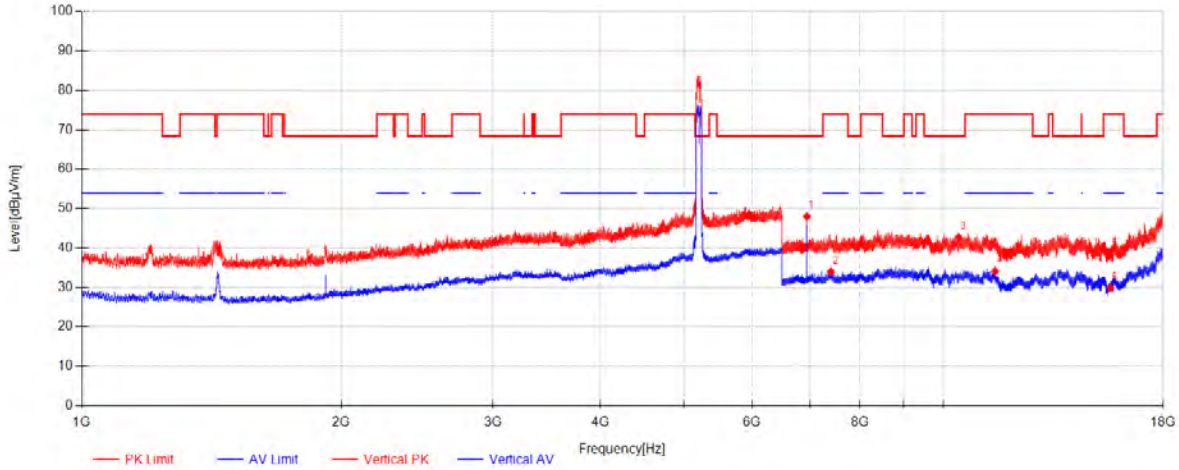


802.11ac80\_Channel 42



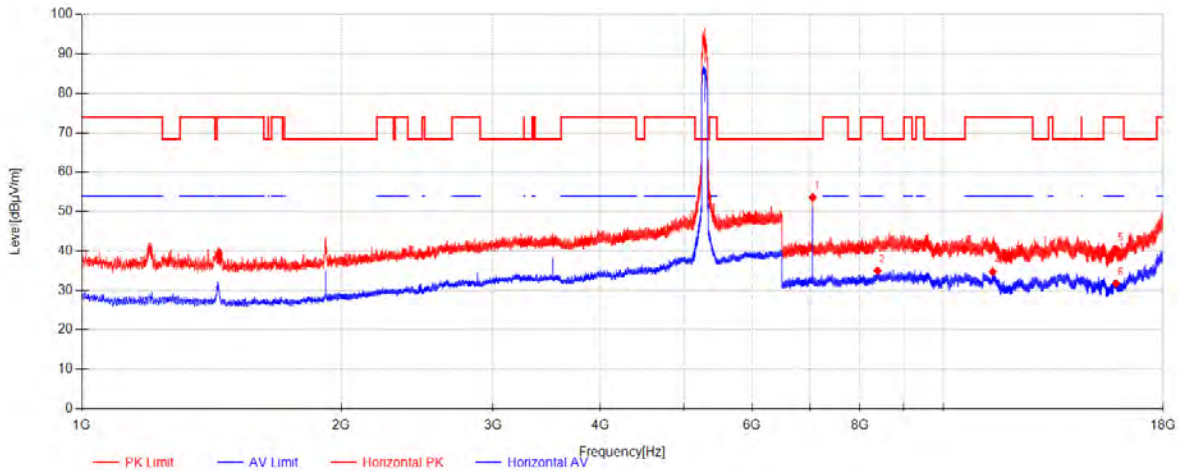
Data List										
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1	6946.5833	55.42	36.02	-43.48	47.96	68.30	20.34	251	292	Vertical
2	7404.6667	40.33	36.49	-42.81	34.01	54.00	19.99	142	355	Vertical
3	10420.0000	42.56	38.88	-38.73	42.71	68.30	25.59	156	49	Vertical
4	11484.2917	31.76	39.02	-36.67	34.11	54.00	19.89	136	146	Vertical
5	15630.0000	34.02	38.40	-34.04	38.39	74.00	35.61	259	146	Vertical
6	15630.0000	25.51	38.40	-34.04	29.88	54.00	24.12	155	341	Vertical



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802.11ac80\_Channel 58



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7053.4375	60.74	36.22	-43.35	53.61	68.30	14.69	245	123	Horizontal
2	8390.3125	39.13	37.32	-41.42	35.03	54.00	18.97	152	149	Horizontal
3	10580.0000	39.33	39.04	-38.16	40.21	68.30	28.09	166	197	Horizontal
4	11412.8958	33.02	39.10	-37.38	34.73	54.00	19.27	169	296	Horizontal
5	15870.0000	36.25	38.08	-33.81	40.52	74.00	33.48	148	360	Horizontal
6	15870.0000	27.46	38.08	-33.81	31.73	54.00	22.27	175	4	Horizontal

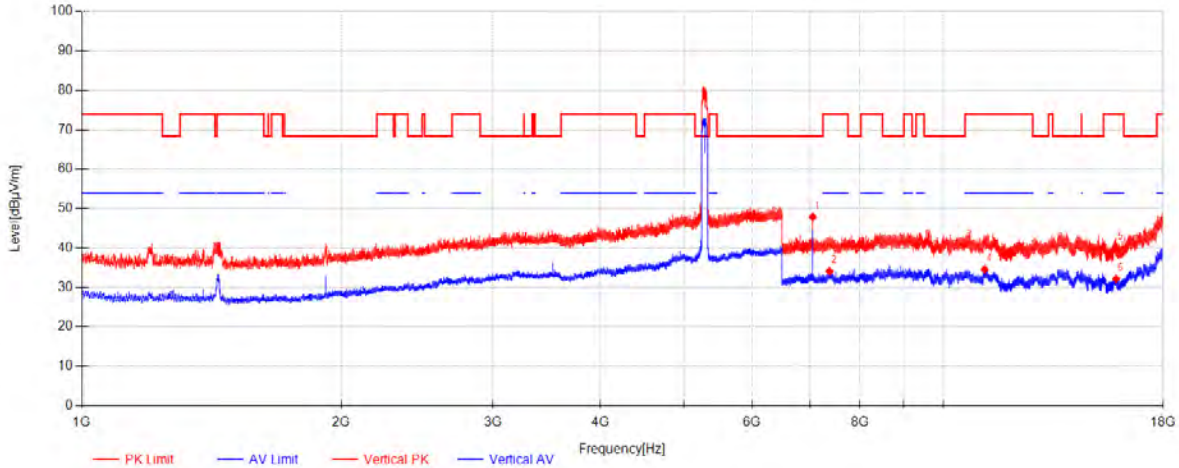


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802.11ac80\_Channel 58



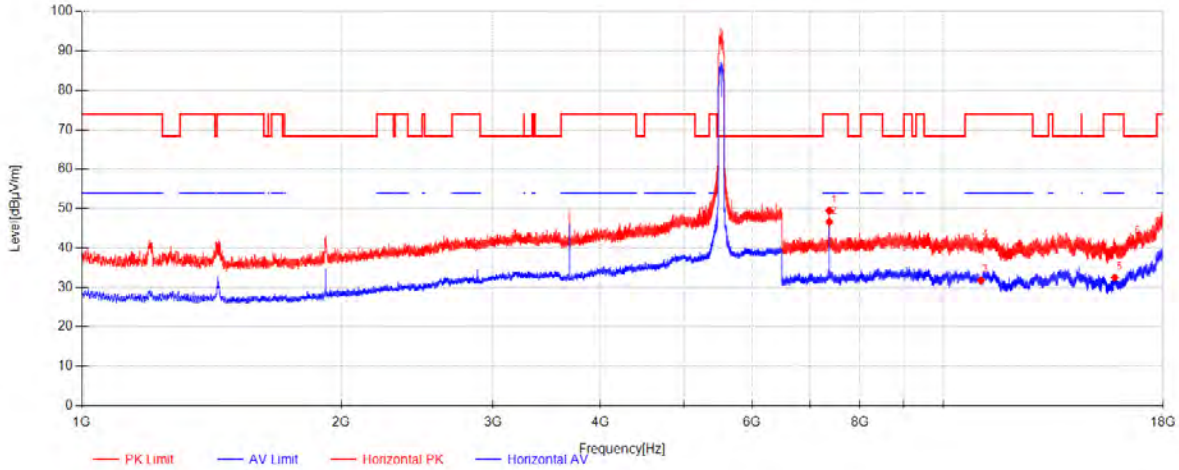
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7053.4375	54.99	36.22	-43.35	47.86	68.30	20.44	248	122	Vertical
2	7378.7917	40.51	36.50	-42.90	34.11	54.00	19.89	156	360	Vertical
3	10580.0000	39.89	39.04	-38.16	40.77	68.30	27.53	199	74	Vertical
4	11170.4375	32.42	39.10	-36.94	34.58	54.00	19.42	187	3	Vertical
5	15870.0000	35.80	38.08	-33.81	40.07	74.00	33.93	149	360	Vertical
6	15870.0000	27.90	38.08	-33.81	32.17	54.00	21.83	173	196	Vertical



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802.11ac80\_Channel 106



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7373.5208	55.86	36.50	-42.93	49.43	74.00	24.57	245	49	Horizontal
2	7373.5208	53.04	36.50	-42.93	46.61	54.00	7.39	184	49	Horizontal
3	11060.0000	30.35	39.08	-37.69	31.75	54.00	22.25	253	318	Horizontal
4	11060.0000	39.42	39.08	-37.69	40.82	74.00	33.18	162	196	Horizontal
5	15815.4792	27.55	38.17	-33.23	32.50	54.00	21.50	174	122	Horizontal
6	16590.0000	38.01	38.11	-34.50	41.62	68.30	26.68	190	73	Horizontal

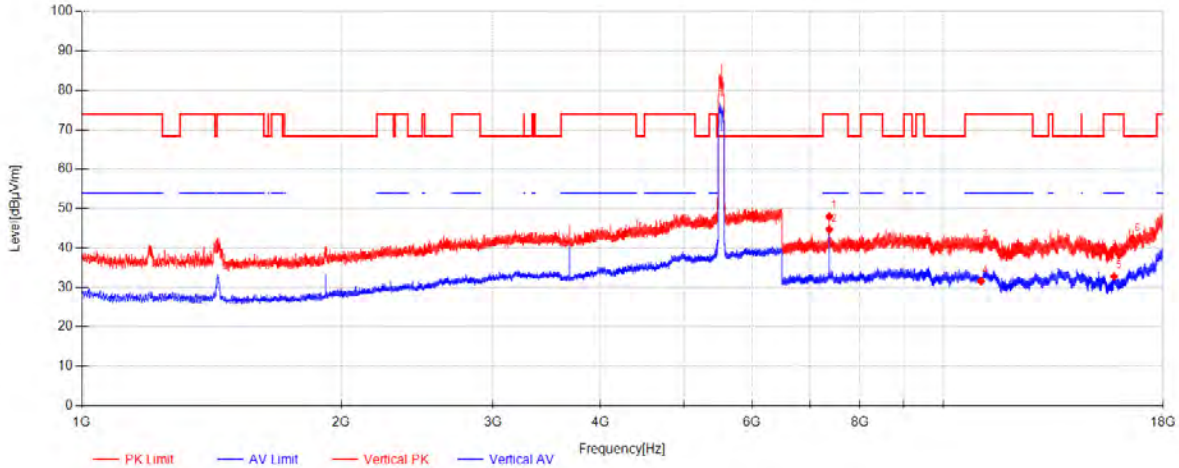


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802.11ac80\_Channel 106



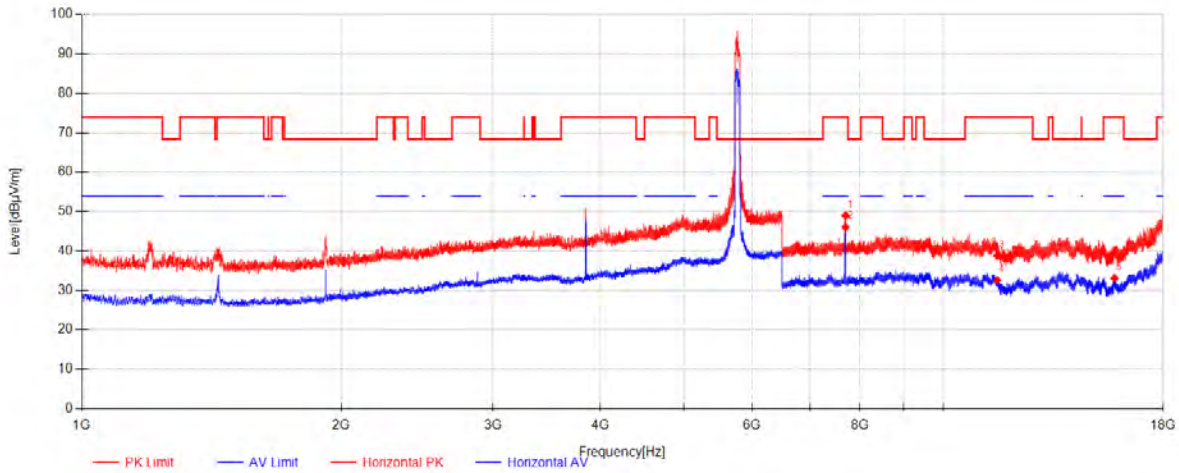
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7373.5208	54.40	36.50	-42.93	47.97	74.00	26.03	244	296	Vertical
2	7374	51.17	36.50	-42.93	44.74	54.00	9.26	187	272	Vertical
3	11060.0000	39.08	39.08	-37.69	40.48	74.00	33.52	184	360	Vertical
4	11060.0000	30.18	39.08	-37.69	31.58	54.00	22.42	196	360	Vertical
5	15787.6875	27.66	38.21	-33.08	32.79	54.00	21.21	175	296	Vertical
6	16590.0000	38.78	38.11	-34.50	42.39	68.30	25.91	126	272	Vertical



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802.11ac80\_Channel 155



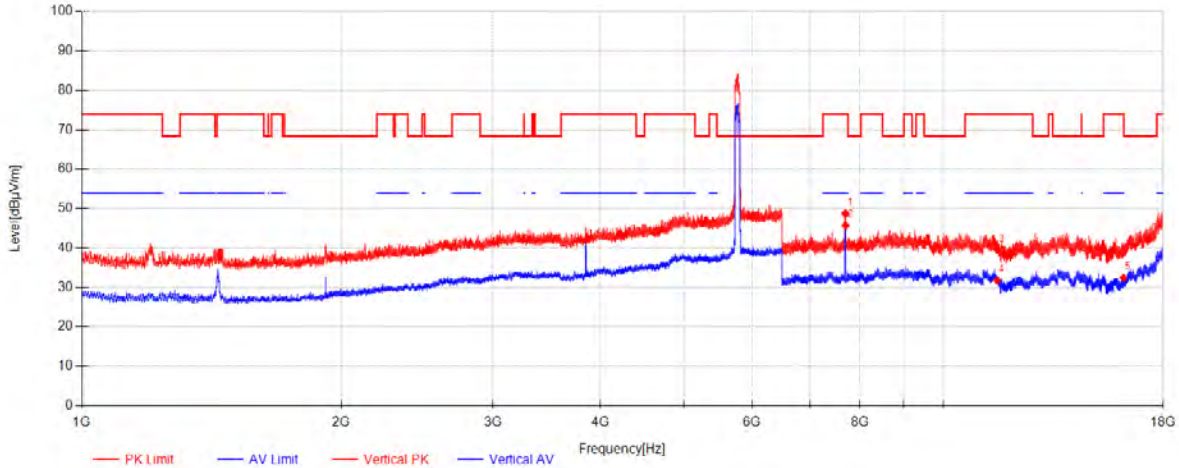
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7699.8333	55.35	36.58	-42.95	48.99	74.00	25.01	215	245	Horizontal
2	7700.3125	52.40	36.59	-42.95	46.04	54.00	7.96	132	245	Horizontal
3	11550.0000	36.57	38.94	-36.75	38.77	74.00	35.23	145	25	Horizontal
4	11550.0000	30.41	38.94	-36.75	32.61	54.00	21.39	156	197	Horizontal
5	15805.8958	28.08	38.19	-33.12	33.15	54.00	20.85	192	356	Horizontal
6	17325.0000	38.16	38.77	-35.15	41.78	68.30	26.52	142	319	Horizontal



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802.11ac80\_Channel 155



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7699.8333	55.06	36.58	-42.95	48.70	74.00	25.30	125	296	Vertical
2	7700.3125	52.11	36.59	-42.95	45.75	54.00	8.25	144	342	Vertical
3	11550.0000	37.37	38.94	-36.75	39.57	74.00	34.43	136	296	Vertical
4	11550.0000	29.55	38.94	-36.75	31.75	54.00	22.25	269	97	Vertical
5	16190.6667	29.23	37.63	-34.42	32.44	54.00	21.56	192	73	Vertical
6	17325.0000	38.65	38.77	-35.15	42.27	68.30	26.03	154	172	Vertical

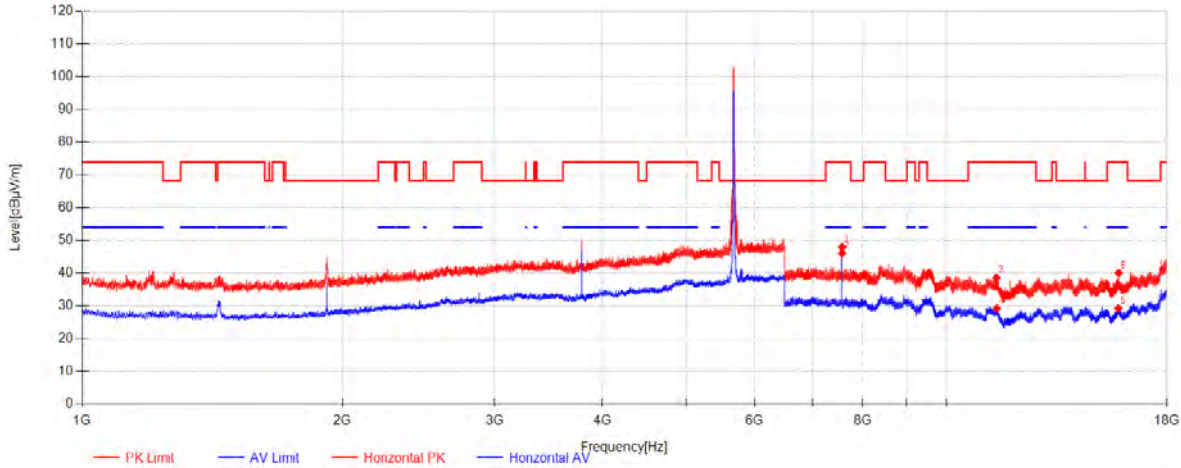


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802.11a\_Channel 136



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7573.3333	54.40	36.40	-42.85	47.95	74.00	26.05	136	113	Horizontal
2	7573.8125	52.54	36.40	-42.85	46.09	54.00	7.91	259	234	Horizontal
3	11425.8333	36.75	39.08	-37.25	38.58	74.00	35.42	148	5	Horizontal
4	11440.2083	27.25	39.07	-37.11	29.21	54.00	24.79	175	215	Horizontal
5	15810.2083	24.21	38.18	-33.17	29.22	54.00	24.78	126	260	Horizontal
6	15828.8958	35.26	38.15	-33.37	40.04	74.00	33.96	166	88	Horizontal

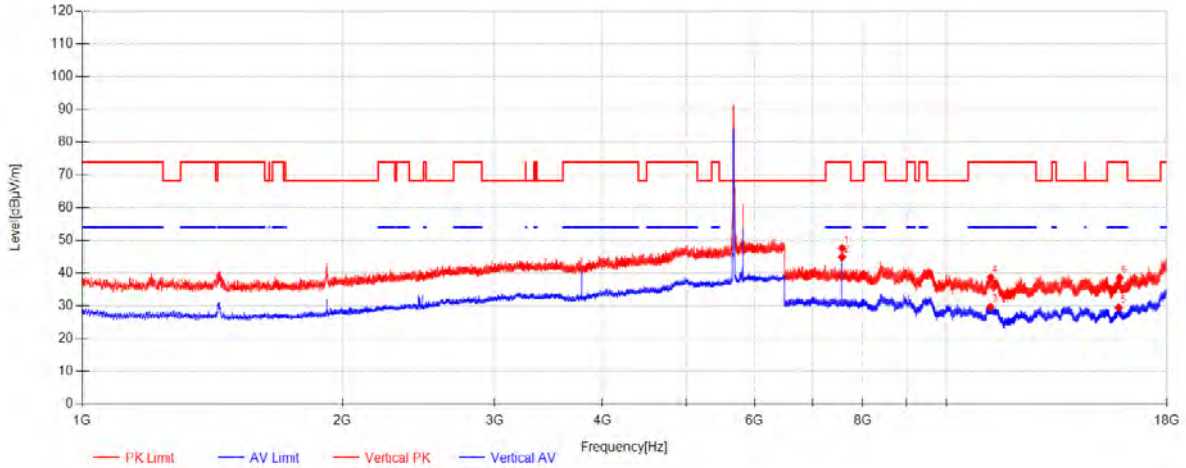


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802.11a\_Channel 136



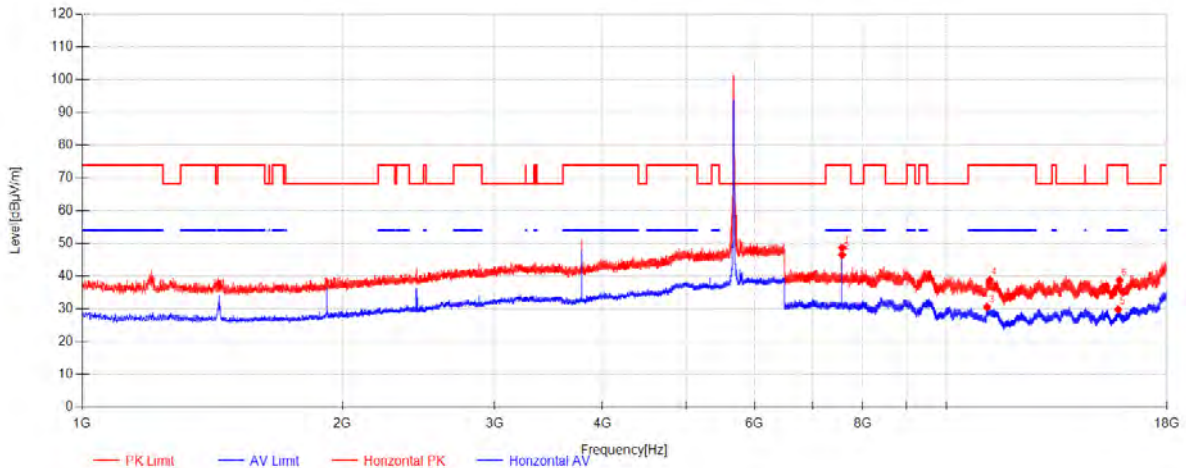
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7573.3333	54.05	36.40	-42.85	47.60	74.00	26.40	156	263	Vertical
2	7573.8125	51.38	36.40	-42.85	44.93	54.00	9.07	263	123	Vertical
3	11246.625	27.47	39.11	-36.89	29.69	54.00	24.31	251	142	Vertical
4	11254.2917	36.52	39.11	-36.94	38.69	74.00	35.31	148	0	Vertical
5	15825.0625	24.70	38.16	-33.33	29.53	54.00	24.47	195	26	Vertical
6	15871.0625	34.37	38.08	-33.82	38.63	74.00	35.37	175	42	Vertical



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802.11n20\_Channel 136



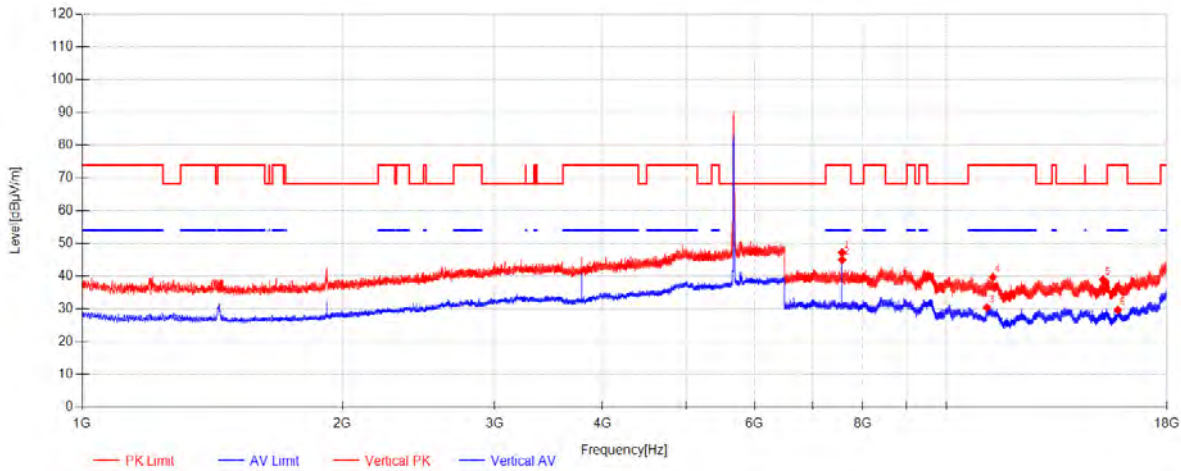
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7573.3333	55.13	36.40	-42.85	48.68	74.00	25.32	187	114	Horizontal
2	7573.8125	52.97	36.40	-42.85	46.52	54.00	7.48	196	25	Horizontal
3	11144.5625	28.71	39.10	-37.24	30.57	54.00	23.43	145	356	Horizontal
4	11228.8958	36.47	39.11	-36.78	38.80	74.00	35.20	182	212	Horizontal
5	15806.375	24.77	38.19	-33.13	29.83	54.00	24.17	133	16	Horizontal
6	15865.3125	34.41	38.09	-33.76	38.74	74.00	35.26	216	0	Horizontal



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802.11n20\_Channel 136



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7573.3333	53.65	36.40	-42.85	47.20	74.00	26.80	254	238	Vertical
2	7573.8125	51.46	36.40	-42.85	45.01	54.00	8.99	174	263	Vertical
3	11140.7292	28.60	39.10	-37.28	30.42	54.00	23.58	153	140	Vertical
4	11320.4167	37.81	39.11	-37.29	39.63	74.00	34.37	132	16	Vertical
5	15177.7083	33.85	38.98	-33.92	38.91	68.30	29.39	166	214	Vertical
6	15792	24.56	38.21	-33.08	29.69	54.00	24.31	122	114	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Pre-amplifier gain. The basic equation with a sample calculation is as follows:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Pre-amplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.
- For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11n HT20/40 by referring to their higher output power.



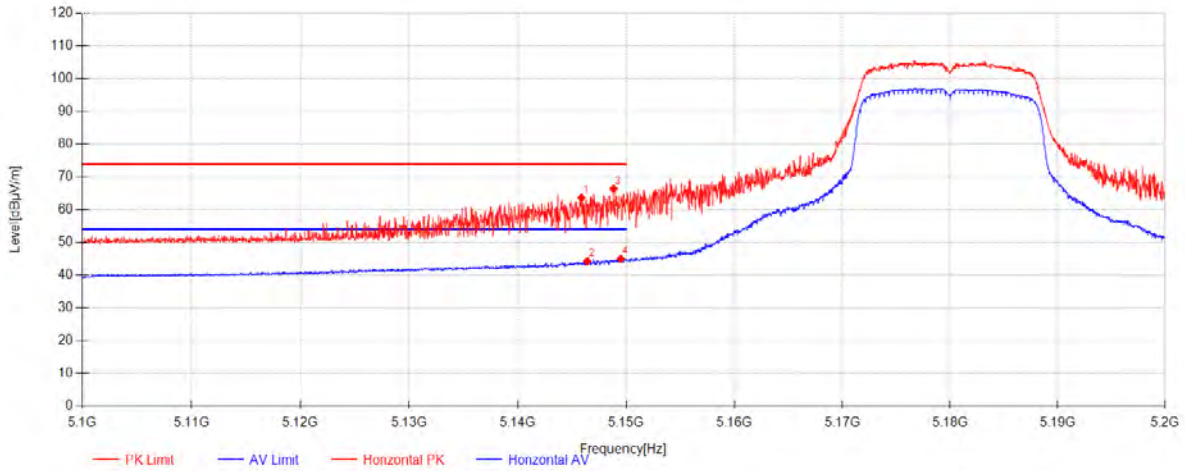
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### Restricted bands around fundamental frequency

#### 802.11a\_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.8667	49.79	32.96	-19.15	63.60	74.00	10.40	258	18	Horizontal
2	5146.4	30.46	32.96	-19.15	44.27	54.00	9.73	258	18	Horizontal
3	5148.8333	52.62	32.96	-19.14	66.44	74.00	7.56	258	18	Horizontal
4	5149.5	31.15	32.96	-19.14	44.97	54.00	9.03	258	18	Horizontal

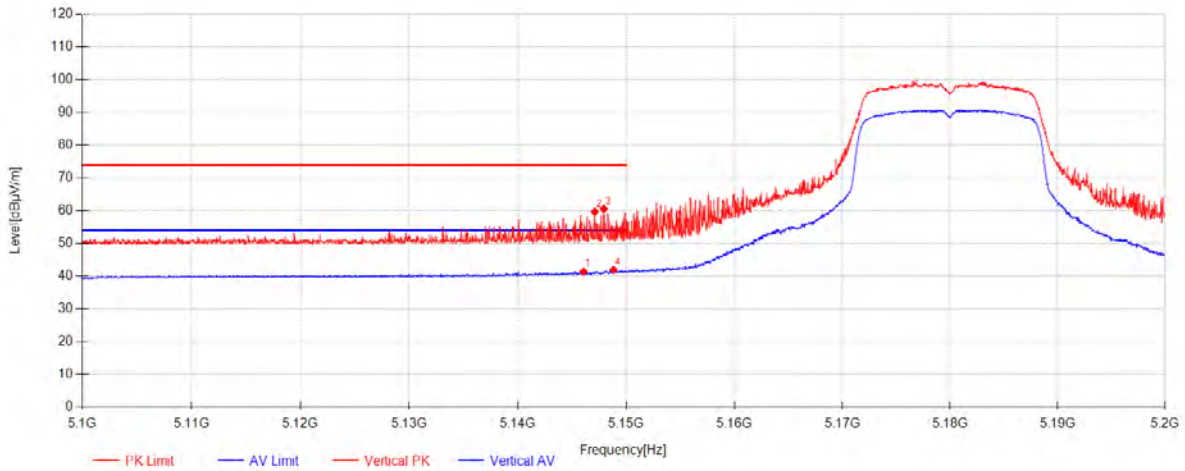


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802.11a\_Channel 36



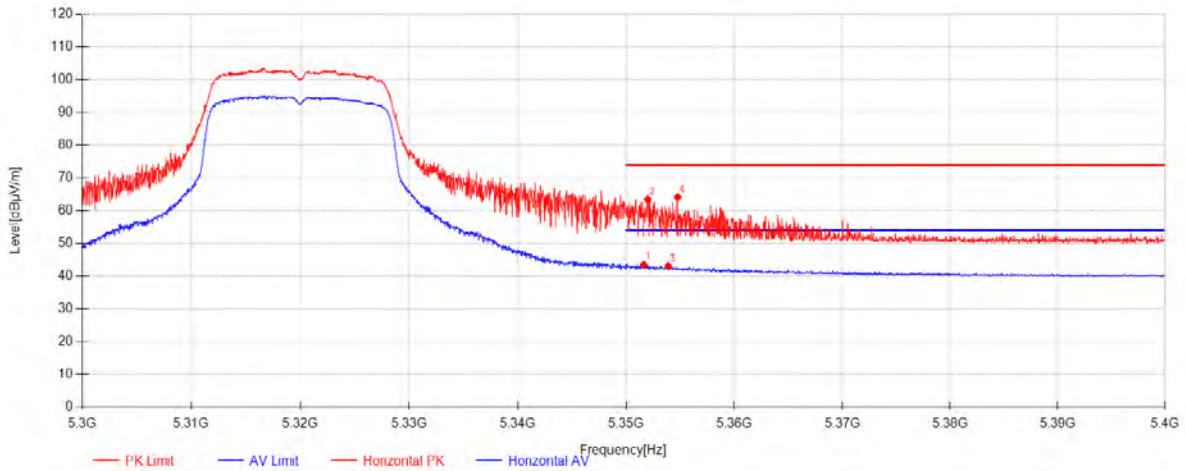
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1	5146.0667	27.57	32.96	-19.15	41.38	54.00	12.62	244	91	Vertical
2	5147.1	45.87	32.96	-19.15	59.68	74.00	14.32	244	91	Vertical
3	5147.9333	46.73	32.96	-19.14	60.55	74.00	13.45	244	91	Vertical
4	5148.8333	28.12	32.96	-19.14	41.94	54.00	12.06	244	91	Vertical



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802.11a\_Channel 64



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5351.6333	29.56	32.85	-18.90	43.50	54.00	10.50	266	144	Horizontal
2	5352	49.46	32.85	-18.90	63.40	74.00	10.60	266	144	Horizontal
3	5353.9	29.15	32.84	-18.91	43.08	54.00	10.92	266	144	Horizontal
4	5354.7667	50.17	32.84	-18.91	64.10	74.00	9.90	266	144	Horizontal



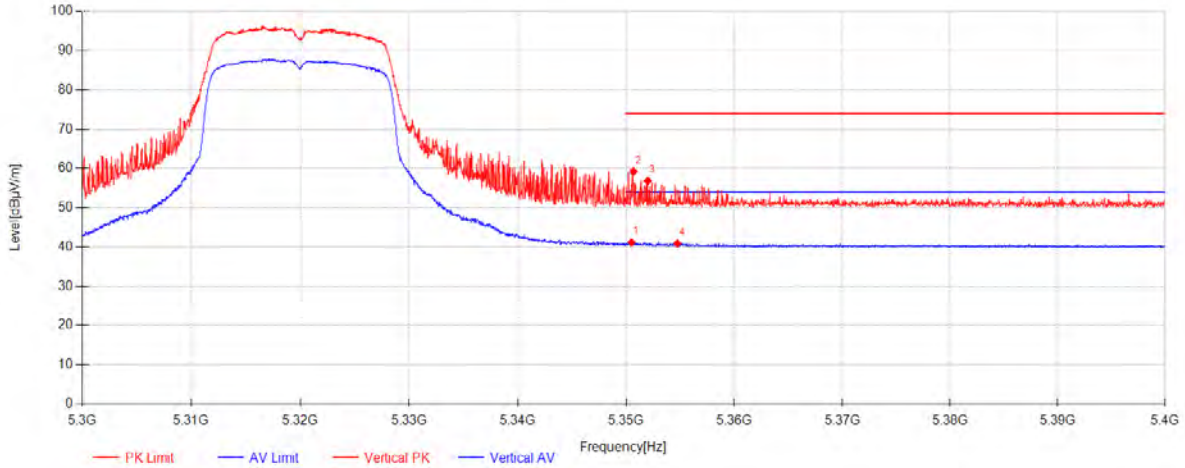
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802.11a\_Channel 64



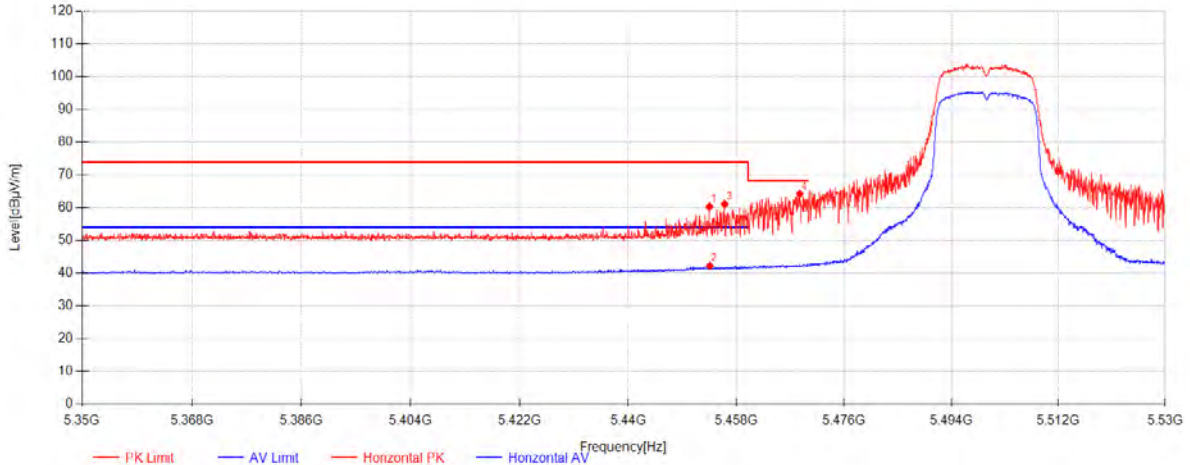
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.5	27.24	32.85	-18.90	41.19	54.00	12.81	253	67	Vertical
2	5350.6667	45.21	32.85	-18.90	59.16	74.00	14.84	253	67	Vertical
3	5352	42.91	32.85	-18.90	56.85	74.00	17.15	253	67	Vertical
4	5354.7333	26.97	32.84	-18.91	40.90	54.00	13.10	253	67	Vertical



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802.11a\_Channel 100



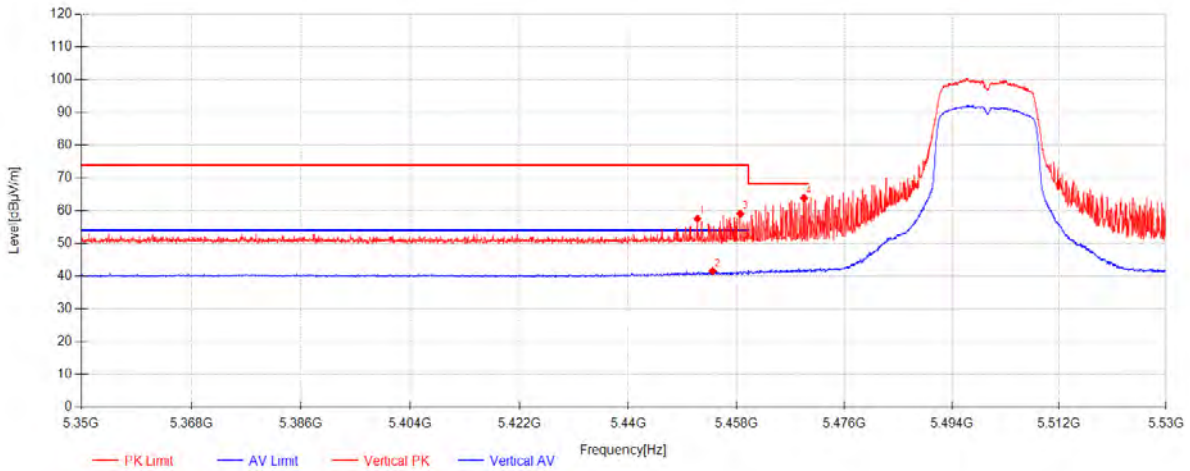
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1	5453.56	46.59	32.86	-19.11	60.34	74.00	13.66	296	140	Horizontal
2	5453.62	28.48	32.86	-19.11	42.23	54.00	11.77	296	140	Horizontal
3	5456.08	47.35	32.86	-19.11	61.10	74.00	12.90	296	140	Horizontal
4	5468.62	50.42	32.88	-19.13	64.17	68.30	4.13	296	140	Horizontal



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802.11a\_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5451.52	43.80	32.86	-19.10	57.55	74.00	16.45	255	80	Vertical
2	5454.04	27.80	32.86	-19.11	41.55	54.00	12.45	255	80	Vertical
3	5458.66	45.35	32.86	-19.11	59.10	74.00	14.90	255	80	Vertical
4	5469.28	50.09	32.88	-19.13	63.84	68.30	4.46	255	80	Vertical

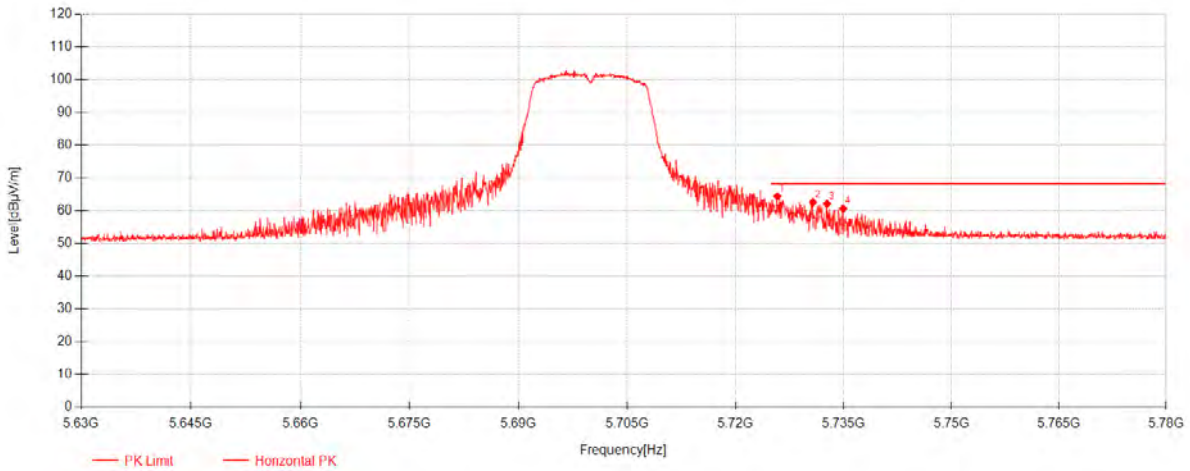


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802.11a\_Channel 140



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5725.8	49.73	33.48	-18.81	64.40	68.30	3.90	145	116	Horizontal
2	5730.75	47.91	33.50	-18.82	62.58	68.30	5.72	145	116	Horizontal
3	5732.7	47.43	33.50	-18.83	62.11	68.30	6.19	145	116	Horizontal
4	5734.95	45.95	33.51	-18.83	60.63	68.30	7.67	145	116	Horizontal

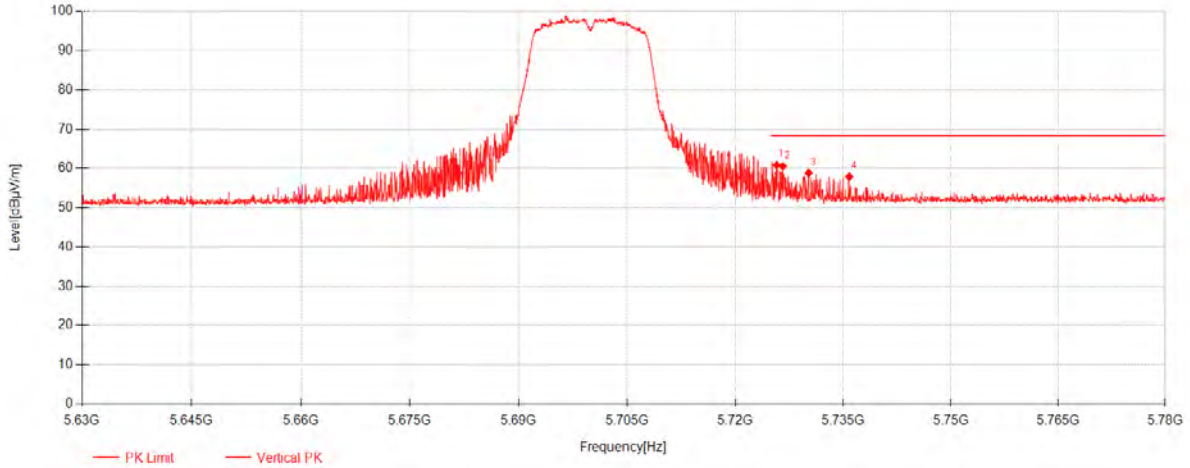


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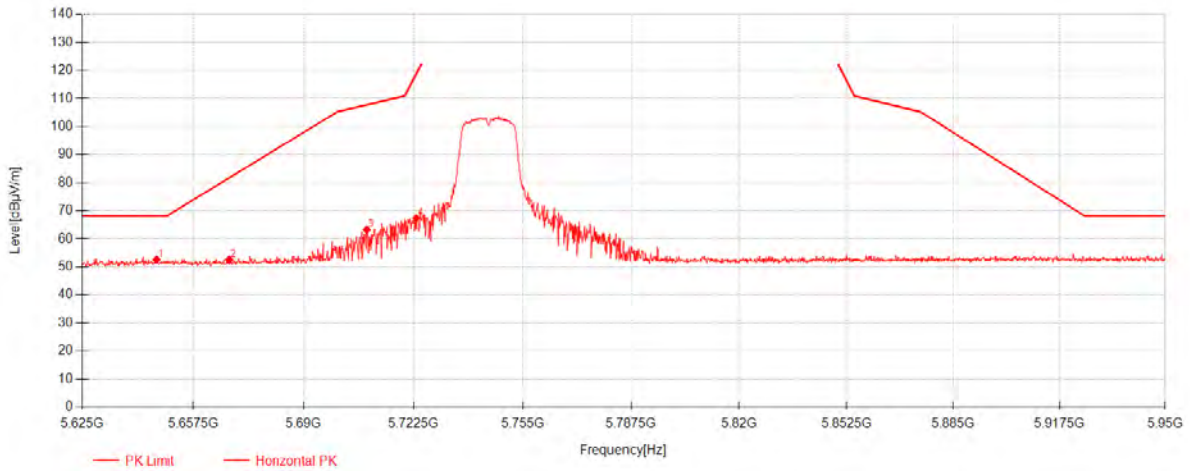
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1	5725.75	46.17	33.48	-18.81	60.84	68.30	7.46	152	100	Vertical
2	5726.6	45.88	33.48	-18.81	60.55	68.30	7.75	152	100	Vertical
3	5730.2	44.16	33.50	-18.82	58.83	68.30	9.47	152	100	Vertical
4	5735.85	43.20	33.52	-18.84	57.88	68.30	10.42	152	100	Vertical



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802.11a\_Channel 149



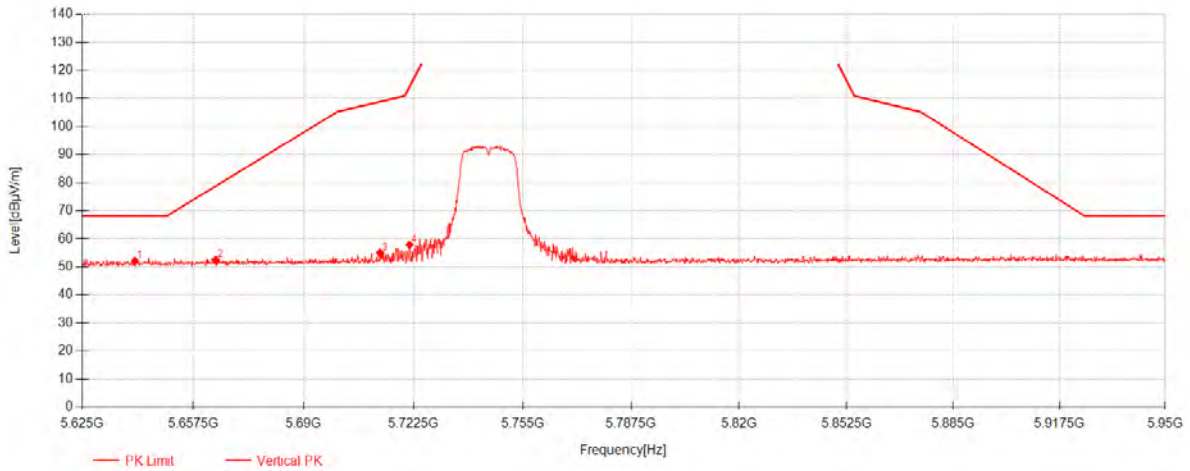
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1	5646.775	38.12	33.19	-18.72	52.59	68.30	15.71	125	228	Horizontal
2	5668.0625	38.04	33.27	-18.73	52.58	81.70	29.12	125	228	Horizontal
3	5708.6875	48.54	33.42	-18.76	63.20	107.73	44.53	125	228	Horizontal
4	5723.3125	52.70	33.47	-18.80	67.37	118.45	51.08	125	228	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5640.4375	37.66	33.17	-18.72	52.10	68.30	16.20	169	244	Vertical
2	5664.1625	37.93	33.25	-18.73	52.46	78.81	26.35	169	244	Vertical
3	5712.5875	40.28	33.43	-18.77	54.94	108.83	53.89	169	244	Vertical
4	5721.3625	43.20	33.46	-18.79	57.87	114.01	56.14	169	244	Vertical

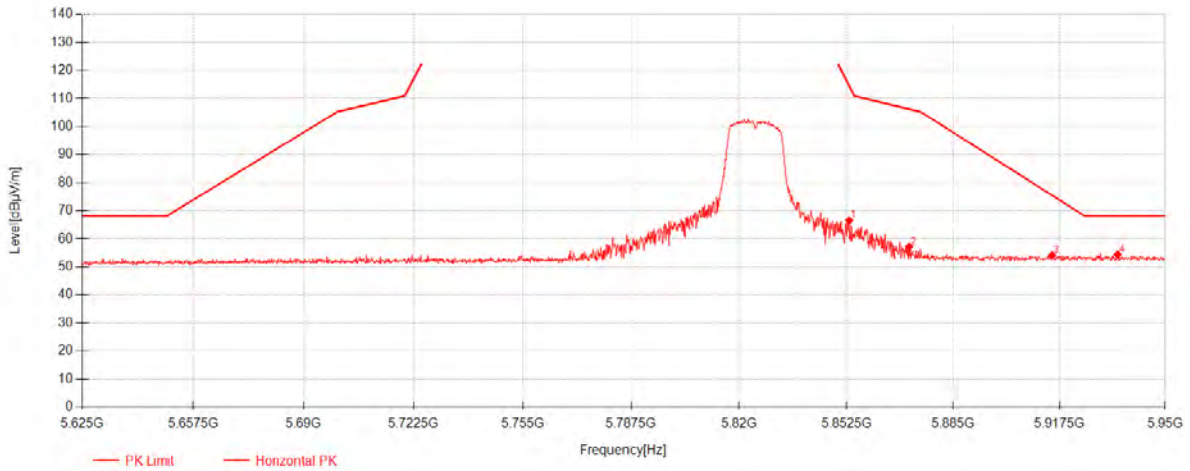


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802.11a\_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5853.3125	51.52	33.85	-18.88	66.50	114.75	48.25	241	151	Horizontal
2	5871.5125	42.09	33.89	-18.82	57.15	106.28	49.13	241	151	Horizontal
3	5915.225	38.85	33.97	-18.77	54.05	75.51	21.46	241	151	Horizontal
4	5935.375	39.18	34.01	-18.81	54.37	68.30	13.93	241	151	Horizontal

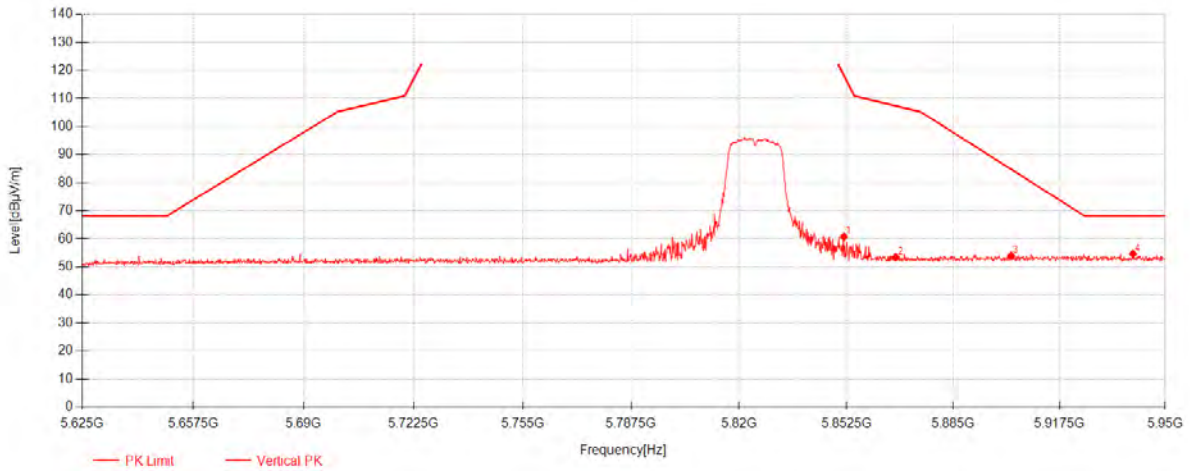


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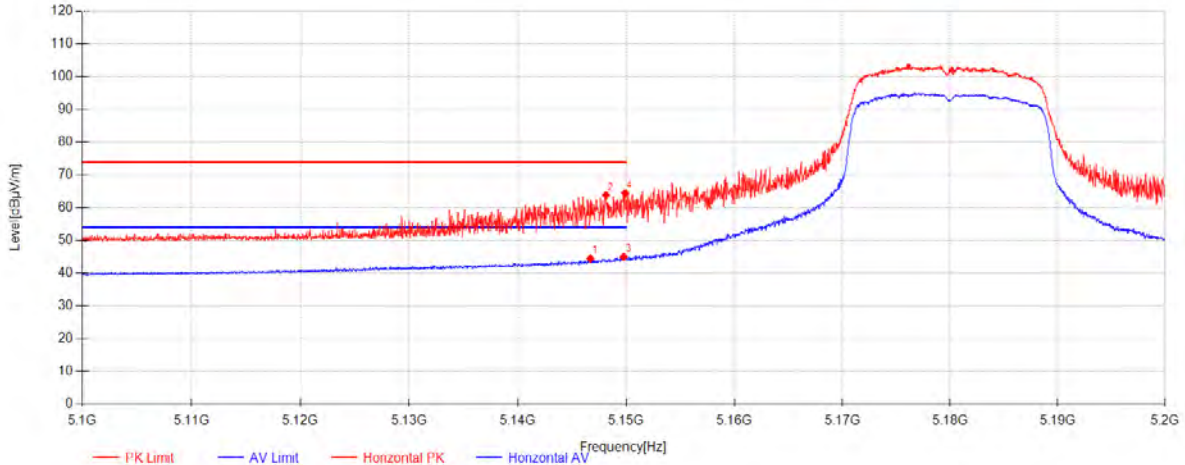
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1	5851.6875	45.81	33.85	-18.88	60.78	118.45	57.67	248	108	Vertical
2	5867.45	38.41	33.88	-18.83	53.45	107.41	53.96	248	108	Vertical
3	5902.7125	38.74	33.95	-18.75	53.94	84.75	30.81	248	108	Vertical
4	5940.0875	39.42	34.02	-18.82	54.61	68.30	13.69	248	108	Vertical



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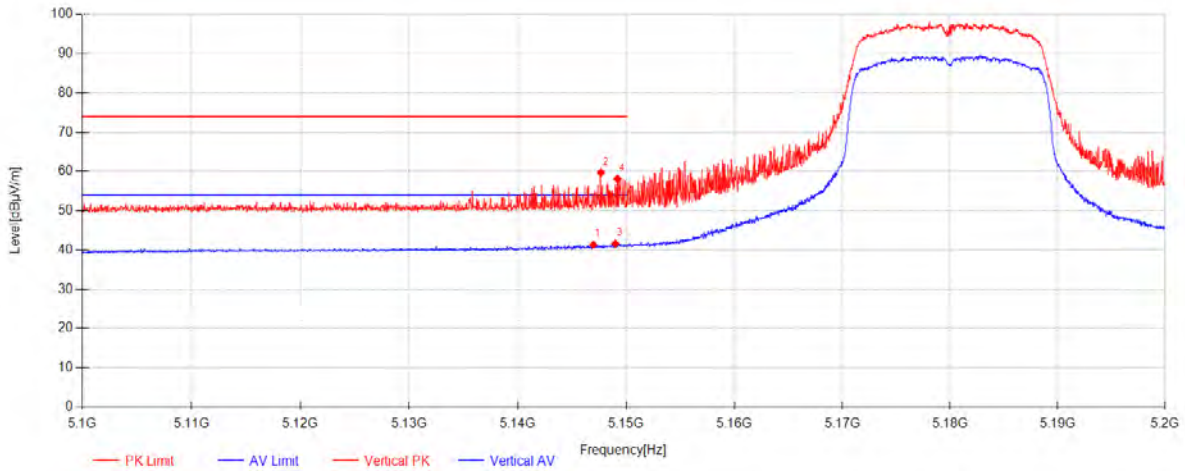
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1	5146.7	30.69	32.96	-19.15	44.50	54.00	9.50	166	349	Horizontal
2	5148.1333	49.99	32.96	-19.14	63.81	74.00	10.19	166	349	Horizontal
3	5149.7667	31.18	32.96	-19.14	45.00	54.00	9.00	166	349	Horizontal
4	5149.9	50.66	32.96	-19.14	64.48	74.00	9.52	166	349	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.9667	27.53	32.96	-19.15	41.34	54.00	12.66	284	80	Vertical
2	5147.6667	45.86	32.96	-19.15	59.68	74.00	14.32	284	80	Vertical
3	5149	27.79	32.96	-19.14	41.61	54.00	12.39	284	80	Vertical
4	5149.2	44.28	32.96	-19.14	58.10	74.00	15.90	284	80	Vertical

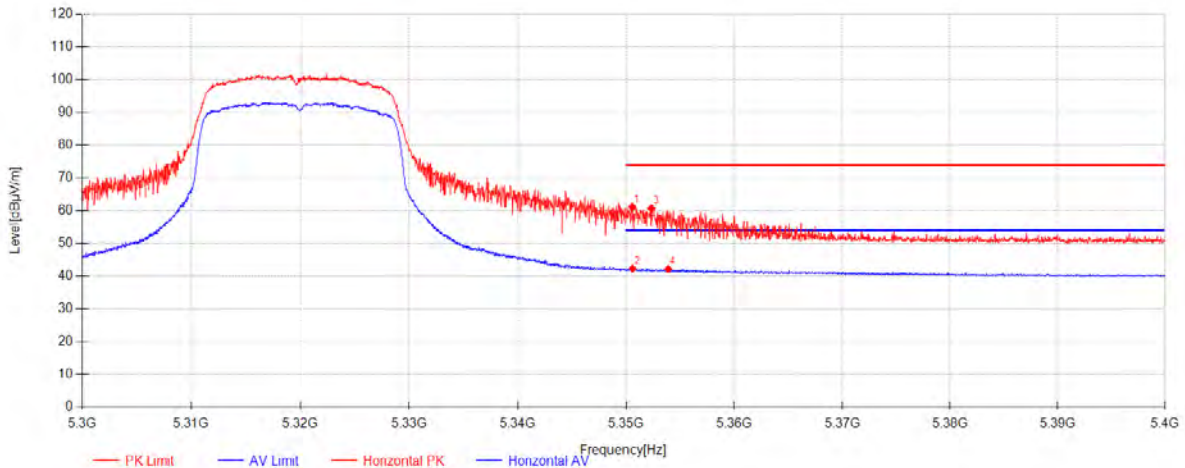


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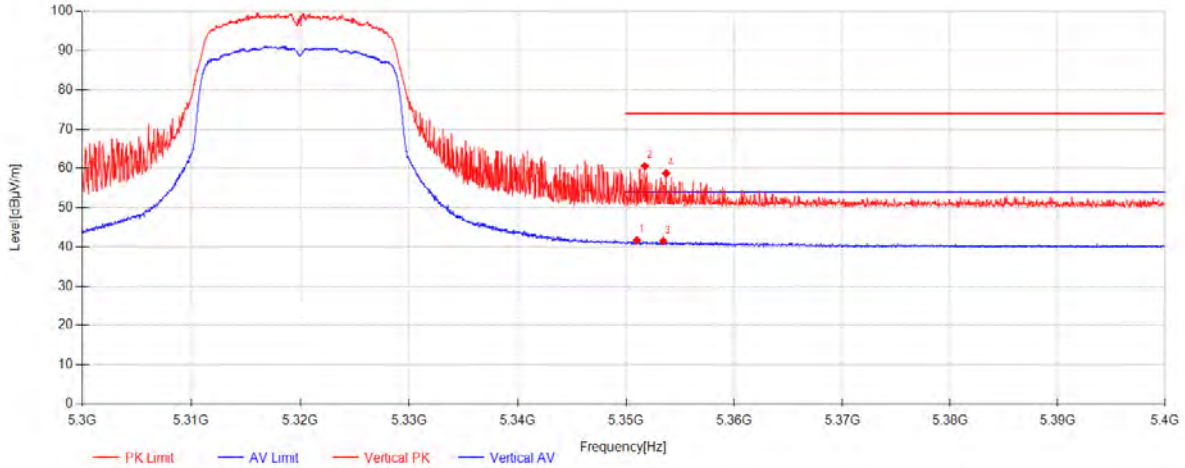
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1	5350.5667	47.16	32.85	-18.90	61.11	74.00	12.89	287	144	Horizontal
2	5350.6	28.36	32.85	-18.90	42.31	54.00	11.69	287	144	Horizontal
3	5352.3333	46.77	32.85	-18.91	60.71	74.00	13.29	287	144	Horizontal
4	5353.9	28.25	32.84	-18.91	42.18	54.00	11.82	287	144	Horizontal



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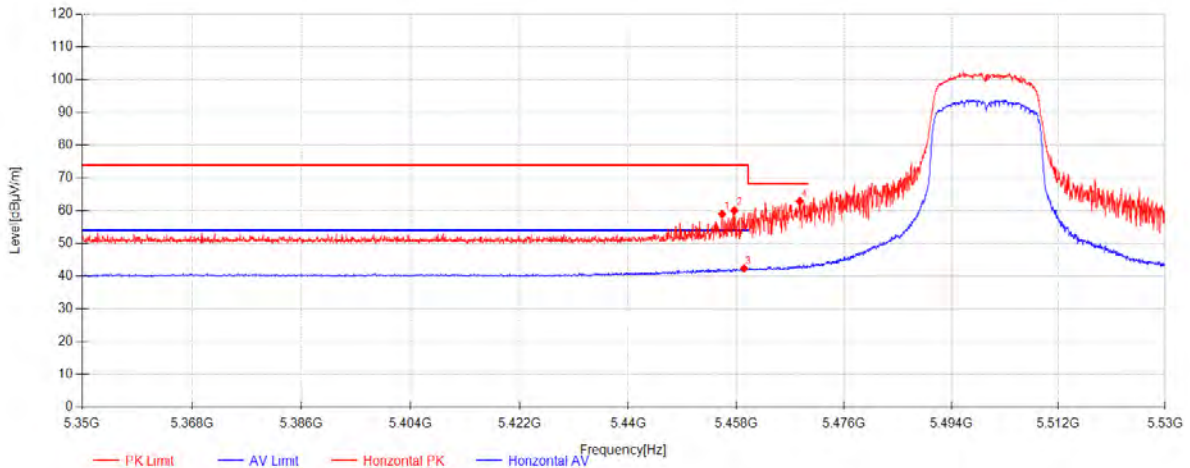
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5351	27.79	32.85	-18.90	41.73	54.00	12.27	244	68	Vertical
2	5351.7333	46.66	32.85	-18.90	60.60	74.00	13.40	244	68	Vertical
3	5353.4333	27.59	32.84	-18.91	41.53	54.00	12.47	244	68	Vertical
4	5353.7	44.81	32.84	-18.91	58.75	74.00	15.25	244	68	Vertical



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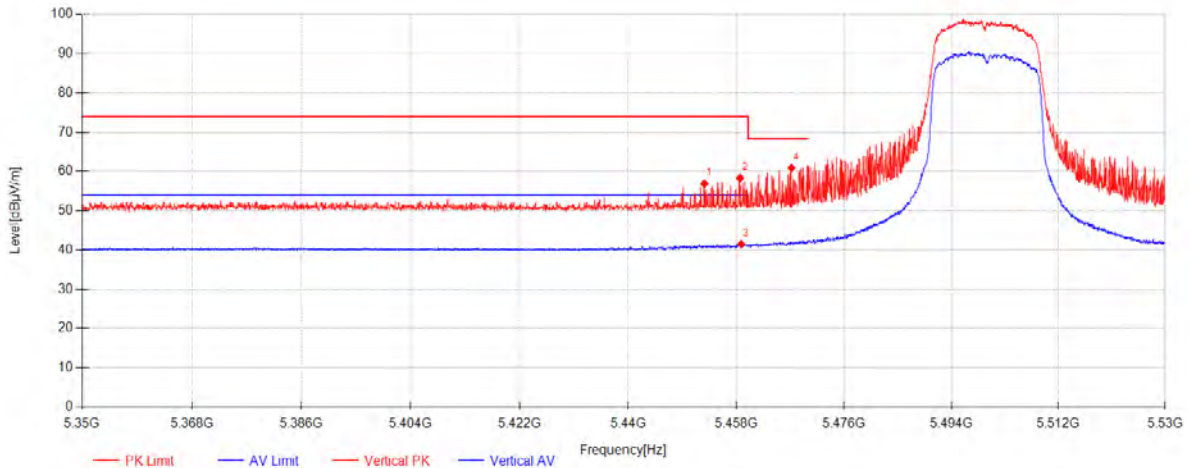
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5455.66	45.26	32.86	-19.11	59.01	74.00	14.99	135	215	Horizontal
2	5457.7	46.36	32.86	-19.11	60.11	74.00	13.89	135	215	Horizontal
3	5459.32	28.61	32.87	-19.11	42.36	54.00	11.64	135	215	Horizontal
4	5468.62	49.14	32.88	-19.13	62.89	68.30	5.41	135	215	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.72	43.15	32.86	-19.10	56.90	74.00	17.10	245	68	Vertical
2	5458.66	44.56	32.86	-19.11	58.31	74.00	15.69	245	68	Vertical
3	5458.84	27.78	32.86	-19.11	41.53	54.00	12.47	245	68	Vertical
4	5467.24	47.16	32.87	-19.13	60.91	68.30	7.39	245	68	Vertical

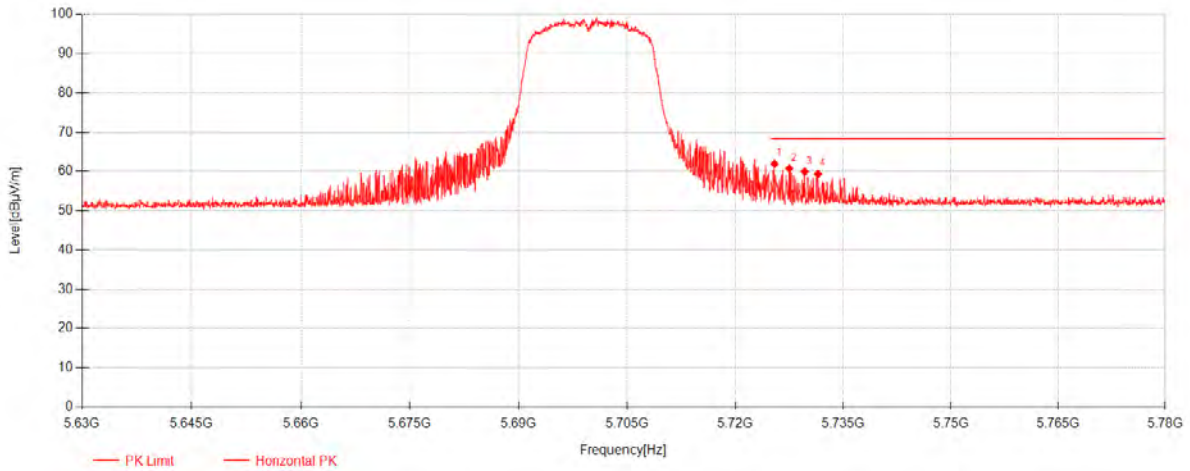


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802.11n20\_Channel 140



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5725.45	47.30	33.48	-18.81	61.97	68.30	6.33	215	53	Horizontal
2	5727.5	46.10	33.49	-18.81	60.77	68.30	7.53	215	53	Horizontal
3	5729.65	45.25	33.49	-18.82	59.92	68.30	8.38	215	53	Horizontal
4	5731.5	44.64	33.50	-18.82	59.32	68.30	8.98	215	53	Horizontal

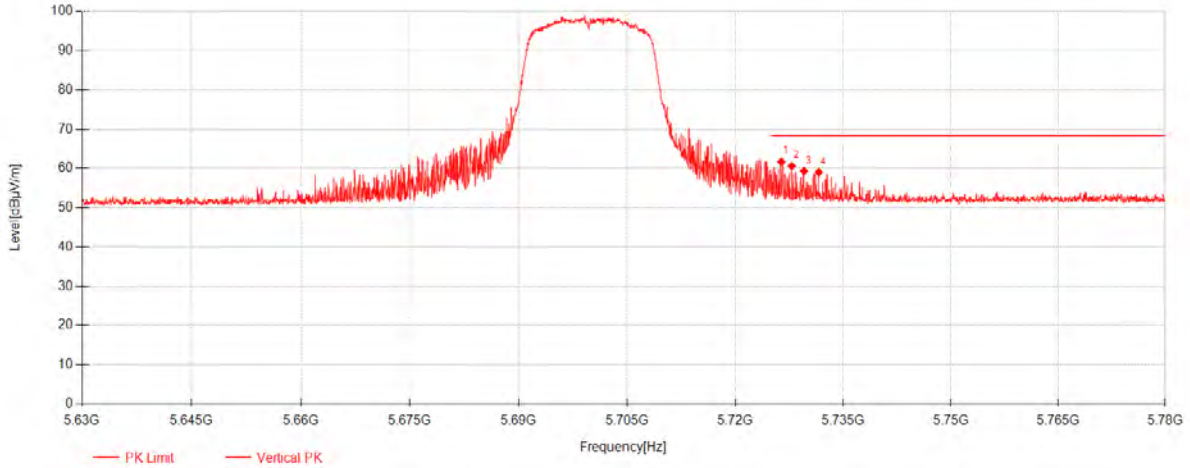


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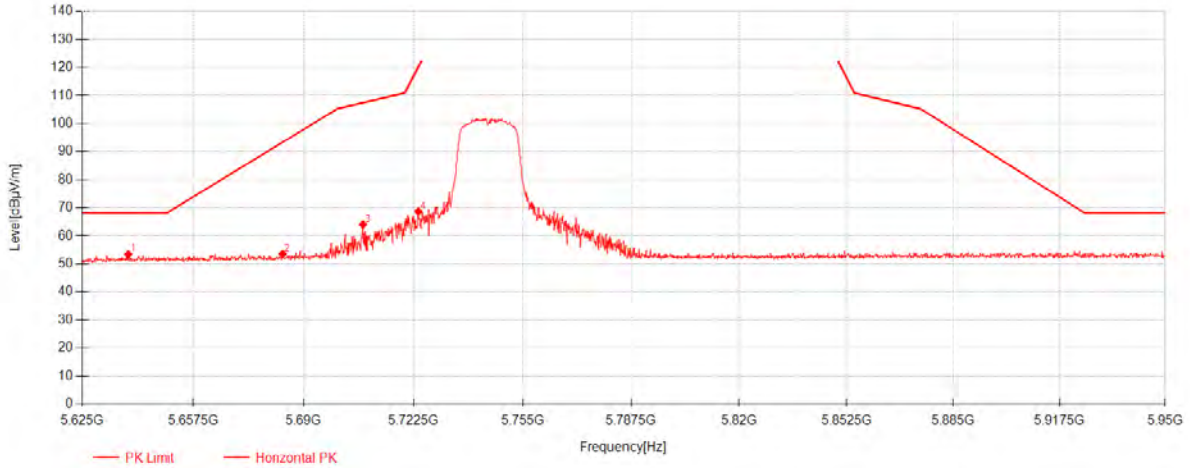
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1	5726.4	47.05	33.48	-18.81	61.72	68.30	6.58	256	102	Vertical
2	5727.85	45.91	33.49	-18.81	60.58	68.30	7.72	256	102	Vertical
3	5729.55	44.61	33.49	-18.82	59.28	68.30	9.02	256	102	Vertical
4	5731.6	44.33	33.50	-18.82	59.01	68.30	9.29	256	102	Vertical



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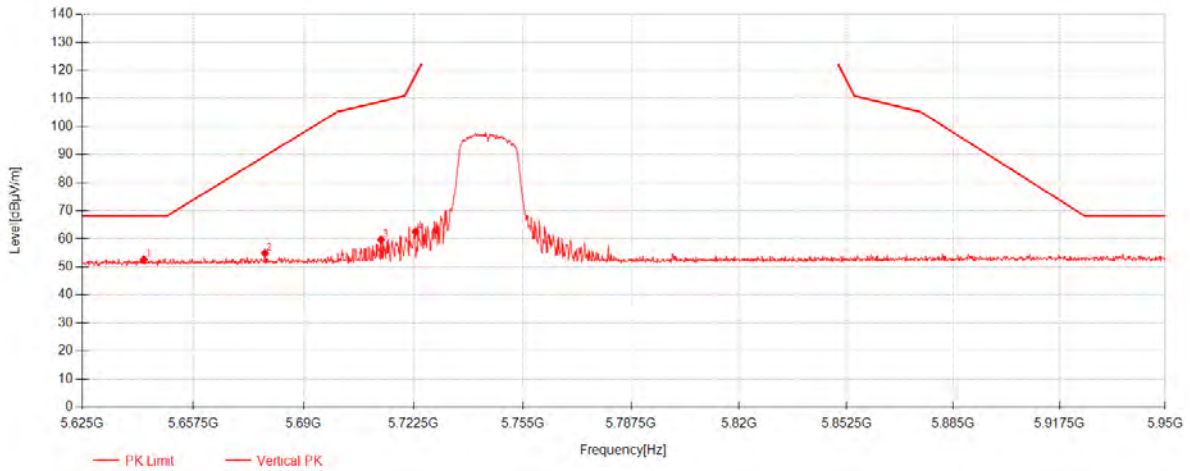
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5638.4875	38.93	33.16	-18.72	53.37	68.30	14.93	211	268	Horizontal
2	5683.825	38.92	33.33	-18.73	53.52	93.37	39.85	211	268	Horizontal
3	5707.55	49.33	33.41	-18.75	63.99	107.42	43.43	211	268	Horizontal
4	5723.9625	54.03	33.47	-18.80	68.70	119.94	51.24	211	268	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5643.0375	38.15	33.18	-18.72	52.60	68.30	15.70	256	197	Vertical
2	5678.625	40.26	33.31	-18.73	54.84	89.52	34.68	256	197	Vertical
3	5712.9125	45.08	33.43	-18.77	59.74	108.92	49.18	256	197	Vertical
4	5723.15	47.87	33.47	-18.80	62.54	118.08	55.54	256	197	Vertical

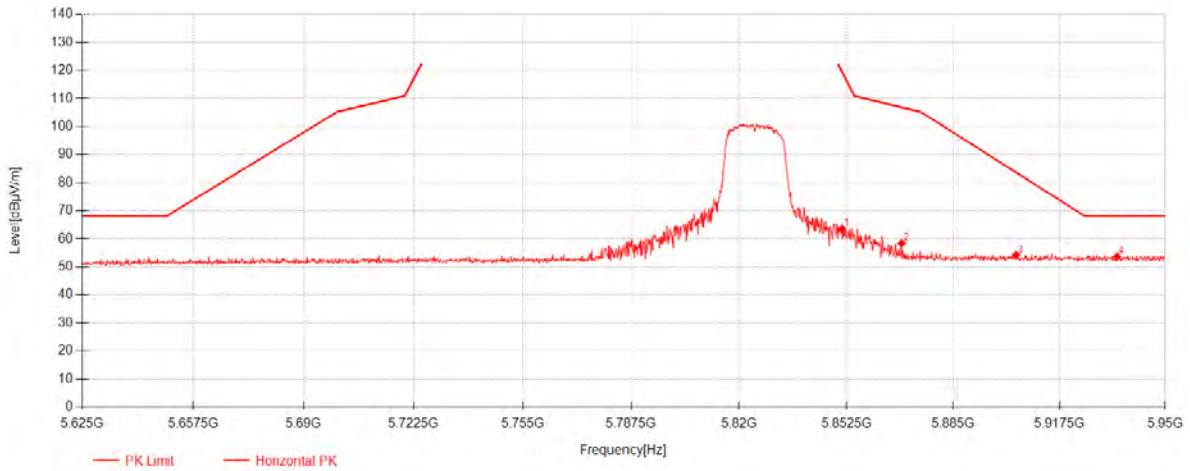


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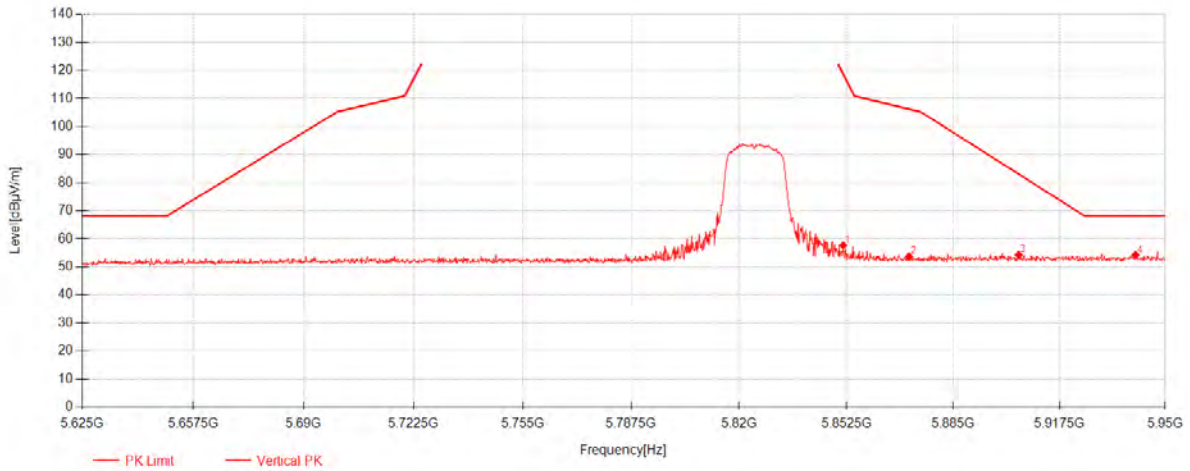
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5851.2	48.53	33.85	-18.88	63.50	119.56	56.06	265	330	Horizontal
2	5869.2375	43.32	33.88	-18.83	58.37	106.91	48.54	265	330	Horizontal
3	5904.175	38.94	33.95	-18.75	54.14	83.67	29.53	265	330	Horizontal
4	5935.2125	38.43	34.01	-18.81	53.62	68.30	14.68	265	330	Horizontal



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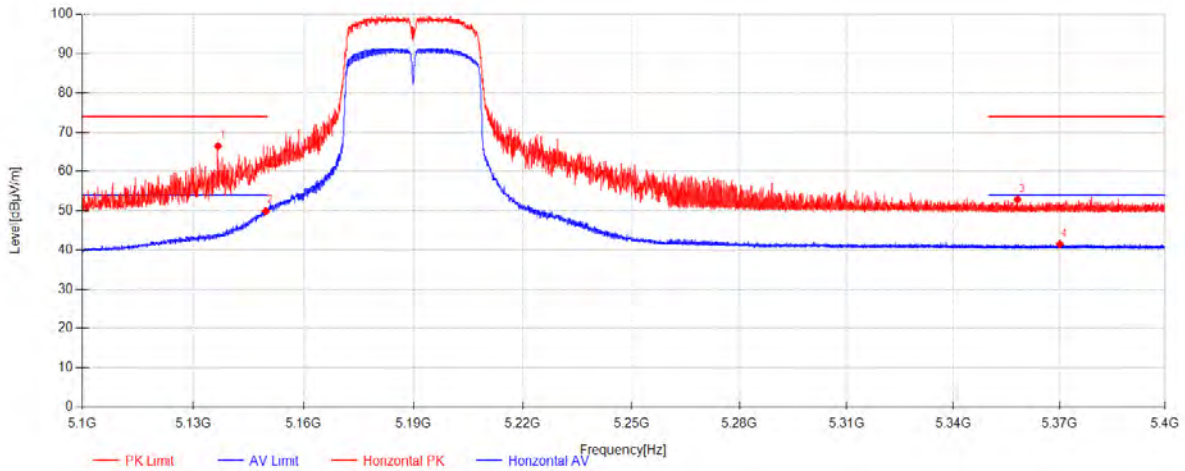
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1	5851.525	42.70	33.85	-18.88	57.67	118.82	61.15	258	109	Vertical
2	5871.5125	38.61	33.89	-18.82	53.67	106.28	52.61	258	109	Vertical
3	5904.9875	39.02	33.95	-18.75	54.22	83.07	28.85	258	109	Vertical
4	5940.9	38.97	34.02	-18.83	54.16	68.30	14.14	258	109	Vertical



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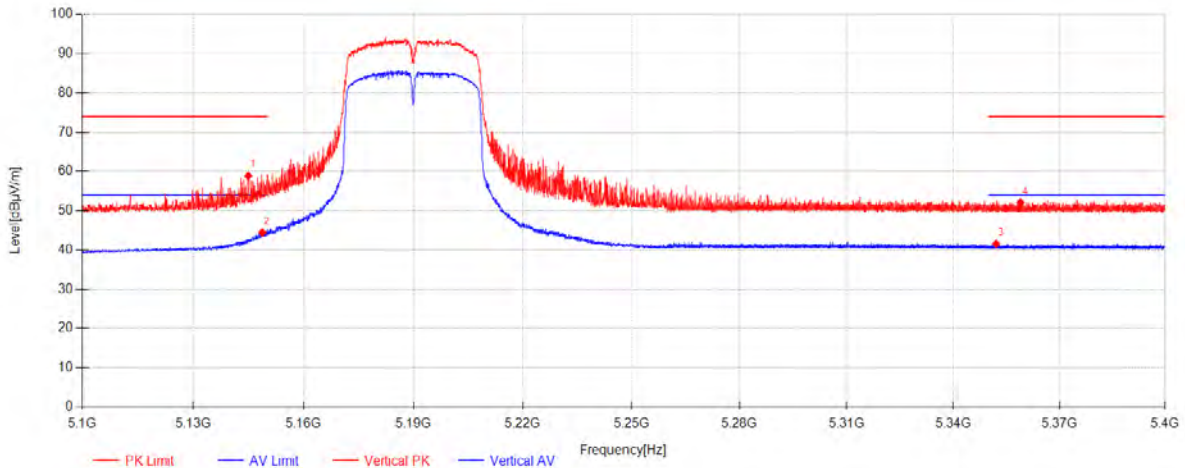
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5136.7467	52.66	32.96	-19.17	66.44	74.00	7.56	245	30	Horizontal
2	5149.7067	36.11	32.96	-19.14	49.93	54.00	4.07	245	30	Horizontal
3	5358.1225	38.93	32.84	-18.92	52.85	74.00	21.15	245	30	Horizontal
4	5370.0925	27.65	32.83	-18.95	41.53	54.00	12.47	245	30	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.96	45.05	32.96	-19.15	58.86	74.00	15.14	162	40	Vertical
2	5148.7467	30.64	32.96	-19.14	44.46	54.00	9.54	162	40	Vertical
3	5352.085	27.64	32.85	-18.91	41.58	54.00	12.42	162	40	Vertical
4	5358.9275	38.17	32.84	-18.92	52.09	74.00	21.91	162	40	Vertical

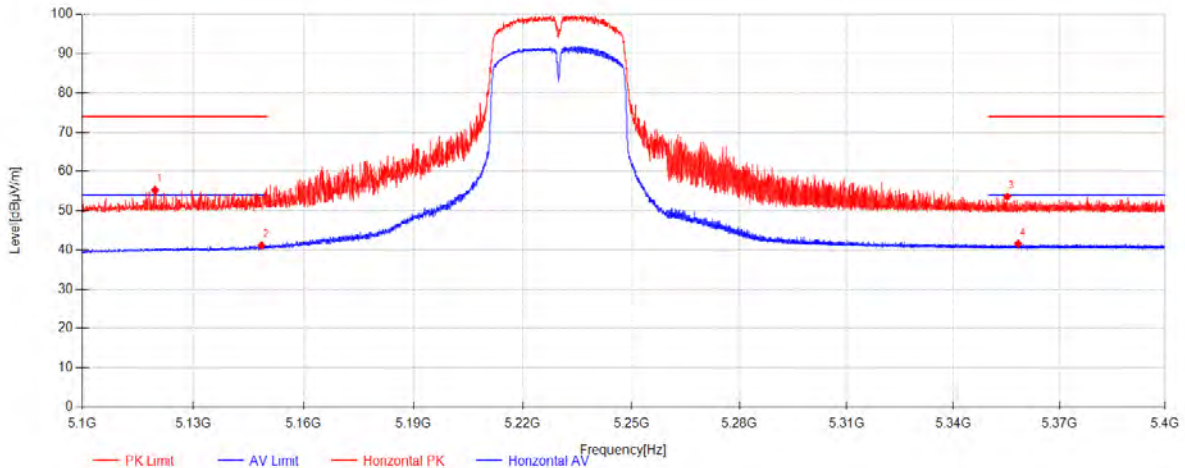


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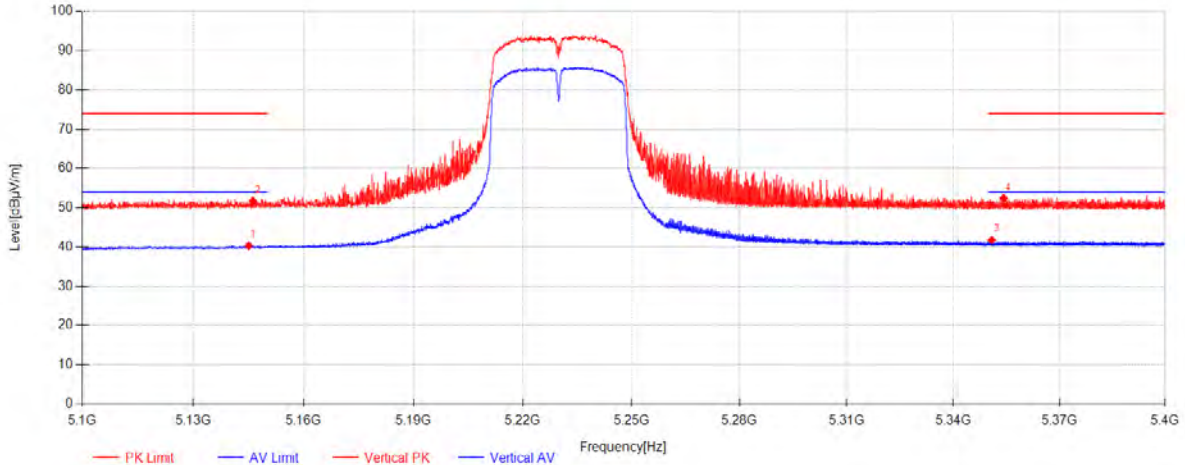
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1	5119.68	41.55	32.95	-19.21	55.28	74.00	18.72	219	344	Horizontal
2	5148.5333	27.35	32.96	-19.14	41.17	54.00	12.83	219	344	Horizontal
3	5355.2	39.65	32.84	-18.91	53.58	74.00	20.42	219	344	Horizontal
4	5358.28	27.68	32.84	-18.92	41.60	54.00	12.40	219	344	Horizontal



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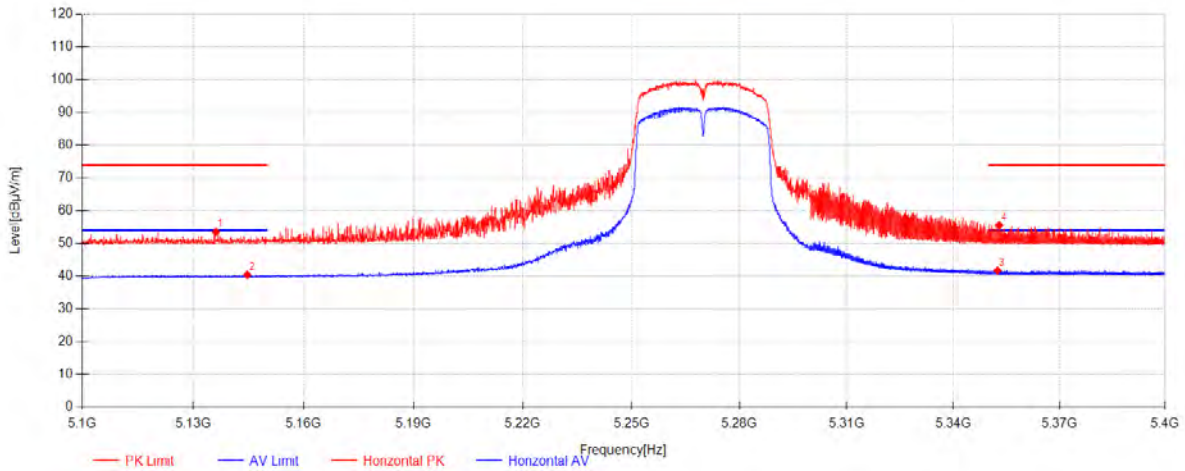
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.0667	26.51	32.96	-19.15	40.32	54.00	13.68	249	353	Vertical
2	5146.1867	37.89	32.96	-19.15	51.70	74.00	22.30	249	353	Vertical
3	5350.8425	27.82	32.85	-18.90	41.76	54.00	12.24	249	353	Vertical
4	5354.185	38.48	32.84	-18.91	52.41	74.00	21.59	249	353	Vertical



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802.11n40\_Channel 54



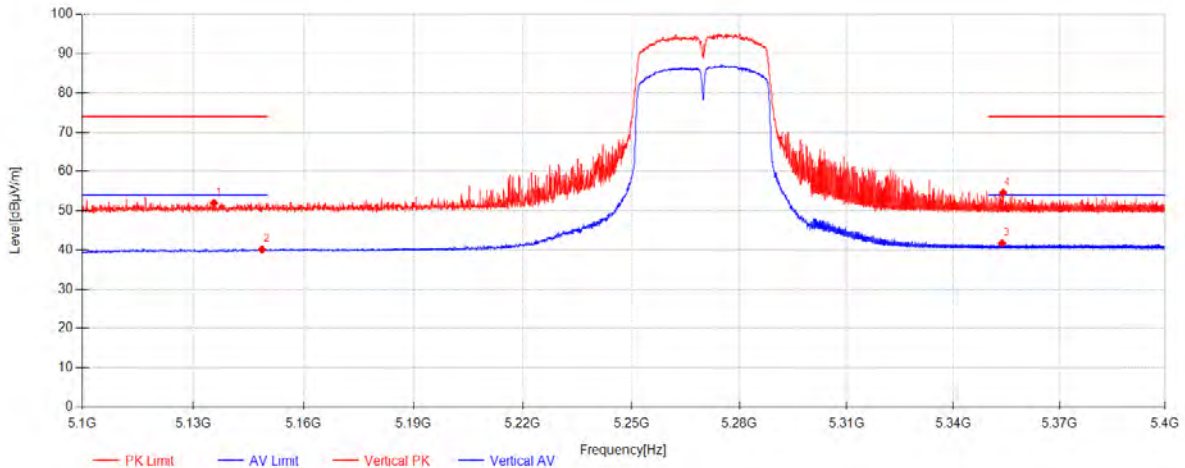
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5136.1333	39.77	32.95	-19.17	53.55	74.00	20.45	278	116	Horizontal
2	5144.6667	26.56	32.96	-19.15	40.37	54.00	13.63	278	116	Horizontal
3	5352.4375	27.78	32.85	-18.91	41.72	54.00	12.28	278	116	Horizontal
4	5352.9125	41.54	32.84	-18.91	55.48	74.00	18.52	278	116	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.6	38.18	32.95	-19.17	51.96	74.00	22.04	265	212	Vertical
2	5148.6667	26.27	32.96	-19.14	40.09	54.00	13.91	265	212	Vertical
3	5353.725	27.81	32.84	-18.91	41.75	54.00	12.25	265	212	Vertical
4	5354.05	40.65	32.84	-18.91	54.58	74.00	19.42	265	212	Vertical

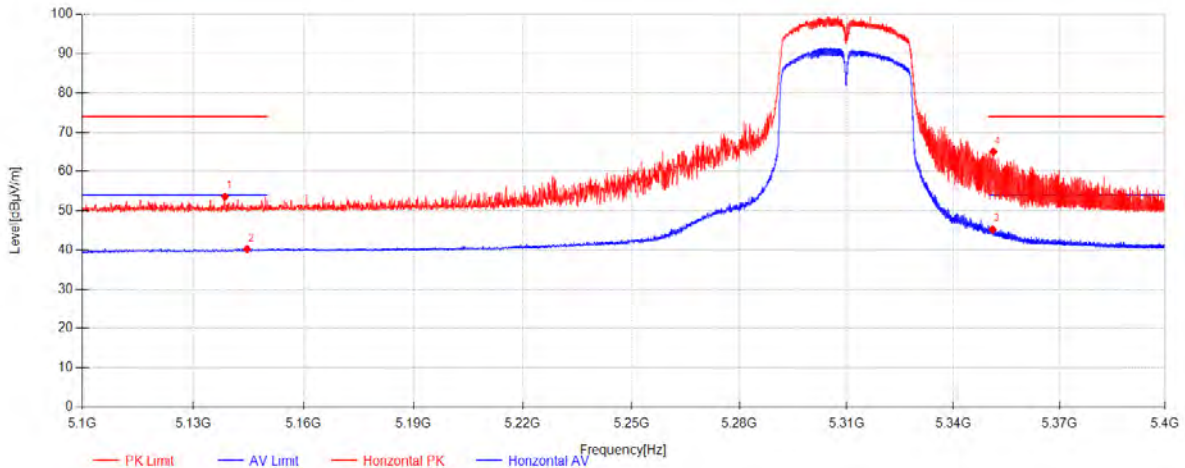


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802.11n40\_Channel 62



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.6	39.79	32.96	-19.17	53.58	74.00	20.42	235	164	Horizontal
2	5144.6	26.39	32.96	-19.15	40.20	54.00	13.80	235	164	Horizontal
3	5351.0625	31.29	32.85	-18.90	45.23	54.00	8.77	235	164	Horizontal
4	5351.275	51.08	32.85	-18.90	65.02	74.00	8.98	235	164	Horizontal

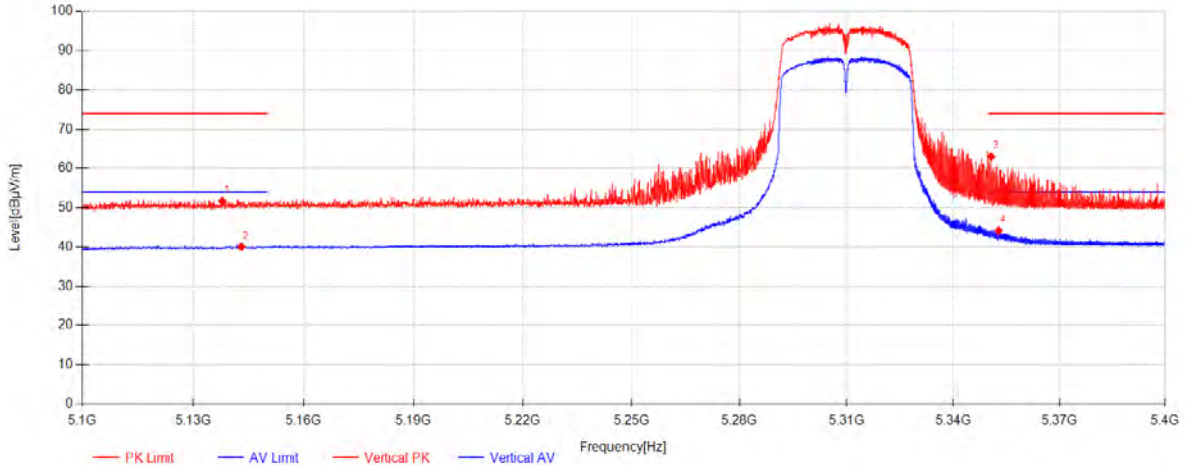


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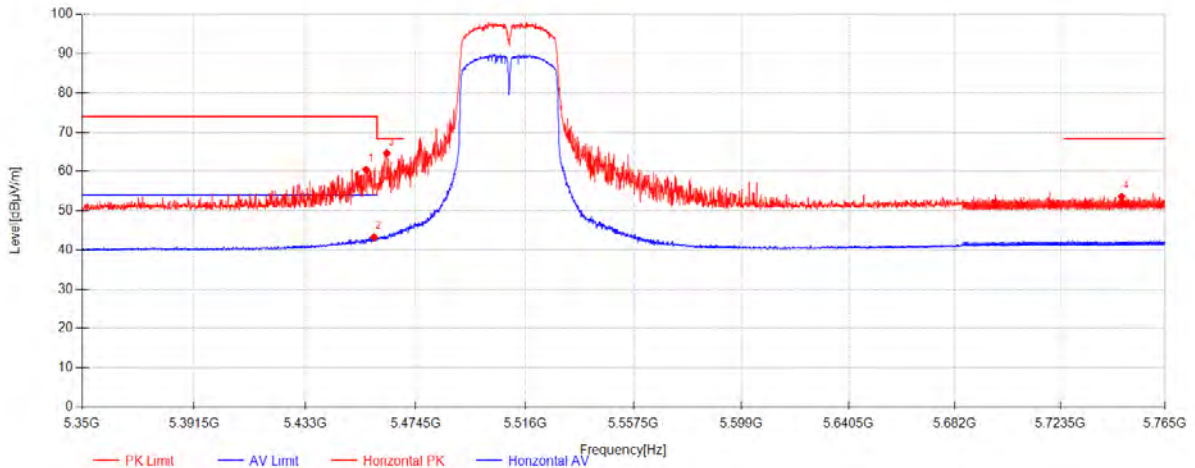
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.8667	37.87	32.96	-19.17	51.66	74.00	22.34	163	74	Vertical
2	5143.0667	26.24	32.96	-19.16	40.04	54.00	13.96	163	74	Vertical
3	5350.65	49.11	32.85	-18.90	63.06	74.00	10.94	163	74	Vertical
4	5352.75	30.20	32.84	-18.91	44.14	54.00	9.86	163	74	Vertical



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802.11n40\_Channel 102



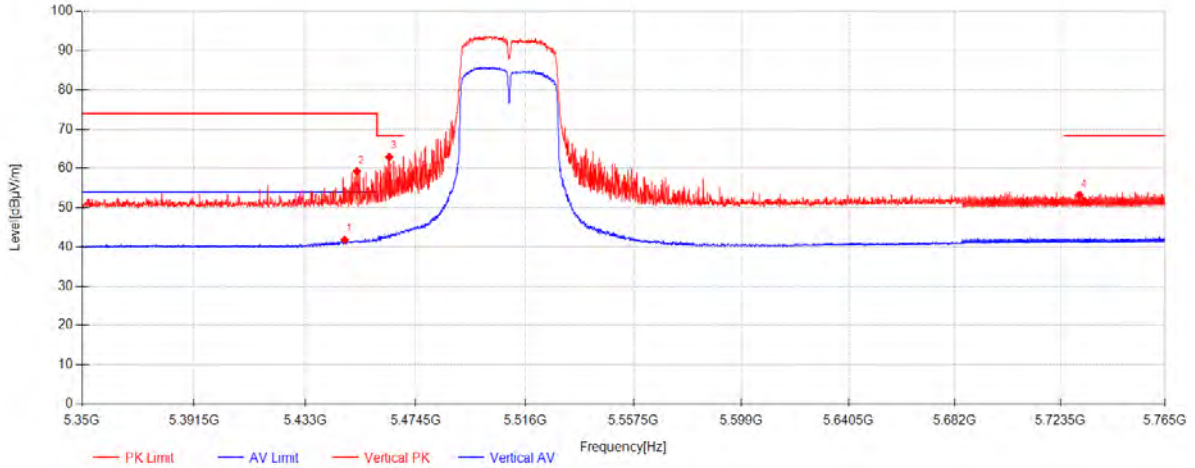
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5455.86	46.68	32.86	-19.11	60.43	74.00	13.57	230	41	Horizontal
2	5458.875	29.53	32.86	-19.11	43.28	54.00	10.72	230	41	Horizontal
3	5463.6767	50.87	32.87	-19.12	64.62	68.30	3.68	230	41	Horizontal
4	5747.72	38.86	33.56	-18.87	53.55	68.30	14.75	230	41	Horizontal



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802.11n40\_Channel 102



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5447.82	28.06	32.85	-19.10	41.82	54.00	12.18	122	64	Vertical
2	5452.3983	45.49	32.86	-19.10	59.24	74.00	14.76	122	64	Vertical
3	5464.57	49.18	32.87	-19.12	62.93	68.30	5.37	122	64	Vertical
4	5731.06	38.58	33.50	-18.82	53.26	68.30	15.04	122	64	Vertical

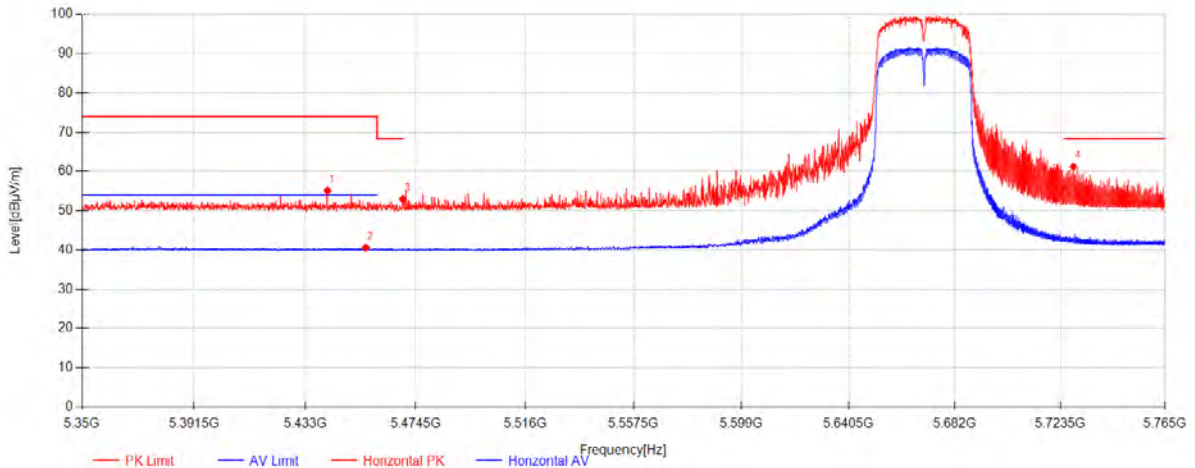


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5441.3433	41.39	32.85	-19.09	55.15	74.00	18.85	219	144	Horizontal
2	5455.7483	26.80	32.86	-19.11	40.55	54.00	13.45	219	144	Horizontal
3	5469.7067	39.15	32.88	-19.13	52.90	68.30	15.40	219	144	Horizontal
4	5728.67	46.56	33.49	-18.82	61.23	68.30	7.07	219	144	Horizontal

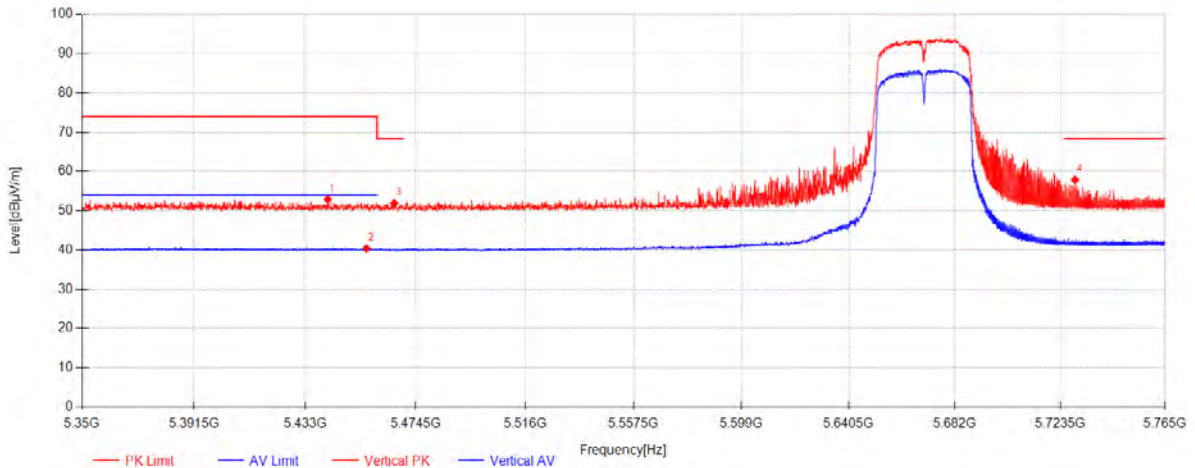


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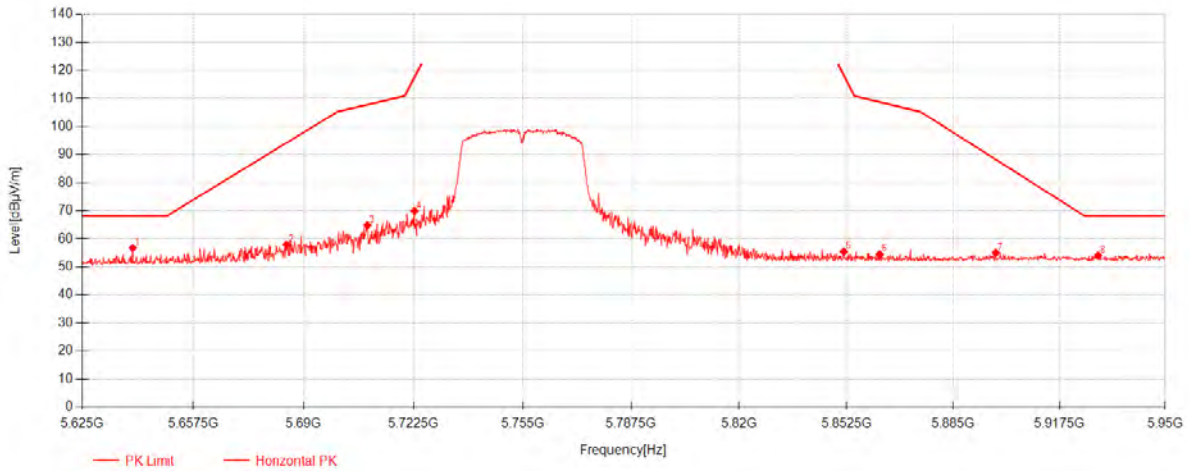
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5441.455	39.11	32.85	-19.09	52.87	74.00	21.13	255	76	Vertical
2	5455.9717	26.61	32.86	-19.11	40.36	54.00	13.64	255	76	Vertical
3	5466.4683	38.14	32.87	-19.13	51.89	68.30	16.41	255	76	Vertical
4	5729.3	43.17	33.49	-18.82	57.84	68.30	10.46	255	76	Vertical



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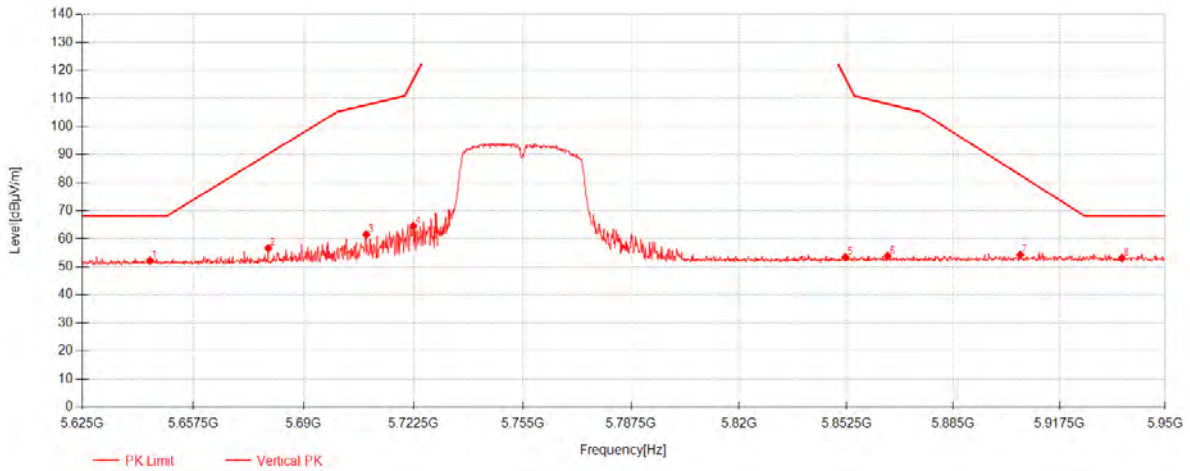
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5639.7875	42.22	33.17	-18.72	56.66	68.30	11.64	298	41	Horizontal
2	5684.9625	43.32	33.33	-18.73	57.92	94.21	36.29	298	41	Horizontal
3	5708.85	50.10	33.42	-18.76	64.76	107.78	43.02	298	41	Horizontal
4	5722.825	55.28	33.47	-18.80	69.95	117.34	47.39	298	41	Horizontal
5	5851.6875	40.42	33.85	-18.88	55.39	118.45	63.06	298	41	Horizontal
6	5862.575	39.45	33.87	-18.85	54.47	108.78	54.31	298	41	Horizontal
7	5898	39.75	33.94	-18.75	54.94	88.24	33.30	298	41	Horizontal
8	5929.3625	38.83	34.00	-18.80	54.02	68.30	14.28	298	41	Horizontal



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802.11n40\_Channel 151



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.825	37.77	33.18	-18.72	52.23	68.30	16.07	211	30	Vertical
2	5679.6	42.00	33.31	-18.73	56.58	90.24	33.66	211	30	Vertical
3	5708.525	46.87	33.42	-18.76	61.53	107.69	46.16	211	30	Vertical
4	5722.5	49.82	33.47	-18.80	64.49	116.60	52.11	211	30	Vertical
5	5852.175	38.46	33.85	-18.88	53.43	117.34	63.91	211	30	Vertical
6	5865.0125	38.83	33.87	-18.84	53.86	108.09	54.23	211	30	Vertical
7	5905.475	39.05	33.95	-18.75	54.25	82.71	28.46	211	30	Vertical
8	5936.675	37.91	34.01	-18.82	53.10	68.30	15.20	211	30	Vertical

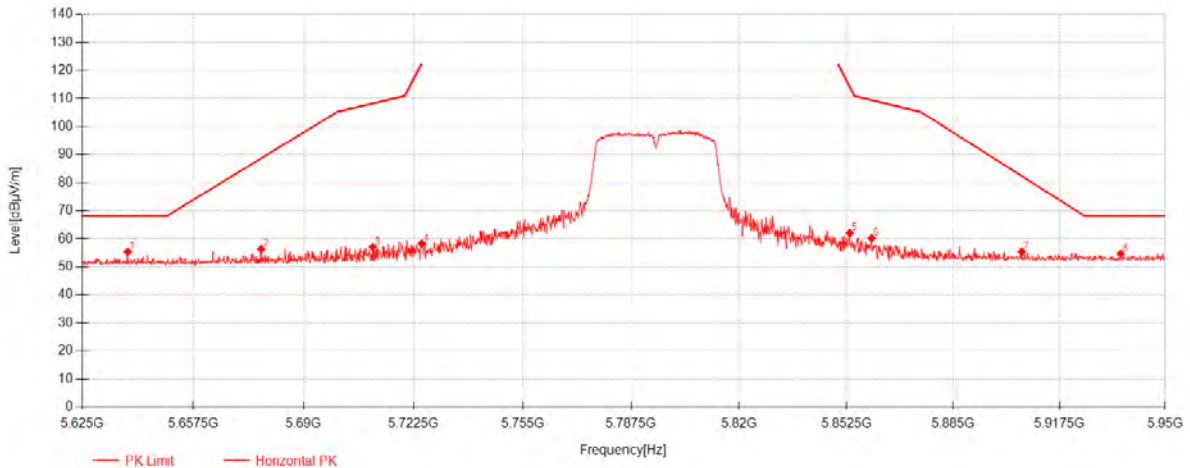


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802.11n40\_Channel 159



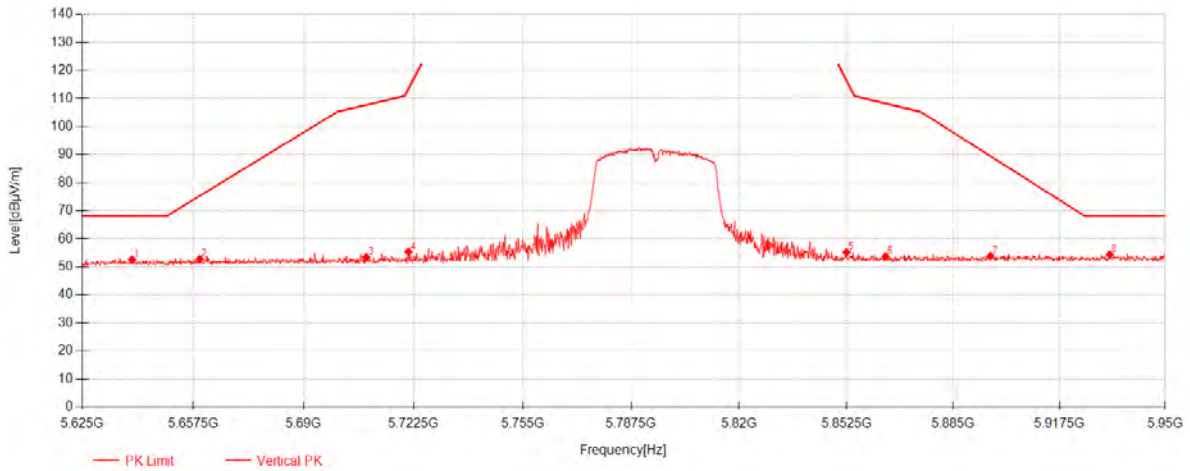
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5638.325	40.93	33.16	-18.72	55.37	68.30	12.93	213	148	Horizontal
2	5677.4875	41.70	33.30	-18.73	56.28	88.68	32.40	213	148	Horizontal
3	5710.475	42.42	33.42	-18.76	57.08	108.24	51.16	213	148	Horizontal
4	5724.9375	43.61	33.48	-18.80	58.28	122.16	63.88	213	148	Horizontal
5	5853.475	47.05	33.85	-18.87	62.03	114.38	52.35	213	148	Horizontal
6	5860.1375	45.22	33.86	-18.86	60.23	109.46	49.23	213	148	Horizontal
7	5905.9625	40.20	33.95	-18.75	55.40	82.35	26.95	213	148	Horizontal
8	5936.35	39.48	34.01	-18.82	54.67	68.30	13.63	213	148	Horizontal



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802.11n40\_Channel 159



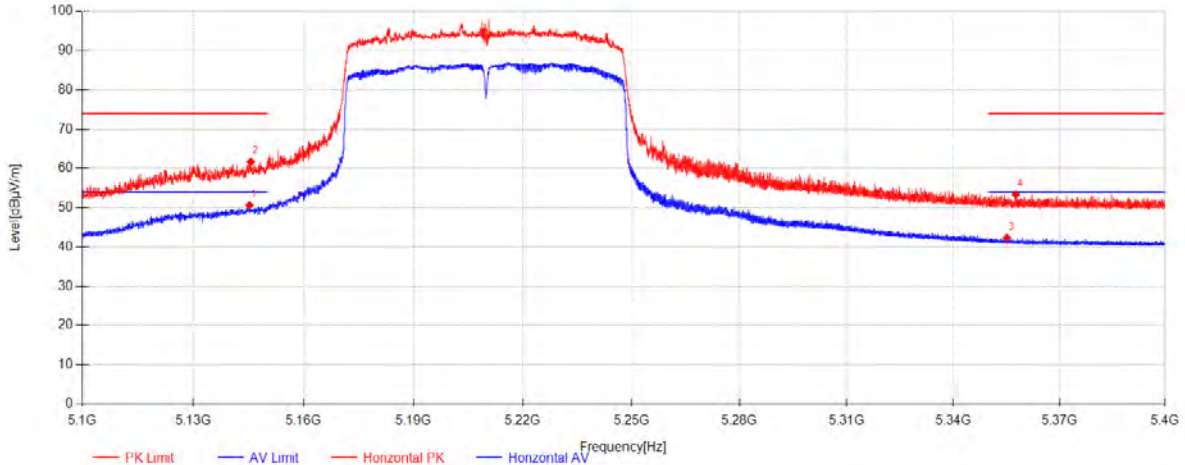
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1	5639.625	38.20	33.16	-18.72	52.64	68.30	15.66	244	48	Vertical
2	5659.45	38.28	33.24	-18.73	52.79	75.32	22.53	244	48	Vertical
3	5708.525	38.75	33.42	-18.76	53.41	107.69	54.28	244	48	Vertical
4	5721.0375	40.67	33.46	-18.79	55.34	113.27	57.93	244	48	Vertical
5	5852.5	40.15	33.85	-18.88	55.12	116.60	61.48	244	48	Vertical
6	5864.3625	38.71	33.87	-18.84	53.74	108.28	54.54	244	48	Vertical
7	5896.375	38.66	33.93	-18.75	53.84	89.44	35.60	244	48	Vertical
8	5932.9375	39.18	34.00	-18.81	54.37	68.30	13.93	244	48	Vertical



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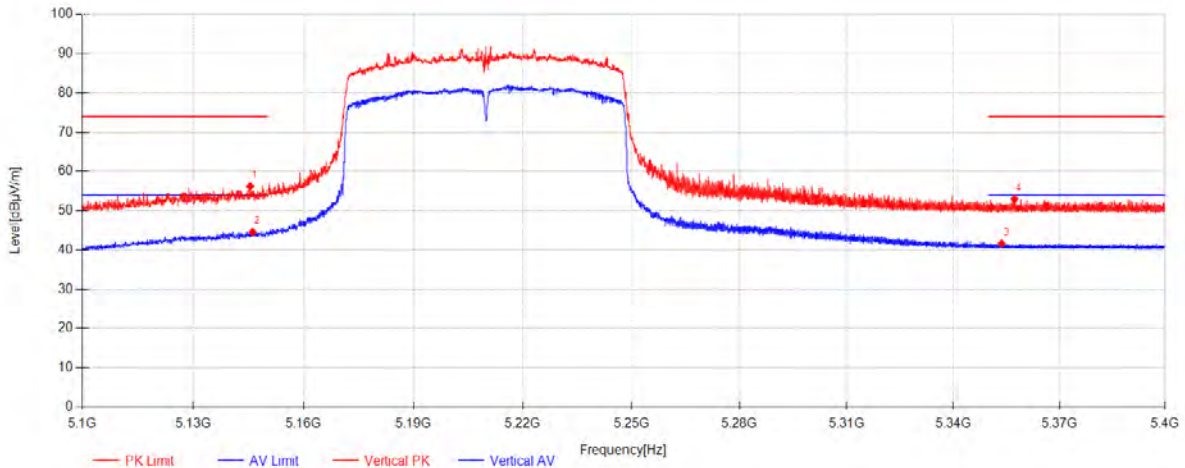
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.28	36.83	32.96	-19.15	50.64	54.00	3.36	269	132	Horizontal
2	5145.6533	47.96	32.96	-19.15	61.77	74.00	12.23	269	132	Horizontal
3	5355.13	28.43	32.84	-18.91	42.36	54.00	11.64	269	132	Horizontal
4	5357.615	39.41	32.84	-18.92	53.33	74.00	20.67	269	132	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.44	42.43	32.96	-19.15	56.24	74.00	17.76	255	86	Vertical
2	5146.1333	30.78	32.96	-19.15	44.59	54.00	9.41	255	86	Vertical
3	5353.6075	27.72	32.84	-18.91	41.66	54.00	12.34	255	86	Vertical
4	5357.2475	39.00	32.84	-18.92	52.92	74.00	21.08	255	86	Vertical

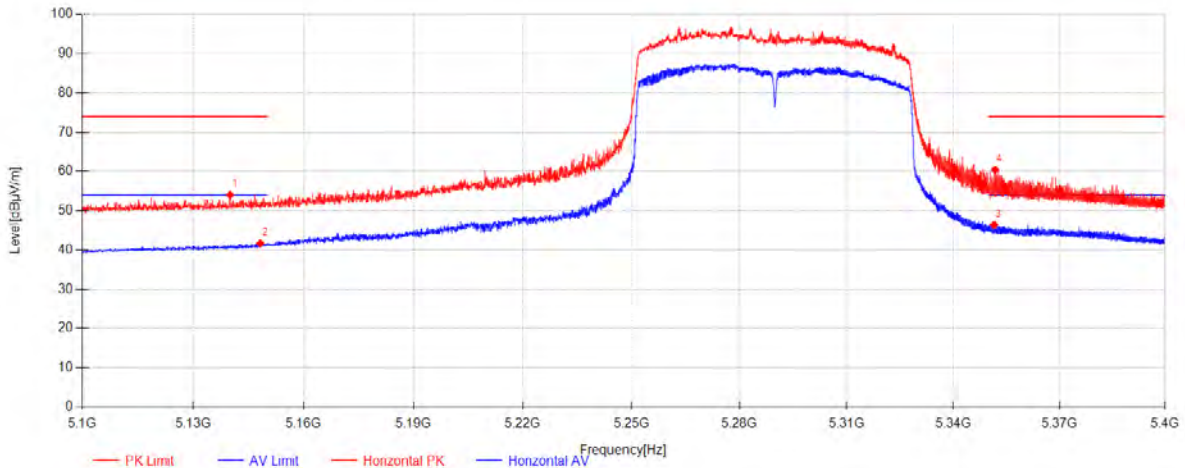


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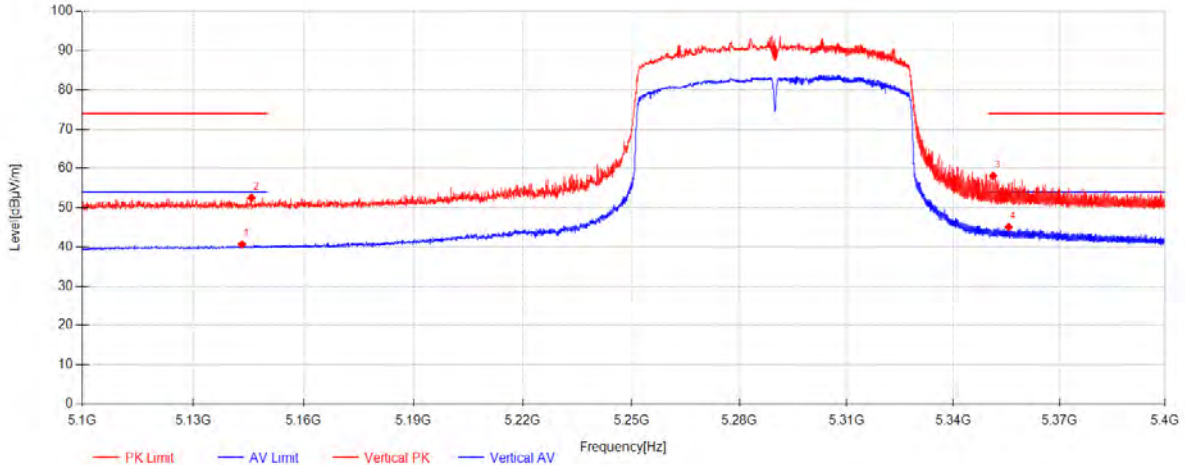
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1	5140	40.26	32.96	-19.16	54.05	74.00	19.95	285	145	Horizontal
2	5148.2	27.88	32.96	-19.14	41.70	54.00	12.30	285	145	Horizontal
3	5351.475	32.44	32.85	-18.90	46.38	54.00	7.62	285	145	Horizontal
4	5351.75	46.47	32.85	-18.90	60.41	74.00	13.59	285	145	Horizontal



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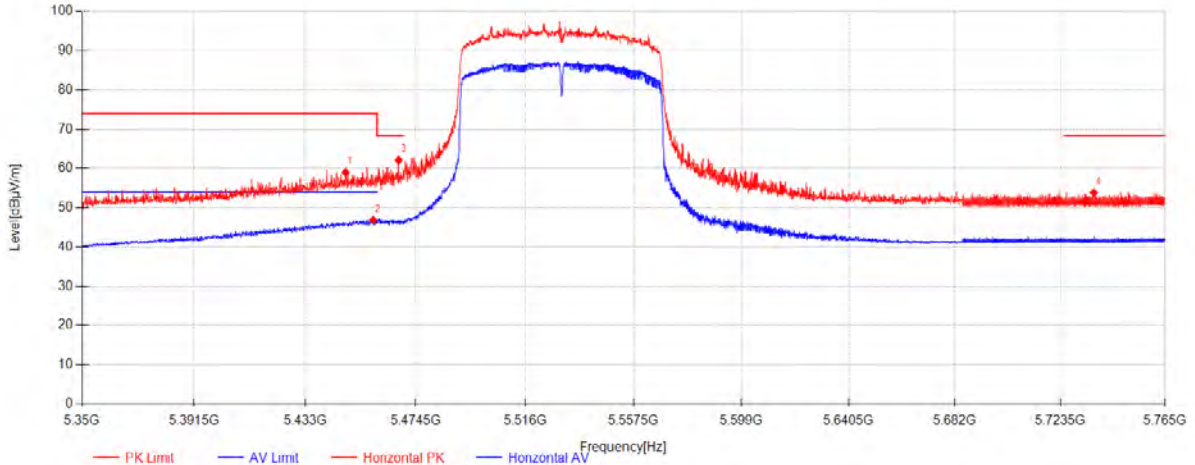
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.2	26.87	32.96	-19.16	40.67	54.00	13.33	162	54	Vertical
2	5145.8	38.70	32.96	-19.15	52.51	74.00	21.49	162	54	Vertical
3	5351.2375	44.19	32.85	-18.90	58.13	74.00	15.87	162	54	Vertical
4	5355.6	31.13	32.84	-18.91	45.06	54.00	8.94	162	54	Vertical



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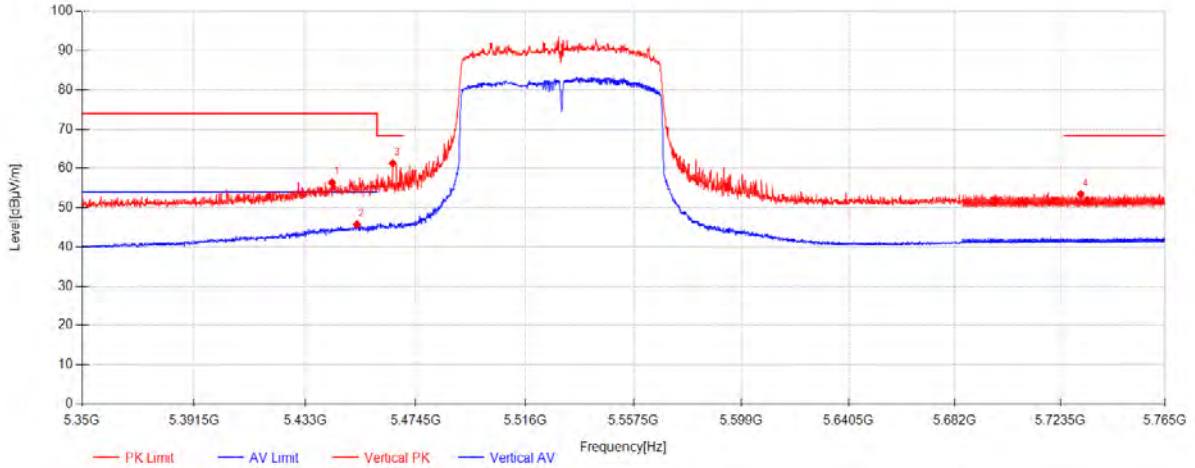
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1	5448.155	45.20	32.85	-19.10	58.96	74.00	15.04	184	338	Horizontal
2	5458.54	33.05	32.86	-19.11	46.80	54.00	7.20	184	338	Horizontal
3	5468.1433	48.38	32.87	-19.13	62.13	68.30	6.17	184	338	Horizontal
4	5736.71	39.17	33.52	-18.84	53.85	68.30	14.45	184	338	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5443.0183	42.66	32.85	-19.09	56.42	74.00	17.58	210	88	Vertical
2	5452.3983	31.98	32.86	-19.10	45.73	54.00	8.27	210	88	Vertical
3	5465.91	47.55	32.87	-19.13	61.30	68.30	7.00	210	88	Vertical
4	5731.54	38.77	33.50	-18.82	53.45	68.30	14.85	210	88	Vertical

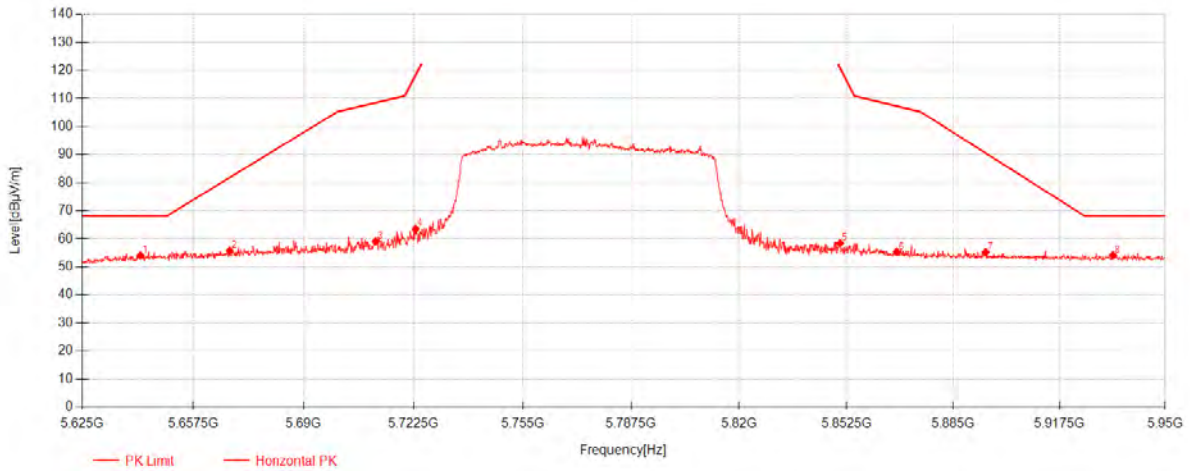


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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.0625	39.60	33.17	-18.72	54.05	68.30	14.25	216	32	Horizontal
2	5668.225	41.17	33.27	-18.73	55.71	81.82	26.11	216	32	Horizontal
3	5711.2875	44.42	33.43	-18.76	59.08	108.46	49.38	216	32	Horizontal
4	5723.15	48.83	33.47	-18.80	63.50	118.08	54.58	216	32	Horizontal
5	5850.55	43.46	33.85	-18.88	58.42	121.05	62.63	216	32	Horizontal
6	5867.775	40.30	33.88	-18.83	55.35	107.32	51.97	216	32	Horizontal
7	5894.9125	40.01	33.93	-18.75	55.19	90.53	35.34	216	32	Horizontal
8	5933.9125	38.92	34.00	-18.81	54.11	68.30	14.19	216	32	Horizontal

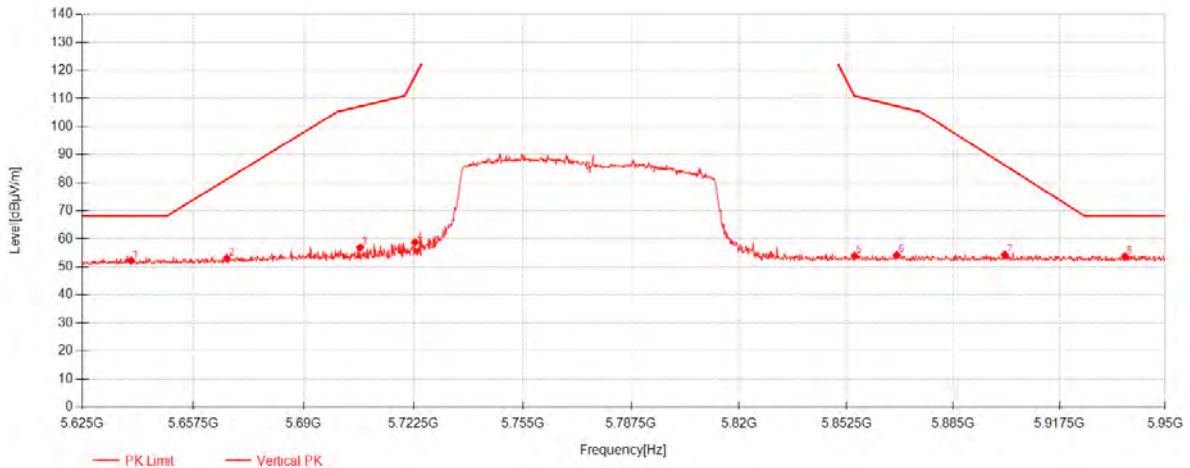


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802.11ac80\_Channel 155



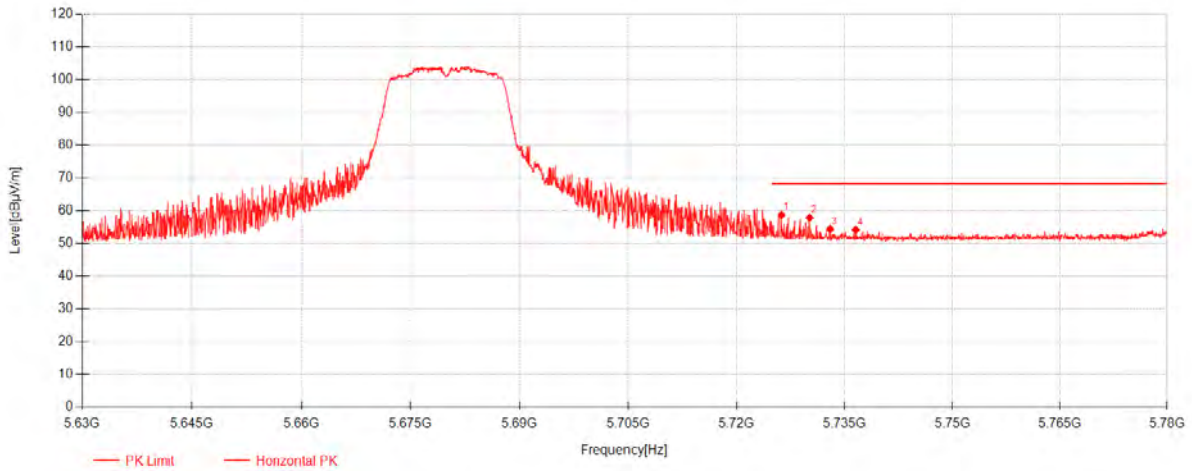
Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5639.3	37.80	33.16	-18.72	52.24	68.30	16.06	256	48	Vertical
2	5667.4125	38.51	33.27	-18.73	53.05	81.22	28.17	256	48	Vertical
3	5706.7375	42.25	33.41	-18.75	56.91	107.19	50.28	256	48	Vertical
4	5722.9875	44.14	33.47	-18.80	58.81	117.71	58.90	256	48	Vertical
5	5854.9375	38.91	33.85	-18.87	53.89	111.04	57.15	256	48	Vertical
6	5867.775	39.14	33.88	-18.83	54.19	107.32	53.13	256	48	Vertical
7	5900.7625	39.10	33.94	-18.74	54.30	86.20	31.90	256	48	Vertical
8	5937.65	38.55	34.01	-18.82	53.74	68.30	14.56	256	48	Vertical



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802.11a\_Channel 136



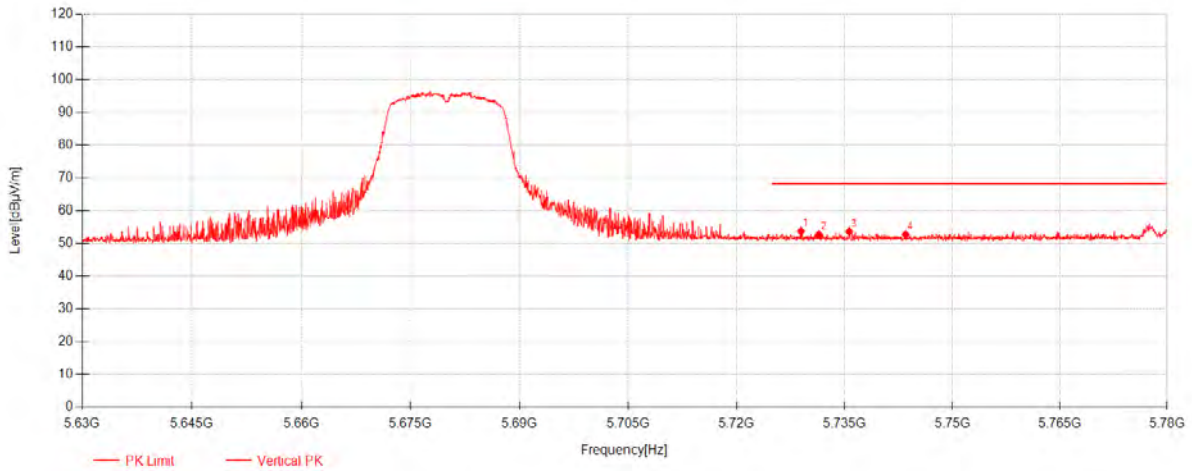
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5726.25	44.03	33.48	-18.81	58.70	68.30	9.60	111	355	Horizontal
2	5730.15	43.17	33.50	-18.82	57.84	68.30	10.46	111	355	Horizontal
3	5733	39.69	33.51	-18.83	54.37	68.30	13.93	111	355	Horizontal
4	5736.55	39.46	33.52	-18.84	54.14	68.30	14.16	111	355	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5728.95	39.07	33.49	-18.82	53.74	68.30	14.56	236	177	Vertical
2	5731.45	38.10	33.50	-18.82	52.78	68.30	15.52	236	177	Vertical
3	5735.65	38.97	33.52	-18.84	53.65	68.30	14.65	236	177	Vertical
4	5743.5	38.07	33.54	-18.86	52.75	68.30	15.55	236	177	Vertical

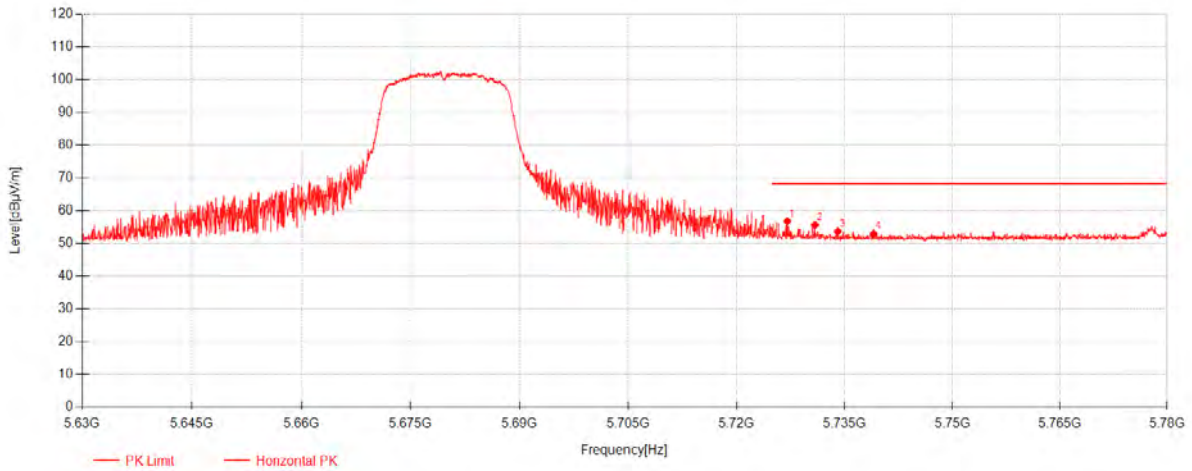


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802.11n20\_Channel 136



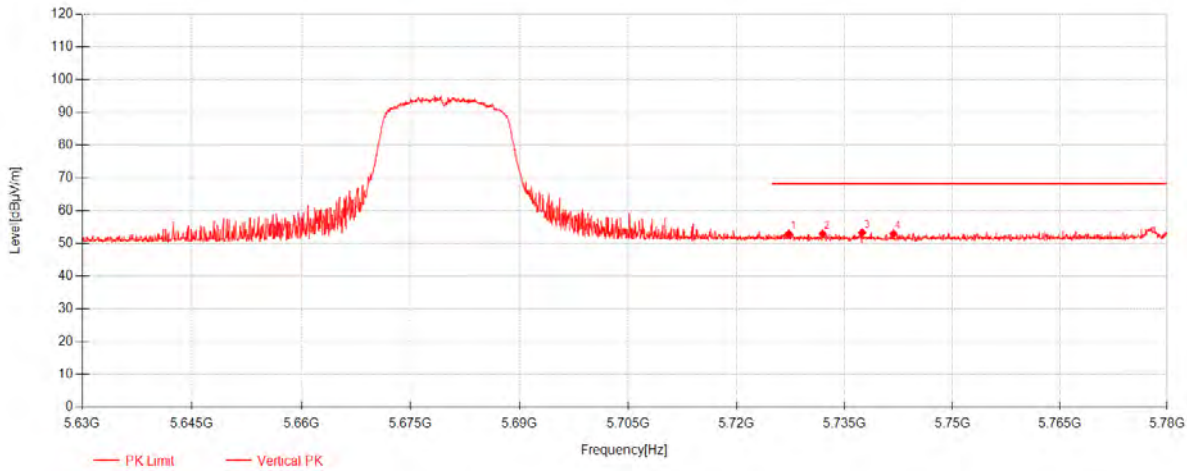
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5727.05	42.07	33.48	-18.81	56.74	68.30	11.56	211	133	Horizontal
2	5730.9	40.93	33.50	-18.82	55.61	68.30	12.69	211	133	Horizontal
3	5734.05	38.98	33.51	-18.83	53.66	68.30	14.64	211	133	Horizontal
4	5739.05	38.27	33.53	-18.85	52.95	68.30	15.35	211	133	Horizontal



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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5727.25	38.28	33.48	-18.81	52.95	68.30	15.35	136	105	Vertical
2	5731.95	38.24	33.50	-18.83	52.92	68.30	15.38	136	105	Vertical
3	5737.45	38.65	33.52	-18.84	53.33	68.30	14.97	136	105	Vertical
4	5741.8	38.27	33.54	-18.86	52.95	68.30	15.35	136	105	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Pre-amplifier gain. The basic equation with a sample calculation is as follows:  
 Level = Reading(dBµV) + AF(dB/m) + Factor(dB)  
 AF = Antenna Factor(dB/m)  
 Factor = Cable Factor(dB) - Pre-amplifier gain(dB)  
 Margin = Limit(dBµV/m) – Level(dBµV/m)
- For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11n HT20/40 by referring to their higher output power.

---End of Report---



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