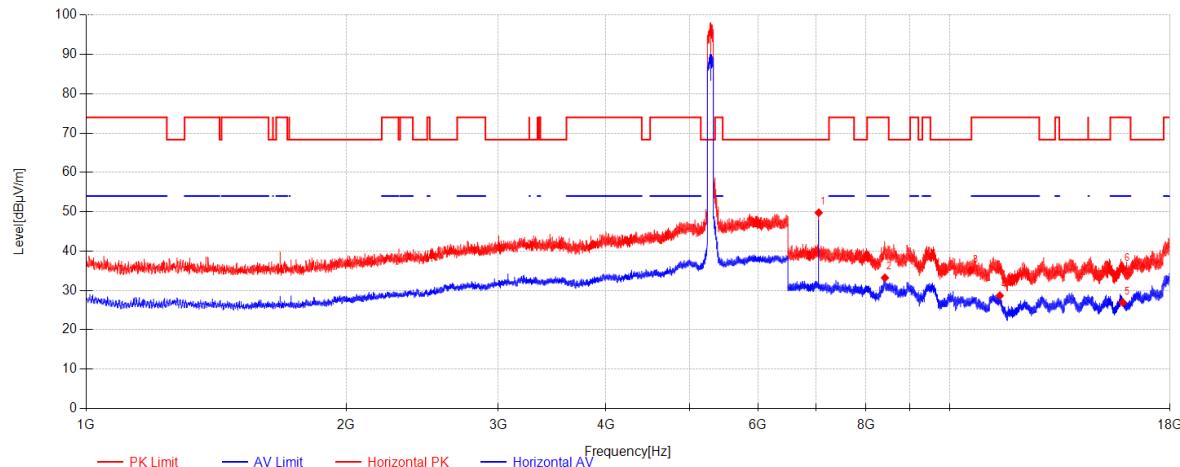


802.11ac80_Channel 58 MIMO

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	7053.4375	56.89	36.22	-43.35	49.76	68.30	18.54	162	97	Horizontal	
2	8414.75	37.28	37.36	-41.43	33.21	54.00	20.79	201	47	Horizontal	
3	10580.0000	34.24	39.04	-38.16	35.12	68.30	33.18	142	360	Horizontal	
4	11432.5417	26.80	39.07	-37.18	28.69	54.00	25.31	266	319	Horizontal	
5	15870.0000	22.67	38.08	-33.81	26.94	54.00	27.06	192	97	Horizontal	
6	15870.0000	31.22	38.08	-33.81	35.49	74.00	38.51	155	268	Horizontal	

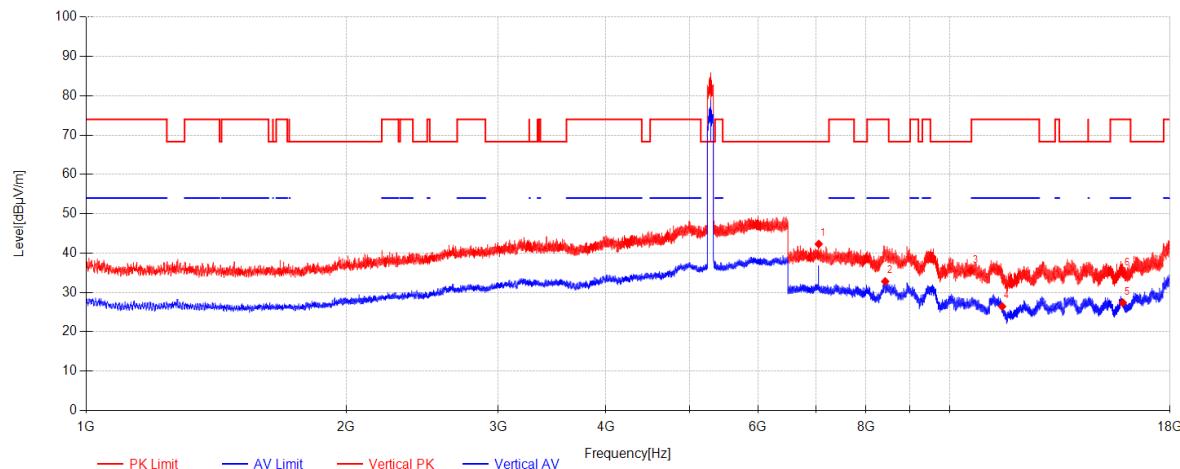
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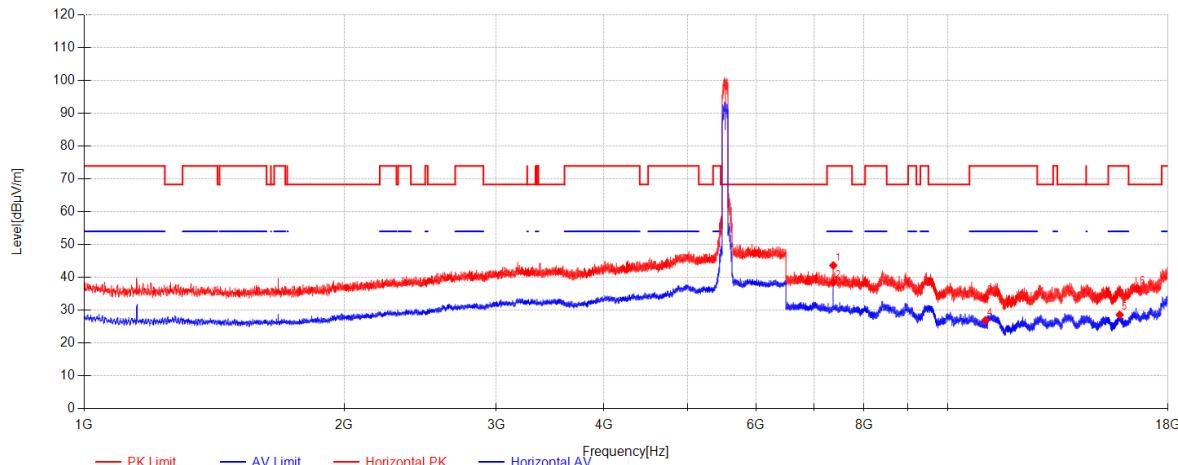
Data List											
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1	7053.4375	49.44	36.22	-43.35	42.31	68.30	25.99	241	49	Vertical	
2	8420.5	36.89	37.37	-41.46	32.80	54.00	21.20	201	196	Vertical	
3	10580.0000	34.65	39.04	-38.16	35.53	68.30	32.77	256	196	Vertical	
4	11502.9792	23.97	39.00	-36.52	26.44	54.00	27.56	142	342	Vertical	
5	15870.0000	23.13	38.08	-33.81	27.40	54.00	26.60	192	49	Vertical	
6	15870.0000	30.58	38.08	-33.81	34.85	74.00	39.15	155	360	Vertical	

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802.11ac80_Channel 106 MIMO

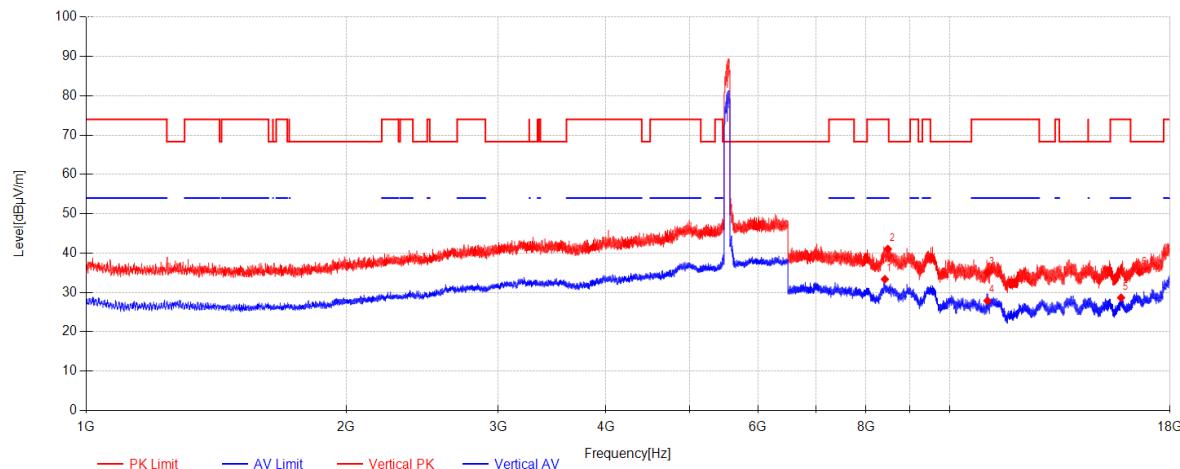
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1	7373.5208	50.06	36.50	-42.93	43.63	74.00	30.37	241	37	Horizontal	
2	7374	44.86	36.50	-42.93	38.43	54.00	15.57	188	4	Horizontal	
3	11060.0000	32.33	39.08	-37.69	33.73	74.00	40.27	261	306	Horizontal	
4	11060.0000	25.49	39.08	-37.69	26.89	54.00	27.11	199	184	Horizontal	
5	15825.0625	23.74	38.16	-33.33	28.57	54.00	25.43	203	306	Horizontal	
6	16590.0000	32.96	38.11	-34.50	36.57	68.30	31.73	236	330	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	8413.3125	37.43	37.36	-41.43	33.36	54.00	20.64	146	354	Vertical	
2	8481.8333	45.27	37.50	-41.72	41.05	74.00	32.95	291	292	Vertical	
3	11060.0000	33.66	39.08	-37.69	35.06	74.00	38.94	142	121	Vertical	
4	11060.0000	26.49	39.08	-37.69	27.89	54.00	26.11	166	97	Vertical	
5	15795.8333	23.52	38.21	-33.07	28.66	54.00	25.34	208	3	Vertical	
6	16590.0000	31.49	38.11	-34.50	35.10	68.30	33.20	271	97	Vertical	

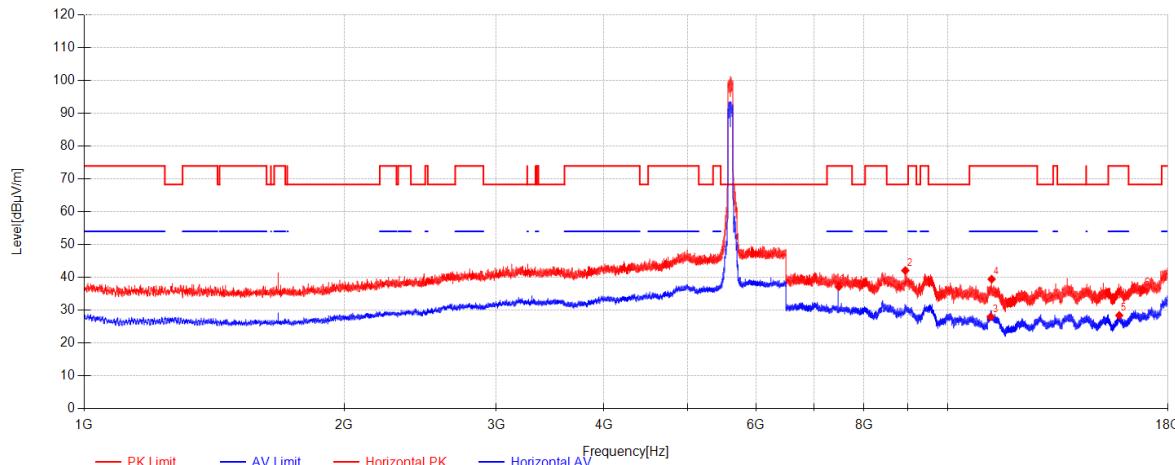
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	7480.375	43.78	36.45	-43.10	37.13	54.00	16.87	236	24	Horizontal	
2	8932.7292	44.80	38.16	-40.90	42.06	68.30	26.24	251	340	Horizontal	
3	11220.0000	25.58	39.11	-36.73	27.96	54.00	26.04	145	122	Horizontal	
4	11245.6667	37.22	39.11	-36.89	39.44	74.00	34.56	188	354	Horizontal	
5	15803.5	23.29	38.19	-33.10	28.39	54.00	25.61	263	146	Horizontal	
6	16830.0000	32.25	38.41	-34.47	36.18	68.30	32.12	142	267	Horizontal	

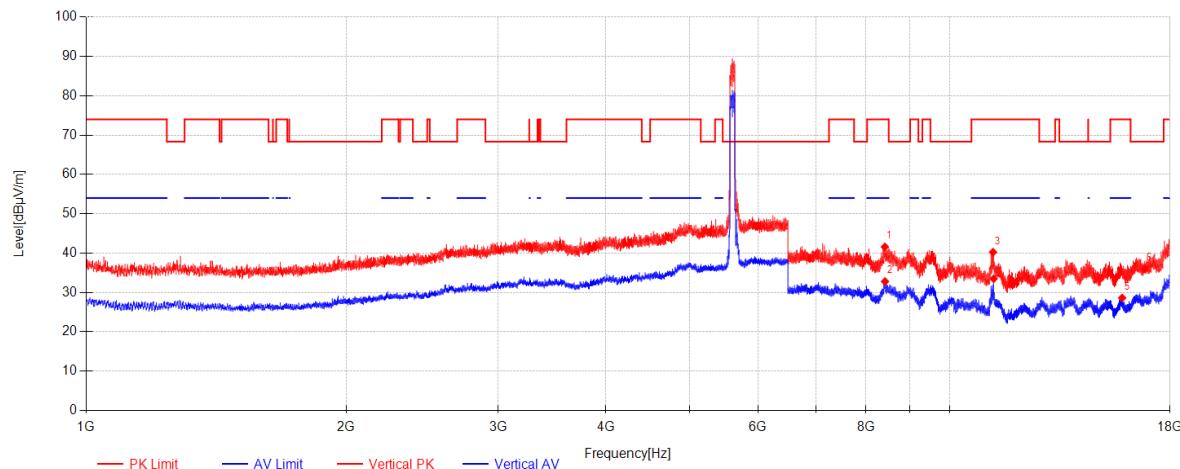
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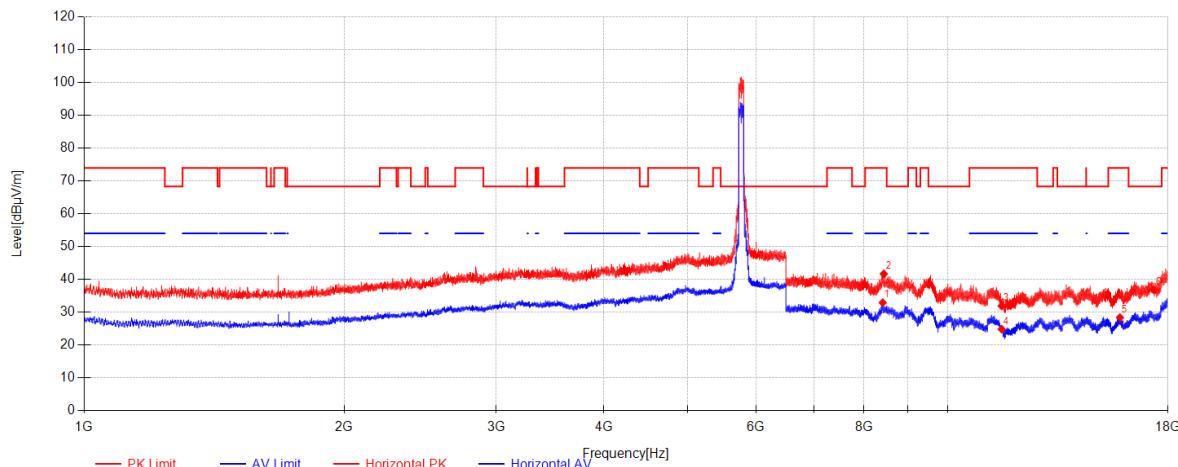
Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	8412.8333	45.66	37.36	-41.43	41.59	74.00	32.41	163	194	Vertical	
2	8417.1458	36.86	37.37	-41.44	32.78	54.00	21.22	214	73	Vertical	
3	11227.4583	37.90	39.11	-36.77	40.24	74.00	33.76	199	73	Vertical	
4	11246.625	31.27	39.11	-36.89	33.49	54.00	20.51	145	73	Vertical	
5	15843.2708	24.02	38.13	-33.52	28.62	54.00	25.38	286	354	Vertical	
6	16830.0000	32.09	38.41	-34.47	36.02	68.30	32.28	261	121	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	8411.3958	36.97	37.35	-41.42	32.90	54.00	21.10	165	194	Horizontal	
2	8435.3542	45.77	37.40	-41.52	41.65	74.00	32.35	142	219	Horizontal	
3	11550.0000	29.68	38.94	-36.75	31.88	74.00	42.12	199	359	Horizontal	
4	11550.0000	22.59	38.94	-36.75	24.79	54.00	29.21	184	169	Horizontal	
5	15834.6458	23.64	38.14	-33.43	28.35	54.00	25.65	321	96	Horizontal	
6	17325.0000	33.19	38.77	-35.15	36.81	68.30	31.49	142	120	Horizontal	

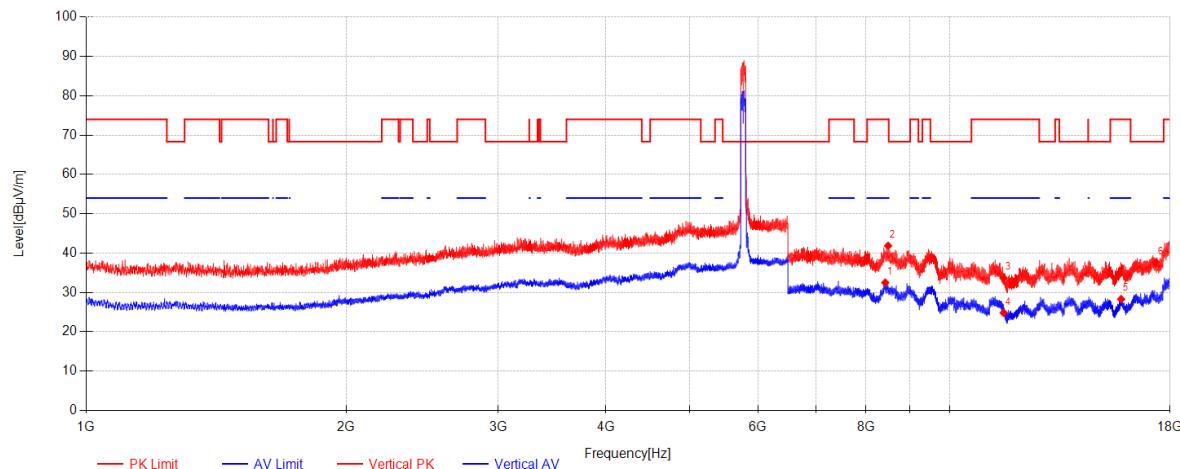
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	8422.8958	36.58	37.38	-41.47	32.49	54.00	21.51	215	339	Vertical	
2	8487.1042	46.07	37.51	-41.74	41.84	74.00	32.16	266	242	Vertical	
3	11550.0000	31.44	38.94	-36.75	33.64	74.00	40.36	213	266	Vertical	
4	11550.0000	22.63	38.94	-36.75	24.83	54.00	29.17	145	49	Vertical	
5	15799.1875	23.16	38.20	-33.06	28.30	54.00	25.70	263	121	Vertical	
6	17325.0000	34.03	38.77	-35.15	37.65	68.30	30.65	169	145	Vertical	

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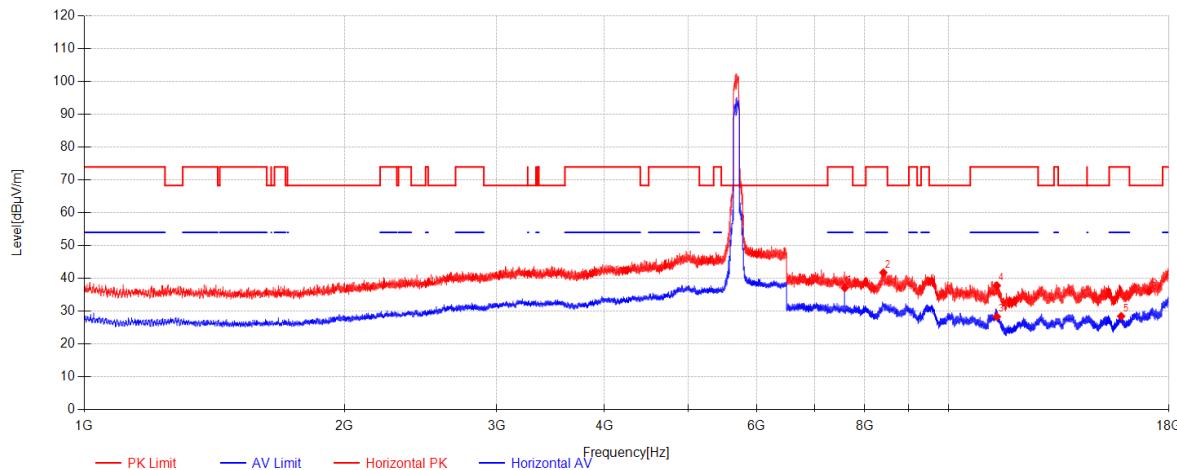
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802.11ac80_Channel 138 MIMO



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	7587.2292	43.47	36.40	-42.79	37.07	54.00	16.93	162	360	Horizontal	
2	8409	45.81	37.35	-41.41	41.75	74.00	32.25	154	121	Horizontal	
3	11380.0000	26.64	39.11	-37.45	28.30	54.00	25.70	142	121	Horizontal	
4	11380.0000	36.14	39.11	-37.45	37.80	74.00	36.20	175	339	Horizontal	
5	15846.625	23.87	38.12	-33.56	28.43	54.00	25.57	201	24	Horizontal	
6	17070.0000	31.20	38.54	-33.73	36.01	68.30	32.29	291	268	Horizontal	

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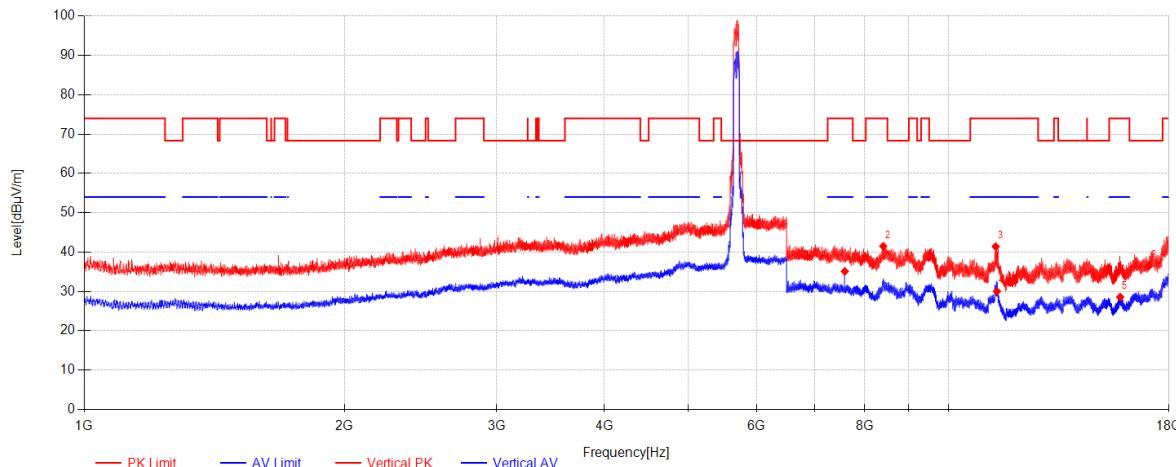


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802.11ac80_Channel 138 MIMO



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	7587.2292	41.52	36.40	-42.79	35.12	54.00	18.88	175	360	Vertical	
2	8406.6042	45.55	37.34	-41.40	41.50	74.00	32.50	162	70	Vertical	
3	11342.4583	39.66	39.11	-37.35	41.42	74.00	32.58	302	47	Vertical	
4	11380.0000	28.37	39.11	-37.45	30.03	54.00	23.97	145	354	Vertical	
5	15804.9375	23.49	38.19	-33.11	28.57	54.00	25.43	254	120	Vertical	
6	17070.0000	31.71	38.54	-33.73	36.52	68.30	31.78	111	218	Vertical	

Remark:

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

$$\text{Level} = \text{Reading(dBμV)} + \text{AF(dB/m)} + \text{Factor(dB)}$$

$$\text{AF} = \text{Antenna Factor(dB/m)}$$

$$\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier gain(dB)}$$

$$\text{Margin} = \text{Limit(dBμV/m)} - \text{Level(dBμV/m)}$$
- All channels have been tested, but only the worst case data displayed in this report.

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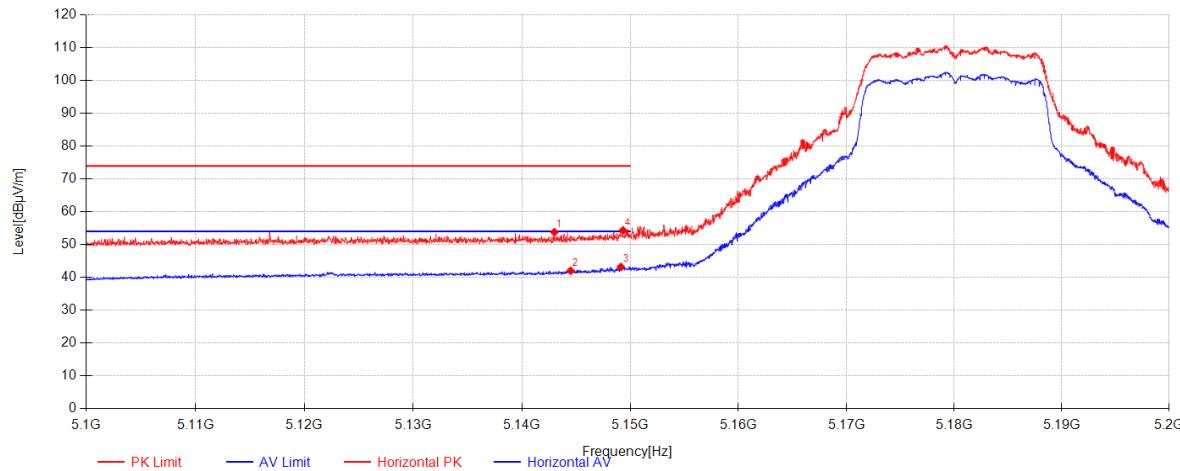


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Restricted bands around fundamental frequency

802.11a_Channel 36 CDD



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	5143	39.98	32.96	-19.16	53.78	74.00	20.22	141	31	Horizontal	
2	5144.5	28.19	32.96	-19.15	42.00	54.00	12.00	141	31	Horizontal	
3	5149.1333	29.35	32.96	-19.14	43.17	54.00	10.83	141	31	Horizontal	
4	5149.3333	40.52	32.96	-19.14	54.34	74.00	19.66	141	31	Horizontal	

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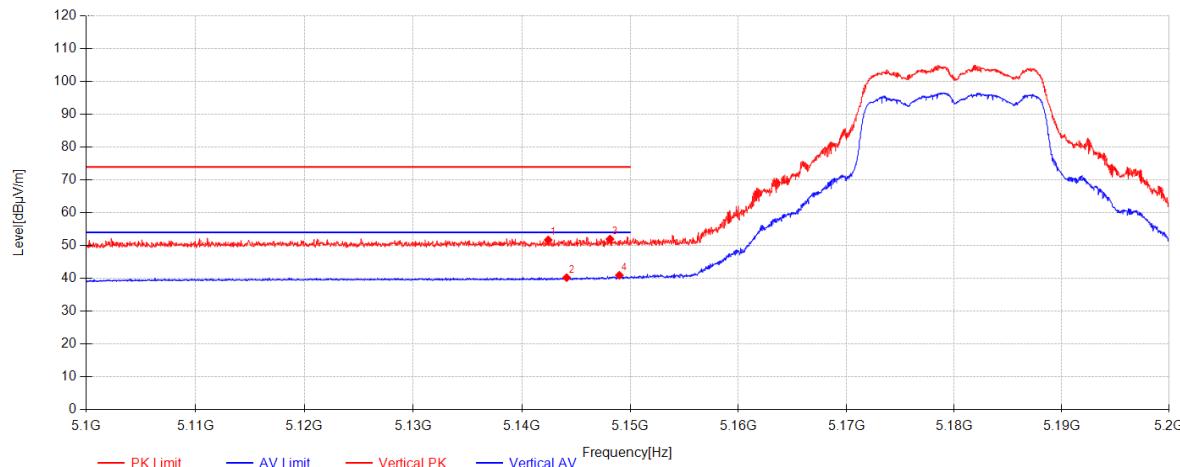


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802.11a_Channel 36 CDD



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	5142.4333	37.91	32.96	-19.16	51.71	74.00	22.29	126	42	Vertical	
2	5144.1333	26.40	32.96	-19.15	40.21	54.00	13.79	126	42	Vertical	
3	5148.1333	38.15	32.96	-19.14	51.97	74.00	22.03	126	42	Vertical	
4	5149	27.11	32.96	-19.14	40.93	54.00	13.07	126	42	Vertical	

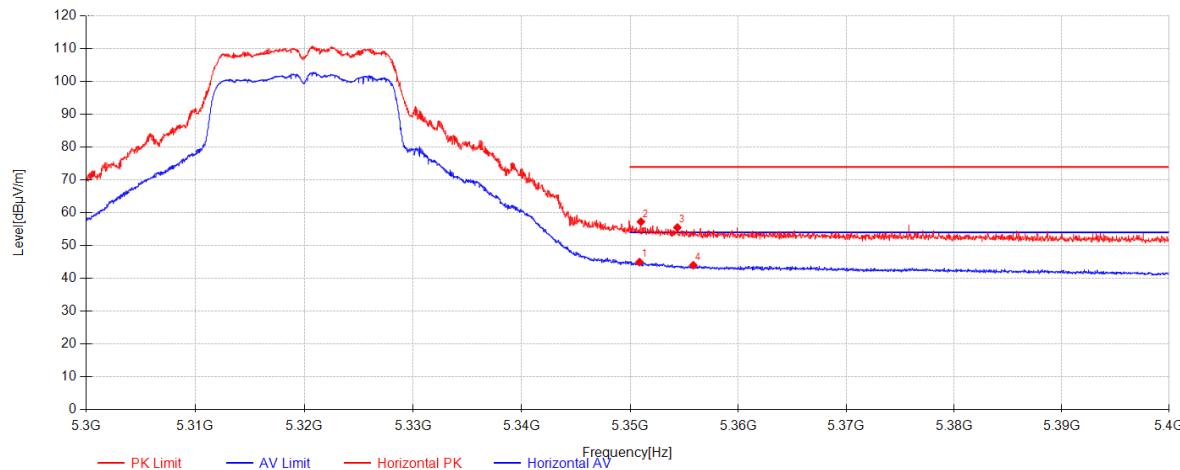
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802.11a_Channel 64 CDD



Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5350.8667	31.01	32.85	-18.90	44.95	54.00	9.05	213	126	Horizontal	
2	5351	43.31	32.85	-18.90	57.25	74.00	16.75	213	126	Horizontal	
3	5354.3667	41.56	32.84	-18.91	55.49	74.00	18.51	213	126	Horizontal	
4	5355.8333	30.07	32.84	-18.91	44.00	54.00	10.00	213	126	Horizontal	

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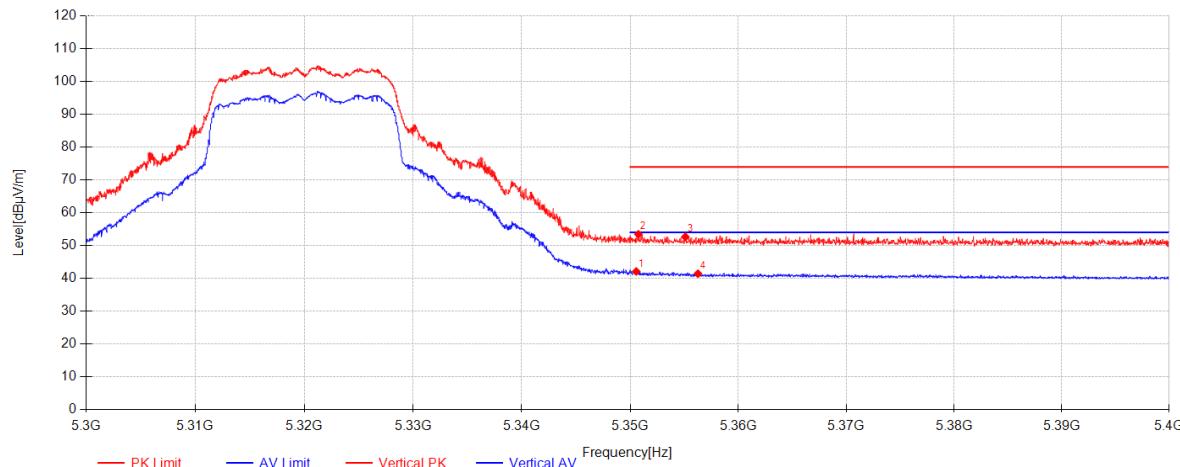
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802.11a_Channel 64 CDD



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	5350.5667	28.16	32.85	-18.90	42.11	54.00	11.89	196	142	Vertical	
2	5350.7667	39.52	32.85	-18.90	53.46	74.00	20.54	196	142	Vertical	
3	5355.1	38.72	32.84	-18.91	52.65	74.00	21.35	196	142	Vertical	
4	5356.2667	27.50	32.84	-18.92	41.43	54.00	12.57	196	142	Vertical	

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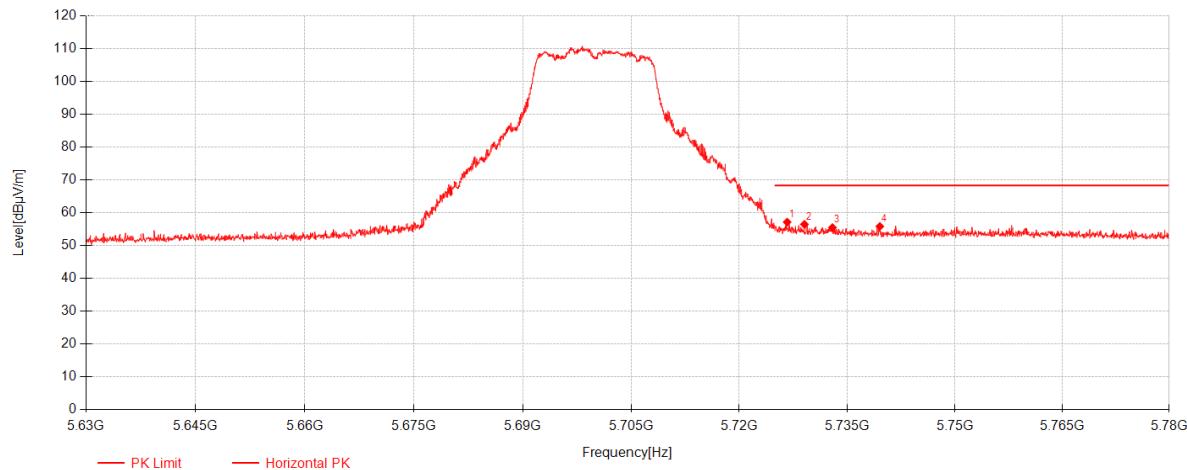


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802.11a_Channel 140 CDD



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	5726.65	42.49	33.48	-18.81	57.16	68.30	11.14	148	100	Horizontal	
2	5729.05	41.79	33.49	-18.82	56.46	68.30	11.84	148	100	Horizontal	
3	5732.95	40.79	33.51	-18.83	55.47	68.30	12.83	148	100	Horizontal	
4	5739.55	41.15	33.53	-18.85	55.83	68.30	12.47	148	100	Horizontal	

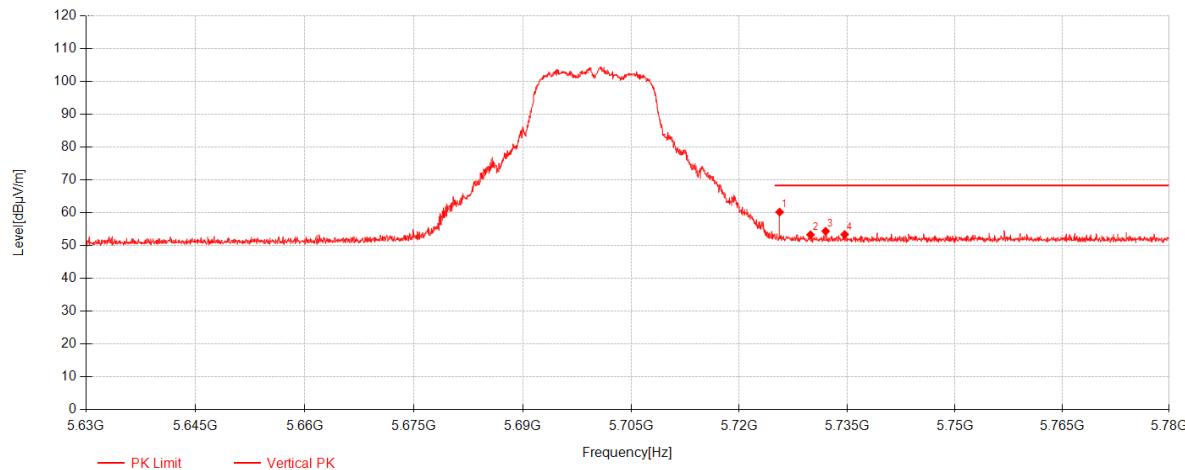
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802.11a_Channel 140 CDD

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	5725.6	45.54	33.48	-18.81	60.21	68.30	8.09	211	198	Vertical	
2	5729.9	38.62	33.49	-18.82	53.29	68.30	15.01	211	198	Vertical	
3	5732	39.71	33.50	-18.83	54.39	68.30	13.91	211	198	Vertical	
4	5734.65	38.70	33.51	-18.83	53.38	68.30	14.92	211	198	Vertical	

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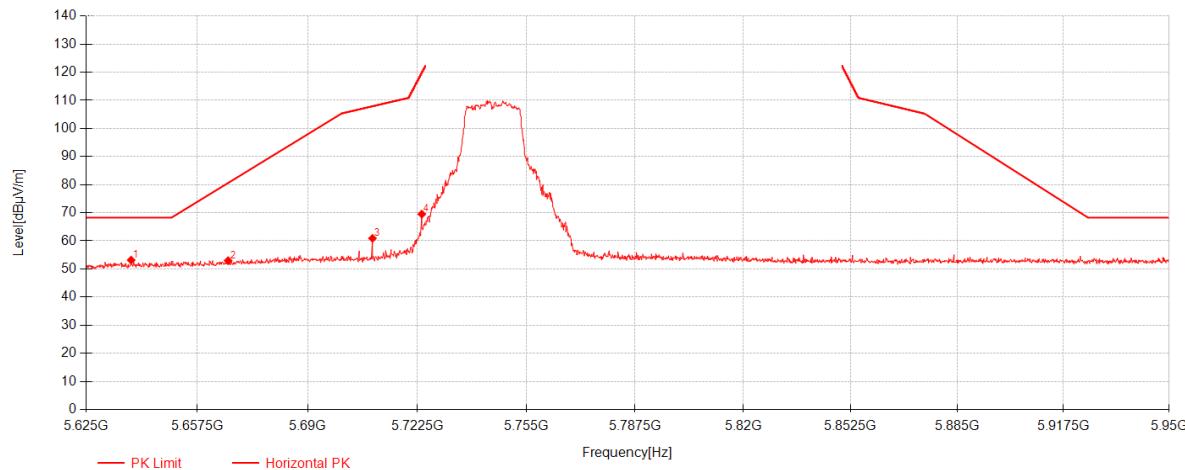


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802.11a_Channel 149 CDD



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	5638.1625	38.72	33.16	-18.72	53.16	68.30	15.14	215	98	Horizontal	
2	5666.6	38.42	33.26	-18.73	52.96	80.62	27.66	215	98	Horizontal	
3	5709.175	46.25	33.42	-18.76	60.91	107.87	46.96	215	98	Horizontal	
4	5723.8	54.86	33.47	-18.80	69.53	119.56	50.03	215	98	Horizontal	

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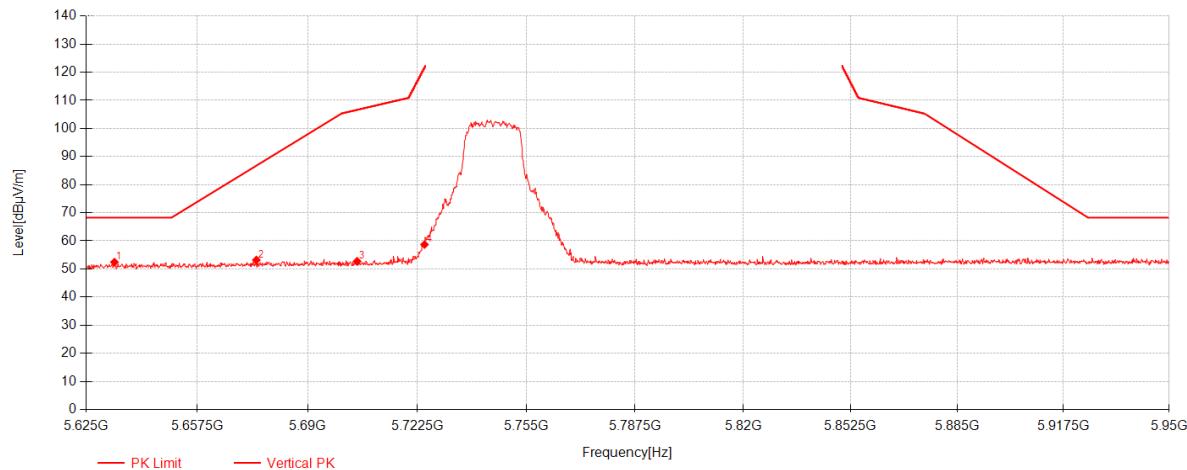
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802.11a_Channel 149 CDD

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	5633.2875	38.01	33.14	-18.72	52.43	68.30	15.87	269	184	Vertical	
2	5674.8875	38.62	33.29	-18.73	53.19	86.76	33.57	269	184	Vertical	
3	5704.625	38.07	33.40	-18.74	52.73	106.60	53.87	269	184	Vertical	
4	5724.6125	44.03	33.47	-18.80	58.70	121.42	62.72	269	184	Vertical	

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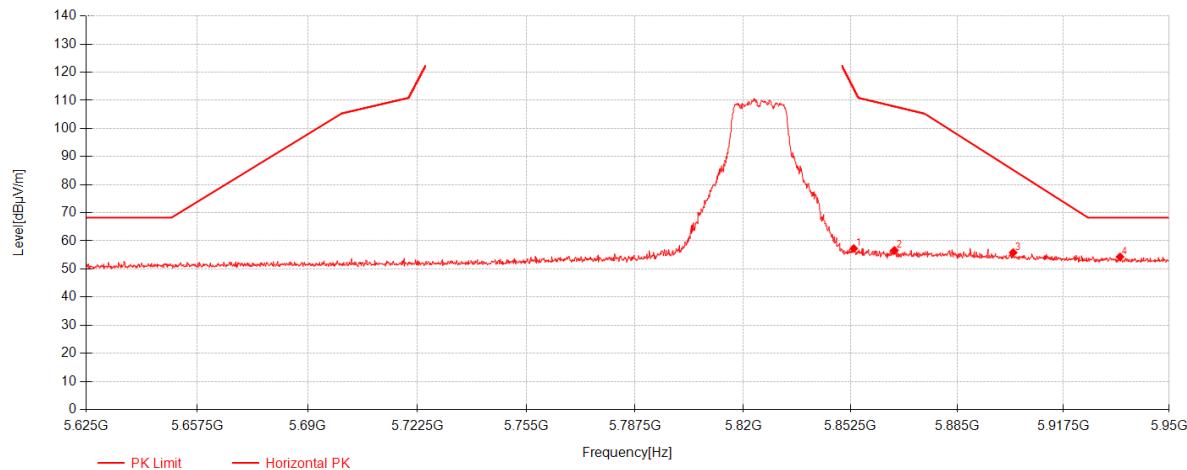


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802.11a_Channel 165 CDD

Data List											
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1	5853.475	42.30	33.85	-18.87	57.28	114.38	57.10	122	98	Horizontal	
2	5865.825	41.58	33.88	-18.84	56.62	107.87	51.25	122	98	Horizontal	
3	5902.0625	40.64	33.94	-18.74	55.84	85.23	29.39	122	98	Horizontal	
4	5934.8875	39.14	34.01	-18.81	54.33	68.30	13.97	122	98	Horizontal	

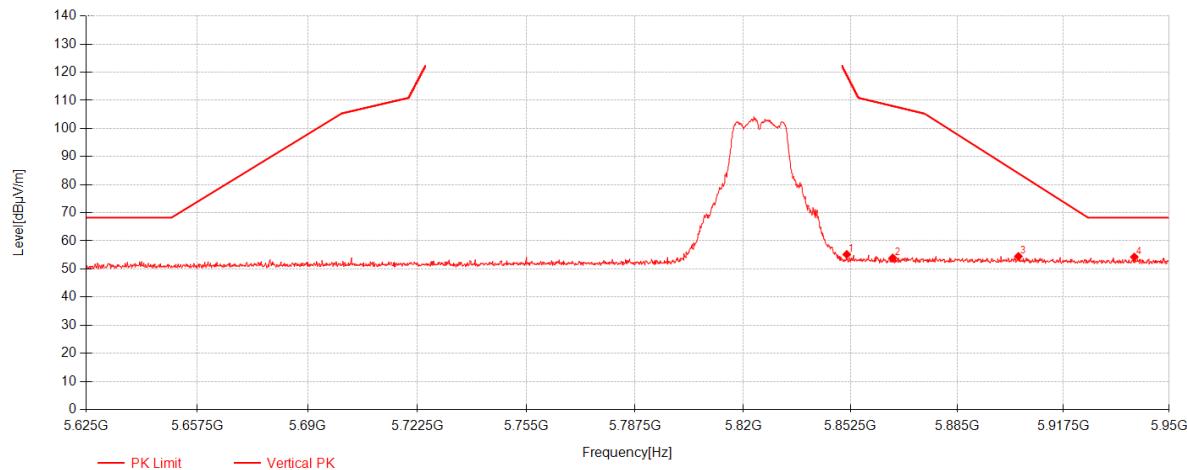
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802.11a_Channel 165 CDD

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	5851.3625	40.21	33.85	-18.88	55.18	119.19	64.01	254	193	Vertical	
2	5865.3375	38.92	33.87	-18.84	53.95	108.00	54.05	254	193	Vertical	
3	5903.6875	39.29	33.95	-18.75	54.49	84.03	29.54	254	193	Vertical	
4	5939.275	39.07	34.01	-18.82	54.26	68.30	14.04	254	193	Vertical	

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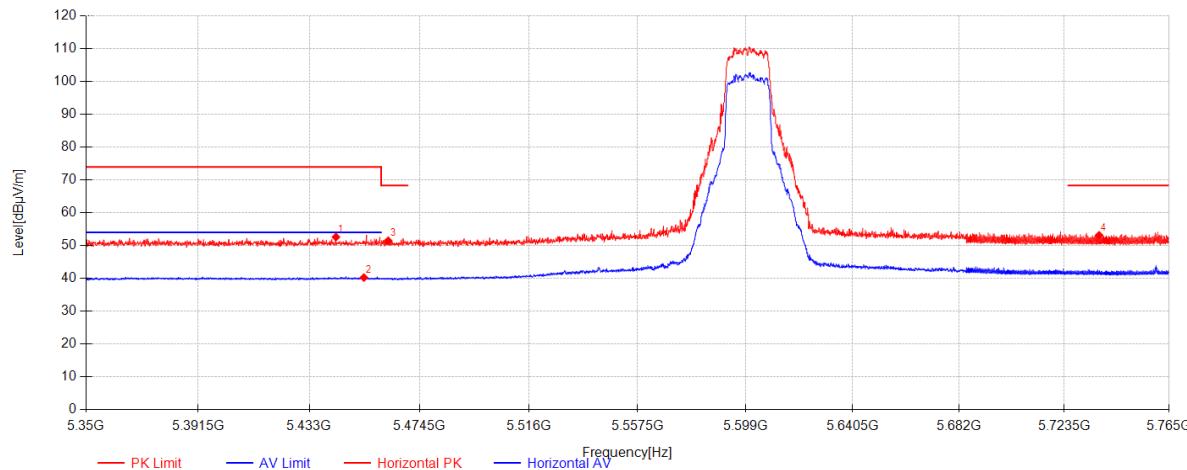


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802.11a_Channel 120 CDD



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	38.83	32.85	-19.09	52.59	74.00	21.41	258	23	Horizontal	
2	5453.515	26.49	32.86	-19.11	40.24	54.00	13.76	258	23	Horizontal	
3	5462.6717	37.71	32.87	-19.12	51.46	68.30	16.84	258	23	Horizontal	
4	5737.24	38.44	33.52	-18.84	53.12	68.30	15.18	258	23	Horizontal	

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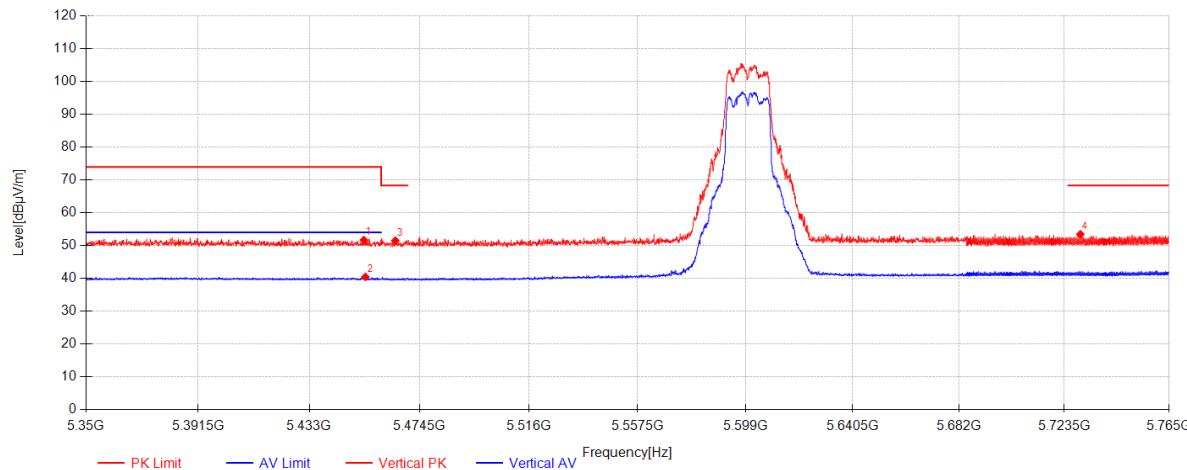


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802.11a_Channel 120 CDD



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	5453.515	37.94	32.86	-19.11	51.69	74.00	22.31	230	341	Vertical	
2	5454.0733	26.68	32.86	-19.11	40.43	54.00	13.57	230	341	Vertical	
3	5465.3517	37.73	32.87	-19.12	51.48	68.30	16.82	230	341	Vertical	
4	5729.83	38.76	33.49	-18.82	53.43	68.30	14.87	230	341	Vertical	

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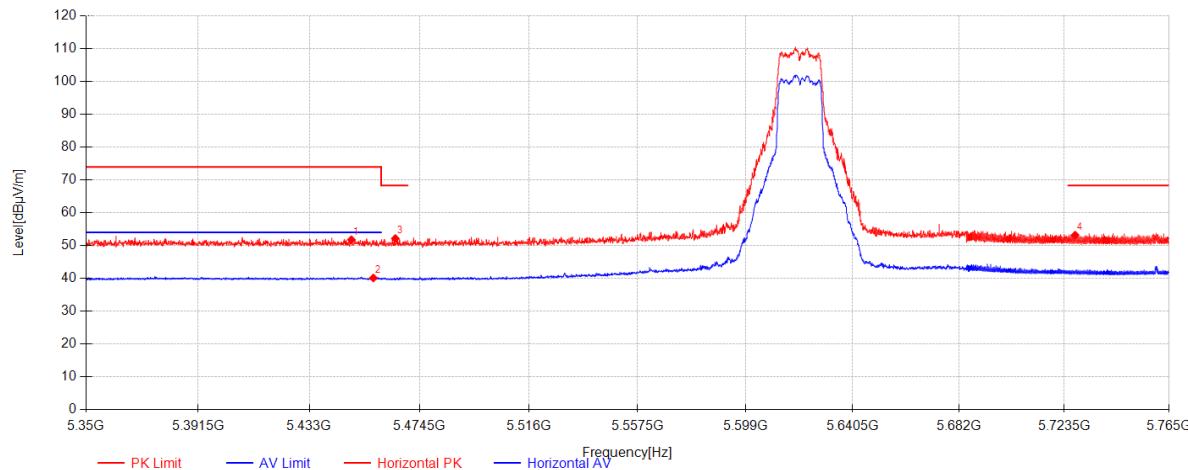
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Report No.: SEWM2207000133RG04
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802.11a_Channel 124 CDD



Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5448.825	38.02	32.85	-19.10	51.78	74.00	22.22	136	284	Horizontal	
2	5457.0883	26.36	32.86	-19.11	40.11	54.00	13.89	136	284	Horizontal	
3	5465.3517	38.40	32.87	-19.12	52.15	68.30	16.15	136	284	Horizontal	
4	5727.76	38.52	33.49	-18.81	53.19	68.30	15.11	136	284	Horizontal	

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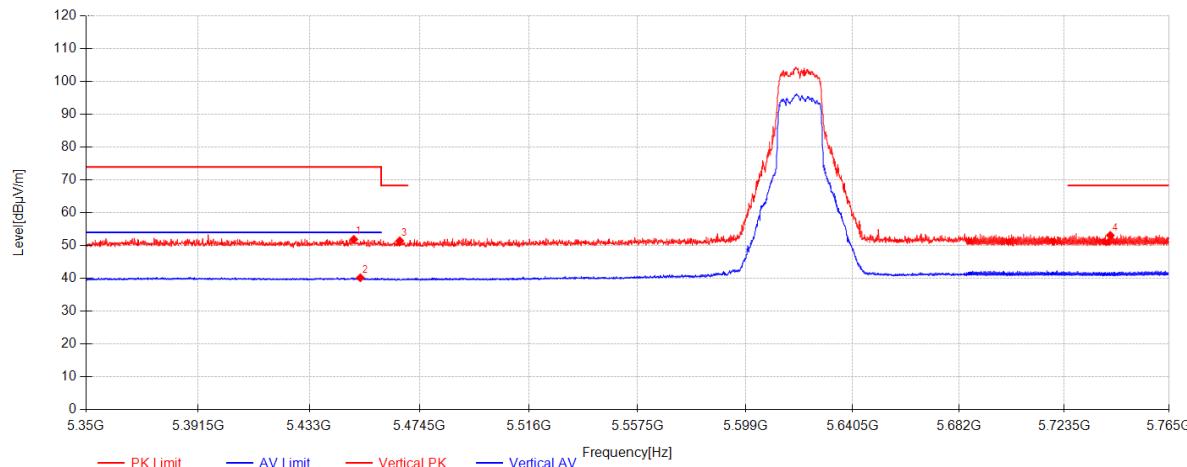
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802.11a_Channel 124 CDD

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	5449.7183	38.12	32.85	-19.10	51.88	74.00	22.12	254	171	Vertical	
2	5452.175	26.43	32.86	-19.10	40.18	54.00	13.82	254	171	Vertical	
3	5467.0267	37.72	32.87	-19.13	51.47	68.30	16.83	254	171	Vertical	
4	5741.68	38.45	33.54	-18.86	53.13	68.30	15.17	254	171	Vertical	

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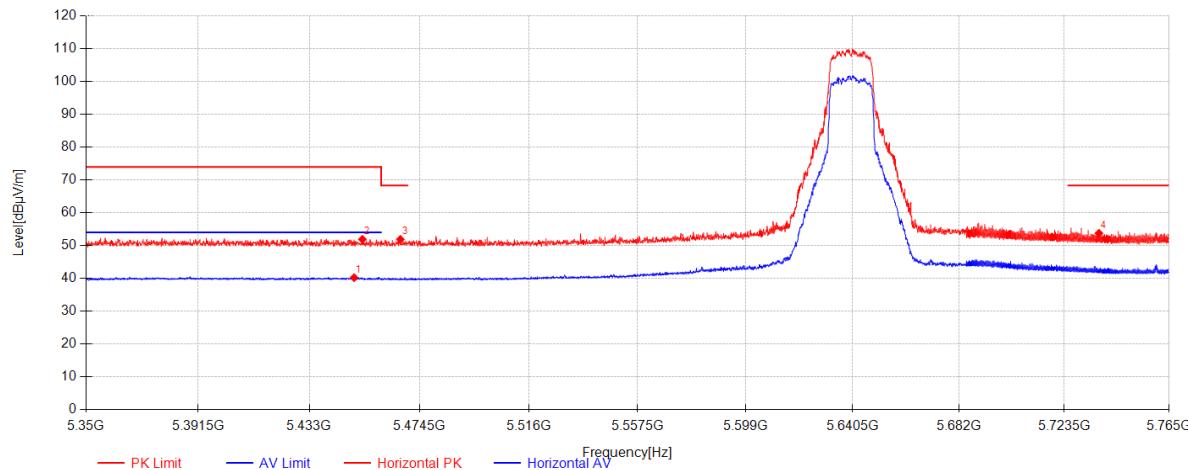


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Report No.: SEWM2207000133RG04
 Rev.: 01
 Page: 392 of 441

802.11a_Channel 128 CDD



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	5449.83	26.44	32.85	-19.10	40.20	54.00	13.80	155	92	Horizontal	
2	5452.9567	38.17	32.86	-19.10	51.92	74.00	22.08	155	92	Horizontal	
3	5467.25	38.15	32.87	-19.13	51.90	68.30	16.40	155	92	Horizontal	
4	5737.17	39.06	33.52	-18.84	53.74	68.30	14.56	155	92	Horizontal	

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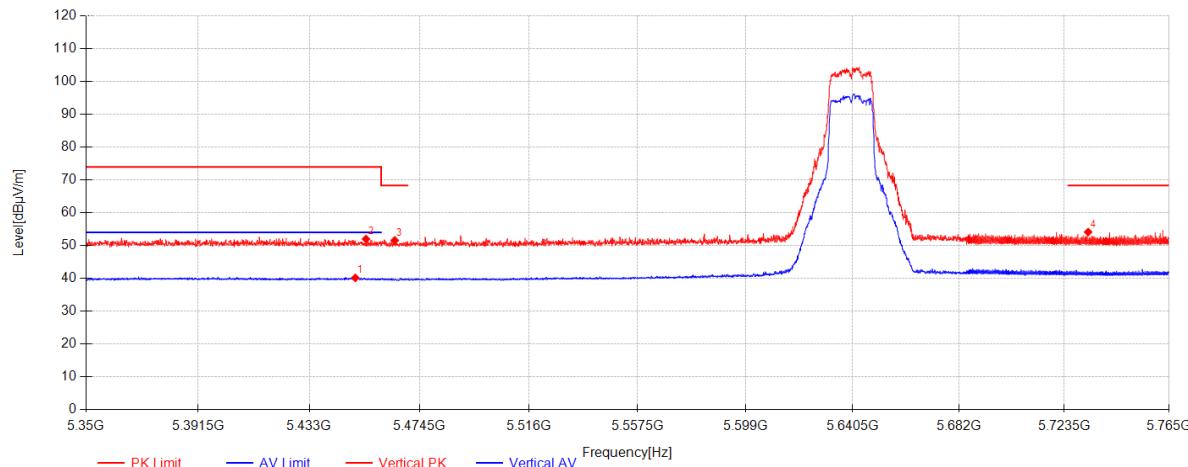


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802.11a_Channel 128 CDD



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	5450.2767	26.40	32.86	-19.10	40.15	54.00	13.85	144	206	Vertical	
2	5454.2967	38.24	32.86	-19.11	51.99	74.00	22.01	144	206	Vertical	
3	5465.1283	37.82	32.87	-19.12	51.57	68.30	16.73	144	206	Vertical	
4	5732.9	39.44	33.51	-18.83	54.12	68.30	14.18	144	206	Vertical	

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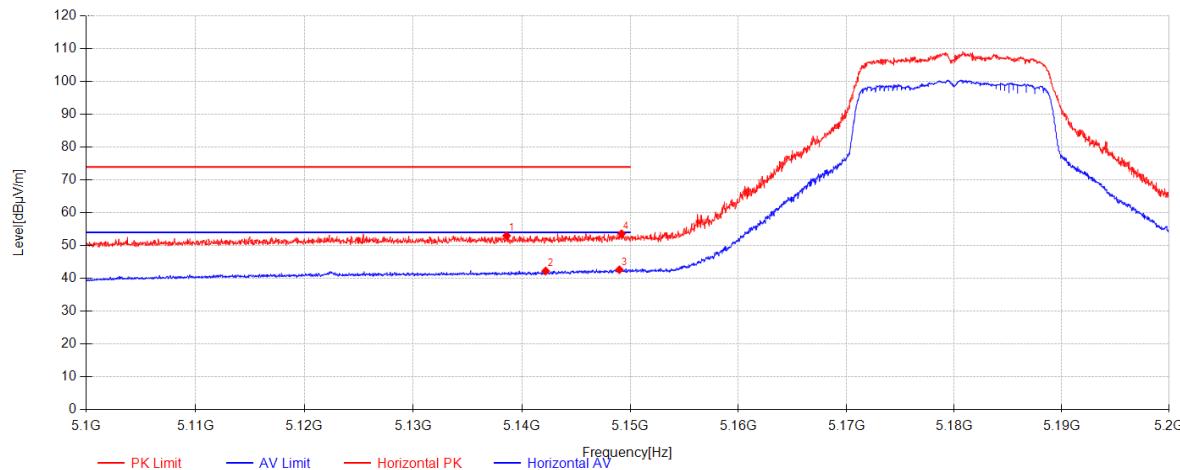


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802.11ac20_Channel 36 MIMO



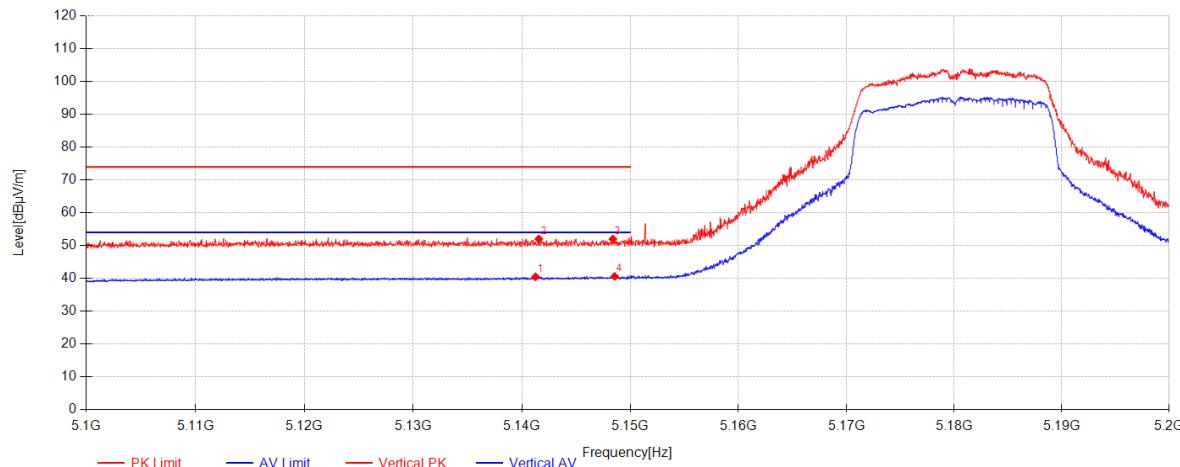
Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5138.6	39.20	32.96	-19.17	52.99	74.00	21.01	269	114	Horizontal	
2	5142.2	28.43	32.96	-19.16	42.23	54.00	11.77	269	114	Horizontal	
3	5149	28.80	32.96	-19.14	42.62	54.00	11.38	269	114	Horizontal	
4	5149.2	39.78	32.96	-19.14	53.60	74.00	20.40	269	144	Horizontal	

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802.11ac20_Channel 36 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	5141.2667	26.65	32.96	-19.16	40.45	54.00	13.55	256	134	Vertical	
2	5141.5667	38.21	32.96	-19.16	52.01	74.00	21.99	256	134	Vertical	
3	5148.4	38.17	32.96	-19.14	51.99	74.00	22.01	256	134	Vertical	
4	5148.5667	26.78	32.96	-19.14	40.60	54.00	13.40	256	134	Vertical	

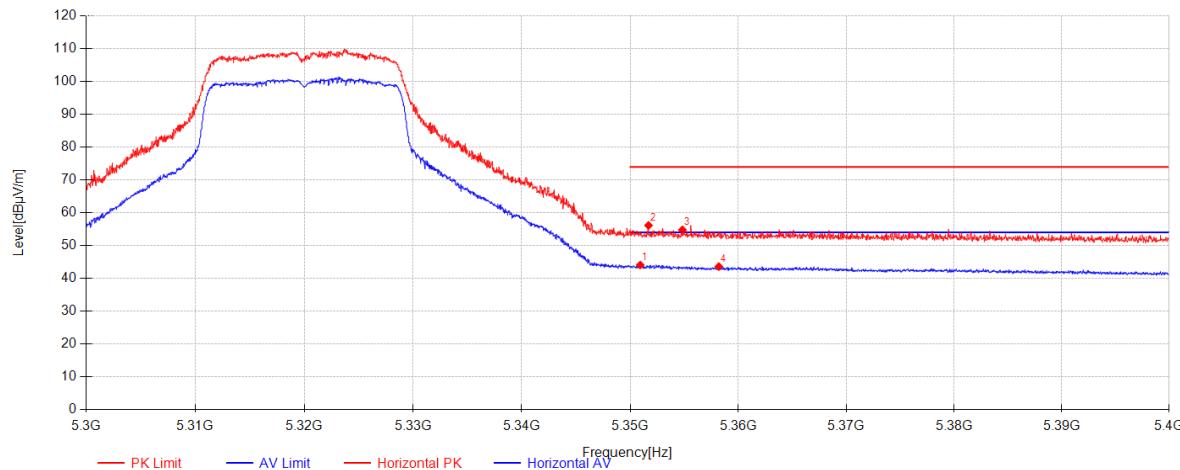
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802.11ac20_Channel 64 MIMO

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	5350.9333	30.13	32.85	-18.90	44.07	54.00	9.93	211	112	Horizontal	
2	5351.7	42.21	32.85	-18.90	56.15	74.00	17.85	211	112	Horizontal	
3	5354.8333	40.86	32.84	-18.91	54.79	74.00	19.21	211	112	Horizontal	
4	5358.2	29.67	32.84	-18.92	43.59	54.00	10.41	211	112	Horizontal	

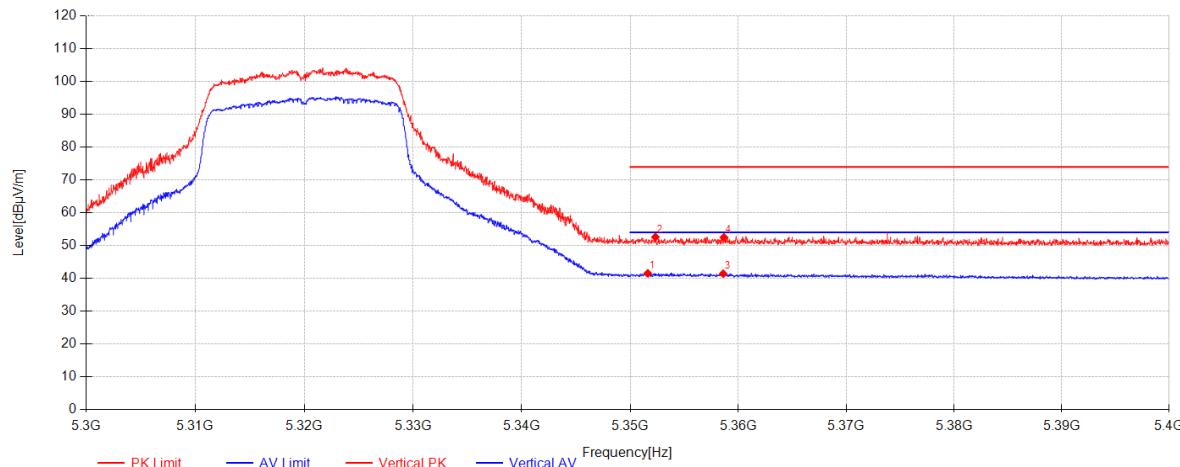
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802.11ac20_Channel 64 MIMO

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	5351.6333	27.59	32.85	-18.90	41.53	54.00	12.47	263	340	Vertical	
2	5352.3333	38.65	32.85	-18.91	52.59	74.00	21.41	263	340	Vertical	
3	5358.6	27.50	32.84	-18.92	41.42	54.00	12.58	263	340	Vertical	
4	5358.6667	38.59	32.84	-18.92	52.51	74.00	21.49	263	340	Vertical	

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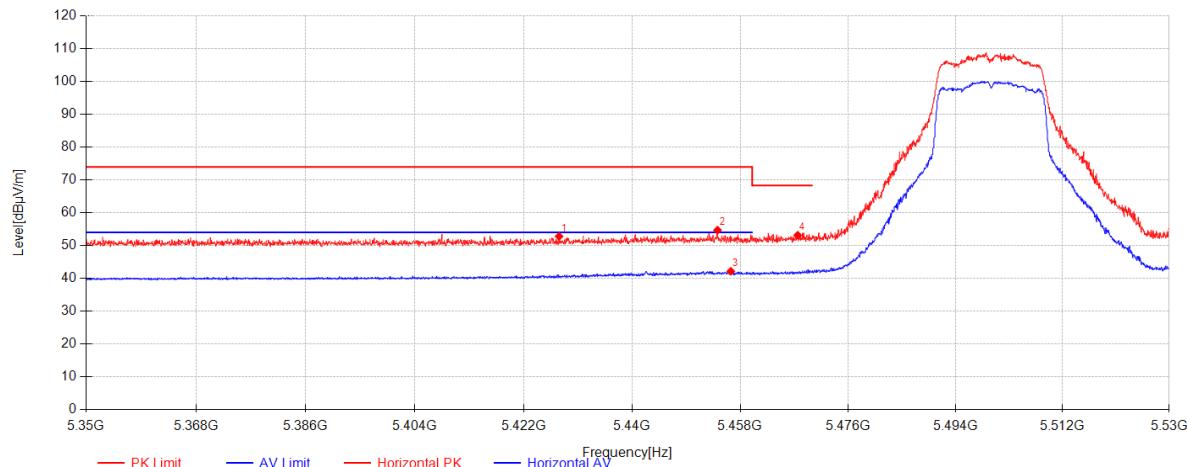
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802.11ac20_Channel 100 MIMO



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	5427.88	39.04	32.83	-19.06	52.81	74.00	21.19	174	80	Horizontal	
2	5454.22	40.95	32.86	-19.11	54.70	74.00	19.30	174	80	Horizontal	
3	5456.44	28.40	32.86	-19.11	42.15	54.00	11.85	174	80	Horizontal	
4	5467.6	39.41	32.87	-19.13	53.16	68.30	15.14	174	80	Horizontal	

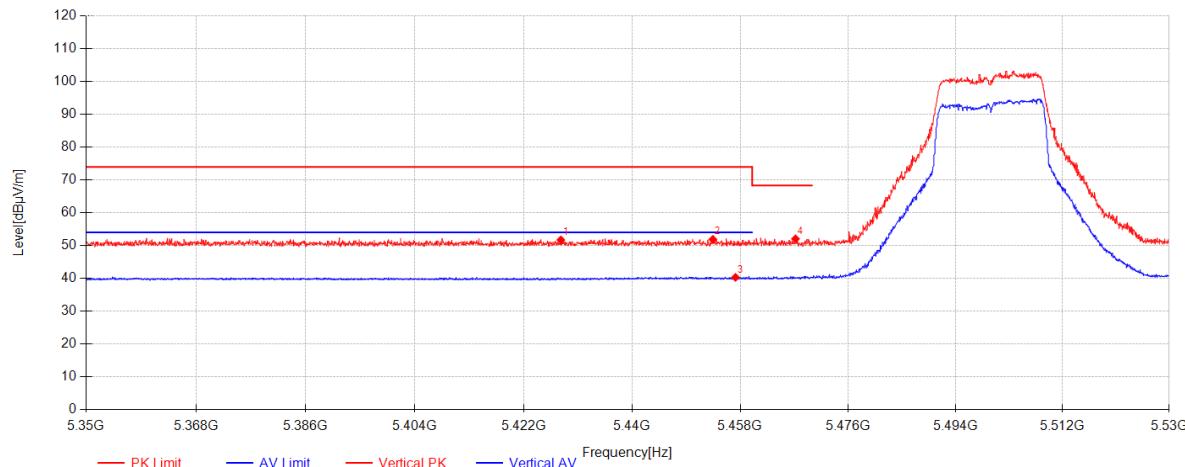
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5428.18	37.94	32.83	-19.07	51.71	74.00	22.29	210	337	Vertical	
2	5453.44	38.13	32.86	-19.11	51.88	74.00	22.12	210	337	Vertical	
3	5457.22	26.55	32.86	-19.11	40.30	54.00	13.70	210	337	Vertical	
4	5467.24	38.29	32.87	-19.13	52.04	68.30	16.26	210	337	Vertical	

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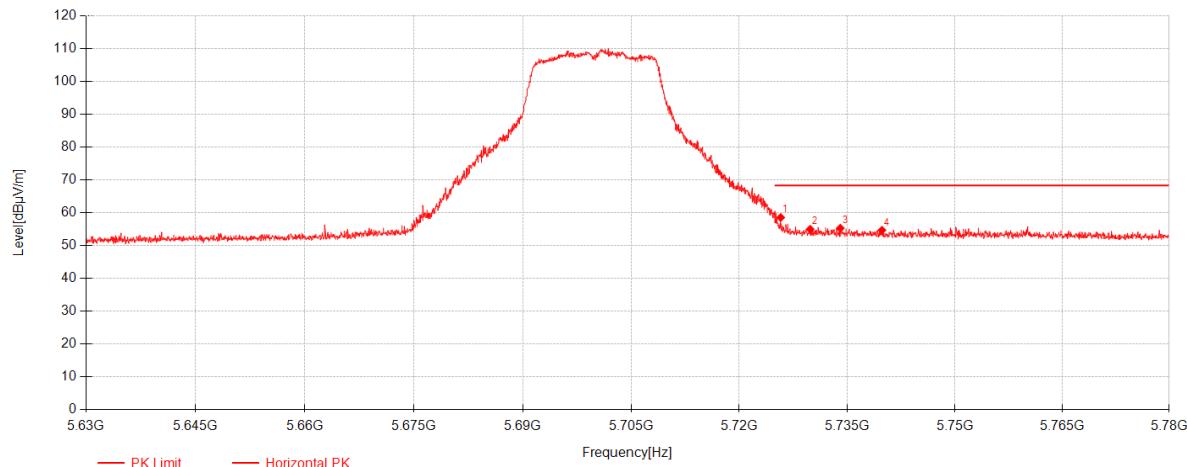


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 Rev.: 01
 Page: 400 of 441

802.11ac20_Channel 140 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	5725.75	43.89	33.48	-18.81	58.56	68.30	9.74	236	144	Horizontal	
2	5729.85	40.30	33.49	-18.82	54.97	68.30	13.33	236	144	Horizontal	
3	5734.05	40.62	33.51	-18.83	55.30	68.30	13.00	236	144	Horizontal	
4	5739.85	40.00	33.53	-18.85	54.68	68.30	13.62	236	144	Horizontal	

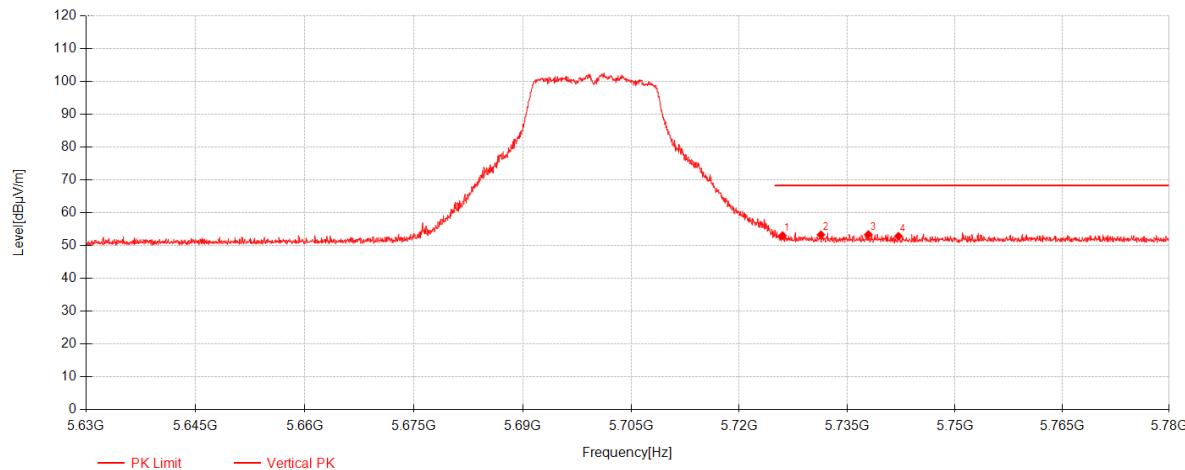
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802.11ac20_Channel 140 MIMO

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	5726	38.38	33.48	-18.81	53.05	68.30	15.25	228	180	Vertical	
2	5731.35	38.61	33.50	-18.82	53.29	68.30	15.01	228	180	Vertical	
3	5737.95	38.67	33.52	-18.84	53.35	68.30	14.95	228	180	Vertical	
4	5742.15	38.17	33.54	-18.86	52.85	68.30	15.45	228	180	Vertical	

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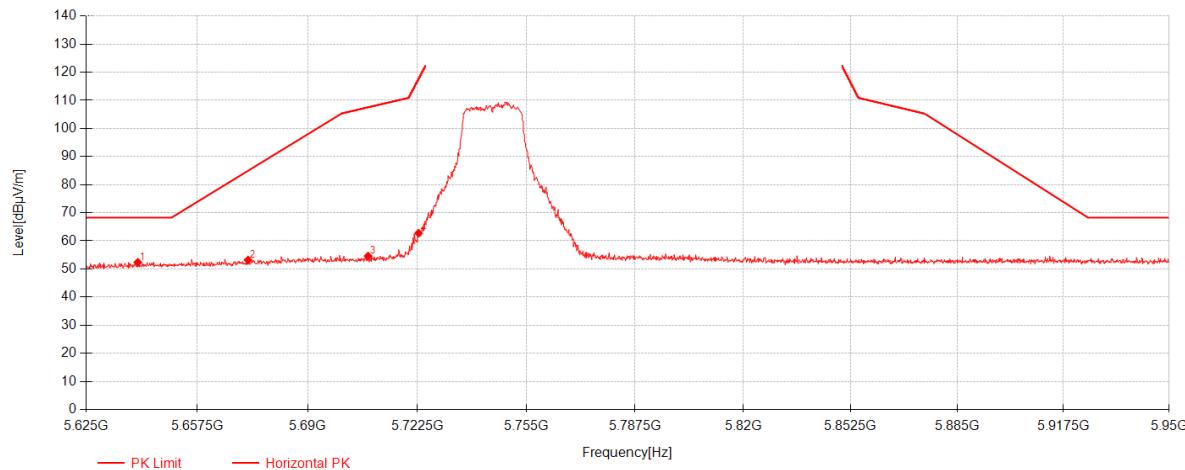


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Report No.: SEWM2207000133RG04
Rev.: 01
Page: 402 of 441

802.11ac20_Channel 149 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	5640.1125	37.93	33.17	-18.72	52.37	68.30	15.93	111	232	Horizontal	
2	5672.45	38.64	33.28	-18.73	53.20	84.95	31.75	111	232	Horizontal	
3	5707.875	39.91	33.41	-18.75	54.57	107.51	52.94	111	232	Horizontal	
4	5722.825	48.06	33.47	-18.80	62.73	117.34	54.61	111	232	Horizontal	

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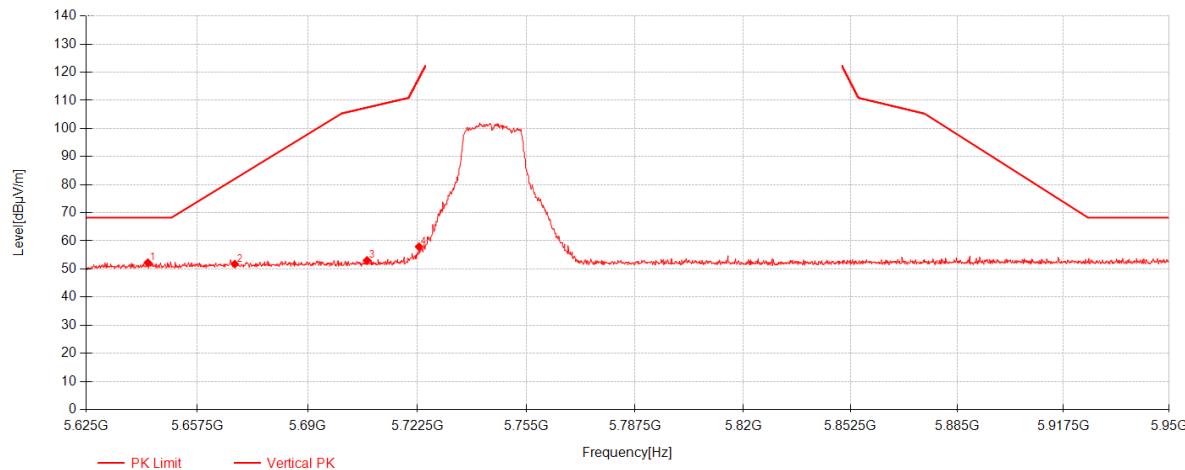
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5643.0375	37.78	33.18	-18.72	52.23	68.30	16.07	191	66	Vertical	
2	5668.55	37.19	33.27	-18.73	51.73	82.07	30.34	191	66	Vertical	
3	5707.55	38.39	33.41	-18.75	53.05	107.42	54.37	191	66	Vertical	
4	5722.9875	43.26	33.47	-18.80	57.93	117.71	59.78	191	66	Vertical	

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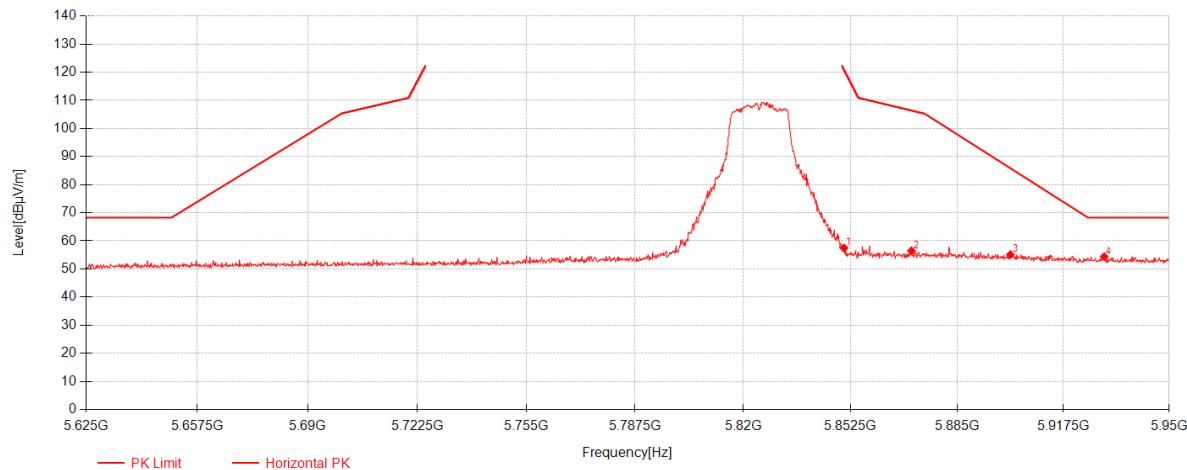
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5850.55	42.55	33.85	-18.88	57.51	121.05	63.54	251	98	Horizontal	
2	5871.025	41.40	33.88	-18.82	56.46	106.41	49.95	251	98	Horizontal	
3	5901.25	39.94	33.94	-18.74	55.14	85.84	30.70	251	98	Horizontal	
4	5930.0125	39.21	34.00	-18.80	54.40	68.30	13.90	251	98	Horizontal	

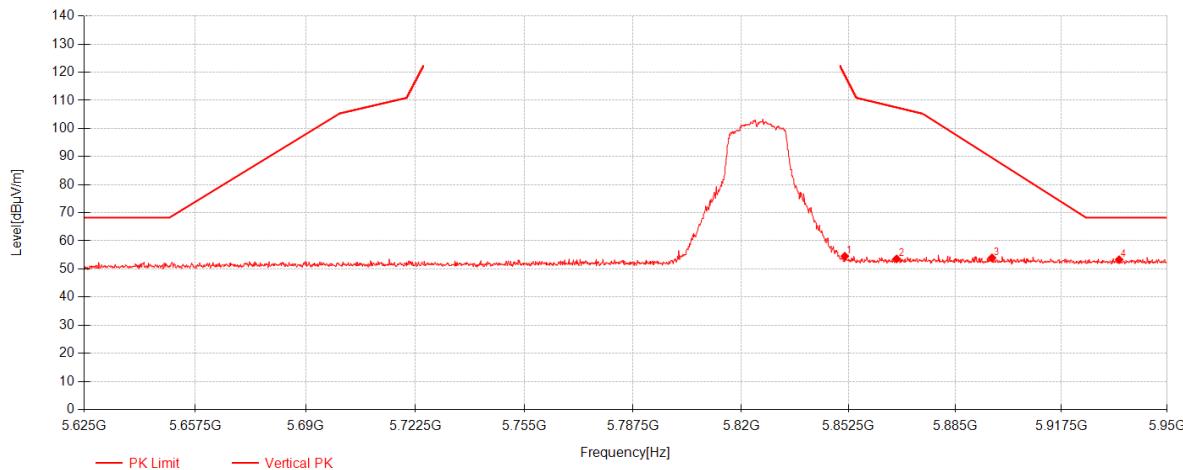
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5851.3625	39.55	33.85	-18.88	54.52	119.19	64.67	246	191	Vertical	
2	5867.125	38.54	33.88	-18.84	53.58	107.50	53.92	246	191	Vertical	
3	5896.2125	38.79	33.93	-18.75	53.97	89.56	35.59	246	191	Vertical	
4	5935.2125	38.12	34.01	-18.81	53.31	68.30	14.99	246	191	Vertical	

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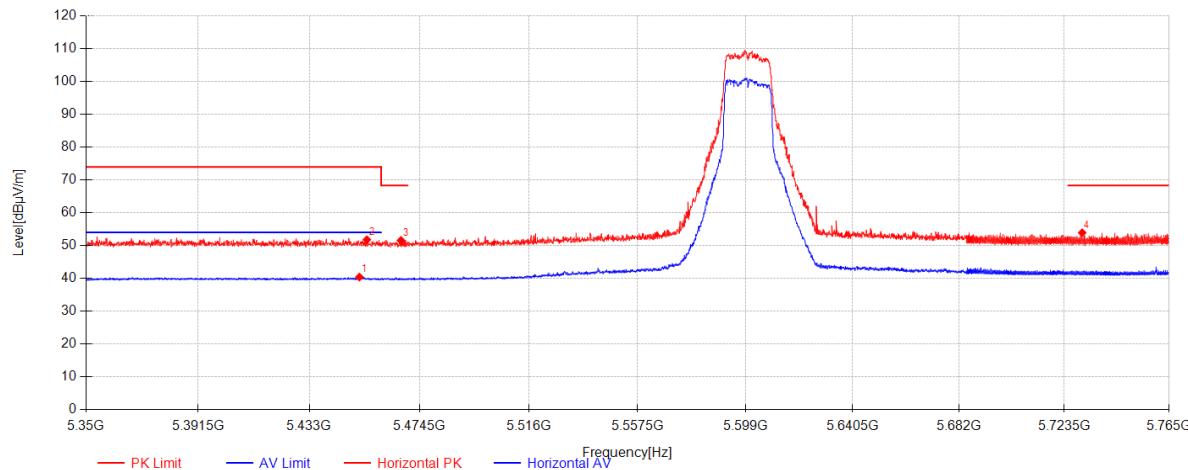


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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2207000133RG04
 Rev.: 01
 Page: 406 of 441

802.11ac20_Channel 120 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	5451.84	26.63	32.86	-19.10	40.38	54.00	13.62	152	3	Horizontal	
2	5454.6317	38.04	32.86	-19.11	51.79	74.00	22.21	152	3	Horizontal	
3	5467.4733	37.81	32.87	-19.13	51.56	68.30	16.74	152	3	Horizontal	
4	5730.55	39.25	33.50	-18.82	53.92	68.30	14.38	152	3	Horizontal	

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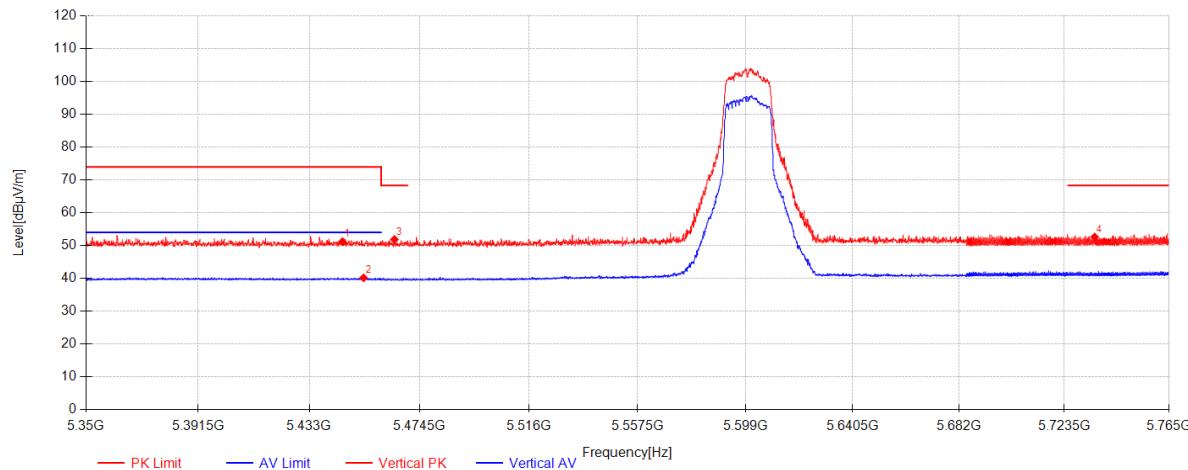
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802.11ac20_Channel 120 MIMO

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	5445.475	37.44	32.85	-19.09	51.20	74.00	22.80	251	330	Vertical	
2	5453.4033	26.39	32.86	-19.11	40.14	54.00	13.86	251	330	Vertical	
3	5465.0167	38.11	32.87	-19.12	51.86	68.30	16.44	251	330	Vertical	
4	5735.49	37.92	33.51	-18.84	52.60	68.30	15.70	251	330	Vertical	

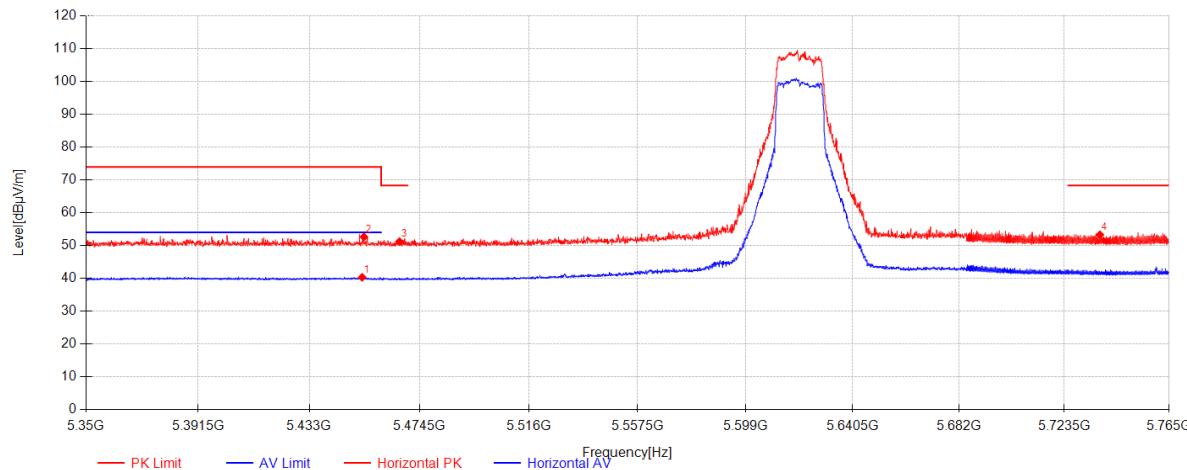
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802.11ac20_Channel 124 MIMO

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	5452.845	26.56	32.86	-19.10	40.31	54.00	13.69	130	126	Horizontal	
2	5453.515	38.89	32.86	-19.11	52.64	74.00	21.36	130	126	Horizontal	
3	5466.915	37.46	32.87	-19.13	51.21	68.30	17.09	130	126	Horizontal	
4	5737.56	38.62	33.52	-18.84	53.30	68.30	15.00	130	126	Horizontal	

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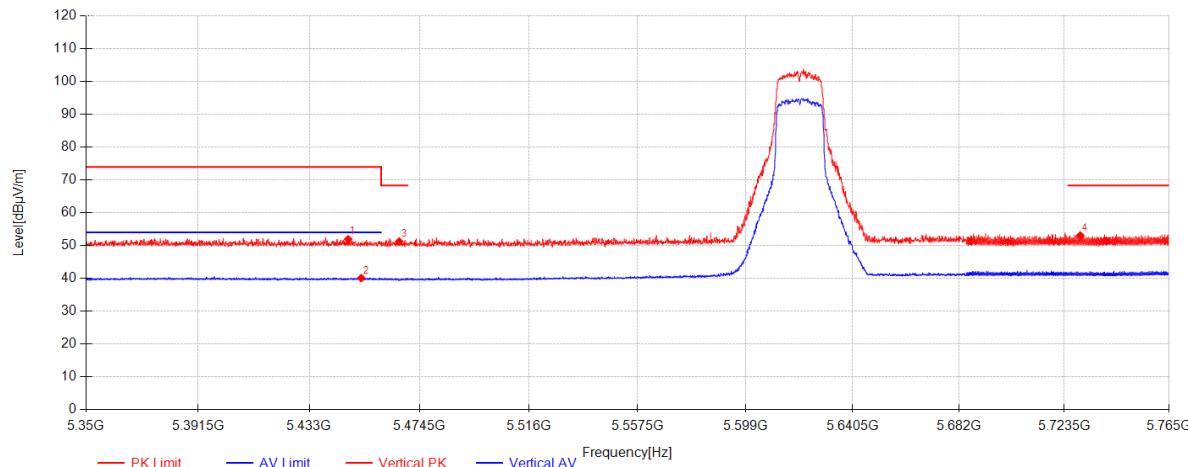


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802.11ac20_Channel 124 MIMO



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	5447.5967	38.16	32.85	-19.10	51.92	74.00	22.08	285	47	Vertical	
2	5452.51	26.32	32.86	-19.10	40.07	54.00	13.93	285	47	Vertical	
3	5466.8033	37.46	32.87	-19.13	51.21	68.30	17.09	285	47	Vertical	
4	5729.77	38.38	33.49	-18.82	53.05	68.30	15.25	285	47	Vertical	

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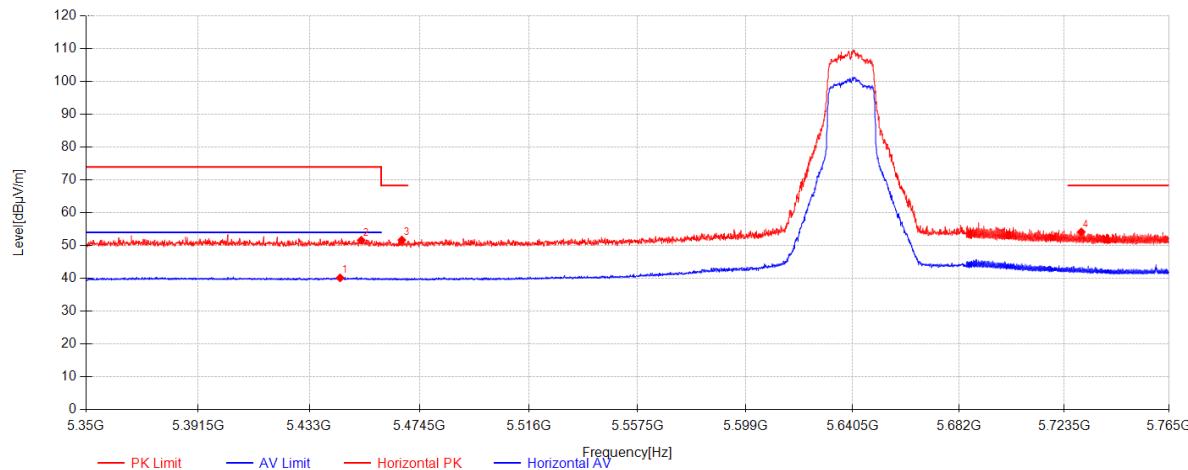
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Report No.: SEWM2207000133RG04
 Rev.: 01
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802.11ac20_Channel 128 MIMO



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	26.39	32.85	-19.09	40.15	54.00	13.85	211	147	Horizontal	
2	5452.51	37.86	32.86	-19.10	51.61	74.00	22.39	211	147	Horizontal	
3	5467.8083	37.94	32.87	-19.13	51.69	68.30	16.61	211	147	Horizontal	
4	5730.21	39.48	33.50	-18.82	54.15	68.30	14.15	211	147	Horizontal	

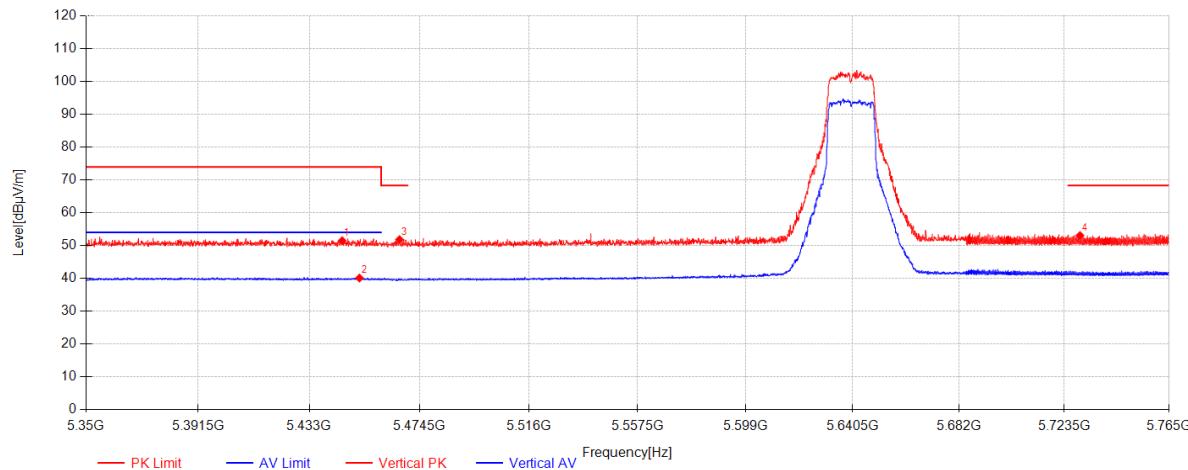
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5445.3633	37.74	32.85	-19.09	51.50	74.00	22.50	233	148	Vertical	
2	5451.84	26.35	32.86	-19.10	40.10	54.00	13.90	233	148	Vertical	
3	5466.915	38.07	32.87	-19.13	51.82	68.30	16.48	233	148	Vertical	
4	5729.67	38.41	33.49	-18.82	53.08	68.30	15.22	233	148	Vertical	

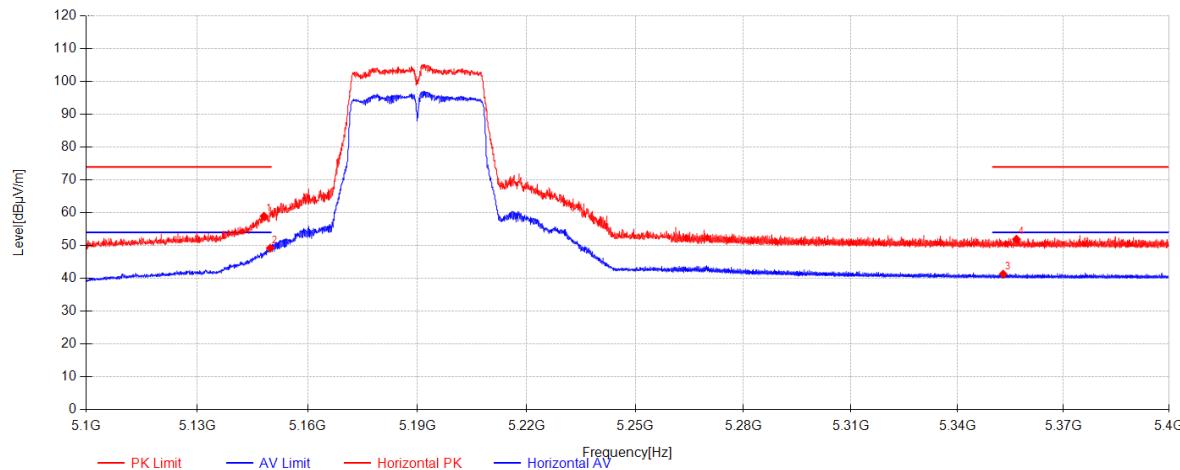
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802.11ac40_Channel 38 MIMO

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	5148.1067	45.13	32.96	-19.14	58.95	74.00	15.05	213	115	Horizontal	
2	5149.8133	35.39	32.96	-19.14	49.21	54.00	4.79	213	115	Horizontal	
3	5352.925	27.36	32.84	-18.91	41.30	54.00	12.70	213	115	Horizontal	
4	5356.67	38.01	32.84	-18.92	51.94	74.00	22.06	213	115	Horizontal	

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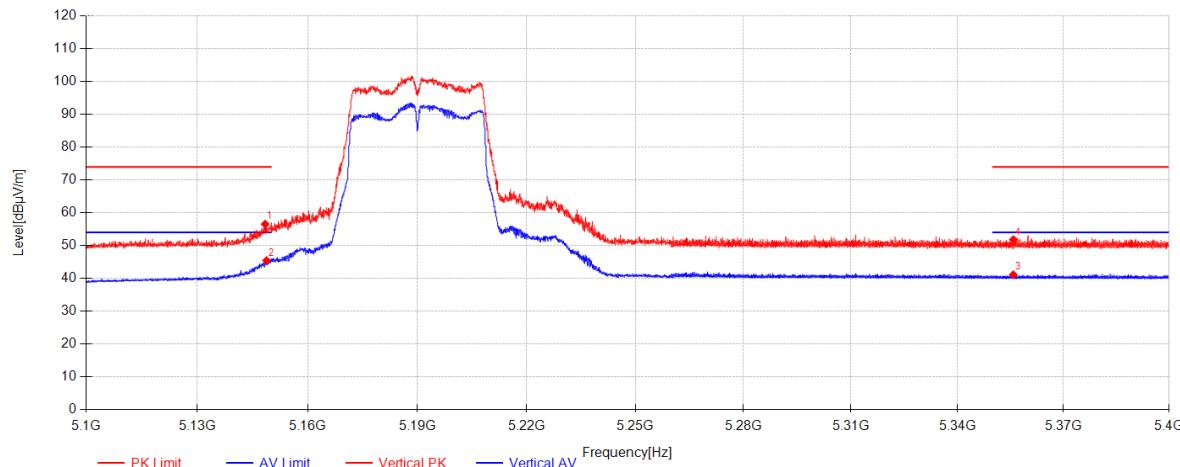
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802.11ac40_Channel 38 MIMO



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	5148.4267	42.73	32.96	-19.14	56.55	74.00	17.45	219	347	Vertical	
2	5148.8	31.62	32.96	-19.14	45.44	54.00	8.56	219	347	Vertical	
3	5355.7775	27.18	32.84	-18.91	41.11	54.00	12.89	219	347	Vertical	
4	5355.8125	37.89	32.84	-18.91	51.82	74.00	22.18	219	347	Vertical	

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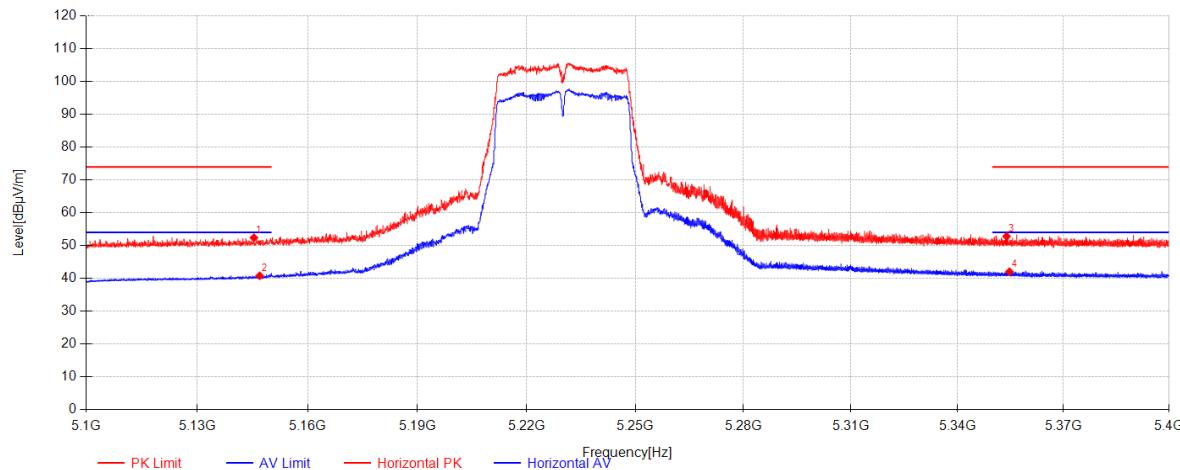
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802.11ac40_Channel 46 MIMO



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	5145.3867	38.57	32.96	-19.15	52.38	74.00	21.62	266	112	Horizontal	
2	5146.9333	26.97	32.96	-19.15	40.78	54.00	13.22	266	112	Horizontal	
3	5353.8875	38.88	32.84	-18.91	52.81	74.00	21.19	266	112	Horizontal	
4	5354.6925	28.09	32.84	-18.91	42.02	54.00	11.98	266	112	Horizontal	

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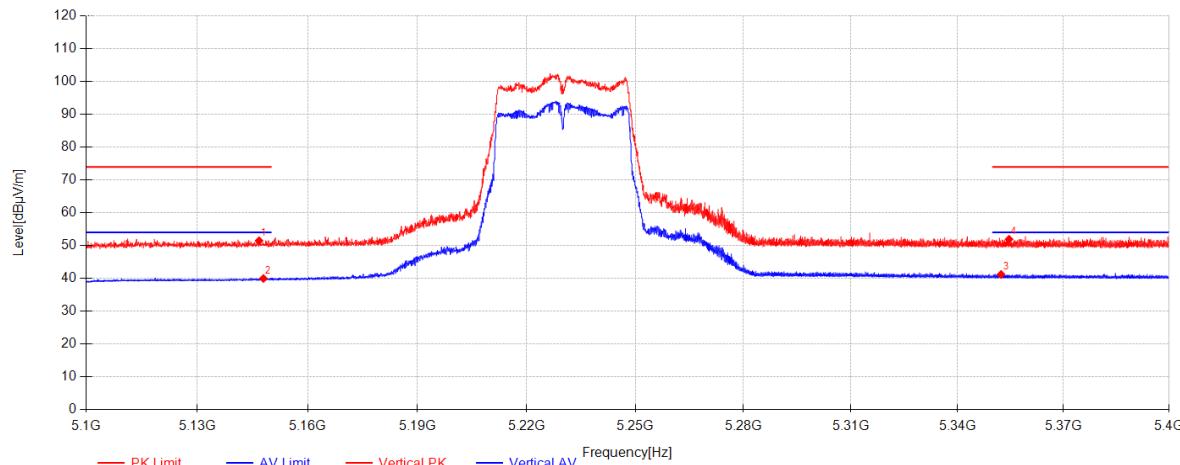
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802.11ac40_Channel 46 MIMO

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	5146.7733	37.67	32.96	-19.15	51.48	74.00	22.52	263	12	Vertical	
2	5147.9467	26.13	32.96	-19.14	39.95	54.00	14.05	263	12	Vertical	
3	5352.33	27.25	32.85	-18.91	41.19	54.00	12.81	263	12	Vertical	
4	5354.5875	37.98	32.84	-18.91	51.91	74.00	22.09	263	12	Vertical	

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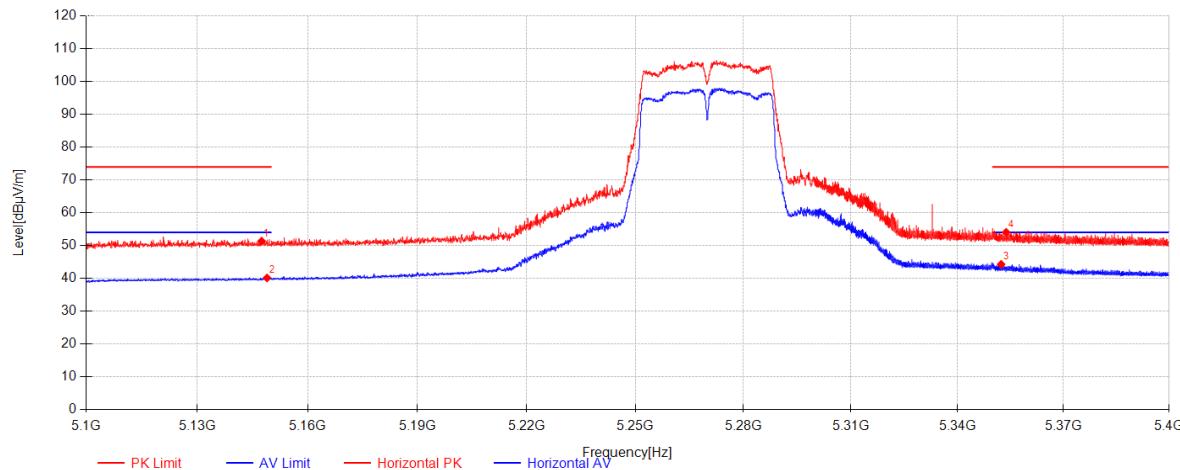


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802.11ac40_Channel 54 MIMO



Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5147.4667	37.52	32.96	-19.15	51.34	74.00	22.66	211	182	Horizontal	
2	5148.9333	26.31	32.96	-19.14	40.13	54.00	13.87	211	182	Horizontal	
3	5352.35	30.34	32.85	-18.91	44.28	54.00	9.72	211	182	Horizontal	
4	5353.775	40.13	32.84	-18.91	54.06	74.00	19.94	211	182	Horizontal	

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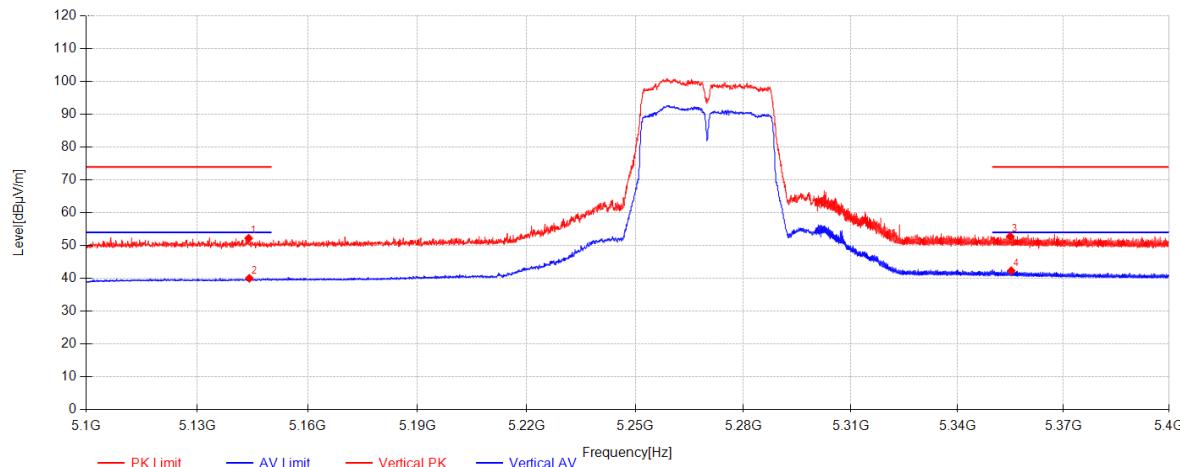
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Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5143.9333	38.42	32.96	-19.15	52.22	74.00	21.78	237	359	Vertical	
2	5144.1333	26.20	32.96	-19.15	40.01	54.00	13.99	237	359	Vertical	
3	5354.9125	38.86	32.84	-18.91	52.79	74.00	21.21	237	359	Vertical	
4	5355.2	28.40	32.84	-18.91	42.33	54.00	11.67	237	359	Vertical	

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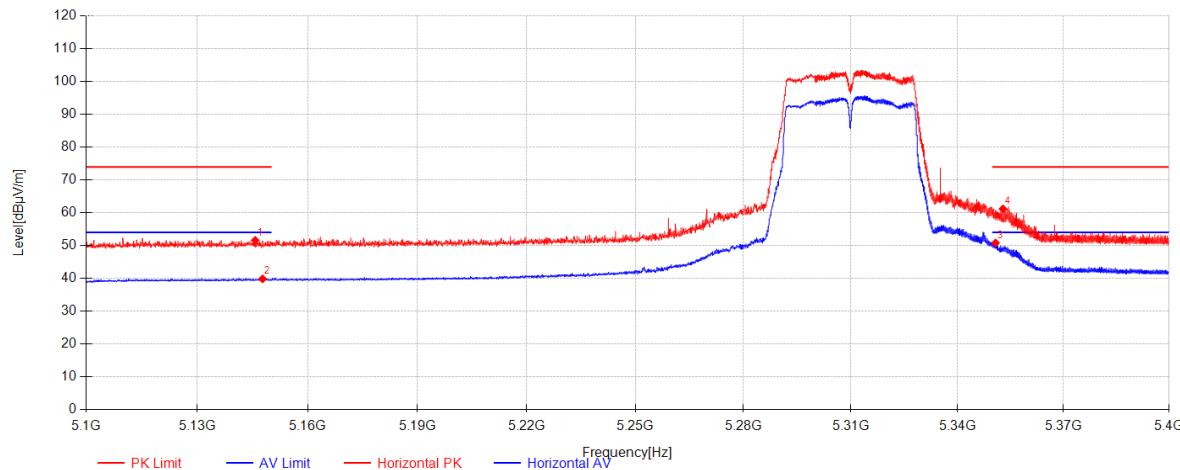


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802.11ac40_Channel 62 MIMO



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	37.77	32.96	-19.15	51.58	74.00	22.42	284	318	Horizontal	
2	5147.7333	26.02	32.96	-19.15	39.84	54.00	14.16	284	318	Horizontal	
3	5350.7625	36.87	32.85	-18.90	50.81	54.00	3.19	284	318	Horizontal	
4	5352.85	47.24	32.84	-18.91	61.18	74.00	12.82	284	318	Horizontal	

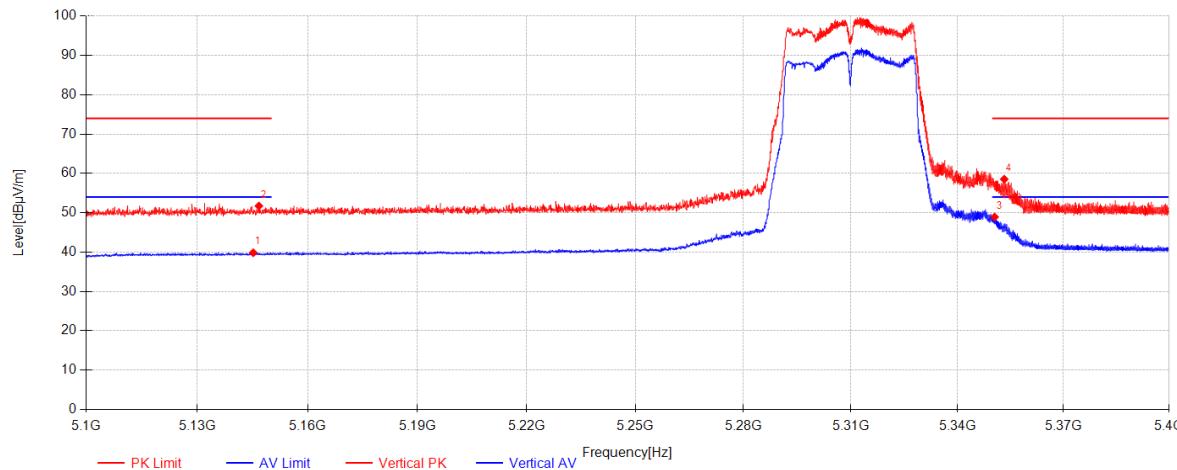
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802.11ac40_Channel 62 MIMO

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	5145.2	26.03	32.96	-19.15	39.84	54.00	14.16	254	114	Vertical	
2	5146.7333	37.92	32.96	-19.15	51.73	74.00	22.27	254	114	Vertical	
3	5350.5	34.97	32.85	-18.90	48.92	54.00	5.08	254	114	Vertical	
4	5353.225	44.60	32.84	-18.91	58.54	74.00	15.46	254	114	Vertical	

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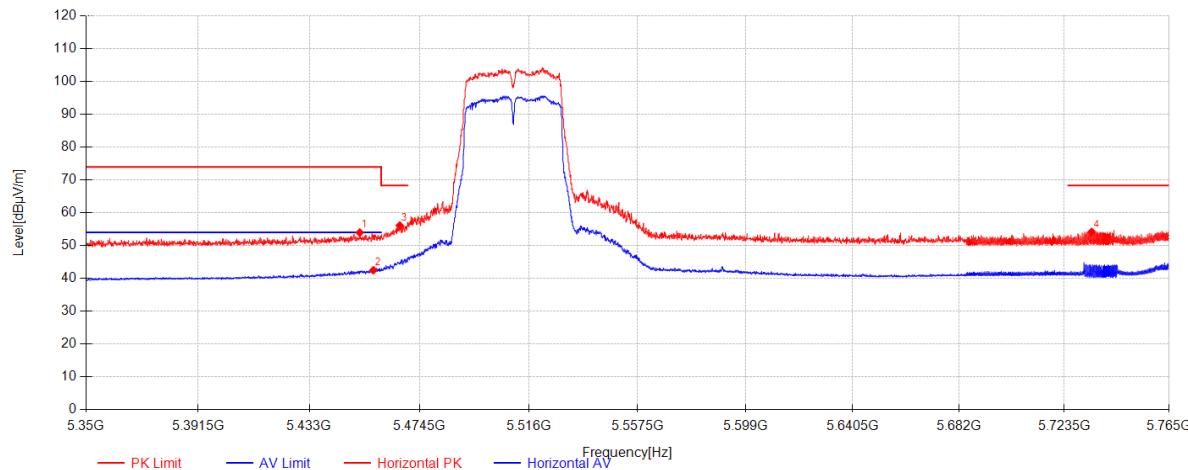


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802.11ac40_Channel 102 MIMO



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	5451.9517	40.21	32.86	-19.10	53.96	74.00	20.04	211	296	Horizontal	
2	5457.0883	28.73	32.86	-19.11	42.48	54.00	11.52	211	296	Horizontal	
3	5467.0267	42.37	32.87	-19.13	56.12	68.30	12.18	211	296	Horizontal	
4	5734.31	39.48	33.51	-18.83	54.16	68.30	14.14	211	296	Horizontal	

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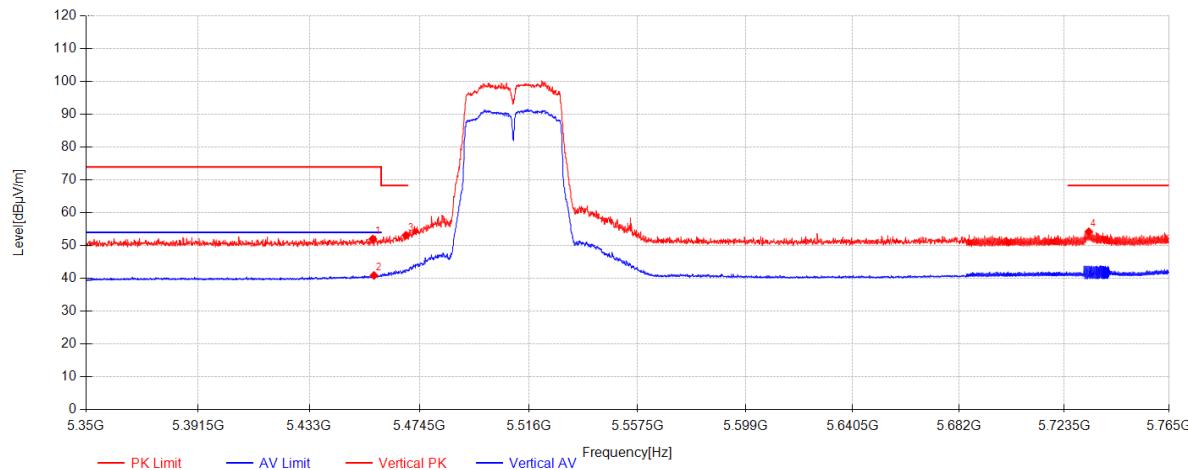
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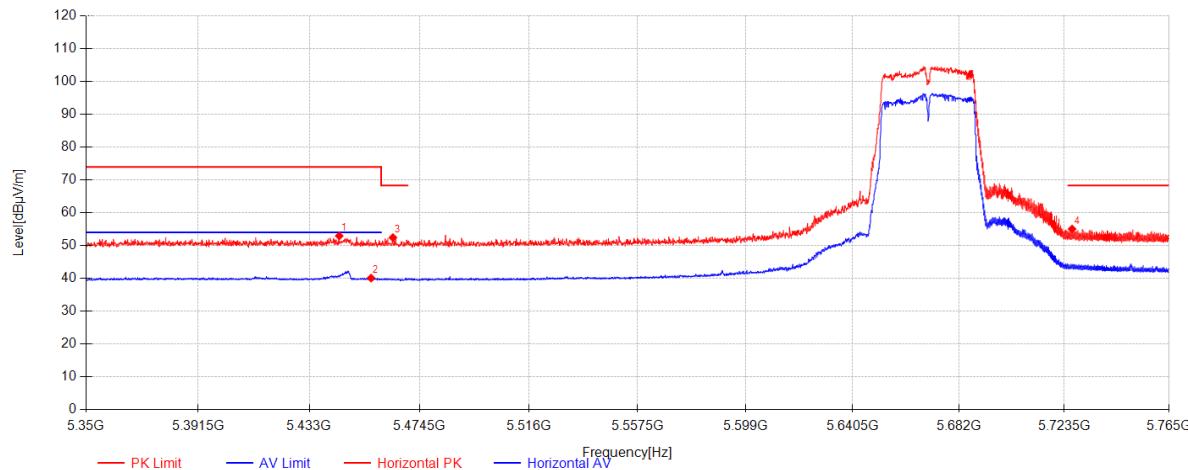
Data List											
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5456.865	38.24	32.86	-19.11	51.99	74.00	22.01	298	287	Vertical	
2	5457.3117	27.13	32.86	-19.11	40.88	54.00	13.12	298	287	Vertical	
3	5469.3717	39.39	32.88	-19.13	53.14	68.30	15.16	298	287	Vertical	
4	5733.17	39.55	33.51	-18.83	54.23	68.30	14.07	298	287	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	5444.2467	39.18	32.85	-19.09	52.94	74.00	21.06	261	284	Horizontal	
2	5456.195	26.33	32.86	-19.11	40.08	54.00	13.92	261	284	Horizontal	
3	5464.4583	38.67	32.87	-19.12	52.42	68.30	15.88	261	284	Horizontal	
4	5726.57	40.37	33.48	-18.81	55.04	68.30	13.26	261	284	Horizontal	

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