



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	5.356G	71.43	74.00	-2.57	3	Horizontal	15	1.25	-
5320MHz	Pass	AV	3.54667G	47.69	54.00	-6.31	3	Vertical	323	1.02	-
5320MHz	Pass	AV	10.63868G	46.90	54.00	-7.10	3	Vertical	138	1.66	-
5320MHz	Pass	AV	15.96852G	46.81	54.00	-7.19	3	Vertical	181	2.09	-
5320MHz	Pass	PK	3.54661G	52.10	74.00	-21.90	3	Vertical	323	1.02	-
5320MHz	Pass	PK	10.63454G	59.95	74.00	-14.05	3	Vertical	138	1.66	-
5320MHz	Pass	PK	15.95556G	60.09	74.00	-13.91	3	Vertical	181	2.09	-
5320MHz	Pass	AV	3.54667G	50.18	54.00	-3.82	3	Horizontal	304	1.12	-
5320MHz	Pass	AV	10.63214G	46.90	54.00	-7.10	3	Horizontal	147	1.64	-
5320MHz	Pass	AV	15.9678G	46.90	54.00	-7.10	3	Horizontal	29	1.39	-
5320MHz	Pass	PK	3.54678G	54.44	74.00	-19.56	3	Horizontal	304	1.12	-
5320MHz	Pass	PK	10.6547G	60.22	74.00	-13.78	3	Horizontal	147	1.64	-
5320MHz	Pass	PK	15.97398G	59.36	74.00	-14.64	3	Horizontal	29	1.39	-
5500MHz	Pass	AV	5.4562G	47.89	54.00	-6.11	3	Vertical	15	1.48	-
5500MHz	Pass	AV	5.4916G	104.31	Inf	-Inf	3	Vertical	15	1.48	-
5500MHz	Pass	PK	5.4694G	65.29	68.20	-2.91	3	Vertical	15	1.48	-
5500MHz	Pass	PK	5.491G	114.88	Inf	-Inf	3	Vertical	15	1.48	-
5500MHz	Pass	AV	5.392G	50.77	54.00	-3.23	3	Horizontal	13	1.49	-
5500MHz	Pass	AV	5.4916G	107.01	Inf	-Inf	3	Horizontal	13	1.49	-
5500MHz	Pass	PK	5.467G	67.96	68.20	-0.24	3	Horizontal	13	1.49	-
5500MHz	Pass	PK	5.4916G	117.58	Inf	-Inf	3	Horizontal	13	1.49	-
5500MHz	Pass	AV	3.66667G	48.83	54.00	-5.17	3	Vertical	322	1.41	-
5500MHz	Pass	AV	11.00228G	47.93	54.00	-6.07	3	Vertical	0	2.39	-
5500MHz	Pass	PK	3.66675G	53.69	74.00	-20.31	3	Vertical	322	1.41	-
5500MHz	Pass	PK	11.00402G	61.73	74.00	-12.27	3	Vertical	0	2.39	-
5500MHz	Pass	PK	16.5045G	62.09	68.20	-6.11	3	Vertical	62	1.32	-
5500MHz	Pass	AV	3.66668G	47.70	54.00	-6.30	3	Horizontal	301	2.10	-
5500MHz	Pass	AV	11.0093G	48.10	54.00	-5.90	3	Horizontal	172	1.81	-
5500MHz	Pass	PK	3.66678G	52.32	74.00	-21.68	3	Horizontal	301	2.10	-
5500MHz	Pass	PK	10.9889G	61.08	74.00	-12.92	3	Horizontal	172	1.81	-
5500MHz	Pass	PK	16.50096G	61.70	68.20	-6.50	3	Horizontal	31	1.11	-
5580MHz	Pass	AV	5.4588G	50.47	54.00	-3.53	3	Vertical	355	2.13	-
5580MHz	Pass	AV	5.5728G	110.70	Inf	-Inf	3	Vertical	355	2.13	-
5580MHz	Pass	PK	5.4648G	67.24	68.20	-0.96	3	Vertical	355	2.13	-
5580MHz	Pass	PK	5.5788G	122.77	Inf	-Inf	3	Vertical	355	2.13	-
5580MHz	Pass	PK	5.7294G	62.58	68.20	-5.62	3	Vertical	355	2.13	-
5580MHz	Pass	AV	5.4588G	50.57	54.00	-3.43	3	Horizontal	7	2.92	-
5580MHz	Pass	AV	5.5854G	110.41	Inf	-Inf	3	Horizontal	7	2.92	-
5580MHz	Pass	PK	5.4672G	65.38	68.20	-2.82	3	Horizontal	7	2.92	-
5580MHz	Pass	PK	5.583G	122.62	Inf	-Inf	3	Horizontal	7	2.92	-
5580MHz	Pass	PK	5.7258G	61.89	68.20	-6.31	3	Horizontal	7	2.92	-
5580MHz	Pass	AV	4.18501G	51.83	54.00	-2.17	3	Vertical	60	1.44	-
5580MHz	Pass	AV	11.16G	47.93	54.00	-6.07	3	Vertical	44	1.04	-
5580MHz	Pass	PK	4.18502G	53.90	74.00	-20.10	3	Vertical	60	1.44	-
5580MHz	Pass	PK	11.1492G	61.17	74.00	-12.83	3	Vertical	44	1.04	-
5580MHz	Pass	PK	16.73826G	63.68	68.20	-4.52	3	Vertical	283	1.84	-
5580MHz	Pass	AV	4.18501G	52.60	54.00	-1.40	3	Horizontal	68	2.22	-
5580MHz	Pass	AV	11.15874G	47.92	54.00	-6.08	3	Horizontal	31	2.34	-
5580MHz	Pass	PK	4.18498G	55.20	74.00	-18.80	3	Horizontal	68	2.22	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	11.15412G	61.59	74.00	-12.41	3	Horizontal	31	2.34	-
5580MHz	Pass	PK	16.7436G	63.57	68.20	-4.63	3	Horizontal	339	1.50	-
5700MHz	Pass	AV	5.6964G	101.46	Inf	-Inf	3	Vertical	3	1.50	-
5700MHz	Pass	PK	5.6994G	113.22	Inf	-Inf	3	Vertical	3	1.50	-
5700MHz	Pass	PK	5.7252G	61.65	68.20	-6.55	3	Vertical	3	1.50	-
5700MHz	Pass	AV	5.706G	102.93	Inf	-Inf	3	Horizontal	6	1.00	-
5700MHz	Pass	PK	5.7084G	115.77	Inf	-Inf	3	Horizontal	6	1.00	-
5700MHz	Pass	PK	5.7252G	67.44	68.20	-0.76	3	Horizontal	6	1.00	-
5700MHz	Pass	AV	3.79999G	51.75	54.00	-2.25	3	Vertical	331	1.78	-
5700MHz	Pass	AV	11.40588G	47.43	54.00	-6.57	3	Vertical	161	1.84	-
5700MHz	Pass	PK	3.79995G	54.87	74.00	-19.13	3	Vertical	331	1.78	-
5700MHz	Pass	PK	11.39022G	60.50	74.00	-13.50	3	Vertical	161	1.84	-
5700MHz	Pass	PK	17.09634G	64.61	68.20	-3.59	3	Vertical	358	1.89	-
5700MHz	Pass	AV	3.8G	51.43	54.00	-2.57	3	Horizontal	34	1.50	-
5700MHz	Pass	AV	11.3994G	47.44	54.00	-6.56	3	Horizontal	241	1.45	-
5700MHz	Pass	PK	3.79995G	54.81	74.00	-19.19	3	Horizontal	34	1.50	-
5700MHz	Pass	PK	11.41104G	60.06	74.00	-13.94	3	Horizontal	241	1.45	-
5700MHz	Pass	PK	17.0994G	65.36	68.20	-2.84	3	Horizontal	119	1.75	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.444G	47.11	54.00	-6.89	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7116G	108.93	Inf	-Inf	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	60.00	68.20	-8.20	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	121.49	Inf	-Inf	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	67.04	68.20	-1.16	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	47.23	54.00	-6.77	3	Horizontal	6	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	109.46	Inf	-Inf	3	Horizontal	6	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	60.31	68.20	-7.89	3	Horizontal	6	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	121.35	Inf	-Inf	3	Horizontal	6	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	66.53	68.20	-1.67	3	Horizontal	6	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	3.81336G	52.08	54.00	-1.92	3	Vertical	331	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.42986G	47.53	54.00	-6.47	3	Vertical	235	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	3.8134G	55.23	74.00	-18.77	3	Vertical	331	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43262G	60.22	74.00	-13.78	3	Vertical	235	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16672G	65.15	68.20	-3.05	3	Vertical	82	1.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	3.81337G	53.32	54.00	-0.68	3	Horizontal	321	2.11	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44948G	47.52	54.00	-6.48	3	Horizontal	8	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	3.81331G	55.91	74.00	-18.09	3	Horizontal	321	2.11	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43298G	60.48	74.00	-13.52	3	Horizontal	8	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.17488G	65.44	68.20	-2.76	3	Horizontal	91	1.09	-
802.11ax HEW40-BF_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2864G	103.87	Inf	-Inf	3	Vertical	24	2.23	-
5270MHz	Pass	AV	5.3508G	53.42	54.00	-0.58	3	Vertical	24	2.23	-
5270MHz	Pass	PK	5.284G	114.85	Inf	-Inf	3	Vertical	24	2.23	-
5270MHz	Pass	PK	5.3564G	68.90	74.00	-5.10	3	Vertical	24	2.23	-
5270MHz	Pass	AV	5.2556G	106.75	Inf	-Inf	3	Horizontal	37	2.29	-
5270MHz	Pass	AV	5.35G	53.26	54.00	-0.74	3	Horizontal	37	2.29	-
5270MHz	Pass	PK	5.2528G	119.13	Inf	-Inf	3	Horizontal	37	2.29	-
5270MHz	Pass	PK	5.3556G	69.90	74.00	-4.10	3	Horizontal	37	2.29	-
5270MHz	Pass	AV	3.51333G	46.45	54.00	-7.55	3	Vertical	314	1.02	-
5270MHz	Pass	AV	15.8208G	47.24	54.00	-6.76	3	Vertical	310	1.50	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	3.51329G	51.75	74.00	-22.25	3	Vertical	314	1.02	-
5270MHz	Pass	PK	10.54126G	58.99	68.20	-9.21	3	Vertical	137	1.50	-
5270MHz	Pass	PK	15.82314G	60.08	74.00	-13.92	3	Vertical	310	1.50	-
5270MHz	Pass	AV	3.51334G	52.72	54.00	-1.28	3	Horizontal	43	2.46	-
5270MHz	Pass	AV	15.81756G	47.32	54.00	-6.68	3	Horizontal	316	1.50	-
5270MHz	Pass	PK	3.51322G	55.77	74.00	-18.23	3	Horizontal	43	2.46	-
5270MHz	Pass	PK	10.53676G	59.40	68.20	-8.80	3	Horizontal	1	2.49	-
5270MHz	Pass	PK	15.79854G	59.95	74.00	-14.05	3	Horizontal	316	1.50	-
5310MHz	Pass	AV	5.3088G	100.65	Inf	-Inf	3	Vertical	354	1.96	-
5310MHz	Pass	AV	5.3504G	50.06	54.00	-3.94	3	Vertical	354	1.96	-
5310MHz	Pass	PK	5.3092G	112.82	Inf	-Inf	3	Vertical	354	1.96	-
5310MHz	Pass	PK	5.35G	72.91	74.00	-1.09	3	Vertical	354	1.96	-
5310MHz	Pass	AV	5.3052G	100.35	Inf	-Inf	3	Horizontal	13	1.50	-
5310MHz	Pass	AV	5.35G	53.55	54.00	-0.45	3	Horizontal	13	1.50	-
5310MHz	Pass	PK	5.3092G	112.63	Inf	-Inf	3	Horizontal	13	1.50	-
5310MHz	Pass	PK	5.3512G	73.59	74.00	-0.41	3	Horizontal	13	1.50	-
5310MHz	Pass	AV	3.54001G	46.86	54.00	-7.14	3	Vertical	324	1.00	-
5310MHz	Pass	AV	10.61112G	46.37	54.00	-7.63	3	Vertical	208	1.89	-
5310MHz	Pass	AV	15.9168G	45.58	54.00	-8.42	3	Vertical	8	1.50	-
5310MHz	Pass	PK	3.53999G	52.20	74.00	-21.80	3	Vertical	324	1.00	-
5310MHz	Pass	PK	10.60572G	58.77	74.00	-15.23	3	Vertical	208	1.89	-
5310MHz	Pass	PK	15.91944G	58.66	74.00	-15.34	3	Vertical	8	1.50	-
5310MHz	Pass	AV	3.54005G	51.69	54.00	-2.31	3	Horizontal	47	2.60	-
5310MHz	Pass	AV	10.60998G	46.34	54.00	-7.66	3	Horizontal	11	1.16	-
5310MHz	Pass	AV	15.92298G	45.69	54.00	-8.31	3	Horizontal	256	2.17	-
5310MHz	Pass	PK	3.53995G	55.07	74.00	-18.93	3	Horizontal	47	2.60	-
5310MHz	Pass	PK	10.63182G	59.88	74.00	-14.12	3	Horizontal	11	1.16	-
5310MHz	Pass	PK	15.91764G	58.44	74.00	-15.56	3	Horizontal	256	2.17	-
5510MHz	Pass	AV	5.46G	48.06	54.00	-5.94	3	Vertical	0	2.30	-
5510MHz	Pass	AV	5.5016G	97.60	Inf	-Inf	3	Vertical	0	2.30	-
5510MHz	Pass	PK	5.4696G	65.12	68.20	-3.08	3	Vertical	0	2.30	-
5510MHz	Pass	PK	5.5188G	109.44	Inf	-Inf	3	Vertical	0	2.30	-
5510MHz	Pass	AV	5.4592G	48.81	54.00	-5.19	3	Horizontal	8	2.09	-
5510MHz	Pass	AV	5.516G	99.58	Inf	-Inf	3	Horizontal	8	2.09	-
5510MHz	Pass	PK	5.4608G	67.42	68.20	-0.78	3	Horizontal	8	2.09	-
5510MHz	Pass	PK	5.5148G	111.39	Inf	-Inf	3	Horizontal	8	2.09	-
5510MHz	Pass	AV	3.67332G	46.19	54.00	-7.81	3	Vertical	322	1.50	-
5510MHz	Pass	AV	11.02042G	47.61	54.00	-6.39	3	Vertical	210	1.95	-
5510MHz	Pass	PK	3.67324G	51.52	74.00	-22.48	3	Vertical	322	1.50	-
5510MHz	Pass	PK	11.01766G	60.21	74.00	-13.79	3	Vertical	210	1.95	-
5510MHz	Pass	PK	16.5447G	60.58	68.20	-7.62	3	Vertical	247	2.50	-
5510MHz	Pass	AV	3.67338G	46.73	54.00	-7.27	3	Horizontal	296	2.20	-
5510MHz	Pass	AV	11.01928G	47.61	54.00	-6.39	3	Horizontal	166	2.03	-
5510MHz	Pass	PK	3.67332G	52.36	74.00	-21.64	3	Horizontal	296	2.20	-
5510MHz	Pass	PK	11.03422G	59.98	74.00	-14.02	3	Horizontal	166	2.03	-
5510MHz	Pass	PK	16.53648G	60.57	68.20	-7.63	3	Horizontal	350	2.18	-
5550MHz	Pass	AV	5.46G	50.63	54.00	-3.37	3	Vertical	359	2.10	-
5550MHz	Pass	AV	5.5684G	103.43	Inf	-Inf	3	Vertical	359	2.10	-
5550MHz	Pass	PK	5.4696G	68.00	68.20	-0.20	3	Vertical	359	2.10	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	PK	5.5676G	114.54	Inf	-Inf	3	Vertical	359	2.10	-
5550MHz	Pass	AV	5.4572G	49.44	54.00	-4.56	3	Horizontal	359	2.77	-
5550MHz	Pass	AV	5.5676G	102.19	Inf	-Inf	3	Horizontal	359	2.77	-
5550MHz	Pass	PK	5.4632G	65.29	68.20	-2.91	3	Horizontal	359	2.77	-
5550MHz	Pass	PK	5.564G	113.22	Inf	-Inf	3	Horizontal	359	2.77	-
5550MHz	Pass	AV	4.16251G	51.38	54.00	-2.62	3	Vertical	59	1.50	-
5550MHz	Pass	AV	11.09634G	47.50	54.00	-6.50	3	Vertical	24	1.60	-
5550MHz	Pass	PK	4.16236G	54.30	74.00	-19.70	3	Vertical	59	1.50	-
5550MHz	Pass	PK	11.08686G	60.25	74.00	-13.75	3	Vertical	24	1.60	-
5550MHz	Pass	PK	16.66278G	62.30	68.20	-5.90	3	Vertical	226	1.37	-
5550MHz	Pass	AV	4.16252G	53.65	54.00	-0.35	3	Horizontal	316	2.11	-
5550MHz	Pass	AV	11.115G	47.57	54.00	-6.43	3	Horizontal	215	1.15	-
5550MHz	Pass	PK	4.16253G	55.97	74.00	-18.03	3	Horizontal	316	2.11	-
5550MHz	Pass	PK	11.1141G	60.53	74.00	-13.47	3	Horizontal	215	1.15	-
5550MHz	Pass	PK	16.6488G	61.18	68.20	-7.02	3	Horizontal	212	2.36	-
5670MHz	Pass	AV	5.6616G	101.56	Inf	-Inf	3	Vertical	0	3.00	-
5670MHz	Pass	PK	5.6598G	113.21	Inf	-Inf	3	Vertical	0	3.00	-
5670MHz	Pass	PK	5.7282G	67.97	68.20	-0.23	3	Vertical	0	3.00	-
5670MHz	Pass	AV	5.673G	101.90	Inf	-Inf	3	Horizontal	338	2.52	-
5670MHz	Pass	PK	5.6748G	113.12	Inf	-Inf	3	Horizontal	338	2.52	-
5670MHz	Pass	PK	5.7282G	67.32	68.20	-0.88	3	Horizontal	338	2.52	-
5670MHz	Pass	AV	3.78G	48.68	54.00	-5.32	3	Vertical	328	1.95	-
5670MHz	Pass	AV	11.32872G	46.60	54.00	-7.40	3	Vertical	87	1.12	-
5670MHz	Pass	PK	3.77996G	53.06	74.00	-20.94	3	Vertical	328	1.95	-
5670MHz	Pass	PK	11.35062G	60.31	74.00	-13.69	3	Vertical	87	1.12	-
5670MHz	Pass	PK	17.00622G	63.03	68.20	-5.17	3	Vertical	100	1.82	-
5670MHz	Pass	AV	3.78002G	47.54	54.00	-6.46	3	Horizontal	36	1.50	-
5670MHz	Pass	AV	11.34792G	46.51	54.00	-7.49	3	Horizontal	230	2.50	-
5670MHz	Pass	PK	3.77996G	52.03	74.00	-21.97	3	Horizontal	36	1.50	-
5670MHz	Pass	PK	11.35398G	59.52	74.00	-14.48	3	Horizontal	230	2.50	-
5670MHz	Pass	PK	17.02086G	62.05	68.20	-6.15	3	Horizontal	57	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.458G	47.10	54.00	-6.90	3	Vertical	3	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.698G	105.82	Inf	-Inf	3	Vertical	3	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	58.83	68.20	-9.37	3	Vertical	3	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6932G	117.76	Inf	-Inf	3	Vertical	3	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8528G	66.79	68.20	-1.41	3	Vertical	3	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4472G	47.28	54.00	-6.72	3	Horizontal	0	2.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7256G	107.74	Inf	-Inf	3	Horizontal	0	2.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	59.63	68.20	-8.57	3	Horizontal	0	2.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.698G	119.61	Inf	-Inf	3	Horizontal	0	2.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8504G	67.51	68.20	-0.69	3	Horizontal	0	2.02	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	3.80665G	49.19	54.00	-4.81	3	Vertical	329	1.93	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43056G	46.59	54.00	-7.41	3	Vertical	60	2.32	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	3.80671G	53.15	74.00	-20.85	3	Vertical	329	1.93	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40854G	59.68	74.00	-14.32	3	Vertical	60	2.32	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12718G	63.95	68.20	-4.25	3	Vertical	287	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	3.80666G	48.34	54.00	-5.66	3	Horizontal	35	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41226G	46.75	54.00	-7.25	3	Horizontal	174	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	3.80673G	52.34	74.00	-21.66	3	Horizontal	35	1.50	-

Remark :

Page No. : D6 of D76

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41514G	60.11	74.00	-13.89	3	Horizontal	174	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.14314G	64.05	68.20	-4.15	3	Horizontal	88	1.64	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.142G	47.82	54.00	-6.18	3	Vertical	356	2.07	-
5290MHz	Pass	AV	5.303G	96.14	Inf	-Inf	3	Vertical	356	2.07	-
5290MHz	Pass	AV	5.35G	53.39	54.00	-0.61	3	Vertical	356	2.07	-
5290MHz	Pass	PK	5.097G	60.80	74.00	-13.20	3	Vertical	356	2.07	-
5290MHz	Pass	PK	5.302G	108.34	Inf	-Inf	3	Vertical	356	2.07	-
5290MHz	Pass	PK	5.35G	72.59	74.00	-1.41	3	Vertical	356	2.07	-
5290MHz	Pass	AV	5.148G	47.92	54.00	-6.08	3	Horizontal	13	1.50	-
5290MHz	Pass	AV	5.281G	96.40	Inf	-Inf	3	Horizontal	13	1.50	-
5290MHz	Pass	AV	5.35G	53.55	54.00	-0.45	3	Horizontal	13	1.50	-
5290MHz	Pass	PK	5.096G	60.96	74.00	-13.04	3	Horizontal	13	1.50	-
5290MHz	Pass	PK	5.302G	108.62	Inf	-Inf	3	Horizontal	13	1.50	-
5290MHz	Pass	PK	5.36G	71.34	74.00	-2.66	3	Horizontal	13	1.50	-
5290MHz	Pass	AV	3.52666G	44.21	54.00	-9.79	3	Vertical	317	1.50	-
5290MHz	Pass	AV	15.85524G	45.68	54.00	-8.32	3	Vertical	117	1.50	-
5290MHz	Pass	PK	3.52672G	50.62	74.00	-23.38	3	Vertical	317	1.50	-
5290MHz	Pass	PK	10.58864G	59.85	68.20	-8.35	3	Vertical	301	2.97	-
5290MHz	Pass	PK	15.8562G	58.78	74.00	-15.22	3	Vertical	117	1.50	-
5290MHz	Pass	AV	3.52667G	51.81	54.00	-2.19	3	Horizontal	46	2.22	-
5290MHz	Pass	AV	15.85584G	45.70	54.00	-8.30	3	Horizontal	260	1.50	-
5290MHz	Pass	PK	3.52672G	55.45	74.00	-18.55	3	Horizontal	46	2.22	-
5290MHz	Pass	PK	10.58234G	59.75	68.20	-8.45	3	Horizontal	193	1.50	-
5290MHz	Pass	PK	15.86448G	59.23	74.00	-14.77	3	Horizontal	260	1.50	-
5530MHz	Pass	AV	5.46G	49.94	54.00	-4.06	3	Vertical	353	2.31	-
5530MHz	Pass	AV	5.519G	94.58	Inf	-Inf	3	Vertical	353	2.31	-
5530MHz	Pass	PK	5.468G	67.66	68.20	-0.54	3	Vertical	353	2.31	-
5530MHz	Pass	PK	5.494G	109.39	Inf	-Inf	3	Vertical	353	2.31	-
5530MHz	Pass	PK	5.773G	61.01	68.20	-7.19	3	Vertical	353	2.31	-
5530MHz	Pass	AV	5.46G	49.35	54.00	-4.65	3	Horizontal	40	1.48	-
5530MHz	Pass	AV	5.518G	93.59	Inf	-Inf	3	Horizontal	40	1.48	-
5530MHz	Pass	PK	5.468G	65.01	68.20	-3.19	3	Horizontal	40	1.48	-
5530MHz	Pass	PK	5.515G	105.31	Inf	-Inf	3	Horizontal	40	1.48	-
5530MHz	Pass	PK	5.743G	60.32	68.20	-7.88	3	Horizontal	40	1.48	-
5530MHz	Pass	AV	3.68666G	45.83	54.00	-8.17	3	Vertical	325	1.50	-
5530MHz	Pass	AV	11.04728G	47.07	54.00	-6.93	3	Vertical	167	2.93	-
5530MHz	Pass	PK	3.68664G	51.36	74.00	-22.64	3	Vertical	325	1.50	-
5530MHz	Pass	PK	11.04638G	60.81	74.00	-13.19	3	Vertical	167	2.93	-
5530MHz	Pass	PK	16.6008G	61.85	68.20	-6.35	3	Vertical	98	1.50	-
5530MHz	Pass	AV	3.68672G	45.77	54.00	-8.23	3	Horizontal	295	2.21	-
5530MHz	Pass	AV	11.0483G	47.06	54.00	-6.94	3	Horizontal	145	2.31	-
5530MHz	Pass	PK	3.68676G	51.51	74.00	-22.49	3	Horizontal	295	2.21	-
5530MHz	Pass	PK	11.07176G	60.49	74.00	-13.51	3	Horizontal	145	2.31	-
5530MHz	Pass	PK	16.5933G	61.43	68.20	-6.77	3	Horizontal	200	1.50	-
5610MHz	Pass	AV	5.46G	49.12	54.00	-4.88	3	Vertical	359	1.50	-
5610MHz	Pass	AV	5.599G	97.38	Inf	-Inf	3	Vertical	359	1.50	-
5610MHz	Pass	PK	5.469G	63.64	68.20	-4.56	3	Vertical	359	1.50	-
5610MHz	Pass	PK	5.609G	109.68	Inf	-Inf	3	Vertical	359	1.50	-

Remark :

Page No. : D7 of D76

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 1\_Radio 3\_2T1S**

**Appendix D.20**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.728G	66.62	68.20	-1.58	3	Vertical	359	1.50	-
5610MHz	Pass	AV	5.459G	50.28	54.00	-3.72	3	Horizontal	327	2.49	-
5610MHz	Pass	AV	5.611G	100.82	Inf	-Inf	3	Horizontal	327	2.49	-
5610MHz	Pass	PK	5.463G	64.85	68.20	-3.35	3	Horizontal	327	2.49	-
5610MHz	Pass	PK	5.608G	113.19	Inf	-Inf	3	Horizontal	327	2.49	-
5610MHz	Pass	PK	5.727G	68.05	68.20	-0.15	3	Horizontal	327	2.49	-
5610MHz	Pass	AV	3.74002G	46.86	54.00	-7.14	3	Vertical	322	1.50	-
5610MHz	Pass	AV	11.2188G	46.67	54.00	-7.33	3	Vertical	0	2.33	-
5610MHz	Pass	PK	3.74003G	52.28	74.00	-21.72	3	Vertical	322	1.50	-
5610MHz	Pass	PK	11.22006G	60.34	74.00	-13.66	3	Vertical	0	2.33	-
5610MHz	Pass	PK	16.83108G	61.77	68.20	-6.43	3	Vertical	40	1.61	-
5610MHz	Pass	AV	3.74002G	45.85	54.00	-8.15	3	Horizontal	29	1.50	-
5610MHz	Pass	AV	11.2197G	46.61	54.00	-7.39	3	Horizontal	146	1.50	-
5610MHz	Pass	PK	3.74005G	51.63	74.00	-22.37	3	Horizontal	29	1.50	-
5610MHz	Pass	PK	11.23044G	60.11	74.00	-13.89	3	Horizontal	146	1.50	-
5610MHz	Pass	PK	16.82418G	61.32	68.20	-6.88	3	Horizontal	295	2.77	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	47.40	54.00	-6.60	3	Vertical	0	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6792G	101.71	Inf	-Inf	3	Vertical	0	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	60.88	68.20	-7.32	3	Vertical	0	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6756G	114.29	Inf	-Inf	3	Vertical	0	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	65.95	68.20	-2.25	3	Vertical	0	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	47.98	54.00	-6.02	3	Horizontal	3	2.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7032G	101.80	Inf	-Inf	3	Horizontal	3	2.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	61.75	68.20	-6.45	3	Horizontal	3	2.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.702G	114.21	Inf	-Inf	3	Horizontal	3	2.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	67.94	68.20	-0.26	3	Horizontal	3	2.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	3.79335G	48.57	54.00	-5.43	3	Vertical	330	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39236G	46.09	54.00	-7.91	3	Vertical	357	1.10	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	3.79343G	53.34	74.00	-20.66	3	Vertical	330	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3815G	59.71	74.00	-14.29	3	Vertical	357	1.10	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07384G	63.56	68.20	-4.64	3	Vertical	40	1.75	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	3.79334G	47.87	54.00	-6.13	3	Horizontal	33	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3896G	46.08	54.00	-7.92	3	Horizontal	69	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	3.79341G	52.27	74.00	-21.73	3	Horizontal	33	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38426G	59.55	74.00	-14.45	3	Horizontal	69	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07432G	64.38	68.20	-3.82	3	Horizontal	317	1.94	-

Remark :

Page No. : D8 of D76

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

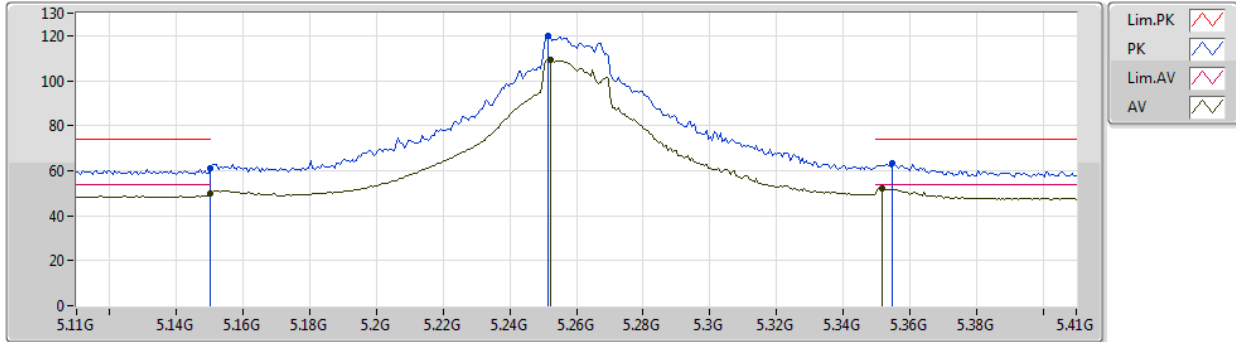
970235-01



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5260MHz\_TX



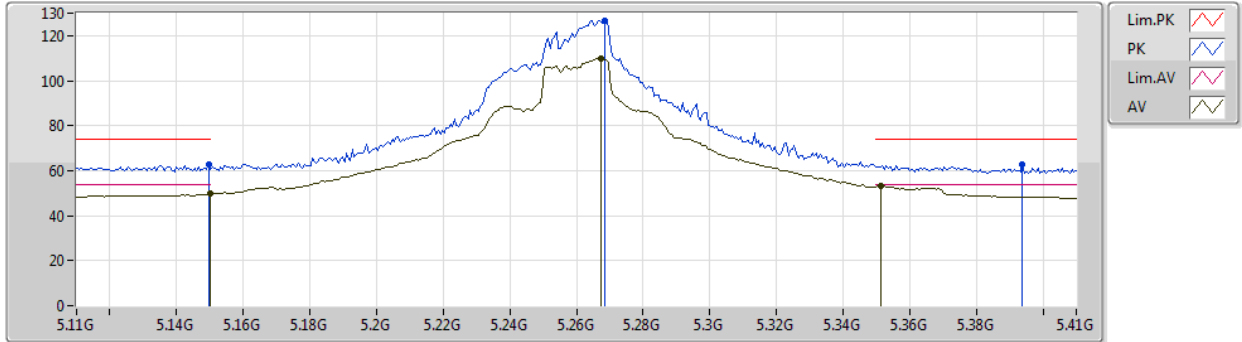
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AV	5.15G	49.83	54.00	-4.17	7.83	3	Vertical	25	2.25	-	42.00	31.80	10.08	34.05
AV	5.252G	109.08	Inf	-Inf	7.44	3	Vertical	25	2.25	-	101.64	31.39	10.11	34.06
AV	5.3518G	51.99	54.00	-2.01	7.46	3	Vertical	25	2.25	-	44.53	31.36	10.16	34.06
PK	5.15G	60.90	74.00	-13.10	7.83	3	Vertical	25	2.25	-	53.07	31.80	10.08	34.05
PK	5.2516G	119.81	Inf	-Inf	7.44	3	Vertical	25	2.25	-	112.37	31.39	10.11	34.06
PK	5.3548G	63.11	74.00	-10.89	7.46	3	Vertical	25	2.25	-	55.65	31.36	10.16	34.06



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5260MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	49.71	54.00	-4.29	7.83	3	Horizontal	354	1.50	-	41.88	31.80	10.08	34.05
AV	5.2672G	109.94	Inf	-Inf	7.38	3	Horizontal	354	1.50	-	102.56	31.33	10.11	34.06
AV	5.3512G	53.39	54.00	-0.61	7.45	3	Horizontal	354	1.50	-	45.94	31.35	10.16	34.06
PK	5.1496G	62.57	74.00	-11.43	7.83	3	Horizontal	354	1.50	-	54.74	31.80	10.08	34.05
PK	5.2684G	126.84	Inf	-Inf	7.39	3	Horizontal	354	1.50	-	119.45	31.33	10.12	34.06
PK	5.3938G	62.50	74.00	-11.50	7.60	3	Horizontal	354	1.50	-	54.90	31.48	10.18	34.06

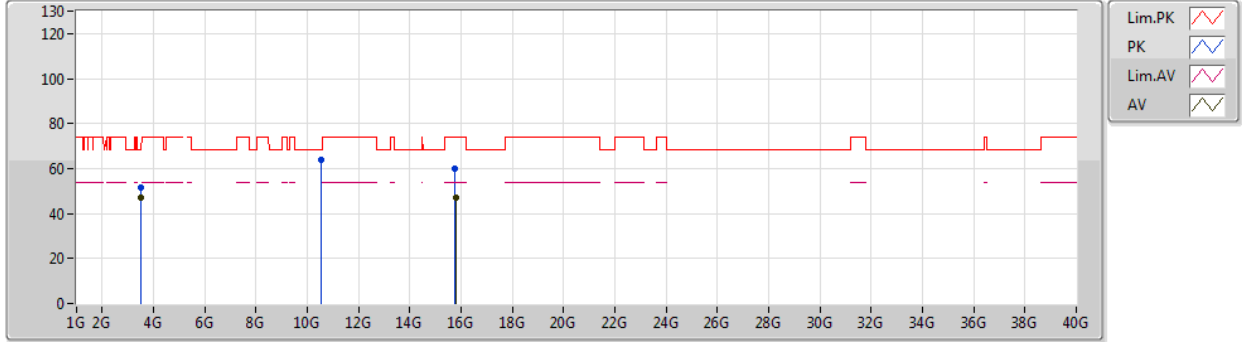




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5260MHz\_TX



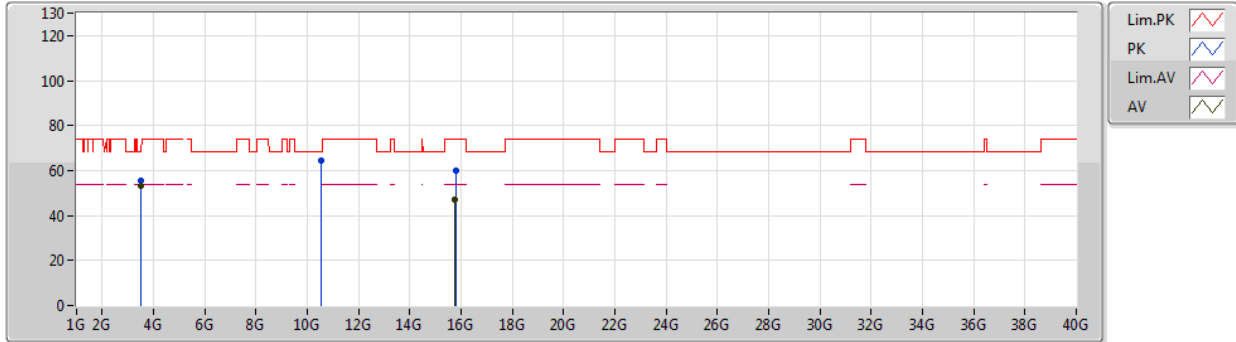
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AV	3.50668G	46.93	54.00	-7.07	4.20	3	Vertical	18	1.87	-	42.73	28.73	9.49	34.02
AV	15.78464G	47.29	54.00	-6.71	17.64	3	Vertical	127	2.08	-	29.65	38.17	13.73	34.26
PK	3.50652G	51.78	74.00	-22.22	4.20	3	Vertical	18	1.87	-	47.58	28.73	9.49	34.02
PK	10.52752G	64.13	68.20	-4.07	18.21	3	Vertical	25	2.26	-	45.92	39.59	13.06	34.44
PK	15.77396G	59.94	74.00	-14.06	17.68	3	Vertical	127	2.08	-	42.26	38.20	13.73	34.25



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5260MHz\_TX



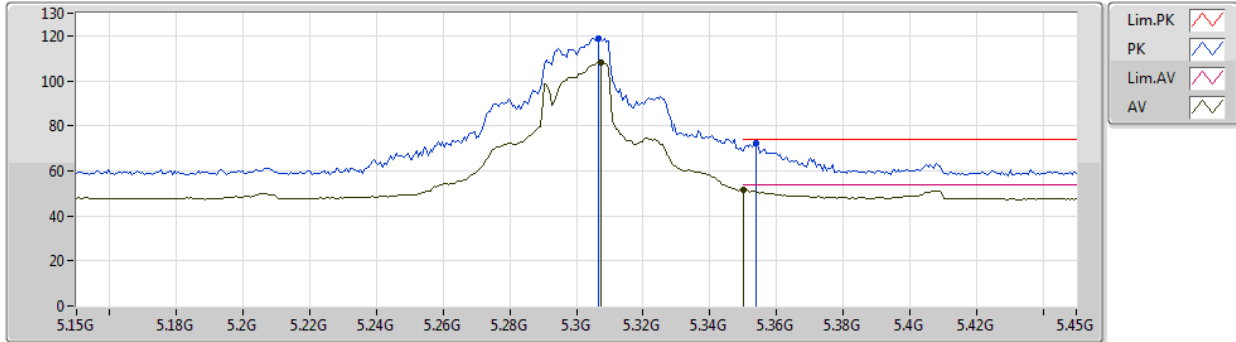
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.50668G	52.97	54.00	-1.03	4.20	3	Horizontal	169	1.47	-	48.77	28.73	9.49	34.02
AV	15.7782G	46.86	54.00	-7.14	17.67	3	Horizontal	282	1.78	-	29.19	38.19	13.73	34.25
PK	3.50669G	55.57	74.00	-18.43	4.20	3	Horizontal	169	1.47	-	51.37	28.73	9.49	34.02
PK	10.52748G	64.24	68.20	-3.96	18.21	3	Horizontal	236	1.22	-	46.03	39.59	13.06	34.44
PK	15.78588G	59.72	74.00	-14.28	17.63	3	Horizontal	282	1.78	-	42.09	38.16	13.73	34.26



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5300MHz\_TX



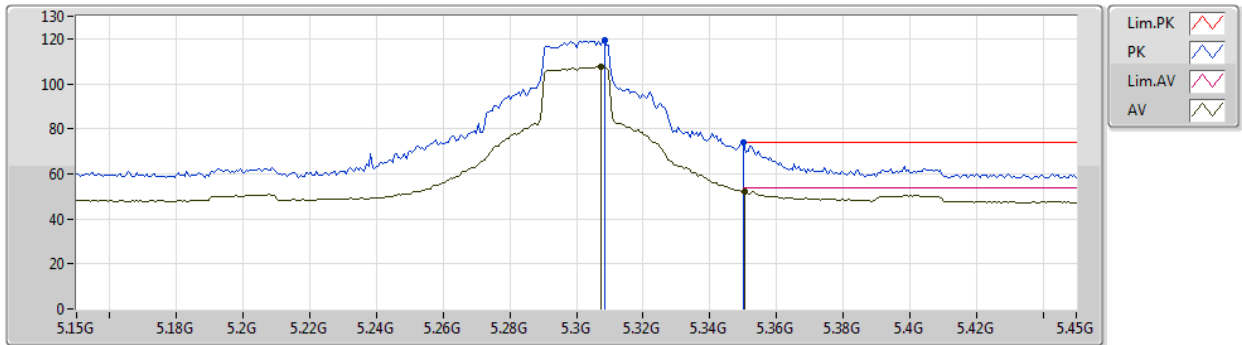
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AV	5.3072G	108.09	Inf	-Inf	7.30	3	Vertical	355	2.04	-	100.79	31.22	10.14	34.06
AV	5.35G	51.41	54.00	-2.59	7.45	3	Vertical	355	2.04	-	43.96	31.35	10.16	34.06
PK	5.3066G	118.97	Inf	-Inf	7.30	3	Vertical	355	2.04	-	111.67	31.22	10.14	34.06
PK	5.354G	72.25	74.00	-1.75	7.46	3	Vertical	355	2.04	-	64.79	31.36	10.16	34.06



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5300MHz\_TX



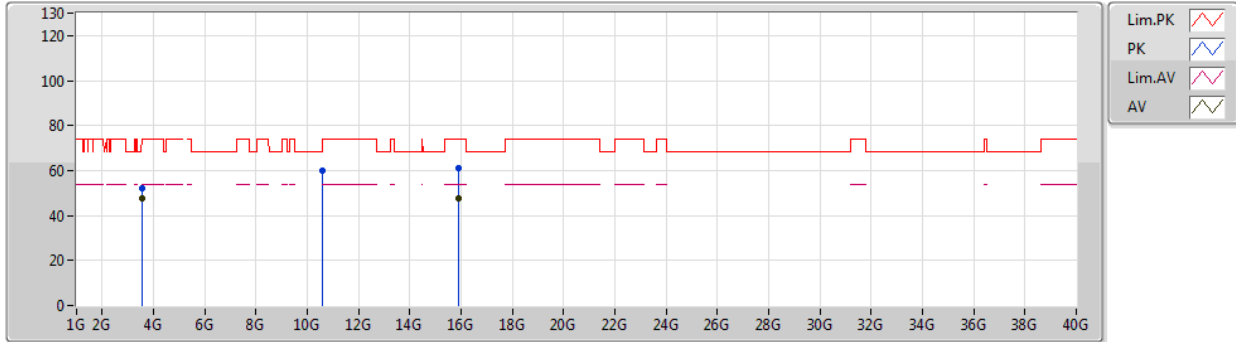
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AV	5.3072G	107.42	Inf	-Inf	7.30	3	Horizontal	17	1.50	-	100.12	31.22	10.14	34.06
AV	5.3504G	52.03	54.00	-1.97	7.45	3	Horizontal	17	1.50	-	44.58	31.35	10.16	34.06
PK	5.3084G	119.20	Inf	-Inf	7.31	3	Horizontal	17	1.50	-	111.89	31.23	10.14	34.06
PK	5.35G	73.76	74.00	-0.24	7.45	3	Horizontal	17	1.50	-	66.31	31.35	10.16	34.06



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5300MHz\_TX



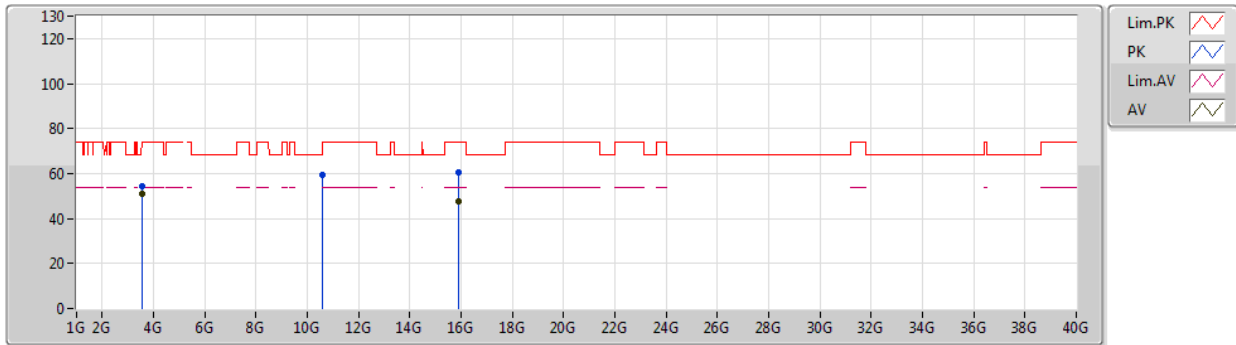
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AV	3.533333G	47.67	54.00	-6.33	4.31	3	Vertical	318	1.12	-	43.36	28.83	9.50	34.02
AV	15.89838G	47.68	54.00	-6.32	17.17	3	Vertical	319	2.68	-	30.51	37.82	13.73	34.38
PK	3.53336G	52.11	74.00	-21.89	4.31	3	Vertical	318	1.12	-	47.80	28.83	9.50	34.02
PK	10.59478G	59.68	68.20	-8.52	18.37	3	Vertical	20	1.50	-	41.31	39.67	13.10	34.40
PK	15.8916G	61.07	74.00	-12.93	17.20	3	Vertical	319	2.68	-	43.87	37.84	13.73	34.37



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5300MHz\_TX



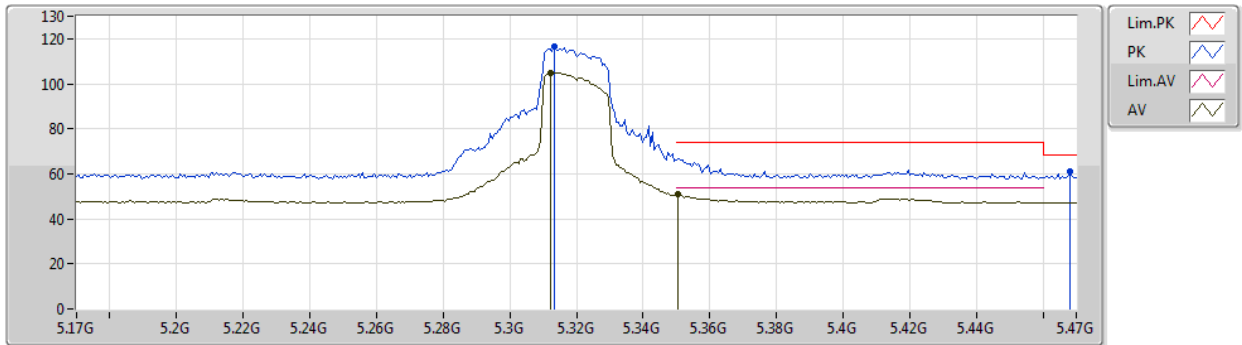
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.53333G	51.15	54.00	-2.85	4.31	3	Horizontal	305	1.10	-	46.84	28.83	9.50	34.02
AV	15.89142G	47.52	54.00	-6.48	17.20	3	Horizontal	316	1.50	-	30.32	37.84	13.73	34.37
PK	3.5334G	54.28	74.00	-19.72	4.31	3	Horizontal	305	1.10	-	49.97	28.83	9.50	34.02
PK	10.58542G	59.31	68.20	-8.89	18.34	3	Horizontal	143	1.50	-	40.97	39.66	13.09	34.41
PK	15.89022G	60.31	74.00	-13.69	17.20	3	Horizontal	316	1.50	-	43.11	37.84	13.73	34.37



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5320MHz\_TX



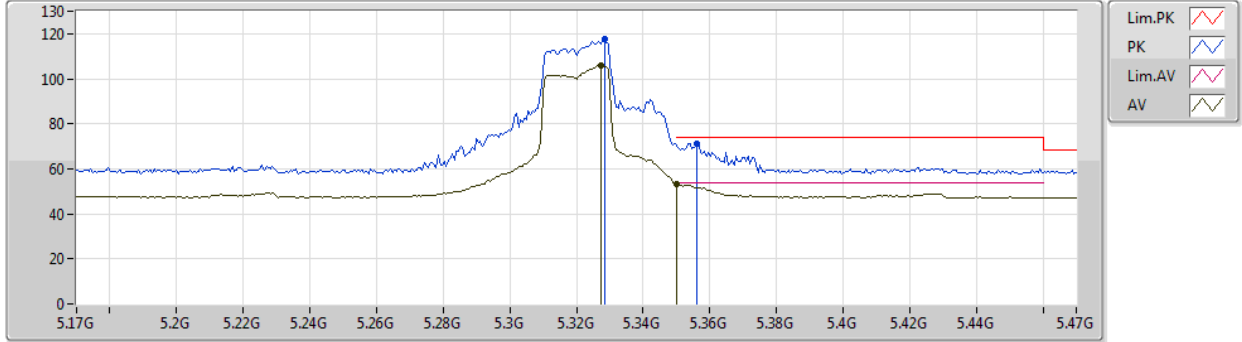
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3122G	104.86	Inf	-Inf	7.32	3	Vertical	359	1.95	-	97.54	31.24	10.14	34.06
AV	5.3506G	50.73	54.00	-3.27	7.45	3	Vertical	359	1.95	-	43.28	31.35	10.16	34.06
PK	5.3134G	116.73	Inf	-Inf	7.32	3	Vertical	359	1.95	-	109.41	31.24	10.14	34.06
PK	5.4682G	61.16	68.20	-7.04	7.84	3	Vertical	359	1.95	-	53.32	31.70	10.21	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5320MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3272G	105.93	Inf	-Inf	7.37	3	Horizontal	15	1.25	-	98.56	31.28	10.15	34.06
AV	5.35G	53.26	54.00	-0.74	7.45	3	Horizontal	15	1.25	-	45.81	31.35	10.16	34.06
PK	5.3284G	117.65	Inf	-Inf	7.38	3	Horizontal	15	1.25	-	110.27	31.29	10.15	34.06
PK	5.356G	71.43	74.00	-2.57	7.47	3	Horizontal	15	1.25	-	63.96	31.37	10.16	34.06

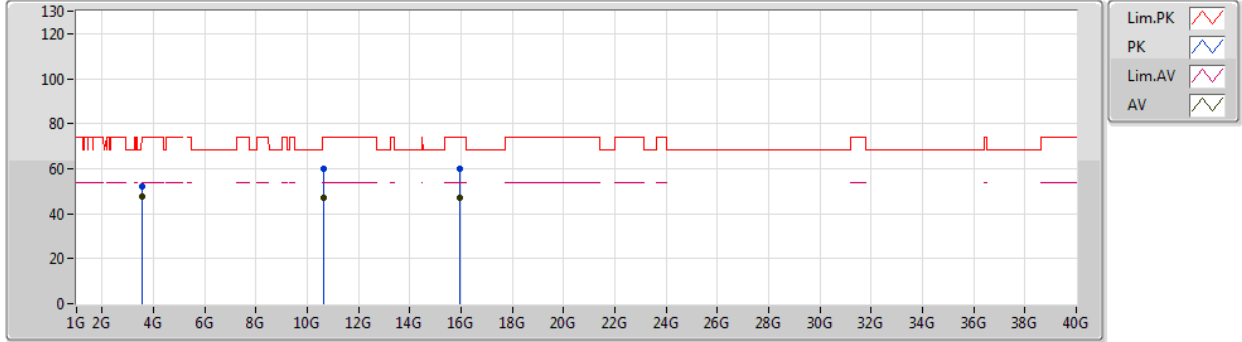




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5320MHz\_TX



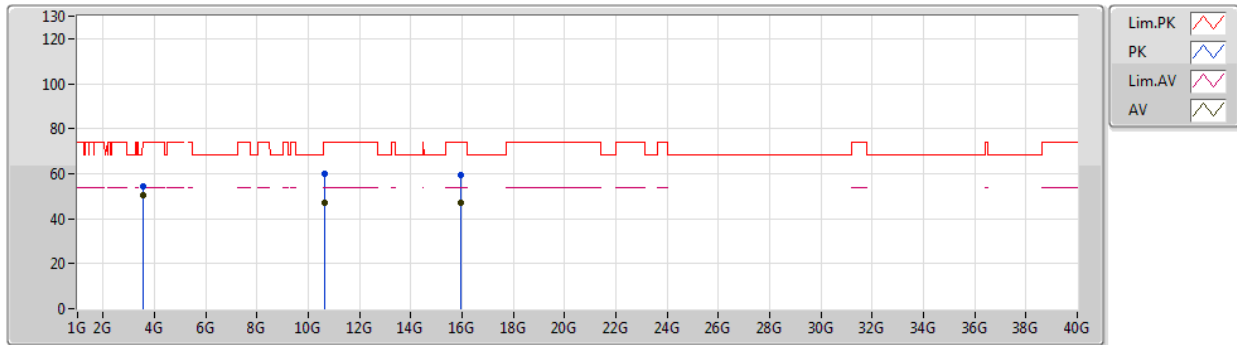
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AV	3.54667G	47.69	54.00	-6.31	4.37	3	Vertical	323	1.02	-	43.32	28.89	9.50	34.02
AV	10.63868G	46.90	54.00	-7.10	18.48	3	Vertical	138	1.66	-	28.42	39.73	13.13	34.38
AV	15.96852G	46.81	54.00	-7.19	16.88	3	Vertical	181	2.09	-	29.93	37.60	13.73	34.45
PK	3.54661G	52.10	74.00	-21.90	4.37	3	Vertical	323	1.02	-	47.73	28.89	9.50	34.02
PK	10.63454G	59.95	74.00	-14.05	18.46	3	Vertical	138	1.66	-	41.49	39.72	13.12	34.38
PK	15.95556G	60.09	74.00	-13.91	16.94	3	Vertical	181	2.09	-	43.15	37.64	13.73	34.43



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5320MHz\_TX



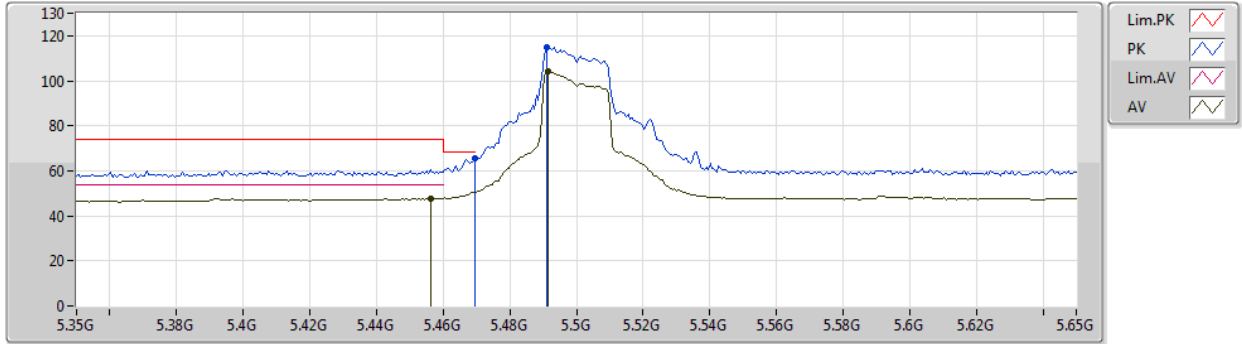
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.54667G	50.18	54.00	-3.82	4.37	3	Horizontal	304	1.12	-	45.81	28.89	9.50	34.02
AV	10.63214G	46.90	54.00	-7.10	18.46	3	Horizontal	147	1.64	-	28.44	39.72	13.12	34.38
AV	15.9678G	46.90	54.00	-7.10	16.88	3	Horizontal	29	1.39	-	30.02	37.60	13.73	34.45
PK	3.54678G	54.44	74.00	-19.56	4.37	3	Horizontal	304	1.12	-	50.07	28.89	9.50	34.02
PK	10.6547G	60.22	74.00	-13.78	18.52	3	Horizontal	147	1.64	-	41.70	39.75	13.14	34.37
PK	15.97398G	59.36	74.00	-14.64	16.86	3	Horizontal	29	1.39	-	42.50	37.58	13.73	34.45



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5500MHz\_TX



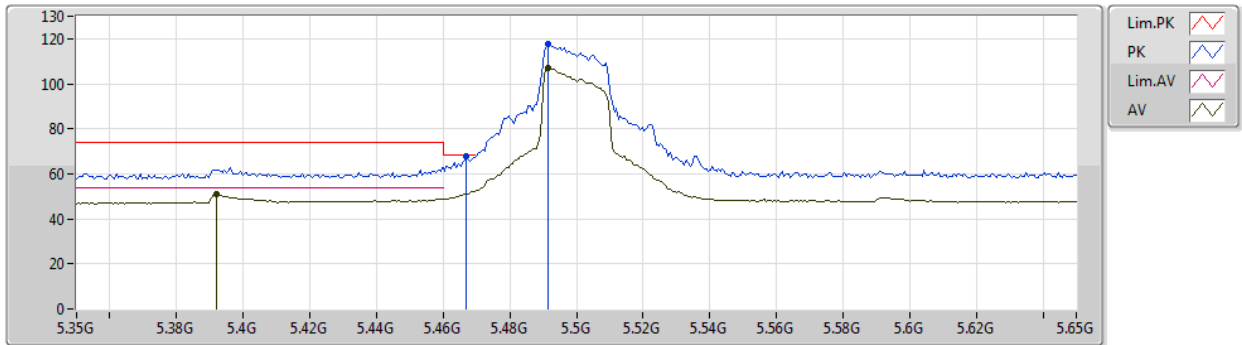
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AV	5.4562G	47.89	54.00	-6.11	7.80	3	Vertical	15	1.48	-	40.09	31.67	10.20	34.07
AV	5.4916G	104.31	Inf	-Inf	7.91	3	Vertical	15	1.48	-	96.40	31.77	10.21	34.07
PK	5.4694G	65.29	68.20	-2.91	7.85	3	Vertical	15	1.48	-	57.44	31.71	10.21	34.07
PK	5.491G	114.88	Inf	-Inf	7.91	3	Vertical	15	1.48	-	106.97	31.77	10.21	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5500MHz\_TX



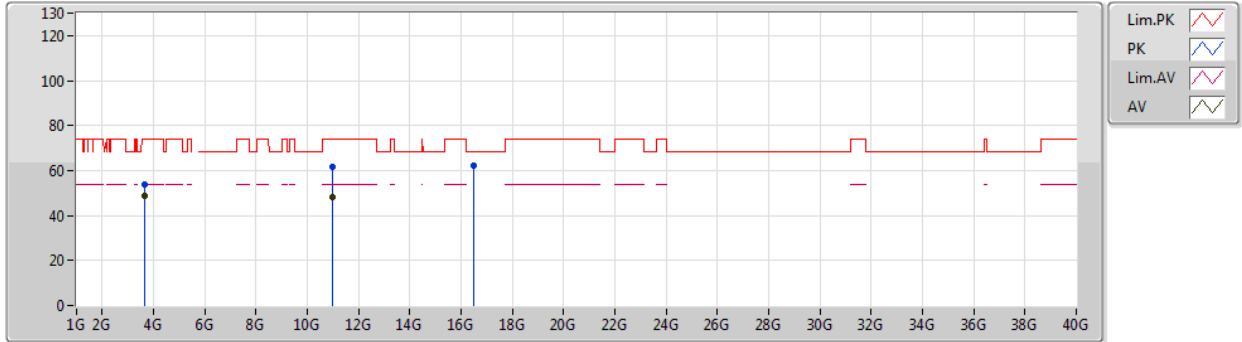
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AV	5.392G	50.77	54.00	-3.23	7.60	3	Horizontal	13	1.49	-	43.17	31.48	10.18	34.06
AV	5.4916G	107.01	Inf	-Inf	7.91	3	Horizontal	13	1.49	-	99.10	31.77	10.21	34.07
PK	5.467G	67.96	68.20	-0.24	7.84	3	Horizontal	13	1.49	-	60.12	31.70	10.21	34.07
PK	5.4916G	117.58	Inf	-Inf	7.91	3	Horizontal	13	1.49	-	109.67	31.77	10.21	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5500MHz\_TX



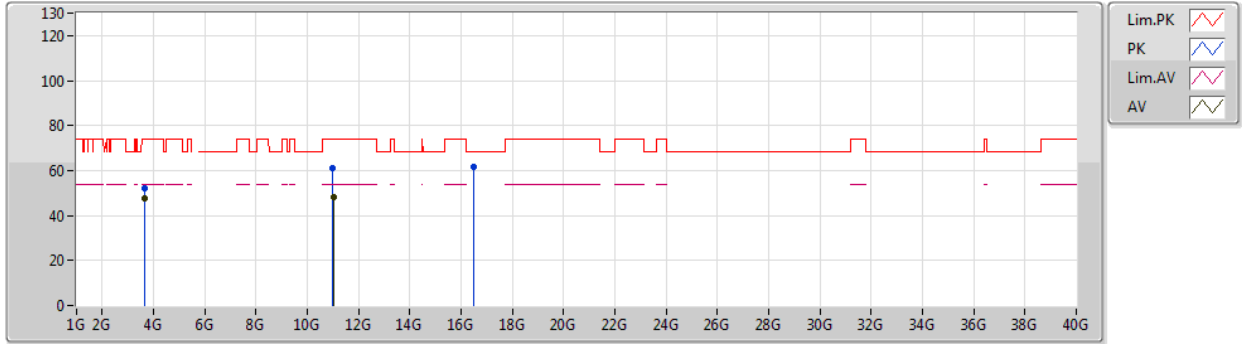
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.66667G	48.83	54.00	-5.17	4.68	3	Vertical	322	1.41	-	44.15	29.17	9.52	34.01
AV	11.00228G	47.93	54.00	-6.07	19.38	3	Vertical	0	2.39	-	28.55	40.20	13.34	34.16
PK	3.66675G	53.69	74.00	-20.31	4.68	3	Vertical	322	1.41	-	49.01	29.17	9.52	34.01
PK	11.00402G	61.73	74.00	-12.27	19.37	3	Vertical	0	2.39	-	42.36	40.19	13.34	34.16
PK	16.5045G	62.09	68.20	-6.11	19.00	3	Vertical	62	1.32	-	43.09	38.86	14.09	33.95



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5500MHz\_TX



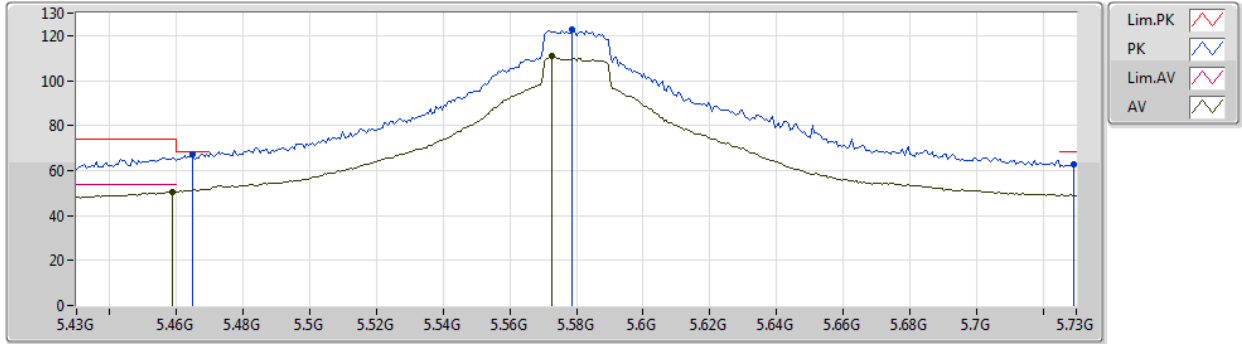
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AV	3.66668G	47.70	54.00	-6.30	4.68	3	Horizontal	301	2.10	-	43.02	29.17	9.52	34.01
AV	11.0093G	48.10	54.00	-5.90	19.37	3	Horizontal	172	1.81	-	28.73	40.19	13.34	34.16
PK	3.66678G	52.32	74.00	-21.68	4.68	3	Horizontal	301	2.10	-	47.64	29.17	9.52	34.01
PK	10.9889G	61.08	74.00	-12.92	19.35	3	Horizontal	172	1.81	-	41.73	40.19	13.33	34.17
PK	16.50096G	61.70	68.20	-6.50	18.99	3	Horizontal	31	1.11	-	42.71	38.85	14.09	33.95



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5580MHz\_TX



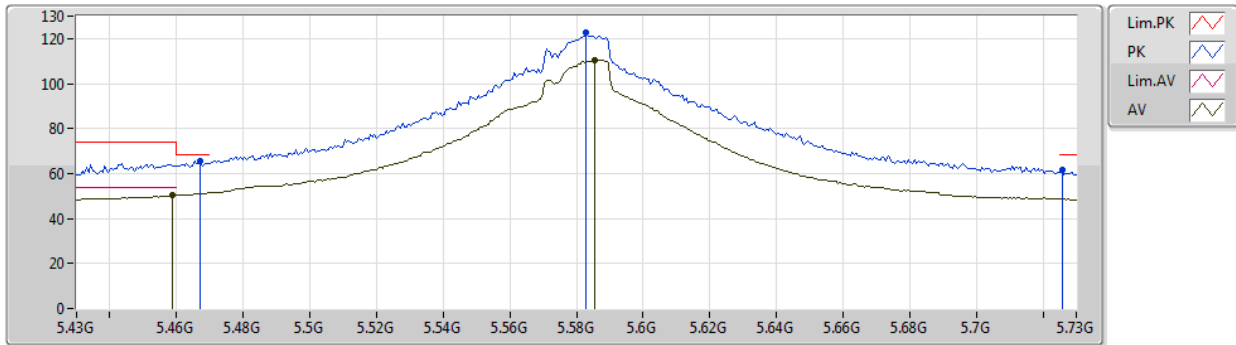
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	50.47	54.00	-3.53	7.81	3	Vertical	355	2.13	-	42.66	31.68	10.20	34.07
AV	5.5728G	110.70	Inf	-Inf	7.82	3	Vertical	355	2.13	-	102.88	31.65	10.24	34.07
PK	5.4648G	67.24	68.20	-0.96	7.83	3	Vertical	355	2.13	-	59.41	31.69	10.21	34.07
PK	5.5788G	122.77	Inf	-Inf	7.81	3	Vertical	355	2.13	-	114.96	31.64	10.24	34.07
PK	5.7294G	62.58	68.20	-5.62	8.22	3	Vertical	355	2.13	-	54.36	31.89	10.40	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5580MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	50.57	54.00	-3.43	7.81	3	Horizontal	7	2.92	-	42.76	31.68	10.20	34.07
AV	5.5854G	110.41	Inf	-Inf	7.80	3	Horizontal	7	2.92	-	102.61	31.63	10.24	34.07
PK	5.4672G	65.38	68.20	-2.82	7.84	3	Horizontal	7	2.92	-	57.54	31.70	10.21	34.07
PK	5.583G	122.62	Inf	-Inf	7.80	3	Horizontal	7	2.92	-	114.82	31.63	10.24	34.07
PK	5.7258G	61.89	68.20	-6.31	8.21	3	Horizontal	7	2.92	-	53.68	31.88	10.40	34.07

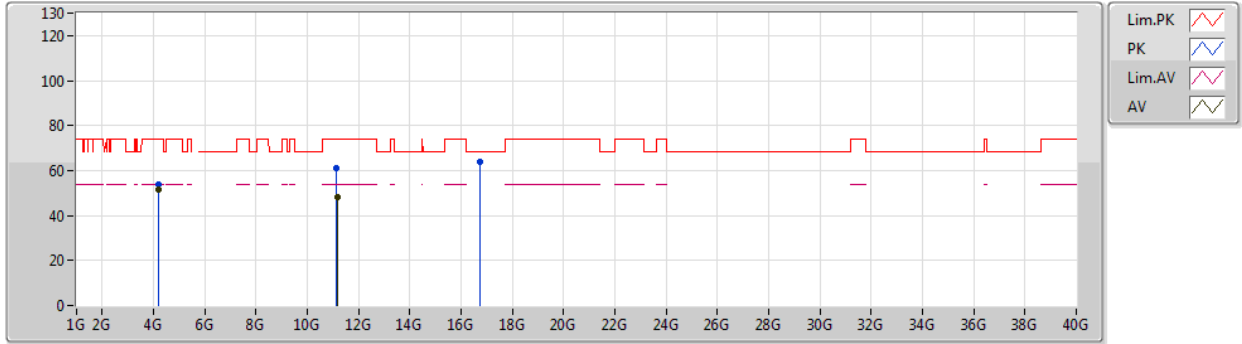




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5580MHz\_TX



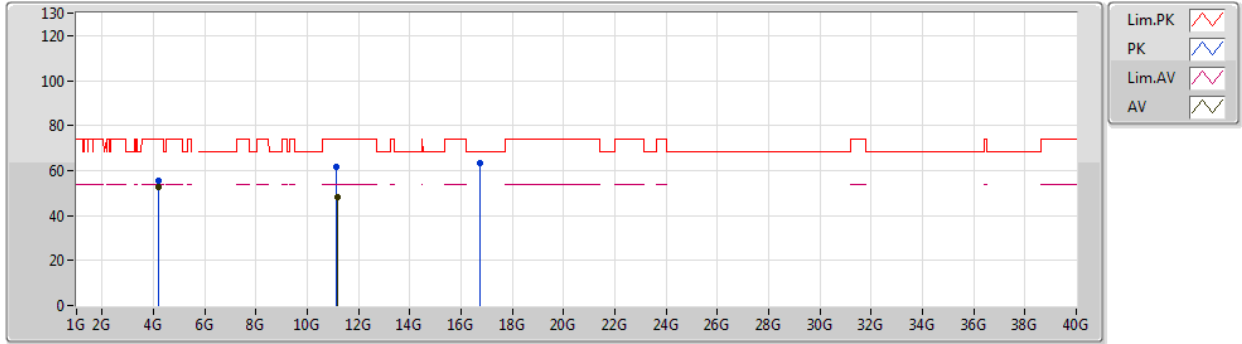
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AV	4.18501G	51.83	54.00	-2.17	5.60	3	Vertical	60	1.44	-	46.23	29.97	9.65	34.02
AV	11.16G	47.93	54.00	-6.07	19.25	3	Vertical	44	1.04	-	28.68	39.99	13.43	34.17
PK	4.18502G	53.90	74.00	-20.10	5.60	3	Vertical	60	1.44	-	48.30	29.97	9.65	34.02
PK	11.1492G	61.17	74.00	-12.83	19.26	3	Vertical	44	1.04	-	41.91	40.01	13.42	34.17
PK	16.73826G	63.68	68.20	-4.52	20.05	3	Vertical	283	1.84	-	43.63	39.49	14.26	33.70



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5580MHz\_TX



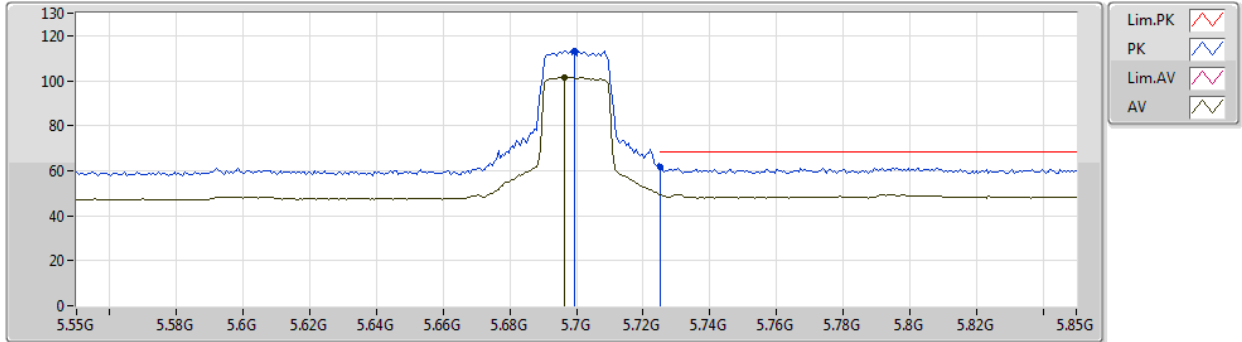
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AV	4.18501G	52.60	54.00	-1.40	5.60	3	Horizontal	68	2.22	-	47.00	29.97	9.65	34.02
AV	11.15874G	47.92	54.00	-6.08	19.25	3	Horizontal	31	2.34	-	28.67	39.99	13.43	34.17
PK	4.18498G	55.20	74.00	-18.80	5.60	3	Horizontal	68	2.22	-	49.60	29.97	9.65	34.02
PK	11.15412G	61.59	74.00	-12.41	19.25	3	Horizontal	31	2.34	-	42.34	40.00	13.42	34.17
PK	16.7436G	63.57	68.20	-4.63	20.07	3	Horizontal	339	1.50	-	43.50	39.51	14.26	33.70



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5700MHz\_TX



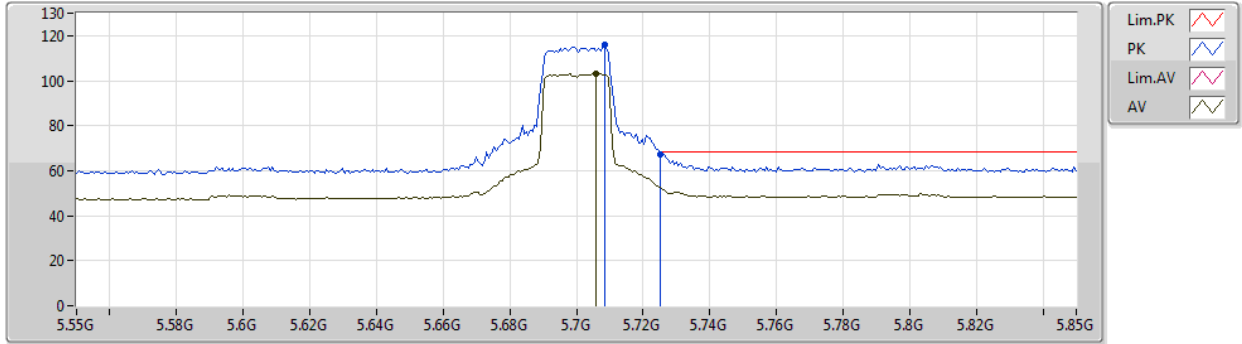
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6964G	101.46	Inf	-Inf	8.08	3	Vertical	3	1.50	-	93.38	31.79	10.36	34.07
PK	5.6994G	113.22	Inf	-Inf	8.09	3	Vertical	3	1.50	-	105.13	31.80	10.36	34.07
PK	5.7252G	61.65	68.20	-6.55	8.21	3	Vertical	3	1.50	-	53.44	31.88	10.40	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

18/11/2019

5700MHz\_TX



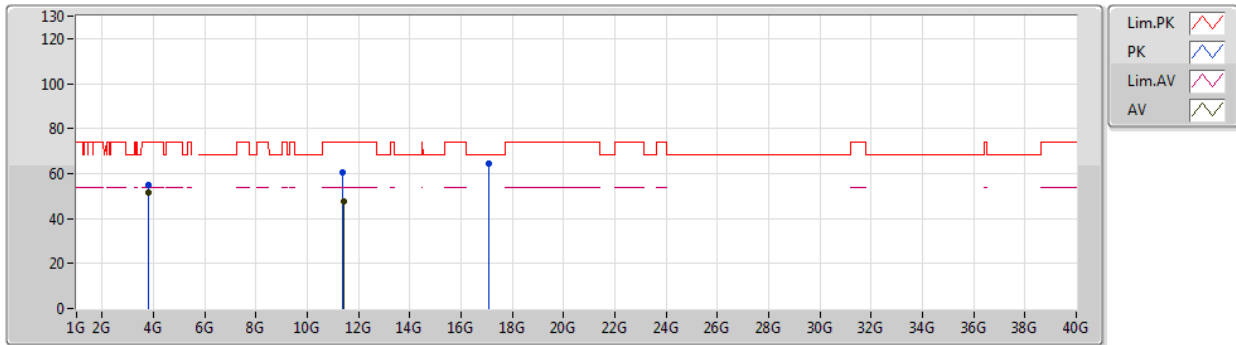
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AV	5.706G	102.93	Inf	-Inf	8.12	3	Horizontal	6	1.00	-	94.81	31.82	10.37	34.07
PK	5.7084G	115.77	Inf	-Inf	8.14	3	Horizontal	6	1.00	-	107.63	31.83	10.38	34.07
PK	5.7252G	67.44	68.20	-0.76	8.21	3	Horizontal	6	1.00	-	59.23	31.88	10.40	34.07



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5700MHz\_TX



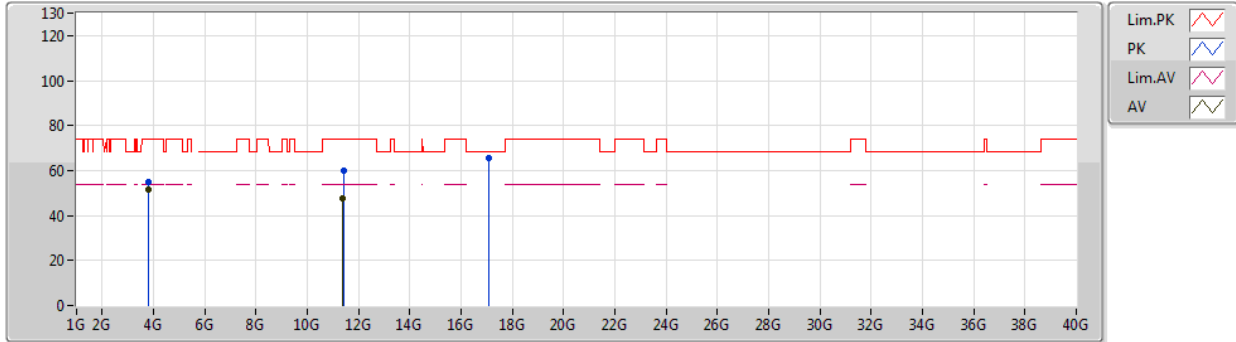
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AV	3.79999G	51.75	54.00	-2.25	4.81	3	Vertical	331	1.78	-	46.94	29.30	9.51	34.00
AV	11.40588G	47.43	54.00	-6.57	19.06	3	Vertical	161	1.84	-	28.37	39.67	13.57	34.18
PK	3.79995G	54.87	74.00	-19.13	4.81	3	Vertical	331	1.78	-	50.06	29.30	9.51	34.00
PK	11.39022G	60.50	74.00	-13.50	19.07	3	Vertical	161	1.84	-	41.43	39.69	13.56	34.18
PK	17.09634G	64.61	68.20	-3.59	21.92	3	Vertical	358	1.89	-	42.69	40.86	14.51	33.45



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5700MHz\_TX



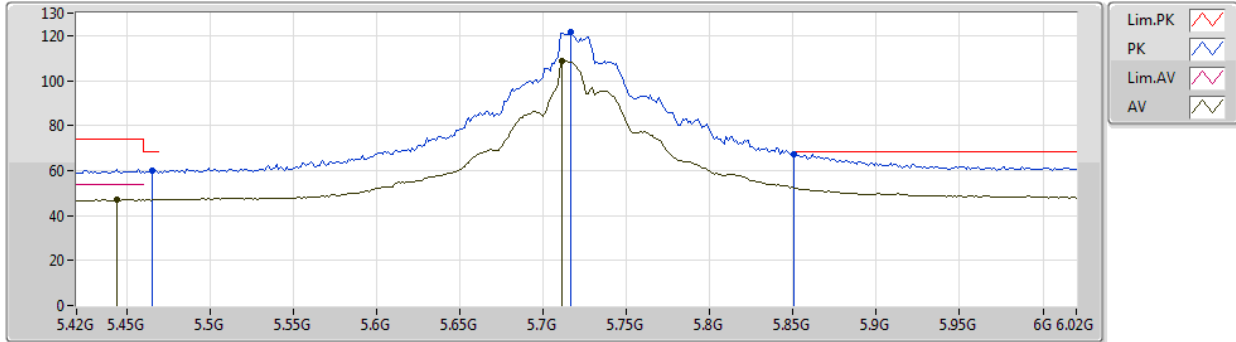
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.8G	51.43	54.00	-2.57	4.81	3	Horizontal	34	1.50	-	46.62	29.30	9.51	34.00
AV	11.3994G	47.44	54.00	-6.56	19.07	3	Horizontal	241	1.45	-	28.37	39.68	13.57	34.18
PK	3.79995G	54.81	74.00	-19.19	4.81	3	Horizontal	34	1.50	-	50.00	29.30	9.51	34.00
PK	11.41104G	60.06	74.00	-13.94	19.06	3	Horizontal	241	1.45	-	41.00	39.67	13.57	34.18
PK	17.0994G	65.36	68.20	-2.84	21.96	3	Horizontal	119	1.75	-	43.40	40.89	14.52	33.45



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5720MHz Straddle 5.47-5.725GHz\_TX



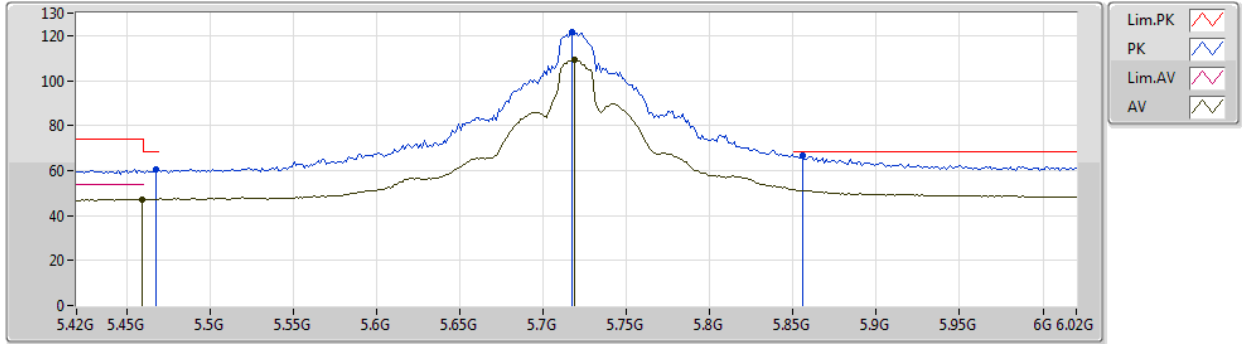
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.444G	47.11	54.00	-6.89	7.77	3	Vertical	2	1.50	-	39.34	31.63	10.20	34.06
AV	5.7116G	108.93	Inf	-Inf	8.14	3	Vertical	2	1.50	-	100.79	31.83	10.38	34.07
PK	5.4656G	60.00	68.20	-8.20	7.84	3	Vertical	2	1.50	-	52.16	31.70	10.21	34.07
PK	5.7164G	121.49	Inf	-Inf	8.17	3	Vertical	2	1.50	-	113.32	31.85	10.39	34.07
PK	5.8508G	67.04	68.20	-1.16	8.68	3	Vertical	2	1.50	-	58.36	32.25	10.51	34.08



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5720MHz Straddle 5.47-5.725GHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.23	54.00	-6.77	7.81	3	Horizontal	6	1.50	-	39.42	31.68	10.20	34.07
AV	5.7188G	109.46	Inf	-Inf	8.18	3	Horizontal	6	1.50	-	101.28	31.86	10.39	34.07
PK	5.468G	60.31	68.20	-7.89	7.84	3	Horizontal	6	1.50	-	52.47	31.70	10.21	34.07
PK	5.7176G	121.35	Inf	-Inf	8.17	3	Horizontal	6	1.50	-	113.18	31.85	10.39	34.07
PK	5.8556G	66.53	68.20	-1.67	8.70	3	Horizontal	6	1.50	-	57.83	32.27	10.51	34.08

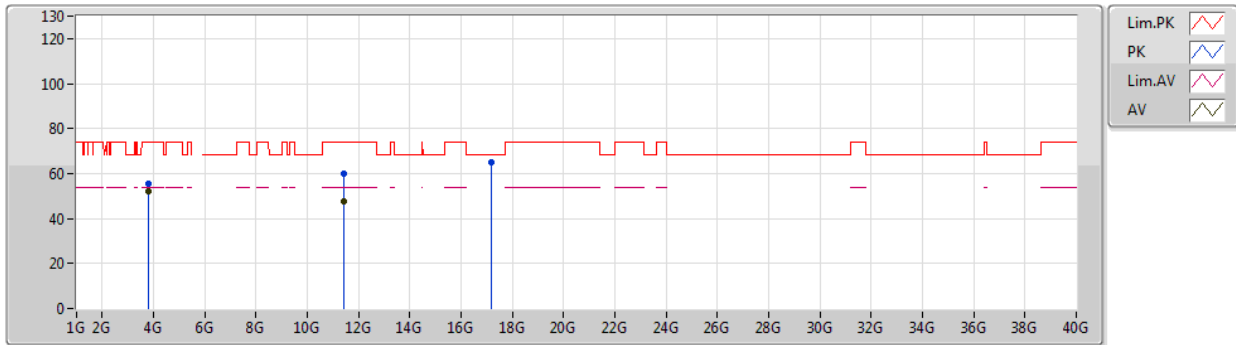




802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5720MHz Straddle 5.47-5.725GHz\_TX



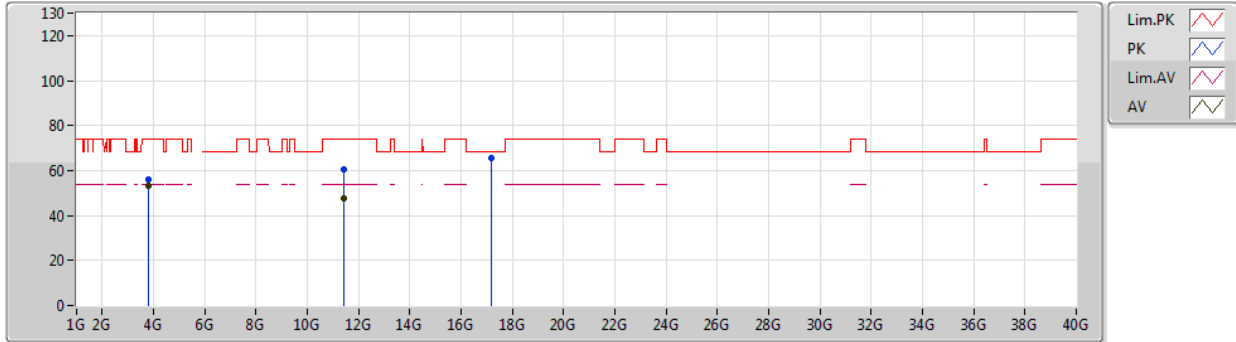
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.81336G	52.08	54.00	-1.92	4.86	3	Vertical	331	1.92	-	47.22	29.34	9.52	34.00
AV	11.42986G	47.53	54.00	-6.47	19.03	3	Vertical	235	1.69	-	28.50	39.64	13.58	34.19
PK	3.8134G	55.23	74.00	-18.77	4.86	3	Vertical	331	1.92	-	50.37	29.34	9.52	34.00
PK	11.43262G	60.22	74.00	-13.78	19.04	3	Vertical	235	1.69	-	41.18	39.64	13.59	34.19
PK	17.16672G	65.15	68.20	-3.05	22.45	3	Vertical	82	1.76	-	42.70	41.35	14.56	33.46



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

21/11/2019

5720MHz Straddle 5.47-5.725GHz\_TX



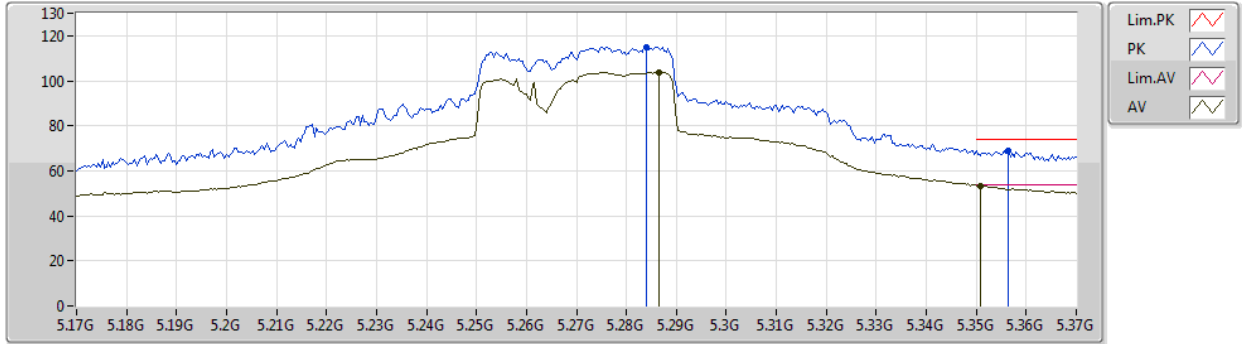
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.81337G	53.32	54.00	-0.68	4.86	3	Horizontal	321	2.11	-	48.46	29.34	9.52	34.00
AV	11.44948G	47.52	54.00	-6.48	19.03	3	Horizontal	8	1.78	-	28.49	39.62	13.60	34.19
PK	3.81331G	55.91	74.00	-18.09	4.86	3	Horizontal	321	2.11	-	51.05	29.34	9.52	34.00
PK	11.43298G	60.48	74.00	-13.52	19.04	3	Horizontal	8	1.78	-	41.44	39.64	13.59	34.19
PK	17.17488G	65.44	68.20	-2.76	22.52	3	Horizontal	91	1.09	-	42.92	41.41	14.57	33.46



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5270MHz\_TX



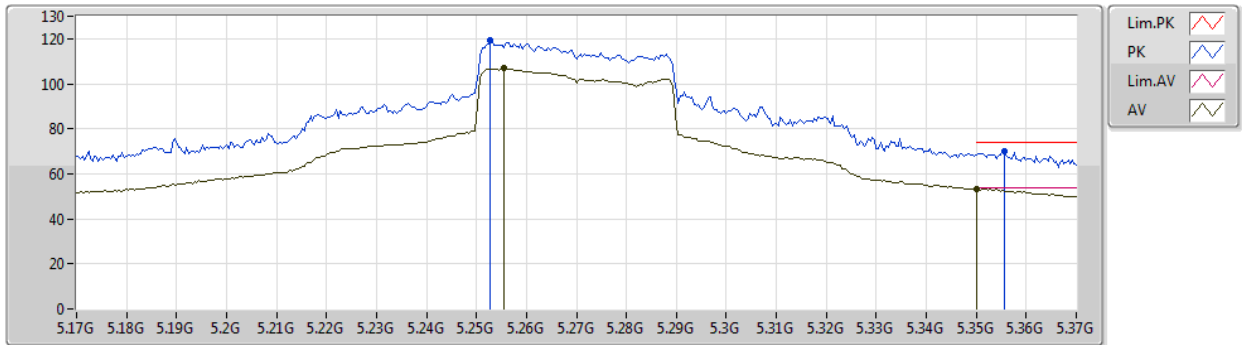
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2864G	103.87	Inf	-Inf	7.32	3	Vertical	24	2.23	-	96.55	31.25	10.13	34.06
AV	5.3508G	53.42	54.00	-0.58	7.45	3	Vertical	24	2.23	-	45.97	31.35	10.16	34.06
PK	5.284G	114.85	Inf	-Inf	7.32	3	Vertical	24	2.23	-	107.53	31.26	10.12	34.06
PK	5.3564G	68.90	74.00	-5.10	7.47	3	Vertical	24	2.23	-	61.43	31.37	10.16	34.06



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5270MHz\_TX



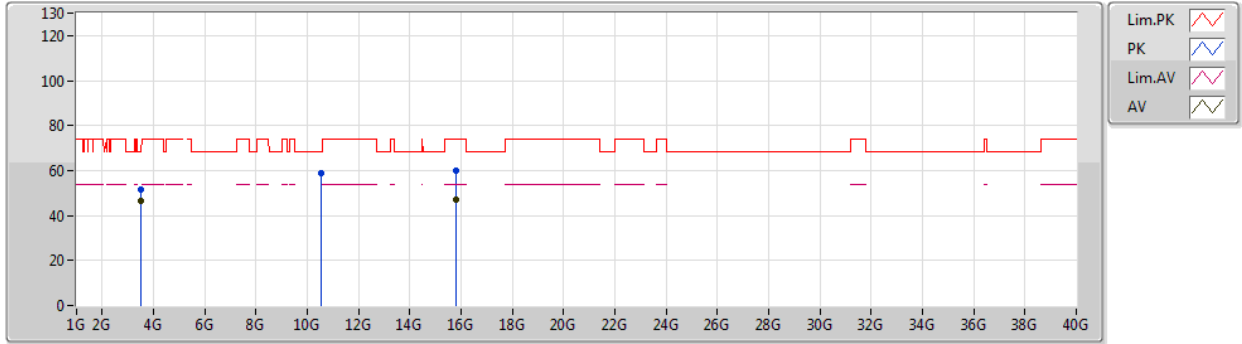
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2556G	106.75	Inf	-Inf	7.43	3	Horizontal	37	2.29	-	99.32	31.38	10.11	34.06
AV	5.35G	53.26	54.00	-0.74	7.45	3	Horizontal	37	2.29	-	45.81	31.35	10.16	34.06
PK	5.2528G	119.13	Inf	-Inf	7.44	3	Horizontal	37	2.29	-	111.69	31.39	10.11	34.06
PK	5.3556G	69.90	74.00	-4.10	7.47	3	Horizontal	37	2.29	-	62.43	31.37	10.16	34.06



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5270MHz\_TX



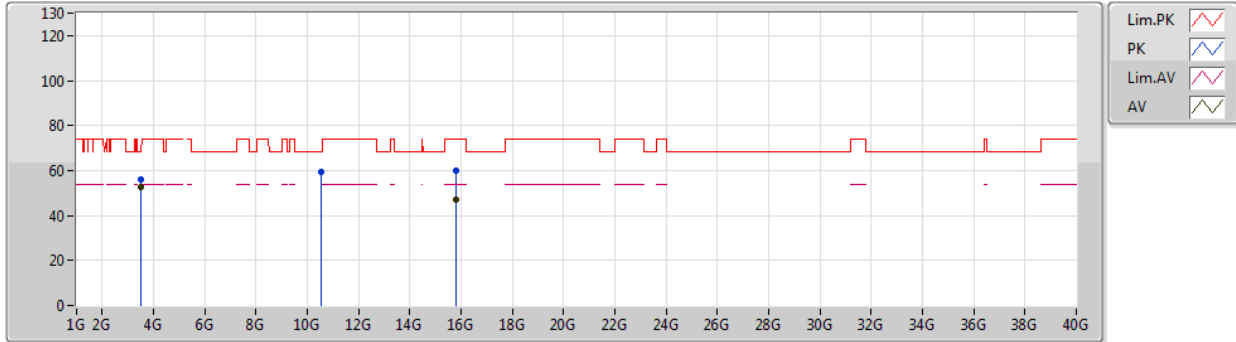
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AV	3.51333G	46.45	54.00	-7.55	4.22	3	Vertical	314	1.02	-	42.23	28.75	9.49	34.02
AV	15.8208G	47.24	54.00	-6.76	17.49	3	Vertical	310	1.50	-	29.75	38.06	13.73	34.30
PK	3.51329G	51.75	74.00	-22.25	4.22	3	Vertical	314	1.02	-	47.53	28.75	9.49	34.02
PK	10.54126G	58.99	68.20	-9.21	18.23	3	Vertical	137	1.50	-	40.76	39.60	13.07	34.44
PK	15.82314G	60.08	74.00	-13.92	17.48	3	Vertical	310	1.50	-	42.60	38.05	13.73	34.30



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5270MHz\_TX



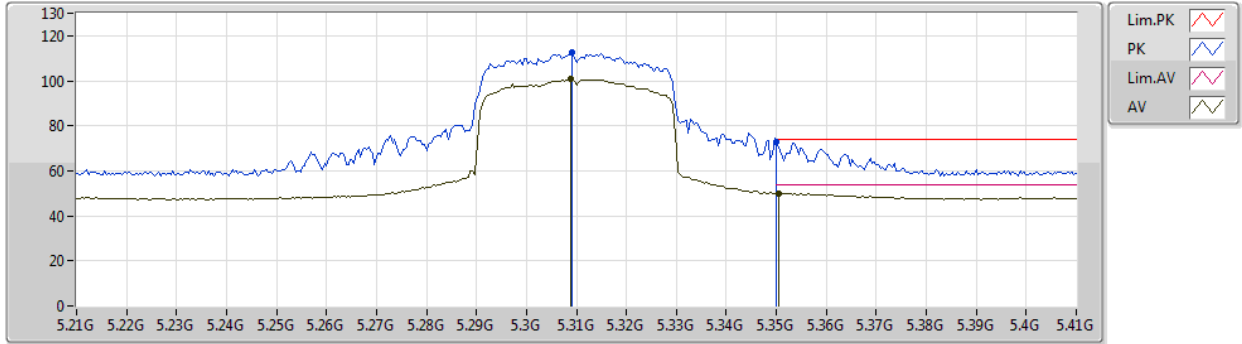
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AV	3.51334G	52.72	54.00	-1.28	4.22	3	Horizontal	43	2.46	-	48.50	28.75	9.49	34.02
AV	15.81756G	47.32	54.00	-6.68	17.51	3	Horizontal	316	1.50	-	29.81	38.07	13.73	34.29
PK	3.51322G	55.77	74.00	-18.23	4.22	3	Horizontal	43	2.46	-	51.55	28.75	9.49	34.02
PK	10.53676G	59.40	68.20	-8.80	18.23	3	Horizontal	1	2.49	-	41.17	39.60	13.07	34.44
PK	15.79854G	59.95	74.00	-14.05	17.58	3	Horizontal	316	1.50	-	42.37	38.12	13.73	34.27



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5310MHz\_TX



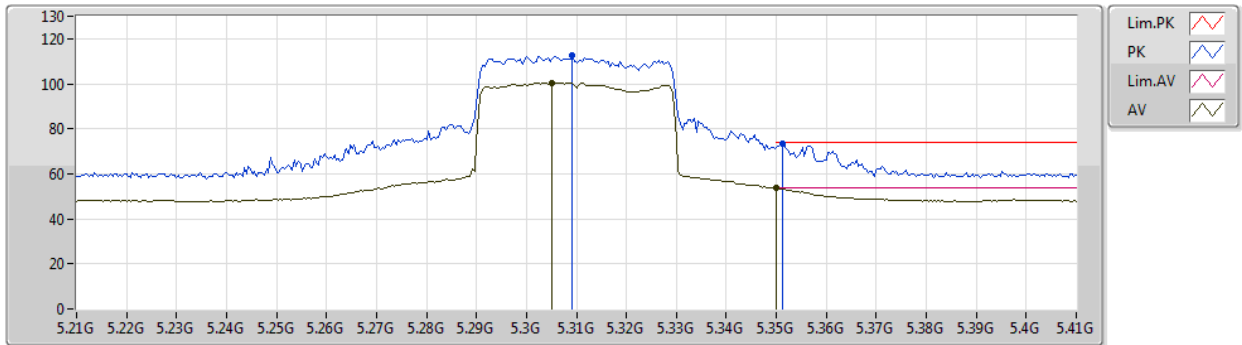
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3088G	100.65	Inf	-Inf	7.31	3	Vertical	354	1.96	-	93.34	31.23	10.14	34.06
AV	5.3504G	50.06	54.00	-3.94	7.45	3	Vertical	354	1.96	-	42.61	31.35	10.16	34.06
PK	5.3092G	112.82	Inf	-Inf	7.31	3	Vertical	354	1.96	-	105.51	31.23	10.14	34.06
PK	5.35G	72.91	74.00	-1.09	7.45	3	Vertical	354	1.96	-	65.46	31.35	10.16	34.06



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5310MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3052G	100.35	Inf	-Inf	7.30	3	Horizontal	13	1.50	-	93.05	31.22	10.14	34.06
AV	5.35G	53.55	54.00	-0.45	7.45	3	Horizontal	13	1.50	-	46.10	31.35	10.16	34.06
PK	5.3092G	112.63	Inf	-Inf	7.31	3	Horizontal	13	1.50	-	105.32	31.23	10.14	34.06
PK	5.3512G	73.59	74.00	-0.41	7.45	3	Horizontal	13	1.50	-	66.14	31.35	10.16	34.06

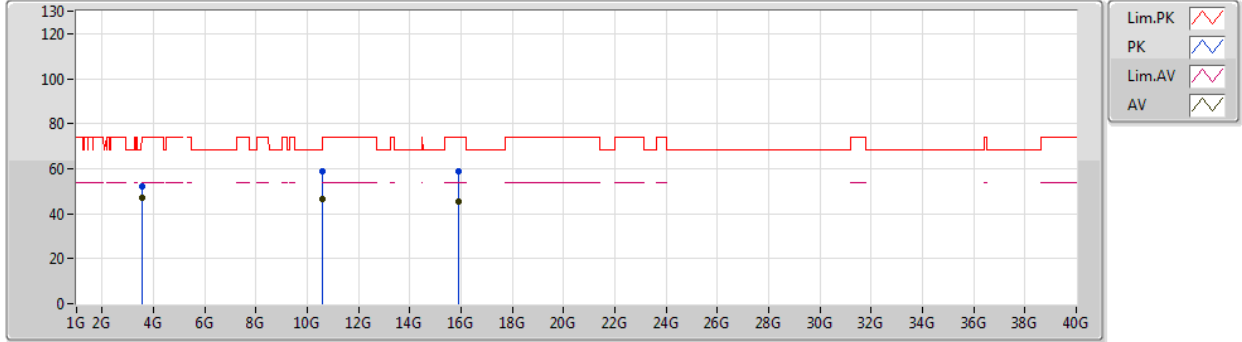




802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5310MHz\_TX



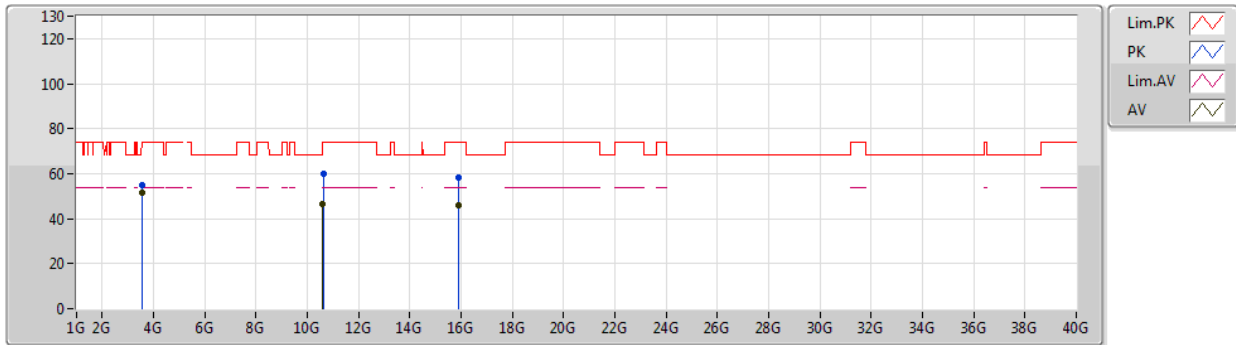
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AV	3.54001G	46.86	54.00	-7.14	4.34	3	Vertical	324	1.00	-	42.52	28.86	9.50	34.02
AV	10.61112G	46.37	54.00	-7.63	18.41	3	Vertical	208	1.89	-	27.96	39.69	13.11	34.39
AV	15.9168G	45.58	54.00	-8.42	17.09	3	Vertical	8	1.50	-	28.49	37.76	13.73	34.40
PK	3.53999G	52.20	74.00	-21.80	4.34	3	Vertical	324	1.00	-	47.86	28.86	9.50	34.02
PK	10.60572G	58.77	74.00	-15.23	18.40	3	Vertical	208	1.89	-	40.37	39.69	13.11	34.40
PK	15.91944G	58.66	74.00	-15.34	17.08	3	Vertical	8	1.50	-	41.58	37.75	13.73	34.40



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5310MHz\_TX



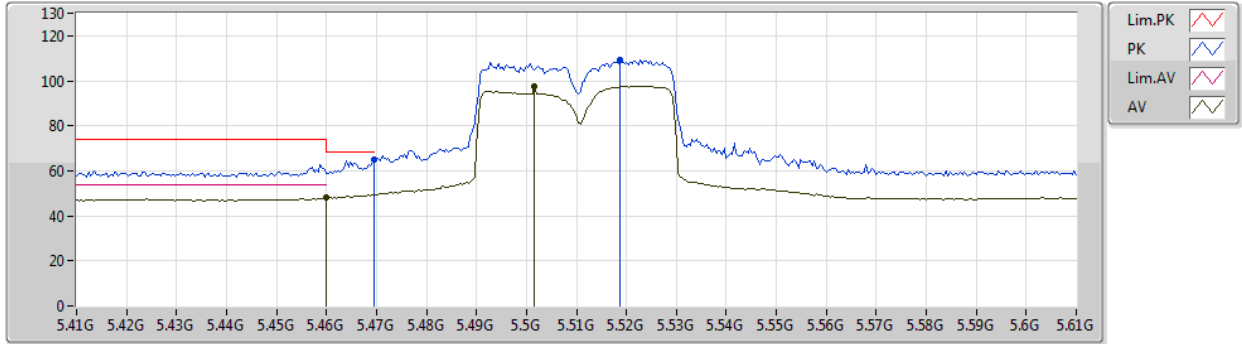
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.54005G	51.69	54.00	-2.31	4.34	3	Horizontal	47	2.60	-	47.35	28.86	9.50	34.02
AV	10.60998G	46.34	54.00	-7.66	18.41	3	Horizontal	11	1.16	-	27.93	39.69	13.11	34.39
AV	15.92298G	45.69	54.00	-8.31	17.07	3	Horizontal	256	2.17	-	28.62	37.74	13.73	34.40
PK	3.53995G	55.07	74.00	-18.93	4.34	3	Horizontal	47	2.60	-	50.73	28.86	9.50	34.02
PK	10.63182G	59.88	74.00	-14.12	18.46	3	Horizontal	11	1.16	-	41.42	39.72	13.12	34.38
PK	15.91764G	58.44	74.00	-15.56	17.09	3	Horizontal	256	2.17	-	41.35	37.76	13.73	34.40



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5510MHz\_TX



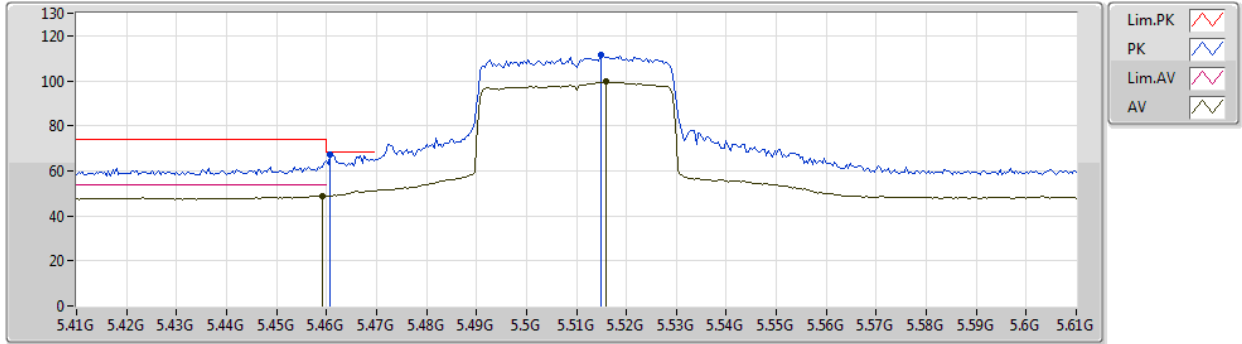
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AV	5.46G	48.06	54.00	-5.94	7.81	3	Vertical	0	2.30	-	40.25	31.68	10.20	34.07
AV	5.5016G	97.60	Inf	-Inf	7.95	3	Vertical	0	2.30	-	89.65	31.80	10.22	34.07
PK	5.4696G	65.12	68.20	-3.08	7.85	3	Vertical	0	2.30	-	57.27	31.71	10.21	34.07
PK	5.5188G	109.44	Inf	-Inf	7.91	3	Vertical	0	2.30	-	101.53	31.76	10.22	34.07



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5510MHz\_TX



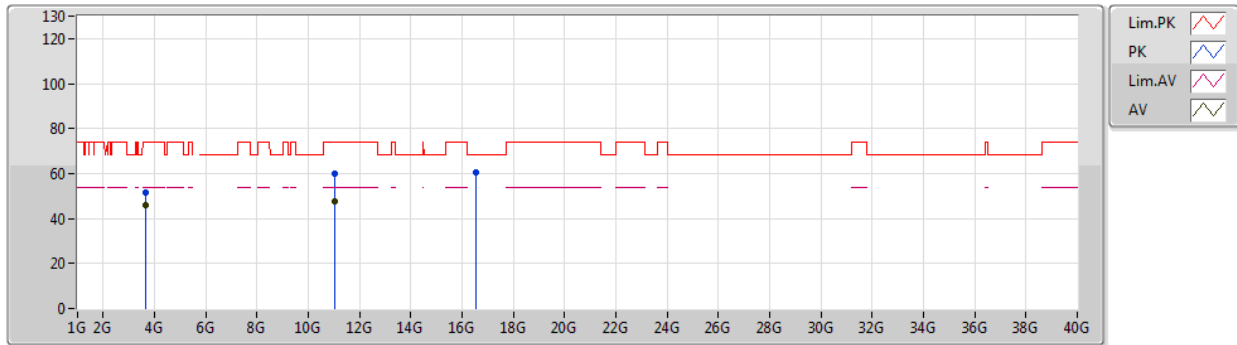
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	48.81	54.00	-5.19	7.81	3	Horizontal	8	2.09	-	41.00	31.68	10.20	34.07
AV	5.516G	99.58	Inf	-Inf	7.92	3	Horizontal	8	2.09	-	91.66	31.77	10.22	34.07
PK	5.4608G	67.42	68.20	-0.78	7.81	3	Horizontal	8	2.09	-	59.61	31.68	10.20	34.07
PK	5.5148G	111.39	Inf	-Inf	7.92	3	Horizontal	8	2.09	-	103.47	31.77	10.22	34.07



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5510MHz\_TX



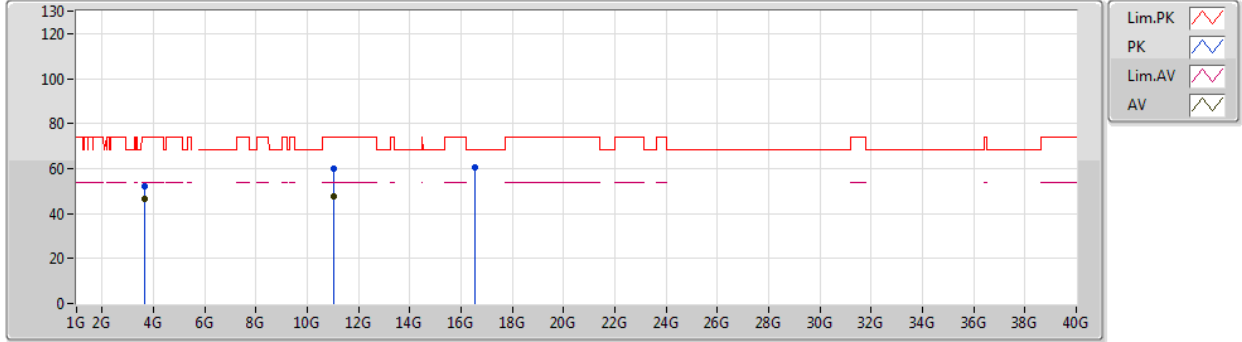
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.67332G	46.19	54.00	-7.81	4.68	3	Vertical	322	1.50	-	41.51	29.17	9.52	34.01
AV	11.02042G	47.61	54.00	-6.39	19.36	3	Vertical	210	1.95	-	28.25	40.17	13.35	34.16
PK	3.67324G	51.52	74.00	-22.48	4.68	3	Vertical	322	1.50	-	46.84	29.17	9.52	34.01
PK	11.01766G	60.21	74.00	-13.79	19.37	3	Vertical	210	1.95	-	40.84	40.18	13.35	34.16
PK	16.5447G	60.58	68.20	-7.62	19.18	3	Vertical	247	2.50	-	41.40	38.97	14.12	33.91



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5510MHz\_TX



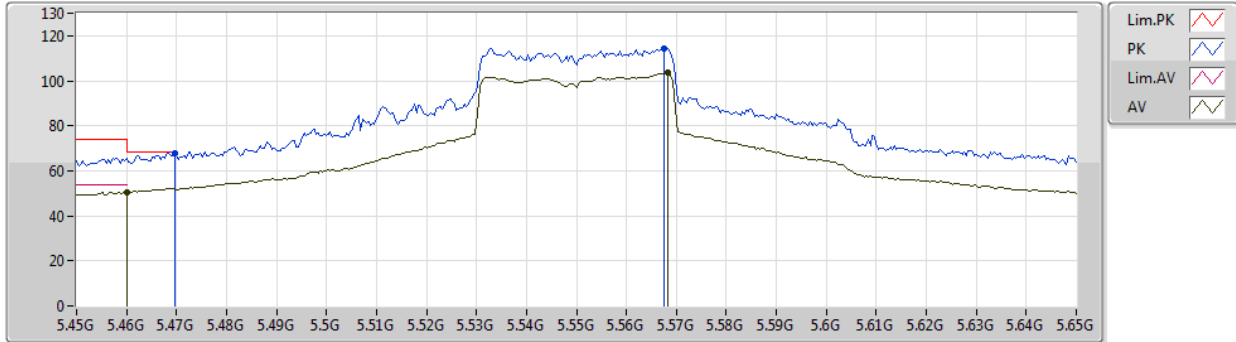
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AV	3.67338G	46.73	54.00	-7.27	4.68	3	Horizontal	296	2.20	-	42.05	29.17	9.52	34.01
AV	11.01928G	47.61	54.00	-6.39	19.36	3	Horizontal	166	2.03	-	28.25	40.17	13.35	34.16
PK	3.67332G	52.36	74.00	-21.64	4.68	3	Horizontal	296	2.20	-	47.68	29.17	9.52	34.01
PK	11.03422G	59.98	74.00	-14.02	19.35	3	Horizontal	166	2.03	-	40.63	40.16	13.35	34.16
PK	16.53648G	60.57	68.20	-7.63	19.14	3	Horizontal	350	2.18	-	41.43	38.95	14.11	33.92



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5550MHz\_TX



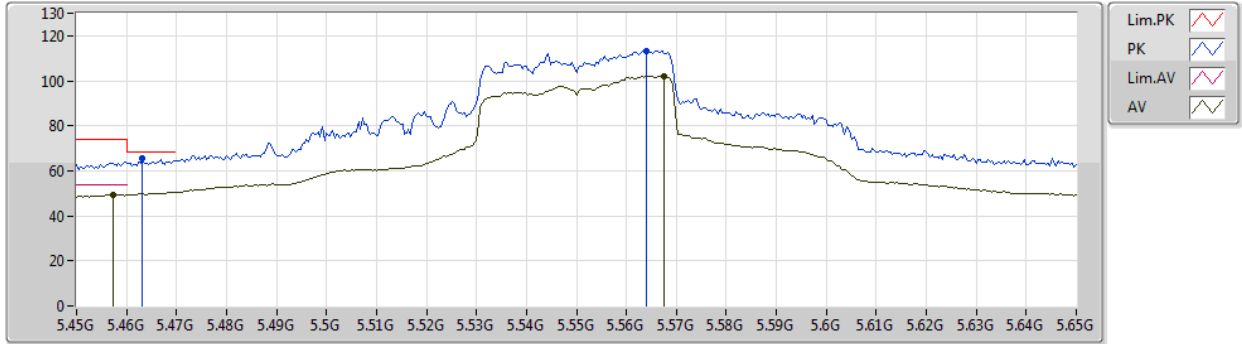
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	50.63	54.00	-3.37	7.81	3	Vertical	359	2.10	-	42.82	31.68	10.20	34.07
AV	5.5684G	103.43	Inf	-Inf	7.82	3	Vertical	359	2.10	-	95.61	31.66	10.23	34.07
PK	5.4696G	68.00	68.20	-0.20	7.85	3	Vertical	359	2.10	-	60.15	31.71	10.21	34.07
PK	5.5676G	114.54	Inf	-Inf	7.82	3	Vertical	359	2.10	-	106.72	31.66	10.23	34.07



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5550MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	49.44	54.00	-4.56	7.80	3	Horizontal	359	2.77	-	41.64	31.67	10.20	34.07
AV	5.5676G	102.19	Inf	-Inf	7.82	3	Horizontal	359	2.77	-	94.37	31.66	10.23	34.07
PK	5.4632G	65.29	68.20	-2.91	7.82	3	Horizontal	359	2.77	-	57.47	31.69	10.20	34.07
PK	5.564G	113.22	Inf	-Inf	7.83	3	Horizontal	359	2.77	-	105.39	31.67	10.23	34.07

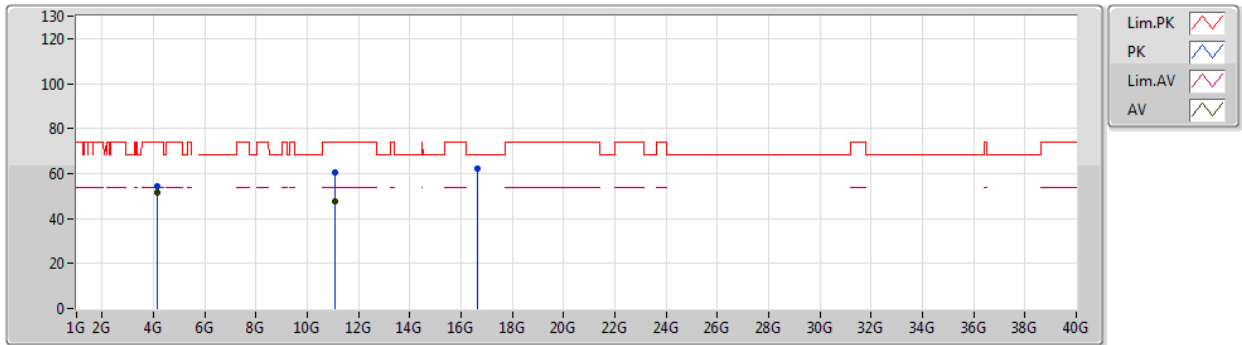




802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5550MHz\_TX



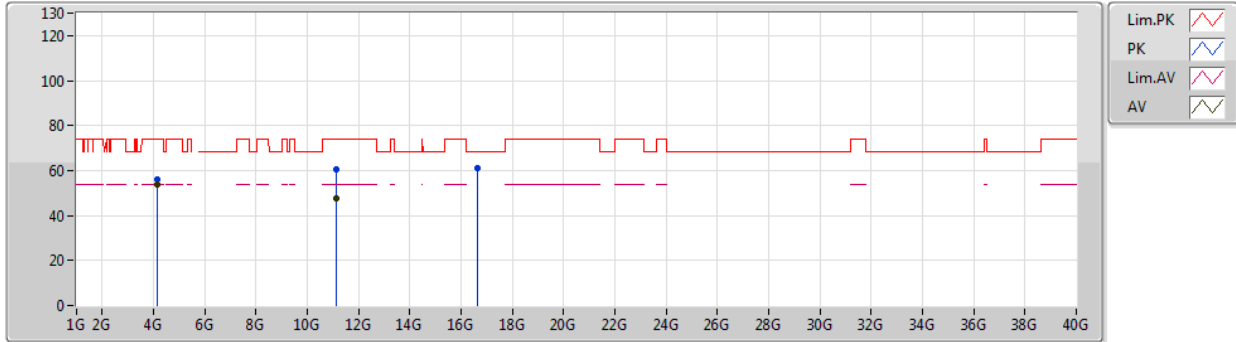
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AV	4.16251G	51.38	54.00	-2.62	5.56	3	Vertical	59	1.50	-	45.82	29.93	9.65	34.02
AV	11.09634G	47.50	54.00	-6.50	19.29	3	Vertical	24	1.60	-	28.21	40.07	13.39	34.17
PK	4.16236G	54.30	74.00	-19.70	5.55	3	Vertical	59	1.50	-	48.75	29.92	9.65	34.02
PK	11.08686G	60.25	74.00	-13.75	19.31	3	Vertical	24	1.60	-	40.94	40.09	13.39	34.17
PK	16.66278G	62.30	68.20	-5.90	19.71	3	Vertical	226	1.37	-	42.59	39.29	14.20	33.78



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5550MHz\_TX



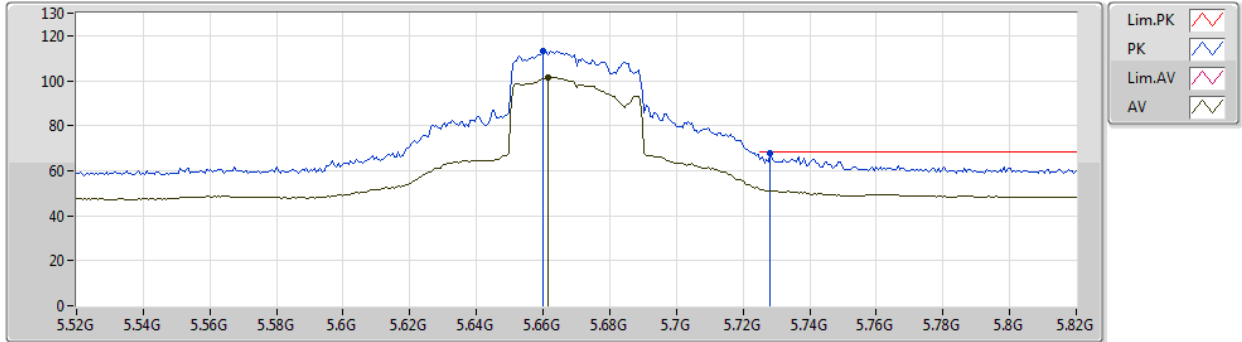
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.16252G	53.65	54.00	-0.35	5.56	3	Horizontal	316	2.11	-	48.09	29.93	9.65	34.02
AV	11.115G	47.57	54.00	-6.43	19.28	3	Horizontal	215	1.15	-	28.29	40.05	13.40	34.17
PK	4.16253G	55.97	74.00	-18.03	5.56	3	Horizontal	316	2.11	-	50.41	29.93	9.65	34.02
PK	11.1141G	60.53	74.00	-13.47	19.28	3	Horizontal	215	1.15	-	41.25	40.05	13.40	34.17
PK	16.6488G	61.18	68.20	-7.02	19.64	3	Horizontal	212	2.36	-	41.54	39.25	14.19	33.80



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5670MHz\_TX



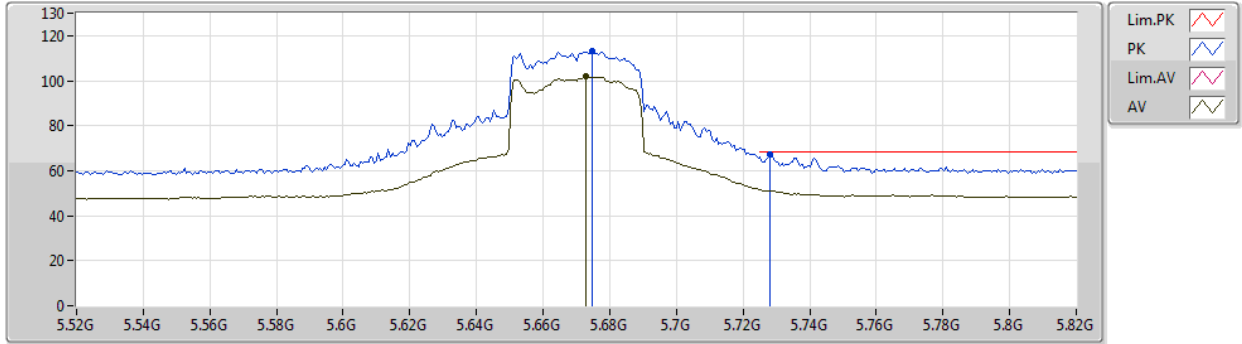
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AV	5.6616G	101.56	Inf	-Inf	7.97	3	Vertical	0	3.00	-	93.59	31.72	10.32	34.07
PK	5.6598G	113.21	Inf	-Inf	7.97	3	Vertical	0	3.00	-	105.24	31.72	10.32	34.07
PK	5.7282G	67.97	68.20	-0.23	8.21	3	Vertical	0	3.00	-	59.76	31.88	10.40	34.07



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5670MHz\_TX



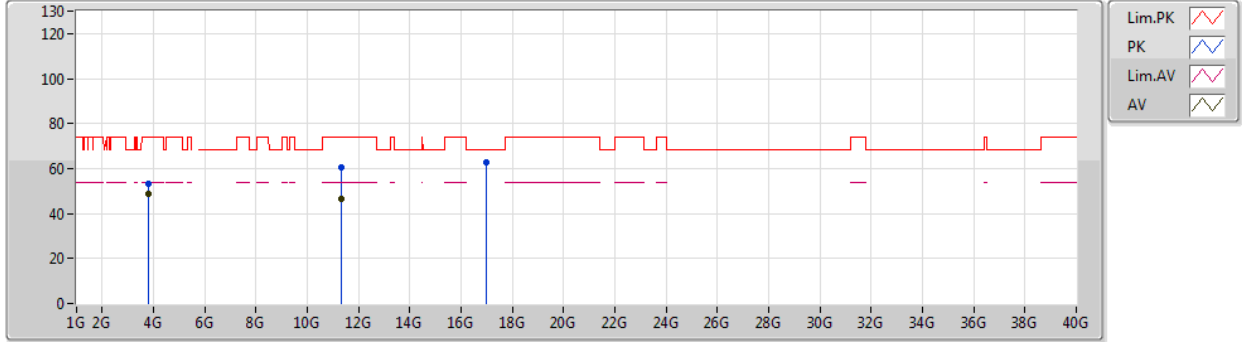
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AV	5.673G	101.90	Inf	-Inf	8.01	3	Horizontal	338	2.52	-	93.89	31.75	10.33	34.07
PK	5.6748G	113.12	Inf	-Inf	8.01	3	Horizontal	338	2.52	-	105.11	31.75	10.33	34.07
PK	5.7282G	67.32	68.20	-0.88	8.21	3	Horizontal	338	2.52	-	59.11	31.88	10.40	34.07



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5670MHz\_TX



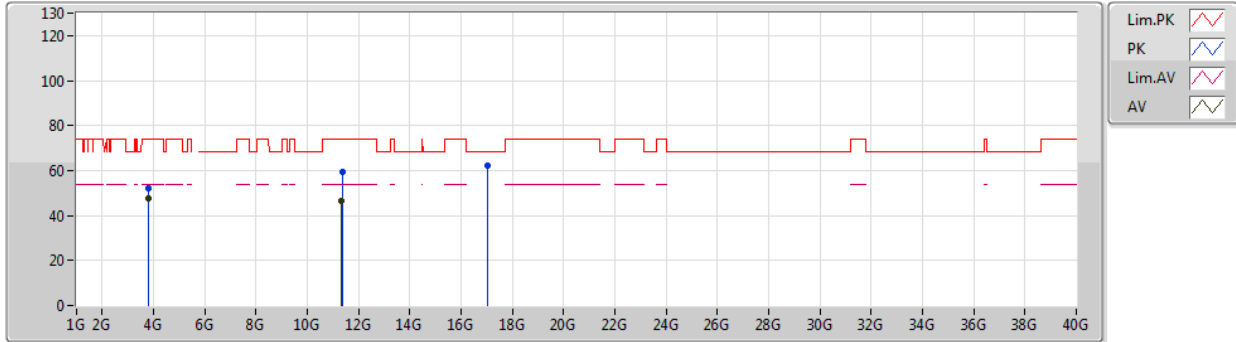
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AV	3.78G	48.68	54.00	-5.32	4.79	3	Vertical	328	1.95	-	43.89	29.28	9.51	34.00
AV	11.32872G	46.60	54.00	-7.40	19.12	3	Vertical	87	1.12	-	27.48	39.77	13.53	34.18
PK	3.77996G	53.06	74.00	-20.94	4.79	3	Vertical	328	1.95	-	48.27	29.28	9.51	34.00
PK	11.35062G	60.31	74.00	-13.69	19.10	3	Vertical	87	1.12	-	41.21	39.74	13.54	34.18
PK	17.00622G	63.03	68.20	-5.17	21.26	3	Vertical	100	1.82	-	41.77	40.24	14.45	33.43



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5670MHz\_TX



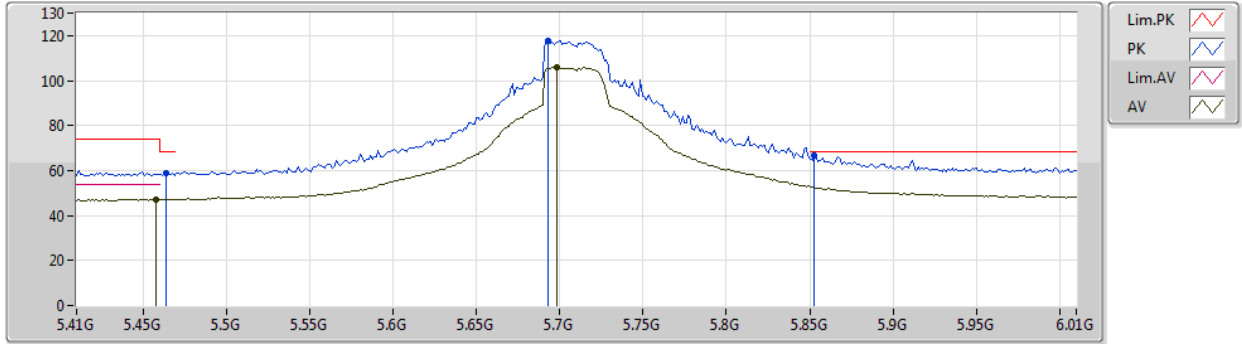
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AV	3.78002G	47.54	54.00	-6.46	4.79	3	Horizontal	36	1.50	-	42.75	29.28	9.51	34.00
AV	11.34792G	46.51	54.00	-7.49	19.11	3	Horizontal	230	2.50	-	27.40	39.75	13.54	34.18
PK	3.77996G	52.03	74.00	-21.97	4.79	3	Horizontal	36	1.50	-	47.24	29.28	9.51	34.00
PK	11.35398G	59.52	74.00	-14.48	19.10	3	Horizontal	230	2.50	-	40.42	39.74	13.54	34.18
PK	17.02086G	62.05	68.20	-6.15	21.37	3	Horizontal	57	1.34	-	40.68	40.34	14.46	33.43



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5710MHz Straddle 5.47-5.725GHz\_TX



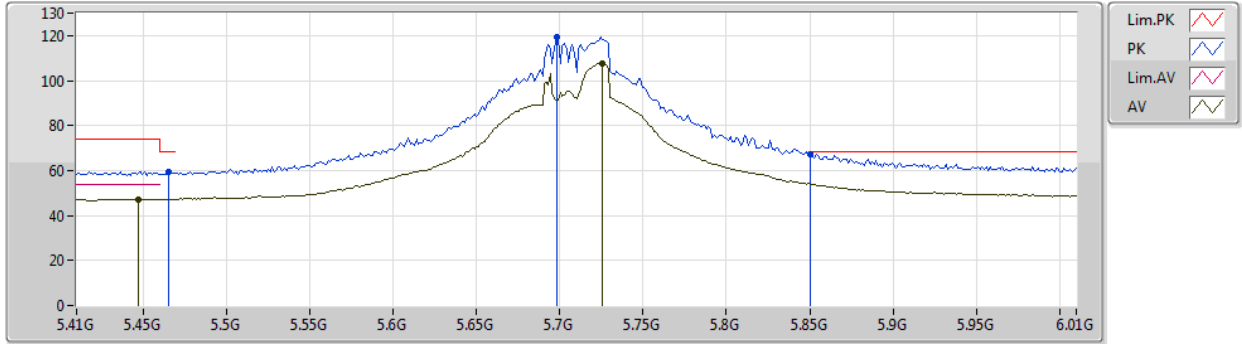
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AV	5.458G	47.10	54.00	-6.90	7.80	3	Vertical	3	1.50	-	39.30	31.67	10.20	34.07
AV	5.698G	105.82	Inf	-Inf	8.09	3	Vertical	3	1.50	-	97.73	31.80	10.36	34.07
PK	5.464G	58.83	68.20	-9.37	7.82	3	Vertical	3	1.50	-	51.01	31.69	10.20	34.07
PK	5.6932G	117.76	Inf	-Inf	8.08	3	Vertical	3	1.50	-	109.68	31.79	10.36	34.07
PK	5.8528G	66.79	68.20	-1.41	8.69	3	Vertical	3	1.50	-	58.10	32.26	10.51	34.08



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5710MHz Straddle 5.47-5.725GHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4472G	47.28	54.00	-6.72	7.78	3	Horizontal	0	2.02	-	39.50	31.64	10.20	34.06
AV	5.7256G	107.74	Inf	-Inf	8.21	3	Horizontal	0	2.02	-	99.53	31.88	10.40	34.07
PK	5.4652G	59.63	68.20	-8.57	7.84	3	Horizontal	0	2.02	-	51.79	31.70	10.21	34.07
PK	5.698G	119.61	Inf	-Inf	8.09	3	Horizontal	0	2.02	-	111.52	31.80	10.36	34.07
PK	5.8504G	67.51	68.20	-0.69	8.68	3	Horizontal	0	2.02	-	58.83	32.25	10.51	34.08

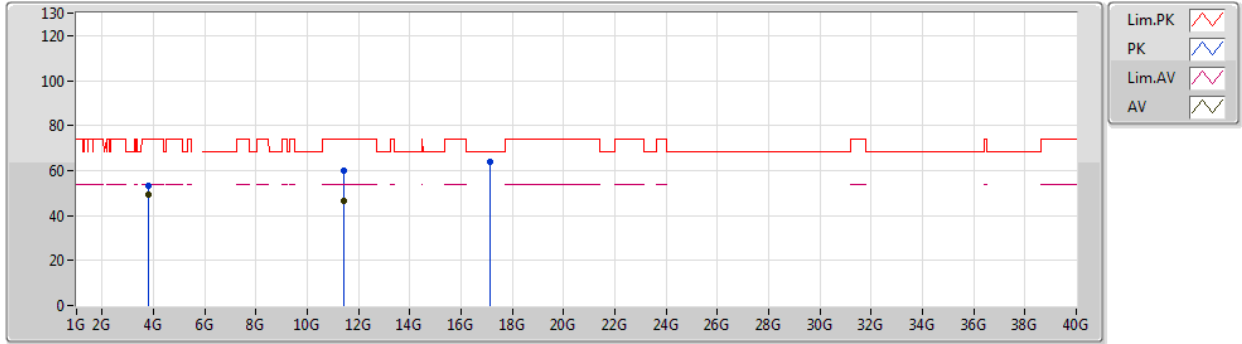




802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5710MHz Straddle 5.47-5.725GHz\_TX



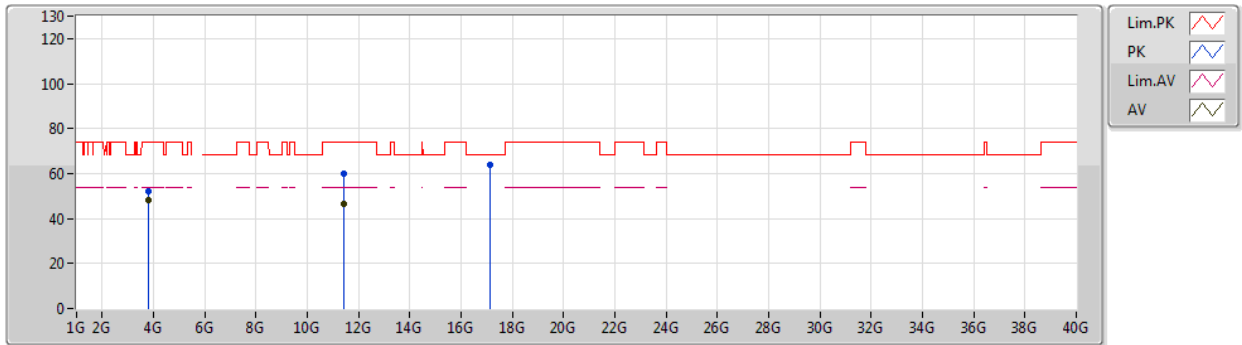
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AV	3.80665G	49.19	54.00	-4.81	4.83	3	Vertical	329	1.93	-	44.36	29.32	9.51	34.00
AV	11.43056G	46.59	54.00	-7.41	19.03	3	Vertical	60	2.32	-	27.56	39.64	13.58	34.19
PK	3.80671G	53.15	74.00	-20.85	4.83	3	Vertical	329	1.93	-	48.32	29.32	9.51	34.00
PK	11.40854G	59.68	74.00	-14.32	19.06	3	Vertical	60	2.32	-	40.62	39.67	13.57	34.18
PK	17.12718G	63.95	68.20	-4.25	22.16	3	Vertical	287	1.37	-	41.79	41.08	14.54	33.46



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5710MHz Straddle 5.47-5.725GHz\_TX



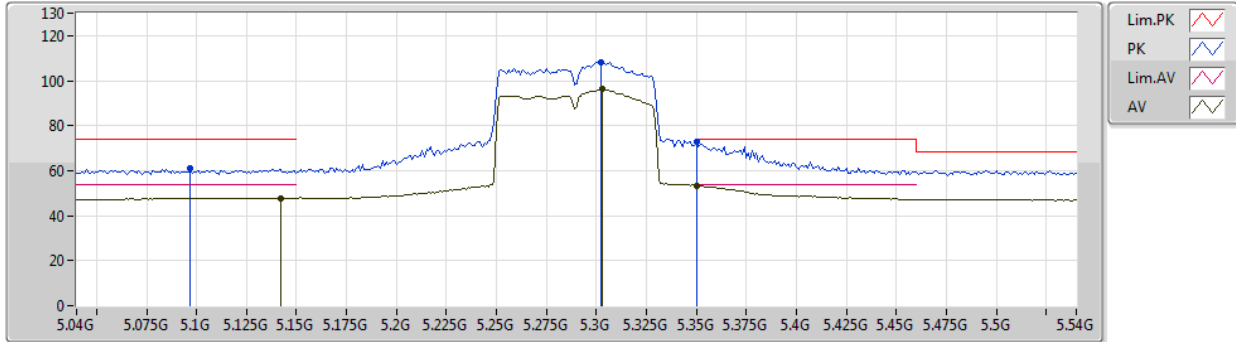
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AV	3.80666G	48.34	54.00	-5.66	4.83	3	Horizontal	35	1.50	-	43.51	29.32	9.51	34.00
AV	11.41226G	46.75	54.00	-7.25	19.05	3	Horizontal	174	1.34	-	27.70	39.66	13.57	34.18
PK	3.80673G	52.34	74.00	-21.66	4.83	3	Horizontal	35	1.50	-	47.51	29.32	9.51	34.00
PK	11.41514G	60.11	74.00	-13.89	19.06	3	Horizontal	174	1.34	-	41.05	39.66	13.58	34.18
PK	17.14314G	64.05	68.20	-4.15	22.28	3	Horizontal	88	1.64	-	41.77	41.19	14.55	33.46



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5290MHz\_TX



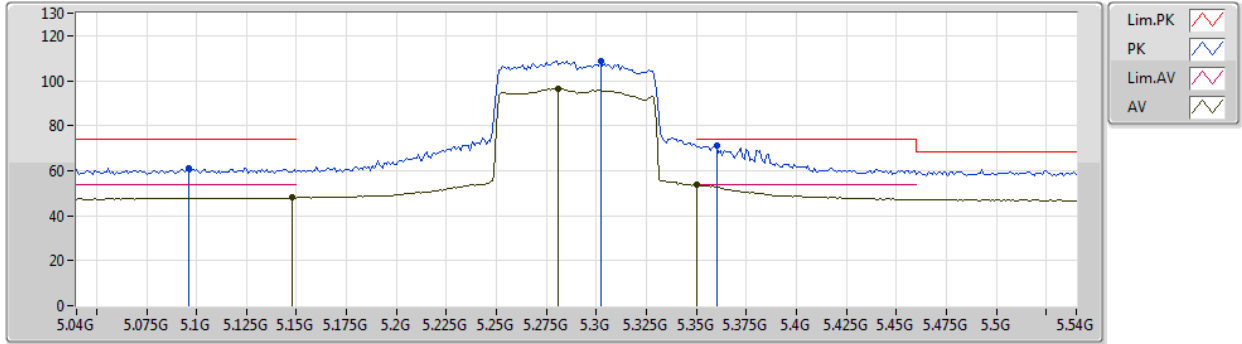
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.142G	47.82	54.00	-6.18	7.86	3	Vertical	356	2.07	-	39.96	31.83	10.08	34.05
AV	5.303G	96.14	Inf	-Inf	7.28	3	Vertical	356	2.07	-	88.86	31.21	10.13	34.06
AV	5.35G	53.39	54.00	-0.61	7.45	3	Vertical	356	2.07	-	45.94	31.35	10.16	34.06
PK	5.097G	60.80	74.00	-13.20	8.01	3	Vertical	356	2.07	-	52.79	31.98	10.08	34.05
PK	5.302G	108.34	Inf	-Inf	7.28	3	Vertical	356	2.07	-	101.06	31.21	10.13	34.06
PK	5.35G	72.59	74.00	-1.41	7.45	3	Vertical	356	2.07	-	65.14	31.35	10.16	34.06



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5290MHz\_TX



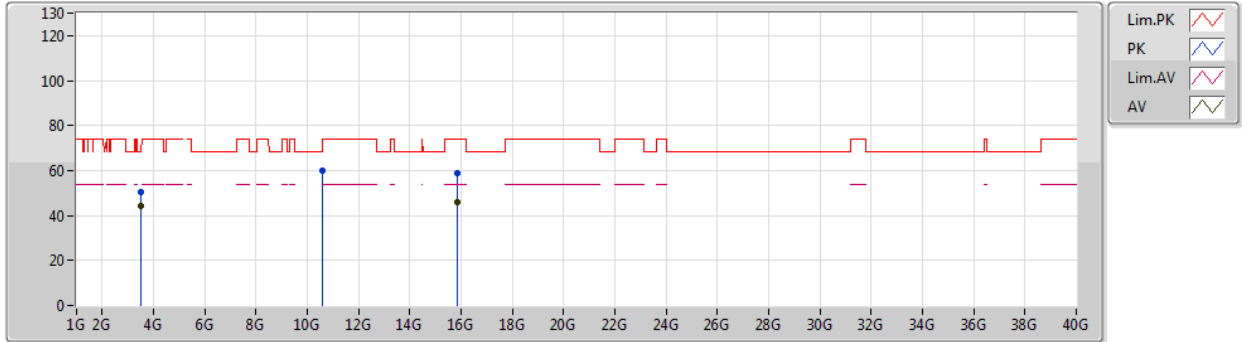
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AV	5.148G	47.92	54.00	-6.08	7.84	3	Horizontal	13	1.50	-	40.08	31.81	10.08	34.05
AV	5.281G	96.40	Inf	-Inf	7.34	3	Horizontal	13	1.50	-	89.06	31.28	10.12	34.06
AV	5.35G	53.55	54.00	-0.45	7.45	3	Horizontal	13	1.50	-	46.10	31.35	10.16	34.06
PK	5.096G	60.96	74.00	-13.04	8.01	3	Horizontal	13	1.50	-	52.95	31.98	10.08	34.05
PK	5.302G	108.62	Inf	-Inf	7.28	3	Horizontal	13	1.50	-	101.34	31.21	10.13	34.06
PK	5.36G	71.34	74.00	-2.66	7.49	3	Horizontal	13	1.50	-	63.85	31.38	10.17	34.06



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5290MHz\_TX



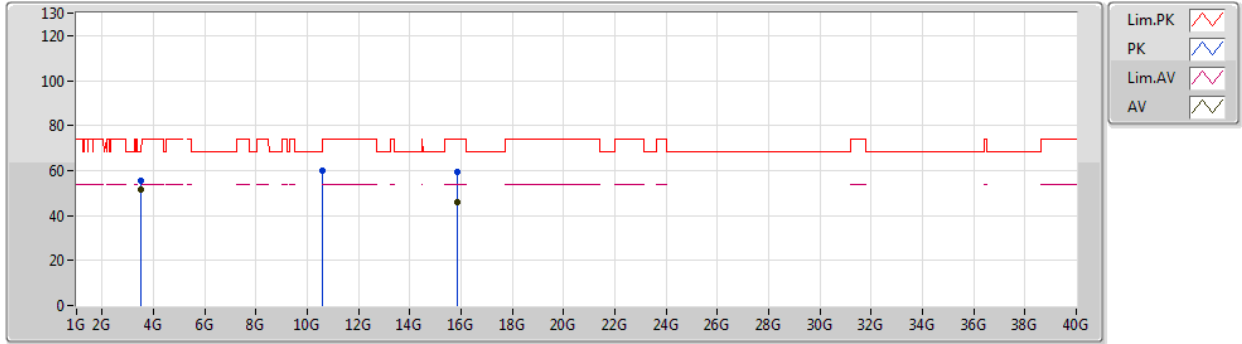
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AV	3.52666G	44.21	54.00	-9.79	4.28	3	Vertical	317	1.50	-	39.93	28.81	9.49	34.02
AV	15.85524G	45.68	54.00	-8.32	17.35	3	Vertical	117	1.50	-	28.33	37.95	13.73	34.33
PK	3.52672G	50.62	74.00	-23.38	4.28	3	Vertical	317	1.50	-	46.34	28.81	9.49	34.02
PK	10.58864G	59.85	68.20	-8.35	18.36	3	Vertical	301	2.97	-	41.49	39.67	13.10	34.41
PK	15.8562G	58.78	74.00	-15.22	17.35	3	Vertical	117	1.50	-	41.43	37.95	13.73	34.33



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5290MHz\_TX



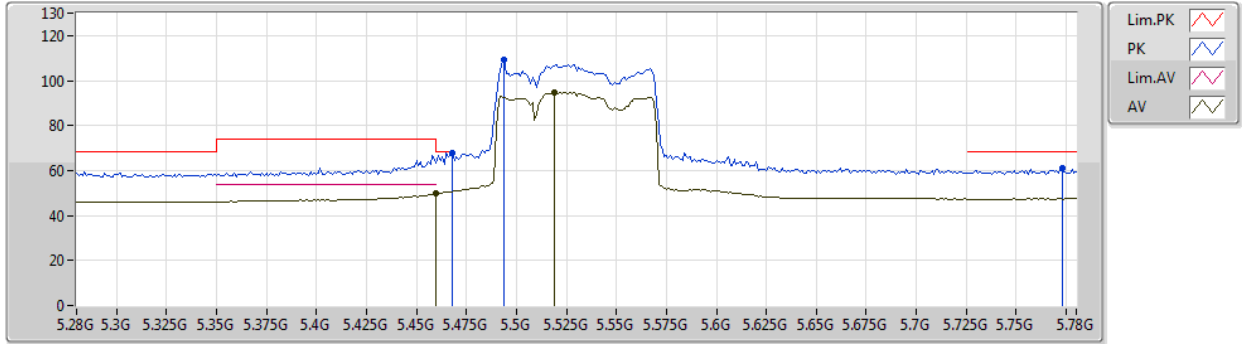
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AV	3.52667G	51.81	54.00	-2.19	4.28	3	Horizontal	46	2.22	-	47.53	28.81	9.49	34.02
AV	15.85584G	45.70	54.00	-8.30	17.35	3	Horizontal	260	1.50	-	28.35	37.95	13.73	34.33
PK	3.52672G	55.45	74.00	-18.55	4.28	3	Horizontal	46	2.22	-	51.17	28.81	9.49	34.02
PK	10.58234G	59.75	68.20	-8.45	18.34	3	Horizontal	193	1.50	-	41.41	39.66	13.09	34.41
PK	15.86448G	59.23	74.00	-14.77	17.31	3	Horizontal	260	1.50	-	41.92	37.92	13.73	34.34



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5530MHz\_TX



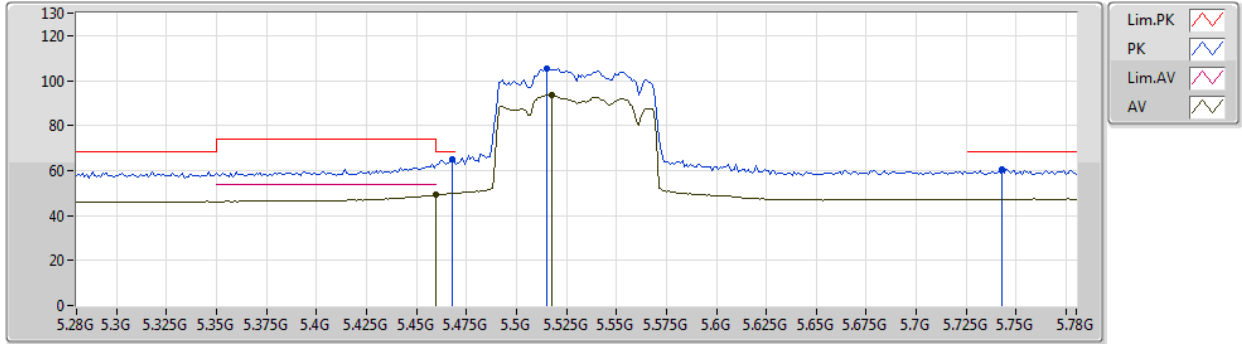
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AV	5.46G	49.94	54.00	-4.06	7.81	3	Vertical	353	2.31	-	42.13	31.68	10.20	34.07
AV	5.519G	94.58	Inf	-Inf	7.91	3	Vertical	353	2.31	-	86.67	31.76	10.22	34.07
PK	5.468G	67.66	68.20	-0.54	7.84	3	Vertical	353	2.31	-	59.82	31.70	10.21	34.07
PK	5.494G	109.39	Inf	-Inf	7.92	3	Vertical	353	2.31	-	101.47	31.78	10.21	34.07
PK	5.773G	61.01	68.20	-7.19	8.39	3	Vertical	353	2.31	-	52.62	32.02	10.45	34.08



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5530MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.35	54.00	-4.65	7.81	3	Horizontal	40	1.48	-	41.54	31.68	10.20	34.07
AV	5.518G	93.59	Inf	-Inf	7.91	3	Horizontal	40	1.48	-	85.68	31.76	10.22	34.07
PK	5.468G	65.01	68.20	-3.19	7.84	3	Horizontal	40	1.48	-	57.17	31.70	10.21	34.07
PK	5.515G	105.31	Inf	-Inf	7.92	3	Horizontal	40	1.48	-	97.39	31.77	10.22	34.07
PK	5.743G	60.32	68.20	-7.88	8.28	3	Horizontal	40	1.48	-	52.04	31.93	10.42	34.07

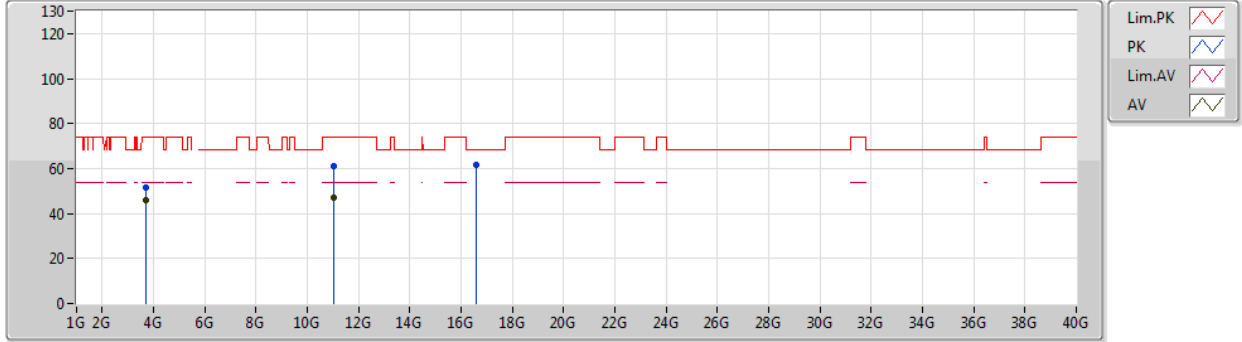




802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5530MHz\_TX



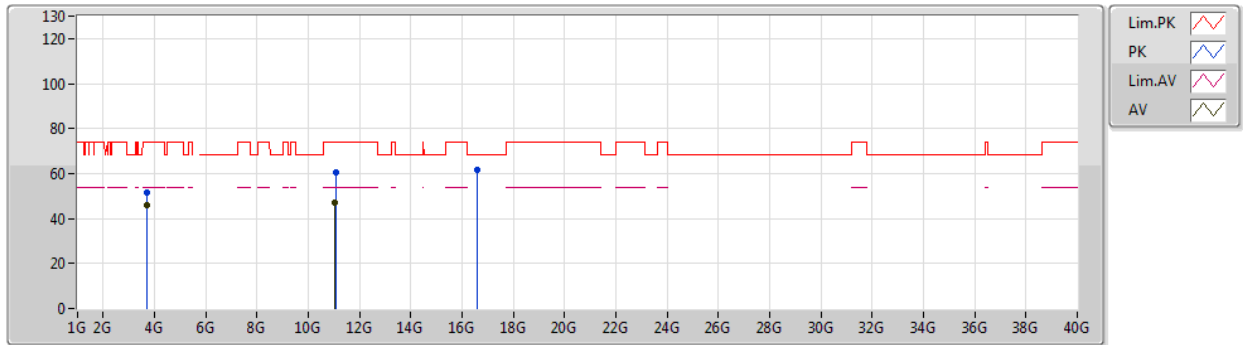
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AV	3.68666G	45.83	54.00	-8.17	4.70	3	Vertical	325	1.50	-	41.13	29.19	9.52	34.01
AV	11.04728G	47.07	54.00	-6.93	19.34	3	Vertical	167	2.93	-	27.73	40.14	13.36	34.16
PK	3.68664G	51.36	74.00	-22.64	4.70	3	Vertical	325	1.50	-	46.66	29.19	9.52	34.01
PK	11.04638G	60.81	74.00	-13.19	19.34	3	Vertical	167	2.93	-	41.47	40.14	13.36	34.16
PK	16.6008G	61.85	68.20	-6.35	19.43	3	Vertical	98	1.50	-	42.42	39.12	14.16	33.85



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5530MHz\_TX



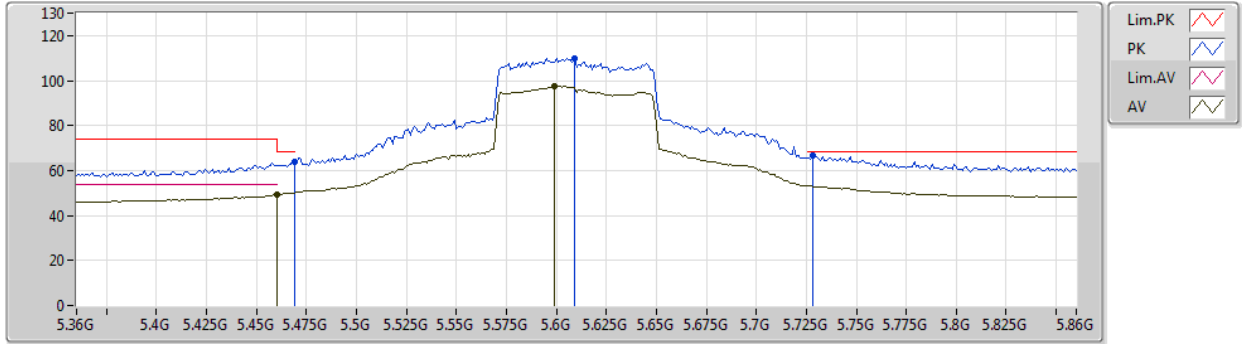
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AV	3.68672G	45.77	54.00	-8.23	4.70	3	Horizontal	295	2.21	-	41.07	29.19	9.52	34.01
AV	11.0483G	47.06	54.00	-6.94	19.34	3	Horizontal	145	2.31	-	27.72	40.14	13.36	34.16
PK	3.68676G	51.51	74.00	-22.49	4.70	3	Horizontal	295	2.21	-	46.81	29.19	9.52	34.01
PK	11.07176G	60.49	74.00	-13.51	19.33	3	Horizontal	145	2.31	-	41.16	40.11	13.38	34.16
PK	16.5933G	61.43	68.20	-6.77	19.39	3	Horizontal	200	1.50	-	42.04	39.10	14.15	33.86



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5610MHz\_TX



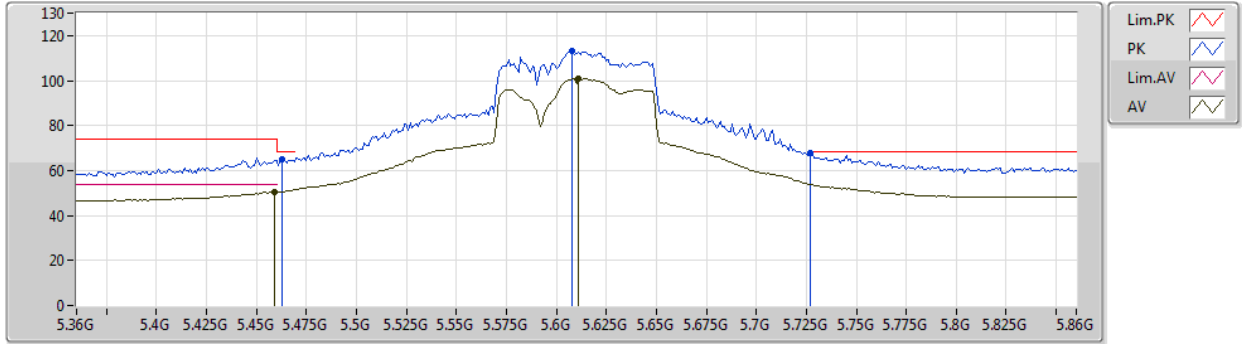
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AV	5.46G	49.12	54.00	-4.88	7.81	3	Vertical	359	1.50	-	41.31	31.68	10.20	34.07
AV	5.599G	97.38	Inf	-Inf	7.77	3	Vertical	359	1.50	-	89.61	31.60	10.24	34.07
PK	5.469G	63.64	68.20	-4.56	7.85	3	Vertical	359	1.50	-	55.79	31.71	10.21	34.07
PK	5.609G	109.68	Inf	-Inf	7.80	3	Vertical	359	1.50	-	101.88	31.62	10.25	34.07
PK	5.728G	66.62	68.20	-1.58	8.21	3	Vertical	359	1.50	-	58.41	31.88	10.40	34.07



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5610MHz\_TX



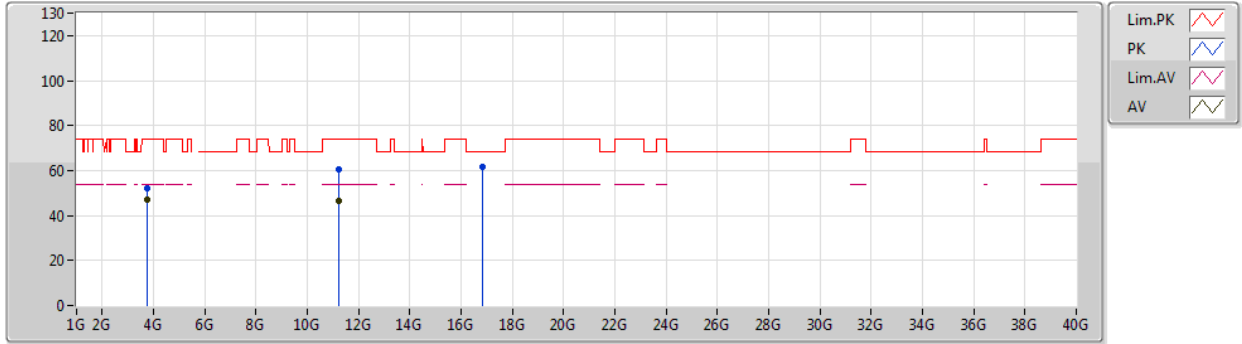
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.459G	50.28	54.00	-3.72	7.81	3	Horizontal	327	2.49	-	42.47	31.68	10.20	34.07
AV	5.611G	100.82	Inf	-Inf	7.81	3	Horizontal	327	2.49	-	93.01	31.62	10.26	34.07
PK	5.463G	64.85	68.20	-3.35	7.82	3	Horizontal	327	2.49	-	57.03	31.69	10.20	34.07
PK	5.608G	113.19	Inf	-Inf	7.80	3	Horizontal	327	2.49	-	105.39	31.62	10.25	34.07
PK	5.727G	68.05	68.20	-0.15	8.21	3	Horizontal	327	2.49	-	59.84	31.88	10.40	34.07



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5610MHz\_TX



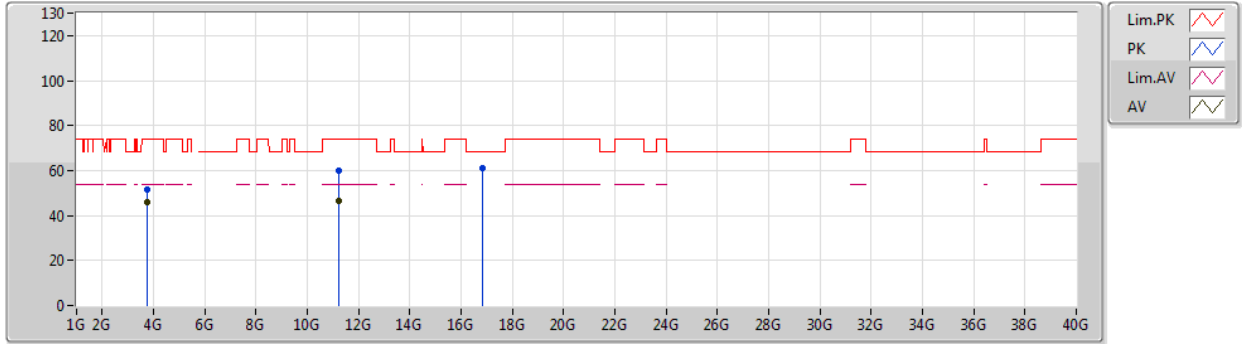
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.74002G	46.86	54.00	-7.14	4.74	3	Vertical	322	1.50	-	42.12	29.24	9.51	34.01
AV	11.2188G	46.67	54.00	-7.33	19.21	3	Vertical	0	2.33	-	27.46	39.92	13.46	34.17
PK	3.74003G	52.28	74.00	-21.72	4.74	3	Vertical	322	1.50	-	47.54	29.24	9.51	34.01
PK	11.22006G	60.34	74.00	-13.66	19.20	3	Vertical	0	2.33	-	41.14	39.91	13.46	34.17
PK	16.83108G	61.77	68.20	-6.43	20.45	3	Vertical	40	1.61	-	41.32	39.74	14.32	33.61



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5610MHz\_TX



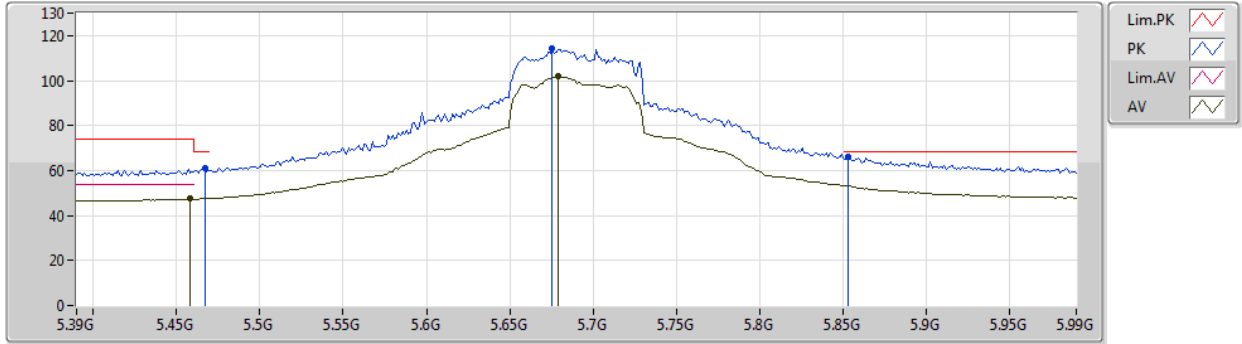
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AV	3.74002G	45.85	54.00	-8.15	4.74	3	Horizontal	29	1.50	-	41.11	29.24	9.51	34.01
AV	11.2197G	46.61	54.00	-7.39	19.20	3	Horizontal	146	1.50	-	27.41	39.91	13.46	34.17
PK	3.74005G	51.63	74.00	-22.37	4.74	3	Horizontal	29	1.50	-	46.89	29.24	9.51	34.01
PK	11.23044G	60.11	74.00	-13.89	19.20	3	Horizontal	146	1.50	-	40.91	39.90	13.47	34.17
PK	16.82418G	61.32	68.20	-6.88	20.44	3	Horizontal	295	2.77	-	40.88	39.73	14.32	33.61



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5690MHz Straddle 5.47-5.725GHz\_TX



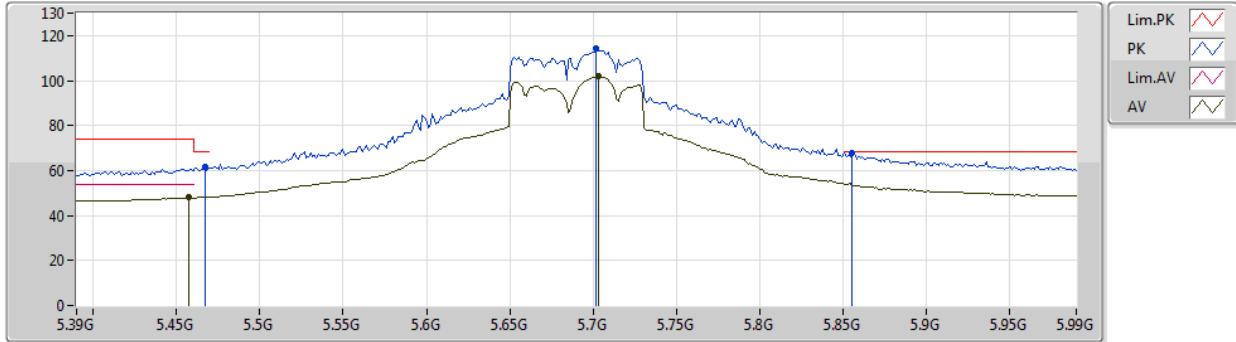
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4584G	47.40	54.00	-6.60	7.81	3	Vertical	0	2.04	-	39.59	31.68	10.20	34.07
AV	5.6792G	101.71	Inf	-Inf	8.03	3	Vertical	0	2.04	-	93.68	31.76	10.34	34.07
PK	5.4668G	60.88	68.20	-7.32	7.84	3	Vertical	0	2.04	-	53.04	31.70	10.21	34.07
PK	5.6756G	114.29	Inf	-Inf	8.02	3	Vertical	0	2.04	-	106.27	31.75	10.34	34.07
PK	5.8532G	65.95	68.20	-2.25	8.69	3	Vertical	0	2.04	-	57.26	32.26	10.51	34.08



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5690MHz Straddle 5.47-5.725GHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	47.98	54.00	-6.02	7.80	3	Horizontal	3	2.45	-	40.18	31.67	10.20	34.07
AV	5.7032G	101.80	Inf	-Inf	8.11	3	Horizontal	3	2.45	-	93.69	31.81	10.37	34.07
PK	5.4668G	61.75	68.20	-6.45	7.84	3	Horizontal	3	2.45	-	53.91	31.70	10.21	34.07
PK	5.702G	114.21	Inf	-Inf	8.11	3	Horizontal	3	2.45	-	106.10	31.81	10.37	34.07
PK	5.8556G	67.94	68.20	-0.26	8.70	3	Horizontal	3	2.45	-	59.24	32.27	10.51	34.08





802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5690MHz Straddle 5.47-5.725GHz\_TX



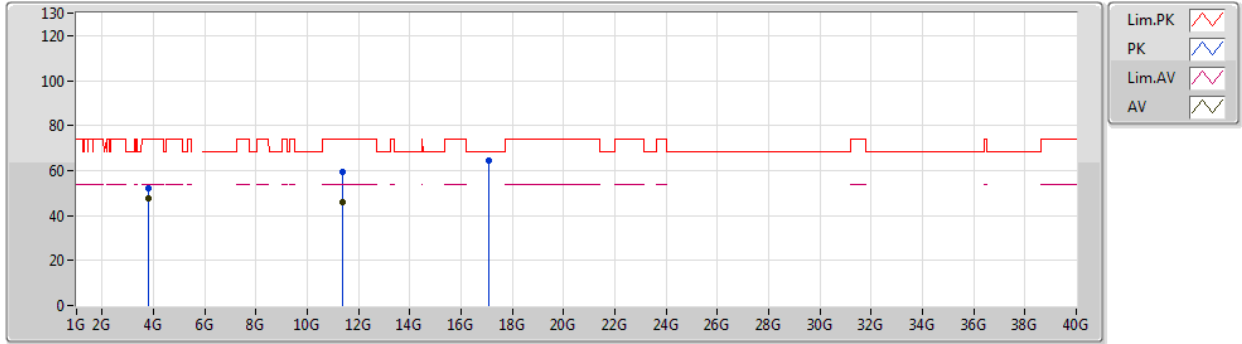
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.79335G	48.57	54.00	-5.43	4.80	3	Vertical	330	1.93	-	43.77	29.29	9.51	34.00
AV	11.39236G	46.09	54.00	-7.91	19.07	3	Vertical	357	1.10	-	27.02	39.69	13.56	34.18
PK	3.79343G	53.34	74.00	-20.66	4.80	3	Vertical	330	1.93	-	48.54	29.29	9.51	34.00
PK	11.3815G	59.71	74.00	-14.29	19.08	3	Vertical	357	1.10	-	40.63	39.70	13.56	34.18
PK	17.07384G	63.56	68.20	-4.64	21.77	3	Vertical	40	1.75	-	41.79	40.71	14.50	33.44



802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

19/11/2019

5690MHz Straddle 5.47-5.725GHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.79334G	47.87	54.00	-6.13	4.80	3	Horizontal	33	1.50	-	43.07	29.29	9.51	34.00
AV	11.3896G	46.08	54.00	-7.92	19.07	3	Horizontal	69	1.54	-	27.01	39.69	13.56	34.18
PK	3.79341G	52.27	74.00	-21.73	4.80	3	Horizontal	33	1.50	-	47.47	29.29	9.51	34.00
PK	11.38426G	59.55	74.00	-14.45	19.08	3	Horizontal	69	1.54	-	40.47	39.70	13.56	34.18
PK	17.07432G	64.38	68.20	-3.82	21.77	3	Horizontal	317	1.94	-	42.61	40.71	14.50	33.44



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.93	54.00	-0.07	3	Vertical	169	1.99	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.70	54.00	-0.30	3	Vertical	338	1.83	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.32	54.00	-0.68	3	Vertical	355	1.71	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	AV	5.369G	53.17	54.00	-0.83	3	Vertical	173	1.86	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	16.7282G	68.00	68.20	-0.20	3	Horizontal	50	1.46	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.854G	68.00	68.20	-0.20	3	Vertical	164	1.90	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.466G	68.00	68.20	-0.20	3	Vertical	359	1.75	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	PK	5.468G	67.80	68.20	-0.40	3	Vertical	162	1.99	-

Remark :

Page No. : D1 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



**RSE TX above 1GHz**  
**Beamforming\_Sample 2\_Radio 2\_Omni\_4T1S**

**Appendix D.21**

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1436G	50.73	54.00	-3.27	3	Vertical	341	1.88	-
5260MHz	Pass	AV	5.2678G	119.10	Inf	-Inf	3	Vertical	341	1.88	-
5260MHz	Pass	AV	5.35G	53.40	54.00	-0.60	3	Vertical	341	1.88	-
5260MHz	Pass	PK	5.1292G	62.99	74.00	-11.01	3	Vertical	341	1.88	-
5260MHz	Pass	PK	5.269G	128.20	Inf	-Inf	3	Vertical	341	1.88	-
5260MHz	Pass	PK	5.35G	65.92	74.00	-8.08	3	Vertical	341	1.88	-
5260MHz	Pass	AV	15.8024G	53.69	54.00	-0.31	3	Vertical	337	1.49	-
5260MHz	Pass	PK	10.5218G	61.37	68.20	-6.83	3	Vertical	13	1.44	-
5260MHz	Pass	PK	15.8052G	70.29	74.00	-3.71	3	Vertical	337	1.49	-
5260MHz	Pass	AV	15.77622G	53.35	54.00	-0.65	3	Horizontal	312	1.46	-
5260MHz	Pass	PK	10.515G	60.30	68.20	-7.90	3	Horizontal	29	1.41	-
5260MHz	Pass	PK	15.76908G	68.56	74.00	-5.44	3	Horizontal	312	1.46	-
5300MHz	Pass	AV	5.3012G	116.35	Inf	-Inf	3	Vertical	169	1.99	-
5300MHz	Pass	AV	5.35G	53.93	54.00	-0.07	3	Vertical	169	1.99	-
5300MHz	Pass	PK	5.303G	128.13	Inf	-Inf	3	Vertical	169	1.99	-
5300MHz	Pass	PK	5.35G	69.62	74.00	-4.38	3	Vertical	169	1.99	-
5300MHz	Pass	AV	10.6004G	49.36	54.00	-4.64	3	Vertical	357	1.63	-
5300MHz	Pass	AV	15.89754G	47.21	54.00	-6.79	3	Vertical	2	1.58	-
5300MHz	Pass	PK	10.5951G	62.41	68.20	-5.79	3	Vertical	357	1.63	-
5300MHz	Pass	PK	15.90018G	60.51	74.00	-13.49	3	Vertical	2	1.58	-
5300MHz	Pass	AV	10.60576G	41.61	54.00	-12.39	3	Horizontal	65	1.64	-
5300MHz	Pass	AV	15.91494G	46.82	54.00	-7.18	3	Horizontal	281	1.12	-
5300MHz	Pass	PK	10.60972G	55.33	74.00	-18.67	3	Horizontal	65	1.64	-
5300MHz	Pass	PK	15.909G	60.16	74.00	-13.84	3	Horizontal	281	1.12	-
5320MHz	Pass	AV	5.311G	114.01	Inf	-Inf	3	Vertical	344	1.85	-
5320MHz	Pass	AV	5.3506G	53.63	54.00	-0.37	3	Vertical	344	1.85	-
5320MHz	Pass	PK	5.311G	125.72	Inf	-Inf	3	Vertical	344	1.85	-
5320MHz	Pass	PK	5.35G	70.92	74.00	-3.08	3	Vertical	344	1.85	-
5320MHz	Pass	AV	10.63856G	47.13	54.00	-6.87	3	Vertical	357	1.65	-
5320MHz	Pass	AV	15.9519G	46.80	54.00	-7.20	3	Vertical	205	1.50	-
5320MHz	Pass	PK	10.6352G	60.32	74.00	-13.68	3	Vertical	357	1.65	-
5320MHz	Pass	PK	15.9711G	59.61	74.00	-14.39	3	Vertical	205	1.50	-
5320MHz	Pass	AV	10.63766G	42.50	54.00	-11.50	3	Horizontal	341	1.43	-
5320MHz	Pass	AV	15.95742G	46.75	54.00	-7.25	3	Horizontal	83	3.00	-
5320MHz	Pass	PK	10.6442G	55.34	74.00	-18.66	3	Horizontal	341	1.43	-
5320MHz	Pass	PK	15.95214G	60.34	74.00	-13.66	3	Horizontal	83	3.00	-
5500MHz	Pass	AV	5.4598G	50.56	54.00	-3.44	3	Vertical	341	1.83	-
5500MHz	Pass	AV	5.4976G	112.72	Inf	-Inf	3	Vertical	341	1.83	-
5500MHz	Pass	PK	5.4688G	67.86	68.20	-0.34	3	Vertical	341	1.83	-
5500MHz	Pass	PK	5.4976G	125.81	Inf	-Inf	3	Vertical	341	1.83	-
5500MHz	Pass	AV	10.99814G	47.49	54.00	-6.51	3	Vertical	329	1.77	-
5500MHz	Pass	PK	10.9949G	60.86	74.00	-13.14	3	Vertical	329	1.77	-
5500MHz	Pass	PK	16.51296G	62.48	68.20	-5.72	3	Vertical	242	1.55	-
5500MHz	Pass	AV	10.99856G	41.38	54.00	-12.62	3	Horizontal	227	1.09	-
5500MHz	Pass	PK	10.99184G	55.94	74.00	-18.06	3	Horizontal	227	1.09	-
5500MHz	Pass	PK	16.50678G	62.60	68.20	-5.60	3	Horizontal	103	2.09	-
5580MHz	Pass	AV	5.4468G	51.11	54.00	-2.89	3	Vertical	340	1.79	-

Remark :

Page No. : D2 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 2\_Radio 2\_Omni\_4T1S**

**Appendix D.21**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	5.5818G	119.21	Inf	-Inf	3	Vertical	340	1.79	-
5580MHz	Pass	PK	5.4678G	63.38	68.20	-4.82	3	Vertical	340	1.79	-
5580MHz	Pass	PK	5.5788G	128.81	Inf	-Inf	3	Vertical	340	1.79	-
5580MHz	Pass	PK	5.7252G	61.02	68.20	-7.18	3	Vertical	340	1.79	-
5580MHz	Pass	AV	11.1683G	43.93	54.00	-10.07	3	Vertical	197	1.25	-
5580MHz	Pass	PK	11.1635G	57.04	74.00	-16.96	3	Vertical	197	1.25	-
5580MHz	Pass	PK	16.736G	67.45	68.20	-0.75	3	Vertical	52	1.41	-
5580MHz	Pass	AV	11.1632G	43.96	54.00	-10.04	3	Horizontal	52	1.40	-
5580MHz	Pass	PK	11.1712G	56.80	74.00	-17.20	3	Horizontal	52	1.40	-
5580MHz	Pass	PK	16.7282G	68.00	68.20	-0.20	3	Horizontal	50	1.46	-
5700MHz	Pass	AV	5.7018G	109.00	Inf	-Inf	3	Vertical	337	1.87	-
5700MHz	Pass	PK	5.703G	121.96	Inf	-Inf	3	Vertical	337	1.87	-
5700MHz	Pass	PK	5.7258G	67.97	68.20	-0.23	3	Vertical	337	1.87	-
5700MHz	Pass	AV	11.3991G	44.42	54.00	-9.58	3	Vertical	306	1.74	-
5700MHz	Pass	PK	11.39862G	58.21	74.00	-15.79	3	Vertical	306	1.74	-
5700MHz	Pass	PK	17.09394G	64.84	68.20	-3.36	3	Vertical	89	1.50	-
5700MHz	Pass	AV	11.39946G	41.28	54.00	-12.72	3	Horizontal	33	1.48	-
5700MHz	Pass	PK	11.39382G	54.18	74.00	-19.82	3	Horizontal	33	1.48	-
5700MHz	Pass	PK	17.09754G	64.50	68.20	-3.70	3	Horizontal	278	1.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	50.24	54.00	-3.76	3	Vertical	341	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	116.54	Inf	-Inf	3	Vertical	341	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	61.77	68.20	-6.43	3	Vertical	341	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	128.32	Inf	-Inf	3	Vertical	341	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9264G	60.07	68.20	-8.13	3	Vertical	341	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	48.86	54.00	-5.14	3	Vertical	340	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43964G	61.53	74.00	-12.47	3	Vertical	340	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1546G	67.15	68.20	-1.05	3	Vertical	53	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44018G	44.71	54.00	-9.29	3	Horizontal	333	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44528G	59.38	74.00	-14.62	3	Horizontal	333	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15298G	67.97	68.20	-0.23	3	Horizontal	309	1.45	-
802.11ax HEW40-BF_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.1434G	50.72	54.00	-3.28	3	Vertical	338	1.88	-
5270MHz	Pass	AV	5.2844G	113.90	Inf	-Inf	3	Vertical	338	1.88	-
5270MHz	Pass	AV	5.35G	53.47	54.00	-0.53	3	Vertical	338	1.88	-
5270MHz	Pass	PK	5.1398G	62.97	74.00	-11.03	3	Vertical	338	1.88	-
5270MHz	Pass	PK	5.2772G	125.95	Inf	-Inf	3	Vertical	338	1.88	-
5270MHz	Pass	PK	5.3504G	68.85	74.00	-5.15	3	Vertical	338	1.88	-
5270MHz	Pass	AV	15.82416G	46.24	54.00	-7.76	3	Vertical	307	2.41	-
5270MHz	Pass	PK	10.5398G	60.00	68.20	-8.20	3	Vertical	1	1.41	-
5270MHz	Pass	PK	15.81078G	59.26	74.00	-14.74	3	Vertical	307	2.41	-
5270MHz	Pass	AV	15.79758G	46.25	54.00	-7.75	3	Horizontal	193	2.39	-
5270MHz	Pass	PK	10.5399G	54.72	68.20	-13.48	3	Horizontal	217	1.23	-
5270MHz	Pass	PK	15.79572G	59.39	74.00	-14.61	3	Horizontal	193	2.39	-
5310MHz	Pass	AV	5.3052G	104.37	Inf	-Inf	3	Vertical	338	1.83	-
5310MHz	Pass	AV	5.35G	53.70	54.00	-0.30	3	Vertical	338	1.83	-
5310MHz	Pass	PK	5.3088G	116.62	Inf	-Inf	3	Vertical	338	1.83	-
5310MHz	Pass	PK	5.3514G	68.68	74.00	-5.32	3	Vertical	338	1.83	-
5310MHz	Pass	AV	10.63254G	40.74	54.00	-13.26	3	Vertical	193	1.73	-
5310MHz	Pass	AV	15.92454G	47.08	54.00	-6.92	3	Vertical	99	1.04	-

Remark :

Page No. : D3 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 2\_Radio 2\_Omni\_4T1S**

**Appendix D.21**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	PK	10.60932G	53.48	74.00	-20.52	3	Vertical	193	1.73	-
5310MHz	Pass	PK	15.94302G	60.30	74.00	-13.70	3	Vertical	99	1.04	-
5310MHz	Pass	AV	10.63362G	40.97	54.00	-13.03	3	Horizontal	165	1.49	-
5310MHz	Pass	AV	15.9177G	47.02	54.00	-6.98	3	Horizontal	45	1.54	-
5310MHz	Pass	PK	10.6239G	53.93	74.00	-20.07	3	Horizontal	165	1.49	-
5310MHz	Pass	PK	15.91506G	60.32	74.00	-13.68	3	Horizontal	45	1.54	-
5510MHz	Pass	AV	5.459G	52.51	54.00	-1.49	3	Vertical	171	1.81	-
5510MHz	Pass	AV	5.519G	109.17	Inf	-Inf	3	Vertical	171	1.81	-
5510MHz	Pass	PK	5.4692G	67.98	68.20	-0.22	3	Vertical	171	1.81	-
5510MHz	Pass	PK	5.5208G	120.99	Inf	-Inf	3	Vertical	171	1.81	-
5510MHz	Pass	AV	11.01868G	43.08	54.00	-10.92	3	Vertical	194	1.86	-
5510MHz	Pass	PK	11.01466G	55.66	74.00	-18.34	3	Vertical	194	1.86	-
5510MHz	Pass	PK	16.5234G	62.93	68.20	-5.27	3	Vertical	207	1.50	-
5510MHz	Pass	AV	11.0305G	41.78	54.00	-12.22	3	Horizontal	90	1.50	-
5510MHz	Pass	PK	11.02642G	55.16	74.00	-18.84	3	Horizontal	90	1.50	-
5510MHz	Pass	PK	16.5297G	63.29	68.20	-4.91	3	Horizontal	56	1.50	-
5550MHz	Pass	AV	5.4588G	52.07	54.00	-1.93	3	Vertical	172	1.78	-
5550MHz	Pass	AV	5.5626G	113.29	Inf	-Inf	3	Vertical	172	1.78	-
5550MHz	Pass	PK	5.4642G	67.82	68.20	-0.38	3	Vertical	172	1.78	-
5550MHz	Pass	PK	5.5608G	125.74	Inf	-Inf	3	Vertical	172	1.78	-
5550MHz	Pass	AV	11.09124G	45.13	54.00	-8.87	3	Vertical	137	1.76	-
5550MHz	Pass	PK	11.09994G	61.11	74.00	-12.89	3	Vertical	137	1.76	-
5550MHz	Pass	PK	16.66284G	64.34	68.20	-3.86	3	Vertical	49	1.50	-
5550MHz	Pass	AV	11.09772G	42.17	54.00	-11.83	3	Horizontal	343	1.44	-
5550MHz	Pass	PK	11.097G	55.15	74.00	-18.85	3	Horizontal	343	1.44	-
5550MHz	Pass	PK	16.64538G	62.70	68.20	-5.50	3	Horizontal	60	1.50	-
5670MHz	Pass	AV	5.6574G	110.51	Inf	-Inf	3	Vertical	169	1.66	-
5670MHz	Pass	PK	5.658G	122.81	Inf	-Inf	3	Vertical	169	1.66	-
5670MHz	Pass	PK	5.7354G	67.53	68.20	-0.67	3	Vertical	169	1.66	-
5670MHz	Pass	AV	11.3394G	44.57	54.00	-9.43	3	Vertical	312	1.79	-
5670MHz	Pass	PK	11.33994G	60.08	74.00	-13.92	3	Vertical	312	1.79	-
5670MHz	Pass	PK	17.0232G	65.04	68.20	-3.16	3	Vertical	345	1.50	-
5670MHz	Pass	AV	11.33742G	41.45	54.00	-12.55	3	Horizontal	340	1.21	-
5670MHz	Pass	PK	11.33982G	54.69	74.00	-19.31	3	Horizontal	340	1.21	-
5670MHz	Pass	PK	17.01906G	65.09	68.20	-3.11	3	Horizontal	360	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.428G	50.19	54.00	-3.81	3	Vertical	164	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7256G	114.31	Inf	-Inf	3	Vertical	164	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	62.36	68.20	-5.84	3	Vertical	164	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7256G	125.68	Inf	-Inf	3	Vertical	164	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	68.00	68.20	-0.20	3	Vertical	164	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41916G	49.74	54.00	-4.26	3	Vertical	241	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42426G	63.40	74.00	-10.60	3	Vertical	241	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13084G	67.06	68.20	-1.14	3	Vertical	56	2.03	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41994G	47.15	54.00	-6.85	3	Horizontal	338	1.58	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41988G	61.45	74.00	-12.55	3	Horizontal	338	1.58	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12874G	67.86	68.20	-0.34	3	Horizontal	345	1.48	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.149G	47.18	54.00	-6.82	3	Vertical	355	1.71	-
5290MHz	Pass	AV	5.319G	101.91	Inf	-Inf	3	Vertical	355	1.71	-

Remark :

Page No. : D4 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz**  
**Beamforming\_Sample 2\_Radio 2\_Omni\_4T1S**

**Appendix D.21**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.35G	53.32	54.00	-0.68	3	Vertical	355	1.71	-
5290MHz	Pass	PK	5.116G	59.90	74.00	-14.10	3	Vertical	355	1.71	-
5290MHz	Pass	PK	5.321G	114.91	Inf	-Inf	3	Vertical	355	1.71	-
5290MHz	Pass	PK	5.351G	67.28	74.00	-6.72	3	Vertical	355	1.71	-
5290MHz	Pass	AV	15.87714G	46.48	54.00	-7.52	3	Vertical	59	2.15	-
5290MHz	Pass	PK	10.58816G	53.62	68.20	-14.58	3	Vertical	333	1.40	-
5290MHz	Pass	PK	15.87234G	59.85	74.00	-14.15	3	Vertical	59	2.15	-
5290MHz	Pass	AV	15.87732G	46.47	54.00	-7.53	3	Horizontal	360	1.49	-
5290MHz	Pass	PK	10.5914G	53.88	68.20	-14.32	3	Horizontal	64	1.49	-
5290MHz	Pass	PK	15.88068G	60.00	74.00	-14.00	3	Horizontal	360	1.49	-
5530MHz	Pass	AV	5.459G	52.64	54.00	-1.36	3	Vertical	359	1.75	-
5530MHz	Pass	AV	5.559G	102.76	Inf	-Inf	3	Vertical	359	1.75	-
5530MHz	Pass	PK	5.466G	68.00	68.20	-0.20	3	Vertical	359	1.75	-
5530MHz	Pass	PK	5.557G	116.41	Inf	-Inf	3	Vertical	359	1.75	-
5530MHz	Pass	PK	5.746G	58.44	68.20	-9.76	3	Vertical	359	1.75	-
5530MHz	Pass	AV	11.04842G	41.00	54.00	-13.00	3	Vertical	69	2.15	-
5530MHz	Pass	PK	11.0708G	54.44	74.00	-19.56	3	Vertical	69	2.15	-
5530MHz	Pass	PK	16.5897G	62.33	68.20	-5.87	3	Vertical	344	2.50	-
5530MHz	Pass	AV	11.04548G	40.89	54.00	-13.11	3	Horizontal	328	1.50	-
5530MHz	Pass	PK	11.0531G	54.57	74.00	-19.43	3	Horizontal	328	1.50	-
5530MHz	Pass	PK	16.58076G	62.24	68.20	-5.96	3	Horizontal	59	1.99	-
5610MHz	Pass	AV	5.459G	50.99	54.00	-3.01	3	Vertical	174	1.77	-
5610MHz	Pass	AV	5.625G	108.84	Inf	-Inf	3	Vertical	174	1.77	-
5610MHz	Pass	PK	5.462G	66.17	68.20	-2.03	3	Vertical	174	1.77	-
5610MHz	Pass	PK	5.631G	121.17	Inf	-Inf	3	Vertical	174	1.77	-
5610MHz	Pass	PK	5.731G	67.67	68.20	-0.53	3	Vertical	174	1.77	-
5610MHz	Pass	AV	11.20626G	41.06	54.00	-12.94	3	Vertical	170	1.71	-
5610MHz	Pass	PK	11.22006G	55.14	74.00	-18.86	3	Vertical	170	1.71	-
5610MHz	Pass	PK	16.82838G	63.07	68.20	-5.13	3	Vertical	336	2.33	-
5610MHz	Pass	AV	11.22006G	41.08	54.00	-12.92	3	Horizontal	102	1.87	-
5610MHz	Pass	PK	11.22054G	55.04	74.00	-18.96	3	Horizontal	102	1.87	-
5610MHz	Pass	PK	16.83042G	63.14	68.20	-5.06	3	Horizontal	194	2.24	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	49.31	54.00	-4.69	3	Vertical	343	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6528G	108.41	Inf	-Inf	3	Vertical	343	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	62.92	68.20	-5.28	3	Vertical	343	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	121.22	Inf	-Inf	3	Vertical	343	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	67.58	68.20	-0.62	3	Vertical	343	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37976G	41.82	54.00	-12.18	3	Vertical	29	2.47	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37964G	57.46	74.00	-16.54	3	Vertical	29	2.47	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06994G	65.03	68.20	-3.17	3	Vertical	277	1.48	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38018G	40.92	54.00	-13.08	3	Horizontal	56	1.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37442G	54.86	74.00	-19.14	3	Horizontal	56	1.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07846G	65.26	68.20	-2.94	3	Horizontal	293	1.49	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz	Pass	AV	5.144G	52.21	54.00	-1.79	3	Vertical	173	1.86	-
5250MHz	Pass	AV	5.241G	101.13	Inf	-Inf	3	Vertical	173	1.86	-
5250MHz	Pass	AV	5.369G	53.17	54.00	-0.83	3	Vertical	173	1.86	-
5250MHz	Pass	PK	5.095G	68.51	74.00	-5.49	3	Vertical	173	1.86	-
5250MHz	Pass	PK	5.24G	113.21	Inf	-Inf	3	Vertical	173	1.86	-

Remark :

Page No. : D5 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01



**RSE TX above 1GHz\_  
Beamforming\_Sample 2\_Radio 2\_Omni\_4T1S**

**Appendix D.21**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5250MHz	Pass	PK	5.383G	72.45	74.00	-1.55	3	Vertical	173	1.86	-
5250MHz	Pass	AV	15.747G	46.72	54.00	-7.28	3	Vertical	285	1.48	-
5250MHz	Pass	PK	10.50114G	54.72	68.20	-13.48	3	Vertical	0	1.48	-
5250MHz	Pass	PK	15.7389G	59.63	74.00	-14.37	3	Vertical	285	1.48	-
5250MHz	Pass	AV	15.74028G	46.68	54.00	-7.32	3	Horizontal	195	1.50	-
5250MHz	Pass	PK	10.49874G	54.12	68.20	-14.08	3	Horizontal	183	2.04	-
5250MHz	Pass	PK	15.75042G	59.78	74.00	-14.22	3	Horizontal	195	1.50	-
5570MHz	Pass	AV	5.46G	50.80	54.00	-3.20	3	Vertical	162	1.99	-
5570MHz	Pass	AV	5.506G	104.67	Inf	-Inf	3	Vertical	162	1.99	-
5570MHz	Pass	PK	5.468G	67.80	68.20	-0.40	3	Vertical	162	1.99	-
5570MHz	Pass	PK	5.606G	111.46	Inf	-Inf	3	Vertical	162	1.99	-
5570MHz	Pass	PK	5.735G	65.18	68.20	-3.02	3	Vertical	162	1.99	-
5570MHz	Pass	AV	11.13292G	41.50	54.00	-12.50	3	Vertical	178	1.42	-
5570MHz	Pass	PK	11.13814G	54.24	74.00	-19.76	3	Vertical	178	1.42	-
5570MHz	Pass	PK	16.72368G	63.46	68.20	-4.74	3	Vertical	1	2.05	-
5570MHz	Pass	AV	11.13556G	41.43	54.00	-12.57	3	Horizontal	59	1.49	-
5570MHz	Pass	PK	11.15302G	54.64	74.00	-19.36	3	Horizontal	59	1.49	-
5570MHz	Pass	PK	16.72386G	62.26	68.20	-5.94	3	Horizontal	216	1.49	-

Remark :

Page No. : D6 of D63

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

970235-01

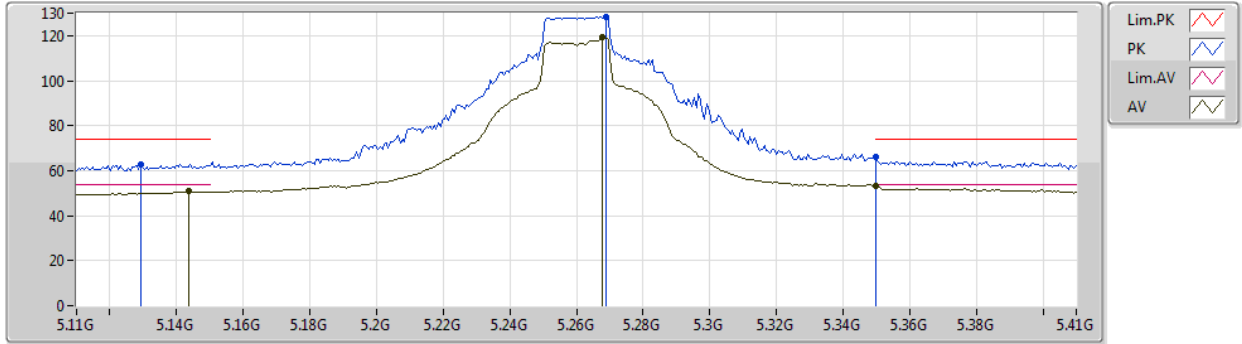




802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5260MHz\_TX



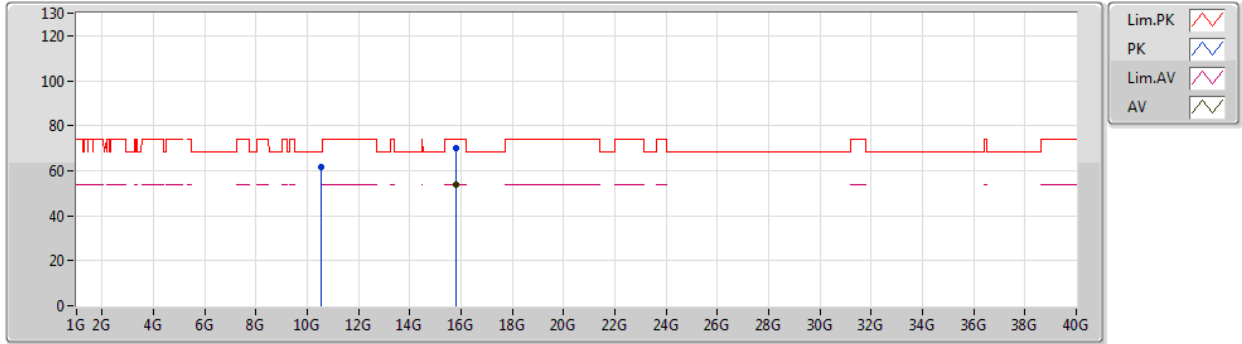
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1436G	50.73	54.00	-3.27	4.96	3	Vertical	341	1.88	-	45.77	31.76	7.03	33.83
AV	5.2678G	119.10	Inf	-Inf	5.13	3	Vertical	341	1.88	-	113.97	31.81	7.18	33.86
AV	5.35G	53.40	54.00	-0.60	5.24	3	Vertical	341	1.88	-	48.16	31.84	7.29	33.89
PK	5.1292G	62.99	74.00	-11.01	4.93	3	Vertical	341	1.88	-	58.06	31.75	7.01	33.83
PK	5.269G	128.20	Inf	-Inf	5.14	3	Vertical	341	1.88	-	123.06	31.81	7.19	33.86
PK	5.35G	65.92	74.00	-8.08	5.24	3	Vertical	341	1.88	-	60.68	31.84	7.29	33.89



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5260MHz\_TX



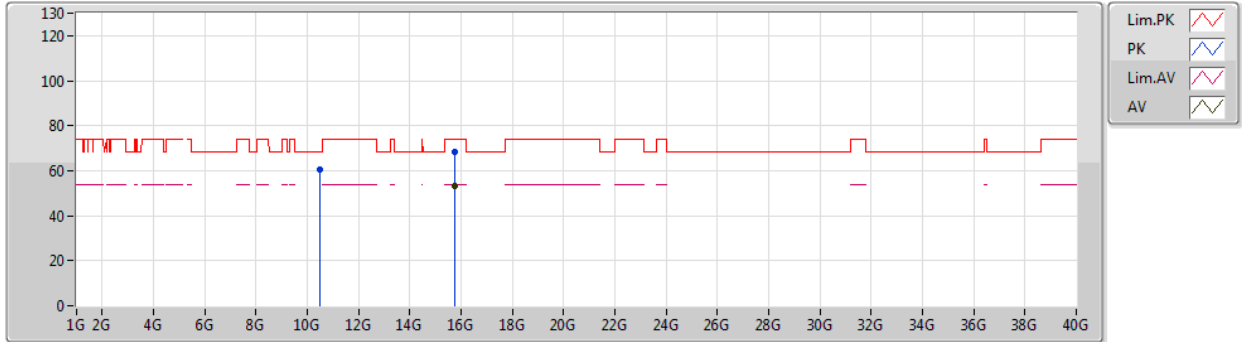
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AV	15.8024G	53.69	54.00	-0.31	18.63	3	Vertical	337	1.49	-	35.06	37.83	13.23	32.43
PK	10.5218G	61.37	68.20	-6.83	15.76	3	Vertical	13	1.44	-	45.61	39.58	10.36	34.18
PK	15.8052G	70.29	74.00	-3.71	18.62	3	Vertical	337	1.49	-	51.67	37.82	13.23	32.43



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5260MHz\_TX



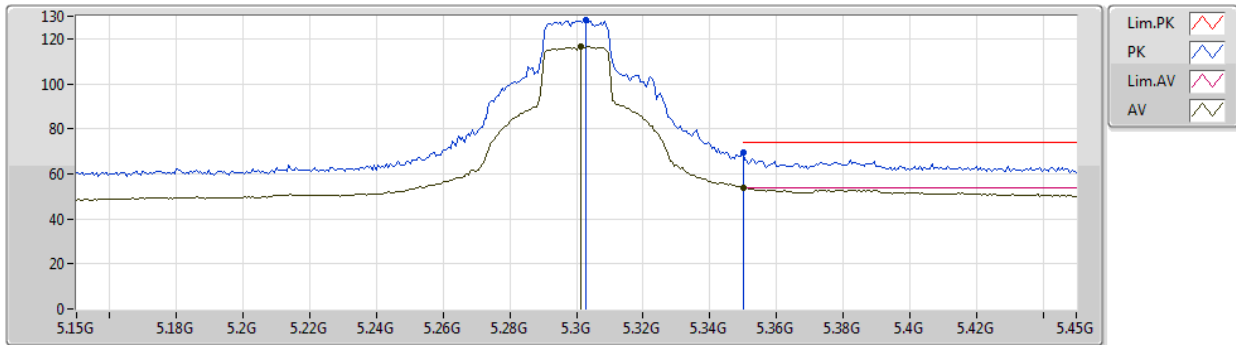
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AV	15.77622G	53.35	54.00	-0.65	18.71	3	Horizontal	312	1.46	-	34.64	37.93	13.19	32.41
PK	10.515G	60.30	68.20	-7.90	15.74	3	Horizontal	29	1.41	-	44.56	39.57	10.36	34.19
PK	15.76908G	68.56	74.00	-5.44	18.72	3	Horizontal	312	1.46	-	49.84	37.95	13.17	32.40



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5300MHz\_TX



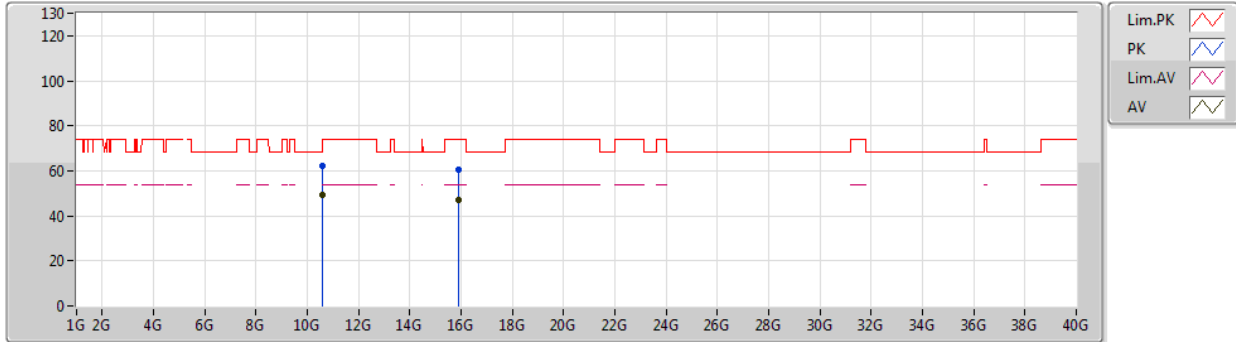
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3012G	116.35	Inf	-Inf	5.18	3	Vertical	169	1.99	-	111.17	31.82	7.23	33.87
AV	5.35G	53.93	54.00	-0.07	5.24	3	Vertical	169	1.99	-	48.69	31.84	7.29	33.89
PK	5.303G	128.13	Inf	-Inf	5.18	3	Vertical	169	1.99	-	122.95	31.82	7.23	33.87
PK	5.35G	69.62	74.00	-4.38	5.24	3	Vertical	169	1.99	-	64.38	31.84	7.29	33.89



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5300MHz\_TX



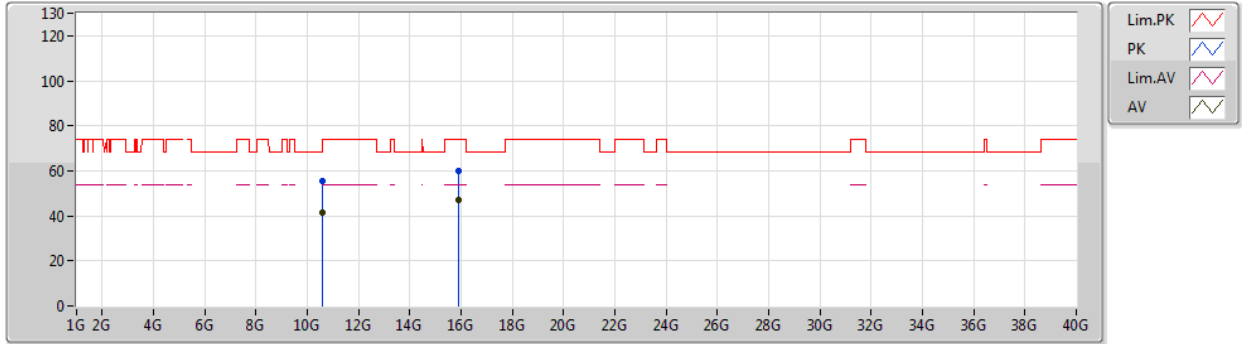
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6004G	49.36	54.00	-4.64	15.92	3	Vertical	357	1.63	-	33.44	39.68	10.37	34.13
AV	15.89754G	47.21	54.00	-6.79	18.36	3	Vertical	2	1.58	-	28.85	37.48	13.38	32.50
PK	10.5951G	62.41	68.20	-5.79	15.91	3	Vertical	357	1.63	-	46.50	39.67	10.37	34.13
PK	15.90018G	60.51	74.00	-13.49	18.35	3	Vertical	2	1.58	-	42.16	37.47	13.38	32.50



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5300MHz\_TX



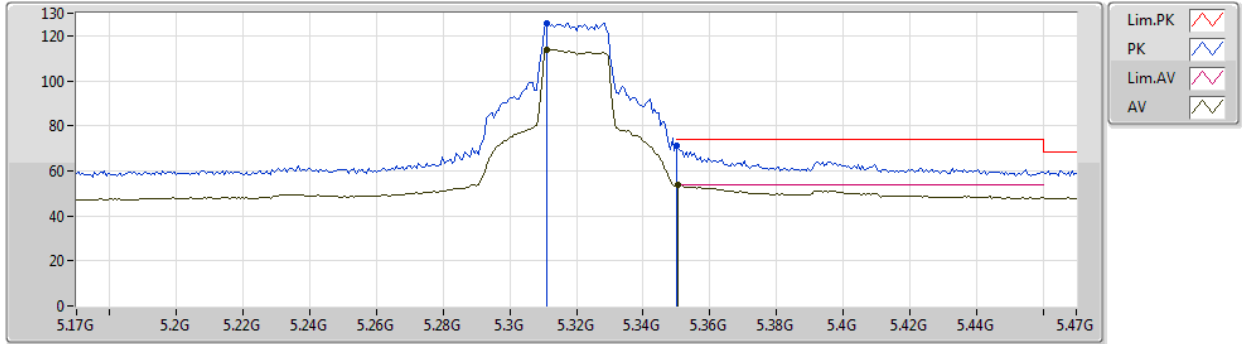
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60576G	41.61	54.00	-12.39	15.93	3	Horizontal	65	1.64	-	25.68	39.69	10.37	34.13
AV	15.91494G	46.82	54.00	-7.18	18.30	3	Horizontal	281	1.12	-	28.52	37.41	13.40	32.51
PK	10.60972G	55.33	74.00	-18.67	15.94	3	Horizontal	65	1.64	-	39.39	39.69	10.37	34.12
PK	15.909G	60.16	74.00	-13.84	18.32	3	Horizontal	281	1.12	-	41.84	37.44	13.39	32.51



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5320MHz\_TX



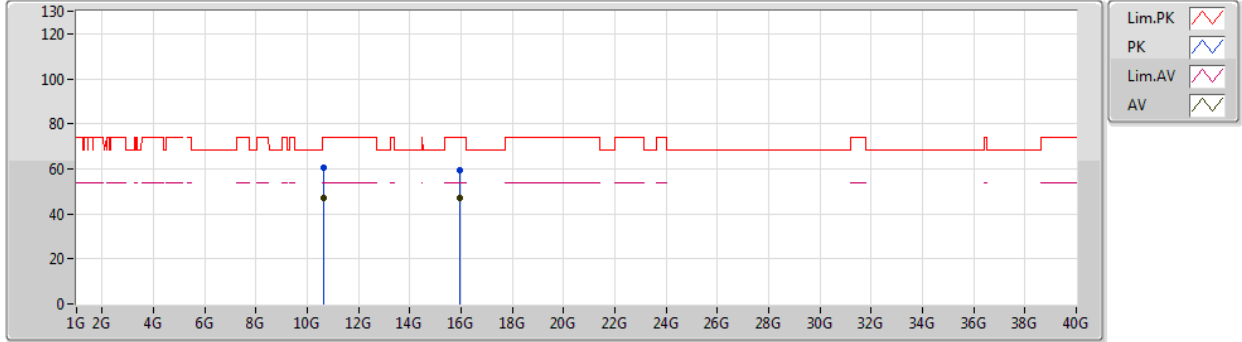
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.311G	114.01	Inf	-Inf	5.19	3	Vertical	344	1.85	-	108.82	31.82	7.24	33.87
AV	5.3506G	53.63	54.00	-0.37	5.24	3	Vertical	344	1.85	-	48.39	31.84	7.29	33.89
PK	5.311G	125.72	Inf	-Inf	5.19	3	Vertical	344	1.85	-	120.53	31.82	7.24	33.87
PK	5.35G	70.92	74.00	-3.08	5.24	3	Vertical	344	1.85	-	65.68	31.84	7.29	33.89



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5320MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63856G	47.13	54.00	-6.87	16.01	3	Vertical	357	1.65	-	31.12	39.73	10.38	34.10
AV	15.9519G	46.80	54.00	-7.20	18.20	3	Vertical	205	1.50	-	28.60	37.28	13.46	32.54
PK	10.6352G	60.32	74.00	-13.68	16.00	3	Vertical	357	1.65	-	44.32	39.73	10.38	34.11
PK	15.9711G	59.61	74.00	-14.39	18.14	3	Vertical	205	1.50	-	41.47	37.21	13.49	32.56

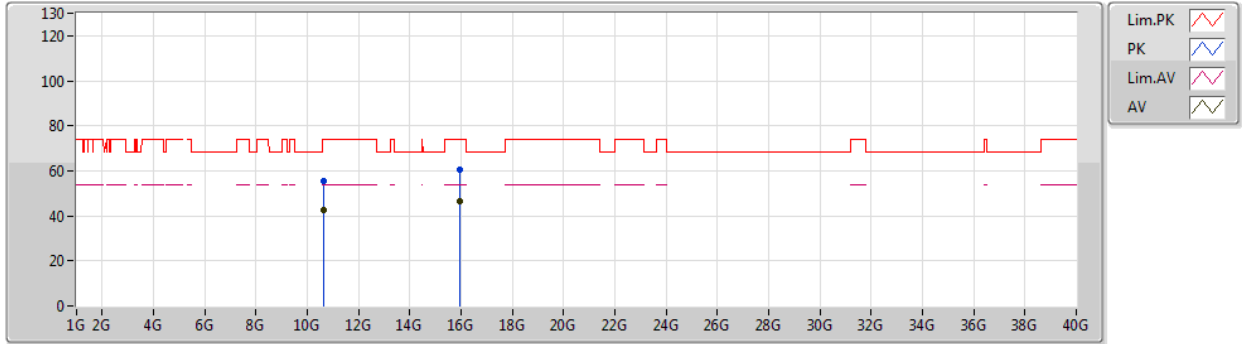




802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5320MHz\_TX



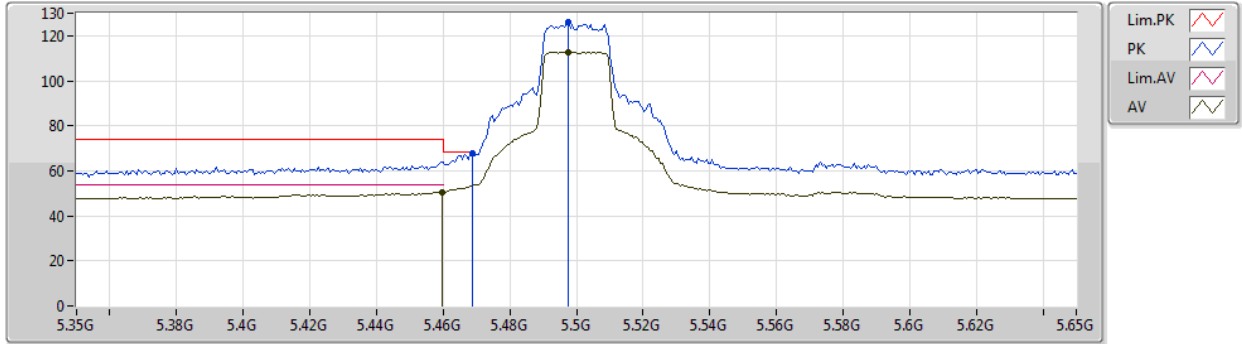
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63766G	42.50	54.00	-11.50	16.01	3	Horizontal	341	1.43	-	26.49	39.73	10.38	34.10
AV	15.95742G	46.75	54.00	-7.25	18.18	3	Horizontal	83	3.00	-	28.57	37.26	13.47	32.55
PK	10.6442G	55.34	74.00	-18.66	16.02	3	Horizontal	341	1.43	-	39.32	39.74	10.38	34.10
PK	15.95214G	60.34	74.00	-13.66	18.20	3	Horizontal	83	3.00	-	42.14	37.28	13.46	32.54



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5500MHz\_TX



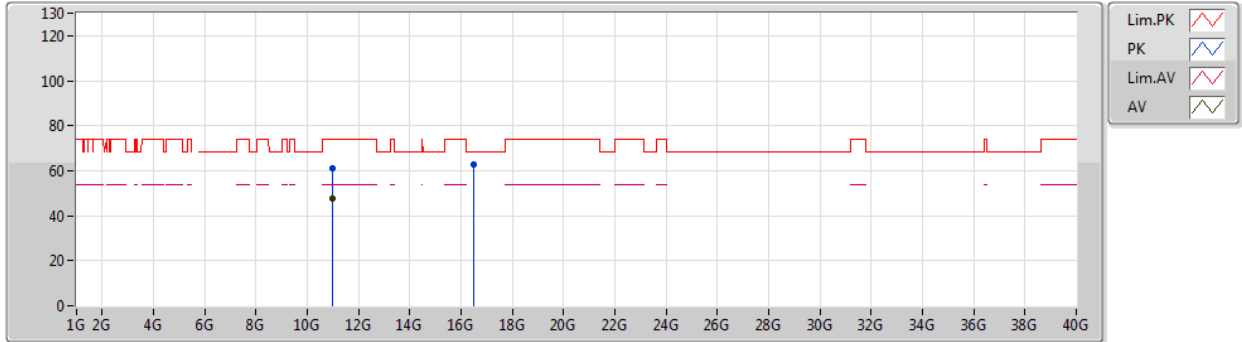
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AV	5.4598G	50.56	54.00	-3.44	5.40	3	Vertical	341	1.83	-	45.16	31.88	7.43	33.91
AV	5.4976G	112.72	Inf	-Inf	5.45	3	Vertical	341	1.83	-	107.27	31.90	7.47	33.92
PK	5.4688G	67.86	68.20	-0.34	5.42	3	Vertical	341	1.83	-	62.44	31.89	7.44	33.91
PK	5.4976G	125.81	Inf	-Inf	5.45	3	Vertical	341	1.83	-	120.36	31.90	7.47	33.92



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

27/11/2019

5500MHz\_TX



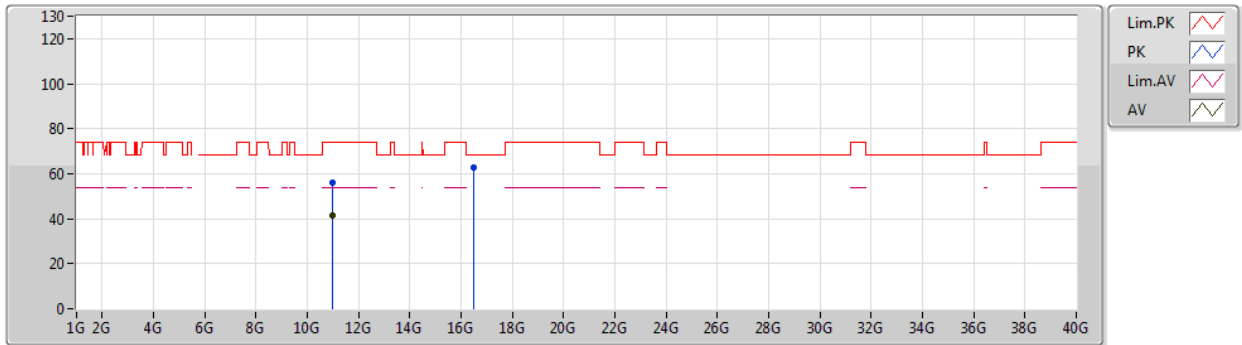
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99814G	47.49	54.00	-6.51	16.79	3	Vertical	329	1.77	-	30.70	40.20	10.44	33.85
PK	10.9949G	60.86	74.00	-13.14	16.78	3	Vertical	329	1.77	-	44.08	40.19	10.44	33.85
PK	16.51296G	62.48	68.20	-5.72	20.38	3	Vertical	242	1.55	-	42.10	38.59	13.69	31.90



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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99856G	41.38	54.00	-12.62	16.79	3	Horizontal	227	1.09	-	24.59	40.20	10.44	33.85
PK	10.99184G	55.94	74.00	-18.06	16.77	3	Horizontal	227	1.09	-	39.17	40.19	10.44	33.86
PK	16.50678G	62.60	68.20	-5.60	20.35	3	Horizontal	103	2.09	-	42.25	38.57	13.69	31.91