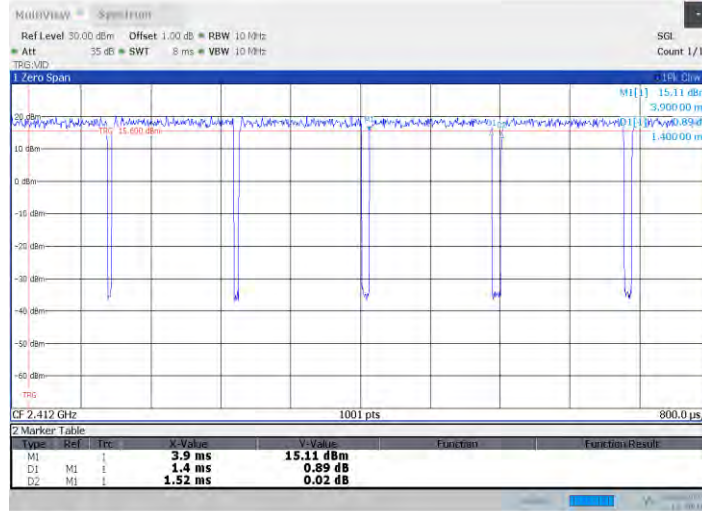
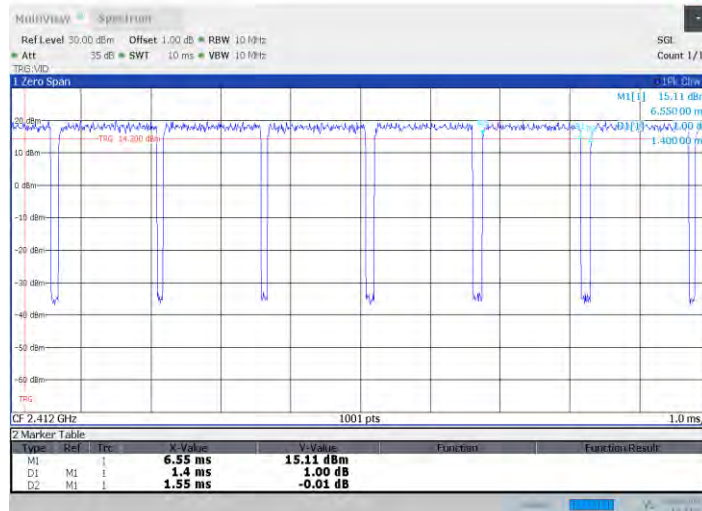


11g-CDD\_Ant2\_2412



11:20:16 10.06.2022

11g-CDD\_Ant3\_2412



11:24:38 10.06.2022



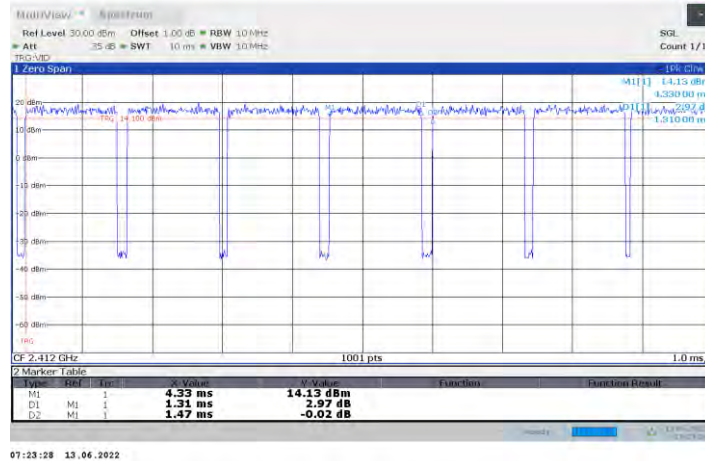
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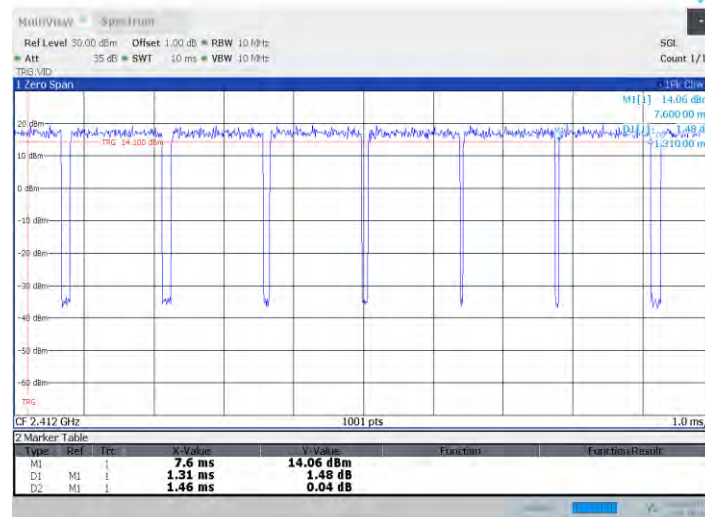
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11n20MIMO\_Ant2\_2412



07:23:28 13.06.2022

11n20MIMO\_Ant3\_2412



07:19:35 13.06.2022

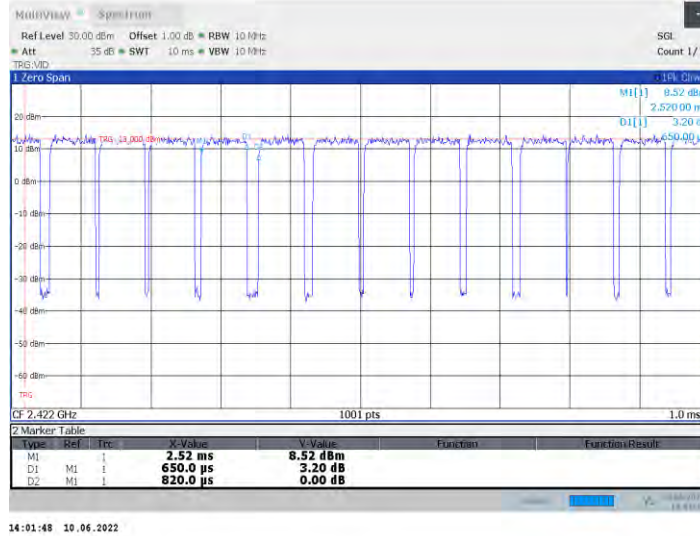


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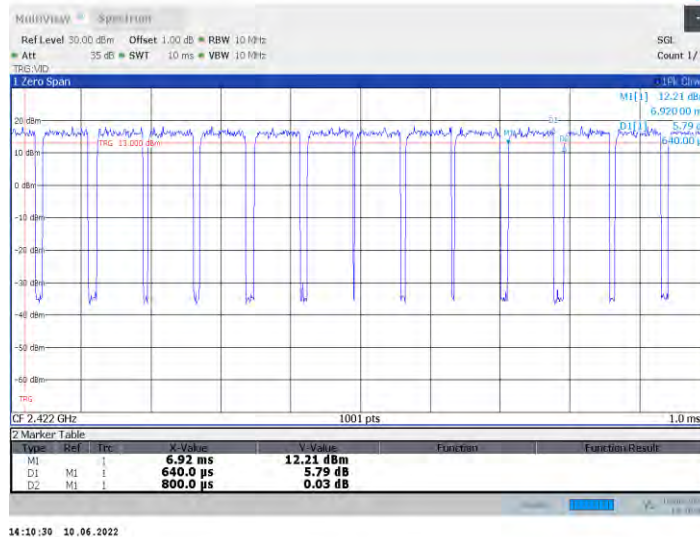
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11n40MIMO\_Ant2\_2422



11n40MIMO\_Ant3\_2422



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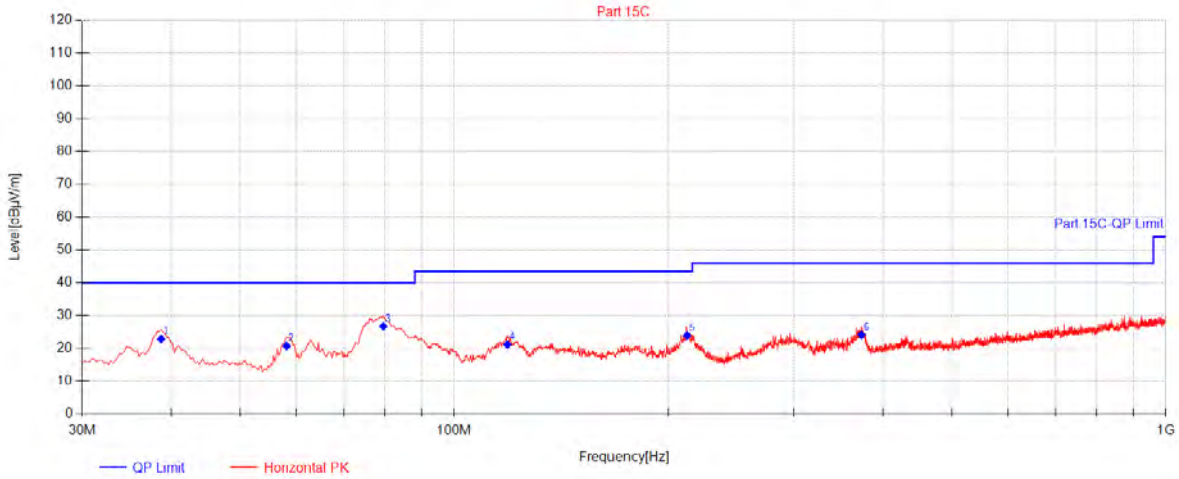
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## Radiated Spurious Emissions

### Radiated emission below 1GHz

#### Worst case Mode: 802.11n20\_Channel 01 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.73	45.26	-22.43	22.83	40.00	17.17	236	170	Horizontal
2	58.13	44.19	-23.45	20.74	40.00	19.26	154	129	Horizontal
3	79.47	53.02	-26.31	26.71	40.00	13.29	192	141	Horizontal
4	118.755	45.19	-24.05	21.14	43.50	22.36	174	141	Horizontal
5	212.36	48.55	-24.67	23.88	43.50	19.62	230	185	Horizontal
6	373.38	43.9	-19.82	24.08	46.00	21.92	163	166	Horizontal

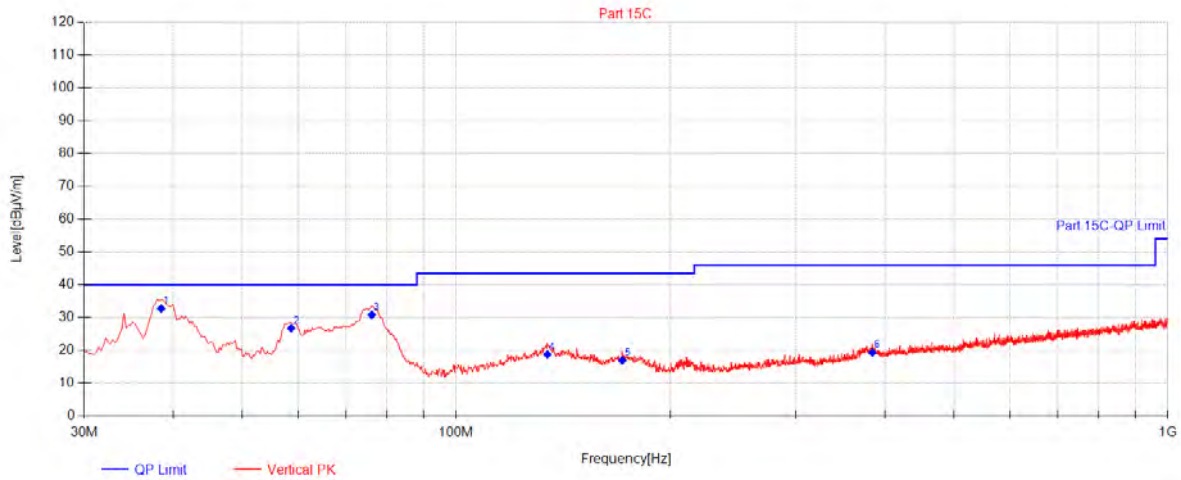


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**Final Data List**

NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.4875	55.19	-22.47	32.72	40.00	7.28	236	194	Vertical
2	58.615	50.23	-23.50	26.73	40.00	13.27	142	353	Vertical
3	76.075	56.89	-26.09	30.80	40.00	9.20	199	256	Vertical
4	134.275	41.23	-22.50	18.73	43.50	24.77	184	277	Vertical
5	171.135	37.62	-20.71	16.91	43.50	26.59	201	251	Vertical
6	384.2925	38.49	-19.18	19.31	46.00	26.69	230	109	Vertical



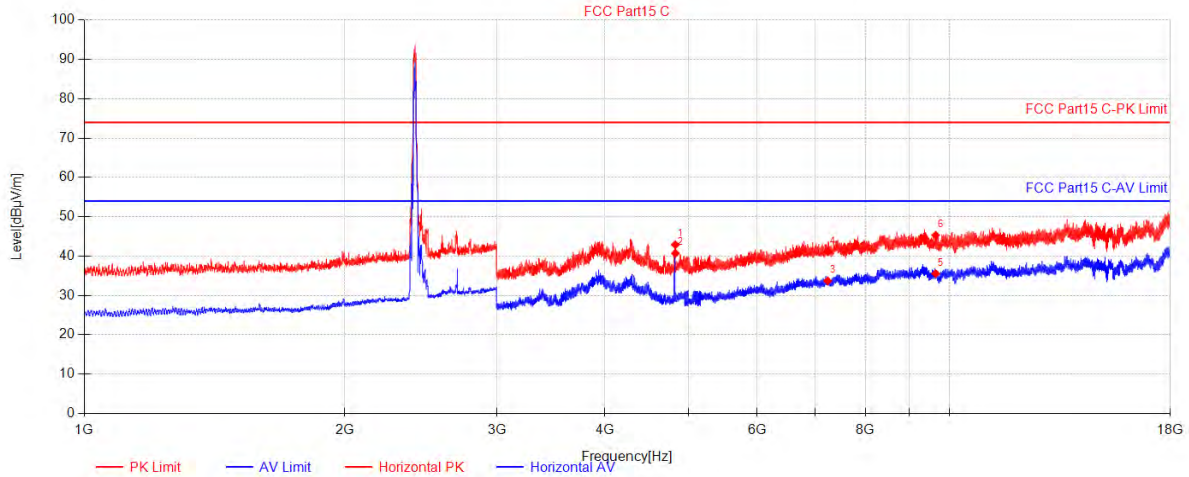
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**Transmitter emission Above 1GHz**

**802.11b\_Channel 01 CDD**



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	56.05	-13.15	42.90	74.00	31.10	152	356	Horizontal
2	4824.5	53.87	-13.15	40.72	54.00	13.28	236	356	Horizontal
3	7236.0000	40.68	-6.96	33.72	54.00	20.28	122	315	Horizontal
4	7236.0000	48.05	-6.96	41.09	74.00	32.91	164	42	Horizontal
5	9648.0000	36.70	-1.17	35.53	54.00	18.47	175	5	Horizontal
6	9648.0000	46.48	-1.17	45.31	74.00	28.69	194	167	Horizontal

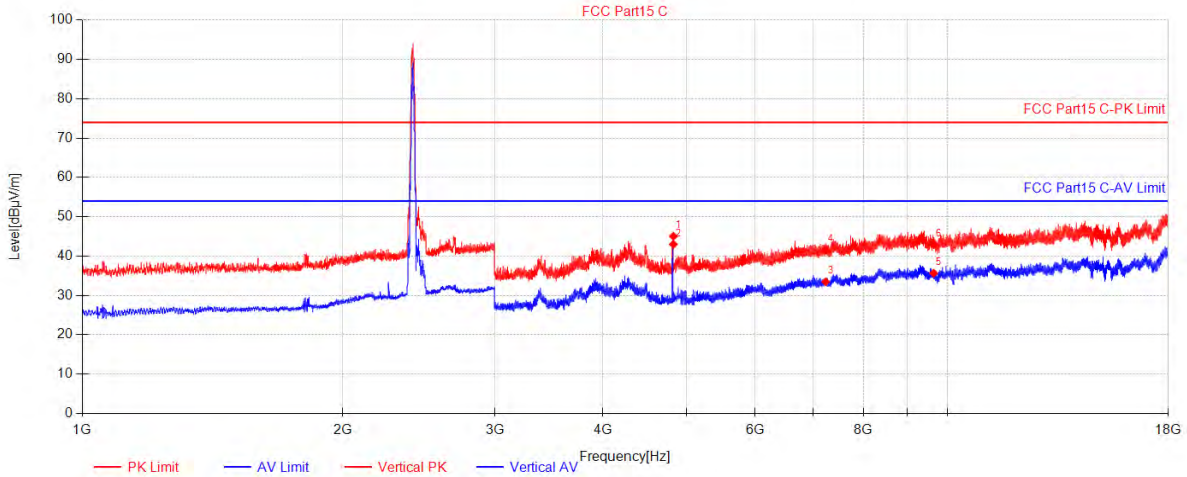


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802.11b\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	58.19	-13.15	45.04	74.00	28.96	135	336	Vertical
2	4824.5	56.15	-13.15	43.00	54.00	11.00	164	336	Vertical
3	7236.0000	40.44	-6.96	33.48	54.00	20.52	172	41	Vertical
4	7236.0000	48.54	-6.96	41.58	74.00	32.42	125	1	Vertical
5	9648.0000	36.82	-1.17	35.65	54.00	18.35	184	84	Vertical
6	9648.0000	44.12	-1.17	42.95	74.00	31.05	100	147	Vertical

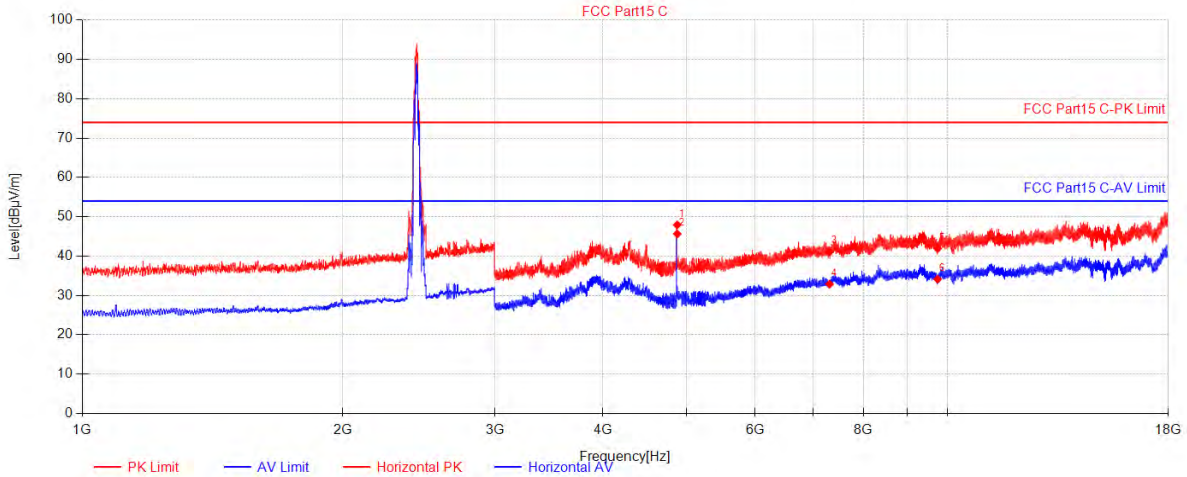


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802.11b\_Channel 06 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	60.96	-13.01	47.95	74.00	26.05	154	1	Horizontal
2	4874.5	58.66	-13.00	45.66	54.00	8.34	198	5	Horizontal
3	7311.0000	48.34	-7.17	41.17	74.00	32.83	155	315	Horizontal
4	7311.0000	40.05	-7.17	32.88	54.00	21.12	174	230	Horizontal
5	9748.0000	43.07	-1.18	41.89	74.00	32.11	164	190	Horizontal
6	9748.0000	35.31	-1.18	34.13	54.00	19.87	193	188	Horizontal



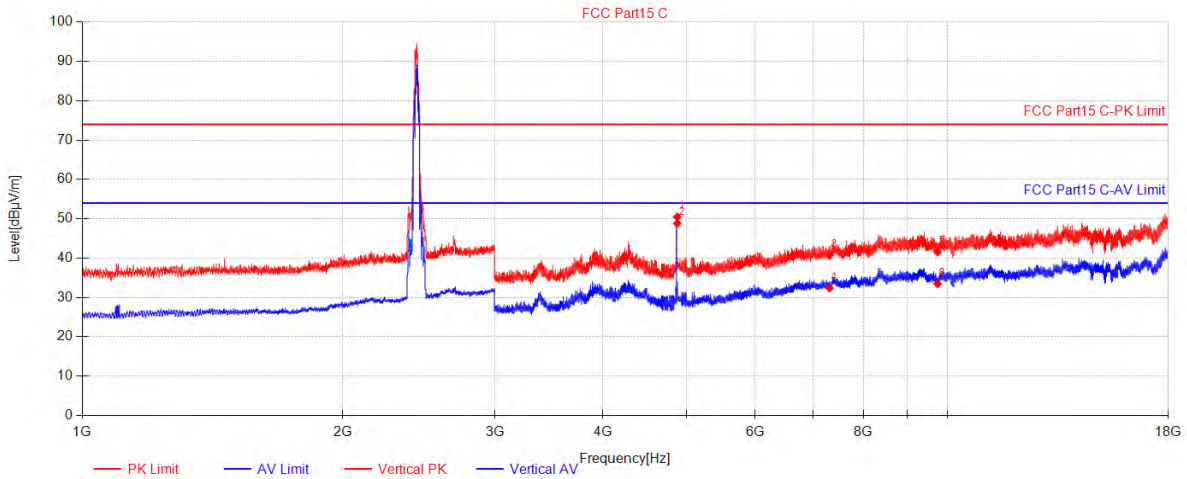
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802.11b\_Channel 06 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	63.51	-13.01	50.50	74.00	23.50	112	337	Vertical
2	4874.5	61.82	-13.00	48.82	54.00	5.18	254	337	Vertical
3	7311.0000	47.91	-7.17	40.74	74.00	33.26	175	189	Vertical
4	7311.0000	39.55	-7.17	32.38	54.00	21.62	194	231	Vertical
5	9748.0000	42.74	-1.18	41.56	74.00	32.44	236	126	Vertical
6	9748.0000	34.67	-1.18	33.49	54.00	20.51	254	0	Vertical

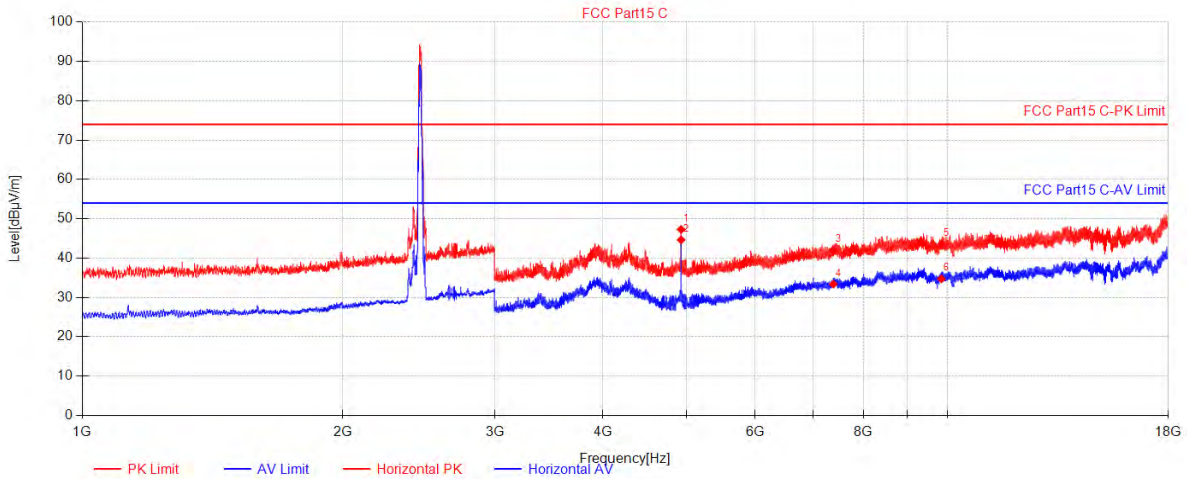


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802.11b\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	60.18	-12.89	47.29	74.00	26.71	175	0	Horizontal
2	4924.5	57.51	-12.89	44.62	54.00	9.38	164	357	Horizontal
3	7386.0000	49.02	-6.96	42.06	74.00	31.94	194	218	Horizontal
4	7386.0000	40.34	-6.96	33.38	54.00	20.62	188	210	Horizontal
5	9848.0000	44.61	-1.12	43.49	74.00	30.51	235	0	Horizontal
6	9848.0000	35.85	-1.12	34.73	54.00	19.27	166	295	Horizontal

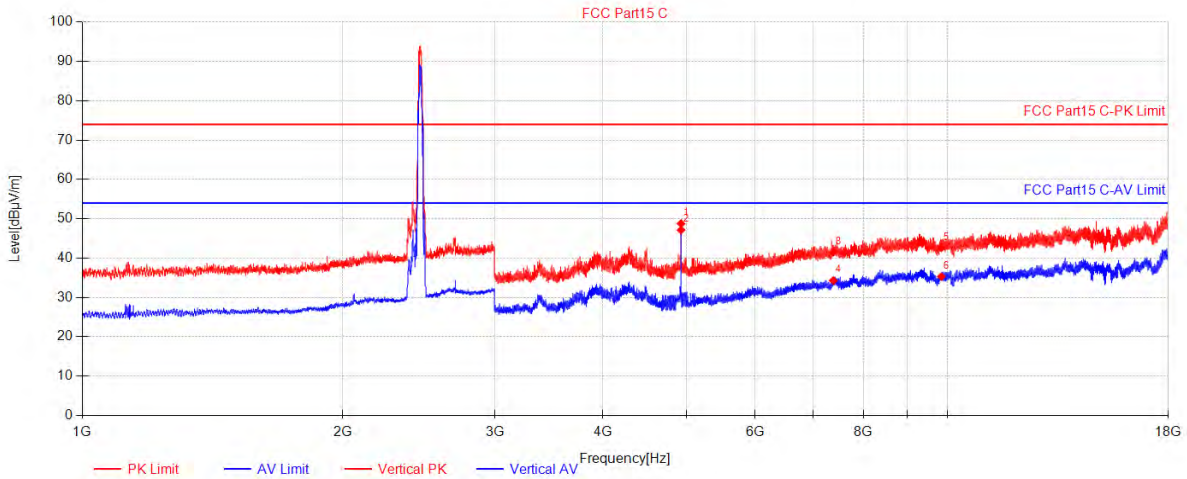


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802.11b\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	61.66	-12.89	48.77	74.00	25.23	177	317	Vertical
2	4924.5	60.03	-12.89	47.14	54.00	6.86	198	336	Vertical
3	7386.0000	48.50	-6.96	41.54	74.00	32.46	166	5	Vertical
4	7386.0000	41.26	-6.96	34.30	54.00	19.70	185	167	Vertical
5	9848.0000	43.72	-1.12	42.60	74.00	31.40	247	4	Vertical
6	9848.0000	36.44	-1.12	35.32	54.00	18.68	180	294	Vertical

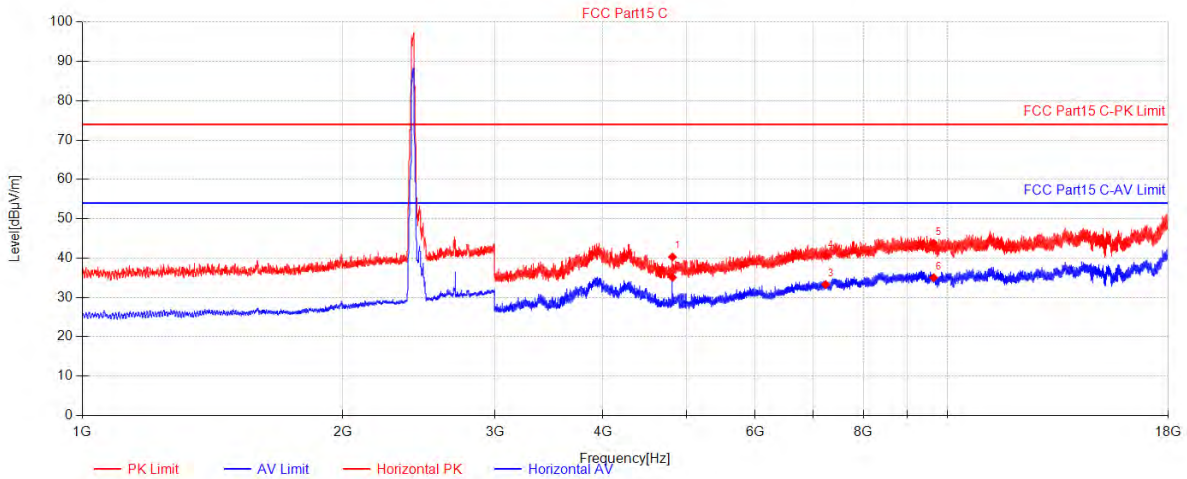


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802.11g\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	53.46	-13.18	40.28	74.00	33.72	123	5	Horizontal
2	4813	48.28	-13.18	35.10	54.00	18.90	236	61	Horizontal
3	7236.0000	40.24	-6.96	33.28	54.00	20.72	254	0	Horizontal
4	7236.0000	47.56	-6.96	40.60	74.00	33.40	161	104	Horizontal
5	9648.0000	44.98	-1.17	43.81	74.00	30.19	194	127	Horizontal
6	9648.0000	36.21	-1.17	35.04	54.00	18.96	178	335	Horizontal

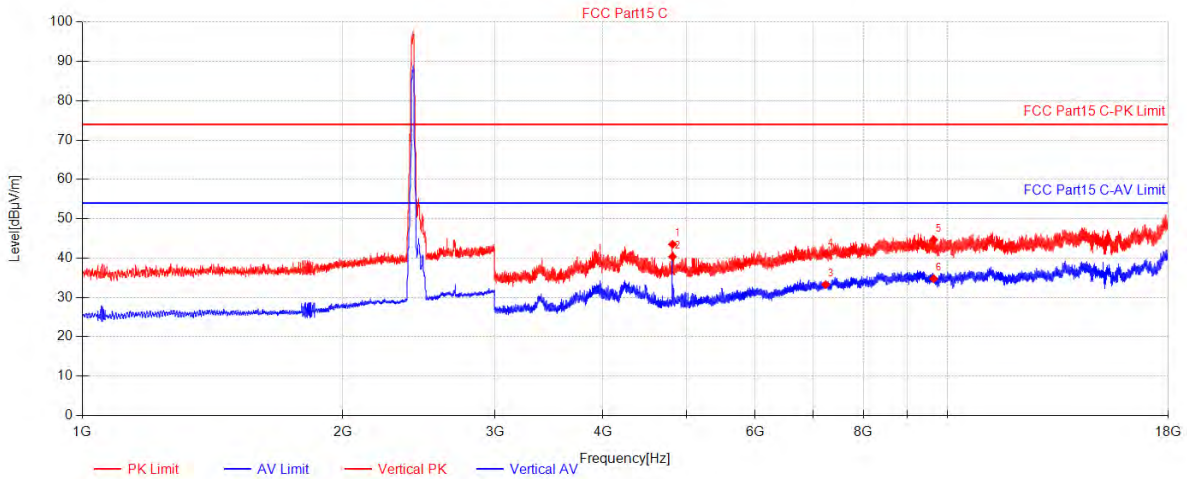


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802.11g\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	56.67	-13.18	43.49	74.00	30.51	236	275	Vertical
2	4813	53.55	-13.18	40.37	54.00	13.63	194	275	Vertical
3	7236.0000	40.22	-6.96	33.26	54.00	20.74	172	146	Vertical
4	7236.0000	48.03	-6.96	41.07	74.00	32.93	251	41	Vertical
5	9648.0000	45.84	-1.17	44.67	74.00	29.33	188	189	Vertical
6	9648.0000	35.94	-1.17	34.77	54.00	19.23	190	0	Vertical

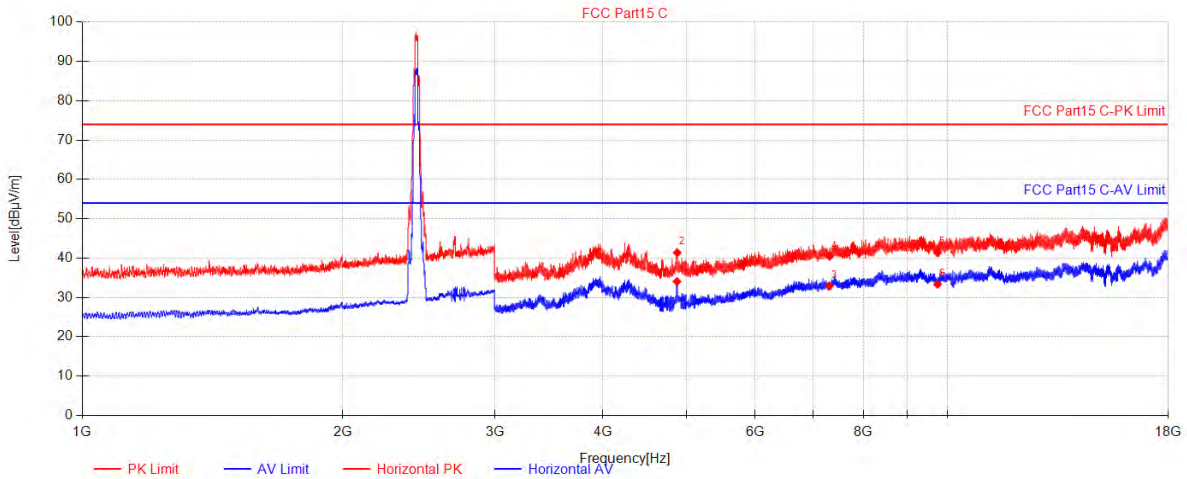


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802.11g\_Channel 06 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4870	47.08	-13.02	34.06	54.00	19.94	112	5	Horizontal
2	4874.0000	54.38	-13.01	41.37	74.00	32.63	236	356	Horizontal
3	7311.0000	40.14	-7.17	32.97	54.00	21.03	145	19	Horizontal
4	7311.0000	47.60	-7.17	40.43	74.00	33.57	194	250	Horizontal
5	9748.0000	42.60	-1.18	41.42	74.00	32.58	172	1	Horizontal
6	9748.0000	34.49	-1.18	33.31	54.00	20.69	200	231	Horizontal

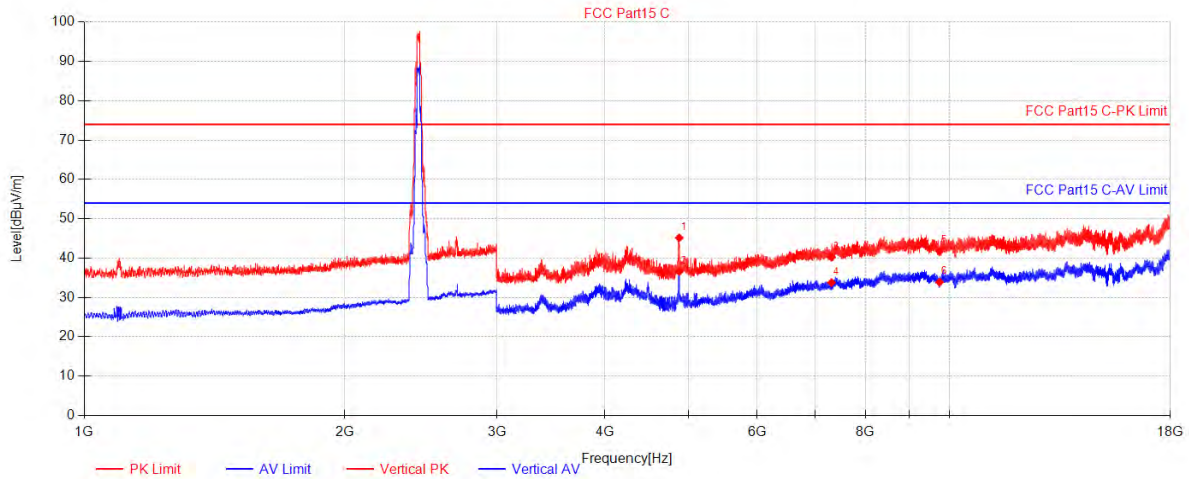


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802.11g\_Channel 06 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4875	58.16	-13.00	45.16	74.00	28.84	156	334	Vertical
2	4875.5	49.59	-13.00	36.59	54.00	17.41	133	356	Vertical
3	7311.0000	47.41	-7.17	40.24	74.00	33.76	184	0	Vertical
4	7311.0000	40.95	-7.17	33.78	54.00	20.22	169	334	Vertical
5	9748.0000	42.95	-1.18	41.77	74.00	32.23	172	6	Vertical
6	9748.0000	35.08	-1.18	33.90	54.00	20.10	211	147	Vertical

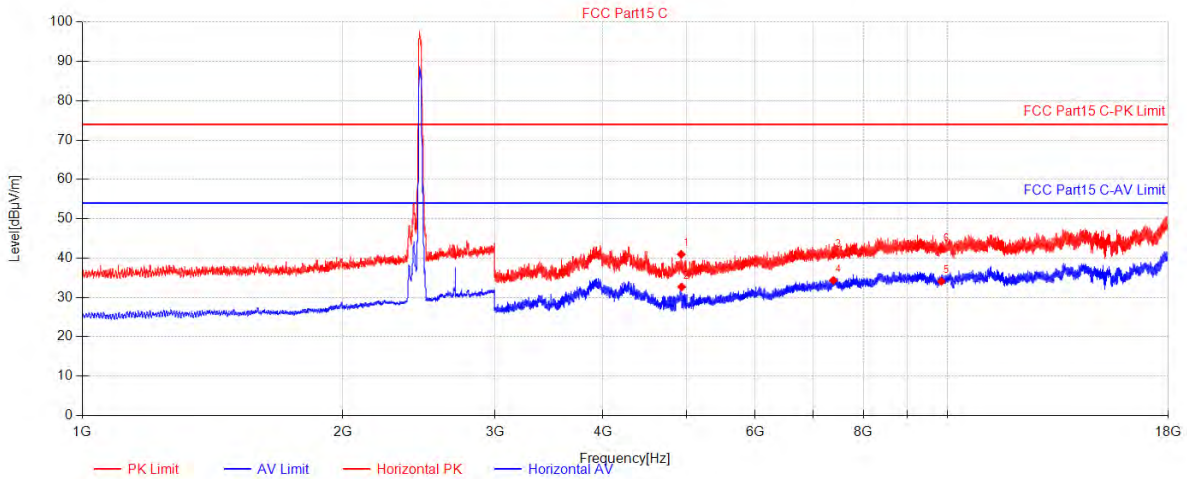


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802.11g\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4926	53.85	-12.89	40.96	74.00	33.04	123	356	Horizontal
2	4931.5	45.56	-12.88	32.68	54.00	21.32	164	0	Horizontal
3	7386.0000	47.81	-6.96	40.85	74.00	33.15	184	84	Horizontal
4	7386.0000	41.31	-6.96	34.35	54.00	19.65	175	316	Horizontal
5	9848.0000	35.19	-1.12	34.07	54.00	19.93	133	20	Horizontal
6	9848.0000	43.49	-1.12	42.37	74.00	31.63	192	126	Horizontal



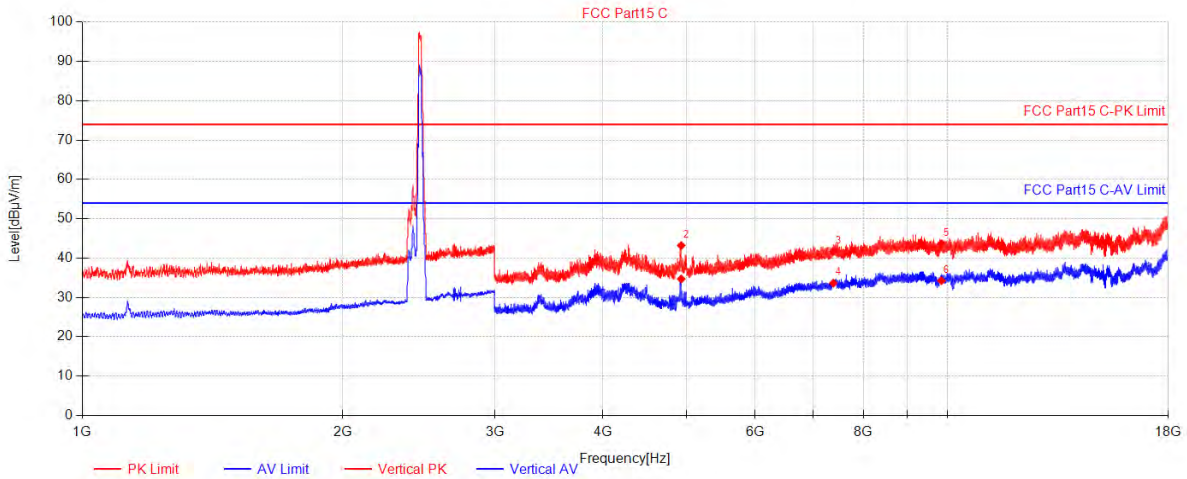
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802.11g\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4926	47.60	-12.89	34.71	54.00	19.29	214	356	Vertical
2	4926	56.09	-12.89	43.20	74.00	30.80	233	315	Vertical
3	7386.0000	48.65	-6.96	41.69	74.00	32.31	112	83	Vertical
4	7386.0000	40.59	-6.96	33.63	54.00	20.37	162	336	Vertical
5	9848.0000	44.76	-1.12	43.64	74.00	30.36	199	42	Vertical
6	9848.0000	35.37	-1.12	34.25	54.00	19.75	154	295	Vertical

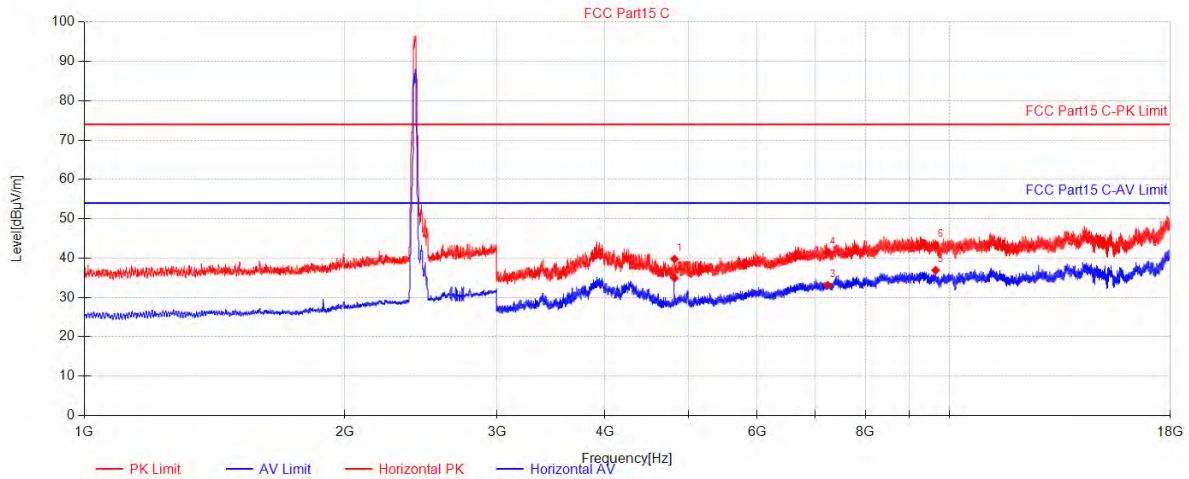


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802.11n20\_Channel 01 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813	52.94	-13.18	39.76	74.00	34.24	124	104	Horizontal
2	4813	48.12	-13.18	34.94	54.00	19.06	233	62	Horizontal
3	7236.0000	40.05	-6.96	33.09	54.00	20.91	172	6	Horizontal
4	7236.0000	48.35	-6.96	41.39	74.00	32.61	162	336	Horizontal
5	9647	38.08	-1.17	36.91	54.00	17.09	174	274	Horizontal
6	9648.0000	44.45	-1.17	43.28	74.00	30.72	281	147	Horizontal

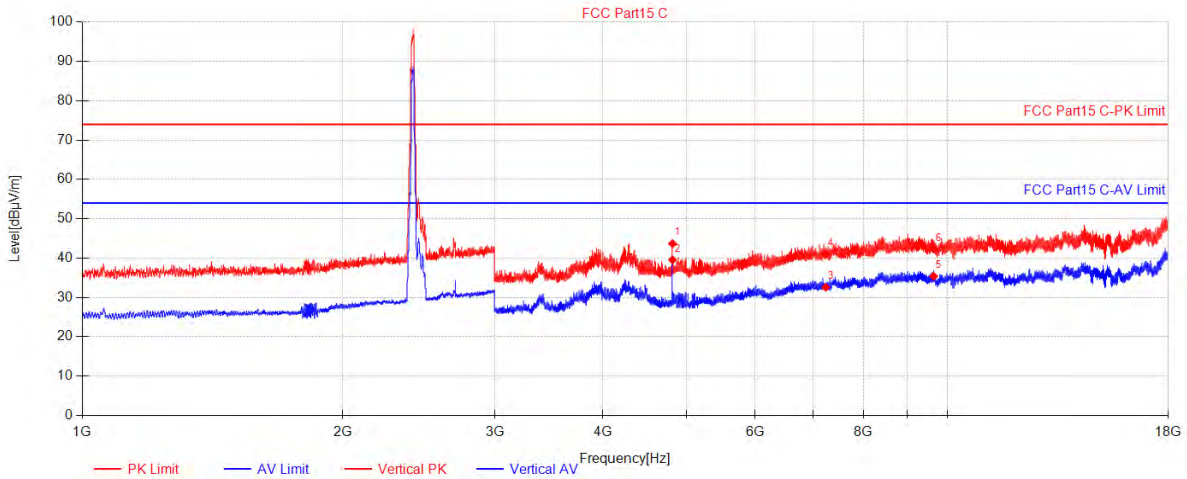


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802.11n20\_Channel 01 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813	56.86	-13.18	43.68	74.00	30.32	125	274	Vertical
2	4813	52.71	-13.18	39.53	54.00	14.47	145	295	Vertical
3	7236.0000	39.53	-6.96	32.57	54.00	21.43	265	252	Vertical
4	7236.0000	47.98	-6.96	41.02	74.00	32.98	185	142	Vertical
5	9648.0000	36.56	-1.17	35.39	54.00	18.61	233	210	Vertical
6	9648.0000	43.45	-1.17	42.28	74.00	31.72	235	210	Vertical

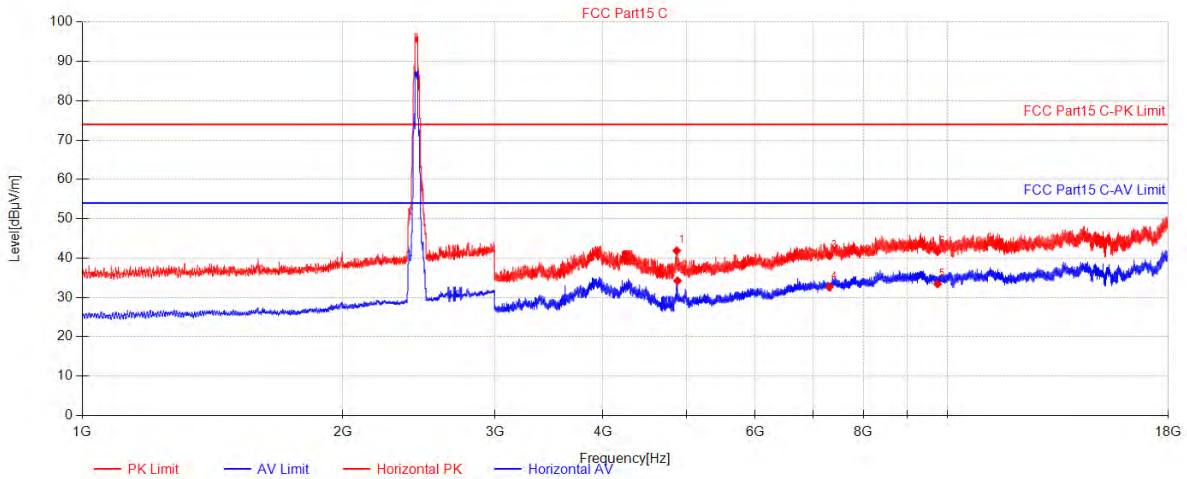


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802.11n20\_Channel 06 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4867	54.91	-13.03	41.88	74.00	32.12	142	356	Horizontal
2	4877.5	47.23	-13.00	34.23	54.00	19.77	258	294	Horizontal
3	7311.0000	47.76	-7.17	40.59	74.00	33.41	254	63	Horizontal
4	7311.0000	39.83	-7.17	32.66	54.00	21.34	172	6	Horizontal
5	9748.0000	34.59	-1.18	33.41	54.00	20.59	191	146	Horizontal
6	9748.0000	42.87	-1.18	41.69	74.00	32.31	236	273	Horizontal

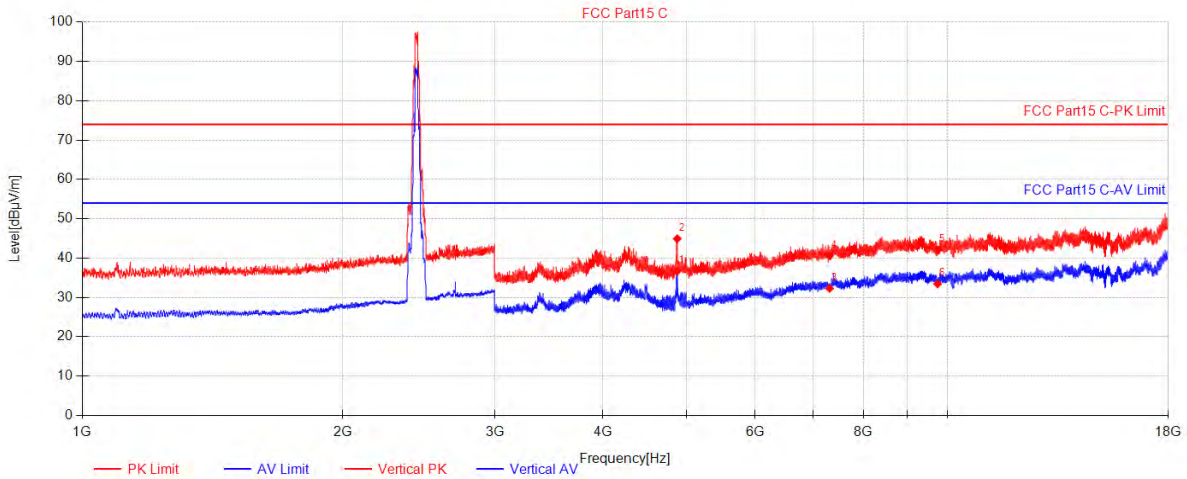


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802.11n20\_Channel 06 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4872.5	49.69	-13.01	36.68	54.00	17.32	235	336	Vertical
2	4874.0000	57.94	-13.01	44.93	74.00	29.07	296	336	Vertical
3	7311.0000	39.47	-7.17	32.30	54.00	21.70	148	316	Vertical
4	7311.0000	47.76	-7.17	40.59	74.00	33.41	172	336	Vertical
5	9748.0000	43.27	-1.18	42.09	74.00	31.91	231	316	Vertical
6	9748.0000	34.63	-1.18	33.45	54.00	20.55	109	40	Vertical

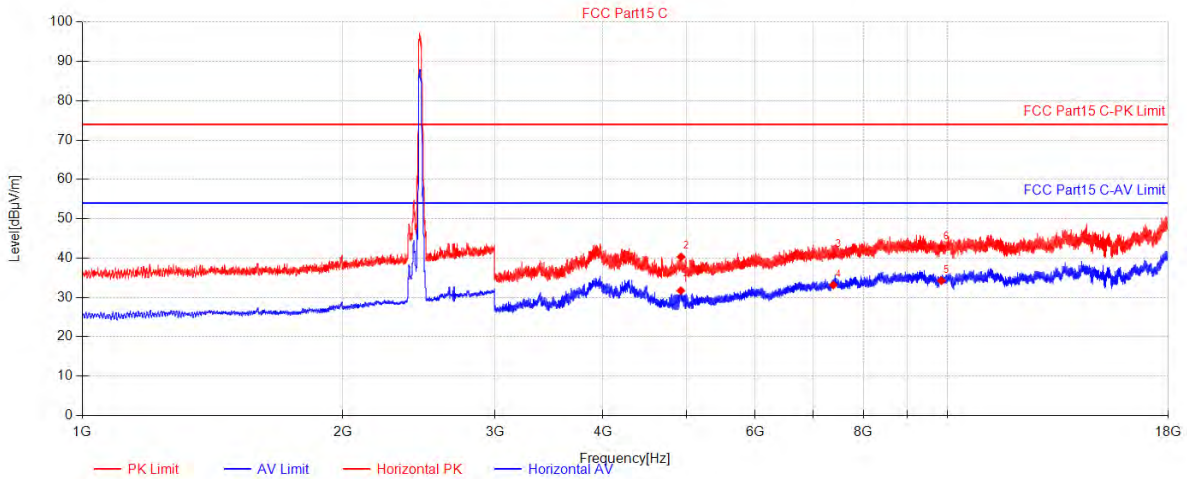


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802.11n20\_Channel 11 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4920.5	44.63	-12.90	31.73	54.00	22.27	168	5	Horizontal
2	4924.0000	53.20	-12.89	40.31	74.00	33.69	194	254	Horizontal
3	7386.0000	47.73	-6.96	40.77	74.00	33.23	235	104	Horizontal
4	7386.0000	40.12	-6.96	33.16	54.00	20.84	172	232	Horizontal
5	9848.0000	35.38	-1.12	34.26	54.00	19.74	164	23	Horizontal
6	9848.0000	43.90	-1.12	42.78	74.00	31.22	180	42	Horizontal

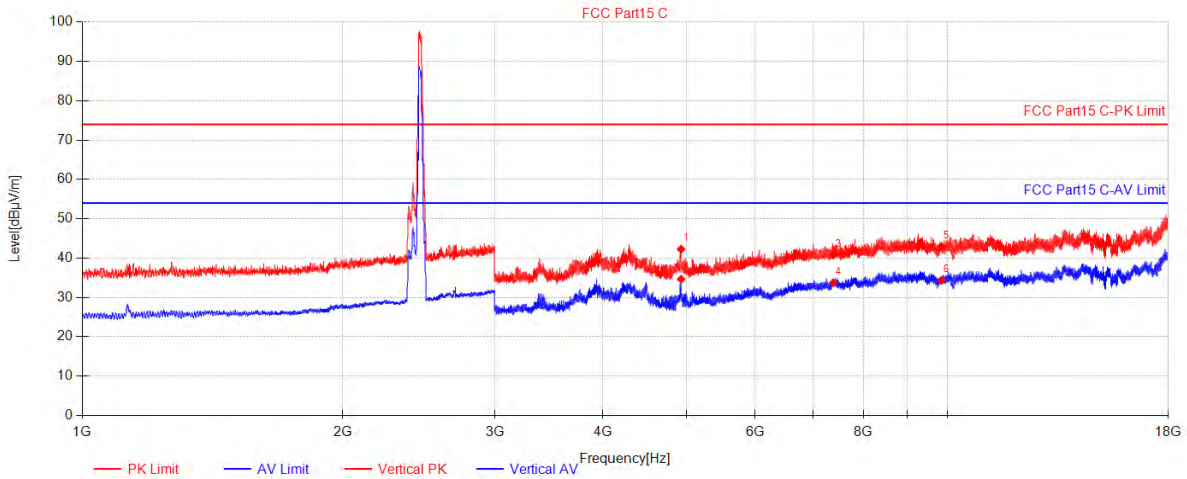


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802.11n20\_Channel 11 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.5	55.17	-12.89	42.28	74.00	31.72	284	169	Vertical
2	4925	47.54	-12.89	34.65	54.00	19.35	194	337	Vertical
3	7386.0000	47.72	-6.96	40.76	74.00	33.24	175	85	Vertical
4	7386.0000	40.68	-6.96	33.72	54.00	20.28	236	145	Vertical
5	9848.0000	44.07	-1.12	42.95	74.00	31.05	251	252	Vertical
6	9848.0000	35.44	-1.12	34.32	54.00	19.68	102	7	Vertical

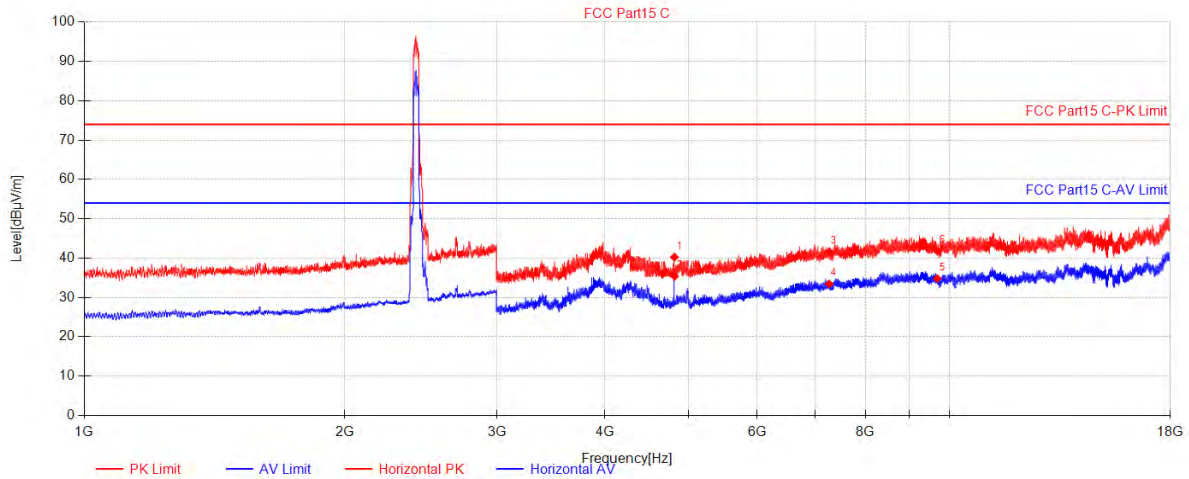


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802.11n40\_Channel 03 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	53.42	-13.18	40.24	74.00	33.76	142	102	Horizontal
2	4813	48.54	-13.18	35.36	54.00	18.64	258	40	Horizontal
3	7266.0000	48.71	-7.07	41.64	74.00	32.36	191	272	Horizontal
4	7266.0000	40.51	-7.07	33.44	54.00	20.56	125	188	Horizontal
5	9688.0000	35.93	-1.12	34.81	54.00	19.19	236	272	Horizontal
6	9688.0000	42.89	-1.12	41.77	74.00	32.23	175	208	Horizontal



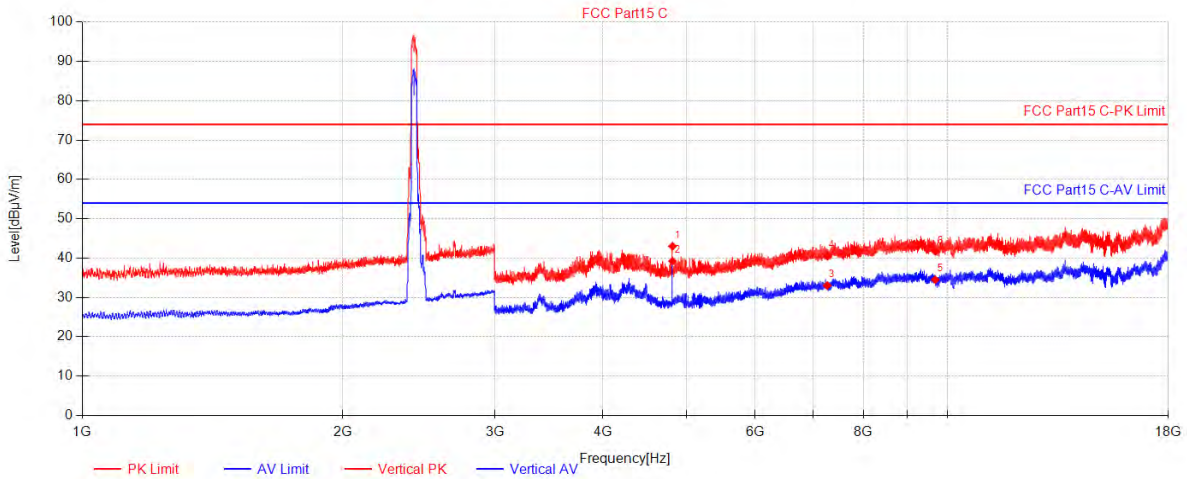
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802.11n40\_Channel 03 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	56.19	-13.18	43.01	74.00	30.99	168	124	Vertical
2	4813	52.41	-13.18	39.23	54.00	14.77	197	292	Vertical
3	7266.0000	40.12	-7.07	33.05	54.00	20.95	175	334	Vertical
4	7266.0000	47.55	-7.07	40.48	74.00	33.52	213	338	Vertical
5	9688.0000	35.62	-1.12	34.50	54.00	19.50	233	212	Vertical
6	9688.0000	42.85	-1.12	41.73	74.00	32.27	201	272	Vertical

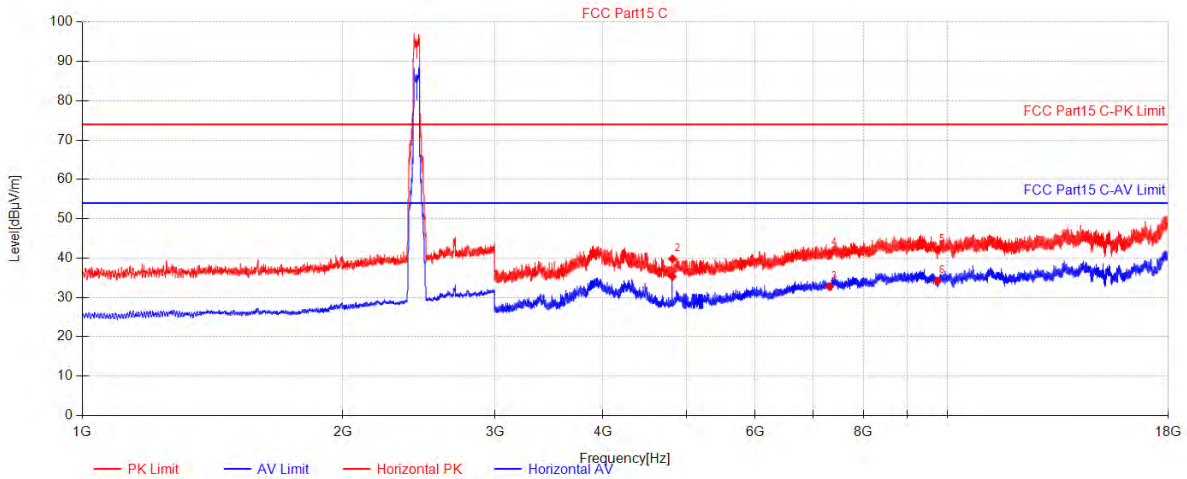


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802.11n40\_Channel 06 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813	48.50	-13.18	35.32	54.00	18.68	214	6	Horizontal
2	4813	52.99	-13.18	39.81	74.00	34.19	186	104	Horizontal
3	7311.0000	39.92	-7.17	32.75	54.00	21.25	236	294	Horizontal
4	7311.0000	48.43	-7.17	41.26	74.00	32.74	199	63	Horizontal
5	9748.0000	43.31	-1.18	42.13	74.00	31.87	201	190	Horizontal
6	9748.0000	35.41	-1.18	34.23	54.00	19.77	172	254	Horizontal

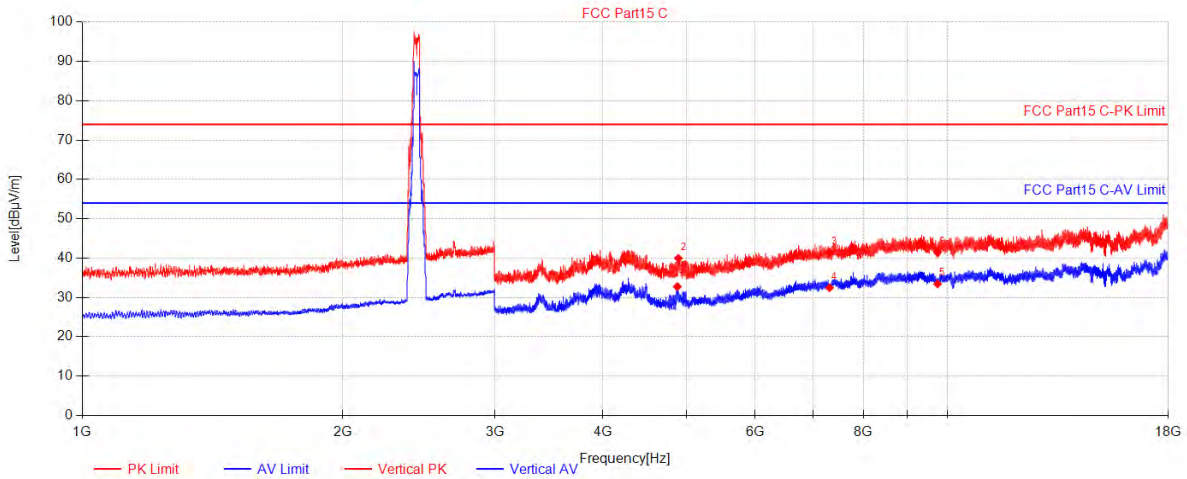


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802.11n40\_Channel 06 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4875	45.74	-13.00	32.74	54.00	21.26	165	48	Vertical
2	4889	52.94	-12.96	39.98	74.00	34.02	174	256	Vertical
3	7311.0000	48.71	-7.17	41.54	74.00	32.46	172	147	Vertical
4	7311.0000	39.63	-7.17	32.46	54.00	21.54	194	230	Vertical
5	9748.0000	34.62	-1.18	33.44	54.00	20.56	230	106	Vertical
6	9748.0000	42.59	-1.18	41.41	74.00	32.59	142	65	Vertical

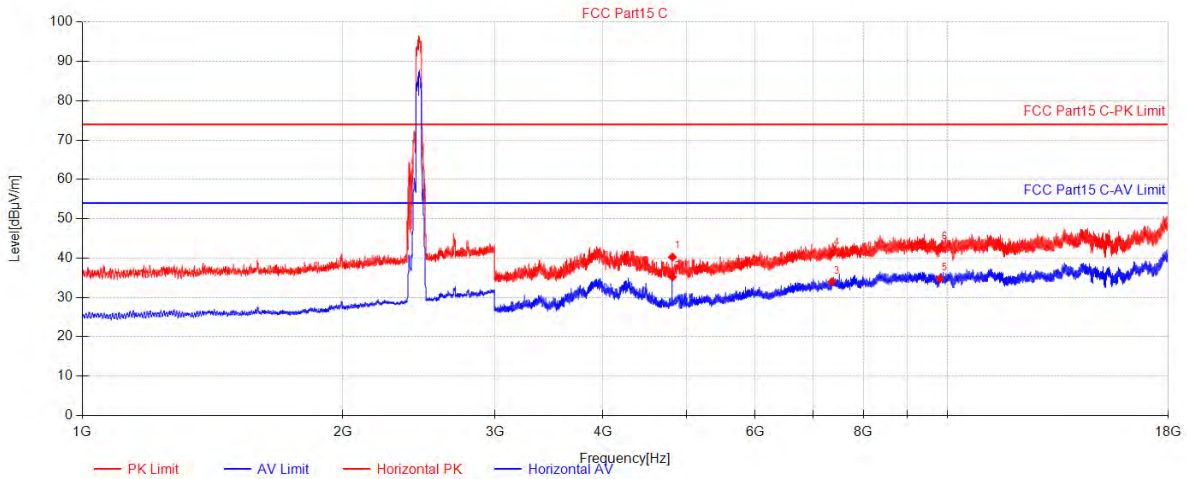


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802.11n40\_Channel 09 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	53.44	-13.18	40.26	74.00	33.74	184	59	Horizontal
2	4813	48.37	-13.18	35.19	54.00	18.81	196	62	Horizontal
3	7356.0000	41.04	-7.05	33.99	54.00	20.01	235	231	Horizontal
4	7356.0000	48.21	-7.05	41.16	74.00	32.84	172	230	Horizontal
5	9808.0000	36.02	-1.24	34.78	54.00	19.22	164	21	Horizontal
6	9808.0000	43.87	-1.24	42.63	74.00	31.37	102	273	Horizontal

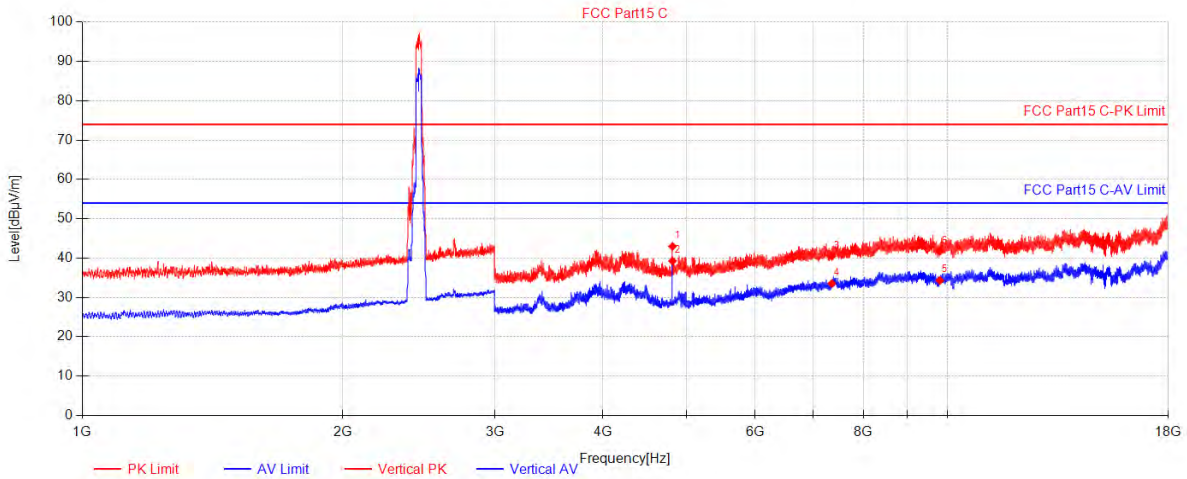


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802.11n40\_Channel 09 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4812.5	56.17	-13.18	42.99	74.00	31.01	154	274	Vertical
2	4813	52.44	-13.18	39.26	54.00	14.74	188	295	Vertical
3	7356.0000	47.50	-7.05	40.45	74.00	33.55	254	315	Vertical
4	7356.0000	40.59	-7.05	33.54	54.00	20.46	213	106	Vertical
5	9808.0000	35.56	-1.24	34.32	54.00	19.68	159	106	Vertical
6	9808.0000	42.99	-1.24	41.75	74.00	32.25	175	211	Vertical

Remark:

For WLAN SISO & MIMO mode for 802.11b/g/n mode, the whole testing has assessed only MIMO mode by referring to their higher output power.

Level = Reading Level(dBµV) + Factor(dB):

Factor = AF(dB/m) + (Cable Factor(dB) - Preamplifer Gain(dB))

AF = Antenna Factor(dB/m)

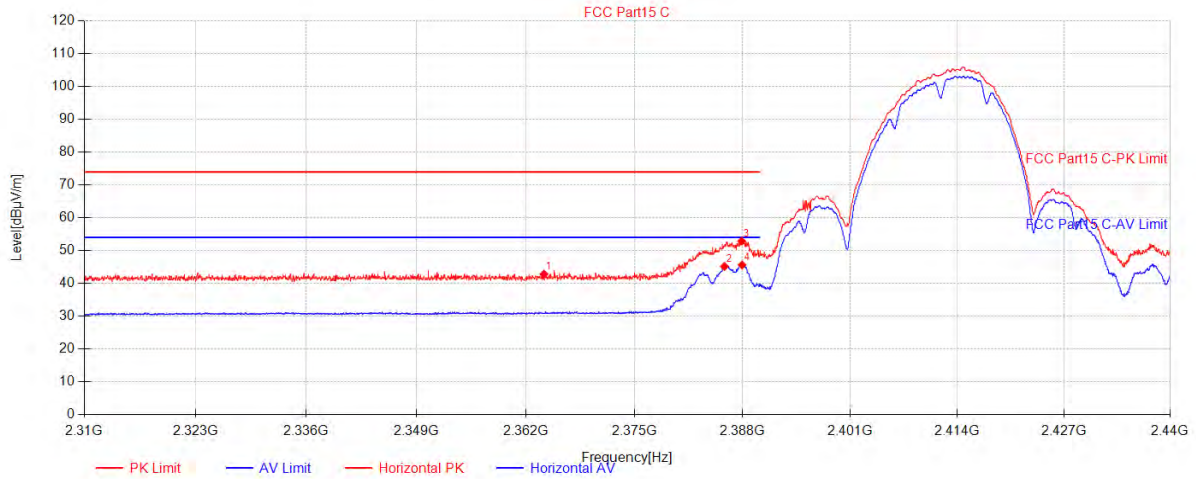
Margin = Limit(dBµV/m) – Level(dBµV/m)



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### Restricted bands around fundamental frequency

#### 802.11b\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2364.1667	39.75	3.08	42.83	74.00	31.17	133	11	Horizontal
2	2385.79	42.09	3.07	45.16	54.00	8.84	133	11	Horizontal
3	2387.87	49.79	3.07	52.86	74.00	21.14	133	11	Horizontal
4	2387.9133	42.53	3.07	45.60	54.00	8.40	133	11	Horizontal

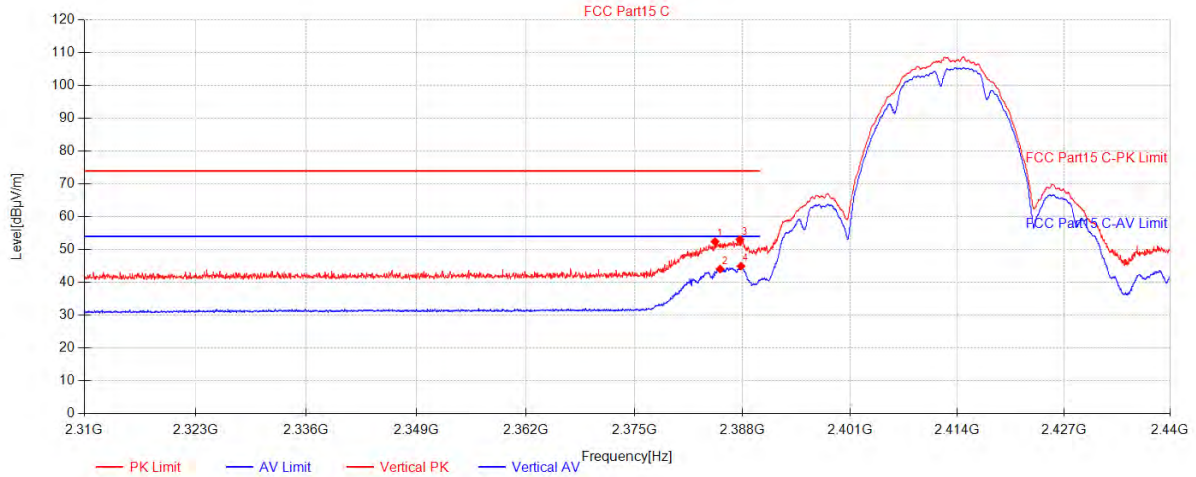


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802.11b\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.6633	49.34	3.07	52.41	74.00	21.59	154	88	Vertical
2	2385.27	40.98	3.07	44.05	54.00	9.95	154	88	Vertical
3	2387.6533	50.03	3.07	53.10	74.00	20.90	154	88	Vertical
4	2387.7833	41.88	3.07	44.95	54.00	9.05	154	88	Vertical

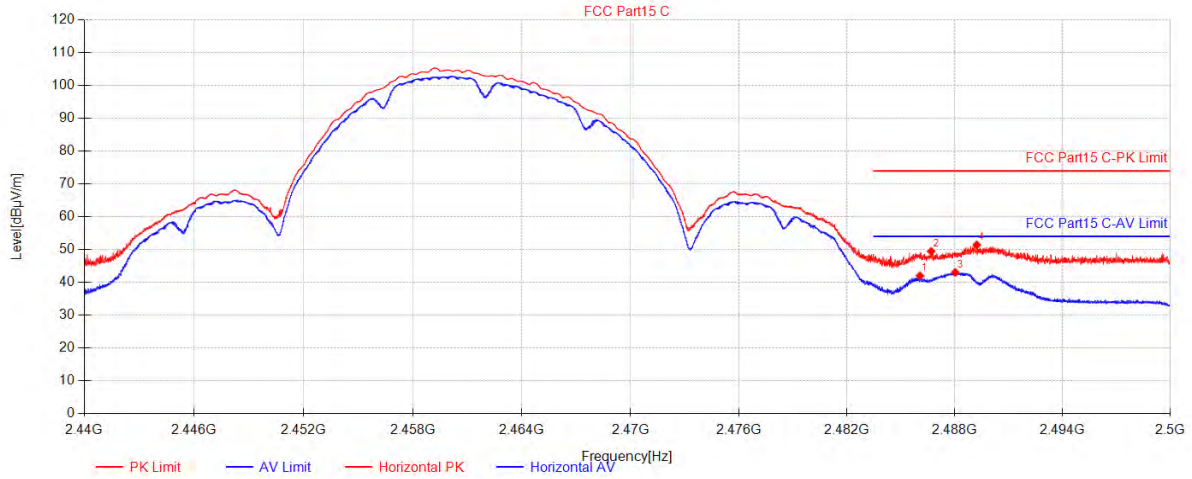


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802.11b\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2486.05	38.38	3.61	41.99	54.00	12.01	199	46	Horizontal
2	2486.68	45.86	3.62	49.48	74.00	24.52	199	46	Horizontal
3	2488.0225	39.38	3.62	43.00	54.00	11.00	199	46	Horizontal
4	2489.2225	47.80	3.63	51.43	74.00	22.57	199	46	Horizontal



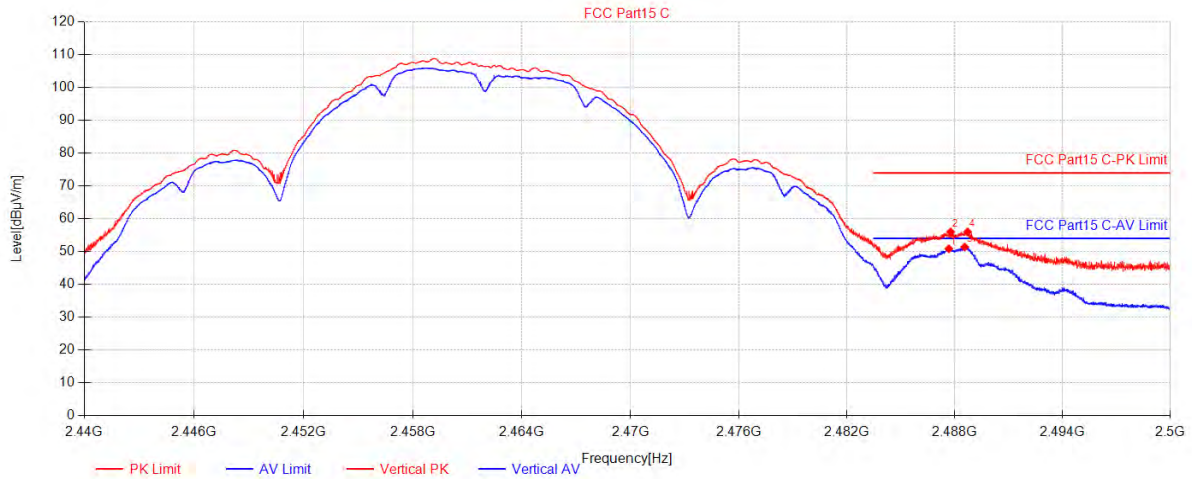
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802.11b\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2487.6625	47.22	3.62	50.84	54.00	3.16	102	112	Vertical
2	2487.76	52.37	3.62	55.99	74.00	18.01	102	112	Vertical
3	2488.5475	47.77	3.63	51.40	54.00	2.60	102	112	Vertical
4	2488.705	52.39	3.63	56.02	74.00	17.98	102	112	Vertical

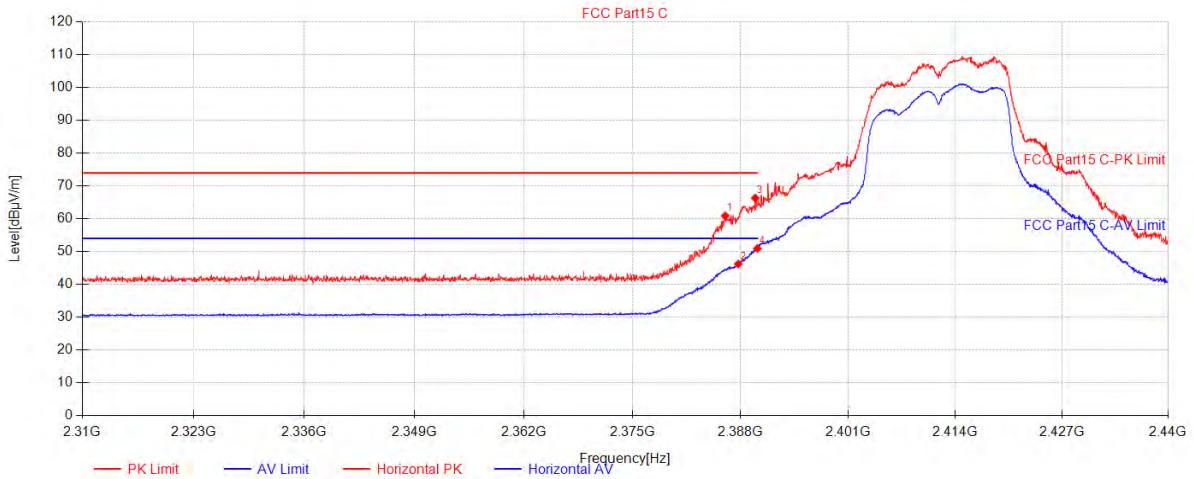


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802.11g\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.1367	57.82	3.07	60.89	74.00	13.11	194	136	Horizontal
2	2387.6967	43.13	3.07	46.20	54.00	7.80	194	136	Horizontal
3	2389.7333	63.26	3.07	66.33	74.00	7.67	194	136	Horizontal
4	2389.9933	47.85	3.07	50.92	54.00	3.08	194	136	Horizontal

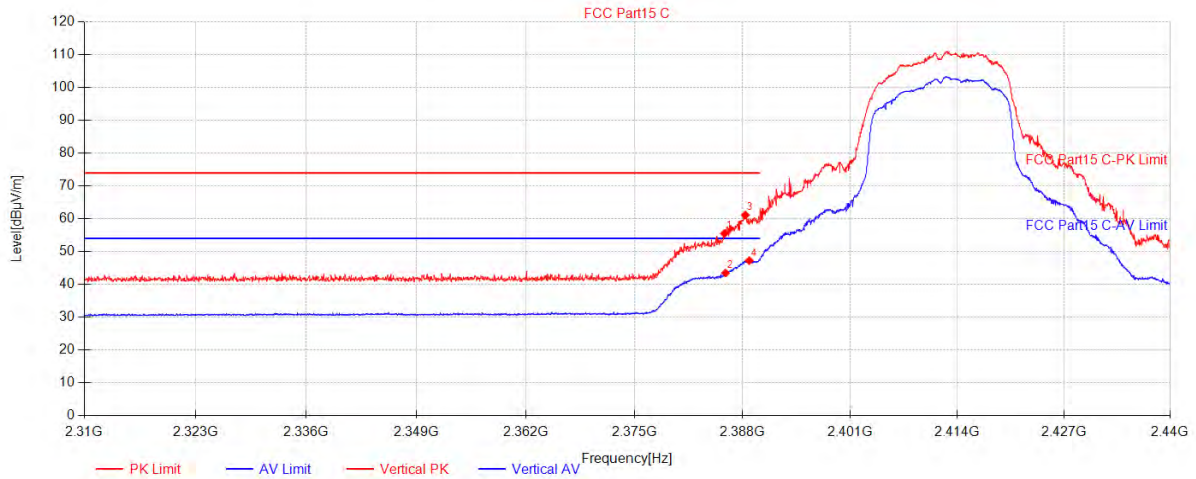


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802.11g\_Channel 01 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.79	52.43	3.07	55.50	74.00	18.50	220	214	Vertical
2	2385.92	40.37	3.07	43.44	54.00	10.56	220	214	Vertical
3	2388.3033	58.07	3.07	61.14	74.00	12.86	220	214	Vertical
4	2388.78	44.16	3.07	47.23	54.00	6.77	220	214	Vertical

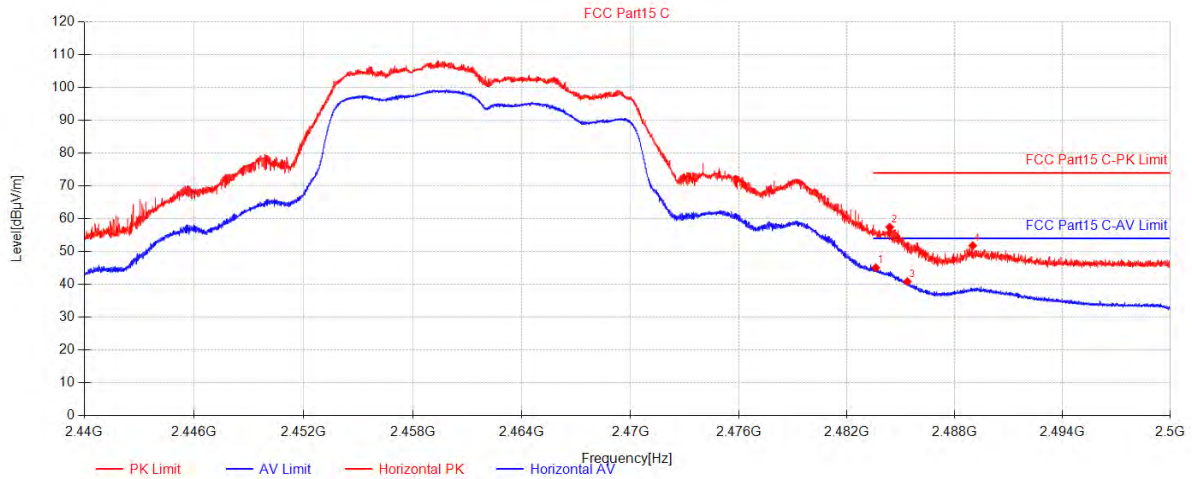


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802.11g\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5975	41.46	3.60	45.06	54.00	8.94	196	166	Horizontal
2	2484.3775	53.85	3.60	57.45	74.00	16.55	196	166	Horizontal
3	2485.3525	37.22	3.61	40.83	54.00	13.17	196	166	Horizontal
4	2488.99	48.17	3.63	51.80	74.00	22.20	196	166	Horizontal

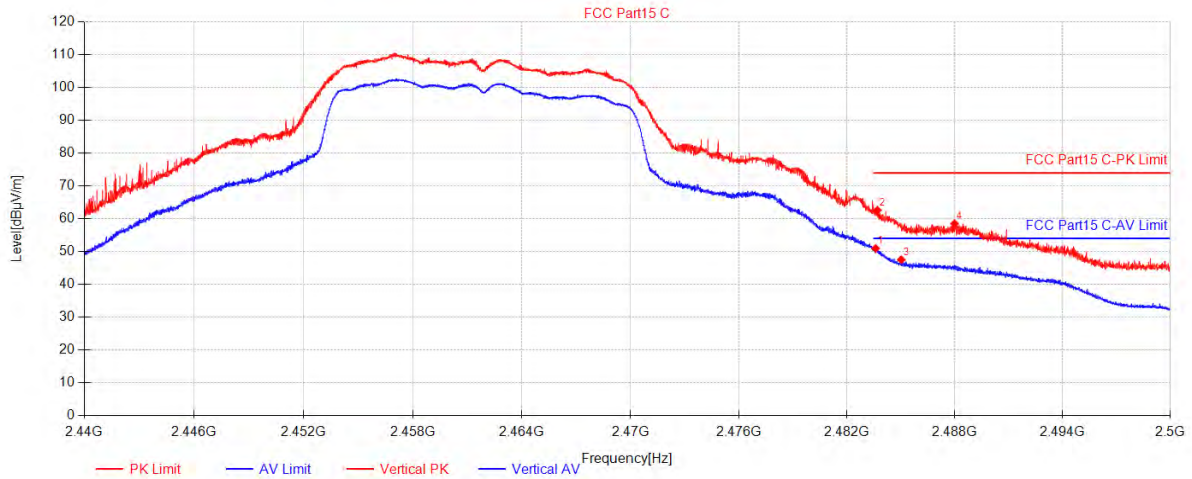


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802.11g\_Channel 11 CDD



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.59	47.37	3.60	50.97	54.00	3.03	133	101	Vertical
2	2483.6875	59.01	3.60	62.61	74.00	11.39	133	101	Vertical
3	2485.015	43.90	3.61	47.51	54.00	6.49	133	101	Vertical
4	2487.9775	54.88	3.62	58.50	74.00	15.50	133	101	Vertical

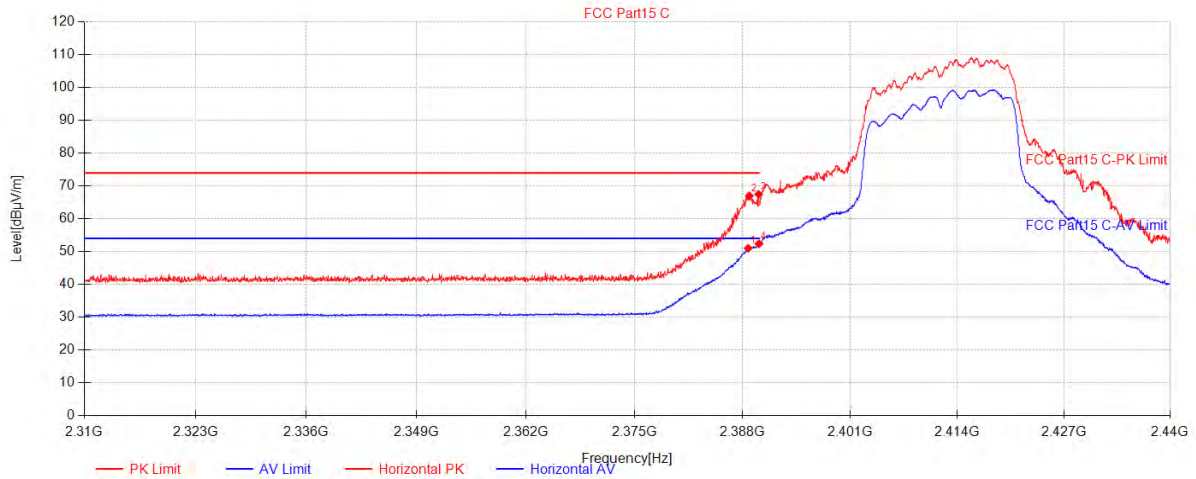


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802.11n20\_Channel 01 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.65	47.93	3.07	51.00	54.00	3.00	236	251	Horizontal
2	2388.78	63.94	3.07	67.01	74.00	6.99	236	251	Horizontal
3	2389.9067	64.41	3.07	67.48	74.00	6.52	236	251	Horizontal
4	2389.95	49.29	3.07	52.36	54.00	1.64	236	251	Horizontal

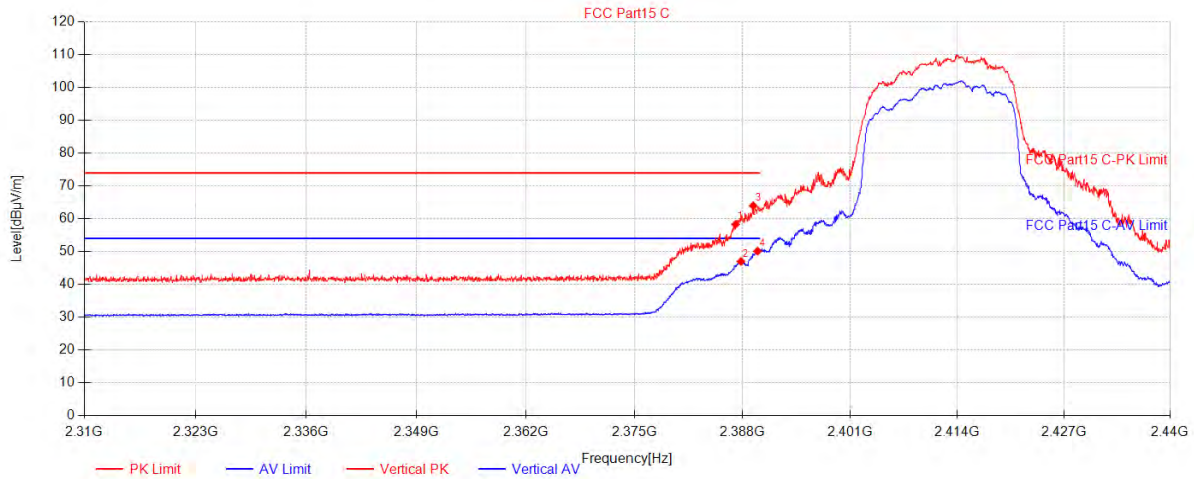


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802.11n20\_Channel 01 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.1333	55.23	3.07	58.30	74.00	15.70	235	115	Vertical
2	2387.7833	43.91	3.07	46.98	54.00	7.02	235	115	Vertical
3	2389.2567	60.89	3.07	63.96	74.00	10.04	235	115	Vertical
4	2389.7767	47.06	3.07	50.13	54.00	3.87	235	115	Vertical

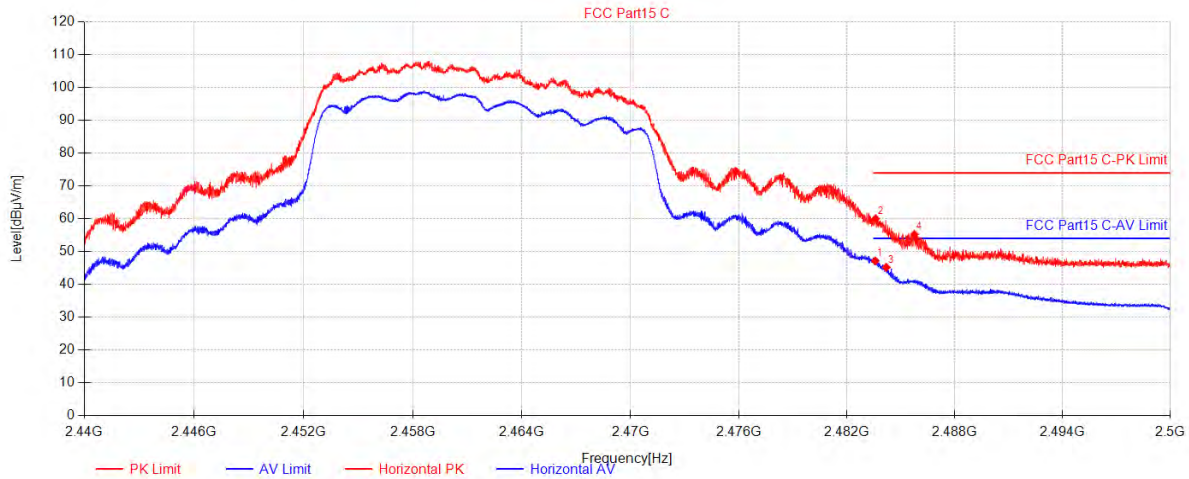


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802.11n20\_Channel 11 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5675	43.55	3.60	47.15	54.00	6.85	128	13	Horizontal
2	2483.59	56.45	3.60	60.05	74.00	13.95	128	13	Horizontal
3	2484.1825	41.60	3.60	45.20	54.00	8.80	128	13	Horizontal
4	2485.7425	51.66	3.61	55.27	74.00	18.73	128	13	Horizontal



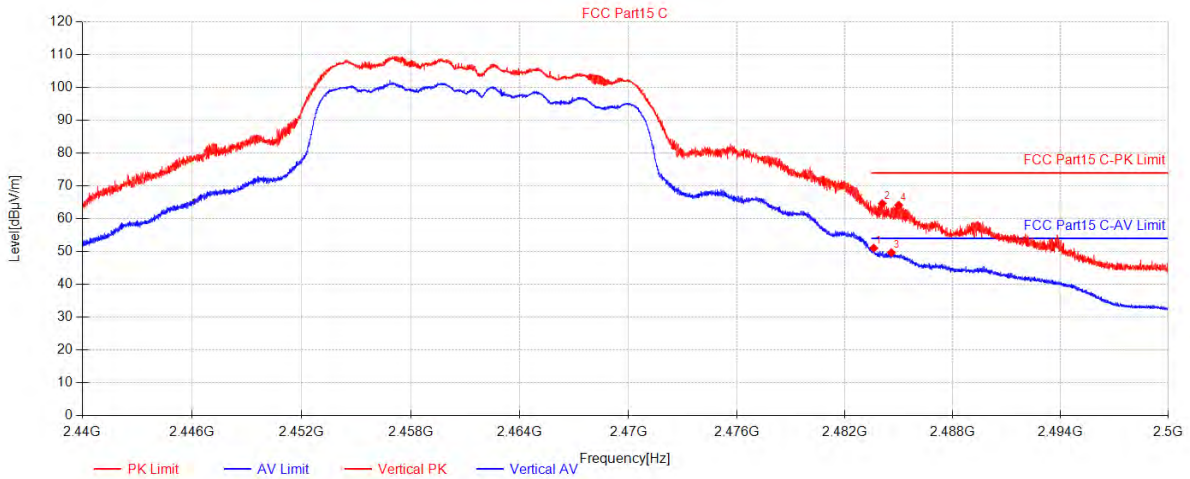
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802.11n20\_Channel 11 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5975	47.45	3.60	51.05	54.00	2.95	222	134	Vertical
2	2484.0775	61.06	3.60	64.66	74.00	9.34	222	134	Vertical
3	2484.58	46.09	3.60	49.69	54.00	4.31	222	134	Vertical
4	2484.985	60.54	3.61	64.15	74.00	9.85	222	134	Vertical

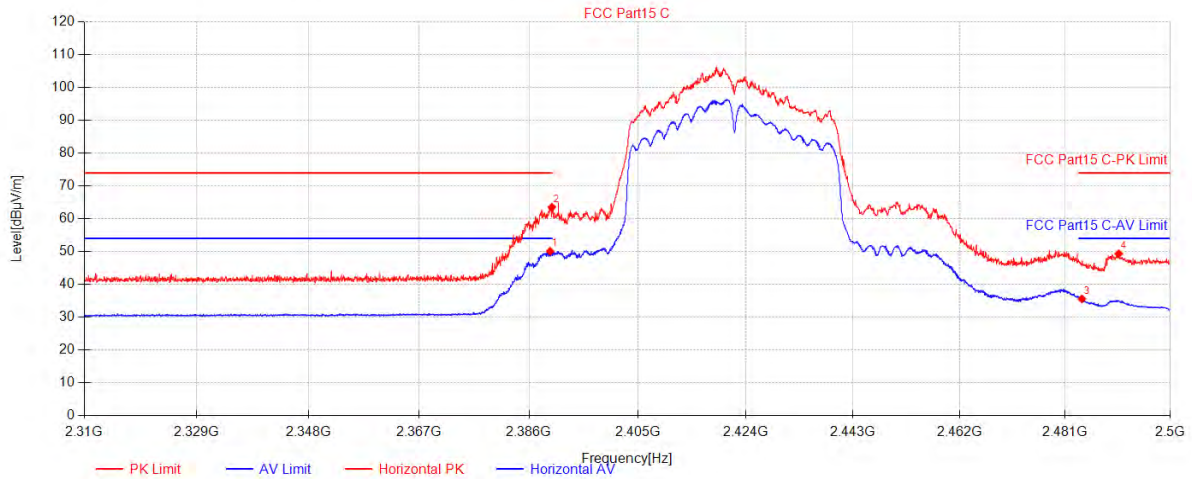


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802.11n40\_Channel 03 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.69	47.01	3.07	50.08	54.00	3.92	254	30	Horizontal
2	2389.9933	60.47	3.07	63.54	74.00	10.46	254	30	Horizontal
3	2484.04	31.95	3.60	35.55	54.00	18.45	254	30	Horizontal
4	2490.7	45.70	3.64	49.34	74.00	24.66	254	30	Horizontal

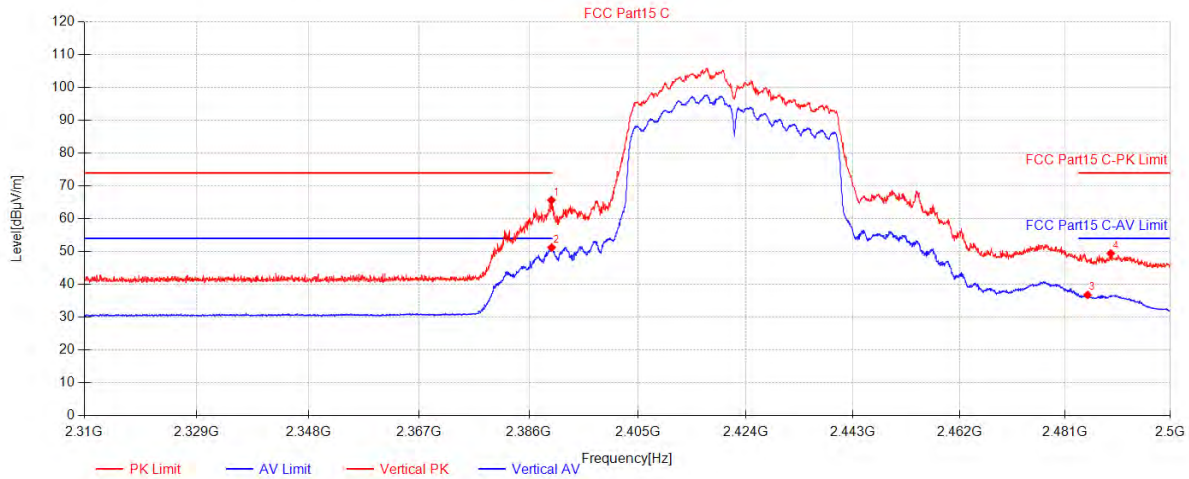


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802.11n40\_Channel 03 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.9067	62.58	3.07	65.65	74.00	8.35	196	122	Vertical
2	2389.95	48.16	3.07	51.23	54.00	2.77	196	122	Vertical
3	2485.06	33.15	3.61	36.76	54.00	17.24	196	122	Vertical
4	2489.26	45.81	3.63	49.44	74.00	24.56	196	122	Vertical

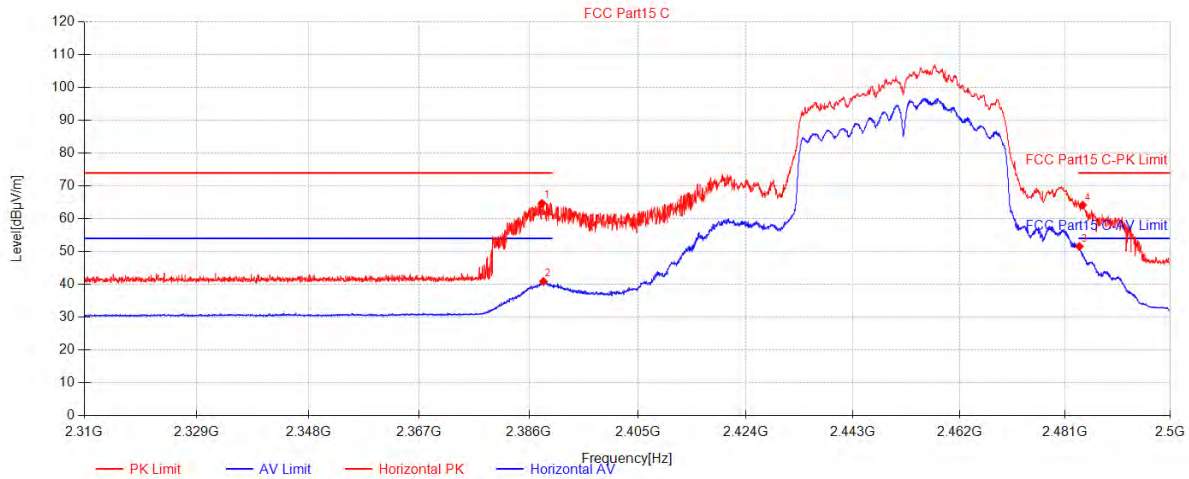


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802.11n40\_Channel 09 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.26	61.64	3.07	64.71	74.00	9.29	196	32	Horizontal
2	2388.52	37.80	3.07	40.87	54.00	13.13	196	32	Horizontal
3	2483.56	47.98	3.60	51.58	54.00	2.42	196	32	Horizontal
4	2484.16	60.57	3.60	64.17	74.00	9.83	196	32	Horizontal

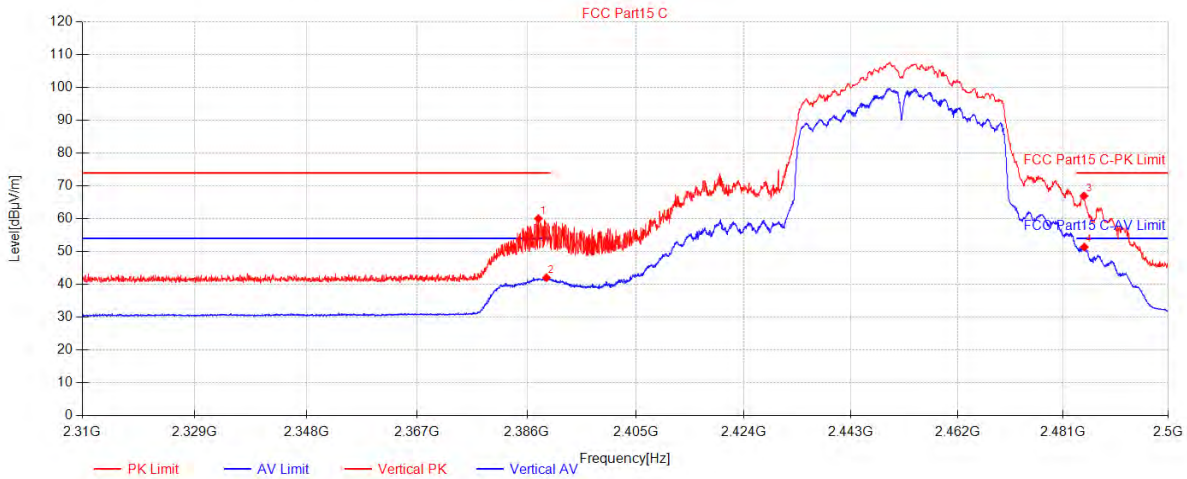


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802.11n40\_Channel 09 MIMO



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388	56.98	3.07	60.05	74.00	13.95	225	143	Vertical
2	2389.3867	38.93	3.07	42.00	54.00	12.00	225	143	Vertical
3	2484.76	63.36	3.60	66.96	74.00	7.04	225	143	Vertical
4	2484.82	47.79	3.60	51.39	54.00	2.61	225	143	Vertical

Remark:

For WLAN SISO & MIMO mode for 802.11b/g/n mode, the whole testing has assessed only MIMO mode by referring to their higher output power.

Level = Reading Level(dBµV) + Factor(dB):

Factor = AF(dB/m) + Cable Factor(dB)

AF = Antenna Factor(dB/m)

Margin = Limit(dBµV/m) – Level(dBµV/m)

---End of Report---



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