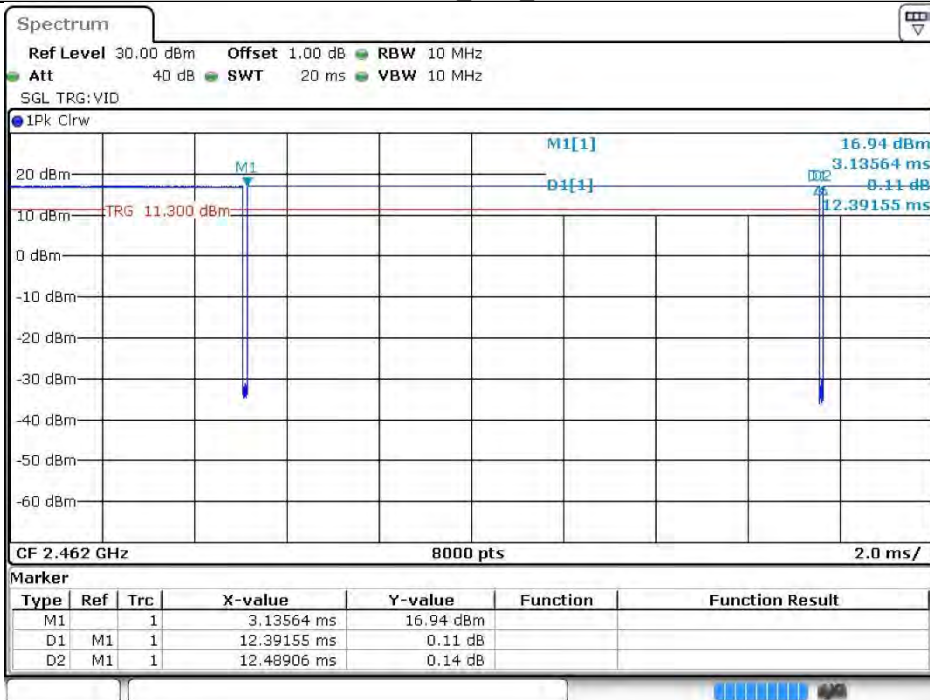


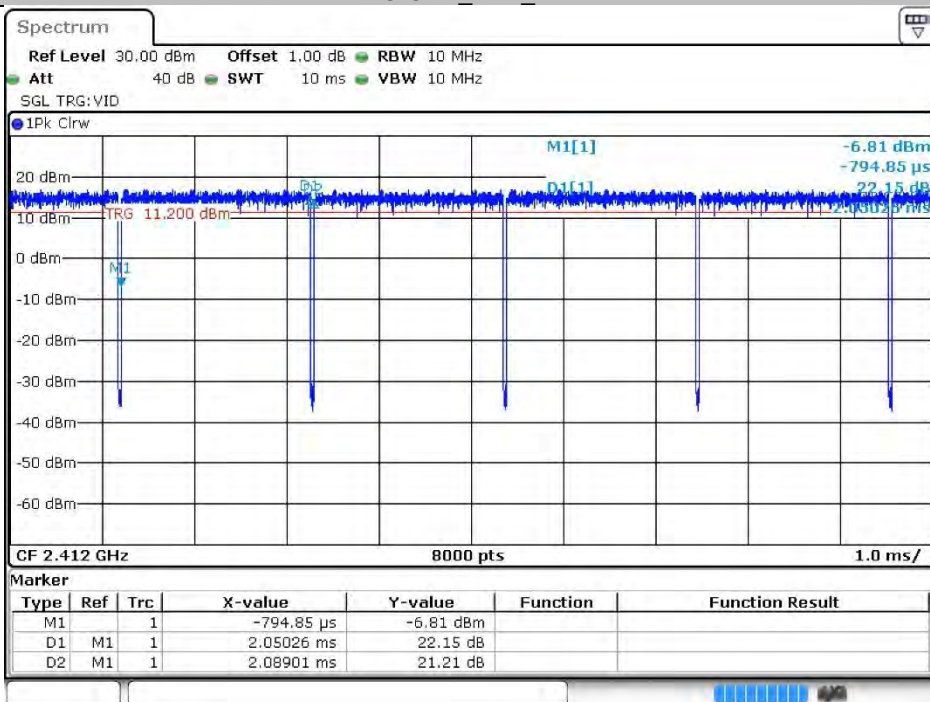
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Page: 227 of 278

11B-CDD Ant7 2462



Date: 10 MAY 2021 05:36:46

11G-CDD Ant4 2412



Date: 10 MAY 2021 04:32:24



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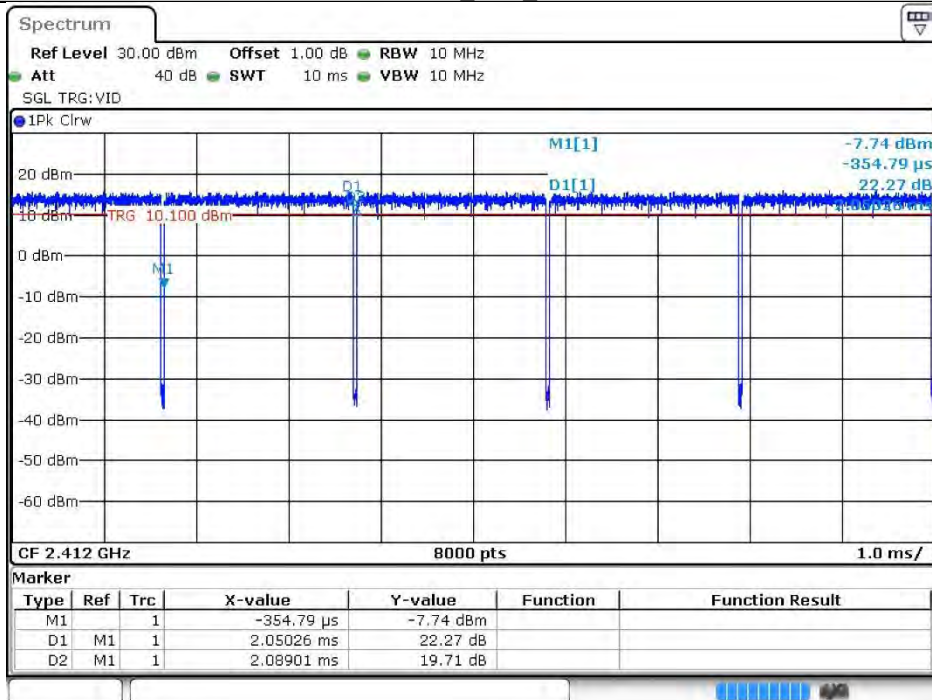
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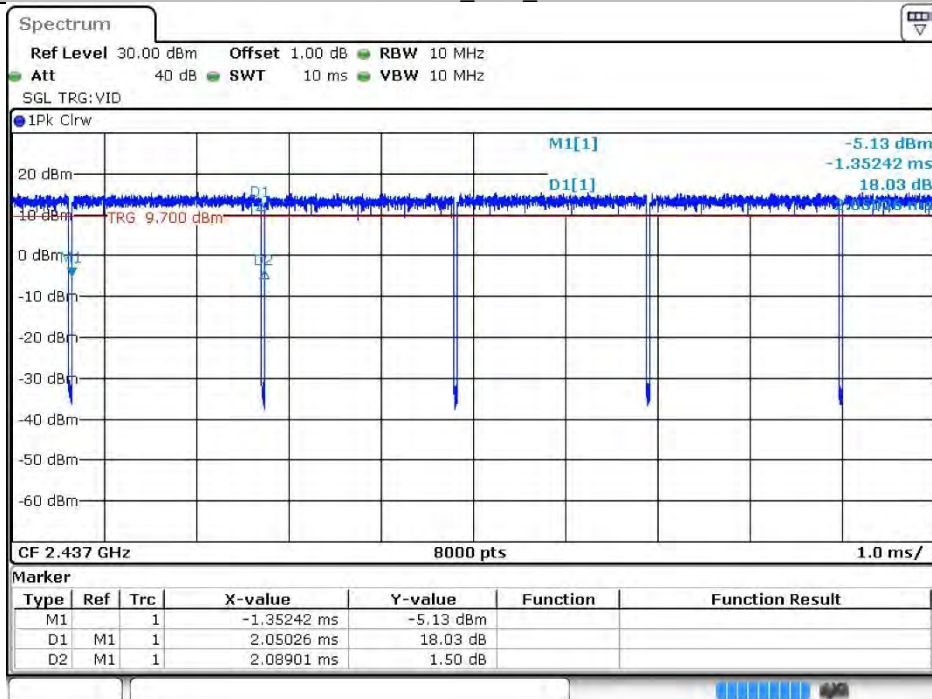
Report No.: ZR/2021/3002204
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11G-CDD Ant7 2412



Date: 10 MAY 2021 05:42:41

11G-CDD Ant4 2437



Date: 10 MAY 2021 04:34:29



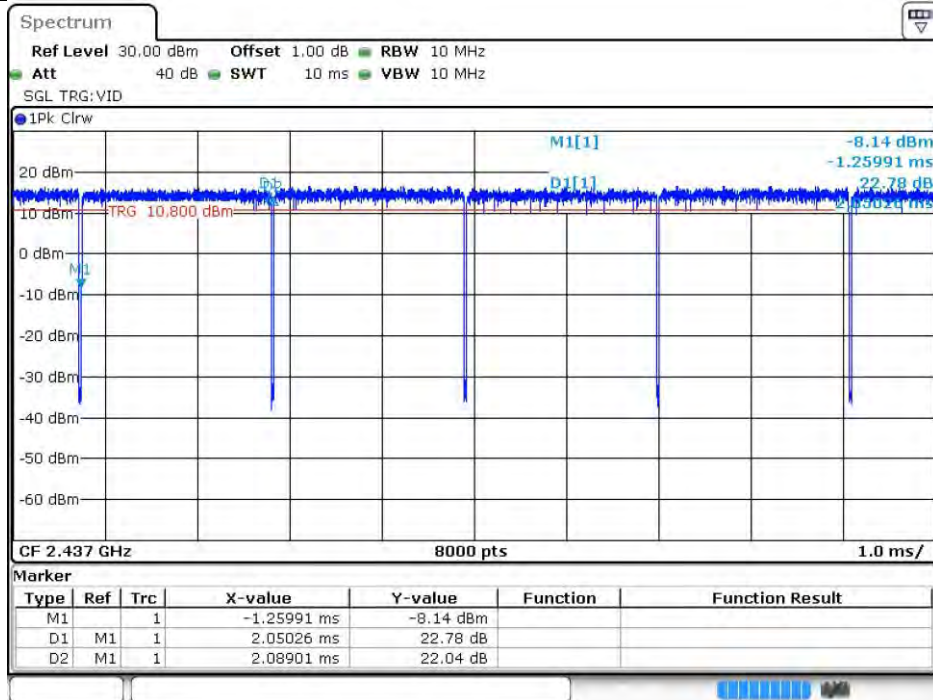
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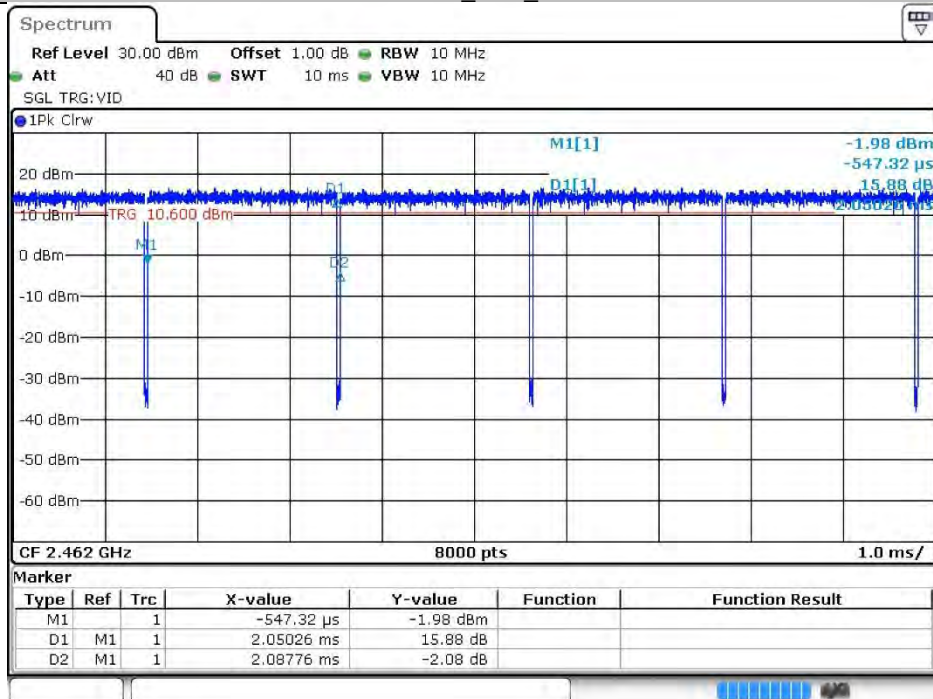
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11G-CDD Ant7 2437



Date: 10.MAY.2021 05:44:40

11G-CDD Ant4 2462



Date: 10.MAY.2021 04:36:20



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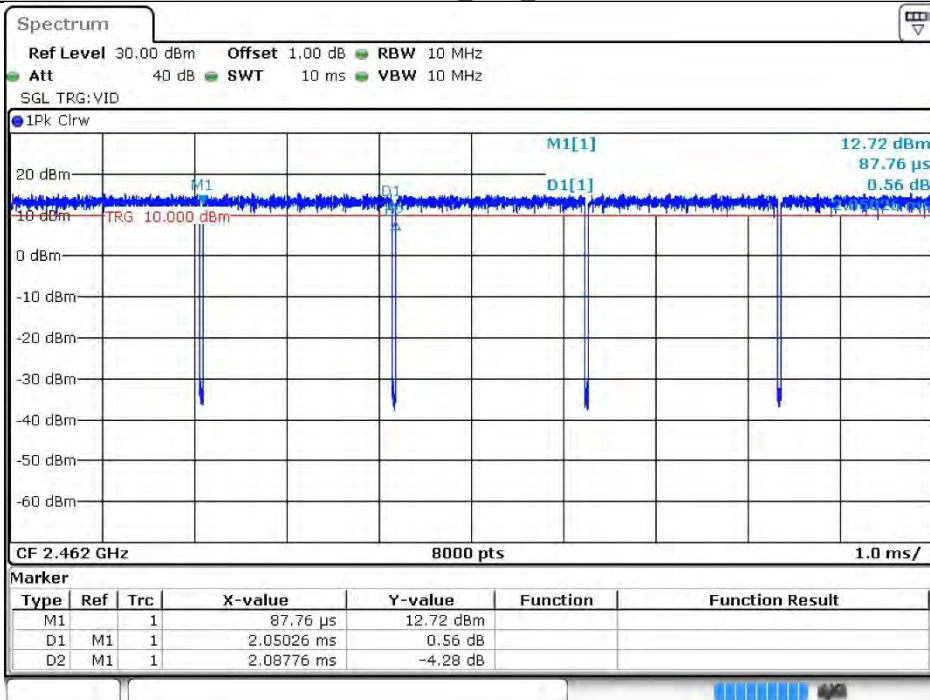
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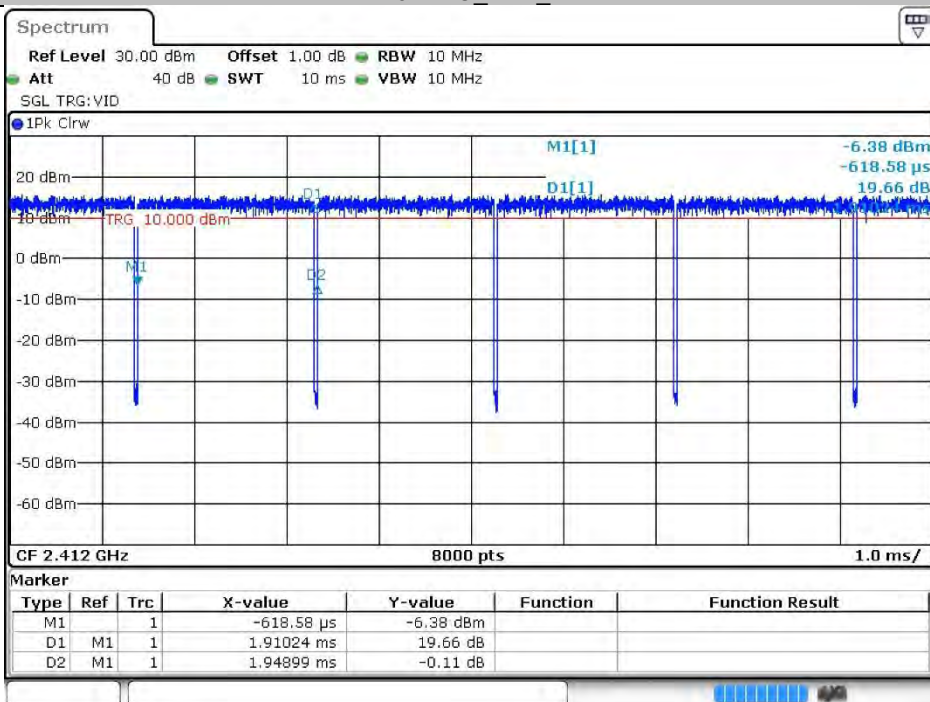
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11G-CDD Ant7 2462



Date: 10 MAY 2021 06:04:56

11N20MIMO_Ant4 2412



Date: 10 MAY 2021 04:38:09



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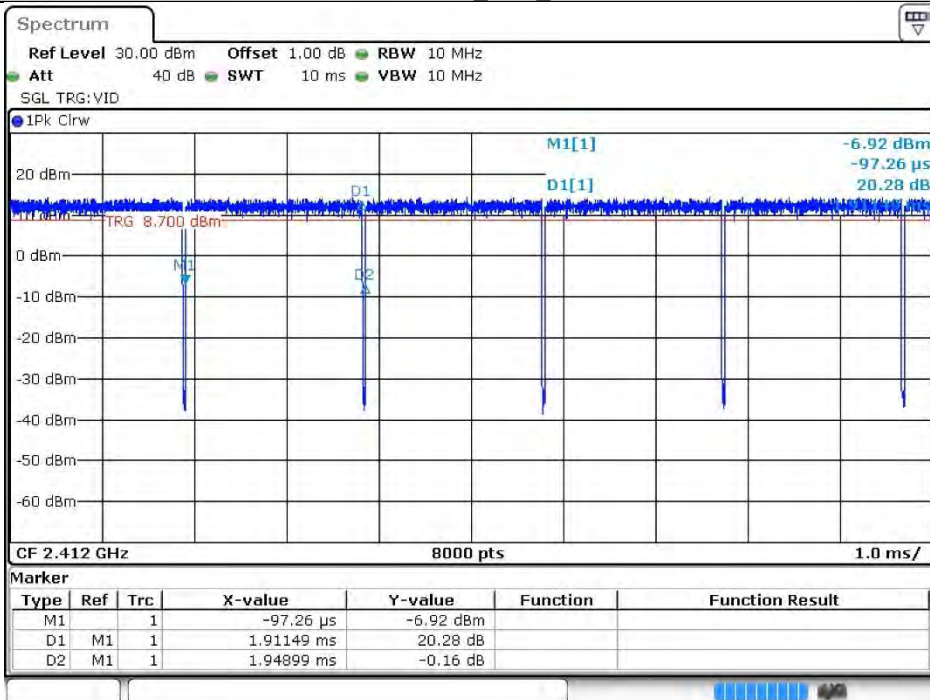
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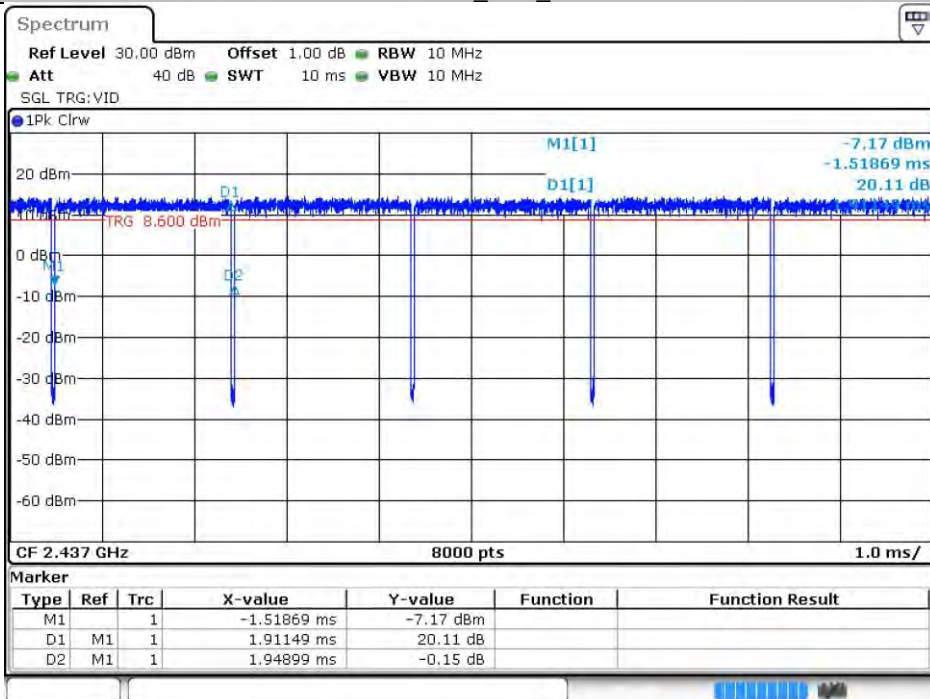
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11N20MIMO_Ant7_2412



Date: 10 MAY.2021 06:06:53

11N20MIMO_Ant4_2437



Date: 10.MAY.2021 04:39:58



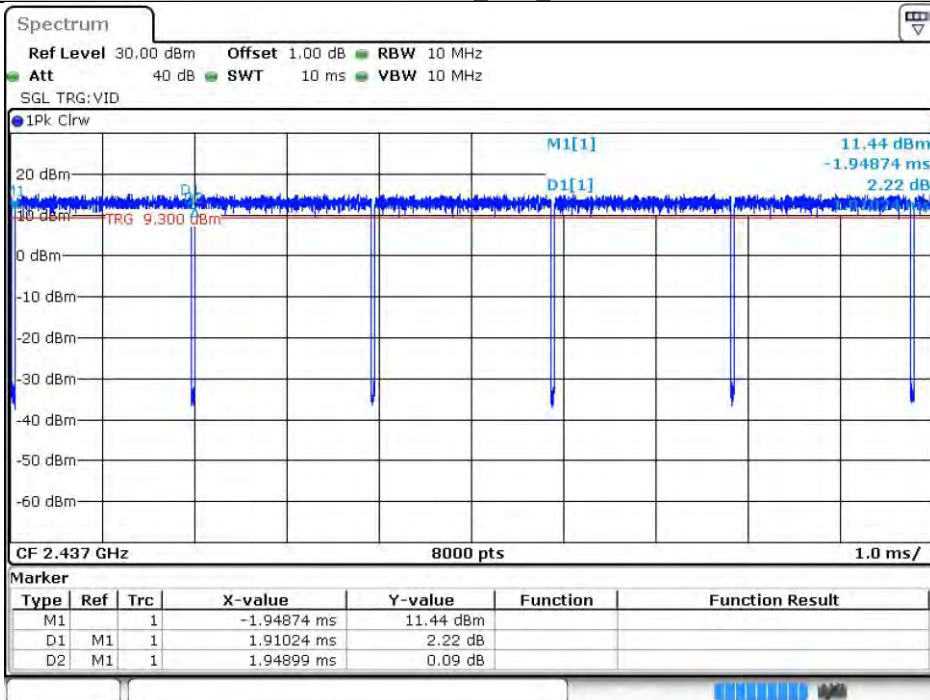
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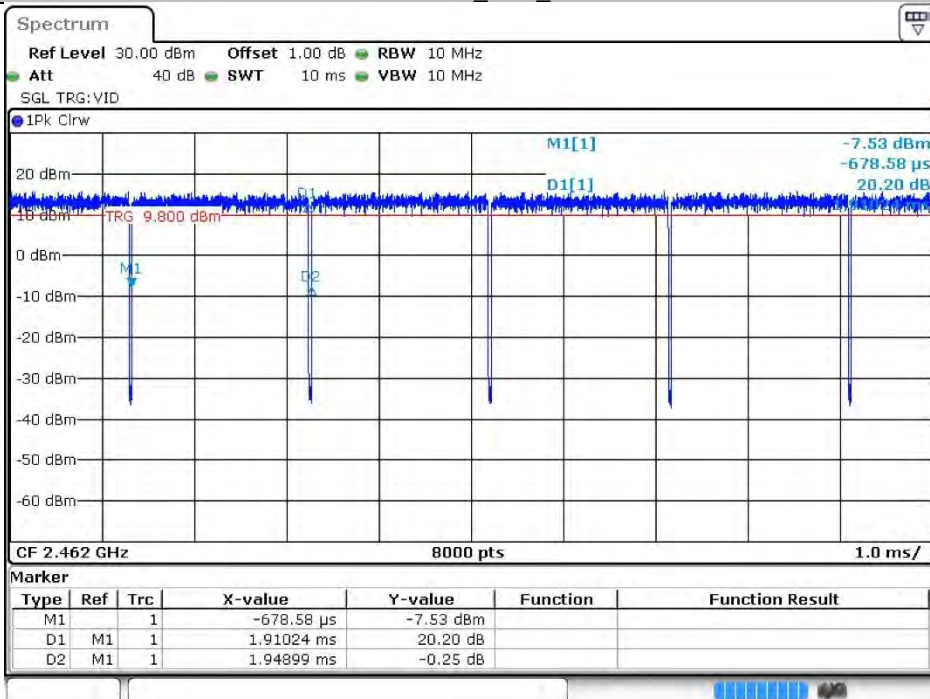
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11N20MIMO_Ant7_2437



Date: 10.MAY.2021 06:51:22

11N20MIMO_Ant4_2462



Date: 10.MAY.2021 04:41:35

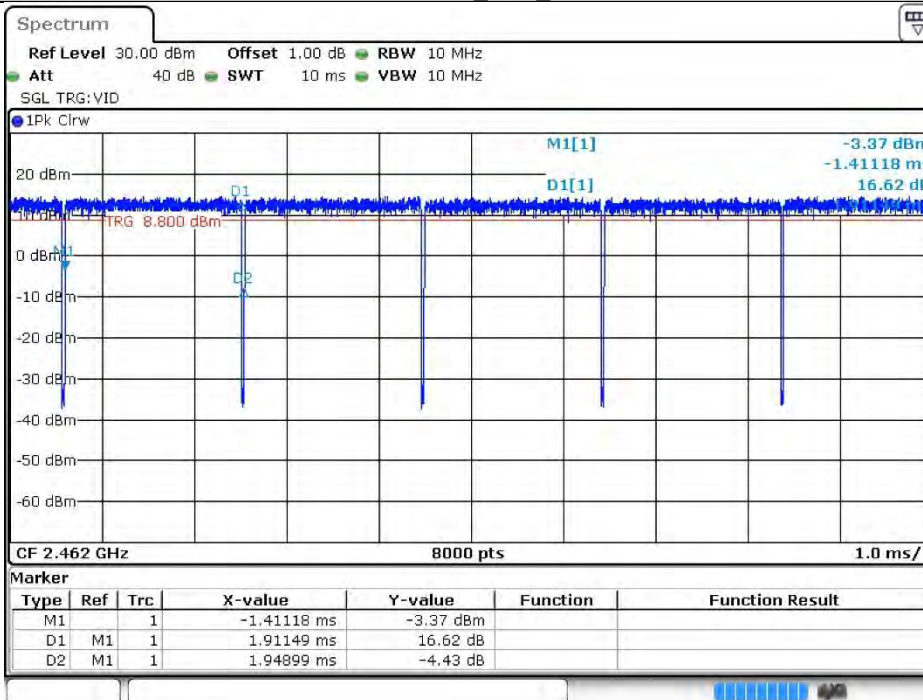


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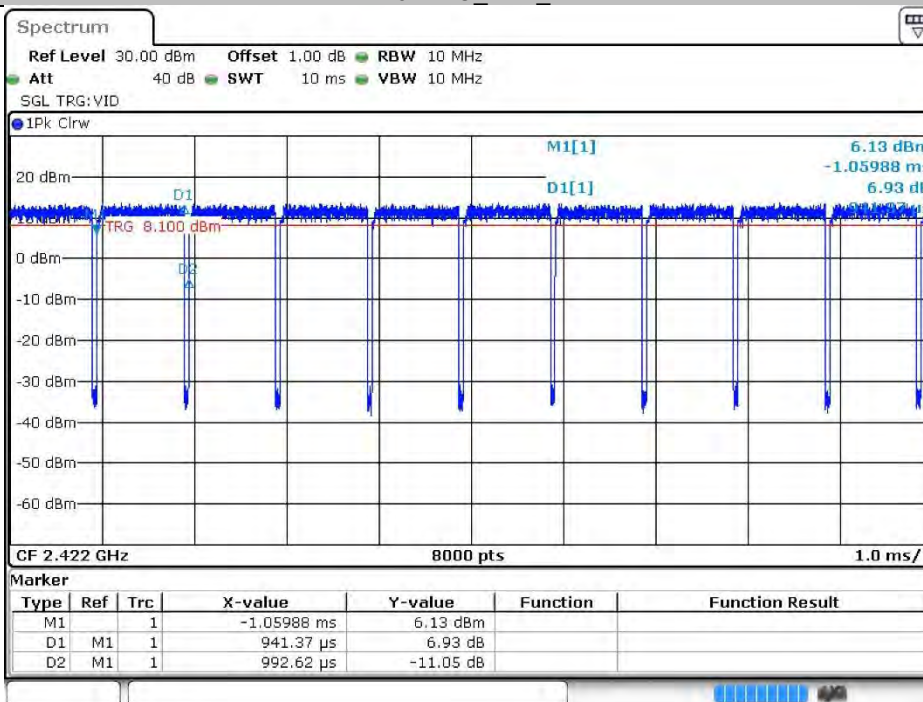
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11N20MIMO_Ant7_2462



Date: 10 MAY 2021 06:52:59

11N40MIMO_Ant4_2422



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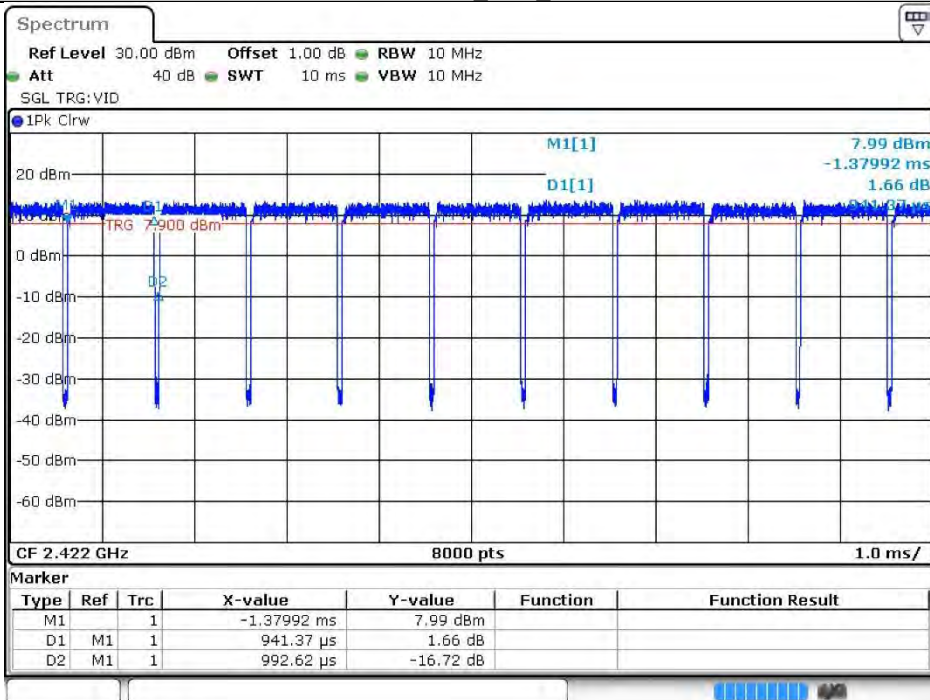
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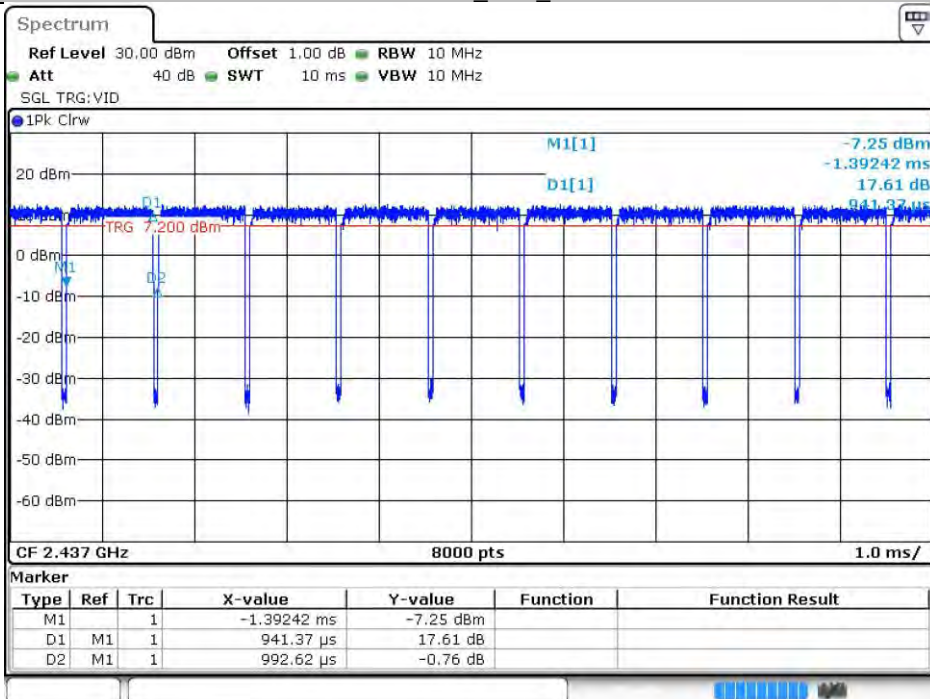
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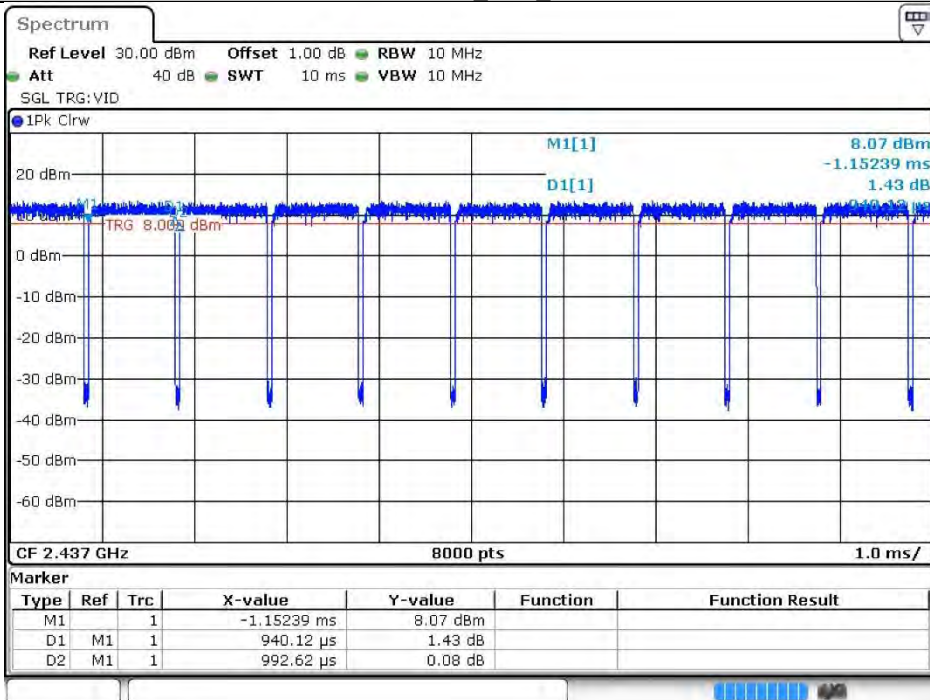
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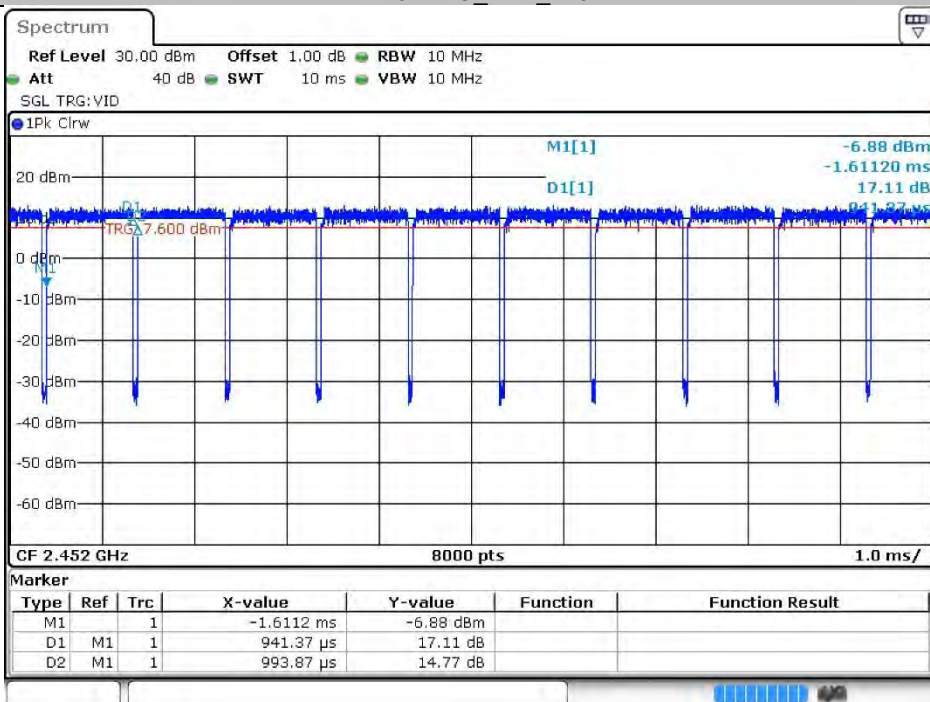
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Date: 10 MAY 2021 07:05:34

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Date: 10 MAY 2021 04:46:36

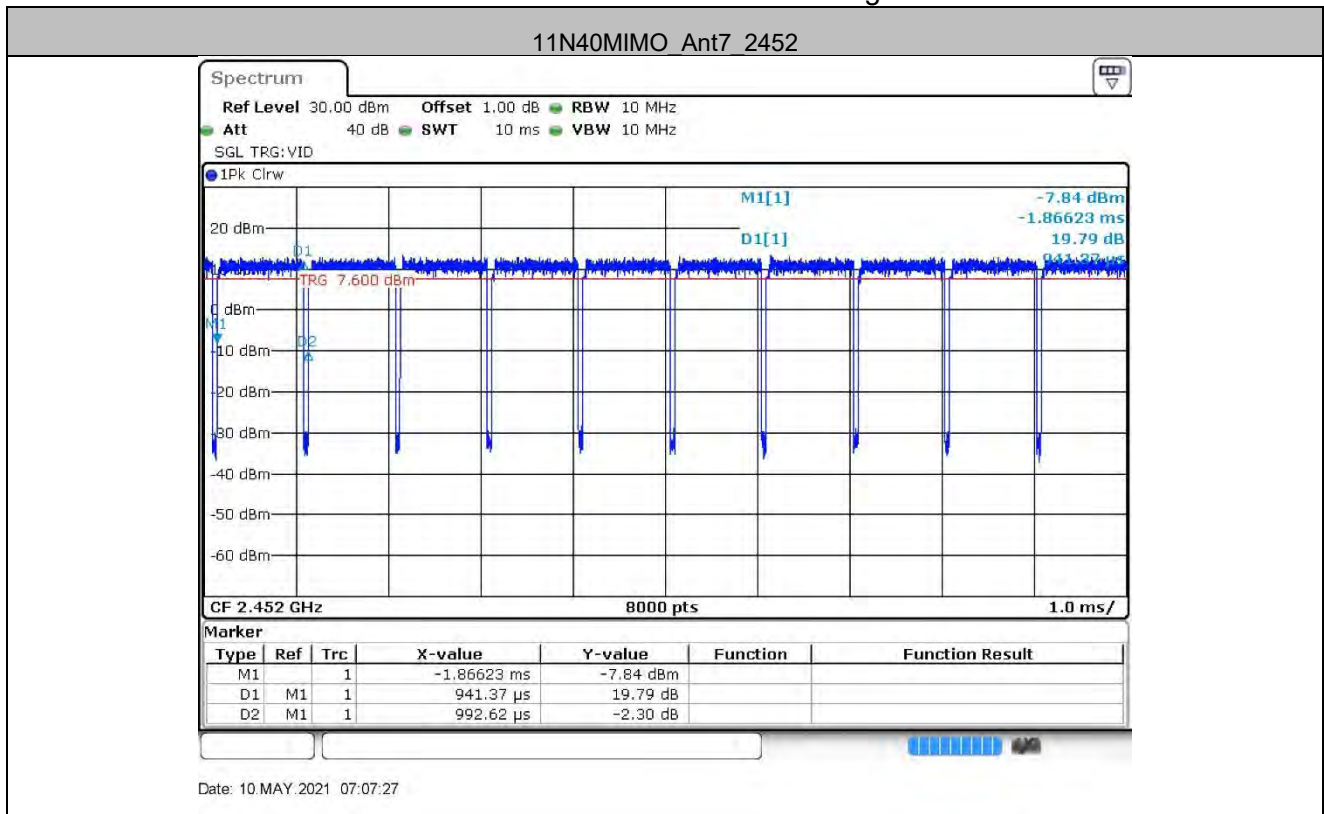


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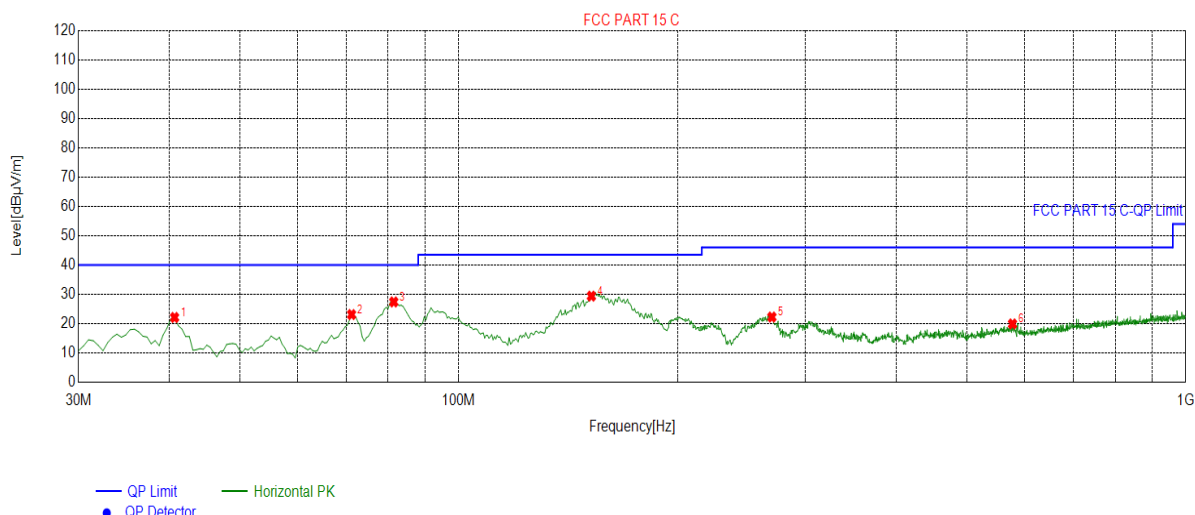
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Radiated Spurious Emissions

Radiated emission below 1GHz

Charge + Transmitting Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.6753	22.10	-22.22	40.00	17.90	214	204	Horizontal
2	71.2456	23.11	-25.28	40.00	16.89	222	250	Horizontal
3	81.4357	27.41	-26.90	40.00	12.59	236	242	Horizontal
4	152.281	29.40	-25.77	43.50	14.10	218	111	Horizontal
5	269.709	22.25	-20.13	46.00	23.75	205	39	Horizontal
6	577.838	19.91	-12.61	46.00	26.09	189	135	Horizontal

Final Data List



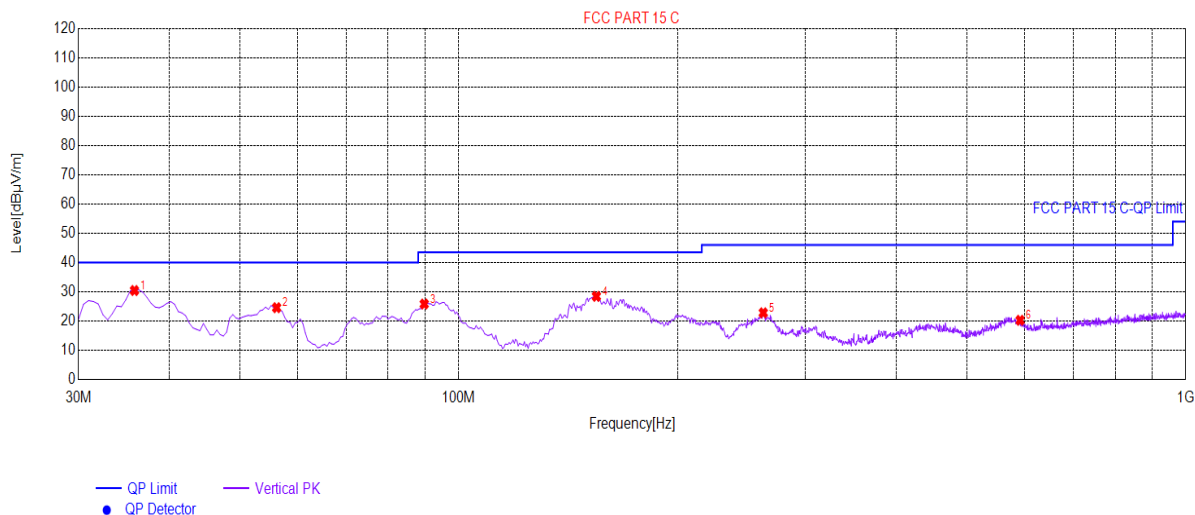
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Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8229	30.43	-23.68	40.00	9.57	189	213	Vertical
2	56.2031	24.57	-22.28	40.00	15.43	187	253	Vertical
3	89.6848	25.82	-24.58	43.50	17.68	165	142	Vertical
4	154.707	28.44	-25.70	43.50	15.06	178	360	Vertical
5	262.431	22.81	-20.33	46.00	23.19	186	25	Vertical
6	591.911	20.26	-12.25	46.00	25.74	195	217	Vertical

Final Data List



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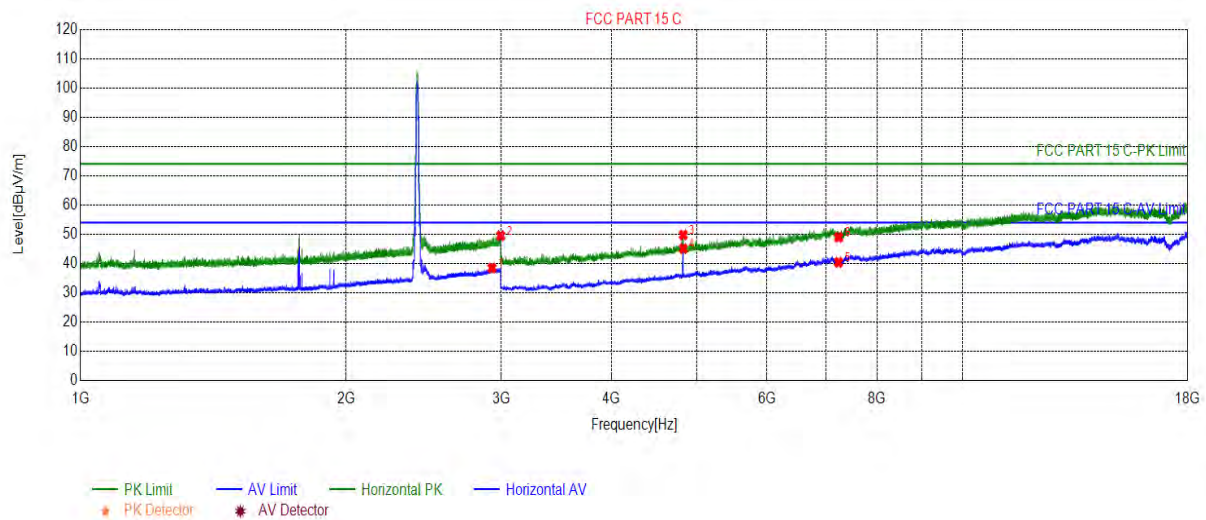
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Transmitter emission above 1GHz

802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2928.59	38.47	10.53	54.00	15.53	189	65	Horizontal
2	2995.49	49.50	10.67	74.00	24.50	241	235	Horizontal
3	4824.00	49.74	-15.31	74.00	24.26	186	360	Horizontal
4	4824.00	45.08	-15.31	54.00	8.92	100	2	Horizontal
5	7236.00	40.39	-8.82	54.00	13.61	211	162	Horizontal
6	7236.00	48.95	-8.82	74.00	25.05	200	299	Horizontal

Final Data List



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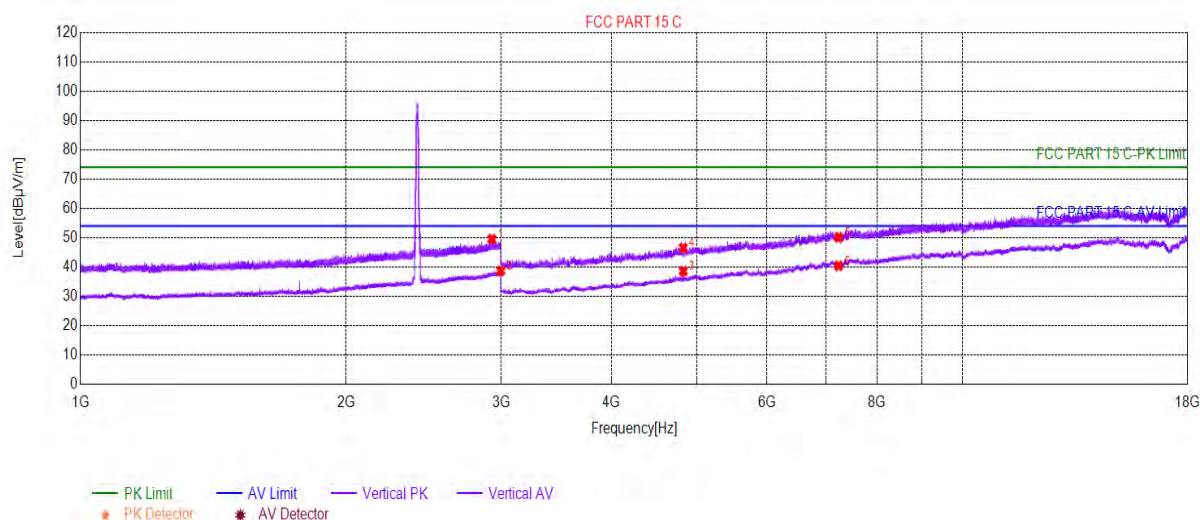
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802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2926.79	49.51	10.50	74.00	24.49	200	164	Vertical
2	2996.09	38.70	10.68	54.00	15.30	125	55	Vertical
3	4824.00	38.56	-15.31	54.00	15.44	136	50	Vertical
4	4824.00	46.55	-15.31	74.00	27.45	147	149	Vertical
5	7236.00	50.11	-8.82	74.00	23.89	100	309	Vertical
6	7236.00	40.40	-8.82	54.00	13.60	200	64	Vertical

Final Data List



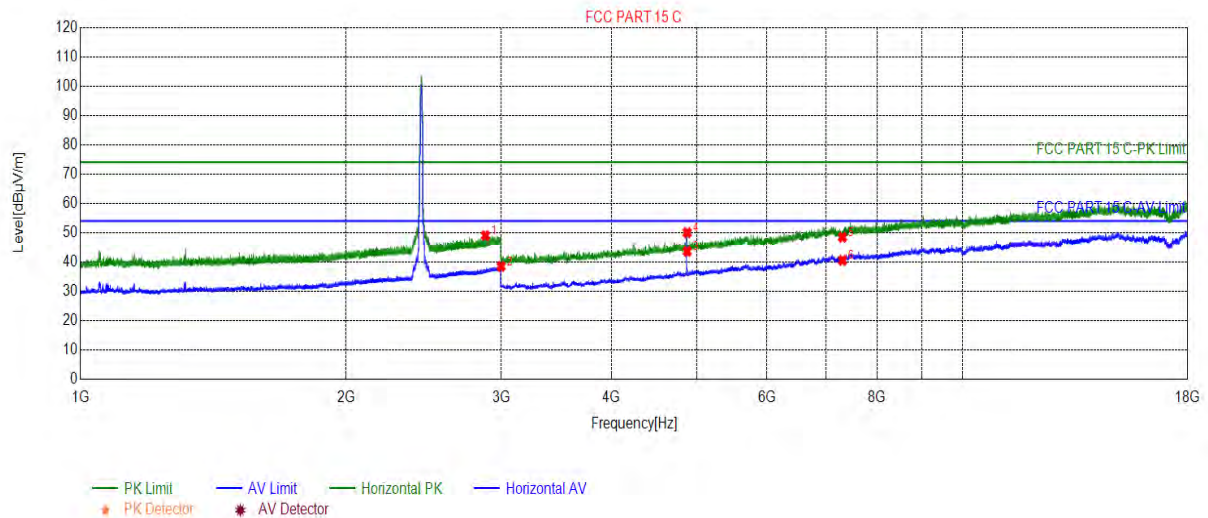
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802.11B_Channel 6

Test Graph



Suspected List

Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2878.49	49.04	9.91	74.00	24.96	134	241	Horizontal
2	2998.69	38.51	10.77	54.00	15.49	147	194	Horizontal
3	4874.00	43.63	-15.09	54.00	10.37	157	256	Horizontal
4	4874.00	50.00	-15.09	74.00	24.00	111	310	Horizontal
5	7311.00	48.43	-8.93	74.00	25.57	200	59	Horizontal
6	7311.00	40.54	-8.93	54.00	13.46	136	40	Horizontal

Final Data List



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Shenzhen Branch Inspection & Testing Services Laboratory

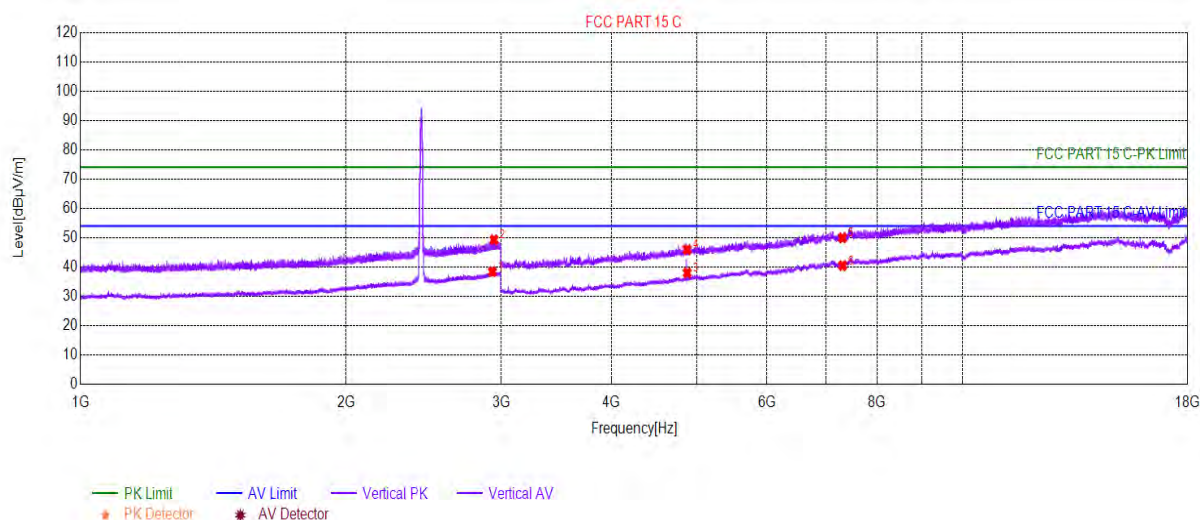
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802.11B_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2930.79	38.44	10.55	54.00	15.56	200	339	Vertical
2	2943.39	49.29	10.52	74.00	24.71	112	219	Vertical
3	4874.00	37.99	-15.09	54.00	16.01	147	131	Vertical
4	4874.00	45.94	-15.09	74.00	28.06	100	131	Vertical
5	7311.00	49.93	-8.93	74.00	24.07	201	29	Vertical
6	7311.00	40.46	-8.93	54.00	13.54	142	358	Vertical

Final Data List



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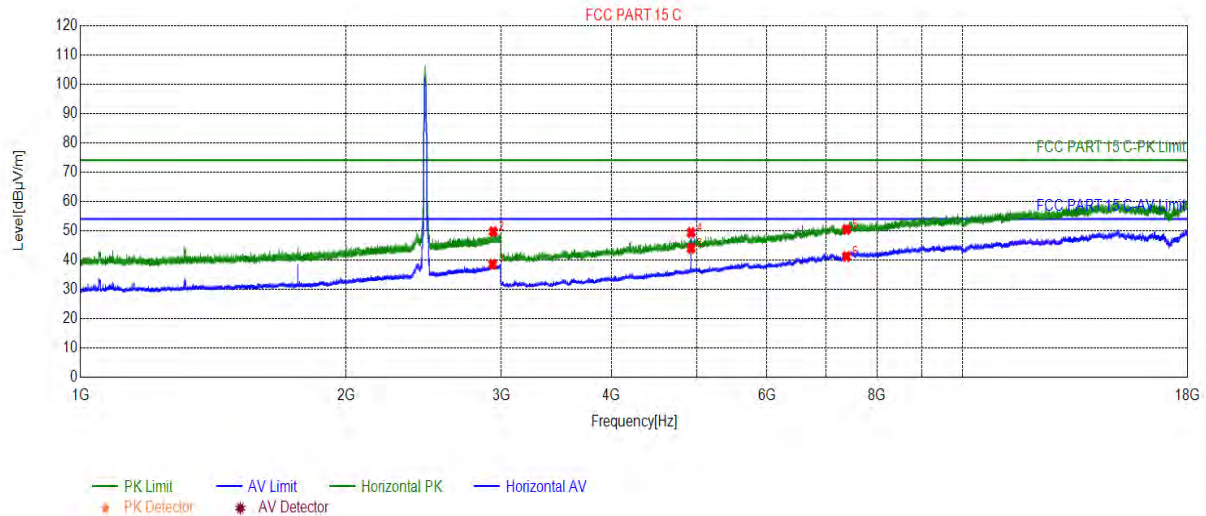
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802.11B_Channel 11

Test Graph



Suspected List

Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2933.39	38.54	10.54	54.00	15.46	112	38	Horizontal
2	2936.89	49.66	10.52	74.00	24.34	213	305	Horizontal
3	4924.00	43.98	-14.74	54.00	10.02	153	354	Horizontal
4	4924.00	49.34	-14.74	74.00	24.66	147	354	Horizontal
5	7386.00	50.38	-7.78	74.00	23.62	163	170	Horizontal
6	7386.00	41.20	-7.78	54.00	12.80	101	68	Horizontal

Final Data List



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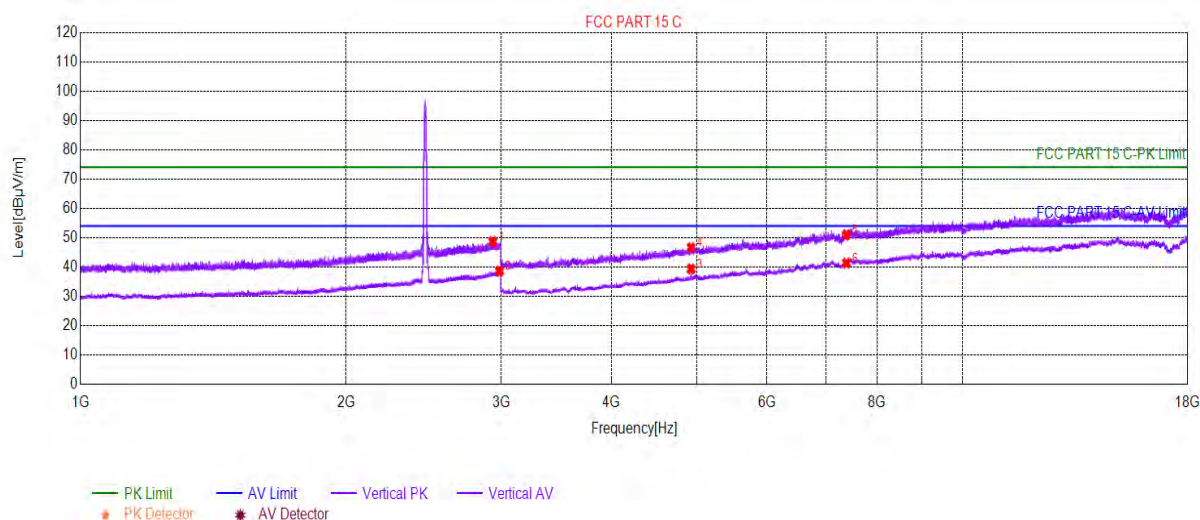
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802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2934.19	48.67	10.53	74.00	25.33	201	96	Vertical
2	2986.39	38.63	10.51	54.00	15.37	221	359	Vertical
3	4924.00	39.31	-14.74	54.00	14.69	214	40	Vertical
4	4924.00	46.62	-14.74	74.00	27.38	200	40	Vertical
5	7386.00	51.02	-7.78	74.00	22.98	206	142	Vertical
6	7386.00	41.34	-7.78	54.00	12.66	223	82	Vertical

Final Data List



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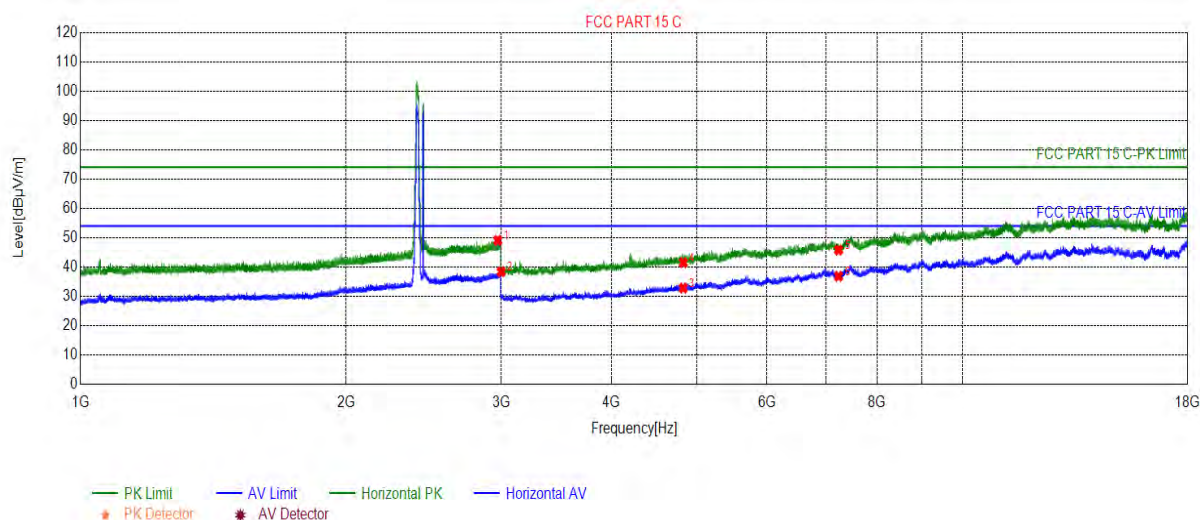
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802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2972.29	49.08	10.38	74.00	24.92	121	202	Horizontal
2	2999.30	38.37	10.79	54.00	15.63	102	18	Horizontal
3	4824.00	32.82	-15.31	54.00	21.18	203	324	Horizontal
4	4824.00	41.49	-15.31	74.00	32.51	212	120	Horizontal
5	7236.00	45.80	-8.82	74.00	28.20	156	350	Horizontal
6	7236.00	36.82	-8.82	54.00	17.18	200	40	Horizontal

Final Data List



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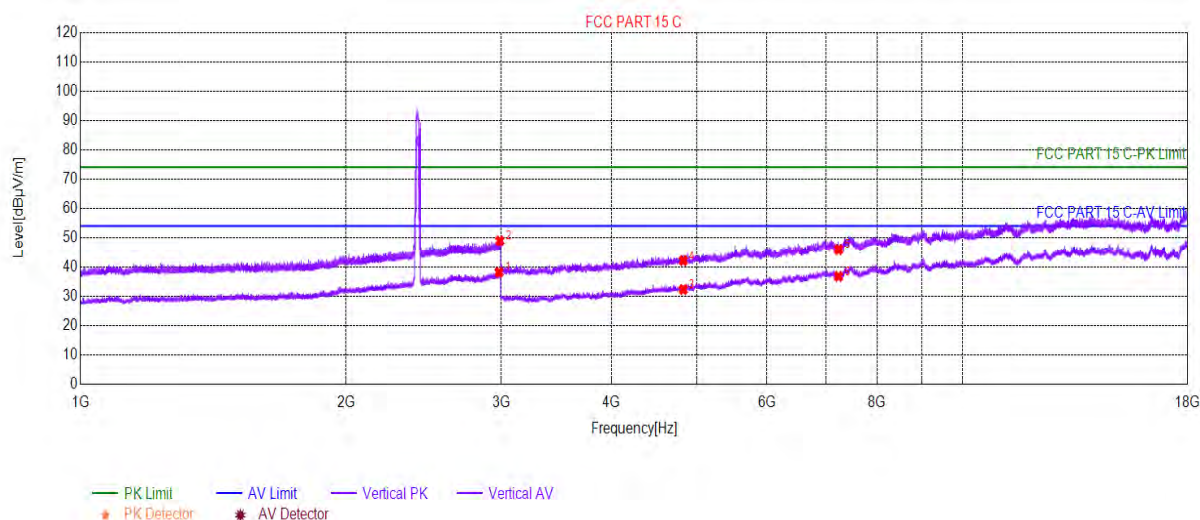
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802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2982.29	38.20	10.53	54.00	15.80	201	115	Vertical
2	2988.49	48.88	10.50	74.00	25.12	156	48	Vertical
3	4824.00	32.31	-15.31	54.00	21.69	213	297	Vertical
4	4824.00	42.16	-15.31	74.00	31.84	200	349	Vertical
5	7236.00	45.96	-8.82	74.00	28.04	112	49	Vertical
6	7236.00	36.78	-8.82	54.00	17.22	200	261	Vertical

Final Data List



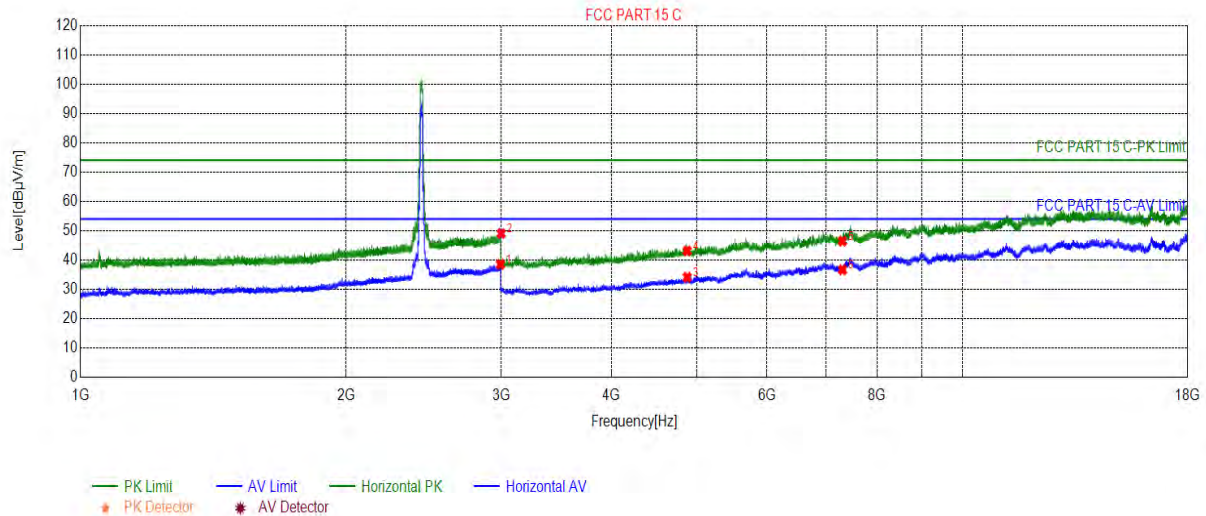
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802.11G_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2993.99	38.53	10.62	54.00	15.47	103	128	Horizontal
2	2999.20	49.05	10.78	74.00	24.95	212	261	Horizontal
3	4874.00	34.09	-15.09	54.00	19.91	156	84	Horizontal
4	4874.00	43.11	-15.09	74.00	30.89	187	358	Horizontal
5	7311.00	46.47	-8.93	74.00	27.53	198	57	Horizontal
6	7311.00	36.66	-8.93	54.00	17.34	196	190	Horizontal

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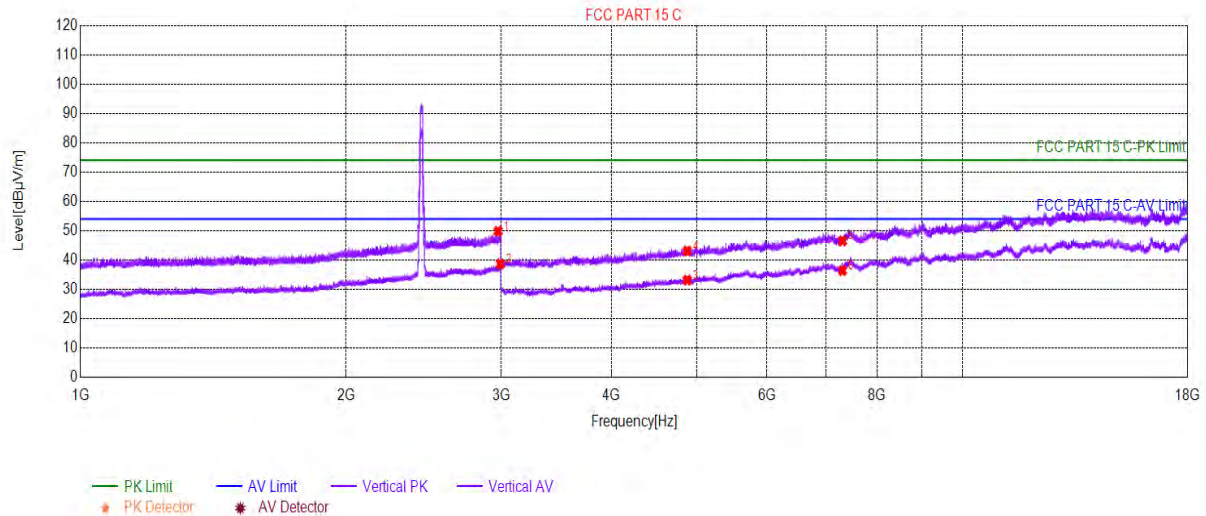
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802.11G_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2975.49	49.82	10.45	74.00	24.18	203	71	Vertical
2	2992.59	38.66	10.57	54.00	15.34	112	16	Vertical
3	4874.00	33.15	-15.09	54.00	20.85	212	235	Vertical
4	4874.00	43.07	-15.09	74.00	30.93	203	120	Vertical
5	7311.00	46.53	-8.93	74.00	27.47	198	253	Vertical
6	7311.00	36.39	-8.93	54.00	17.61	241	49	Vertical

Final Data List



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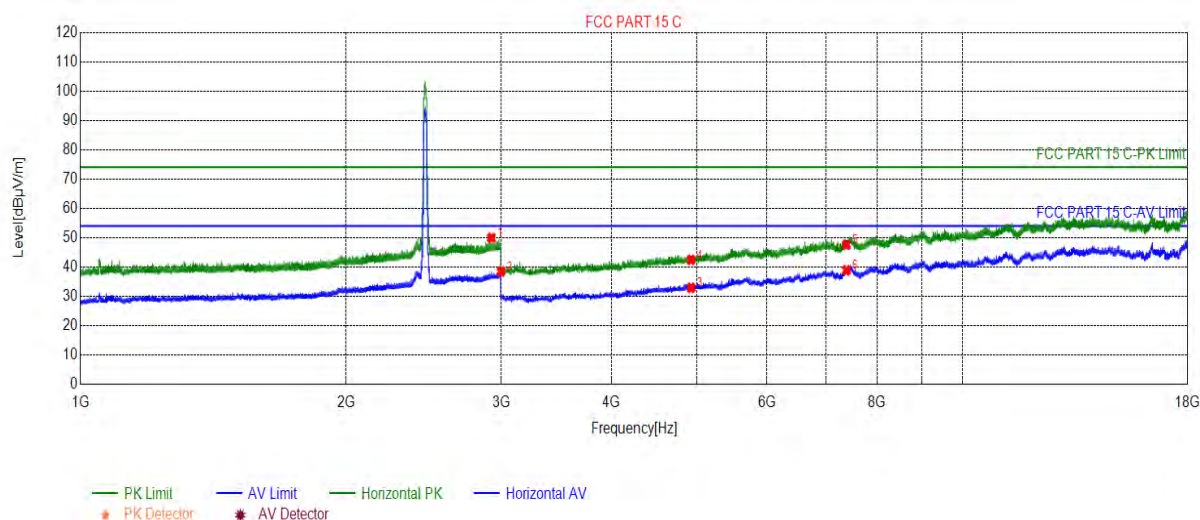
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802.11G_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2923.19	49.93	10.44	74.00	24.07	153	93	Horizontal
2	2998.39	38.48	10.76	54.00	15.52	147	2	Horizontal
3	4924.00	32.92	-14.74	54.00	21.08	159	280	Horizontal
4	4924.00	42.46	-14.74	74.00	31.54	201	314	Horizontal
5	7386.00	47.56	-7.78	74.00	26.44	189	315	Horizontal
6	7386.00	38.88	-7.78	54.00	15.12	200	280	Horizontal

Final Data List



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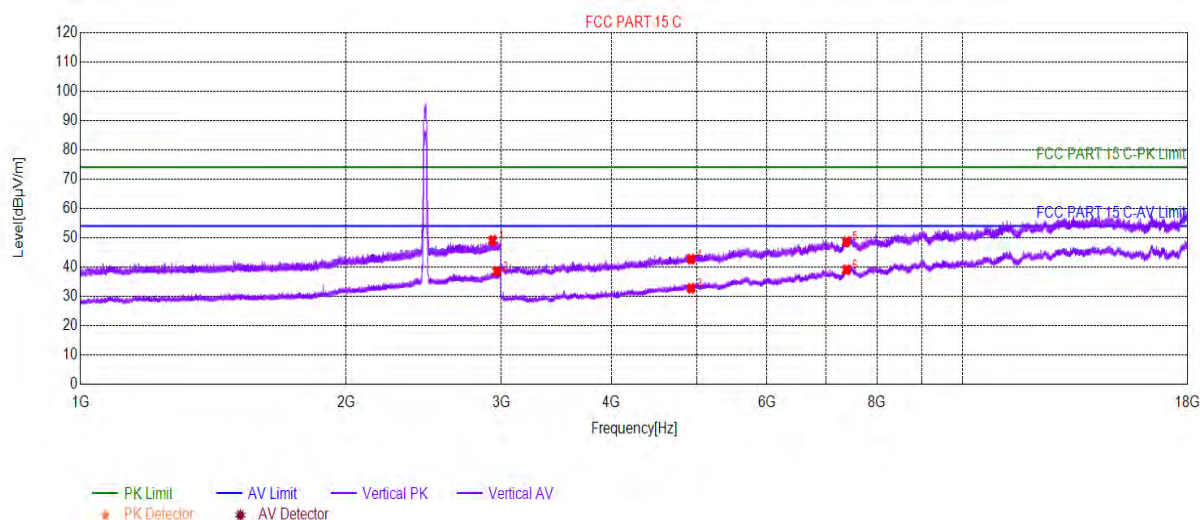
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802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2933.19	49.09	10.54	74.00	24.91	112	9	Vertical
2	2965.39	38.53	10.41	54.00	15.47	132	70	Vertical
3	4924.00	32.74	-14.74	54.00	21.26	145	278	Vertical
4	4924.00	42.70	-14.74	74.00	31.30	103	322	Vertical
5	7386.00	48.64	-7.78	74.00	25.36	200	297	Vertical
6	7386.00	39.06	-7.78	54.00	14.94	114	269	Vertical

Final Data List



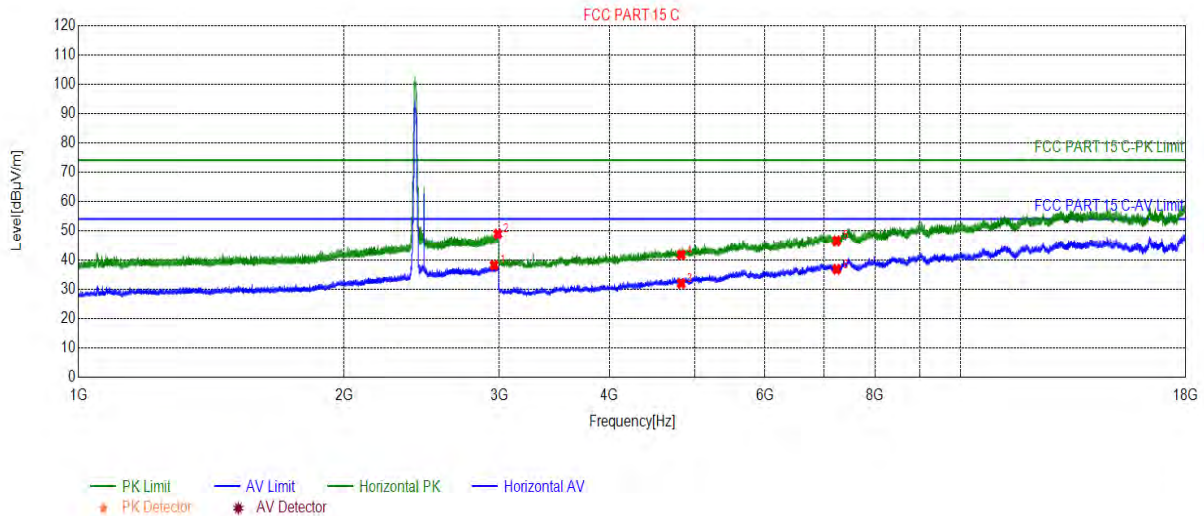
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802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2959.29	38.24	10.52	54.00	15.76	112	186	Horizontal
2	2988.39	48.86	10.50	74.00	25.14	200	54	Horizontal
3	4824.00	32.00	-15.31	54.00	22.00	213	315	Horizontal
4	4824.00	41.77	-15.31	74.00	32.23	203	75	Horizontal
5	7236.00	46.55	-8.82	74.00	27.45	156	198	Horizontal
6	7236.00	36.84	-8.82	54.00	17.16	177	4	Horizontal

Final Data List



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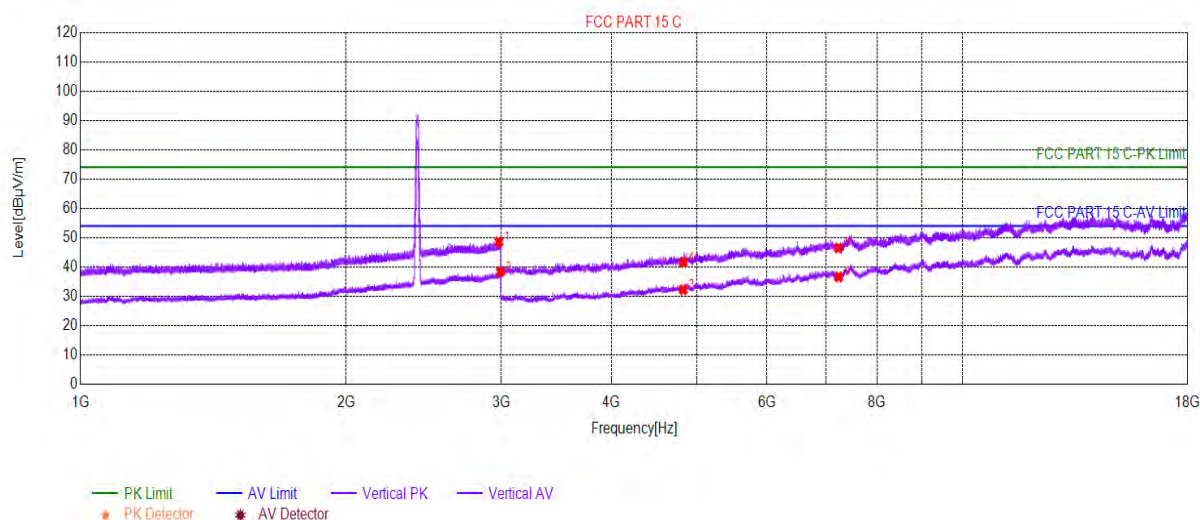
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802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2981.09	48.58	10.54	74.00	25.42	201	132	Vertical
2	2993.89	38.40	10.61	54.00	15.60	188	278	Vertical
3	4824.00	32.23	-15.31	54.00	21.77	213	285	Vertical
4	4824.00	41.64	-15.31	74.00	32.36	221	125	Vertical
5	7236.00	46.53	-8.82	74.00	27.47	216	231	Vertical
6	7236.00	36.59	-8.82	54.00	17.41	222	358	Vertical

Final Data List



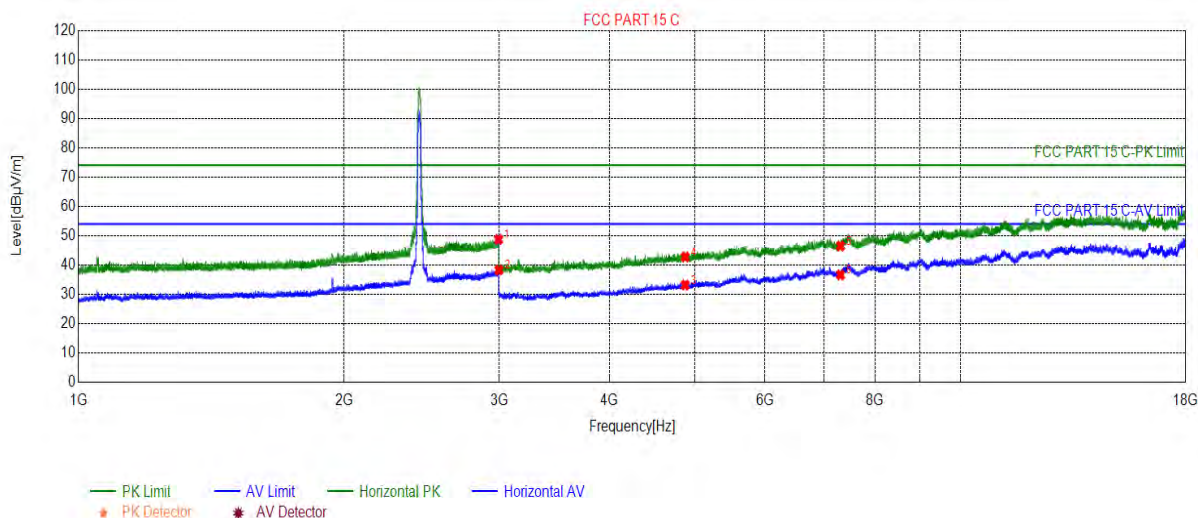
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802.11N20_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2994.09	48.70	10.62	74.00	25.30	208	193	Horizontal
2	2996.89	38.30	10.71	54.00	15.70	189	154	Horizontal
3	4874.00	33.17	-15.09	54.00	20.83	178	350	Horizontal
4	4874.00	42.73	-15.09	74.00	31.27	169	218	Horizontal
5	7311.00	46.50	-8.93	74.00	27.50	158	147	Horizontal
6	7311.00	36.63	-8.93	54.00	17.37	214	40	Horizontal

Final Data List



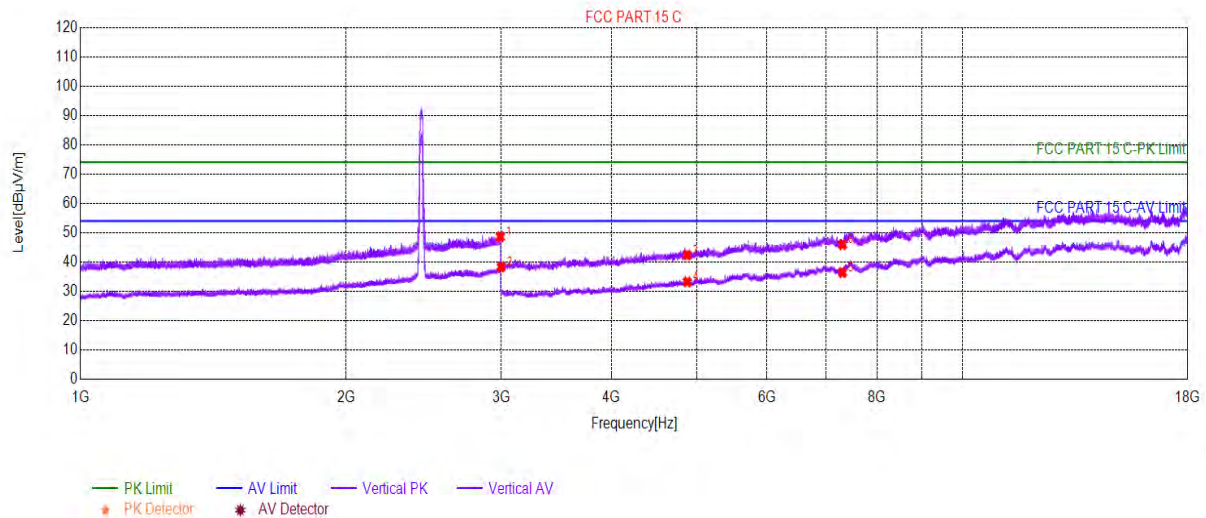
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802.11N20_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2992.69	48.61	10.58	74.00	25.39	213	296	Vertical
2	2998.79	38.34	10.77	54.00	15.66	205	117	Vertical
3	4874.00	42.39	-15.09	74.00	31.61	188	254	Vertical
4	4874.00	33.22	-15.09	54.00	20.78	124	112	Vertical
5	7311.00	36.39	-8.93	54.00	17.61	214	201	Vertical
6	7311.00	45.89	-8.93	74.00	28.11	221	358	Vertical

Final Data List



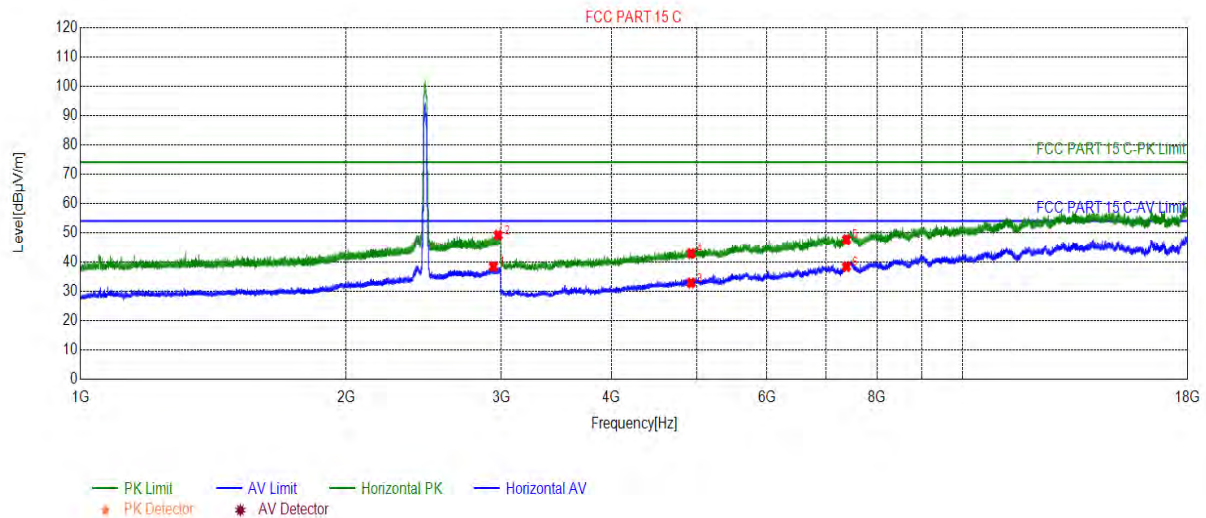
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Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2938.29	38.45	10.51	54.00	15.55	112	280	Horizontal
2	2976.09	49.15	10.46	74.00	24.85	108	169	Horizontal
3	4924.00	32.85	-14.74	54.00	21.15	132	160	Horizontal
4	4924.00	42.92	-14.74	74.00	31.08	207	164	Horizontal
5	7386.00	47.55	-7.78	74.00	26.45	158	104	Horizontal
6	7386.00	38.39	-7.78	54.00	15.61	203	342	Horizontal

Final Data List



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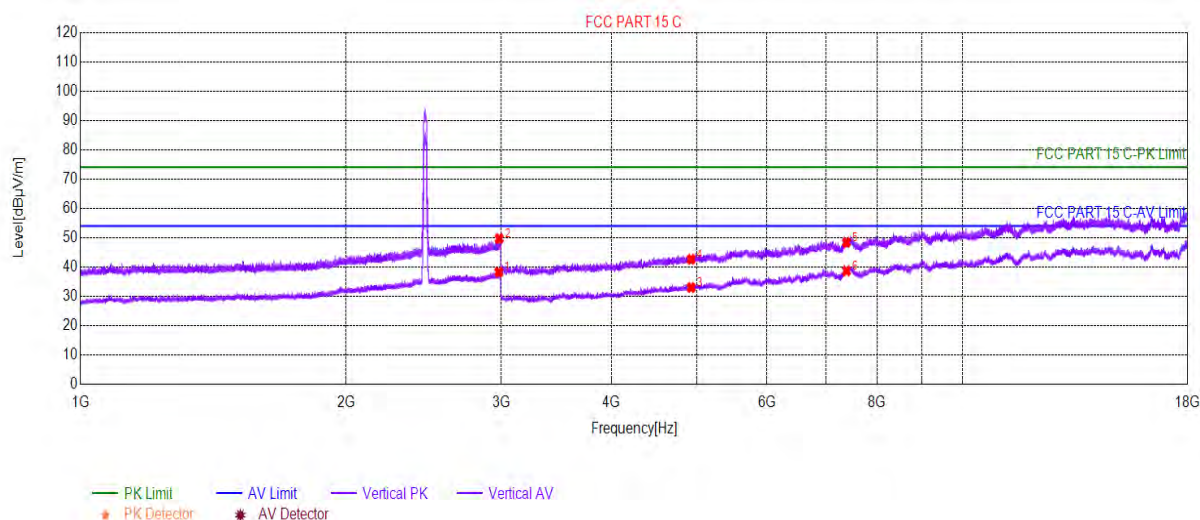
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Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2980.69	38.28	10.54	54.00	15.72	213	32	Vertical
2	2983.89	49.69	10.52	74.00	24.31	223	102	Vertical
3	4924.00	32.99	-14.74	54.00	21.01	208	270	Vertical
4	4924.00	42.62	-14.74	74.00	31.38	214	6	Vertical
5	7386.00	48.39	-7.78	74.00	25.61	185	138	Vertical
6	7386.00	38.68	-7.78	54.00	15.32	211	23	Vertical

Final Data List



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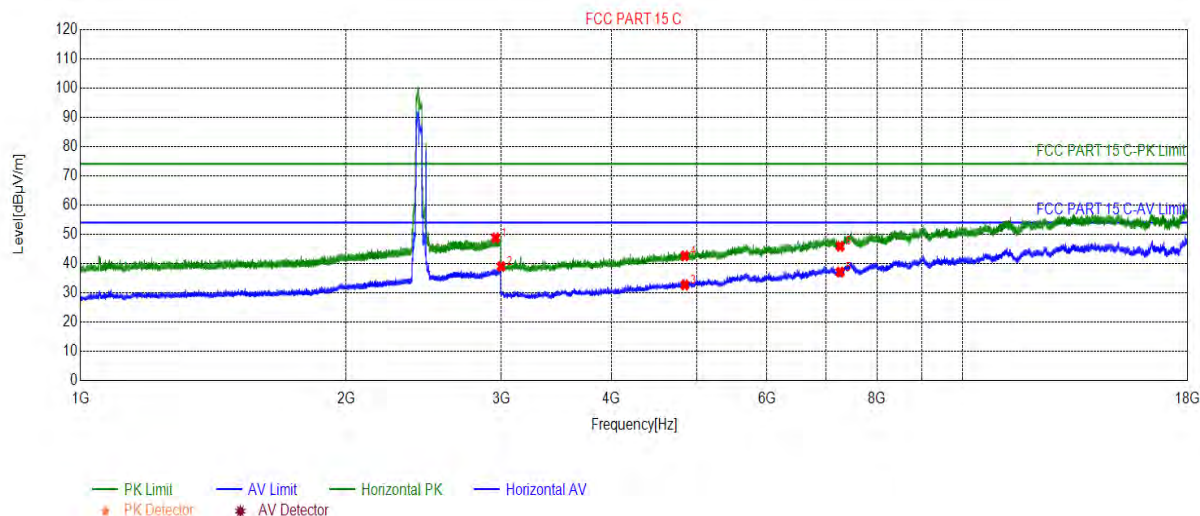
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802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2955.89	48.76	10.54	74.00	25.24	239	174	Horizontal
2	2999.10	38.98	10.78	54.00	15.02	284	297	Horizontal
3	4844.00	32.67	-15.21	54.00	21.33	224	244	Horizontal
4	4844.00	42.60	-15.21	74.00	31.40	205	138	Horizontal
5	7266.00	37.08	-9.04	54.00	16.92	278	32	Horizontal
6	7266.00	45.86	-9.04	74.00	28.14	271	57	Horizontal

Final Data List



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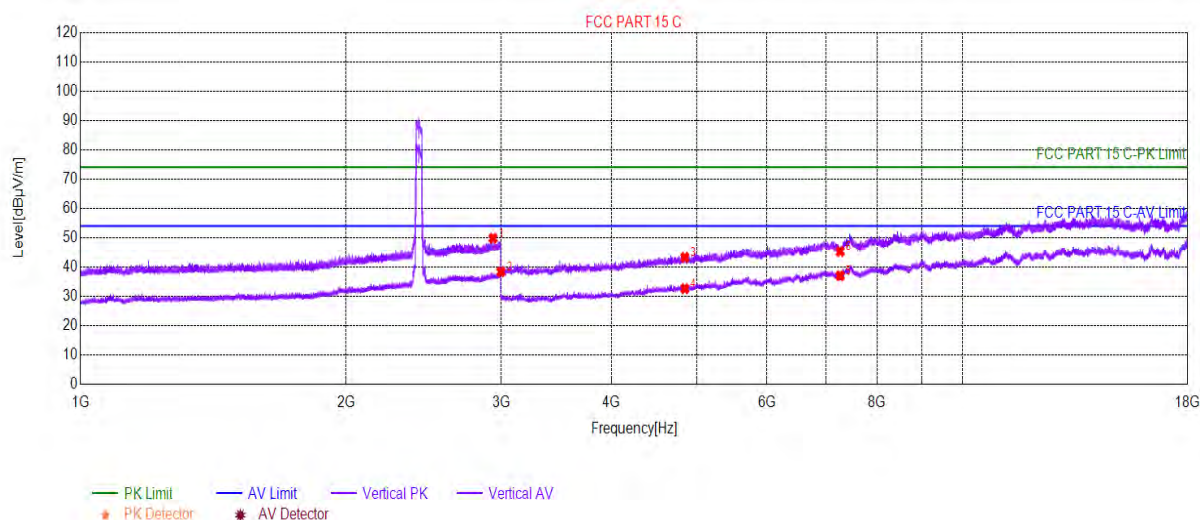
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802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2936.09	49.80	10.52	74.00	24.20	201	239	Vertical
2	2997.39	38.39	10.73	54.00	15.61	158	293	Vertical
3	4844.00	43.28	-15.21	74.00	30.72	235	178	Vertical
4	4844.00	32.58	-15.21	54.00	21.42	214	98	Vertical
5	7266.00	37.02	-9.04	54.00	16.98	226	236	Vertical
6	7266.00	45.29	-9.04	74.00	28.71	204	169	Vertical

Final Data List



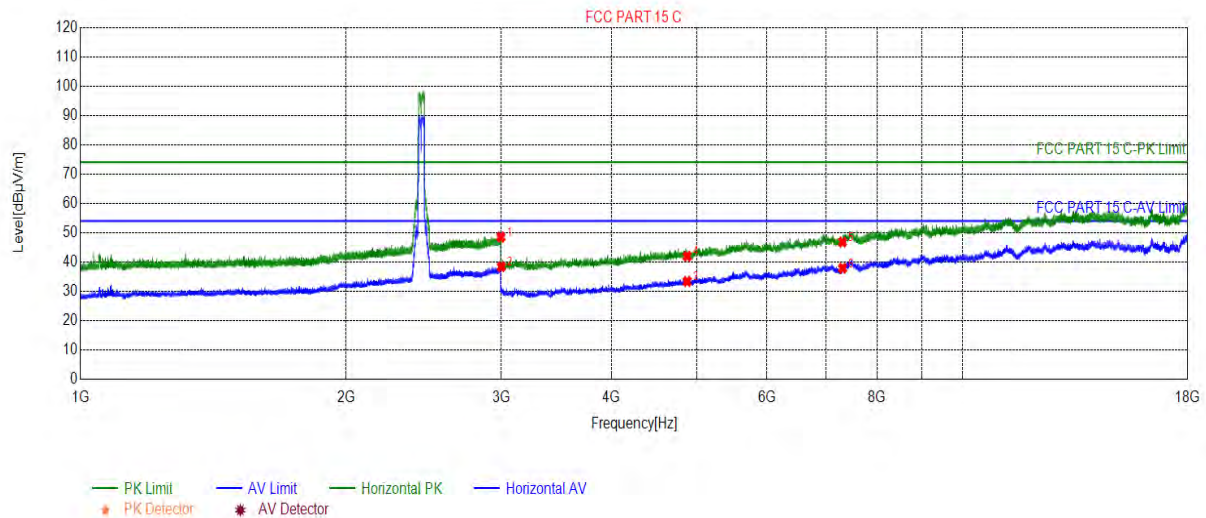
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802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2996.29	48.51	10.69	74.00	25.49	251	56	Horizontal
2	3000.00	38.40	10.81	54.00	15.60	235	341	Horizontal
3	4874.00	33.37	-15.09	54.00	20.63	210	84	Horizontal
4	4874.00	41.95	-15.09	74.00	32.05	143	192	Horizontal
5	7311.00	46.81	-8.93	74.00	27.19	164	182	Horizontal
6	7311.00	37.86	-8.93	54.00	16.14	105	262	Horizontal

Final Data List



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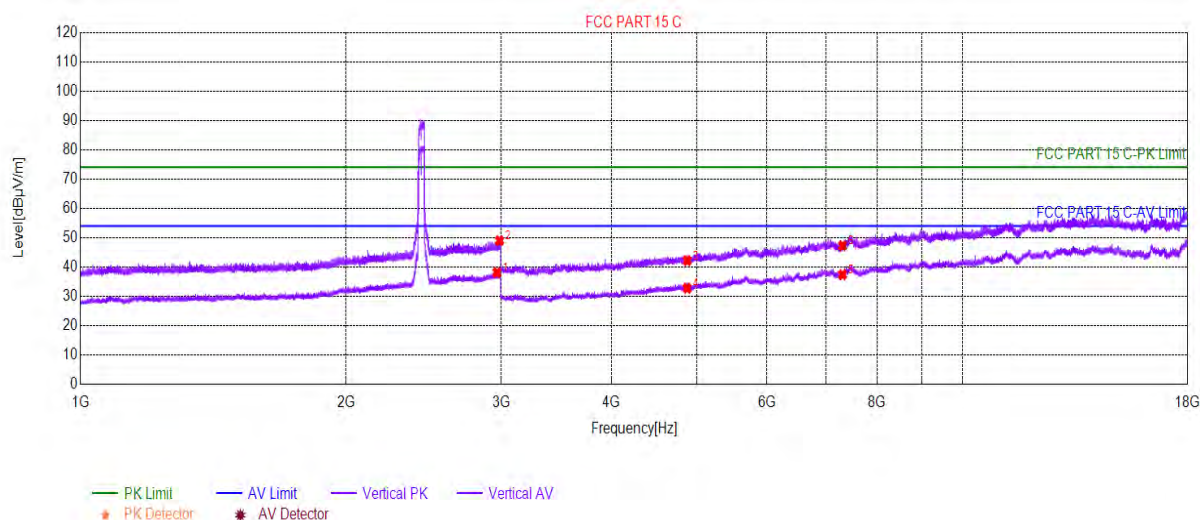
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802.11N40_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2965.59	38.11	10.41	54.00	15.89	183	356	Vertical
2	2986.69	49.00	10.51	74.00	25.00	134	194	Vertical
3	4874.00	42.16	-15.09	74.00	31.84	156	286	Vertical
4	4874.00	32.75	-15.09	54.00	21.25	287	23	Vertical
5	7311.00	37.39	-8.93	54.00	16.61	304	78	Vertical
6	7311.00	47.27	-8.93	74.00	26.73	332	251	Vertical

Final Data List



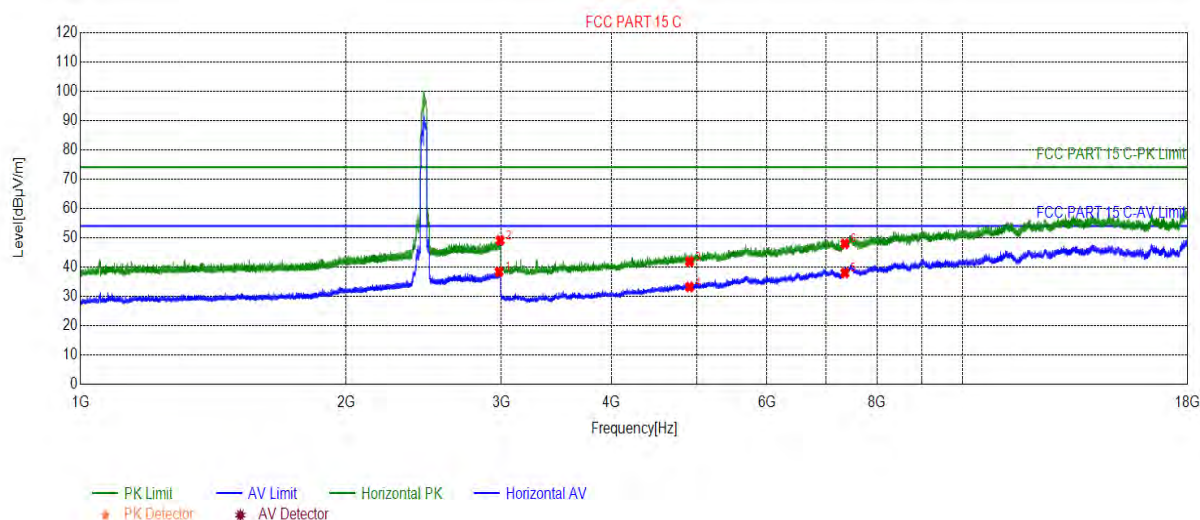
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802.11N40_Channel 9

Test Graph



Suspected List

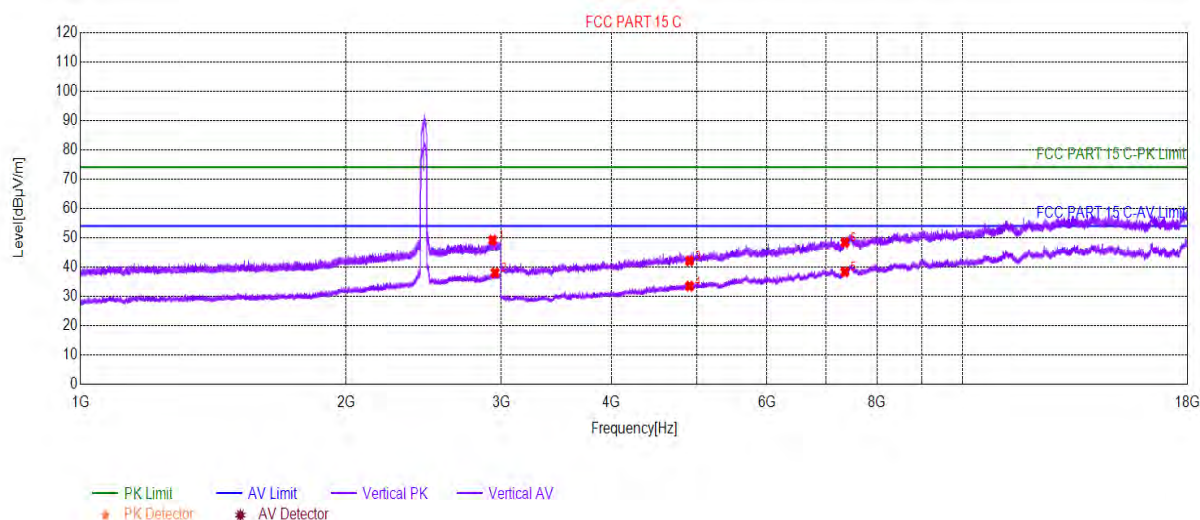
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2982.29	38.36	10.53	54.00	15.64	105	316	Horizontal
2	2990.59	49.06	10.51	74.00	24.94	187	2	Horizontal
3	4904.00	41.85	-14.95	74.00	32.15	214	341	Horizontal
4	4904.00	33.20	-14.95	54.00	20.80	226	257	Horizontal
5	7356.00	37.97	-7.68	54.00	16.03	285	19	Horizontal
6	7356.00	47.92	-7.68	74.00	26.08	200	274	Horizontal

Final Data List



802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2933.09	49.15	10.54	74.00	24.85	125	218	Vertical
2	2951.89	38.03	10.56	54.00	15.97	164	299	Vertical
3	4904.00	42.07	-14.95	74.00	31.93	250	49	Vertical
4	4904.00	33.46	-14.95	54.00	20.54	229	224	Vertical
5	7356.00	38.31	-7.68	54.00	15.69	201	23	Vertical
6	7356.00	48.37	-7.68	74.00	25.63	238	171	Vertical

Final Data List

Remark:

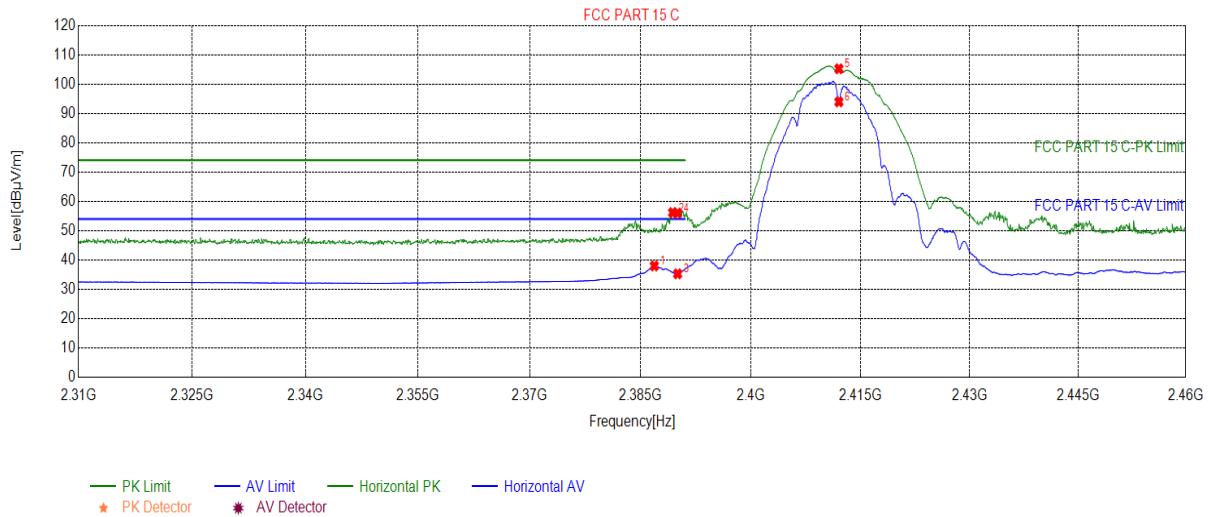
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance between 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.



Restricted bands around fundamental frequency

802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.83	37.98	9.52	54.00	16.02	100	75.0	Horizontal
2	2389.31	56.16	9.58	74.00	17.84	145	80	Horizontal
3	2390.00	35.29	9.60	54.00	18.71	186	120	Horizontal
4	2390.00	56.00	9.60	74.00	18.00	199	158	Horizontal
5	2412.00	105.19	9.85	0.00	-105.19	348	294	Horizontal
6	2412.00	93.91	9.85	0.00	-93.91	292	327	Horizontal

Final Data List



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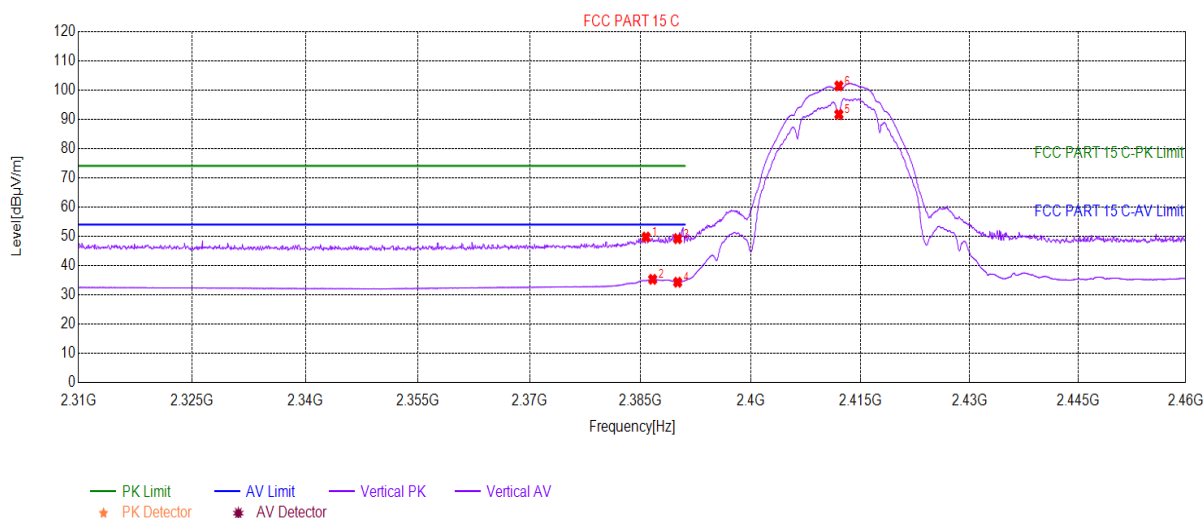
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802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.71	49.71	9.49	74.00	24.29	340	43.0	Vertical
2	2386.61	35.27	9.51	54.00	18.73	250	86	Vertical
3	2390.00	49.16	9.60	74.00	24.84	301	92	Vertical
4	2390.00	34.28	9.60	54.00	19.72	270	310	Vertical
5	2412.00	91.62	9.85	0.00	-91.62	180	286	Vertical
6	2412.00	101.37	9.85	0.00	-101.37	152	201	Vertical

Final Data List

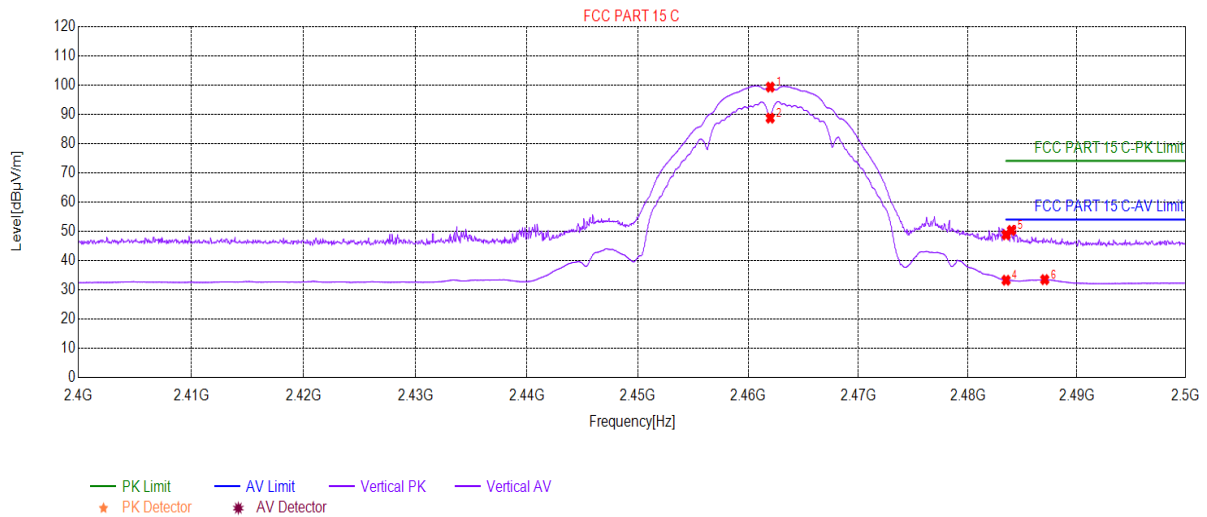


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802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	99.25	8.25	0.00	-99.25	320	360.0	Vertical
2	2462.00	88.65	8.25	0.00	-88.65	225	350	Vertical
3	2483.50	48.80	8.48	74.00	25.20	108	278	Vertical
4	2483.50	33.25	8.48	54.00	20.75	340	150	Vertical
5	2483.99	50.27	8.49	74.00	23.73	188	341	Vertical
6	2487.04	33.46	8.49	54.00	20.54	190	269	Vertical

Final Data List

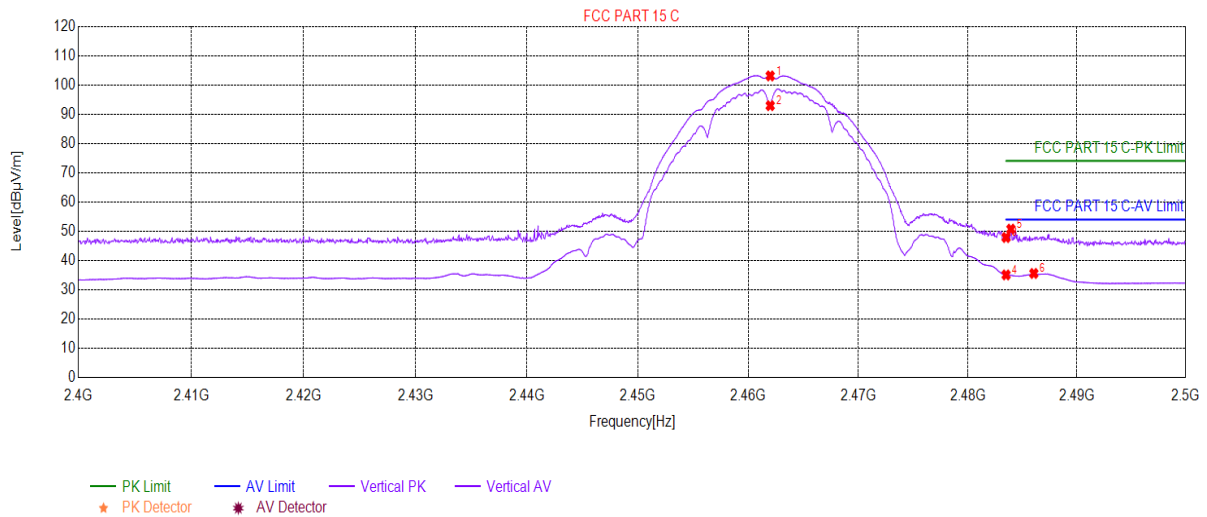


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802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	103.06	8.25	0.00	-103.06	311	30.0	Vertical
2	2462.00	92.89	8.25	0.00	-92.89	325	60	Vertical
3	2483.50	47.86	8.48	74.00	26.14	150	78	Vertical
4	2483.50	35.08	8.48	54.00	18.92	310	351	Vertical
5	2483.94	50.72	8.49	74.00	23.28	294	208	Vertical
6	2486.04	35.58	8.49	54.00	18.42	188	246	Vertical

Final Data List



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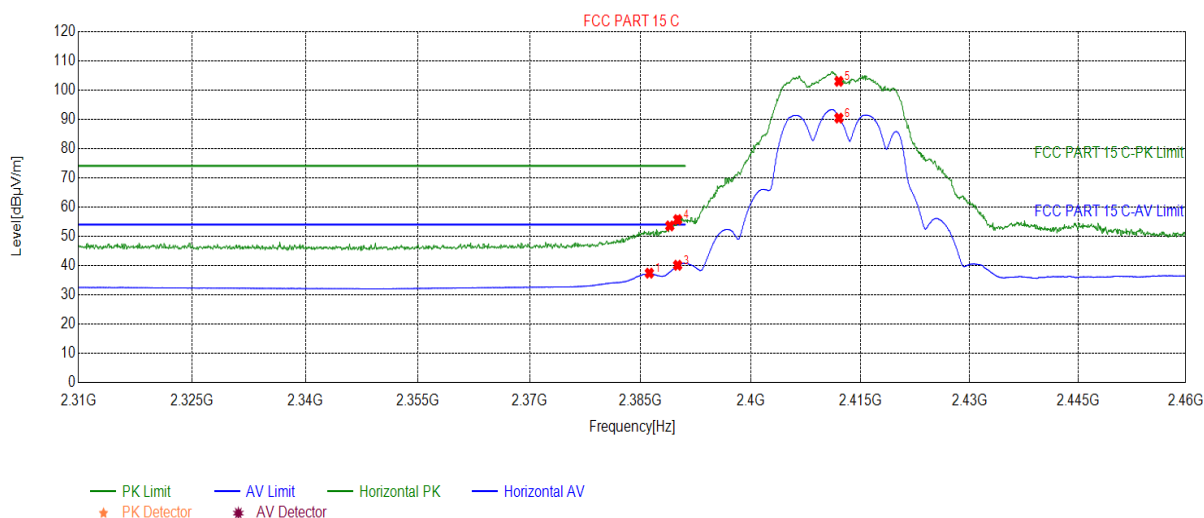
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802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.16	37.39	9.50	54.00	16.61	102	83	Horizontal
2	2388.93	53.53	9.57	74.00	20.47	183	95	Horizontal
3	2390.00	40.08	9.60	54.00	13.92	352	49	Horizontal
4	2390.00	55.65	9.60	74.00	18.35	330	99	Horizontal
5	2412.00	102.92	9.85	0.00	-102.92	285	235	Horizontal
6	2412.00	90.37	9.85	0.00	-90.37	143	341	Horizontal

Final Data List



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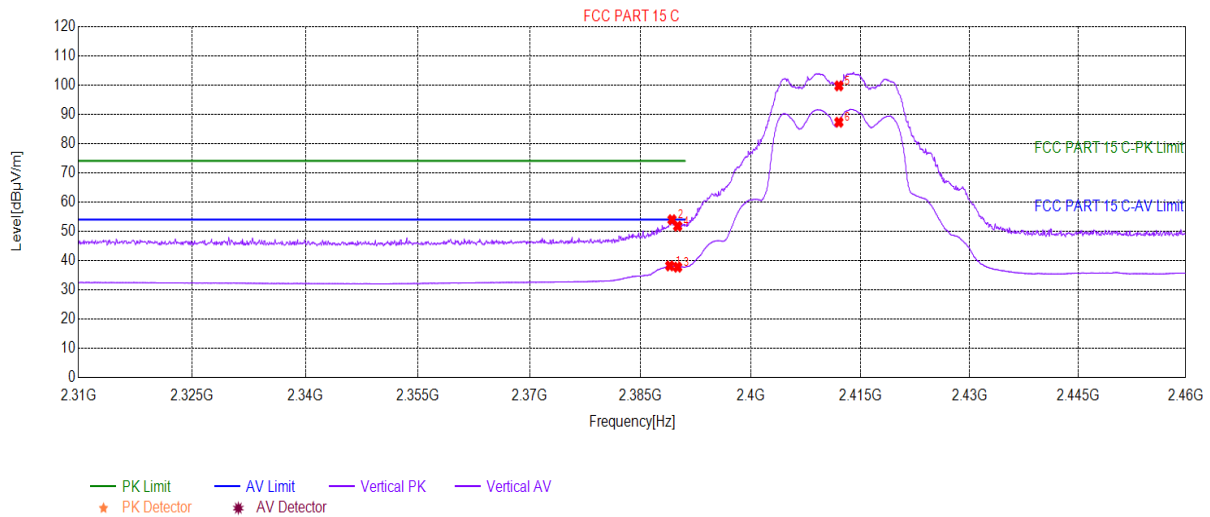
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802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.93	38.17	9.57	54.00	15.83	332	58	Vertical
2	2389.23	53.92	9.58	74.00	20.08	351	108	Vertical
3	2390.00	37.73	9.60	54.00	16.27	247	91	Vertical
4	2390.00	51.74	9.60	74.00	22.26	357	274	Vertical
5	2412.00	99.66	9.85	0.00	-99.66	160	155	Vertical
6	2412.00	87.24	9.85	0.00	-87.24	297	147	Vertical

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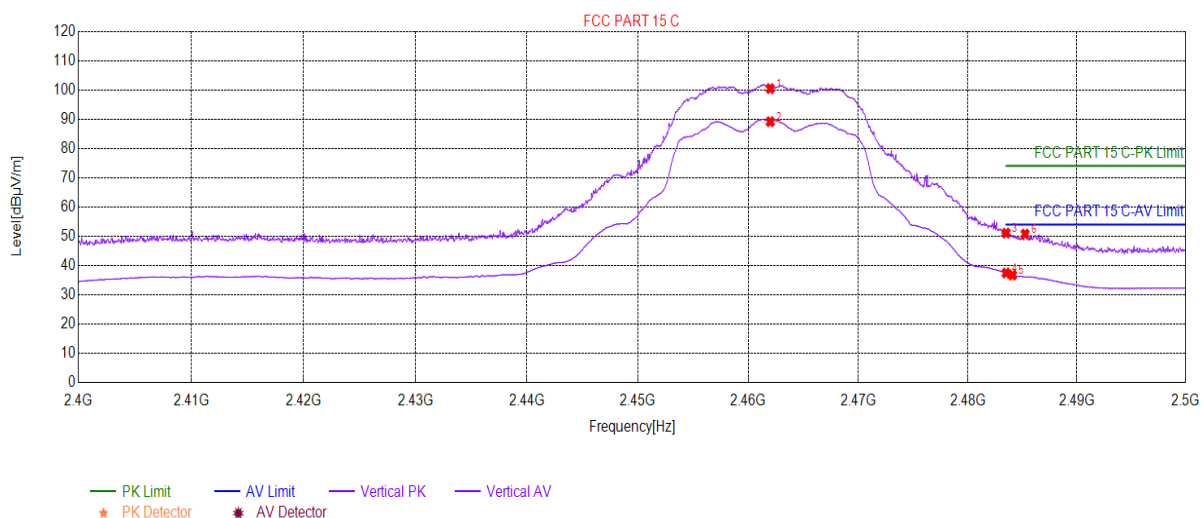
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802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	100.44	8.25	0.00	-100.44	350	51	Vertical
2	2462.00	89.12	8.25	0.00	-89.12	289	39	Vertical
3	2483.50	51.07	8.48	74.00	22.93	332	67	Vertical
4	2483.50	37.43	8.48	54.00	16.57	280	150	Vertical
5	2484.09	36.73	8.49	54.00	17.27	190	351	Vertical
6	2485.24	50.74	8.49	74.00	23.26	283	256	Vertical

Final Data List

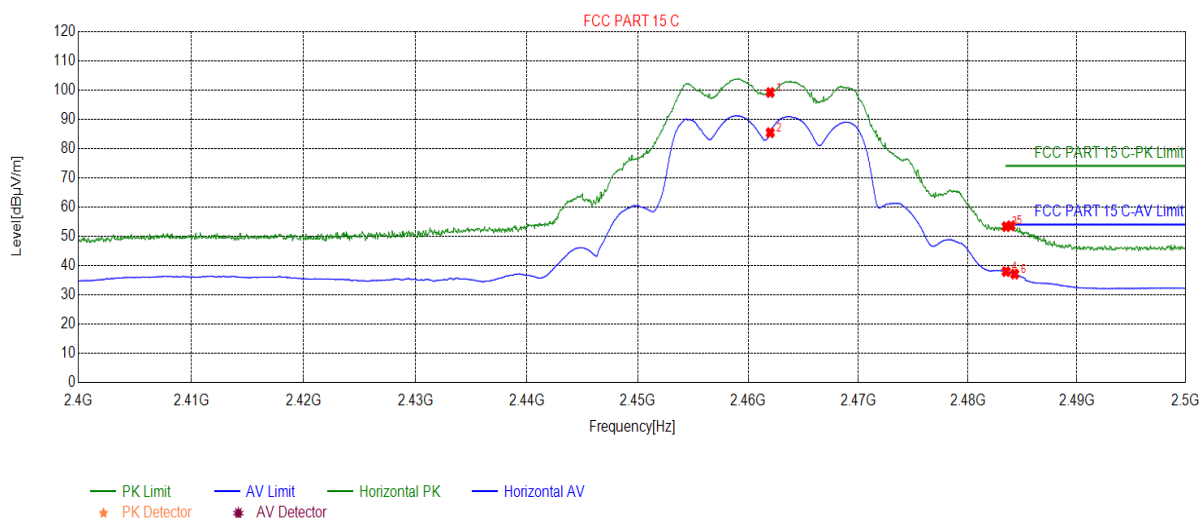


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802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	99.09	8.25	0.00	-99.09	100	85	Horizontal
2	2462.00	85.37	8.25	0.00	-85.37	224	91	Horizontal
3	2483.50	53.29	8.48	74.00	20.71	350	76	Horizontal
4	2483.50	37.93	8.48	54.00	16.07	105	153	Horizontal
5	2483.94	53.54	8.49	74.00	20.46	199	288	Horizontal
6	2484.29	37.07	8.49	54.00	16.93	120	30	Horizontal

Final Data List

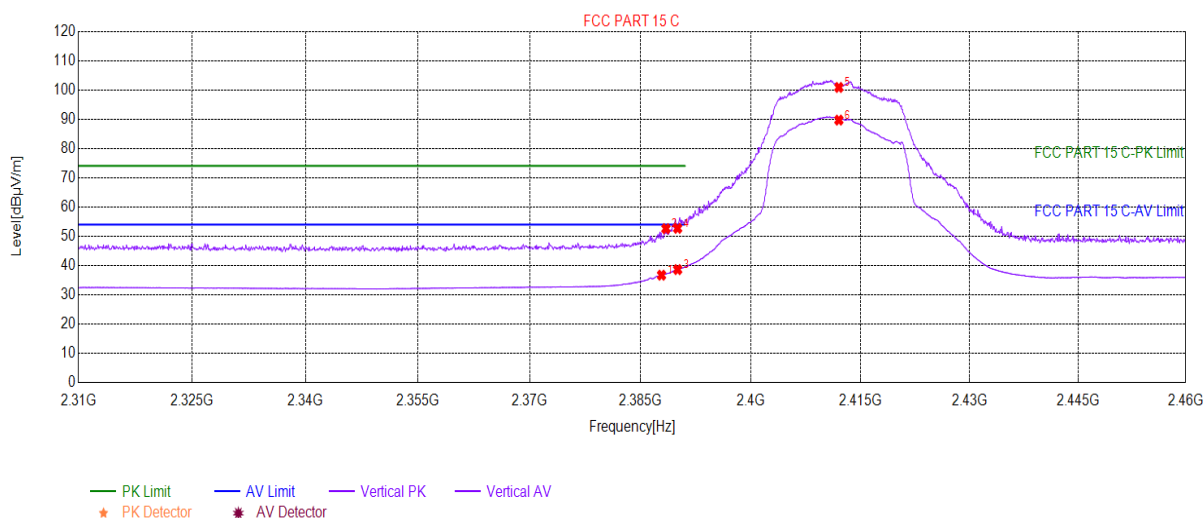


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802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.81	36.70	9.54	54.00	17.30	245	58	Vertical
2	2388.41	52.58	9.56	74.00	21.42	322	143	Vertical
3	2390.00	38.61	9.60	54.00	15.39	315	260	Vertical
4	2390.00	52.70	9.60	74.00	21.30	246	122	Vertical
5	2412.00	100.84	9.85	0.00	-100.84	356	35	Vertical
6	2412.00	89.68	9.85	0.00	-89.68	333	25	Vertical

Final Data List

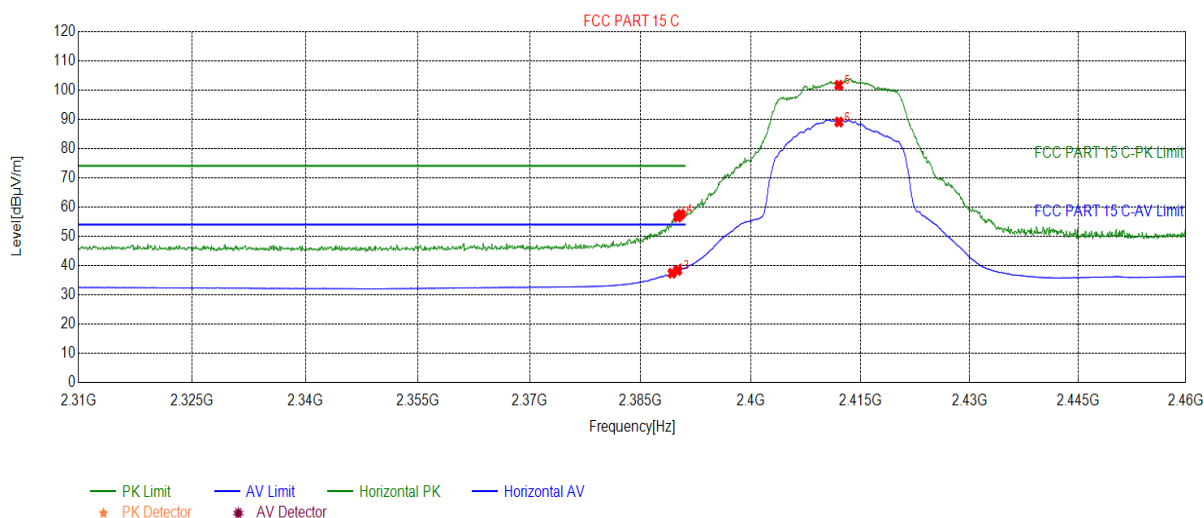


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802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.23	37.36	9.58	54.00	16.64	301	348	Horizontal
2	2390.00	56.53	9.60	74.00	17.47	219	355	Horizontal
3	2390.00	38.33	9.60	54.00	15.67	184	290	Horizontal
4	2390.44	57.52	9.61	74.00	16.48	342	278	Horizontal
5	2412.00	101.59	9.85	0.00	-101.59	169	265	Horizontal
6	2412.00	89.03	9.85	0.00	-89.03	277	184	Horizontal

Final Data List

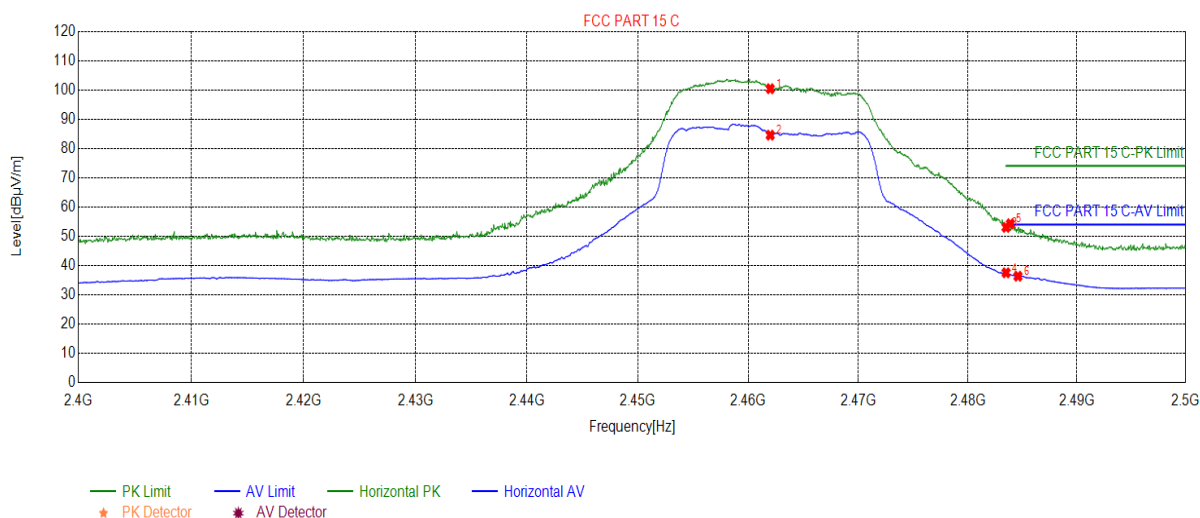


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802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	100.40	8.25	0.00	-100.40	299	0	Horizontal
2	2462.00	84.53	8.25	0.00	-84.53	310	25	Horizontal
3	2483.50	53.04	8.48	74.00	20.96	288	34	Horizontal
4	2483.50	37.50	8.48	54.00	16.50	194	264	Horizontal
5	2483.89	54.26	8.49	74.00	19.74	246	340	Horizontal
6	2484.59	36.34	8.49	54.00	17.66	300	299	Horizontal

Final Data List

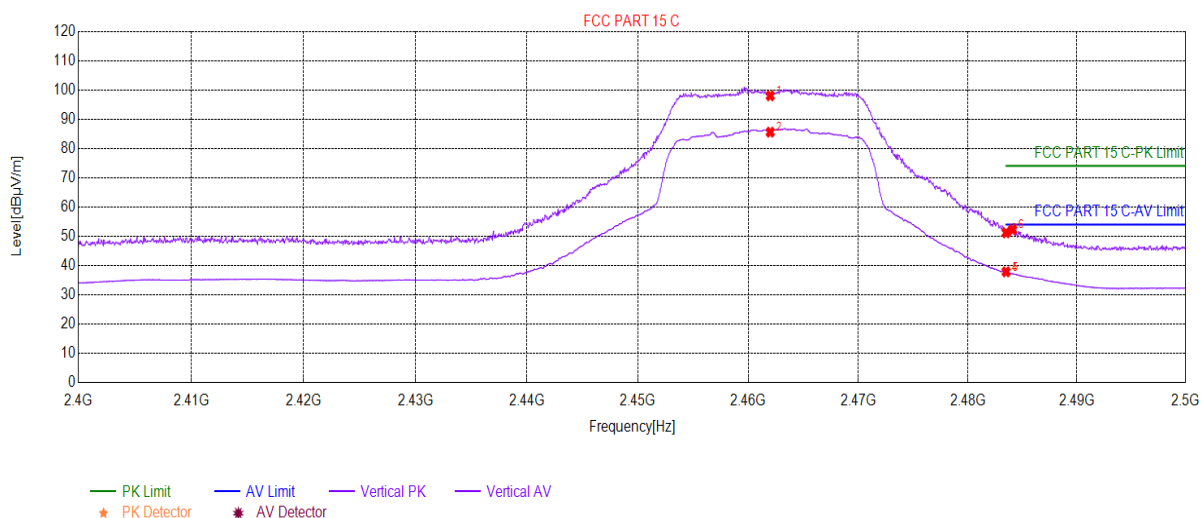


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802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	97.98	8.25	0.00	-97.98	350	20.0	Vertical
2	2462.00	85.56	8.25	0.00	-85.56	342	32	Vertical
3	2483.50	51.17	8.48	74.00	22.83	152	15	Vertical
4	2483.50	37.83	8.48	54.00	16.17	179	24	Vertical
5	2483.54	37.83	8.48	54.00	16.17	164	265	Vertical
6	2484.09	52.25	8.49	74.00	21.75	256	341	Vertical

Final Data List

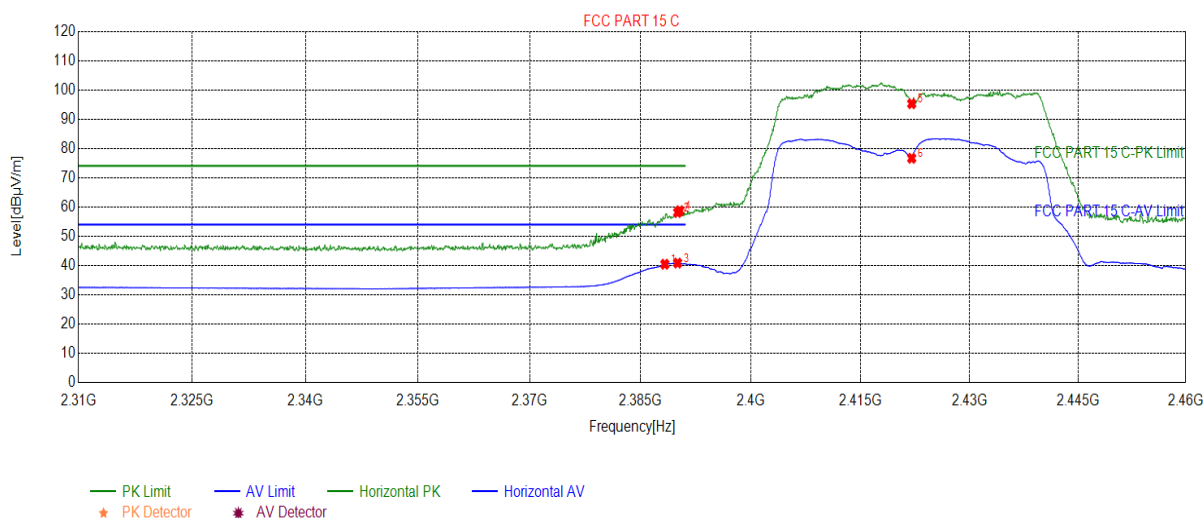


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802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.26	40.43	9.56	54.00	13.57	301	320.0	Horizontal
2	2390.00	58.11	9.60	74.00	15.89	254	315	Horizontal
3	2390.00	40.84	9.60	54.00	13.16	298	328	Horizontal
4	2390.29	58.73	9.61	74.00	15.27	355	158	Horizontal
5	2422.00	95.27	9.83	0.00	-95.27	310	246	Horizontal
6	2422.00	76.63	9.83	0.00	-76.63	300	298	Horizontal

Final Data List



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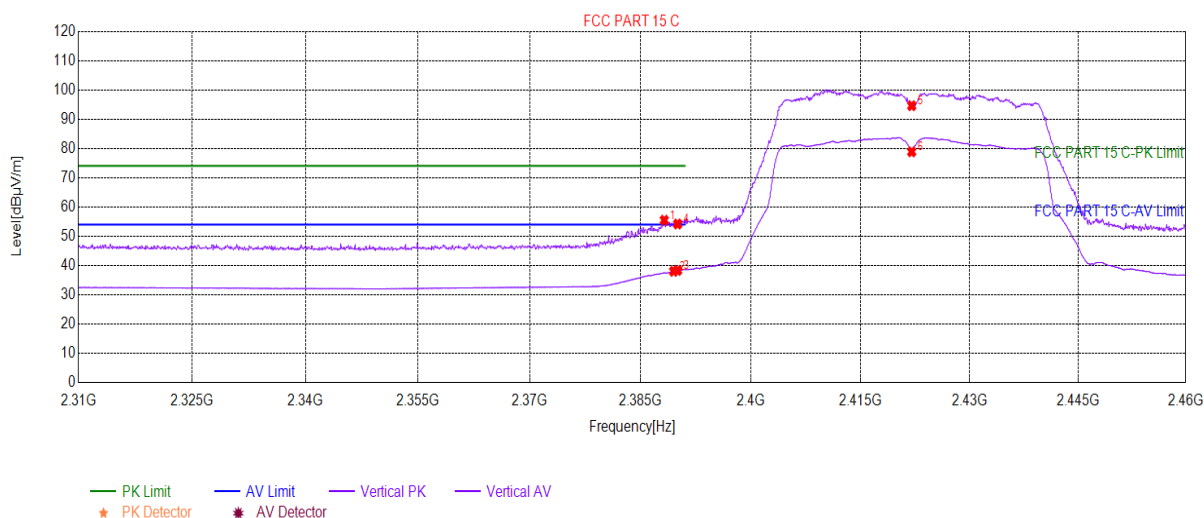
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Shenzhen Branch Laboratory

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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11N40_Channel 3

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.18	55.47	9.55	74.00	18.53	333	21	Vertical
2	2389.46	38.01	9.59	54.00	15.99	302	38	Vertical
3	2390.00	38.33	9.60	54.00	15.67	345	341	Vertical
4	2390.00	54.18	9.60	74.00	19.82	248	299	Vertical
5	2422.00	94.58	9.83	0.00	-94.58	226	246	Vertical
6	2422.00	78.84	9.83	0.00	-78.84	279	302	Vertical

Final Data List

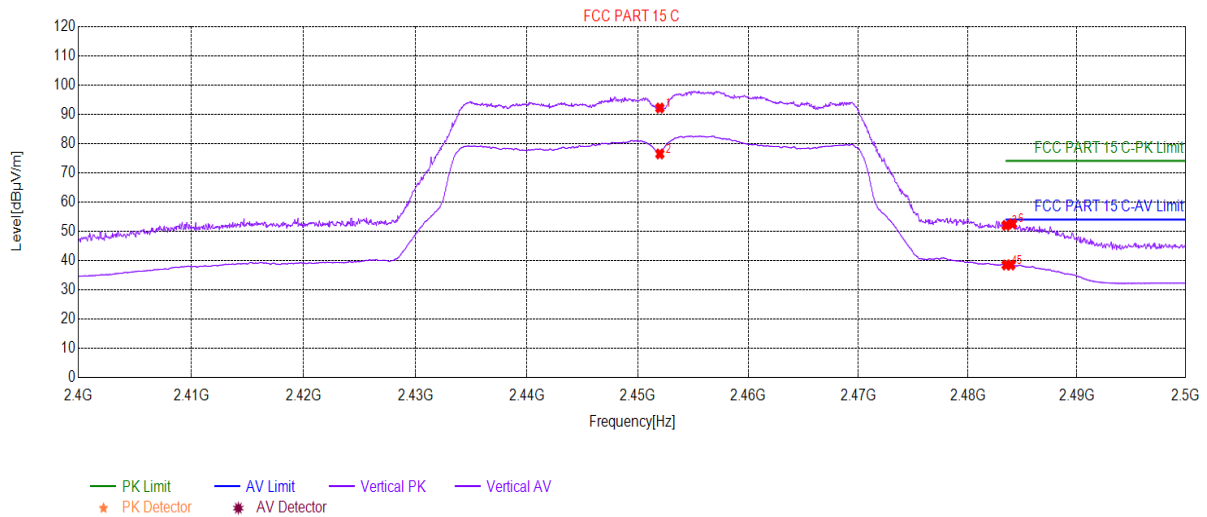


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802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	92.10	8.27	0.00	-92.10	301	33	Vertical
2	2452.00	76.42	8.27	0.00	-76.42	352	28	Vertical
3	2483.50	52.01	8.48	74.00	21.99	341	310	Vertical
4	2483.50	38.48	8.48	54.00	15.52	336	264	Vertical
5	2483.94	38.47	8.49	54.00	15.53	120	298	Vertical
6	2484.09	52.55	8.49	74.00	21.45	250	222	Vertical

Final Data List

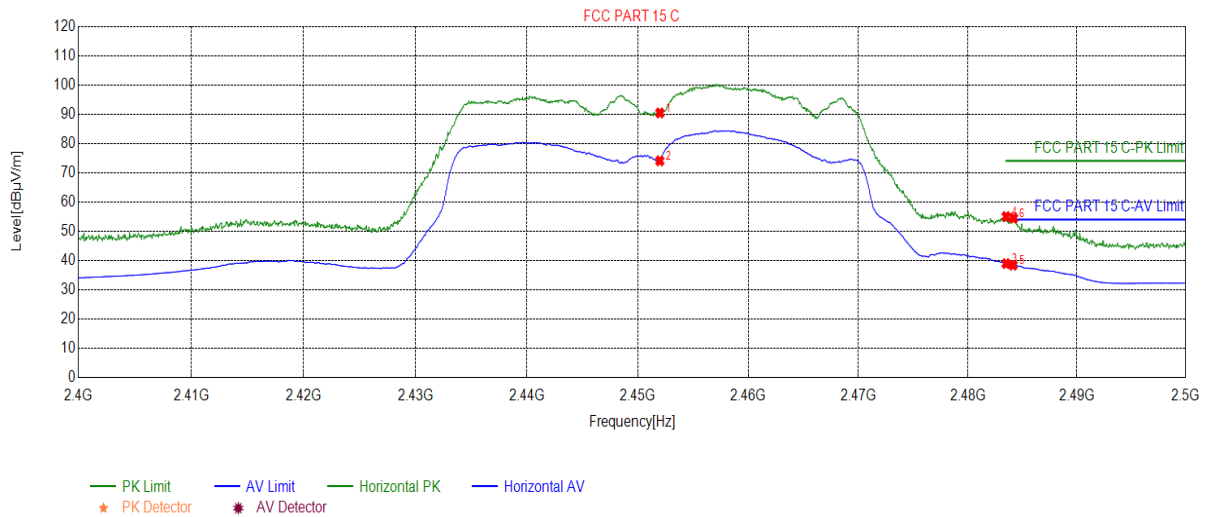


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802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	90.41	8.27	0.00	-90.41	302	330	Horizontal
2	2452.00	74.05	8.27	0.00	-74.05	256	321	Horizontal
3	2483.50	38.94	8.48	54.00	15.06	128	259	Horizontal
4	2483.50	55.03	8.48	74.00	18.97	165	320.0	Horizontal
5	2484.14	38.40	8.49	54.00	15.60	297	247	Horizontal
6	2484.19	54.46	8.49	74.00	19.54	357	216	Horizontal

Final Data List

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.

The End



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