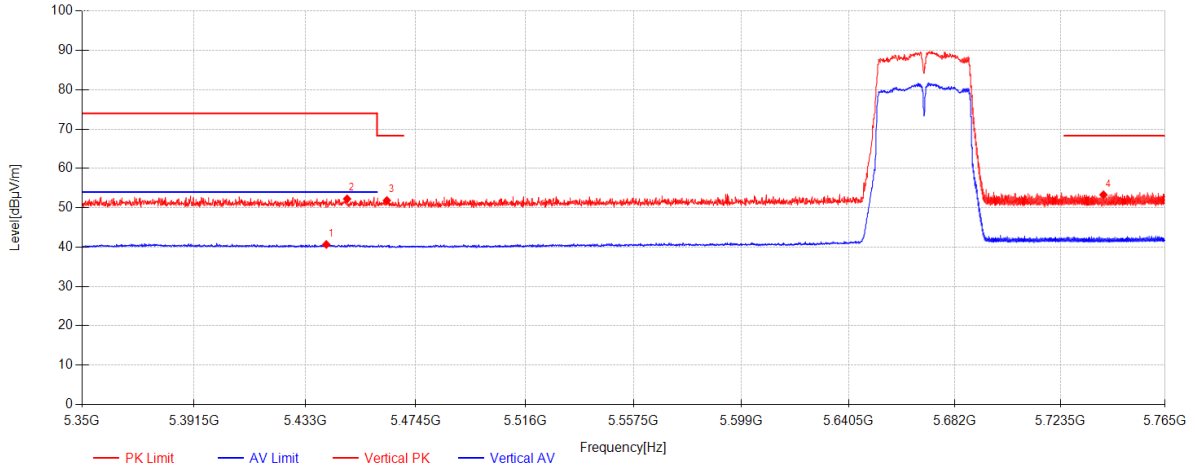


802.11ac40_Channel 134



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	5440.8967	26.92	32.84	-19.09	40.68	54.00	13.32	186	224	Vertical
2	5448.7133	38.50	32.85	-19.10	52.26	74.00	21.74	186	224	Vertical
3	5463.6767	38.10	32.87	-19.12	51.85	68.30	16.45	186	224	Vertical
4	5740.54	38.62	33.53	-18.85	53.30	68.30	15.00	186	224	Vertical

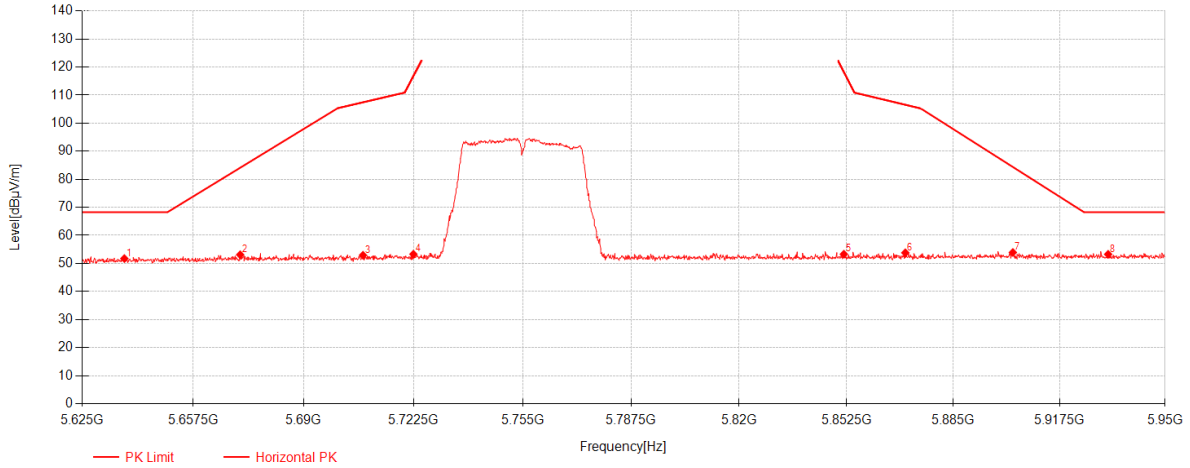


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802.11ac40_Channel 151



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	5637.35	37.32	33.16	-18.72	51.75	68.30	16.55	148	28	Horizontal
2	5671.3125	38.55	33.28	-18.73	53.10	84.11	31.01	148	28	Horizontal
3	5707.55	38.27	33.41	-18.75	52.93	107.42	54.49	148	28	Horizontal
4	5722.5	38.63	33.47	-18.80	53.30	116.60	63.30	148	28	Horizontal
5	5851.6875	38.31	33.85	-18.88	53.28	118.45	65.17	148	28	Horizontal
6	5870.375	38.74	33.88	-18.83	53.80	106.59	52.79	148	28	Horizontal
7	5903.2	38.71	33.95	-18.75	53.91	84.39	30.48	148	28	Horizontal
8	5932.45	38.07	34.00	-18.81	53.26	68.30	15.04	148	28	Horizontal

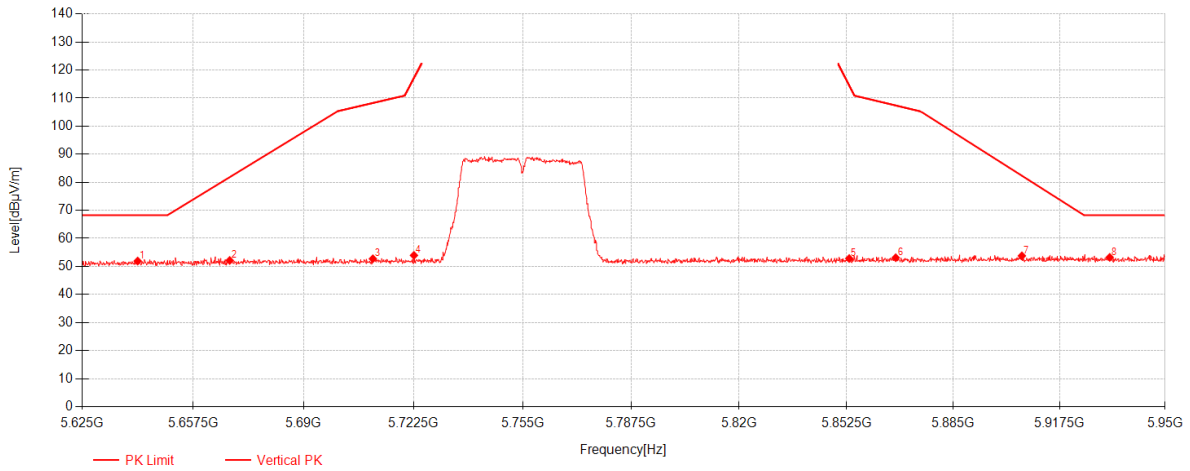


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802.11ac40_Channel 151



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	5641.25	37.48	33.17	-18.72	51.93	68.30	16.37	178	169	Vertical
2	5668.225	37.59	33.27	-18.73	52.13	81.82	29.69	178	169	Vertical
3	5710.475	38.08	33.42	-18.76	52.74	108.24	55.50	178	169	Vertical
4	5722.6625	39.28	33.47	-18.80	53.95	116.97	63.02	178	169	Vertical
5	5853.3125	37.85	33.85	-18.88	52.83	114.75	61.92	178	169	Vertical
6	5867.45	38.07	33.88	-18.83	53.11	107.41	54.30	178	169	Vertical
7	5905.9625	38.58	33.95	-18.75	53.78	82.35	28.57	178	169	Vertical
8	5932.9375	38.04	34.00	-18.81	53.23	68.30	15.07	178	169	Vertical



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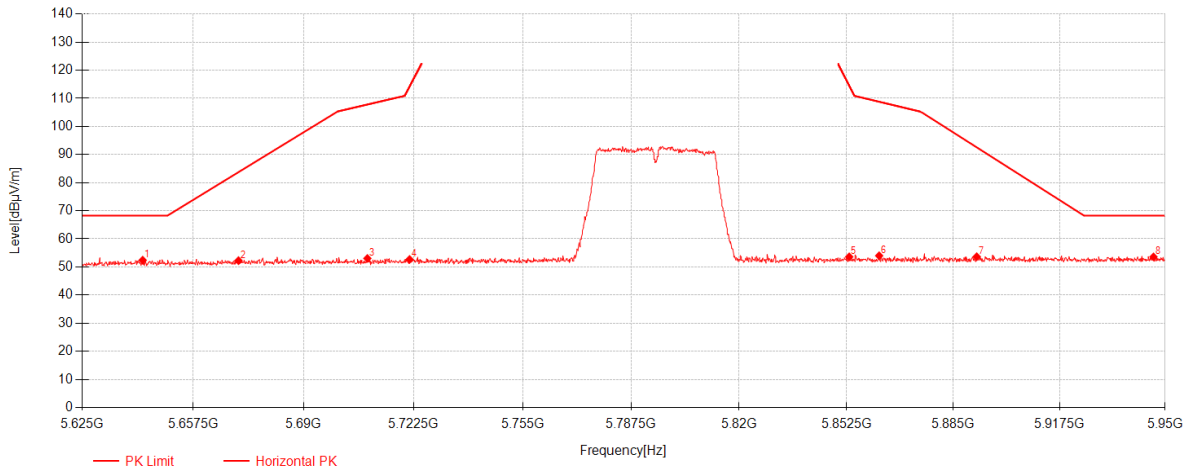
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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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802.11ac40_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	5642.7125	37.96	33.18	-18.72	52.41	68.30	15.89	278	29	Horizontal
2	5670.825	37.71	33.28	-18.73	52.26	83.75	31.49	278	29	Horizontal
3	5708.85	38.38	33.42	-18.76	53.04	107.78	54.74	278	29	Horizontal
4	5721.3625	38.02	33.46	-18.79	52.69	114.01	61.32	278	29	Horizontal
5	5853.3125	38.62	33.85	-18.88	53.60	114.75	61.15	278	29	Horizontal
6	5862.4125	38.98	33.87	-18.85	54.00	108.82	54.82	278	29	Horizontal
7	5892.15	38.48	33.93	-18.76	53.64	92.57	38.93	278	29	Horizontal
8	5946.425	38.39	34.03	-18.84	53.58	68.30	14.72	278	29	Horizontal

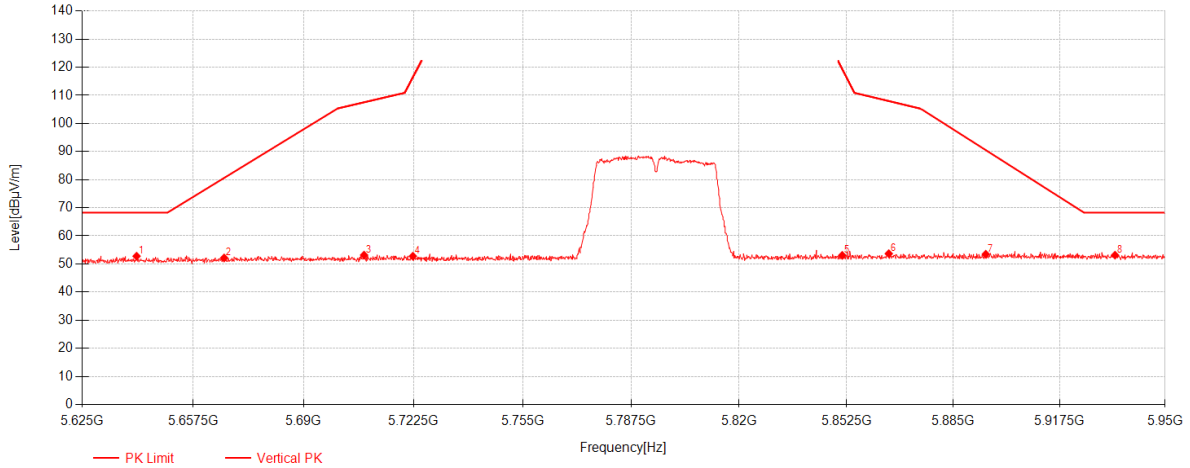


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802.11ac40_Channel 159



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	5640.925	38.33	33.17	-18.72	52.78	68.30	15.52	251	300	Vertical
2	5666.6	37.61	33.26	-18.73	52.15	80.62	28.47	251	300	Vertical
3	5707.875	38.52	33.41	-18.75	53.18	107.51	54.33	251	300	Vertical
4	5722.3375	38.11	33.47	-18.80	52.78	116.23	63.45	251	300	Vertical
5	5851.2	38.10	33.85	-18.88	53.07	119.56	66.49	251	300	Vertical
6	5865.3375	38.64	33.87	-18.84	53.67	108.00	54.33	251	300	Vertical
7	5894.9125	38.29	33.93	-18.75	53.47	90.53	37.06	251	300	Vertical
8	5934.5625	37.95	34.01	-18.81	53.14	68.30	15.16	251	300	Vertical

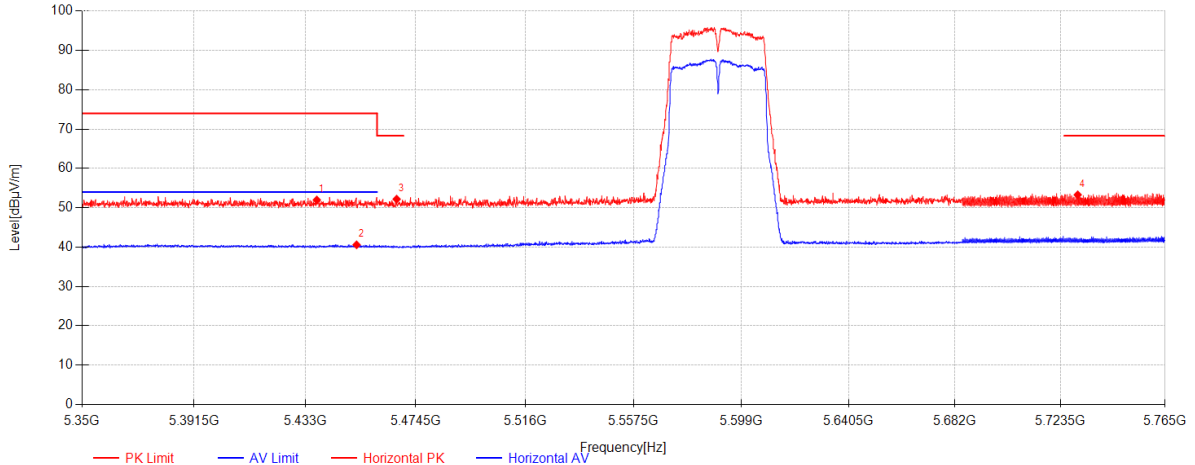


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802.11ac40_Channel 118



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	5437.3233	38.22	32.84	-19.08	51.98	74.00	22.02	145	320	Horizontal
2	5452.2867	26.83	32.86	-19.10	40.58	54.00	13.42	145	320	Horizontal
3	5467.3617	38.44	32.87	-19.13	52.19	68.30	16.11	145	320	Horizontal
4	5730.35	38.62	33.50	-18.82	53.29	68.30	15.01	145	320	Horizontal



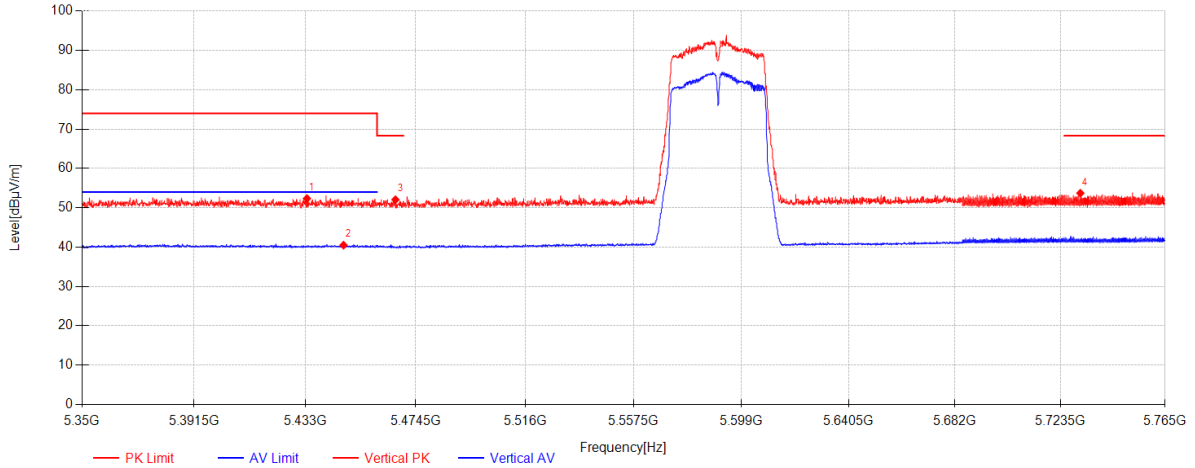
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802.11ac40_Channel 118



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	5433.6383	38.59	32.84	-19.07	52.35	74.00	21.65	125	204	Vertical
2	5447.3733	26.74	32.85	-19.10	40.50	54.00	13.50	125	204	Vertical
3	5466.915	38.31	32.87	-19.13	52.06	68.30	16.24	125	204	Vertical
4	5731.4	39.02	33.50	-18.82	53.70	68.30	14.60	125	204	Vertical

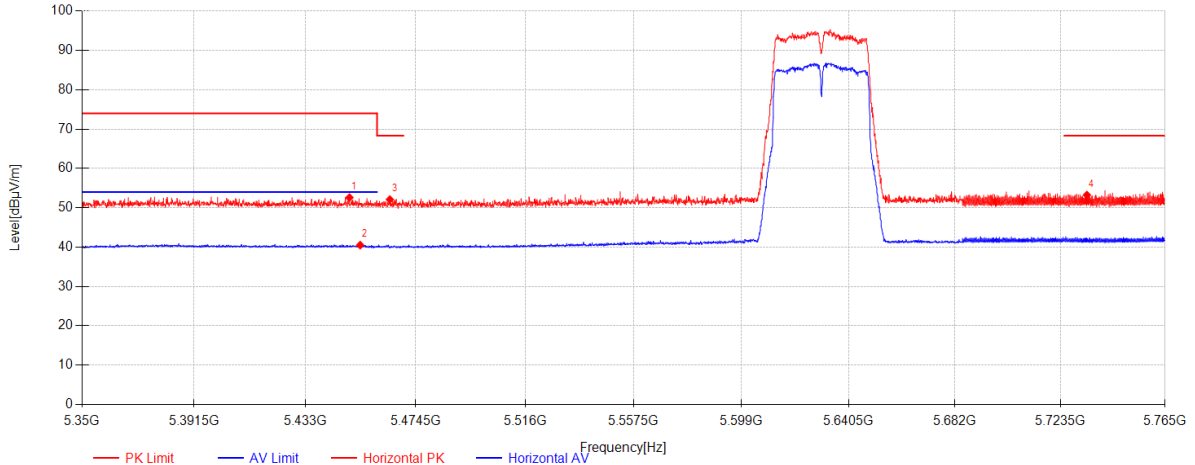


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802.11ac40_Channel 126



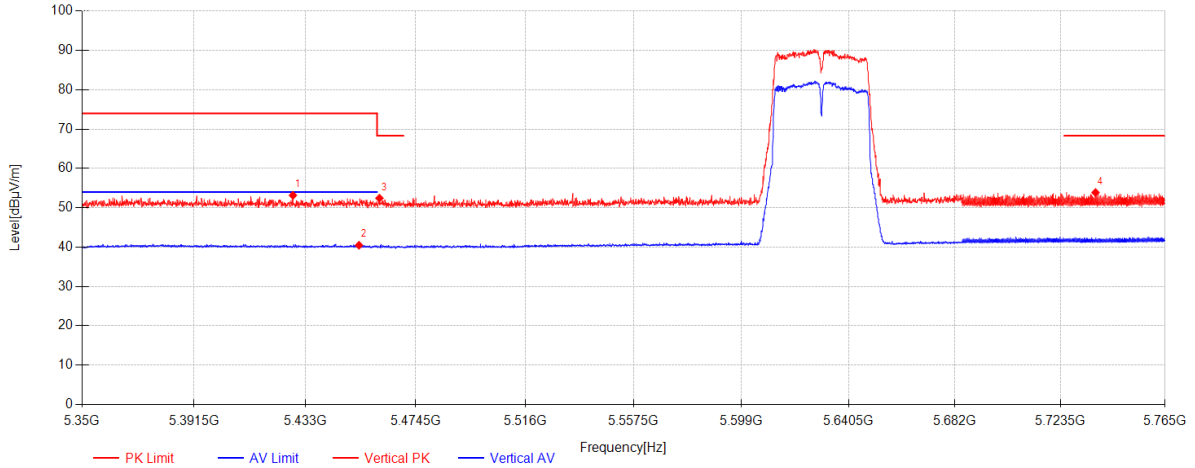
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.6067	38.84	32.85	-19.10	52.60	74.00	21.40	289	135	Horizontal
2	5453.6267	26.76	32.86	-19.11	40.51	54.00	13.49	289	135	Horizontal
3	5464.7933	38.34	32.87	-19.12	52.09	68.30	16.21	289	135	Horizontal
4	5734	38.56	33.51	-18.83	53.24	68.30	15.06	289	135	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	5428.39	39.40	32.83	-19.07	53.17	74.00	20.83	199	304	Vertical
2	5453.18	26.73	32.86	-19.11	40.48	54.00	13.52	199	304	Vertical
3	5460.885	38.68	32.87	-19.12	52.43	68.30	15.87	199	304	Vertical
4	5737.41	39.20	33.52	-18.84	53.88	68.30	14.42	199	304	Vertical

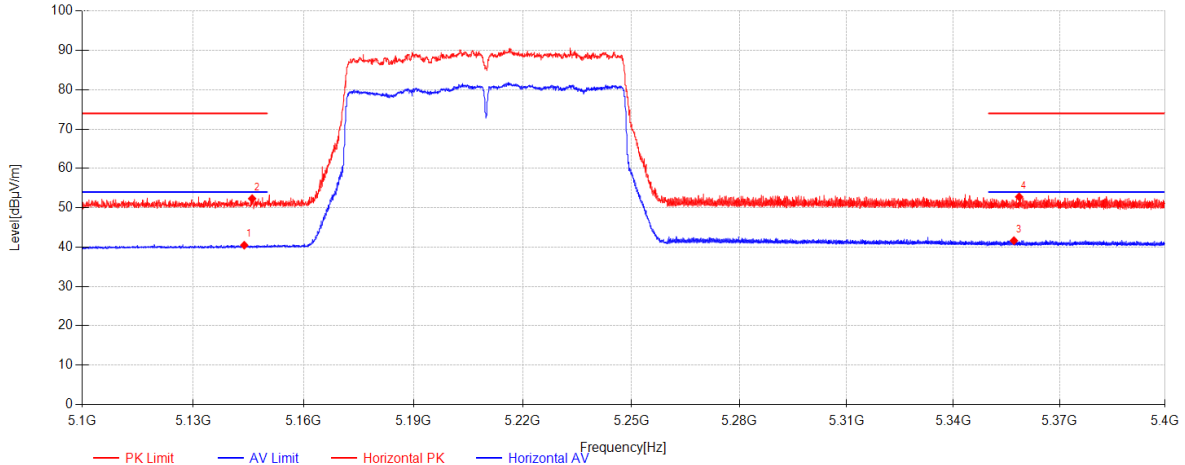


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802.11ac80_Channel 42



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	5143.84	26.68	32.96	-19.15	40.48	54.00	13.52	156	104	Horizontal
2	5145.9733	38.51	32.96	-19.15	52.32	74.00	21.68	156	104	Horizontal
3	5357.09	27.72	32.84	-18.92	41.64	54.00	12.36	156	104	Horizontal
4	5358.56	38.85	32.84	-18.92	52.77	74.00	21.23	156	104	Horizontal

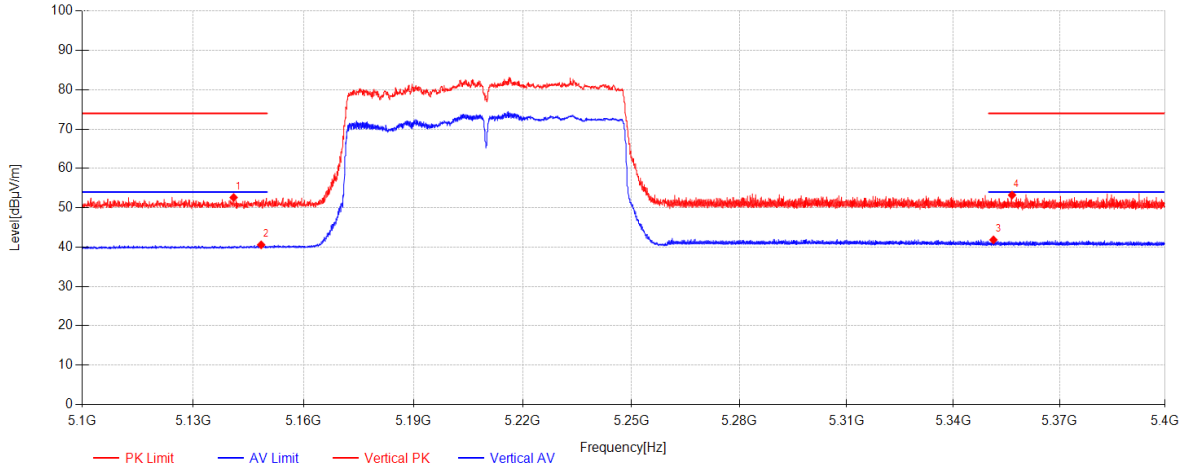


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802.11ac80_Channel 42



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	5140.96	38.81	32.96	-19.16	52.61	74.00	21.39	185	56	Vertical
2	5148.4267	26.75	32.96	-19.14	40.57	54.00	13.43	185	56	Vertical
3	5351.2975	27.90	32.85	-18.90	41.84	54.00	12.16	185	56	Vertical
4	5356.565	39.29	32.84	-18.92	53.22	74.00	20.78	185	56	Vertical

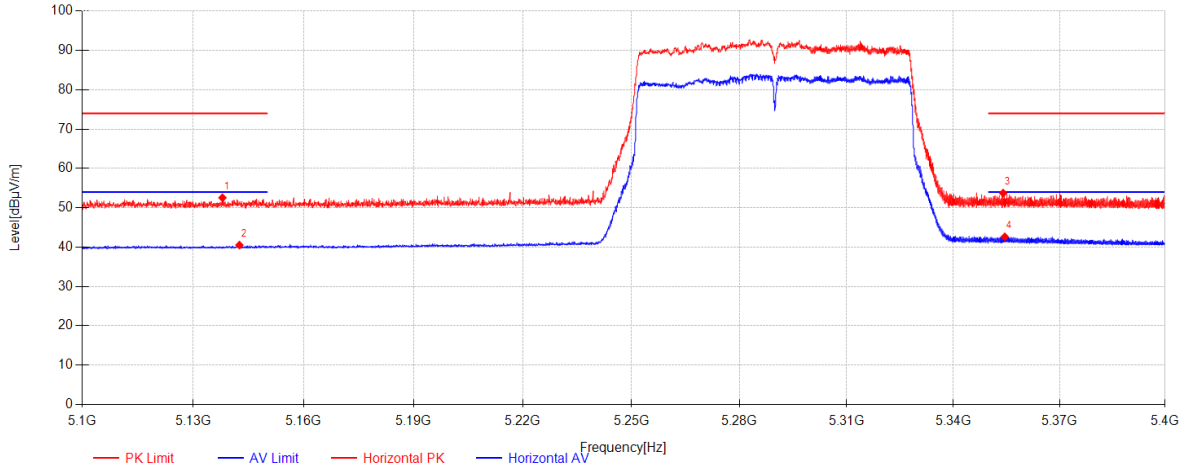


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802.11ac80_Channel 58



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	5137.9333	38.76	32.96	-19.17	52.55	74.00	21.45	289	171	Horizontal
2	5142.5333	26.72	32.96	-19.16	40.52	54.00	13.48	289	171	Horizontal
3	5354.05	39.80	32.84	-18.91	53.73	74.00	20.27	289	171	Horizontal
4	5354.5	28.69	32.84	-18.91	42.62	54.00	11.38	289	171	Horizontal



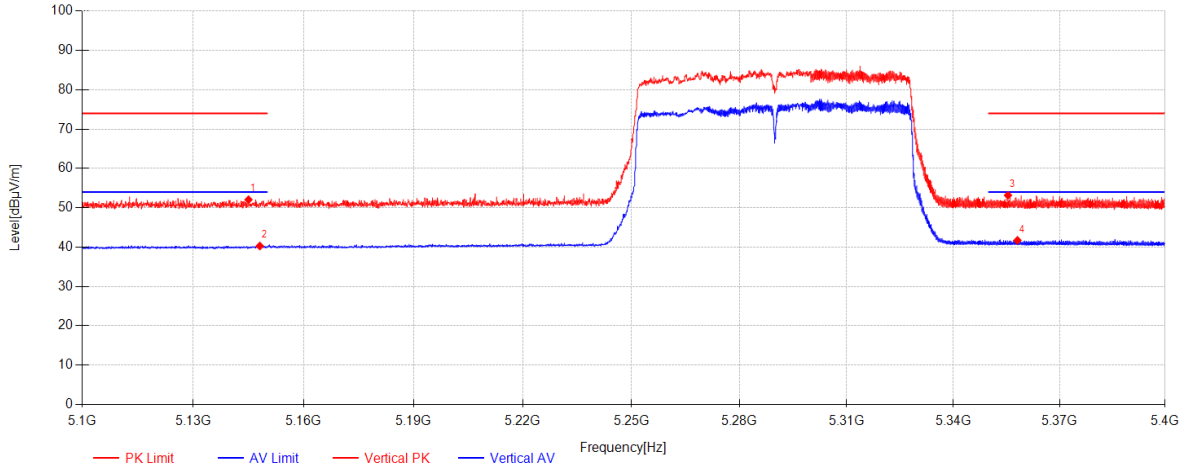
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802.11ac80_Channel 58



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	5145	38.25	32.96	-19.15	52.06	74.00	21.94	198	322	Vertical
2	5148.0667	26.46	32.96	-19.14	40.28	54.00	13.72	198	322	Vertical
3	5355.4125	39.24	32.84	-18.91	53.17	74.00	20.83	198	322	Vertical
4	5358.075	27.80	32.84	-18.92	41.72	54.00	12.28	198	322	Vertical



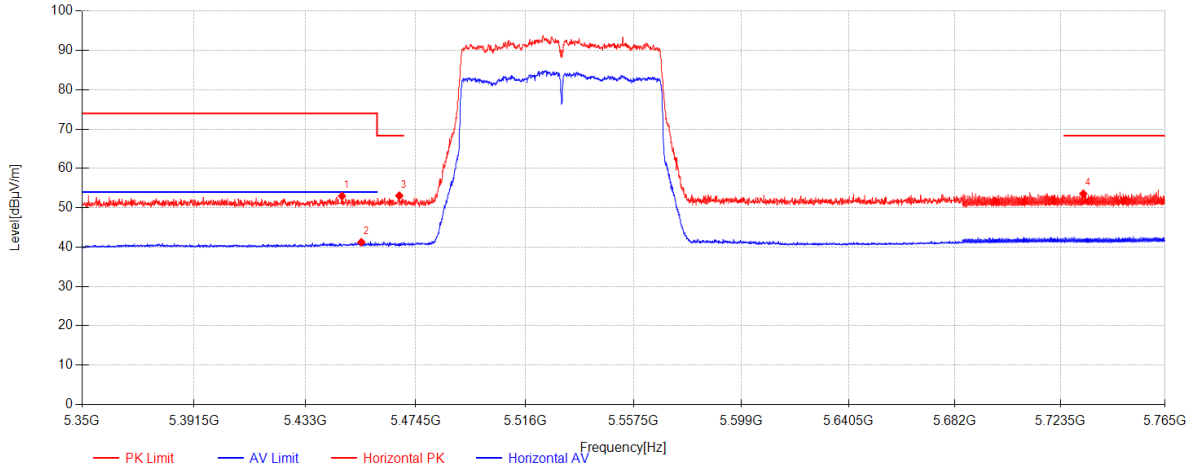
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802.11ac80_Channel 106



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	5446.815	39.21	32.85	-19.09	52.97	74.00	21.03	211	79	Horizontal
2	5454.0733	27.49	32.86	-19.11	41.24	54.00	12.76	211	79	Horizontal
3	5468.3667	39.32	32.88	-19.13	53.07	68.30	15.23	211	79	Horizontal
4	5732.56	38.89	33.50	-18.83	53.57	68.30	14.73	211	79	Horizontal

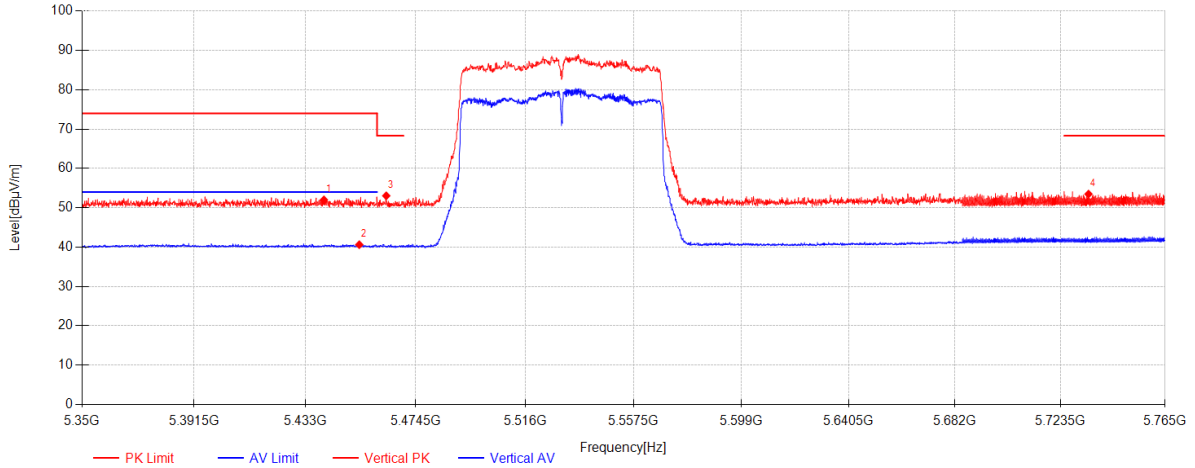


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802.11ac80_Channel 106



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	5440.0033	38.25	32.84	-19.08	52.01	74.00	21.99	188	261	Vertical
2	5453.2917	26.87	32.86	-19.11	40.62	54.00	13.38	188	261	Vertical
3	5463.4533	39.29	32.87	-19.12	53.04	68.30	15.26	188	261	Vertical
4	5734.62	38.80	33.51	-18.83	53.48	68.30	14.82	188	261	Vertical

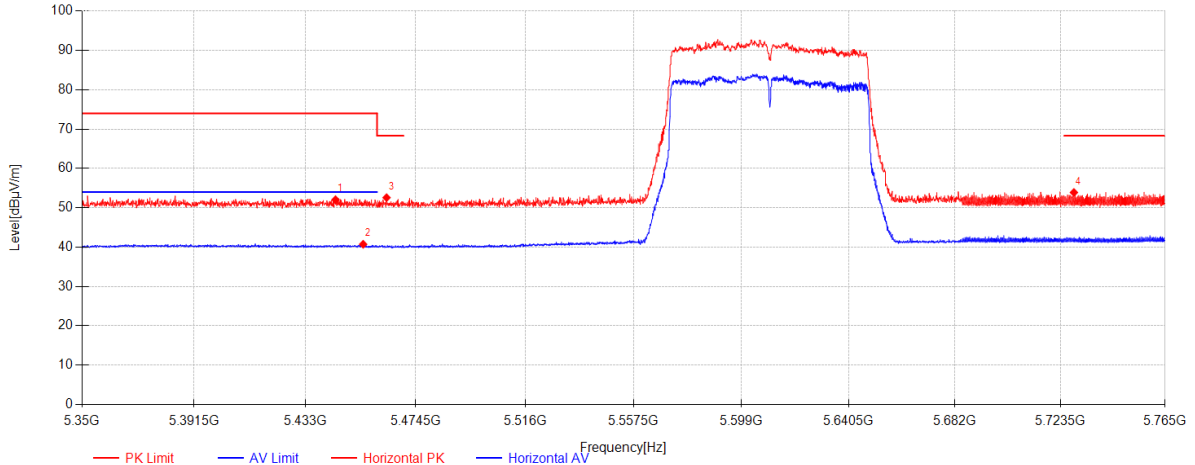


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802.11ac80_Channel 122



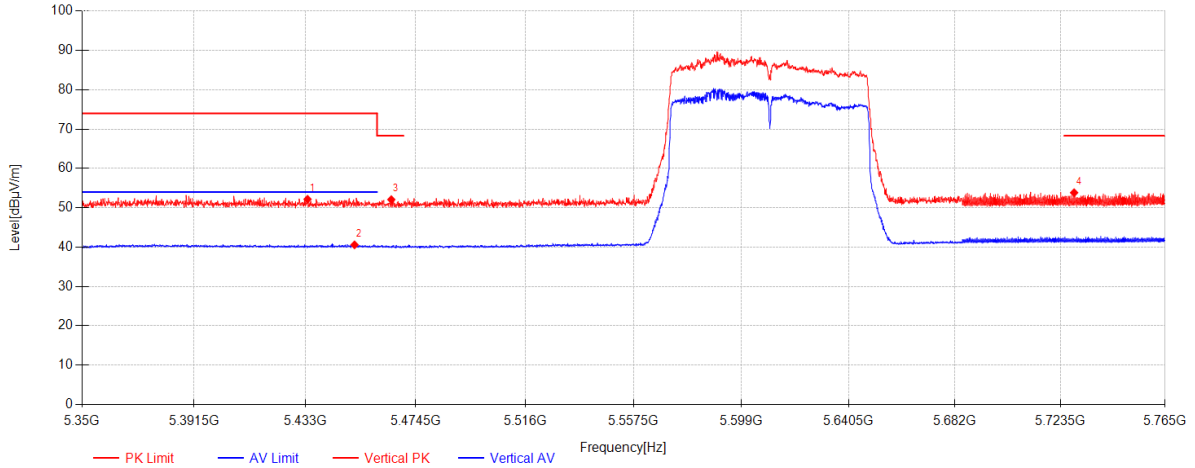
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5444.3583	38.28	32.85	-19.09	52.04	74.00	21.96	287	88	Horizontal
2	5454.7433	26.97	32.86	-19.11	40.72	54.00	13.28	287	88	Horizontal
3	5463.565	38.82	32.87	-19.12	52.57	68.30	15.73	287	88	Horizontal
4	5728.85	39.22	33.49	-18.82	53.89	68.30	14.41	287	88	Horizontal



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802.11ac80_Channel 122



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	5433.8617	38.41	32.84	-19.07	52.17	74.00	21.83	177	251	Vertical
2	5451.505	26.83	32.86	-19.10	40.58	54.00	13.42	177	251	Vertical
3	5465.3517	38.33	32.87	-19.12	52.08	68.30	16.22	177	251	Vertical
4	5728.95	39.16	33.49	-18.82	53.83	68.30	14.47	177	251	Vertical

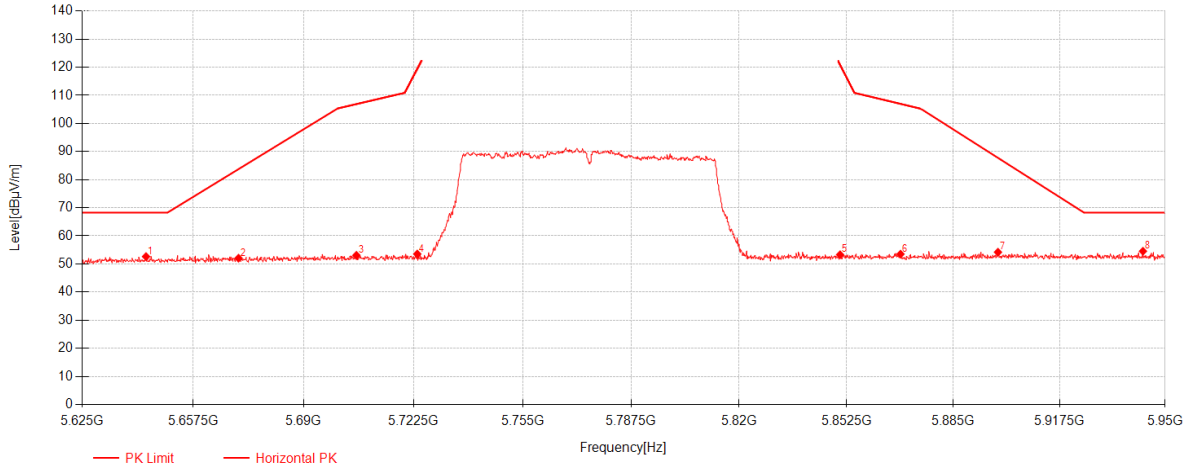


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802.11ac80_Channel 155



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	5643.6875	38.18	33.18	-18.72	52.64	68.30	15.66	260	300	Horizontal
2	5670.825	37.51	33.28	-18.73	52.06	83.75	31.69	260	300	Horizontal
3	5705.6	38.43	33.41	-18.75	53.09	106.87	53.78	260	300	Horizontal
4	5723.6375	38.88	33.47	-18.80	53.55	119.19	65.64	260	300	Horizontal
5	5850.55	38.35	33.85	-18.88	53.31	121.05	67.74	260	300	Horizontal
6	5868.9125	38.46	33.88	-18.83	53.51	107.00	53.49	260	300	Horizontal
7	5898.65	39.01	33.94	-18.74	54.20	87.76	33.56	260	300	Horizontal
8	5943.175	39.36	34.02	-18.83	54.55	68.30	13.75	260	300	Horizontal

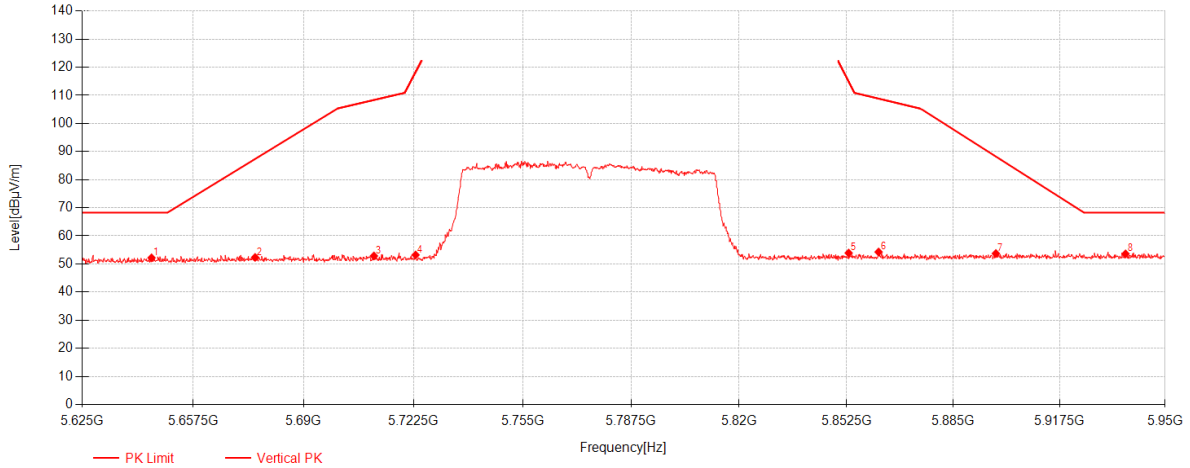


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802.11ac80_Channel 155



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	5645.3125	37.73	33.19	-18.72	52.19	68.30	16.11	144	58	Vertical
2	5675.7	37.77	33.30	-18.73	52.34	87.36	35.02	144	58	Vertical
3	5710.8	38.19	33.42	-18.76	52.85	108.33	55.48	144	58	Vertical
4	5723.15	38.54	33.47	-18.80	53.21	118.08	64.87	144	58	Vertical
5	5853.15	38.91	33.85	-18.88	53.89	115.12	61.23	144	58	Vertical
6	5862.25	39.24	33.87	-18.85	54.26	108.87	54.61	144	58	Vertical
7	5898	38.52	33.94	-18.75	53.71	88.24	34.53	144	58	Vertical
8	5937.8125	38.42	34.01	-18.82	53.61	68.30	14.69	144	58	Vertical

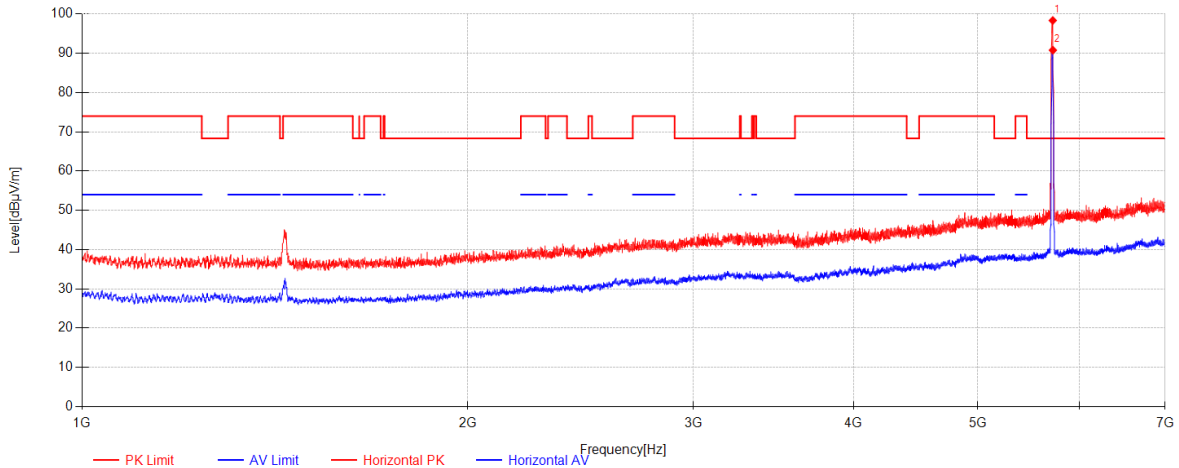


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802.11a_Channel 144



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	5720.6154	83.68	33.46	-18.79	98.35	68.30	-30.05	100	105	Horizontal
2	5721.5385	76.11	33.46	-18.79	90.78	-	-	100	105	Horizontal

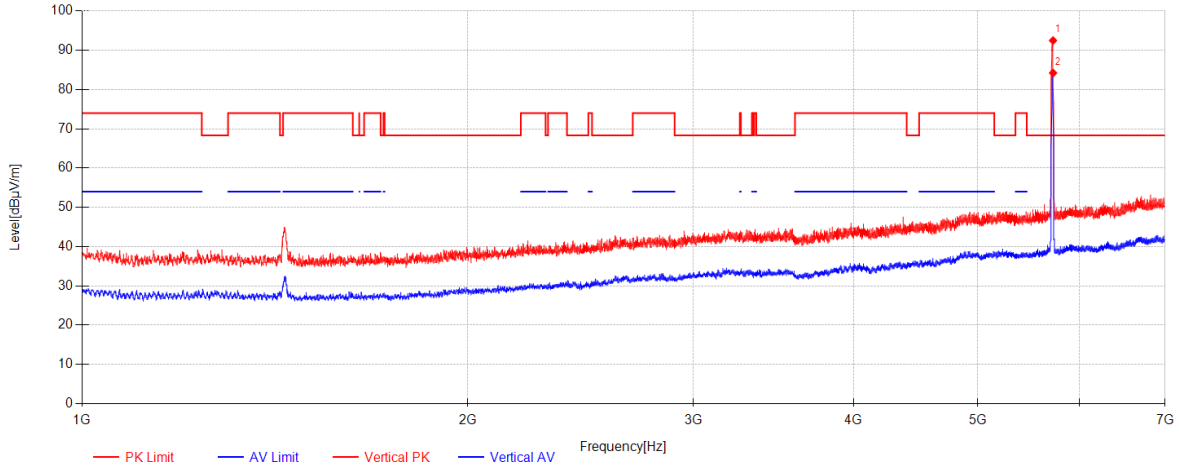


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802.11a_Channel 144



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	5723.3846	77.81	33.47	-18.80	92.48	68.30	-24.18	210	187	Vertical
2	5723.8462	69.53	33.47	-18.80	84.20	-	-	210	187	Vertical

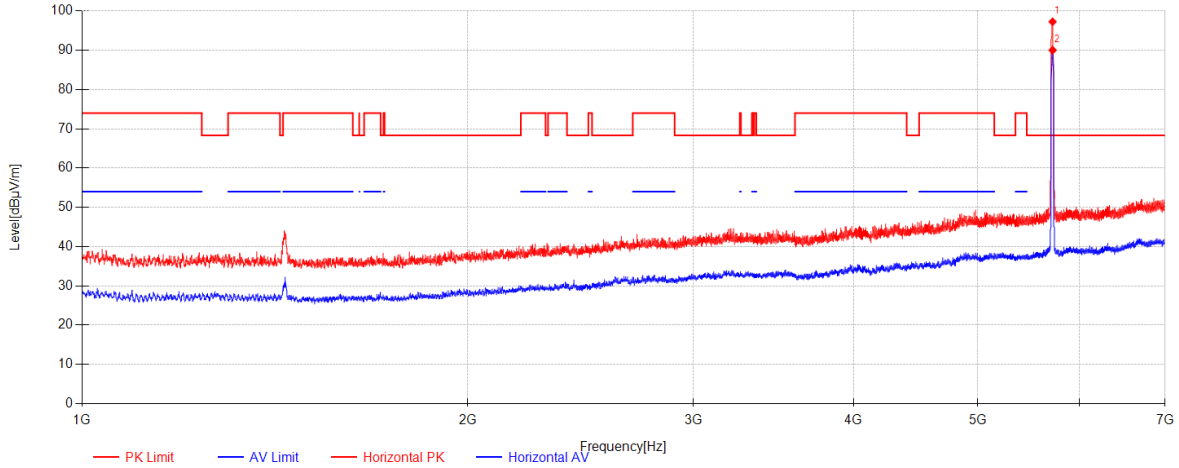


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802.11ac20_Channel 144



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	5718.7692	82.59	33.45	-18.79	97.26	68.30	-28.96	100	87	Horizontal
2	5719.2308	75.35	33.46	-18.79	90.02	-	-	100	87	Horizontal



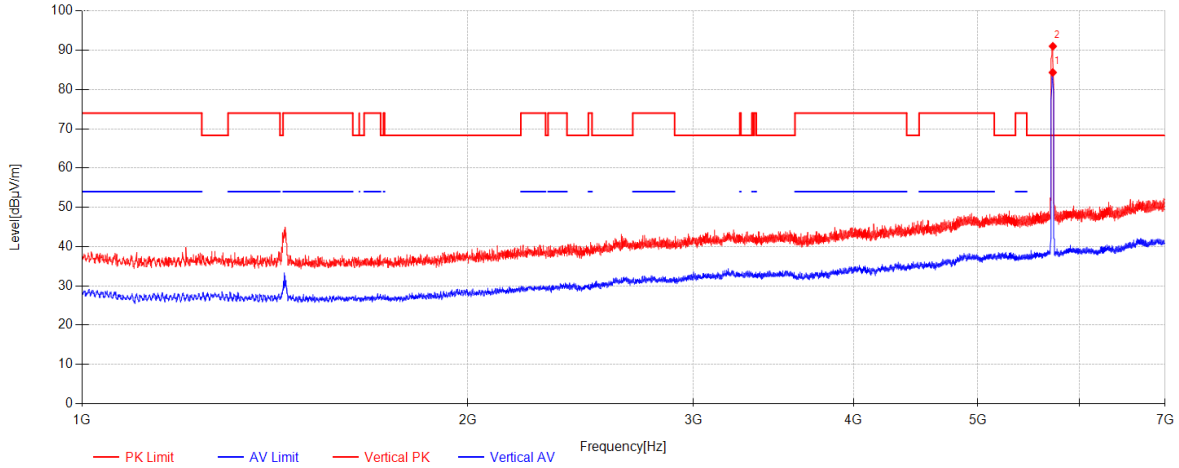
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802.11ac20_Channel 144



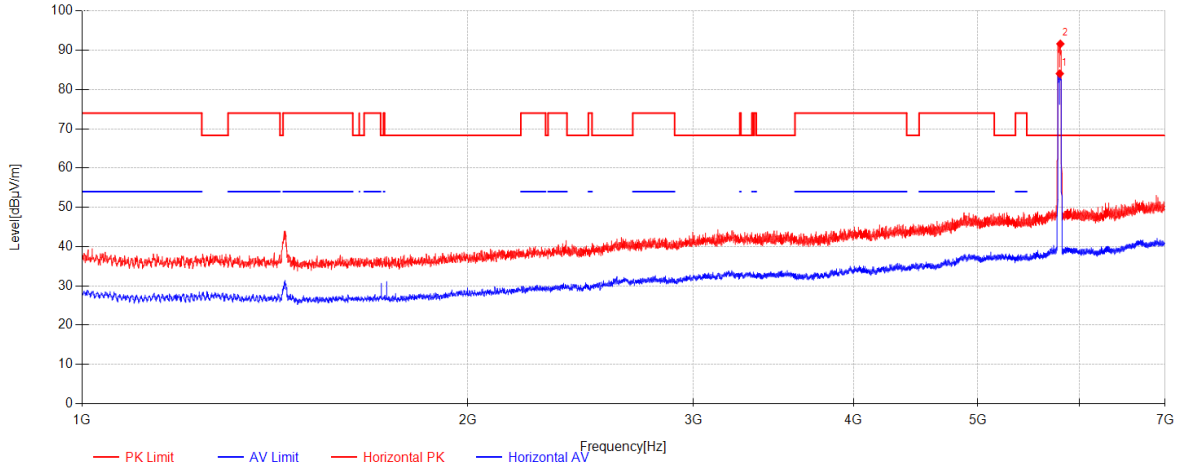
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5721.0769	69.67	33.46	-18.79	84.34	-	-	100	166	Vertical
2	5721.5385	76.34	33.46	-18.79	91.01	68.30	-22.71	100	166	Vertical



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802.11ac40_Channel 142



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	5793.5385	69.32	33.73	-19.01	84.04	-	-	100	69	Horizontal
2	5799.5385	76.91	33.75	-19.03	91.63	68.30	-23.33	100	69	Horizontal



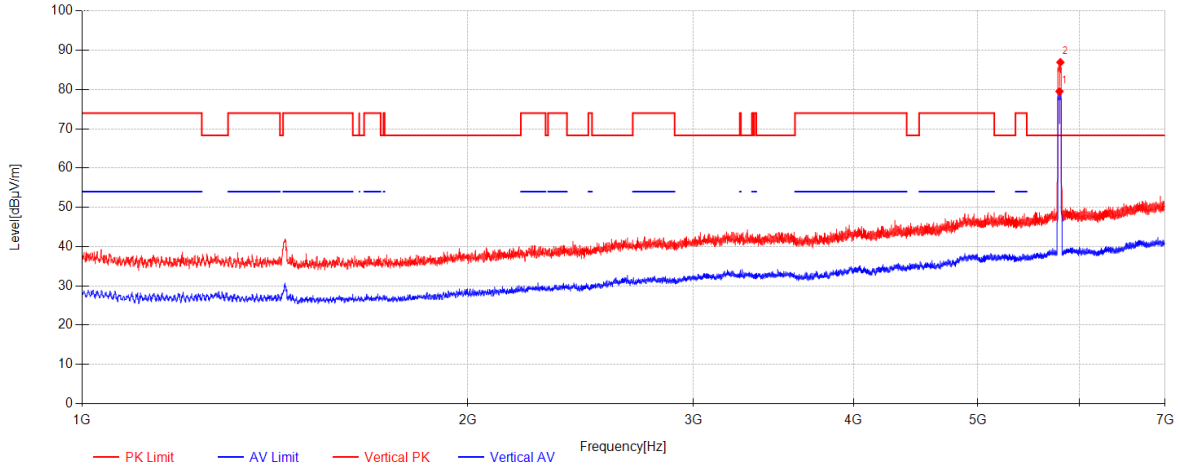
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802.11ac40_Channel 142



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	5790.7692	64.82	33.72	-19.00	79.53	-	-	100	153	Vertical
2	5799.5385	72.21	33.75	-19.03	86.93	68.30	-18.63	100	153	Vertical

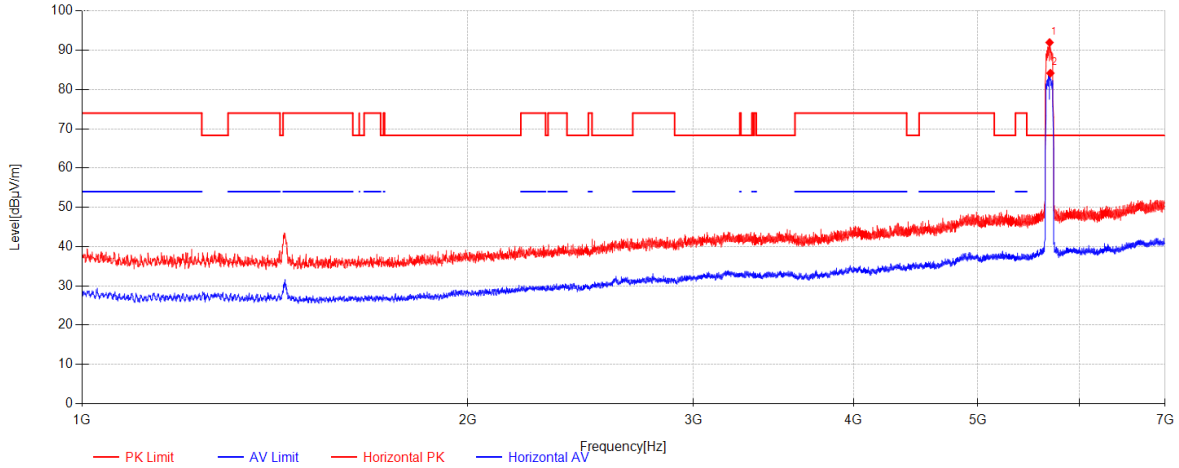


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802.11ac80_Channel 138



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	5687.8462	77.36	33.34	-18.73	91.97	68.30	-23.67	100	87	Horizontal
2	5696.1538	69.52	33.37	-18.73	84.16	-	-	100	87	Horizontal



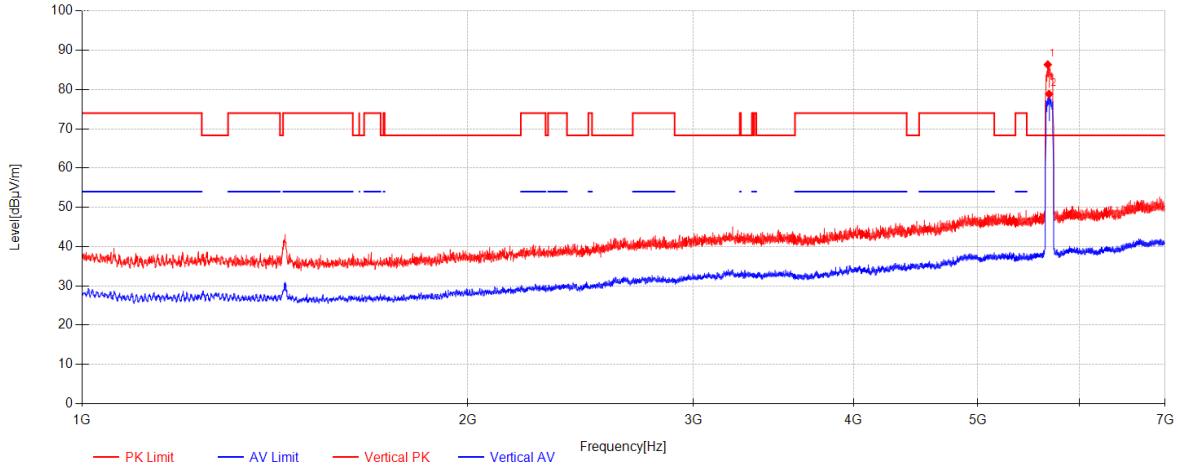
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802.11ac80_Channel 138



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	5669.8462	71.80	33.27	-18.73	86.35	68.30	-18.05	200	132	Vertical
2	5683.2308	64.25	33.32	-18.73	78.85	-	-	200	132	Vertical



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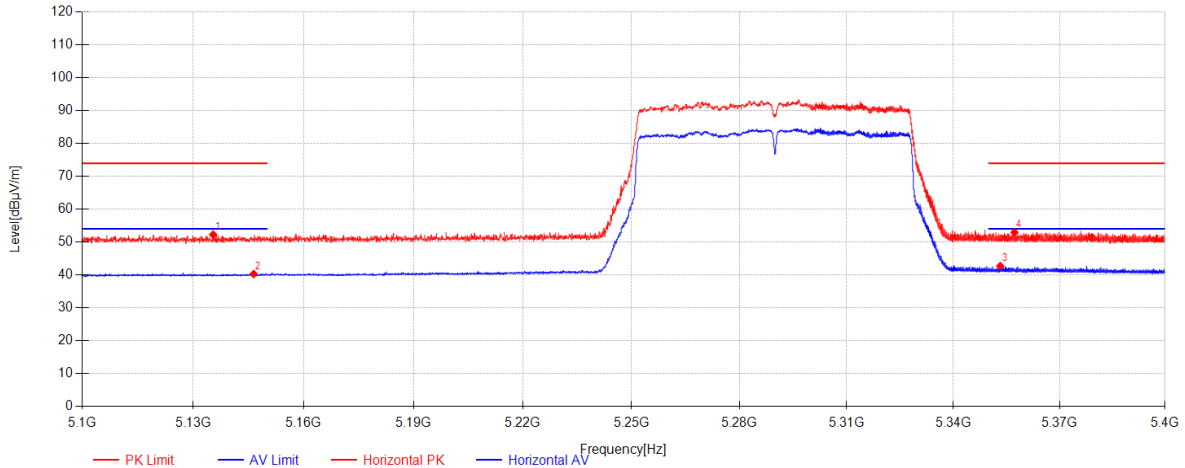
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Test for spot check:

For PY7-97087H (this model)data:

Restricted bands around fundamental frequency

802.11ac80_Channel 58



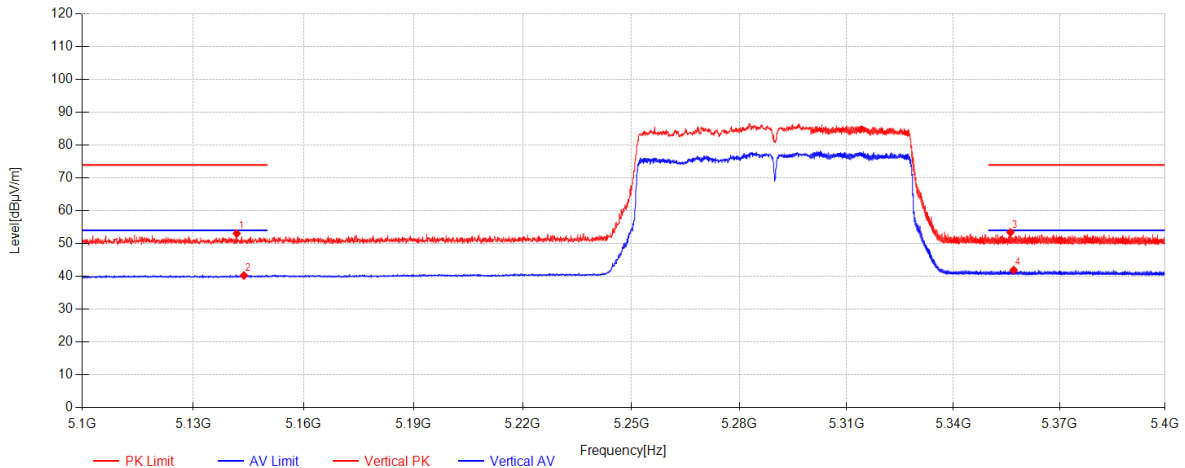
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.4	38.49	32.95	-19.18	52.27	74.00	21.73	289	139	Horizontal
2	5146.4	26.47	32.96	-19.15	40.28	54.00	13.72	289	139	Horizontal
3	5353.2375	28.76	32.84	-18.91	42.70	54.00	11.30	289	139	Horizontal
4	5357.25	39.04	32.84	-18.92	52.96	74.00	21.04	289	139	Horizontal



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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	5141.8	39.26	32.96	-19.16	53.06	74.00	20.94	281	68	Vertical
2	5143.7333	26.47	32.96	-19.16	40.27	54.00	13.73	281	68	Vertical
3	5356.1125	39.48	32.84	-18.91	53.41	74.00	20.59	281	68	Vertical
4	5357	28.01	32.84	-18.92	41.93	54.00	12.07	281	68	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:
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$
 $AF = Antenna\ Factor(dB/m)$
 $Factor = Cable\ Factor(dB) - Pre-amplifier\ gain(dB)$
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11ac VHT20/40 by referring to their higher output power.

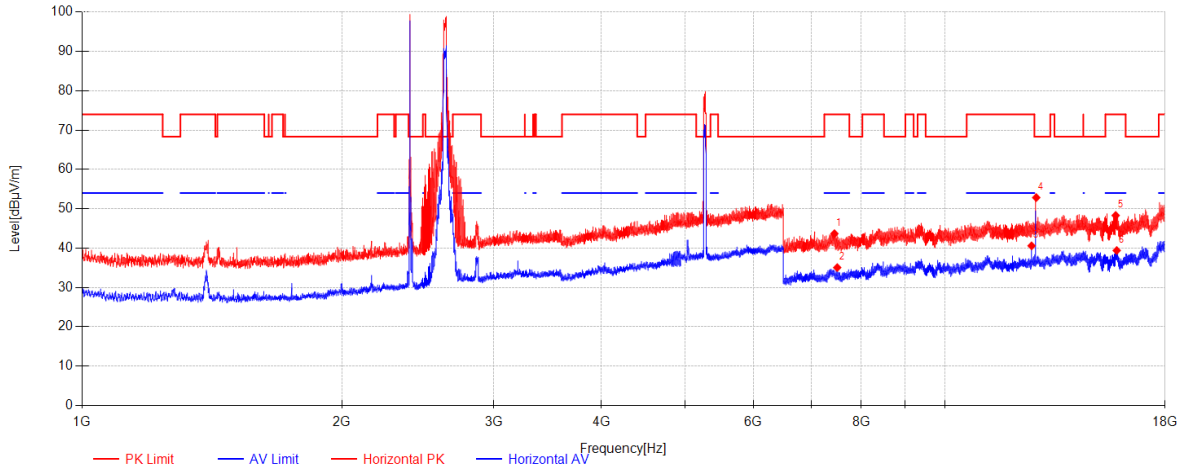


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Simultaneous TX emissions

LTE+BT+5G WIFI



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	7447.7917	50.18	36.47	-42.97	43.67	74.00	30.33	152	166	Horizontal
2	7503.375	41.77	36.44	-43.16	35.05	54.00	18.95	142	21	Horizontal
3	12604.5833	38.48	39.29	-37.18	40.58	54.00	13.42	136	6	Horizontal
4	12762.2292	49.98	39.56	-36.70	52.84	68.30	15.46	256	263	Horizontal
5	15775.7083	43.18	38.23	-33.11	48.30	74.00	25.70	195	1	Horizontal
6	15819.3125	34.49	38.17	-33.27	39.39	54.00	14.61	174	263	Horizontal



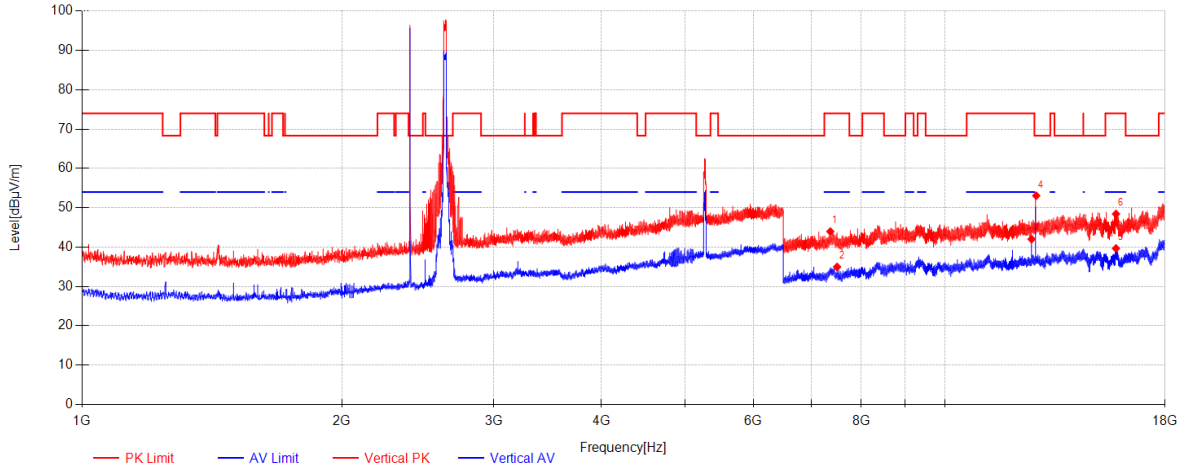
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7366.3333	50.42	36.51	-42.97	43.96	74.00	30.04	184	1	Vertical
2	7499.5417	41.69	36.44	-43.17	34.96	54.00	19.04	155	314	Vertical
3	12604.5833	39.92	39.29	-37.18	42.02	54.00	11.98	174	264	Vertical
4	12762.2292	50.21	39.56	-36.70	53.07	68.30	15.23	156	70	Vertical
5	15789.125	34.53	38.21	-33.08	39.66	54.00	14.34	192	191	Vertical
6	15789.6042	43.30	38.21	-33.08	48.43	74.00	25.57	130	0	Vertical

---End of Report---



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