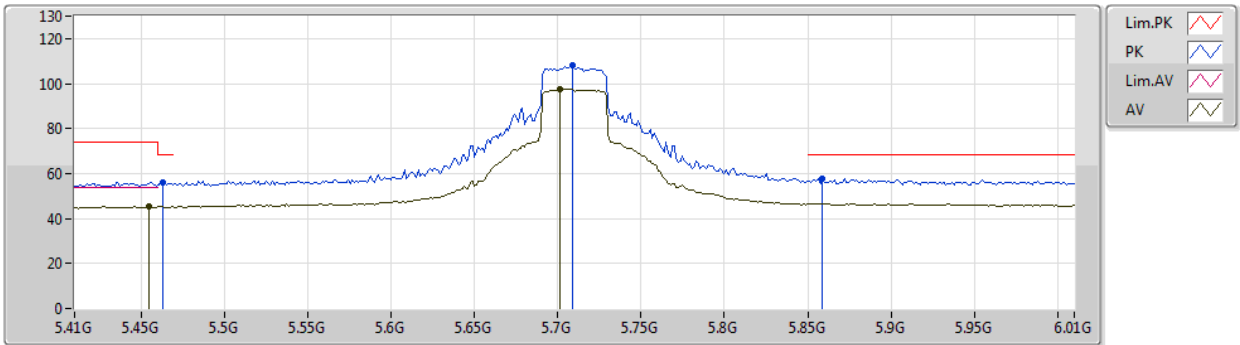


802.11ax HEW40_Nss2,(MCS0)_2TX

24/10/2019

5710MHz Straddle 5.47-5.725GHz_TX

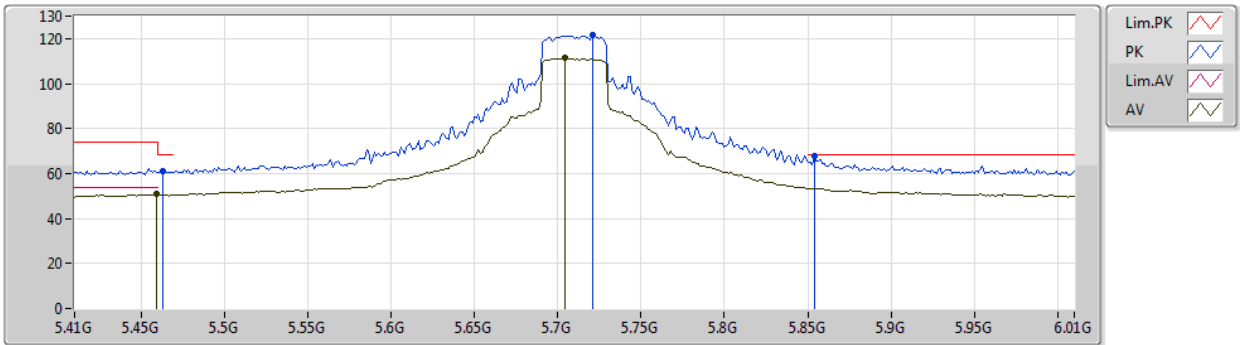


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4544G	45.43	54.00	-8.57	8.52	3	Vertical	340	1.00	-	36.91	31.72	6.17	29.37
AV	5.7016G	97.72	Inf	-Inf	8.79	3	Vertical	340	1.00	-	88.93	31.80	6.35	29.36
PK	5.4628G	56.17	68.20	-12.03	8.55	3	Vertical	340	1.00	-	47.62	31.75	6.17	29.37
PK	5.7088G	108.06	Inf	-Inf	8.82	3	Vertical	340	1.00	-	99.24	31.82	6.36	29.36
PK	5.8588G	57.95	68.20	-10.25	9.24	3	Vertical	340	1.00	-	48.71	32.12	6.48	29.36

802.11ax HEW40_Nss2,(MCS0)_2TX

24/10/2019

5710MHz Straddle 5.47-5.725GHz_TX

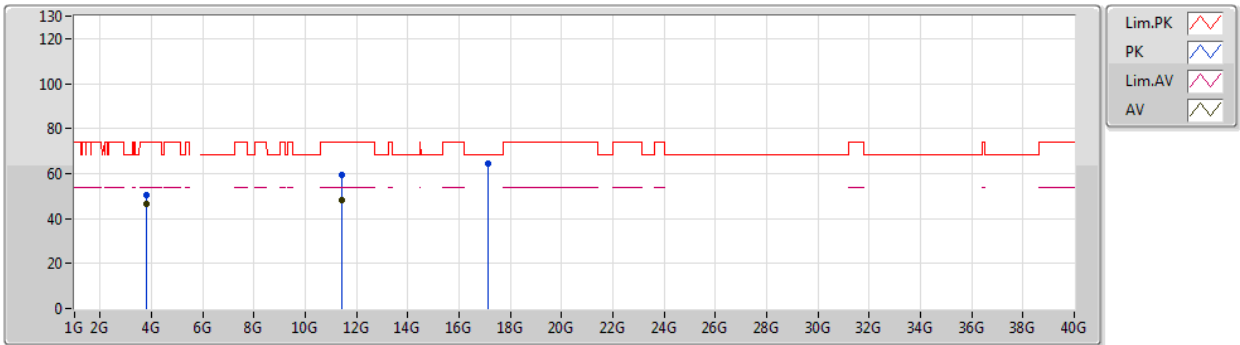


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	50.74	54.00	-3.26	8.54	3	Horizontal	6	1.64	-	42.20	31.74	6.17	29.37
AV	5.704G	111.32	Inf	-Inf	8.80	3	Horizontal	6	1.64	-	102.52	31.81	6.35	29.36
PK	5.4628G	61.10	68.20	-7.10	8.55	3	Horizontal	6	1.64	-	52.55	31.75	6.17	29.37
PK	5.7208G	121.70	Inf	-Inf	8.85	3	Horizontal	6	1.64	-	112.85	31.84	6.37	29.36
PK	5.854G	67.85	68.20	-0.35	9.22	3	Horizontal	6	1.64	-	58.63	32.11	6.47	29.36

802.11ax HEW40_Nss2,(MCS0)_2TX

24/10/2019

5710MHz Straddle 5.47-5.725GHz_TX

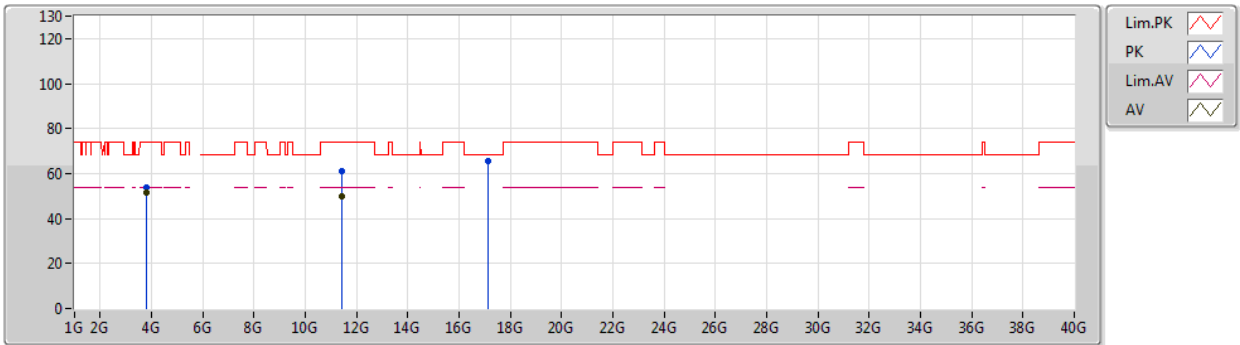


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.80663G	46.55	54.00	-7.45	4.79	3	Vertical	0	1.69	-	41.76	29.33	5.13	29.67
AV	11.4199G	48.23	54.00	-5.77	18.20	3	Vertical	339	1.31	-	30.03	39.57	9.42	30.79
PK	3.80659G	50.28	74.00	-23.72	4.79	3	Vertical	0	1.69	-	45.49	29.33	5.13	29.67
PK	11.4187G	59.17	74.00	-14.83	18.20	3	Vertical	339	1.31	-	40.97	39.57	9.42	30.79
PK	17.1347G	64.44	68.20	-3.76	20.73	3	Vertical	33	1.10	-	43.71	40.99	11.36	31.62

802.11ax HEW40_Nss2,(MCS0)_2TX

24/10/2019

5710MHz Straddle 5.47-5.725GHz_TX

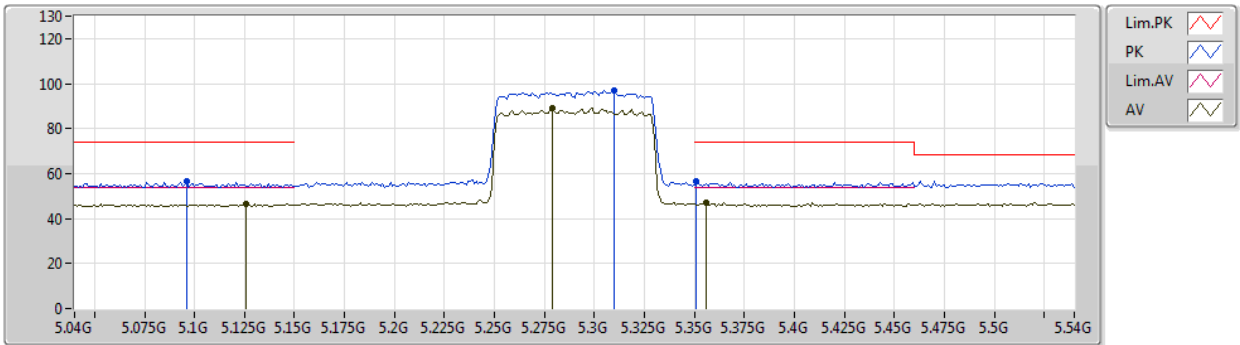


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.80666G	51.33	54.00	-2.67	4.79	3	Horizontal	316	2.41	-	46.54	29.33	5.13	29.67
AV	11.4212G	49.83	54.00	-4.17	18.20	3	Horizontal	294	1.42	-	31.63	39.57	9.42	30.79
PK	3.8067G	53.70	74.00	-20.30	4.79	3	Horizontal	316	2.41	-	48.91	29.33	5.13	29.67
PK	11.4166G	61.03	74.00	-12.97	18.20	3	Horizontal	294	1.42	-	42.83	39.58	9.42	30.80
PK	17.13918G	65.65	68.20	-2.55	20.77	3	Horizontal	32	1.50	-	44.88	41.02	11.37	31.62

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5290MHz_TX



EUT & ANT on Fixture
Setting 50

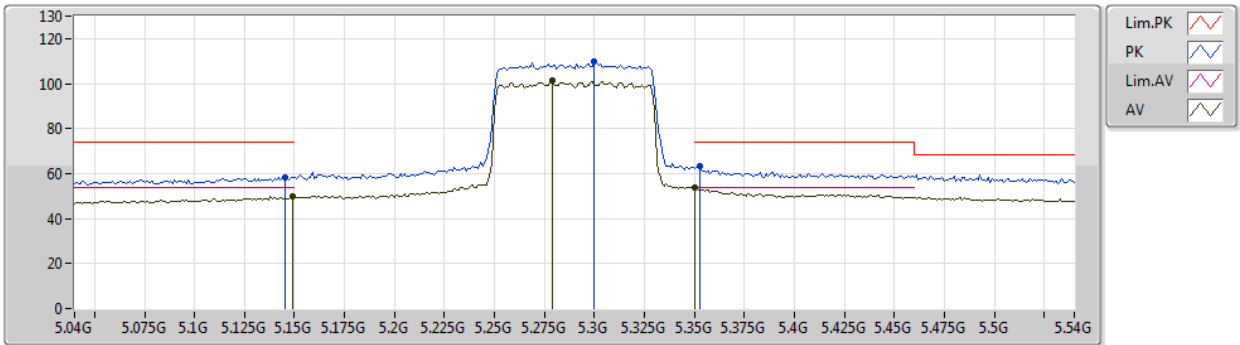
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.126G	46.35	54.00	-7.65	8.41	3	Vertical	333	1.01	-	37.94	31.75	5.99	29.33
AV	5.279G	89.15	Inf	-Inf	8.08	3	Vertical	333	1.01	-	81.07	31.36	6.07	29.35
AV	5.356G	46.91	54.00	-7.09	8.16	3	Vertical	333	1.01	-	38.75	31.41	6.11	29.36
PK	5.096G	56.55	74.00	-17.45	8.43	3	Vertical	333	1.01	-	48.12	31.79	5.97	29.33
PK	5.31G	97.11	Inf	-Inf	8.06	3	Vertical	333	1.01	-	89.05	31.32	6.09	29.35
PK	5.351G	56.49	74.00	-17.51	8.15	3	Vertical	333	1.01	-	48.34	31.40	6.11	29.36



802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5290MHz_TX



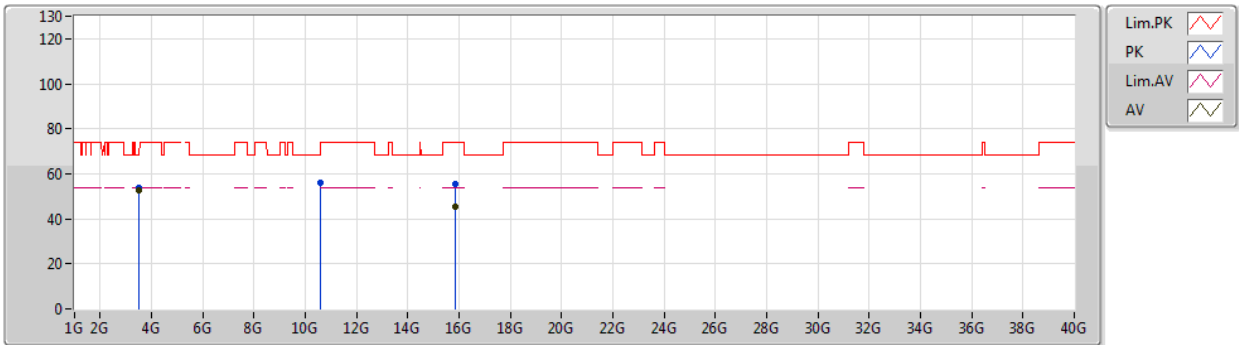
EUT & ANT on Fixture
Setting 50

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	5.149G	49.95	54.00	-4.05	8.37	3	Horizontal	4	1.81	-	41.58	31.70	6.00	29.33
AV	5.279G	101.25	Inf	-Inf	8.08	3	Horizontal	4	1.81	-	93.17	31.36	6.07	29.35
AV	5.35G	53.86	54.00	-0.14	8.15	3	Horizontal	4	1.81	-	45.71	31.40	6.11	29.36
PK	5.145G	58.47	74.00	-15.53	8.38	3	Horizontal	4	1.81	-	50.09	31.71	6.00	29.33
PK	5.3G	109.72	Inf	-Inf	8.03	3	Horizontal	4	1.81	-	101.69	31.30	6.08	29.35
PK	5.353G	63.18	74.00	-10.82	8.16	3	Horizontal	4	1.81	-	55.02	31.41	6.11	29.36

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5290MHz_TX



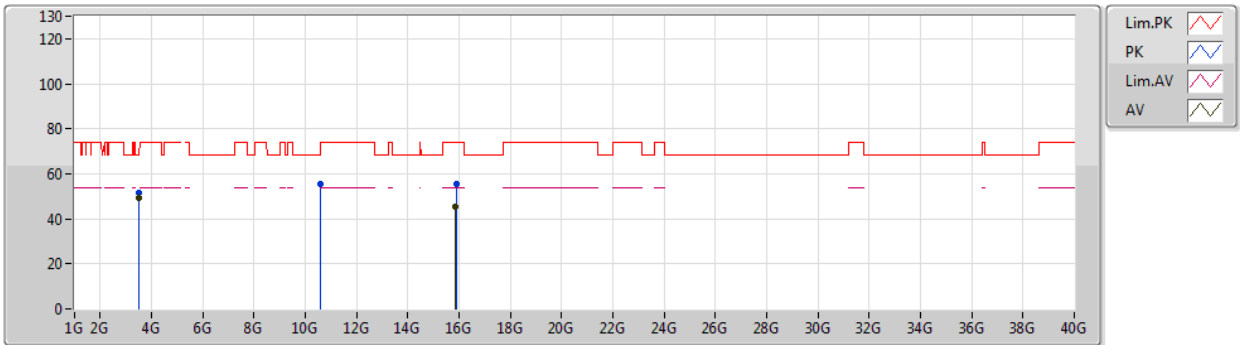
EUT & ANT on Fixture
Setting 50

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	3.52668G	52.45	54.00	-1.55	3.86	3	Vertical	355	2.04	-	48.59	28.73	4.92	29.79
AV	15.8688G	45.63	54.00	-8.37	16.17	3	Vertical	19	1.50	-	29.46	37.16	10.94	31.93
PK	3.52663G	54.02	74.00	-19.98	3.86	3	Vertical	355	2.04	-	50.16	28.73	4.92	29.79
PK	10.5665G	56.00	68.20	-12.20	17.85	3	Vertical	20	1.50	-	38.15	39.64	8.84	30.63
PK	15.86712G	55.45	74.00	-18.55	16.18	3	Vertical	19	1.50	-	39.27	37.17	10.94	31.93

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5290MHz_TX



EUT & ANT on Fixture
Setting 50

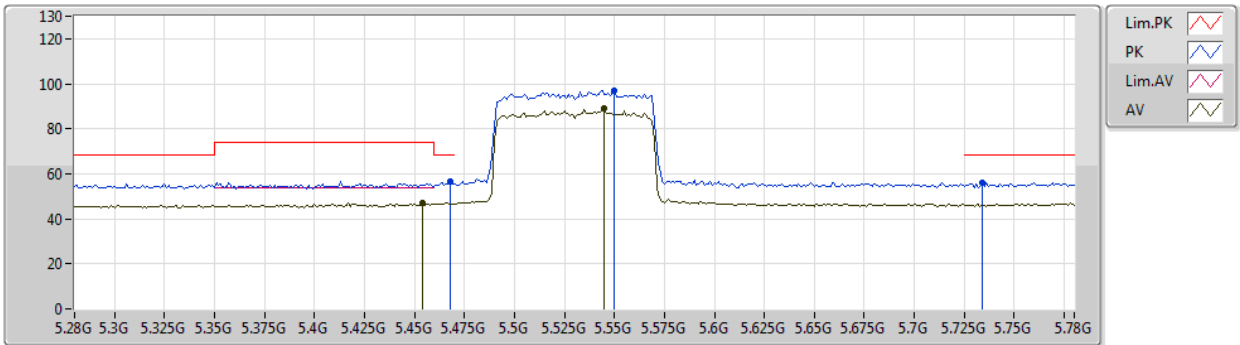
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.52662G	49.28	54.00	-4.72	3.86	3	Horizontal	318	1.27	-	45.42	28.73	4.92	29.79
AV	15.86028G	45.65	54.00	-8.35	16.21	3	Horizontal	49	1.50	-	29.44	37.20	10.94	31.93
PK	3.52664G	51.58	74.00	-22.42	3.86	3	Horizontal	318	1.27	-	47.72	28.73	4.92	29.79
PK	10.5905G	55.56	68.20	-12.64	17.88	3	Horizontal	191	1.50	-	37.68	39.67	8.85	30.64
PK	15.87954G	55.68	74.00	-18.32	16.13	3	Horizontal	49	1.50	-	39.55	37.12	10.94	31.93



802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5530MHz_TX



EUT & ANT on Fixture
Setting 57

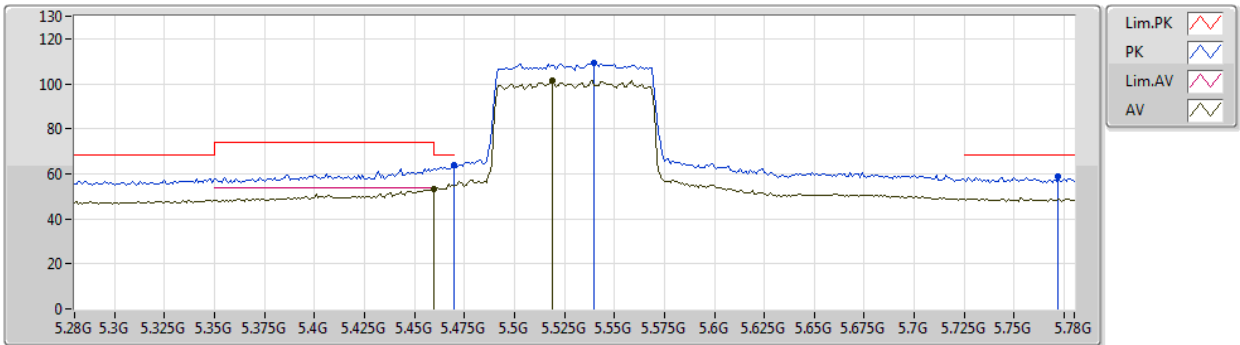
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AV	5.454G	47.05	54.00	-6.95	8.52	3	Vertical	330	1.16	-	38.53	31.72	6.17	29.37
AV	5.545G	88.97	Inf	-Inf	8.67	3	Vertical	330	1.16	-	80.30	31.81	6.23	29.37
PK	5.468G	56.47	68.20	-11.73	8.57	3	Vertical	330	1.16	-	47.90	31.77	6.17	29.37
PK	5.55G	96.83	Inf	-Inf	8.66	3	Vertical	330	1.16	-	88.17	31.80	6.23	29.37
PK	5.734G	56.05	68.20	-12.15	8.89	3	Vertical	330	1.16	-	47.16	31.87	6.38	29.36



802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5530MHz_TX



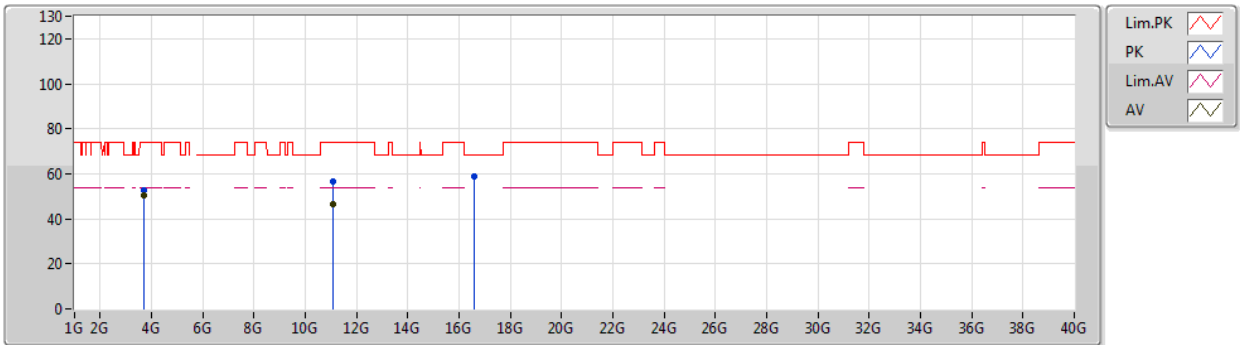
EUT & ANT on Fixture
Setting 57

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	53.43	54.00	-0.57	8.54	3	Horizontal	0	1.74	-	44.89	31.74	6.17	29.37
AV	5.519G	101.38	Inf	-Inf	8.70	3	Horizontal	0	1.74	-	92.68	31.86	6.21	29.37
PK	5.47G	63.77	68.20	-4.43	8.58	3	Horizontal	0	1.74	-	55.19	31.78	6.17	29.37
PK	5.54G	109.54	Inf	-Inf	8.67	3	Horizontal	0	1.74	-	100.87	31.82	6.22	29.37
PK	5.772G	58.74	68.20	-9.46	8.99	3	Horizontal	0	1.74	-	49.75	31.94	6.41	29.36

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5530MHz_TX



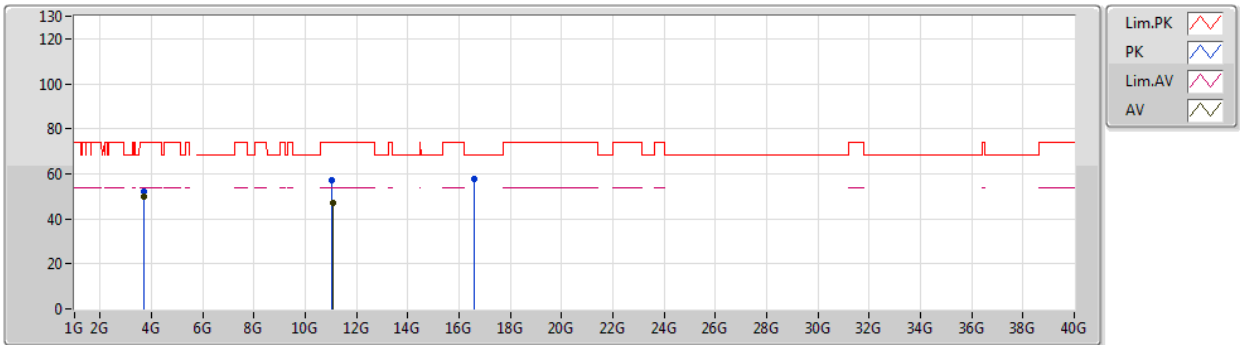
EUT & ANT on Fixture
Setting 57

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	3.6866G	50.22	54.00	-3.78	4.42	3	Vertical	321	2.28	-	45.80	29.10	5.04	29.72
AV	11.0848G	46.55	54.00	-7.45	18.37	3	Vertical	6	1.46	-	28.18	40.07	9.19	30.89
PK	3.68667G	52.40	74.00	-21.60	4.42	3	Vertical	321	2.28	-	47.98	29.10	5.04	29.72
PK	11.0648G	56.63	74.00	-17.37	18.37	3	Vertical	6	1.46	-	38.26	40.10	9.17	30.90
PK	16.59168G	58.68	68.20	-9.52	18.17	3	Vertical	174	1.23	-	40.51	38.67	11.19	31.69

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5530MHz_TX



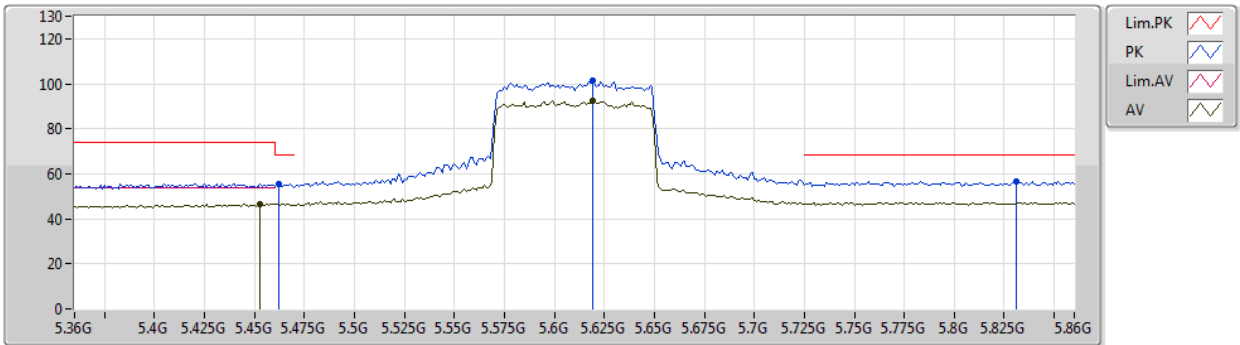
EUT & ANT on Fixture
Setting 57

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	3.68667G	50.06	54.00	-3.94	4.42	3	Horizontal	321	2.28	-	45.64	29.10	5.04	29.72
AV	11.06852G	46.83	54.00	-7.17	18.38	3	Horizontal	280	1.33	-	28.45	40.10	9.18	30.90
PK	3.68675G	52.10	74.00	-21.90	4.42	3	Horizontal	321	2.28	-	47.68	29.10	5.04	29.72
PK	11.05652G	57.11	74.00	-16.89	18.39	3	Horizontal	280	1.33	-	38.72	40.12	9.17	30.90
PK	16.6026G	57.87	68.20	-10.33	18.21	3	Horizontal	22	1.50	-	39.66	38.71	11.19	31.69

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5610MHz_TX



EUT & ANT on Fixture
Setting 72

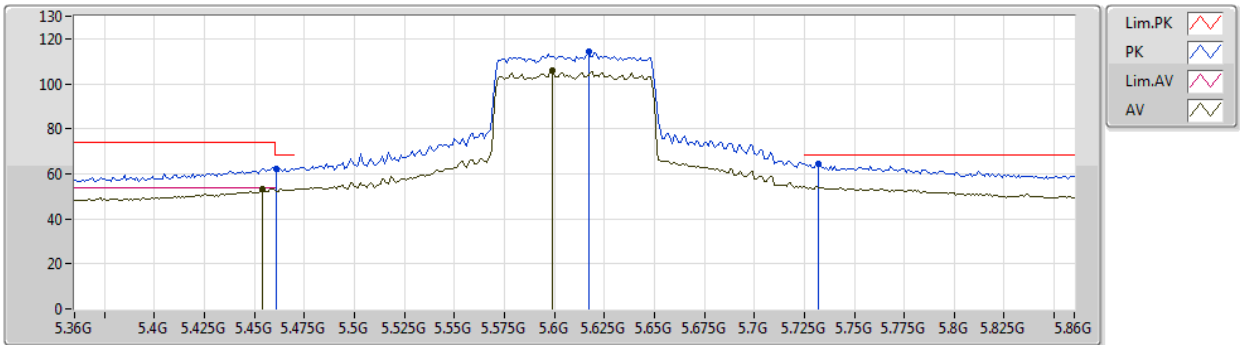
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AV	5.453G	46.56	54.00	-7.44	8.50	3	Vertical	342	1.04	-	38.06	31.71	6.16	29.37
AV	5.619G	92.54	Inf	-Inf	8.64	3	Vertical	342	1.04	-	83.90	31.72	6.29	29.37
PK	5.462G	55.68	68.20	-12.52	8.55	3	Vertical	342	1.04	-	47.13	31.75	6.17	29.37
PK	5.619G	101.28	Inf	-Inf	8.64	3	Vertical	342	1.04	-	92.64	31.72	6.29	29.37
PK	5.831G	56.86	68.20	-11.34	9.15	3	Vertical	342	1.04	-	47.71	32.06	6.45	29.36



802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5610MHz_TX



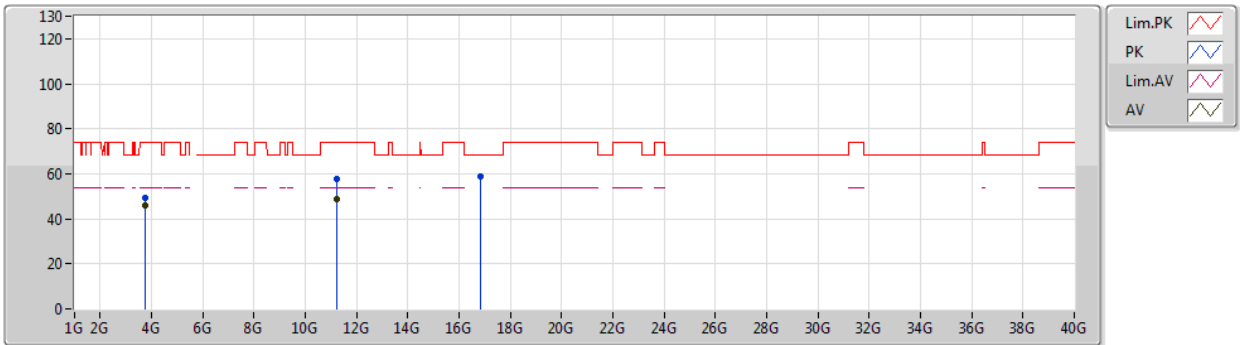
EUT & ANT on Fixture
Setting 72

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	5.454G	53.03	54.00	-0.97	8.52	3	Horizontal	8	1.74	-	44.51	31.72	6.17	29.37
AV	5.599G	105.71	Inf	-Inf	8.60	3	Horizontal	8	1.74	-	97.11	31.70	6.27	29.37
PK	5.461G	62.46	68.20	-5.74	8.54	3	Horizontal	8	1.74	-	53.92	31.74	6.17	29.37
PK	5.617G	114.17	Inf	-Inf	8.63	3	Horizontal	8	1.74	-	105.54	31.72	6.28	29.37
PK	5.732G	64.28	68.20	-3.92	8.88	3	Horizontal	8	1.74	-	55.40	31.86	6.38	29.36

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5610MHz_TX



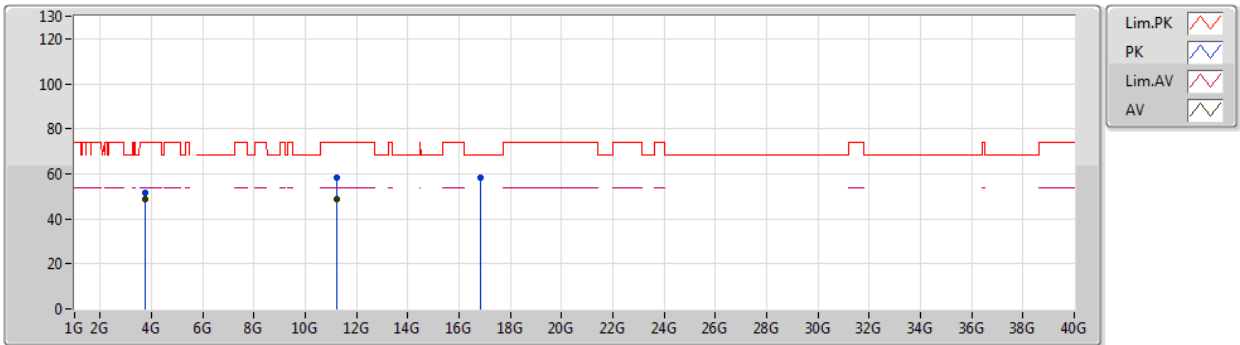
EUT & ANT on Fixture
Setting 72

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	3.73999G	45.72	54.00	-8.28	4.57	3	Vertical	59	1.59	-	41.15	29.18	5.08	29.69
AV	11.2304G	48.53	54.00	-5.47	18.29	3	Vertical	12	1.16	-	30.24	39.85	9.29	30.85
PK	3.73995G	49.28	74.00	-24.72	4.57	3	Vertical	59	1.59	-	44.71	29.18	5.08	29.69
PK	11.2149G	57.92	74.00	-16.08	18.30	3	Vertical	12	1.16	-	39.62	39.88	9.28	30.86
PK	16.83474G	59.07	68.20	-9.13	19.10	3	Vertical	14	1.50	-	39.97	39.52	11.27	31.69

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5610MHz_TX



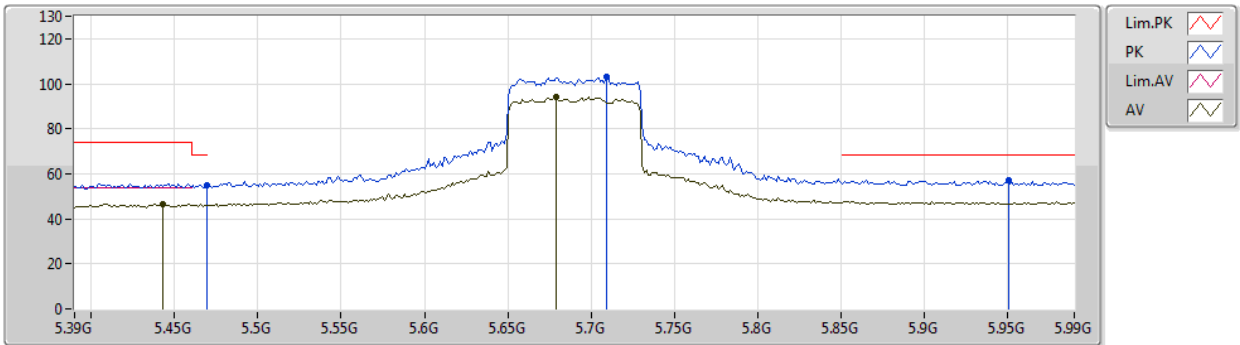
EUT & ANT on Fixture
Setting 72

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	3.73999G	48.95	54.00	-5.05	4.57	3	Horizontal	24	1.90	-	44.38	29.18	5.08	29.69
AV	11.23044G	48.62	54.00	-5.38	18.29	3	Horizontal	286	1.50	-	30.33	39.85	9.29	30.85
PK	3.74004G	51.35	74.00	-22.65	4.57	3	Horizontal	24	1.90	-	46.78	29.18	5.08	29.69
PK	11.22786G	58.29	74.00	-15.71	18.30	3	Horizontal	286	1.50	-	39.99	39.86	9.29	30.85
PK	16.81806G	58.45	68.20	-9.75	19.03	3	Horizontal	174	2.35	-	39.42	39.46	11.26	31.69

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5690MHz Straddle 5.47-5.725GHz_TX



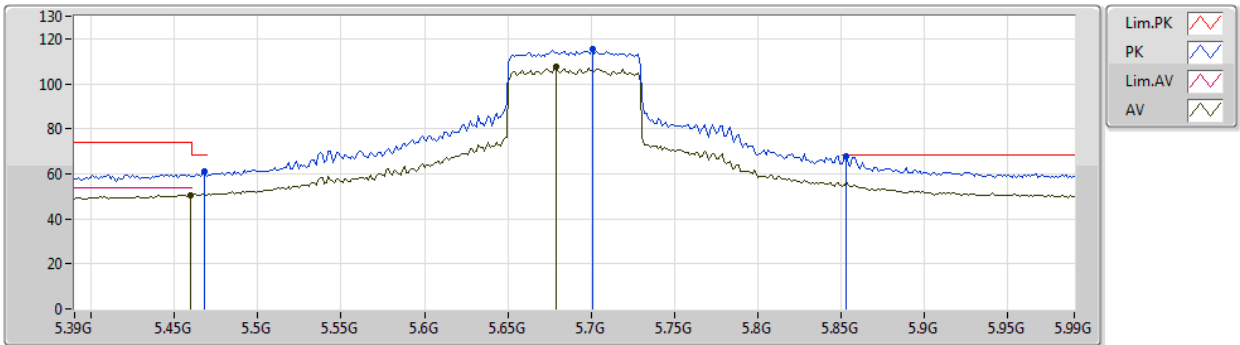
EUT & ANT on Fixture
Setting 80

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	5.4428G	46.42	54.00	-7.58	8.47	3	Vertical	346	1.01	-	37.95	31.67	6.16	29.36
AV	5.6792G	94.26	Inf	-Inf	8.75	3	Vertical	346	1.01	-	85.51	31.78	6.33	29.36
PK	5.4692G	54.86	68.20	-13.34	8.58	3	Vertical	346	1.01	-	46.28	31.78	6.17	29.37
PK	5.7092G	103.36	Inf	-Inf	8.82	3	Vertical	346	1.01	-	94.54	31.82	6.36	29.36
PK	5.9504G	57.11	68.20	-11.09	9.45	3	Vertical	346	1.01	-	47.66	32.25	6.55	29.35

802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5690MHz Straddle 5.47-5.725GHz_TX



EUT & ANT on Fixture
Setting 80

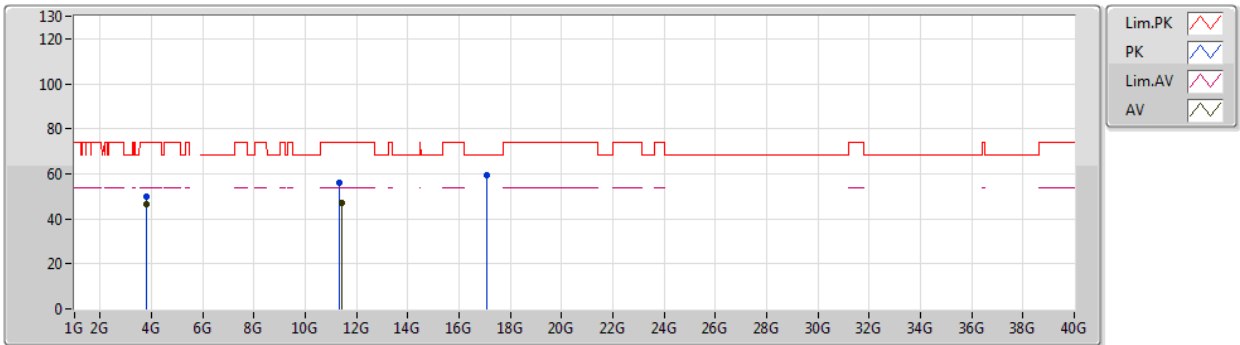
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	50.62	54.00	-3.38	8.54	3	Horizontal	7	1.69	-	42.08	31.74	6.17	29.37
AV	5.6792G	107.41	Inf	-Inf	8.75	3	Horizontal	7	1.69	-	98.66	31.78	6.33	29.36
PK	5.468G	61.27	68.20	-6.93	8.57	3	Horizontal	7	1.69	-	52.70	31.77	6.17	29.37
PK	5.7008G	115.20	Inf	-Inf	8.79	3	Horizontal	7	1.69	-	106.41	31.80	6.35	29.36
PK	5.8532G	67.88	68.20	-0.32	9.22	3	Horizontal	7	1.69	-	58.66	32.11	6.47	29.36



802.11ax HEW80_Nss2,(MCS0)_2TX

24/10/2019

5690MHz Straddle 5.47-5.725GHz_TX

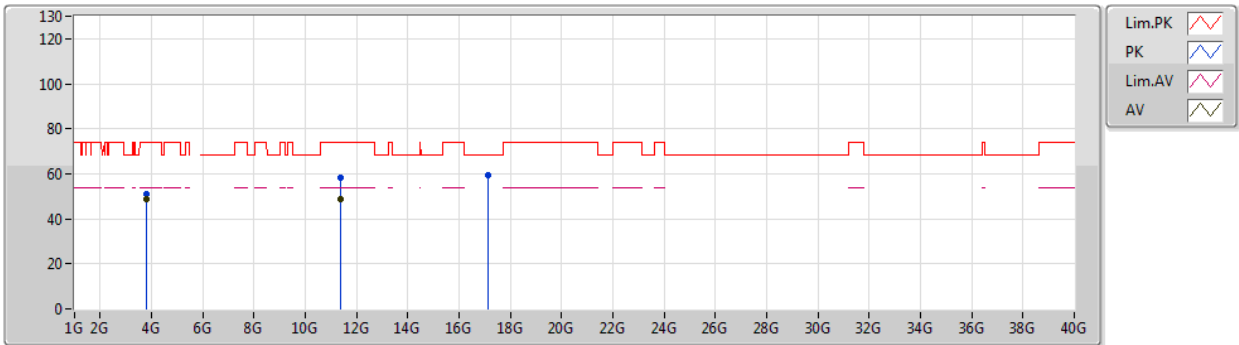


EUT & ANT on Fixture
Setting 80

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	3.79332G	46.40	54.00	-7.60	4.74	3	Vertical	360	1.85	-	41.66	29.29	5.12	29.67
AV	11.4128G	46.81	54.00	-7.19	18.19	3	Vertical	0	1.38	-	28.62	39.58	9.41	30.80
PK	3.79334G	49.75	74.00	-24.25	4.74	3	Vertical	360	1.85	-	45.01	29.29	5.12	29.67
PK	11.34G	56.03	74.00	-17.97	18.23	3	Vertical	0	1.38	-	37.80	39.69	9.36	30.82
PK	17.05782G	59.56	68.20	-8.64	20.16	3	Vertical	141	1.50	-	39.40	40.48	11.34	31.66

802.11ax HEW80_Nss2,(MCS0)_2TX
5690MHz Straddle 5.47-5.725GHz_TX

24/10/2019



EUT & ANT on Fixture
Setting 80

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	3.7933G	48.72	54.00	-5.28	4.74	3	Horizontal	36	1.39	-	43.98	29.29	5.12	29.67
AV	11.3902G	48.51	54.00	-5.49	18.21	3	Horizontal	293	1.41	-	30.30	39.61	9.40	30.80
PK	3.79333G	51.16	74.00	-22.84	4.74	3	Horizontal	36	1.39	-	46.42	29.29	5.12	29.67
PK	11.3926G	58.22	74.00	-15.78	18.21	3	Horizontal	293	1.41	-	40.01	39.61	9.40	30.80
PK	17.1186G	59.60	68.20	-8.60	20.61	3	Horizontal	69	2.70	-	38.99	40.88	11.36	31.63



RSE TX above 1GHz
Beamforming_Sample 1_Radio 2_4T1S

Appendix D.19

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	15.78136G	53.90	54.00	-0.10	3	Horizontal	61	1.47	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.3532G	73.62	74.00	-0.38	3	Vertical	348	2.79	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.354G	53.13	54.00	-0.87	3	Horizontal	68	1.50	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1324G	53.66	54.00	-0.34	3	Vertical	15	2.68	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	16.7433G	68.09	68.20	-0.11	3	Horizontal	40	1.59	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.8624G	68.01	68.20	-0.19	3	Horizontal	299	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.726G	67.76	68.20	-0.44	3	Horizontal	276	1.50	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	PK	5.4668G	68.00	68.20	-0.20	3	Vertical	343	3.00	-

Remark :

Page No. : D1 of D84

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 2 4T1S

Appendix D.19

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	5.1274G	48.91	54.00	-5.09	3	Vertical	54	1.93	-
5260MHz	Pass	AV	5.269G	111.37	Inf	-Inf	3	Vertical	54	1.93	-
5260MHz	Pass	AV	5.35G	49.33	54.00	-4.67	3	Vertical	54	1.93	-
5260MHz	Pass	PK	5.1418G	60.74	74.00	-13.26	3	Vertical	54	1.93	-
5260MHz	Pass	PK	5.2684G	121.95	Inf	-Inf	3	Vertical	54	1.93	-
5260MHz	Pass	PK	5.35G	61.33	74.00	-12.67	3	Vertical	54	1.93	-
5260MHz	Pass	AV	5.15G	48.88	54.00	-5.12	3	Horizontal	72	1.35	-
5260MHz	Pass	AV	5.2636G	111.62	Inf	-Inf	3	Horizontal	72	1.35	-
5260MHz	Pass	AV	5.371G	48.48	54.00	-5.52	3	Horizontal	72	1.35	-
5260MHz	Pass	PK	5.1142G	60.68	74.00	-13.32	3	Horizontal	72	1.35	-
5260MHz	Pass	PK	5.2642G	122.81	Inf	-Inf	3	Horizontal	72	1.35	-
5260MHz	Pass	PK	5.362G	60.91	74.00	-13.09	3	Horizontal	72	1.35	-
5260MHz	Pass	AV	15.7722G	53.20	54.00	-0.80	3	Vertical	0	1.51	-
5260MHz	Pass	PK	10.52396G	60.17	68.20	-8.03	3	Vertical	358	1.16	-
5260MHz	Pass	PK	15.7754G	66.69	74.00	-7.31	3	Vertical	0	1.51	-
5260MHz	Pass	AV	15.78136G	53.90	54.00	-0.10	3	Horizontal	61	1.47	-
5260MHz	Pass	PK	10.52183G	60.85	68.20	-7.35	3	Horizontal	3	1.46	-
5260MHz	Pass	PK	15.77766G	67.26	74.00	-6.74	3	Horizontal	61	1.47	-
5300MHz	Pass	AV	5.3012G	109.65	Inf	-Inf	3	Vertical	5	1.01	-
5300MHz	Pass	AV	5.352G	50.36	54.00	-3.64	3	Vertical	5	1.01	-
5300MHz	Pass	PK	5.3024G	121.12	Inf	-Inf	3	Vertical	5	1.01	-
5300MHz	Pass	PK	5.3536G	63.79	74.00	-10.21	3	Vertical	5	1.01	-
5300MHz	Pass	AV	5.2988G	109.53	Inf	-Inf	3	Horizontal	328	1.50	-
5300MHz	Pass	AV	5.3508G	49.75	54.00	-4.25	3	Horizontal	328	1.50	-
5300MHz	Pass	PK	5.2916G	121.66	Inf	-Inf	3	Horizontal	328	1.50	-
5300MHz	Pass	PK	5.3508G	63.11	74.00	-10.89	3	Horizontal	328	1.50	-
5300MHz	Pass	AV	15.8967G	52.99	54.00	-1.01	3	Vertical	326	1.44	-
5300MHz	Pass	PK	10.60678G	60.13	74.00	-13.87	3	Vertical	349	1.00	-
5300MHz	Pass	PK	15.89076G	66.84	74.00	-7.16	3	Vertical	326	1.44	-
5300MHz	Pass	AV	15.90984G	53.90	54.00	-0.10	3	Horizontal	67	1.31	-
5300MHz	Pass	PK	10.60912G	60.93	74.00	-13.07	3	Horizontal	0	1.50	-
5300MHz	Pass	PK	15.91074G	67.67	74.00	-6.33	3	Horizontal	67	1.31	-
5320MHz	Pass	AV	5.3214G	105.43	Inf	-Inf	3	Vertical	26	1.00	-
5320MHz	Pass	AV	5.3506G	51.97	54.00	-2.03	3	Vertical	26	1.00	-
5320MHz	Pass	PK	5.322G	117.96	Inf	-Inf	3	Vertical	26	1.00	-
5320MHz	Pass	PK	5.35G	69.81	74.00	-4.19	3	Vertical	26	1.00	-
5320MHz	Pass	AV	5.3278G	106.87	Inf	-Inf	3	Horizontal	288	1.50	-
5320MHz	Pass	AV	5.35G	53.61	54.00	-0.39	3	Horizontal	288	1.50	-
5320MHz	Pass	PK	5.3284G	119.26	Inf	-Inf	3	Horizontal	288	1.50	-
5320MHz	Pass	PK	5.3564G	71.28	74.00	-2.72	3	Horizontal	288	1.50	-
5320MHz	Pass	AV	10.64942G	46.63	54.00	-7.37	3	Vertical	91	1.83	-
5320MHz	Pass	AV	15.96816G	48.13	54.00	-5.87	3	Vertical	355	2.77	-
5320MHz	Pass	PK	10.6535G	59.23	74.00	-14.77	3	Vertical	91	1.83	-
5320MHz	Pass	PK	15.96336G	60.74	74.00	-13.26	3	Vertical	355	2.77	-
5320MHz	Pass	AV	10.63804G	47.38	54.00	-6.62	3	Horizontal	305	1.50	-
5320MHz	Pass	AV	15.95962G	48.85	54.00	-5.15	3	Horizontal	34	1.22	-
5320MHz	Pass	PK	10.63798G	60.43	74.00	-13.57	3	Horizontal	305	1.50	-

Remark :

Page No. : D2 of D84

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 2 4T1S

Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	15.96074G	61.25	74.00	-12.75	3	Horizontal	34	1.22	-
5500MHz	Pass	AV	5.4578G	48.42	54.00	-5.58	3	Vertical	345	2.97	-
5500MHz	Pass	AV	5.5084G	104.24	Inf	-Inf	3	Vertical	345	2.97	-
5500MHz	Pass	PK	5.4688G	67.72	68.20	-0.48	3	Vertical	345	2.97	-
5500MHz	Pass	PK	5.5084G	117.09	Inf	-Inf	3	Vertical	345	2.97	-
5500MHz	Pass	AV	5.4588G	48.18	54.00	-5.82	3	Horizontal	303	1.50	-
5500MHz	Pass	AV	5.5072G	107.00	Inf	-Inf	3	Horizontal	303	1.50	-
5500MHz	Pass	PK	5.469G	66.09	68.20	-2.11	3	Horizontal	303	1.50	-
5500MHz	Pass	PK	5.5084G	119.73	Inf	-Inf	3	Horizontal	303	1.50	-
5500MHz	Pass	AV	11.00564G	47.87	54.00	-6.13	3	Vertical	6	1.39	-
5500MHz	Pass	PK	10.99376G	60.71	74.00	-13.29	3	Vertical	6	1.39	-
5500MHz	Pass	PK	16.50312G	62.59	68.20	-5.61	3	Vertical	224	2.21	-
5500MHz	Pass	AV	10.9943G	47.93	54.00	-6.07	3	Horizontal	305	1.99	-
5500MHz	Pass	PK	11.00486G	61.72	74.00	-12.28	3	Horizontal	305	1.99	-
5500MHz	Pass	PK	16.51482G	63.17	68.20	-5.03	3	Horizontal	84	1.18	-
5580MHz	Pass	AV	5.448G	48.01	54.00	-5.99	3	Vertical	9	2.95	-
5580MHz	Pass	AV	5.5884G	109.10	Inf	-Inf	3	Vertical	9	2.95	-
5580MHz	Pass	PK	5.4636G	59.71	68.20	-8.49	3	Vertical	9	2.95	-
5580MHz	Pass	PK	5.5884G	121.08	Inf	-Inf	3	Vertical	9	2.95	-
5580MHz	Pass	PK	5.7288G	61.01	68.20	-7.19	3	Vertical	9	2.95	-
5580MHz	Pass	AV	5.4576G	48.17	54.00	-5.83	3	Horizontal	284	1.50	-
5580MHz	Pass	AV	5.5716G	111.16	Inf	-Inf	3	Horizontal	284	1.50	-
5580MHz	Pass	PK	5.4654G	61.07	68.20	-7.13	3	Horizontal	284	1.50	-
5580MHz	Pass	PK	5.5722G	123.43	Inf	-Inf	3	Horizontal	284	1.50	-
5580MHz	Pass	PK	5.7288G	61.03	68.20	-7.17	3	Horizontal	284	1.50	-
5580MHz	Pass	AV	11.16414G	47.72	54.00	-6.28	3	Vertical	56	1.95	-
5580MHz	Pass	PK	11.169G	60.53	74.00	-13.47	3	Vertical	56	1.95	-
5580MHz	Pass	PK	16.73496G	64.49	68.20	-3.71	3	Vertical	46	1.32	-
5580MHz	Pass	AV	11.14956G	47.75	54.00	-6.25	3	Horizontal	318	1.50	-
5580MHz	Pass	PK	11.14542G	60.49	74.00	-13.51	3	Horizontal	318	1.50	-
5580MHz	Pass	PK	16.7433G	68.09	68.20	-0.11	3	Horizontal	40	1.59	-
5700MHz	Pass	AV	5.7064G	103.23	Inf	-Inf	3	Vertical	13	2.93	-
5700MHz	Pass	PK	5.7084G	115.76	Inf	-Inf	3	Vertical	13	2.93	-
5700MHz	Pass	PK	5.7256G	64.61	68.20	-3.59	3	Vertical	13	2.93	-
5700MHz	Pass	AV	5.7072G	107.28	Inf	-Inf	3	Horizontal	296	1.50	-
5700MHz	Pass	PK	5.7084G	120.07	Inf	-Inf	3	Horizontal	296	1.50	-
5700MHz	Pass	PK	5.7252G	67.56	68.20	-0.64	3	Horizontal	296	1.50	-
5700MHz	Pass	AV	11.39916G	47.25	54.00	-6.75	3	Vertical	317	2.10	-
5700MHz	Pass	PK	11.41266G	60.36	74.00	-13.64	3	Vertical	317	2.10	-
5700MHz	Pass	PK	17.0985G	64.33	68.20	-3.87	3	Vertical	302	2.32	-
5700MHz	Pass	AV	11.40906G	47.37	54.00	-6.63	3	Horizontal	112	1.77	-
5700MHz	Pass	PK	11.40144G	60.24	74.00	-13.76	3	Horizontal	112	1.77	-
5700MHz	Pass	PK	17.0982G	64.62	68.20	-3.58	3	Horizontal	71	2.96	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	47.94	54.00	-6.06	3	Vertical	343	2.57	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	110.86	Inf	-Inf	3	Vertical	343	2.57	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.46G	59.92	68.20	-8.28	3	Vertical	343	2.57	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7116G	123.80	Inf	-Inf	3	Vertical	343	2.57	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.882G	61.93	68.20	-6.27	3	Vertical	343	2.57	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	48.18	54.00	-5.82	3	Horizontal	293	1.50	-

Remark :

Page No. : D3 of D84

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 2 4T1S

Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	114.17	Inf	-Inf	3	Horizontal	293	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	60.17	68.20	-8.03	3	Horizontal	293	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7116G	126.48	Inf	-Inf	3	Horizontal	293	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8892G	62.24	68.20	-5.96	3	Horizontal	293	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.45158G	47.41	54.00	-6.59	3	Vertical	30	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44804G	60.21	74.00	-13.79	3	Vertical	30	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15706G	65.49	68.20	-2.71	3	Vertical	302	1.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	48.09	54.00	-5.91	3	Horizontal	42	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44558G	60.68	74.00	-13.32	3	Horizontal	42	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15628G	67.69	68.20	-0.51	3	Horizontal	45	1.36	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.264G	105.76	Inf	-Inf	3	Vertical	307	1.69	-
5270MHz	Pass	AV	5.3508G	49.27	54.00	-4.73	3	Vertical	307	1.69	-
5270MHz	Pass	PK	5.2664G	117.65	Inf	-Inf	3	Vertical	307	1.69	-
5270MHz	Pass	PK	5.3528G	66.12	74.00	-7.88	3	Vertical	307	1.69	-
5270MHz	Pass	AV	5.2636G	108.03	Inf	-Inf	3	Horizontal	67	1.50	-
5270MHz	Pass	AV	5.3504G	53.20	54.00	-0.80	3	Horizontal	67	1.50	-
5270MHz	Pass	PK	5.2664G	120.41	Inf	-Inf	3	Horizontal	67	1.50	-
5270MHz	Pass	PK	5.35G	69.46	74.00	-4.54	3	Horizontal	67	1.50	-
5270MHz	Pass	AV	15.80472G	52.24	54.00	-1.76	3	Vertical	323	1.40	-
5270MHz	Pass	PK	10.54522G	60.30	68.20	-7.90	3	Vertical	142	1.98	-
5270MHz	Pass	PK	15.81108G	66.18	74.00	-7.82	3	Vertical	323	1.40	-
5270MHz	Pass	AV	15.801G	52.64	54.00	-1.36	3	Horizontal	59	1.00	-
5270MHz	Pass	PK	10.552G	59.66	68.20	-8.54	3	Horizontal	238	2.03	-
5270MHz	Pass	PK	15.79644G	65.93	74.00	-8.07	3	Horizontal	59	1.00	-
5310MHz	Pass	AV	5.3228G	102.66	Inf	-Inf	3	Vertical	348	2.79	-
5310MHz	Pass	AV	5.3528G	50.96	54.00	-3.04	3	Vertical	348	2.79	-
5310MHz	Pass	PK	5.3188G	114.57	Inf	-Inf	3	Vertical	348	2.79	-
5310MHz	Pass	PK	5.3532G	73.62	74.00	-0.38	3	Vertical	348	2.79	-
5310MHz	Pass	AV	5.3228G	103.12	Inf	-Inf	3	Horizontal	61	1.00	-
5310MHz	Pass	AV	5.3536G	49.95	54.00	-4.05	3	Horizontal	61	1.00	-
5310MHz	Pass	PK	5.32G	114.38	Inf	-Inf	3	Horizontal	61	1.00	-
5310MHz	Pass	PK	5.3512G	70.93	74.00	-3.07	3	Horizontal	61	1.00	-
5310MHz	Pass	AV	10.6299G	46.72	54.00	-7.28	3	Vertical	35	2.88	-
5310MHz	Pass	AV	15.91902G	48.20	54.00	-5.80	3	Vertical	144	1.50	-
5310MHz	Pass	PK	10.62492G	59.22	74.00	-14.78	3	Vertical	35	2.88	-
5310MHz	Pass	PK	15.94374G	61.28	74.00	-12.72	3	Vertical	144	1.50	-
5310MHz	Pass	AV	10.6224G	46.98	54.00	-7.02	3	Horizontal	146	1.50	-
5310MHz	Pass	AV	15.92538G	48.27	54.00	-5.73	3	Horizontal	296	2.70	-
5310MHz	Pass	PK	10.60728G	59.34	74.00	-14.66	3	Horizontal	146	1.50	-
5310MHz	Pass	PK	15.92334G	61.10	74.00	-12.90	3	Horizontal	296	2.70	-
5510MHz	Pass	AV	5.4588G	48.77	54.00	-5.23	3	Vertical	343	2.89	-
5510MHz	Pass	AV	5.5252G	99.71	Inf	-Inf	3	Vertical	343	2.89	-
5510MHz	Pass	PK	5.4692G	66.94	68.20	-1.26	3	Vertical	343	2.89	-
5510MHz	Pass	PK	5.516G	111.61	Inf	-Inf	3	Vertical	343	2.89	-
5510MHz	Pass	AV	5.4592G	48.88	54.00	-5.12	3	Horizontal	300	1.50	-
5510MHz	Pass	AV	5.5112G	102.85	Inf	-Inf	3	Horizontal	300	1.50	-
5510MHz	Pass	PK	5.4696G	67.57	68.20	-0.63	3	Horizontal	300	1.50	-
5510MHz	Pass	PK	5.516G	114.04	Inf	-Inf	3	Horizontal	300	1.50	-

Remark :

Page No. : D4 of D84

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 2 4T1S

Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	AV	11.02732G	47.92	54.00	-6.08	3	Vertical	110	2.26	-
5510MHz	Pass	PK	11.01778G	61.46	74.00	-12.54	3	Vertical	110	2.26	-
5510MHz	Pass	PK	16.52532G	63.37	68.20	-4.83	3	Vertical	357	1.86	-
5510MHz	Pass	AV	11.00884G	47.99	54.00	-6.01	3	Horizontal	120	1.50	-
5510MHz	Pass	PK	11.008G	61.15	74.00	-12.85	3	Horizontal	120	1.50	-
5510MHz	Pass	PK	16.52076G	63.35	68.20	-4.85	3	Horizontal	177	1.00	-
5550MHz	Pass	AV	5.4596G	49.62	54.00	-4.38	3	Vertical	344	2.59	-
5550MHz	Pass	AV	5.5644G	105.28	Inf	-Inf	3	Vertical	344	2.59	-
5550MHz	Pass	PK	5.464G	66.43	68.20	-1.77	3	Vertical	344	2.59	-
5550MHz	Pass	PK	5.5644G	118.42	Inf	-Inf	3	Vertical	344	2.59	-
5550MHz	Pass	AV	5.46G	49.13	54.00	-4.87	3	Horizontal	277	1.50	-
5550MHz	Pass	AV	5.5588G	107.29	Inf	-Inf	3	Horizontal	277	1.50	-
5550MHz	Pass	PK	5.4692G	67.72	68.20	-0.48	3	Horizontal	277	1.50	-
5550MHz	Pass	PK	5.5564G	119.96	Inf	-Inf	3	Horizontal	277	1.50	-
5550MHz	Pass	AV	11.10222G	47.95	54.00	-6.05	3	Vertical	347	1.50	-
5550MHz	Pass	PK	11.09538G	60.96	74.00	-13.04	3	Vertical	347	1.50	-
5550MHz	Pass	PK	16.65186G	63.89	68.20	-4.31	3	Vertical	49	1.65	-
5550MHz	Pass	AV	11.09904G	47.94	54.00	-6.06	3	Horizontal	352	2.16	-
5550MHz	Pass	PK	11.08668G	61.91	74.00	-12.09	3	Horizontal	352	2.16	-
5550MHz	Pass	PK	16.65222G	65.39	68.20	-2.81	3	Horizontal	39	1.55	-
5670MHz	Pass	AV	5.6556G	100.00	Inf	-Inf	3	Vertical	57	2.36	-
5670MHz	Pass	PK	5.6562G	111.85	Inf	-Inf	3	Vertical	57	2.36	-
5670MHz	Pass	PK	5.7276G	63.06	68.20	-5.14	3	Vertical	57	2.36	-
5670MHz	Pass	AV	5.6634G	104.80	Inf	-Inf	3	Horizontal	298	1.50	-
5670MHz	Pass	PK	5.664G	116.42	Inf	-Inf	3	Horizontal	298	1.50	-
5670MHz	Pass	PK	5.7252G	67.35	68.20	-0.85	3	Horizontal	298	1.50	-
5670MHz	Pass	AV	11.35146G	47.32	54.00	-6.68	3	Vertical	128	1.35	-
5670MHz	Pass	PK	11.33982G	60.30	74.00	-13.70	3	Vertical	128	1.35	-
5670MHz	Pass	PK	17.0043G	64.05	68.20	-4.15	3	Vertical	247	1.46	-
5670MHz	Pass	AV	11.32656G	47.14	54.00	-6.86	3	Horizontal	48	1.26	-
5670MHz	Pass	PK	11.3331G	60.28	74.00	-13.72	3	Horizontal	48	1.26	-
5670MHz	Pass	PK	17.00586G	64.16	68.20	-4.04	3	Horizontal	179	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4508G	47.93	54.00	-6.07	3	Vertical	13	2.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	108.10	Inf	-Inf	3	Vertical	13	2.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	60.53	68.20	-7.67	3	Vertical	13	2.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7064G	120.66	Inf	-Inf	3	Vertical	13	2.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8732G	64.15	68.20	-4.05	3	Vertical	13	2.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4544G	48.12	54.00	-5.88	3	Horizontal	299	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7148G	112.65	Inf	-Inf	3	Horizontal	299	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	60.34	68.20	-7.86	3	Horizontal	299	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7196G	123.99	Inf	-Inf	3	Horizontal	299	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8624G	68.01	68.20	-0.19	3	Horizontal	299	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42984G	47.41	54.00	-6.59	3	Vertical	12	1.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41958G	60.33	74.00	-13.67	3	Vertical	12	1.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12796G	64.51	68.20	-3.69	3	Vertical	191	1.35	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43044G	47.40	54.00	-6.60	3	Horizontal	13	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40932G	60.33	74.00	-13.67	3	Horizontal	13	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13G	66.30	68.20	-1.90	3	Horizontal	306	2.00	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-

Remark :

Page No. : D5 of D84

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 2 4T1S

Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.145G	48.95	54.00	-5.05	3	Vertical	351	2.79	-
5290MHz	Pass	AV	5.304G	99.89	Inf	-Inf	3	Vertical	351	2.79	-
5290MHz	Pass	AV	5.351G	51.81	54.00	-2.19	3	Vertical	351	2.79	-
5290MHz	Pass	PK	5.093G	62.33	74.00	-11.67	3	Vertical	351	2.79	-
5290MHz	Pass	PK	5.304G	112.69	Inf	-Inf	3	Vertical	351	2.79	-
5290MHz	Pass	PK	5.35G	69.79	74.00	-4.21	3	Vertical	351	2.79	-
5290MHz	Pass	AV	5.148G	48.52	54.00	-5.48	3	Horizontal	68	1.50	-
5290MHz	Pass	AV	5.319G	99.78	Inf	-Inf	3	Horizontal	68	1.50	-
5290MHz	Pass	AV	5.354G	53.13	54.00	-0.87	3	Horizontal	68	1.50	-
5290MHz	Pass	PK	5.087G	61.82	74.00	-12.18	3	Horizontal	68	1.50	-
5290MHz	Pass	PK	5.269G	111.63	Inf	-Inf	3	Horizontal	68	1.50	-
5290MHz	Pass	PK	5.351G	70.28	74.00	-3.72	3	Horizontal	68	1.50	-
5290MHz	Pass	AV	15.87174G	47.78	54.00	-6.22	3	Vertical	109	1.01	-
5290MHz	Pass	PK	10.56584G	59.29	68.20	-8.91	3	Vertical	188	1.54	-
5290MHz	Pass	PK	15.86544G	62.27	74.00	-11.73	3	Vertical	109	1.01	-
5290MHz	Pass	AV	15.88128G	47.89	54.00	-6.11	3	Horizontal	296	1.95	-
5290MHz	Pass	PK	10.57856G	59.23	68.20	-8.97	3	Horizontal	36	1.49	-
5290MHz	Pass	PK	15.8637G	61.54	74.00	-12.46	3	Horizontal	296	1.95	-
5530MHz	Pass	AV	5.46G	48.24	54.00	-5.76	3	Vertical	343	2.52	-
5530MHz	Pass	AV	5.5012G	97.88	Inf	-Inf	3	Vertical	343	2.52	-
5530MHz	Pass	PK	5.4688G	64.08	68.20	-4.12	3	Vertical	343	2.52	-
5530MHz	Pass	PK	5.5564G	109.46	Inf	-Inf	3	Vertical	343	2.52	-
5530MHz	Pass	PK	5.794G	60.62	68.20	-7.58	3	Vertical	343	2.52	-
5530MHz	Pass	AV	5.46G	49.67	54.00	-4.33	3	Horizontal	281	1.50	-
5530MHz	Pass	AV	5.5528G	99.22	Inf	-Inf	3	Horizontal	281	1.50	-
5530MHz	Pass	PK	5.4676G	67.75	68.20	-0.45	3	Horizontal	281	1.50	-
5530MHz	Pass	PK	5.5264G	112.16	Inf	-Inf	3	Horizontal	281	1.50	-
5530MHz	Pass	PK	5.824G	61.80	68.20	-6.40	3	Horizontal	281	1.50	-
5530MHz	Pass	AV	11.05586G	47.46	54.00	-6.54	3	Vertical	128	1.42	-
5530MHz	Pass	PK	11.06942G	60.82	74.00	-13.18	3	Vertical	128	1.42	-
5530MHz	Pass	PK	16.57638G	62.42	68.20	-5.78	3	Vertical	166	1.38	-
5530MHz	Pass	AV	11.05526G	47.61	54.00	-6.39	3	Horizontal	95	2.41	-
5530MHz	Pass	PK	11.06732G	60.90	74.00	-13.10	3	Horizontal	95	2.41	-
5530MHz	Pass	PK	16.58226G	62.76	68.20	-5.44	3	Horizontal	218	2.23	-
5610MHz	Pass	AV	5.458G	47.67	54.00	-6.33	3	Vertical	359	2.56	-
5610MHz	Pass	AV	5.588G	101.28	Inf	-Inf	3	Vertical	359	2.56	-
5610MHz	Pass	PK	5.469G	59.99	68.20	-8.21	3	Vertical	359	2.56	-
5610MHz	Pass	PK	5.584G	113.07	Inf	-Inf	3	Vertical	359	2.56	-
5610MHz	Pass	PK	5.727G	63.56	68.20	-4.64	3	Vertical	359	2.56	-
5610MHz	Pass	AV	5.46G	49.06	54.00	-4.94	3	Horizontal	276	1.50	-
5610MHz	Pass	AV	5.611G	104.02	Inf	-Inf	3	Horizontal	276	1.50	-
5610MHz	Pass	PK	5.468G	62.84	68.20	-5.36	3	Horizontal	276	1.50	-
5610MHz	Pass	PK	5.608G	116.47	Inf	-Inf	3	Horizontal	276	1.50	-
5610MHz	Pass	PK	5.726G	67.76	68.20	-0.44	3	Horizontal	276	1.50	-
5610MHz	Pass	AV	11.20896G	47.04	54.00	-6.96	3	Vertical	235	2.19	-
5610MHz	Pass	PK	11.22384G	60.18	74.00	-13.82	3	Vertical	235	2.19	-
5610MHz	Pass	PK	16.82694G	63.02	68.20	-5.18	3	Vertical	262	1.10	-
5610MHz	Pass	AV	11.21016G	46.98	54.00	-7.02	3	Horizontal	29	1.97	-
5610MHz	Pass	PK	11.21592G	60.41	74.00	-13.59	3	Horizontal	29	1.97	-

Remark :

Page No. : D6 of D84

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 2 4T1S

Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	16.82406G	63.01	68.20	-5.19	3	Horizontal	348	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4488G	47.57	54.00	-6.43	3	Vertical	60	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.702G	103.22	Inf	-Inf	3	Vertical	60	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	60.01	68.20	-8.19	3	Vertical	60	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7032G	114.76	Inf	-Inf	3	Vertical	60	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	66.30	68.20	-1.90	3	Vertical	60	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	47.84	54.00	-6.16	3	Horizontal	273	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6936G	106.10	Inf	-Inf	3	Horizontal	273	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	60.08	68.20	-8.12	3	Horizontal	273	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6936G	117.79	Inf	-Inf	3	Horizontal	273	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8628G	67.42	68.20	-0.78	3	Horizontal	273	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39248G	46.75	54.00	-7.25	3	Vertical	200	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39008G	60.51	74.00	-13.49	3	Vertical	200	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.058G	64.17	68.20	-4.03	3	Vertical	62	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38648G	46.77	54.00	-7.23	3	Horizontal	71	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39314G	60.01	74.00	-13.99	3	Horizontal	71	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06778G	64.41	68.20	-3.79	3	Horizontal	319	1.47	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz	Pass	AV	5.1324G	53.66	54.00	-0.34	3	Vertical	15	2.68	-
5250MHz	Pass	AV	5.2632G	95.61	Inf	-Inf	3	Vertical	15	2.68	-
5250MHz	Pass	AV	5.3904G	51.41	54.00	-2.59	3	Vertical	15	2.68	-
5250MHz	Pass	PK	5.1408G	73.13	74.00	-0.87	3	Vertical	15	2.68	-
5250MHz	Pass	PK	5.2608G	107.43	Inf	-Inf	3	Vertical	15	2.68	-
5250MHz	Pass	PK	5.388G	70.87	74.00	-3.13	3	Vertical	15	2.68	-
5250MHz	Pass	AV	5.124G	53.45	54.00	-0.55	3	Horizontal	68	1.31	-
5250MHz	Pass	AV	5.2596G	96.34	Inf	-Inf	3	Horizontal	68	1.31	-
5250MHz	Pass	AV	5.3892G	53.01	54.00	-0.99	3	Horizontal	68	1.31	-
5250MHz	Pass	PK	5.1456G	71.83	74.00	-2.17	3	Horizontal	68	1.31	-
5250MHz	Pass	PK	5.2584G	109.02	Inf	-Inf	3	Horizontal	68	1.31	-
5250MHz	Pass	PK	5.352G	70.34	74.00	-3.66	3	Horizontal	68	1.31	-
5250MHz	Pass	AV	15.7531G	48.76	54.00	-5.24	3	Vertical	32	1.50	-
5250MHz	Pass	PK	10.50038G	59.95	68.20	-8.25	3	Vertical	67	1.50	-
5250MHz	Pass	PK	15.75248G	61.07	74.00	-12.93	3	Vertical	32	1.50	-
5250MHz	Pass	AV	15.7535G	48.58	54.00	-5.42	3	Horizontal	301	1.50	-
5250MHz	Pass	PK	10.4989G	59.51	68.20	-8.69	3	Horizontal	103	2.81	-
5250MHz	Pass	PK	15.749G	61.77	74.00	-12.23	3	Horizontal	301	1.50	-
5570MHz	Pass	AV	5.4116G	50.46	54.00	-3.54	3	Vertical	343	3.00	-
5570MHz	Pass	AV	5.5004G	95.48	Inf	-Inf	3	Vertical	343	3.00	-
5570MHz	Pass	PK	5.4668G	68.00	68.20	-0.20	3	Vertical	343	3.00	-
5570MHz	Pass	PK	5.5592G	107.86	Inf	-Inf	3	Vertical	343	3.00	-
5570MHz	Pass	PK	5.732G	66.47	68.20	-1.73	3	Vertical	343	3.00	-
5570MHz	Pass	AV	5.4464G	50.60	54.00	-3.40	3	Horizontal	286	1.50	-
5570MHz	Pass	AV	5.6048G	95.76	Inf	-Inf	3	Horizontal	286	1.50	-
5570MHz	Pass	PK	5.4668G	66.10	68.20	-2.10	3	Horizontal	286	1.50	-
5570MHz	Pass	PK	5.498G	108.45	Inf	-Inf	3	Horizontal	286	1.50	-
5570MHz	Pass	PK	5.7368G	64.41	68.20	-3.79	3	Horizontal	286	1.50	-
5570MHz	Pass	AV	11.13753G	47.87	54.00	-6.13	3	Vertical	194	1.50	-
5570MHz	Pass	PK	11.13818G	61.11	74.00	-12.89	3	Vertical	194	1.50	-
5570MHz	Pass	PK	16.70676G	63.11	68.20	-5.09	3	Vertical	141	1.50	-

Remark :

Page No. : D7 of D84

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 2_4T1S

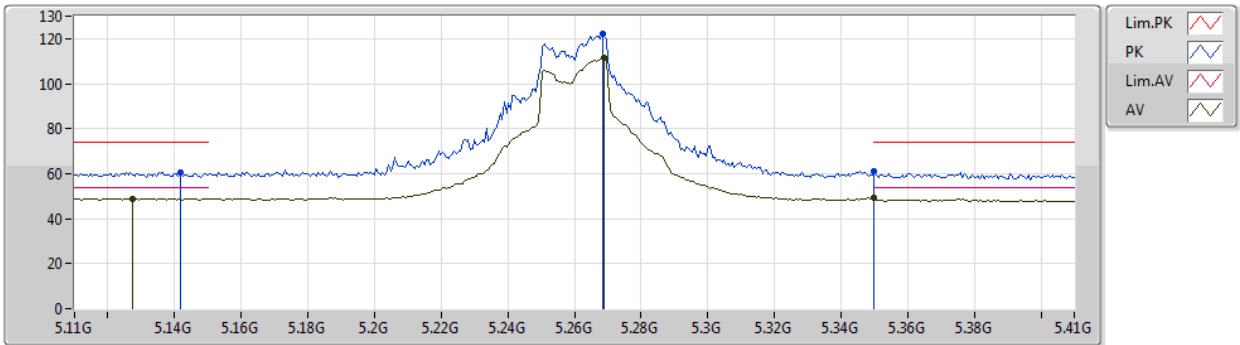
Appendix D.19

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5570MHz	Pass	AV	11.13904G	47.80	54.00	-6.20	3	Horizontal	287	1.50	-
5570MHz	Pass	PK	11.13856G	61.23	74.00	-12.77	3	Horizontal	287	1.50	-
5570MHz	Pass	PK	16.70874G	63.12	68.20	-5.08	3	Horizontal	217	1.32	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5260MHz_TX

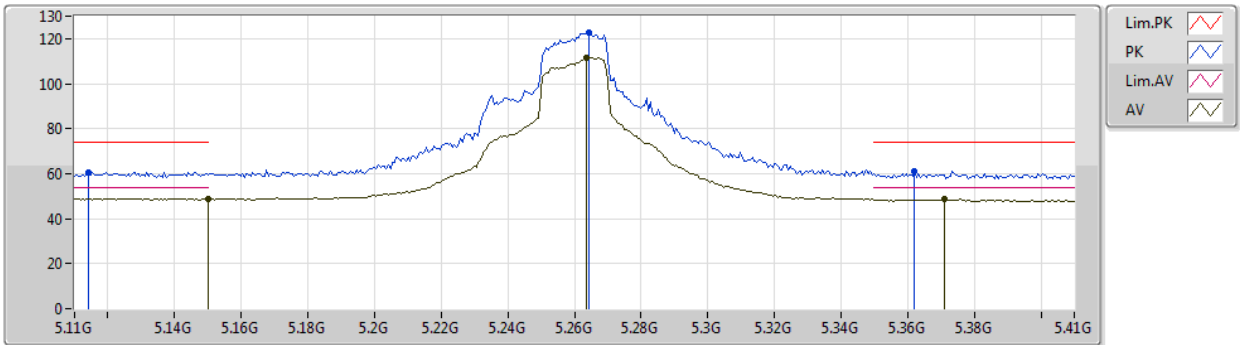


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1274G	48.91	54.00	-5.09	7.92	3	Vertical	54	1.93	-	40.99	31.89	10.08	34.05
AV	5.269G	111.37	Inf	-Inf	7.38	3	Vertical	54	1.93	-	103.99	31.32	10.12	34.06
AV	5.35G	49.33	54.00	-4.67	7.45	3	Vertical	54	1.93	-	41.88	31.35	10.16	34.06
PK	5.1418G	60.74	74.00	-13.26	7.86	3	Vertical	54	1.93	-	52.88	31.83	10.08	34.05
PK	5.2684G	121.95	Inf	-Inf	7.39	3	Vertical	54	1.93	-	114.56	31.33	10.12	34.06
PK	5.35G	61.33	74.00	-12.67	7.45	3	Vertical	54	1.93	-	53.88	31.35	10.16	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5260MHz_TX

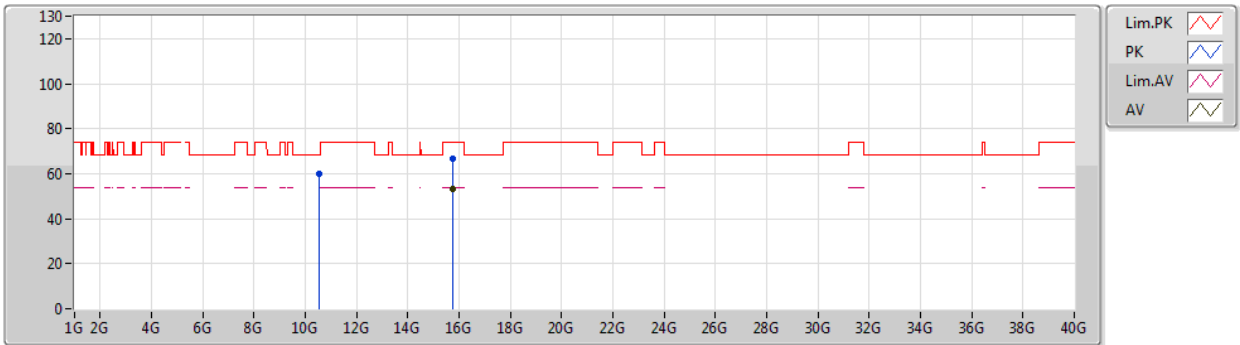


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	48.88	54.00	-5.12	7.83	3	Horizontal	72	1.35	-	41.05	31.80	10.08	34.05
AV	5.2636G	111.62	Inf	-Inf	7.40	3	Horizontal	72	1.35	-	104.22	31.35	10.11	34.06
AV	5.371G	48.48	54.00	-5.52	7.52	3	Horizontal	72	1.35	-	40.96	31.41	10.17	34.06
PK	5.1142G	60.68	74.00	-13.32	7.97	3	Horizontal	72	1.35	-	52.71	31.94	10.08	34.05
PK	5.2642G	122.81	Inf	-Inf	7.39	3	Horizontal	72	1.35	-	115.42	31.34	10.11	34.06
PK	5.362G	60.91	74.00	-13.09	7.50	3	Horizontal	72	1.35	-	53.41	31.39	10.17	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5260MHz_TX

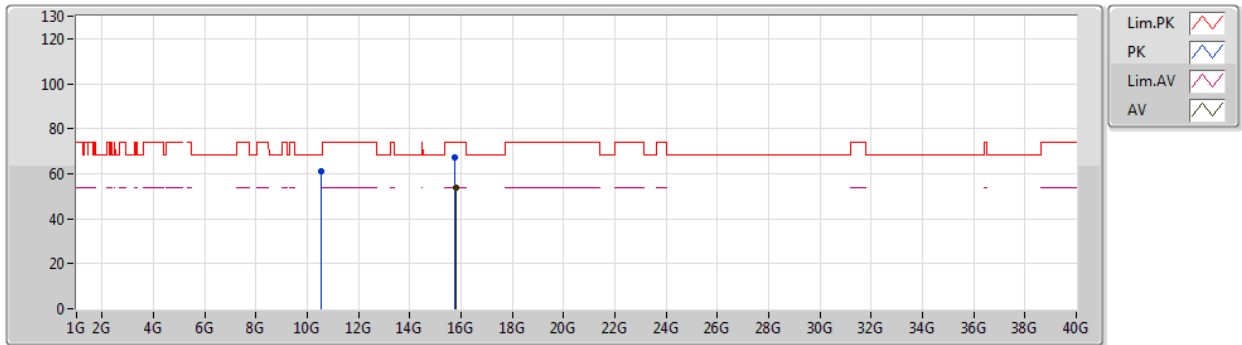


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7722G	53.20	54.00	-0.80	18.84	3	Vertical	0	1.51	-	34.36	38.21	14.88	34.25
PK	10.52396G	60.17	68.20	-8.03	18.14	3	Vertical	358	1.16	-	42.03	39.58	13.01	34.45
PK	15.7754G	66.69	74.00	-7.31	18.83	3	Vertical	0	1.51	-	47.86	38.20	14.88	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5260MHz_TX

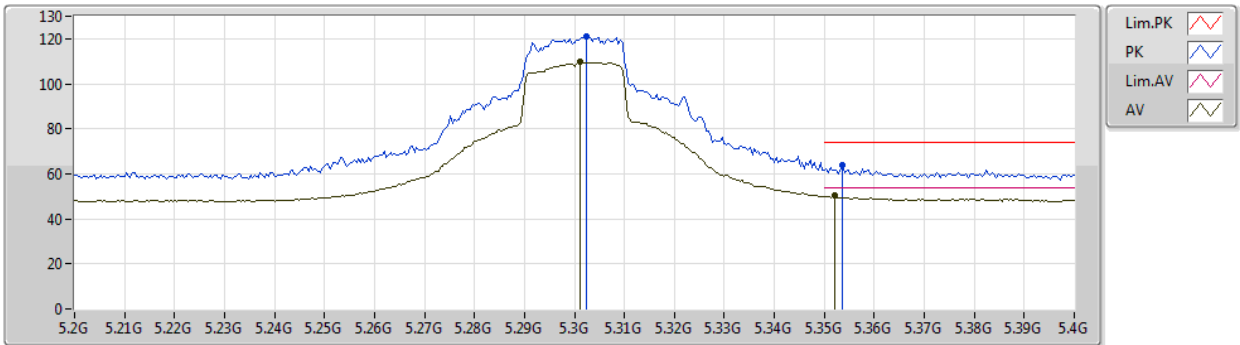


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78136G	53.90	54.00	-0.10	18.80	3	Horizontal	61	1.47	-	35.10	38.18	14.88	34.26
PK	10.52183G	60.85	68.20	-7.35	18.14	3	Horizontal	3	1.46	-	42.71	39.58	13.01	34.45
PK	15.77766G	67.26	74.00	-6.74	18.82	3	Horizontal	61	1.47	-	48.44	38.19	14.88	34.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5300MHz_TX

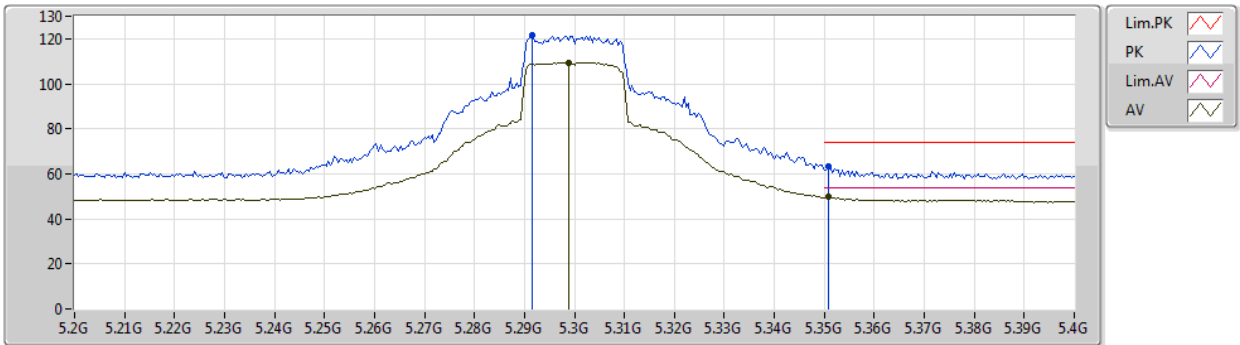


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3012G	109.65	Inf	-Inf	7.27	3	Vertical	5	1.01	-	102.38	31.20	10.13	34.06
AV	5.352G	50.36	54.00	-3.64	7.46	3	Vertical	5	1.01	-	42.90	31.36	10.16	34.06
PK	5.3024G	121.12	Inf	-Inf	7.28	3	Vertical	5	1.01	-	113.84	31.21	10.13	34.06
PK	5.3536G	63.79	74.00	-10.21	7.46	3	Vertical	5	1.01	-	56.33	31.36	10.16	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5300MHz_TX

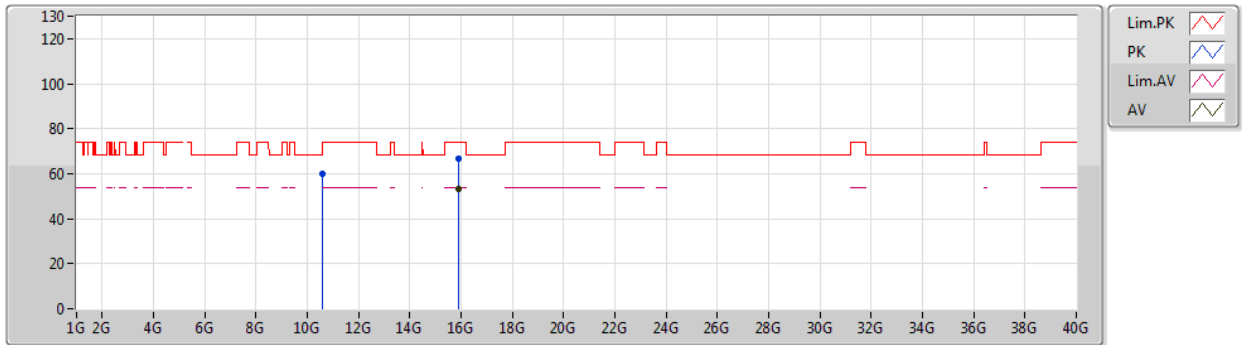


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2988G	109.53	Inf	-Inf	7.27	3	Horizontal	328	1.50	-	102.26	31.20	10.13	34.06
AV	5.3508G	49.75	54.00	-4.25	7.45	3	Horizontal	328	1.50	-	42.30	31.35	10.16	34.06
PK	5.2916G	121.66	Inf	-Inf	7.30	3	Horizontal	328	1.50	-	114.36	31.23	10.13	34.06
PK	5.3508G	63.11	74.00	-10.89	7.45	3	Horizontal	328	1.50	-	55.66	31.35	10.16	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5300MHz_TX

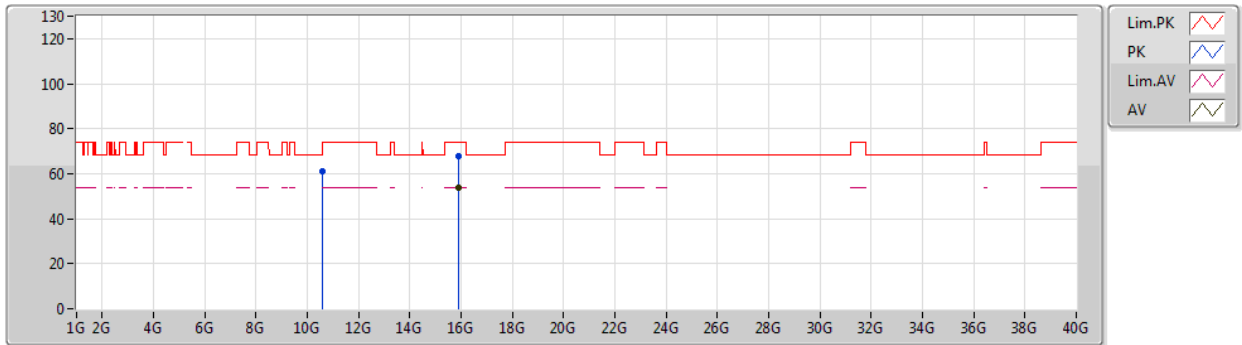


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8967G	52.99	54.00	-1.01	18.41	3	Vertical	326	1.44	-	34.58	37.82	14.96	34.37
PK	10.60678G	60.13	74.00	-13.87	18.34	3	Vertical	349	1.00	-	41.79	39.69	13.05	34.40
PK	15.89076G	66.84	74.00	-7.16	18.42	3	Vertical	326	1.44	-	48.42	37.84	14.95	34.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5300MHz_TX

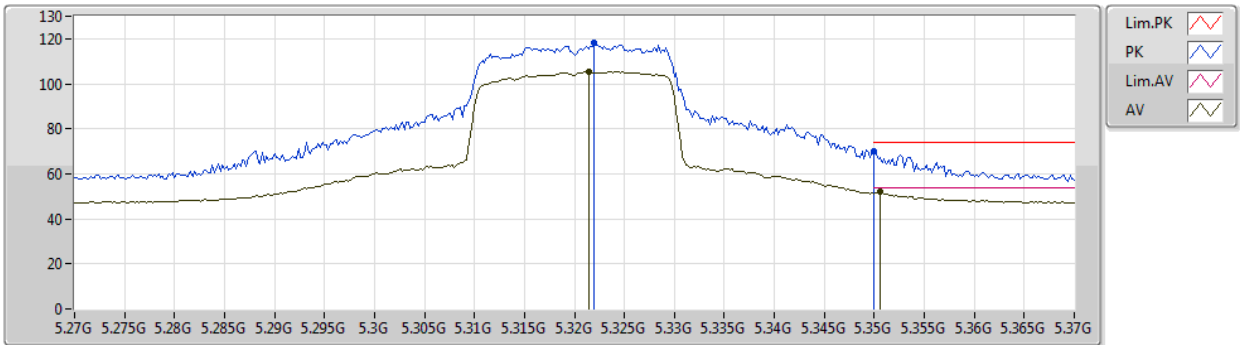


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.90984G	53.90	54.00	-0.10	18.35	3	Horizontal	67	1.31	-	35.55	37.78	14.96	34.39
PK	10.60912G	60.93	74.00	-13.07	18.35	3	Horizontal	0	1.50	-	42.58	39.69	13.05	34.39
PK	15.91074G	67.67	74.00	-6.33	18.35	3	Horizontal	67	1.31	-	49.32	37.78	14.96	34.39

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5320MHz_TX

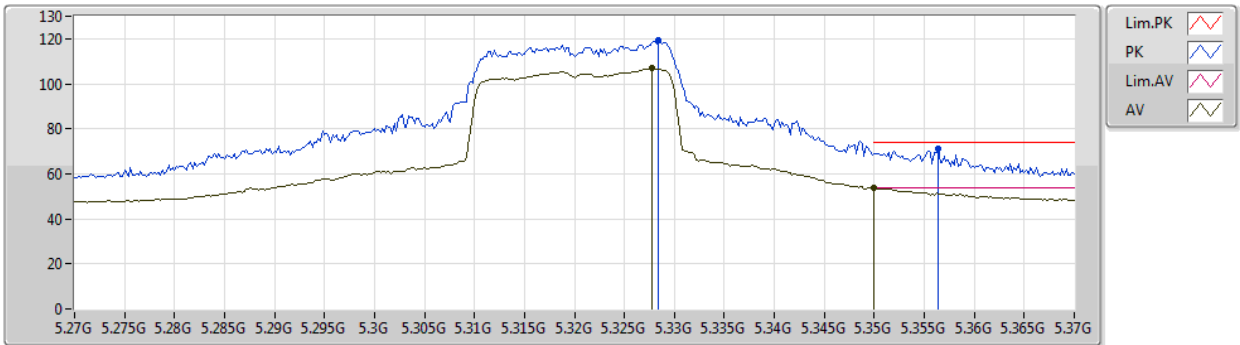


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3214G	105.43	Inf	-Inf	7.34	3	Vertical	26	1.00	-	98.09	31.26	10.14	34.06
AV	5.3506G	51.97	54.00	-2.03	7.45	3	Vertical	26	1.00	-	44.52	31.35	10.16	34.06
PK	5.322G	117.96	Inf	-Inf	7.35	3	Vertical	26	1.00	-	110.61	31.27	10.14	34.06
PK	5.35G	69.81	74.00	-4.19	7.45	3	Vertical	26	1.00	-	62.36	31.35	10.16	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5320MHz_TX

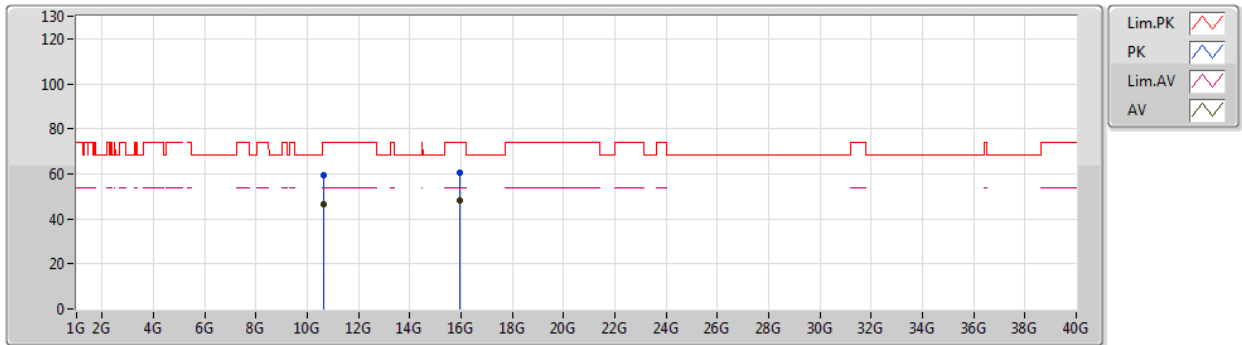


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3278G	106.87	Inf	-Inf	7.37	3	Horizontal	288	1.50	-	99.50	31.28	10.15	34.06
AV	5.35G	53.61	54.00	-0.39	7.45	3	Horizontal	288	1.50	-	46.16	31.35	10.16	34.06
PK	5.3284G	119.26	Inf	-Inf	7.38	3	Horizontal	288	1.50	-	111.88	31.29	10.15	34.06
PK	5.3564G	71.28	74.00	-2.72	7.47	3	Horizontal	288	1.50	-	63.81	31.37	10.16	34.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5320MHz_TX

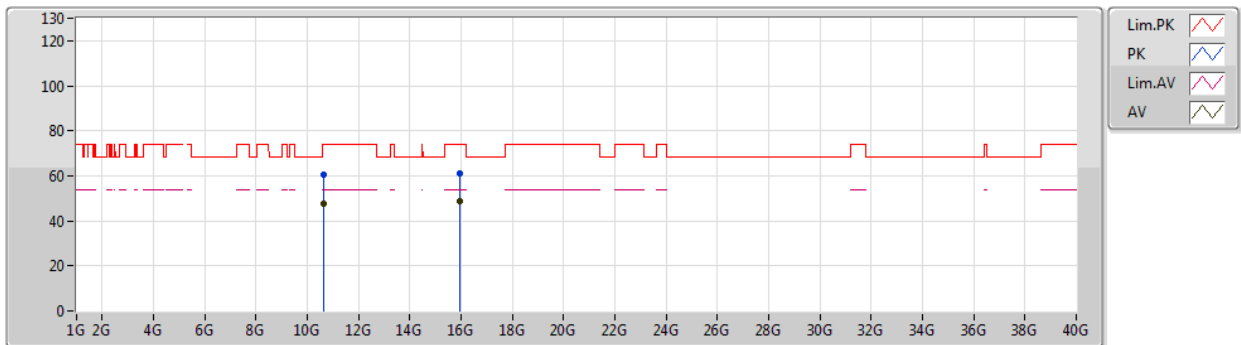


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64942G	46.63	54.00	-7.37	18.44	3	Vertical	91	1.83	-	28.19	39.74	13.07	34.37
AV	15.96816G	48.13	54.00	-5.87	18.15	3	Vertical	355	2.77	-	29.98	37.60	15.00	34.45
PK	10.6535G	59.23	74.00	-14.77	18.45	3	Vertical	91	1.83	-	40.78	39.75	13.07	34.37
PK	15.96336G	60.74	74.00	-13.26	18.17	3	Vertical	355	2.77	-	42.57	37.61	15.00	34.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5320MHz_TX

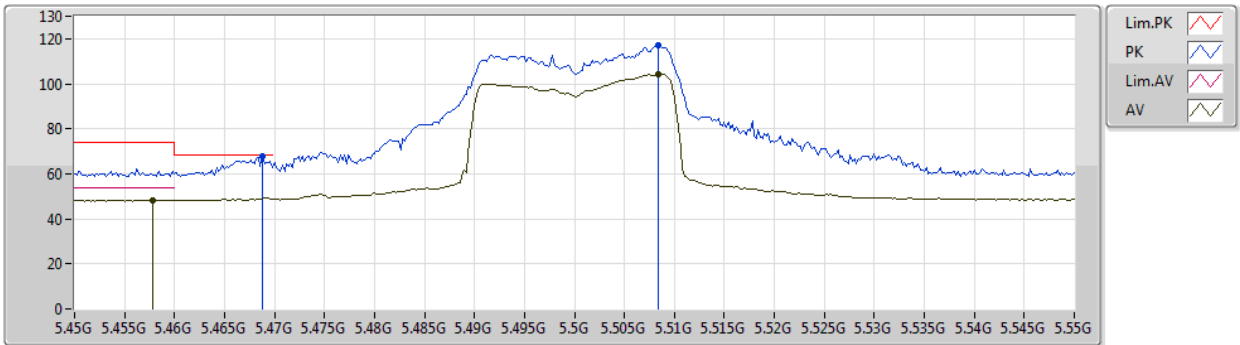


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63804G	47.38	54.00	-6.62	18.42	3	Horizontal	305	1.50	-	28.96	39.73	13.07	34.38
AV	15.95962G	48.85	54.00	-5.15	18.18	3	Horizontal	34	1.22	-	30.67	37.63	14.99	34.44
PK	10.63798G	60.43	74.00	-13.57	18.42	3	Horizontal	305	1.50	-	42.01	39.73	13.07	34.38
PK	15.96074G	61.25	74.00	-12.75	18.18	3	Horizontal	34	1.22	-	43.07	37.62	15.00	34.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5500MHz_TX

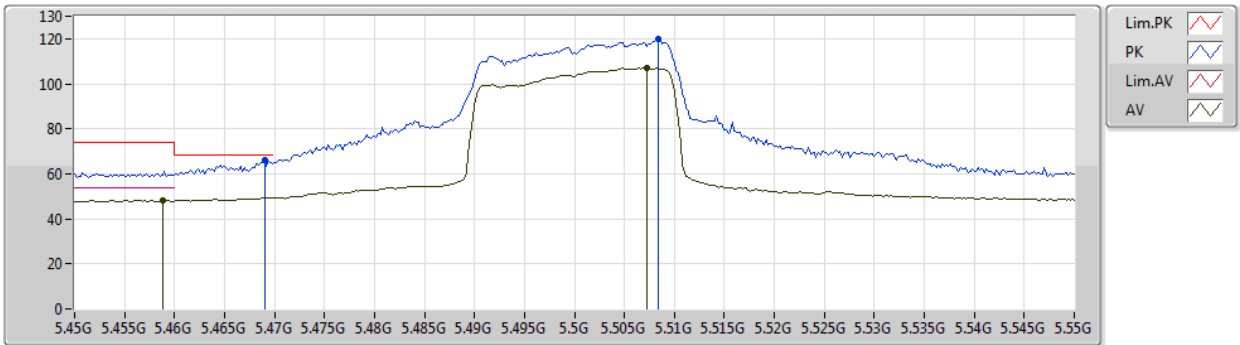


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4578G	48.42	54.00	-5.58	7.80	3	Vertical	345	2.97	-	40.62	31.67	10.20	34.07
AV	5.5084G	104.24	Inf	-Inf	7.93	3	Vertical	345	2.97	-	96.31	31.78	10.22	34.07
PK	5.4688G	67.72	68.20	-0.48	7.85	3	Vertical	345	2.97	-	59.87	31.71	10.21	34.07
PK	5.5084G	117.09	Inf	-Inf	7.93	3	Vertical	345	2.97	-	109.16	31.78	10.22	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5500MHz_TX

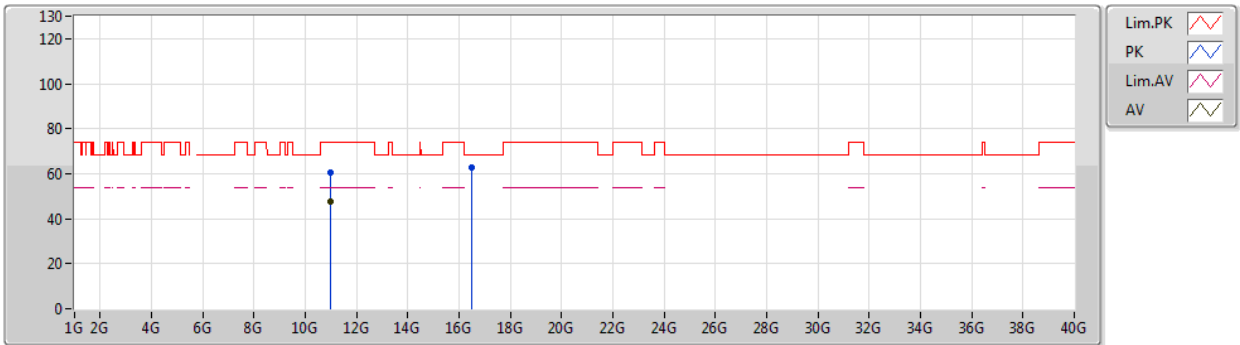


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	48.18	54.00	-5.82	7.81	3	Horizontal	303	1.50	-	40.37	31.68	10.20	34.07
AV	5.5072G	107.00	Inf	-Inf	7.94	3	Horizontal	303	1.50	-	99.06	31.79	10.22	34.07
PK	5.469G	66.09	68.20	-2.11	7.85	3	Horizontal	303	1.50	-	58.24	31.71	10.21	34.07
PK	5.5084G	119.73	Inf	-Inf	7.93	3	Horizontal	303	1.50	-	111.80	31.78	10.22	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5500MHz_TX

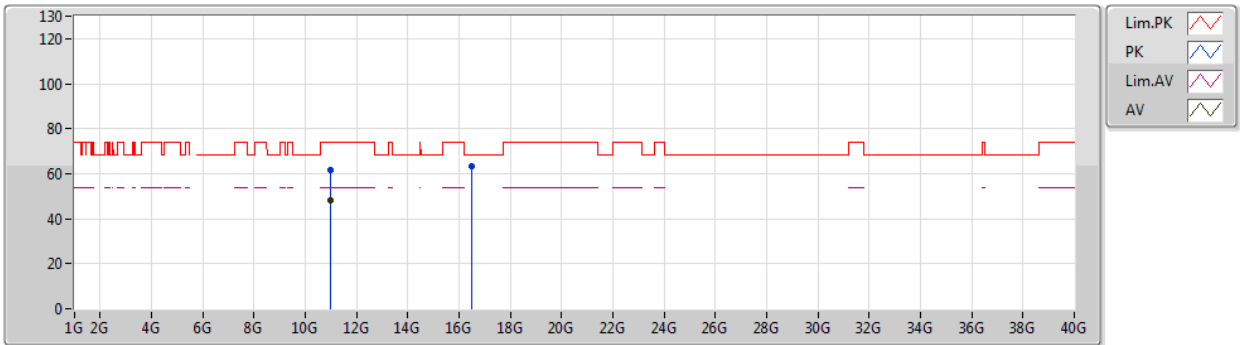


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00564G	47.87	54.00	-6.13	19.28	3	Vertical	6	1.39	-	28.59	40.19	13.25	34.16
PK	10.99376G	60.71	74.00	-13.29	19.27	3	Vertical	6	1.39	-	41.44	40.19	13.24	34.16
PK	16.50312G	62.59	68.20	-5.61	19.64	3	Vertical	224	2.21	-	42.95	38.86	14.73	33.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5500MHz_TX

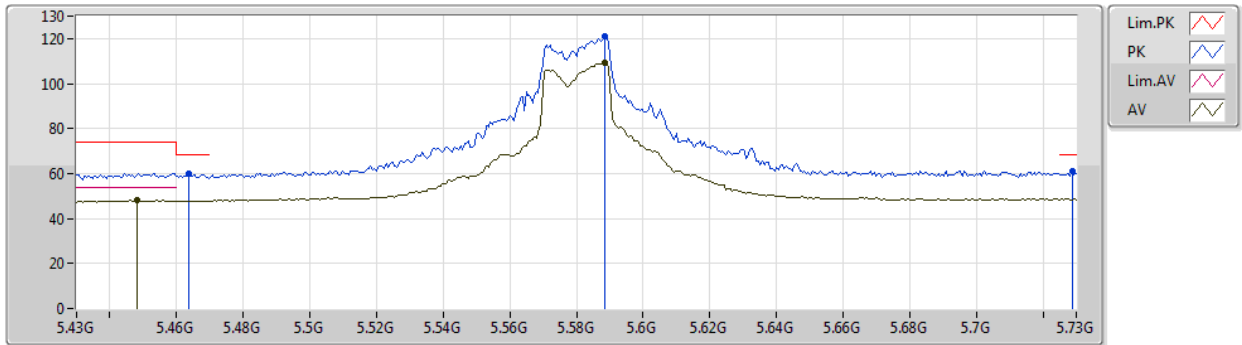


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.9943G	47.93	54.00	-6.07	19.27	3	Horizontal	305	1.99	-	28.66	40.19	13.24	34.16
PK	11.00486G	61.72	74.00	-12.28	19.27	3	Horizontal	305	1.99	-	42.45	40.19	13.24	34.16
PK	16.51482G	63.17	68.20	-5.03	19.68	3	Horizontal	84	1.18	-	43.49	38.89	14.73	33.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5580MHz_TX

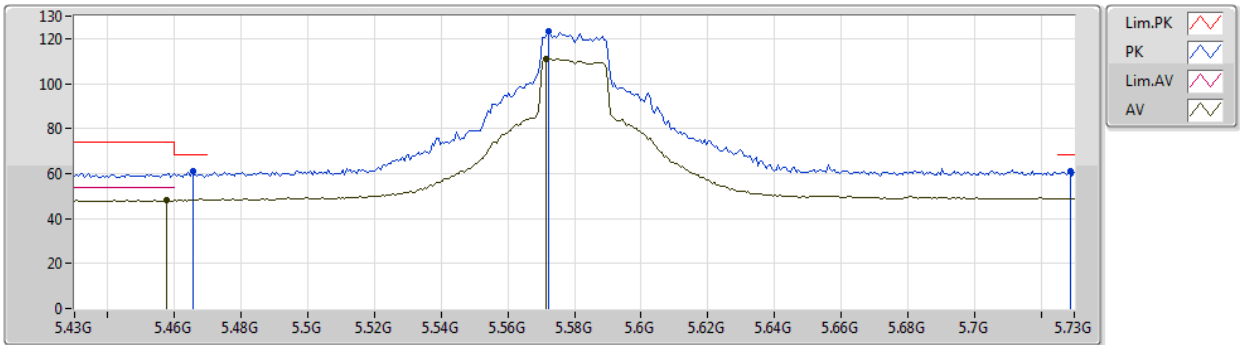


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.448G	48.01	54.00	-5.99	7.78	3	Vertical	9	2.95	-	40.23	31.64	10.20	34.06
AV	5.5884G	109.10	Inf	-Inf	7.79	3	Vertical	9	2.95	-	101.31	31.62	10.24	34.07
PK	5.4636G	59.71	68.20	-8.49	7.82	3	Vertical	9	2.95	-	51.89	31.69	10.20	34.07
PK	5.5884G	121.08	Inf	-Inf	7.79	3	Vertical	9	2.95	-	113.29	31.62	10.24	34.07
PK	5.7288G	61.01	68.20	-7.19	8.22	3	Vertical	9	2.95	-	52.79	31.89	10.40	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5580MHz_TX

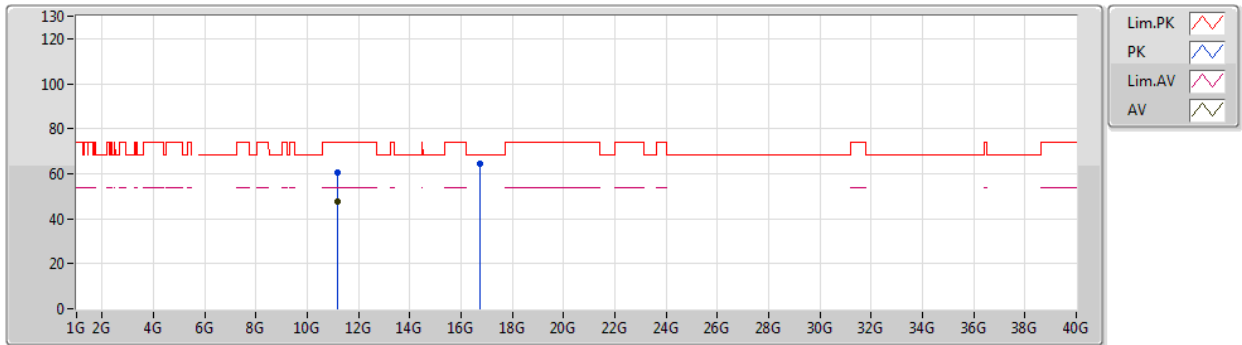


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4576G	48.17	54.00	-5.83	7.80	3	Horizontal	284	1.50	-	40.37	31.67	10.20	34.07
AV	5.5716G	111.16	Inf	-Inf	7.83	3	Horizontal	284	1.50	-	103.33	31.66	10.24	34.07
PK	5.4654G	61.07	68.20	-7.13	7.84	3	Horizontal	284	1.50	-	53.23	31.70	10.21	34.07
PK	5.5722G	123.43	Inf	-Inf	7.83	3	Horizontal	284	1.50	-	115.60	31.66	10.24	34.07
PK	5.7288G	61.03	68.20	-7.17	8.22	3	Horizontal	284	1.50	-	52.81	31.89	10.40	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5580MHz_TX

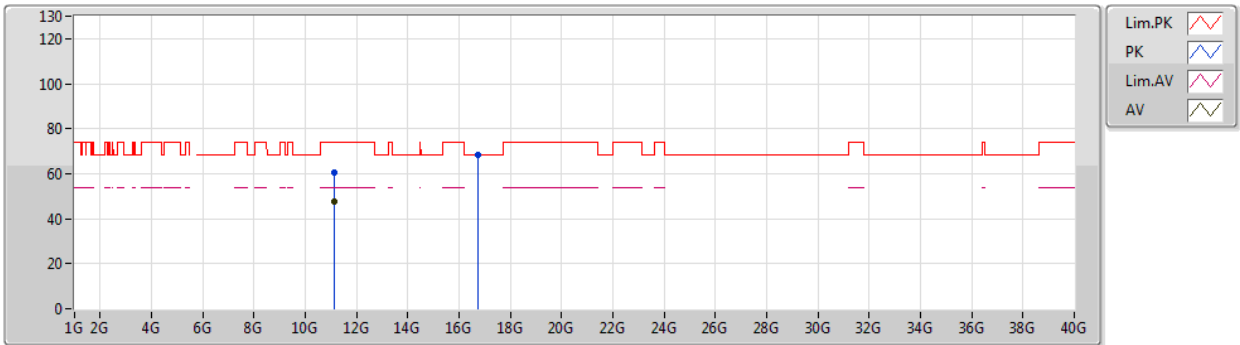


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16414G	47.72	54.00	-6.28	19.14	3	Vertical	56	1.95	-	28.58	39.99	13.32	34.17
PK	11.169G	60.53	74.00	-13.47	19.13	3	Vertical	56	1.95	-	41.40	39.98	13.32	34.17
PK	16.73496G	64.49	68.20	-3.71	20.37	3	Vertical	46	1.32	-	44.12	39.48	14.60	33.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5580MHz_TX

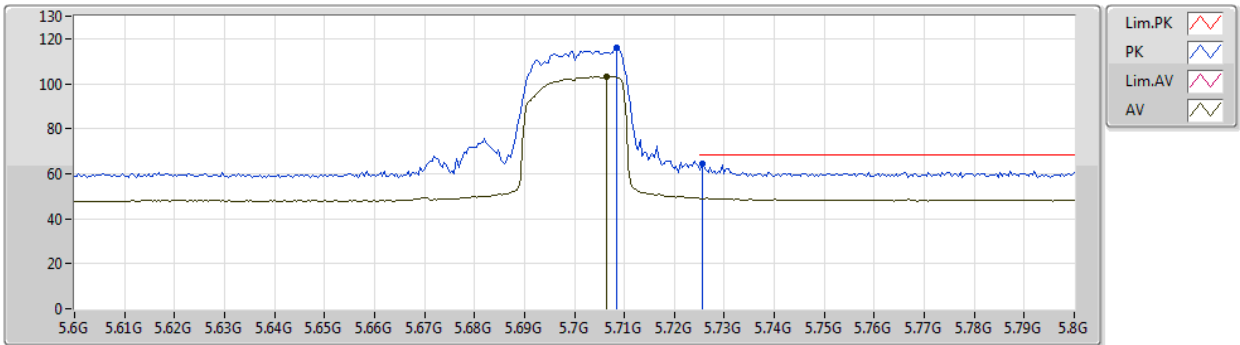


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.14956G	47.75	54.00	-6.25	19.16	3	Horizontal	318	1.50	-	28.59	40.01	13.32	34.17
PK	11.14542G	60.49	74.00	-13.51	19.15	3	Horizontal	318	1.50	-	41.34	40.01	13.31	34.17
PK	16.7433G	68.09	68.20	-0.11	20.41	3	Horizontal	40	1.59	-	47.68	39.51	14.60	33.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5700MHz_TX

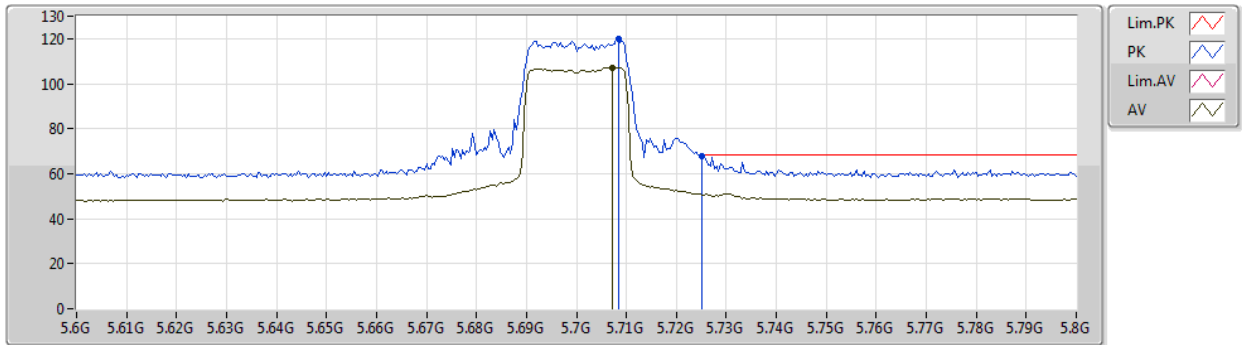


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7064G	103.23	Inf	-Inf	8.12	3	Vertical	13	2.93	-	95.11	31.82	10.37	34.07
PK	5.7084G	115.76	Inf	-Inf	8.14	3	Vertical	13	2.93	-	107.62	31.83	10.38	34.07
PK	5.7256G	64.61	68.20	-3.59	8.21	3	Vertical	13	2.93	-	56.40	31.88	10.40	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5700MHz_TX

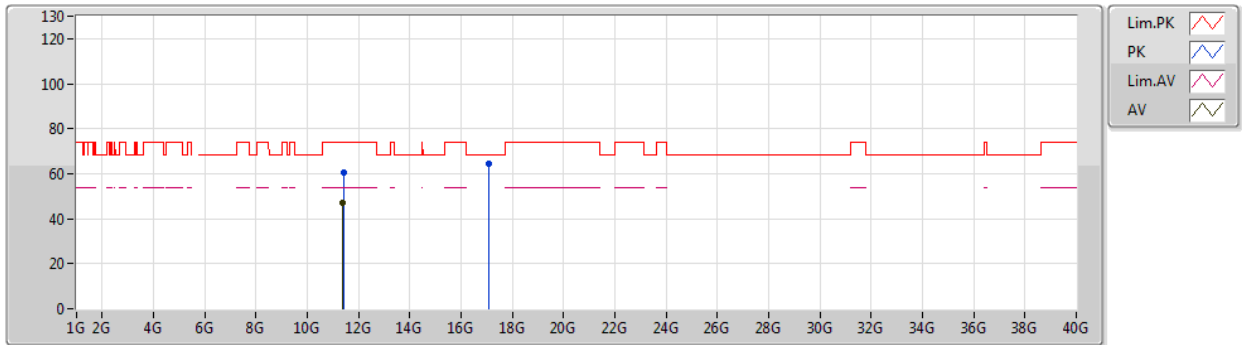


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7072G	107.28	Inf	-Inf	8.12	3	Horizontal	296	1.50	-	99.16	31.82	10.37	34.07
PK	5.7084G	120.07	Inf	-Inf	8.14	3	Horizontal	296	1.50	-	111.93	31.83	10.38	34.07
PK	5.7252G	67.56	68.20	-0.64	8.21	3	Horizontal	296	1.50	-	59.35	31.88	10.40	34.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5700MHz_TX

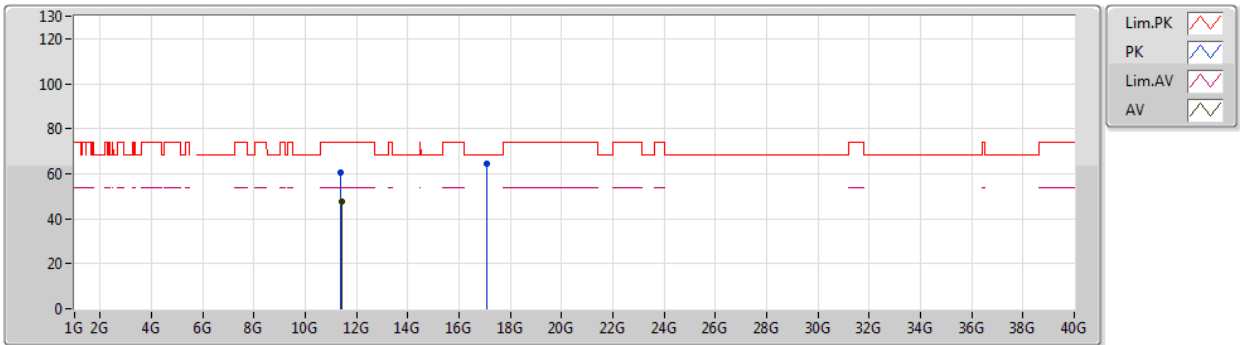


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39916G	47.25	54.00	-6.75	18.94	3	Vertical	317	2.10	-	28.31	39.68	13.44	34.18
PK	11.41266G	60.36	74.00	-13.64	18.92	3	Vertical	317	2.10	-	41.44	39.66	13.44	34.18
PK	17.0985G	64.33	68.20	-3.87	21.95	3	Vertical	302	2.32	-	42.38	40.88	14.52	33.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

21/11/2019

5700MHz_TX

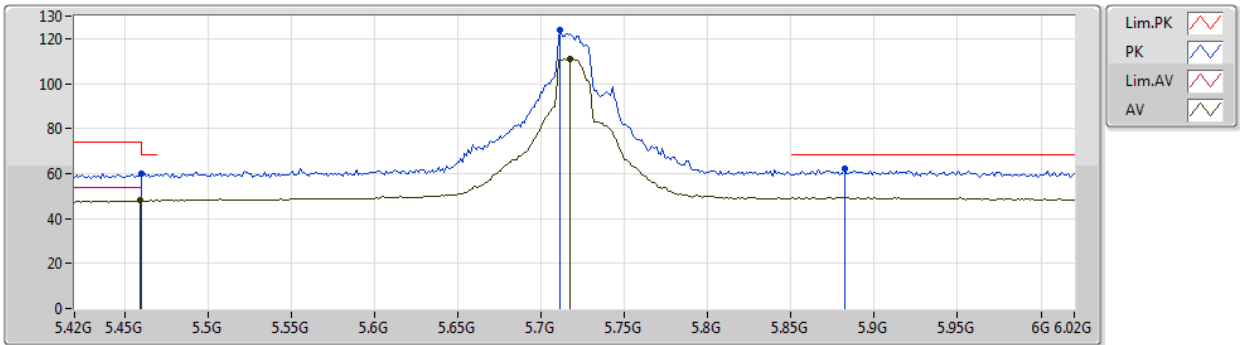


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40906G	47.37	54.00	-6.63	18.93	3	Horizontal	112	1.77	-	28.44	39.67	13.44	34.18
PK	11.40144G	60.24	74.00	-13.76	18.94	3	Horizontal	112	1.77	-	41.30	39.68	13.44	34.18
PK	17.0982G	64.62	68.20	-3.58	21.95	3	Horizontal	71	2.96	-	42.67	40.88	14.52	33.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

22/11/2019

5720MHz Straddle 5.47-5.725GHz_TX

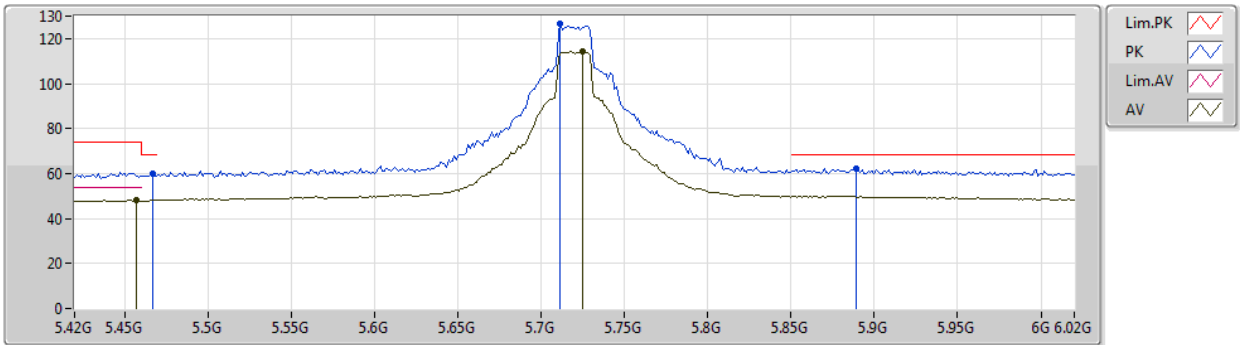


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.94	54.00	-6.06	7.81	3	Vertical	343	2.57	-	40.13	31.68	10.20	34.07
AV	5.7176G	110.86	Inf	-Inf	8.17	3	Vertical	343	2.57	-	102.69	31.85	10.39	34.07
PK	5.46G	59.92	68.20	-8.28	7.81	3	Vertical	343	2.57	-	52.11	31.68	10.20	34.07
PK	5.7116G	123.80	Inf	-Inf	8.14	3	Vertical	343	2.57	-	115.66	31.83	10.38	34.07
PK	5.882G	61.93	68.20	-6.27	8.80	3	Vertical	343	2.57	-	53.13	32.35	10.53	34.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

22/11/2019

5720MHz Straddle 5.47-5.725GHz_TX

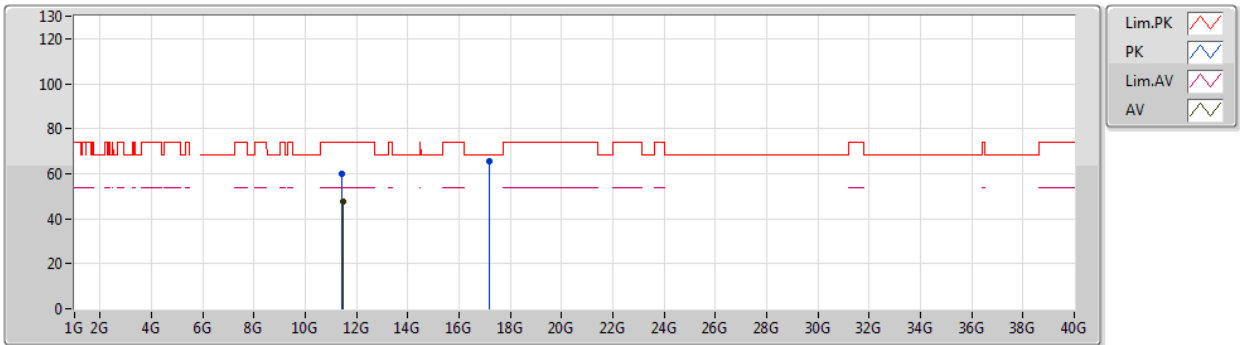


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	48.18	54.00	-5.82	7.80	3	Horizontal	293	1.50	-	40.38	31.67	10.20	34.07
AV	5.7248G	114.17	Inf	-Inf	8.20	3	Horizontal	293	1.50	-	105.97	31.87	10.40	34.07
PK	5.4668G	60.17	68.20	-8.03	7.84	3	Horizontal	293	1.50	-	52.33	31.70	10.21	34.07
PK	5.7116G	126.48	Inf	-Inf	8.14	3	Horizontal	293	1.50	-	118.34	31.83	10.38	34.07
PK	5.8892G	62.24	68.20	-5.96	8.82	3	Horizontal	293	1.50	-	53.42	32.37	10.53	34.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

22/11/2019

5720MHz Straddle 5.47-5.725GHz_TX



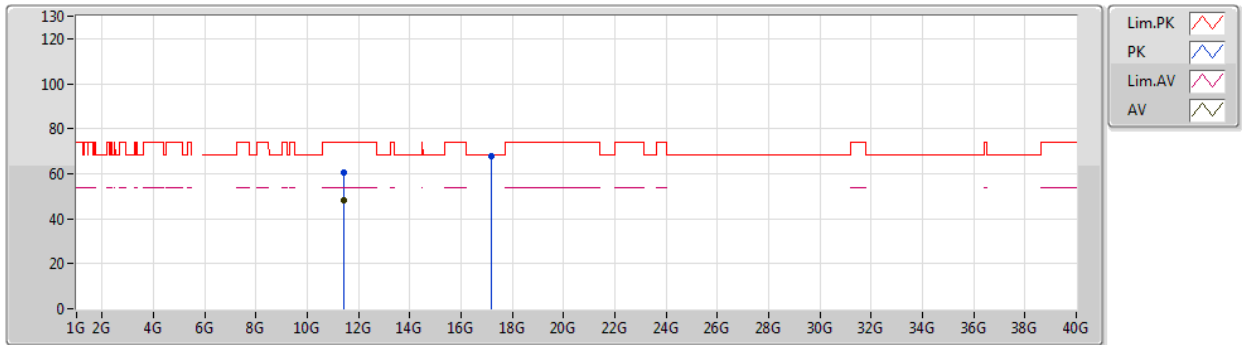
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AV	11.45158G	47.41	54.00	-6.59	18.88	3	Vertical	30	1.48	-	28.53	39.61	13.46	34.19
PK	11.44804G	60.21	74.00	-13.79	18.89	3	Vertical	30	1.48	-	41.32	39.62	13.46	34.19
PK	17.15706G	65.49	68.20	-2.71	22.38	3	Vertical	302	1.59	-	43.11	41.28	14.56	33.46



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

22/11/2019

5720MHz Straddle 5.47-5.725GHz_TX

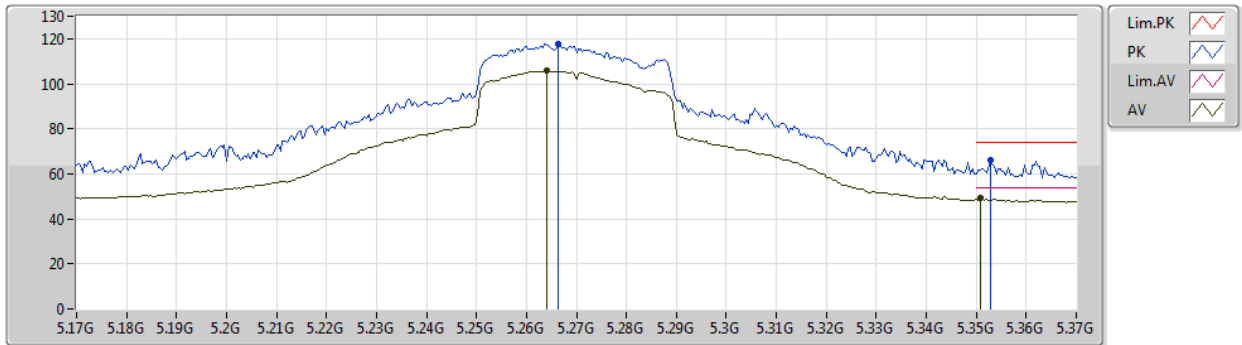


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44G	48.09	54.00	-5.91	18.90	3	Horizontal	42	1.66	-	29.19	39.63	13.46	34.19
PK	11.44558G	60.68	74.00	-13.32	18.89	3	Horizontal	42	1.66	-	41.79	39.62	13.46	34.19
PK	17.15628G	67.69	68.20	-0.51	22.38	3	Horizontal	45	1.36	-	45.31	41.28	14.56	33.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5270MHz_TX

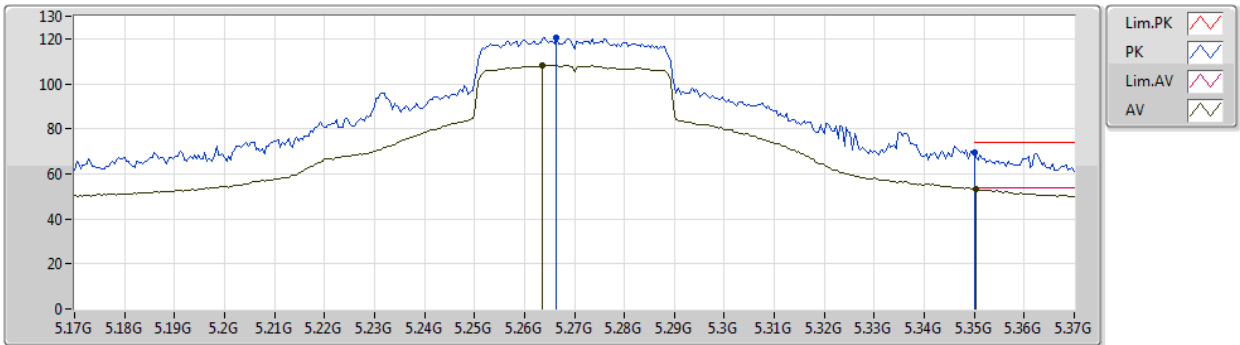


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AV	5.264G	105.76	Inf	-Inf	7.39	3	Vertical	307	1.69	-	98.37	31.34	10.11	34.06
AV	5.3508G	49.27	54.00	-4.73	7.45	3	Vertical	307	1.69	-	41.82	31.35	10.16	34.06
PK	5.2664G	117.65	Inf	-Inf	7.38	3	Vertical	307	1.69	-	110.27	31.33	10.11	34.06
PK	5.3528G	66.12	74.00	-7.88	7.46	3	Vertical	307	1.69	-	58.66	31.36	10.16	34.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5270MHz_TX

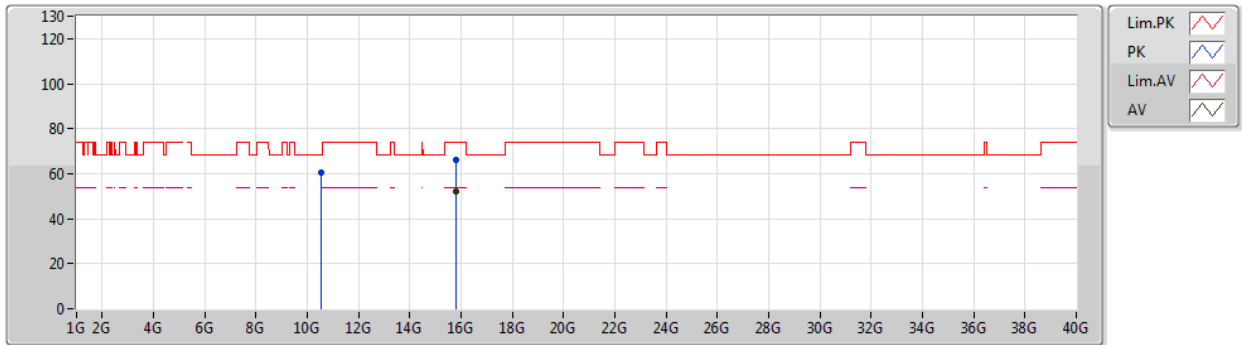


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2636G	108.03	Inf	-Inf	7.40	3	Horizontal	67	1.50	-	100.63	31.35	10.11	34.06
AV	5.3504G	53.20	54.00	-0.80	7.45	3	Horizontal	67	1.50	-	45.75	31.35	10.16	34.06
PK	5.2664G	120.41	Inf	-Inf	7.38	3	Horizontal	67	1.50	-	113.03	31.33	10.11	34.06
PK	5.35G	69.46	74.00	-4.54	7.45	3	Horizontal	67	1.50	-	62.01	31.35	10.16	34.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5270MHz_TX

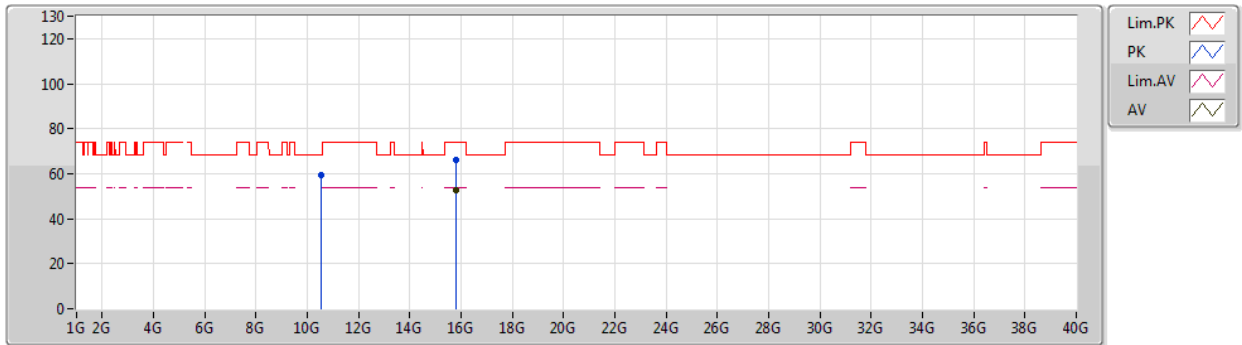


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.80472G	52.24	54.00	-1.76	18.73	3	Vertical	323	1.40	-	33.51	38.11	14.90	34.28
PK	10.54522G	60.30	68.20	-7.90	18.20	3	Vertical	142	1.98	-	42.10	39.61	13.02	34.43
PK	15.81108G	66.18	74.00	-7.82	18.70	3	Vertical	323	1.40	-	47.48	38.09	14.90	34.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5270MHz_TX

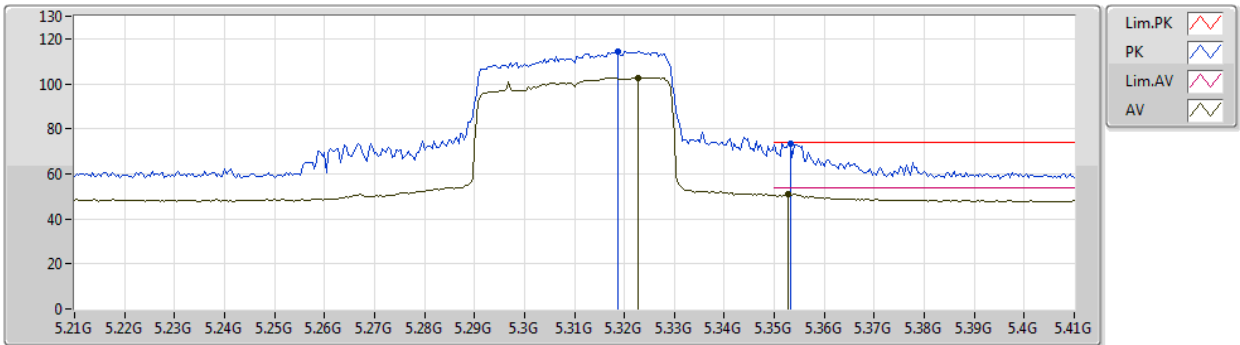


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.801G	52.64	54.00	-1.36	18.74	3	Horizontal	59	1.00	-	33.90	38.12	14.90	34.28
PK	10.552G	59.66	68.20	-8.54	18.21	3	Horizontal	238	2.03	-	41.45	39.62	13.02	34.43
PK	15.79644G	65.93	74.00	-8.07	18.75	3	Horizontal	59	1.00	-	47.18	38.13	14.89	34.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5310MHz_TX

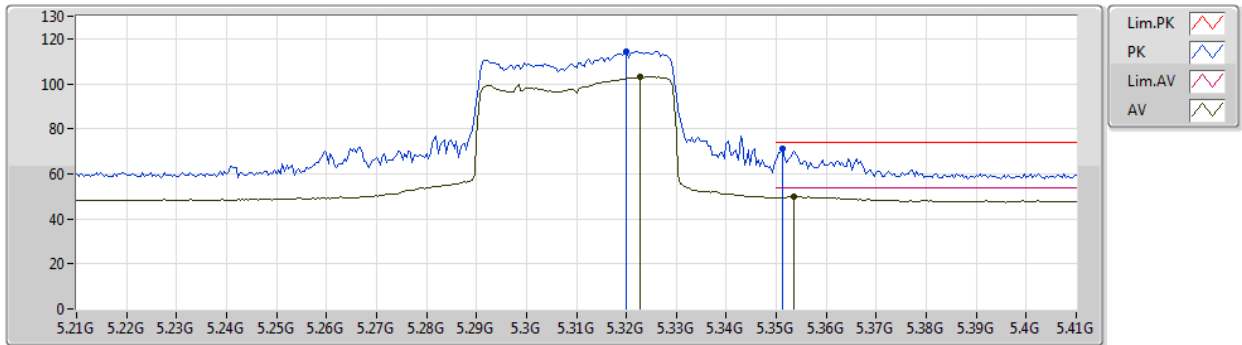


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3228G	102.66	Inf	-Inf	7.35	3	Vertical	348	2.79	-	95.31	31.27	10.14	34.06
AV	5.3528G	50.96	54.00	-3.04	7.46	3	Vertical	348	2.79	-	43.50	31.36	10.16	34.06
PK	5.3188G	114.57	Inf	-Inf	7.34	3	Vertical	348	2.79	-	107.23	31.26	10.14	34.06
PK	5.3532G	73.62	74.00	-0.38	7.46	3	Vertical	348	2.79	-	66.16	31.36	10.16	34.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5310MHz_TX

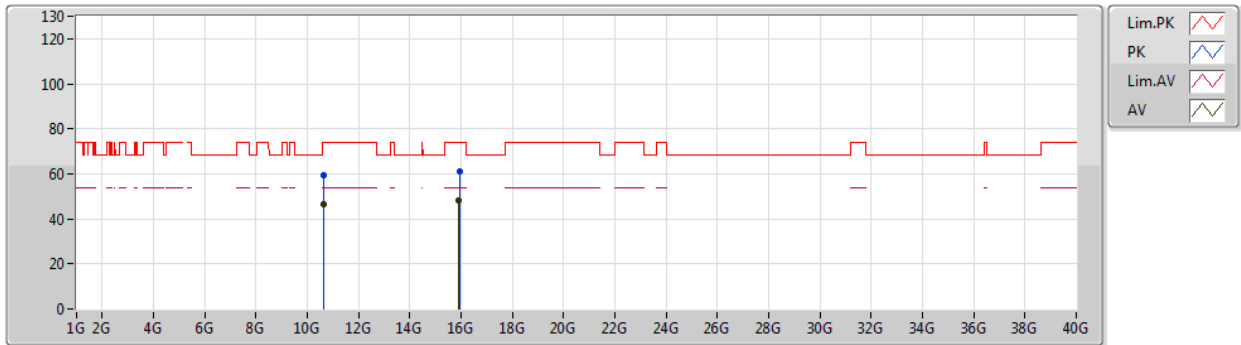


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3228G	103.12	Inf	-Inf	7.35	3	Horizontal	61	1.00	-	95.77	31.27	10.14	34.06
AV	5.3536G	49.95	54.00	-4.05	7.46	3	Horizontal	61	1.00	-	42.49	31.36	10.16	34.06
PK	5.32G	114.38	Inf	-Inf	7.34	3	Horizontal	61	1.00	-	107.04	31.26	10.14	34.06
PK	5.3512G	70.93	74.00	-3.07	7.45	3	Horizontal	61	1.00	-	63.48	31.35	10.16	34.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5310MHz_TX

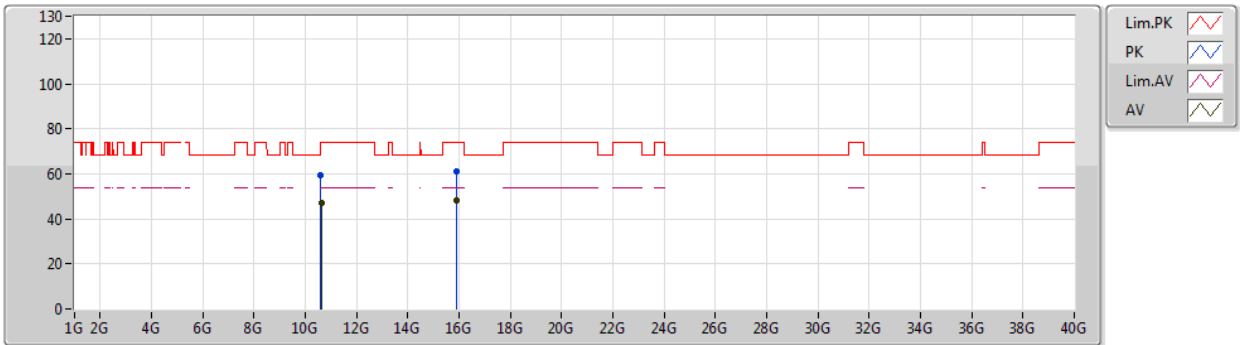


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6299G	46.72	54.00	-7.28	18.40	3	Vertical	35	2.88	-	28.32	39.72	13.06	34.38
AV	15.91902G	48.20	54.00	-5.80	18.32	3	Vertical	144	1.50	-	29.88	37.75	14.97	34.40
PK	10.62492G	59.22	74.00	-14.78	18.38	3	Vertical	35	2.88	-	40.84	39.71	13.06	34.39
PK	15.94374G	61.28	74.00	-12.72	18.23	3	Vertical	144	1.50	-	43.05	37.67	14.98	34.42

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5310MHz_TX

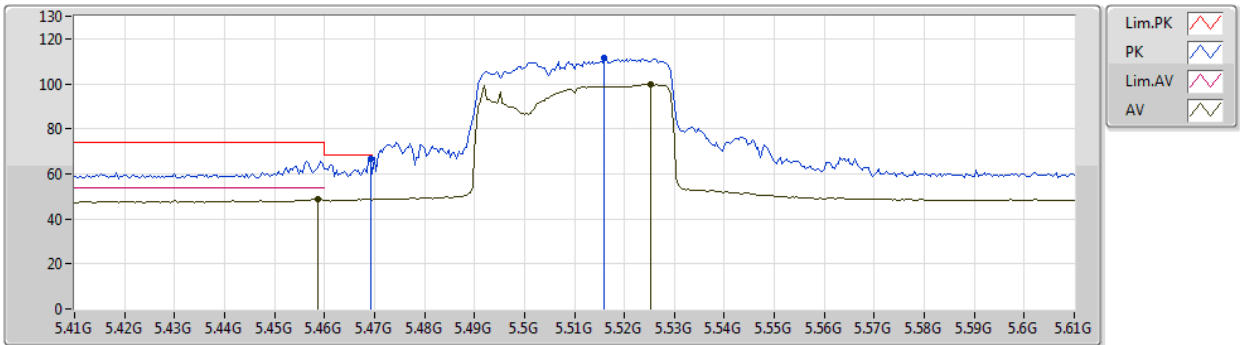


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6224G	46.98	54.00	-7.02	18.38	3	Horizontal	146	1.50	-	28.60	39.71	13.06	34.39
AV	15.92538G	48.27	54.00	-5.73	18.30	3	Horizontal	296	2.70	-	29.97	37.73	14.97	34.40
PK	10.60728G	59.34	74.00	-14.66	18.34	3	Horizontal	146	1.50	-	41.00	39.69	13.05	34.40
PK	15.92334G	61.10	74.00	-12.90	18.31	3	Horizontal	296	2.70	-	42.79	37.74	14.97	34.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5510MHz_TX

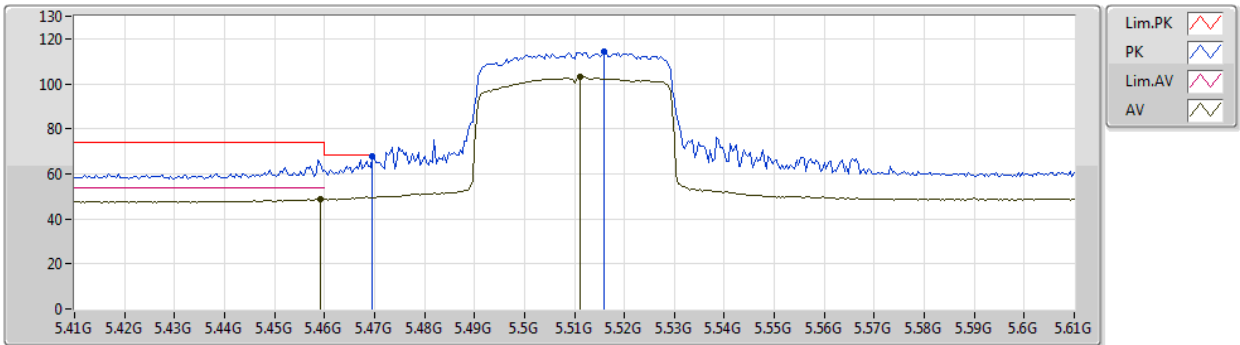


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	48.77	54.00	-5.23	7.81	3	Vertical	343	2.89	-	40.96	31.68	10.20	34.07
AV	5.5252G	99.71	Inf	-Inf	7.90	3	Vertical	343	2.89	-	91.81	31.75	10.22	34.07
PK	5.4692G	66.94	68.20	-1.26	7.85	3	Vertical	343	2.89	-	59.09	31.71	10.21	34.07
PK	5.516G	111.61	Inf	-Inf	7.92	3	Vertical	343	2.89	-	103.69	31.77	10.22	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5510MHz_TX

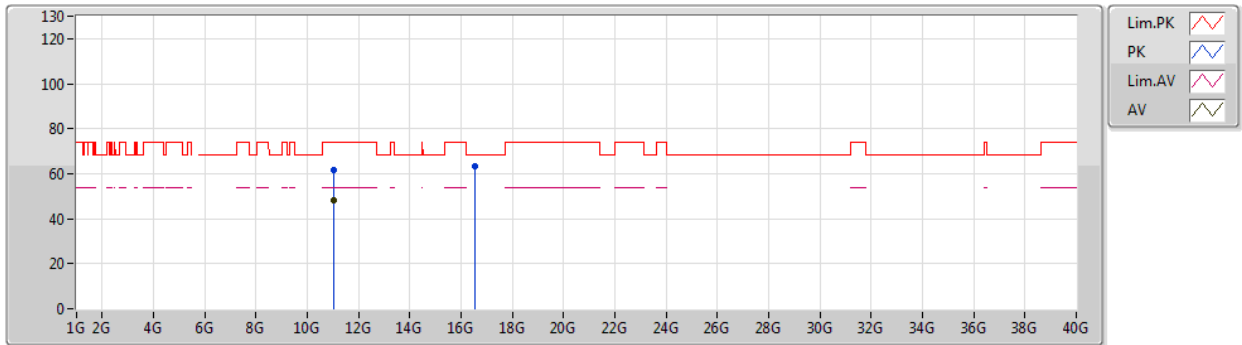


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	48.88	54.00	-5.12	7.81	3	Horizontal	300	1.50	-	41.07	31.68	10.20	34.07
AV	5.5112G	102.85	Inf	-Inf	7.93	3	Horizontal	300	1.50	-	94.92	31.78	10.22	34.07
PK	5.4696G	67.57	68.20	-0.63	7.85	3	Horizontal	300	1.50	-	59.72	31.71	10.21	34.07
PK	5.516G	114.04	Inf	-Inf	7.92	3	Horizontal	300	1.50	-	106.12	31.77	10.22	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5510MHz_TX

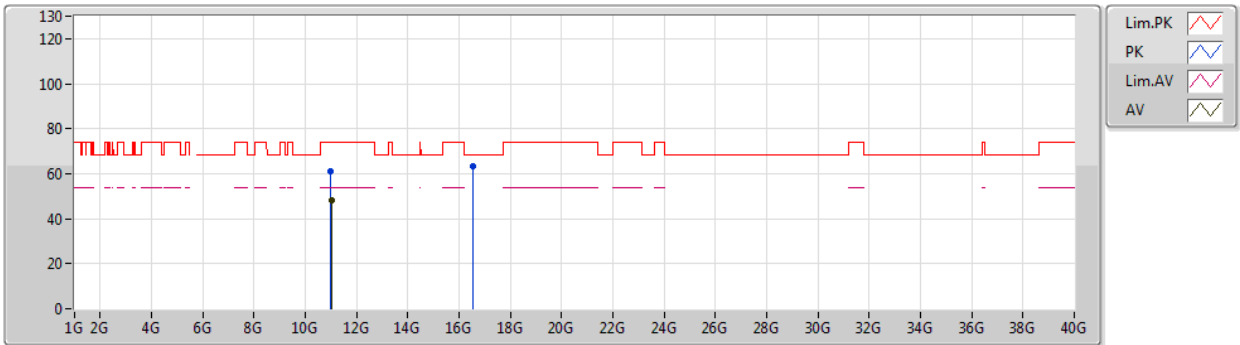


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.02732G	47.92	54.00	-6.08	19.26	3	Vertical	110	2.26	-	28.66	40.16	13.26	34.16
PK	11.01778G	61.46	74.00	-12.54	19.27	3	Vertical	110	2.26	-	42.19	40.18	13.25	34.16
PK	16.52532G	63.37	68.20	-4.83	19.71	3	Vertical	357	1.86	-	43.66	38.92	14.72	33.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5510MHz_TX

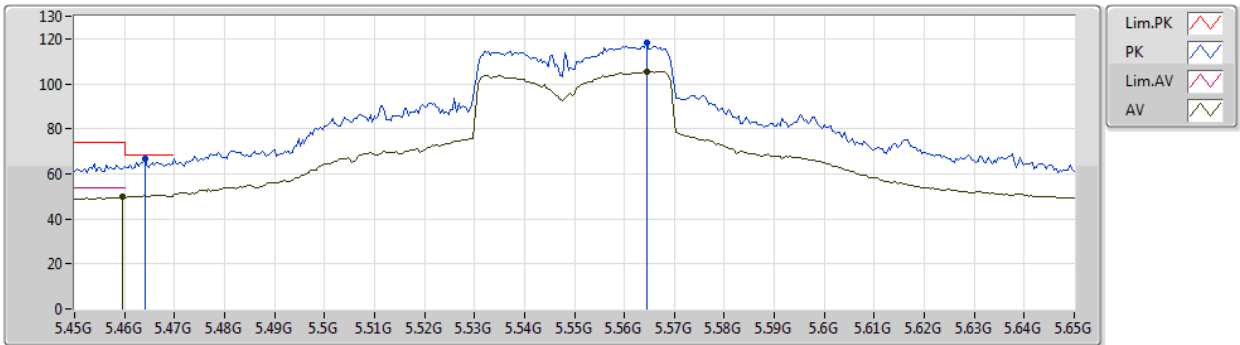


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00884G	47.99	54.00	-6.01	19.28	3	Horizontal	120	1.50	-	28.71	40.19	13.25	34.16
PK	11.008G	61.15	74.00	-12.85	19.28	3	Horizontal	120	1.50	-	41.87	40.19	13.25	34.16
PK	16.52076G	63.35	68.20	-4.85	19.70	3	Horizontal	177	1.00	-	43.65	38.91	14.72	33.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5550MHz_TX

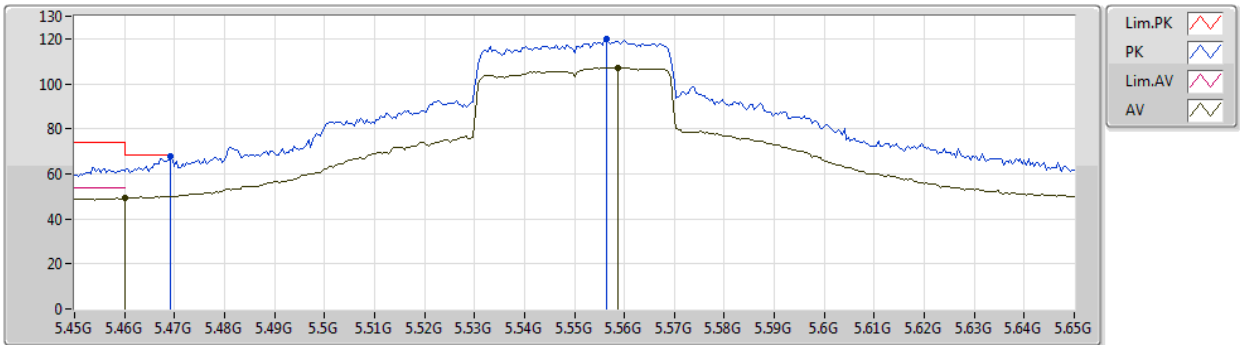


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	49.62	54.00	-4.38	7.81	3	Vertical	344	2.59	-	41.81	31.68	10.20	34.07
AV	5.5644G	105.28	Inf	-Inf	7.83	3	Vertical	344	2.59	-	97.45	31.67	10.23	34.07
PK	5.464G	66.43	68.20	-1.77	7.82	3	Vertical	344	2.59	-	58.61	31.69	10.20	34.07
PK	5.5644G	118.42	Inf	-Inf	7.83	3	Vertical	344	2.59	-	110.59	31.67	10.23	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5550MHz_TX

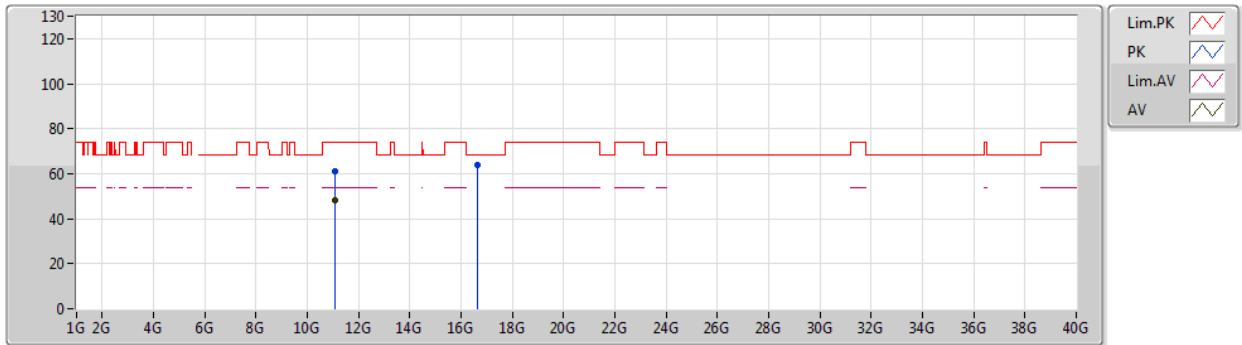


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.13	54.00	-4.87	7.81	3	Horizontal	277	1.50	-	41.32	31.68	10.20	34.07
AV	5.558G	107.29	Inf	-Inf	7.84	3	Horizontal	277	1.50	-	99.45	31.68	10.23	34.07
PK	5.4692G	67.72	68.20	-0.48	7.85	3	Horizontal	277	1.50	-	59.87	31.71	10.21	34.07
PK	5.5564G	119.96	Inf	-Inf	7.85	3	Horizontal	277	1.50	-	112.11	31.69	10.23	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5550MHz_TX

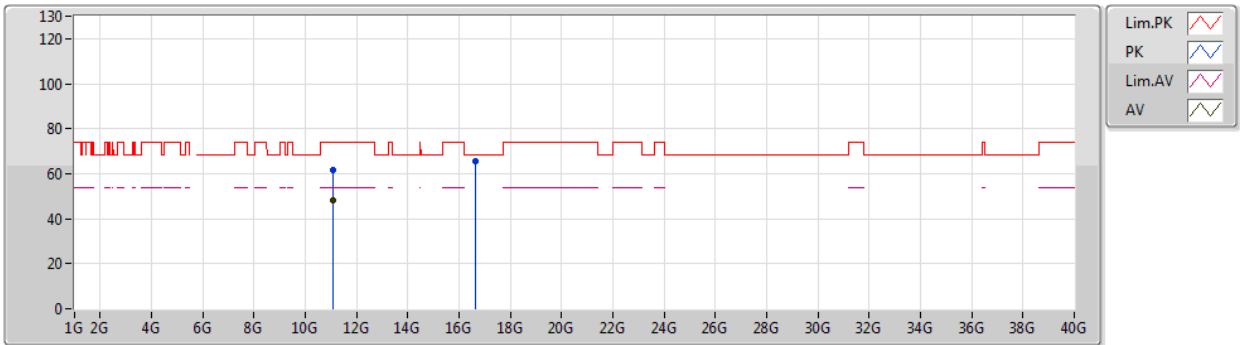


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.10222G	47.95	54.00	-6.05	19.19	3	Vertical	347	1.50	-	28.76	40.07	13.29	34.17
PK	11.09538G	60.96	74.00	-13.04	19.20	3	Vertical	347	1.50	-	41.76	40.08	13.29	34.17
PK	16.65186G	63.89	68.20	-4.31	20.11	3	Vertical	49	1.65	-	43.78	39.26	14.65	33.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5550MHz_TX

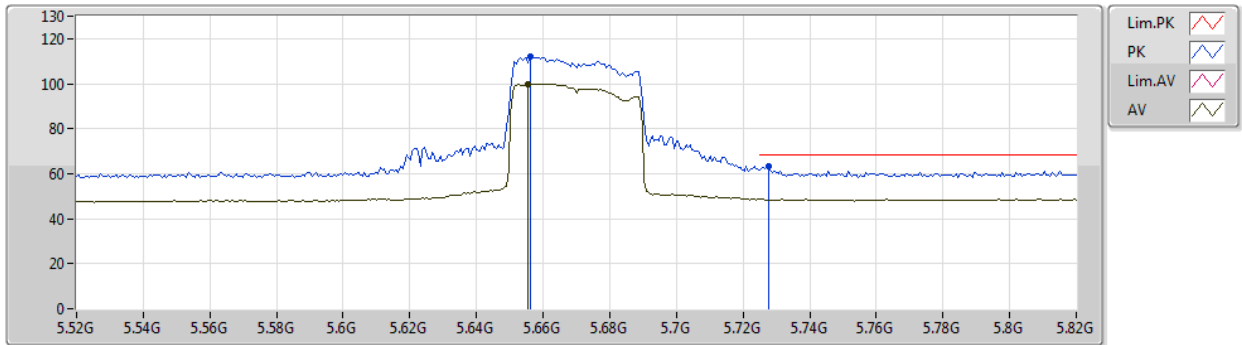


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.09904G	47.94	54.00	-6.06	19.19	3	Horizontal	352	2.16	-	28.75	40.07	13.29	34.17
PK	11.08668G	61.91	74.00	-12.09	19.20	3	Horizontal	352	2.16	-	42.71	40.09	13.28	34.17
PK	16.65222G	65.39	68.20	-2.81	20.11	3	Horizontal	39	1.55	-	45.28	39.26	14.65	33.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5670MHz_TX

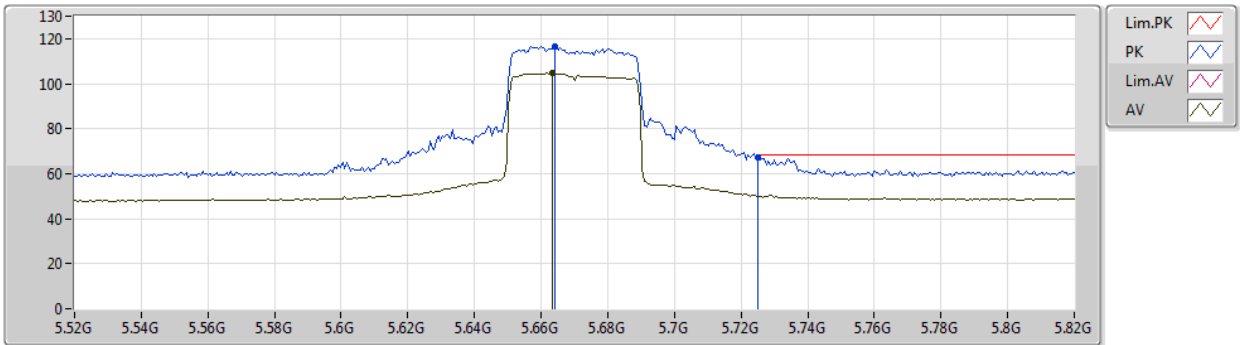


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6556G	100.00	Inf	-Inf	7.95	3	Vertical	57	2.36	-	92.05	31.71	10.31	34.07
PK	5.6562G	111.85	Inf	-Inf	7.95	3	Vertical	57	2.36	-	103.90	31.71	10.31	34.07
PK	5.7276G	63.06	68.20	-5.14	8.21	3	Vertical	57	2.36	-	54.85	31.88	10.40	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5670MHz_TX

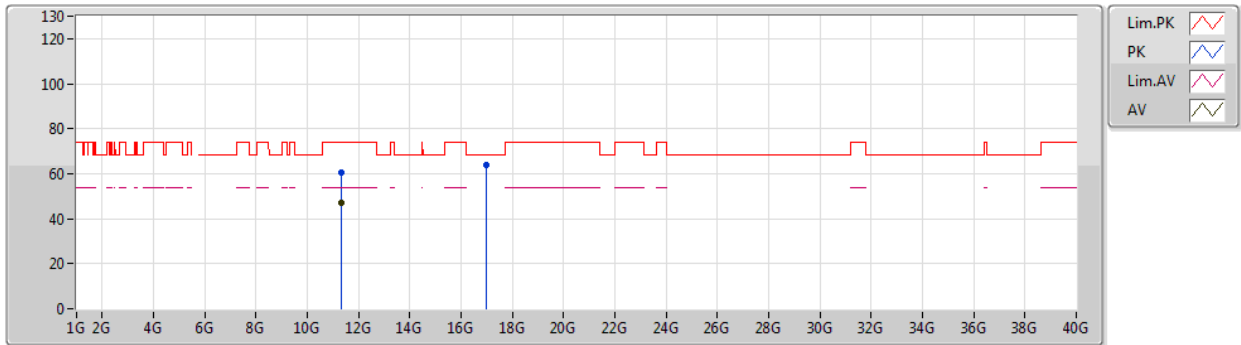


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6634G	104.80	Inf	-Inf	7.98	3	Horizontal	298	1.50	-	96.82	31.73	10.32	34.07
PK	5.664G	116.42	Inf	-Inf	7.98	3	Horizontal	298	1.50	-	108.44	31.73	10.32	34.07
PK	5.7252G	67.35	68.20	-0.85	8.21	3	Horizontal	298	1.50	-	59.14	31.88	10.40	34.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5670MHz_TX

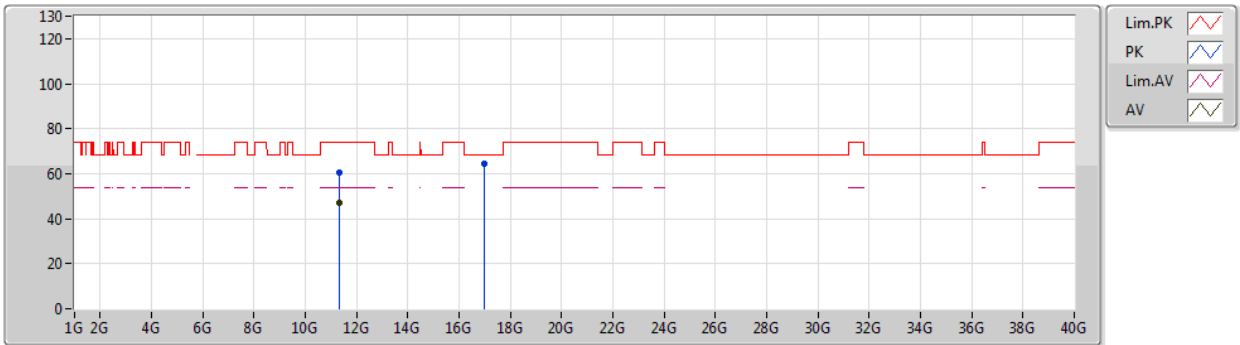


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.35146G	47.32	54.00	-6.68	18.97	3	Vertical	128	1.35	-	28.35	39.74	13.41	34.18
PK	11.33982G	60.30	74.00	-13.70	18.99	3	Vertical	128	1.35	-	41.31	39.76	13.41	34.18
PK	17.0043G	64.05	68.20	-4.15	21.25	3	Vertical	247	1.46	-	42.80	40.23	14.45	33.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5670MHz_TX

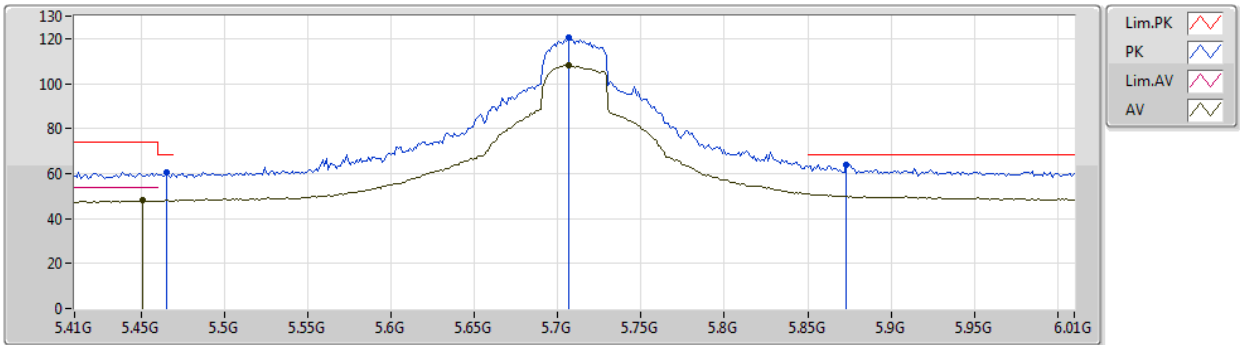


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.32656G	47.14	54.00	-6.86	19.00	3	Horizontal	48	1.26	-	28.14	39.78	13.40	34.18
PK	11.3331G	60.28	74.00	-13.72	18.99	3	Horizontal	48	1.26	-	41.29	39.77	13.40	34.18
PK	17.00586G	64.16	68.20	-4.04	21.26	3	Horizontal	179	1.50	-	42.90	40.24	14.45	33.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5710MHz Straddle 5.47-5.725GHz_TX

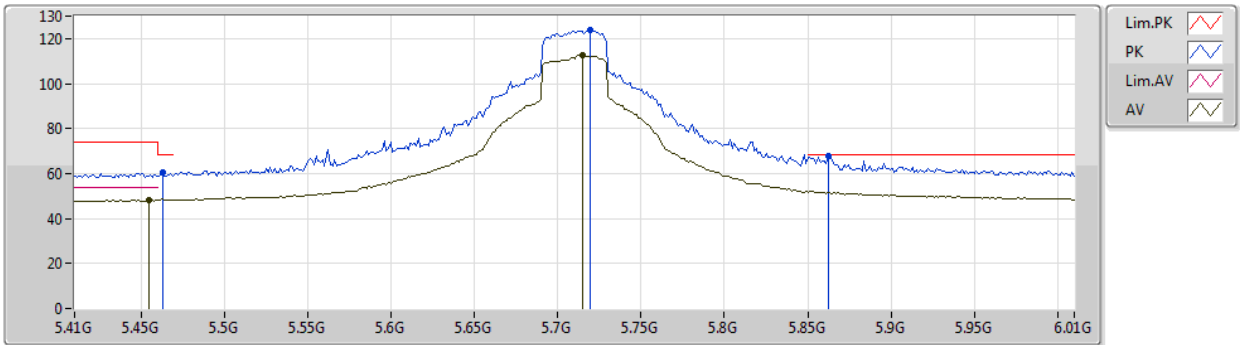


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4508G	47.93	54.00	-6.07	7.78	3	Vertical	13	2.94	-	40.15	31.65	10.20	34.07
AV	5.7064G	108.10	Inf	-Inf	8.12	3	Vertical	13	2.94	-	99.98	31.82	10.37	34.07
PK	5.4652G	60.53	68.20	-7.67	7.84	3	Vertical	13	2.94	-	52.69	31.70	10.21	34.07
PK	5.7064G	120.66	Inf	-Inf	8.12	3	Vertical	13	2.94	-	112.54	31.82	10.37	34.07
PK	5.8732G	64.15	68.20	-4.05	8.76	3	Vertical	13	2.94	-	55.39	32.32	10.52	34.08

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5710MHz Straddle 5.47-5.725GHz_TX

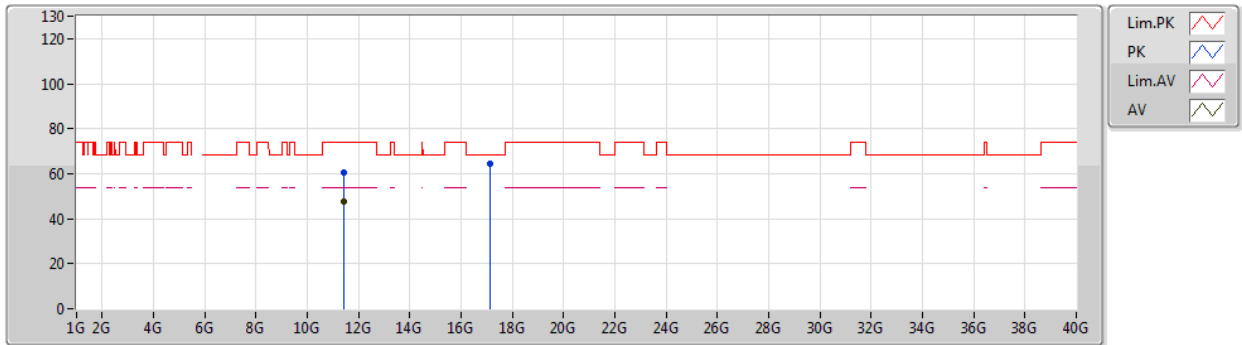


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4544G	48.12	54.00	-5.88	7.79	3	Horizontal	299	1.50	-	40.33	31.66	10.20	34.07
AV	5.7148G	112.65	Inf	-Inf	8.15	3	Horizontal	299	1.50	-	104.50	31.84	10.38	34.07
PK	5.4628G	60.34	68.20	-7.86	7.82	3	Horizontal	299	1.50	-	52.52	31.69	10.20	34.07
PK	5.7196G	123.99	Inf	-Inf	8.18	3	Horizontal	299	1.50	-	115.81	31.86	10.39	34.07
PK	5.8624G	68.01	68.20	-0.19	8.73	3	Horizontal	299	1.50	-	59.28	32.29	10.52	34.08

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5710MHz Straddle 5.47-5.725GHz_TX

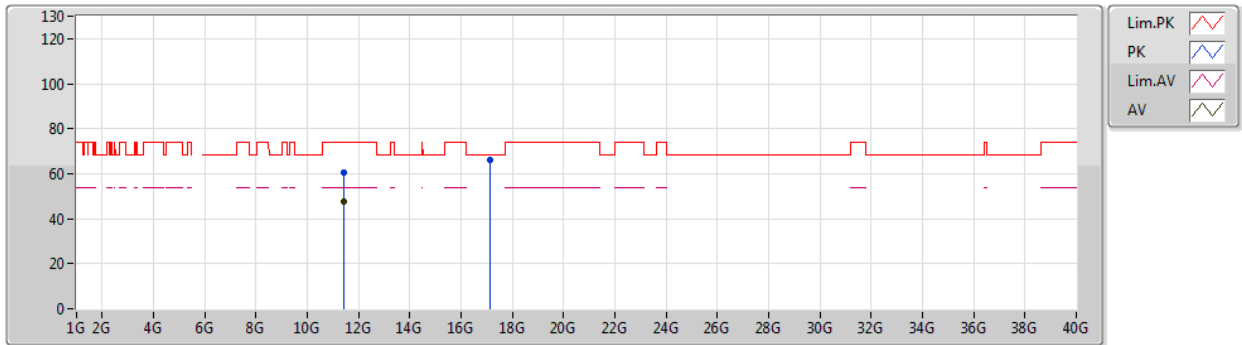


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.42984G	47.41	54.00	-6.59	18.90	3	Vertical	12	1.15	-	28.51	39.64	13.45	34.19
PK	11.41958G	60.33	74.00	-13.67	18.91	3	Vertical	12	1.15	-	41.42	39.65	13.45	34.19
PK	17.12796G	64.51	68.20	-3.69	22.16	3	Vertical	191	1.35	-	42.35	41.08	14.54	33.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

22/11/2019

5710MHz Straddle 5.47-5.725GHz_TX

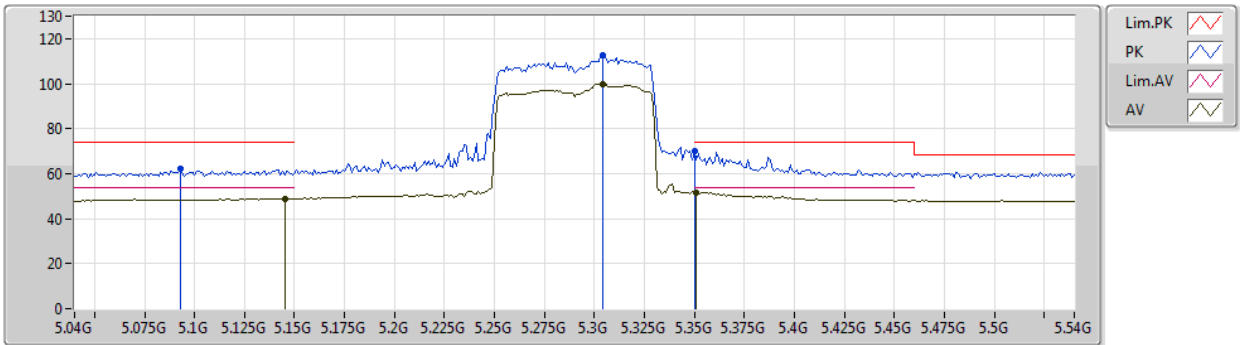


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43044G	47.40	54.00	-6.60	18.90	3	Horizontal	13	1.41	-	28.50	39.64	13.45	34.19
PK	11.40932G	60.33	74.00	-13.67	18.93	3	Horizontal	13	1.41	-	41.40	39.67	13.44	34.18
PK	17.13G	66.30	68.20	-1.90	22.18	3	Horizontal	306	2.00	-	44.12	41.10	14.54	33.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5290MHz_TX

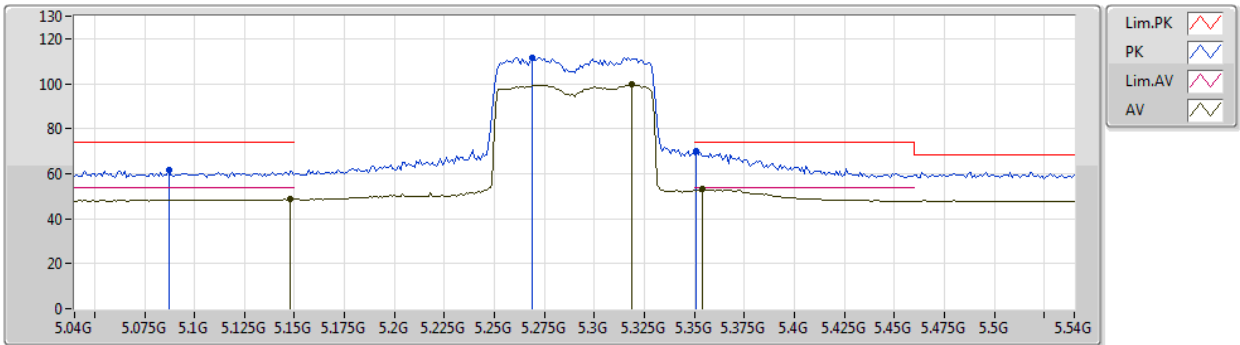


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.145G	48.95	54.00	-5.05	7.85	3	Vertical	351	2.79	-	41.10	31.82	10.08	34.05
AV	5.304G	99.89	Inf	-Inf	7.28	3	Vertical	351	2.79	-	92.61	31.21	10.13	34.06
AV	5.351G	51.81	54.00	-2.19	7.45	3	Vertical	351	2.79	-	44.36	31.35	10.16	34.06
PK	5.093G	62.33	74.00	-11.67	7.99	3	Vertical	351	2.79	-	54.34	31.96	10.08	34.05
PK	5.304G	112.69	Inf	-Inf	7.28	3	Vertical	351	2.79	-	105.41	31.21	10.13	34.06
PK	5.35G	69.79	74.00	-4.21	7.45	3	Vertical	351	2.79	-	62.34	31.35	10.16	34.06

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5290MHz_TX

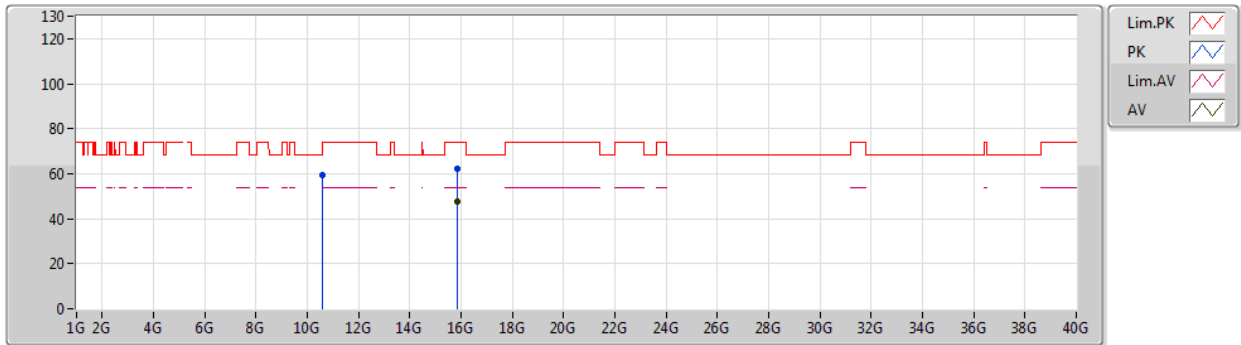


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	48.52	54.00	-5.48	7.84	3	Horizontal	68	1.50	-	40.68	31.81	10.08	34.05
AV	5.319G	99.78	Inf	-Inf	7.34	3	Horizontal	68	1.50	-	92.44	31.26	10.14	34.06
AV	5.354G	53.13	54.00	-0.87	7.46	3	Horizontal	68	1.50	-	45.67	31.36	10.16	34.06
PK	5.087G	61.82	74.00	-12.18	7.96	3	Horizontal	68	1.50	-	53.86	31.93	10.08	34.05
PK	5.269G	111.63	Inf	-Inf	7.38	3	Horizontal	68	1.50	-	104.25	31.32	10.12	34.06
PK	5.351G	70.28	74.00	-3.72	7.45	3	Horizontal	68	1.50	-	62.83	31.35	10.16	34.06

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5290MHz_TX

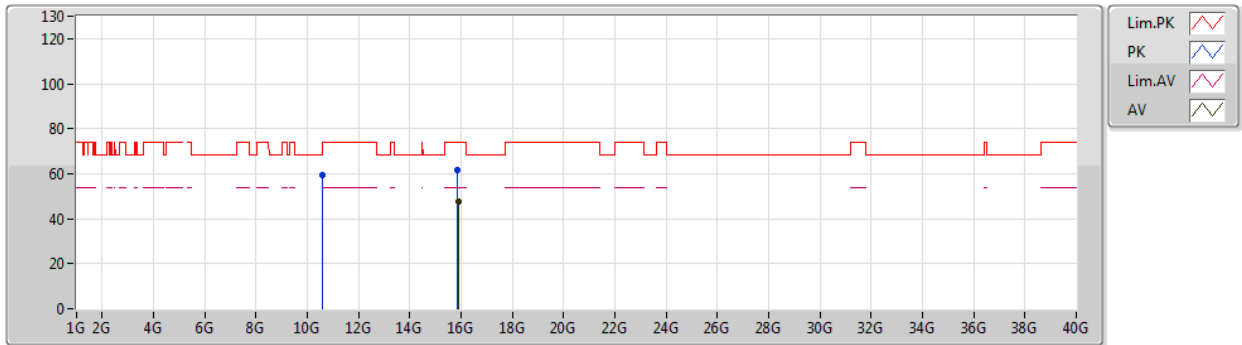


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.87174G	47.78	54.00	-6.22	18.49	3	Vertical	109	1.01	-	29.29	37.90	14.94	34.35
PK	10.56584G	59.29	68.20	-8.91	18.25	3	Vertical	188	1.54	-	41.04	39.64	13.03	34.42
PK	15.86544G	62.27	74.00	-11.73	18.52	3	Vertical	109	1.01	-	43.75	37.92	14.94	34.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5290MHz_TX

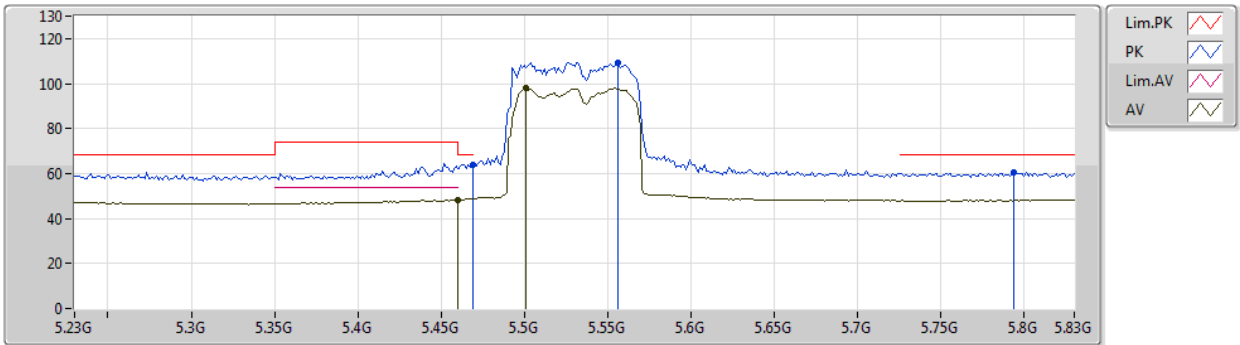


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.88128G	47.89	54.00	-6.11	18.46	3	Horizontal	296	1.95	-	29.43	37.87	14.95	34.36
PK	10.57856G	59.23	68.20	-8.97	18.28	3	Horizontal	36	1.49	-	40.95	39.65	13.04	34.41
PK	15.8637G	61.54	74.00	-12.46	18.52	3	Horizontal	296	1.95	-	43.02	37.92	14.94	34.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5530MHz_TX

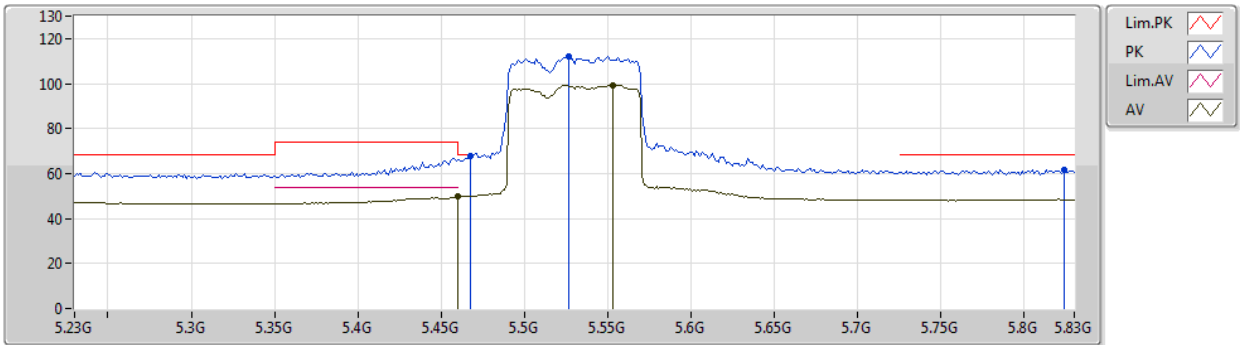


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	48.24	54.00	-5.76	7.81	3	Vertical	343	2.52	-	40.43	31.68	10.20	34.07
AV	5.5012G	97.88	Inf	-Inf	7.95	3	Vertical	343	2.52	-	89.93	31.80	10.22	34.07
PK	5.4688G	64.08	68.20	-4.12	7.85	3	Vertical	343	2.52	-	56.23	31.71	10.21	34.07
PK	5.5564G	109.46	Inf	-Inf	7.85	3	Vertical	343	2.52	-	101.61	31.69	10.23	34.07
PK	5.794G	60.62	68.20	-7.58	8.48	3	Vertical	343	2.52	-	52.14	32.08	10.48	34.08

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5530MHz_TX

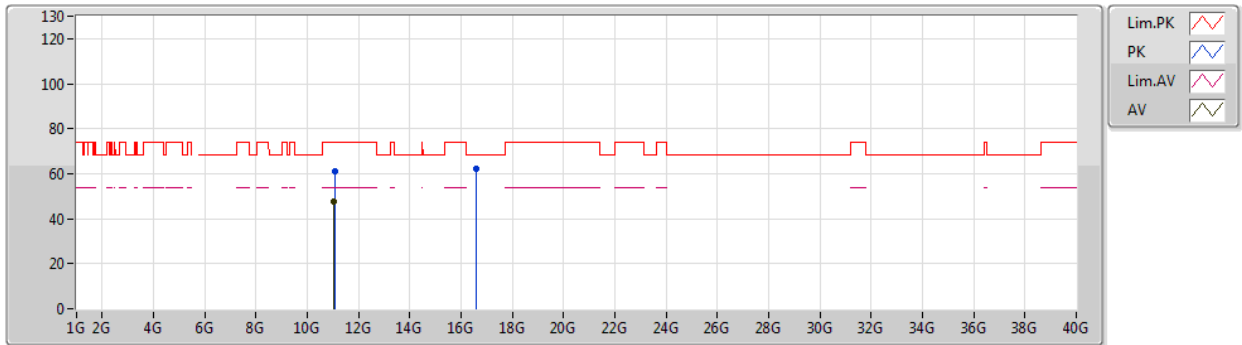


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.67	54.00	-4.33	7.81	3	Horizontal	281	1.50	-	41.86	31.68	10.20	34.07
AV	5.528G	99.22	Inf	-Inf	7.85	3	Horizontal	281	1.50	-	91.37	31.69	10.23	34.07
PK	5.4676G	67.75	68.20	-0.45	7.84	3	Horizontal	281	1.50	-	59.91	31.70	10.21	34.07
PK	5.5264G	112.16	Inf	-Inf	7.90	3	Horizontal	281	1.50	-	104.26	31.75	10.22	34.07
PK	5.824G	61.80	68.20	-6.40	8.59	3	Horizontal	281	1.50	-	53.21	32.17	10.50	34.08

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5530MHz_TX

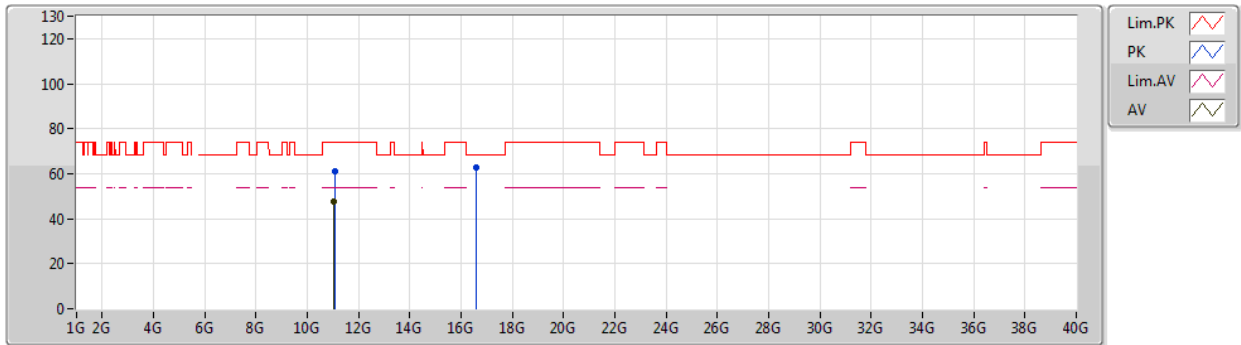


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.05586G	47.46	54.00	-6.54	19.24	3	Vertical	128	1.42	-	28.22	40.13	13.27	34.16
PK	11.06942G	60.82	74.00	-13.18	19.23	3	Vertical	128	1.42	-	41.59	40.11	13.28	34.16
PK	16.57638G	62.42	68.20	-5.78	19.88	3	Vertical	166	1.38	-	42.54	39.06	14.69	33.87

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5530MHz_TX

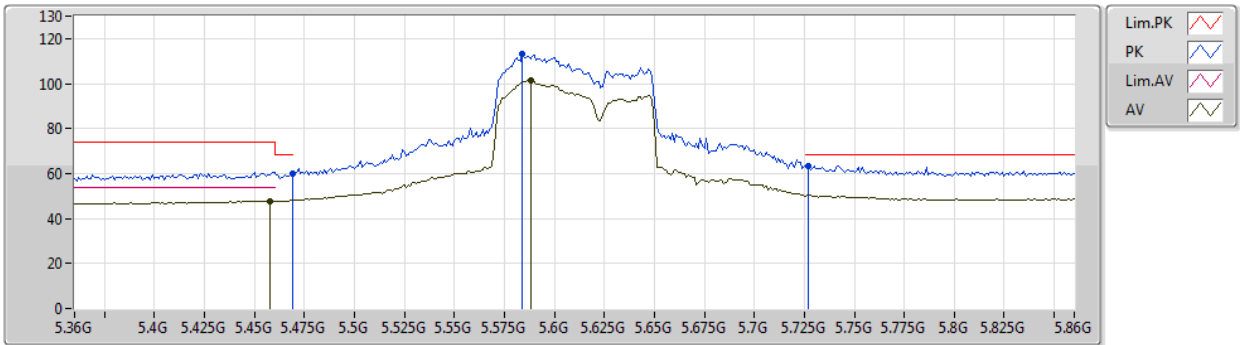


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.05526G	47.61	54.00	-6.39	19.24	3	Horizontal	95	2.41	-	28.37	40.13	13.27	34.16
PK	11.06732G	60.90	74.00	-13.10	19.23	3	Horizontal	95	2.41	-	41.67	40.11	13.28	34.16
PK	16.58226G	62.76	68.20	-5.44	19.89	3	Horizontal	218	2.23	-	42.87	39.07	14.69	33.87

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5610MHz_TX

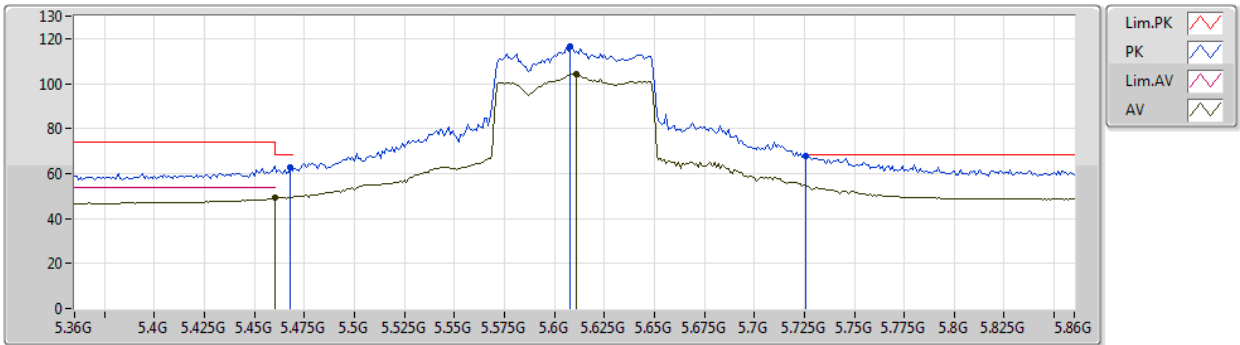


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	47.67	54.00	-6.33	7.80	3	Vertical	359	2.56	-	39.87	31.67	10.20	34.07
AV	5.588G	101.28	Inf	-Inf	7.79	3	Vertical	359	2.56	-	93.49	31.62	10.24	34.07
PK	5.469G	59.99	68.20	-8.21	7.85	3	Vertical	359	2.56	-	52.14	31.71	10.21	34.07
PK	5.584G	113.07	Inf	-Inf	7.80	3	Vertical	359	2.56	-	105.27	31.63	10.24	34.07
PK	5.727G	63.56	68.20	-4.64	8.21	3	Vertical	359	2.56	-	55.35	31.88	10.40	34.07

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5610MHz_TX

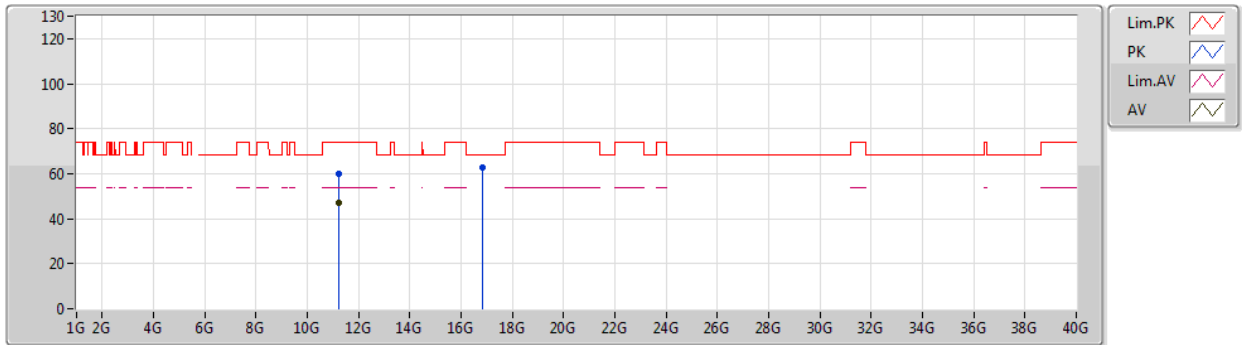


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.06	54.00	-4.94	7.81	3	Horizontal	276	1.50	-	41.25	31.68	10.20	34.07
AV	5.611G	104.02	Inf	-Inf	7.81	3	Horizontal	276	1.50	-	96.21	31.62	10.26	34.07
PK	5.468G	62.84	68.20	-5.36	7.84	3	Horizontal	276	1.50	-	55.00	31.70	10.21	34.07
PK	5.608G	116.47	Inf	-Inf	7.80	3	Horizontal	276	1.50	-	108.67	31.62	10.25	34.07
PK	5.726G	67.76	68.20	-0.44	8.21	3	Horizontal	276	1.50	-	59.55	31.88	10.40	34.07

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5610MHz_TX

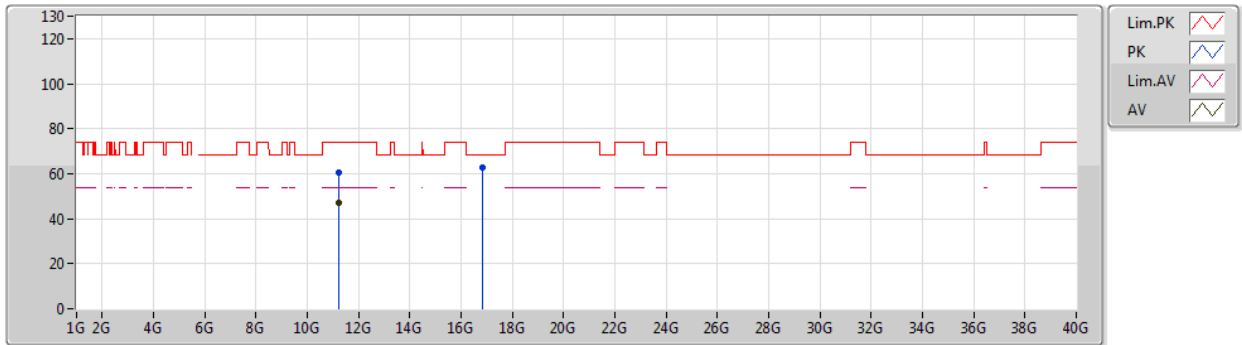


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.20896G	47.04	54.00	-6.96	19.10	3	Vertical	235	2.19	-	27.94	39.93	13.34	34.17
PK	11.22384G	60.18	74.00	-13.82	19.09	3	Vertical	235	2.19	-	41.09	39.91	13.35	34.17
PK	16.82694G	63.02	68.20	-5.18	20.67	3	Vertical	262	1.10	-	42.35	39.73	14.55	33.61

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5610MHz_TX

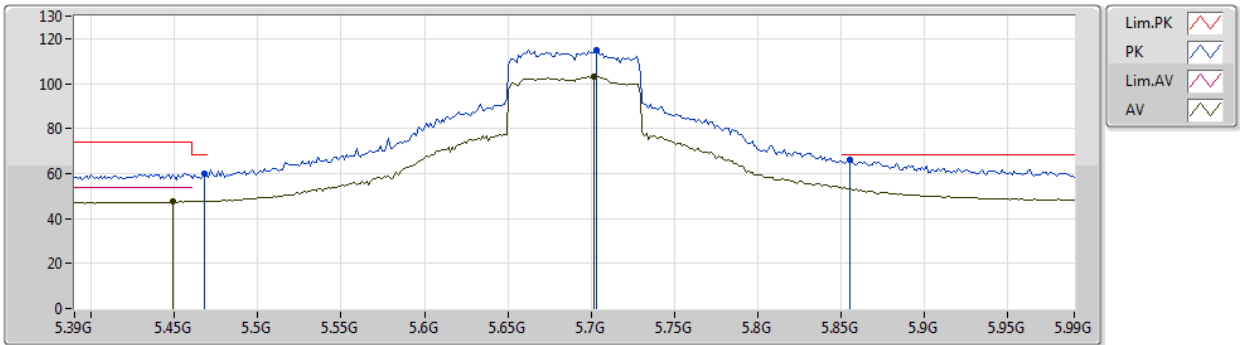


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.21016G	46.98	54.00	-7.02	19.10	3	Horizontal	29	1.97	-	27.88	39.93	13.34	34.17
PK	11.21592G	60.41	74.00	-13.59	19.10	3	Horizontal	29	1.97	-	41.31	39.92	13.35	34.17
PK	16.82406G	63.01	68.20	-5.19	20.66	3	Horizontal	348	1.49	-	42.35	39.72	14.55	33.61

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5690MHz Straddle 5.47-5.725GHz_TX

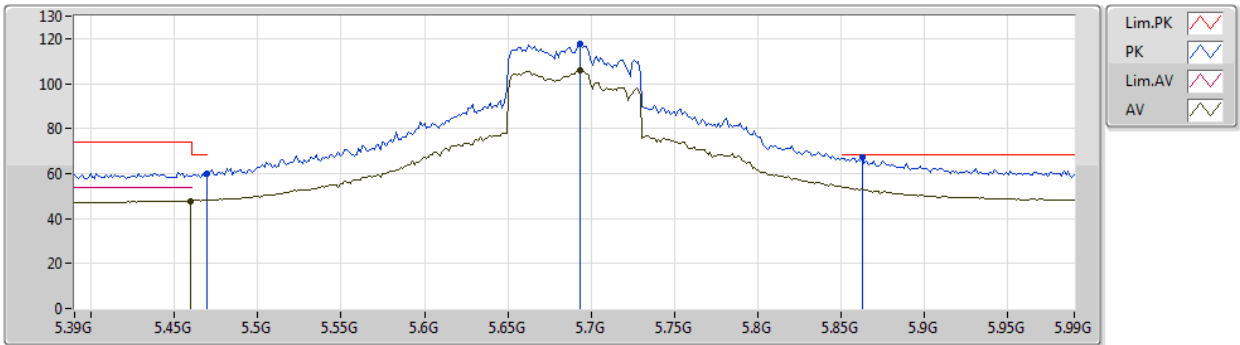


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4488G	47.57	54.00	-6.43	7.79	3	Vertical	60	2.05	-	39.78	31.65	10.20	34.06
AV	5.702G	103.22	Inf	-Inf	8.11	3	Vertical	60	2.05	-	95.11	31.81	10.37	34.07
PK	5.468G	60.01	68.20	-8.19	7.84	3	Vertical	60	2.05	-	52.17	31.70	10.21	34.07
PK	5.7032G	114.76	Inf	-Inf	8.11	3	Vertical	60	2.05	-	106.65	31.81	10.37	34.07
PK	5.8556G	66.30	68.20	-1.90	8.70	3	Vertical	60	2.05	-	57.60	32.27	10.51	34.08

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5690MHz Straddle 5.47-5.725GHz_TX

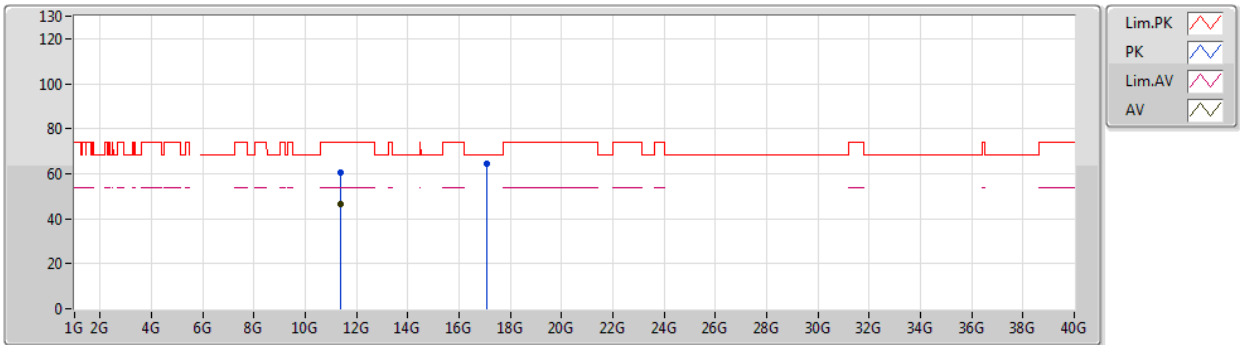


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.84	54.00	-6.16	7.81	3	Horizontal	273	1.71	-	40.03	31.68	10.20	34.07
AV	5.6936G	106.10	Inf	-Inf	8.08	3	Horizontal	273	1.71	-	98.02	31.79	10.36	34.07
PK	5.4692G	60.08	68.20	-8.12	7.85	3	Horizontal	273	1.71	-	52.23	31.71	10.21	34.07
PK	5.6936G	117.79	Inf	-Inf	8.08	3	Horizontal	273	1.71	-	109.71	31.79	10.36	34.07
PK	5.8628G	67.42	68.20	-0.78	8.73	3	Horizontal	273	1.71	-	58.69	32.29	10.52	34.08

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5690MHz Straddle 5.47-5.725GHz_TX

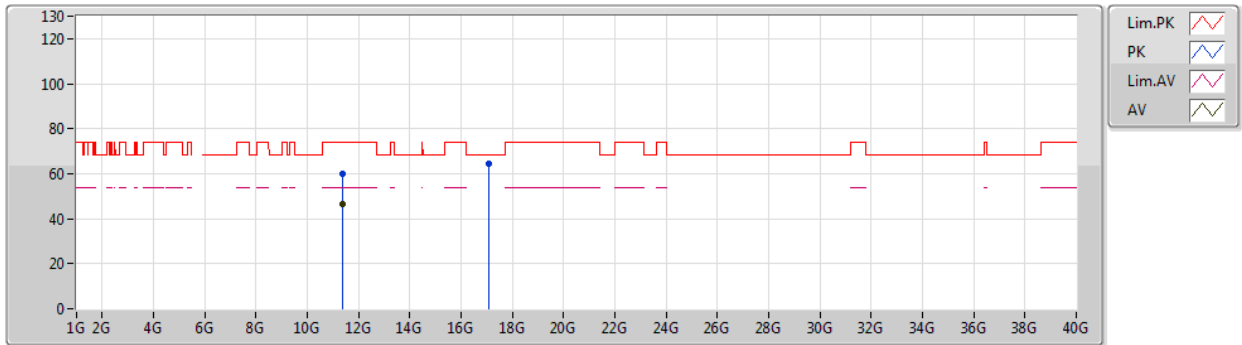


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39248G	46.75	54.00	-7.25	18.94	3	Vertical	200	1.50	-	27.81	39.69	13.43	34.18
PK	11.39008G	60.51	74.00	-13.49	18.94	3	Vertical	200	1.50	-	41.57	39.69	13.43	34.18
PK	17.058G	64.17	68.20	-4.03	21.65	3	Vertical	62	3.00	-	42.52	40.60	14.49	33.44

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

22/11/2019

5690MHz Straddle 5.47-5.725GHz_TX

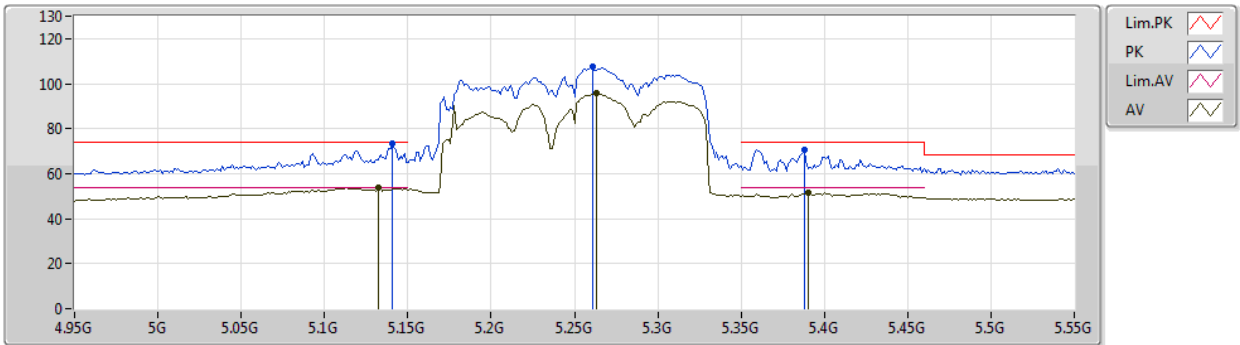


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.38648G	46.77	54.00	-7.23	18.95	3	Horizontal	71	1.50	-	27.82	39.70	13.43	34.18
PK	11.39314G	60.01	74.00	-13.99	18.94	3	Horizontal	71	1.50	-	41.07	39.69	13.43	34.18
PK	17.06778G	64.41	68.20	-3.79	21.73	3	Horizontal	319	1.47	-	42.68	40.67	14.50	33.44

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5250MHz_TX

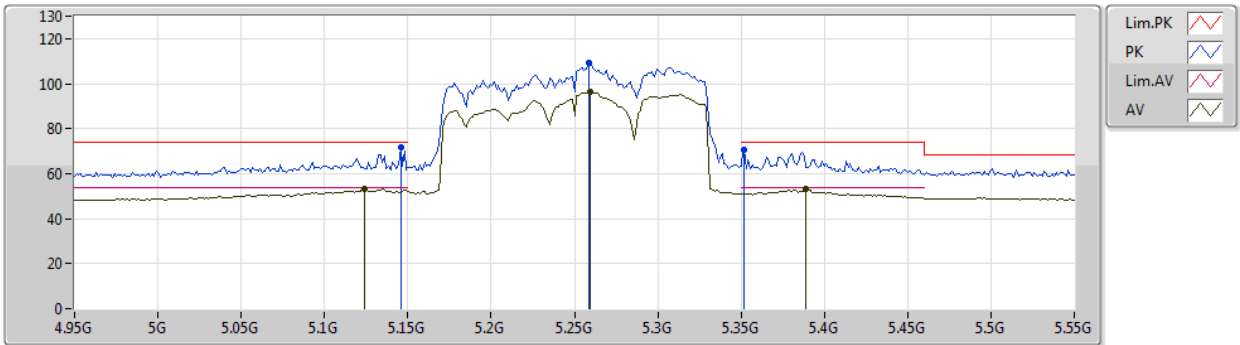


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1324G	53.66	54.00	-0.34	7.90	3	Vertical	15	2.68	-	45.76	31.87	10.08	34.05
AV	5.2632G	95.61	Inf	-Inf	7.40	3	Vertical	15	2.68	-	88.21	31.35	10.11	34.06
AV	5.3904G	51.41	54.00	-2.59	7.59	3	Vertical	15	2.68	-	43.82	31.47	10.18	34.06
PK	5.1408G	73.13	74.00	-0.87	7.87	3	Vertical	15	2.68	-	65.26	31.84	10.08	34.05
PK	5.2608G	107.43	Inf	-Inf	7.41	3	Vertical	15	2.68	-	100.02	31.36	10.11	34.06
PK	5.388G	70.87	74.00	-3.13	7.58	3	Vertical	15	2.68	-	63.29	31.46	10.18	34.06

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5250MHz_TX

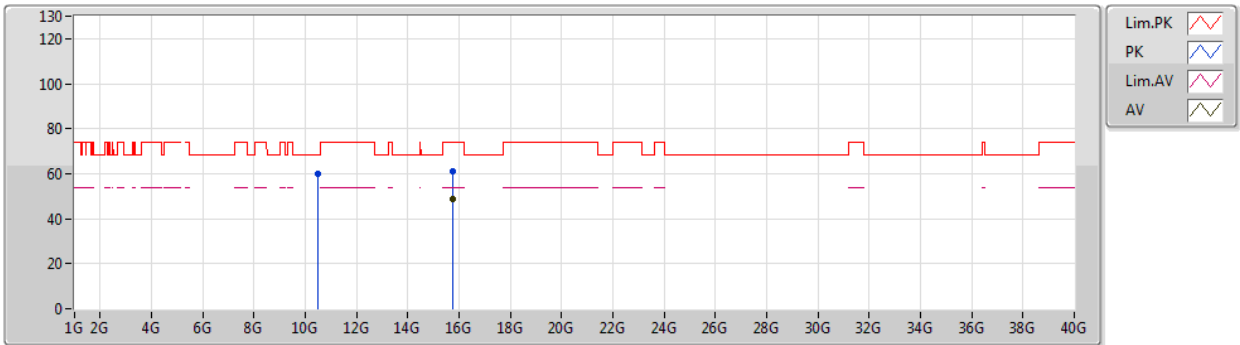


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.124G	53.45	54.00	-0.55	7.93	3	Horizontal	68	1.31	-	45.52	31.90	10.08	34.05
AV	5.2596G	96.34	Inf	-Inf	7.41	3	Horizontal	68	1.31	-	88.93	31.36	10.11	34.06
AV	5.3892G	53.01	54.00	-0.99	7.59	3	Horizontal	68	1.31	-	45.42	31.47	10.18	34.06
PK	5.1456G	71.83	74.00	-2.17	7.85	3	Horizontal	68	1.31	-	63.98	31.82	10.08	34.05
PK	5.2584G	109.02	Inf	-Inf	7.42	3	Horizontal	68	1.31	-	101.60	31.37	10.11	34.06
PK	5.352G	70.34	74.00	-3.66	7.46	3	Horizontal	68	1.31	-	62.88	31.36	10.16	34.06

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5250MHz_TX

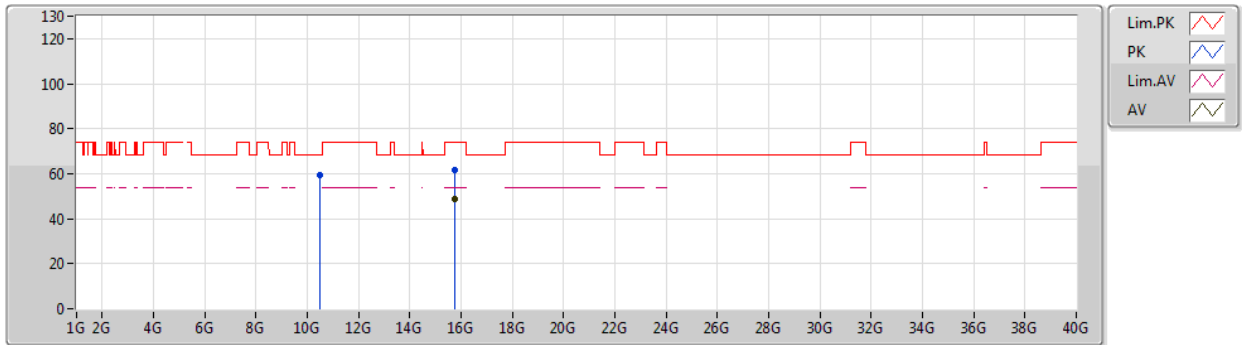


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7531G	48.76	54.00	-5.24	18.91	3	Vertical	32	1.50	-	29.85	38.27	14.87	34.23
PK	10.50038G	59.95	68.20	-8.25	18.09	3	Vertical	67	1.50	-	41.86	39.55	13.00	34.46
PK	15.75248G	61.07	74.00	-12.93	18.91	3	Vertical	32	1.50	-	42.16	38.27	14.87	34.23

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5250MHz_TX

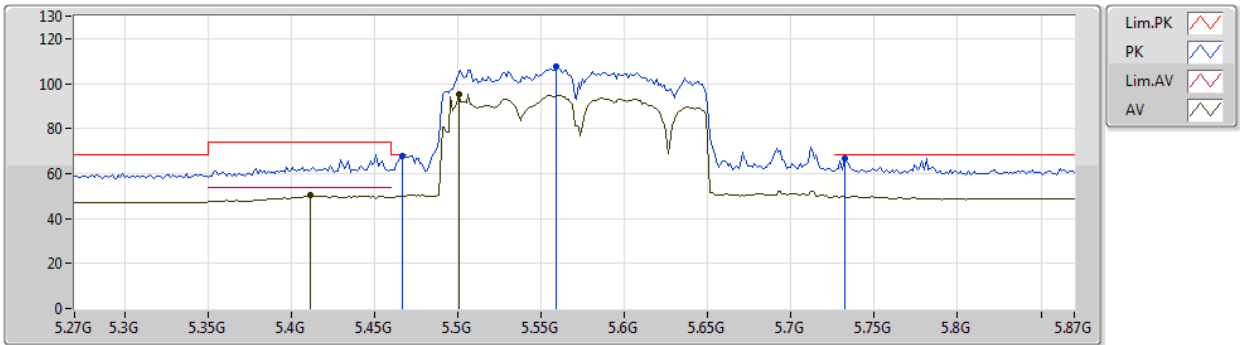


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7535G	48.58	54.00	-5.42	18.90	3	Horizontal	301	1.50	-	29.68	38.26	14.87	34.23
PK	10.4989G	59.51	68.20	-8.69	18.09	3	Horizontal	103	2.81	-	41.42	39.55	13.00	34.46
PK	15.749G	61.77	74.00	-12.23	18.92	3	Horizontal	301	1.50	-	42.85	38.28	14.86	34.22

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5570MHz_TX

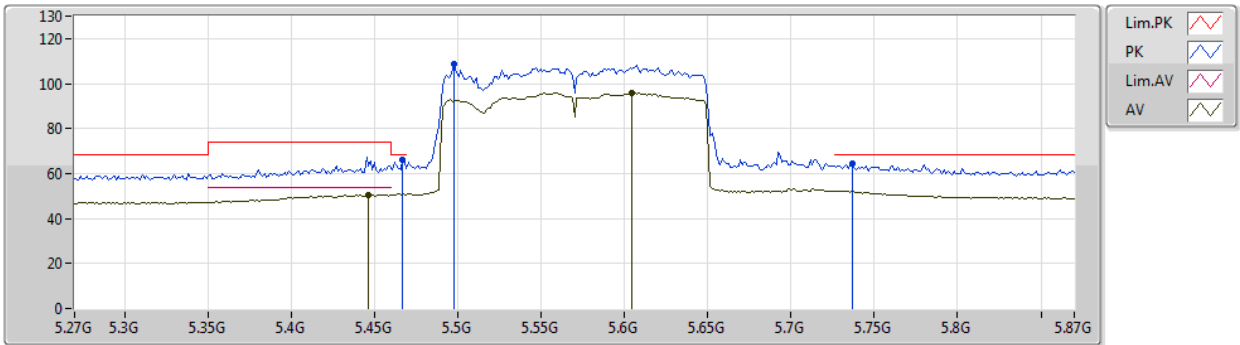


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4116G	50.46	54.00	-3.54	7.66	3	Vertical	343	3.00	-	42.80	31.53	10.19	34.06
AV	5.5004G	95.48	Inf	-Inf	7.95	3	Vertical	343	3.00	-	87.53	31.80	10.22	34.07
PK	5.4668G	68.00	68.20	-0.20	7.84	3	Vertical	343	3.00	-	60.16	31.70	10.21	34.07
PK	5.5592G	107.86	Inf	-Inf	7.84	3	Vertical	343	3.00	-	100.02	31.68	10.23	34.07
PK	5.732G	66.47	68.20	-1.73	8.23	3	Vertical	343	3.00	-	58.24	31.90	10.40	34.07

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5570MHz_TX

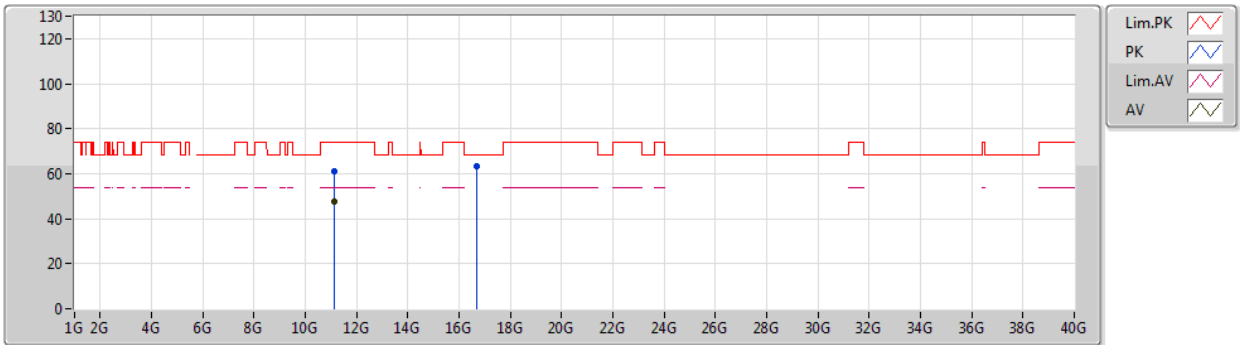


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4464G	50.60	54.00	-3.40	7.78	3	Horizontal	286	1.50	-	42.82	31.64	10.20	34.06
AV	5.6048G	95.76	Inf	-Inf	7.79	3	Horizontal	286	1.50	-	87.97	31.61	10.25	34.07
PK	5.4668G	66.10	68.20	-2.10	7.84	3	Horizontal	286	1.50	-	58.26	31.70	10.21	34.07
PK	5.498G	108.45	Inf	-Inf	7.93	3	Horizontal	286	1.50	-	100.52	31.79	10.21	34.07
PK	5.7368G	64.41	68.20	-3.79	8.25	3	Horizontal	286	1.50	-	56.16	31.91	10.41	34.07

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5570MHz_TX

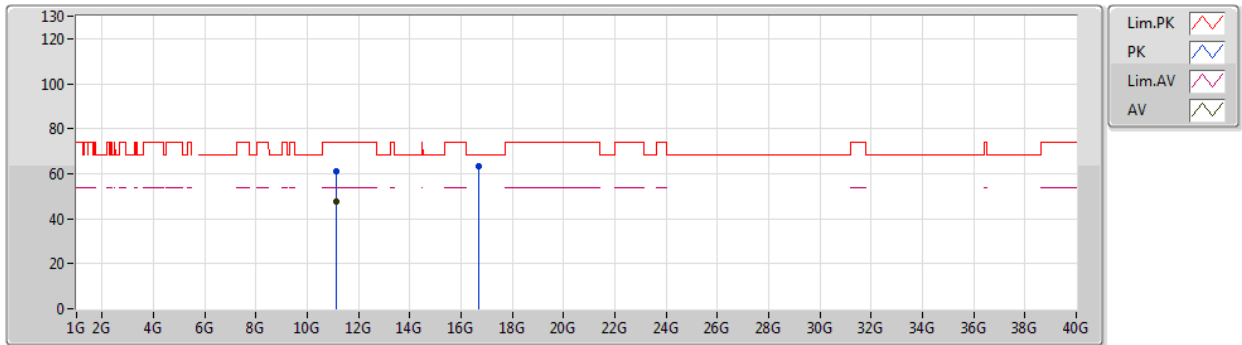


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.13753G	47.87	54.00	-6.13	19.16	3	Vertical	194	1.50	-	28.71	40.02	13.31	34.17
PK	11.13818G	61.11	74.00	-12.89	19.16	3	Vertical	194	1.50	-	41.95	40.02	13.31	34.17
PK	16.70676G	63.11	68.20	-5.09	20.29	3	Vertical	141	1.50	-	42.82	39.41	14.62	33.74

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

22/11/2019

5570MHz_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	11.13904G	47.80	54.00	-6.20	19.16	3	Horizontal	287	1.50	-	28.64	40.02	13.31	34.17
PK	11.13856G	61.23	74.00	-12.77	19.16	3	Horizontal	287	1.50	-	42.07	40.02	13.31	34.17
PK	16.70874G	63.12	68.20	-5.08	20.29	3	Horizontal	217	1.32	-	42.83	39.41	14.62	33.74



RSE TX above 1GHz
Beamforming_Sample 1_Radio 3_2T1S

Appendix D.20

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)_2TX	Pass	PK	5.35G	73.76	74.00	-0.24	3	Horizontal	17	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.3512G	73.59	74.00	-0.41	3	Horizontal	13	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.55	54.00	-0.45	3	Horizontal	13	1.50	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	PK	5.467G	67.96	68.20	-0.24	3	Horizontal	13	1.49	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.4696G	68.00	68.20	-0.20	3	Vertical	359	2.10	-
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.727G	68.05	68.20	-0.15	3	Horizontal	327	2.49	-

Remark :

Page No. : D1 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

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.15G	49.83	54.00	-4.17	3	Vertical	25	2.25	-
5260MHz	Pass	AV	5.2522G	109.08	Inf	-Inf	3	Vertical	25	2.25	-
5260MHz	Pass	AV	5.3518G	51.99	54.00	-2.01	3	Vertical	25	2.25	-
5260MHz	Pass	PK	5.15G	60.90	74.00	-13.10	3	Vertical	25	2.25	-
5260MHz	Pass	PK	5.2516G	119.81	Inf	-Inf	3	Vertical	25	2.25	-
5260MHz	Pass	PK	5.3548G	63.11	74.00	-10.89	3	Vertical	25	2.25	-
5260MHz	Pass	AV	5.15G	49.71	54.00	-4.29	3	Horizontal	354	1.50	-
5260MHz	Pass	AV	5.2672G	109.94	Inf	-Inf	3	Horizontal	354	1.50	-
5260MHz	Pass	AV	5.3512G	53.39	54.00	-0.61	3	Horizontal	354	1.50	-
5260MHz	Pass	PK	5.1496G	62.57	74.00	-11.43	3	Horizontal	354	1.50	-
5260MHz	Pass	PK	5.2684G	126.84	Inf	-Inf	3	Horizontal	354	1.50	-
5260MHz	Pass	PK	5.3938G	62.50	74.00	-11.50	3	Horizontal	354	1.50	-
5260MHz	Pass	AV	3.50668G	46.93	54.00	-7.07	3	Vertical	18	1.87	-
5260MHz	Pass	AV	15.78464G	47.29	54.00	-6.71	3	Vertical	127	2.08	-
5260MHz	Pass	PK	3.50652G	51.78	74.00	-22.22	3	Vertical	18	1.87	-
5260MHz	Pass	PK	10.52752G	64.13	68.20	-4.07	3	Vertical	25	2.26	-
5260MHz	Pass	PK	15.77396G	59.94	74.00	-14.06	3	Vertical	127	2.08	-
5260MHz	Pass	AV	3.50668G	52.97	54.00	-1.03	3	Horizontal	169	1.47	-
5260MHz	Pass	AV	15.7782G	46.86	54.00	-7.14	3	Horizontal	282	1.78	-
5260MHz	Pass	PK	3.50669G	55.57	74.00	-18.43	3	Horizontal	169	1.47	-
5260MHz	Pass	PK	10.52748G	64.24	68.20	-3.96	3	Horizontal	236	1.22	-
5260MHz	Pass	PK	15.78588G	59.72	74.00	-14.28	3	Horizontal	282	1.78	-
5300MHz	Pass	AV	5.3072G	108.09	Inf	-Inf	3	Vertical	355	2.04	-
5300MHz	Pass	AV	5.35G	51.41	54.00	-2.59	3	Vertical	355	2.04	-
5300MHz	Pass	PK	5.3066G	118.97	Inf	-Inf	3	Vertical	355	2.04	-
5300MHz	Pass	PK	5.354G	72.25	74.00	-1.75	3	Vertical	355	2.04	-
5300MHz	Pass	AV	5.3072G	107.42	Inf	-Inf	3	Horizontal	17	1.50	-
5300MHz	Pass	AV	5.3504G	52.03	54.00	-1.97	3	Horizontal	17	1.50	-
5300MHz	Pass	PK	5.3084G	119.20	Inf	-Inf	3	Horizontal	17	1.50	-
5300MHz	Pass	PK	5.35G	73.76	74.00	-0.24	3	Horizontal	17	1.50	-
5300MHz	Pass	AV	3.53333G	47.67	54.00	-6.33	3	Vertical	318	1.12	-
5300MHz	Pass	AV	15.89838G	47.68	54.00	-6.32	3	Vertical	319	2.68	-
5300MHz	Pass	PK	3.53336G	52.11	74.00	-21.89	3	Vertical	318	1.12	-
5300MHz	Pass	PK	10.59478G	59.68	68.20	-8.52	3	Vertical	20	1.50	-
5300MHz	Pass	PK	15.8916G	61.07	74.00	-12.93	3	Vertical	319	2.68	-
5300MHz	Pass	AV	3.53333G	51.15	54.00	-2.85	3	Horizontal	305	1.10	-
5300MHz	Pass	AV	15.89142G	47.52	54.00	-6.48	3	Horizontal	316	1.50	-
5300MHz	Pass	PK	3.5334G	54.28	74.00	-19.72	3	Horizontal	305	1.10	-
5300MHz	Pass	PK	10.58542G	59.31	68.20	-8.89	3	Horizontal	143	1.50	-
5300MHz	Pass	PK	15.89022G	60.31	74.00	-13.69	3	Horizontal	316	1.50	-
5320MHz	Pass	AV	5.3122G	104.86	Inf	-Inf	3	Vertical	359	1.95	-
5320MHz	Pass	AV	5.3506G	50.73	54.00	-3.27	3	Vertical	359	1.95	-
5320MHz	Pass	PK	5.3134G	116.73	Inf	-Inf	3	Vertical	359	1.95	-
5320MHz	Pass	PK	5.4682G	61.16	68.20	-7.04	3	Vertical	359	1.95	-
5320MHz	Pass	AV	5.3272G	105.93	Inf	-Inf	3	Horizontal	15	1.25	-
5320MHz	Pass	AV	5.35G	53.26	54.00	-0.74	3	Horizontal	15	1.25	-
5320MHz	Pass	PK	5.3284G	117.65	Inf	-Inf	3	Horizontal	15	1.25	-

Remark :

Page No. : D2 of D76

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

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