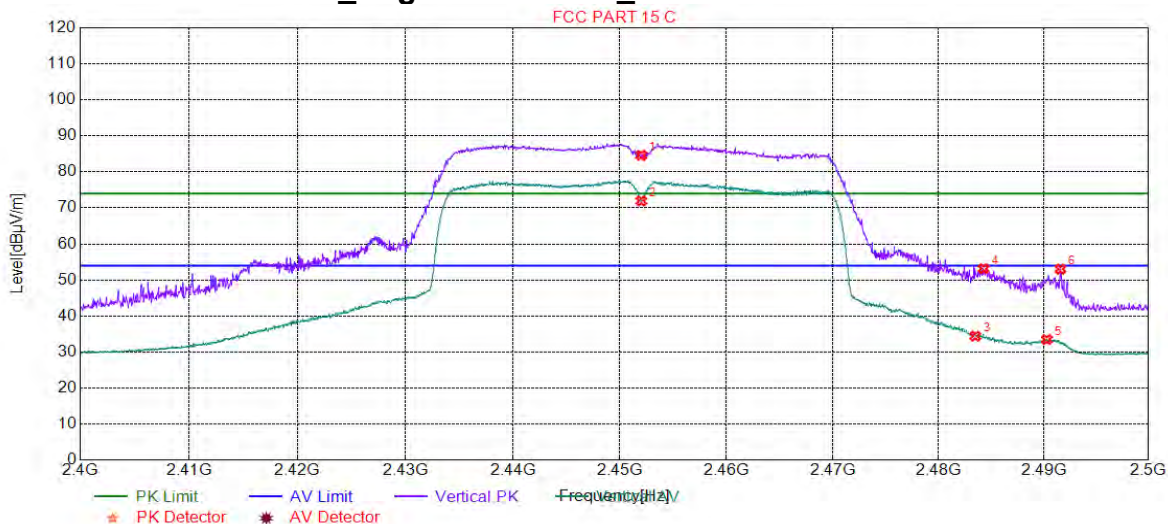


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2363.0030	48.51	9.11	74.00	25.49	150	248	Vertical
2	2376.0661	35.22	9.15	54.00	18.78	150	100	Vertical
3	2389.2793	50.11	9.19	74.00	23.89	150	302	Vertical
4	2390.0000	36.24	9.20	54.00	17.76	150	306	Vertical
5	2422.0000	86.54	9.30	74.00	-12.54	150	302	Vertical
6	2422.0000	75.77	9.30	54.00	-21.77	150	302	Vertical



4.10.1.14 802.11N40_ Highest Channel_ Vertical

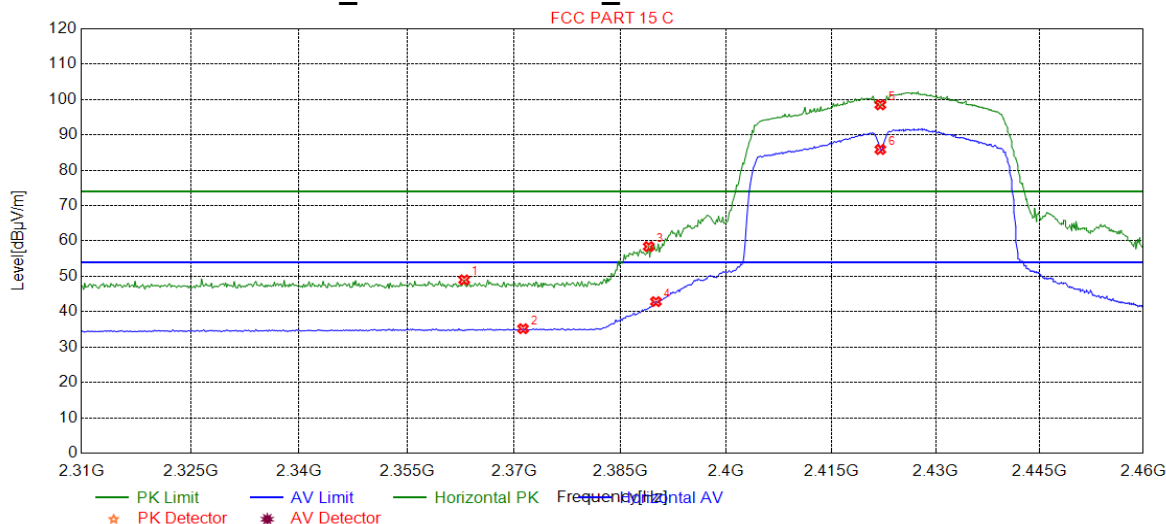


Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	84.60	9.40	74.00	-10.60	150	94	Vertical
2	2452.0000	71.93	9.40	54.00	-17.93	150	94	Vertical
3	2483.5000	34.40	9.50	54.00	19.60	150	319	Vertical
4	2484.2921	53.15	9.50	74.00	20.85	150	314	Vertical
5	2490.2951	33.45	9.52	54.00	20.55	150	94	Vertical
6	2491.5958	53.01	9.52	74.00	20.99	150	94	Vertical





4.10.1.15 802.11N40_Lowest Channel_Horizontal

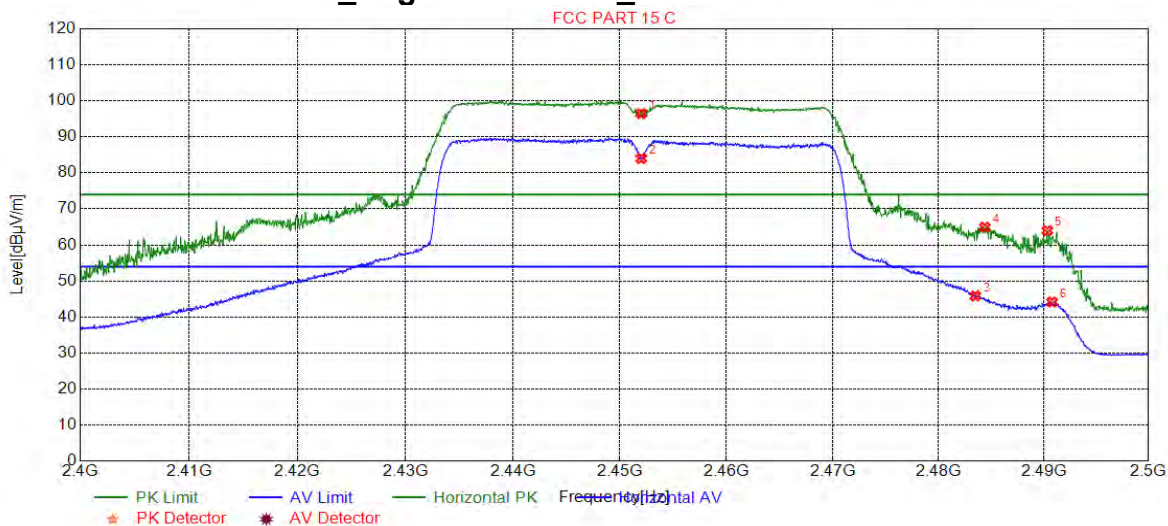


Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2363.0030	49.01	9.11	74.00	24.99	150	319	Horizontal
2	2371.2613	35.20	9.14	54.00	18.80	150	278	Horizontal
3	2388.9790	58.41	9.19	74.00	15.59	150	360	Horizontal
4	2390.0000	42.85	9.20	54.00	11.15	150	196	Horizontal
5	2422.0000	98.50	9.30	74.00	-24.50	150	200	Horizontal
6	2422.0000	85.87	9.30	54.00	-31.87	150	200	Horizontal



4.10.1.16 802.11N40_ Highest Channel_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.0000	96.46	9.40	74.00	-22.46	150	207	Horizontal
2	2452.0000	84.00	9.40	54.00	-30.00	150	202	Horizontal
3	2483.5000	45.84	9.50	54.00	8.16	150	207	Horizontal
4	2484.3922	64.93	9.50	74.00	9.07	150	207	Horizontal
5	2490.3452	63.98	9.52	74.00	10.02	150	202	Horizontal
6	2490.7954	44.18	9.52	54.00	9.82	150	202	Horizontal

Remark:

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

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

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



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

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



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	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	2019/7/15	2020/7/15
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	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	ETS-LINDGREN	N/A	SEM001-01	2017/8/5	2020/8/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2019/6/12	2020/6/11
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2019/7/14	2020/7/14
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2017/6/27	2020/6/26
Pre-amplifier (0.1-1.3GHz)	Agilent Technologies	8447D	SEM005-01	2019/3/2	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	2019/7/14	2020/7/14
Low Noise Amplifier(100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2019/9/3	2020/9/2
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2019/3/2	2020/3/1
Band filter	N/A	N/A	SEM023-01	N/A	N/A





RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
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 for Set-up

Refer to Appendix A - Photographs of Set-Up for ZR/2019/B0004.

The End



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