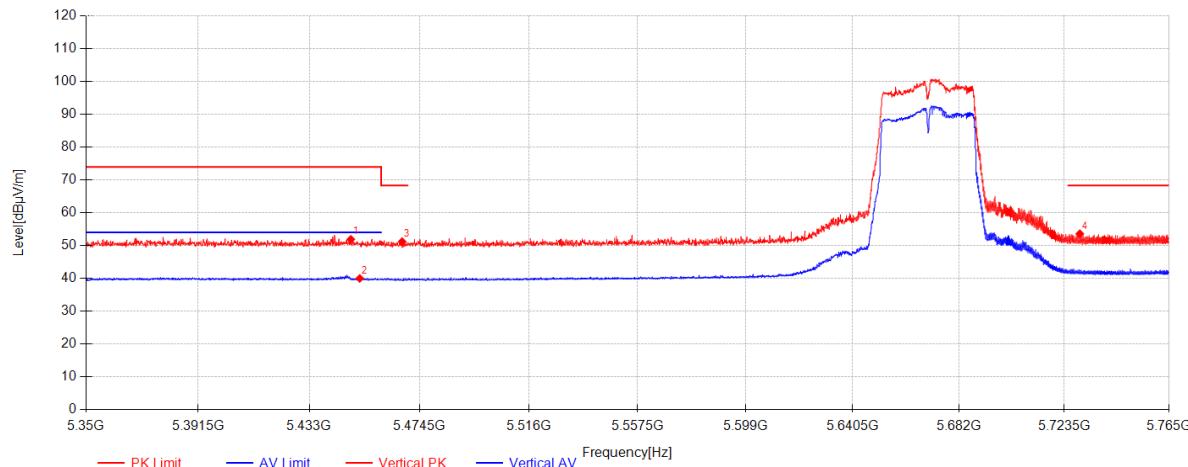


Report No.: SEWM2207000133RG04  
 Rev.: 01  
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## 802.11ac40\_Channel 134 MIMO



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	5448.6017	38.14	32.85	-19.10	51.90	74.00	22.10	255	90	Vertical	
2	5451.9517	26.23	32.86	-19.10	39.98	54.00	14.02	255	90	Vertical	
3	5467.92	37.45	32.87	-19.13	51.20	68.30	17.10	255	90	Vertical	
4	5729.62	38.93	33.49	-18.82	53.60	68.30	14.70	255	90	Vertical	

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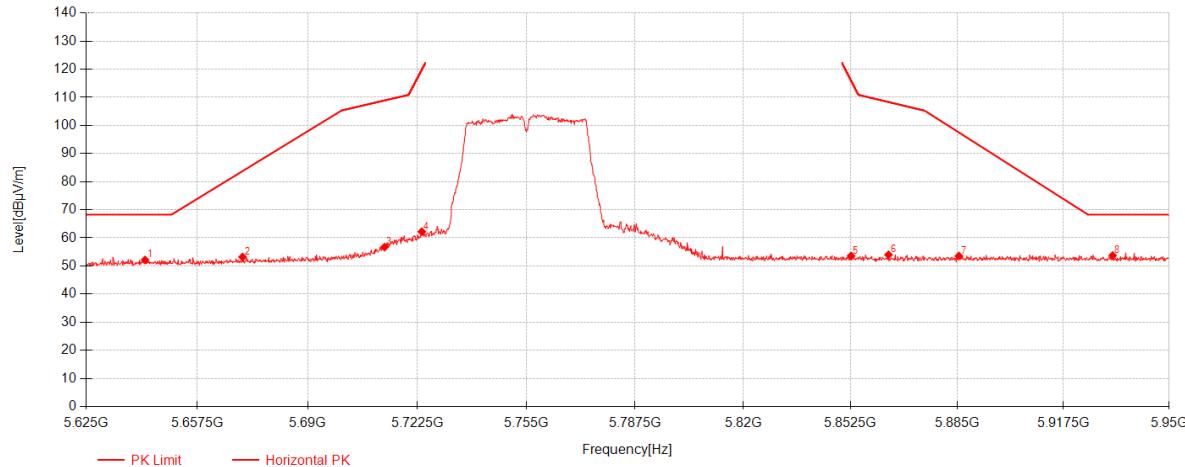
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## 802.11ac40\_Channel 151 MIMO



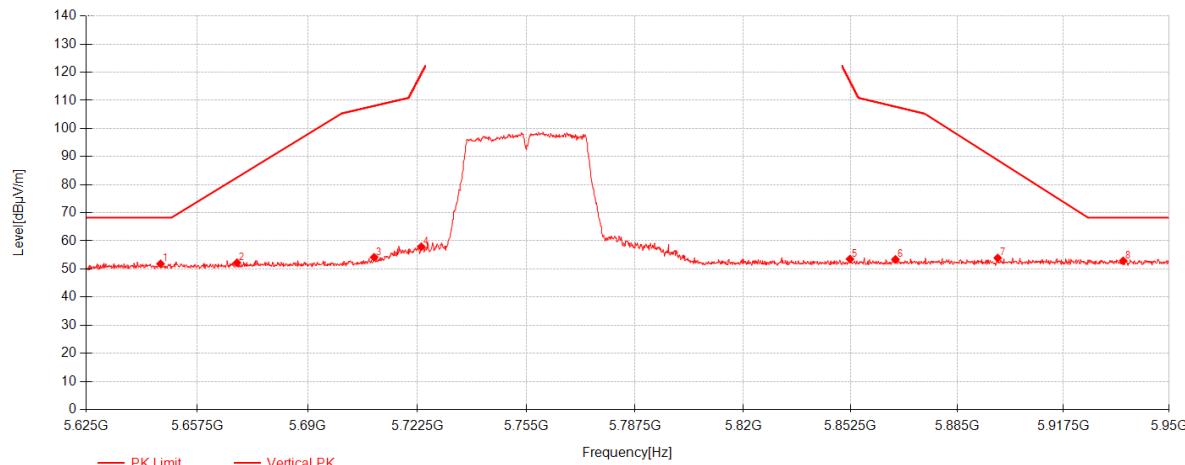
Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5642.225	37.69	33.17	-18.72	52.14	68.30	16.16	155	311	Horizontal	
2	5670.825	38.66	33.28	-18.73	53.21	83.75	30.54	155	311	Horizontal	
3	5712.75	42.05	33.43	-18.77	56.71	108.87	52.16	155	311	Horizontal	
4	5723.8	47.53	33.47	-18.80	62.20	119.56	57.36	155	311	Horizontal	
5	5852.6625	38.59	33.85	-18.88	53.56	116.23	62.67	155	311	Horizontal	
6	5864.0375	38.95	33.87	-18.84	53.98	108.37	54.39	155	311	Horizontal	
7	5885.4875	38.41	33.91	-18.78	53.54	97.51	43.97	155	311	Horizontal	
8	5932.6125	38.52	34.00	-18.81	53.71	68.30	14.59	155	311	Horizontal	

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**802.11ac40\_Channel 151 MIMO**

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	5646.775	37.34	33.19	-18.72	51.81	68.30	16.49	198	183	Vertical	
2	5669.2	37.67	33.27	-18.73	52.22	82.55	30.33	198	183	Vertical	
3	5709.6625	39.50	33.42	-18.76	54.16	108.01	53.85	198	183	Vertical	
4	5723.6375	43.23	33.47	-18.80	57.90	119.19	61.29	198	183	Vertical	
5	5852.3375	38.55	33.85	-18.88	53.52	116.97	63.45	198	183	Vertical	
6	5866.15	38.37	33.88	-18.84	53.41	107.78	54.37	198	183	Vertical	
7	5897.35	38.70	33.93	-18.75	53.89	88.72	34.83	198	183	Vertical	
8	5935.8625	37.70	34.01	-18.82	52.89	68.30	15.41	198	183	Vertical	

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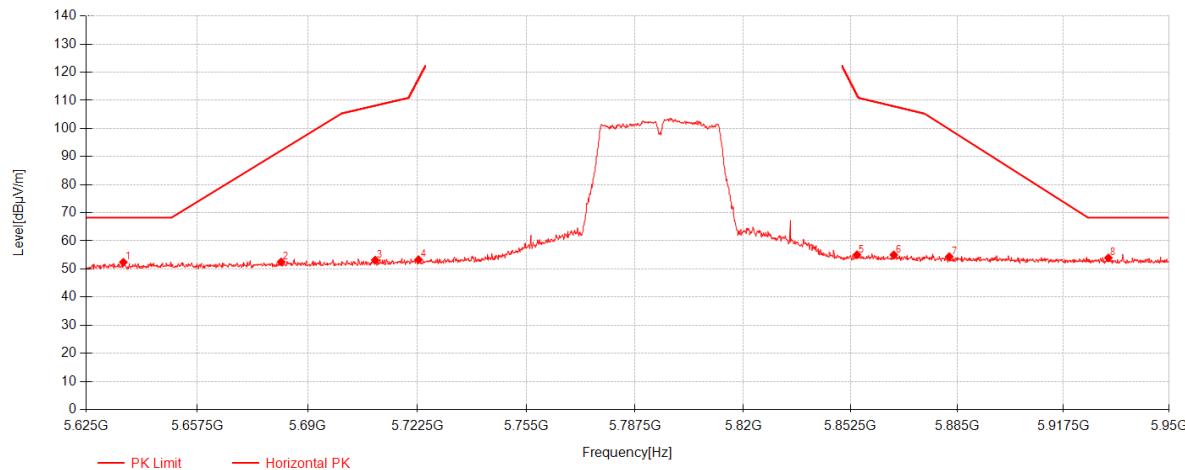


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## 802.11ac40\_Channel 159 MIMO



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	5635.8875	37.97	33.15	-18.72	52.40	68.30	15.90	202	108	Horizontal	
2	5682.2	37.94	33.32	-18.73	52.53	92.17	39.64	202	108	Horizontal	
3	5709.9875	38.54	33.42	-18.76	53.20	108.10	54.90	202	108	Horizontal	
4	5722.825	38.65	33.47	-18.80	53.32	117.34	64.02	202	108	Horizontal	
5	5854.45	40.07	33.85	-18.87	55.05	112.15	57.10	202	108	Horizontal	
6	5865.6625	40.00	33.87	-18.84	55.04	107.91	52.87	202	108	Horizontal	
7	5882.5625	39.28	33.91	-18.79	54.40	99.68	45.28	202	108	Horizontal	
8	5931.3125	38.74	34.00	-18.81	53.93	68.30	14.37	202	108	Horizontal	

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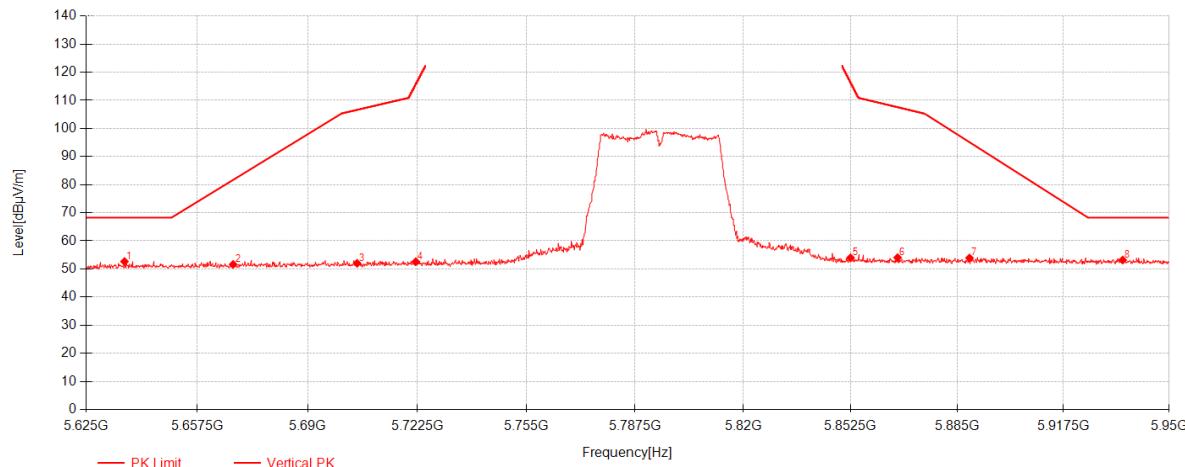


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## 802.11ac40\_Channel 159 MIMO



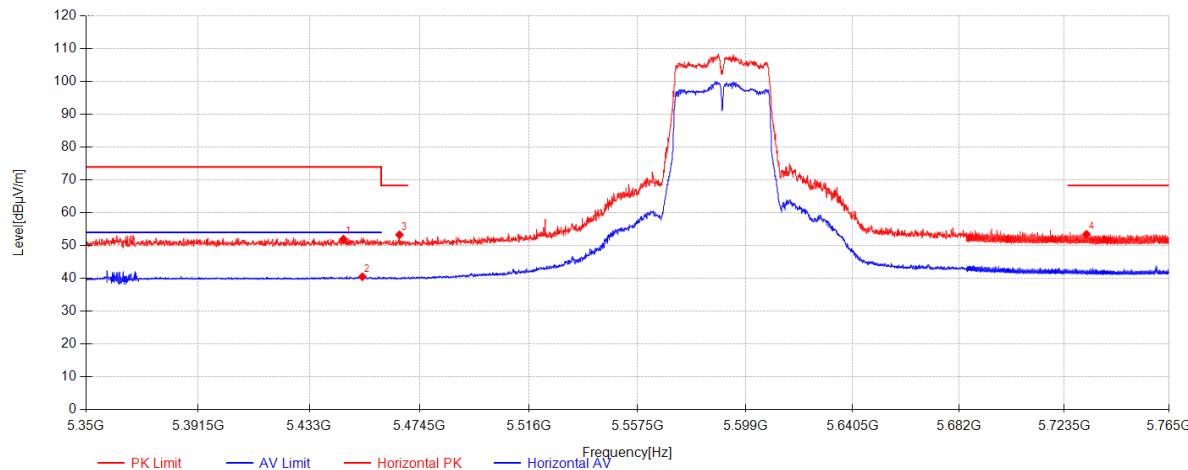
Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5636.2125	38.23	33.15	-18.72	52.66	68.30	15.64	264	118	Vertical	
2	5668.0625	37.08	33.27	-18.73	51.62	81.70	30.08	264	118	Vertical	
3	5704.625	37.35	33.40	-18.74	52.01	106.60	54.59	264	118	Vertical	
4	5722.0125	37.94	33.47	-18.80	52.61	115.49	62.88	264	118	Vertical	
5	5852.5	39.02	33.85	-18.88	53.99	116.60	62.61	264	118	Vertical	
6	5866.8	39.02	33.88	-18.84	54.06	107.59	53.53	264	118	Vertical	
7	5888.7375	38.76	33.92	-18.77	53.91	95.10	41.19	264	118	Vertical	
8	5935.7	37.99	34.01	-18.81	53.18	68.30	15.12	264	118	Vertical	

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**802.11ac40\_Channel 118 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5445.81	38.18	32.85	-19.09	51.94	74.00	22.06	132	134	Horizontal	
2	5452.9567	26.75	32.86	-19.10	40.50	54.00	13.50	132	134	Horizontal	
3	5466.915	39.54	32.87	-19.13	53.29	68.30	15.01	132	134	Horizontal	
4	5732.23	38.77	33.50	-18.83	53.45	68.30	14.85	132	134	Horizontal	

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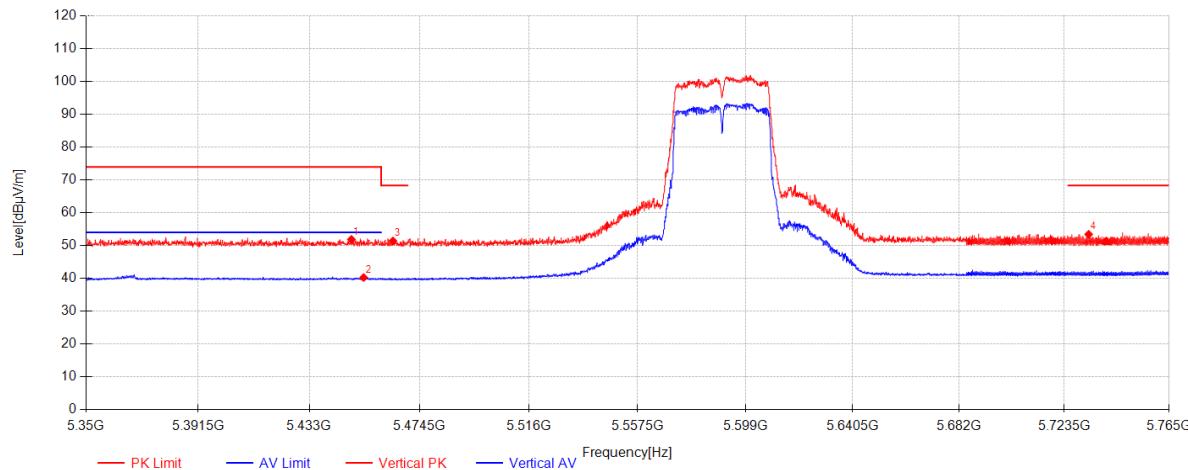
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## 802.11ac40\_Channel 118 MIMO



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	5448.825	38.11	32.85	-19.10	51.87	74.00	22.13	132	224	Vertical	
2	5453.4033	26.50	32.86	-19.11	40.25	54.00	13.75	132	224	Vertical	
3	5464.4583	37.65	32.87	-19.12	51.40	68.30	16.90	132	224	Vertical	
4	5733.09	38.74	33.51	-18.83	53.42	68.30	14.88	132	224	Vertical	

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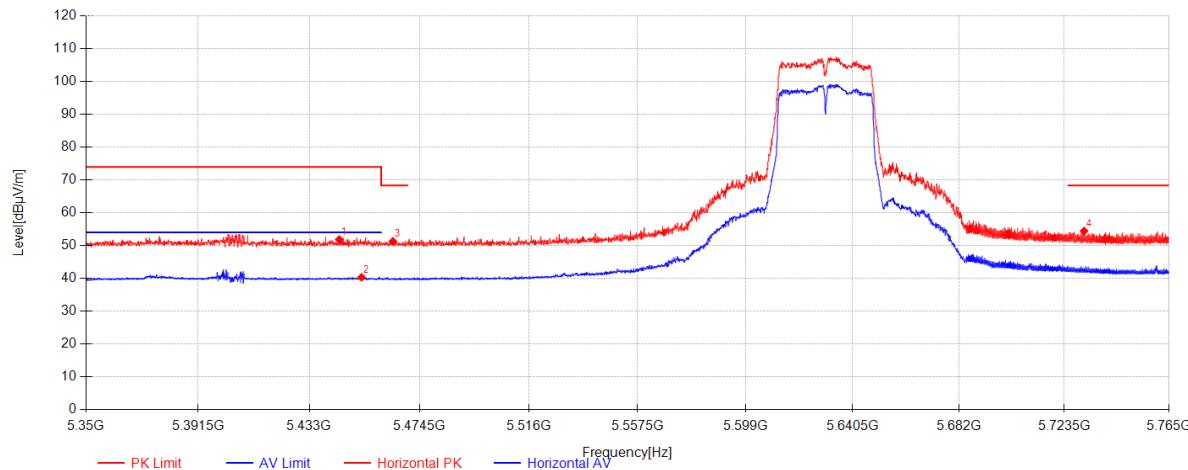


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## 802.11ac40\_Channel 126 MIMO



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	5444.2467	38.08	32.85	-19.09	51.84	74.00	22.16	230	121	Horizontal	
2	5452.6217	26.57	32.86	-19.10	40.32	54.00	13.68	230	121	Horizontal	
3	5464.4583	37.52	32.87	-19.12	51.27	68.30	17.03	230	121	Horizontal	
4	5731.29	39.76	33.50	-18.82	54.44	68.30	13.86	230	121	Horizontal	

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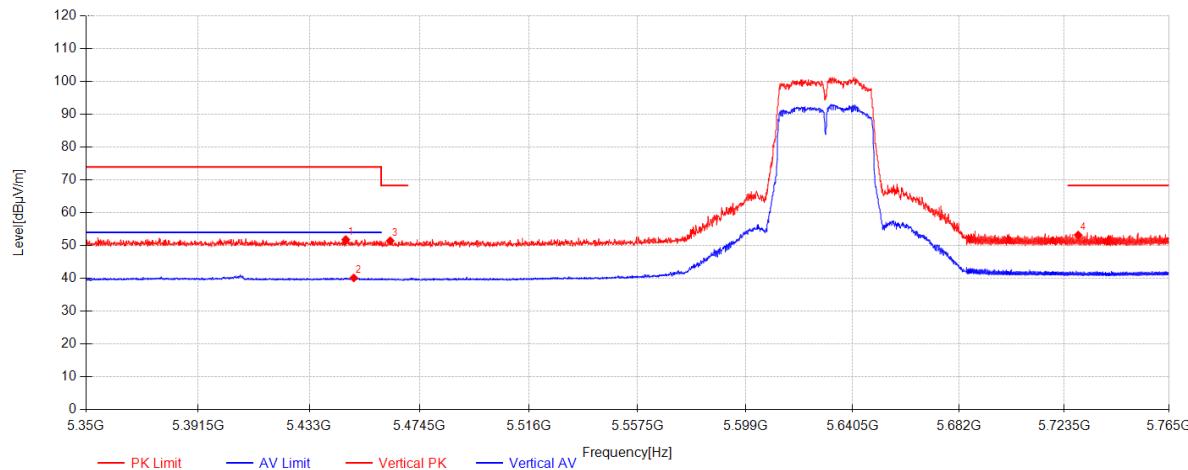


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## 802.11ac40\_Channel 126 MIMO



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	5446.7033	38.06	32.85	-19.09	51.82	74.00	22.18	123	42	Vertical	
2	5449.7183	26.37	32.85	-19.10	40.13	54.00	13.87	123	42	Vertical	
3	5463.4533	37.70	32.87	-19.12	51.45	68.30	16.85	123	42	Vertical	
4	5728.97	38.54	33.49	-18.82	53.21	68.30	15.09	123	42	Vertical	

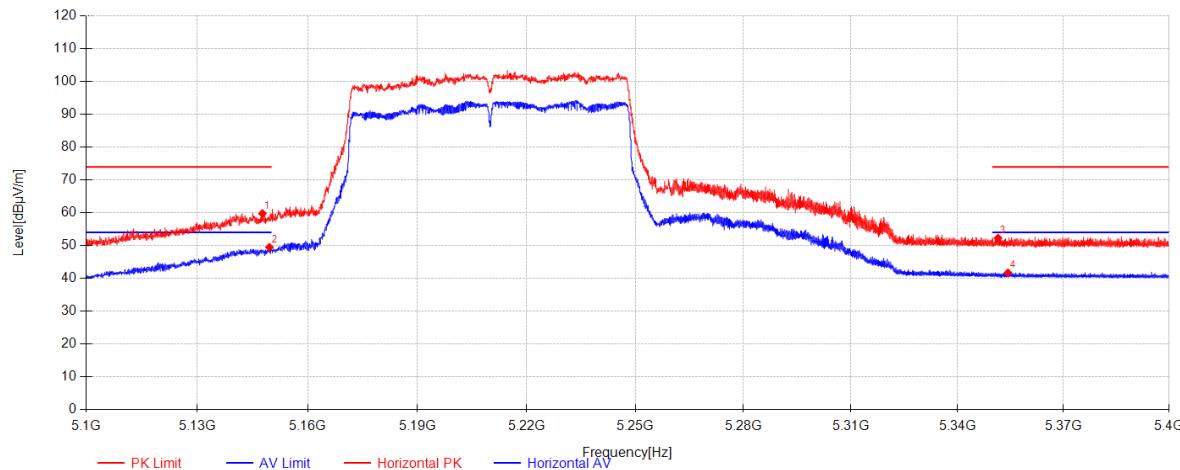
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**802.11ac80\_Channel 42 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5147.68	45.96	32.96	-19.15	59.78	74.00	14.22	266	86	Horizontal	
2	5149.6	35.67	32.96	-19.14	49.49	54.00	4.51	266	86	Horizontal	
3	5351.49	38.33	32.85	-18.90	52.27	74.00	21.73	266	86	Horizontal	
4	5354.2725	27.75	32.84	-18.91	41.68	54.00	12.32	266	86	Horizontal	

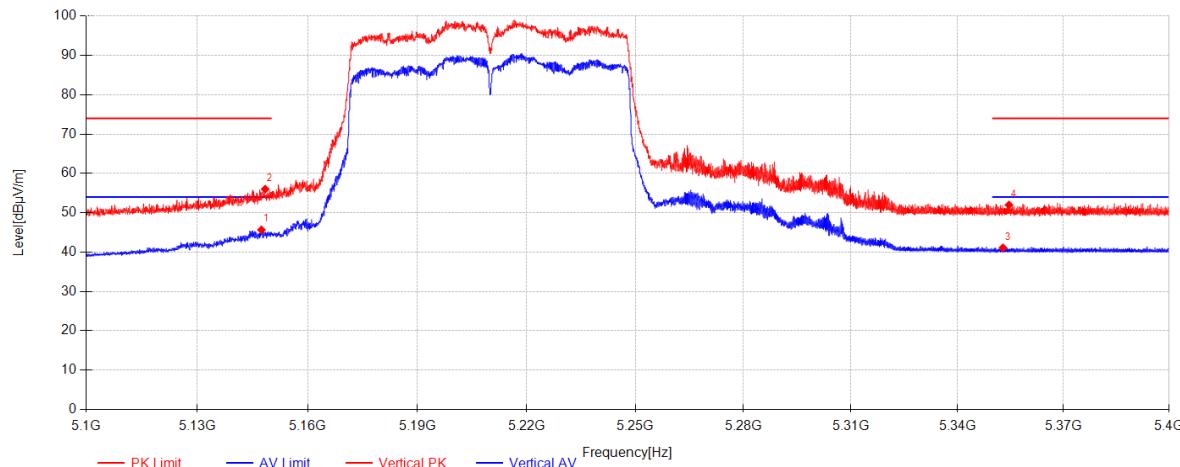
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**802.11ac80\_Channel 42 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5147.4133	31.84	32.96	-19.15	45.65	54.00	8.35	203	134	Vertical	
2	5148.4267	42.19	32.96	-19.14	56.01	74.00	17.99	203	134	Vertical	
3	5352.855	27.16	32.84	-18.91	41.10	54.00	12.90	203	134	Vertical	
4	5354.5525	38.05	32.84	-18.91	51.98	74.00	22.02	203	134	Vertical	

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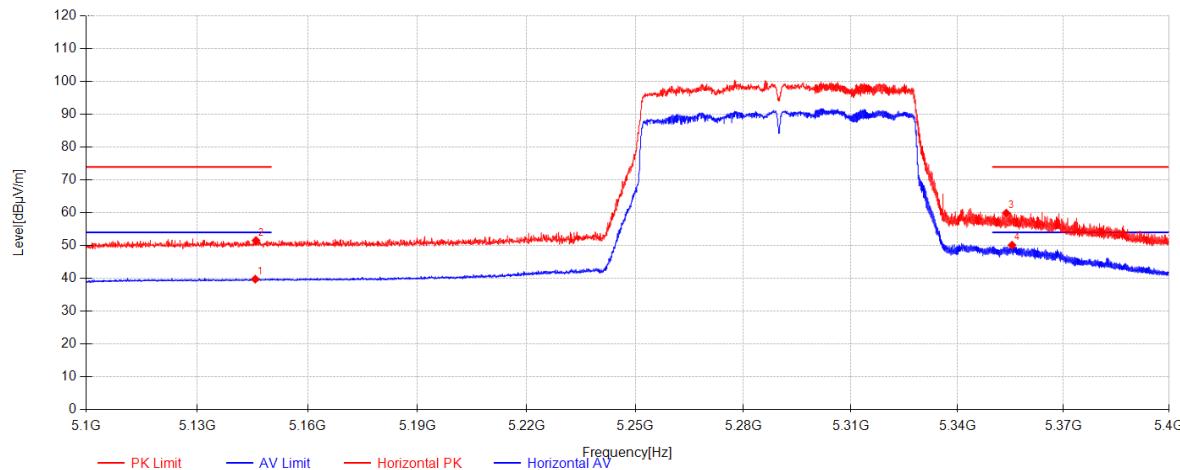
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Report No.: SEWM2207000133RG04  
 Rev.: 01  
 Page: 434 of 441

## 802.11ac80\_Channel 58 MIMO



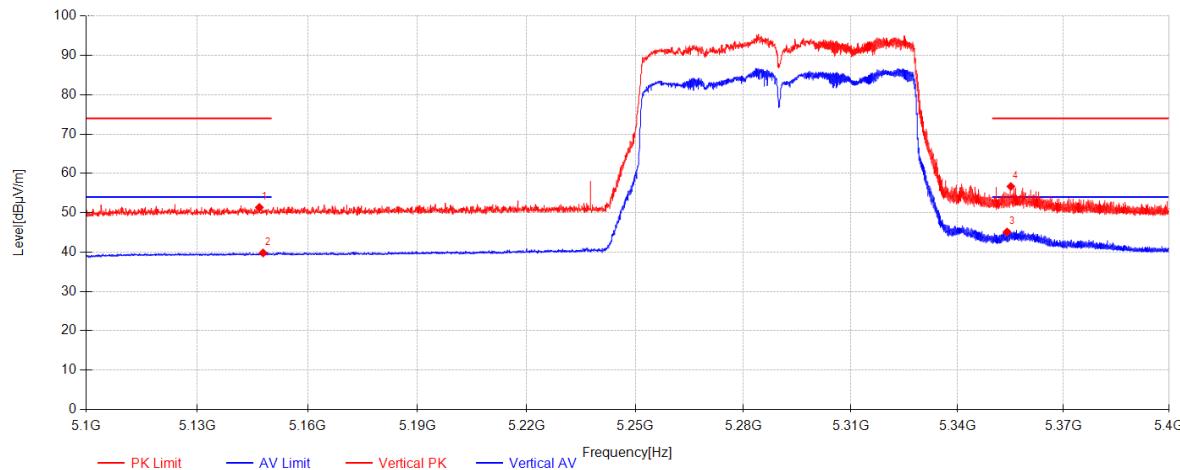
Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5145.7333	25.95	32.96	-19.15	39.76	54.00	14.24	169	258	Horizontal	
2	5145.9333	37.73	32.96	-19.15	51.54	74.00	22.46	169	258	Horizontal	
3	5353.8	45.96	32.84	-18.91	59.89	74.00	14.11	169	258	Horizontal	
4	5355.425	36.18	32.84	-18.91	50.11	54.00	3.89	169	258	Horizontal	

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 t (86-512) 62992980 sgs.china@sgs.com

**802.11ac80\_Channel 58 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5146.8667	37.55	32.96	-19.15	51.36	74.00	22.64	149	133	Vertical	
2	5147.8667	25.97	32.96	-19.15	39.79	54.00	14.21	149	133	Vertical	
3	5354.0125	31.19	32.84	-18.91	45.12	54.00	8.88	149	133	Vertical	
4	5355.1	42.76	32.84	-18.91	56.69	74.00	17.31	149	133	Vertical	

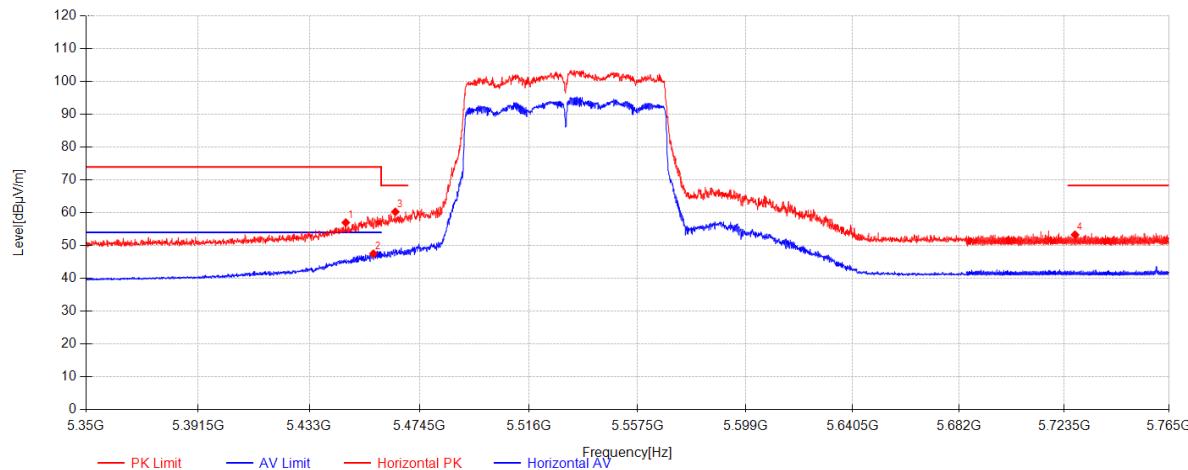
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**802.11ac80\_Channel 106 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5446.7033	43.24	32.85	-19.09	57.00	74.00	17.00	296	110	Horizontal	
2	5457.0883	33.76	32.86	-19.11	47.51	54.00	6.49	296	110	Horizontal	
3	5465.3517	46.54	32.87	-19.12	60.29	68.30	8.01	296	110	Horizontal	
4	5727.7	38.63	33.49	-18.81	53.30	68.30	15.00	296	110	Horizontal	

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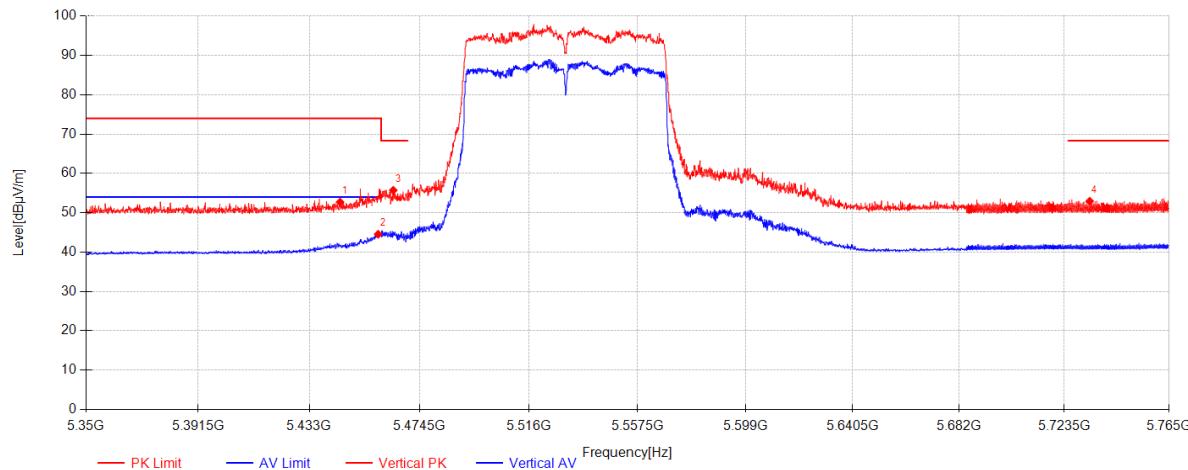


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## 802.11ac80\_Channel 106 MIMO



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	5444.5817	38.95	32.85	-19.09	52.71	74.00	21.29	265	338	Vertical	
2	5458.875	30.79	32.86	-19.11	44.54	54.00	9.46	265	338	Vertical	
3	5464.57	41.97	32.87	-19.12	55.72	68.30	12.58	265	338	Vertical	
4	5733.51	38.26	33.51	-18.83	52.94	68.30	15.36	265	338	Vertical	

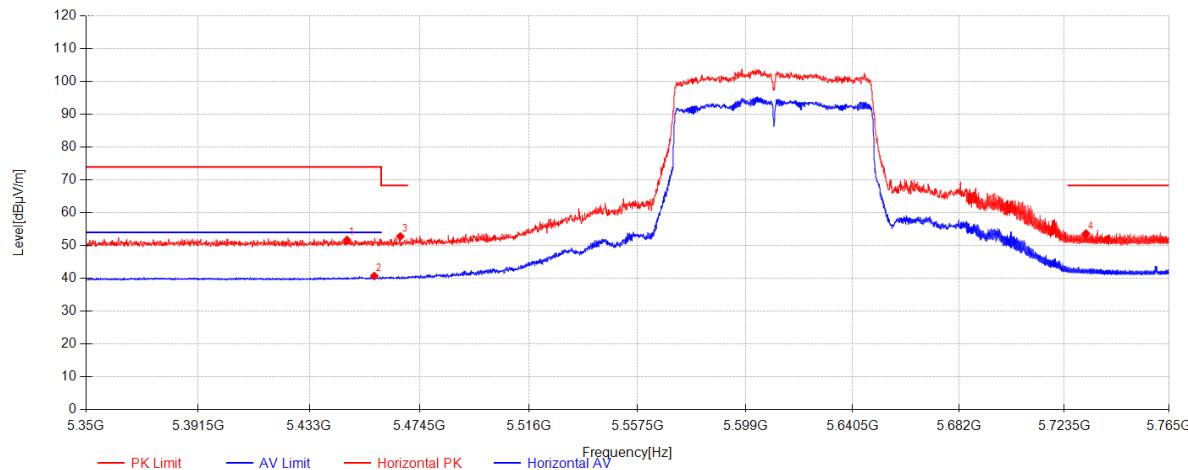
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<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5447.15	37.91	32.85	-19.10	51.67	74.00	22.33	145	225	Horizontal	
2	5457.4233	26.96	32.86	-19.11	40.71	54.00	13.29	145	225	Horizontal	
3	5467.25	39.04	32.87	-19.13	52.79	68.30	15.51	145	225	Horizontal	
4	5732.02	38.98	33.50	-18.83	53.66	68.30	14.64	145	225	Horizontal	

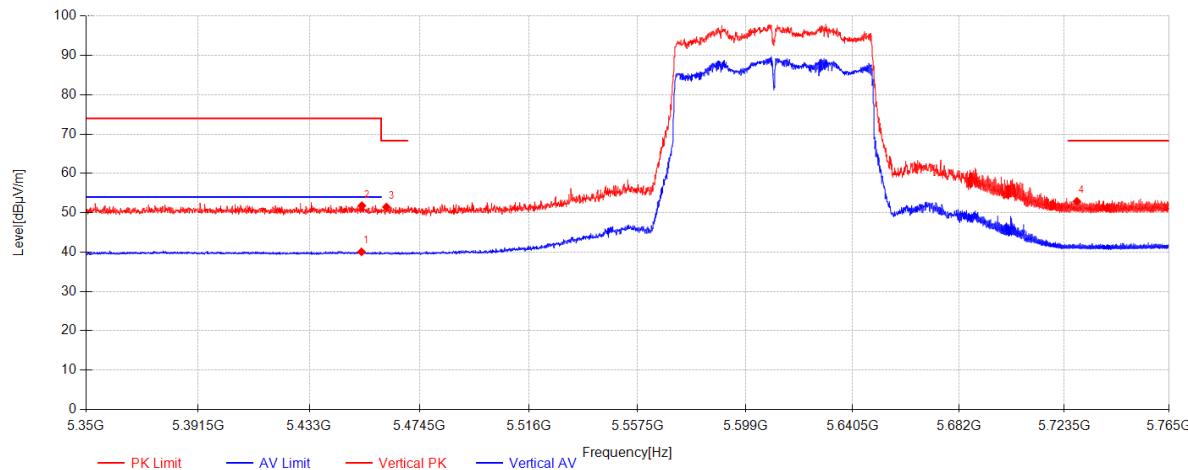
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**802.11ac80\_Channel 122 MIMO**

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	5452.6217	26.32	32.86	-19.10	40.07	54.00	13.93	178	142	Vertical	
2	5452.7333	38.04	32.86	-19.10	51.79	74.00	22.21	178	142	Vertical	
3	5462.0017	37.71	32.87	-19.12	51.46	68.30	16.84	178	142	Vertical	
4	5728.47	38.22	33.49	-18.82	52.89	68.30	15.41	178	142	Vertical	

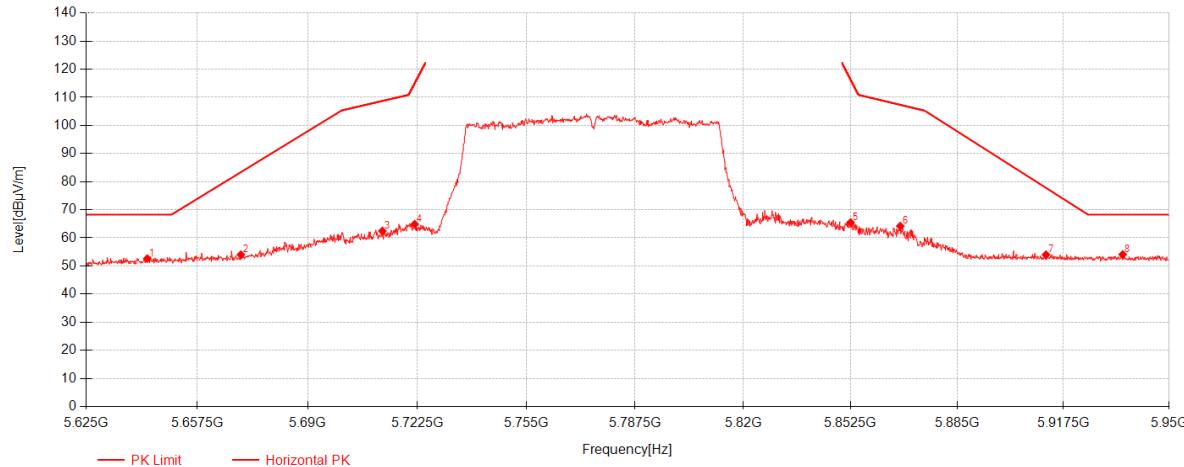
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**802.11ac80\_Channel 155 MIMO**

<b>Data List</b>											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5642.875	38.18	33.18	-18.72	52.63	68.30	15.67	241	93	Horizontal	
2	5670.3375	39.48	33.28	-18.73	54.03	83.39	29.36	241	93	Horizontal	
3	5712.1	47.77	33.43	-18.77	62.43	108.69	46.26	241	93	Horizontal	
4	5721.6875	50.18	33.46	-18.80	64.85	114.75	49.90	241	93	Horizontal	
5	5852.5	50.50	33.85	-18.88	65.47	116.60	51.13	241	93	Horizontal	
6	5867.6125	49.15	33.88	-18.83	64.19	107.37	43.18	241	93	Horizontal	
7	5912.1375	38.81	33.96	-18.77	54.01	77.79	23.78	241	93	Horizontal	
8	5935.7	38.90	34.01	-18.81	54.09	68.30	14.21	241	93	Horizontal	

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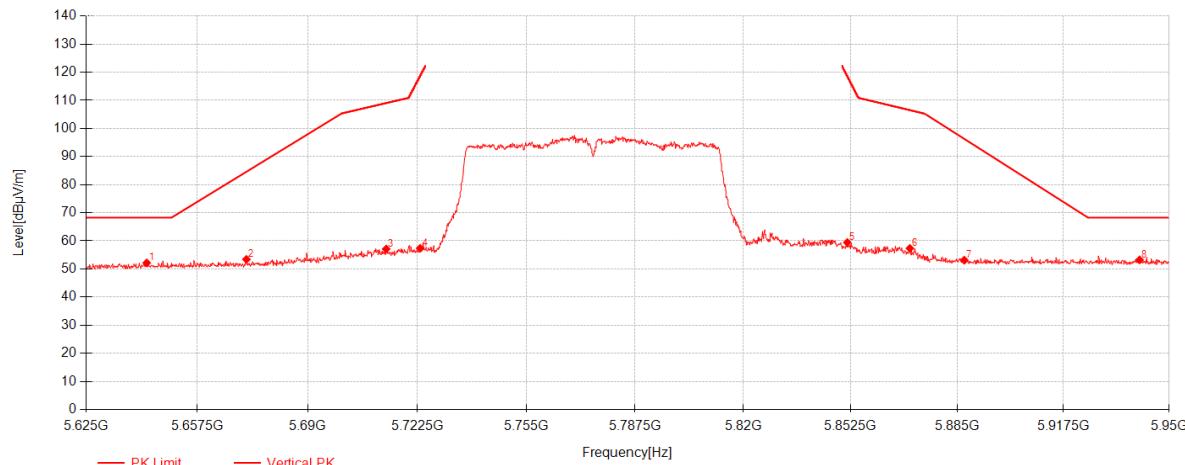


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## 802.11ac80\_Channel 155 MIMO



## Data List

NO.	Frequency [MHz]	Reading [dB $\mu$ V]	AF [dB/m]	Factor [dB]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.7125	37.72	33.18	-18.72	52.17	68.30	16.13	294	16	Vertical
2	5671.9625	38.87	33.28	-18.73	53.43	84.59	31.16	294	16	Vertical
3	5713.2375	42.46	33.43	-18.77	57.12	109.01	51.89	294	16	Vertical
4	5723.3125	42.69	33.47	-18.80	57.36	118.45	61.09	294	16	Vertical
5	5851.525	44.48	33.85	-18.88	59.45	118.82	59.37	294	16	Vertical
6	5870.5375	42.28	33.88	-18.83	57.34	106.55	49.21	294	16	Vertical
7	5887.1125	38.00	33.92	-18.78	53.14	96.31	43.17	294	16	Vertical
8	5940.9	38.05	34.02	-18.83	53.24	68.30	15.06	294	16	Vertical

Remark:

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

Level = Reading(dBuV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

$$\text{Margin} = \text{Limit(dB}\mu\text{V/m)} - \text{Level(dB}\mu\text{V/m)}$$

---End of Report---

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