

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	-1.29	-1.33	-2.74	-1.03	4.47	19.98	20.49	36.00
5200MHz	Pass	16.02	-1.72	-1.38	-2.85	-1.06	4.32	19.98	20.34	36.00
5240MHz	Pass	16.02	-2.01	-1.13	-3.27	-1.41	4.14	19.98	20.16	36.00
5260MHz	Pass	16.02	6.73	7.71	6.32	7.59	13.15	13.98	29.17	30.00
5300MHz	Pass	16.02	7.23	8.05	6.99	8.22	13.67	13.98	29.69	30.00
5320MHz	Pass	16.02	7.07	8.05	5.53	7.31	13.10	13.98	29.12	30.00
5500MHz	Pass	16.02	8.28	8.09	6.68	8.22	13.89	13.98	29.91	30.00
5580MHz	Pass	16.02	7.36	7.83	5.96	7.72	13.30	13.98	29.32	30.00
5640MHz	Pass	16.02	8.26	8.25	6.74	7.79	13.82	13.98	29.84	30.00
5745MHz	Pass	16.02	13.88	13.70	12.24	13.81	19.48	19.98	35.50	36.00
5785MHz	Pass	16.02	14.15	14.10	11.24	14.69	19.75	19.98	35.77	36.00
5825MHz	Pass	16.02	14.51	14.11	12.68	14.27	19.97	19.98	35.99	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	-1.57	-0.98	-2.45	-1.03	4.55	19.98	20.57	36.00
5230MHz	Pass	16.02	-1.53	-0.82	-2.71	-1.00	4.57	19.98	20.59	36.00
5270MHz	Pass	16.02	7.98	7.95	6.05	8.20	13.65	13.98	29.67	30.00
5310MHz	Pass	16.02	8.28	7.91	5.92	7.43	13.49	13.98	29.51	30.00
5510MHz	Pass	16.02	8.31	7.44	6.48	7.78	13.57	13.98	29.59	30.00
5550MHz	Pass	16.02	8.26	8.60	6.94	7.54	13.90	13.98	29.92	30.00
5630MHz	Pass	16.02	7.15	7.50	6.18	7.71	13.19	13.98	29.21	30.00
5755MHz	Pass	16.02	12.93	13.90	11.75	13.21	19.04	19.98	35.06	36.00
5795MHz	Pass	16.02	13.98	14.33	12.89	14.20	19.91	19.98	35.93	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-0.90	-0.57	-2.33	-0.62	4.97	19.98	20.99	36.00
5290MHz	Pass	16.02	8.18	8.15	6.61	7.45	13.66	13.98	29.68	30.00
5530MHz	Pass	16.02	7.77	7.83	6.72	7.81	13.58	13.98	29.60	30.00
5610MHz	Pass	16.02	8.33	8.43	6.77	7.96	13.94	13.98	29.96	30.00
5775MHz	Pass	16.02	13.96	13.98	12.97	13.98	19.76	19.98	35.78	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	13.01	3.61	5.52			7.68	22.99	20.69	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	13.01			4.33	4.74	7.55	16.99	20.56	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	13.01	10.49	11.30	9.39	11.17	16.67	16.99	29.68	30.00

DG = Directional Gain; Port X = Port X output power



Average Power (Antenna Gain 15 dBi) Non-Beamforming Indoor Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	14.76	0.02992	29.76	0.94624
802.11ac VHT20_Nss1,(MCS0)_4TX	14.88	0.03076	29.88	0.97275
802.11ac VHT40_Nss1,(MCS0)_4TX	17.53	0.05662	32.53	1.79061
802.11ac VHT80_Nss1,(MCS0)_4TX	15.13	0.03258	30.13	1.03039
802.11ac VHT80+80_Nss2,(MCS0)_4TX	14.44	0.02780	29.44	0.87902
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	8.79	0.00757	23.79	0.23933
802.11ac VHT20_Nss1,(MCS0)_4TX	8.56	0.00718	23.56	0.22699
802.11ac VHT40_Nss1,(MCS0)_4TX	11.57	0.01435	26.57	0.45394
802.11ac VHT80_Nss1,(MCS0)_4TX	14.89	0.03083	29.89	0.97499
802.11ac VHT80+80_Nss2,(MCS0)_4TX	14.68	0.02938	29.68	0.92897
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	8.55	0.00716	23.55	0.22646
802.11ac VHT20_Nss1,(MCS0)_4TX	8.57	0.00719	23.57	0.22751
802.11ac VHT40_Nss1,(MCS0)_4TX	11.81	0.01517	26.81	0.47973
802.11ac VHT80_Nss1,(MCS0)_4TX	14.91	0.03097	29.91	0.97949
802.11ac VHT80+80_Nss1,(MCS0)_4TX	14.66	0.02924	29.66	0.92470
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.93	0.12388	35.93	3.91742
802.11ac VHT20_Nss1,(MCS0)_4TX	20.98	0.12531	35.98	3.96278
802.11ac VHT40_Nss1,(MCS0)_4TX	20.79	0.11995	35.79	3.79315
802.11ac VHT80_Nss1,(MCS0)_4TX	20.50	0.11220	35.50	3.54813

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.00	8.55	8.39	8.01	9.03	14.53	21.00	29.53	36.00
5200MHz	Pass	15.00	8.62	8.55	8.37	9.36	14.76	21.00	29.76	36.00
5240MHz	Pass	15.00	8.41	8.61	8.01	9.07	14.56	21.00	29.56	36.00
5260MHz	Pass	15.00	2.72	2.64	2.91	2.80	8.79	14.84	23.79	29.84
5300MHz	Pass	15.00	2.36	2.21	3.12	2.62	8.61	14.82	23.61	29.82
5320MHz	Pass	15.00	2.31	2.47	2.66	2.43	8.49	14.88	23.49	29.88
5500MHz	Pass	15.00	2.44	2.34	2.58	2.46	8.48	14.84	23.48	29.84
5580MHz	Pass	15.00	2.16	2.21	1.96	2.03	8.11	14.90	23.11	29.90
5640MHz	Pass	15.00	1.66	2.77	2.67	2.92	8.55	14.83	23.55	29.83
5745MHz	Pass	15.00	14.72	14.28	14.79	14.97	20.72	21.00	35.72	36.00
5785MHz	Pass	15.00	14.79	14.63	14.82	14.57	20.72	21.00	35.72	36.00
5825MHz	Pass	15.00	14.26	14.84	15.13	15.35	20.93	21.00	35.93	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.00	8.92	8.61	8.50	9.34	14.88	21.00	29.88	36.00
5200MHz	Pass	15.00	8.77	8.48	8.19	9.23	14.71	21.00	29.71	36.00
5240MHz	Pass	15.00	8.45	8.53	7.97	9.04	14.53	21.00	29.53	36.00
5260MHz	Pass	15.00	2.23	2.44	2.78	2.70	8.56	15.00	23.56	30.00
5300MHz	Pass	15.00	1.98	2.14	2.75	2.29	8.32	15.00	23.32	30.00
5320MHz	Pass	15.00	2.28	2.31	2.59	2.22	8.37	15.00	23.37	30.00
5500MHz	Pass	15.00	2.08	2.39	2.34	2.26	8.29	15.00	23.29	30.00
5580MHz	Pass	15.00	2.57	2.77	2.30	2.53	8.57	15.00	23.57	30.00
5640MHz	Pass	15.00	1.30	2.48	2.54	2.84	8.35	15.00	23.35	30.00
5745MHz	Pass	15.00	14.99	14.66	15.02	14.72	20.87	21.00	35.87	36.00
5785MHz	Pass	15.00	15.17	14.61	15.16	14.86	20.98	21.00	35.98	36.00
5825MHz	Pass	15.00	14.23	14.60	15.01	15.29	20.82	21.00	35.82	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	15.00	11.05	11.43	11.25	12.21	17.53	21.00	32.53	36.00
5230MHz	Pass	15.00	11.36	11.53	11.07	11.54	17.40	21.00	32.40	36.00
5270MHz	Pass	15.00	5.02	4.98	5.65	5.61	11.35	15.00	26.35	30.00
5310MHz	Pass	15.00	5.61	5.19	5.88	5.47	11.57	15.00	26.57	30.00
5510MHz	Pass	15.00	5.52	5.83	5.70	5.18	11.58	15.00	26.58	30.00
5550MHz	Pass	15.00	5.94	5.60	5.53	4.93	11.54	15.00	26.54	30.00
5630MHz	Pass	15.00	4.94	6.25	5.85	5.99	11.81	15.00	26.81	30.00
5755MHz	Pass	15.00	14.32	14.41	14.71	14.87	20.60	21.00	35.60	36.00
5795MHz	Pass	15.00	14.81	14.60	15.07	14.60	20.79	21.00	35.79	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	15.00	9.44	8.88	8.32	9.66	15.13	21.00	30.13	36.00
5290MHz	Pass	15.00	8.85	8.49	8.82	9.29	14.89	15.00	29.89	30.00
5530MHz	Pass	15.00	9.01	9.08	8.68	8.76	14.91	15.00	29.91	30.00
5610MHz	Pass	15.00	8.32	9.26	8.47	8.89	14.77	15.00	29.77	30.00
5775MHz	Pass	15.00	14.07	14.20	14.41	15.14	20.50	21.00	35.50	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	15.00	11.29	11.56			14.44	21.00	29.44	36.00



Average Power (Antenna Gain 15 dBi) Non-Beamforming_Indoor Appendix C.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	15.00			11.79	11.55	14.68	15.00	29.68	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	15.00	8.48	8.86	8.49	8.73	14.66	15.00	29.66	30.00

DG = Directional Gain; **Port X** = Port X output power



Average Power (Antenna Gain 15 dBi) Non-Beamforming_Outdoor Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	5.76	0.00377	20.76	0.11912
802.11ac VHT20_Nss1,(MCS0)_4TX	5.98	0.00396	20.98	0.12531
802.11ac VHT40_Nss1,(MCS0)_4TX	5.89	0.00388	20.89	0.12274
802.11ac VHT80_Nss1,(MCS0)_4TX	4.41	0.00276	19.41	0.08730
802.11ac VHT80+80_Nss2,(MCS0)_4TX	5.64	0.00366	20.64	0.11588
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	8.79	0.00757	23.79	0.23933
802.11ac VHT20_Nss1,(MCS0)_4TX	8.56	0.00718	23.56	0.22699
802.11ac VHT40_Nss1,(MCS0)_4TX	11.57	0.01435	26.57	0.45394
802.11ac VHT80_Nss1,(MCS0)_4TX	14.89	0.03083	29.89	0.97499
802.11ac VHT80+80_Nss2,(MCS0)_4TX	5.91	0.00390	20.91	0.12331
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	8.55	0.00716	23.55	0.22646
802.11ac VHT20_Nss1,(MCS0)_4TX	8.57	0.00719	23.57	0.22751
802.11ac VHT40_Nss1,(MCS0)_4TX	11.81	0.01517	26.81	0.47973
802.11ac VHT80_Nss1,(MCS0)_4TX	14.91	0.03097	29.91	0.97949
802.11ac VHT80+80_Nss1,(MCS0)_4TX	14.66	0.02924	29.66	0.92470
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.93	0.12388	35.93	3.91742
802.11ac VHT20_Nss1,(MCS0)_4TX	20.98	0.12531	35.98	3.96278
802.11ac VHT40_Nss1,(MCS0)_4TX	20.79	0.11995	35.79	3.79315
802.11ac VHT80_Nss1,(MCS0)_4TX	20.50	0.11220	35.50	3.54813



Average Power (Antenna Gain 15 dBi) Non-Beamforming Outdoor Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.00	-0.68	0.12	0.04	-0.58	5.76	21.00	20.76	36.00
5200MHz	Pass	15.00	-0.47	-0.71	-0.55	0.03	5.60	21.00	20.60	36.00
5240MHz	Pass	15.00	-0.24	-0.19	-0.89	0.08	5.72	21.00	20.72	36.00
5260MHz	Pass	15.00	2.72	2.64	2.91	2.80	8.79	14.87	23.79	29.87
5300MHz	Pass	15.00	2.36	2.21	3.12	2.62	8.61	14.82	23.61	29.82
5320MHz	Pass	15.00	2.31	2.47	2.66	2.43	8.49	14.88	23.49	29.88
5500MHz	Pass	15.00	2.44	2.34	2.58	2.46	8.48	14.84	23.48	29.84
5580MHz	Pass	15.00	2.16	2.21	1.96	2.03	8.11	14.90	23.11	29.90
5640MHz	Pass	15.00	1.66	2.77	2.67	2.92	8.55	14.83	23.55	29.83
5745MHz	Pass	15.00	14.72	14.28	14.79	14.97	20.72	21.00	35.72	36.00
5785MHz	Pass	15.00	14.79	14.63	14.82	14.57	20.72	21.00	35.72	36.00
5825MHz	Pass	15.00	14.26	14.84	15.13	15.35	20.93	21.00	35.93	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	15.00	-0.61	0.02	0.07	-0.40	5.80	21.00	20.80	36.00
5200MHz	Pass	15.00	-0.23	-0.55	-0.35	0.34	5.84	21.00	20.84	36.00
5240MHz	Pass	15.00	0.04	0.12	-0.62	0.23	5.98	21.00	20.98	36.00
5260MHz	Pass	15.00	2.23	2.44	2.78	2.70	8.56	15.00	23.56	30.00
5300MHz	Pass	15.00	1.98	2.14	2.75	2.29	8.32	15.00	23.32	30.00
5320MHz	Pass	15.00	2.28	2.31	2.59	2.22	8.37	15.00	23.37	30.00
5500MHz	Pass	15.00	2.08	2.39	2.34	2.26	8.29	15.00	23.29	30.00
5580MHz	Pass	15.00	2.57	2.77	2.30	2.53	8.57	15.00	23.57	30.00
5640MHz	Pass	15.00	1.30	2.48	2.54	2.84	8.35	15.00	23.35	30.00
5745MHz	Pass	15.00	14.99	14.66	15.02	14.72	20.87	21.00	35.87	36.00
5785MHz	Pass	15.00	15.17	14.61	15.16	14.86	20.98	21.00	35.98	36.00
5825MHz	Pass	15.00	14.23	14.60	15.01	15.29	20.82	21.00	35.82	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	15.00	-0.28	-0.10	-0.25	-0.06	5.85	21.00	20.85	36.00
5230MHz	Pass	15.00	0.00	-0.11	-0.76	0.27	5.89	21.00	20.89	36.00
5270MHz	Pass	15.00	5.02	4.98	5.65	5.61	11.35	15.00	26.35	30.00
5310MHz	Pass	15.00	5.61	5.19	5.88	5.47	11.57	15.00	26.57	30.00
5510MHz	Pass	15.00	5.52	5.83	5.70	5.18	11.58	15.00	26.58	30.00
5550MHz	Pass	15.00	5.94	5.60	5.53	4.93	11.54	15.00	26.54	30.00
5630MHz	Pass	15.00	4.94	6.25	5.85	5.99	11.81	15.00	26.81	30.00
5755MHz	Pass	15.00	14.32	14.41	14.71	14.87	20.60	21.00	35.60	36.00
5795MHz	Pass	15.00	14.81	14.60	15.07	14.60	20.79	21.00	35.79	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	15.00	-1.60	-2.11	-1.94	-0.88	4.41	21.00	19.41	36.00
5290MHz	Pass	15.00	8.85	8.49	8.82	9.29	14.89	15.00	29.89	30.00
5530MHz	Pass	15.00	9.01	9.08	8.68	8.76	14.91	15.00	29.91	30.00
5610MHz	Pass	15.00	8.32	9.26	8.47	8.89	14.77	15.00	29.77	30.00
5775MHz	Pass	15.00	14.07	14.20	14.41	15.14	20.50	21.00	35.50	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	15.00	2.43	2.82			5.64	21.00	20.64	36.00



Average Power (Antenna Gain 15 dBi) Non-Beamforming_Outdoor Appendix C.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	15.00			2.94	2.86	5.91	15.00	20.91	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	15.00	8.48	8.86	8.49	8.73	14.66	15.00	29.66	30.00

DG = Directional Gain; **Port X** = Port X output power

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.37	0.02735	35.39	3.45939
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	14.57	0.02864	35.59	3.62243
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	14.45	0.02786	35.47	3.52371
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	12.29	0.01694	30.30	1.07152
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	7.43	0.00553	28.45	0.69984
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.87	0.00771	29.89	0.97499
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	8.54	0.00714	29.56	0.90365
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	11.27	0.01340	29.28	0.84723
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.41	0.00693	29.43	0.87700
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.86	0.00769	29.88	0.97275
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	8.56	0.00718	29.58	0.90782
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	11.59	0.01442	29.60	0.91201
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.67	0.02931	35.69	3.70681
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	14.59	0.02877	35.61	3.63915
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	14.91	0.03097	35.93	3.91742

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	8.82	8.28	7.41	8.73	14.37	14.98	35.39	36.00
5200MHz	Pass	21.02	8.16	7.34	6.82	7.99	13.63	14.98	34.65	36.00
5240MHz	Pass	21.02	7.98	8.16	7.40	8.14	13.95	14.98	34.97	36.00
5260MHz	Pass	21.02	1.75	1.92	0.65	1.19	7.43	8.98	28.45	30.00
5300MHz	Pass	21.02	0.39	0.77	0.26	0.98	6.63	8.98	27.65	30.00
5320MHz	Pass	21.02	0.57	0.74	-0.59	0.04	6.24	8.98	27.26	30.00
5500MHz	Pass	21.02	2.56	2.35	2.03	2.61	8.41	8.98	29.43	30.00
5580MHz	Pass	21.02	1.52	2.44	3.11	2.31	8.40	8.98	29.42	30.00
5640MHz	Pass	21.02	2.17	2.90	2.14	2.07	8.35	8.98	29.37	30.00
5745MHz	Pass	21.02	8.62	8.70	8.48	8.80	14.67	14.98	35.69	36.00
5785MHz	Pass	21.02	8.01	8.72	7.74	8.65	14.32	14.98	35.34	36.00
5825MHz	Pass	21.02	8.34	8.66	8.29	8.32	14.43	14.98	35.45	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	8.36	7.81	8.00	8.02	14.07	14.98	35.09	36.00
5230MHz	Pass	21.02	8.75	8.54	7.86	8.97	14.57	14.98	35.59	36.00
5270MHz	Pass	21.02	1.82	2.13	2.23	2.95	8.32	8.98	29.34	30.00
5310MHz	Pass	21.02	2.87	2.48	2.71	3.31	8.87	8.98	29.89	30.00
5510MHz	Pass	21.02	2.44	2.28	2.48	1.95	8.31	8.98	29.33	30.00
5550MHz	Pass	21.02	2.31	2.74	2.55	1.56	8.33	8.98	29.35	30.00
5630MHz	Pass	21.02	2.51	3.02	2.43	3.33	8.86	8.98	29.88	30.00
5755MHz	Pass	21.02	8.53	8.79	8.73	8.21	14.59	14.98	35.61	36.00
5795MHz	Pass	21.02	8.23	8.93	7.26	8.20	14.22	14.98	35.24	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	7.88	8.66	7.35	9.51	14.45	14.98	35.47	36.00
5290MHz	Pass	21.02	2.62	2.74	2.22	2.49	8.54	8.98	29.56	30.00
5530MHz	Pass	21.02	2.33	2.09	2.36	1.86	8.19	8.98	29.21	30.00
5610MHz	Pass	21.02	2.31	2.67	2.31	2.84	8.56	8.98	29.58	30.00
5775MHz	Pass	21.02	8.69	9.03	8.87	8.96	14.91	14.98	35.93	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	9.65	8.87			12.29	17.99	30.30	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			7.89	8.60	11.27	11.99	29.28	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	4.28	6.33	5.90	5.49	11.59	11.99	29.60	30.00

DG = Directional Gain; **Port X** = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-0.05	0.00099	20.97	0.12503
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-0.25	0.00094	20.77	0.11940
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.45	0.00090	20.57	0.11402
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	2.20	0.00166	20.21	0.10495
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	7.43	0.00553	28.45	0.69984
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.87	0.00771	29.89	0.97499
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	8.54	0.00714	29.56	0.90365
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	1.36	0.00137	19.37	0.08650
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.41	0.00693	29.43	0.87700
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.86	0.00769	29.88	0.97275
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	8.56	0.00718	29.58	0.90782
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	11.59	0.01442	29.60	0.91201
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.67	0.02931	35.69	3.70681
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	14.59	0.02877	35.61	3.63915
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	14.91	0.03097	35.93	3.91742

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-6.18	-6.22	-6.42	-6.08	-0.20	14.98	20.82	36.00
5200MHz	Pass	21.02	-6.23	-6.46	-6.07	-5.57	-0.05	14.98	20.97	36.00
5240MHz	Pass	21.02	-5.79	-6.35	-6.04	-6.25	-0.08	14.98	20.94	36.00
5260MHz	Pass	21.02	1.75	1.92	0.65	1.19	7.43	8.98	28.45	30.00
5300MHz	Pass	21.02	0.39	0.77	0.26	0.98	6.63	8.98	27.65	30.00
5320MHz	Pass	21.02	0.57	0.74	-0.59	0.04	6.24	8.98	27.26	30.00
5500MHz	Pass	21.02	2.56	2.35	2.03	2.61	8.41	8.98	29.43	30.00
5580MHz	Pass	21.02	1.52	2.44	3.11	2.31	8.40	8.98	29.42	30.00
5640MHz	Pass	21.02	2.17	2.90	2.14	2.07	8.35	8.98	29.37	30.00
5745MHz	Pass	21.02	8.62	8.70	8.48	8.80	14.67	14.98	35.69	36.00
5785MHz	Pass	21.02	8.01	8.72	7.74	8.65	14.32	14.98	35.34	36.00
5825MHz	Pass	21.02	8.34	8.66	8.29	8.32	14.43	14.98	35.45	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	-6.22	-6.39	-6.37	-6.10	-0.25	14.98	20.77	36.00
5230MHz	Pass	21.02	-6.74	-6.79	-6.71	-6.80	-0.74	14.98	20.28	36.00
5270MHz	Pass	21.02	1.82	2.13	2.23	2.95	8.32	8.98	29.34	30.00
5310MHz	Pass	21.02	2.87	2.48	2.71	3.31	8.87	8.98	29.89	30.00
5510MHz	Pass	21.02	2.44	2.28	2.48	1.95	8.31	8.98	29.33	30.00
5550MHz	Pass	21.02	2.31	2.74	2.55	1.56	8.33	8.98	29.35	30.00
5630MHz	Pass	21.02	2.51	3.02	2.43	3.33	8.86	8.98	29.88	30.00
5755MHz	Pass	21.02	8.53	8.79	8.73	8.21	14.59	14.98	35.61	36.00
5795MHz	Pass	21.02	8.23	8.93	7.26	8.20	14.22	14.98	35.24	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	-6.20	-7.31	-6.42	-6.04	-0.45	14.98	20.57	36.00
5290MHz	Pass	21.02	2.62	2.74	2.22	2.49	8.54	8.98	29.56	30.00
5530MHz	Pass	21.02	2.33	2.09	2.36	1.86	8.19	8.98	29.21	30.00
5610MHz	Pass	21.02	2.31	2.67	2.31	2.84	8.56	8.98	29.58	30.00
5775MHz	Pass	21.02	8.69	9.03	8.87	8.96	14.91	14.98	35.93	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	-1.23	-0.42			2.20	17.99	20.21	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			-1.46	-1.84	1.36	11.99	19.37	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	4.28	6.33	5.90	5.49	11.59	11.99	29.60	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.85	22.87
802.11ac VHT20_Nss1,(MCS0)_4TX	6.89	22.91
802.11ac VHT40_Nss1,(MCS0)_4TX	6.86	22.88
802.11ac VHT80_Nss1,(MCS0)_4TX	0.15	16.17
802.11ac VHT80+80_Nss2,(MCS0)_4TX	0.36	10.36
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.83	16.85
802.11ac VHT20_Nss1,(MCS0)_4TX	0.95	16.97
802.11ac VHT40_Nss1,(MCS0)_4TX	0.78	16.80
802.11ac VHT80_Nss1,(MCS0)_4TX	0.76	16.78
802.11ac VHT80+80_Nss2,(MCS0)_4TX	0.10	10.10
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.95	16.97
802.11ac VHT20_Nss1,(MCS0)_4TX	0.96	16.98
802.11ac VHT40_Nss1,(MCS0)_4TX	0.96	16.98
802.11ac VHT80_Nss1,(MCS0)_4TX	0.37	16.39
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-2.53	13.49
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.61	27.63
802.11ac VHT20_Nss1,(MCS0)_4TX	11.62	27.64
802.11ac VHT40_Nss1,(MCS0)_4TX	8.69	24.71
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.05	15.97

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	0.41	0.78	0.49	0.90	6.54	6.98	22.56	23.00
5200MHz	Pass	16.02	0.72	0.85	0.81	1.35	6.85	6.98	22.87	23.00
5240MHz	Pass	16.02	0.74	0.69	0.65	0.80	6.69	6.98	22.71	23.00
5260MHz	Pass	16.02	-4.93	-5.41	-5.54	-5.30	0.70	0.98	16.72	17.00
5300MHz	Pass	16.02	-4.91	-5.29	-5.03	-5.20	0.83	0.98	16.85	17.00
5320MHz	Pass	16.02	-5.69	-5.45	-5.59	-4.72	0.62	0.98	16.64	17.00
5500MHz	Pass	16.02	-5.52	-5.31	-5.02	-5.30	0.67	0.98	16.69	17.00
5580MHz	Pass	16.02	-6.19	-5.63	-5.49	-5.00	0.43	0.98	16.45	17.00
5640MHz	Pass	16.02	-5.72	-3.61	-5.22	-5.01	0.95	0.98	16.97	17.00
5745MHz	Pass	16.02	4.98	5.22	5.48	5.49	11.20	19.98	27.22	36.00
5785MHz	Pass	16.02	5.61	5.32	5.86	5.76	11.61	19.98	27.63	36.00
5825MHz	Pass	16.02	5.17	5.36	5.20	5.55	11.28	19.98	27.30	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	0.95	1.85	1.09	1.45	6.89	6.98	22.91	23.00
5200MHz	Pass	16.02	0.90	1.18	1.00	1.52	6.70	6.98	22.72	23.00
5240MHz	Pass	16.02	1.12	0.95	0.67	1.02	6.61	6.98	22.63	23.00
5260MHz	Pass	16.02	-5.14	-4.77	-4.95	-5.29	0.68	0.98	16.70	17.00
5300MHz	Pass	16.02	-4.27	-4.71	-4.30	-4.81	0.95	0.98	16.97	17.00
5320MHz	Pass	16.02	-5.02	-4.83	-4.82	-4.74	0.78	0.98	16.80	17.00
5500MHz	Pass	16.02	-5.62	-5.13	-4.84	-5.10	0.40	0.98	16.42	17.00
5580MHz	Pass	16.02	-5.61	-4.91	-4.72	-4.59	0.65	0.98	16.67	17.00
5640MHz	Pass	16.02	-5.18	-3.78	-4.93	-4.35	0.96	0.98	16.98	17.00
5745MHz	Pass	16.02	5.66	6.06	6.01	6.41	11.50	19.98	27.52	36.00
5785MHz	Pass	16.02	5.87	5.82	5.91	6.02	11.62	19.98	27.64	36.00
5825MHz	Pass	16.02	5.24	5.38	5.34	5.66	11.09	19.98	27.11	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	0.63	1.08	0.48	0.86	6.71	6.98	22.73	23.00
5230MHz	Pass	16.02	0.77	0.98	0.76	1.00	6.86	6.98	22.88	23.00
5270MHz	Pass	16.02	-5.54	-4.82	-5.30	-6.33	0.52	0.98	16.54	23.00
5310MHz	Pass	16.02	-5.20	-4.72	-4.92	-5.35	0.78	0.98	16.80	17.00
5510MHz	Pass	16.02	-5.15	-5.19	-4.82	-4.91	0.96	0.98	16.98	17.00
5550MHz	Pass	16.02	-5.27	-5.35	-5.06	-5.23	0.72	0.98	16.74	17.00
5630MHz	Pass	16.02	-5.86	-4.88	-5.12	-4.86	0.76	0.98	16.78	17.00
5755MHz	Pass	16.02	1.92	2.21	2.17	2.58	8.14	19.98	24.16	36.00
5795MHz	Pass	16.02	2.52	2.80	2.67	2.96	8.69	19.98	24.71	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-5.90	-5.61	-5.82	-5.37	0.15	6.98	16.17	23.00
5290MHz	Pass	16.02	-5.19	-4.74	-4.88	-5.58	0.76	0.98	16.78	17.00
5530MHz	Pass	16.02	-9.52	-9.31	-9.16	-9.67	-3.60	0.98	12.42	17.00
5610MHz	Pass	16.02	-5.85	-5.22	-5.68	-5.08	0.37	0.98	16.39	17.00
5775MHz	Pass	16.02	-6.69	-6.41	-5.85	-5.19	-0.05	19.98	15.97	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	10.00	-2.80	-2.44			0.36	13.00	10.36	23.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	10.00			-2.26	-3.65	0.10	7.00	10.10	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	16.02	-5.66	-5.60	-5.73	-5.29	-2.53	0.98	13.49	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

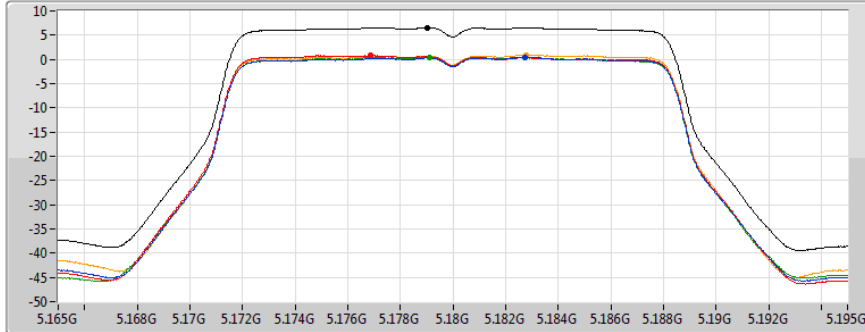
802.11a_Nss1,(6Mbps)_4TX

5180MHz

PSD

27/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	0.41	0.78	0.49	0.90

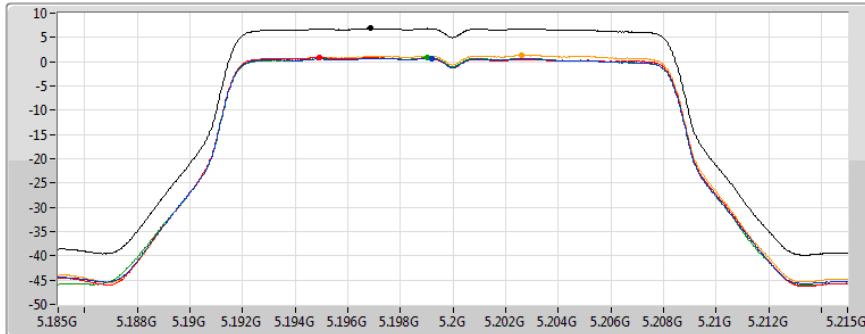
802.11a_Nss1,(6Mbps)_4TX

5200MHz

PSD

27/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	0.72	0.85	0.81	1.35

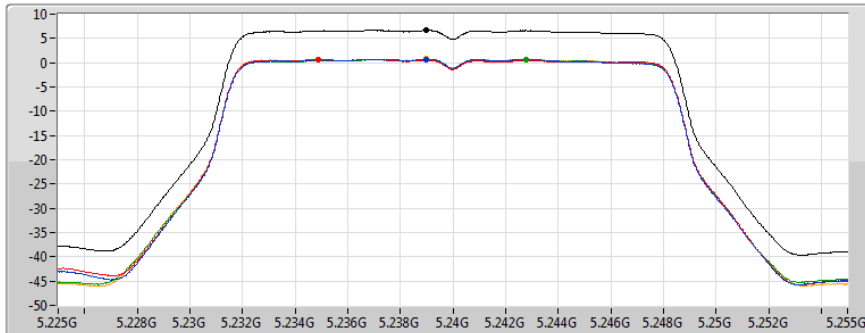
802.11a_Nss1,(6Mbps)_4TX

5240MHz

PSD

27/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.69	6.69	0.74	0.69	0.65	0.80

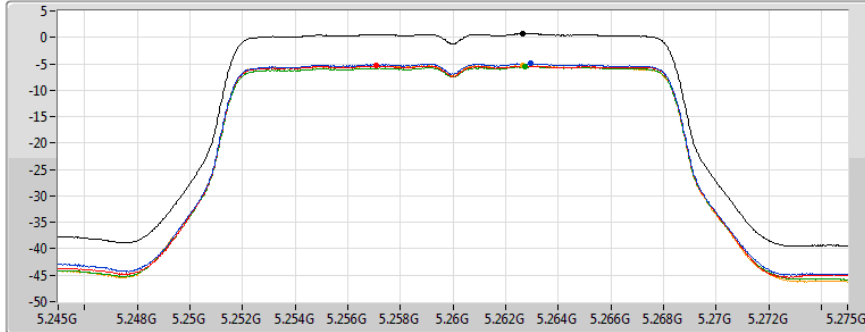
802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

27/12/2017

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-4.93	-5.41	-5.54	-5.30

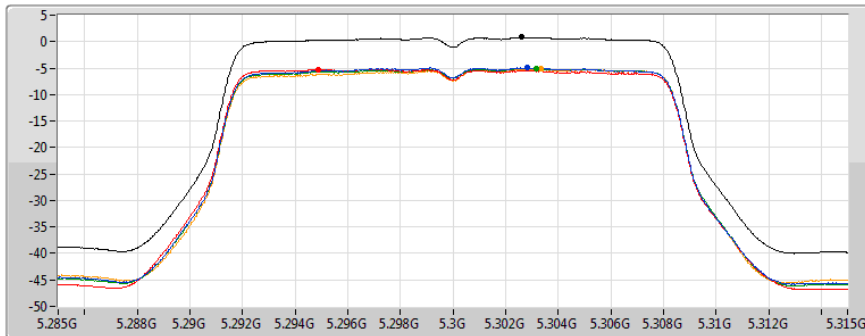
802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

27/12/2017

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.83	0.83	-4.91	-5.29	-5.03	-5.20

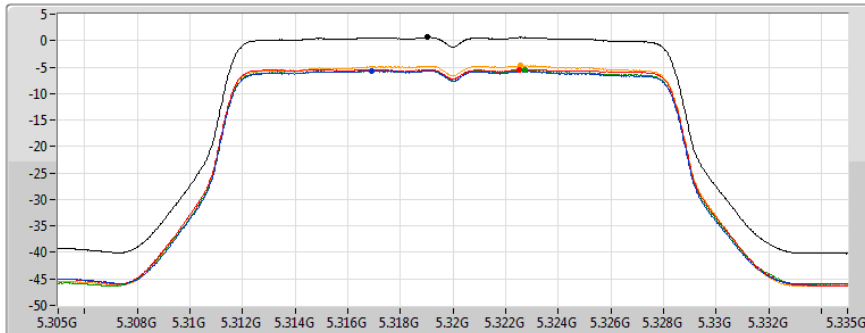
802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

27/12/2017

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-5.69	-5.45	-5.59	-4.72

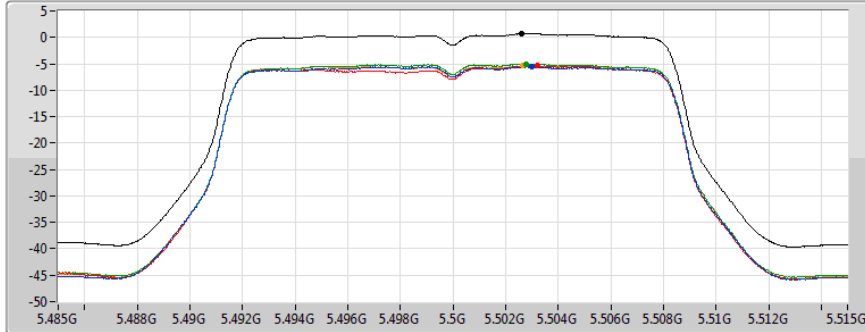
802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

26/12/2017

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	-5.52	-5.31	-5.02	-5.30

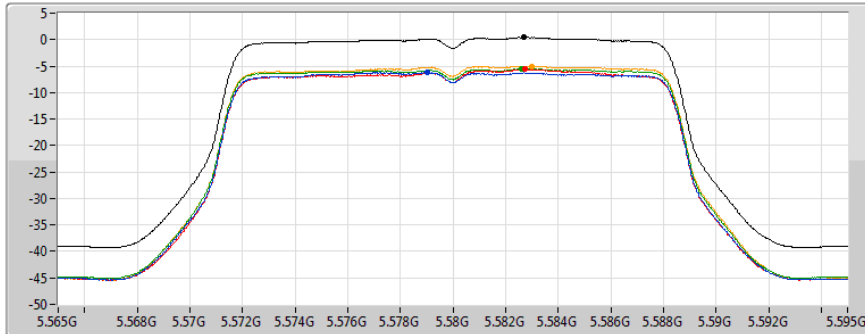
802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

26/12/2017

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-6.19	-5.63	-5.49	-5.00

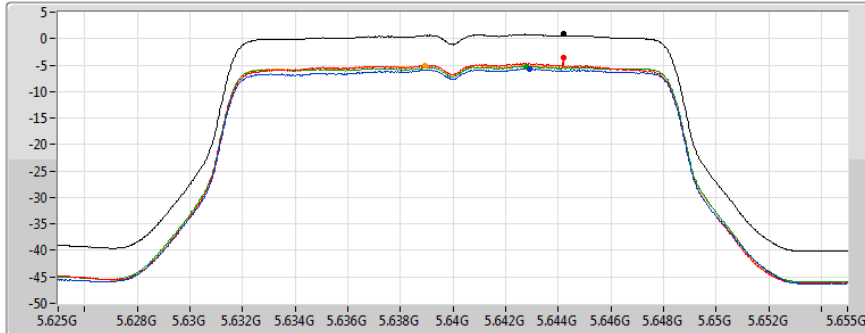
802.11a_Nss1,(6Mbps)_4TX

PSD

5640MHz

26/12/2017

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-5.72	-3.61	-5.22	-5.01

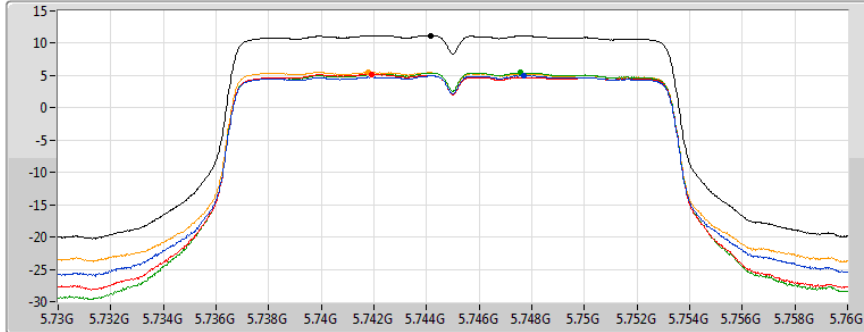
802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

26/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	4.98	5.22	5.48	5.49

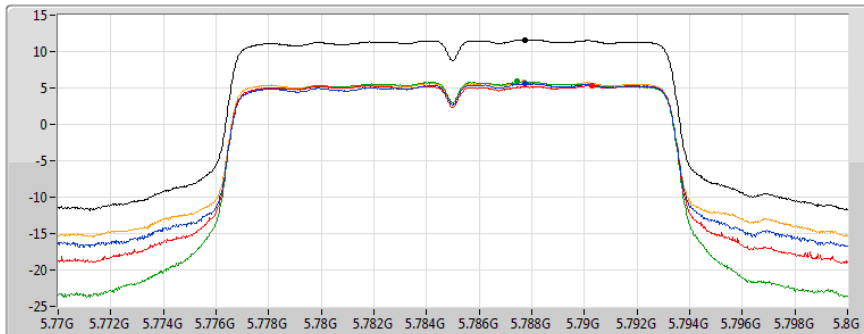
802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

26/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	5.61	5.32	5.86	5.76

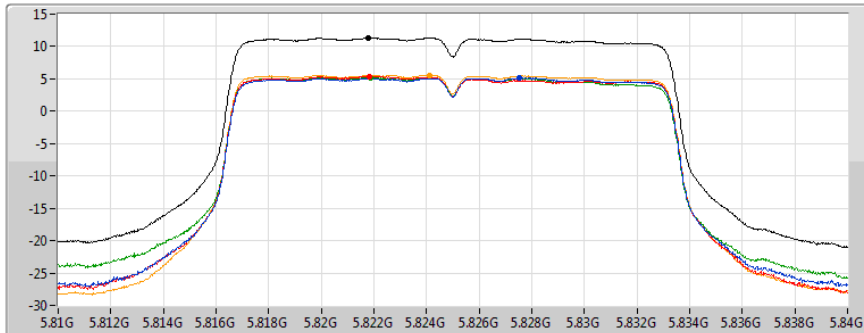
802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

26/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	5.17	5.36	5.20	5.55

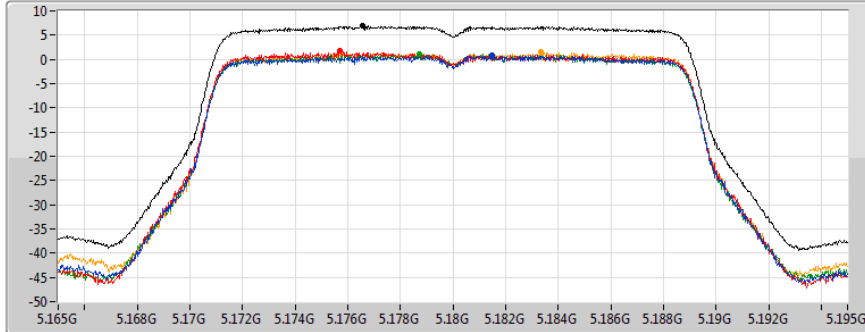
802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

PSD

27/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.89	6.89	0.95	1.85	1.09	1.45

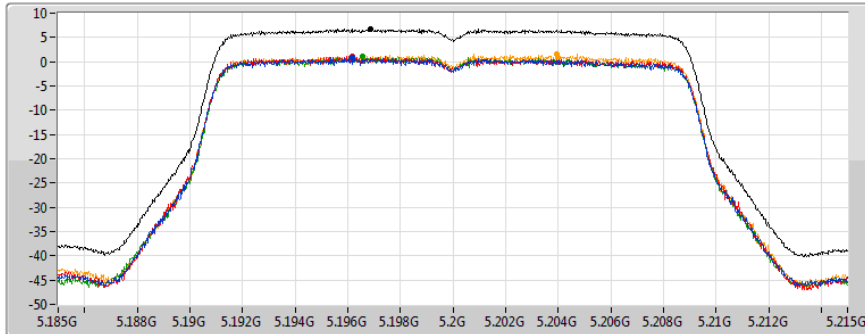
802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz

PSD

27/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.70	6.70	0.90	1.18	1.00	1.52

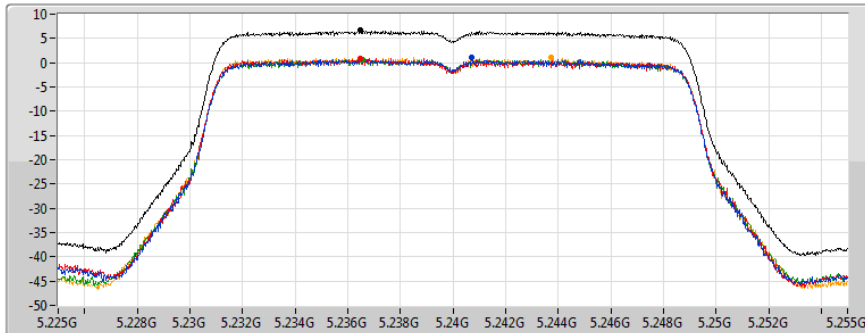
802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz

PSD

27/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	1.12	0.95	0.67	1.02

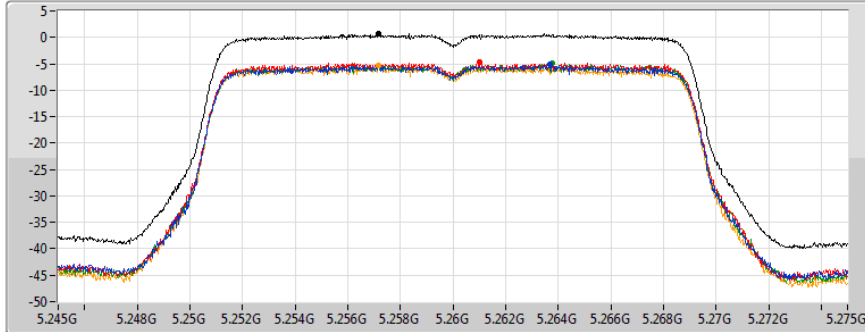
802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

27/12/2017

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	-5.14	-4.77	-4.95	-5.29

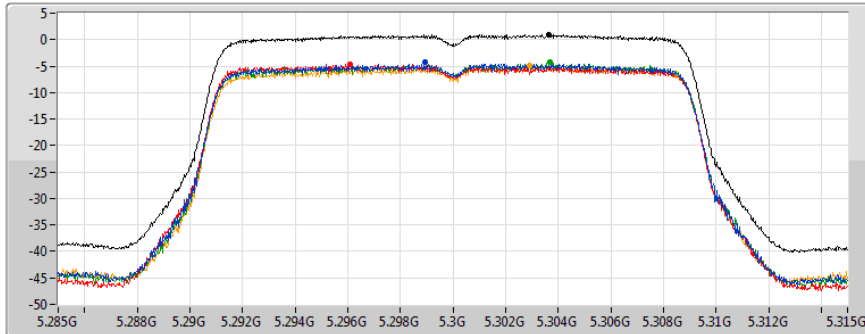
802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz

PSD

27/12/2017

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-4.27	-4.71	-4.30	-4.81

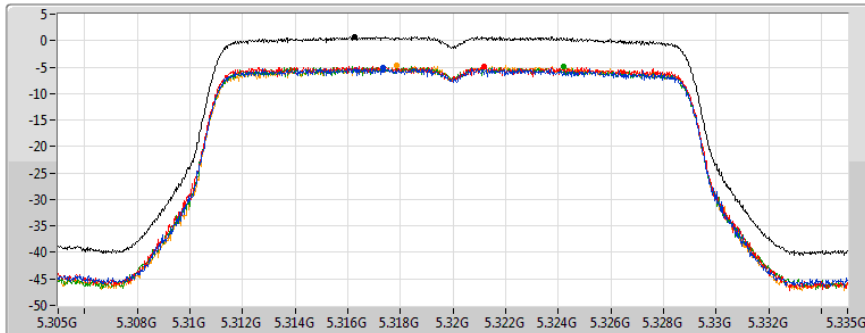
802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz

PSD

27/12/2017

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-5.02	-4.83	-4.82	-4.74

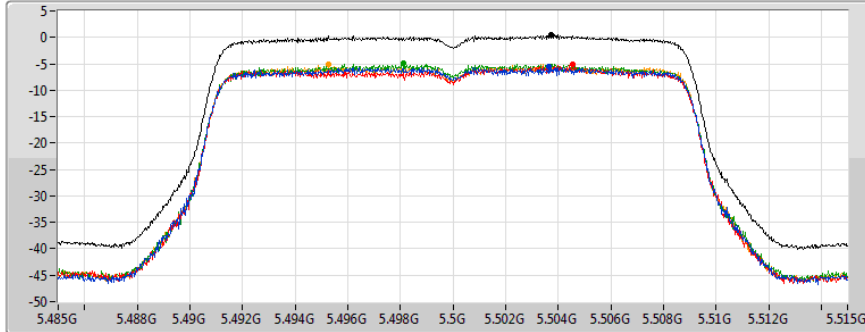
802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz

PSD

26/12/2017

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	-5.62	-5.13	-4.84	-5.10

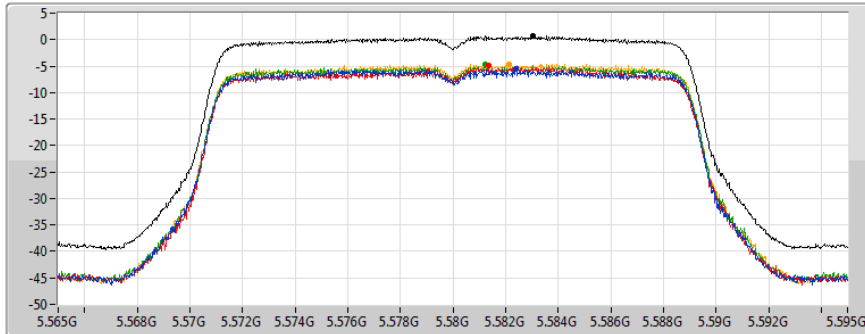
802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz

PSD

26/12/2017

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-5.61	-4.91	-4.72	-4.59

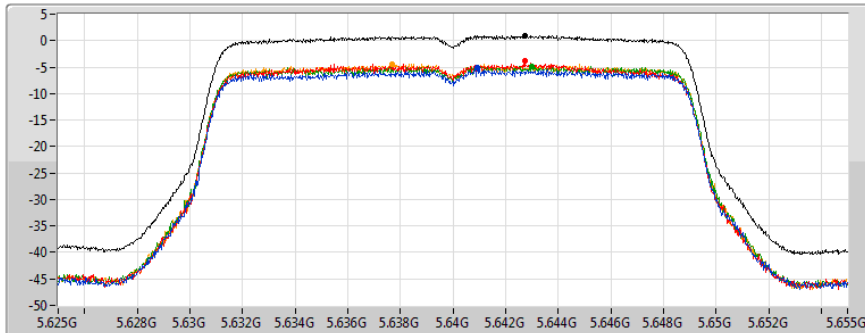
802.11ac VHT20_Nss1,(MCS0)_4TX

5640MHz

PSD

26/12/2017

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.96	0.96	-5.18	-3.78	-4.93	-4.35

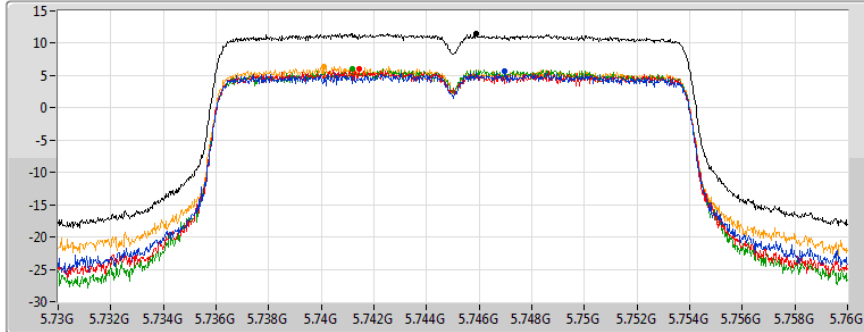
802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

26/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.50	11.50	5.66	6.06	6.01	6.41

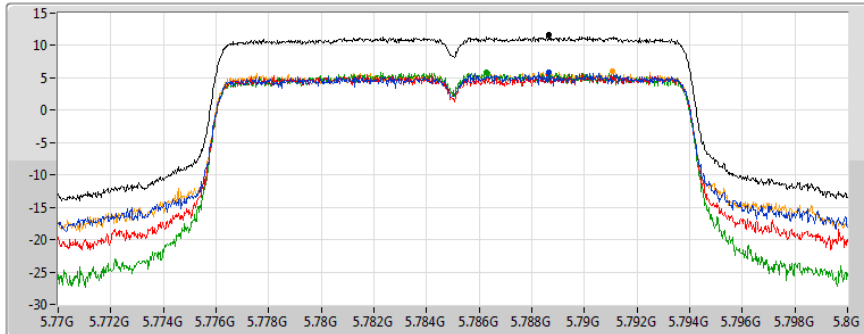
802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

26/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.62	11.62	5.87	5.82	5.91	6.02

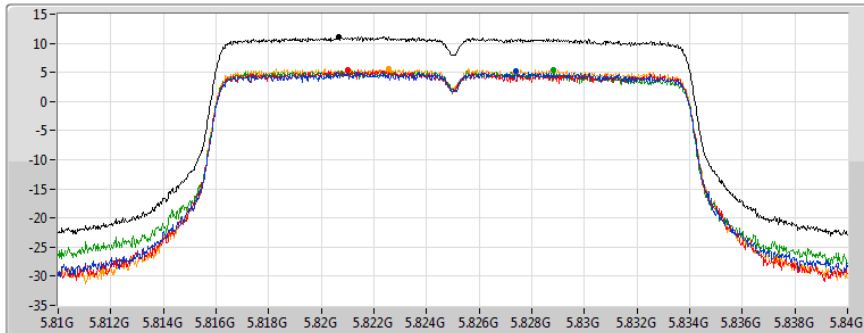
802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz

PSD

26/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.09	11.09	5.24	5.38	5.34	5.66

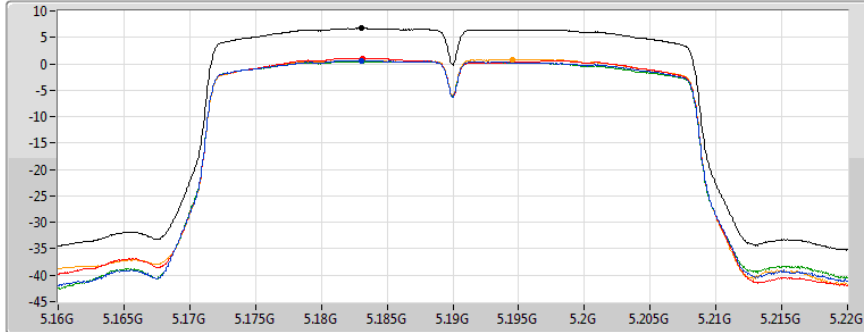
802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz

PSD

27/12/2017

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	0.63	1.08	0.48	0.86

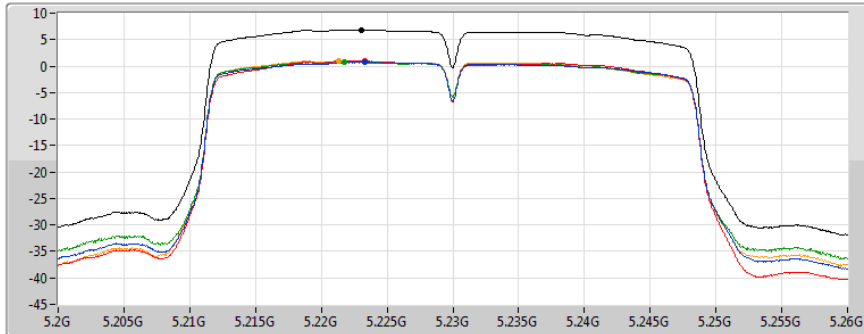
802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz

PSD

27/12/2017

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	0.77	0.98	0.76	1.00

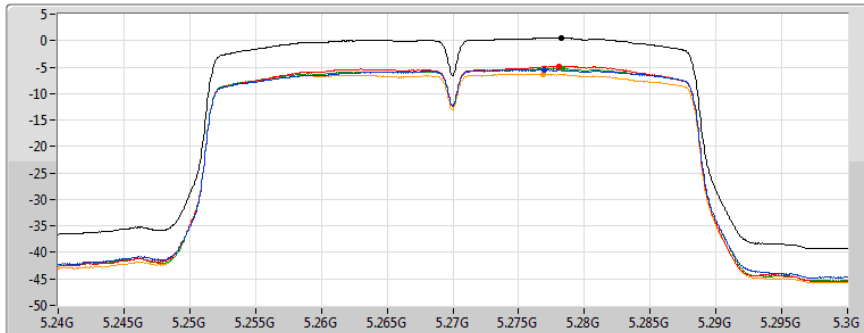
802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz

PSD

27/12/2017

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.52	0.52	-5.54	-4.82	-5.30	-6.33

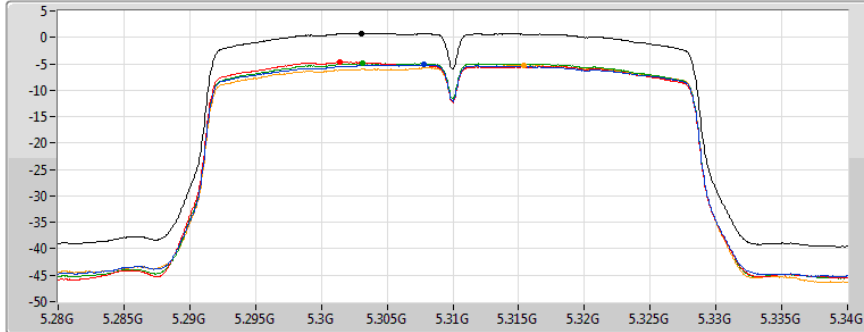
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

27/12/2017

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-5.20	-4.72	-4.92	-5.35

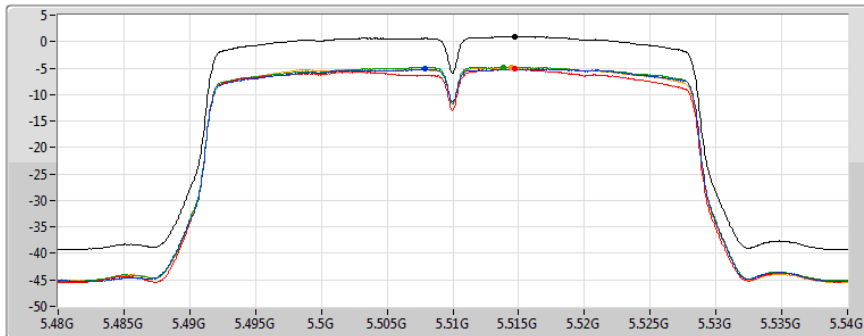
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

26/12/2017

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.96	0.96	-5.15	-5.19	-4.82	-4.91

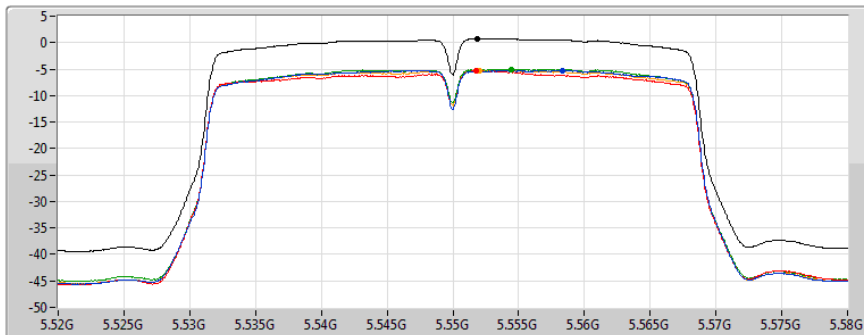
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

26/12/2017

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.72	0.72	-5.27	-5.35	-5.06	-5.23

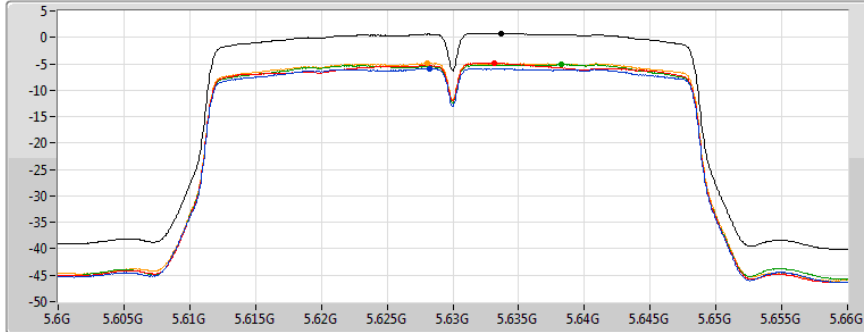
802.11ac VHT40_Nss1,(MCS0)_4TX

5630MHz

PSD

26/12/2017

Ch Freq
5.63GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-5.86	-4.88	-5.12	-4.86

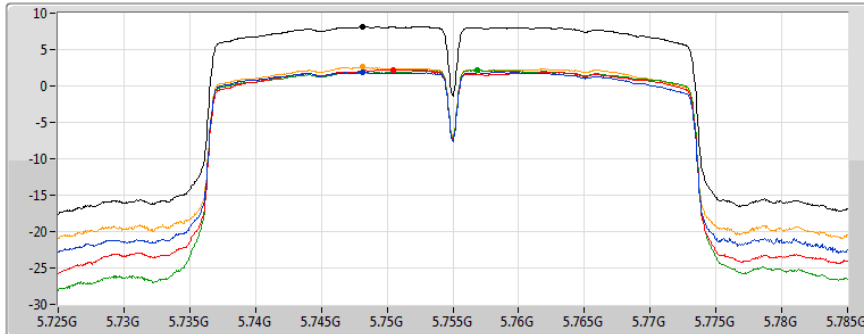
802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz

PSD

26/12/2017

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	1.92	2.21	2.17	2.58

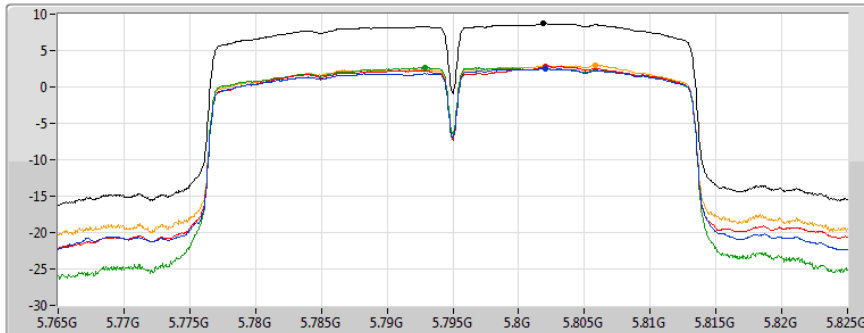
802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz

PSD

26/12/2017

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	2.52	2.80	2.67	2.96

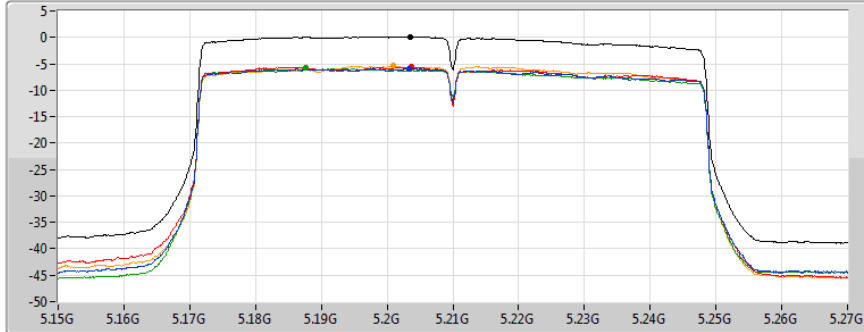
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

27/12/2017

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	-5.90	-5.61	-5.82	-5.37

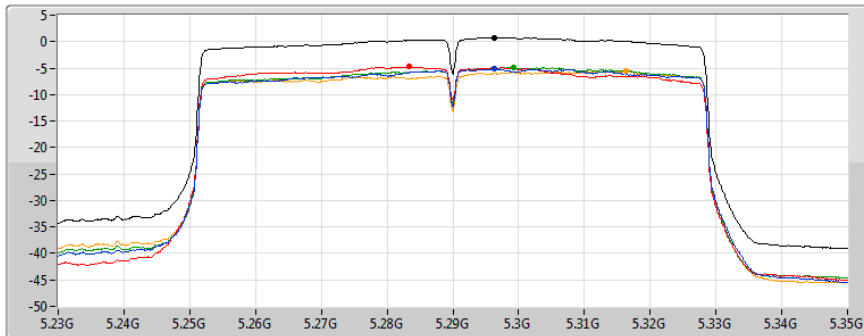
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

27/12/2017

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-5.19	-4.74	-4.88	-5.58

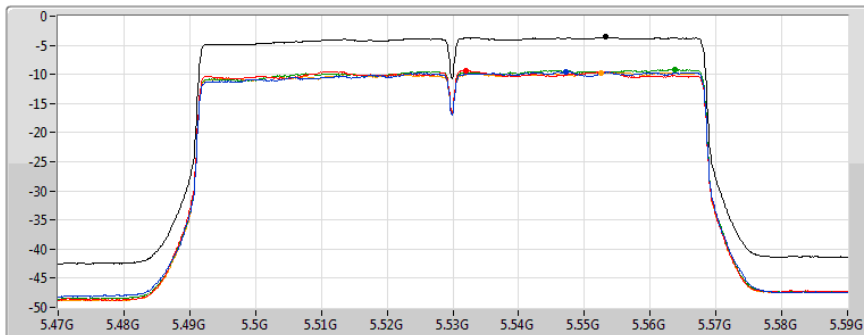
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

22/01/2018

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.60	-3.60	-9.52	-9.31	-9.16	-9.67

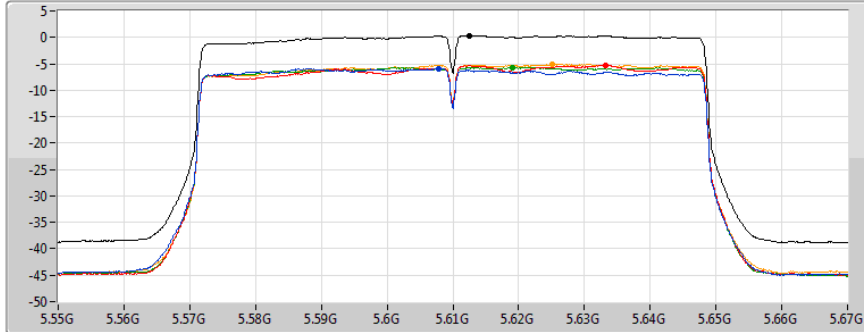
802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz

PSD

26/12/2017

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-5.85	-5.22	-5.68	-5.08

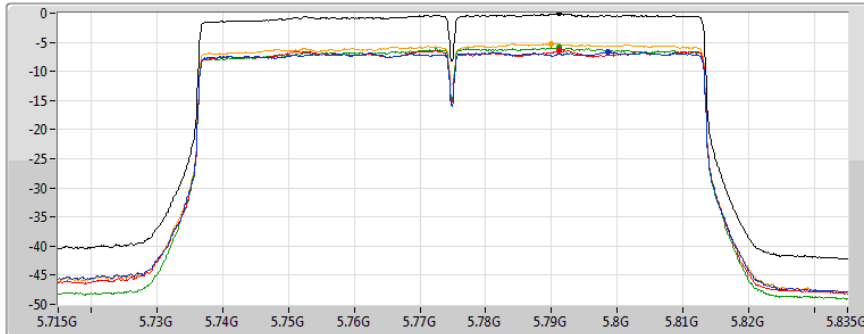
802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz

PSD

22/01/2018

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.05	-0.05	-6.69	-6.41	-5.85	-5.19

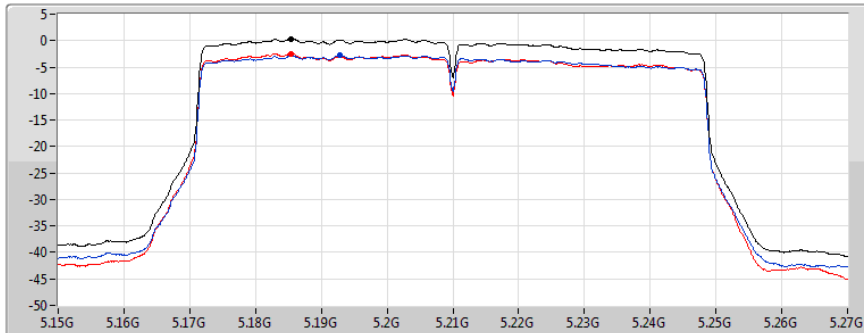
802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port1&Port2)

#5210MHz,5290MHz

PSD

28/12/2017

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
23s
Detector Type
RMS



Sum
Port 1
Port 2

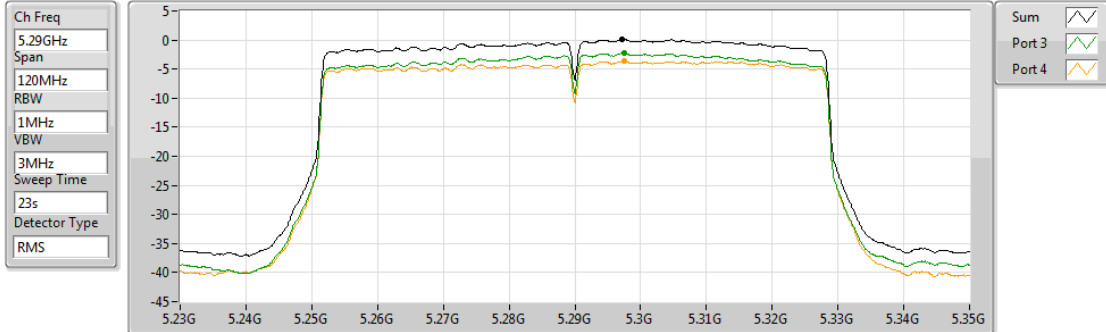
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.36	0.36	-2.80	-2.44

802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

28/12/2017



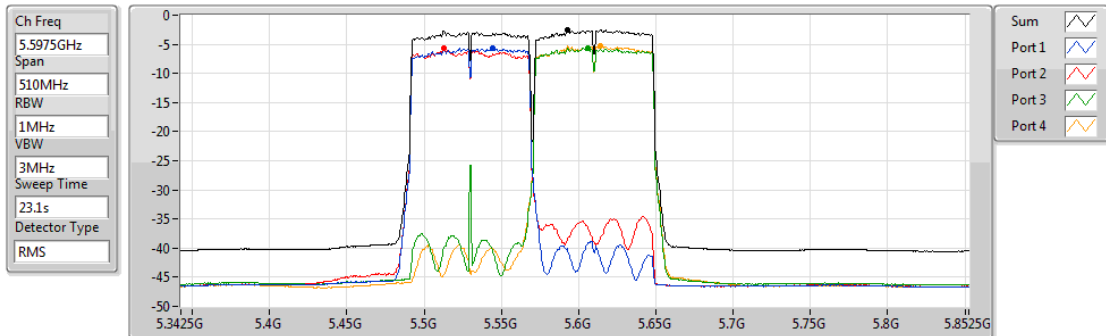
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10			-2.26	-3.65

802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

26/12/2017



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.53	-2.53	-5.66	-5.60	-5.73	-5.29

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-2.16	13.86
802.11ac VHT20_Nss1,(MCS0)_4TX	-2.08	13.94
802.11ac VHT40_Nss1,(MCS0)_4TX	-5.50	10.52
802.11ac VHT80_Nss1,(MCS0)_4TX	-8.52	7.50
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-8.62	4.39
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.83	16.85
802.11ac VHT20_Nss1,(MCS0)_4TX	0.95	16.97
802.11ac VHT40_Nss1,(MCS0)_4TX	0.78	16.80
802.11ac VHT80_Nss1,(MCS0)_4TX	0.76	16.78
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-8.37	4.64
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.95	16.97
802.11ac VHT20_Nss1,(MCS0)_4TX	0.96	16.98
802.11ac VHT40_Nss1,(MCS0)_4TX	0.96	16.98
802.11ac VHT80_Nss1,(MCS0)_4TX	0.37	16.39
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-2.53	13.49
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.61	27.63
802.11ac VHT20_Nss1,(MCS0)_4TX	11.62	27.64
802.11ac VHT40_Nss1,(MCS0)_4TX	8.69	24.71
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.05	15.97

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	-8.35	-8.36	-8.38	-8.05	-2.40	6.98	13.62	23.00
5200MHz	Pass	16.02	-8.06	-8.33	-8.27	-7.62	-2.16	6.98	13.86	23.00
5240MHz	Pass	16.02	-8.35	-8.43	-8.58	-8.15	-2.42	6.98	13.60	23.00
5260MHz	Pass	16.02	-4.93	-5.41	-5.54	-5.30	0.70	0.98	16.72	17.00
5300MHz	Pass	16.02	-4.91	-5.29	-5.03	-5.20	0.83	0.98	16.85	17.00
5320MHz	Pass	16.02	-5.69	-5.45	-5.59	-4.72	0.62	0.98	16.64	17.00
5500MHz	Pass	16.02	-5.52	-5.31	-5.02	-5.30	0.67	0.98	16.69	17.00
5580MHz	Pass	16.02	-6.19	-5.63	-5.49	-5.00	0.43	0.98	16.45	17.00
5640MHz	Pass	16.02	-5.72	-3.61	-5.22	-5.01	0.95	0.98	16.97	17.00
5745MHz	Pass	16.02	4.98	5.22	5.48	5.49	11.20	19.98	27.22	36.00
5785MHz	Pass	16.02	5.61	5.32	5.86	5.76	11.61	19.98	27.63	36.00
5825MHz	Pass	16.02	5.17	5.36	5.20	5.55	11.28	19.98	27.30	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	-7.79	-7.53	-7.68	-7.37	-2.08	6.98	13.94	23.00
5200MHz	Pass	16.02	-7.92	-8.01	-7.93	-7.44	-2.49	6.98	13.53	23.00
5240MHz	Pass	16.02	-7.88	-7.57	-7.96	-7.36	-2.11	6.98	13.91	23.00
5260MHz	Pass	16.02	-5.14	-4.77	-4.95	-5.29	0.68	0.98	16.70	17.00
5300MHz	Pass	16.02	-4.27	-4.71	-4.30	-4.81	0.95	0.98	16.97	17.00
5320MHz	Pass	16.02	-5.02	-4.83	-4.82	-4.74	0.78	0.98	16.80	17.00
5500MHz	Pass	16.02	-5.62	-5.13	-4.84	-5.10	0.40	0.98	16.42	17.00
5580MHz	Pass	16.02	-5.61	-4.91	-4.72	-4.59	0.65	0.98	16.67	17.00
5640MHz	Pass	16.02	-5.18	-3.78	-4.93	-4.35	0.96	0.98	16.98	17.00
5745MHz	Pass	16.02	5.66	6.06	6.01	6.41	11.50	19.98	27.52	36.00
5785MHz	Pass	16.02	5.87	5.82	5.91	6.02	11.62	19.98	27.64	36.00
5825MHz	Pass	16.02	5.24	5.38	5.34	5.66	11.09	19.98	27.11	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	-11.62	-11.50	-11.66	-11.17	-5.62	6.98	10.40	23.00
5230MHz	Pass	16.02	-11.42	-11.52	-11.61	-11.24	-5.50	6.98	10.52	23.00
5270MHz	Pass	16.02	-5.54	-4.82	-5.30	-6.33	0.52	0.98	16.54	23.00
5310MHz	Pass	16.02	-5.20	-4.72	-4.92	-5.35	0.78	0.98	16.80	17.00
5510MHz	Pass	16.02	-5.15	-5.19	-4.82	-4.91	0.96	0.98	16.98	17.00
5550MHz	Pass	16.02	-5.27	-5.35	-5.06	-5.23	0.72	0.98	16.74	17.00
5630MHz	Pass	16.02	-5.86	-4.88	-5.12	-4.86	0.76	0.98	16.78	17.00
5755MHz	Pass	16.02	1.92	2.21	2.17	2.58	8.14	19.98	24.16	36.00
5795MHz	Pass	16.02	2.52	2.80	2.67	2.96	8.69	19.98	24.71	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-14.43	-14.46	-14.54	-14.07	-8.52	6.98	7.50	23.00
5290MHz	Pass	16.02	-5.19	-4.74	-4.88	-5.58	0.76	0.98	16.78	17.00
5530MHz	Pass	16.02	-9.52	-9.31	-9.16	-9.67	-3.60	0.98	12.42	17.00
5610MHz	Pass	16.02	-5.85	-5.22	-5.68	-5.08	0.37	0.98	16.39	17.00
5775MHz	Pass	16.02	-6.69	-6.41	-5.85	-5.19	-0.05	19.98	15.97	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	13.01	-11.36	-11.58			-8.62	9.99	4.39	23.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	13.01			-11.37	-11.11	-8.37	3.99	4.64	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	16.02	-5.66	-5.60	-5.73	-5.29	-2.53	0.98	13.49	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

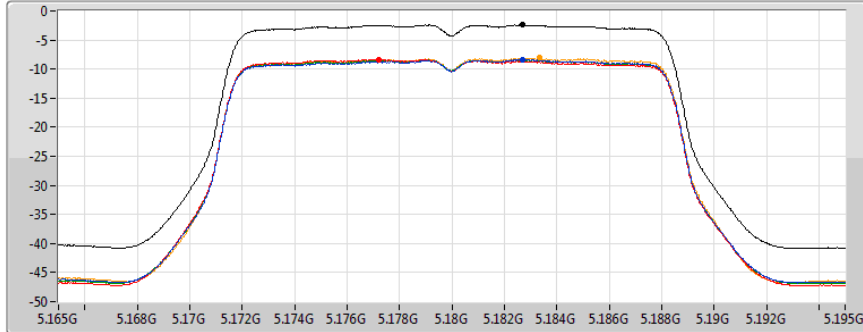
802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

27/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒
Port 3 ☒
Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.40	-2.40	-8.35	-8.36	-8.38	-8.05

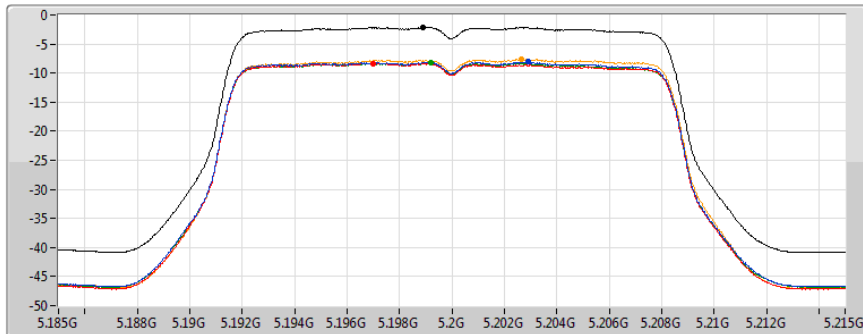
802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

27/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒
Port 3 ☒
Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.16	-2.16	-8.06	-8.33	-8.27	-7.62

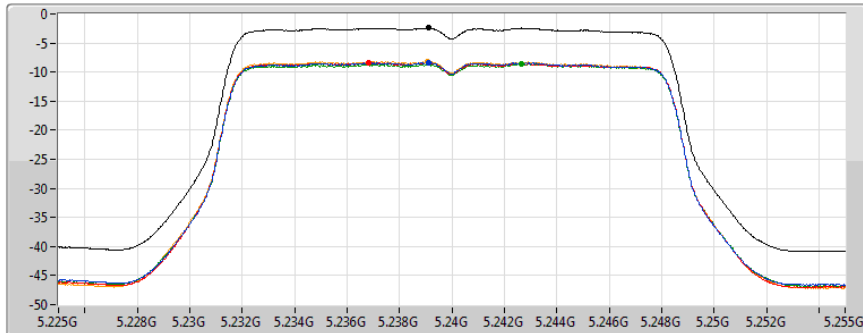
802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

27/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒
Port 3 ☒
Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.42	-2.42	-8.35	-8.43	-8.58	-8.15

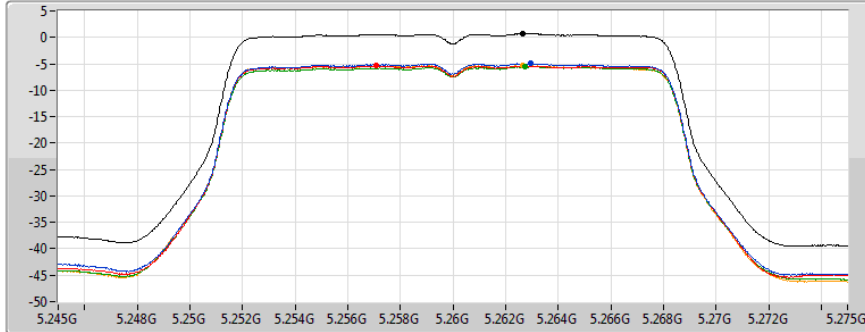
802.11a_Nss1,(6Mbps)_4TX

5260MHz

PSD

27/12/2017

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-4.93	-5.41	-5.54	-5.30

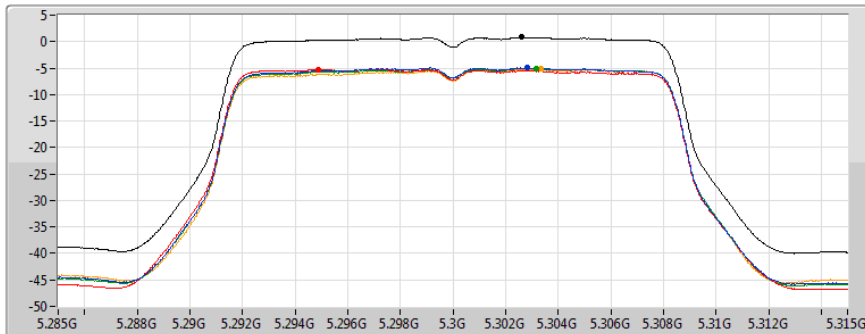
802.11a_Nss1,(6Mbps)_4TX

5300MHz

PSD

27/12/2017

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.83	0.83	-4.91	-5.29	-5.03	-5.20

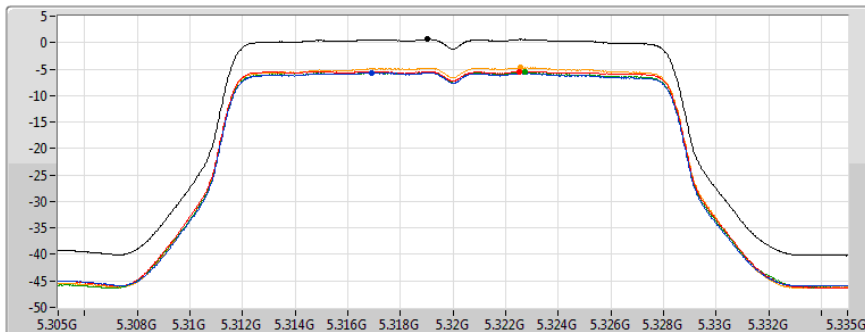
802.11a_Nss1,(6Mbps)_4TX

5320MHz

PSD

27/12/2017

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-5.69	-5.45	-5.59	-4.72

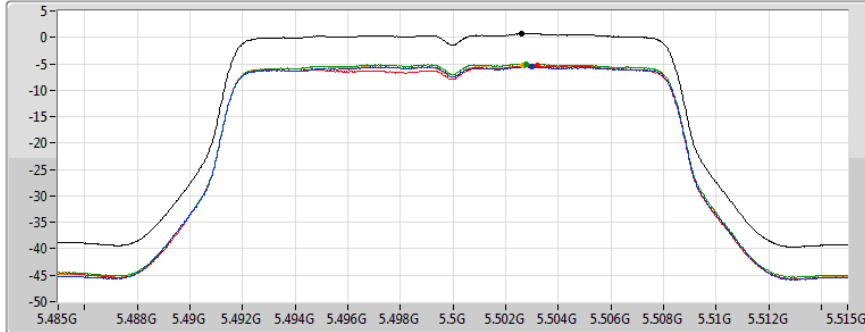
802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

26/12/2017

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	-5.52	-5.31	-5.02	-5.30

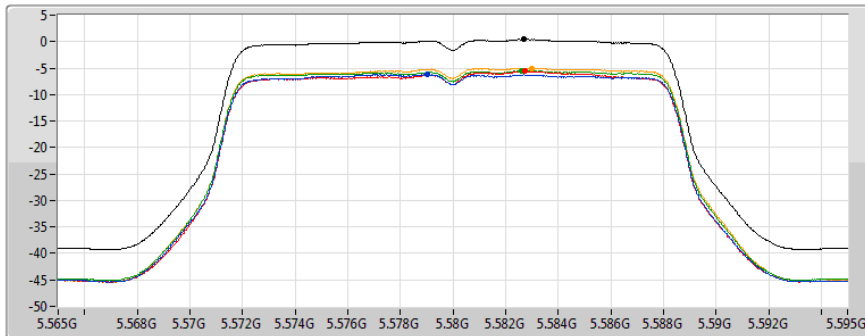
802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

26/12/2017

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-6.19	-5.63	-5.49	-5.00

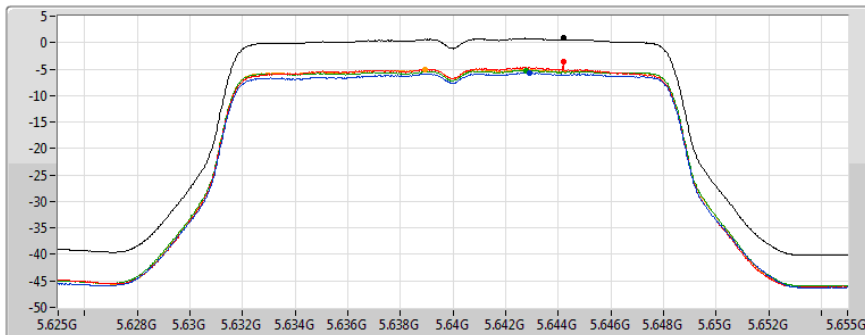
802.11a_Nss1,(6Mbps)_4TX

PSD

5640MHz

26/12/2017

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-5.72	-3.61	-5.22	-5.01

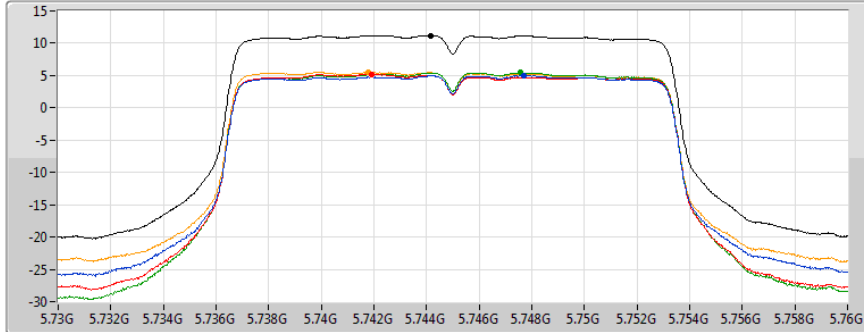
802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

26/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	4.98	5.22	5.48	5.49

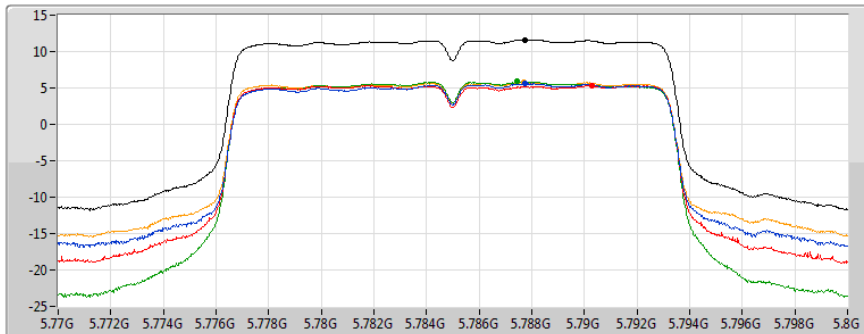
802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

26/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	5.61	5.32	5.86	5.76

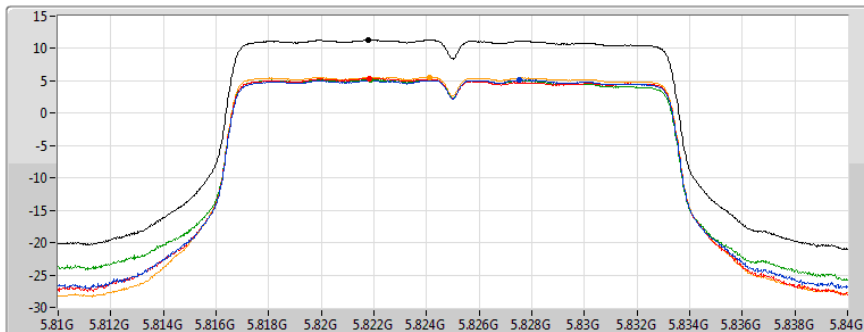
802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

26/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	5.17	5.36	5.20	5.55

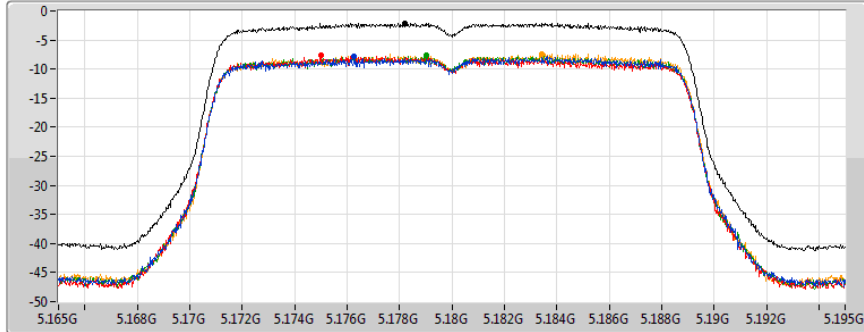
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

27/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.08	-2.08	-7.79	-7.53	-7.68	-7.37

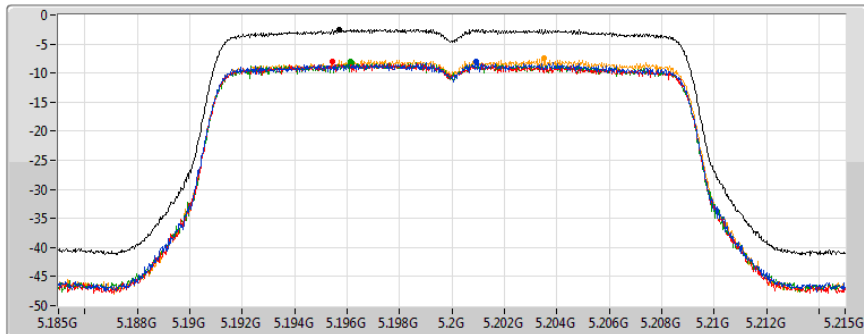
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

27/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.49	-2.49	-7.92	-8.01	-7.93	-7.44

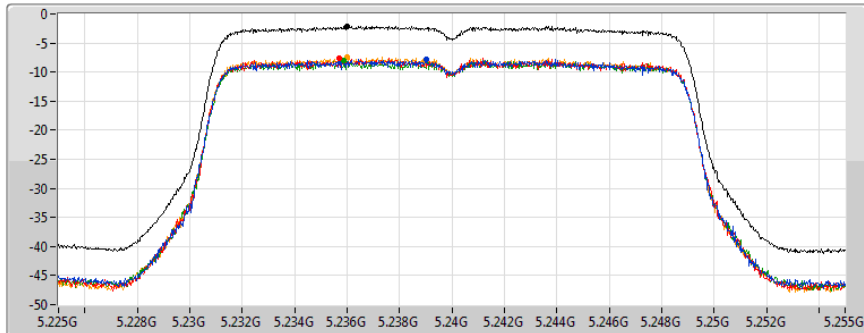
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

27/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.11	-2.11	-7.88	-7.57	-7.96	-7.36

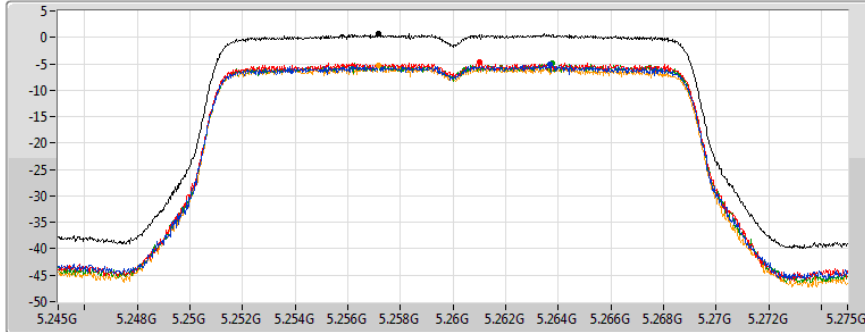
802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

27/12/2017

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	-5.14	-4.77	-4.95	-5.29

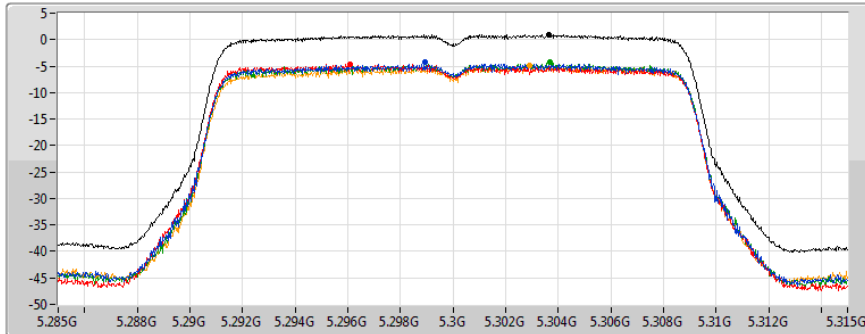
802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz

PSD

27/12/2017

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-4.27	-4.71	-4.30	-4.81

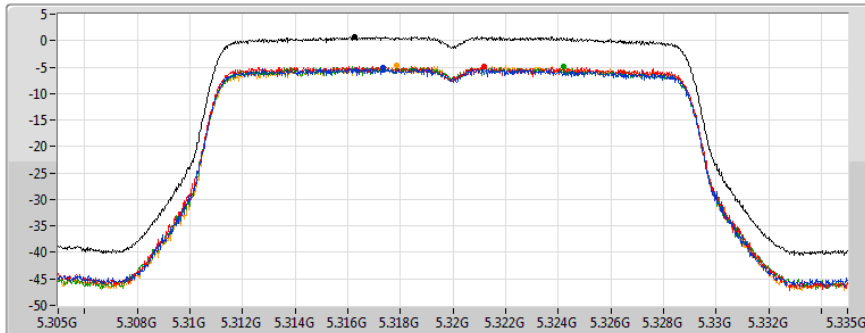
802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz

PSD

27/12/2017

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-5.02	-4.83	-4.82	-4.74

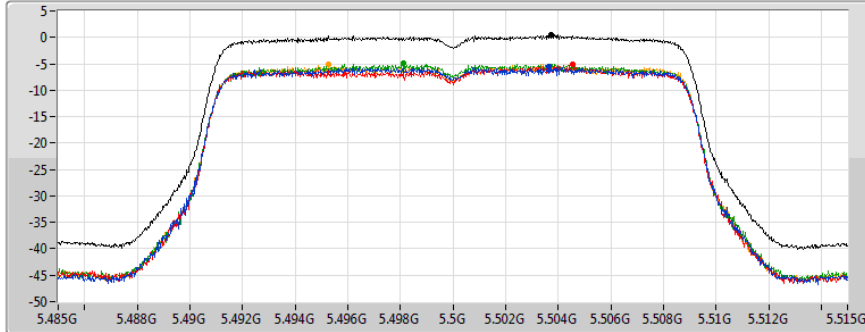
802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz

PSD

26/12/2017

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	-5.62	-5.13	-4.84	-5.10

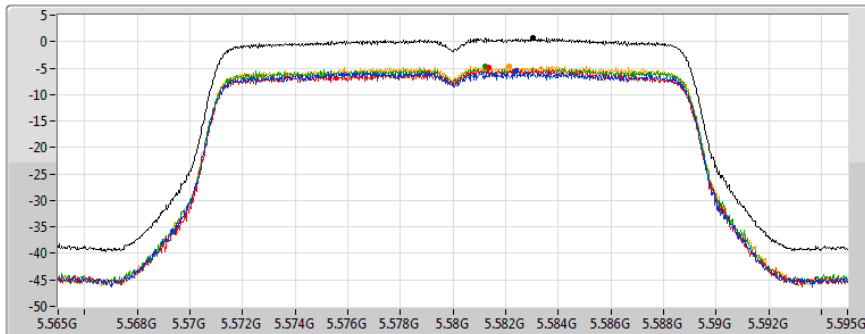
802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz

PSD

26/12/2017

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-5.61	-4.91	-4.72	-4.59

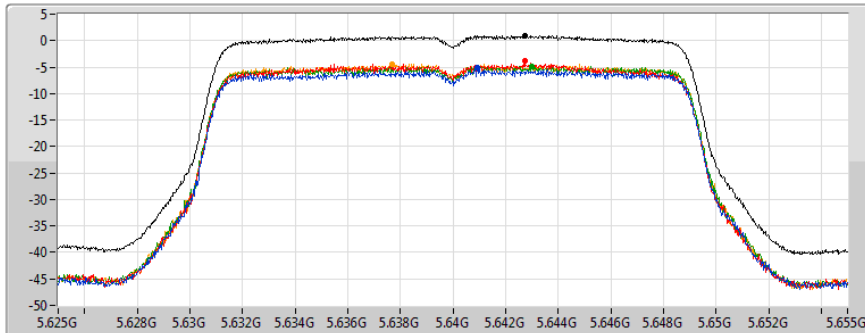
802.11ac VHT20_Nss1,(MCS0)_4TX

5640MHz

PSD

26/12/2017

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.96	0.96	-5.18	-3.78	-4.93	-4.35

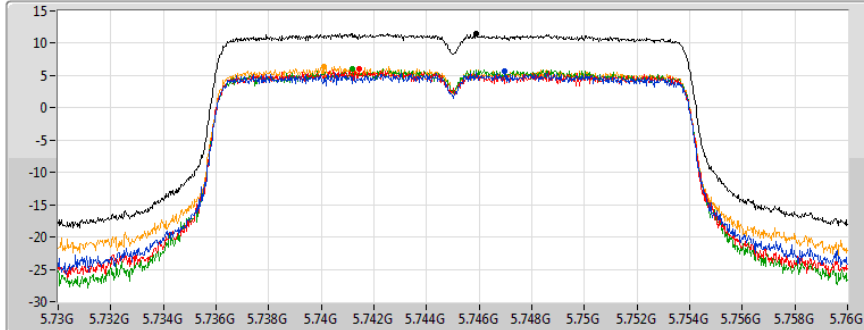
802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

26/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.50	11.50	5.66	6.06	6.01	6.41

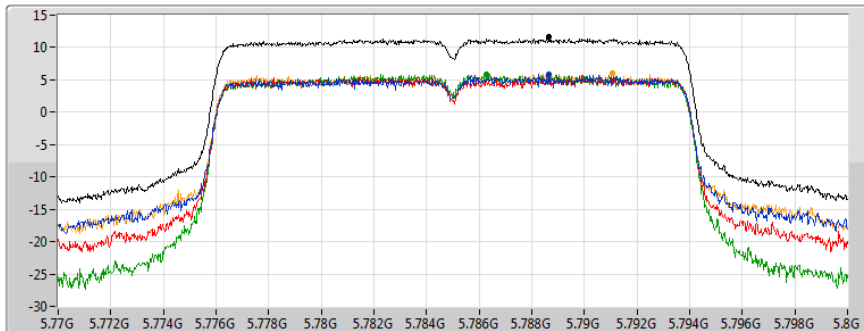
802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

26/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.62	11.62	5.87	5.82	5.91	6.02

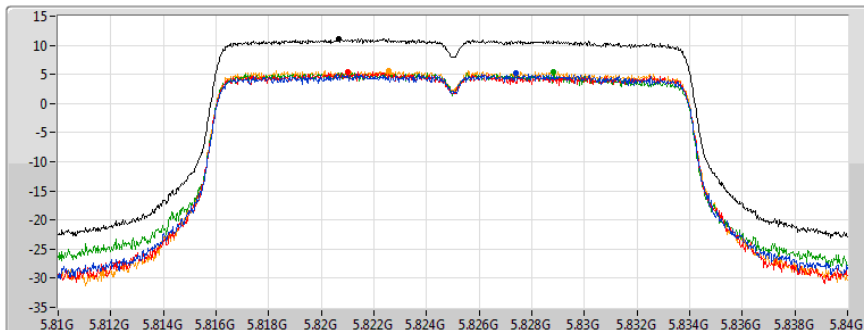
802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz

PSD

26/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

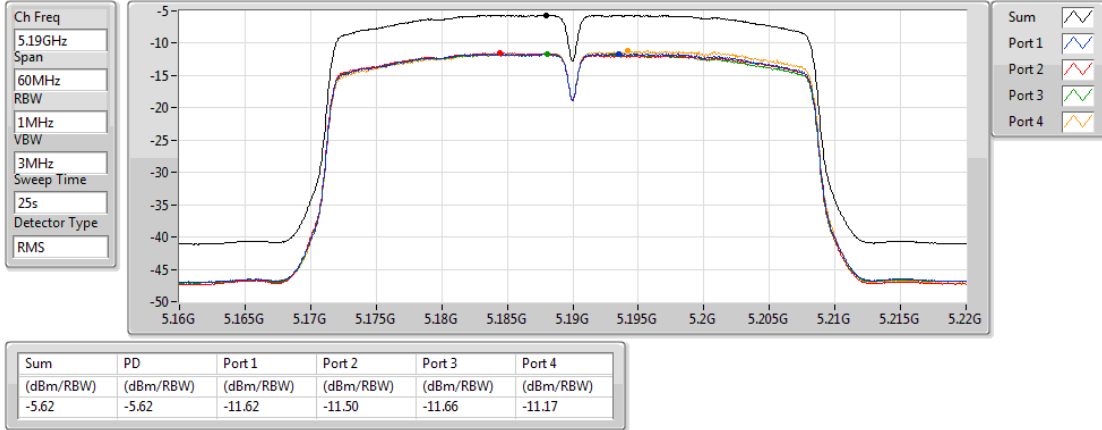
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	5.24	5.38	5.34	5.66

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

27/12/2017

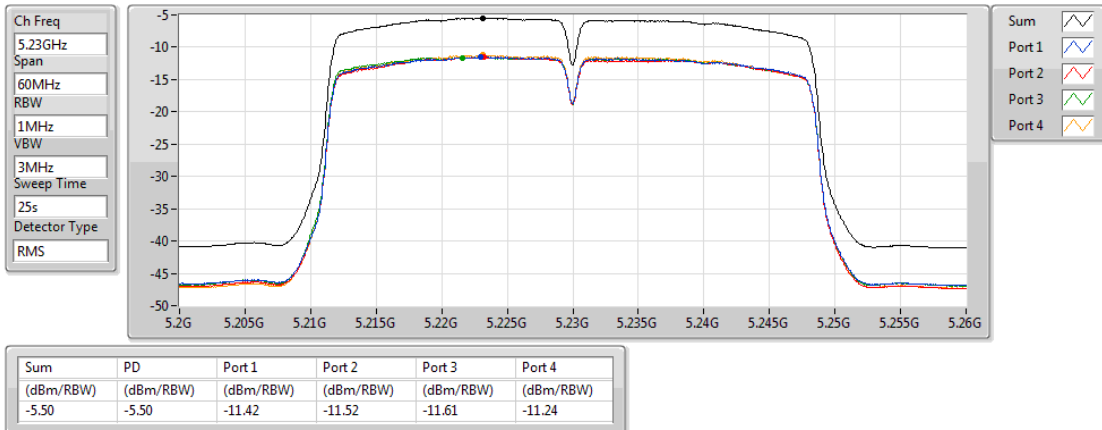


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

27/12/2017

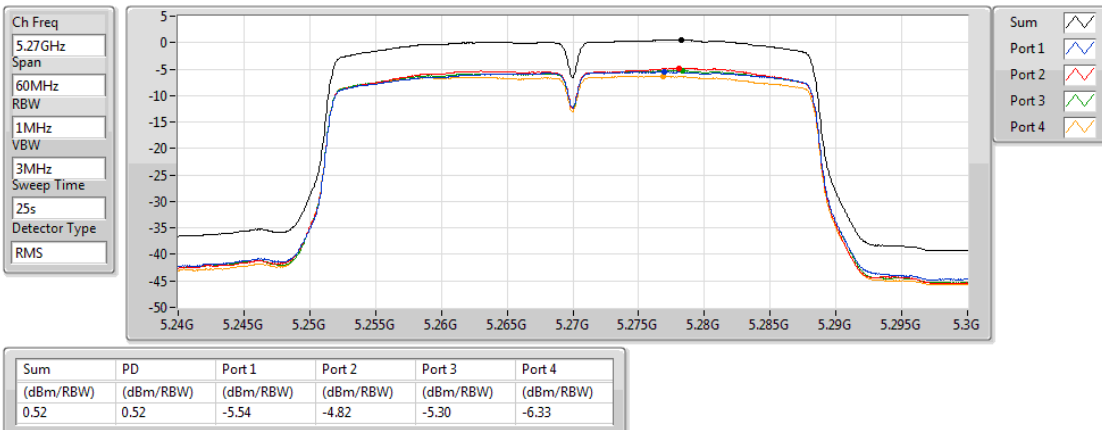


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

27/12/2017



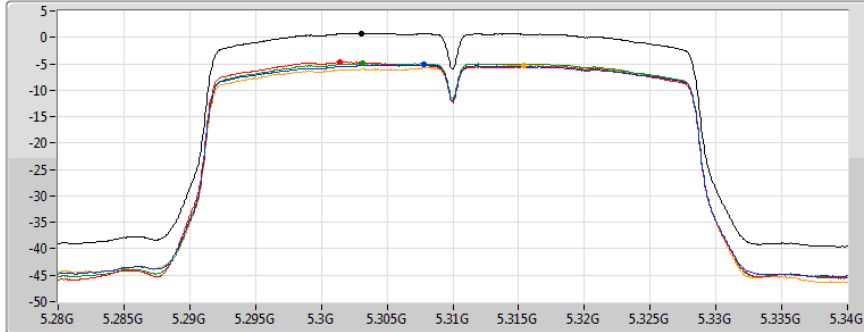
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

27/12/2017

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-5.20	-4.72	-4.92	-5.35

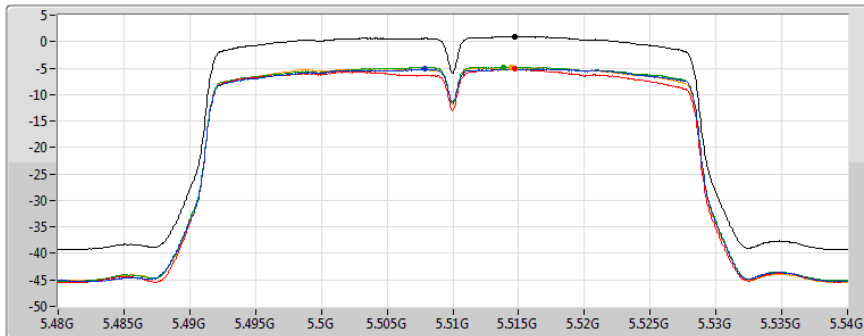
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

26/12/2017

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.96	0.96	-5.15	-5.19	-4.82	-4.91

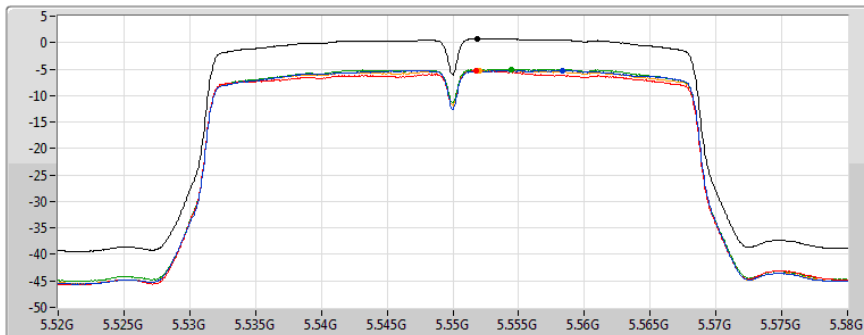
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

26/12/2017

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.72	0.72	-5.27	-5.35	-5.06	-5.23

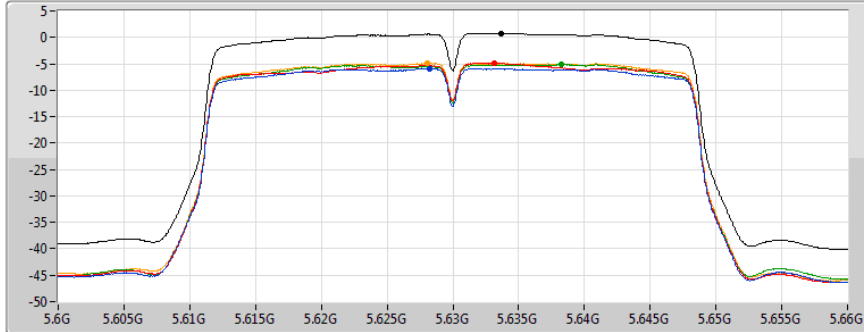
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5630MHz

26/12/2017

Ch Freq
5.63GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-5.86	-4.88	-5.12	-4.86

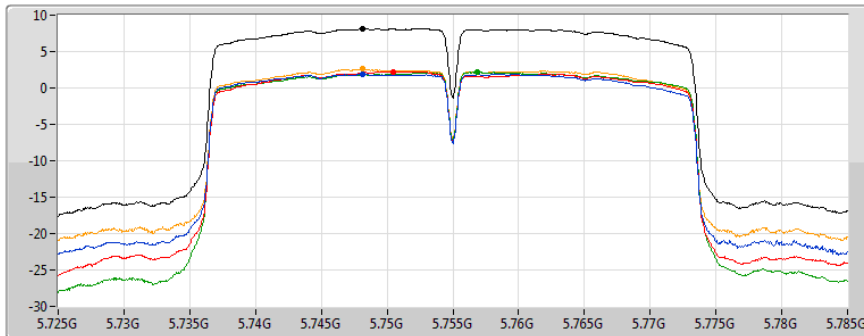
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

26/12/2017

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	1.92	2.21	2.17	2.58

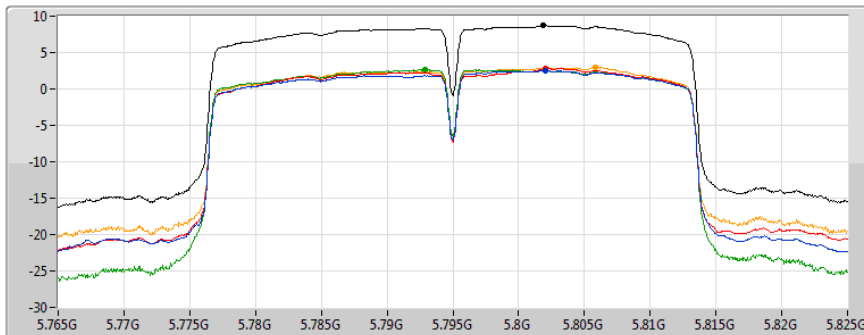
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

26/12/2017

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

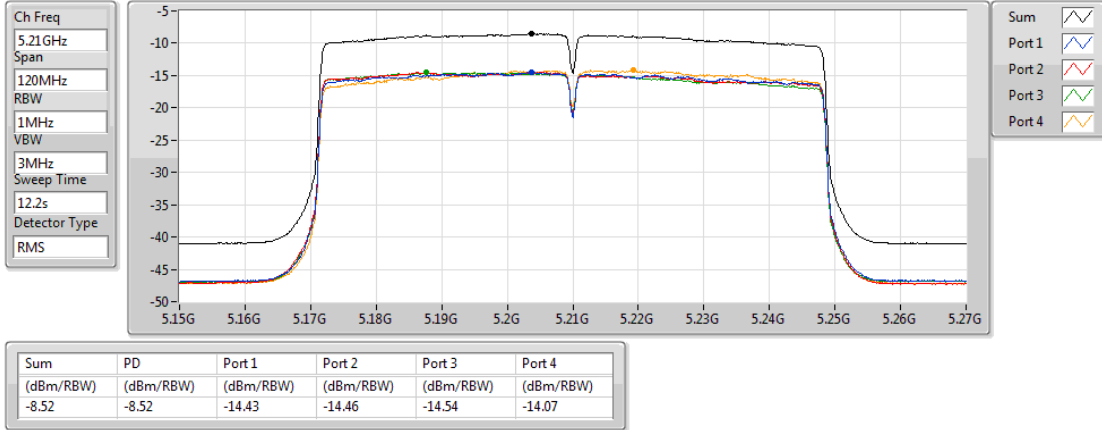
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	2.52	2.80	2.67	2.96

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

27/12/2017

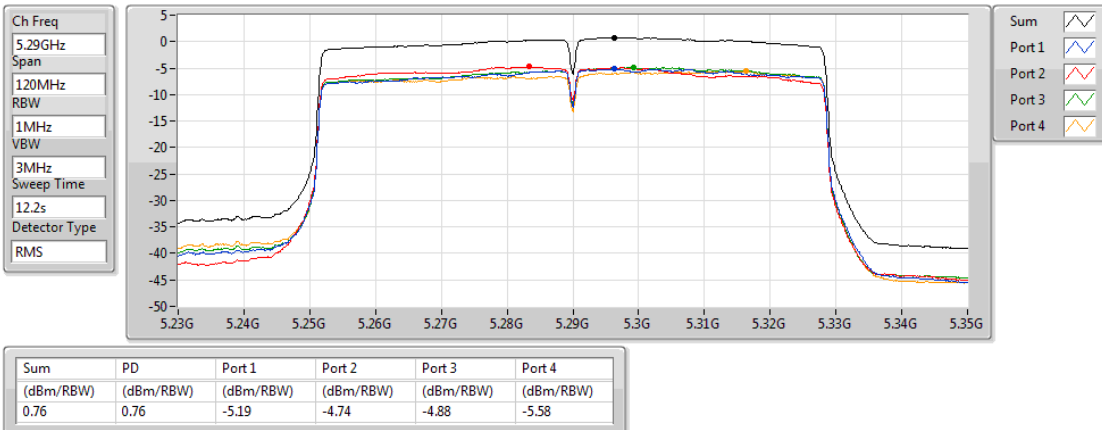


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

27/12/2017

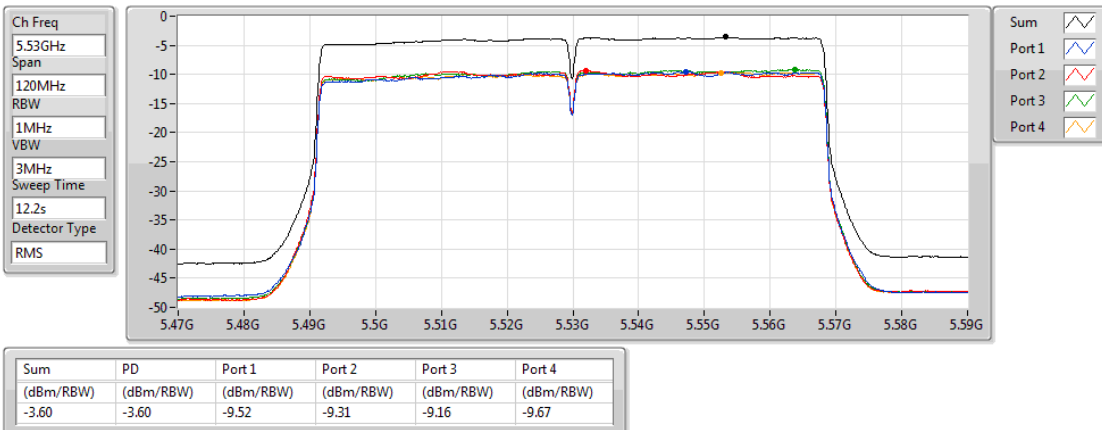


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

22/01/2018



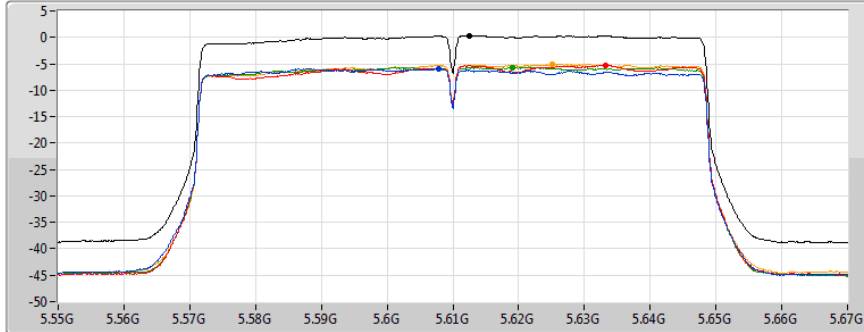
802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz

PSD

26/12/2017

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-5.85	-5.22	-5.68	-5.08

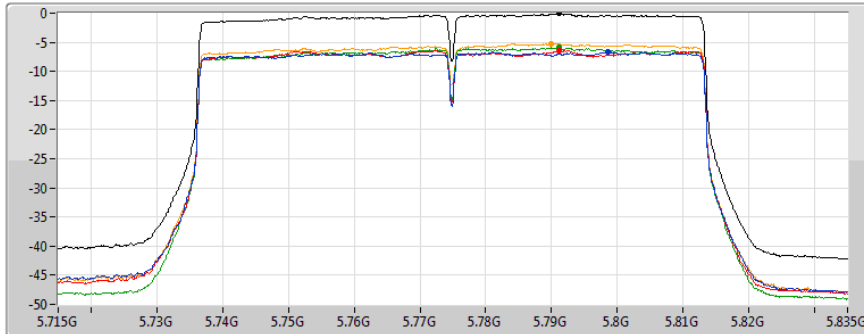
802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz

PSD

22/01/2018

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.05	-0.05	-6.69	-6.41	-5.85	-5.19

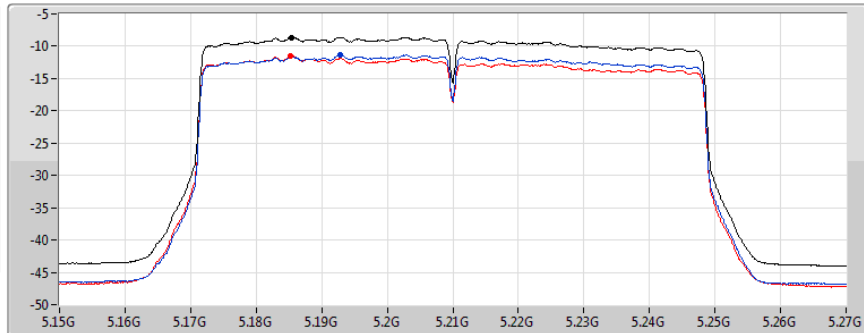
802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port1&Port2)

#5210MHz,5290MHz

PSD

28/12/2017

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
23s
Detector Type
RMS



Sum
Port 1
Port 2

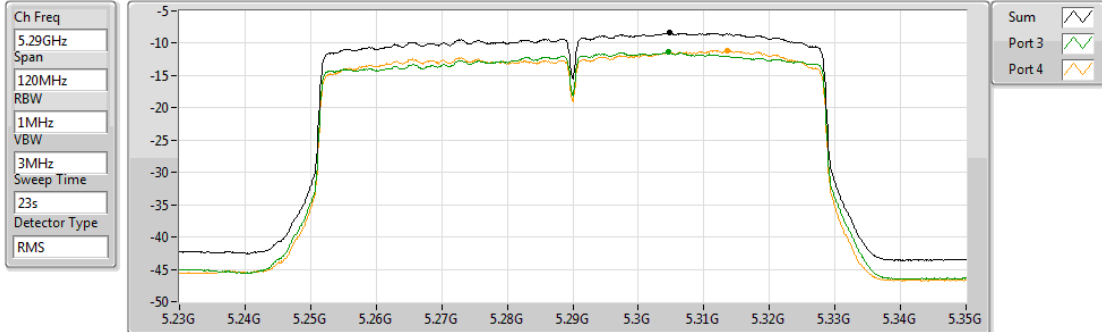
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.62	-8.62	-11.36	-11.58

802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

28/12/2017



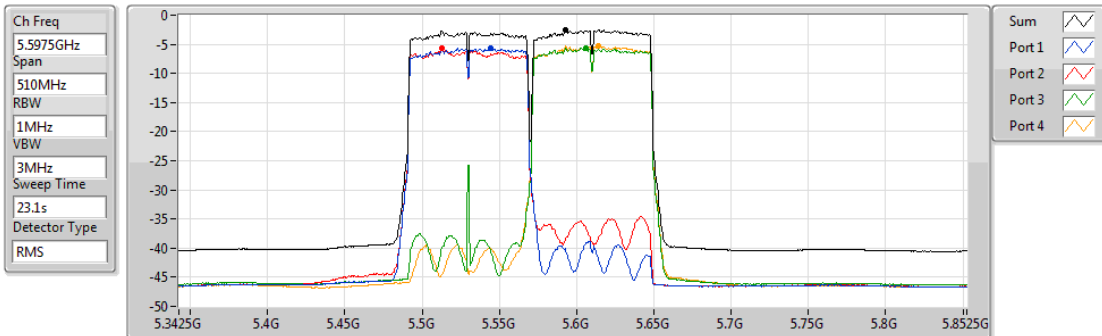
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.37	-8.37			-11.37	-11.11

802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

26/12/2017



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.53	-2.53	-5.66	-5.60	-5.73	-5.29

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.62	22.64
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.86	19.88
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.38	16.40
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-1.54	11.47
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.44	16.46
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.34	13.68
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.11	10.91
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-2.52	10.49
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.73	16.75
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.22	13.80
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.32	10.70
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-5.86	7.15
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.11	21.13
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.27	18.29
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.39	14.63

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	0.68	2.43	-0.98	1.37	6.62	6.98	22.64	23.00
5200MHz	Pass	16.02	0.93	0.73	-0.78	1.20	6.25	6.98	22.27	23.00
5240MHz	Pass	16.02	0.57	1.08	-0.21	0.63	5.92	6.98	21.94	23.00
5260MHz	Pass	16.02	-5.96	-5.08	-6.46	-5.21	-0.17	0.98	15.85	17.00
5300MHz	Pass	16.02	-5.50	-4.77	-6.01	-4.45	0.44	0.98	16.46	17.00
5320MHz	Pass	16.02	-5.69	-4.99	-7.15	-5.62	-0.19	0.98	15.83	17.00
5500MHz	Pass	16.02	-5.15	-4.85	-6.04	-4.76	0.28	0.98	16.30	17.00
5580MHz	Pass	16.02	-5.29	-4.67	-6.67	-4.98	0.14	0.98	16.16	17.00
5640MHz	Pass	16.02	-5.46	-5.48	-7.14	-4.93	-0.26	0.98	15.76	17.00
5745MHz	Pass	16.02	-4.06	-4.39	-6.32	-4.54	0.73	0.98	16.75	36.00
5785MHz	Pass	16.02	-0.54	-1.07	-2.38	-0.43	4.23	19.98	20.25	36.00
5825MHz	Pass	16.02	-0.68	0.12	-1.71	0.56	5.11	19.98	21.13	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	-0.65	-1.21	-3.09	-1.15	3.86	6.98	19.88	23.00
5230MHz	Pass	16.02	-1.43	-1.92	-4.05	-2.50	2.94	6.98	18.96	23.00
5270MHz	Pass	16.02	-7.58	-7.30	-9.33	-6.63	-2.34	0.98	13.68	23.00
5310MHz	Pass	16.02	-6.92	-7.58	-9.52	-8.04	-2.55	0.98	13.47	17.00
5510MHz	Pass	16.02	-7.68	-8.37	-9.68	-8.12	-2.63	0.98	13.39	17.00
5550MHz	Pass	16.02	-7.10	-6.75	-8.17	-7.42	-2.22	0.98	13.80	17.00
5630MHz	Pass	16.02	-8.24	-8.15	-9.91	-7.91	-2.79	0.98	13.23	17.00
5755MHz	Pass	16.02	-4.07	-3.50	-5.58	-3.28	1.17	19.98	17.19	36.00
5795MHz	Pass	16.02	-2.82	-2.27	-3.84	-2.45	2.27	19.98	18.29	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-5.23	-3.95	-6.05	-4.63	0.38	6.98	16.40	23.00
5290MHz	Pass	16.02	-10.05	-10.60	-11.87	-10.40	-5.11	0.98	10.91	17.00
5530MHz	Pass	16.02	-11.28	-11.44	-12.84	-11.22	-6.11	0.98	9.91	17.00
5610MHz	Pass	16.02	-10.72	-9.97	-12.48	-10.65	-5.32	0.98	10.70	17.00
5775MHz	Pass	16.02	-6.95	-6.38	-7.86	-6.68	-1.39	19.98	14.63	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	13.01	-4.18	-4.41			-1.54	9.99	11.47	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	13.01			-5.54	-4.51	-2.52	3.99	10.49	17.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	13.01	-9.01	-8.17	-9.36	-7.33	-5.86	3.99	7.15	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

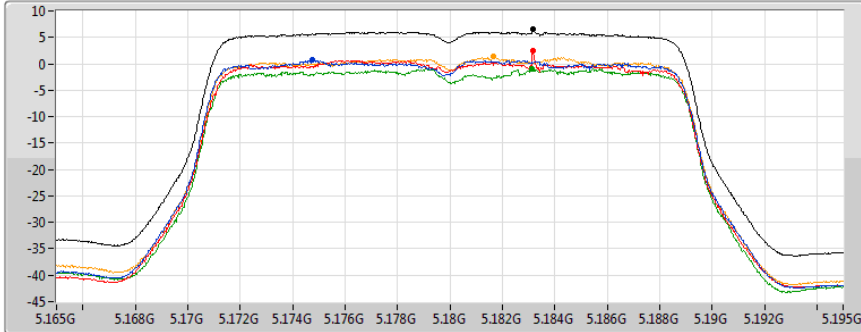
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz

PSD

10/01/2018

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	0.68	2.43	-0.98	1.37

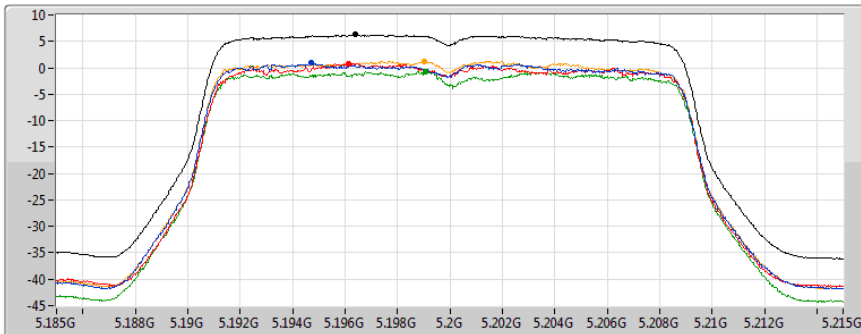
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz

PSD

10/01/2018

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.25	6.25	0.93	0.73	-0.78	1.20

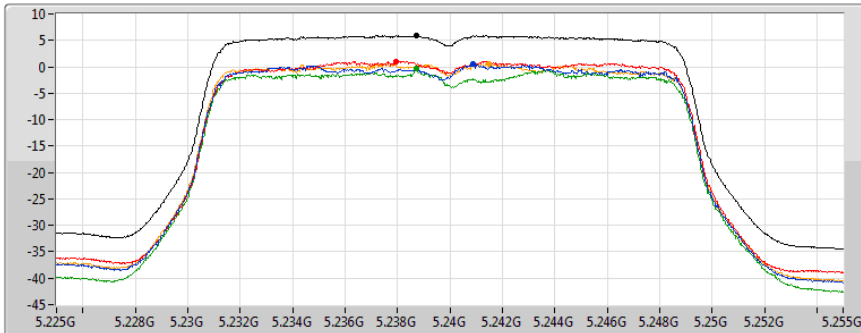
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz

PSD

10/01/2018

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

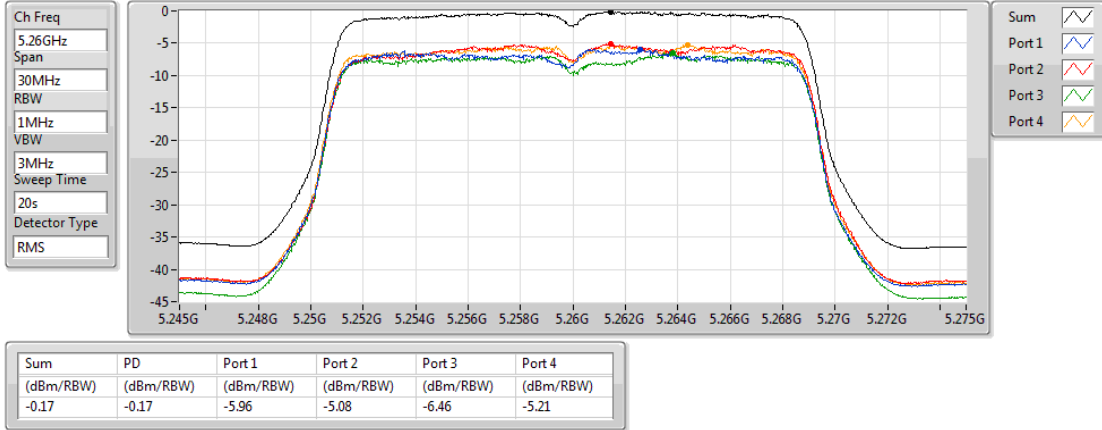
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	0.57	1.08	-0.21	0.63

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

10/01/2018

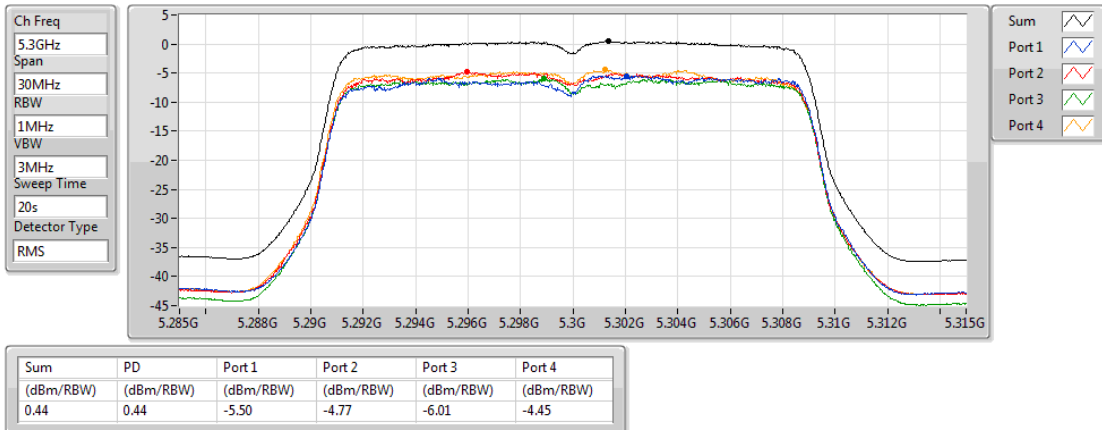


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

10/01/2018

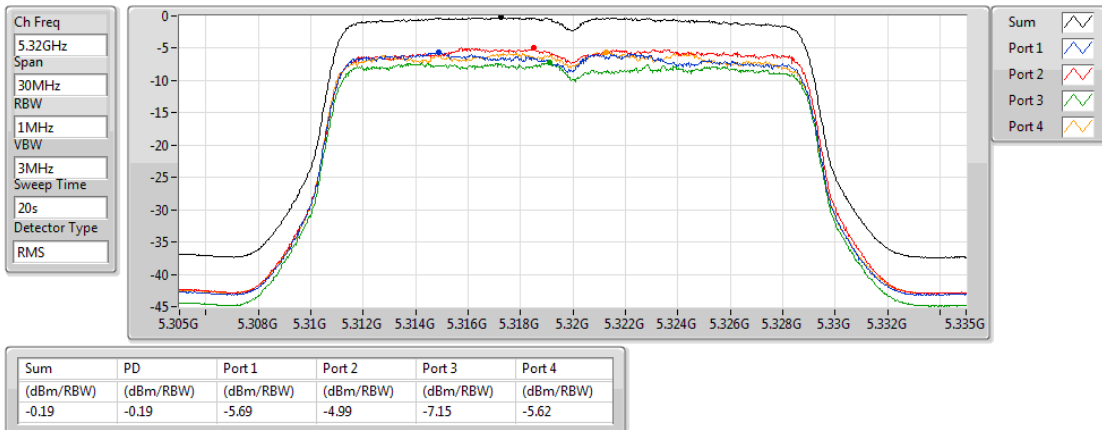


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

10/01/2018



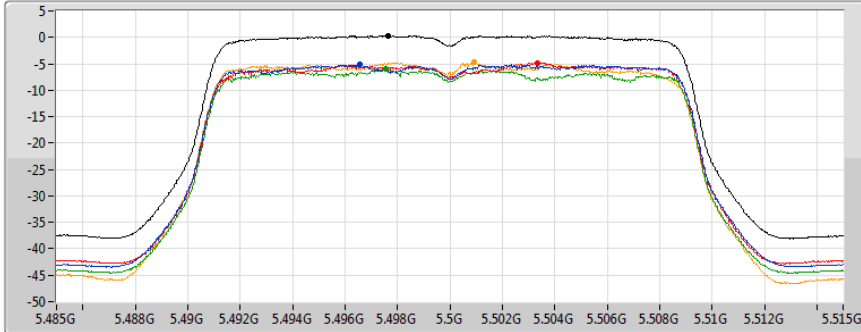
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz

PSD

11/01/2018

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-5.15	-4.85	-6.04	-4.76

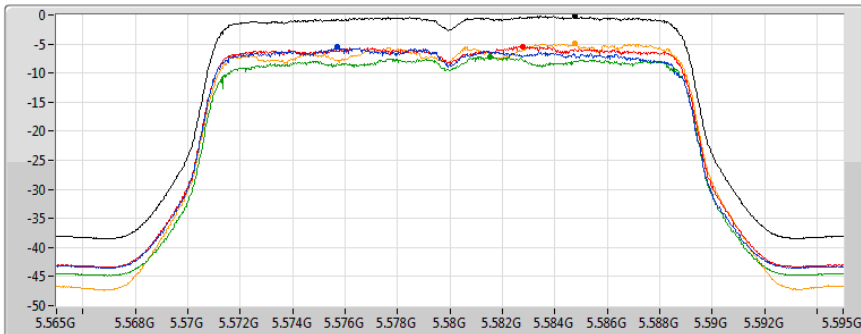
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz

PSD

11/01/2018

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.26	-0.26	-5.46	-5.48	-7.14	-4.93

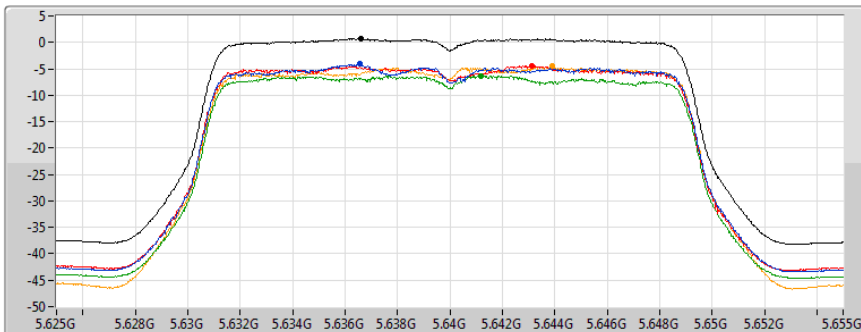
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5640MHz

PSD

11/01/2018

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

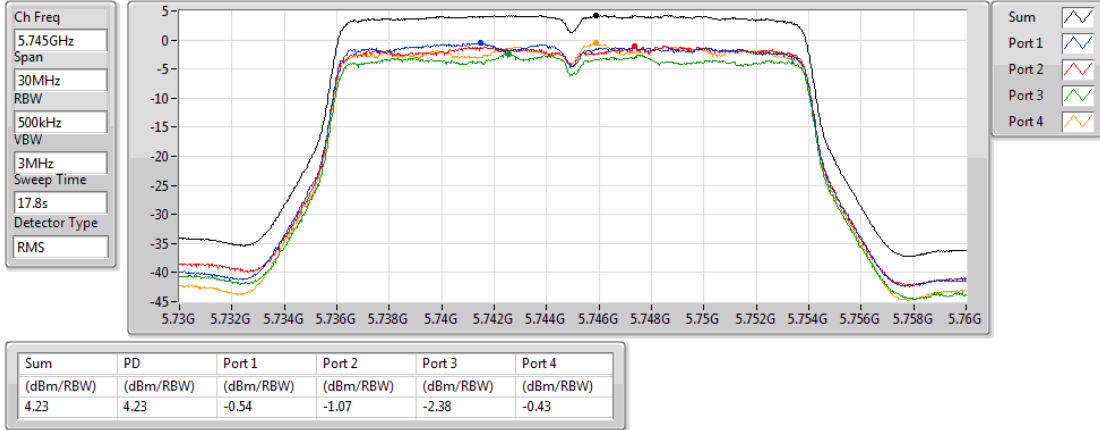
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.73	0.73	-4.06	-4.39	-6.32	-4.54

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

11/01/2018

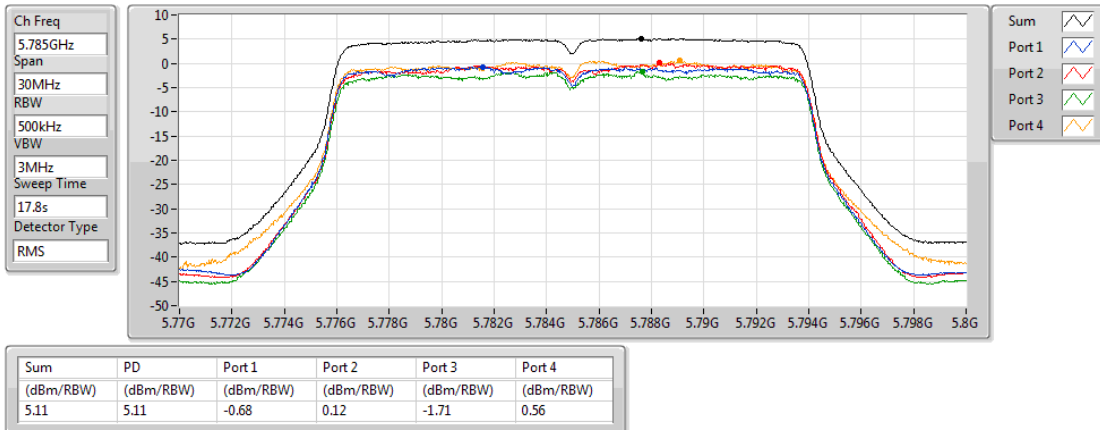


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

11/01/2018

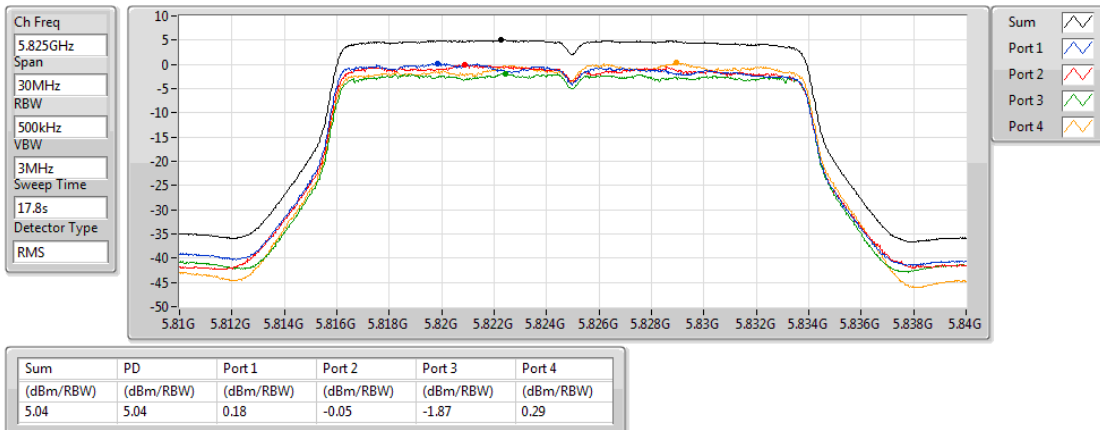


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

11/01/2018



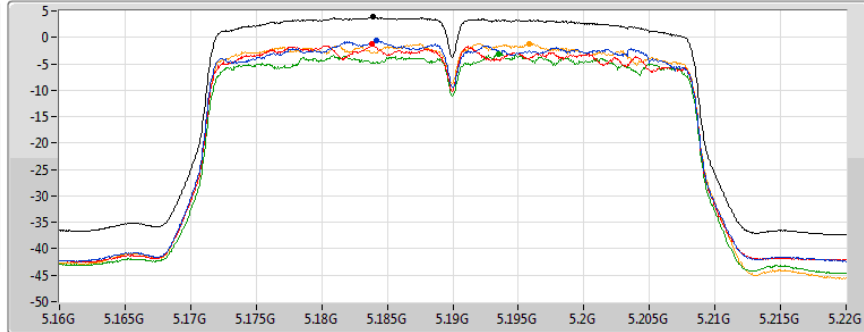
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

10/01/2018

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-0.65	-1.21	-3.09	-1.15

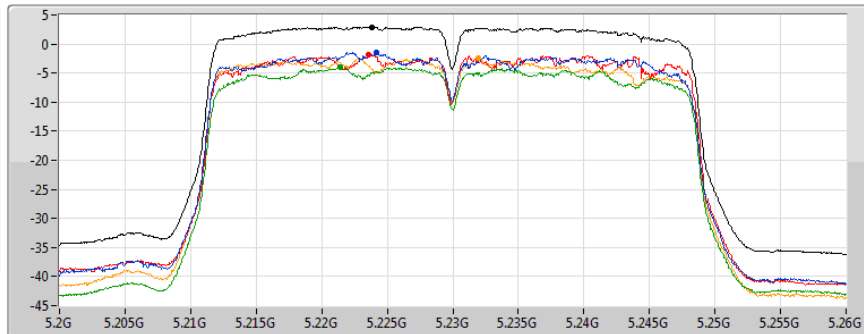
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

10/01/2018

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-1.43	-1.92	-4.05	-2.50

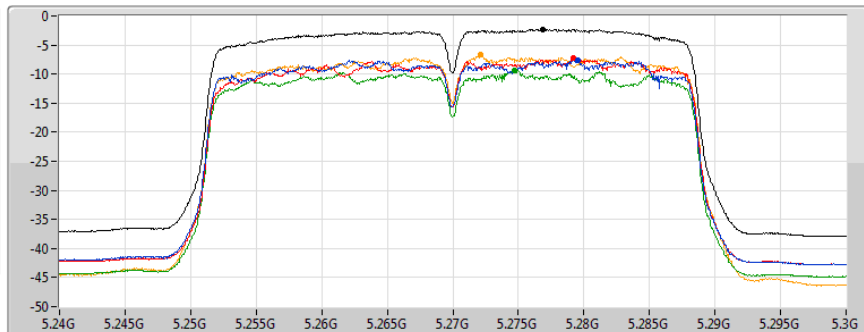
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

10/01/2018

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

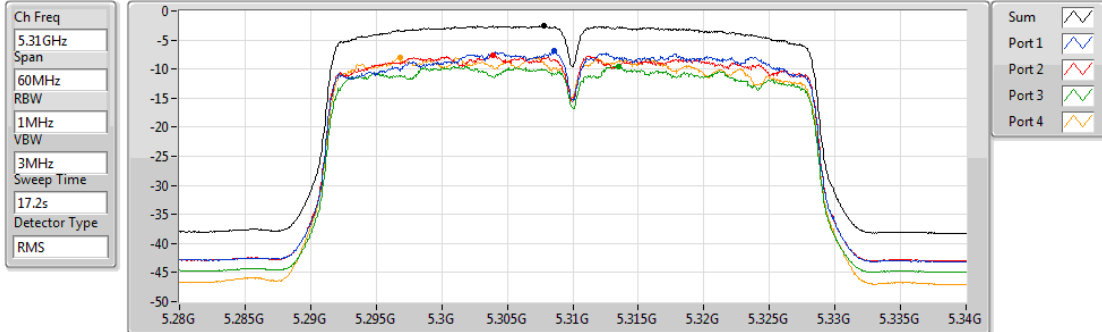
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.34	-2.34	-7.58	-7.30	-9.33	-6.63

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

10/01/2018



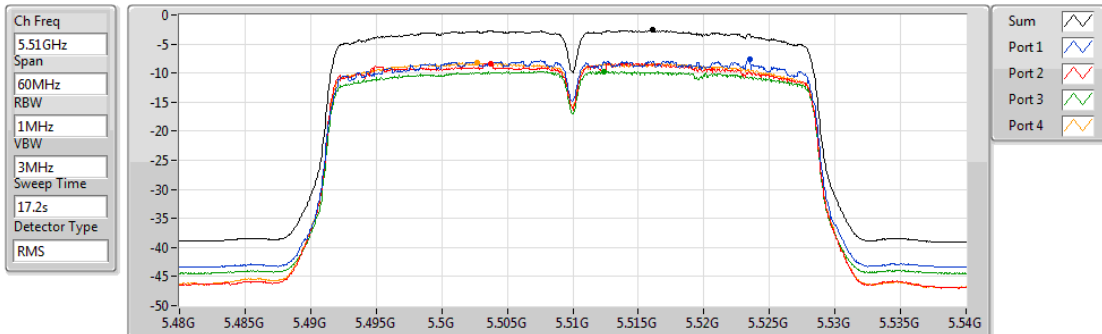
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.55	-2.55	-6.92	-7.58	-9.52	-8.04

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

11/01/2018



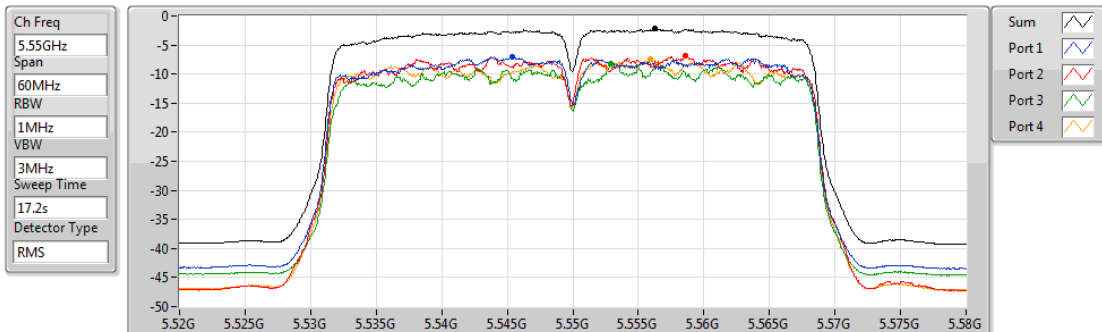
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.63	-2.63	-7.68	-8.37	-9.68	-8.12

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

11/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.22	-2.22	-7.10	-6.75	-8.17	-7.42

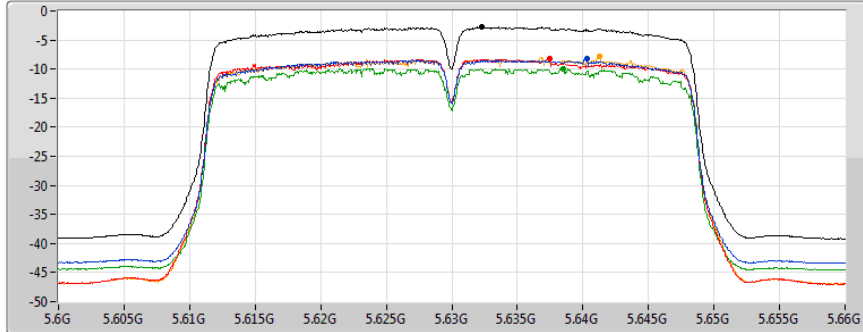
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5630MHz

PSD

11/01/2018

Ch Freq
5.63GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-8.24	-8.15	-9.91	-7.91

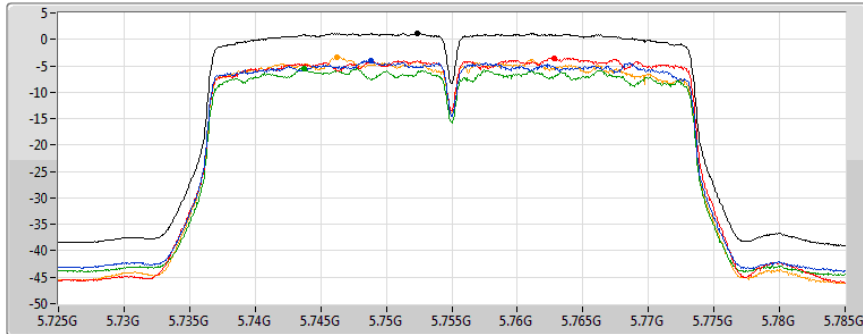
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz

PSD

11/01/2018

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	-4.07	-3.50	-5.58	-3.28

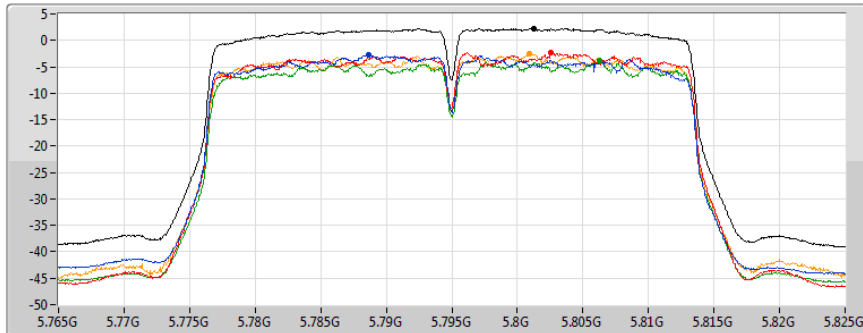
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz

PSD

11/01/2018

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
17.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

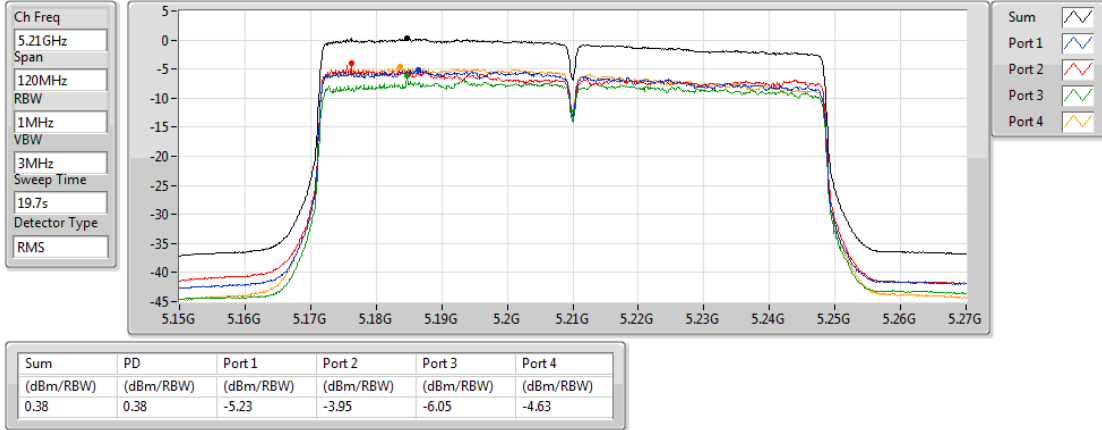
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-2.82	-2.27	-3.84	-2.45

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

10/01/2018

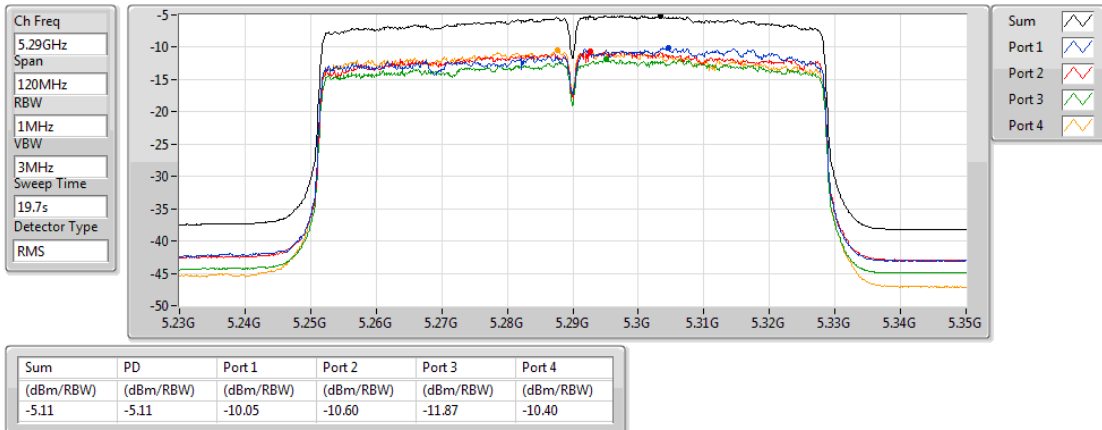


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

10/01/2018

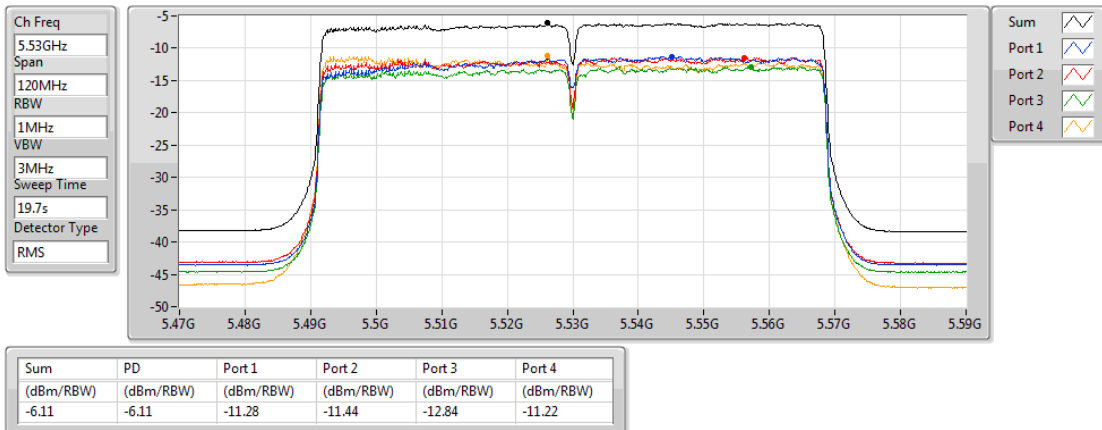


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

11/01/2018

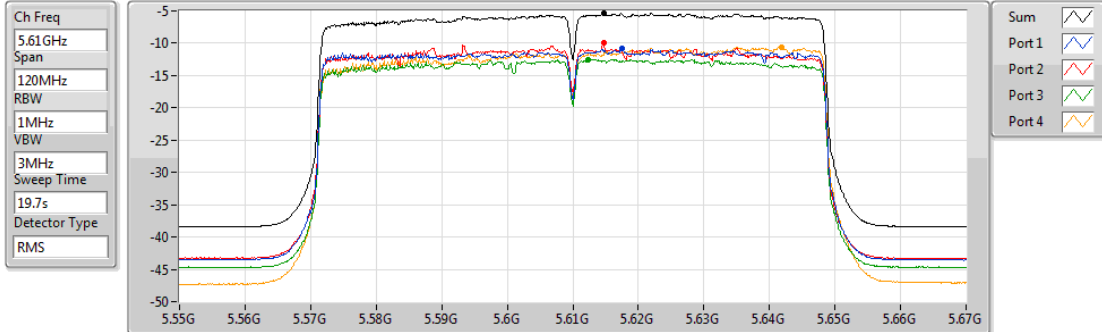


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz

PSD

11/01/2018



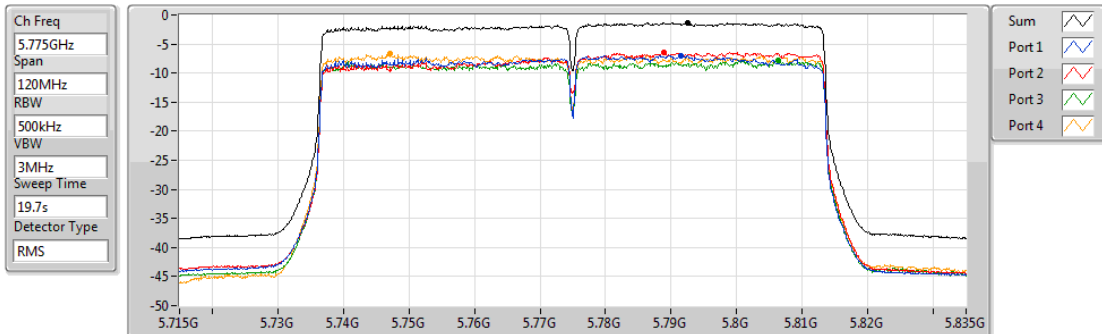
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.32	-5.32	-10.72	-9.97	-12.48	-10.65

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz

PSD

11/01/2018



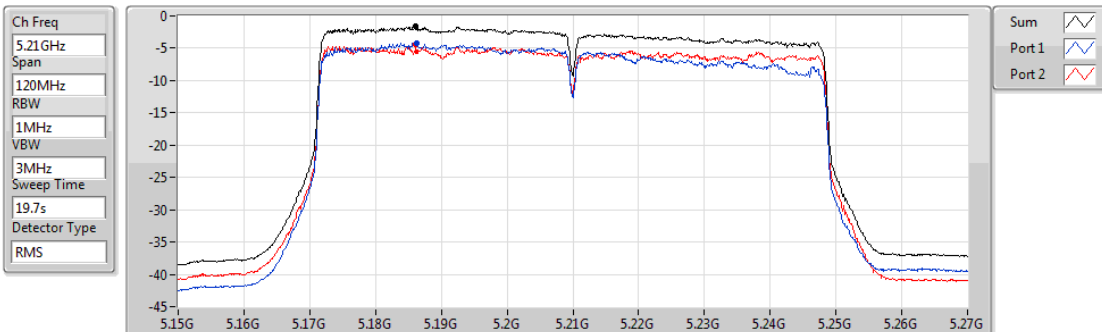
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.39	-1.39	-6.95	-6.38	-7.86	-6.68

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port1&Port2)

#5210MHz,5290MHz

PSD

10/01/2018



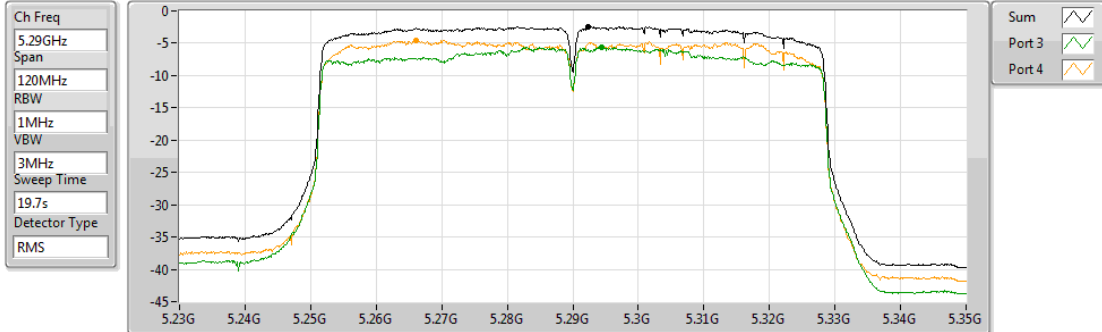
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.54	-1.54	-4.18	-4.41

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

10/01/2018



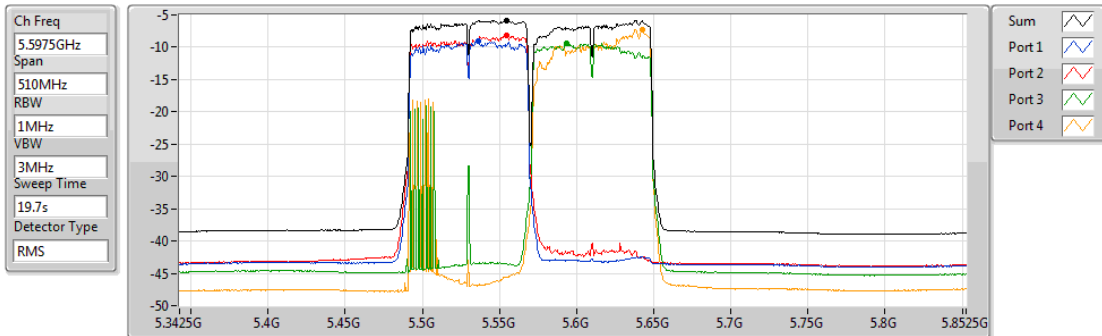
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.52	-2.52			-5.54	-4.51

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

11/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-9.01	-8.17	-9.36	-7.33

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-8.64	7.38
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-10.91	5.11
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-14.10	1.92
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-11.58	1.43
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.44	16.46
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.34	13.68
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.11	10.91
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-11.68	1.33
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.73	16.75
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.22	13.80
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.32	10.70
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-5.86	7.15
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.11	21.13
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.27	18.29
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.39	14.63

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	-14.00	-13.92	-15.62	-13.22	-8.74	6.98	7.28	23.00
5200MHz	Pass	16.02	-13.88	-13.69	-15.51	-13.30	-8.64	6.98	7.38	23.00
5240MHz	Pass	16.02	-14.41	-13.69	-15.50	-14.31	-8.99	6.98	7.03	23.00
5260MHz	Pass	16.02	-5.96	-5.08	-6.46	-5.21	-0.17	0.98	15.85	17.00
5300MHz	Pass	16.02	-5.50	-4.77	-6.01	-4.45	0.44	0.98	16.46	17.00
5320MHz	Pass	16.02	-5.69	-4.99	-7.15	-5.62	-0.19	0.98	15.83	17.00
5500MHz	Pass	16.02	-5.15	-4.85	-6.04	-4.76	0.28	0.98	16.30	17.00
5580MHz	Pass	16.02	-5.46	-5.48	-7.14	-4.93	-0.26	0.98	15.76	17.00
5640MHz	Pass	16.02	-4.06	-4.39	-6.32	-4.54	0.73	0.98	16.75	17.00
5745MHz	Pass	16.02	-0.54	-1.07	-2.38	-0.43	4.23	19.98	20.25	36.00
5785MHz	Pass	16.02	-0.68	0.12	-1.71	0.56	5.11	19.98	21.13	36.00
5825MHz	Pass	16.02	0.18	-0.05	-1.87	0.29	5.04	19.98	21.06	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	-15.68	-15.74	-17.66	-15.65	-10.91	6.98	5.11	23.00
5230MHz	Pass	16.02	-16.23	-16.07	-18.04	-16.11	-11.30	6.98	4.72	23.00
5270MHz	Pass	16.02	-7.58	-7.30	-9.33	-6.63	-2.34	0.98	13.68	23.00
5310MHz	Pass	16.02	-6.92	-7.58	-9.52	-8.04	-2.55	0.98	13.47	17.00
5510MHz	Pass	16.02	-7.68	-8.37	-9.68	-8.12	-2.63	0.98	13.39	17.00
5550MHz	Pass	16.02	-7.10	-6.75	-8.17	-7.42	-2.22	0.98	13.80	17.00
5630MHz	Pass	16.02	-8.24	-8.15	-9.91	-7.91	-2.79	0.98	13.23	17.00
5755MHz	Pass	16.02	-4.07	-3.50	-5.58	-3.28	1.17	19.98	17.19	36.00
5795MHz	Pass	16.02	-2.82	-2.27	-3.84	-2.45	2.27	19.98	18.29	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-19.51	-18.73	-21.00	-19.11	-14.10	6.98	1.92	23.00
5290MHz	Pass	16.02	-10.05	-10.60	-11.87	-10.40	-5.11	0.98	10.91	17.00
5530MHz	Pass	16.02	-11.28	-11.44	-12.84	-11.22	-6.11	0.98	9.91	17.00
5610MHz	Pass	16.02	-10.72	-9.97	-12.48	-10.65	-5.32	0.98	10.70	17.00
5775MHz	Pass	16.02	-6.95	-6.38	-7.86	-6.68	-1.39	19.98	14.63	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	13.01	-14.72	-13.97			-11.58	9.99	1.43	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	13.01			-14.28	-14.32	-11.68	3.99	1.33	17.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	13.01	-9.01	-8.17	-9.36	-7.33	-5.86	3.99	7.15	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

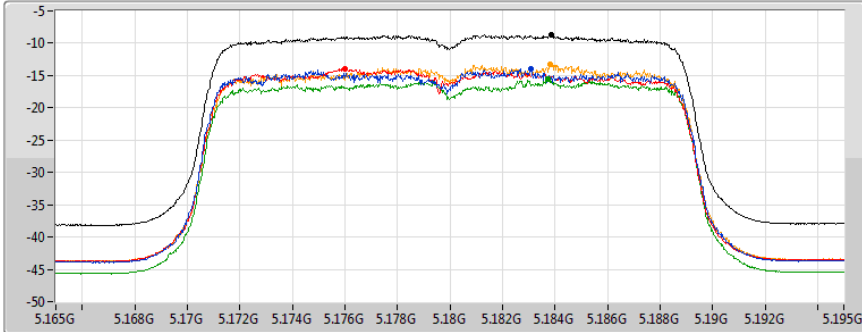
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz

PSD

10/01/2018

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.74	-8.74	-14.00	-13.92	-15.62	-13.22

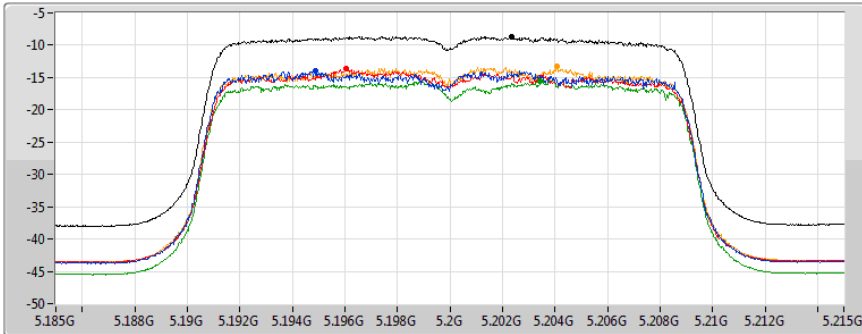
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz

PSD

11/01/2018

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.64	-8.64	-13.88	-13.69	-15.51	-13.30

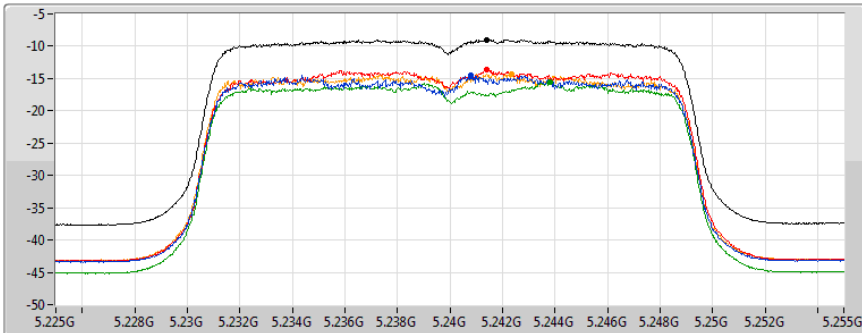
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz

PSD

11/01/2018

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

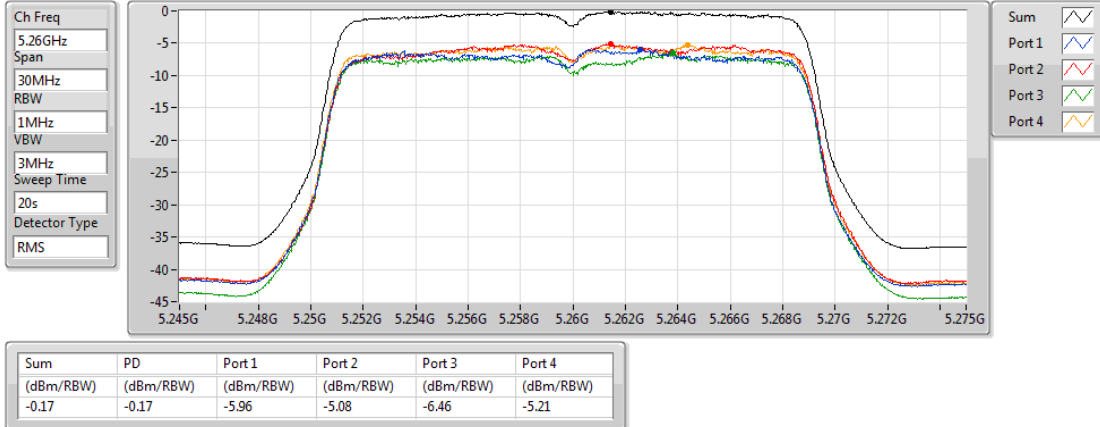
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.99	-8.99	-14.41	-13.69	-15.50	-14.31

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

10/01/2018

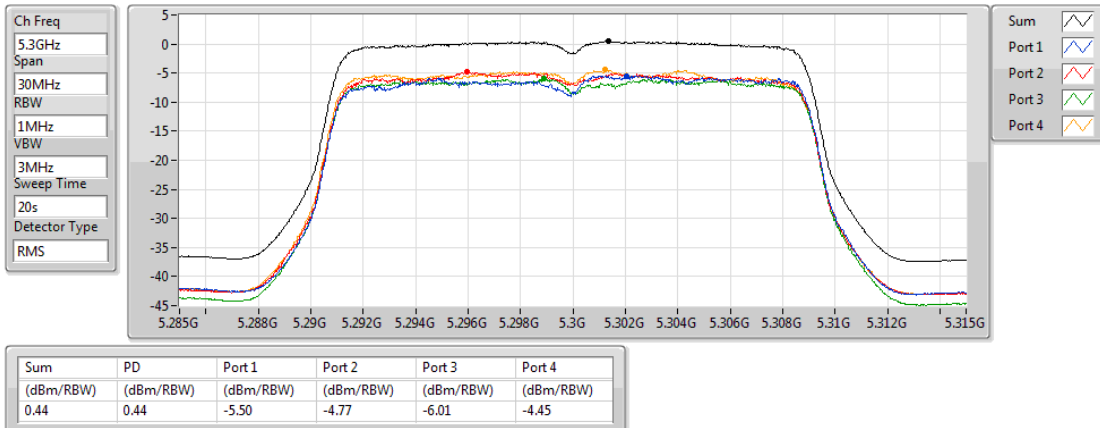


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

10/01/2018

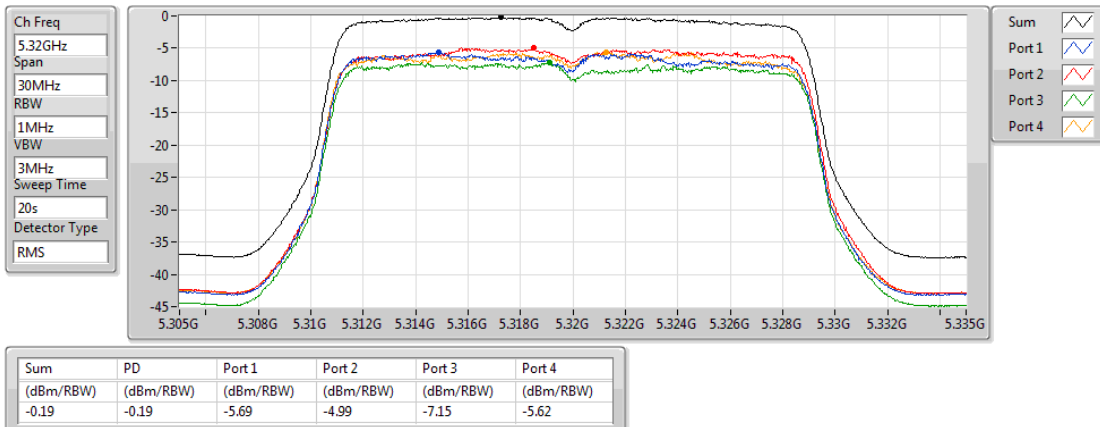


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

10/01/2018



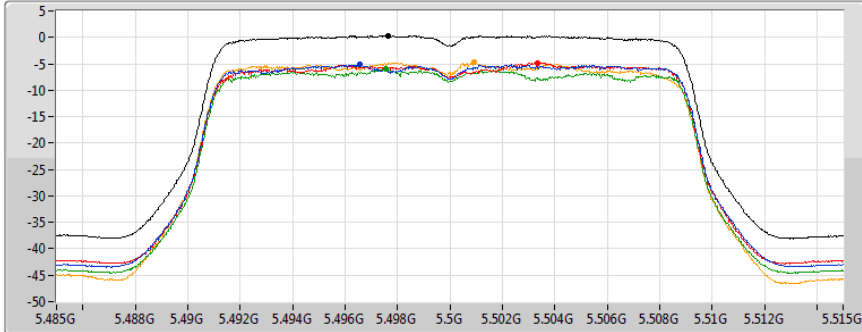
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

11/01/2018

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-5.15	-4.85	-6.04	-4.76

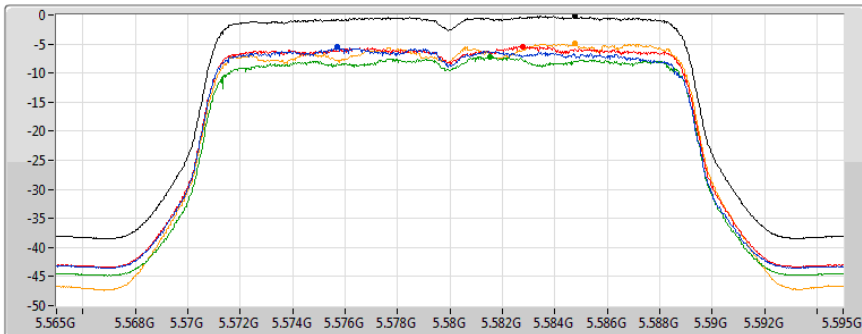
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

11/01/2018

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.26	-0.26	-5.46	-5.48	-7.14	-4.93

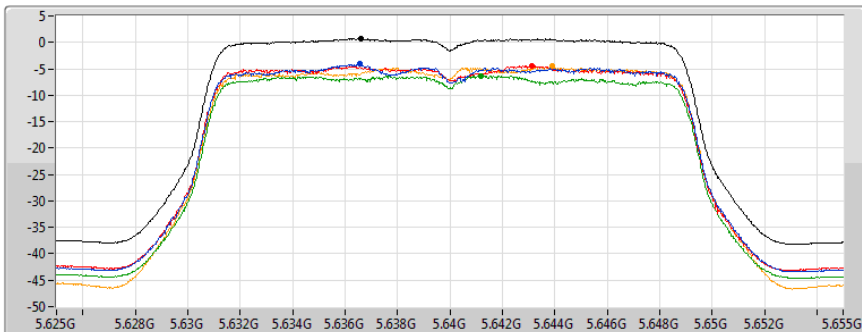
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5640MHz

11/01/2018

Ch Freq
5.64GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

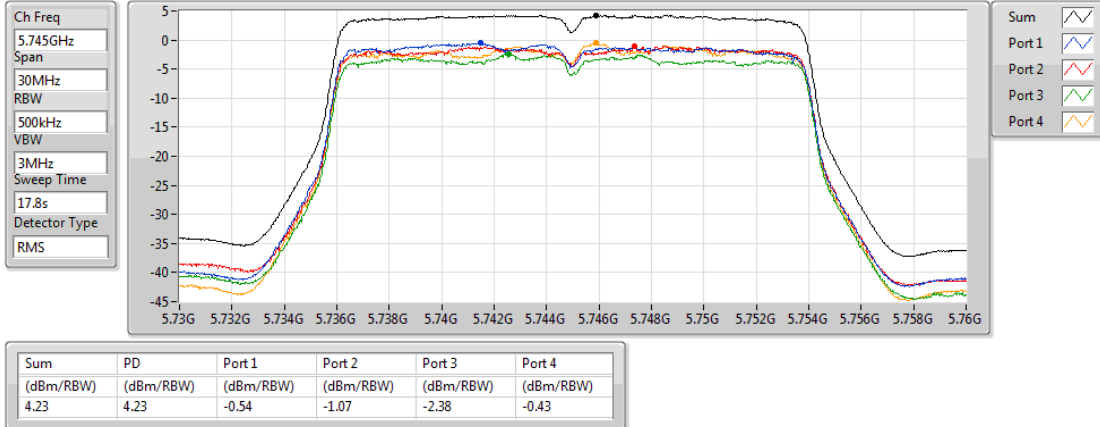
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.73	0.73	-4.06	-4.39	-6.32	-4.54

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

11/01/2018

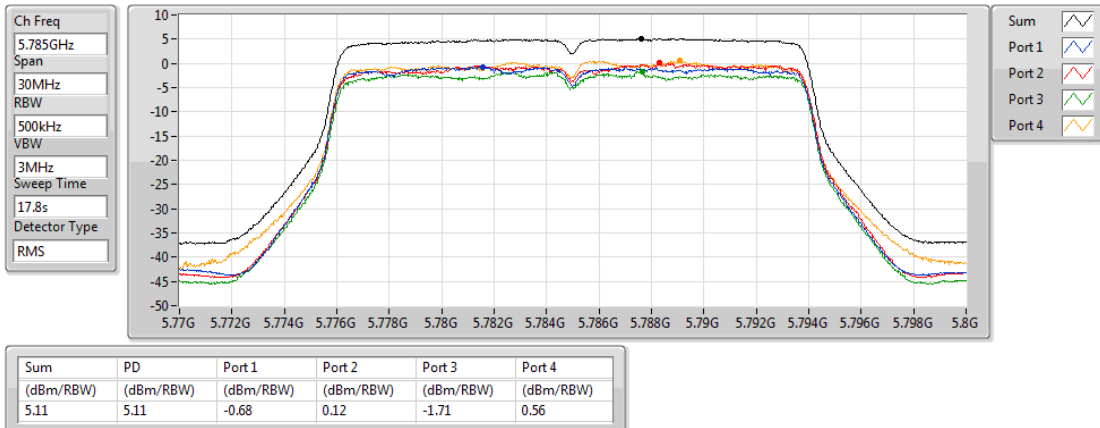


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

11/01/2018

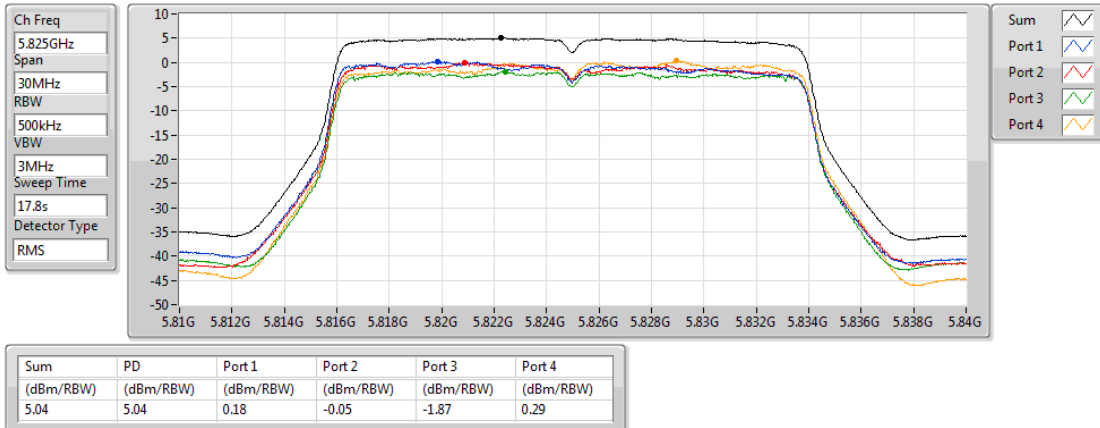


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

11/01/2018

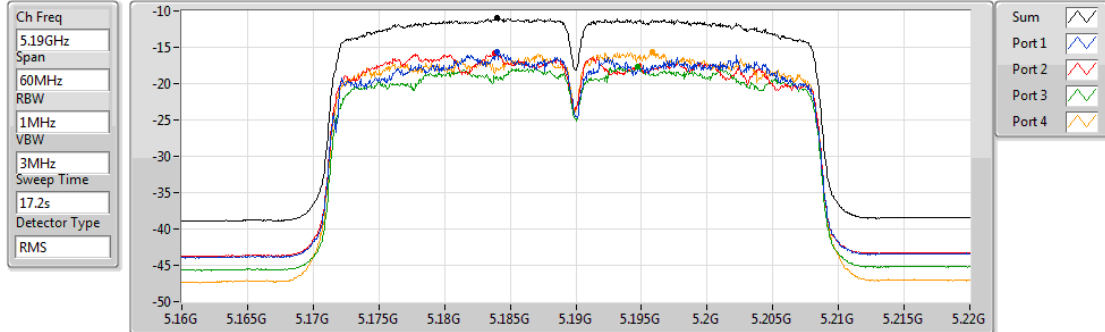


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

11/01/2018



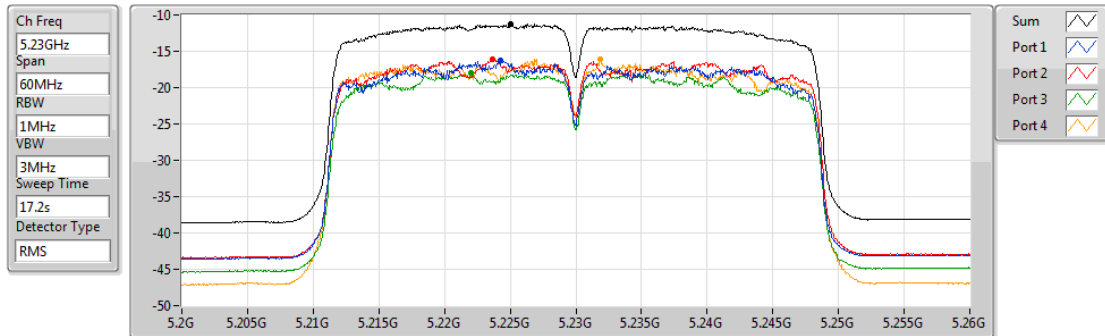
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.91	-10.91	-15.68	-15.74	-17.66	-15.65

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

11/01/2018



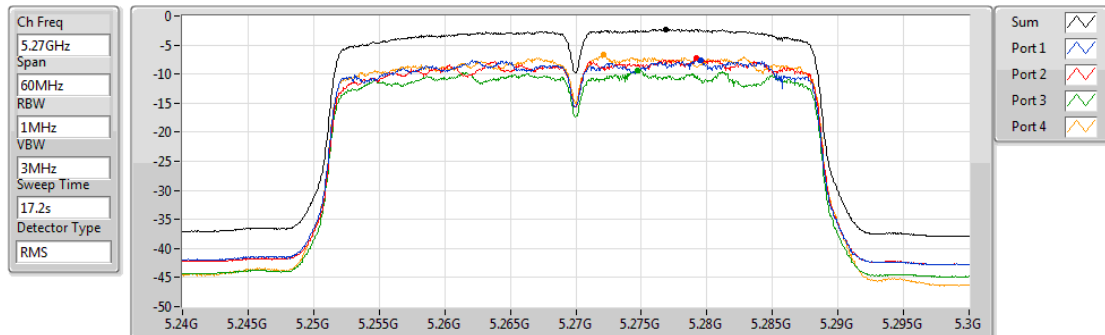
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.30	-11.30	-16.23	-16.07	-18.04	-16.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

10/01/2018



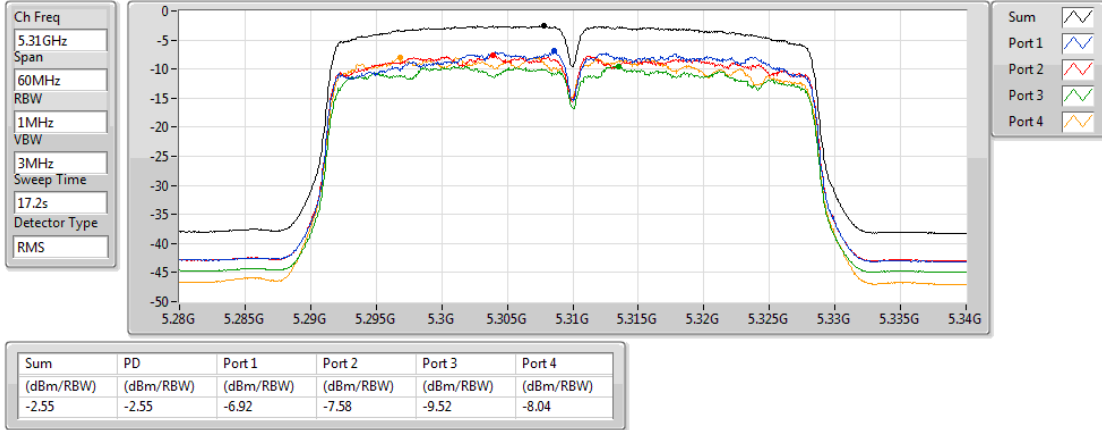
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.34	-2.34	-7.58	-7.30	-9.33	-6.63

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

10/01/2018

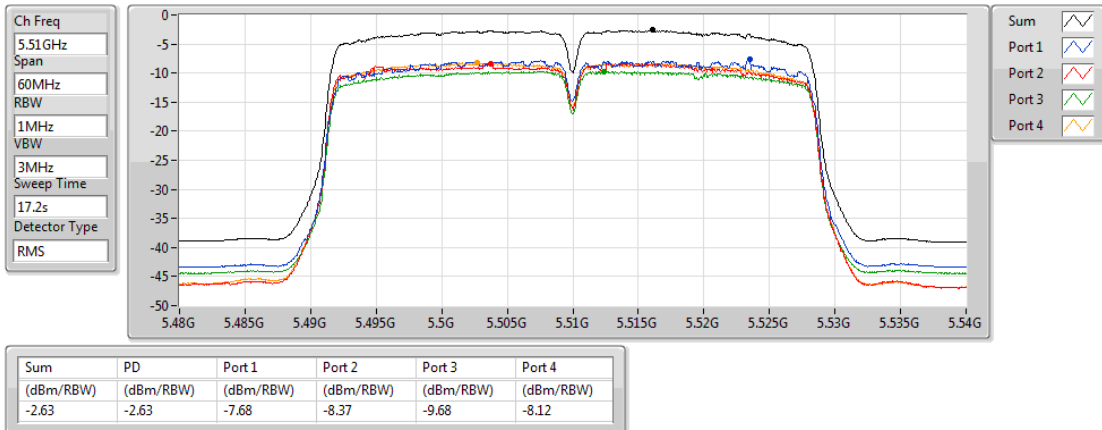


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

11/01/2018

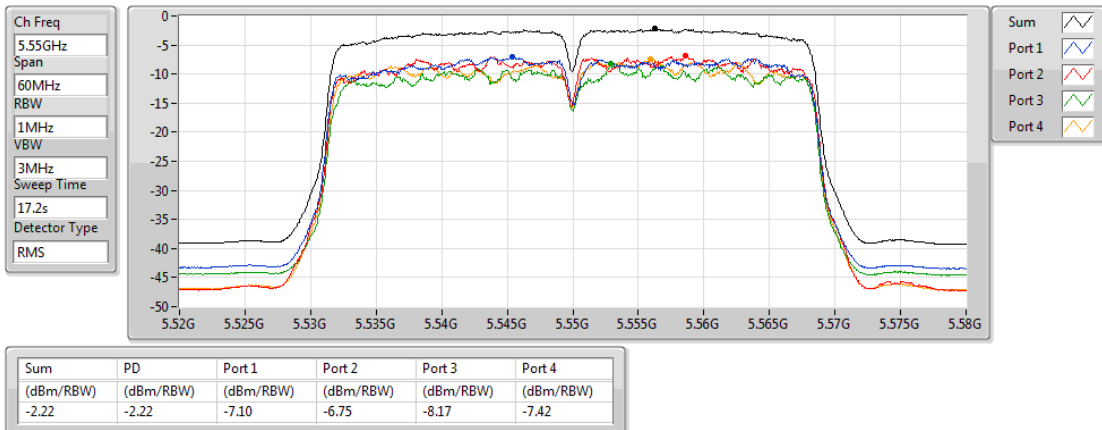


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

11/01/2018

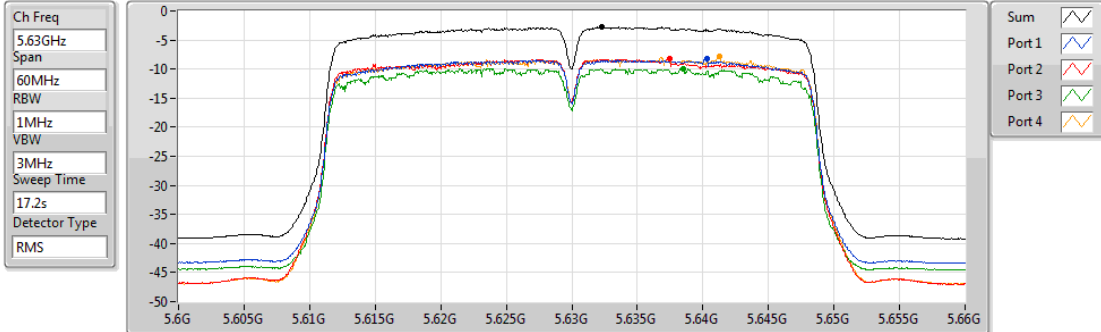


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5630MHz

11/01/2018



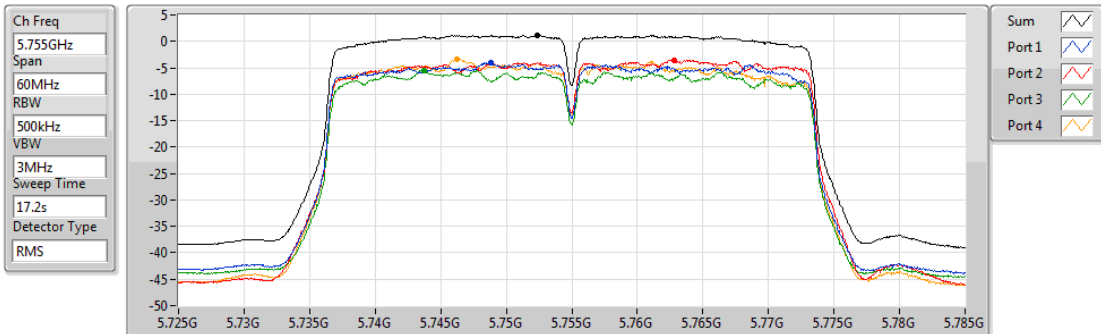
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-8.24	-8.15	-9.91	-7.91

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

11/01/2018



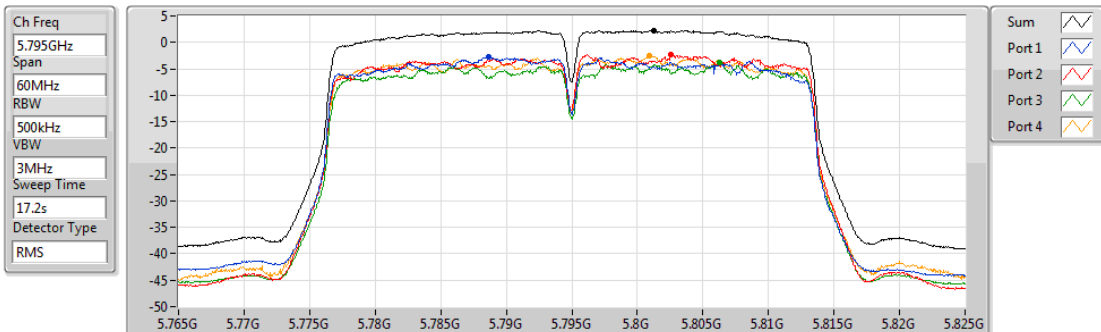
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	-4.07	-3.50	-5.58	-3.28

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

11/01/2018



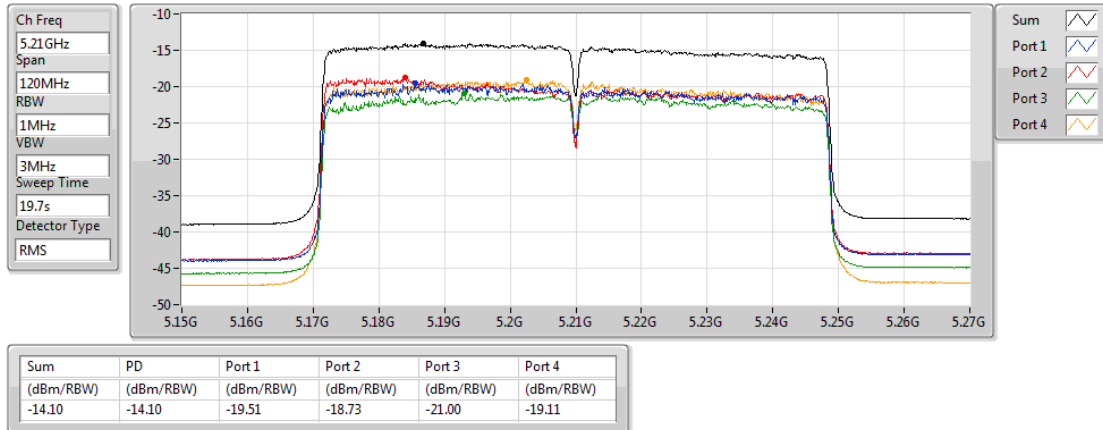
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-2.82	-2.27	-3.84	-2.45

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz

PSD

11/01/2018

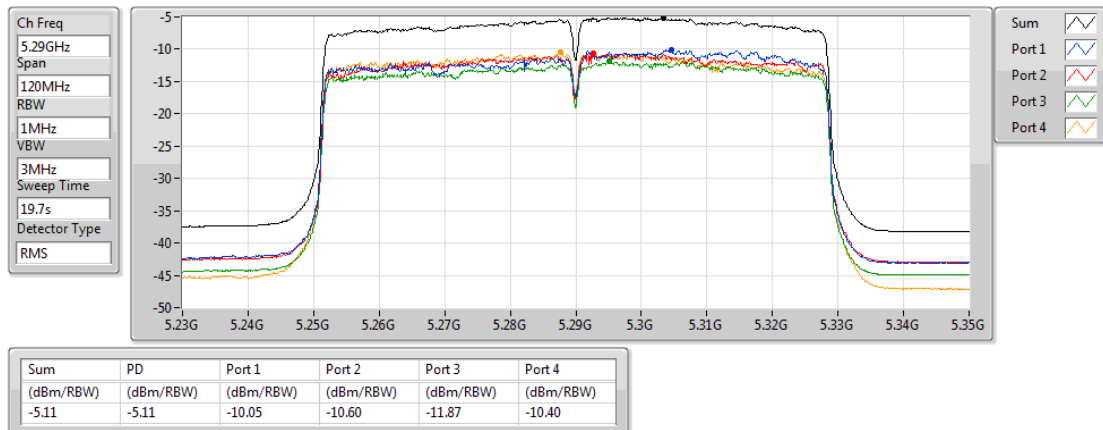


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5290MHz

PSD

10/01/2018

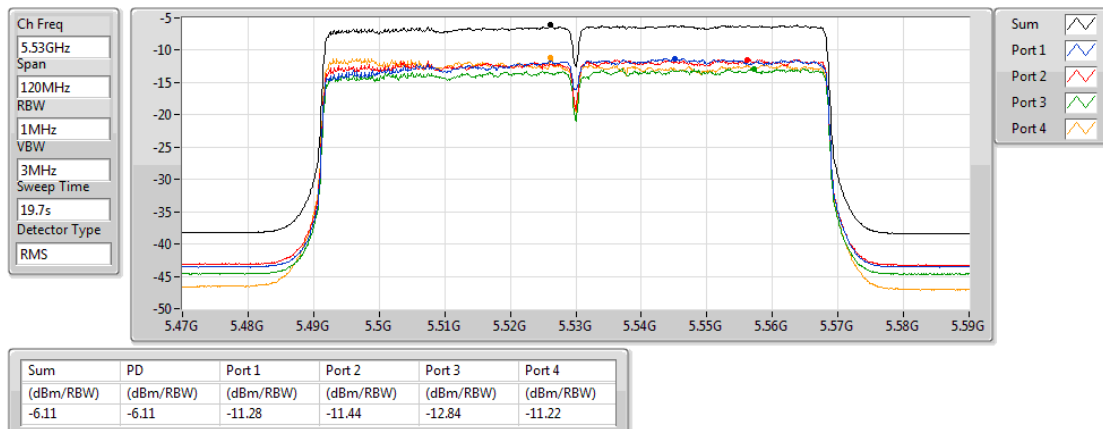


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5530MHz

PSD

11/01/2018

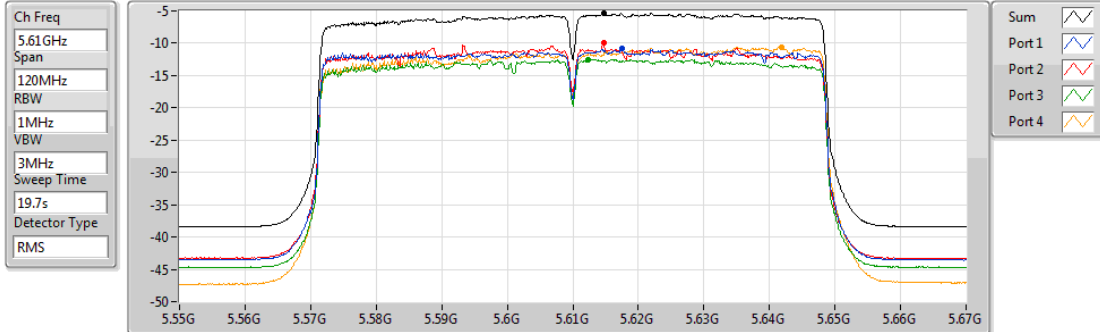


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

11/01/2018



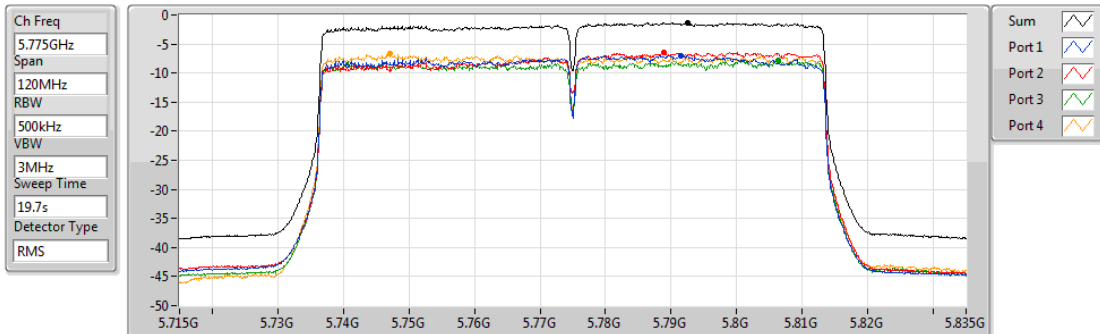
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.32	-5.32	-10.72	-9.97	-12.48	-10.65

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

11/01/2018



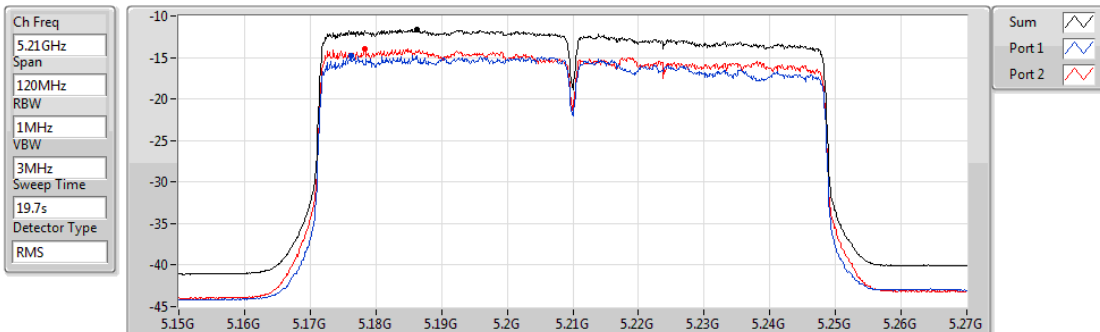
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.39	-1.39	-6.95	-6.38	-7.86	-6.68

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port1&Port2)

PSD

#5210MHz,5290MHz

11/01/2018



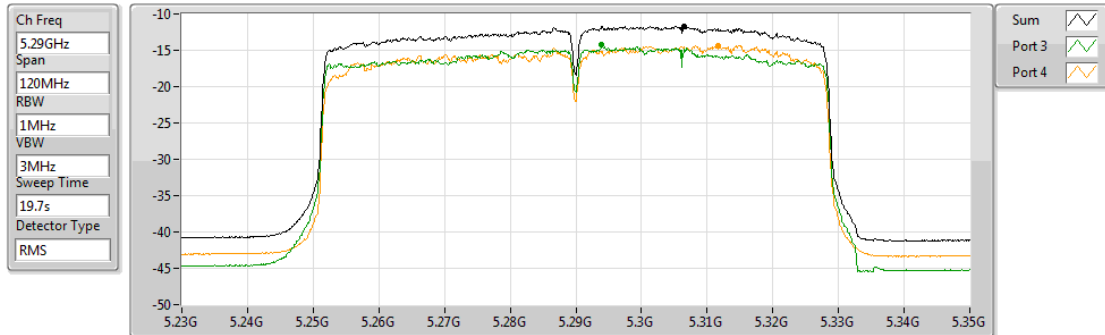
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.58	-11.58	-14.72	-13.97

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

11/01/2018



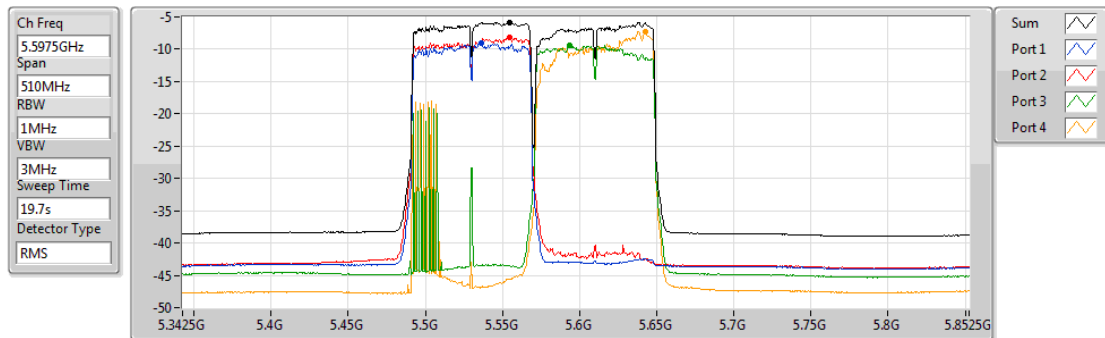
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)
-11.68	-11.68			-14.28	-14.32

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

11/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)	(dBm/10MHz)
-5.86	-5.86	-9.01	-8.17	-9.36	-7.33

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	1.90	22.92
802.11ac VHT20_Nss1,(MCS0)_4TX	1.95	22.97
802.11ac VHT40_Nss1,(MCS0)_4TX	1.62	22.64
802.11ac VHT80_Nss1,(MCS0)_4TX	-3.95	17.07
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-4.41	13.60
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-4.10	16.92
802.11ac VHT20_Nss1,(MCS0)_4TX	-4.17	16.85
802.11ac VHT40_Nss1,(MCS0)_4TX	-4.24	16.78
802.11ac VHT80_Nss1,(MCS0)_4TX	-4.08	16.94
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-4.22	13.79
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-4.19	16.83
802.11ac VHT20_Nss1,(MCS0)_4TX	-4.07	16.95
802.11ac VHT40_Nss1,(MCS0)_4TX	-4.15	16.87
802.11ac VHT80_Nss1,(MCS0)_4TX	-4.30	16.72
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-7.65	10.36
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.74	28.76
802.11ac VHT20_Nss1,(MCS0)_4TX	6.94	27.96
802.11ac VHT40_Nss1,(MCS0)_4TX	3.60	24.62
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.07	20.95

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-4.40	-4.73	-4.87	-3.85	1.52	1.98	22.54	23.00
5200MHz	Pass	21.02	-4.00	-4.19	-4.58	-3.45	1.90	1.98	22.92	23.00
5240MHz	Pass	21.02	-4.30	-4.02	-4.84	-3.83	1.65	1.98	22.67	23.00
5260MHz	Pass	21.02	-10.18	-10.16	-9.70	-9.85	-4.10	-4.02	16.92	17.00
5300MHz	Pass	21.02	-10.89	-10.20	-9.57	-9.84	-4.18	-4.02	16.84	17.00
5320MHz	Pass	21.02	-10.75	-10.09	-10.16	-10.19	-4.35	-4.02	16.67	17.00
5500MHz	Pass	21.02	-10.36	-9.86	-9.97	-10.22	-4.19	-4.02	16.83	17.00
5580MHz	Pass	21.02	-10.29	-9.83	-10.53	-9.87	-4.19	-4.02	16.83	17.00
5640MHz	Pass	21.02	-11.17	-9.70	-10.10	-9.67	-4.23	-4.02	16.79	17.00
5745MHz	Pass	21.02	1.80	1.47	1.74	2.18	7.74	14.98	28.76	36.00
5785MHz	Pass	21.02	0.79	0.60	0.82	0.45	6.57	14.98	27.59	36.00
5825MHz	Pass	21.02	0.36	0.88	1.05	1.34	6.88	14.98	27.90	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-3.73	-3.93	-4.09	-3.24	1.95	1.98	22.97	23.00
5200MHz	Pass	21.02	-3.64	-3.85	-4.32	-3.38	1.79	1.98	22.81	23.00
5240MHz	Pass	21.02	-3.95	-3.92	-4.58	-3.47	1.69	1.98	22.71	23.00
5260MHz	Pass	21.02	-10.13	-10.03	-9.72	-9.52	-4.22	-4.02	16.80	17.00
5300MHz	Pass	21.02	-10.33	-9.97	-9.62	-9.44	-4.17	-4.02	16.85	17.00
5320MHz	Pass	21.02	-10.22	-10.14	-9.96	-10.13	-4.52	-4.02	16.50	17.00
5500MHz	Pass	21.02	-10.50	-9.82	-10.14	-10.29	-4.59	-4.02	16.43	17.00
5580MHz	Pass	21.02	-9.86	-9.24	-9.92	-9.69	-4.07	-4.02	16.95	17.00
5640MHz	Pass	21.02	-11.18	-9.91	-10.03	-9.64	-4.31	-4.02	16.71	17.00
5745MHz	Pass	21.02	1.14	0.94	1.51	1.96	6.94	14.98	27.96	36.00
5785MHz	Pass	21.02	1.35	0.94	1.30	1.16	6.77	14.98	27.79	36.00
5825MHz	Pass	21.02	0.61	0.87	1.43	1.60	6.72	14.98	27.74	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	-4.67	-4.51	-4.71	-3.82	1.49	1.98	22.51	23.00
5230MHz	Pass	21.02	-4.52	-4.00	-4.64	-4.35	1.62	1.98	22.64	23.00
5270MHz	Pass	21.02	-10.69	-10.73	-9.78	-9.89	-4.30	-4.02	16.72	23.00
5310MHz	Pass	21.02	-10.16	-10.32	-9.88	-10.14	-4.24	-4.02	16.78	17.00
5510MHz	Pass	21.02	-10.41	-9.85	-10.25	-10.60	-4.32	-4.02	16.70	17.00
5550MHz	Pass	21.02	-9.95	-9.85	-10.50	-10.84	-4.34	-4.02	16.68	17.00
5630MHz	Pass	21.02	-11.09	-9.36	-10.13	-9.80	-4.15	-4.02	16.87	17.00
5755MHz	Pass	21.02	-2.85	-2.60	-2.40	-2.39	3.39	14.98	24.41	36.00
5795MHz	Pass	21.02	-2.41	-2.46	-2.08	-2.45	3.60	14.98	24.62	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	-9.45	-9.75	-10.59	-9.27	-3.95	1.98	17.07	23.00
5290MHz	Pass	21.02	-10.06	-10.25	-9.91	-9.42	-4.08	-4.02	16.94	17.00
5530MHz	Pass	21.02	-9.99	-9.78	-10.69	-10.52	-4.40	-4.02	16.62	17.00
5610MHz	Pass	21.02	-10.70	-9.59	-10.57	-9.90	-4.30	-4.02	16.72	17.00
5775MHz	Pass	21.02	-6.67	-6.36	-5.91	-5.17	-0.07	14.98	20.95	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	-7.61	-7.05			-4.41	4.99	13.60	23.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			-7.09	-7.36	-4.22	-1.01	13.79	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	-10.82	-10.09	-10.89	-10.59	-7.65	-1.01	10.36	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

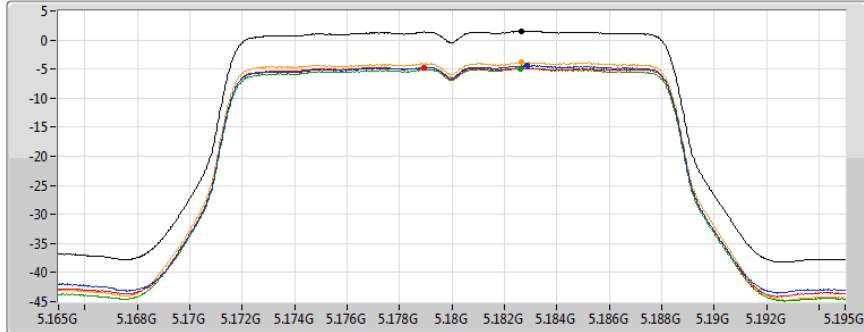
802.11a_Nss1,(6Mbps)_4TX

5180MHz

PSD

08/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.52	1.52	-4.40	-4.73	-4.87	-3.85

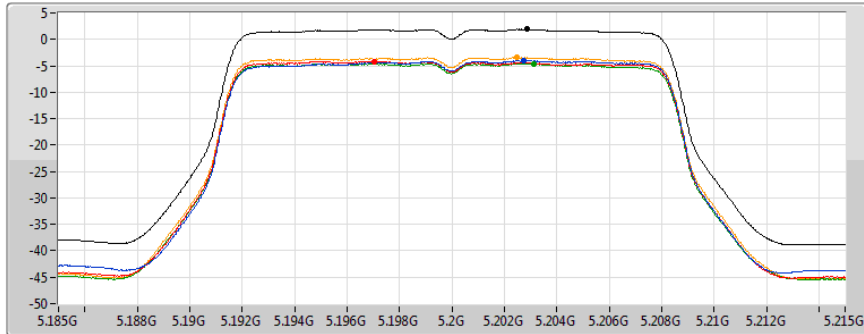
802.11a_Nss1,(6Mbps)_4TX

5200MHz

PSD

08/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.90	1.90	-4.00	-4.19	-4.58	-3.45

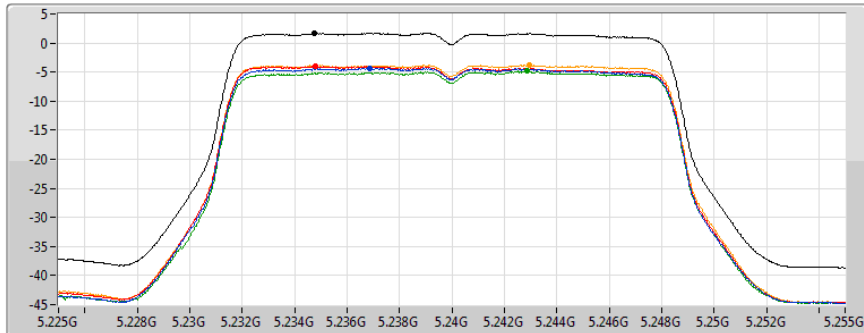
802.11a_Nss1,(6Mbps)_4TX

5240MHz

PSD

08/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS

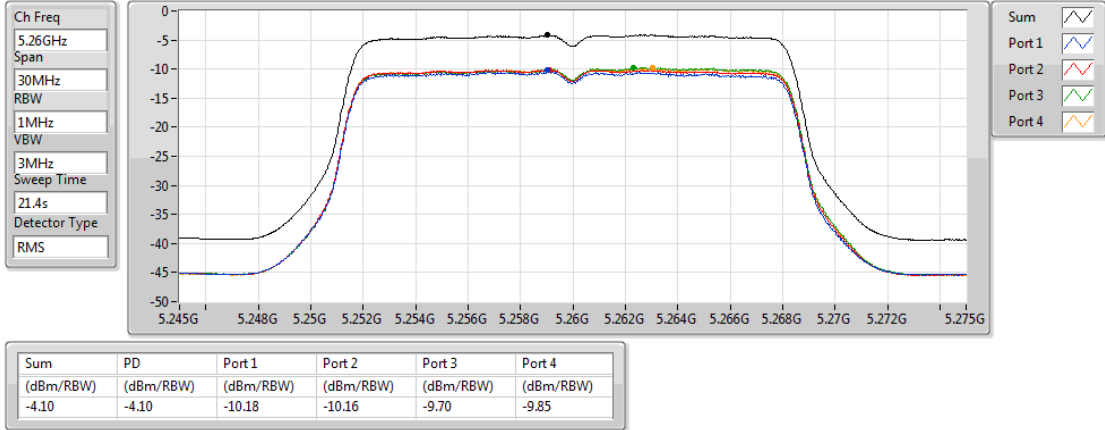


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	-4.30	-4.02	-4.84	-3.83

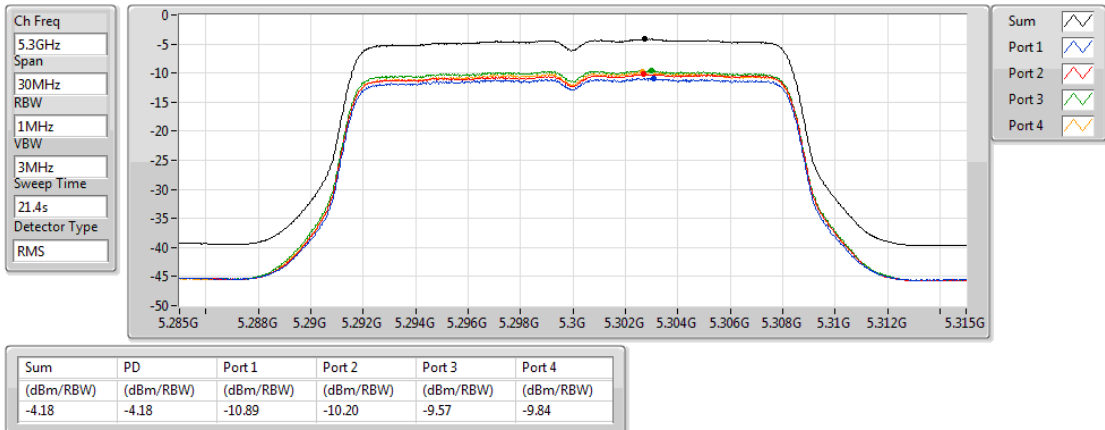
802.11a_Nss1,(6Mbps)_4TX

5260MHz



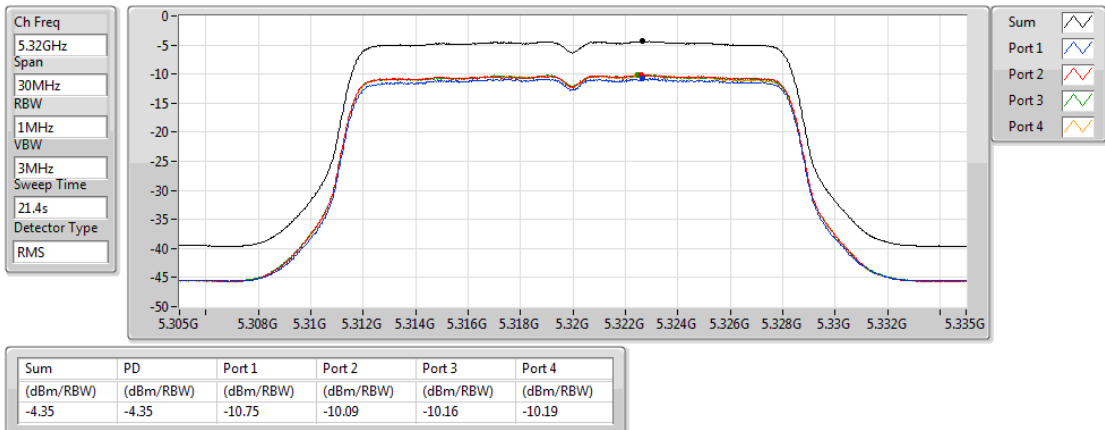
802.11a_Nss1,(6Mbps)_4TX

5300MHz



802.11a_Nss1,(6Mbps)_4TX

5320MHz

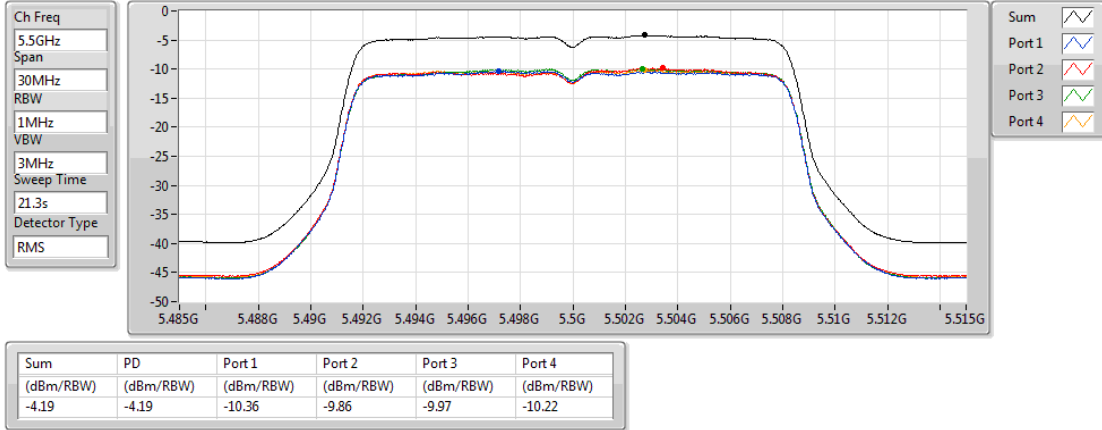


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

08/12/2017

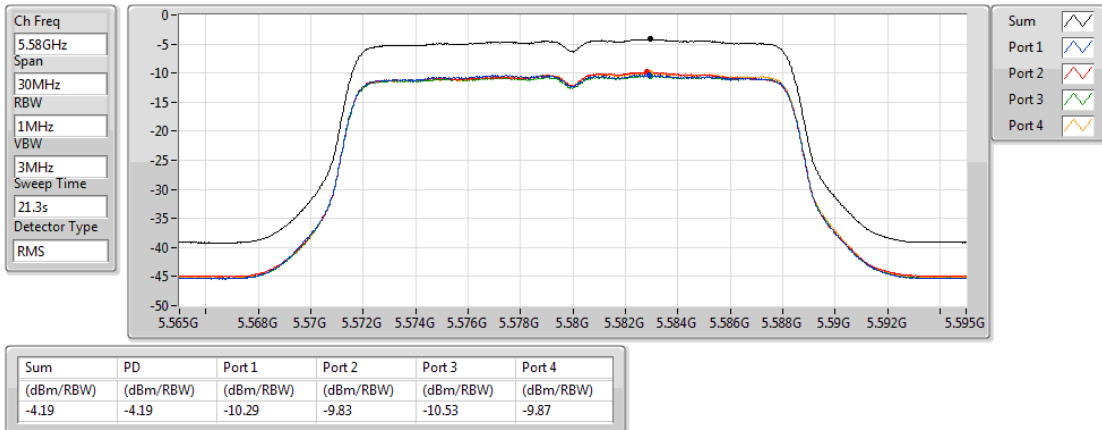


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

08/12/2017

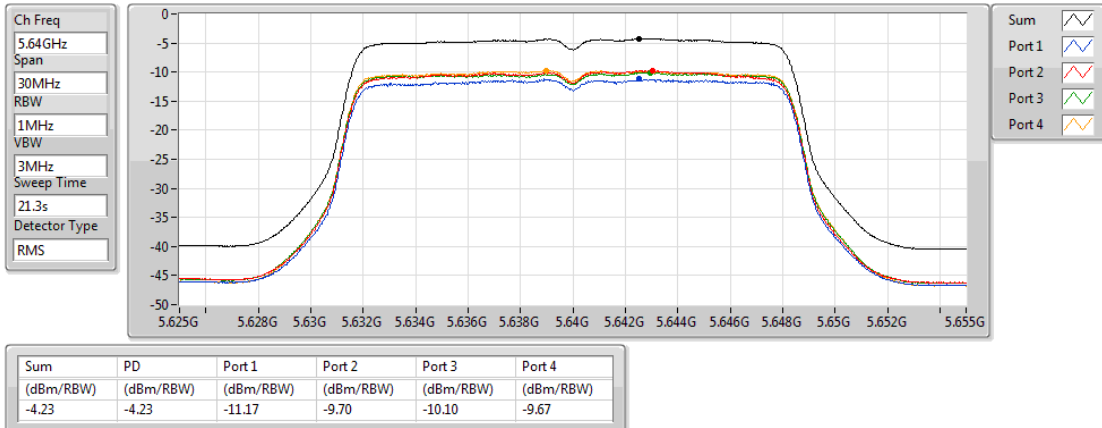


802.11a_Nss1,(6Mbps)_4TX

PSD

5640MHz

19/12/2017



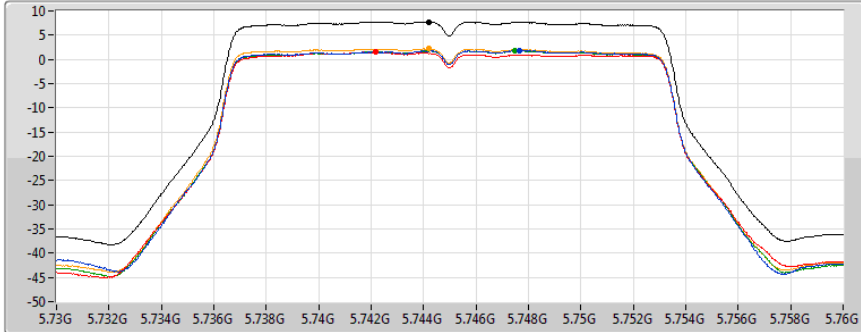
802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

08/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	1.80	1.47	1.74	2.18

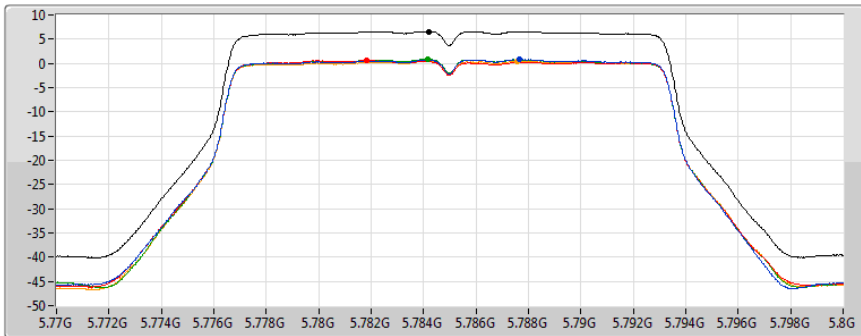
802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

08/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	0.79	0.60	0.82	0.45

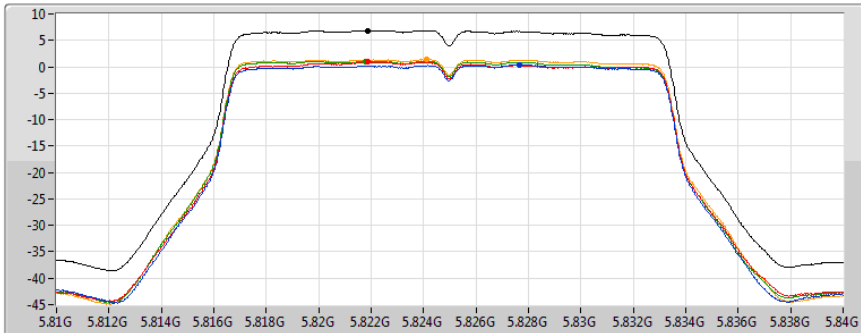
802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

08/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	0.36	0.88	1.05	1.34

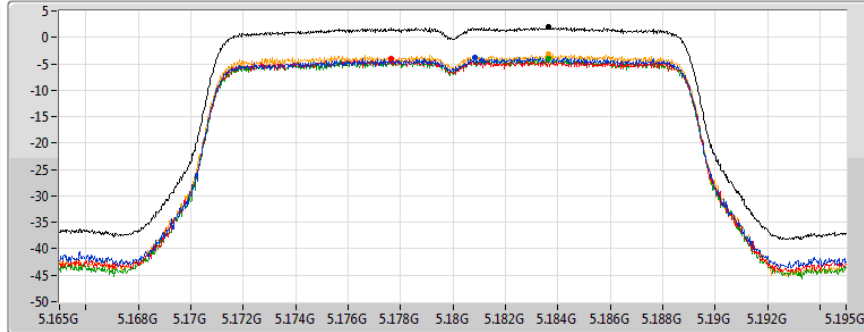
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

08/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-3.73	-3.93	-4.09	-3.24

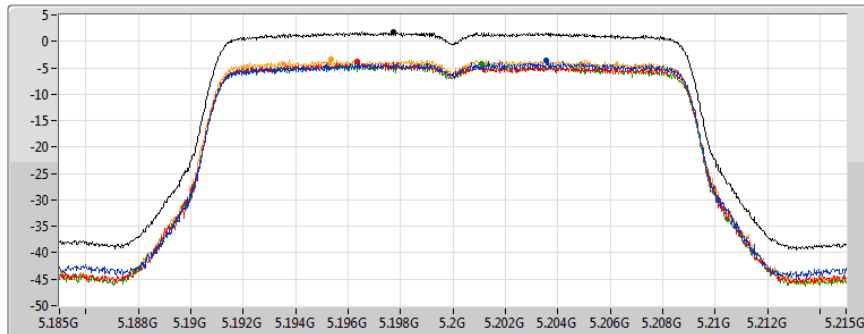
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

08/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-3.64	-3.85	-4.32	-3.38

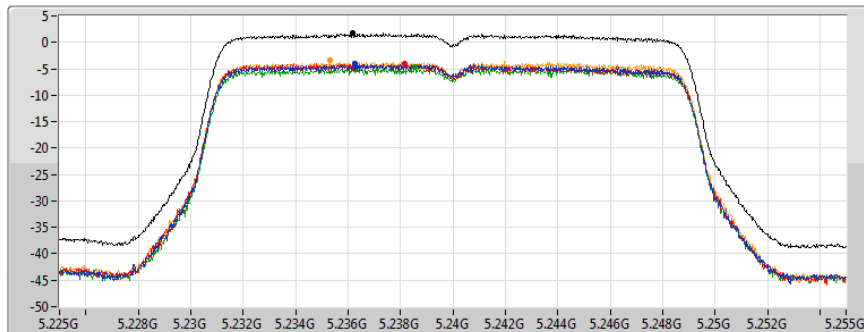
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

08/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.69	1.69	-3.95	-3.92	-4.58	-3.47

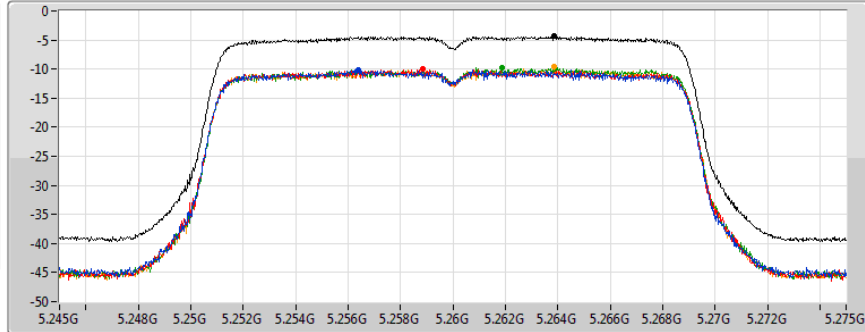
802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

08/12/2017

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-10.13	-10.03	-9.72	-9.52

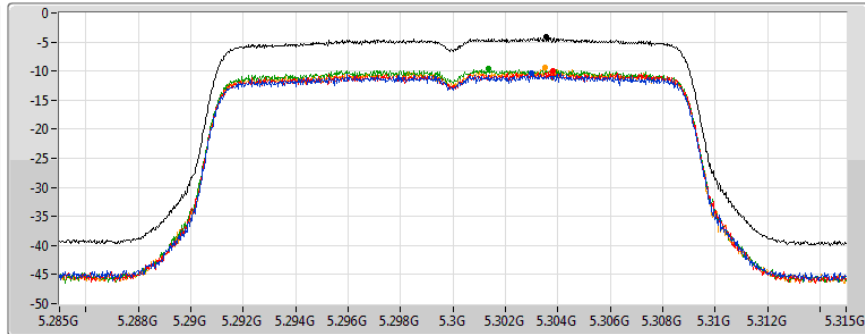
802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz

PSD

08/12/2017

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.17	-4.17	-10.33	-9.97	-9.62	-9.44

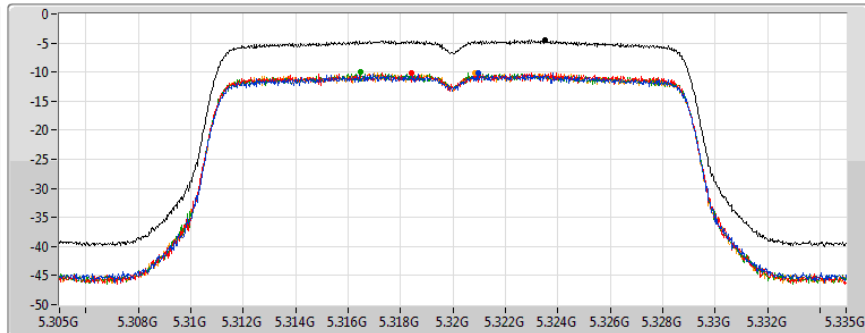
802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz

PSD

08/12/2017

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

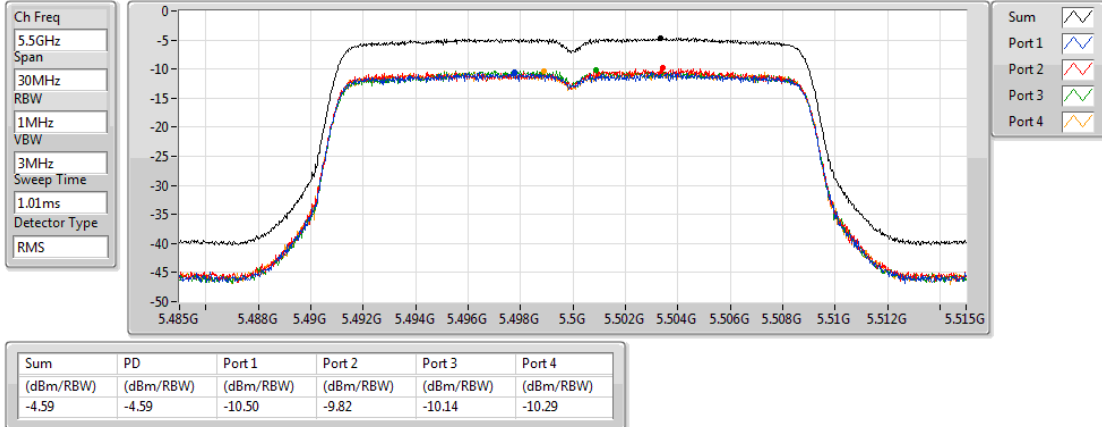
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.52	-4.52	-10.22	-10.14	-9.96	-10.13

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

08/12/2017

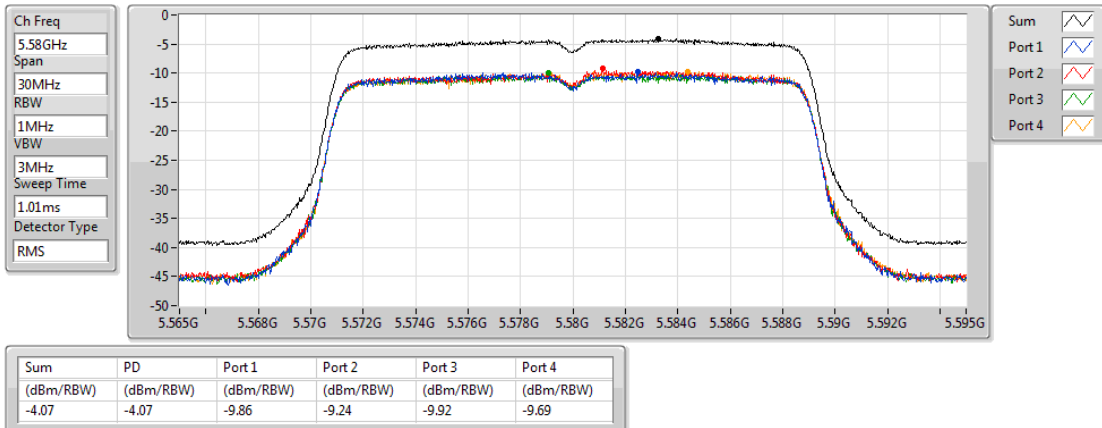


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

08/12/2017

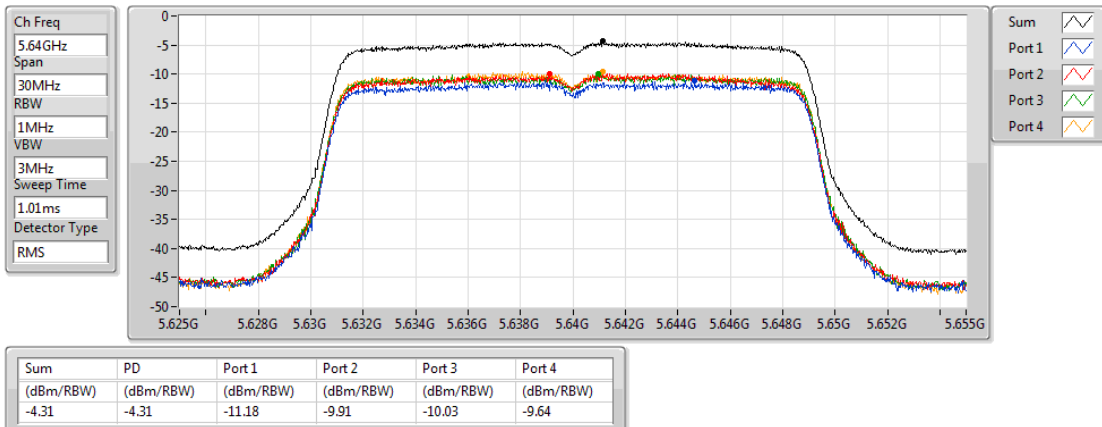


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5640MHz

19/12/2017



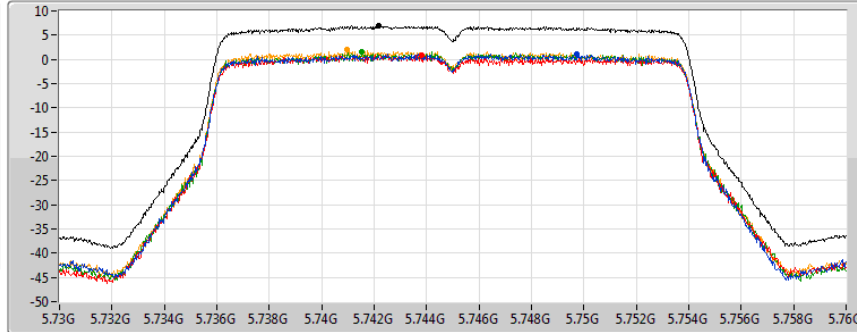
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

08/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.94	6.94	1.14	0.94	1.51	1.96

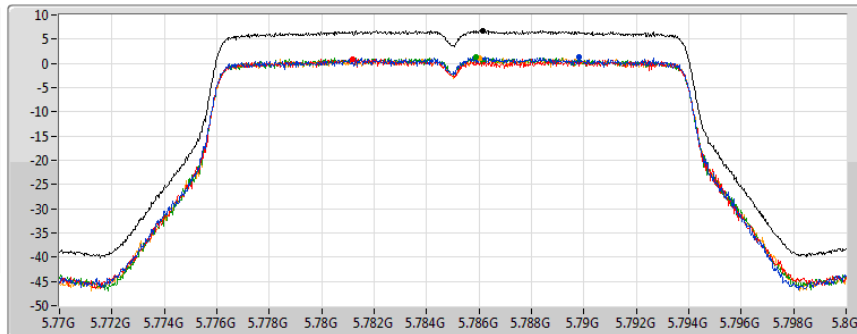
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

08/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.77	6.77	1.35	0.94	1.30	1.16

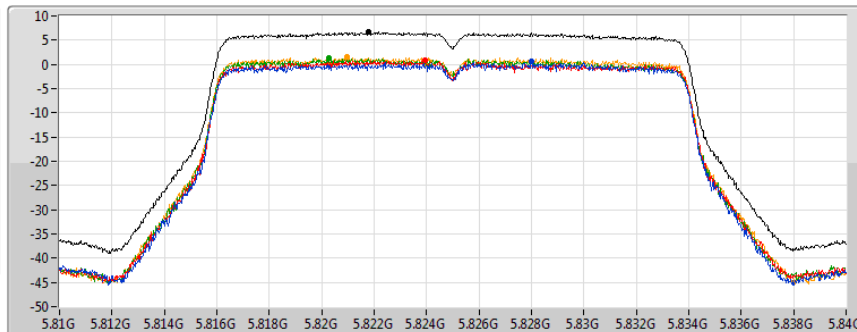
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

08/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

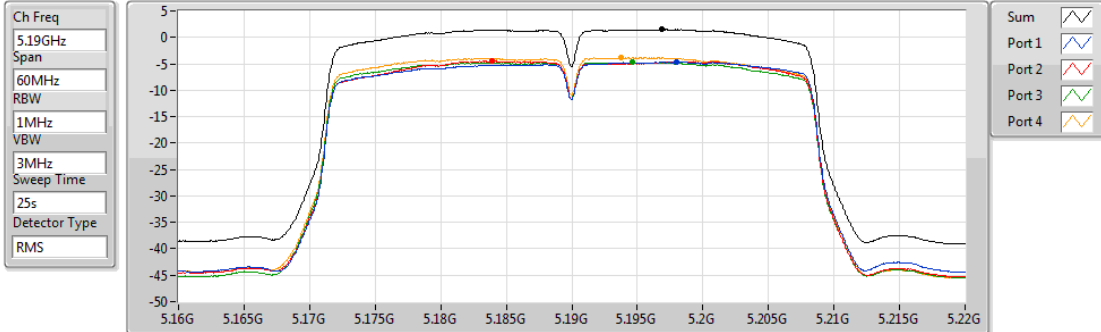
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.72	6.72	0.61	0.87	1.43	1.60

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

08/12/2017



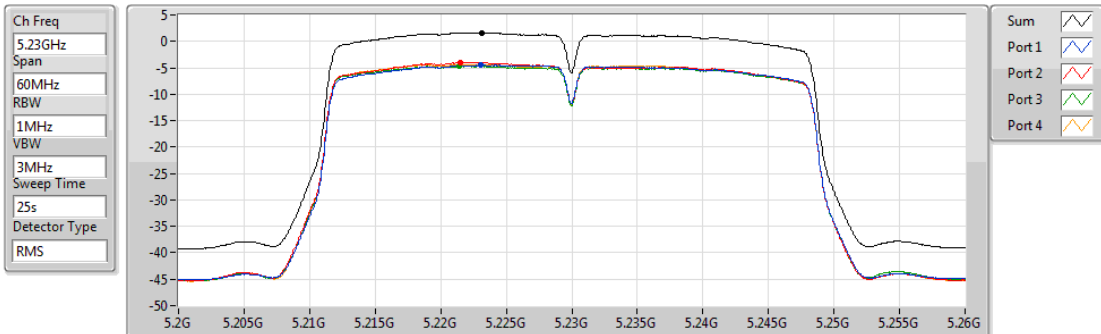
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
1.49	1.49	-4.67	-4.51	-4.71	-3.82

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

08/12/2017



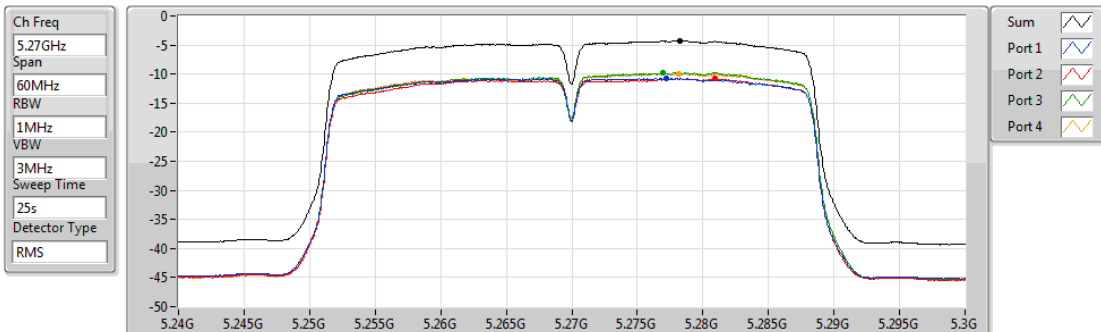
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
1.62	1.62	-4.52	-4.00	-4.64	-4.35

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

08/12/2017



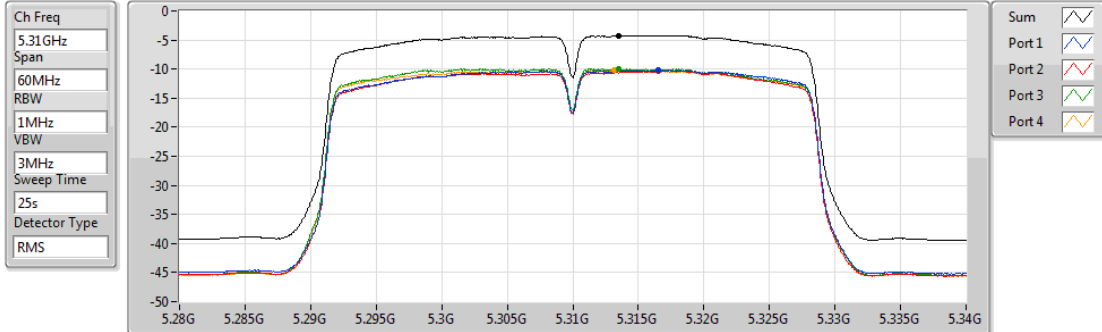
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
-4.30	-4.30	-10.69	-10.73	-9.78	-9.89

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

08/12/2017



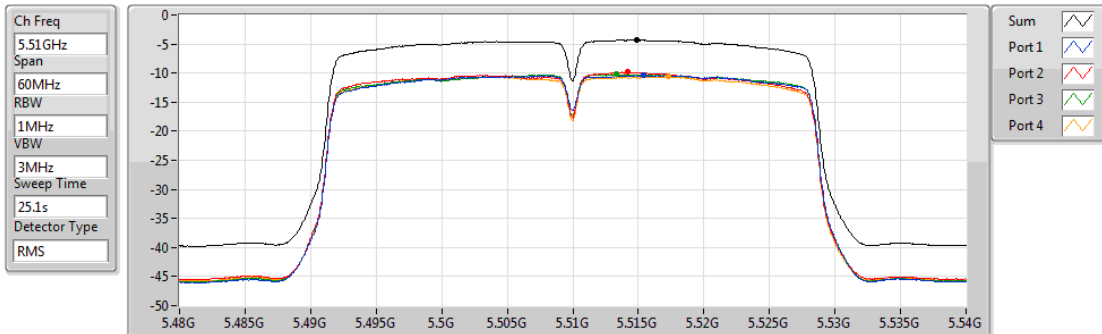
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.24	-4.24	-10.16	-10.32	-9.88	-10.14

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

08/12/2017



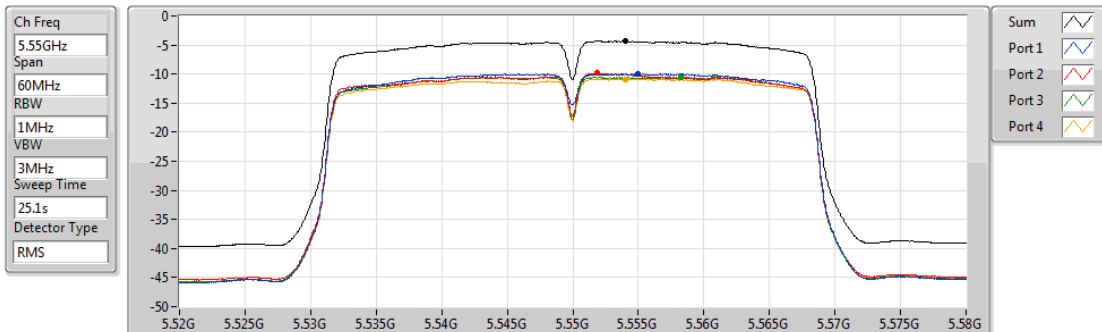
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-10.41	-9.85	-10.25	-10.60

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

08/12/2017



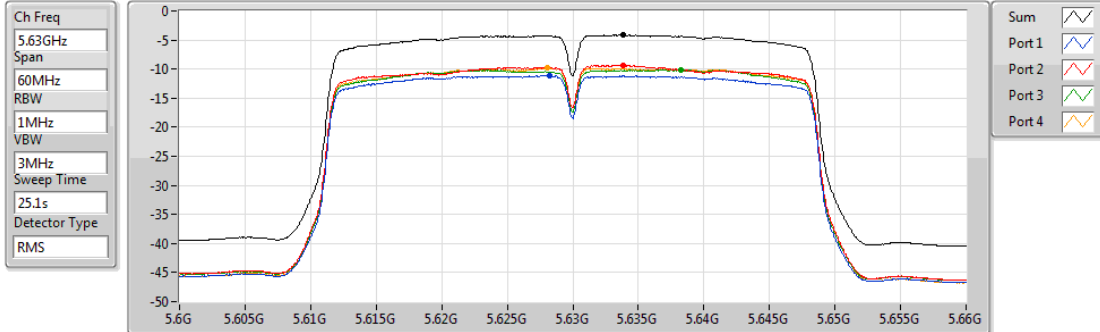
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.34	-4.34	-9.95	-9.85	-10.50	-10.84

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5630MHz

19/12/2017



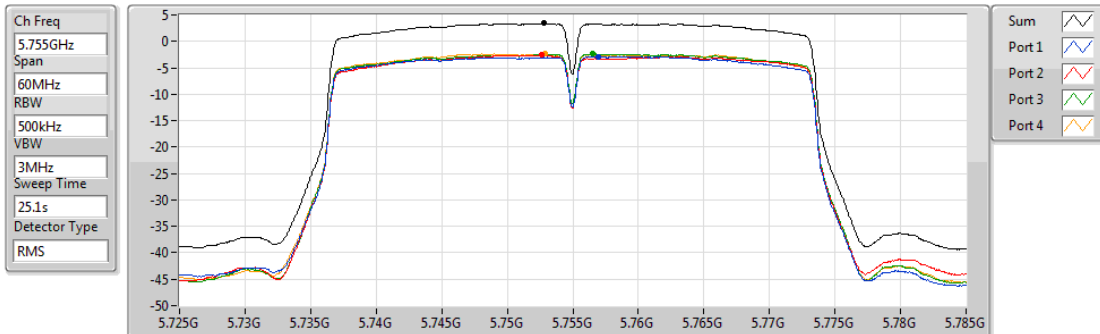
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.15	-4.15	-11.09	-9.36	-10.13	-9.80

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

08/12/2017



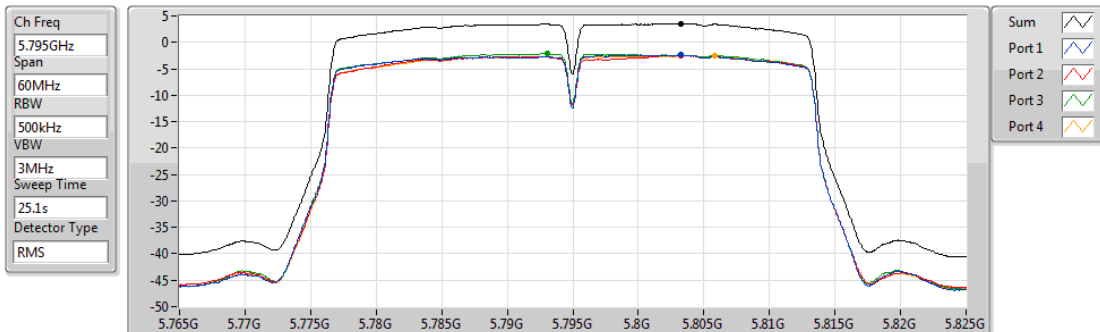
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	-2.85	-2.60	-2.40	-2.39

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

08/12/2017



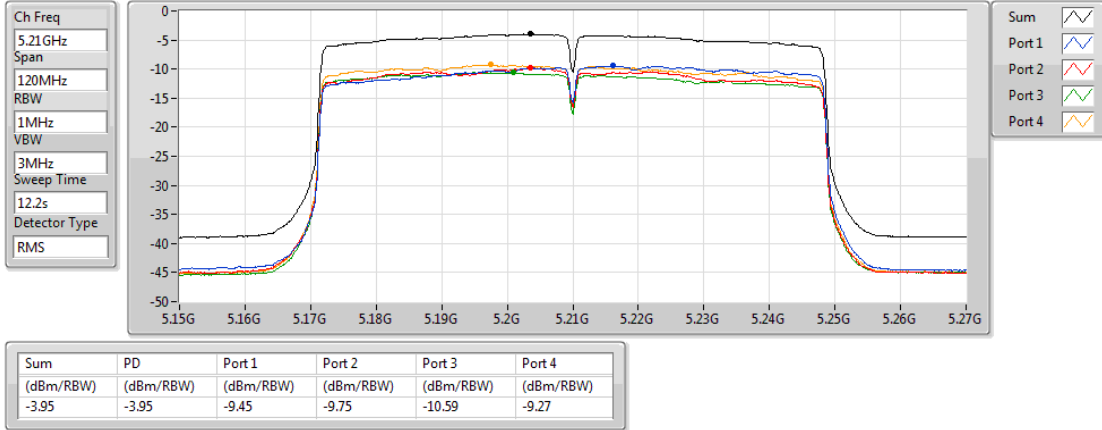
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.60	3.60	-2.41	-2.46	-2.08	-2.45

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

08/12/2017

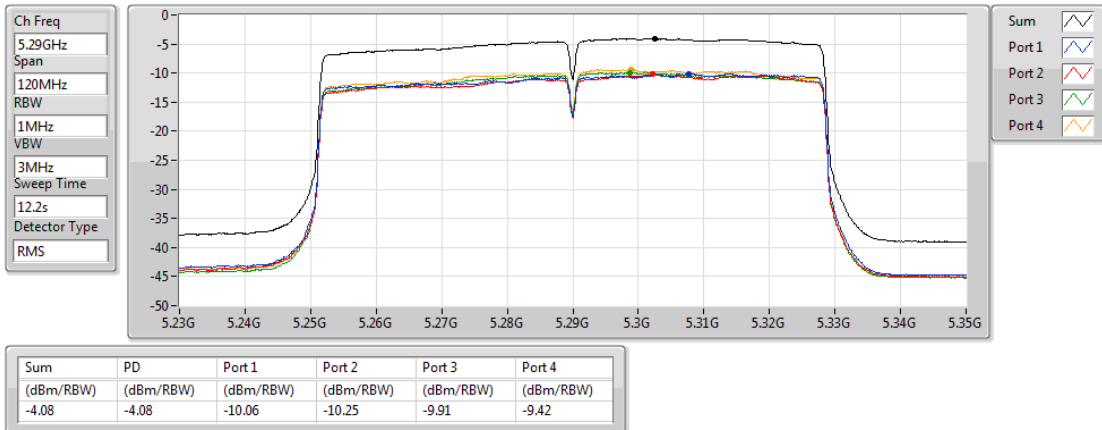


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

08/12/2017

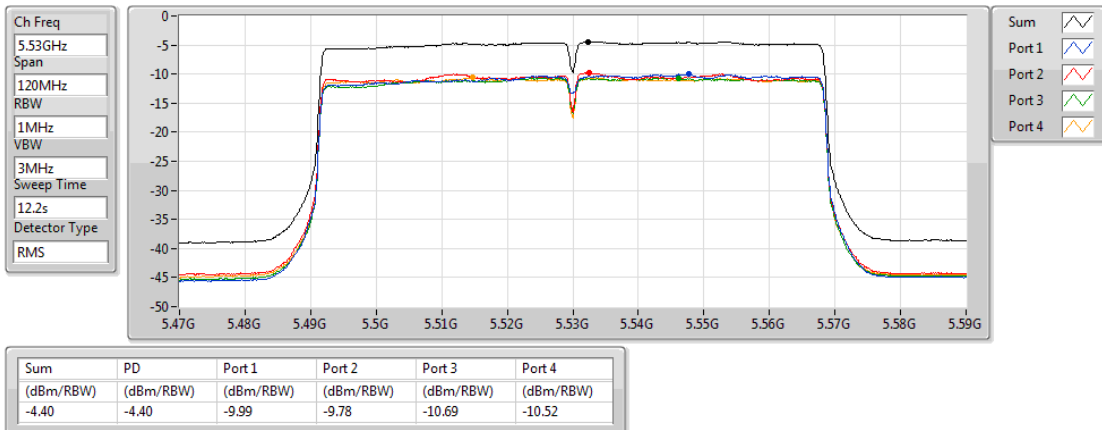


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

08/12/2017



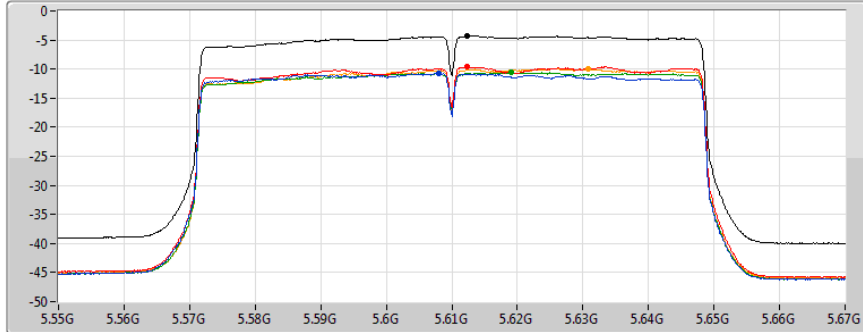
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

08/12/2017

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-10.70	-9.59	-10.57	-9.90

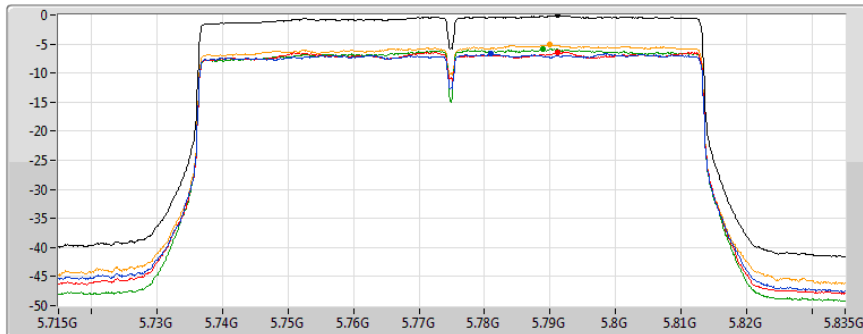
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

22/01/2018

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.07	-0.07	-6.67	-6.36	-5.91	-5.17

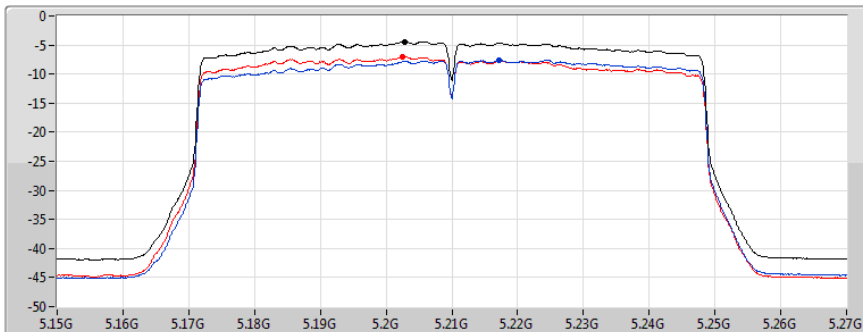
802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port1&Port2)

PSD

#5210MHz,5290MHz

08/12/2017

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
23s
Detector Type
RMS



Sum
Port 1
Port 2

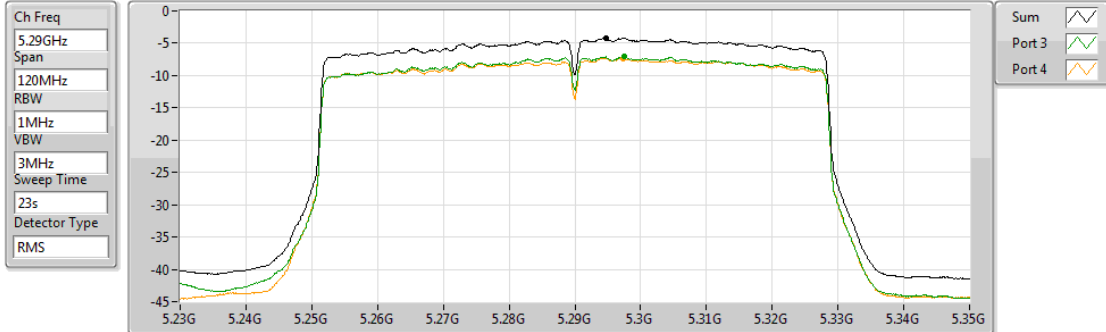
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.41	-4.41	-7.61	-7.05

802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

08/12/2017



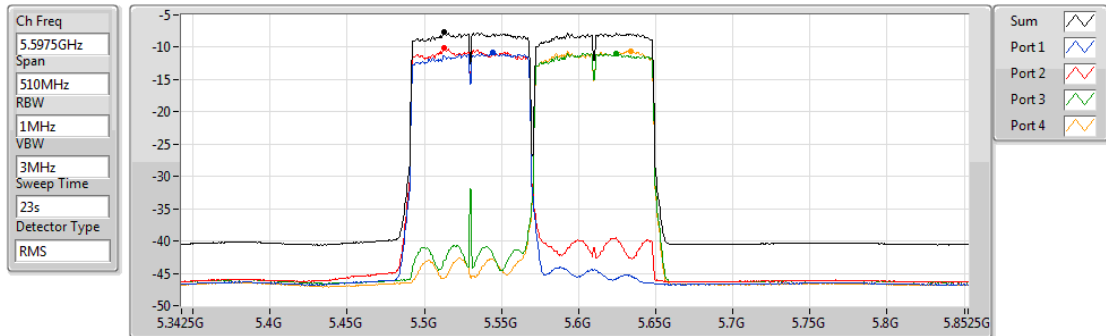
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
-4.22	-4.22			-7.09	-7.36

802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

19/12/2017



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
-7.65	-7.65	-10.82	-10.09	-10.89	-10.59

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-6.98	14.04
802.11ac VHT20_Nss1,(MCS0)_4TX	-7.11	13.91
802.11ac VHT40_Nss1,(MCS0)_4TX	-10.10	10.92
802.11ac VHT80_Nss1,(MCS0)_4TX	-14.57	6.45
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-13.08	4.93
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-4.10	16.92
802.11ac VHT20_Nss1,(MCS0)_4TX	-4.17	16.85
802.11ac VHT40_Nss1,(MCS0)_4TX	-4.24	16.78
802.11ac VHT80_Nss1,(MCS0)_4TX	-4.08	16.94
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-12.99	5.02
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-4.19	16.83
802.11ac VHT20_Nss1,(MCS0)_4TX	-4.07	16.95
802.11ac VHT40_Nss1,(MCS0)_4TX	-4.15	16.87
802.11ac VHT80_Nss1,(MCS0)_4TX	-4.30	16.72
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-7.65	10.36
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.74	28.76
802.11ac VHT20_Nss1,(MCS0)_4TX	6.94	27.96
802.11ac VHT40_Nss1,(MCS0)_4TX	3.60	24.62
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.07	20.95

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-13.27	-12.80	-12.63	-12.78	-6.98	1.98	14.04	23.00
5200MHz	Pass	21.02	-13.52	-13.73	-13.66	-13.04	-7.53	1.98	13.49	23.00
5240MHz	Pass	21.02	-13.27	-13.29	-13.94	-12.96	-7.37	1.98	13.65	23.00
5260MHz	Pass	21.02	-10.18	-10.16	-9.70	-9.85	-4.10	-4.02	16.92	17.00
5300MHz	Pass	21.02	-10.89	-10.20	-9.57	-9.84	-4.18	-4.02	16.84	17.00
5320MHz	Pass	21.02	-10.75	-10.09	-10.16	-10.19	-4.35	-4.02	16.67	17.00
5500MHz	Pass	21.02	-10.36	-9.86	-9.97	-10.22	-4.19	-4.02	16.83	17.00
5580MHz	Pass	21.02	-10.29	-9.83	-10.53	-9.87	-4.19	-4.02	16.83	17.00
5640MHz	Pass	21.02	-11.17	-9.70	-10.10	-9.67	-4.23	-4.02	16.79	17.00
5745MHz	Pass	21.02	1.80	1.47	1.74	2.18	7.74	14.98	28.76	36.00
5785MHz	Pass	21.02	0.79	0.60	0.82	0.45	6.57	14.98	27.59	36.00
5825MHz	Pass	21.02	0.36	0.88	1.05	1.34	6.88	14.98	27.90	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-13.38	-12.80	-12.40	-12.62	-7.16	1.98	13.86	23.00
5200MHz	Pass	21.02	-13.04	-12.91	-12.98	-12.58	-7.29	1.98	13.73	23.00
5240MHz	Pass	21.02	-12.64	-12.41	-13.29	-12.48	-7.11	1.98	13.91	23.00
5260MHz	Pass	21.02	-10.13	-10.03	-9.72	-9.52	-4.22	-4.02	16.80	17.00
5300MHz	Pass	21.02	-10.33	-9.97	-9.62	-9.44	-4.17	-4.02	16.85	17.00
5320MHz	Pass	21.02	-10.22	-10.14	-9.96	-10.13	-4.52	-4.02	16.50	17.00
5500MHz	Pass	21.02	-10.50	-9.82	-10.14	-10.29	-4.59	-4.02	16.43	17.00
5580MHz	Pass	21.02	-9.86	-9.24	-9.92	-9.69	-4.07	-4.02	16.95	17.00
5640MHz	Pass	21.02	-11.18	-9.91	-10.03	-9.64	-4.31	-4.02	16.71	17.00
5745MHz	Pass	21.02	1.14	0.94	1.51	1.96	6.94	14.98	27.96	36.00
5785MHz	Pass	21.02	1.35	0.94	1.30	1.16	6.77	14.98	27.79	36.00
5825MHz	Pass	21.02	0.61	0.87	1.43	1.60	6.72	14.98	27.74	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	-16.45	-15.92	-16.50	-16.11	-10.37	1.98	10.65	23.00
5230MHz	Pass	21.02	-15.92	-16.22	-16.59	-15.74	-10.10	1.98	10.92	23.00
5270MHz	Pass	21.02	-10.69	-10.73	-9.78	-9.89	-4.30	-4.02	16.72	23.00
5310MHz	Pass	21.02	-10.16	-10.32	-9.88	-10.14	-4.24	-4.02	16.78	17.00
5510MHz	Pass	21.02	-10.41	-9.85	-10.25	-10.60	-4.32	-4.02	16.70	17.00
5550MHz	Pass	21.02	-9.95	-9.85	-10.50	-10.84	-4.34	-4.02	16.68	17.00
5630MHz	Pass	21.02	-11.09	-9.36	-10.13	-9.80	-4.15	-4.02	16.87	17.00
5755MHz	Pass	21.02	-2.85	-2.60	-2.40	-2.39	3.39	14.98	24.41	36.00
5795MHz	Pass	21.02	-2.41	-2.46	-2.08	-2.45	3.60	14.98	24.62	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	-20.33	-20.71	-20.77	-19.86	-14.57	1.98	6.45	23.00
5290MHz	Pass	21.02	-10.06	-10.25	-9.91	-9.42	-4.08	-4.02	16.94	17.00
5530MHz	Pass	21.02	-9.99	-9.78	-10.69	-10.52	-4.40	-4.02	16.62	17.00
5610MHz	Pass	21.02	-10.70	-9.59	-10.57	-9.90	-4.30	-4.02	16.72	17.00
5775MHz	Pass	21.02	-6.67	-6.36	-5.91	-5.17	-0.07	14.98	20.95	36.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	-16.28	-15.63			-13.08	4.99	4.93	23.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			-15.85	-15.91	-12.99	-1.01	5.02	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	-10.82	-10.09	-10.89	-10.59	-7.65	-1.01	10.36	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

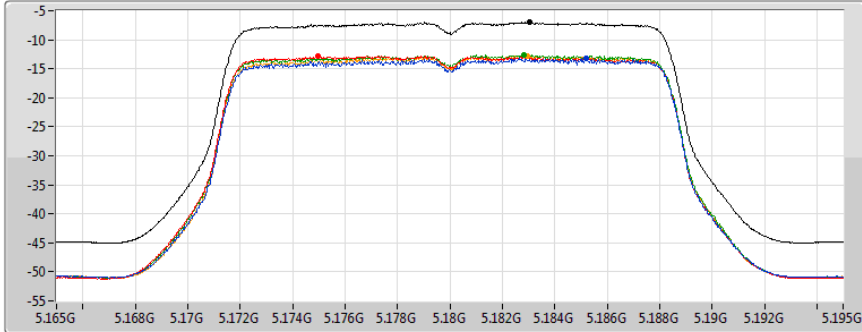
802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

15/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.98	-6.98	-13.27	-12.80	-12.63	-12.78

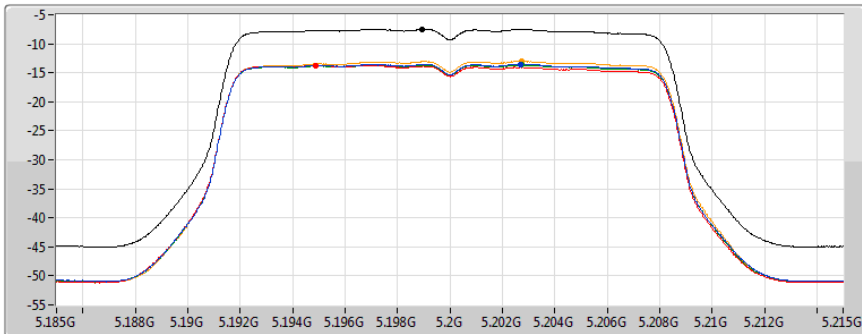
802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

15/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.53	-7.53	-13.52	-13.73	-13.66	-13.04

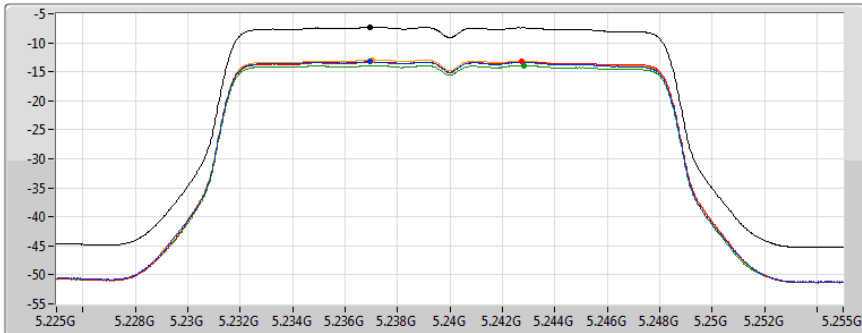
802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

15/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.4s
Detector Type
RMS

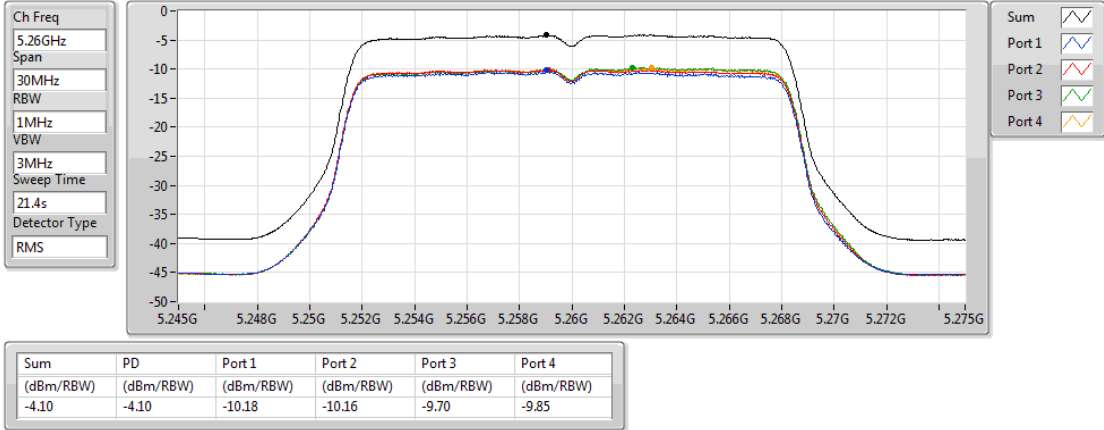


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.37	-7.37	-13.27	-13.29	-13.94	-12.96

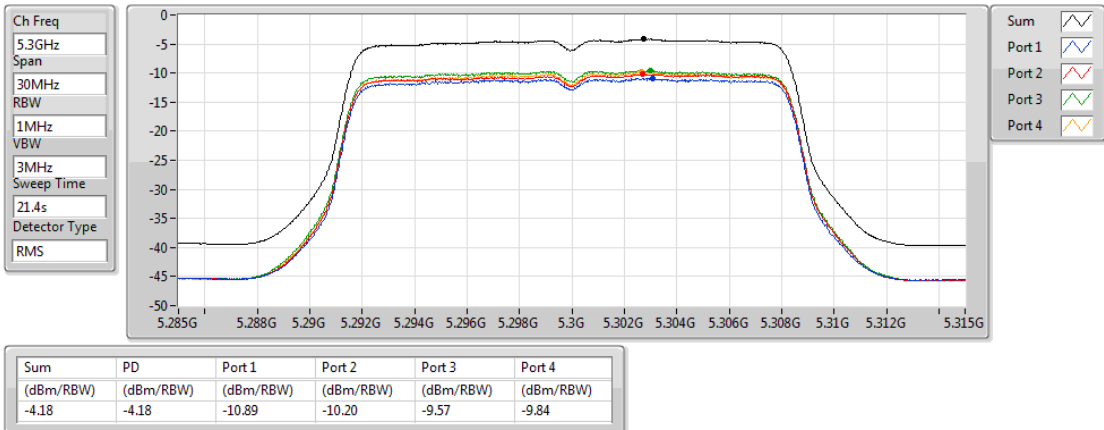
802.11a_Nss1,(6Mbps)_4TX

5260MHz



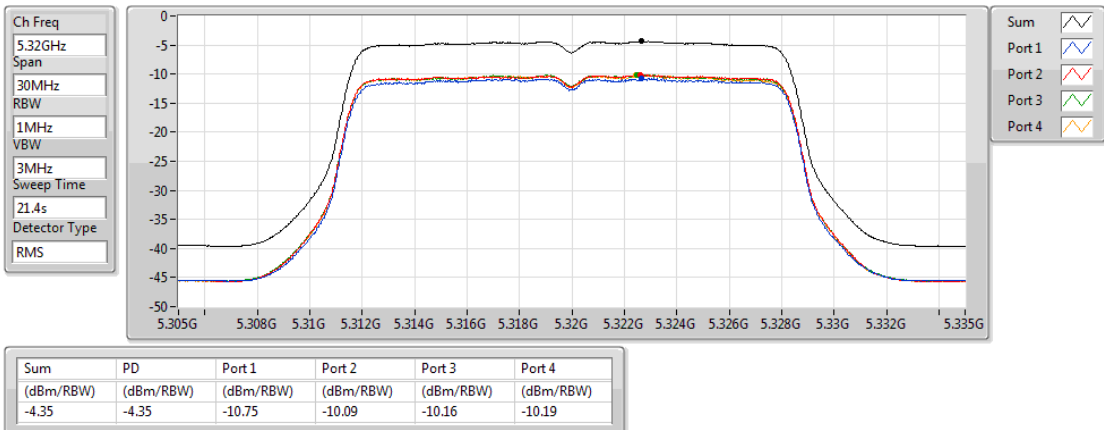
802.11a_Nss1,(6Mbps)_4TX

5300MHz



802.11a_Nss1,(6Mbps)_4TX

5320MHz

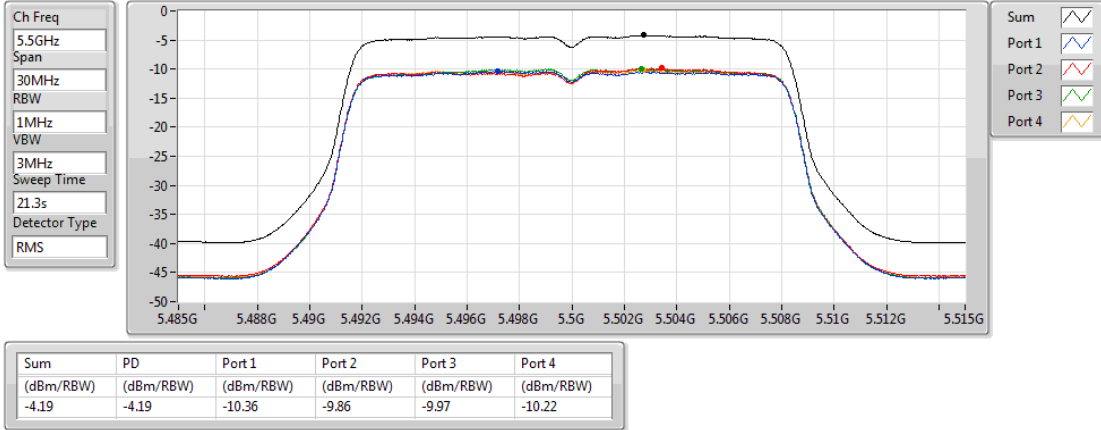


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

08/12/2017

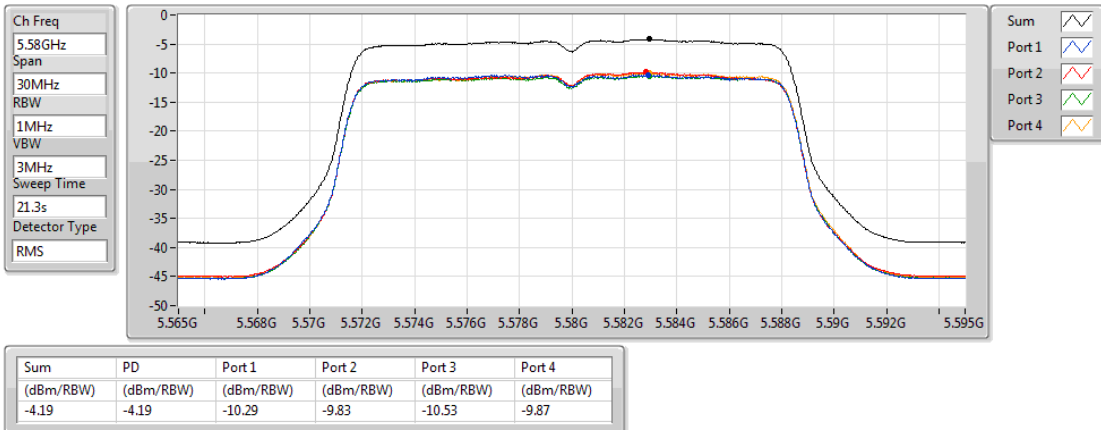


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

08/12/2017

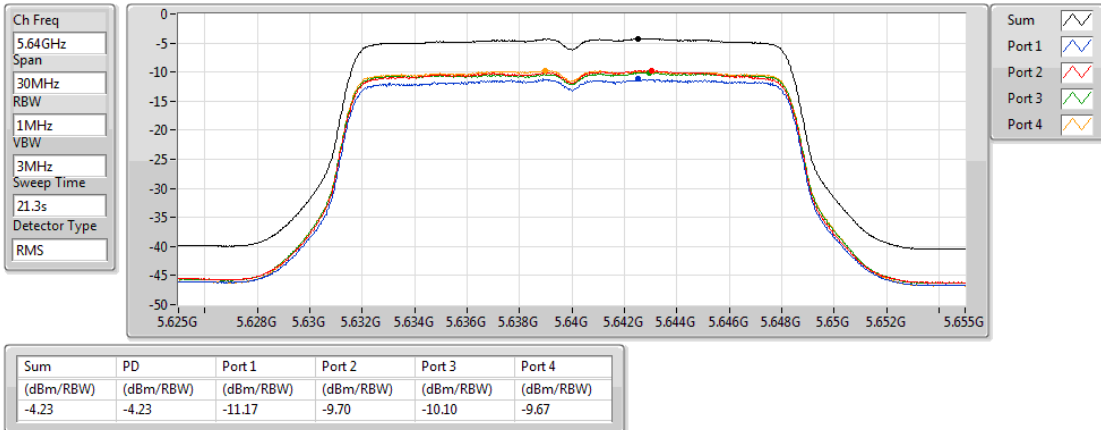


802.11a_Nss1,(6Mbps)_4TX

PSD

5640MHz

19/12/2017



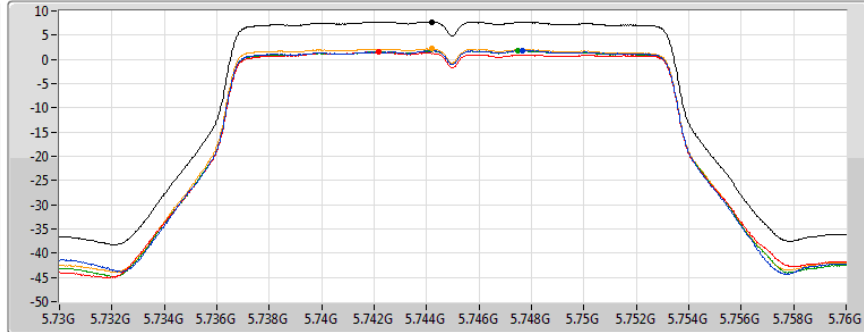
802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

08/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	1.80	1.47	1.74	2.18

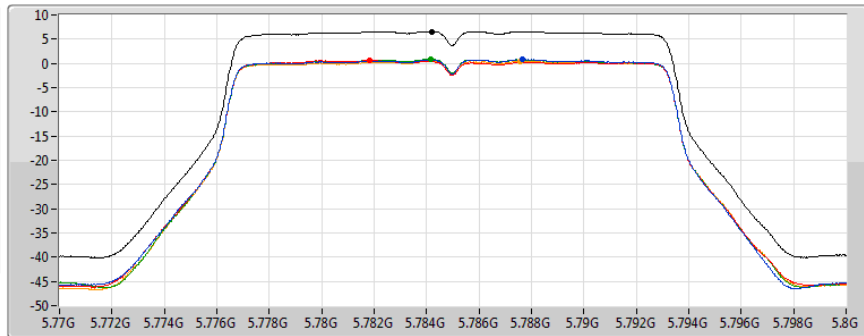
802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

08/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	0.79	0.60	0.82	0.45

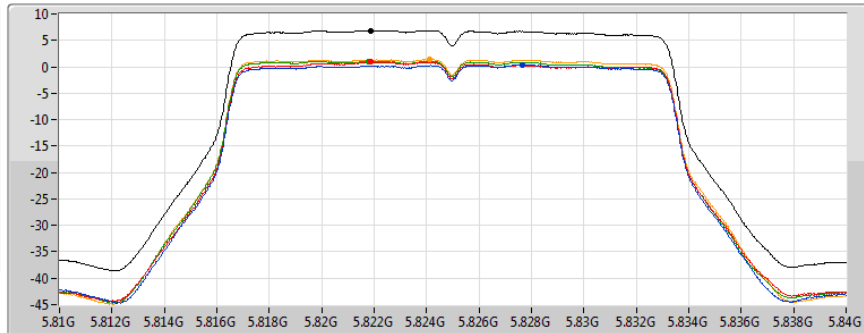
802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

08/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.3s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	0.36	0.88	1.05	1.34

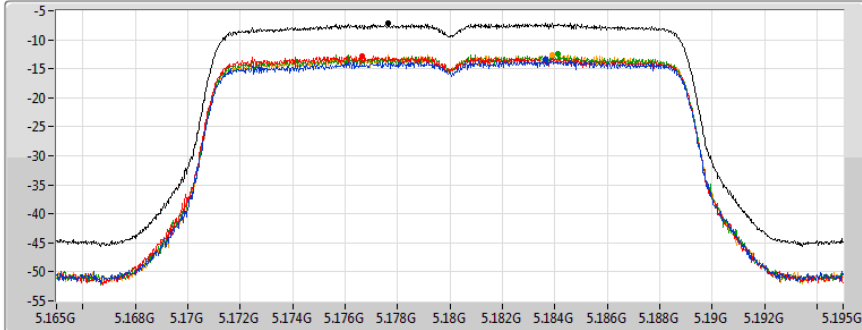
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

15/12/2017

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.16	-7.16	-13.38	-12.80	-12.40	-12.62

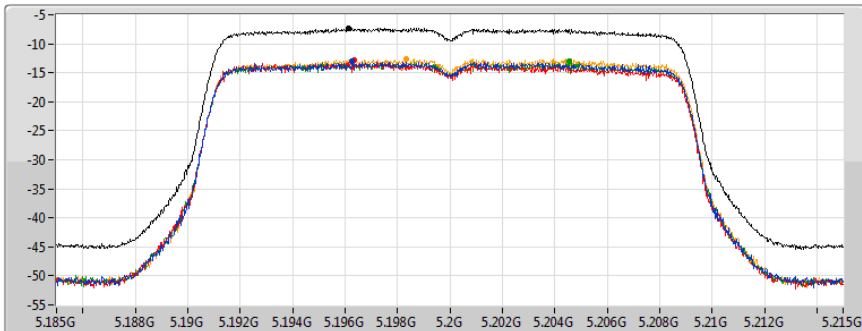
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

15/12/2017

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.29	-7.29	-13.04	-12.91	-12.98	-12.58

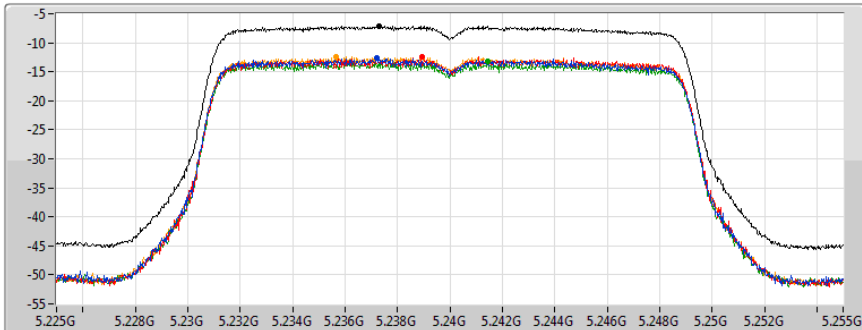
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

15/12/2017

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

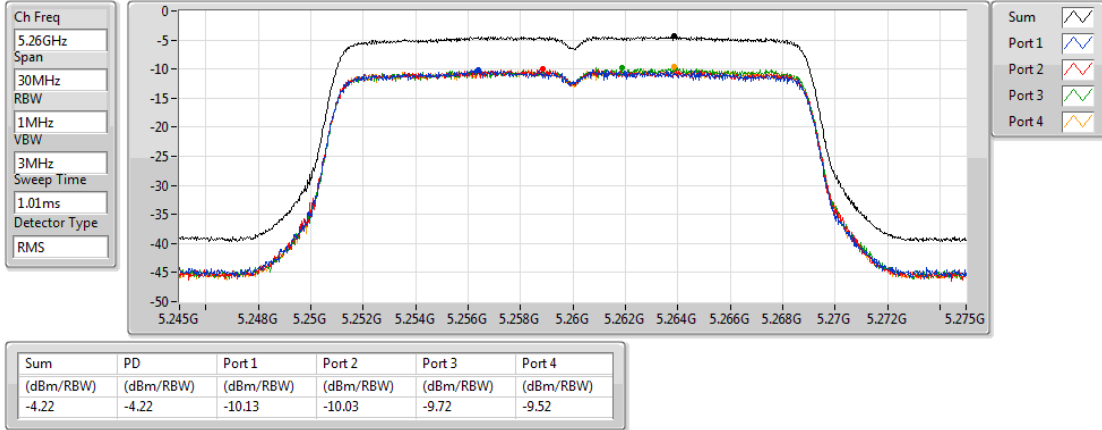
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.11	-7.11	-12.64	-12.41	-13.29	-12.48

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

08/12/2017

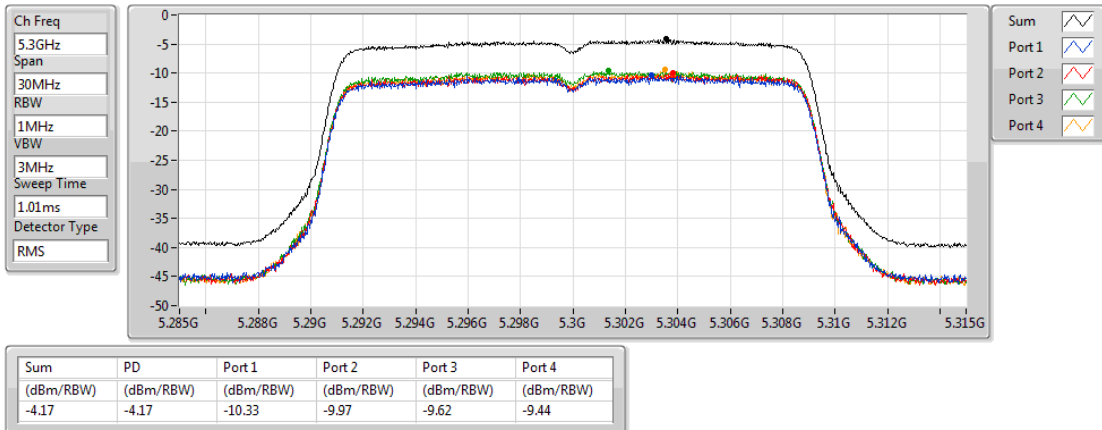


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

08/12/2017

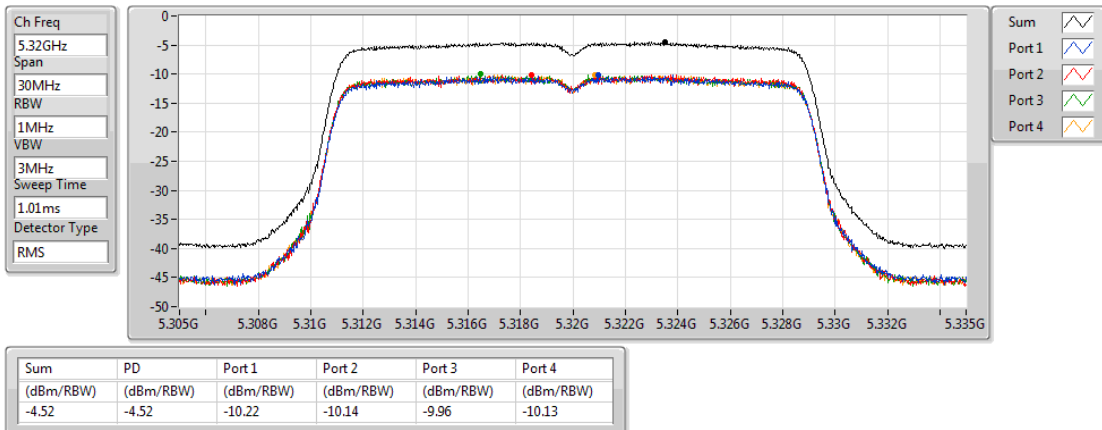


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

08/12/2017

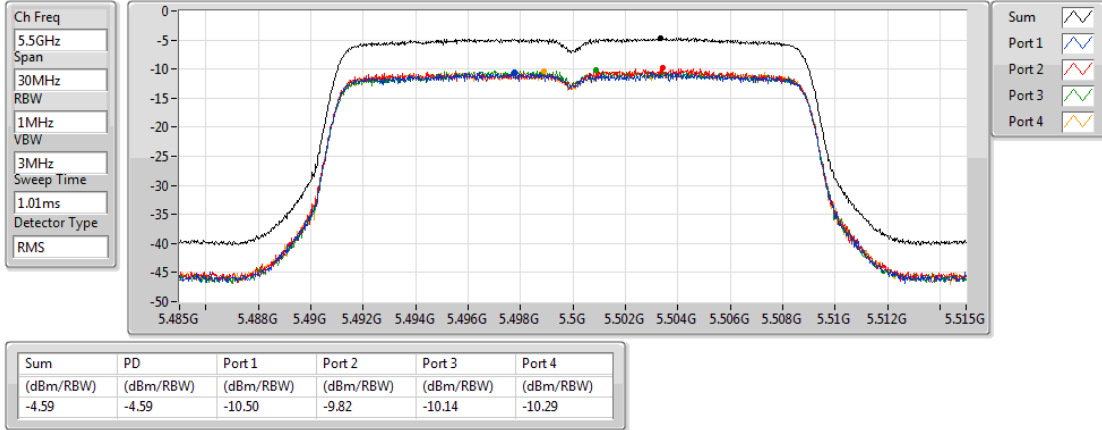


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

08/12/2017

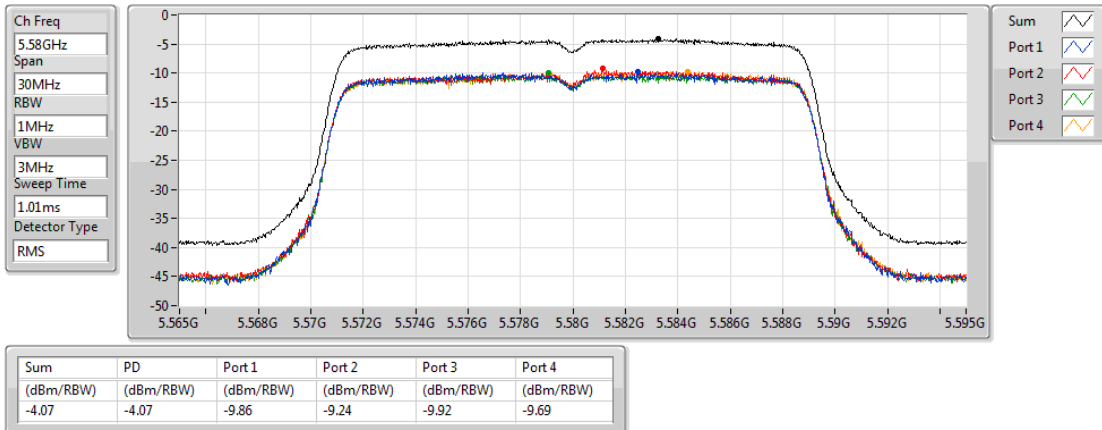


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

08/12/2017

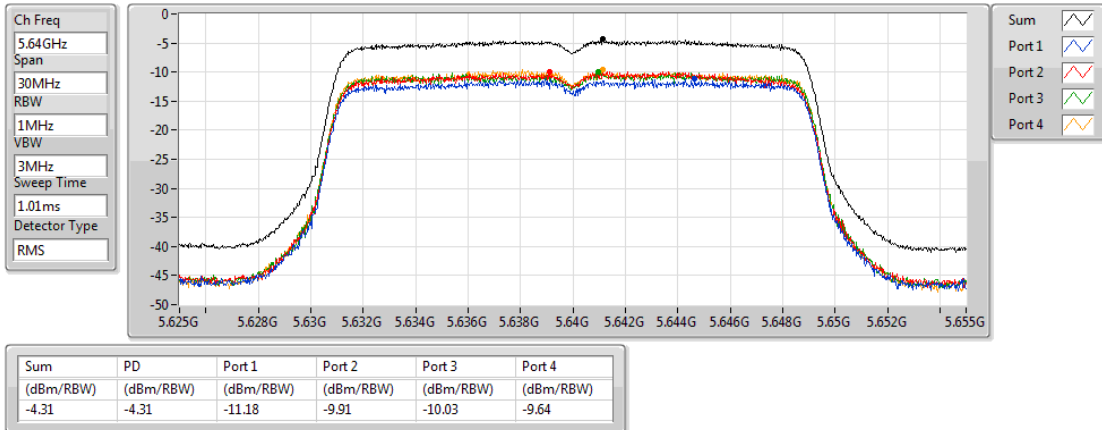


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5640MHz

19/12/2017



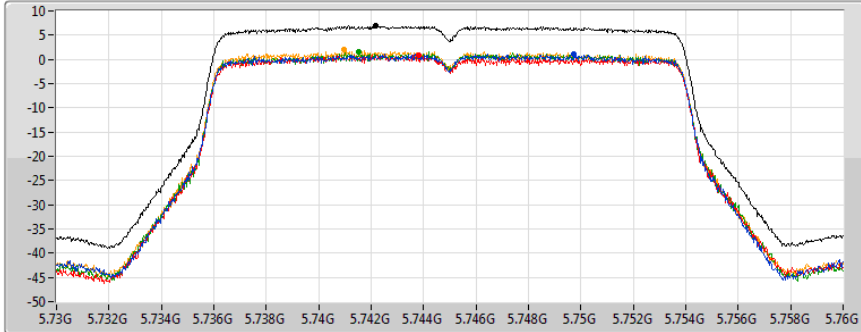
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

08/12/2017

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	1.14	0.94	1.51	1.96

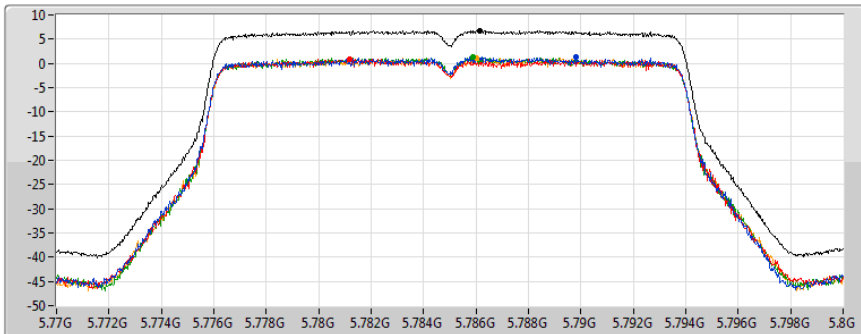
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

08/12/2017

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	1.35	0.94	1.30	1.16

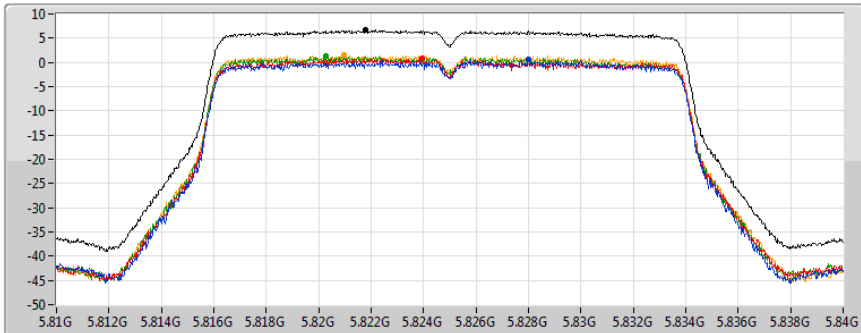
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

08/12/2017

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

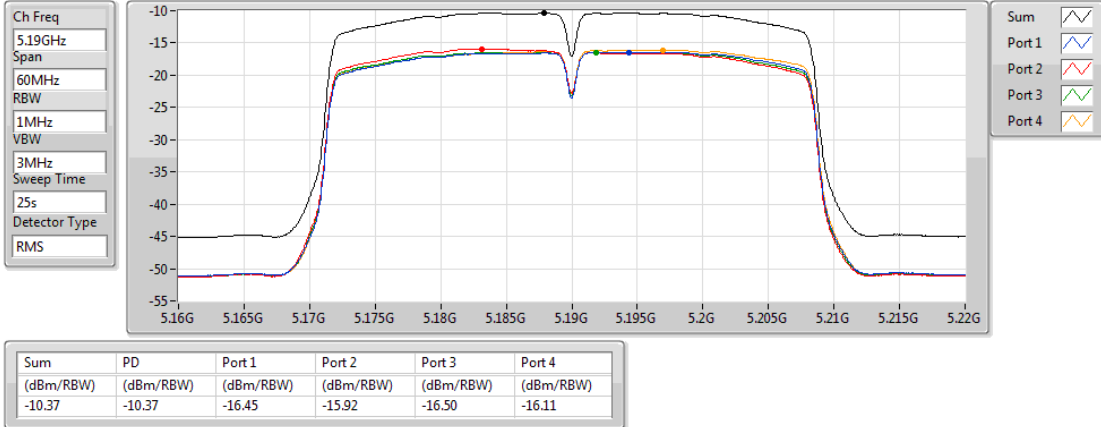
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	0.61	0.87	1.43	1.60

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

15/12/2017

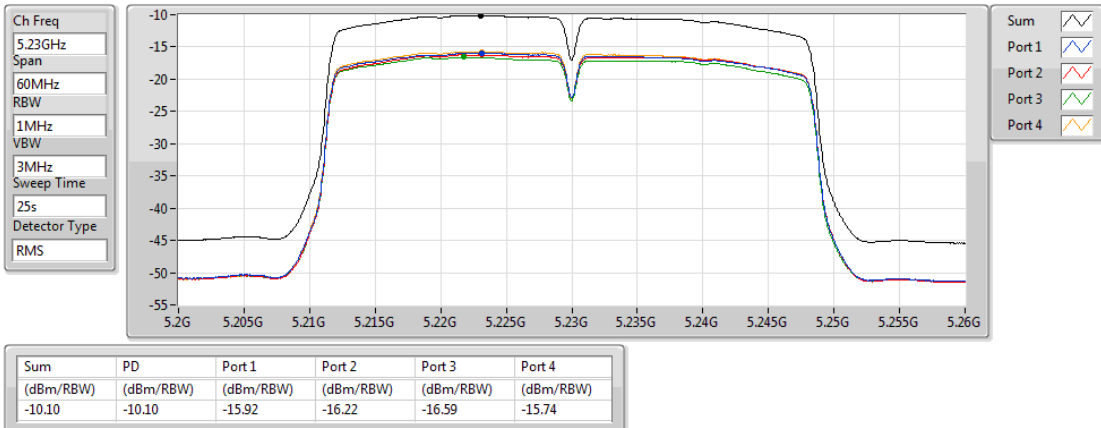


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

15/12/2017

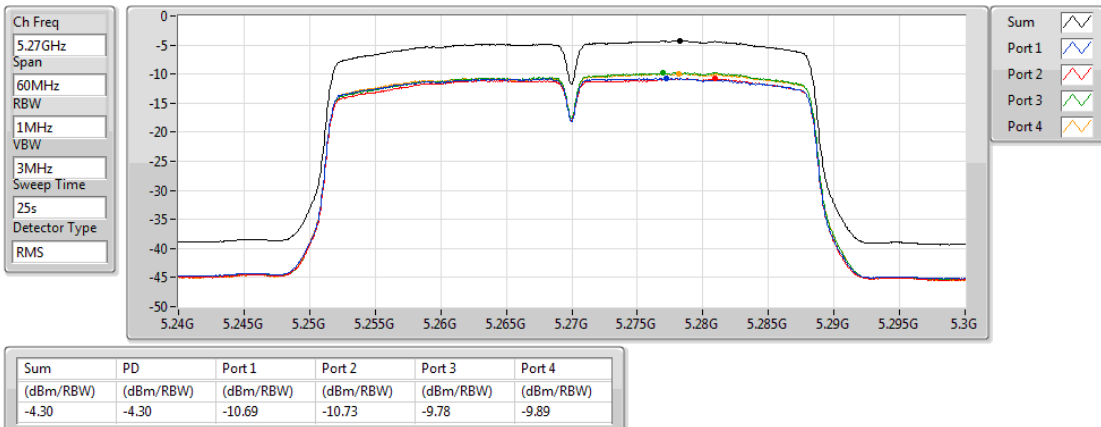


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

08/12/2017

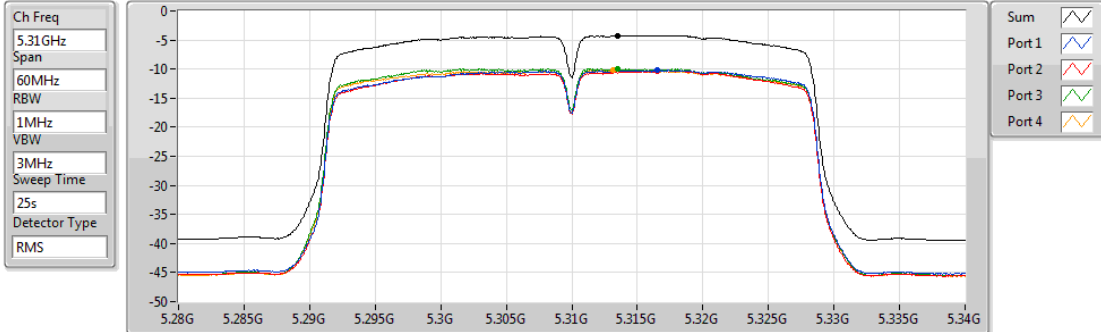


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

08/12/2017



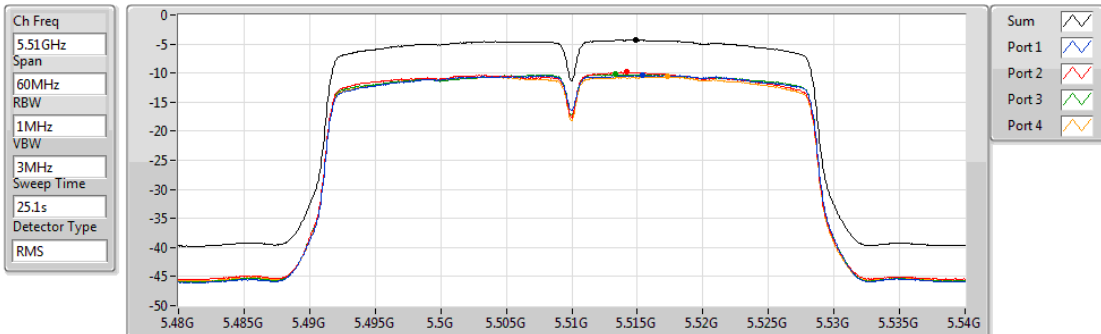
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.24	-4.24	-10.16	-10.32	-9.88	-10.14

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

08/12/2017



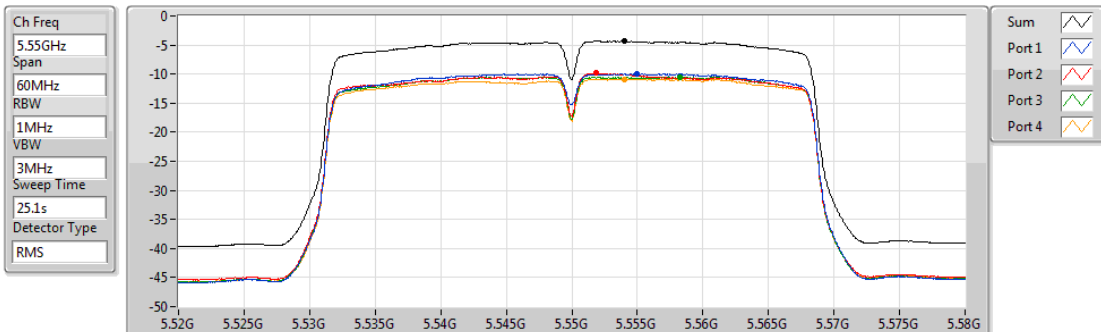
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-10.41	-9.85	-10.25	-10.60

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

08/12/2017



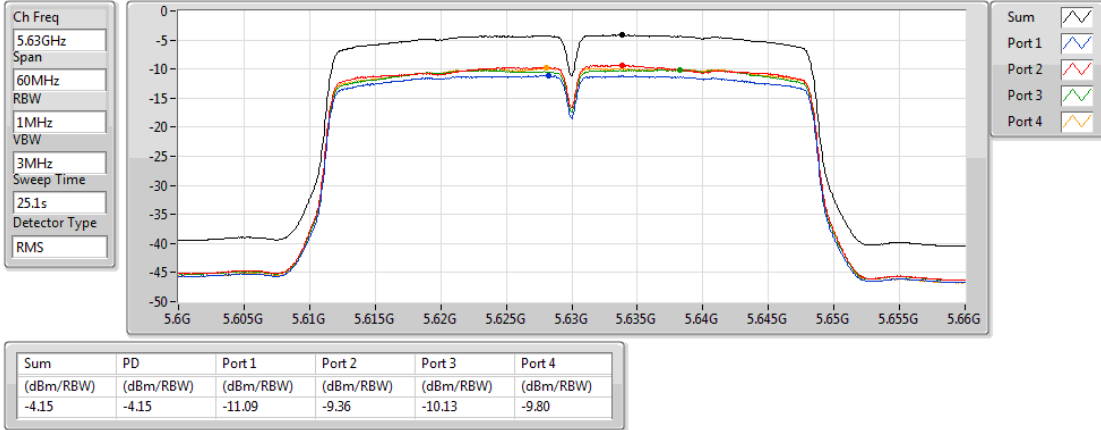
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.34	-4.34	-9.95	-9.85	-10.50	-10.84

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5630MHz

19/12/2017

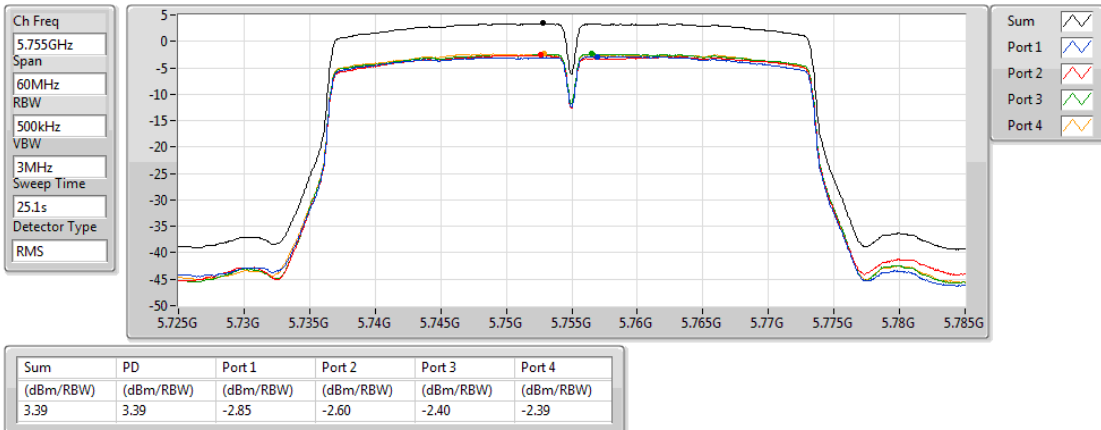


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

08/12/2017

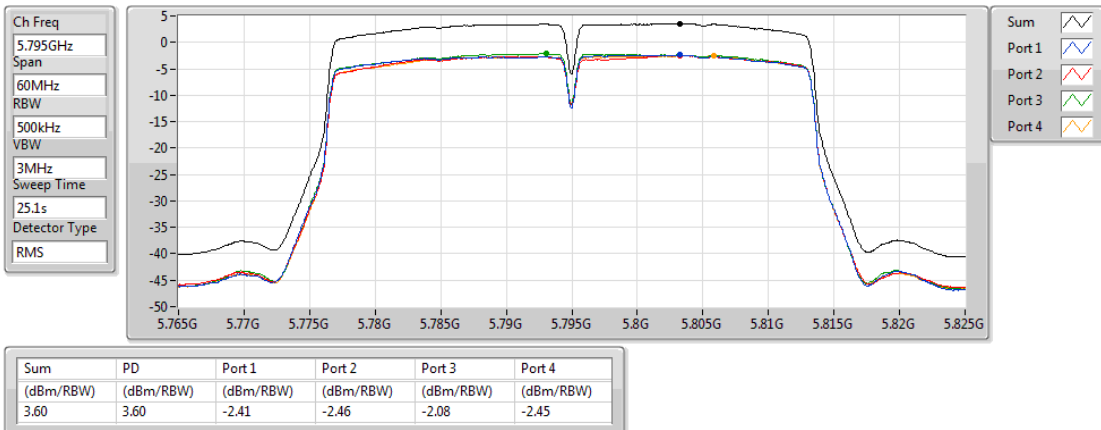


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

08/12/2017

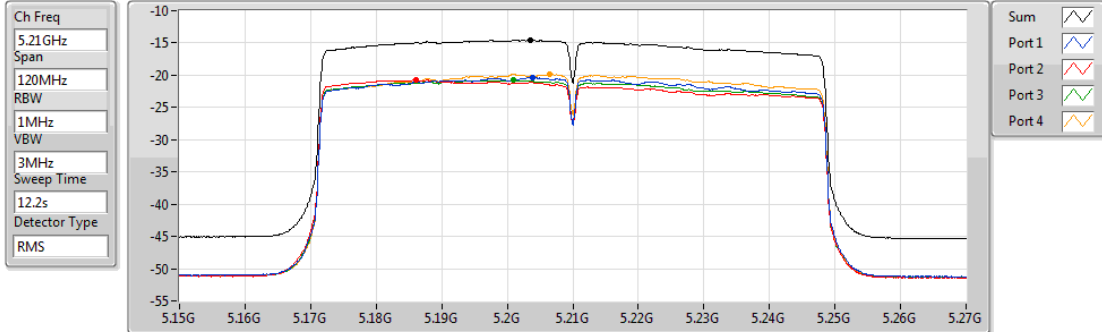


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

15/12/2017



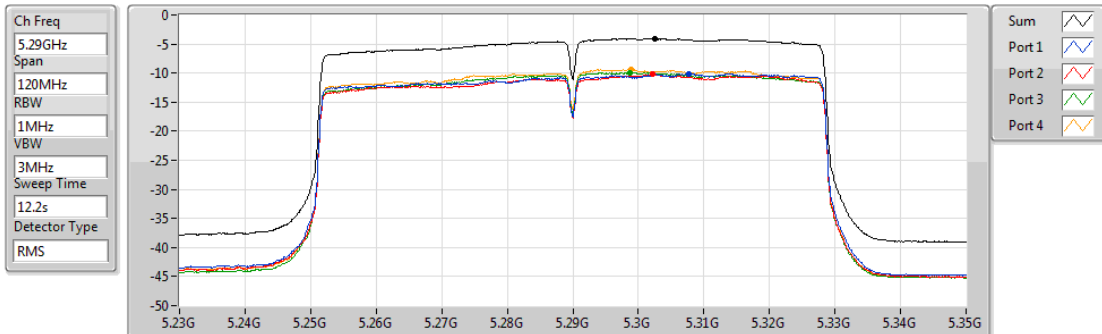
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.57	-14.57	-20.33	-20.71	-20.77	-19.86

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

08/12/2017



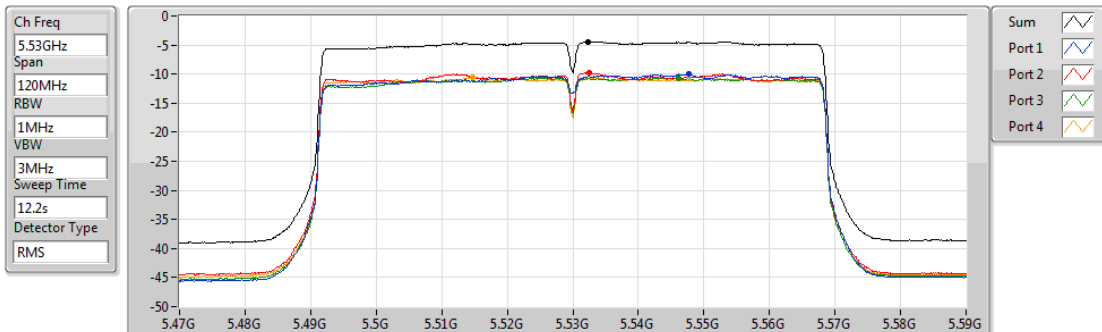
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.08	-4.08	-10.06	-10.25	-9.91	-9.42

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

08/12/2017



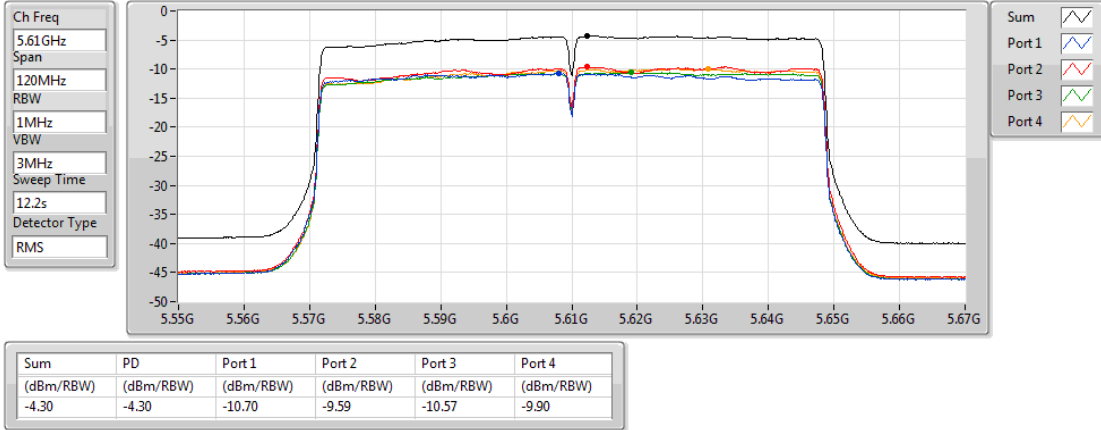
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.40	-4.40	-9.99	-9.78	-10.69	-10.52

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

08/12/2017

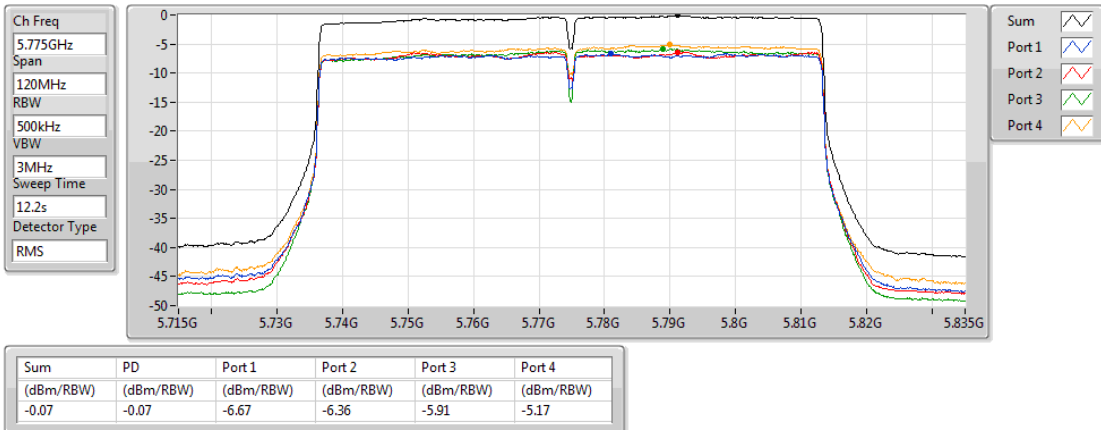


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

22/01/2018

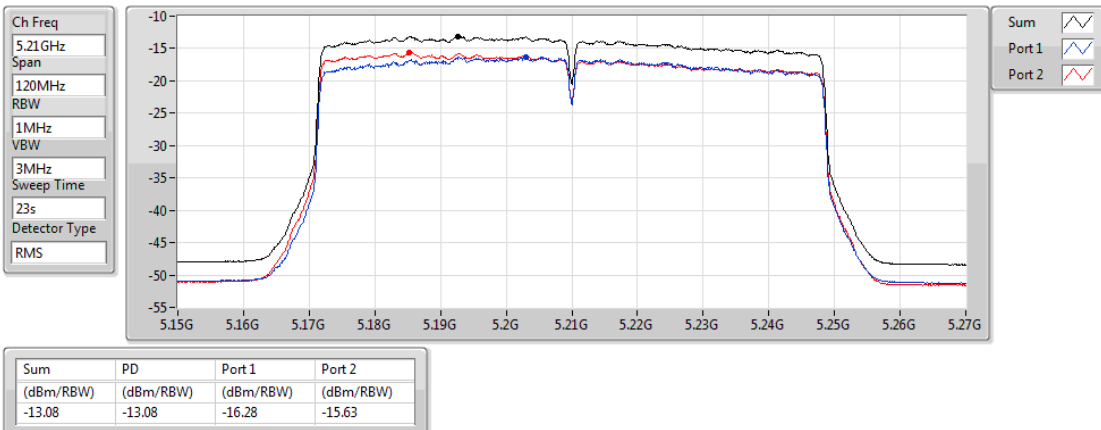


802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port1&Port2)

PSD

#5210MHz,5290MHz

15/12/2017



802.11ac VHT80+80_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

15/12/2017

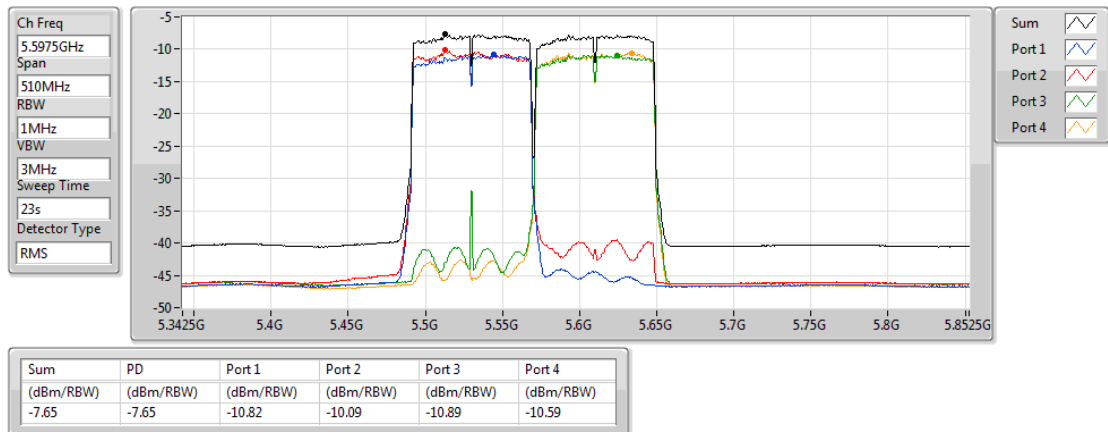


802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

19/12/2017



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	1.78	22.80
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-0.36	20.66
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-4.24	16.78
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-6.25	11.76
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-4.20	16.82
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-5.36	15.66
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-8.56	12.46
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-6.74	11.27
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-4.17	16.85
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-7.13	13.89
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-10.73	10.29
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-10.33	7.68
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-0.14	20.88
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-3.17	17.85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-6.31	14.71

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-3.44	-3.61	-4.14	-3.17	1.78	1.98	22.80	23.00
5200MHz	Pass	21.02	-3.76	-4.55	-4.83	-3.70	1.18	1.98	22.20	23.00
5240MHz	Pass	21.02	-3.74	-3.53	-3.64	-3.57	1.73	1.98	22.75	23.00
5260MHz	Pass	21.02	-9.17	-9.42	-9.66	-9.89	-4.20	-4.02	16.82	17.00
5300MHz	Pass	21.02	-10.09	-9.89	-9.85	-9.63	-4.43	-4.02	16.59	17.00
5320MHz	Pass	21.02	-9.96	-9.87	-11.02	-9.88	-4.95	-4.02	16.07	17.00
5500MHz	Pass	21.02	-10.23	-10.35	-9.92	-10.22	-4.62	-4.02	16.40	17.00
5580MHz	Pass	21.02	-9.85	-9.60	-9.52	-9.70	-4.17	-4.02	16.85	17.00
5640MHz	Pass	21.02	-9.88	-9.84	-9.66	-9.72	-4.34	-4.02	16.68	17.00
5745MHz	Pass	21.02	-5.59	-5.83	-5.79	-5.50	-0.14	14.98	20.88	36.00
5785MHz	Pass	21.02	-6.51	-5.89	-6.58	-5.74	-0.57	14.98	20.45	36.00
5825MHz	Pass	21.02	-5.92	-5.53	-6.12	-5.75	-0.42	14.98	20.60	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	-6.41	-5.50	-6.67	-6.27	-1.17	1.98	19.85	23.00
5230MHz	Pass	21.02	-5.66	-5.84	-5.87	-5.78	-0.36	1.98	20.66	23.00
5270MHz	Pass	21.02	-11.77	-11.32	-11.26	-11.33	-5.97	-4.02	15.05	23.00
5310MHz	Pass	21.02	-10.03	-10.70	-10.92	-10.15	-5.36	-4.02	15.66	17.00
5510MHz	Pass	21.02	-12.72	-13.14	-12.67	-13.61	-7.87	-4.02	13.15	17.00
5550MHz	Pass	21.02	-12.66	-12.61	-12.69	-13.54	-7.67	-4.02	13.35	17.00
5630MHz	Pass	21.02	-12.91	-12.58	-13.21	-12.11	-7.32	-4.02	13.70	17.00
5755MHz	Pass	21.02	-8.35	-8.38	-8.16	-8.47	-3.17	14.98	17.85	36.00
5795MHz	Pass	21.02	-8.58	-8.09	-9.72	-8.88	-3.49	14.98	17.53	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	-9.83	-8.69	-10.28	-9.09	-4.24	1.98	16.78	23.00
5290MHz	Pass	21.02	-13.37	-14.66	-14.58	-13.71	-8.56	-4.02	12.46	17.00
5530MHz	Pass	21.02	-16.51	-16.75	-16.93	-16.81	-11.40	-4.02	9.62	17.00
5610MHz	Pass	21.02	-16.83	-16.53	-16.20	-16.20	-10.73	-4.02	10.29	17.00
5775MHz	Pass	21.02	-12.19	-11.24	-11.63	-11.89	-6.31	14.98	14.71	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	-8.17	-9.31			-6.25	4.99	11.76	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			-8.07	-9.67	-6.74	-1.01	11.27	17.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	-13.46	-12.90	-13.06	-12.83	-10.33	-1.01	7.68	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

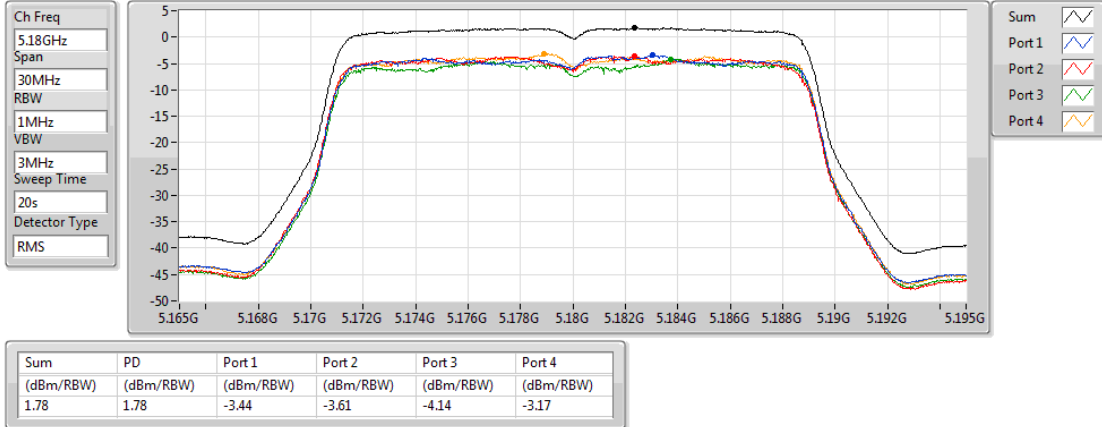
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

12/01/2018

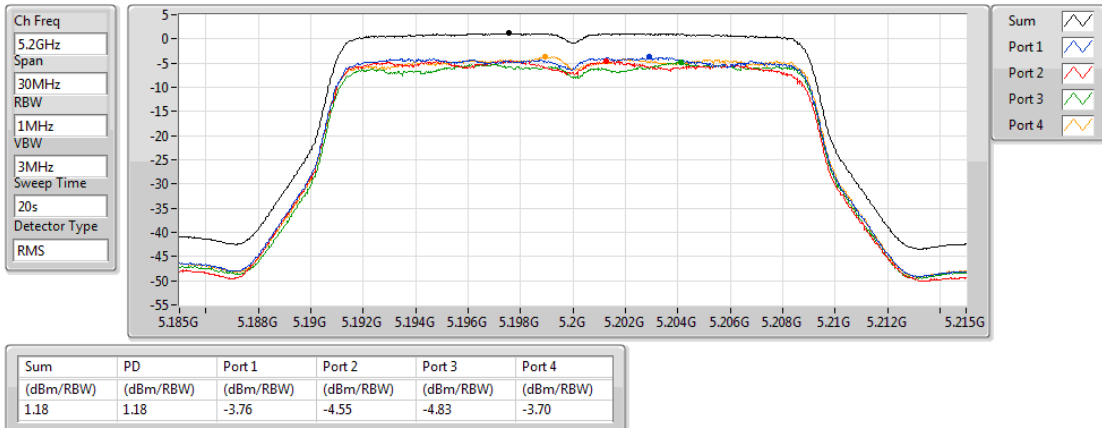


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

12/01/2018

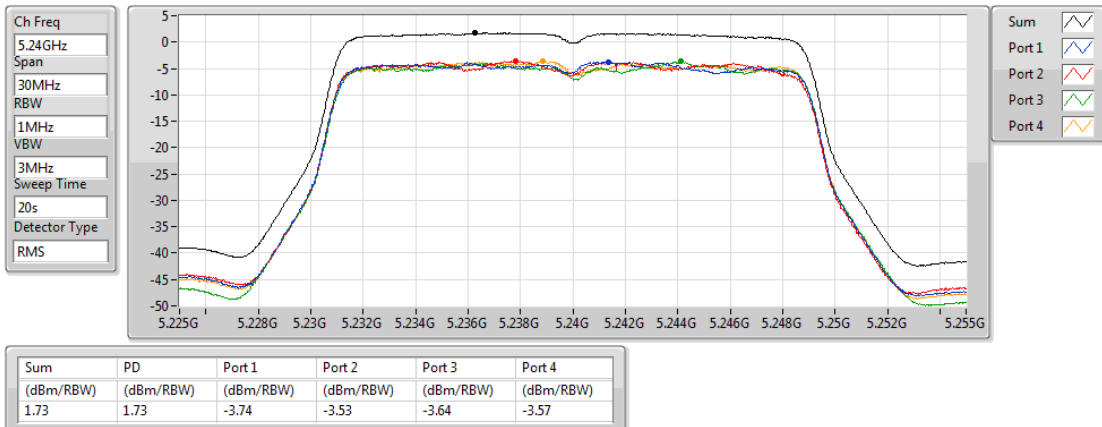


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

12/01/2018

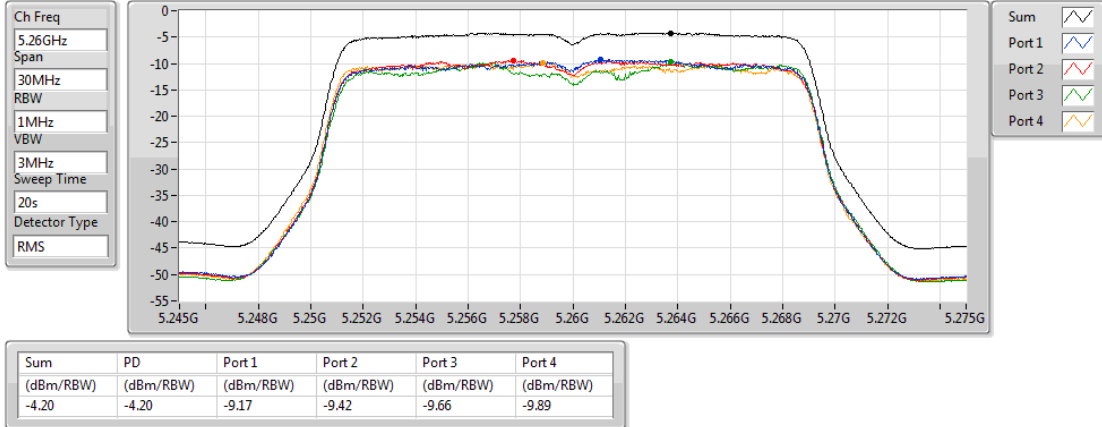


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

12/01/2018

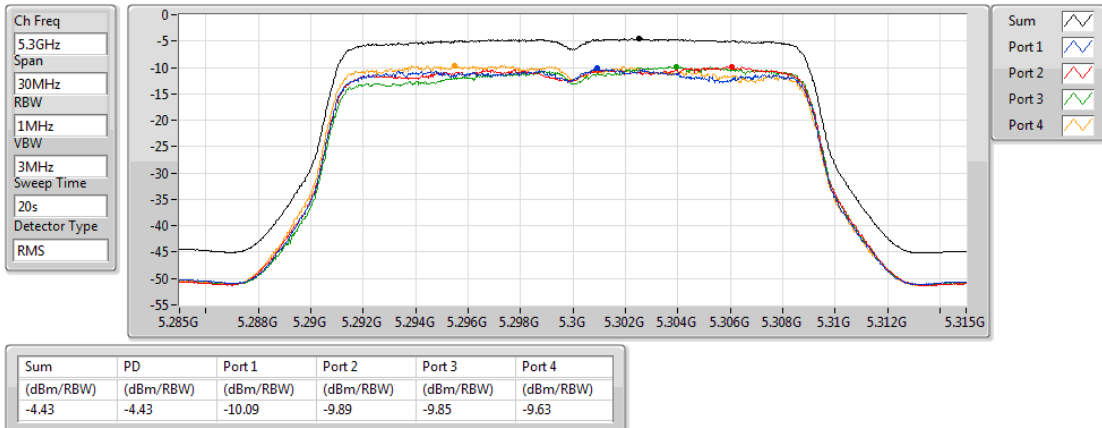


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/01/2018

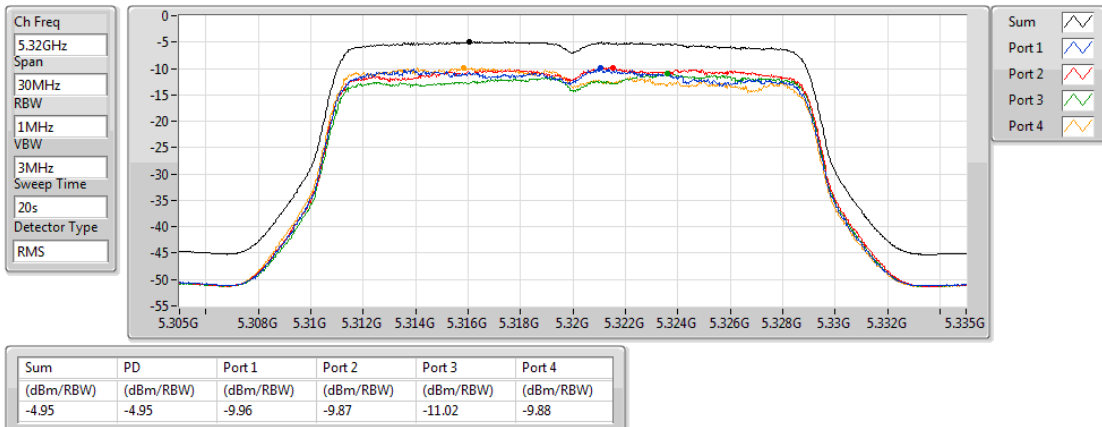


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/01/2018

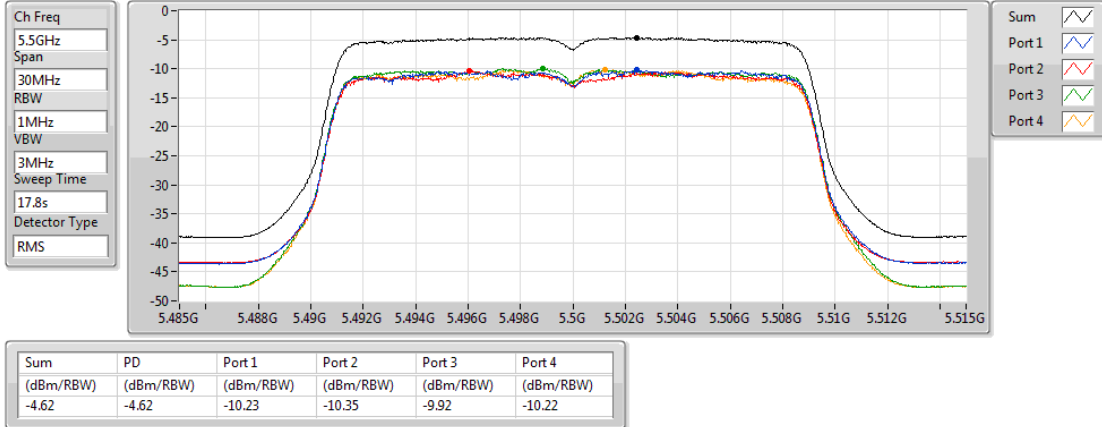


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/01/2018

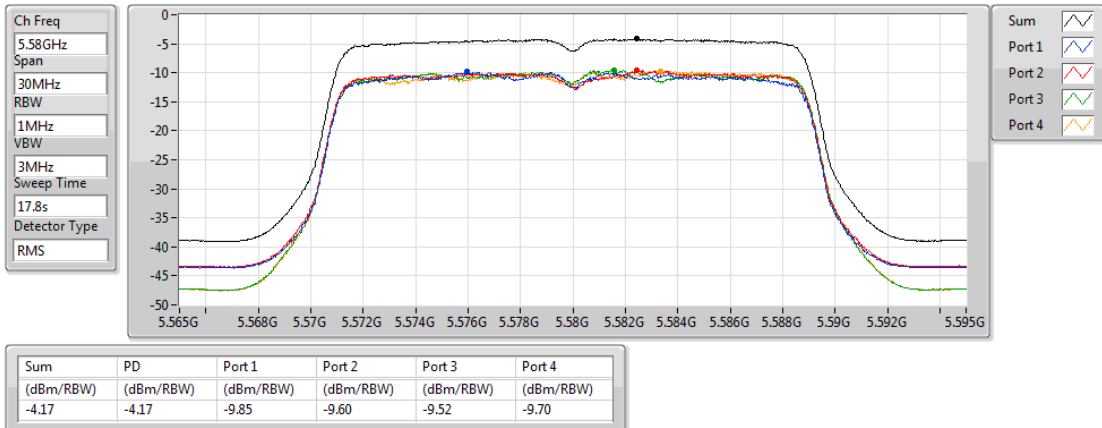


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/01/2018

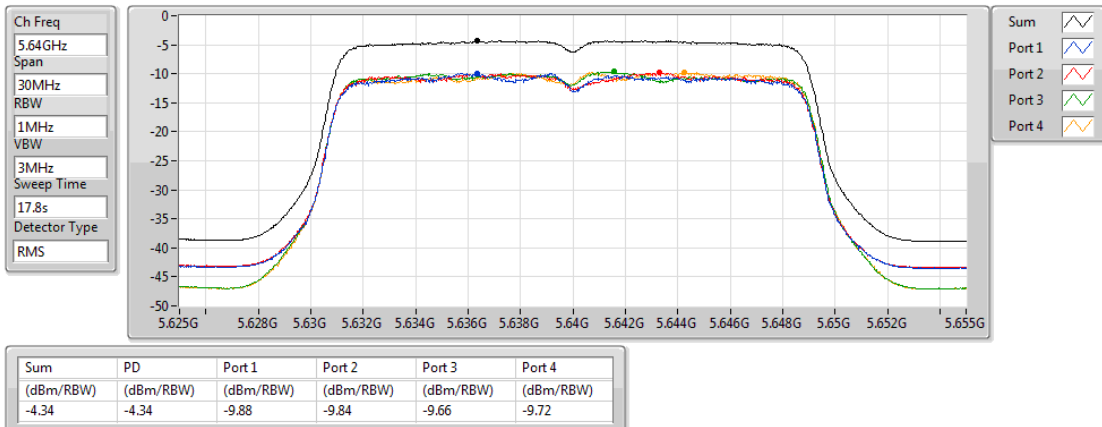


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5640MHz

12/01/2018

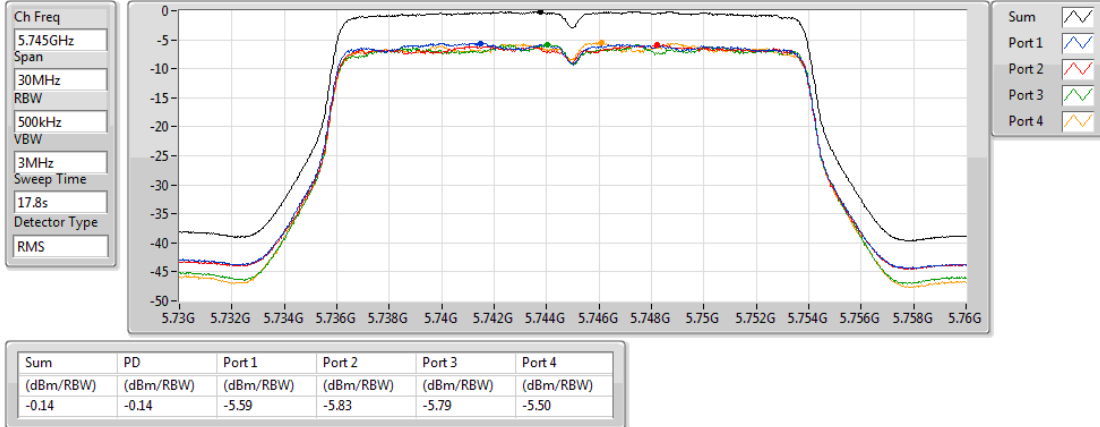


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

12/01/2018

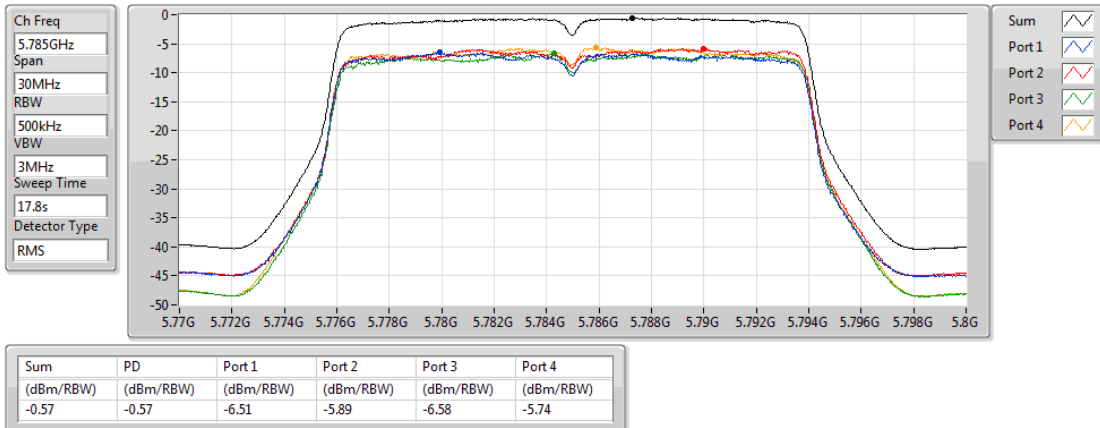


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

12/01/2018

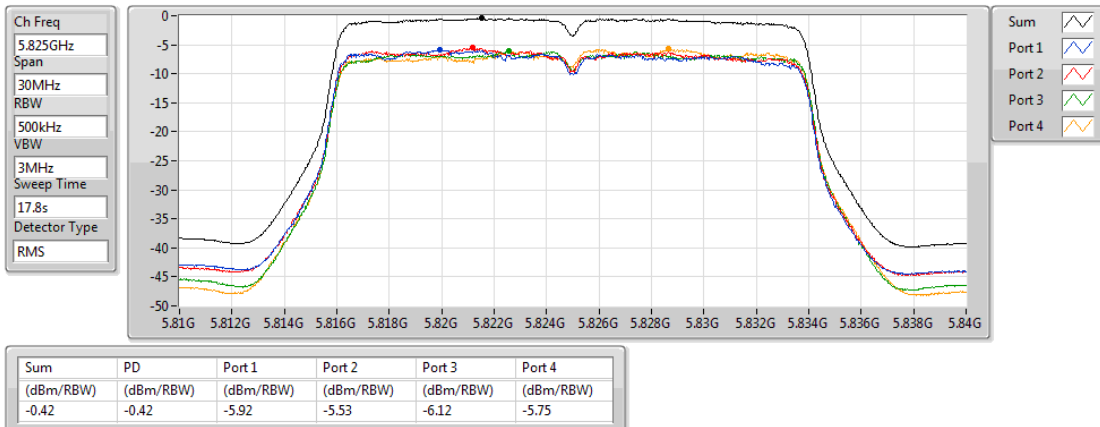


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

12/01/2018

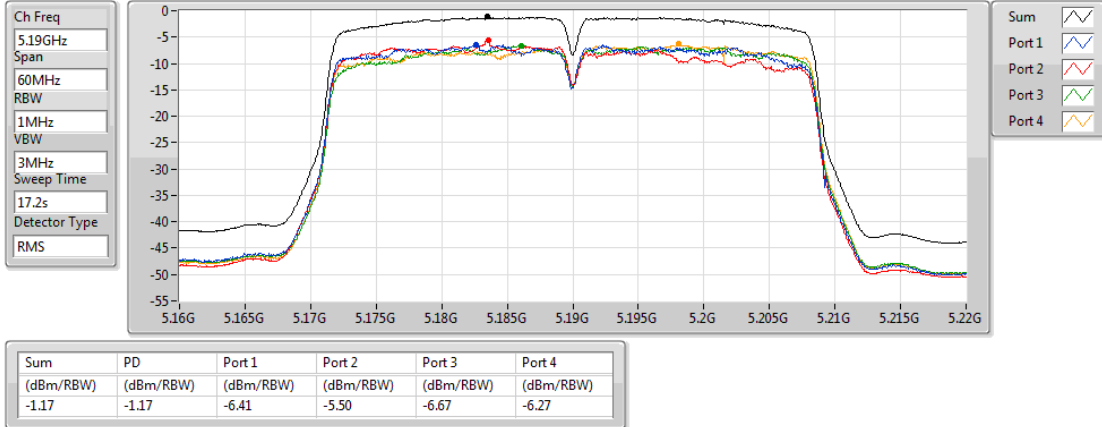


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

12/01/2018

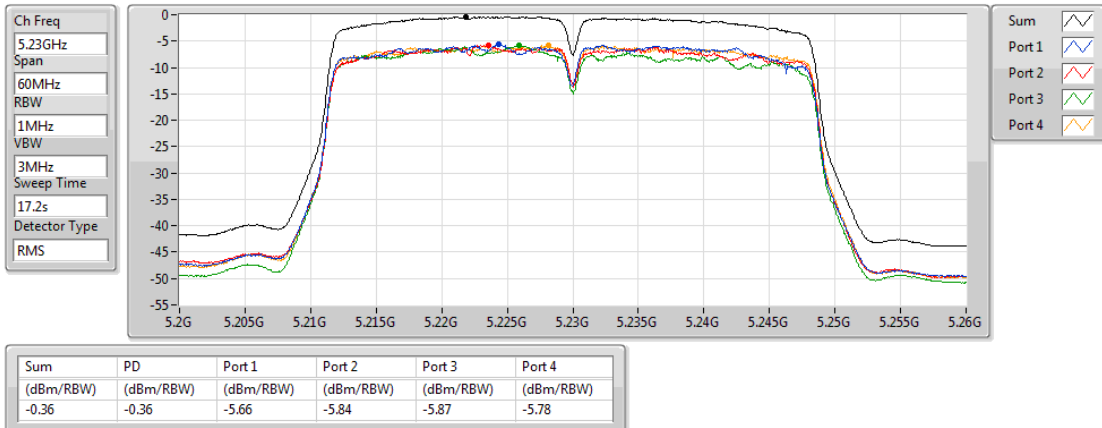


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

12/01/2018

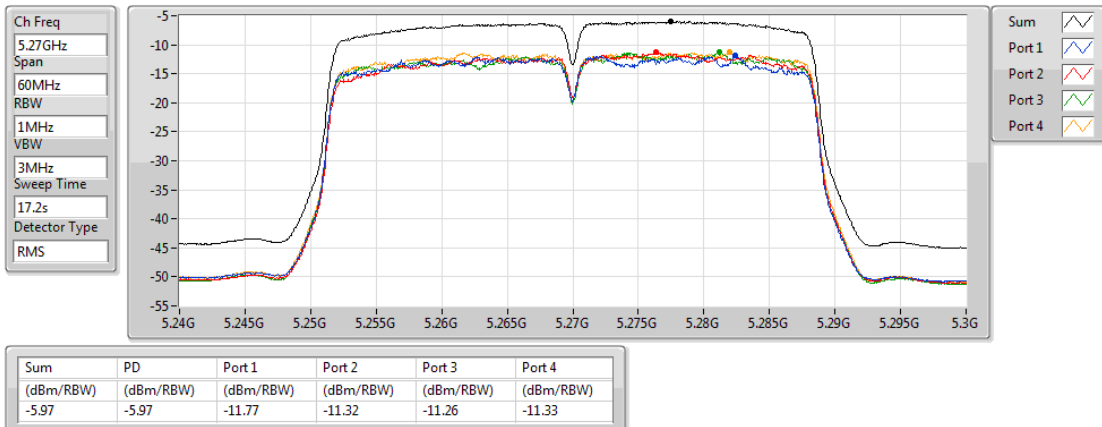


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

12/01/2018

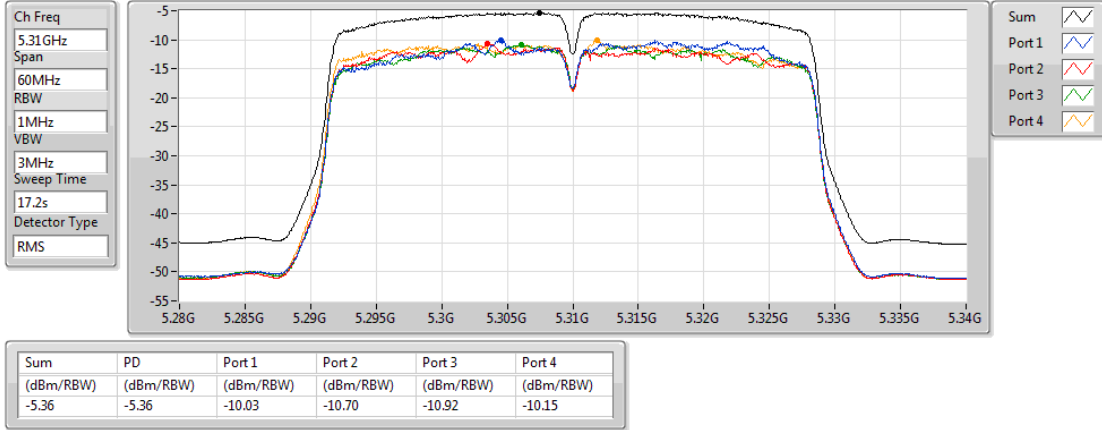


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/01/2018

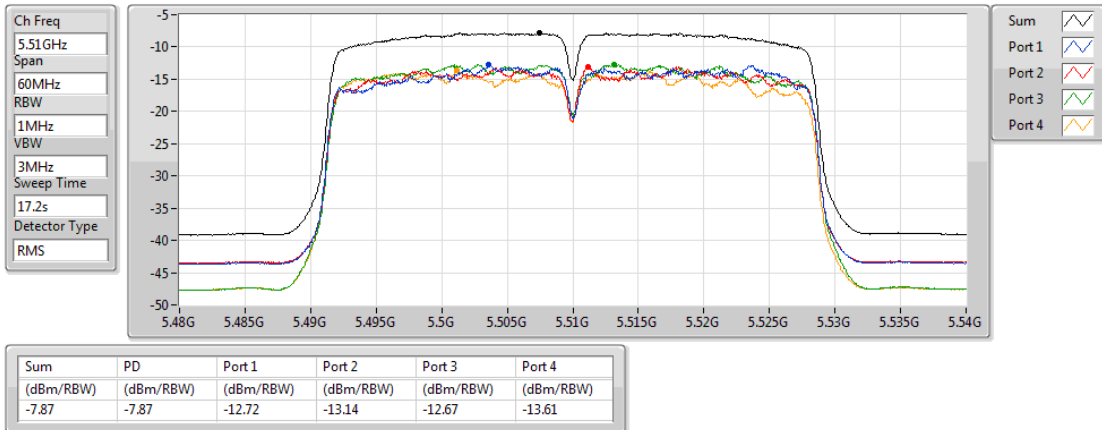


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/01/2018

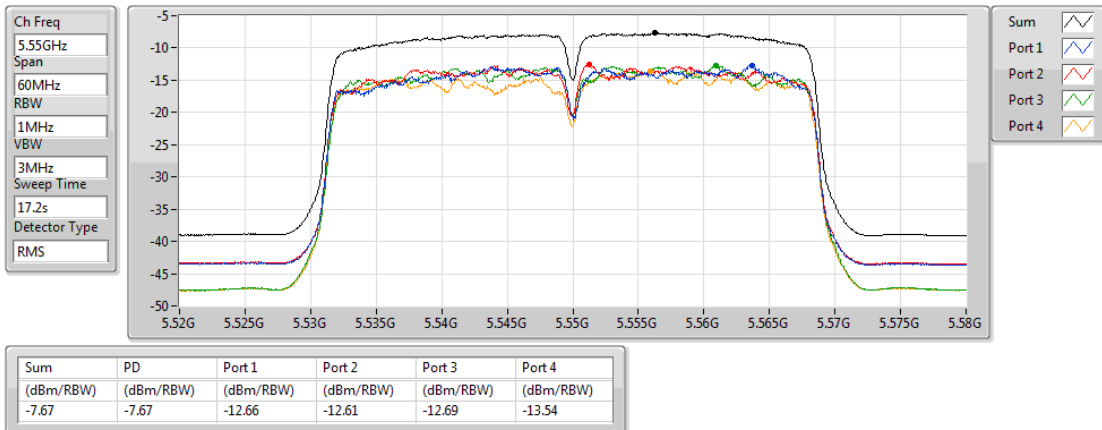


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/01/2018

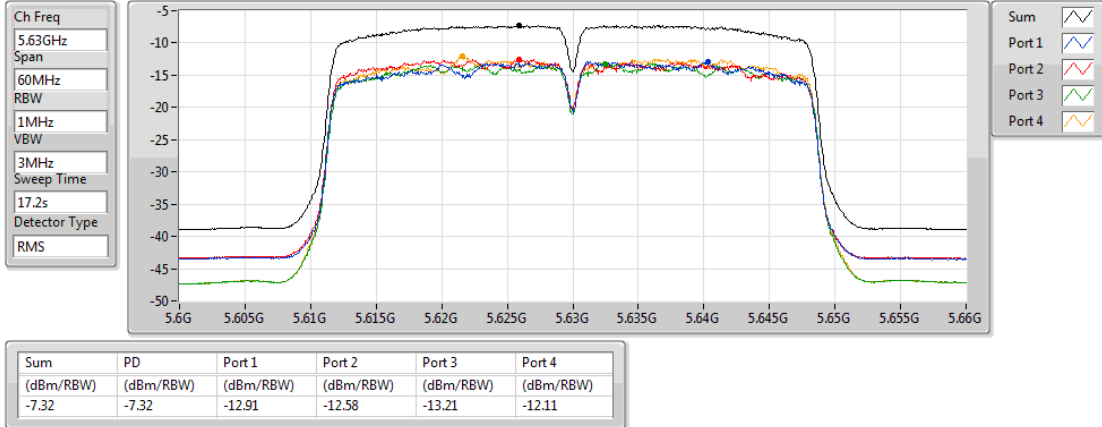


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5630MHz

12/01/2018

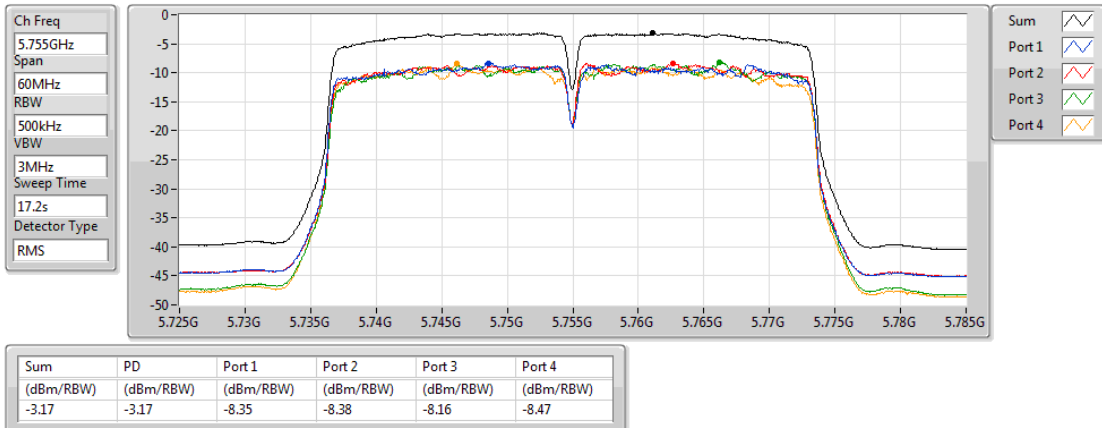


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

12/01/2018

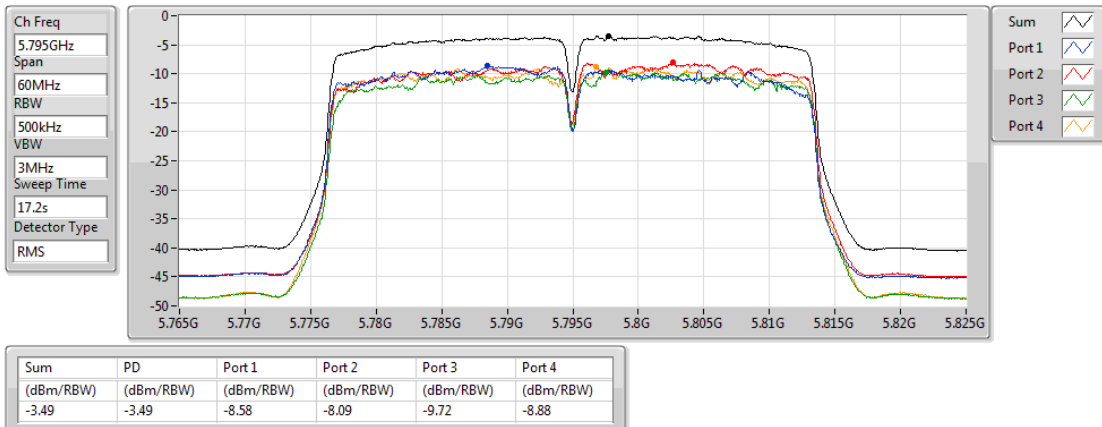


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

12/01/2018

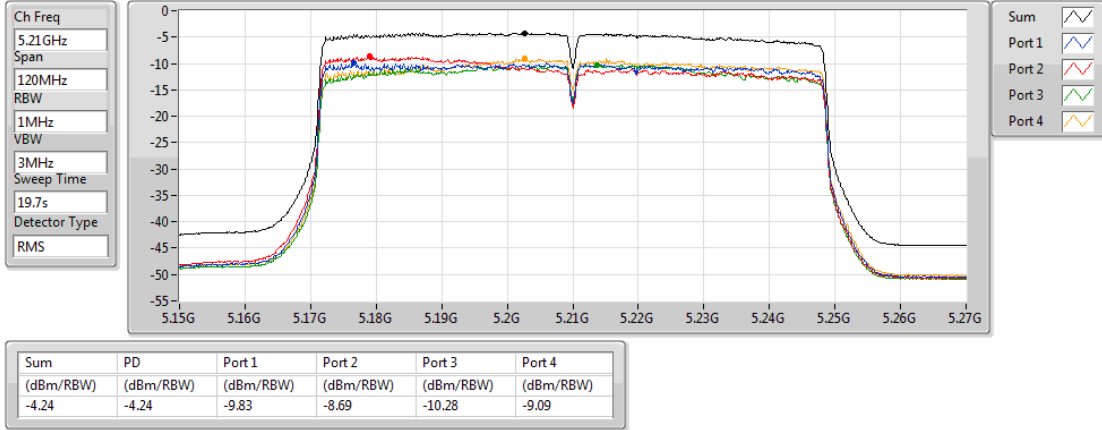


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

12/01/2018

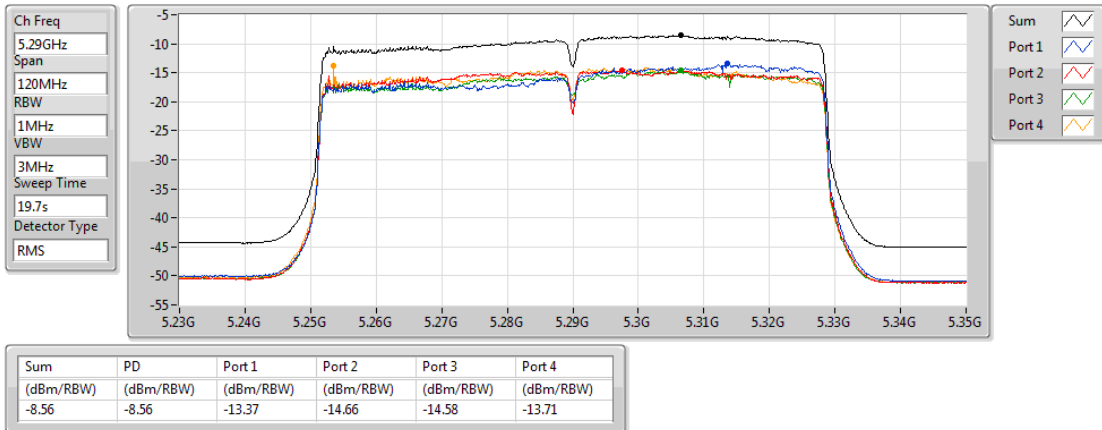


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

12/01/2018

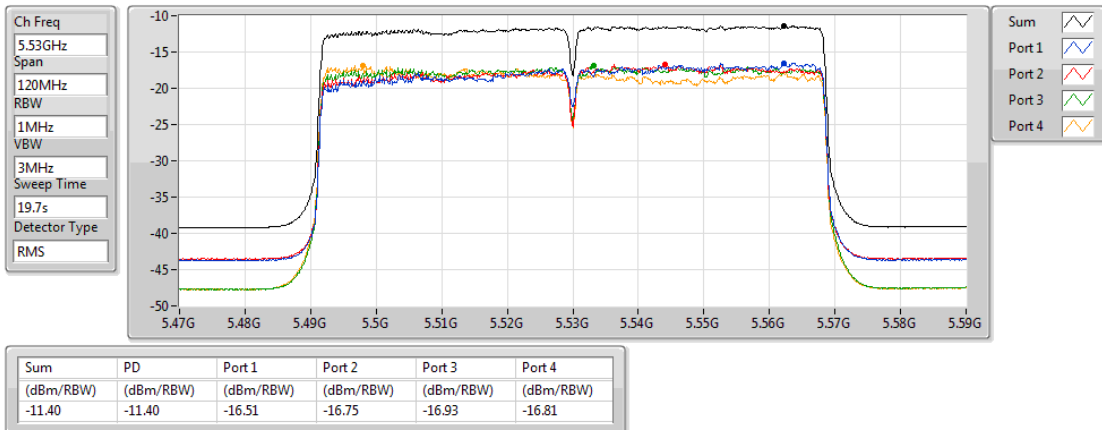


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

12/01/2018



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

12/01/2018

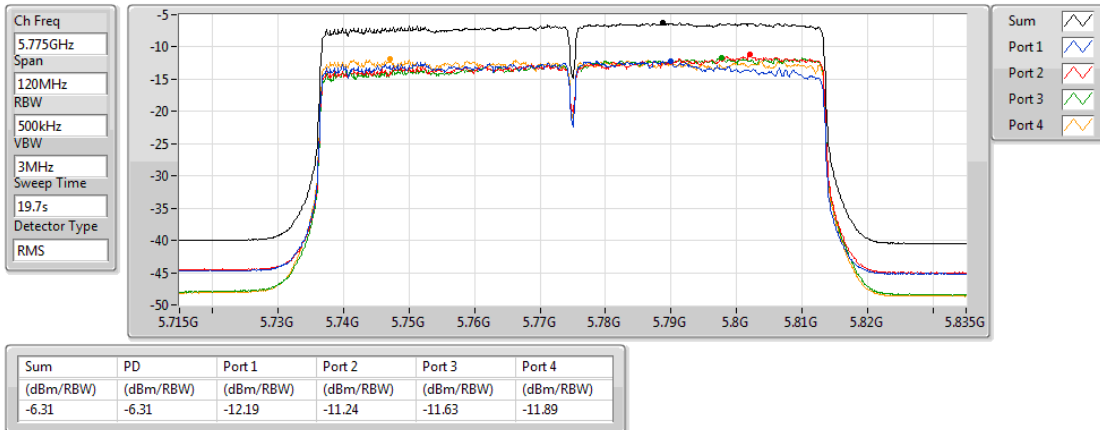


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

12/01/2018

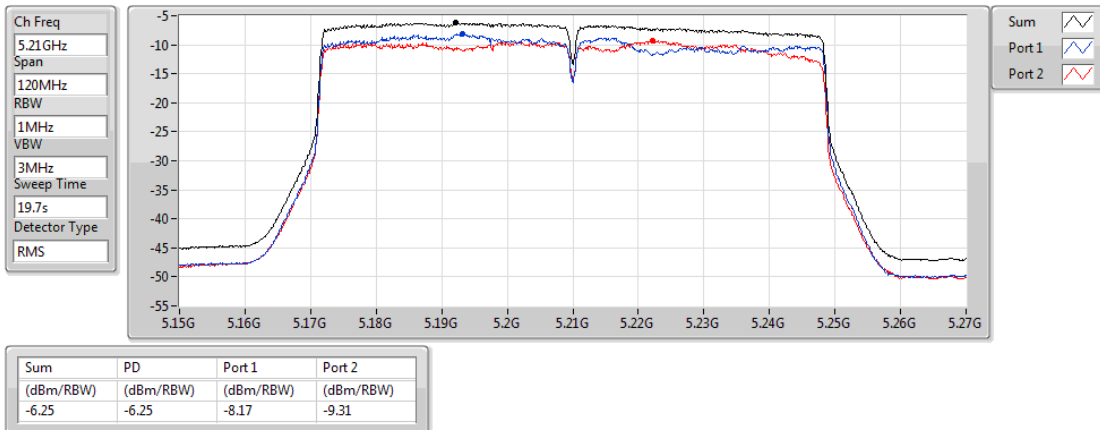


802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port1&Port2)

PSD

#5210MHz,5290MHz

12/01/2018

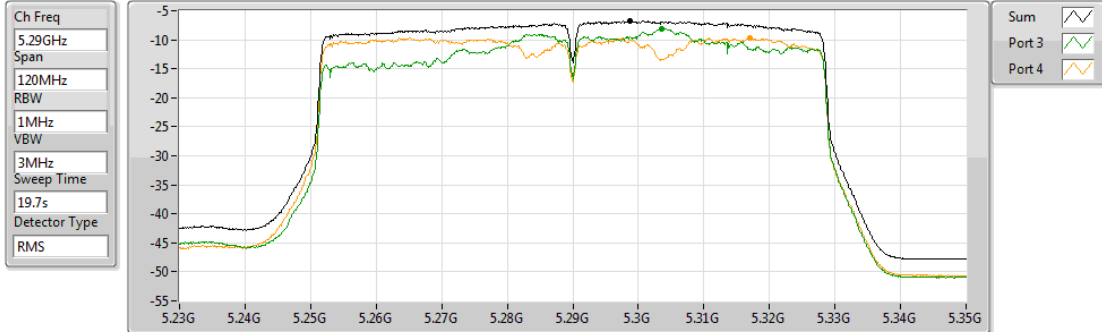


802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

12/01/2018



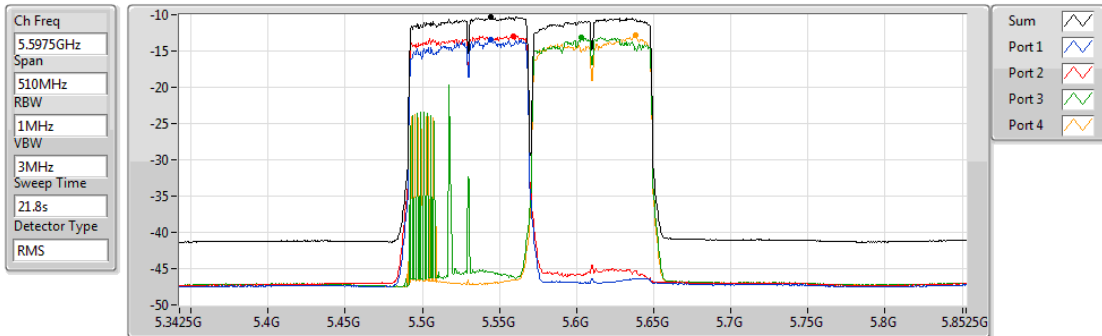
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.74	-6.74			-8.07	-9.67

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

12/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.33	-10.33	-13.46	-12.90	-13.06	-12.83

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-13.46	7.56
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-16.43	4.59
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-20.06	0.96
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-16.60	1.41
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-4.20	16.82
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-5.36	15.66
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-8.56	12.46
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-17.31	0.70
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-4.17	16.85
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-7.13	13.89
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-10.73	10.29
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-10.33	7.68
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-0.14	20.88
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-3.17	17.85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-6.31	14.71

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.02	-19.00	-19.17	-19.05	-19.30	-13.91	1.98	7.11	23.00
5200MHz	Pass	21.02	-18.56	-19.17	-18.31	-18.71	-13.46	1.98	7.56	23.00
5240MHz	Pass	21.02	-18.79	-19.38	-18.91	-19.05	-13.60	1.98	7.42	23.00
5260MHz	Pass	21.02	-9.17	-9.42	-9.66	-9.89	-4.20	-4.02	16.82	17.00
5300MHz	Pass	21.02	-10.09	-9.89	-9.85	-9.63	-4.43	-4.02	16.59	17.00
5320MHz	Pass	21.02	-9.96	-9.87	-11.02	-9.88	-4.95	-4.02	16.07	17.00
5500MHz	Pass	21.02	-10.23	-10.35	-9.92	-10.22	-4.62	-4.02	16.40	17.00
5580MHz	Pass	21.02	-9.85	-9.60	-9.52	-9.70	-4.17	-4.02	16.85	17.00
5640MHz	Pass	21.02	-9.88	-9.84	-9.66	-9.72	-4.34	-4.02	16.68	17.00
5745MHz	Pass	21.02	-5.59	-5.83	-5.79	-5.50	-0.14	14.98	20.88	36.00
5785MHz	Pass	21.02	-6.51	-5.89	-6.58	-5.74	-0.57	14.98	20.45	36.00
5825MHz	Pass	21.02	-5.92	-5.53	-6.12	-5.75	-0.42	14.98	20.60	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.02	-21.77	-21.77	-21.80	-21.92	-16.43	1.98	4.59	23.00
5230MHz	Pass	21.02	-22.17	-22.04	-22.31	-22.55	-16.95	1.98	4.07	23.00
5270MHz	Pass	21.02	-11.77	-11.32	-11.26	-11.33	-5.97	-4.02	15.05	23.00
5310MHz	Pass	21.02	-10.03	-10.70	-10.92	-10.15	-5.36	-4.02	15.66	17.00
5510MHz	Pass	21.02	-12.72	-13.14	-12.67	-13.61	-7.87	-4.02	13.15	17.00
5550MHz	Pass	21.02	-12.66	-12.61	-12.69	-13.54	-7.67	-4.02	13.35	17.00
5630MHz	Pass	21.02	-12.91	-12.58	-13.21	-12.11	-7.32	-4.02	13.70	17.00
5755MHz	Pass	21.02	-8.35	-8.38	-8.16	-8.47	-3.17	14.98	17.85	36.00
5795MHz	Pass	21.02	-8.58	-8.09	-9.72	-8.88	-3.49	14.98	17.53	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.02	-24.89	-25.65	-25.37	-25.20	-20.06	1.98	0.96	23.00
5290MHz	Pass	21.02	-13.37	-14.66	-14.58	-13.71	-8.56	-4.02	12.46	17.00
5530MHz	Pass	21.02	-16.51	-16.75	-16.93	-16.81	-11.40	-4.02	9.62	17.00
5610MHz	Pass	21.02	-16.83	-16.53	-16.20	-16.20	-10.73	-4.02	10.29	17.00
5775MHz	Pass	21.02	-12.19	-11.24	-11.63	-11.89	-6.31	14.98	14.71	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	18.01	-18.89	-18.14			-16.60	4.99	1.41	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	18.01			-20.16	-19.58	-17.31	-1.01	0.70	17.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	18.01	-13.46	-12.90	-13.06	-12.83	-10.33	-1.01	7.68	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

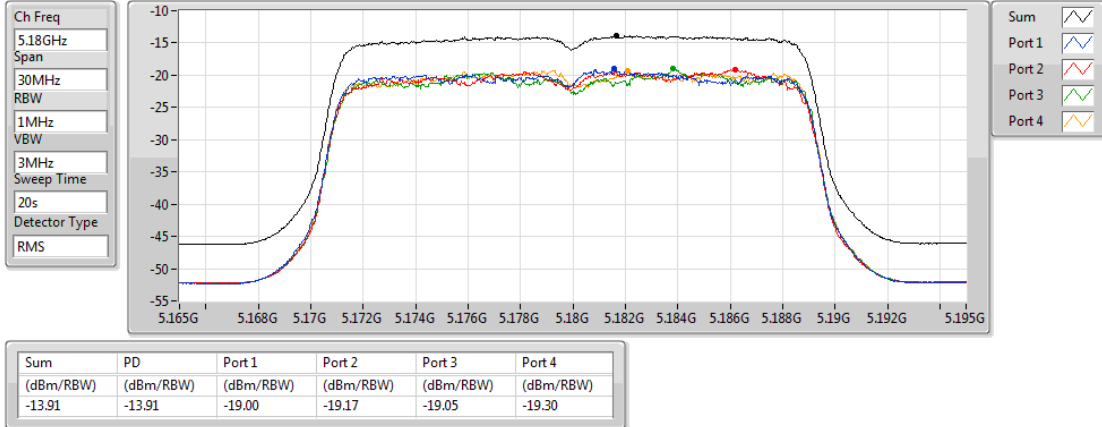
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

18/01/2018

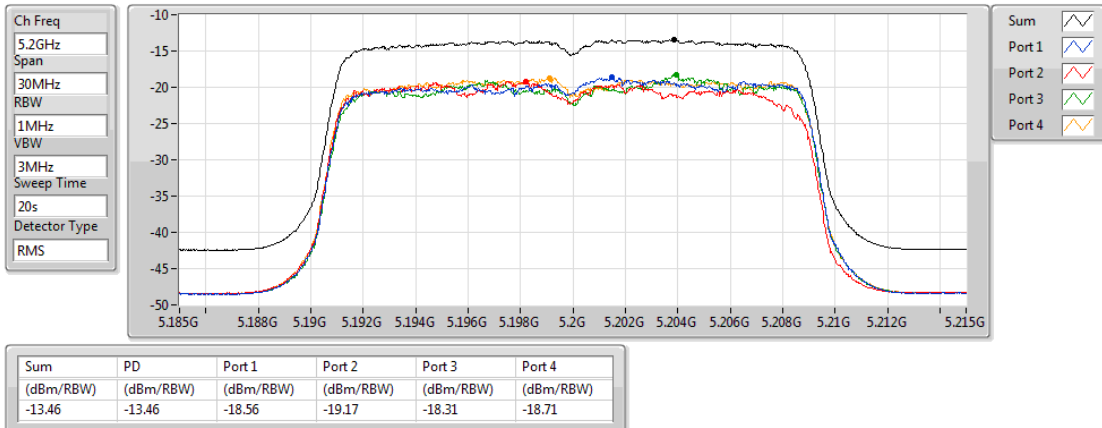


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

18/01/2018

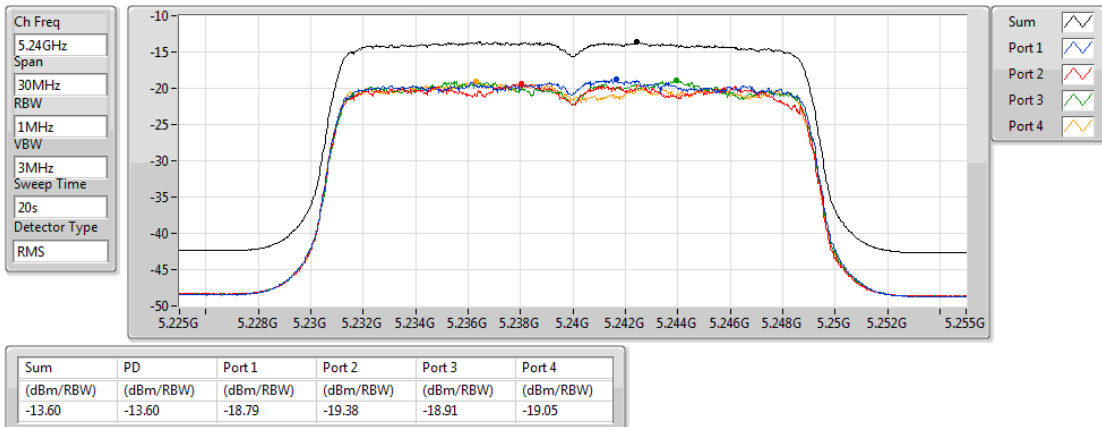


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

18/01/2018

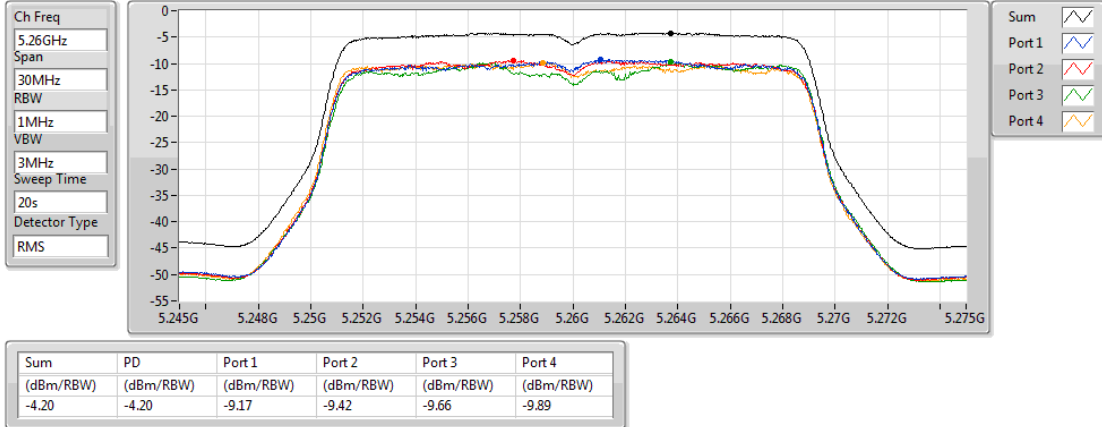


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

12/01/2018

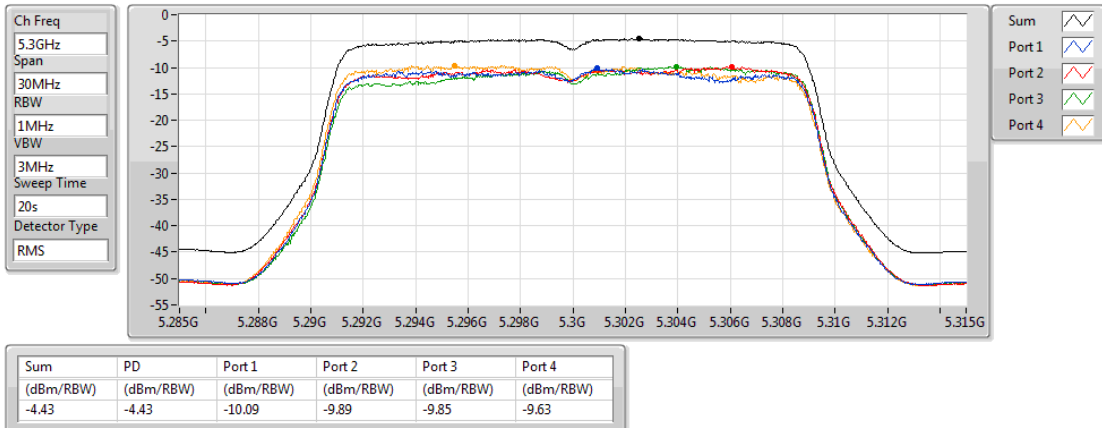


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/01/2018

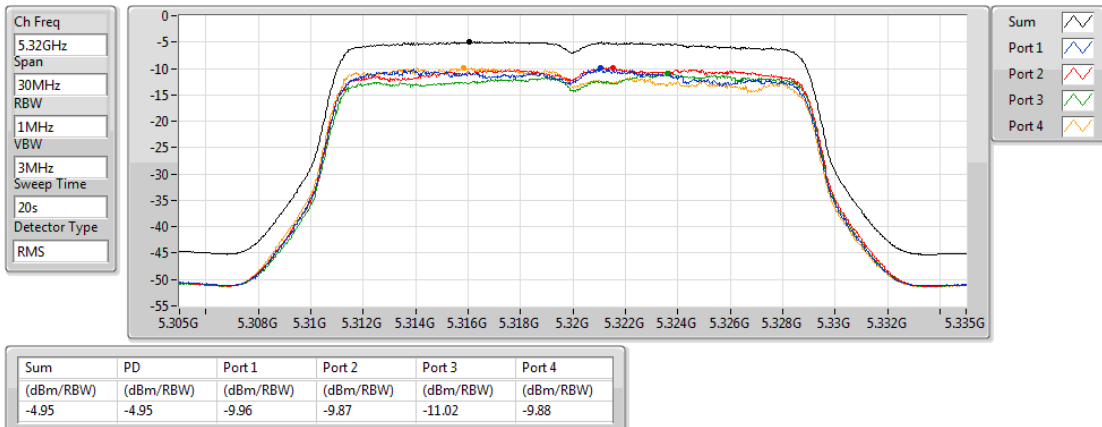


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/01/2018

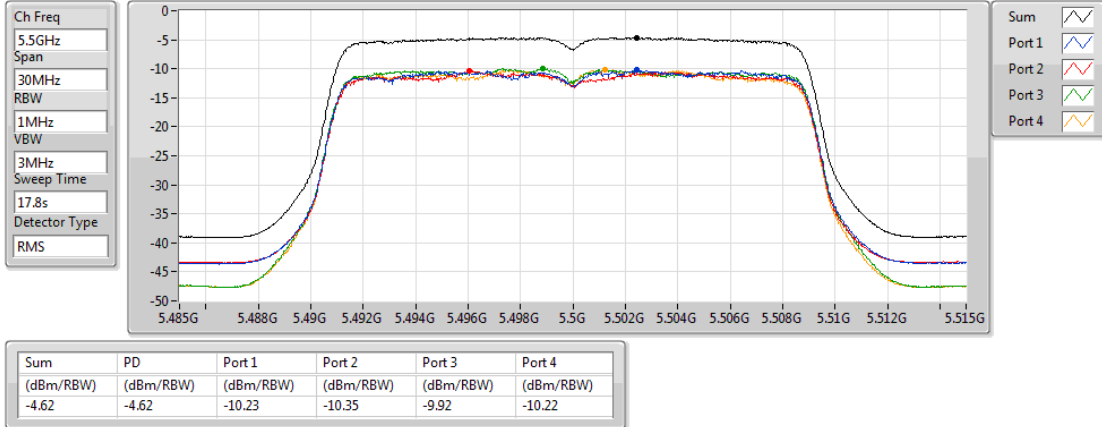


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/01/2018

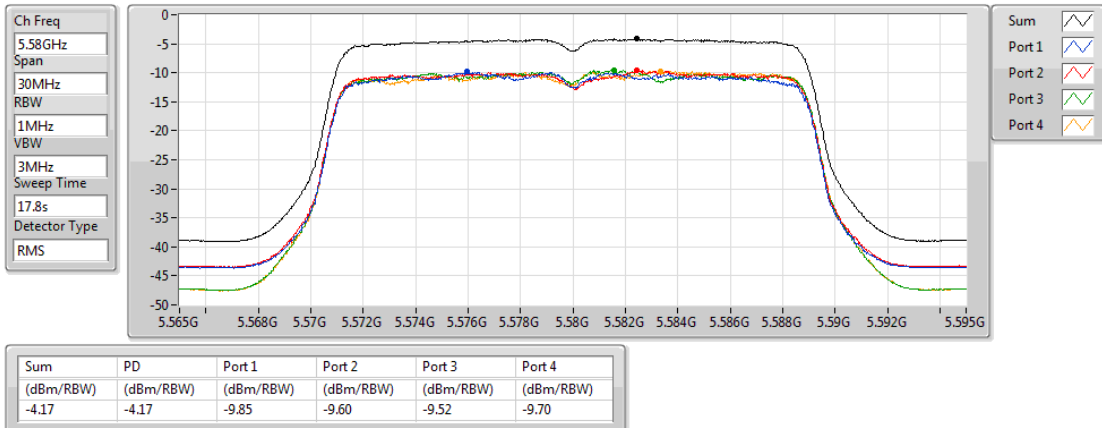


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/01/2018

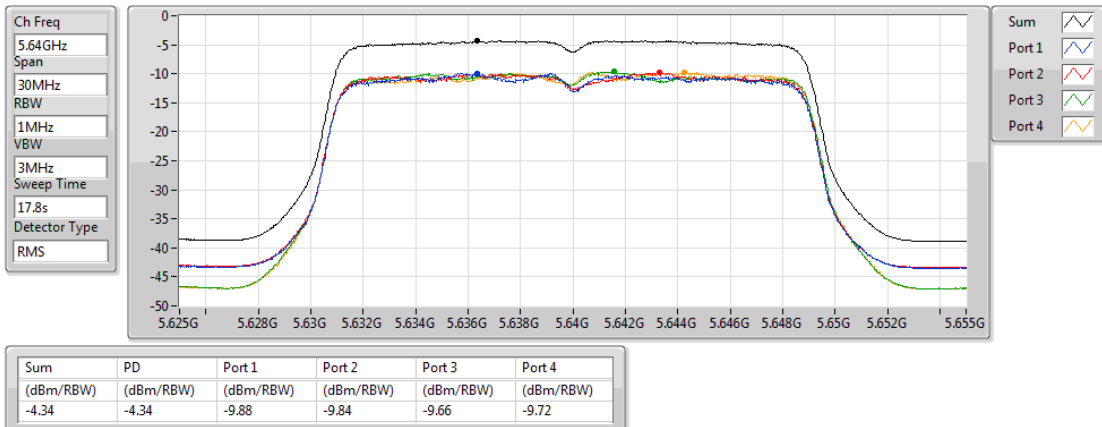


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5640MHz

12/01/2018



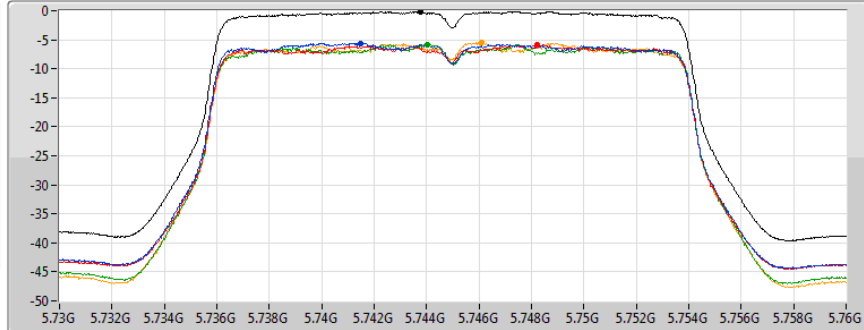
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

12/01/2018

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.14	-0.14	-5.59	-5.83	-5.79	-5.50

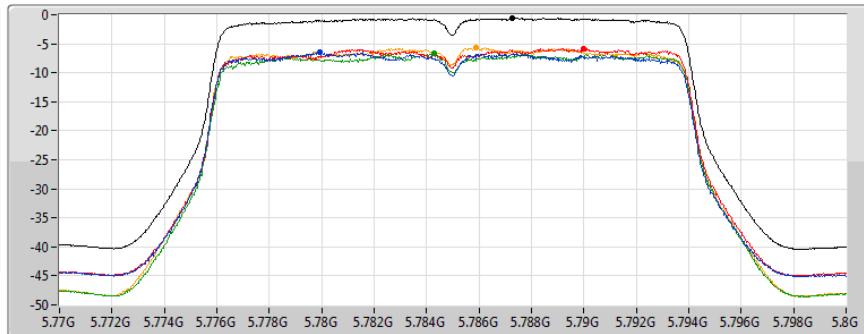
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

12/01/2018

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.57	-0.57	-6.51	-5.89	-6.58	-5.74

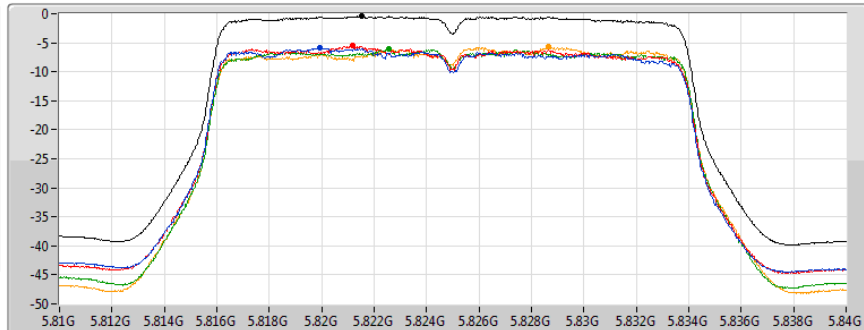
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

12/01/2018

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
17.8s
Detector Type
RMS



Sum ☒
Port 1 ☐
Port 2 ☐
Port 3 ☐
Port 4 ☐

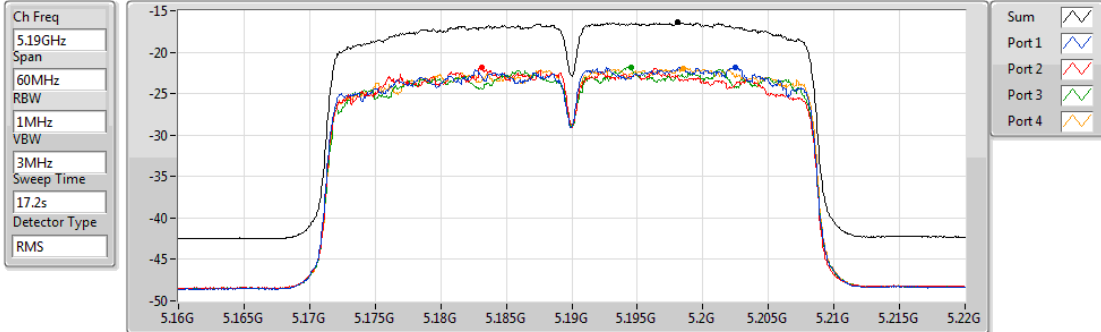
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.42	-0.42	-5.92	-5.53	-6.12	-5.75

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

18/01/2018



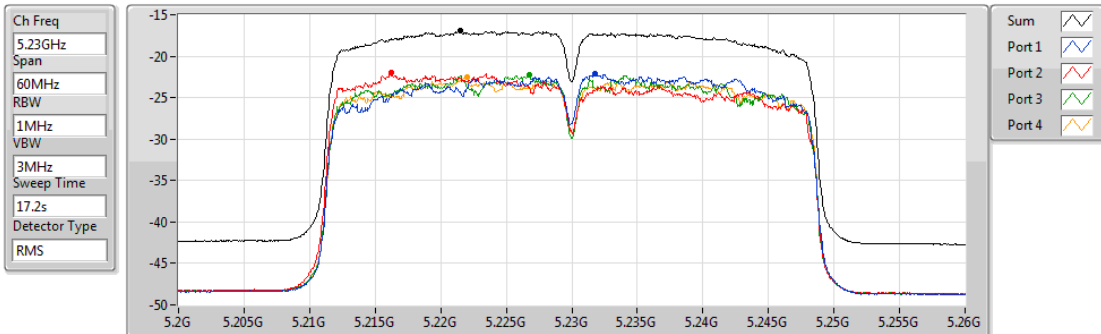
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-16.43	-16.43	-21.77	-21.77	-21.80	-21.92

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

18/01/2018



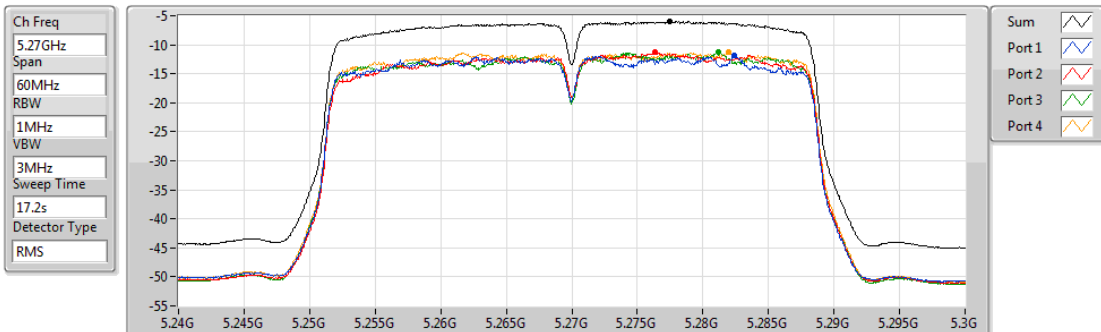
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-16.95	-16.95	-22.17	-22.04	-22.31	-22.55

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

12/01/2018



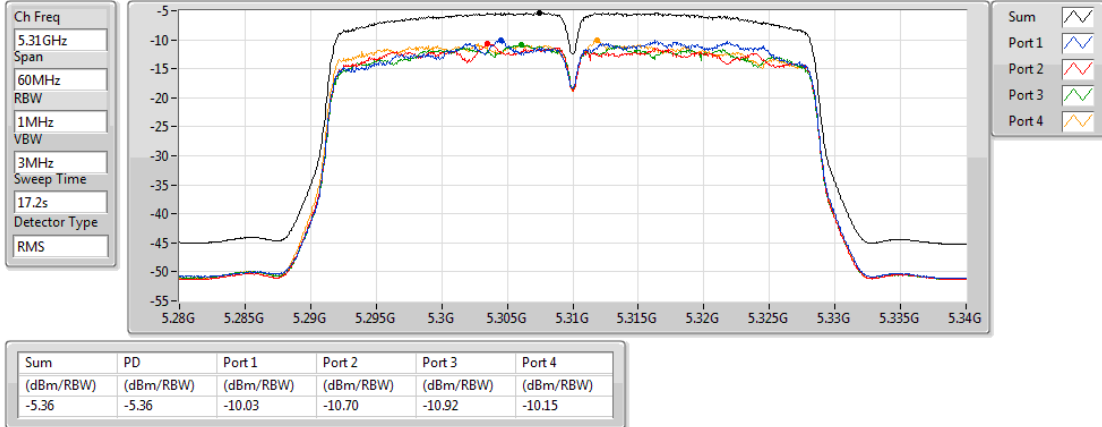
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.97	-5.97	-11.77	-11.32	-11.26	-11.33

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/01/2018

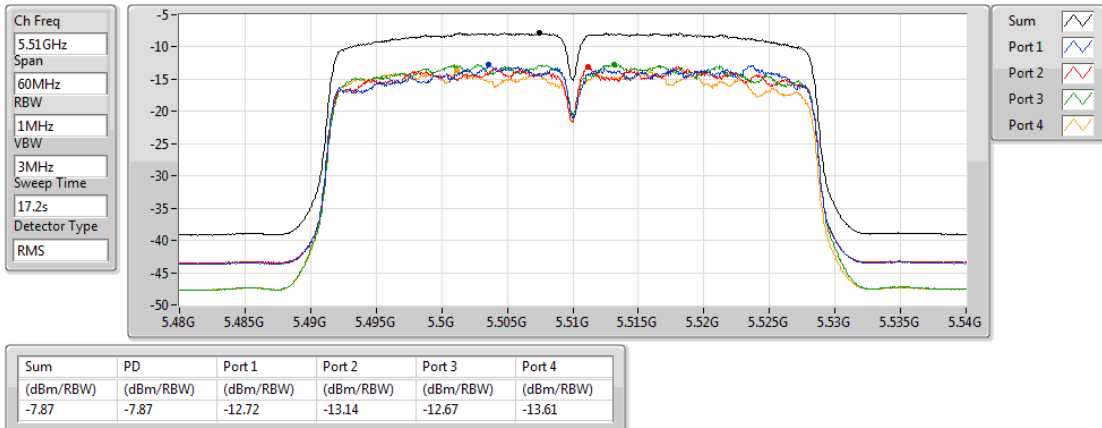


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/01/2018

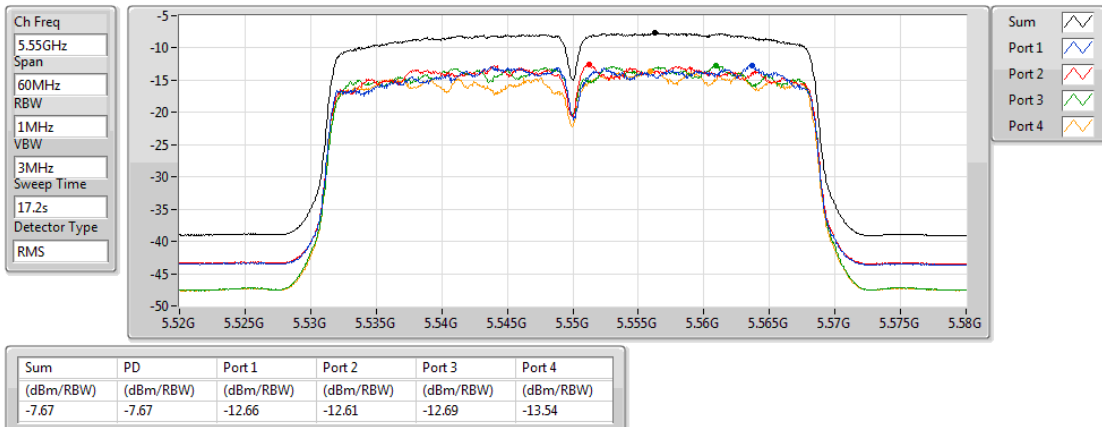


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/01/2018

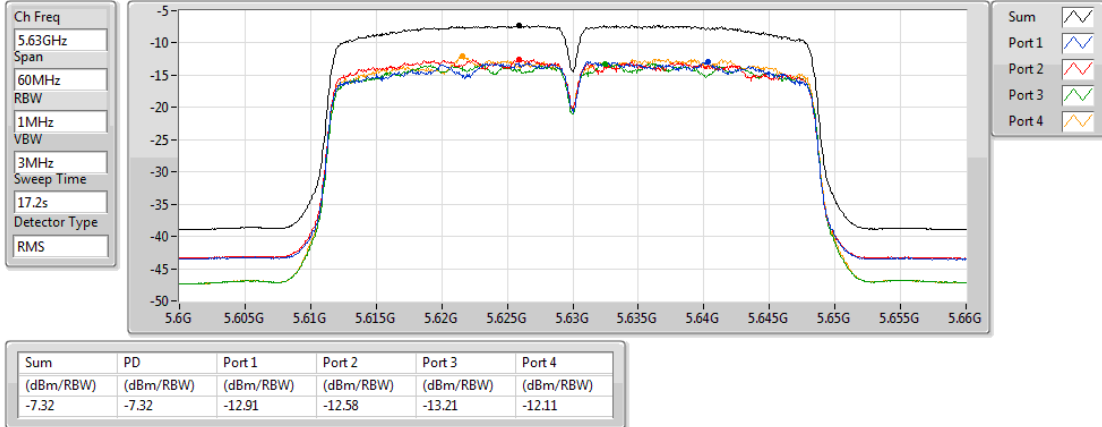


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5630MHz

12/01/2018

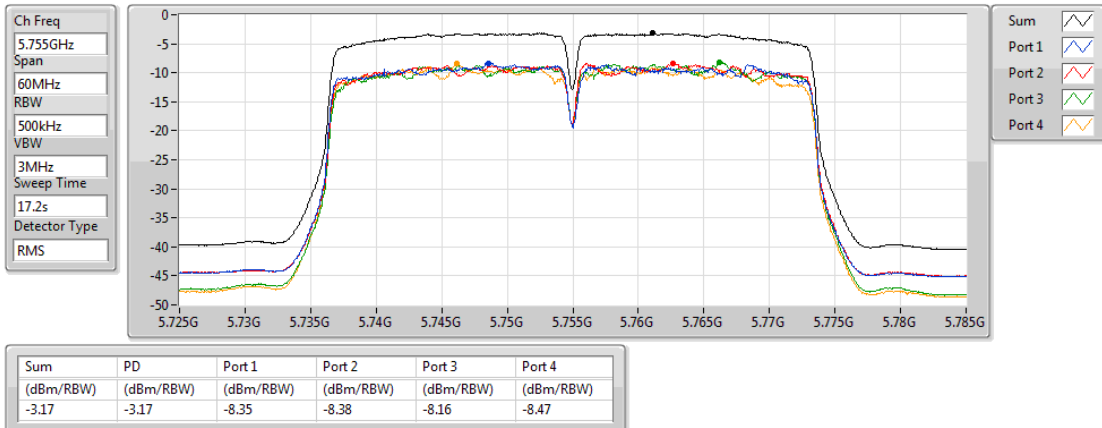


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

12/01/2018

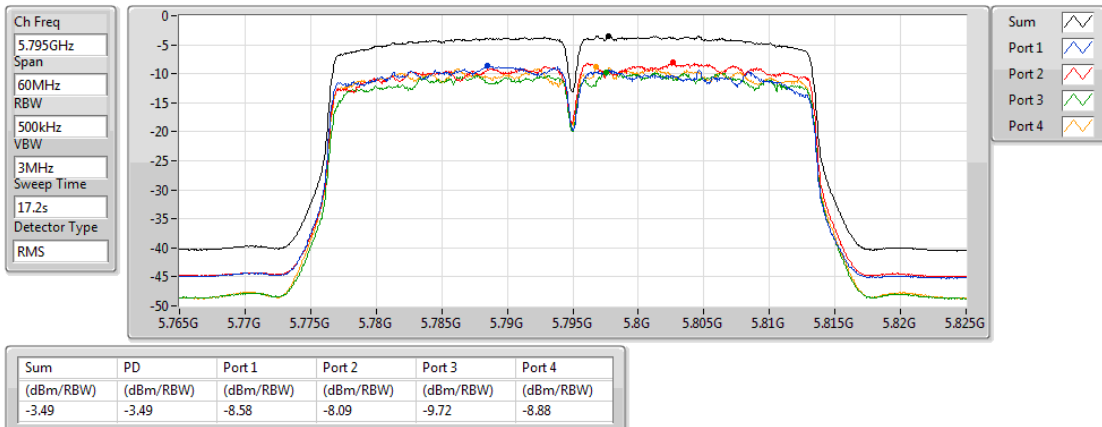


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

12/01/2018

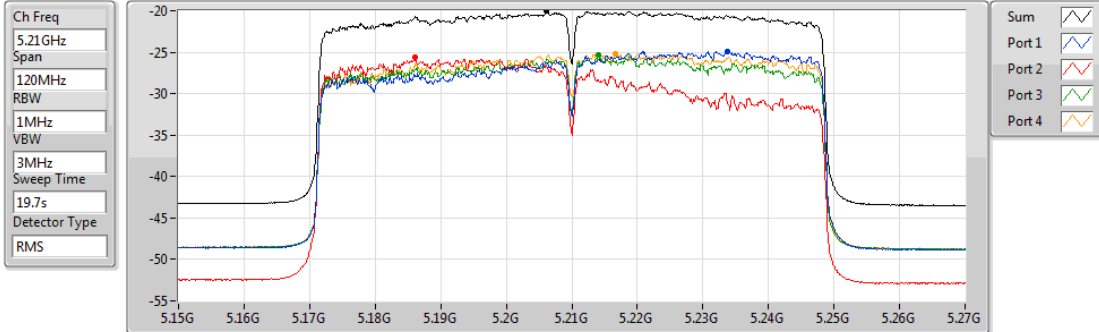


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

18/01/2018



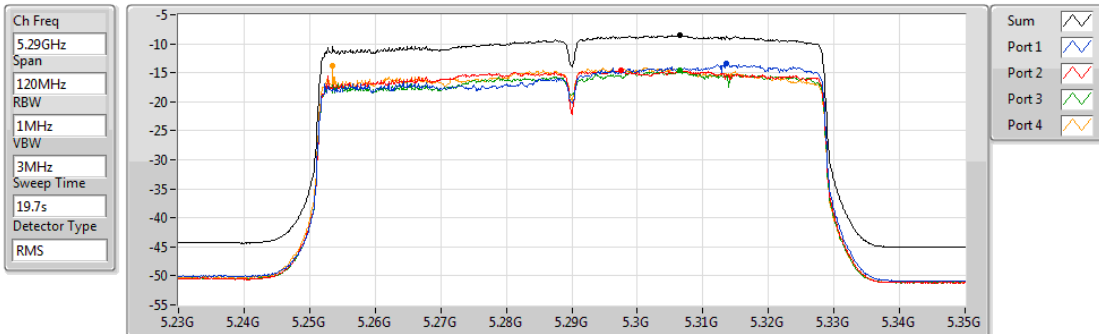
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-20.06	-20.06	-24.89	-25.65	-25.37	-25.20

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

12/01/2018



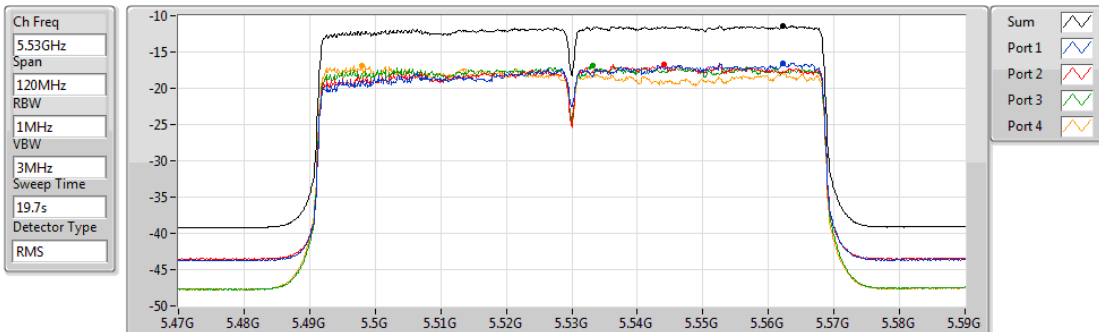
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.56	-8.56	-13.37	-14.66	-14.58	-13.71

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

12/01/2018



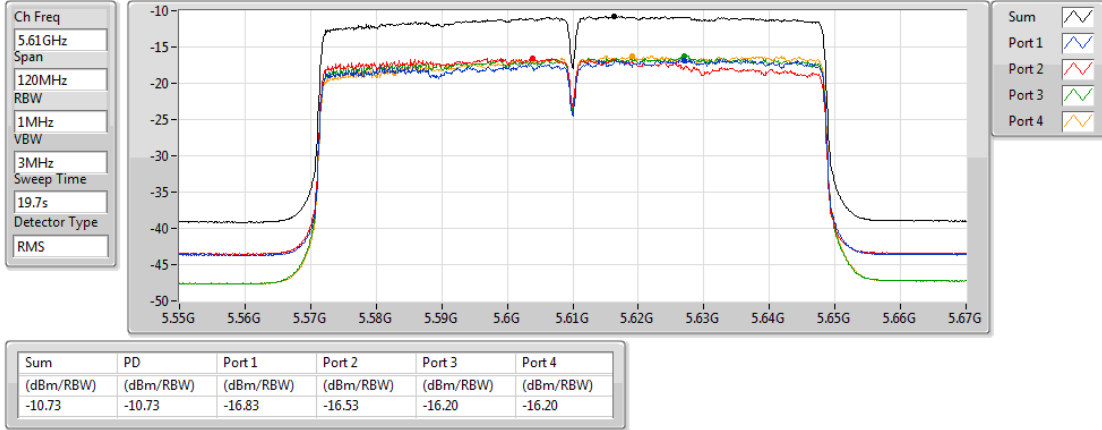
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-11.40	-11.40	-16.51	-16.75	-16.93	-16.81

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

12/01/2018

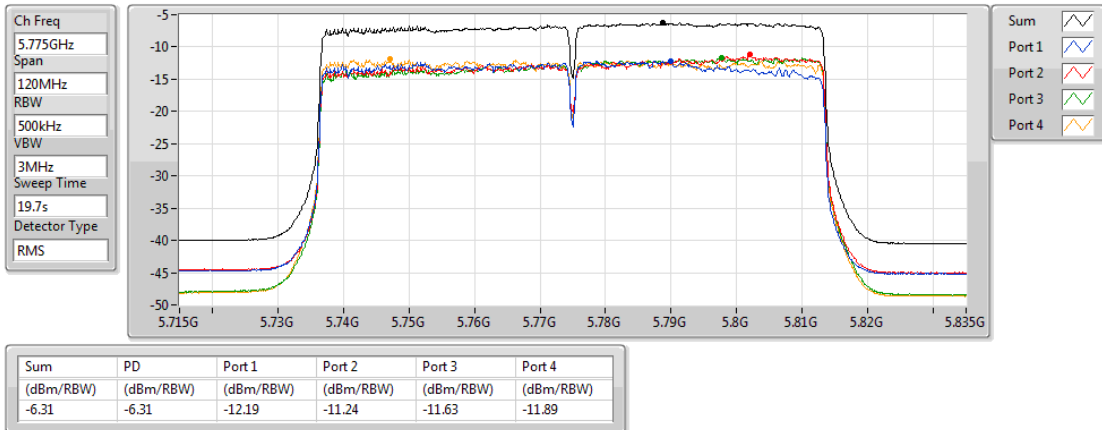


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

12/01/2018

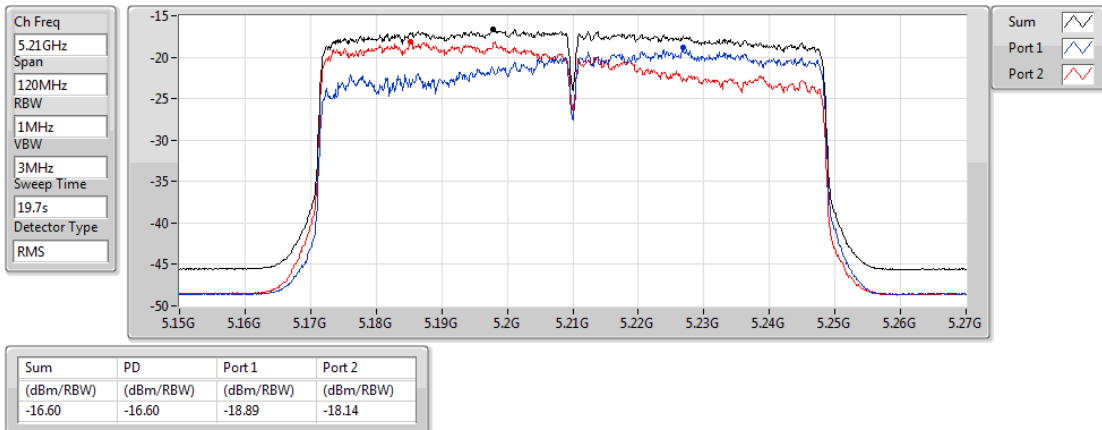


802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port1&Port2)

PSD

#5210MHz,5290MHz

18/01/2018

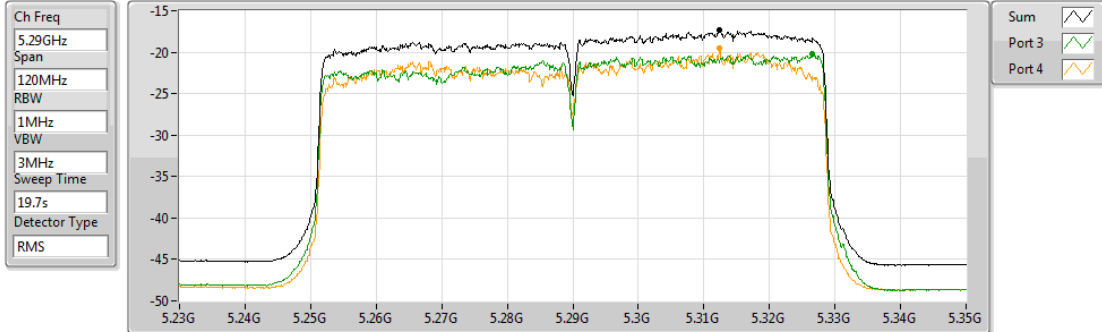


802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX(Port3&Port4)

PSD

5210MHz,#5290MHz

18/01/2018



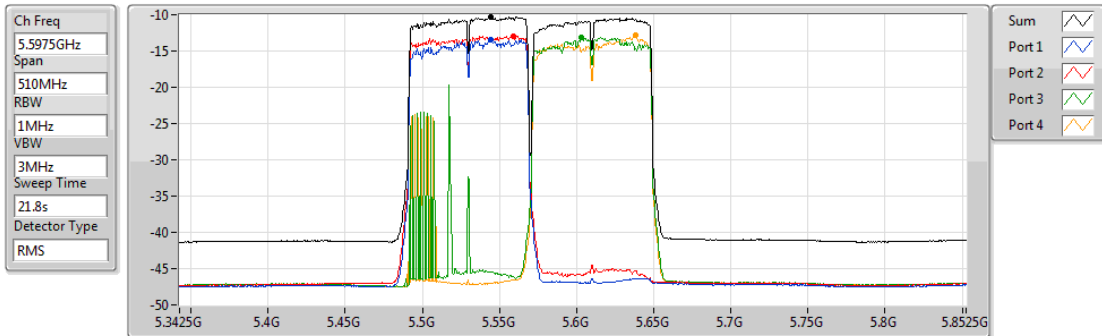
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-17.31	-17.31			-20.16	-19.58

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

12/01/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-10.33	-10.33	-13.46	-12.90	-13.06	-12.83



RSE TX below 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	46	1.24	-



**RSE TX below 1GHz (Antenna Gain 10 dBi)
Non-Beamforming**

Appendix E.1

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5530#5610MHz	Pass	PK	101.69565M	35.82	43.50	-7.68	-14.82	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	183.23188M	36.49	43.50	-7.01	-16.44	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	387.07246M	42.75	46.00	-3.25	-9.06	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	454.55073M	40.92	46.00	-5.08	-7.07	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	507.97101M	37.45	46.00	-8.55	-6.21	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	QP	252.11594M	43.95	46.00	-2.05	-12.18	3	Vertical	266	1.88	-
#5530#5610MHz	Pass	PK	371.6087M	40.87	46.00	-5.13	-9.58	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	PK	451.73913M	39.27	46.00	-6.73	-7.16	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	PK	498.13044M	34.16	46.00	-11.84	-6.23	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	QP	100.28986M	40.47	43.50	-3.03	-14.96	3	Horizontal	12	1.18	-
#5530#5610MHz	Pass	QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	46	1.24	-
#5530#5610MHz	Pass	QP	246.49275M	41.69	46.00	-4.31	-16.00	3	Horizontal	346	1.85	-

Remark :

Page No. : E2 of E4

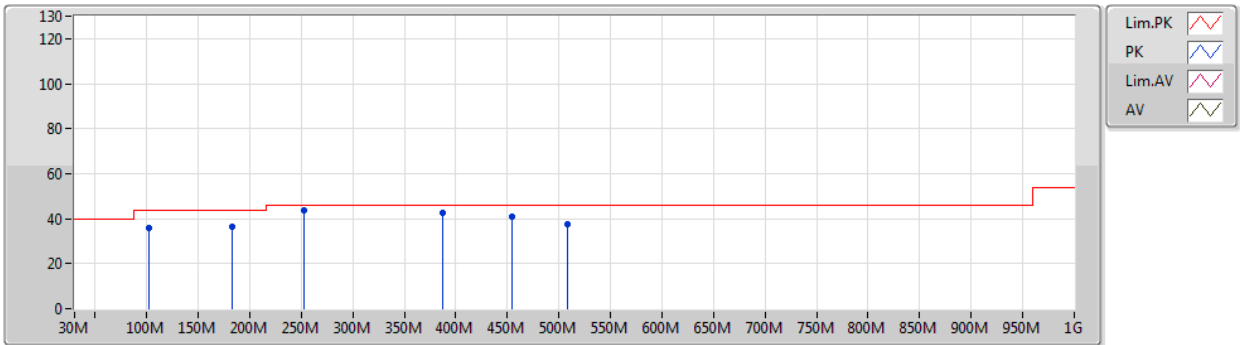
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

943007

802.11ac VHT80+80_Nss1,(MCS0)_4TX

18/06/2019

#5530#5610MHz_PoE

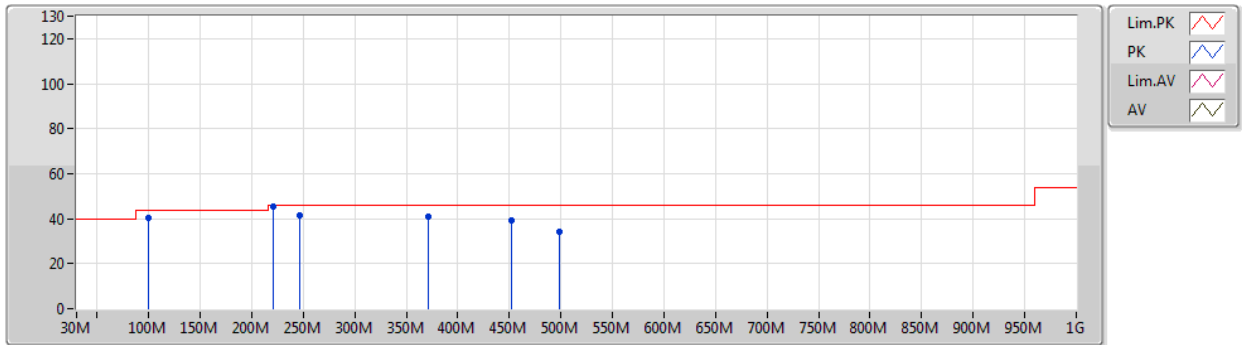


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	101.69565M	35.82	43.50	-7.68	-14.82	3	Vertical	0	2.00	-	50.64	16.16	1.57	32.55
PK	183.23188M	36.49	43.50	-7.01	-16.44	3	Vertical	0	2.00	-	52.93	14.12	1.91	32.47
PK	387.07246M	42.75	46.00	-3.25	-9.06	3	Vertical	0	2.00	-	51.81	20.37	2.73	32.16
PK	454.55073M	40.92	46.00	-5.08	-7.07	3	Vertical	0	2.00	-	47.99	22.00	2.97	32.04
PK	507.97101M	37.45	46.00	-8.55	-6.21	3	Vertical	0	2.00	-	43.66	22.49	3.25	31.95
QP	252.11594M	43.95	46.00	-2.05	-12.18	3	Vertical	266	1.88	-	56.13	18.02	2.16	32.36

802.11ac VHT80+80_Nss1,(MCS0)_4TX

18/06/2019

#5530#5610MHz_PoE



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)
PK	371.6087M	40.87	46.00	-5.13	-9.58	3	Horizontal	360	2.00	-	50.45	19.94	2.66	32.18
PK	451.73913M	39.27	46.00	-6.73	-7.16	3	Horizontal	360	2.00	-	46.43	21.94	2.95	32.05
PK	498.13044M	34.16	46.00	-11.84	-6.23	3	Horizontal	360	2.00	-	40.39	22.51	3.23	31.97
QP	100.28986M	40.47	43.50	-3.03	-14.96	3	Horizontal	12	1.18	-	55.43	16.03	1.56	32.55
QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	46	1.24	-	61.55	14.37	2.04	32.41
QP	246.49275M	41.69	46.00	-4.31	-16.00	3	Horizontal	346	1.85	-	57.69	14.37	2.04	32.41



RSE TX below 1GHz (Antenna Gain 15 dBi)
Non-Beamforming

Appendix E.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	354	1.16	-

Remark :

Page No. : E1 of E4

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

943007



**RSE TX below 1GHz (Antenna Gain 15 dBi)
Non-Beamforming**

Appendix E.2

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5530#5610MHz	Pass	PK	100.28986M	35.78	43.50	-7.72	-16.28	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	181.82609M	36.14	43.50	-7.36	-17.89	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	373.01449M	41.62	46.00	-4.38	-11.34	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	457.36232M	41.12	46.00	-4.88	-8.90	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	PK	654.17391M	36.47	46.00	-9.53	-6.23	3	Vertical	0	2.00	-
#5530#5610MHz	Pass	QP	254.92754M	41.90	46.00	-4.10	-13.37	3	Vertical	155	2.10	-
#5530#5610MHz	Pass	PK	181.82609M	38.79	43.50	-4.71	-16.41	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	PK	371.6087M	42.19	46.00	-3.81	-9.58	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	PK	461.57971M	43.23	46.00	-2.77	-6.88	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	PK	686.50725M	38.07	46.00	-7.93	-3.97	3	Horizontal	360	2.00	-
#5530#5610MHz	Pass	QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	354	1.16	-
#5530#5610MHz	Pass	QP	246.49275M	44.64	46.00	-1.36	-12.95	3	Horizontal	195	1.00	-

Remark :

Page No. : E2 of E4

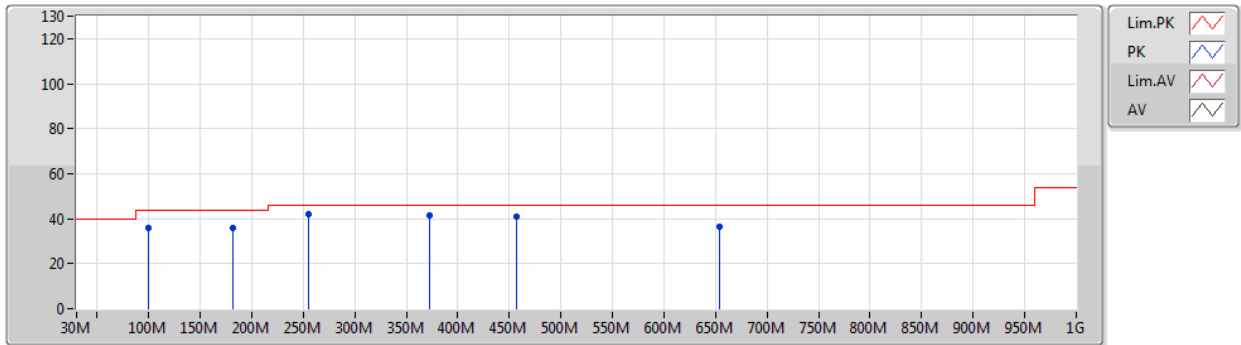
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

943007

802.11ac VHT80+80_Nss1,(MCS0)_4TX

18/06/2019

#5530#5610MHz_PoE

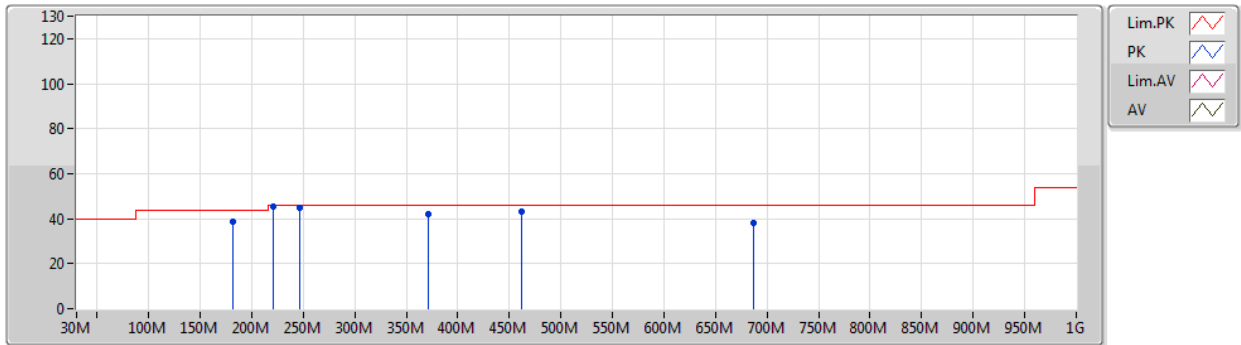


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	100.28986M	35.78	43.50	-7.72	-16.28	3	Vertical	0	2.00	-	52.06	16.03	0.24	32.55
PK	181.82609M	36.14	43.50	-7.36	-17.89	3	Vertical	0	2.00	-	54.03	14.15	0.43	32.47
PK	373.01449M	41.62	46.00	-4.38	-11.34	3	Vertical	0	2.00	-	52.96	19.96	0.88	32.18
PK	457.36232M	41.12	46.00	-4.88	-8.90	3	Vertical	0	2.00	-	50.02	22.06	1.08	32.04
PK	654.17391M	36.47	46.00	-9.53	-6.23	3	Vertical	0	2.00	-	42.70	23.98	1.55	31.76
QP	254.92754M	41.90	46.00	-4.10	-13.37	3	Vertical	155	2.10	-	55.27	18.39	0.60	32.36

802.11ac VHT80+80_Nss1,(MCS0)_4TX

18/06/2019

#5530#5610MHz_PoE



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)
PK	181.82609M	38.79	43.50	-4.71	-16.41	3	Horizontal	360	2.00	-	55.20	14.15	1.91	32.47
PK	371.6087M	42.19	46.00	-3.81	-9.58	3	Horizontal	360	2.00	-	51.77	19.94	2.66	32.18
PK	461.57971M	43.23	46.00	-2.77	-6.88	3	Horizontal	360	2.00	-	50.11	22.14	3.01	32.03
PK	686.50725M	38.07	46.00	-7.93	-3.97	3	Horizontal	360	2.00	-	42.04	23.93	3.82	31.72
QP	221.18841M	45.55	46.00	-0.45	-16.00	3	Horizontal	354	1.16	-	61.55	14.37	2.04	32.41
QP	246.49275M	44.64	46.00	-1.36	-12.95	3	Horizontal	195	1.00	-	57.59	17.28	2.14	32.37



RSE TX below 1GHz (Antenna Gain 10 dBi)
Beamforming

Appendix E.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	Pass	QP	37.76M	39.11	40.00	-0.89	-16.56	3	Vertical	53	2.48	-

Remark :

Page No. : E1 of E4

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

943007



RSE TX below 1GHz (Antenna Gain 10 dBi) Beamforming

Appendix E.3

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5530#5610MHz	Pass	PK	119.24M	38.45	43.50	-5.05	-18.26	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	268.62M	36.22	46.00	-9.78	-14.84	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	365.62M	40.47	46.00	-5.53	-13.38	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	710.94M	33.59	46.00	-12.41	-6.95	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	QP	37.76M	39.11	40.00	-0.89	-16.56	3	Vertical	53	2.48	-
#5530#5610MHz	Pass	QP	532.46M	31.80	46.00	-14.20	-9.67	3	Vertical	1	1.95	-
#5530#5610MHz	Pass	PK	61.04M	30.72	40.00	-9.28	-24.81	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	125.06M	34.19	43.50	-9.31	-18.11	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	258.92M	41.75	46.00	-4.25	-14.45	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	472.32M	39.75	46.00	-6.25	-10.36	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	559.62M	36.68	46.00	-9.32	-7.85	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	823.46M	42.07	46.00	-3.93	-4.89	3	Horizontal	360	1.00	-

Remark :

Page No. : E2 of E4

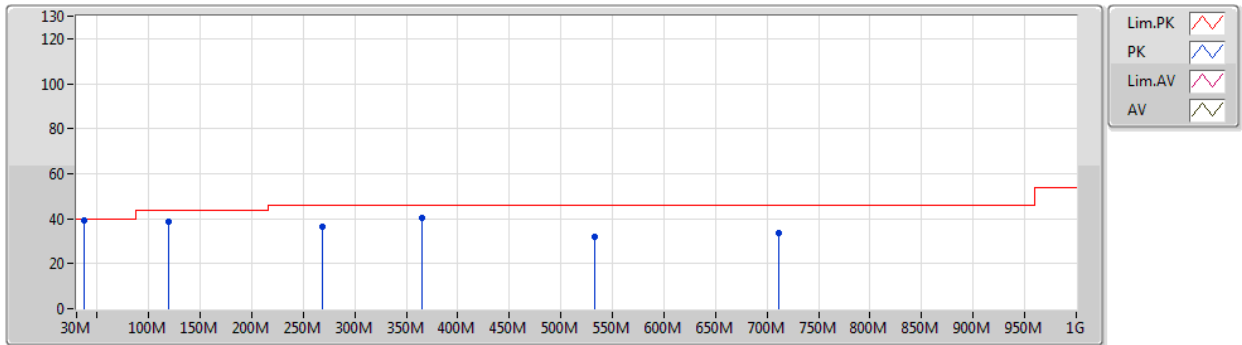
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

943007

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

09/01/2018

#5530#5610MHz_PoE

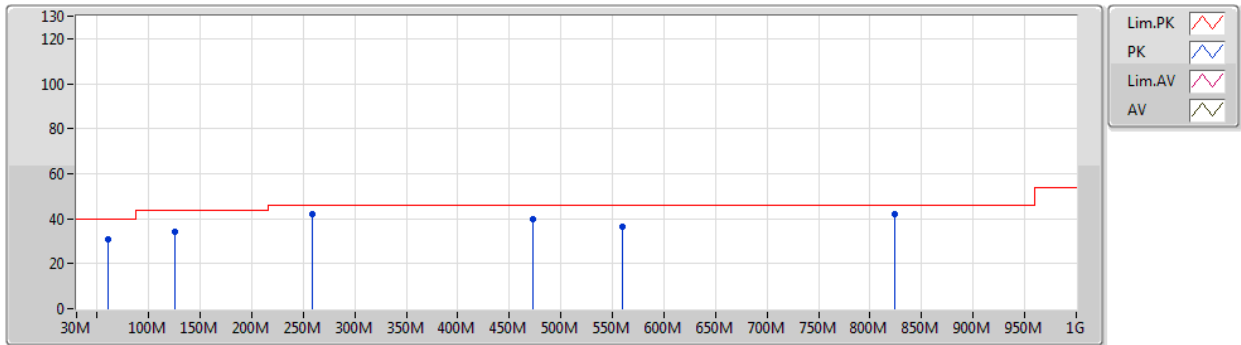


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	38.45	43.50	-5.05	-18.26	3	Vertical	0	1.00	-	56.71	16.69	1.77	36.72
PK	268.62M	36.22	46.00	-9.78	-14.84	3	Vertical	0	1.00	-	51.06	18.86	2.72	36.42
PK	365.62M	40.47	46.00	-5.53	-13.38	3	Vertical	0	1.00	-	53.85	20.00	3.17	36.55
PK	710.94M	33.59	46.00	-12.41	-6.95	3	Vertical	0	1.00	-	40.54	26.04	4.37	37.36
QP	37.76M	39.11	40.00	-0.89	-16.56	3	Vertical	53	2.48	-	55.67	19.67	1.03	37.26
QP	532.46M	31.80	46.00	-14.20	-9.67	3	Vertical	1	1.95	-	41.47	23.32	4.01	37.01

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

09/01/2018

#5530#5610MHz_PoE



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)
PK	61.04M	30.72	40.00	-9.28	-24.81	3	Horizontal	360	1.00	-	55.53	10.99	1.27	37.07
PK	125.06M	34.19	43.50	-9.31	-18.11	3	Horizontal	360	1.00	-	52.30	16.76	1.83	36.69
PK	258.92M	41.75	46.00	-4.25	-14.45	3	Horizontal	360	1.00	-	56.20	19.34	2.63	36.42
PK	472.32M	39.75	46.00	-6.25	-10.36	3	Horizontal	360	1.00	-	50.11	22.76	3.71	36.84
PK	559.62M	36.68	46.00	-9.32	-7.85	3	Horizontal	360	1.00	-	44.53	25.17	4.06	37.08
PK	823.46M	42.07	46.00	-3.93	-4.89	3	Horizontal	360	1.00	-	46.96	27.58	5.02	37.49



RSE TX below 1GHz (Antenna Gain 15 dBi)
Beamforming

Appendix E.4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	Pass	QP	37.76M	39.51	40.00	-0.49	-16.56	3	Vertical	331	2.01	-

Remark :

Page No. : E1 of E4

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

943007



RSE TX below 1GHz (Antenna Gain 15 dBi) Beamforming

Appendix E.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5530#5610MHz	Pass	PK	192.96M	37.72	43.50	-5.78	-20.12	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	239.52M	39.34	46.00	-6.66	-17.41	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	443.22M	43.61	46.00	-2.39	-11.01	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	PK	786.6M	40.60	46.00	-5.40	-5.25	3	Vertical	0	1.00	-
#5530#5610MHz	Pass	QP	37.76M	39.51	40.00	-0.49	-16.56	3	Vertical	331	2.01	-
#5530#5610MHz	Pass	QP	528.58M	34.13	46.00	-11.87	-9.69	3	Vertical	183	2.11	-
#5530#5610MHz	Pass	PK	37.76M	30.70	40.00	-9.30	-16.56	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	123.12M	32.37	43.50	-11.13	-18.15	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	262.8M	39.12	46.00	-6.88	-14.46	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	328.76M	42.56	46.00	-3.44	-14.49	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	PK	825.4M	41.85	46.00	-4.15	-4.81	3	Horizontal	360	1.00	-
#5530#5610MHz	Pass	QP	790.48M	27.16	46.00	-18.84	-5.24	3	Horizontal	328	2.27	-

Remark :

Page No. : E2 of E4

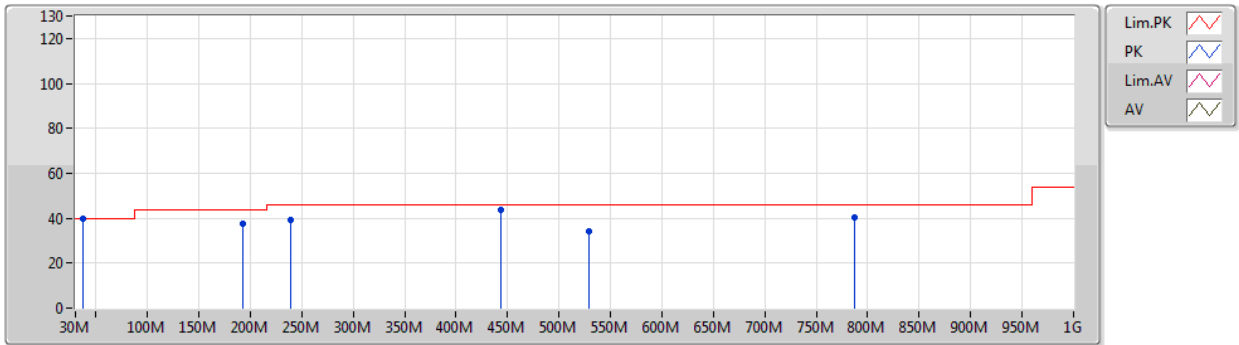
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

943007

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

10/01/2018

#5530#5610MHz_PoE

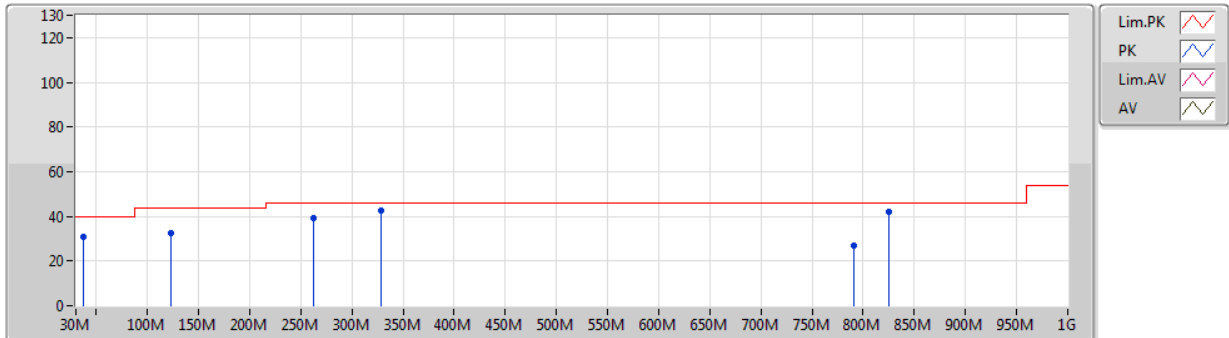


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	192.96M	37.72	43.50	-5.78	-20.12	3	Vertical	0	1.00	-	57.84	14.02	2.26	36.41
PK	239.52M	39.34	46.00	-6.66	-17.41	3	Vertical	0	1.00	-	56.75	16.49	2.51	36.40
PK	443.22M	43.61	46.00	-2.39	-11.01	3	Vertical	0	1.00	-	54.62	22.23	3.50	36.74
PK	786.6M	40.60	46.00	-5.40	-5.25	3	Vertical	0	1.00	-	45.85	27.35	4.86	37.46
QP	37.76M	39.51	40.00	-0.49	-16.56	3	Vertical	331	2.01	-	56.07	19.67	1.03	37.26
QP	528.58M	34.13	46.00	-11.87	-9.69	3	Vertical	183	2.11	-	43.82	23.30	4.01	37.00

802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

10/01/2018

#5530#5610MHz_PoE



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)
PK	37.76M	30.70	40.00	-9.30	-16.56	3	Horizontal	360	1.00	-	47.26	19.67	1.03	37.26
PK	123.12M	32.37	43.50	-11.13	-18.15	3	Horizontal	360	1.00	-	50.52	16.75	1.81	36.70
PK	262.8M	39.12	46.00	-6.88	-14.46	3	Horizontal	360	1.00	-	53.58	19.29	2.67	36.42
PK	328.76M	42.56	46.00	-3.44	-14.49	3	Horizontal	360	1.00	-	57.05	18.94	3.06	36.49
PK	825.4M	41.85	46.00	-4.15	-4.81	3	Horizontal	360	1.00	-	46.66	27.66	5.02	37.49
QP	790.48M	27.16	46.00	-18.84	-5.24	3	Horizontal	328	2.27	-	32.40	27.34	4.90	37.47



RSE TX above 1GHz (Antenna Gain 10 dBi) Non-Beamforming

Appendix E.5

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.1452G	53.83	54.00	-0.17	2.73	3	Vertical	0	2.07	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	53.85	54.00	-0.15	2.73	3	Vertical	0	1.70	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	53.76	54.00	-0.24	2.73	3	Vertical	356	2.18	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.145G	53.50	54.00	-0.50	2.73	3	Vertical	23	1.35	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.350005G	53.29	54.00	-0.71	2.85	3	Horizontal	13	1.64	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.350005G	53.87	54.00	-0.13	2.85	3	Vertical	2	1.62	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.350005G	53.85	54.00	-0.15	2.85	3	Vertical	0	1.63	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.3536G	53.90	54.00	-0.10	2.85	3	Vertical	358	1.78	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.353G	53.52	54.00	-0.48	2.85	3	Vertical	21	1.52	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.4678G	68.12	68.20	-0.08	2.92	3	Horizontal	198	1.93	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.4666G	67.84	68.20	-0.36	2.92	3	Horizontal	200	1.93	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.4696G	67.90	68.20	-0.30	2.92	3	Horizontal	203	1.98	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.46G	53.14	54.00	-0.86	2.91	3	Horizontal	201	1.88	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.46G	52.23	54.00	-1.77	2.91	3	Horizontal	204	1.74	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.487485G	48.49	54.00	-5.51	-11.65	3	Horizontal	293	2.31	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	11.568842G	49.98	54.00	-4.02	-11.45	3	Horizontal	313	1.23	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	11.60158G	48.46	54.00	-5.54	15.69	3	Horizontal	67	1.51	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.6922G	92.22	99.43	-7.21	3.31	3	Vertical	184	1.32	-

Remark :

Page No. : E1 of E185

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

943007



**RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming**

Appendix E.5

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.82	54.00	-0.18	2.73	3	Vertical	359	1.82	-
5180MHz	Pass	AV	5.185G	104.60	Inf	-Inf	2.75	3	Vertical	359	1.82	-
5180MHz	Pass	PK	5.1494G	65.39	74.00	-8.61	2.73	3	Vertical	359	1.82	-
5180MHz	Pass	PK	5.1856G	114.56	Inf	-Inf	2.75	3	Vertical	359	1.82	-
5180MHz	Pass	AV	5.1484G	45.52	54.00	-8.48	2.73	3	Horizontal	6	1.19	-
5180MHz	Pass	AV	5.1792G	102.25	Inf	-Inf	2.75	3	Horizontal	6	1.19	-
5180MHz	Pass	PK	5.1392G	57.94	74.00	-16.06	2.73	3	Horizontal	6	1.19	-
5180MHz	Pass	PK	5.1792G	112.38	Inf	-Inf	2.75	3	Horizontal	6	1.19	-
5180MHz	Pass	AV	15.53604G	49.95	54.00	-4.05	14.11	3	Vertical	194	1.68	-
5180MHz	Pass	PK	15.53682G	60.66	74.00	-13.34	14.11	3	Vertical	194	1.68	-
5180MHz	Pass	AV	15.5349G	48.75	54.00	-5.25	14.12	3	Horizontal	13	2.41	-
5180MHz	Pass	PK	15.53106G	60.56	74.00	-13.44	14.14	3	Horizontal	13	2.41	-
5200MHz	Pass	AV	5.1464G	53.58	54.00	-0.42	2.73	3	Vertical	0	1.74	-
5200MHz	Pass	AV	5.2052G	107.13	Inf	-Inf	2.76	3	Vertical	0	1.74	-
5200MHz	Pass	PK	5.1476G	67.50	74.00	-6.50	2.73	3	Vertical	0	1.74	-
5200MHz	Pass	PK	5.2044G	117.27	Inf	-Inf	2.76	3	Vertical	0	1.74	-
5200MHz	Pass	AV	5.149995G	48.42	54.00	-5.58	2.73	3	Horizontal	13	1.73	-
5200MHz	Pass	AV	5.2032G	104.81	Inf	-Inf	2.76	3	Horizontal	13	1.73	-
5200MHz	Pass	PK	5.1492G	60.86	74.00	-13.14	2.73	3	Horizontal	13	1.73	-
5200MHz	Pass	PK	5.2032G	115.16	Inf	-Inf	2.76	3	Horizontal	13	1.73	-
5200MHz	Pass	AV	15.5978G	52.04	54.00	-1.96	13.83	3	Vertical	88	1.39	-
5200MHz	Pass	PK	10.3979G	61.90	68.20	-6.30	12.44	3	Vertical	17	2.37	-
5200MHz	Pass	PK	15.5969G	64.37	74.00	-9.63	13.83	3	Vertical	88	1.39	-
5200MHz	Pass	AV	15.5991G	48.74	54.00	-5.26	13.82	3	Horizontal	321	1.65	-
5200MHz	Pass	PK	10.3962G	55.46	68.20	-12.74	12.43	3	Horizontal	175	1.22	-
5200MHz	Pass	PK	15.5969G	61.34	74.00	-12.66	13.83	3	Horizontal	321	1.65	-
5240MHz	Pass	AV	5.1452G	53.83	54.00	-0.17	2.73	3	Vertical	0	2.07	-
5240MHz	Pass	AV	5.2466G	108.35	Inf	-Inf	2.78	3	Vertical	0	2.07	-
5240MHz	Pass	AV	5.354G	47.38	54.00	-6.62	2.85	3	Vertical	0	2.07	-
5240MHz	Pass	PK	5.1458G	68.20	74.00	-5.80	2.73	3	Vertical	0	2.07	-
5240MHz	Pass	PK	5.2472G	119.98	Inf	-Inf	2.78	3	Vertical	0	2.07	-
5240MHz	Pass	PK	5.3612G	60.86	74.00	-13.14	2.85	3	Vertical	0	2.07	-
5240MHz	Pass	AV	5.149995G	46.67	54.00	-7.33	2.73	3	Horizontal	356	1.04	-
5240MHz	Pass	AV	5.2406G	107.47	Inf	-Inf	2.78	3	Horizontal	356	1.04	-
5240MHz	Pass	AV	5.350005G	43.26	54.00	-10.74	2.85	3	Horizontal	356	1.04	-
5240MHz	Pass	PK	5.1488G	59.55	74.00	-14.45	2.73	3	Horizontal	356	1.04	-
5240MHz	Pass	PK	5.2418G	118.02	Inf	-Inf	2.78	3	Horizontal	356	1.04	-
5240MHz	Pass	PK	5.3792G	56.03	74.00	-17.97	2.87	3	Horizontal	356	1.04	-
5240MHz	Pass	AV	15.7199G	50.85	54.00	-3.15	13.24	3	Vertical	314	1.11	-
5240MHz	Pass	PK	10.4779G	65.21	68.20	-2.99	12.65	3	Vertical	15	2.34	-
5240MHz	Pass	PK	15.7187G	63.60	74.00	-10.40	13.25	3	Vertical	314	1.11	-
5240MHz	Pass	AV	15.6964G	47.23	54.00	-6.77	13.35	3	Horizontal	179	2.09	-
5240MHz	Pass	PK	10.4761G	58.13	68.20	-10.07	12.64	3	Horizontal	169	1.12	-
5240MHz	Pass	PK	15.7031G	59.29	74.00	-14.71	13.33	3	Horizontal	179	2.09	-
5260MHz	Pass	AV	5.149995G	49.01	54.00	-4.99	2.73	3	Vertical	357	1.65	-
5260MHz	Pass	AV	5.2648G	109.30	Inf	-Inf	2.81	3	Vertical	357	1.65	-
5260MHz	Pass	AV	5.353G	52.39	54.00	-1.61	2.85	3	Vertical	357	1.65	-

Remark :

Page No. : E2 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.149995G	62.53	74.00	-11.47	2.73	3	Vertical	357	1.65	-
5260MHz	Pass	PK	5.2648G	119.75	Inf	-Inf	2.81	3	Vertical	357	1.65	-
5260MHz	Pass	PK	5.3524G	67.68	74.00	-6.32	2.85	3	Vertical	357	1.65	-
5260MHz	Pass	AV	5.143G	46.21	54.00	-7.79	2.73	3	Horizontal	9	1.52	-
5260MHz	Pass	AV	5.263G	109.45	Inf	-Inf	2.81	3	Horizontal	9	1.52	-
5260MHz	Pass	AV	5.350005G	45.46	54.00	-8.54	2.85	3	Horizontal	9	1.52	-
5260MHz	Pass	PK	5.1424G	58.90	74.00	-15.10	2.73	3	Horizontal	9	1.52	-
5260MHz	Pass	PK	5.263G	120.18	Inf	-Inf	2.81	3	Horizontal	9	1.52	-
5260MHz	Pass	PK	5.350005G	56.49	74.00	-17.51	2.85	3	Horizontal	9	1.52	-
5260MHz	Pass	AV	15.7816G	53.68	54.00	-0.32	12.96	3	Vertical	293	1.51	-
5260MHz	Pass	PK	10.5179G	60.69	68.20	-7.51	12.75	3	Vertical	5	1.75	-
5260MHz	Pass	PK	15.78G	67.23	74.00	-6.77	12.97	3	Vertical	293	1.51	-
5260MHz	Pass	AV	15.7552G	45.97	54.00	-8.03	13.08	3	Horizontal	38	1.38	-
5260MHz	Pass	PK	10.5175G	57.57	68.20	-10.63	12.74	3	Horizontal	21	1.02	-
5260MHz	Pass	PK	15.7847G	56.77	74.00	-17.23	12.95	3	Horizontal	38	1.38	-
5300MHz	Pass	AV	5.3032G	107.49	Inf	-Inf	2.82	3	Vertical	3	1.73	-
5300MHz	Pass	AV	5.350005G	51.77	54.00	-2.23	2.85	3	Vertical	3	1.73	-
5300MHz	Pass	PK	5.2968G	117.67	Inf	-Inf	2.82	3	Vertical	3	1.73	-
5300MHz	Pass	PK	5.350005G	63.33	74.00	-10.67	2.85	3	Vertical	3	1.73	-
5300MHz	Pass	AV	5.3012G	105.55	Inf	-Inf	2.82	3	Horizontal	11	1.59	-
5300MHz	Pass	AV	5.350005G	44.50	54.00	-9.50	2.85	3	Horizontal	11	1.59	-
5300MHz	Pass	PK	5.3016G	115.44	Inf	-Inf	2.82	3	Horizontal	11	1.59	-
5300MHz	Pass	PK	5.3532G	56.34	74.00	-17.66	2.85	3	Horizontal	11	1.59	-
5300MHz	Pass	AV	15.907G	52.18	54.00	-1.82	12.36	3	Vertical	86	1.63	-
5300MHz	Pass	PK	10.5971G	56.86	68.20	-11.34	12.97	3	Vertical	80	2.20	-
5300MHz	Pass	PK	15.8946G	65.32	74.00	-8.68	12.42	3	Vertical	86	1.63	-
5300MHz	Pass	AV	15.9057G	45.71	54.00	-8.29	12.37	3	Horizontal	209	1.35	-
5300MHz	Pass	PK	10.599G	49.96	68.20	-18.24	12.97	3	Horizontal	95	1.95	-
5300MHz	Pass	PK	15.9072G	59.02	74.00	-14.98	12.36	3	Horizontal	209	1.35	-
5320MHz	Pass	AV	5.3232G	104.65	Inf	-Inf	2.83	3	Vertical	2	1.62	-
5320MHz	Pass	AV	5.350005G	53.87	54.00	-0.13	2.85	3	Vertical	2	1.62	-
5320MHz	Pass	PK	5.3232G	115.50	Inf	-Inf	2.83	3	Vertical	2	1.62	-
5320MHz	Pass	PK	5.3508G	68.94	74.00	-5.06	2.85	3	Vertical	2	1.62	-
5320MHz	Pass	AV	5.3208G	103.66	Inf	-Inf	2.83	3	Horizontal	351	1.44	-
5320MHz	Pass	AV	5.3512G	44.90	54.00	-9.10	2.85	3	Horizontal	351	1.44	-
5320MHz	Pass	PK	5.3212G	113.92	Inf	-Inf	2.83	3	Horizontal	351	1.44	-
5320MHz	Pass	PK	5.3508G	58.69	74.00	-15.31	2.85	3	Horizontal	351	1.44	-
5320MHz	Pass	AV	15.9609G	50.15	54.00	-3.85	12.11	3	Vertical	176	1.62	-
5320MHz	Pass	PK	15.9614G	63.50	74.00	-10.50	12.11	3	Vertical	176	1.62	-
5320MHz	Pass	AV	15.9708G	45.67	54.00	-8.33	12.06	3	Horizontal	162	1.87	-
5320MHz	Pass	PK	15.9825G	59.06	74.00	-14.94	12.00	3	Horizontal	162	1.87	-
5500MHz	Pass	AV	5.4592G	44.67	54.00	-9.33	2.91	3	Vertical	180	1.67	-
5500MHz	Pass	AV	5.5032G	102.05	Inf	-Inf	2.94	3	Vertical	180	1.67	-
5500MHz	Pass	PK	5.4664G	58.10	68.20	-10.10	2.91	3	Vertical	180	1.67	-
5500MHz	Pass	PK	5.5024G	112.63	Inf	-Inf	2.93	3	Vertical	180	1.67	-
5500MHz	Pass	AV	5.46G	48.24	54.00	-5.76	2.91	3	Horizontal	206	1.95	-
5500MHz	Pass	AV	5.5032G	102.68	Inf	-Inf	2.94	3	Horizontal	206	1.95	-
5500MHz	Pass	PK	5.4698G	67.73	68.20	-0.47	2.91	3	Horizontal	206	1.95	-
5500MHz	Pass	PK	5.503G	113.06	Inf	-Inf	2.94	3	Horizontal	206	1.95	-

Remark :

Page No. : E3 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	AV	11G	49.82	54.00	-4.18	16.14	3	Vertical	26	1.97	-
5500MHz	Pass	PK	11G	62.96	74.00	-11.04	16.14	3	Vertical	26	1.97	-
5500MHz	Pass	AV	11G	48.73	54.00	-5.27	16.14	3	Horizontal	145	1.52	-
5500MHz	Pass	PK	11G	61.95	74.00	-12.05	16.14	3	Horizontal	145	1.52	-
5540MHz	Pass	AV	5.4524G	46.52	54.00	-7.48	2.91	3	Vertical	183	2.11	-
5540MHz	Pass	AV	5.5466G	107.01	Inf	-Inf	3.02	3	Vertical	183	2.11	-
5540MHz	Pass	PK	5.4698G	59.57	68.20	-8.63	2.92	3	Vertical	183	2.11	-
5540MHz	Pass	PK	5.5466G	117.48	Inf	-Inf	3.02	3	Vertical	183	2.11	-
5540MHz	Pass	AV	5.459995G	53.33	54.00	-0.67	2.91	3	Horizontal	189	1.49	-
5540MHz	Pass	AV	5.543G	106.80	Inf	-Inf	3.02	3	Horizontal	189	1.49	-
5540MHz	Pass	PK	5.4698G	67.79	68.20	-0.41	2.92	3	Horizontal	189	1.49	-
5540MHz	Pass	PK	5.5364G	117.12	Inf	-Inf	3.01	3	Horizontal	189	1.49	-
5540MHz	Pass	AV	11.08G	53.67	54.00	-0.33	-12.63	3	Vertical	328	1.17	-
5540MHz	Pass	PK	11.08G	67.27	74.00	-6.73	-12.63	3	Vertical	328	1.17	-
5540MHz	Pass	AV	11.082036G	53.05	54.00	-0.95	-12.62	3	Horizontal	145	1.54	-
5540MHz	Pass	PK	11.080599G	67.01	74.00	-6.99	-12.62	3	Horizontal	145	1.54	-
5580MHz	Pass	AV	5.46G	45.49	54.00	-8.51	2.91	3	Vertical	180	1.49	-
5580MHz	Pass	AV	5.5806G	107.89	Inf	-Inf	3.10	3	Vertical	180	1.49	-
5580MHz	Pass	PK	5.466G	57.06	68.20	-11.14	2.92	3	Vertical	180	1.49	-
5580MHz	Pass	PK	5.5812G	118.09	Inf	-Inf	3.10	3	Vertical	180	1.49	-
5580MHz	Pass	PK	5.727G	56.68	68.20	-11.52	3.38	3	Vertical	180	1.49	-
5580MHz	Pass	AV	5.46G	52.44	54.00	-1.56	2.91	3	Horizontal	198	1.93	-
5580MHz	Pass	AV	5.5854G	108.24	Inf	-Inf	3.10	3	Horizontal	198	1.93	-
5580MHz	Pass	PK	5.4678G	68.12	68.20	-0.08	2.92	3	Horizontal	198	1.93	-
5580MHz	Pass	PK	5.5848G	118.47	Inf	-Inf	3.10	3	Horizontal	198	1.93	-
5580MHz	Pass	PK	5.73G	57.35	68.20	-10.85	3.39	3	Horizontal	198	1.93	-
5580MHz	Pass	AV	11.157645G	52.60	54.00	-1.40	-12.44	3	Vertical	329	1.44	-
5580MHz	Pass	PK	11.157285G	64.94	74.00	-9.06	-12.44	3	Vertical	329	1.44	-
5580MHz	Pass	AV	11.157006G	53.52	54.00	-0.48	-12.45	3	Horizontal	62	1.43	-
5580MHz	Pass	PK	11.156048G	66.86	74.00	-7.14	-12.45	3	Horizontal	62	1.43	-
5640MHz	Pass	AV	5.6428G	109.28	Inf	-Inf	3.22	3	Vertical	180	1.64	-
5640MHz	Pass	PK	5.6428G	120.09	Inf	-Inf	3.22	3	Vertical	180	1.64	-
5640MHz	Pass	PK	5.7352G	56.99	68.20	-11.21	3.41	3	Vertical	180	1.64	-
5640MHz	Pass	AV	5.6368G	109.03	Inf	-Inf	3.21	3	Horizontal	205	1.69	-
5640MHz	Pass	PK	5.6372G	119.16	Inf	-Inf	3.21	3	Horizontal	205	1.69	-
5640MHz	Pass	PK	5.7304G	58.09	68.20	-10.11	3.39	3	Horizontal	205	1.69	-
5640MHz	Pass	AV	11.277565G	53.26	54.00	-0.74	-12.16	3	Vertical	329	1.39	-
5640MHz	Pass	PK	11.275968G	66.43	74.00	-7.57	-12.16	3	Vertical	329	1.39	-
5640MHz	Pass	AV	11.276966G	52.66	54.00	-1.34	-12.16	3	Horizontal	311	1.48	-
5640MHz	Pass	PK	11.276128G	65.81	74.00	-8.19	-12.16	3	Horizontal	311	1.48	-
5745MHz	Pass	AV	5.7438G	110.65	Inf	-Inf	3.43	3	Vertical	185	1.28	-
5745MHz	Pass	PK	5.7162G	99.87	109.74	-9.87	3.37	3	Vertical	185	1.28	-
5745MHz	Pass	PK	5.7438G	120.65	Inf	-Inf	3.43	3	Vertical	185	1.28	-
5745MHz	Pass	PK	5.9274G	55.47	68.20	-12.73	3.80	3	Vertical	185	1.28	-
5745MHz	Pass	AV	5.7474G	109.14	Inf	-Inf	3.44	3	Horizontal	199	1.50	-
5745MHz	Pass	PK	5.5974G	55.90	68.20	-12.30	3.13	3	Horizontal	199	1.50	-
5745MHz	Pass	PK	5.7474G	119.64	Inf	-Inf	3.44	3	Horizontal	199	1.50	-
5745MHz	Pass	PK	5.9322G	55.36	68.20	-12.84	3.81	3	Horizontal	199	1.50	-
5745MHz	Pass	AV	11.495629G	45.77	54.00	-8.23	-11.63	3	Vertical	318	1.99	-

Remark :

Page No. : E4 of E185

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

943007



**RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming**

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	11.49495G	59.04	74.00	-14.96	-11.63	3	Vertical	318	1.99	-
5745MHz	Pass	AV	11.487485G	48.49	54.00	-5.51	-11.65	3	Horizontal	293	2.31	-
5745MHz	Pass	PK	11.486687G	60.92	74.00	-13.08	-11.65	3	Horizontal	293	2.31	-
5785MHz	Pass	AV	5.7886G	110.50	Inf	-Inf	3.52	3	Horizontal	198	1.54	-
5785MHz	Pass	PK	5.6122G	56.18	68.20	-12.02	3.15	3	Horizontal	198	1.54	-
5785MHz	Pass	PK	5.7886G	120.93	Inf	-Inf	3.52	3	Horizontal	198	1.54	-
5785MHz	Pass	PK	5.9506G	54.92	68.20	-13.28	3.85	3	Horizontal	198	1.54	-
5785MHz	Pass	AV	5.7838G	110.47	Inf	-Inf	3.51	3	Vertical	190	1.44	-
5785MHz	Pass	PK	5.5714G	56.21	68.20	-11.99	3.07	3	Vertical	190	1.44	-
5785MHz	Pass	PK	5.785G	120.65	Inf	-Inf	3.52	3	Vertical	190	1.44	-
5785MHz	Pass	PK	5.965G	55.27	68.20	-12.93	3.88	3	Vertical	190	1.44	-
5785MHz	Pass	AV	11.568244G	47.69	54.00	-6.31	15.71	3	Horizontal	314	1.33	-
5785MHz	Pass	PK	11.569561G	60.40	74.00	-13.60	15.71	3	Horizontal	314	1.33	-
5785MHz	Pass	AV	11.568164G	44.87	54.00	-9.13	15.71	3	Vertical	47	1.34	-
5785MHz	Pass	PK	11.568084G	55.71	74.00	-18.29	15.71	3	Vertical	47	1.34	-
5825MHz	Pass	AV	5.8286G	107.27	Inf	-Inf	3.61	3	Horizontal	196	1.50	-
5825MHz	Pass	PK	5.6042G	55.79	68.20	-12.41	3.14	3	Horizontal	196	1.50	-
5825MHz	Pass	PK	5.8274G	117.20	Inf	-Inf	3.60	3	Horizontal	196	1.50	-
5825MHz	Pass	PK	5.9438G	55.66	68.20	-12.54	3.84	3	Horizontal	196	1.50	-
5825MHz	Pass	AV	5.8226G	109.76	Inf	-Inf	3.60	3	Vertical	186	1.10	-
5825MHz	Pass	PK	5.5646G	56.44	68.20	-11.76	3.06	3	Vertical	186	1.10	-
5825MHz	Pass	PK	5.8226G	120.66	Inf	-Inf	3.60	3	Vertical	186	1.10	-
5825MHz	Pass	PK	5.9402G	55.77	68.20	-12.43	3.83	3	Vertical	186	1.10	-
5825MHz	Pass	AV	11.647685G	44.79	54.00	-9.21	15.65	3	Horizontal	68	1.49	-
5825MHz	Pass	PK	11.647285G	58.37	74.00	-15.63	15.65	3	Horizontal	68	1.49	-
5825MHz	Pass	AV	11.648084G	42.87	54.00	-11.13	15.65	3	Vertical	47	1.31	-
5825MHz	Pass	PK	11.649202G	55.77	74.00	-18.23	15.65	3	Vertical	47	1.31	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.60	54.00	-0.40	2.73	3	Vertical	0	1.88	-
5180MHz	Pass	AV	5.185G	103.34	Inf	-Inf	2.75	3	Vertical	0	1.88	-
5180MHz	Pass	PK	5.1496G	68.08	74.00	-5.92	2.73	3	Vertical	0	1.88	-
5180MHz	Pass	PK	5.185G	115.36	Inf	-Inf	2.75	3	Vertical	0	1.88	-
5180MHz	Pass	AV	5.1448G	45.48	54.00	-8.52	2.73	3	Horizontal	8	1.61	-
5180MHz	Pass	AV	5.182G	100.93	Inf	-Inf	2.75	3	Horizontal	8	1.61	-
5180MHz	Pass	PK	5.147G	58.90	74.00	-15.10	2.73	3	Horizontal	8	1.61	-
5180MHz	Pass	PK	5.1816G	113.13	Inf	-Inf	2.75	3	Horizontal	8	1.61	-
5180MHz	Pass	PK	10.3557G	54.93	68.20	-13.27	12.32	3	Vertical	117	1.20	-
5180MHz	Pass	PK	10.3556G	55.12	68.20	-13.08	12.32	3	Horizontal	199	1.72	-
5200MHz	Pass	AV	5.1476G	51.61	54.00	-2.39	2.73	3	Vertical	0	1.73	-
5200MHz	Pass	AV	5.2052G	105.68	Inf	-Inf	2.76	3	Vertical	0	1.73	-
5200MHz	Pass	PK	5.1468G	65.87	74.00	-8.13	2.73	3	Vertical	0	1.73	-
5200MHz	Pass	PK	5.2048G	116.96	Inf	-Inf	2.76	3	Vertical	0	1.73	-
5200MHz	Pass	AV	5.149995G	46.29	54.00	-7.71	2.73	3	Horizontal	8	1.74	-
5200MHz	Pass	AV	5.2028G	103.39	Inf	-Inf	2.76	3	Horizontal	8	1.74	-
5200MHz	Pass	PK	5.1488G	60.65	74.00	-13.35	2.73	3	Horizontal	8	1.74	-
5200MHz	Pass	PK	5.2028G	115.49	Inf	-Inf	2.76	3	Horizontal	8	1.74	-
5200MHz	Pass	PK	10.3975G	61.98	68.20	-6.22	12.44	3	Vertical	83	2.42	-
5200MHz	Pass	PK	10.4154G	54.44	68.20	-13.76	12.48	3	Horizontal	165	1.11	-
5240MHz	Pass	AV	5.149995G	53.85	54.00	-0.15	2.73	3	Vertical	0	1.70	-

Remark :

Page No. : E5 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	AV	5.2454G	107.29	Inf	-Inf	2.78	3	Vertical	0	1.70	-
5240MHz	Pass	AV	5.3534G	46.74	54.00	-7.26	2.85	3	Vertical	0	1.70	-
5240MHz	Pass	PK	5.1446G	67.59	74.00	-6.41	2.73	3	Vertical	0	1.70	-
5240MHz	Pass	PK	5.2454G	118.74	Inf	-Inf	2.78	3	Vertical	0	1.70	-
5240MHz	Pass	PK	5.3528G	61.01	74.00	-12.99	2.85	3	Vertical	0	1.70	-
5240MHz	Pass	AV	5.149995G	46.20	54.00	-7.80	2.73	3	Horizontal	5	1.49	-
5240MHz	Pass	AV	5.2424G	105.99	Inf	-Inf	2.78	3	Horizontal	5	1.49	-
5240MHz	Pass	AV	5.350005G	43.15	54.00	-10.85	2.85	3	Horizontal	5	1.49	-
5240MHz	Pass	PK	5.1482G	59.83	74.00	-14.17	2.73	3	Horizontal	5	1.49	-
5240MHz	Pass	PK	5.2412G	117.83	Inf	-Inf	2.78	3	Horizontal	5	1.49	-
5240MHz	Pass	PK	5.3528G	55.59	74.00	-18.41	2.85	3	Horizontal	5	1.49	-
5240MHz	Pass	AV	15.7201G	53.21	54.00	-0.79	13.24	3	Vertical	343	1.25	-
5240MHz	Pass	PK	15.7198G	67.16	74.00	-6.84	13.24	3	Vertical	343	1.25	-
5240MHz	Pass	AV	15.7217G	45.50	54.00	-8.50	13.24	3	Horizontal	201	2.19	-
5240MHz	Pass	PK	15.7243G	57.98	74.00	-16.02	13.23	3	Horizontal	201	2.19	-
5260MHz	Pass	AV	5.149995G	48.24	54.00	-5.76	2.73	3	Vertical	359	1.81	-
5260MHz	Pass	AV	5.2648G	108.03	Inf	-Inf	2.81	3	Vertical	359	1.81	-
5260MHz	Pass	AV	5.353G	50.50	54.00	-3.50	2.85	3	Vertical	359	1.81	-
5260MHz	Pass	PK	5.149995G	60.26	74.00	-13.74	2.73	3	Vertical	359	1.81	-
5260MHz	Pass	PK	5.266G	120.58	Inf	-Inf	2.81	3	Vertical	359	1.81	-
5260MHz	Pass	PK	5.3542G	67.27	74.00	-6.73	2.85	3	Vertical	359	1.81	-
5260MHz	Pass	AV	5.1406G	45.58	54.00	-8.42	2.73	3	Horizontal	7	1.52	-
5260MHz	Pass	AV	5.263G	107.65	Inf	-Inf	2.81	3	Horizontal	7	1.52	-
5260MHz	Pass	AV	5.350005G	45.33	54.00	-8.67	2.85	3	Horizontal	7	1.52	-
5260MHz	Pass	PK	5.1418G	60.09	74.00	-13.91	2.73	3	Horizontal	7	1.52	-
5260MHz	Pass	PK	5.2624G	119.27	Inf	-Inf	2.80	3	Horizontal	7	1.52	-
5260MHz	Pass	PK	5.350005G	57.64	74.00	-16.36	2.85	3	Horizontal	7	1.52	-
5260MHz	Pass	AV	15.7802G	53.81	54.00	-0.19	23.38	3	Vertical	53	1.46	-
5260MHz	Pass	PK	10.52894G	58.85	68.20	-9.35	18.97	3	Vertical	24	1.50	-
5260MHz	Pass	PK	15.7749G	64.91	74.00	-9.09	23.39	3	Vertical	53	1.46	-
5260MHz	Pass	AV	15.7779G	53.15	54.00	-0.85	23.38	3	Horizontal	44	1.50	-
5260MHz	Pass	PK	10.53044G	60.43	68.20	-7.77	18.98	3	Horizontal	318	1.58	-
5260MHz	Pass	PK	15.7793G	63.97	74.00	-10.03	23.37	3	Horizontal	44	1.50	-
5300MHz	Pass	AV	5.3032G	104.12	Inf	-Inf	2.82	3	Horizontal	8	1.98	-
5300MHz	Pass	AV	5.350005G	43.45	54.00	-10.55	2.85	3	Horizontal	8	1.98	-
5300MHz	Pass	PK	5.3032G	115.81	Inf	-Inf	2.82	3	Horizontal	8	1.98	-
5300MHz	Pass	PK	5.3512G	56.74	74.00	-17.26	2.85	3	Horizontal	8	1.98	-
5300MHz	Pass	AV	5.3048G	105.35	Inf	-Inf	2.82	3	Vertical	0	2.08	-
5300MHz	Pass	AV	5.350005G	50.99	54.00	-3.01	2.85	3	Vertical	0	2.08	-
5300MHz	Pass	PK	5.3048G	117.59	Inf	-Inf	2.82	3	Vertical	0	2.08	-
5300MHz	Pass	PK	5.350005G	64.86	74.00	-9.14	2.85	3	Vertical	0	2.08	-
5300MHz	Pass	AV	10.5994G	49.35	54.00	-4.65	15.69	3	Horizontal	322	1.41	-
5300MHz	Pass	AV	15.8999G	51.50	54.00	-2.50	15.91	3	Horizontal	45	1.68	-
5300MHz	Pass	PK	10.59844G	60.43	74.00	-13.57	15.69	3	Horizontal	322	1.41	-
5300MHz	Pass	PK	15.9059G	62.49	74.00	-11.51	15.89	3	Horizontal	45	1.68	-
5300MHz	Pass	AV	10.59844G	49.01	54.00	-4.99	15.69	3	Vertical	24	1.61	-
5300MHz	Pass	AV	15.89406G	52.54	54.00	-1.46	15.93	3	Vertical	54	1.44	-
5300MHz	Pass	PK	10.59322G	59.22	74.00	-14.78	15.68	3	Vertical	24	1.61	-
5300MHz	Pass	PK	15.8946G	64.25	74.00	-9.75	15.92	3	Vertical	54	1.44	-

Remark :

Page No. : E6 of E185

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

943007



**RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming**

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3232G	103.79	Inf	-Inf	2.83	3	Vertical	0	1.63	-
5320MHz	Pass	AV	5.350005G	53.85	54.00	-0.15	2.85	3	Vertical	0	1.63	-
5320MHz	Pass	PK	5.3226G	115.34	Inf	-Inf	2.83	3	Vertical	0	1.63	-
5320MHz	Pass	PK	5.350005G	68.97	74.00	-5.03	2.85	3	Vertical	0	1.63	-
5320MHz	Pass	AV	5.3214G	102.59	Inf	-Inf	2.83	3	Horizontal	9	1.64	-
5320MHz	Pass	AV	5.3516G	44.10	54.00	-9.90	2.85	3	Horizontal	9	1.64	-
5320MHz	Pass	PK	5.3216G	114.44	Inf	-Inf	2.83	3	Horizontal	9	1.64	-
5320MHz	Pass	PK	5.351G	57.52	74.00	-16.48	2.85	3	Horizontal	9	1.64	-
5320MHz	Pass	AV	15.9661G	52.57	54.00	-1.43	22.75	3	Vertical	342	1.05	-
5320MHz	Pass	PK	15.9661G	64.69	74.00	-9.31	22.75	3	Vertical	342	1.05	-
5320MHz	Pass	AV	15.96072G	50.10	54.00	-3.90	22.75	3	Horizontal	45	1.50	-
5320MHz	Pass	PK	15.96594G	60.75	74.00	-13.25	22.75	3	Horizontal	45	1.50	-
5500MHz	Pass	AV	5.4598G	46.76	54.00	-7.24	2.91	3	Vertical	180	1.70	-
5500MHz	Pass	AV	5.5024G	103.55	Inf	-Inf	2.93	3	Vertical	180	1.70	-
5500MHz	Pass	PK	5.467G	60.86	68.20	-7.34	2.92	3	Vertical	180	1.70	-
5500MHz	Pass	PK	5.5014G	114.85	Inf	-Inf	2.93	3	Vertical	180	1.70	-
5500MHz	Pass	AV	5.46G	47.08	54.00	-6.92	2.91	3	Horizontal	196	1.95	-
5500MHz	Pass	AV	5.5032G	103.84	Inf	-Inf	2.94	3	Horizontal	196	1.95	-
5500MHz	Pass	PK	5.4696G	66.06	68.20	-2.14	2.92	3	Horizontal	196	1.95	-
5500MHz	Pass	PK	5.503G	114.66	Inf	-Inf	2.93	3	Horizontal	196	1.95	-
5500MHz	Pass	AV	10.998643G	49.09	54.00	-4.91	-12.82	3	Vertical	0	1.43	-
5500MHz	Pass	PK	11.002236G	61.23	74.00	-12.77	-12.82	3	Vertical	0	1.43	-
5500MHz	Pass	AV	11.005709G	47.83	54.00	-6.17	-12.81	3	Horizontal	144	1.56	-
5500MHz	Pass	PK	11.00491G	63.13	74.00	-10.87	-12.81	3	Horizontal	144	1.56	-
5540MHz	Pass	AV	5.4476G	45.78	54.00	-8.22	2.90	3	Vertical	177	2.11	-
5540MHz	Pass	AV	5.5466G	105.82	Inf	-Inf	3.02	3	Vertical	177	2.11	-
5540MHz	Pass	PK	5.4644G	59.76	68.20	-8.44	2.92	3	Vertical	177	2.11	-
5540MHz	Pass	PK	5.546G	116.45	Inf	-Inf	3.02	3	Vertical	177	2.11	-
5540MHz	Pass	AV	5.459995G	50.38	54.00	-3.62	2.91	3	Horizontal	189	1.72	-
5540MHz	Pass	AV	5.543G	105.63	Inf	-Inf	3.02	3	Horizontal	189	1.72	-
5540MHz	Pass	PK	5.4686G	65.42	68.20	-2.78	2.92	3	Horizontal	189	1.72	-
5540MHz	Pass	PK	5.543G	115.89	Inf	-Inf	3.02	3	Horizontal	189	1.72	-
5540MHz	Pass	AV	11.074331G	53.44	54.00	-0.56	-12.65	3	Vertical	355	1.39	-
5540MHz	Pass	PK	11.075569G	67.56	74.00	-6.44	-12.64	3	Vertical	355	1.39	-
5540MHz	Pass	AV	11.081956G	52.67	54.00	-1.33	-12.62	3	Horizontal	145	1.57	-
5540MHz	Pass	PK	11.082435G	66.66	74.00	-7.34	-12.62	3	Horizontal	145	1.57	-
5580MHz	Pass	AV	5.4576G	45.23	54.00	-8.77	2.91	3	Vertical	179	1.49	-
5580MHz	Pass	AV	5.5812G	106.74	Inf	-Inf	3.10	3	Vertical	179	1.49	-
5580MHz	Pass	PK	5.4684G	58.12	68.20	-10.08	2.92	3	Vertical	179	1.49	-
5580MHz	Pass	PK	5.5812G	118.22	Inf	-Inf	3.10	3	Vertical	179	1.49	-
5580MHz	Pass	PK	5.727G	57.93	68.20	-10.27	3.38	3	Vertical	179	1.49	-
5580MHz	Pass	AV	5.46G	51.95	54.00	-2.05	2.91	3	Horizontal	200	1.93	-
5580MHz	Pass	AV	5.5848G	107.63	Inf	-Inf	3.10	3	Horizontal	200	1.93	-
5580MHz	Pass	PK	5.4666G	67.84	68.20	-0.36	2.92	3	Horizontal	200	1.93	-
5580MHz	Pass	PK	5.5842G	117.43	Inf	-Inf	3.09	3	Horizontal	200	1.93	-
5580MHz	Pass	PK	5.7294G	57.86	68.20	-10.34	3.39	3	Horizontal	200	1.93	-
5580MHz	Pass	AV	11.158323G	53.24	54.00	-0.76	-12.44	3	Vertical	329	1.51	-
5580MHz	Pass	PK	11.157764G	69.44	74.00	-4.56	-12.44	3	Vertical	329	1.51	-
5580MHz	Pass	AV	11.156846G	53.39	54.00	-0.61	-12.45	3	Horizontal	61	1.47	-

Remark :

Page No. : E7 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	11.157605G	68.46	74.00	-5.54	-12.44	3	Horizontal	61	1.47	-
5640MHz	Pass	AV	5.648G	109.26	Inf	-Inf	3.23	3	Vertical	181	2.11	-
5640MHz	Pass	PK	5.6476G	119.32	Inf	-Inf	3.23	3	Vertical	181	2.11	-
5640MHz	Pass	PK	5.7272G	57.17	68.20	-11.03	3.38	3	Vertical	181	2.11	-
5640MHz	Pass	AV	5.6372G	108.60	Inf	-Inf	3.21	3	Horizontal	207	1.68	-
5640MHz	Pass	PK	5.6368G	119.22	Inf	-Inf	3.21	3	Horizontal	207	1.68	-
5640MHz	Pass	PK	5.7316G	57.48	68.20	-10.72	3.40	3	Horizontal	207	1.68	-
5640MHz	Pass	AV	11.277206G	53.28	54.00	-0.72	-12.16	3	Vertical	329	1.44	-
5640MHz	Pass	PK	11.277485G	69.73	74.00	-4.27	-12.16	3	Vertical	329	1.44	-
5640MHz	Pass	AV	11.276846G	52.52	54.00	-1.48	-12.16	3	Horizontal	310	1.47	-
5640MHz	Pass	PK	11.277605G	68.30	74.00	-5.70	-12.16	3	Horizontal	310	1.47	-
5745MHz	Pass	AV	5.7438G	108.65	Inf	-Inf	3.43	3	Vertical	186	1.29	-
5745MHz	Pass	PK	5.7222G	106.35	115.82	-9.47	3.38	3	Vertical	186	1.29	-
5745MHz	Pass	PK	5.7414G	119.99	Inf	-Inf	3.42	3	Vertical	186	1.29	-
5745MHz	Pass	PK	5.9766G	55.06	68.20	-13.14	3.90	3	Vertical	186	1.29	-
5745MHz	Pass	AV	5.7498G	107.81	Inf	-Inf	3.44	3	Horizontal	201	1.95	-
5745MHz	Pass	PK	5.6046G	56.03	68.20	-12.17	3.14	3	Horizontal	201	1.95	-
5745MHz	Pass	PK	5.751G	119.55	Inf	-Inf	3.44	3	Horizontal	201	1.95	-
5745MHz	Pass	PK	5.9574G	55.20	68.20	-13.00	3.86	3	Horizontal	201	1.95	-
5745MHz	Pass	AV	11.493074G	43.22	54.00	-10.78	-11.64	3	Vertical	311	2.99	-
5745MHz	Pass	PK	11.481896G	56.57	74.00	-17.43	-11.66	3	Vertical	311	2.99	-
5745MHz	Pass	AV	11.487046G	47.19	54.00	-6.81	-11.65	3	Horizontal	296	2.31	-
5745MHz	Pass	PK	11.486407G	59.98	74.00	-14.02	-11.65	3	Horizontal	296	2.31	-
5785MHz	Pass	AV	5.7826G	109.55	Inf	-Inf	3.51	3	Vertical	187	1.07	-
5785MHz	Pass	PK	5.5906G	56.18	68.20	-12.02	3.10	3	Vertical	187	1.07	-
5785MHz	Pass	PK	5.7814G	121.26	Inf	-Inf	3.51	3	Vertical	187	1.07	-
5785MHz	Pass	PK	5.941G	55.49	68.20	-12.71	3.84	3	Vertical	187	1.07	-
5785MHz	Pass	AV	5.7874G	109.24	Inf	-Inf	3.52	3	Horizontal	199	1.40	-
5785MHz	Pass	PK	5.5762G	56.04	68.20	-12.16	3.08	3	Horizontal	199	1.40	-
5785MHz	Pass	PK	5.7874G	120.34	Inf	-Inf	3.52	3	Horizontal	199	1.40	-
5785MHz	Pass	PK	5.9818G	56.21	68.20	-11.99	3.92	3	Horizontal	199	1.40	-
5785MHz	Pass	AV	11.568723G	47.24	54.00	-6.76	-11.45	3	Vertical	48	1.35	-
5785MHz	Pass	PK	11.567844G	60.56	74.00	-13.44	-11.45	3	Vertical	48	1.35	-
5785MHz	Pass	AV	11.568842G	49.98	54.00	-4.02	-11.45	3	Horizontal	313	1.23	-
5785MHz	Pass	PK	11.567804G	63.12	74.00	-10.88	-11.45	3	Horizontal	313	1.23	-
5825MHz	Pass	AV	5.8226G	108.81	Inf	-Inf	3.60	3	Vertical	186	1.08	-
5825MHz	Pass	PK	5.5298G	55.67	68.20	-12.53	2.99	3	Vertical	186	1.08	-
5825MHz	Pass	PK	5.8214G	120.34	Inf	-Inf	3.58	3	Vertical	186	1.08	-
5825MHz	Pass	PK	5.9402G	55.58	68.20	-12.62	3.83	3	Vertical	186	1.08	-
5825MHz	Pass	AV	5.8286G	103.36	Inf	-Inf	3.61	3	Horizontal	197	1.53	-
5825MHz	Pass	PK	5.6138G	55.96	68.20	-12.24	3.16	3	Horizontal	197	1.53	-
5825MHz	Pass	PK	5.8298G	115.17	Inf	-Inf	3.61	3	Horizontal	197	1.53	-
5825MHz	Pass	PK	5.9282G	55.38	68.20	-12.82	3.81	3	Horizontal	197	1.53	-
5825MHz	Pass	AV	11.6486G	44.53	54.00	-9.47	-11.26	3	Vertical	47	1.31	-
5825MHz	Pass	PK	11.6478G	58.93	74.00	-15.07	-11.27	3	Vertical	47	1.31	-
5825MHz	Pass	AV	11.64681G	47.72	54.00	-6.28	-11.27	3	Horizontal	68	1.45	-
5825MHz	Pass	PK	11.64551G	62.80	74.00	-11.20	-11.27	3	Horizontal	68	1.45	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1476G	53.38	54.00	-0.62	2.73	3	Vertical	356	1.78	-

Remark :

Page No. : E8 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi) Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	AV	5.1944G	100.67	Inf	-Inf	2.76	3	Vertical	356	1.78	-
5190MHz	Pass	PK	5.142G	66.52	74.00	-7.48	2.73	3	Vertical	356	1.78	-
5190MHz	Pass	PK	5.1812G	110.26	Inf	-Inf	2.75	3	Vertical	356	1.78	-
5190MHz	Pass	AV	5.1488G	51.19	54.00	-2.81	2.73	3	Horizontal	9	1.10	-
5190MHz	Pass	AV	5.1876G	97.79	Inf	-Inf	2.76	3	Horizontal	9	1.10	-
5190MHz	Pass	PK	5.1496G	65.12	74.00	-8.88	2.73	3	Horizontal	9	1.10	-
5190MHz	Pass	PK	5.1884G	107.36	Inf	-Inf	2.76	3	Horizontal	9	1.10	-
5190MHz	Pass	AV	15.57582G	49.25	54.00	-4.75	24.06	3	Vertical	51	1.50	-
5190MHz	Pass	PK	15.5631G	59.08	74.00	-14.92	24.11	3	Vertical	51	1.50	-
5190MHz	Pass	AV	15.57708G	49.33	54.00	-4.67	24.06	3	Horizontal	308	1.00	-
5190MHz	Pass	PK	15.55884G	59.11	74.00	-14.89	24.12	3	Horizontal	308	1.00	-
5230MHz	Pass	AV	5.1492G	53.76	54.00	-0.24	2.73	3	Vertical	356	2.18	-
5230MHz	Pass	AV	5.2228G	102.61	Inf	-Inf	2.77	3	Vertical	356	2.18	-
5230MHz	Pass	PK	5.1484G	67.37	74.00	-6.63	2.73	3	Vertical	356	2.18	-
5230MHz	Pass	PK	5.2224G	112.57	Inf	-Inf	2.77	3	Vertical	356	2.18	-
5230MHz	Pass	AV	5.149995G	46.38	54.00	-7.62	2.73	3	Horizontal	9	1.50	-
5230MHz	Pass	AV	5.232G	99.80	Inf	-Inf	2.77	3	Horizontal	9	1.50	-
5230MHz	Pass	PK	5.149995G	57.35	74.00	-16.65	2.73	3	Horizontal	9	1.50	-
5230MHz	Pass	PK	5.2312G	109.63	Inf	-Inf	2.77	3	Horizontal	9	1.50	-
5230MHz	Pass	AV	15.68988G	52.60	54.00	-1.40	23.67	3	Vertical	343	1.49	-
5230MHz	Pass	PK	10.45592G	58.48	68.20	-9.72	18.74	3	Vertical	37	1.47	-
5230MHz	Pass	PK	15.684G	62.44	74.00	-11.56	23.70	3	Vertical	343	1.49	-
5230MHz	Pass	AV	15.68772G	52.01	54.00	-1.99	23.68	3	Horizontal	46	1.50	-
5230MHz	Pass	PK	10.46762G	58.99	68.20	-9.21	18.77	3	Horizontal	323	1.34	-
5230MHz	Pass	PK	15.69246G	61.65	74.00	-12.35	23.68	3	Horizontal	46	1.50	-
5270MHz	Pass	AV	5.2756G	104.30	Inf	-Inf	2.81	3	Vertical	2	1.95	-
5270MHz	Pass	AV	5.350005G	53.10	54.00	-0.90	2.85	3	Vertical	2	1.95	-
5270MHz	Pass	PK	5.276G	113.80	Inf	-Inf	2.81	3	Vertical	2	1.95	-
5270MHz	Pass	PK	5.350005G	66.56	74.00	-7.44	2.85	3	Vertical	2	1.95	-
5270MHz	Pass	AV	5.2716G	101.51	Inf	-Inf	2.81	3	Horizontal	9	1.50	-
5270MHz	Pass	AV	5.352G	44.96	54.00	-9.04	2.85	3	Horizontal	9	1.50	-
5270MHz	Pass	PK	5.2712G	112.24	Inf	-Inf	2.81	3	Horizontal	9	1.50	-
5270MHz	Pass	PK	5.3512G	58.21	74.00	-15.79	2.85	3	Horizontal	9	1.50	-
5270MHz	Pass	AV	15.80868G	53.22	54.00	-0.78	23.28	3	Vertical	341	1.01	-
5270MHz	Pass	PK	15.80844G	63.03	74.00	-10.97	23.28	3	Vertical	341	1.01	-
5270MHz	Pass	AV	15.80946G	52.06	54.00	-1.94	23.28	3	Horizontal	47	1.47	-
5270MHz	Pass	PK	15.8163G	62.24	74.00	-11.76	23.25	3	Horizontal	47	1.47	-
5310MHz	Pass	AV	5.3004G	100.94	Inf	-Inf	2.82	3	Vertical	358	1.78	-
5310MHz	Pass	AV	5.3536G	53.90	54.00	-0.10	2.85	3	Vertical	358	1.78	-
5310MHz	Pass	PK	5.3008G	110.94	Inf	-Inf	2.82	3	Vertical	358	1.78	-
5310MHz	Pass	PK	5.3536G	68.90	74.00	-5.10	2.85	3	Vertical	358	1.78	-
5310MHz	Pass	AV	5.3116G	99.18	Inf	-Inf	2.82	3	Horizontal	353	1.50	-
5310MHz	Pass	AV	5.350005G	46.45	54.00	-7.55	2.85	3	Horizontal	353	1.50	-
5310MHz	Pass	PK	5.3112G	108.85	Inf	-Inf	2.82	3	Horizontal	353	1.50	-
5310MHz	Pass	PK	5.350005G	60.17	74.00	-13.83	2.85	3	Horizontal	353	1.50	-
5310MHz	Pass	AV	15.92622G	49.73	54.00	-4.27	22.87	3	Vertical	77	1.50	-
5310MHz	Pass	PK	15.92622G	59.88	74.00	-14.12	22.87	3	Vertical	77	1.50	-
5310MHz	Pass	AV	15.9294G	48.55	54.00	-5.45	22.87	3	Horizontal	59	1.50	-
5310MHz	Pass	PK	15.93558G	58.55	74.00	-15.45	22.84	3	Horizontal	59	1.50	-

Remark :

Page No. : E9 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	AV	5.4568G	46.97	54.00	-7.03	2.91	3	Vertical	179	2.04	-
5510MHz	Pass	AV	5.5152G	98.44	Inf	-Inf	2.96	3	Vertical	179	2.04	-
5510MHz	Pass	PK	5.468G	60.94	68.20	-7.26	2.92	3	Vertical	179	2.04	-
5510MHz	Pass	PK	5.5172G	108.28	Inf	-Inf	2.96	3	Vertical	179	2.04	-
5510MHz	Pass	AV	5.46G	53.57	54.00	-0.43	2.91	3	Horizontal	203	1.98	-
5510MHz	Pass	AV	5.5004G	99.37	Inf	-Inf	2.93	3	Horizontal	203	1.98	-
5510MHz	Pass	PK	5.4696G	67.90	68.20	-0.30	2.92	3	Horizontal	203	1.98	-
5510MHz	Pass	PK	5.5G	109.12	Inf	-Inf	2.93	3	Horizontal	203	1.98	-
5510MHz	Pass	AV	11.019681G	48.02	54.00	-5.98	-12.77	3	Vertical	325	1.09	-
5510MHz	Pass	PK	11.021477G	60.84	74.00	-13.16	-12.77	3	Vertical	325	1.09	-
5510MHz	Pass	AV	11.025629G	46.66	54.00	-7.34	-12.76	3	Horizontal	144	1.48	-
5510MHz	Pass	PK	11.027226G	59.62	74.00	-14.38	-12.76	3	Horizontal	144	1.48	-
5550MHz	Pass	AV	5.4556G	46.01	54.00	-7.99	2.91	3	Vertical	182	2.19	-
5550MHz	Pass	AV	5.5584G	100.73	Inf	-Inf	3.05	3	Vertical	182	2.19	-
5550MHz	Pass	PK	5.4688G	59.79	68.20	-8.41	2.91	3	Vertical	182	2.19	-
5550MHz	Pass	PK	5.5572G	110.72	Inf	-Inf	3.04	3	Vertical	182	2.19	-
5550MHz	Pass	AV	5.4572G	52.25	54.00	-1.75	2.91	3	Horizontal	204	1.57	-
5550MHz	Pass	AV	5.5592G	101.06	Inf	-Inf	3.04	3	Horizontal	204	1.57	-
5550MHz	Pass	PK	5.462G	67.90	68.20	-0.30	2.91	3	Horizontal	204	1.57	-
5550MHz	Pass	PK	5.5596G	110.64	Inf	-Inf	3.05	3	Horizontal	204	1.57	-
5550MHz	Pass	AV	11.095689G	50.93	54.00	-3.07	-12.60	3	Vertical	356	1.34	-
5550MHz	Pass	PK	11.096327G	65.26	74.00	-8.74	-12.59	3	Vertical	356	1.34	-
5550MHz	Pass	AV	11.09509G	50.93	54.00	-3.07	-12.60	3	Horizontal	62	1.41	-
5550MHz	Pass	PK	11.096287G	64.87	74.00	-9.13	-12.59	3	Horizontal	62	1.41	-
5590MHz	Pass	AV	5.459995G	51.73	54.00	-2.27	2.91	3	Horizontal	204	2.01	-
5590MHz	Pass	AV	5.5942G	102.70	Inf	-Inf	3.12	3	Horizontal	204	2.01	-
5590MHz	Pass	PK	5.4574G	64.49	74.00	-9.51	2.91	3	Horizontal	204	2.01	-
5590MHz	Pass	PK	5.4682G	66.63	68.20	-1.57	2.91	3	Horizontal	204	2.01	-
5590MHz	Pass	PK	5.6014G	112.42	Inf	-Inf	3.13	3	Horizontal	204	2.01	-
5590MHz	Pass	PK	5.7364G	55.33	68.20	-12.87	3.41	3	Horizontal	204	2.01	-
5590MHz	Pass	AV	5.4568G	43.99	54.00	-10.01	2.91	3	Vertical	179	2.08	-
5590MHz	Pass	AV	5.5984G	102.15	Inf	-Inf	3.13	3	Vertical	179	2.08	-
5590MHz	Pass	PK	5.4592G	55.90	74.00	-18.10	2.91	3	Vertical	179	2.08	-
5590MHz	Pass	PK	5.4688G	56.69	68.20	-11.51	2.91	3	Vertical	179	2.08	-
5590MHz	Pass	PK	5.5978G	112.02	Inf	-Inf	3.13	3	Vertical	179	2.08	-
5590MHz	Pass	PK	5.7286G	56.01	68.20	-12.19	3.39	3	Vertical	179	2.08	-
5590MHz	Pass	AV	11.177365G	52.10	54.00	-1.90	16.01	3	Horizontal	61	1.46	-
5590MHz	Pass	PK	11.176447G	66.54	74.00	-7.46	16.01	3	Horizontal	61	1.46	-
5590MHz	Pass	AV	11.179401G	52.56	54.00	-1.44	16.01	3	Vertical	329	1.42	-
5590MHz	Pass	PK	11.179401G	65.28	74.00	-8.72	16.01	3	Vertical	329	1.42	-
5630MHz	Pass	AV	5.6186G	106.10	Inf	-Inf	3.16	3	Vertical	182	2.15	-
5630MHz	Pass	PK	5.618G	116.04	Inf	-Inf	3.16	3	Vertical	182	2.15	-
5630MHz	Pass	PK	5.765G	55.92	68.20	-12.28	3.47	3	Vertical	182	2.15	-
5630MHz	Pass	AV	5.6204G	105.16	Inf	-Inf	3.16	3	Horizontal	202	1.81	-
5630MHz	Pass	PK	5.621G	115.51	Inf	-Inf	3.16	3	Horizontal	202	1.81	-
5630MHz	Pass	PK	5.771G	56.78	68.20	-11.42	3.49	3	Horizontal	202	1.81	-
5630MHz	Pass	AV	11.259321G	53.11	54.00	-0.89	-12.19	3	Vertical	330	1.49	-
5630MHz	Pass	PK	11.259561G	65.98	74.00	-8.02	-12.19	3	Vertical	330	1.49	-
5630MHz	Pass	AV	11.256088G	52.27	54.00	-1.73	-12.21	3	Horizontal	63	1.45	-

Remark :

Page No. : E10 of E185

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

943007



RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5630MHz	Pass	PK	11.256168G	65.81	74.00	-8.19	-12.21	3	Horizontal	63	1.45	-
5755MHz	Pass	AV	5.767G	104.00	Inf	-Inf	3.48	3	Vertical	184	1.63	-
5755MHz	Pass	PK	5.7154G	98.78	109.51	-10.73	3.36	3	Vertical	184	1.63	-
5755MHz	Pass	PK	5.767G	114.49	Inf	-Inf	3.48	3	Vertical	184	1.63	-
5755MHz	Pass	PK	5.971G	55.59	68.20	-12.61	3.89	3	Vertical	184	1.63	-
5755MHz	Pass	AV	5.7598G	104.06	Inf	-Inf	3.47	3	Horizontal	199	1.70	-
5755MHz	Pass	PK	5.5846G	56.06	68.20	-12.14	3.10	3	Horizontal	199	1.70	-
5755MHz	Pass	PK	5.7586G	114.47	Inf	-Inf	3.46	3	Horizontal	199	1.70	-
5755MHz	Pass	PK	5.953G	56.20	68.20	-12.00	3.85	3	Horizontal	199	1.70	-
5755MHz	Pass	AV	11.51419G	44.04	54.00	-9.96	-11.59	3	Vertical	312	1.34	-
5755MHz	Pass	PK	11.51339G	56.51	74.00	-17.49	-11.59	3	Vertical	312	1.34	-
5755MHz	Pass	AV	11.51499G	47.96	54.00	-6.04	-11.58	3	Horizontal	296	2.29	-
5755MHz	Pass	PK	11.50052G	61.08	74.00	-12.92	-11.61	3	Horizontal	296	2.29	-
5795MHz	Pass	AV	5.7998G	105.23	Inf	-Inf	3.55	3	Horizontal	198	1.76	-
5795MHz	Pass	PK	5.6078G	55.92	68.20	-12.28	3.15	3	Horizontal	198	1.76	-
5795MHz	Pass	PK	5.7998G	115.55	Inf	-Inf	3.55	3	Horizontal	198	1.76	-
5795MHz	Pass	PK	5.9306G	55.82	68.20	-12.38	3.81	3	Horizontal	198	1.76	-
5795MHz	Pass	AV	5.7926G	106.04	Inf	-Inf	3.53	3	Vertical	186	1.01	-
5795MHz	Pass	PK	5.6222G	55.75	68.20	-12.45	3.17	3	Vertical	186	1.01	-
5795MHz	Pass	PK	5.7938G	116.18	Inf	-Inf	3.54	3	Vertical	186	1.01	-
5795MHz	Pass	PK	5.9414G	55.90	68.20	-12.30	3.83	3	Vertical	186	1.01	-
5795MHz	Pass	AV	11.60158G	48.46	54.00	-5.54	15.69	3	Horizontal	67	1.51	-
5795MHz	Pass	PK	11.60168G	62.47	74.00	-11.53	15.69	3	Horizontal	67	1.51	-
5795MHz	Pass	AV	11.5891G	45.84	54.00	-8.16	15.70	3	Vertical	49	1.30	-
5795MHz	Pass	PK	11.5882G	58.82	74.00	-15.18	15.70	3	Vertical	49	1.30	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	53.50	54.00	-0.50	2.73	3	Vertical	23	1.35	-
5210MHz	Pass	AV	5.198G	91.24	Inf	-Inf	2.76	3	Vertical	23	1.35	-
5210MHz	Pass	AV	5.438G	43.46	54.00	-10.54	2.90	3	Vertical	23	1.35	-
5210MHz	Pass	PK	5.146G	66.32	74.00	-7.68	2.73	3	Vertical	23	1.35	-
5210MHz	Pass	PK	5.197G	101.29	Inf	-Inf	2.76	3	Vertical	23	1.35	-
5210MHz	Pass	PK	5.445G	55.36	74.00	-18.64	2.90	3	Vertical	23	1.35	-
5210MHz	Pass	AV	5.148G	52.16	54.00	-1.84	2.73	3	Horizontal	24	1.69	-
5210MHz	Pass	AV	5.188G	89.73	Inf	-Inf	2.76	3	Horizontal	24	1.69	-
5210MHz	Pass	AV	5.457G	43.33	54.00	-10.67	2.91	3	Horizontal	24	1.69	-
5210MHz	Pass	PK	5.128G	63.27	74.00	-10.73	2.72	3	Horizontal	24	1.69	-
5210MHz	Pass	PK	5.188G	98.72	Inf	-Inf	2.76	3	Horizontal	24	1.69	-
5210MHz	Pass	PK	5.447G	56.17	74.00	-17.83	2.90	3	Horizontal	24	1.69	-
5210MHz	Pass	PK	10.42882G	54.43	68.20	-13.77	12.51	3	Vertical	24	2.10	-
5210MHz	Pass	PK	10.42024G	54.08	68.20	-14.12	12.50	3	Horizontal	90	1.73	-
5290MHz	Pass	AV	5.138G	47.54	54.00	-6.46	2.73	3	Vertical	21	1.52	-
5290MHz	Pass	AV	5.299G	94.21	Inf	-Inf	2.82	3	Vertical	21	1.52	-
5290MHz	Pass	AV	5.353G	53.52	54.00	-0.48	2.85	3	Vertical	21	1.52	-
5290MHz	Pass	PK	5.149G	62.35	74.00	-11.65	2.73	3	Vertical	21	1.52	-
5290MHz	Pass	PK	5.299G	103.78	Inf	-Inf	2.82	3	Vertical	21	1.52	-
5290MHz	Pass	PK	5.353G	66.17	74.00	-7.83	2.85	3	Vertical	21	1.52	-
5290MHz	Pass	AV	5.147G	52.35	54.00	-1.65	2.73	3	Horizontal	14	1.31	-
5290MHz	Pass	AV	5.287G	91.71	Inf	-Inf	2.81	3	Horizontal	14	1.31	-
5290MHz	Pass	AV	5.350005G	53.43	54.00	-0.57	2.85	3	Horizontal	14	1.31	-

Remark :

Page No. : E11 of E185

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

943007



**RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming**

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	5.145G	68.78	74.00	-5.22	2.73	3	Horizontal	14	1.31	-
5290MHz	Pass	PK	5.287G	101.30	Inf	-Inf	2.81	3	Horizontal	14	1.31	-
5290MHz	Pass	PK	5.352G	63.92	74.00	-10.08	2.85	3	Horizontal	14	1.31	-
5290MHz	Pass	PK	10.58144G	54.98	68.20	-13.22	12.92	3	Vertical	228	1.19	-
5290MHz	Pass	PK	10.5728G	54.72	68.20	-13.48	12.90	3	Horizontal	348	1.76	-
5530MHz	Pass	AV	5.458G	48.05	54.00	-5.95	2.91	3	Vertical	182	2.19	-
5530MHz	Pass	AV	5.557G	92.00	Inf	-Inf	3.04	3	Vertical	182	2.19	-
5530MHz	Pass	PK	5.465G	57.93	68.20	-10.27	2.92	3	Vertical	182	2.19	-
5530MHz	Pass	PK	5.558G	102.49	Inf	-Inf	3.04	3	Vertical	182	2.19	-
5530MHz	Pass	PK	5.767G	55.56	68.20	-12.64	3.48	3	Vertical	182	2.19	-
5530MHz	Pass	AV	5.46G	53.14	54.00	-0.86	2.91	3	Horizontal	201	1.88	-
5530MHz	Pass	AV	5.54G	92.50	Inf	-Inf	3.01	3	Horizontal	201	1.88	-
5530MHz	Pass	PK	5.465G	66.18	68.20	-2.02	2.91	3	Horizontal	201	1.88	-
5530MHz	Pass	PK	5.541G	102.29	Inf	-Inf	3.01	3	Horizontal	201	1.88	-
5530MHz	Pass	PK	5.736G	55.51	68.20	-12.69	3.41	3	Horizontal	201	1.88	-
5530MHz	Pass	AV	11.054251G	44.92	54.00	-9.08	-12.69	3	Vertical	356	1.30	-
5530MHz	Pass	PK	11.05525G	58.20	74.00	-15.80	-12.68	3	Vertical	356	1.30	-
5530MHz	Pass	AV	11.06G	44.59	54.00	-9.41	-12.67	3	Horizontal	145	1.45	-
5530MHz	Pass	PK	11.060998G	57.65	74.00	-16.35	-12.67	3	Horizontal	145	1.45	-
5610MHz	Pass	AV	5.455G	45.36	54.00	-8.64	2.91	3	Vertical	180	2.15	-
5610MHz	Pass	AV	5.619G	95.95	Inf	-Inf	3.16	3	Vertical	180	2.15	-
5610MHz	Pass	PK	5.466G	56.79	68.20	-11.41	2.92	3	Vertical	180	2.15	-
5610MHz	Pass	PK	5.598G	106.01	Inf	-Inf	3.13	3	Vertical	180	2.15	-
5610MHz	Pass	PK	5.829G	56.42	68.20	-11.78	3.61	3	Vertical	180	2.15	-
5610MHz	Pass	AV	5.46G	52.16	54.00	-1.84	2.91	3	Horizontal	203	1.66	-
5610MHz	Pass	AV	5.62G	96.10	Inf	-Inf	3.16	3	Horizontal	203	1.66	-
5610MHz	Pass	PK	5.469G	67.08	68.20	-1.12	2.92	3	Horizontal	203	1.66	-
5610MHz	Pass	PK	5.619G	106.15	Inf	-Inf	3.16	3	Horizontal	203	1.66	-
5610MHz	Pass	PK	5.773G	55.71	68.20	-12.49	3.50	3	Horizontal	203	1.66	-
5610MHz	Pass	AV	11.219002G	46.03	54.00	-7.97	-12.29	3	Vertical	330	1.45	-
5610MHz	Pass	PK	11.21976G	59.49	74.00	-14.51	-12.29	3	Vertical	330	1.45	-
5610MHz	Pass	AV	11.218004G	45.10	54.00	-8.90	-12.30	3	Horizontal	64	1.50	-
5610MHz	Pass	PK	11.218802G	58.53	74.00	-15.47	-12.29	3	Horizontal	64	1.50	-
5775MHz	Pass	AV	5.7534G	102.22	Inf	-Inf	3.45	3	Vertical	184	1.32	-
5775MHz	Pass	PK	5.6922G	92.22	99.43	-7.21	3.31	3	Vertical	184	1.32	-
5775MHz	Pass	PK	5.7726G	111.37	Inf	-Inf	3.50	3	Vertical	184	1.32	-
5775MHz	Pass	PK	5.9286G	60.92	68.20	-7.28	3.81	3	Vertical	184	1.32	-
5775MHz	Pass	AV	5.7786G	100.81	Inf	-Inf	3.50	3	Horizontal	199	1.64	-
5775MHz	Pass	PK	5.6994G	92.74	104.76	-12.02	3.33	3	Horizontal	199	1.64	-
5775MHz	Pass	PK	5.7978G	110.79	Inf	-Inf	3.55	3	Horizontal	199	1.64	-
5775MHz	Pass	PK	5.9274G	58.33	68.20	-9.87	3.80	3	Horizontal	199	1.64	-
5775MHz	Pass	AV	11.55499G	42.51	54.00	-11.49	-11.49	3	Vertical	47	2.59	-
5775MHz	Pass	PK	11.56218G	55.82	74.00	-18.18	-11.46	3	Vertical	47	2.59	-
5775MHz	Pass	AV	11.55549G	45.53	54.00	-8.47	-11.49	3	Horizontal	295	2.30	-
5775MHz	Pass	PK	11.56846G	58.90	74.00	-15.10	-11.45	3	Horizontal	295	2.30	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210#5290MHz	Pass	AV	5.149G	50.67	54.00	-3.33	2.73	3	Vertical	22	1.26	-
#5210#5290MHz	Pass	AV	5.302G	90.02	Inf	-Inf	2.82	3	Vertical	22	1.26	-
#5210#5290MHz	Pass	AV	5.350005G	49.54	54.00	-4.46	2.85	3	Vertical	22	1.26	-

Remark :

Page No. : E12 of E185

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

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RSE TX above 1GHz (Antenna Gain 10 dBi)
Non-Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
#5210#5290MHz	Pass	PK	5.149G	63.54	74.00	-10.46	2.73	3	Vertical	22	1.26	-
#5210#5290MHz	Pass	PK	5.303G	99.73	Inf	-Inf	2.82	3	Vertical	22	1.26	-
#5210#5290MHz	Pass	PK	5.352G	61.66	74.00	-12.34	2.85	3	Vertical	22	1.26	-
#5210#5290MHz	Pass	AV	5.149995G	51.85	54.00	-2.15	2.73	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	AV	5.285G	90.74	Inf	-Inf	2.81	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	AV	5.350005G	53.29	54.00	-0.71	2.85	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	PK	5.149G	64.64	74.00	-9.36	2.73	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	PK	5.287G	100.38	Inf	-Inf	2.81	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	PK	5.353G	65.12	74.00	-8.88	2.85	3	Horizontal	13	1.64	-
#5210#5290MHz	Pass	PK	10.50876G	53.93	68.20	-14.27	12.73	3	Vertical	360	1.50	-
#5210#5290MHz	Pass	PK	10.5108G	53.95	68.20	-14.25	12.74	3	Horizontal	0	1.50	-
#5530#5610MHz	Pass	AV	5.456G	48.29	54.00	-5.71	2.91	3	Vertical	184	1.80	-
#5530#5610MHz	Pass	AV	5.586G	93.52	Inf	-Inf	3.10	3	Vertical	184	1.80	-
#5530#5610MHz	Pass	PK	5.463G	59.64	68.20	-8.56	2.92	3	Vertical	184	1.80	-
#5530#5610MHz	Pass	PK	5.586G	103.01	Inf	-Inf	3.10	3	Vertical	184	1.80	-
#5530#5610MHz	Pass	PK	5.763G	56.52	68.20	-11.68	3.47	3	Vertical	184	1.80	-
#5530#5610MHz	Pass	AV	5.46G	52.23	54.00	-1.77	2.91	3	Horizontal	204	1.74	-
#5530#5610MHz	Pass	AV	5.617G	94.32	Inf	-Inf	3.16	3	Horizontal	204	1.74	-
#5530#5610MHz	Pass	PK	5.465G	66.07	68.20	-2.13	2.92	3	Horizontal	204	1.74	-
#5530#5610MHz	Pass	PK	5.596G	104.34	Inf	-Inf	3.12	3	Horizontal	204	1.74	-
#5530#5610MHz	Pass	PK	5.809G	55.73	68.20	-12.47	3.57	3	Horizontal	204	1.74	-
#5530#5610MHz	Pass	AV	11.054451G	43.72	54.00	-10.28	-12.69	3	Vertical	331	1.37	-
#5530#5610MHz	Pass	AV	11.225709G	44.34	54.00	-9.66	-12.28	3	Vertical	308	1.26	-
#5530#5610MHz	Pass	PK	11.051497G	57.36	74.00	-16.64	-12.69	3	Vertical	331	1.37	-
#5530#5610MHz	Pass	PK	11.223473G	57.66	74.00	-16.34	-12.29	3	Vertical	308	1.26	-
#5530#5610MHz	Pass	AV	11.05988G	43.85	54.00	-10.15	-12.68	3	Horizontal	145	1.51	-
#5530#5610MHz	Pass	AV	11.210499G	43.59	54.00	-10.41	-12.31	3	Horizontal	211	1.59	-
#5530#5610MHz	Pass	PK	11.060319G	57.83	74.00	-16.17	-12.67	3	Horizontal	145	1.51	-
#5530#5610MHz	Pass	PK	11.21509G	57.78	74.00	-16.22	-12.30	3	Horizontal	211	1.59	-

Remark :

Page No. : E13 of E185

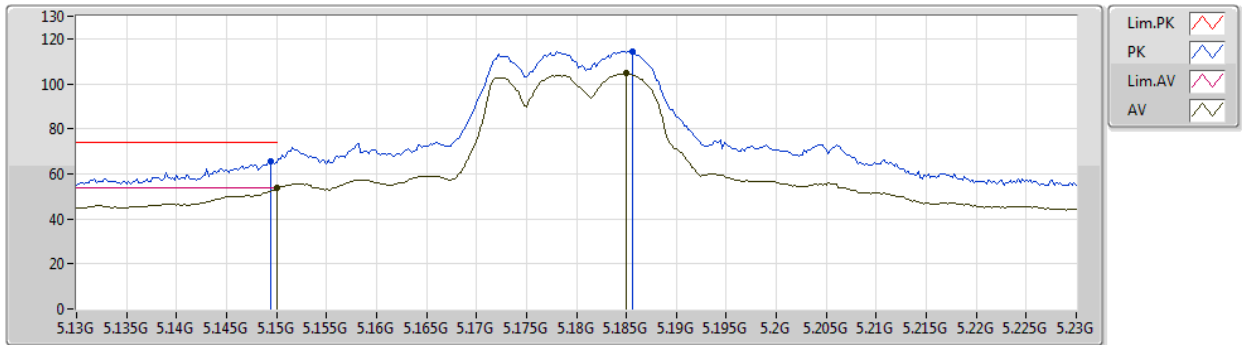
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

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802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5180MHz_TX

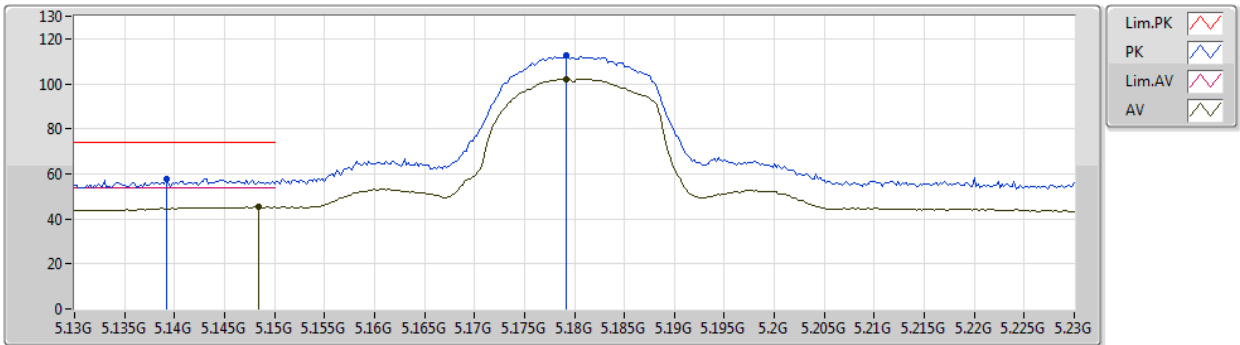


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.82	54.00	-0.18	2.73	3	Vertical	359	1.82	-	51.09	31.66	5.62	34.55
AV	5.185G	104.60	Inf	-Inf	2.75	3	Vertical	359	1.82	-	101.85	31.67	5.63	34.55
PK	5.1494G	65.39	74.00	-8.61	2.73	3	Vertical	359	1.82	-	62.66	31.66	5.62	34.55
PK	5.1856G	114.56	Inf	-Inf	2.75	3	Vertical	359	1.82	-	111.81	31.67	5.63	34.55

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5180MHz_TX

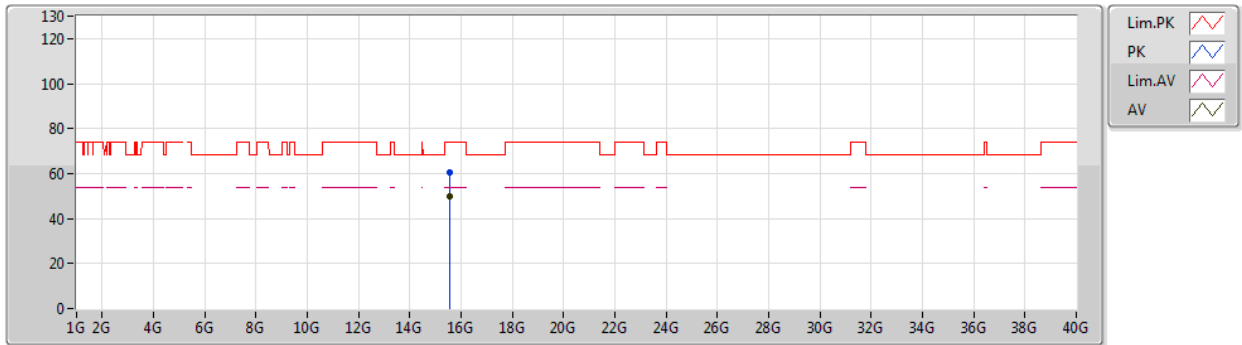


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	45.52	54.00	-8.48	2.73	3	Horizontal	6	1.19	-	42.79	31.66	5.62	34.55
AV	5.1792G	102.25	Inf	-Inf	2.75	3	Horizontal	6	1.19	-	99.50	31.67	5.63	34.55
PK	5.1392G	57.94	74.00	-16.06	2.73	3	Horizontal	6	1.19	-	55.21	31.66	5.62	34.55
PK	5.1792G	112.38	Inf	-Inf	2.75	3	Horizontal	6	1.19	-	109.63	31.67	5.63	34.55

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5180MHz_TX

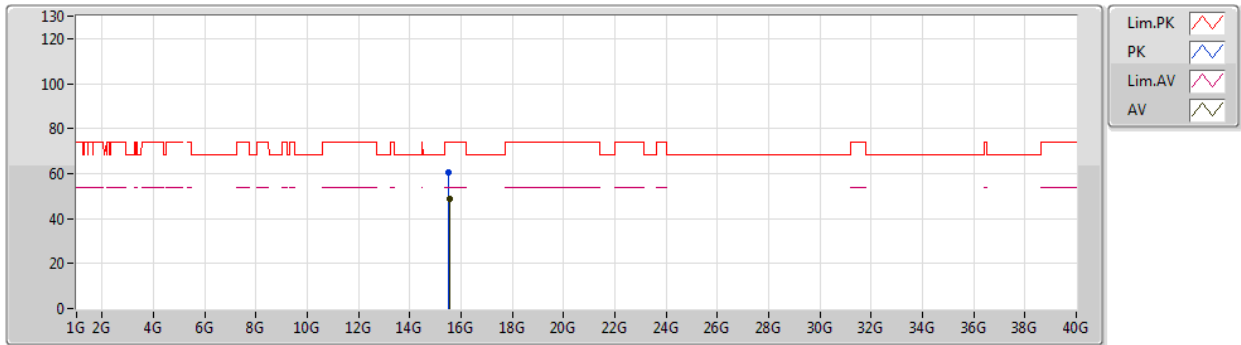


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53604G	49.95	54.00	-4.05	14.11	3	Vertical	194	1.68	-	35.84	38.86	9.95	34.70
PK	15.53682G	60.66	74.00	-13.34	14.11	3	Vertical	194	1.68	-	46.55	38.86	9.95	34.70

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5180MHz_TX

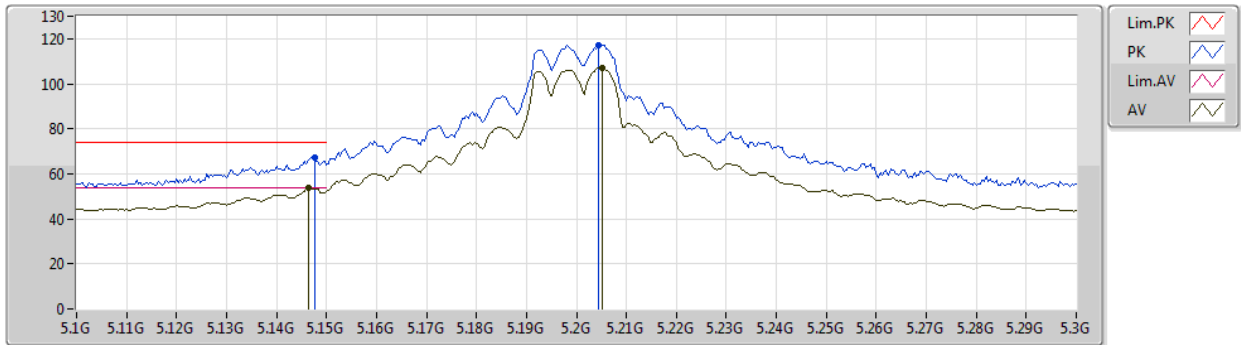


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5349G	48.75	54.00	-5.25	14.12	3	Horizontal	13	2.41	-	34.63	38.87	9.95	34.70
PK	15.53106G	60.56	74.00	-13.44	14.14	3	Horizontal	13	2.41	-	46.42	38.88	9.95	34.69

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5200MHz_TX

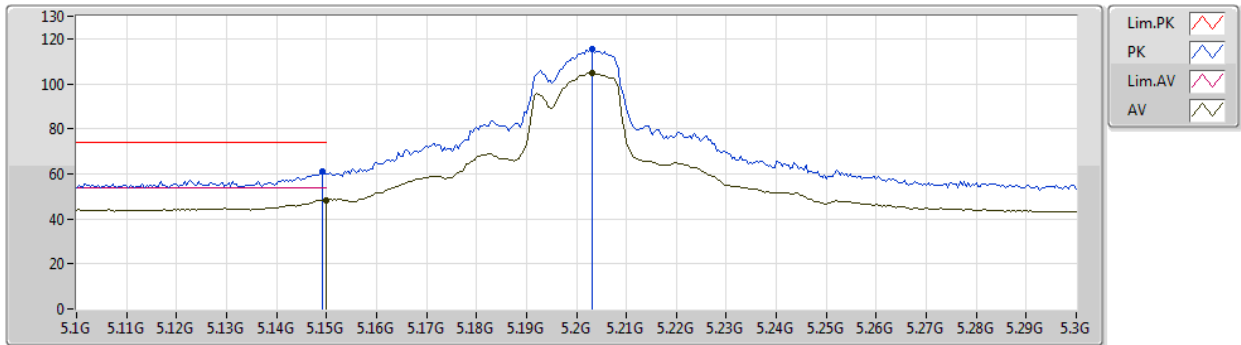


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	53.58	54.00	-0.42	2.73	3	Vertical	0	1.74	-	50.85	31.66	5.62	34.55
AV	5.2052G	107.13	Inf	-Inf	2.76	3	Vertical	0	1.74	-	104.37	31.68	5.63	34.55
PK	5.1476G	67.50	74.00	-6.50	2.73	3	Vertical	0	1.74	-	64.77	31.66	5.62	34.55
PK	5.2044G	117.27	Inf	-Inf	2.76	3	Vertical	0	1.74	-	114.51	31.68	5.63	34.55

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5200MHz_TX

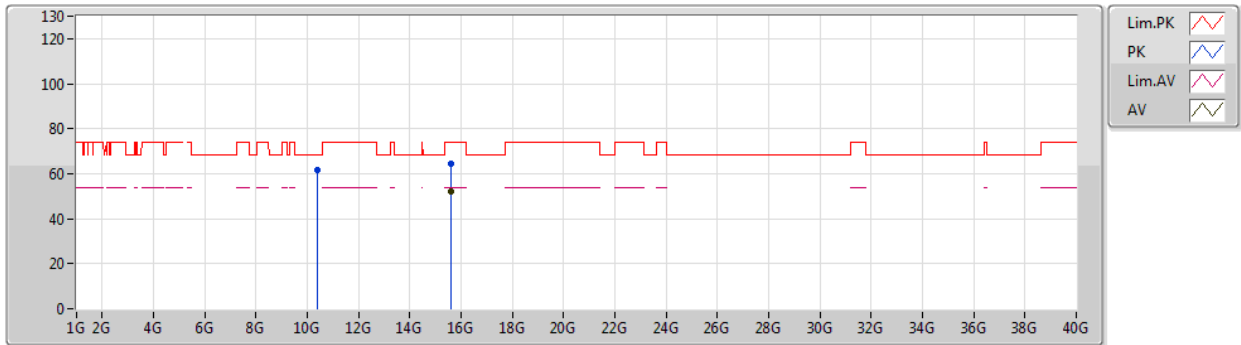


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	48.42	54.00	-5.58	2.73	3	Horizontal	13	1.73	-	45.69	31.66	5.62	34.55
AV	5.2032G	104.81	Inf	-Inf	2.76	3	Horizontal	13	1.73	-	102.05	31.68	5.63	34.55
PK	5.1492G	60.86	74.00	-13.14	2.73	3	Horizontal	13	1.73	-	58.13	31.66	5.62	34.55
PK	5.2032G	115.16	Inf	-Inf	2.76	3	Horizontal	13	1.73	-	112.40	31.68	5.63	34.55

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5200MHz_TX

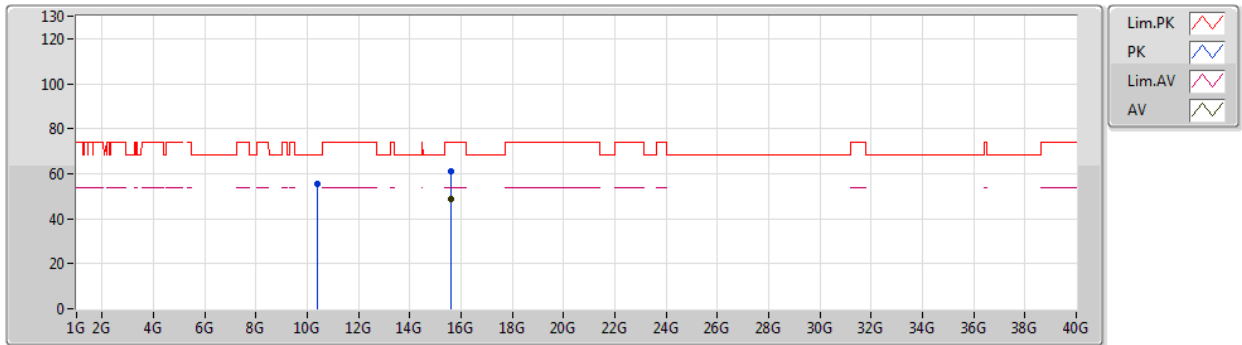


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5978G	52.04	54.00	-1.96	13.83	3	Vertical	88	1.39	-	38.21	38.63	9.97	34.77
PK	10.3979G	61.90	68.20	-6.30	12.44	3	Vertical	17	2.37	-	49.46	39.56	7.95	35.07
PK	15.5969G	64.37	74.00	-9.63	13.83	3	Vertical	88	1.39	-	50.54	38.63	9.97	34.77

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5200MHz_TX

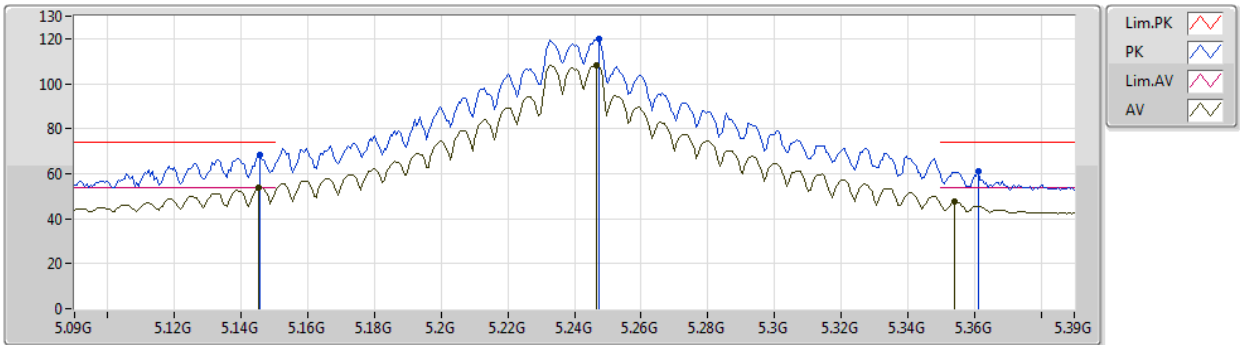


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5991G	48.74	54.00	-5.26	13.82	3	Horizontal	321	1.65	-	34.92	38.62	9.97	34.77
PK	10.3962G	55.46	68.20	-12.74	12.43	3	Horizontal	175	1.22	-	43.03	39.55	7.95	35.07
PK	15.5969G	61.34	74.00	-12.66	13.83	3	Horizontal	321	1.65	-	47.51	38.63	9.97	34.77

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5240MHz_TX

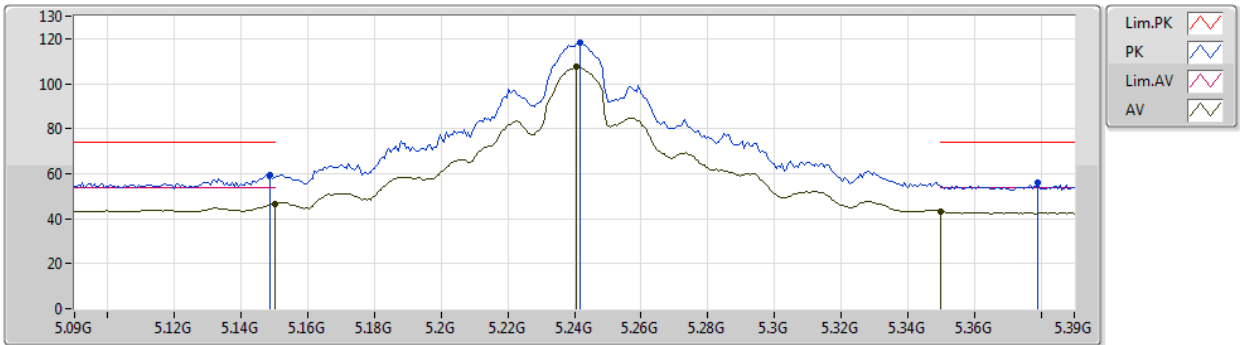


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1452G	53.83	54.00	-0.17	2.73	3	Vertical	0	2.07	-	51.10	31.66	5.62	34.55
AV	5.2466G	108.35	Inf	-Inf	2.78	3	Vertical	0	2.07	-	105.57	31.70	5.63	34.55
AV	5.354G	47.38	54.00	-6.62	2.85	3	Vertical	0	2.07	-	44.53	31.74	5.65	34.54
PK	5.1458G	68.20	74.00	-5.80	2.73	3	Vertical	0	2.07	-	65.47	31.66	5.62	34.55
PK	5.2472G	119.98	Inf	-Inf	2.78	3	Vertical	0	2.07	-	117.20	31.70	5.63	34.55
PK	5.3612G	60.86	74.00	-13.14	2.85	3	Vertical	0	2.07	-	58.01	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5240MHz_TX

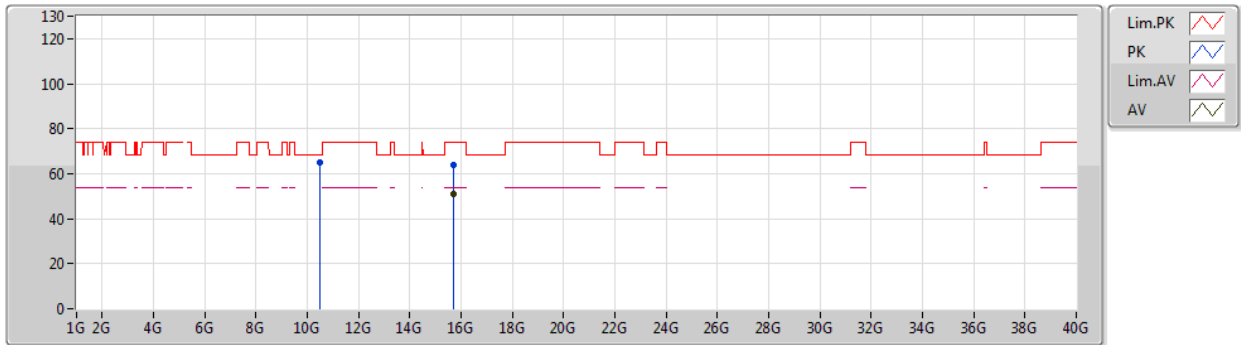


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	46.67	54.00	-7.33	2.73	3	Horizontal	356	1.04	-	43.94	31.66	5.62	34.55
AV	5.2406G	107.47	Inf	-Inf	2.78	3	Horizontal	356	1.04	-	104.69	31.70	5.63	34.55
AV	5.350005G	43.26	54.00	-10.74	2.85	3	Horizontal	356	1.04	-	40.41	31.74	5.65	34.54
PK	5.1488G	59.55	74.00	-14.45	2.73	3	Horizontal	356	1.04	-	56.82	31.66	5.62	34.55
PK	5.2418G	118.02	Inf	-Inf	2.78	3	Horizontal	356	1.04	-	115.24	31.70	5.63	34.55
PK	5.3792G	56.03	74.00	-17.97	2.87	3	Horizontal	356	1.04	-	53.16	31.75	5.66	34.54

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5240MHz_TX

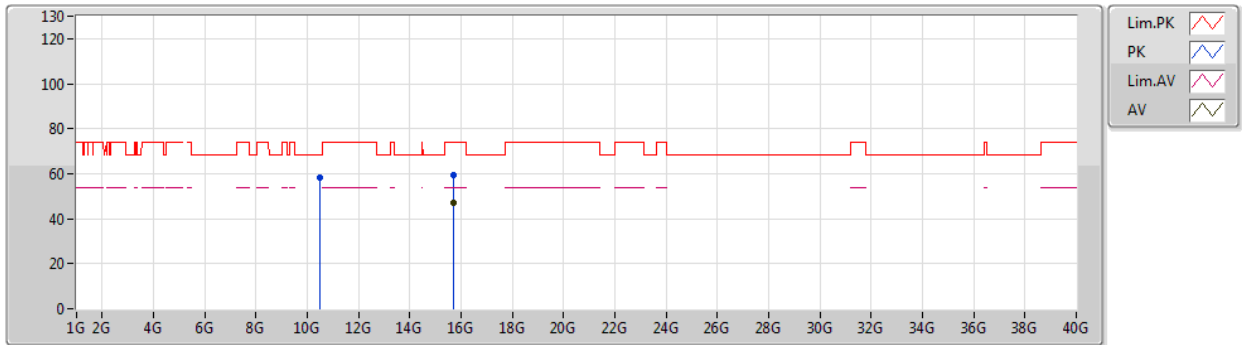


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7199G	50.85	54.00	-3.15	13.24	3	Vertical	314	1.11	-	37.61	38.16	10.00	34.92
PK	10.4779G	65.21	68.20	-2.99	12.65	3	Vertical	15	2.34	-	52.56	39.67	7.99	35.01
PK	15.7187G	63.60	74.00	-10.40	13.25	3	Vertical	314	1.11	-	50.35	38.17	10.00	34.92

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5240MHz_TX

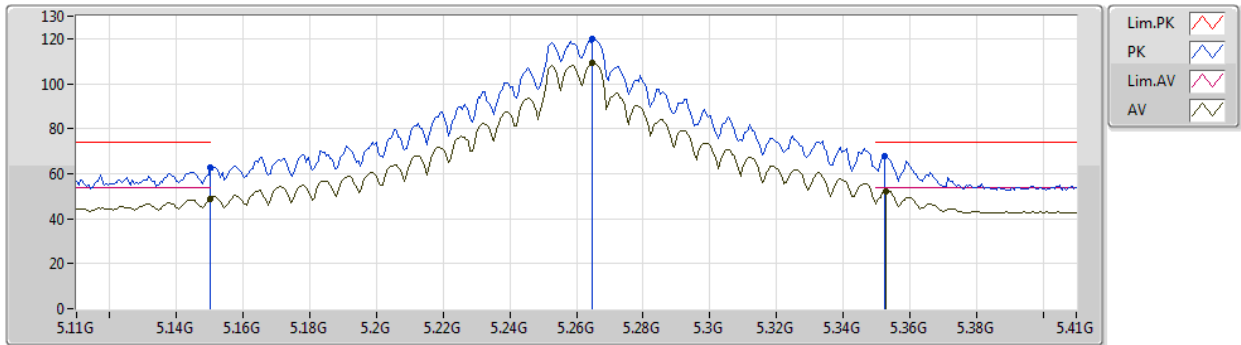


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6964G	47.23	54.00	-6.77	13.35	3	Horizontal	179	2.09	-	33.88	38.25	9.99	34.89
PK	10.4761G	58.13	68.20	-10.07	12.64	3	Horizontal	169	1.12	-	45.49	39.67	7.98	35.01
PK	15.7031G	59.29	74.00	-14.71	13.33	3	Horizontal	179	2.09	-	45.96	38.23	10.00	34.90

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5260MHz_TX

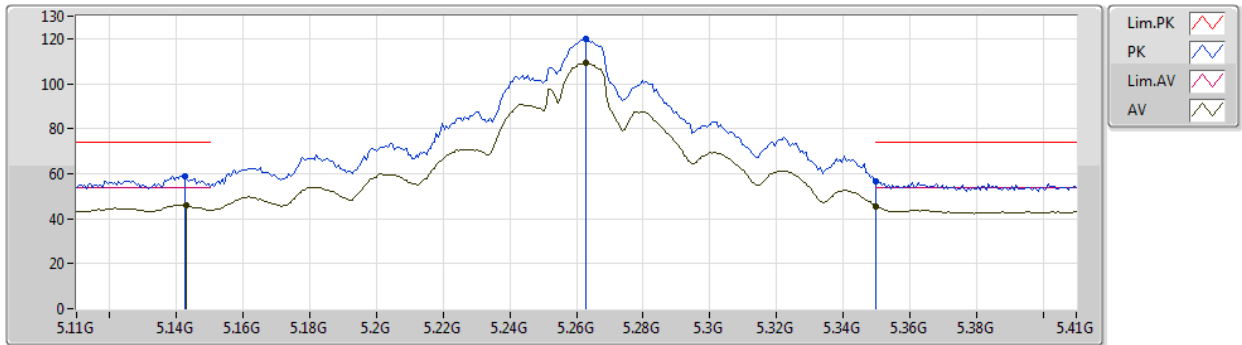


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	49.01	54.00	-4.99	2.73	3	Vertical	357	1.65	-	46.28	31.66	5.62	34.55
AV	5.2648G	109.30	Inf	-Inf	2.81	3	Vertical	357	1.65	-	106.49	31.71	5.64	34.54
AV	5.353G	52.39	54.00	-1.61	2.85	3	Vertical	357	1.65	-	49.54	31.74	5.65	34.54
PK	5.149995G	62.53	74.00	-11.47	2.73	3	Vertical	357	1.65	-	59.80	31.66	5.62	34.55
PK	5.2648G	119.75	Inf	-Inf	2.81	3	Vertical	357	1.65	-	116.94	31.71	5.64	34.54
PK	5.3524G	67.68	74.00	-6.32	2.85	3	Vertical	357	1.65	-	64.83	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5260MHz_TX

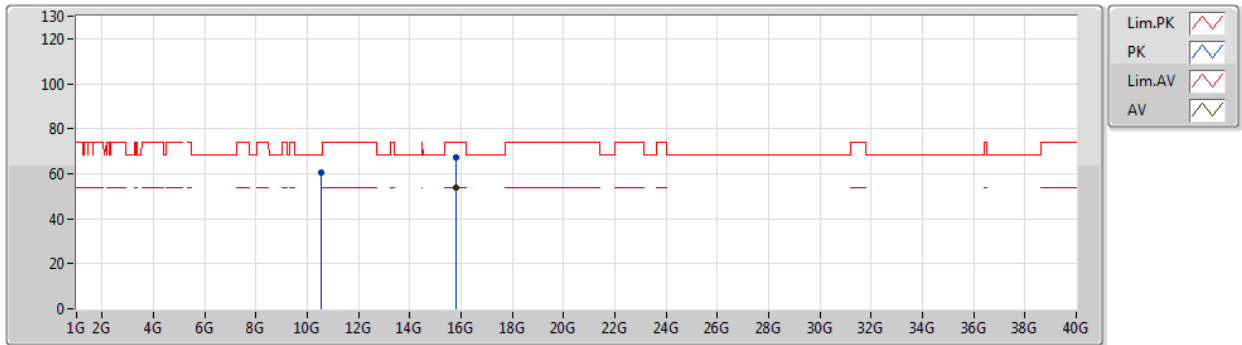


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.143G	46.21	54.00	-7.79	2.73	3	Horizontal	9	1.52	-	43.48	31.66	5.62	34.55
AV	5.263G	109.45	Inf	-Inf	2.81	3	Horizontal	9	1.52	-	106.64	31.71	5.64	34.54
AV	5.350005G	45.46	54.00	-8.54	2.85	3	Horizontal	9	1.52	-	42.61	31.74	5.65	34.54
PK	5.1424G	58.90	74.00	-15.10	2.73	3	Horizontal	9	1.52	-	56.17	31.66	5.62	34.55
PK	5.263G	120.18	Inf	-Inf	2.81	3	Horizontal	9	1.52	-	117.37	31.71	5.64	34.54
PK	5.350005G	56.49	74.00	-17.51	2.85	3	Horizontal	9	1.52	-	53.64	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5260MHz_TX

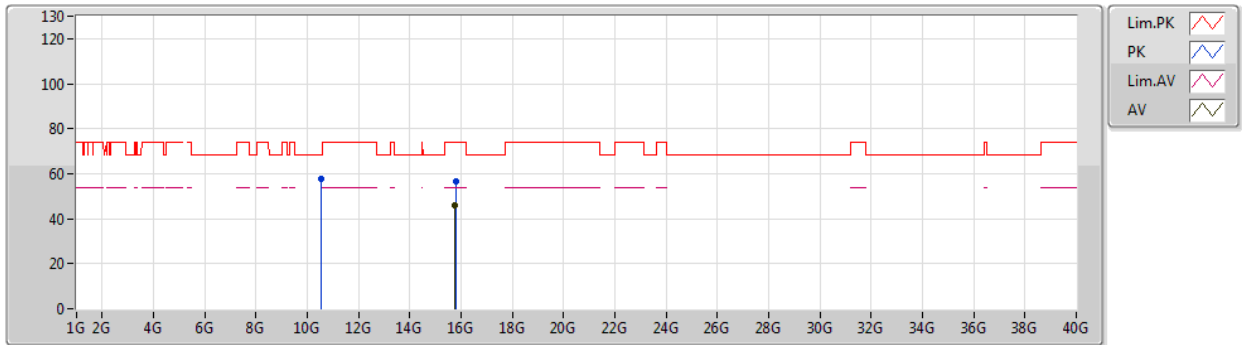


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7816G	53.68	54.00	-0.32	12.96	3	Vertical	293	1.51	-	40.72	37.93	10.02	34.99
PK	10.5179G	60.69	68.20	-7.51	12.75	3	Vertical	5	1.75	-	47.94	39.73	8.00	34.98
PK	15.78G	67.23	74.00	-6.77	12.97	3	Vertical	293	1.51	-	54.26	37.94	10.02	34.99

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5260MHz_TX

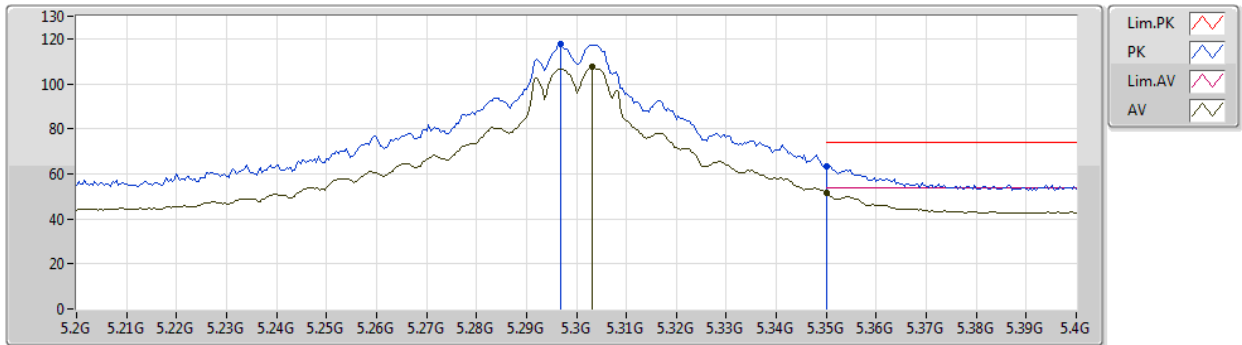


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7552G	45.97	54.00	-8.03	13.08	3	Horizontal	38	1.38	-	32.89	38.03	10.01	34.96
PK	10.5175G	57.57	68.20	-10.63	12.74	3	Horizontal	21	1.02	-	44.83	39.72	8.00	34.98
PK	15.7847G	56.77	74.00	-17.23	12.95	3	Horizontal	38	1.38	-	43.82	37.92	10.02	34.99

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5300MHz_TX

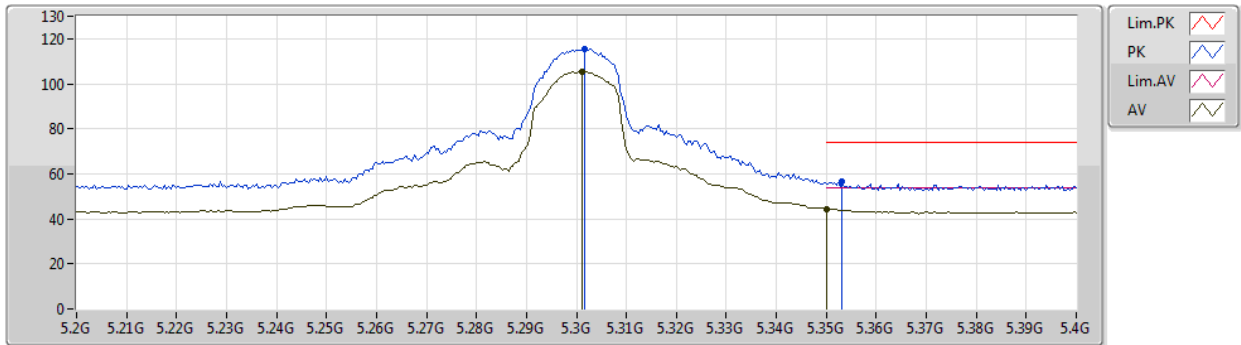


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3032G	107.49	Inf	-Inf	2.82	3	Vertical	3	1.73	-	104.67	31.72	5.64	34.54
AV	5.350005G	51.77	54.00	-2.23	2.85	3	Vertical	3	1.73	-	48.92	31.74	5.65	34.54
PK	5.2968G	117.67	Inf	-Inf	2.82	3	Vertical	3	1.73	-	114.85	31.72	5.64	34.54
PK	5.350005G	63.33	74.00	-10.67	2.85	3	Vertical	3	1.73	-	60.48	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5300MHz_TX

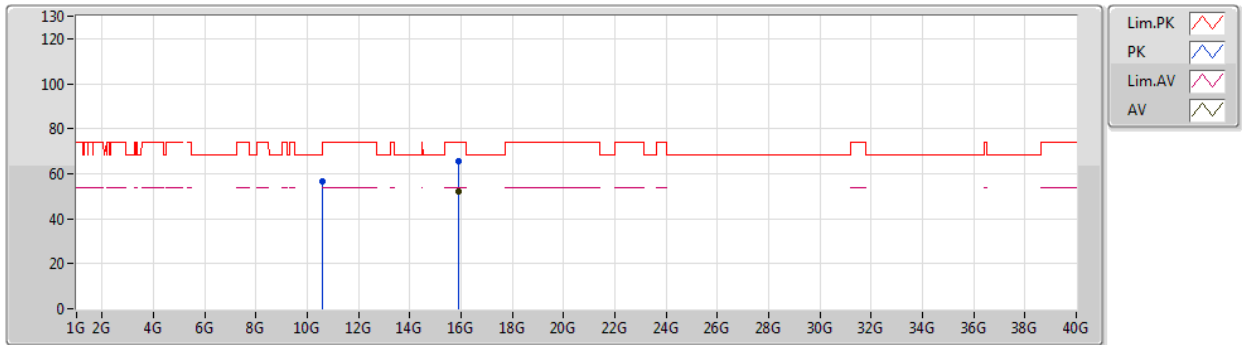


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3012G	105.55	Inf	-Inf	2.82	3	Horizontal	11	1.59	-	102.73	31.72	5.64	34.54
AV	5.350005G	44.50	54.00	-9.50	2.85	3	Horizontal	11	1.59	-	41.65	31.74	5.65	34.54
PK	5.3016G	115.44	Inf	-Inf	2.82	3	Horizontal	11	1.59	-	112.62	31.72	5.64	34.54
PK	5.3532G	56.34	74.00	-17.66	2.85	3	Horizontal	11	1.59	-	53.49	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5300MHz_TX

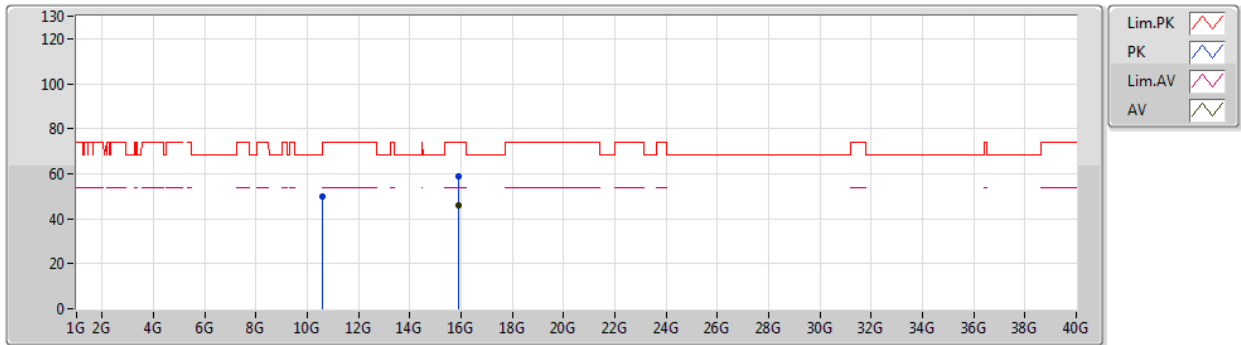


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.907G	52.18	54.00	-1.82	12.36	3	Vertical	86	1.63	-	39.82	37.45	10.05	35.14
PK	10.5971G	56.86	68.20	-11.34	12.97	3	Vertical	80	2.20	-	43.89	39.84	8.04	34.91
PK	15.8946G	65.32	74.00	-8.68	12.42	3	Vertical	86	1.63	-	52.90	37.50	10.04	35.12

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5300MHz_TX

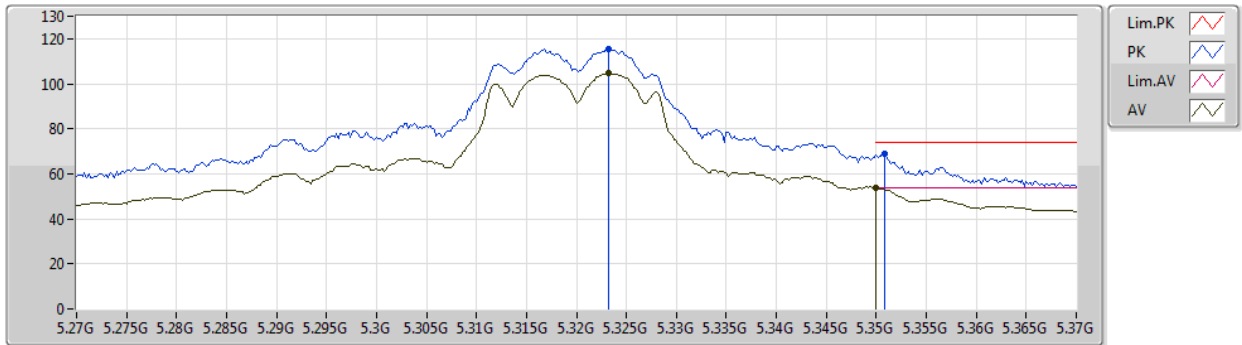


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9057G	45.71	54.00	-8.29	12.37	3	Horizontal	209	1.35	-	33.34	37.46	10.05	35.14
PK	10.599G	49.96	68.20	-18.24	12.97	3	Horizontal	95	1.95	-	36.99	39.84	8.04	34.91
PK	15.9072G	59.02	74.00	-14.98	12.36	3	Horizontal	209	1.35	-	46.66	37.45	10.05	35.14

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5320MHz_TX

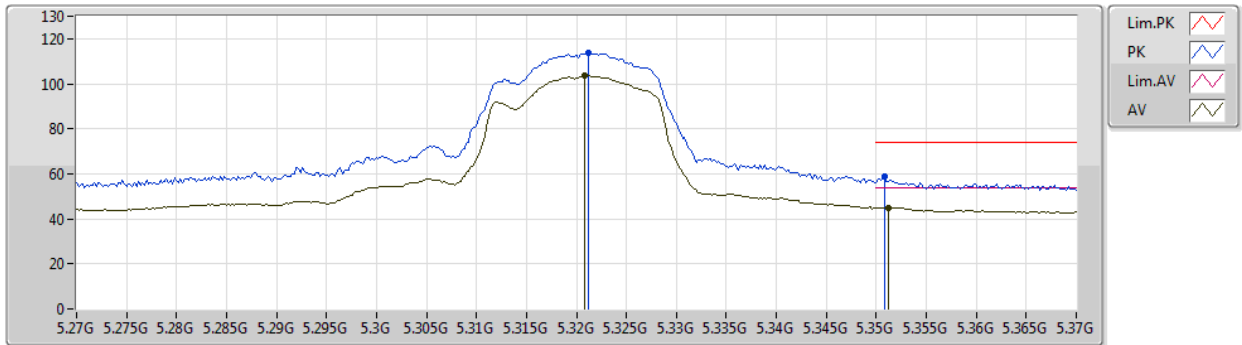


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3232G	104.65	Inf	-Inf	2.83	3	Vertical	2	1.62	-	101.82	31.73	5.64	34.54
AV	5.350005G	53.87	54.00	-0.13	2.85	3	Vertical	2	1.62	-	51.02	31.74	5.65	34.54
PK	5.3232G	115.50	Inf	-Inf	2.83	3	Vertical	2	1.62	-	112.67	31.73	5.64	34.54
PK	5.3508G	68.94	74.00	-5.06	2.85	3	Vertical	2	1.62	-	66.09	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

19/12/2017

5320MHz_TX

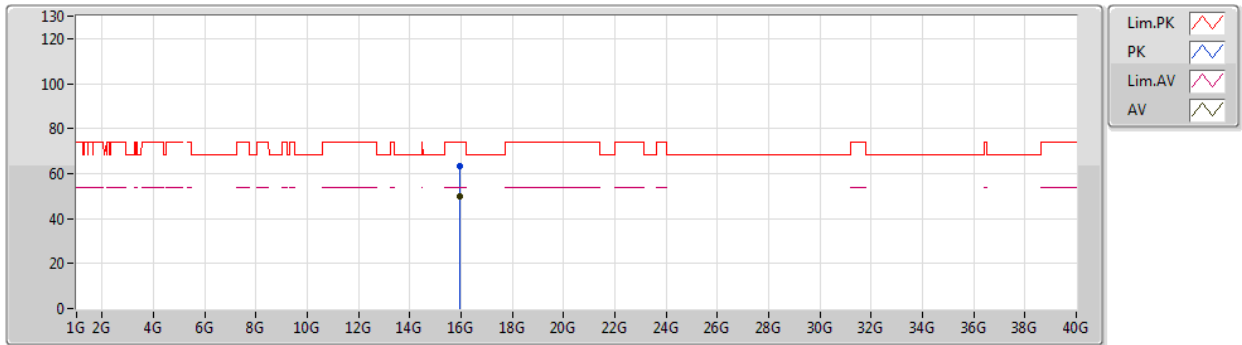


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3208G	103.66	Inf	-Inf	2.83	3	Horizontal	351	1.44	-	100.83	31.73	5.64	34.54
AV	5.3512G	44.90	54.00	-9.10	2.85	3	Horizontal	351	1.44	-	42.05	31.74	5.65	34.54
PK	5.3212G	113.92	Inf	-Inf	2.83	3	Horizontal	351	1.44	-	111.09	31.73	5.64	34.54
PK	5.3508G	58.69	74.00	-15.31	2.85	3	Horizontal	351	1.44	-	55.84	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5320MHz_TX

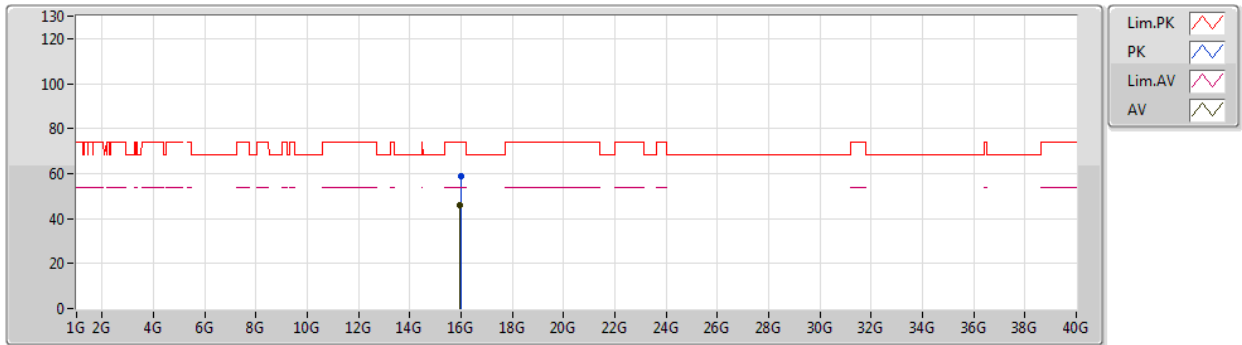


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9609G	50.15	54.00	-3.85	12.11	3	Vertical	176	1.62	-	38.04	37.25	10.06	35.20
PK	15.9614G	63.50	74.00	-10.50	12.11	3	Vertical	176	1.62	-	51.39	37.25	10.06	35.20

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5320MHz_TX

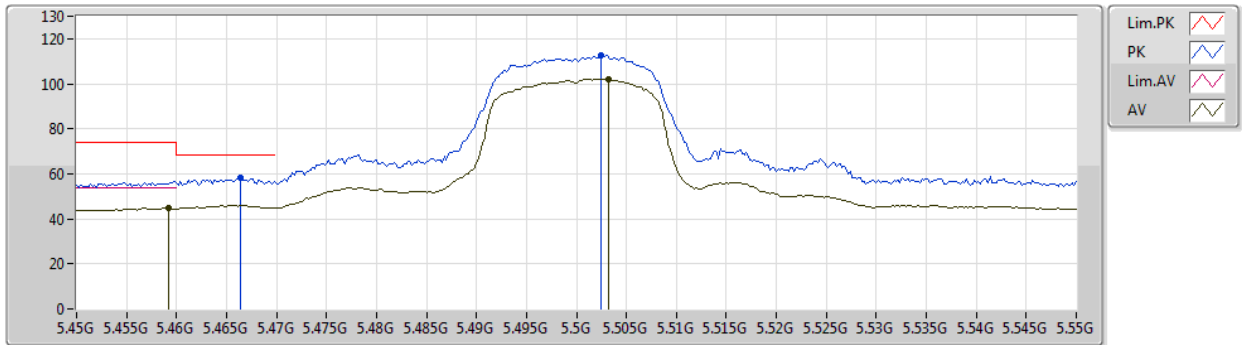


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9708G	45.67	54.00	-8.33	12.06	3	Horizontal	162	1.87	-	33.61	37.21	10.06	35.22
PK	15.9825G	59.06	74.00	-14.94	12.00	3	Horizontal	162	1.87	-	47.06	37.17	10.07	35.23

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5500MHz_TX

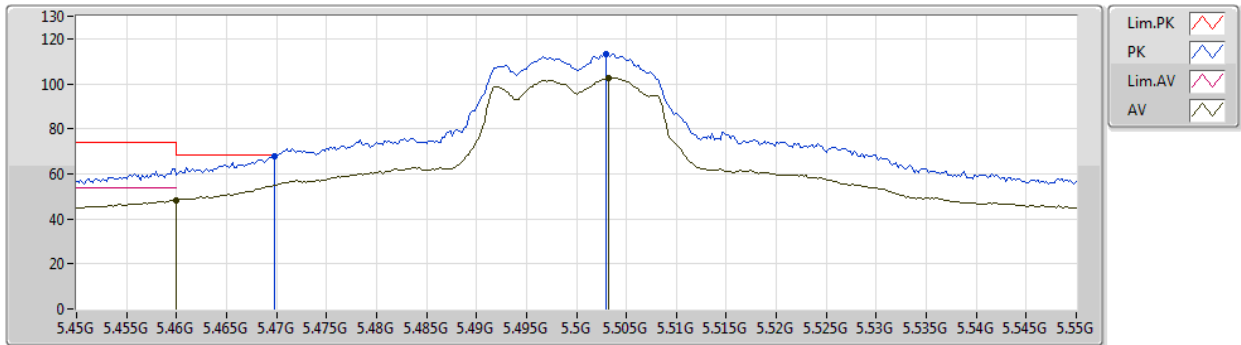


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	44.67	54.00	-9.33	2.91	3	Vertical	180	1.67	-	41.76	31.78	5.67	34.54
AV	5.5032G	102.05	Inf	-Inf	2.94	3	Vertical	180	1.67	-	99.12	31.81	5.67	34.54
PK	5.4664G	58.10	68.20	-10.10	2.91	3	Vertical	180	1.67	-	55.18	31.79	5.67	34.54
PK	5.5024G	112.63	Inf	-Inf	2.93	3	Vertical	180	1.67	-	109.69	31.80	5.67	34.54

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5500MHz_TX

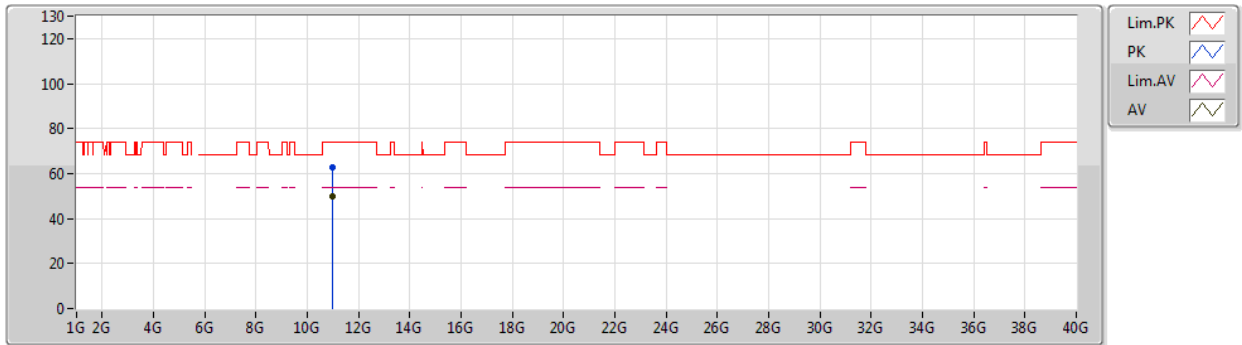


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	48.24	54.00	-5.76	2.91	3	Horizontal	206	1.95	-	45.33	31.78	5.67	34.54
AV	5.5032G	102.68	Inf	-Inf	2.94	3	Horizontal	206	1.95	-	99.74	31.81	5.67	34.54
PK	5.4698G	67.73	68.20	-0.47	2.91	3	Horizontal	206	1.95	-	64.81	31.79	5.67	34.54
PK	5.503G	113.06	Inf	-Inf	2.94	3	Horizontal	206	1.95	-	110.13	31.80	5.67	34.54

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5500MHz_TX

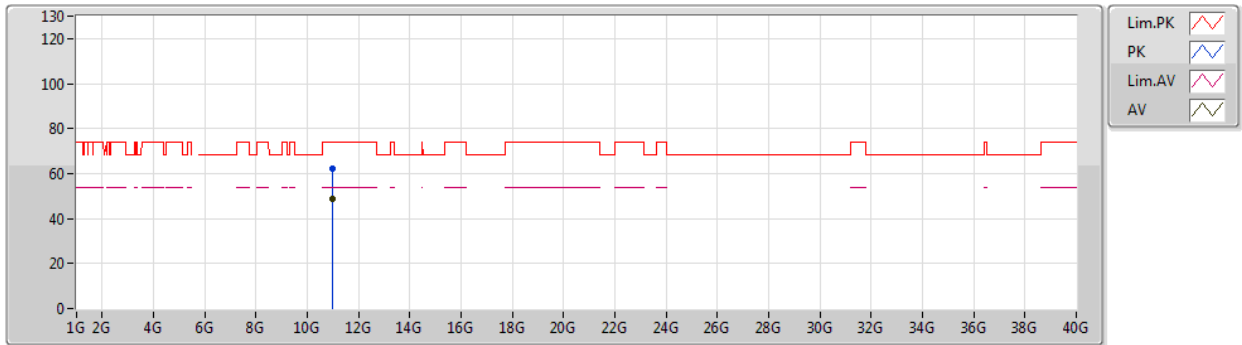


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11G	49.82	54.00	-4.18	16.14	3	Vertical	26	1.97	-	33.68	40.00	7.31	31.17
PK	11G	62.96	74.00	-11.04	16.14	3	Vertical	26	1.97	-	46.82	40.00	7.31	31.17

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5500MHz_TX

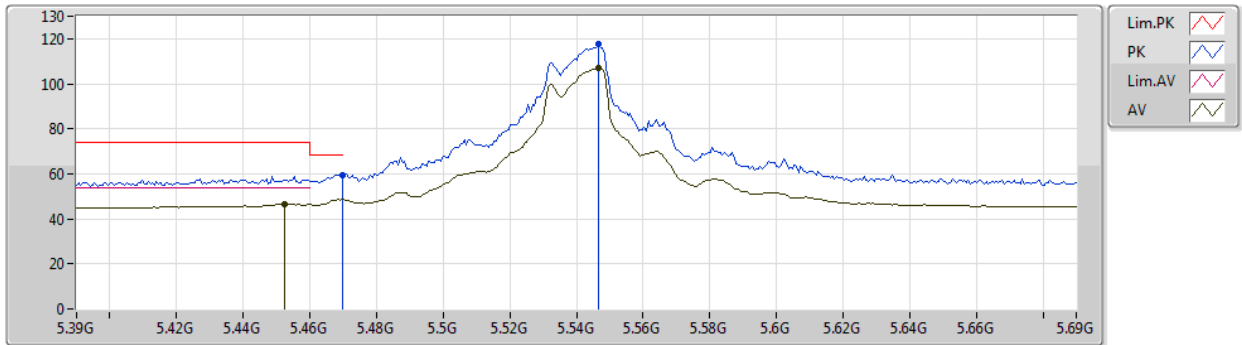


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11G	48.73	54.00	-5.27	16.14	3	Horizontal	145	1.52	-	32.59	40.00	7.31	31.17
PK	11G	61.95	74.00	-12.05	16.14	3	Horizontal	145	1.52	-	45.81	40.00	7.31	31.17

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5540MHz_TX

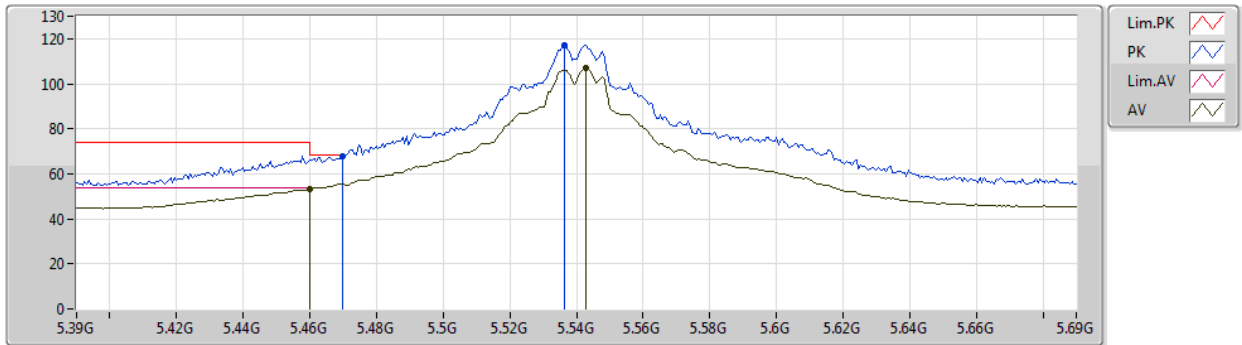


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4524G	46.52	54.00	-7.48	2.91	3	Vertical	183	2.11	-	43.61	31.78	5.67	34.54
AV	5.5466G	107.01	Inf	-Inf	3.02	3	Vertical	183	2.11	-	103.99	31.87	5.70	34.55
PK	5.4698G	59.57	68.20	-8.63	2.92	3	Vertical	183	2.11	-	56.65	31.79	5.67	34.54
PK	5.5466G	117.48	Inf	-Inf	3.02	3	Vertical	183	2.11	-	114.46	31.87	5.70	34.55

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5540MHz_TX

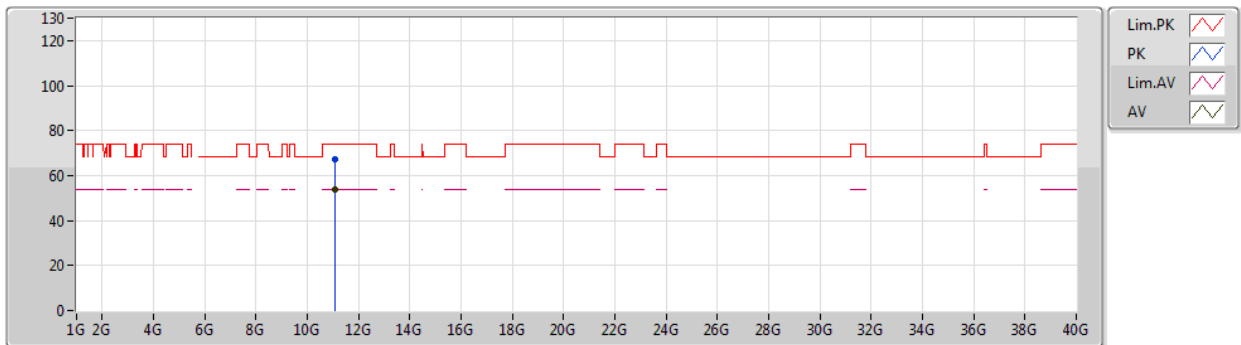


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.459995G	53.33	54.00	-0.67	2.91	3	Horizontal	189	1.49	-	50.42	31.78	5.67	34.54
AV	5.543G	106.80	Inf	-Inf	3.02	3	Horizontal	189	1.49	-	103.78	31.87	5.70	34.55
PK	5.4698G	67.79	68.20	-0.41	2.92	3	Horizontal	189	1.49	-	64.87	31.79	5.67	34.54
PK	5.5364G	117.12	Inf	-Inf	3.01	3	Horizontal	189	1.49	-	114.11	31.86	5.70	34.55

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5540MHz_TX

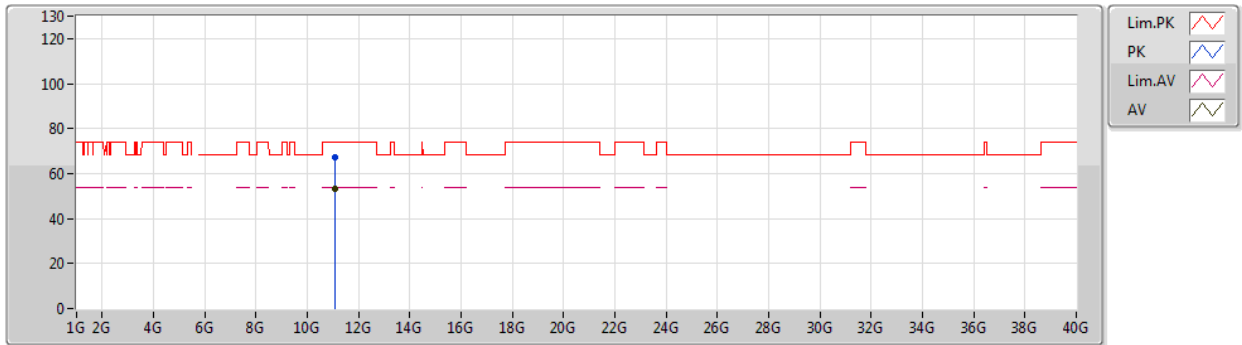


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.08G	53.67	54.00	-0.33	-12.63	3	Vertical	328	1.17	-	66.30	11.19	7.34	31.16
PK	11.08G	67.27	74.00	-6.73	-12.63	3	Vertical	328	1.17	-	79.90	11.19	7.34	31.16

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5540MHz_TX

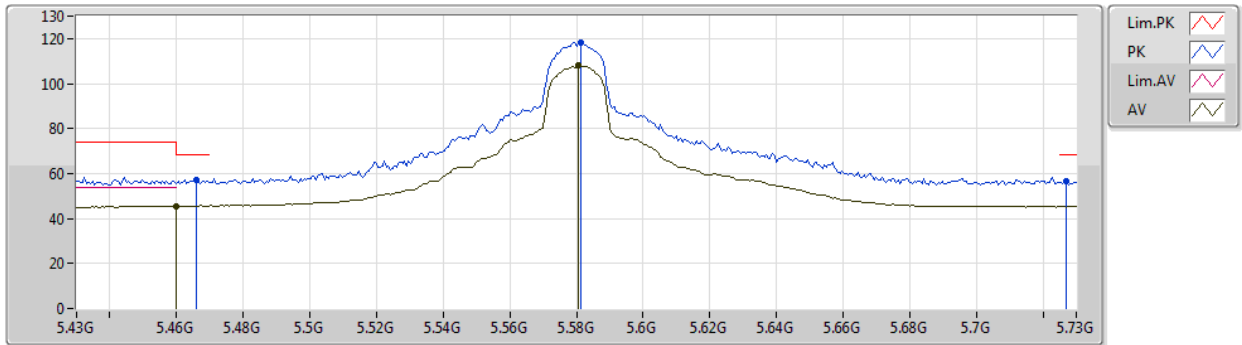


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.082036G	53.05	54.00	-0.95	-12.62	3	Horizontal	145	1.54	-	65.67	11.20	7.34	31.16
PK	11.080599G	67.01	74.00	-6.99	-12.62	3	Horizontal	145	1.54	-	79.63	11.20	7.34	31.16

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5580MHz_TX

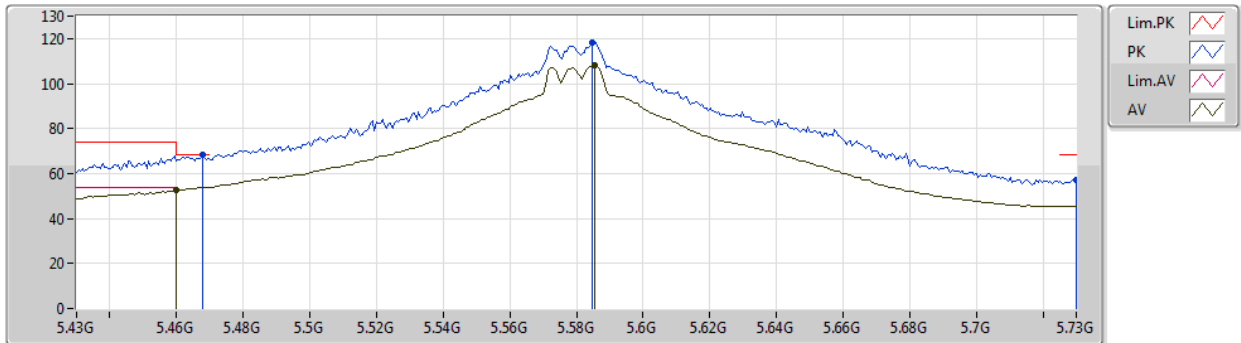


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	45.49	54.00	-8.51	2.91	3	Vertical	180	1.49	-	42.58	31.78	5.67	34.54
AV	5.5806G	107.89	Inf	-Inf	3.10	3	Vertical	180	1.49	-	104.79	31.93	5.73	34.56
PK	5.466G	57.06	68.20	-11.14	2.92	3	Vertical	180	1.49	-	54.14	31.79	5.67	34.54
PK	5.5812G	118.09	Inf	-Inf	3.10	3	Vertical	180	1.49	-	114.99	31.93	5.73	34.56
PK	5.727G	56.68	68.20	-11.52	3.38	3	Vertical	180	1.49	-	53.30	32.16	5.83	34.61

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5580MHz_TX

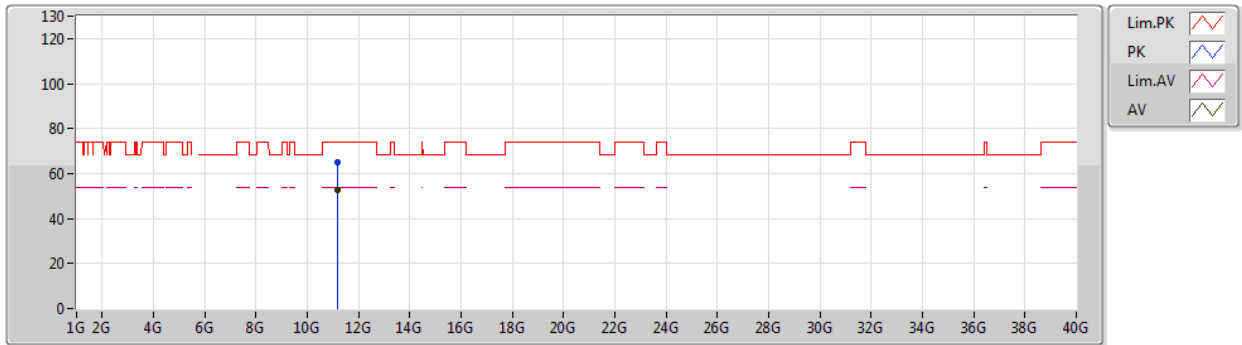


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	52.44	54.00	-1.56	2.91	3	Horizontal	198	1.93	-	49.53	31.78	5.67	34.54
AV	5.5854G	108.24	Inf	-Inf	3.10	3	Horizontal	198	1.93	-	105.14	31.94	5.73	34.57
PK	5.4678G	68.12	68.20	-0.08	2.92	3	Horizontal	198	1.93	-	65.20	31.79	5.67	34.54
PK	5.5848G	118.47	Inf	-Inf	3.10	3	Horizontal	198	1.93	-	115.37	31.94	5.73	34.57
PK	5.73G	57.35	68.20	-10.85	3.39	3	Horizontal	198	1.93	-	53.96	32.17	5.83	34.61

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5580MHz_TX

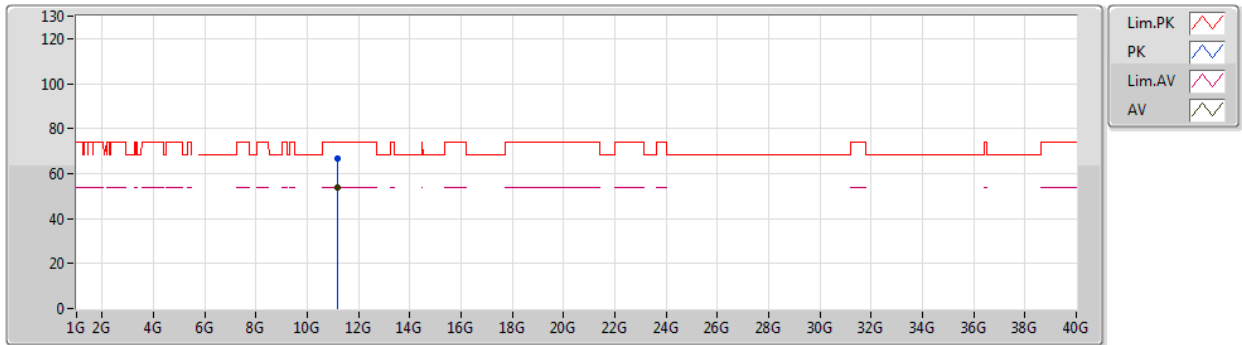


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.157645G	52.60	54.00	-1.40	-12.44	3	Vertical	329	1.44	-	65.04	11.35	7.36	31.15
PK	11.157285G	64.94	74.00	-9.06	-12.44	3	Vertical	329	1.44	-	77.38	11.35	7.36	31.15

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5580MHz_TX

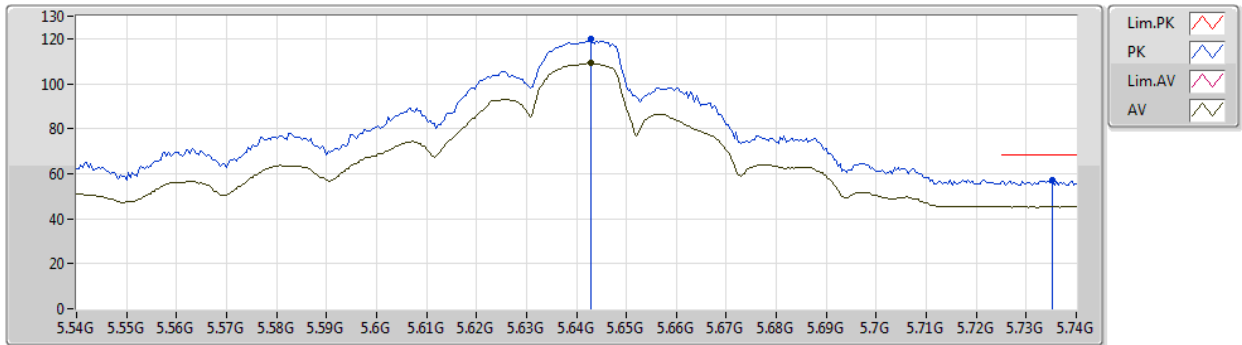


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.157006G	53.52	54.00	-0.48	-12.45	3	Horizontal	62	1.43	-	65.97	11.34	7.36	31.15
PK	11.156048G	66.86	74.00	-7.14	-12.45	3	Horizontal	62	1.43	-	79.31	11.34	7.36	31.15

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5640MHz_TX

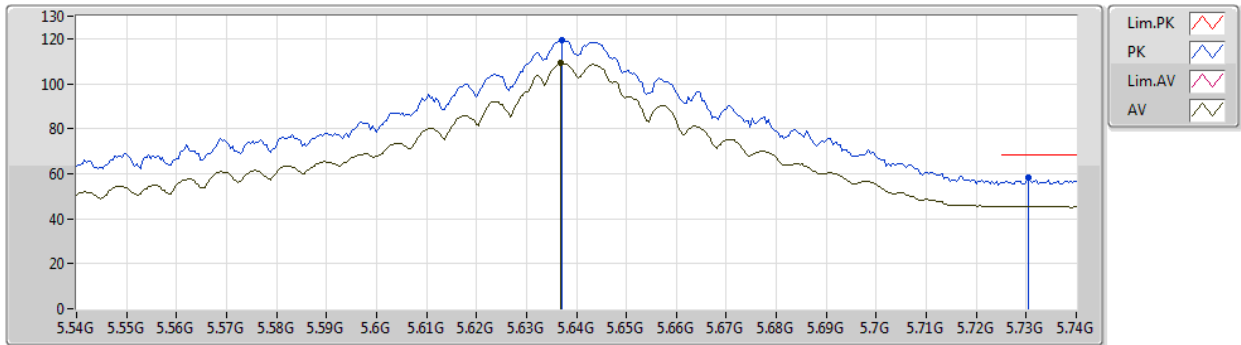


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6428G	109.28	Inf	-Inf	3.22	3	Vertical	180	1.64	-	106.06	32.03	5.77	34.58
PK	5.6428G	120.09	Inf	-Inf	3.22	3	Vertical	180	1.64	-	116.87	32.03	5.77	34.58
PK	5.7352G	56.99	68.20	-11.21	3.41	3	Vertical	180	1.64	-	53.58	32.18	5.84	34.61

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5640MHz_TX

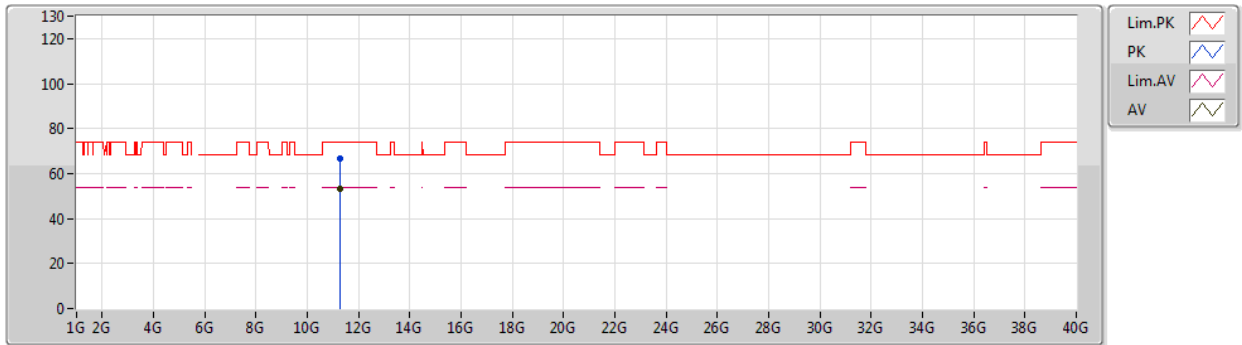


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6368G	109.03	Inf	-Inf	3.21	3	Horizontal	205	1.69	-	105.82	32.02	5.77	34.58
PK	5.6372G	119.16	Inf	-Inf	3.21	3	Horizontal	205	1.69	-	115.95	32.02	5.77	34.58
PK	5.7304G	58.09	68.20	-10.11	3.39	3	Horizontal	205	1.69	-	54.70	32.17	5.83	34.61

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5640MHz_TX

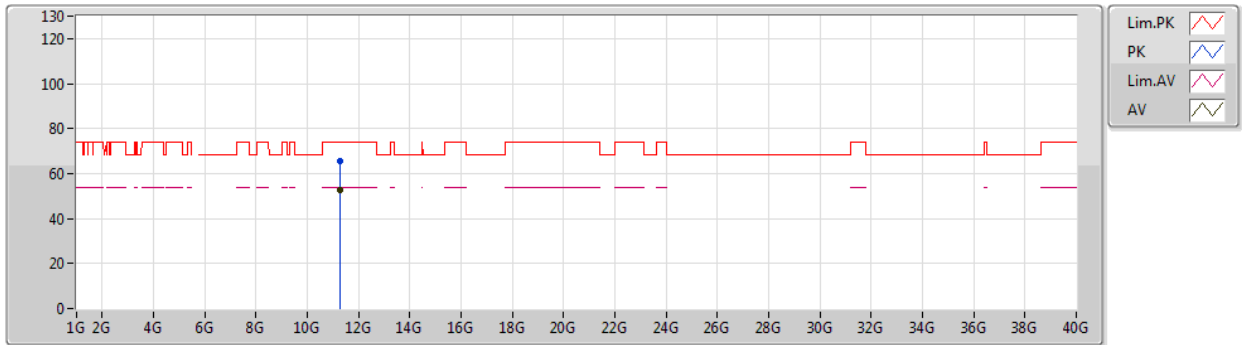


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.277565G	53.26	54.00	-0.74	-12.16	3	Vertical	329	1.39	-	65.42	11.58	7.40	31.14
PK	11.275968G	66.43	74.00	-7.57	-12.16	3	Vertical	329	1.39	-	78.59	11.58	7.40	31.14

802.11a_Nss1,(6Mbps)_4TX

21/12/2017

5640MHz_TX

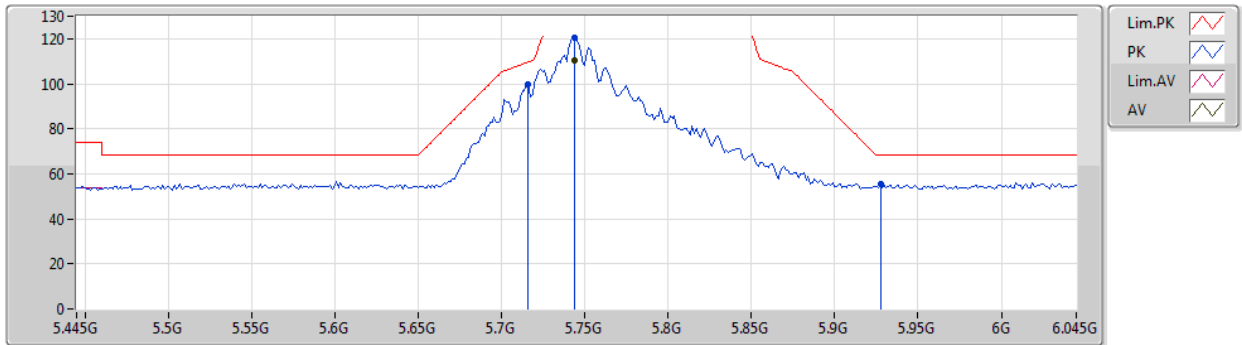


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.276966G	52.66	54.00	-1.34	-12.16	3	Horizontal	311	1.48	-	64.82	11.58	7.40	31.14
PK	11.276128G	65.81	74.00	-8.19	-12.16	3	Horizontal	311	1.48	-	77.97	11.58	7.40	31.14

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5745MHz_TX

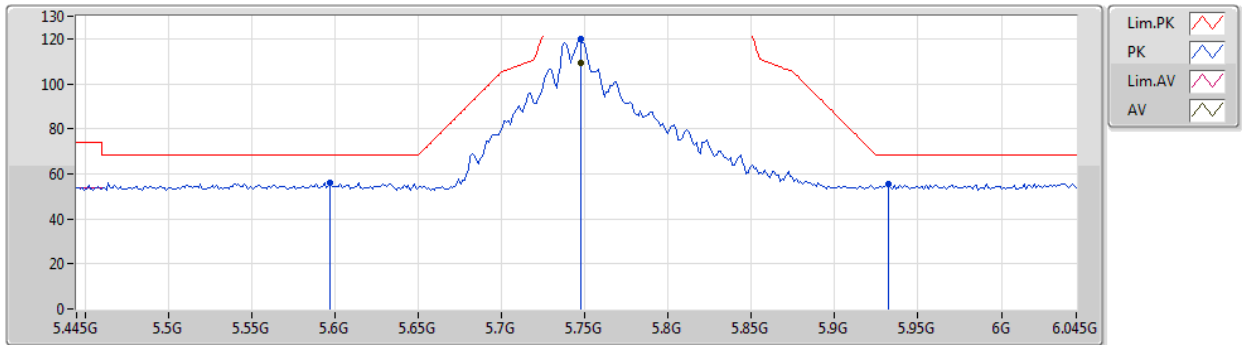


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7438G	110.65	Inf	-Inf	3.43	3	Vertical	185	1.28	-	107.22	32.19	5.85	34.61
PK	5.7162G	99.87	109.74	-9.87	3.37	3	Vertical	185	1.28	-	96.50	32.15	5.82	34.60
PK	5.7438G	120.65	Inf	-Inf	3.43	3	Vertical	185	1.28	-	117.22	32.19	5.85	34.61
PK	5.9274G	55.47	68.20	-12.73	3.80	3	Vertical	185	1.28	-	51.67	32.48	5.98	34.66

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5745MHz_TX

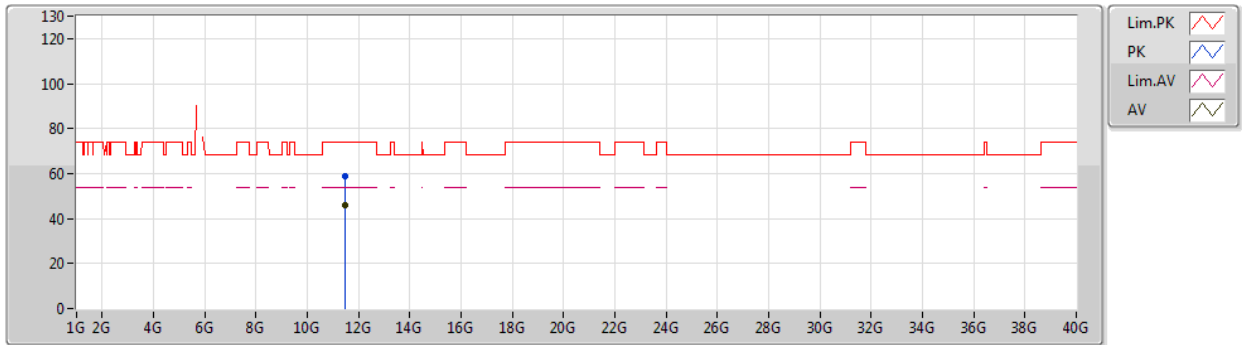


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	109.14	Inf	-Inf	3.44	3	Horizontal	199	1.50	-	105.70	32.20	5.85	34.61
PK	5.5974G	55.90	68.20	-12.30	3.13	3	Horizontal	199	1.50	-	52.77	31.96	5.74	34.57
PK	5.7474G	119.64	Inf	-Inf	3.44	3	Horizontal	199	1.50	-	116.20	32.20	5.85	34.61
PK	5.9322G	55.36	68.20	-12.84	3.81	3	Horizontal	199	1.50	-	51.55	32.49	5.98	34.66

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5745MHz_TX

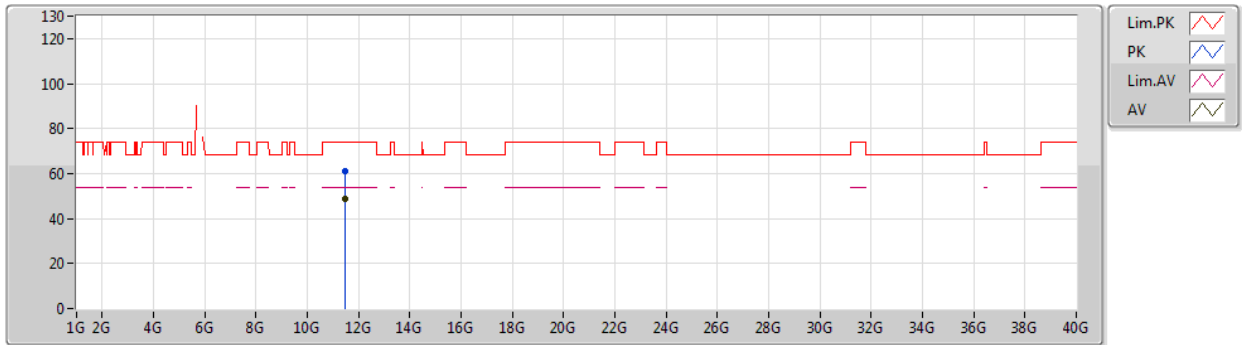


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.495629G	45.77	54.00	-8.23	-11.63	3	Vertical	318	1.99	-	57.40	12.01	7.47	31.11
PK	11.49495G	59.04	74.00	-14.96	-11.63	3	Vertical	318	1.99	-	70.67	12.01	7.47	31.11

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5745MHz_TX

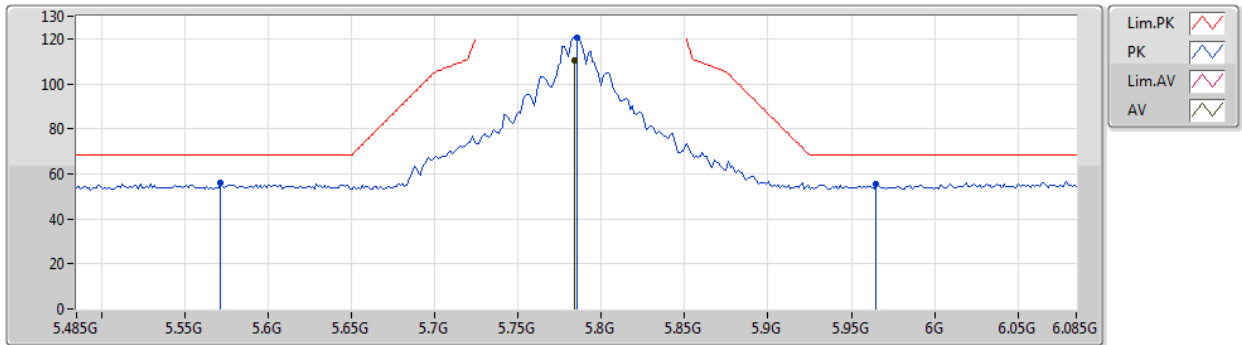


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.487485G	48.49	54.00	-5.51	-11.65	3	Horizontal	293	2.31	-	60.14	11.99	7.47	31.11
PK	11.486687G	60.92	74.00	-13.08	-11.65	3	Horizontal	293	2.31	-	72.57	11.99	7.47	31.11

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5785MHz_TX

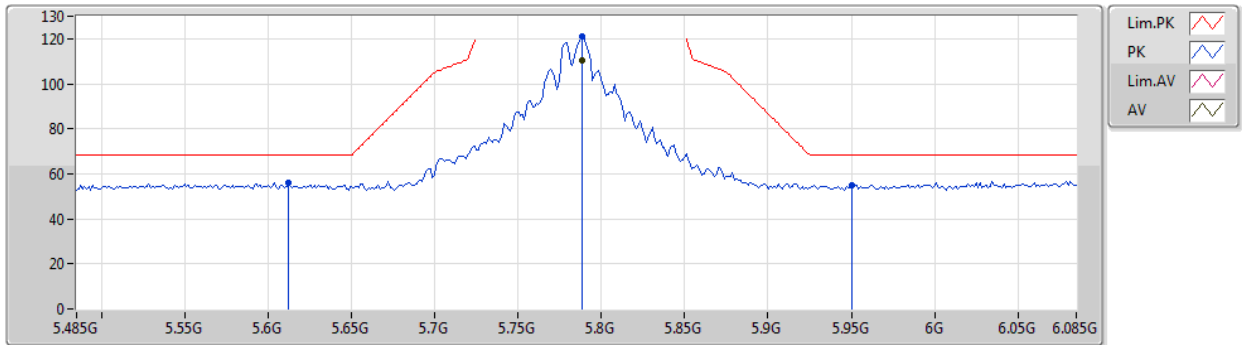


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	110.47	Inf	-Inf	3.51	3	Vertical	190	1.44	-	106.96	32.25	5.88	34.62
PK	5.5714G	56.21	68.20	-11.99	3.07	3	Vertical	190	1.44	-	53.14	31.91	5.72	34.56
PK	5.785G	120.65	Inf	-Inf	3.52	3	Vertical	190	1.44	-	117.13	32.26	5.88	34.62
PK	5.965G	55.27	68.20	-12.93	3.88	3	Vertical	190	1.44	-	51.39	32.54	6.01	34.67

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5785MHz_TX

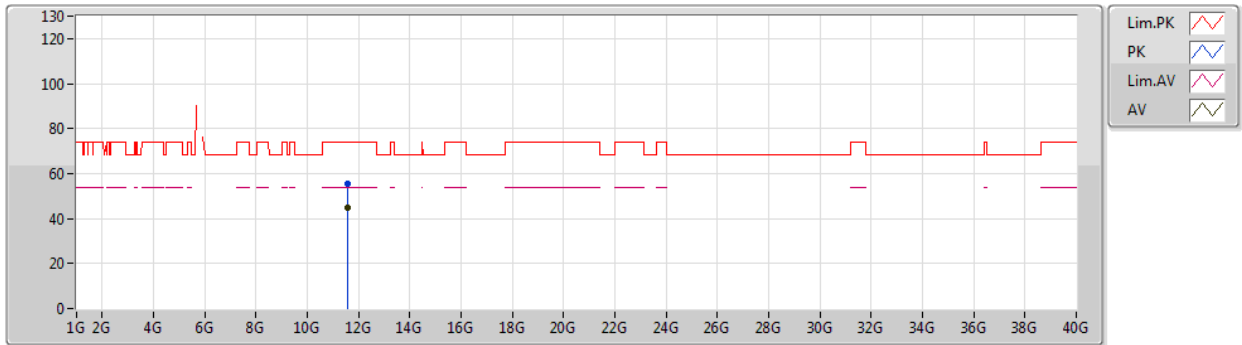


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	110.50	Inf	-Inf	3.52	3	Horizontal	198	1.54	-	106.98	32.26	5.88	34.62
PK	5.6122G	56.18	68.20	-12.02	3.16	3	Horizontal	198	1.54	-	53.02	31.98	5.75	34.57
PK	5.7886G	120.93	Inf	-Inf	3.52	3	Horizontal	198	1.54	-	117.41	32.26	5.88	34.62
PK	5.9506G	54.92	68.20	-13.28	3.85	3	Horizontal	198	1.54	-	51.07	32.52	6.00	34.67

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5785MHz_TX

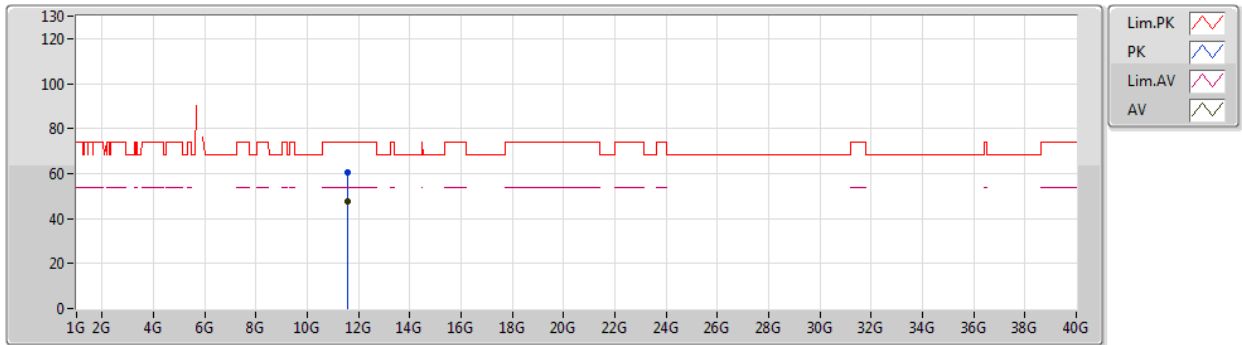


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.568164G	44.87	54.00	-9.13	-11.45	3	Vertical	47	1.34	-	56.32	12.15	7.50	31.10
PK	11.568084G	55.71	74.00	-18.29	-11.45	3	Vertical	47	1.34	-	67.16	12.15	7.50	31.10

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5785MHz_TX

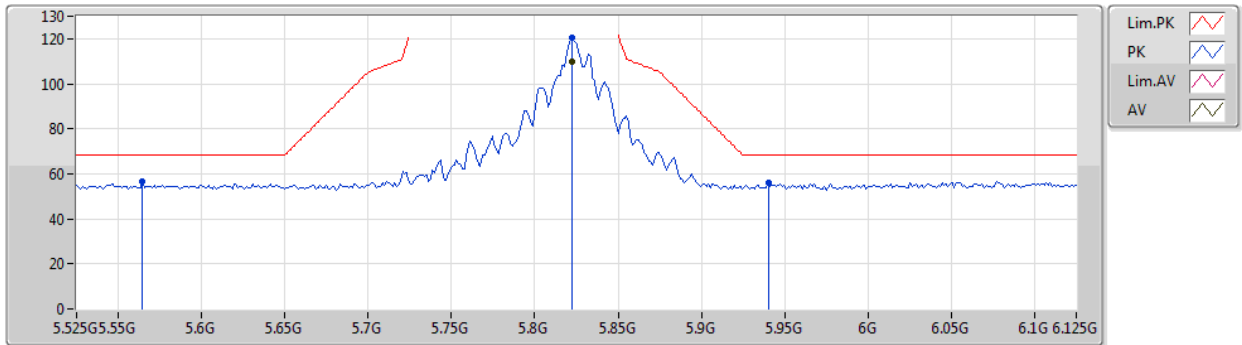


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.568244G	47.69	54.00	-6.31	-11.45	3	Horizontal	314	1.33	-	59.14	12.15	7.50	31.10
PK	11.569561G	60.40	74.00	-13.60	-11.45	3	Horizontal	314	1.33	-	71.85	12.15	7.50	31.10

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5825MHz_TX

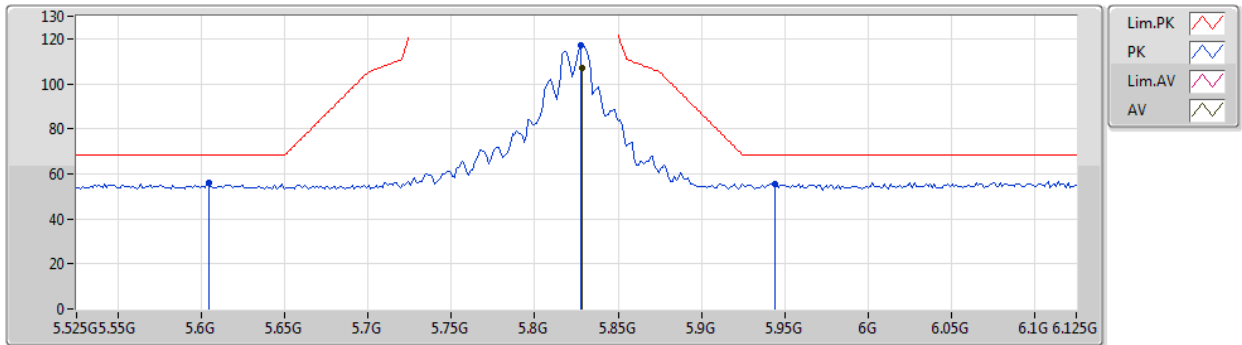


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	109.76	Inf	-Inf	3.60	3	Vertical	186	1.10	-	106.16	32.32	5.91	34.63
PK	5.5646G	56.44	68.20	-11.76	3.06	3	Vertical	186	1.10	-	53.38	31.90	5.72	34.56
PK	5.8226G	120.66	Inf	-Inf	3.60	3	Vertical	186	1.10	-	117.06	32.32	5.91	34.63
PK	5.9402G	55.77	68.20	-12.43	3.83	3	Vertical	186	1.10	-	51.94	32.50	5.99	34.66

802.11a_Nss1,(6Mbps)_4TX

20/12/2017

5825MHz_TX

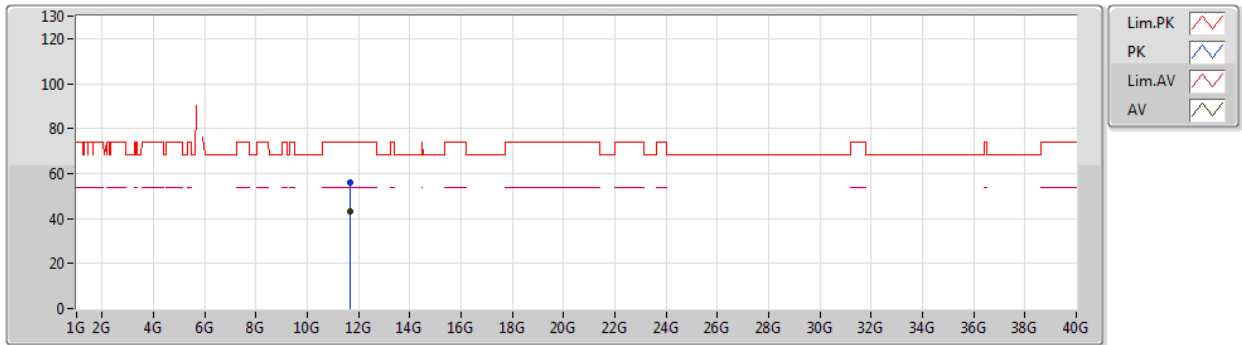


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8286G	107.27	Inf	-Inf	3.61	3	Horizontal	196	1.50	-	103.66	32.33	5.91	34.63
PK	5.6042G	55.79	68.20	-12.41	3.14	3	Horizontal	196	1.50	-	52.65	31.97	5.74	34.57
PK	5.8274G	117.20	Inf	-Inf	3.60	3	Horizontal	196	1.50	-	113.60	32.32	5.91	34.63
PK	5.9438G	55.66	68.20	-12.54	3.84	3	Horizontal	196	1.50	-	51.82	32.51	5.99	34.66

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5825MHz_TX

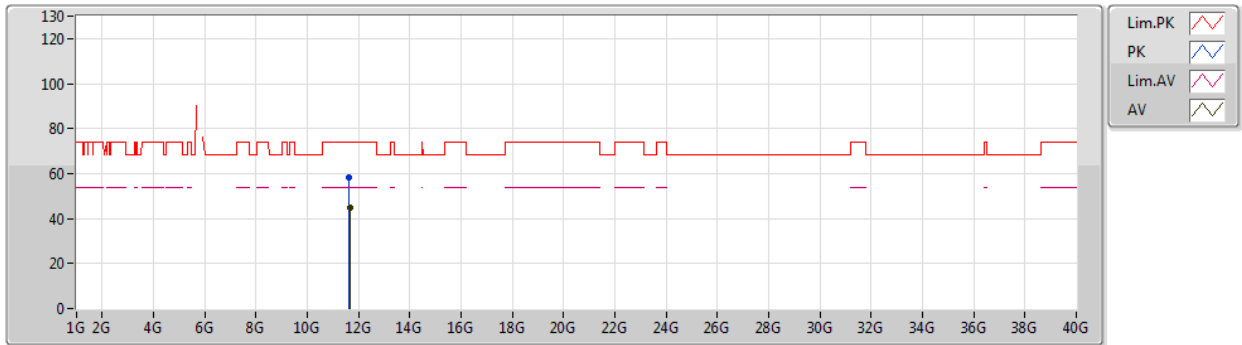


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.648084G	42.87	54.00	-11.13	-11.26	3	Vertical	47	1.31	-	54.13	12.31	7.52	31.09
PK	11.649202G	55.77	74.00	-18.23	-11.26	3	Vertical	47	1.31	-	67.03	12.31	7.52	31.09

802.11a_Nss1,(6Mbps)_4TX

22/12/2017

5825MHz_TX

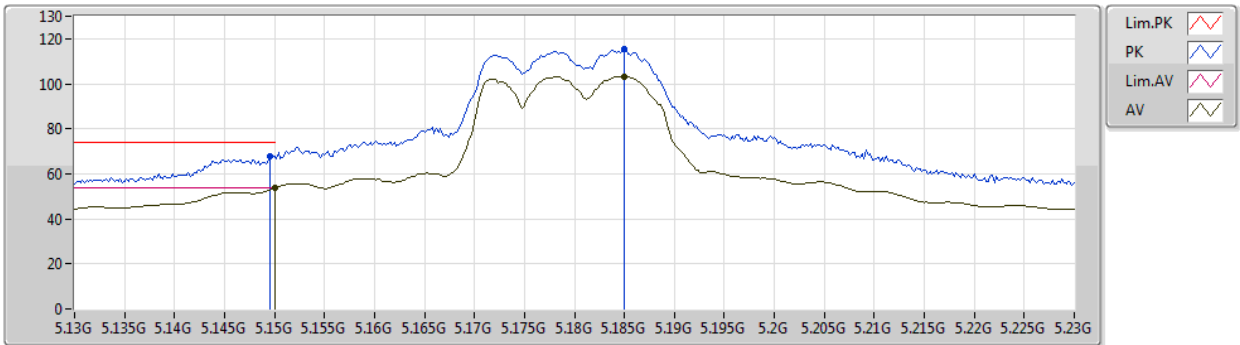


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.647685G	44.79	54.00	-9.21	-11.27	3	Horizontal	68	1.49	-	56.06	12.30	7.52	31.09
PK	11.647285G	58.37	74.00	-15.63	-11.27	3	Horizontal	68	1.49	-	69.64	12.30	7.52	31.09

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5180MHz_TX

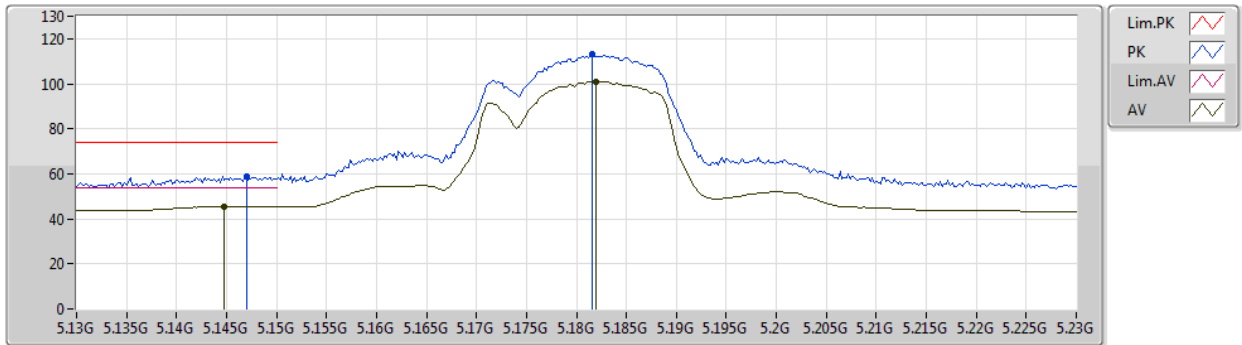


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.60	54.00	-0.40	2.73	3	Vertical	0	1.88	-	50.87	31.66	5.62	34.55
AV	5.185G	103.34	Inf	-Inf	2.75	3	Vertical	0	1.88	-	100.59	31.67	5.63	34.55
PK	5.1496G	68.08	74.00	-5.92	2.73	3	Vertical	0	1.88	-	65.35	31.66	5.62	34.55
PK	5.185G	115.36	Inf	-Inf	2.75	3	Vertical	0	1.88	-	112.61	31.67	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5180MHz_TX

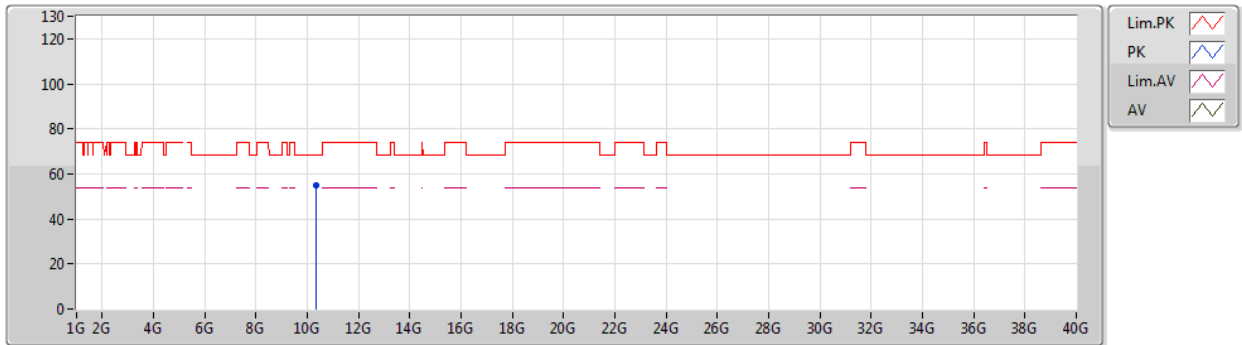


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	45.48	54.00	-8.52	2.73	3	Horizontal	8	1.61	-	42.75	31.66	5.62	34.55
AV	5.182G	100.93	Inf	-Inf	2.75	3	Horizontal	8	1.61	-	98.18	31.67	5.63	34.55
PK	5.147G	58.90	74.00	-15.10	2.73	3	Horizontal	8	1.61	-	56.17	31.66	5.62	34.55
PK	5.1816G	113.13	Inf	-Inf	2.75	3	Horizontal	8	1.61	-	110.38	31.67	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5180MHz_TX

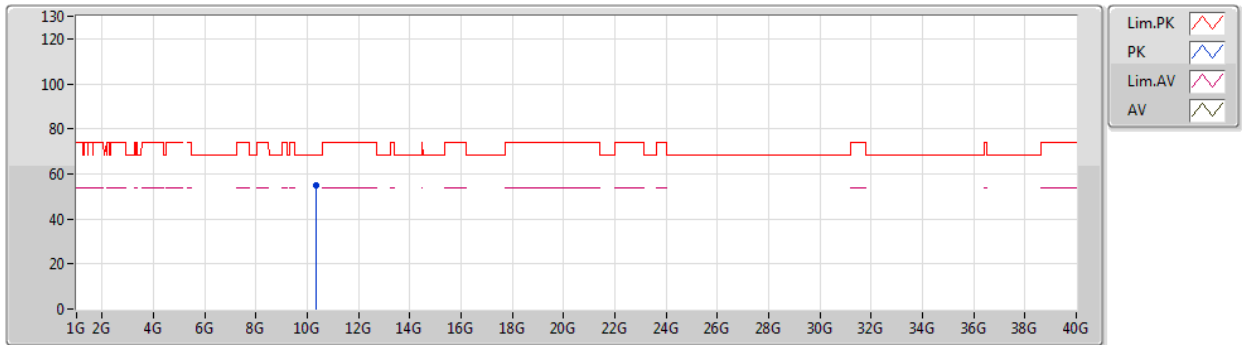


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.3557G	54.93	68.20	-13.27	12.32	3	Vertical	117	1.20	-	42.61	39.50	7.93	35.11

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5180MHz_TX

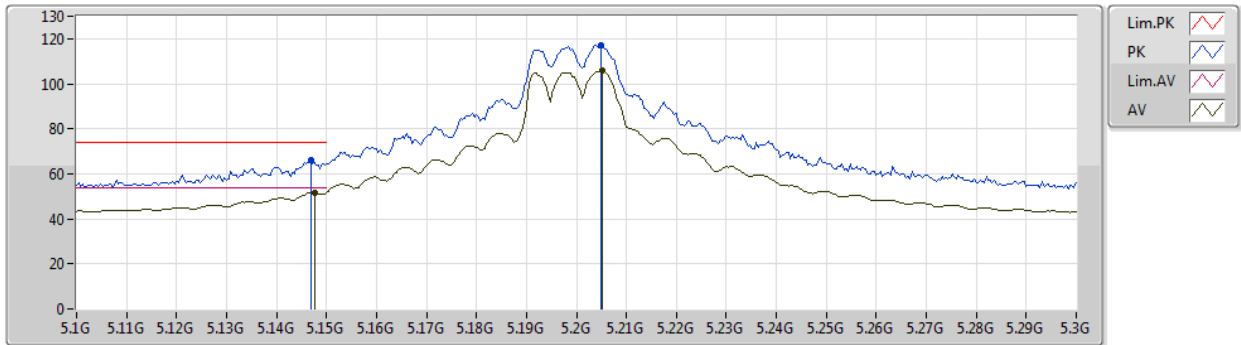


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.3556G	55.12	68.20	-13.08	12.32	3	Horizontal	199	1.72	-	42.80	39.50	7.93	35.11

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5200MHz_TX

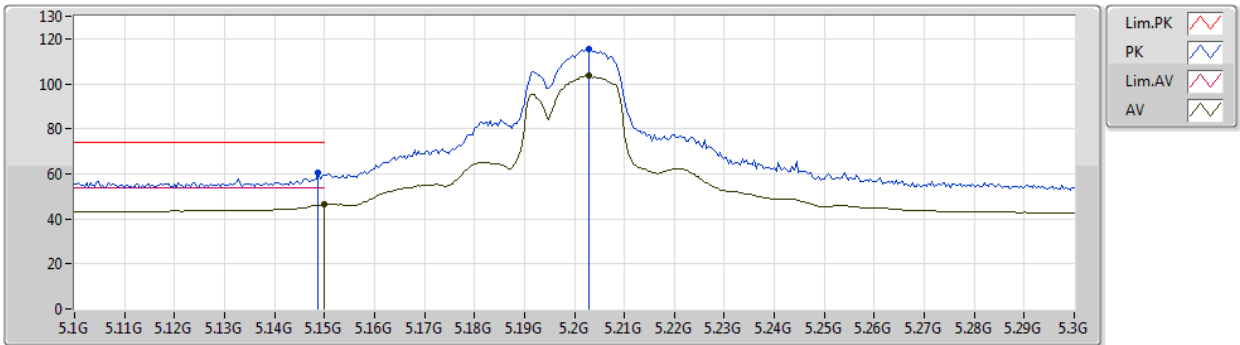


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	51.61	54.00	-2.39	2.73	3	Vertical	0	1.73	-	48.88	31.66	5.62	34.55
AV	5.2052G	105.68	Inf	-Inf	2.76	3	Vertical	0	1.73	-	102.92	31.68	5.63	34.55
PK	5.1468G	65.87	74.00	-8.13	2.73	3	Vertical	0	1.73	-	63.14	31.66	5.62	34.55
PK	5.2048G	116.96	Inf	-Inf	2.76	3	Vertical	0	1.73	-	114.20	31.68	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5200MHz_TX

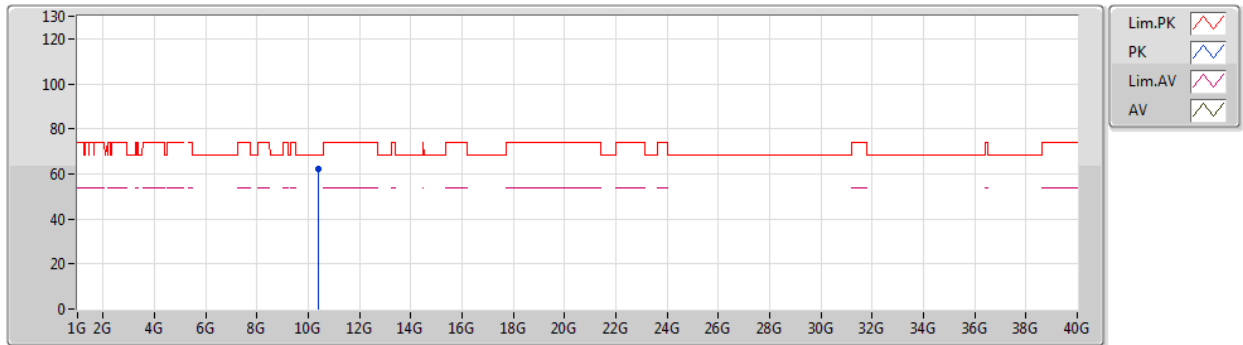


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	46.29	54.00	-7.71	2.73	3	Horizontal	8	1.74	-	43.56	31.66	5.62	34.55
AV	5.2028G	103.39	Inf	-Inf	2.76	3	Horizontal	8	1.74	-	100.63	31.68	5.63	34.55
PK	5.1488G	60.65	74.00	-13.35	2.73	3	Horizontal	8	1.74	-	57.92	31.66	5.62	34.55
PK	5.2028G	115.49	Inf	-Inf	2.76	3	Horizontal	8	1.74	-	112.73	31.68	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5200MHz_TX

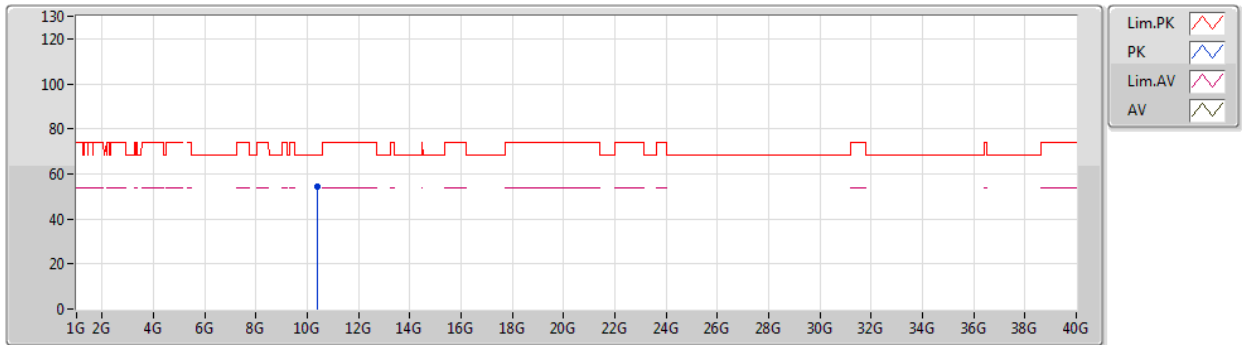


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.3975G	61.98	68.20	-6.22	12.44	3	Vertical	83	2.42	-	49.54	39.56	7.95	35.07

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5200MHz_TX

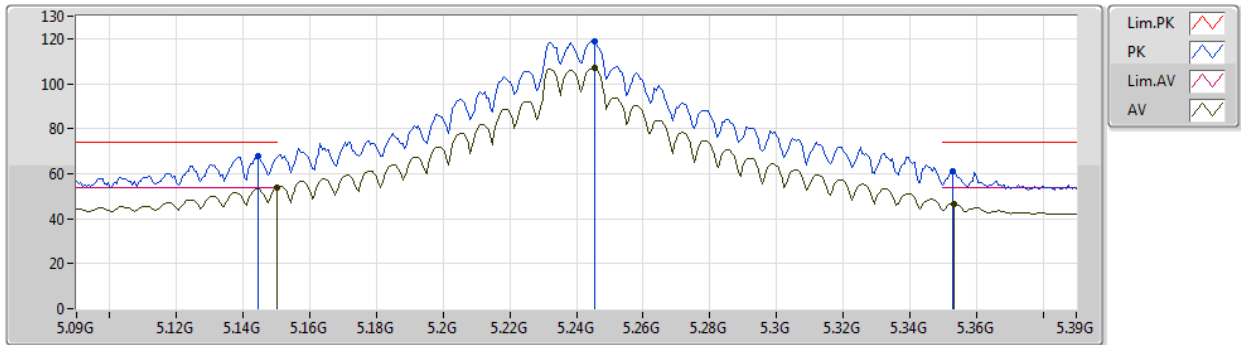


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.4154G	54.44	68.20	-13.76	12.48	3	Horizontal	165	1.11	-	41.96	39.58	7.96	35.06

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5240MHz_TX

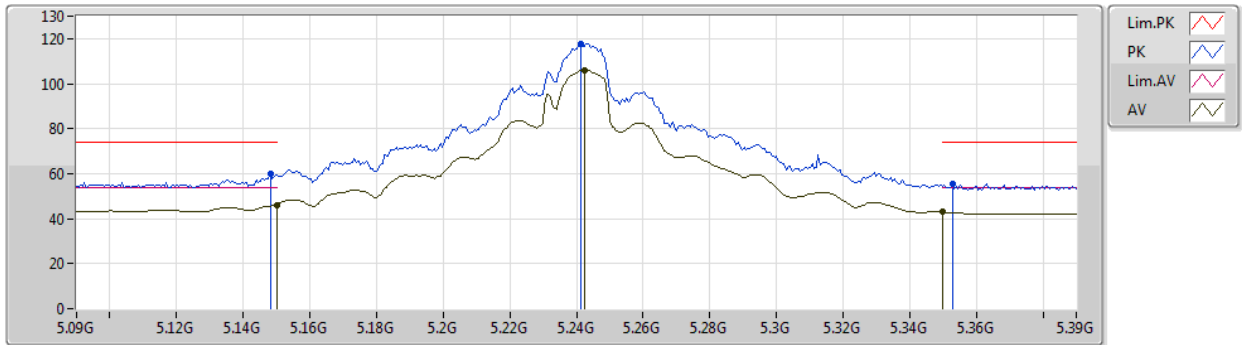


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.85	54.00	-0.15	2.73	3	Vertical	0	1.70	-	51.12	31.66	5.62	34.55
AV	5.2454G	107.29	Inf	-Inf	2.78	3	Vertical	0	1.70	-	104.51	31.70	5.63	34.55
AV	5.3534G	46.74	54.00	-7.26	2.85	3	Vertical	0	1.70	-	43.89	31.74	5.65	34.54
PK	5.1446G	67.59	74.00	-6.41	2.73	3	Vertical	0	1.70	-	64.86	31.66	5.62	34.55
PK	5.2454G	118.74	Inf	-Inf	2.78	3	Vertical	0	1.70	-	115.96	31.70	5.63	34.55
PK	5.3528G	61.01	74.00	-12.99	2.85	3	Vertical	0	1.70	-	58.16	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

19/12/2017

5240MHz_TX

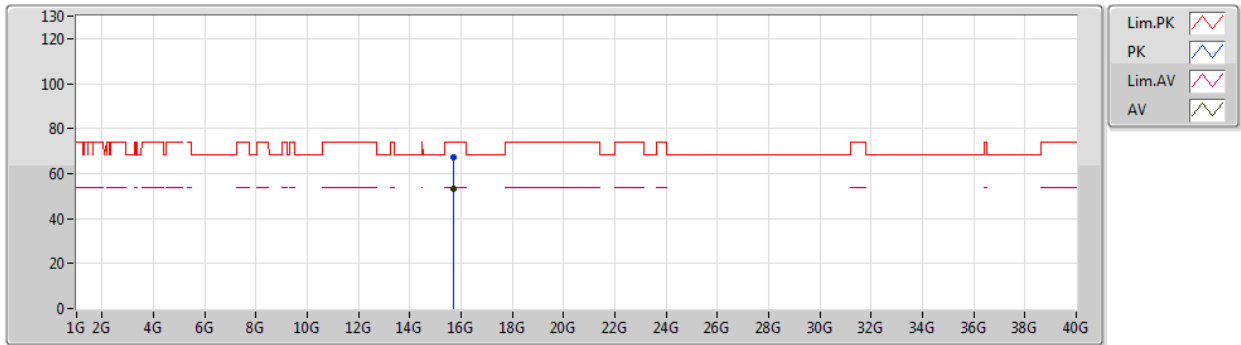


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	46.20	54.00	-7.80	2.73	3	Horizontal	5	1.49	-	43.47	31.66	5.62	34.55
AV	5.2424G	105.99	Inf	-Inf	2.78	3	Horizontal	5	1.49	-	103.21	31.70	5.63	34.55
AV	5.350005G	43.15	54.00	-10.85	2.85	3	Horizontal	5	1.49	-	40.30	31.74	5.65	34.54
PK	5.1482G	59.83	74.00	-14.17	2.73	3	Horizontal	5	1.49	-	57.10	31.66	5.62	34.55
PK	5.2412G	117.83	Inf	-Inf	2.78	3	Horizontal	5	1.49	-	115.05	31.70	5.63	34.55
PK	5.3528G	55.59	74.00	-18.41	2.85	3	Horizontal	5	1.49	-	52.74	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5240MHz_TX

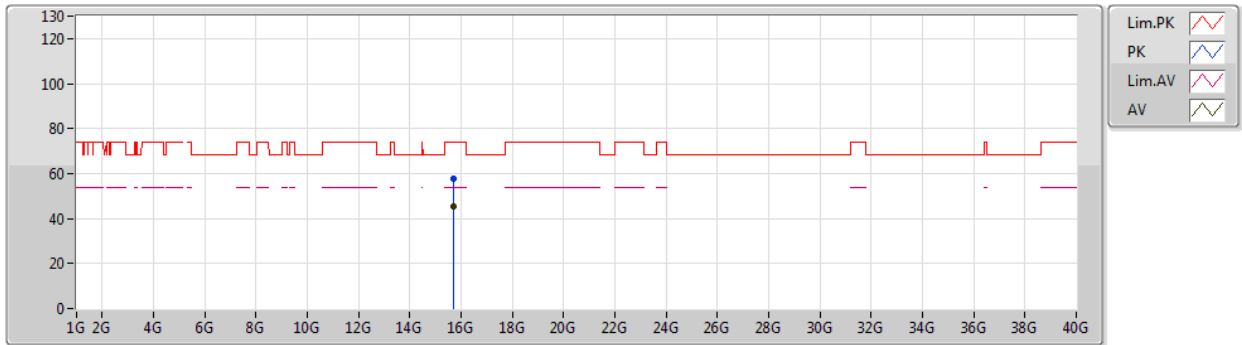


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7201G	53.21	54.00	-0.79	13.24	3	Vertical	343	1.25	-	39.97	38.16	10.00	34.92
PK	15.7198G	67.16	74.00	-6.84	13.24	3	Vertical	343	1.25	-	53.92	38.16	10.00	34.92

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5240MHz_TX

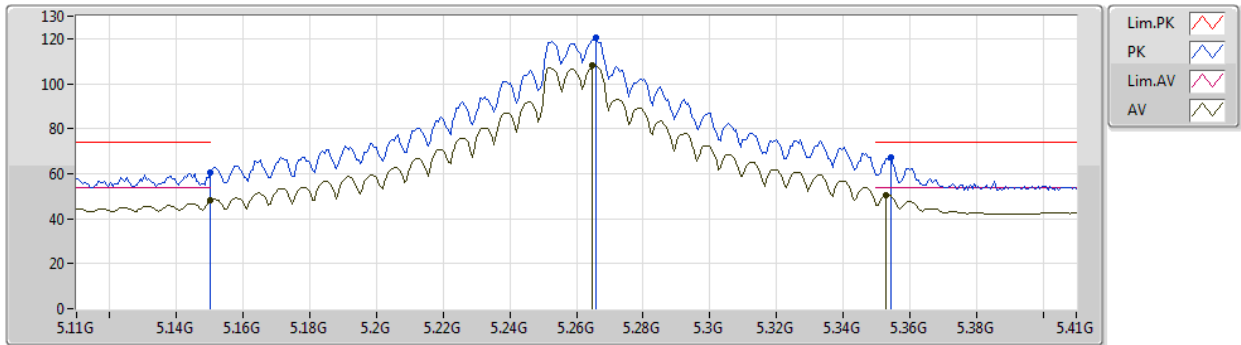


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7217G	45.50	54.00	-8.50	13.24	3	Horizontal	201	2.19	-	32.26	38.16	10.00	34.92
PK	15.7243G	57.98	74.00	-16.02	13.23	3	Horizontal	201	2.19	-	44.75	38.15	10.00	34.92

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5260MHz_TX

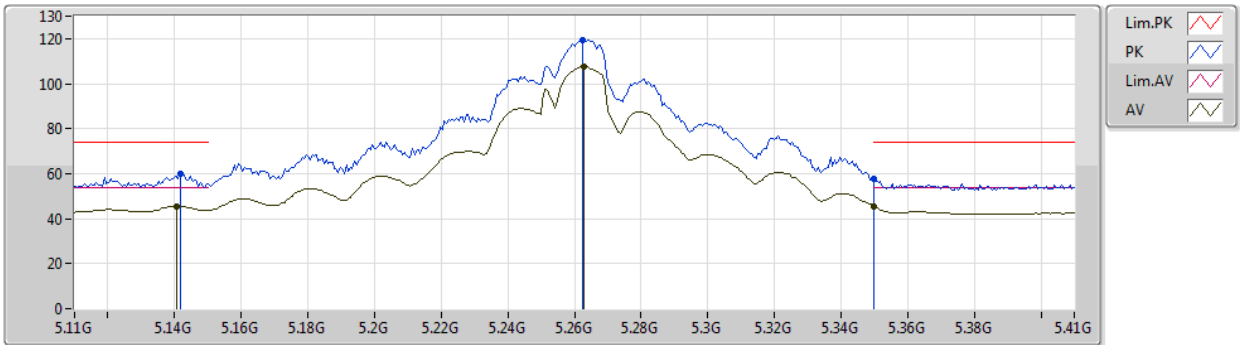


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	48.24	54.00	-5.76	2.73	3	Vertical	359	1.81	-	45.51	31.66	5.62	34.55
AV	5.2648G	108.03	Inf	-Inf	2.81	3	Vertical	359	1.81	-	105.22	31.71	5.64	34.54
AV	5.353G	50.50	54.00	-3.50	2.85	3	Vertical	359	1.81	-	47.65	31.74	5.65	34.54
PK	5.149995G	60.26	74.00	-13.74	2.73	3	Vertical	359	1.81	-	57.53	31.66	5.62	34.55
PK	5.266G	120.58	Inf	-Inf	2.81	3	Vertical	359	1.81	-	117.77	31.71	5.64	34.54
PK	5.3542G	67.27	74.00	-6.73	2.85	3	Vertical	359	1.81	-	64.42	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5260MHz_TX

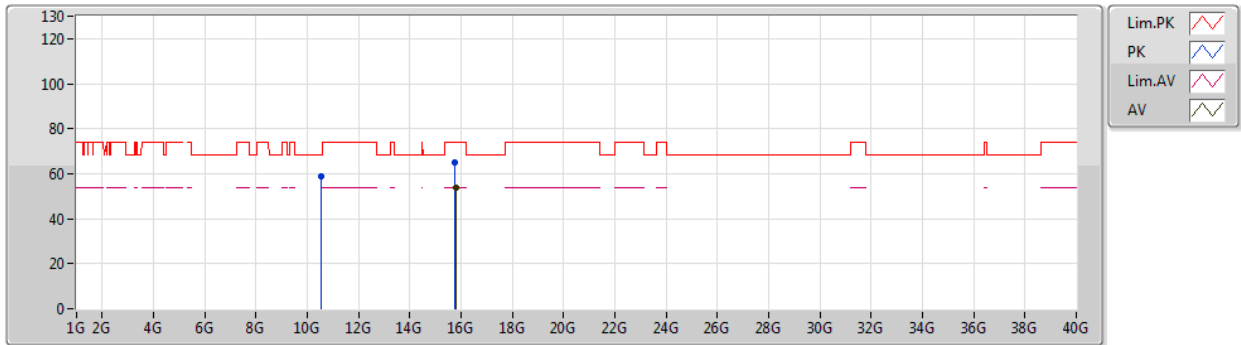


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1406G	45.58	54.00	-8.42	2.73	3	Horizontal	7	1.52	-	42.85	31.66	5.62	34.55
AV	5.263G	107.65	Inf	-Inf	2.81	3	Horizontal	7	1.52	-	104.84	31.71	5.64	34.54
AV	5.350005G	45.33	54.00	-8.67	2.85	3	Horizontal	7	1.52	-	42.48	31.74	5.65	34.54
PK	5.1418G	60.09	74.00	-13.91	2.73	3	Horizontal	7	1.52	-	57.36	31.66	5.62	34.55
PK	5.2624G	119.27	Inf	-Inf	2.80	3	Horizontal	7	1.52	-	116.47	31.70	5.64	34.54
PK	5.350005G	57.64	74.00	-16.36	2.85	3	Horizontal	7	1.52	-	54.79	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5260MHz_TX

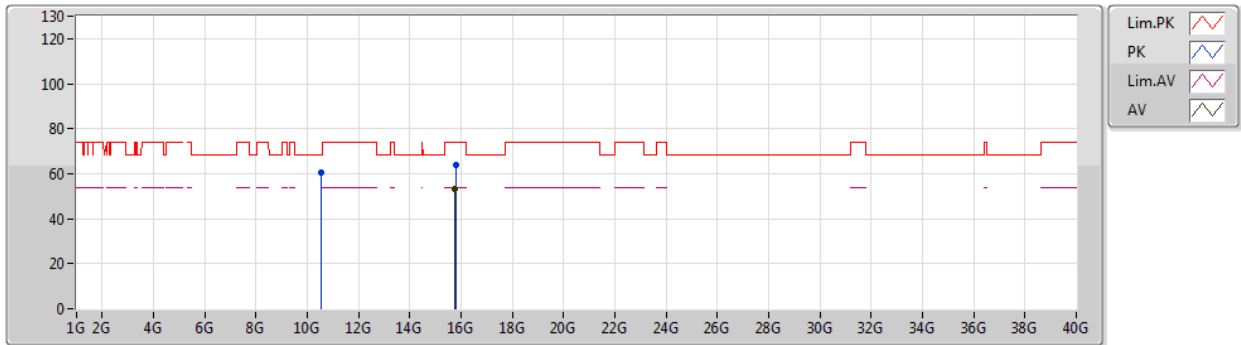


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7802G	53.81	54.00	-0.19	23.38	3	Vertical	53	1.46	-	30.43	38.05	21.03	35.70
PK	10.52894G	58.85	68.20	-9.35	18.97	3	Vertical	24	1.50	-	39.88	39.64	15.03	35.70
PK	15.7749G	64.91	74.00	-9.09	23.39	3	Vertical	53	1.46	-	41.52	38.07	21.02	35.70

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5260MHz_TX

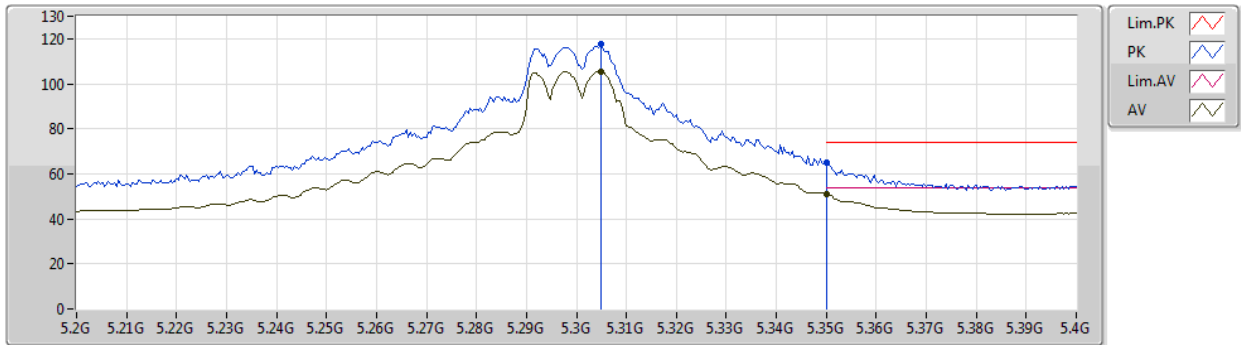


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7779G	53.15	54.00	-0.85	23.38	3	Horizontal	44	1.50	-	29.77	38.06	21.02	35.70
PK	10.53044G	60.43	68.20	-7.77	18.98	3	Horizontal	318	1.58	-	41.45	39.64	15.03	35.69
PK	15.7793G	63.97	74.00	-10.03	23.37	3	Horizontal	44	1.50	-	40.60	38.05	21.02	35.70

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5300MHz_TX

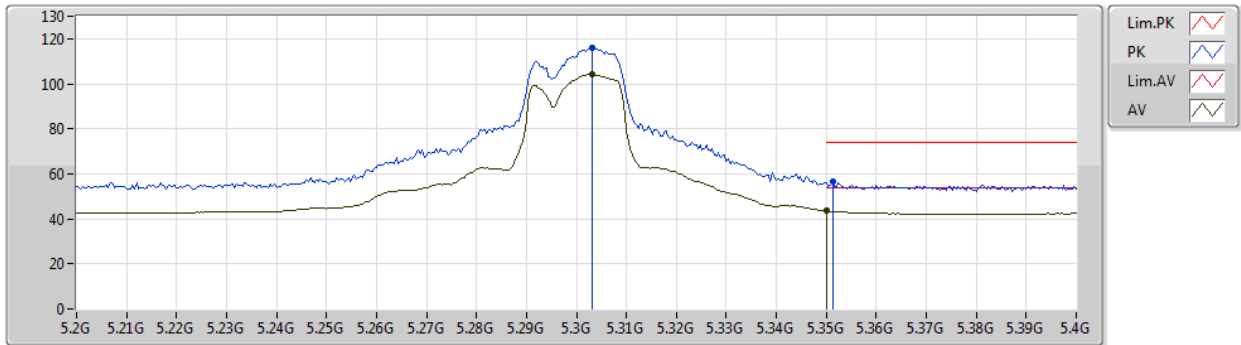


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3048G	105.35	Inf	-Inf	2.82	3	Vertical	0	2.08	-	102.53	31.72	5.64	34.54
AV	5.350005G	50.99	54.00	-3.01	2.85	3	Vertical	0	2.08	-	48.14	31.74	5.65	34.54
PK	5.3048G	117.59	Inf	-Inf	2.82	3	Vertical	0	2.08	-	114.77	31.72	5.64	34.54
PK	5.350005G	64.86	74.00	-9.14	2.85	3	Vertical	0	2.08	-	62.01	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5300MHz_TX

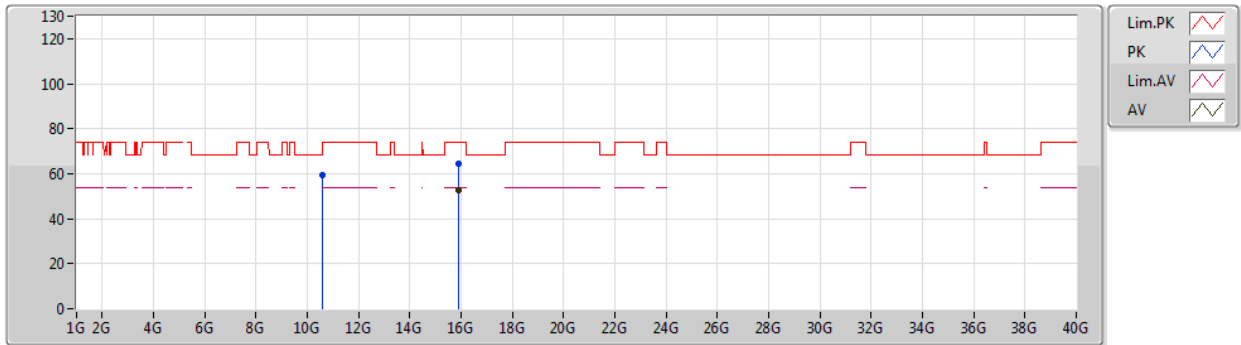


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3032G	104.12	Inf	-Inf	2.82	3	Horizontal	8	1.98	-	101.30	31.72	5.64	34.54
AV	5.350005G	43.45	54.00	-10.55	2.85	3	Horizontal	8	1.98	-	40.60	31.74	5.65	34.54
PK	5.3032G	115.81	Inf	-Inf	2.82	3	Horizontal	8	1.98	-	112.99	31.72	5.64	34.54
PK	5.3512G	56.74	74.00	-17.26	2.85	3	Horizontal	8	1.98	-	53.89	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5300MHz_TX

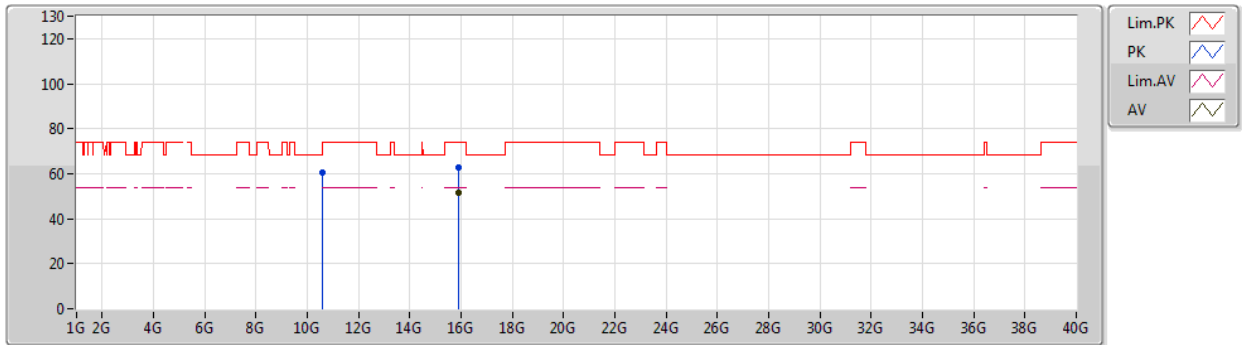


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89406G	52.54	54.00	-1.46	22.99	3	Vertical	54	1.44	-	29.55	37.66	21.16	35.83
PK	10.59322G	59.22	68.20	-8.98	19.18	3	Vertical	24	1.61	-	40.04	39.73	15.10	35.65
PK	15.8946G	64.25	74.00	-9.75	22.99	3	Vertical	54	1.44	-	41.26	37.66	21.16	35.83

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5300MHz_TX

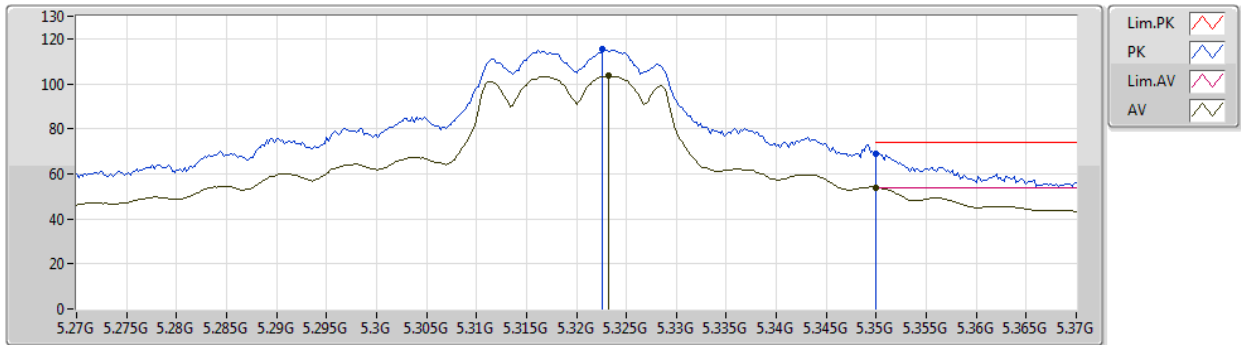


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8999G	51.50	54.00	-2.50	22.96	3	Horizontal	45	1.68	-	28.54	37.64	21.16	35.84
PK	10.59844G	60.43	68.20	-7.77	19.20	3	Horizontal	322	1.41	-	41.23	39.74	15.11	35.65
PK	15.9059G	62.49	74.00	-11.51	22.95	3	Horizontal	45	1.68	-	39.54	37.62	21.17	35.84

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5320MHz_TX

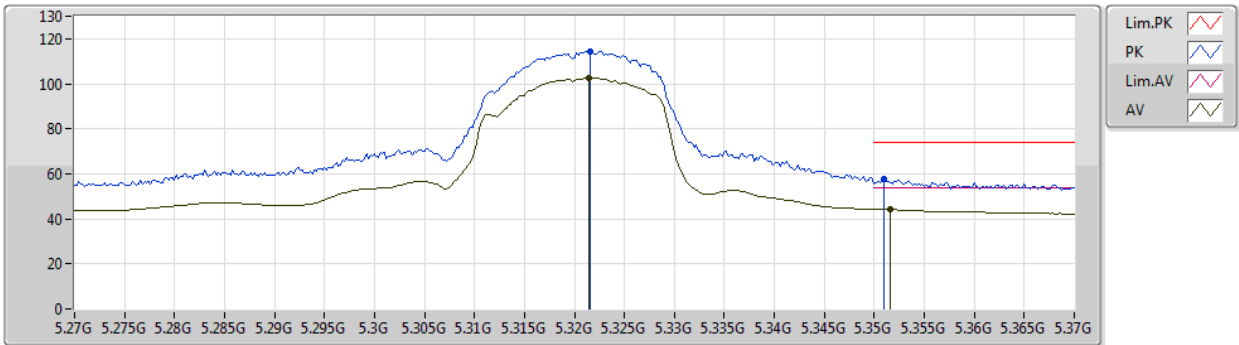


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3232G	103.79	Inf	-Inf	2.83	3	Vertical	0	1.63	-	100.96	31.73	5.64	34.54
AV	5.350005G	53.85	54.00	-0.15	2.85	3	Vertical	0	1.63	-	51.00	31.74	5.65	34.54
PK	5.3226G	115.34	Inf	-Inf	2.83	3	Vertical	0	1.63	-	112.51	31.73	5.64	34.54
PK	5.350005G	68.97	74.00	-5.03	2.85	3	Vertical	0	1.63	-	66.12	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5320MHz_TX

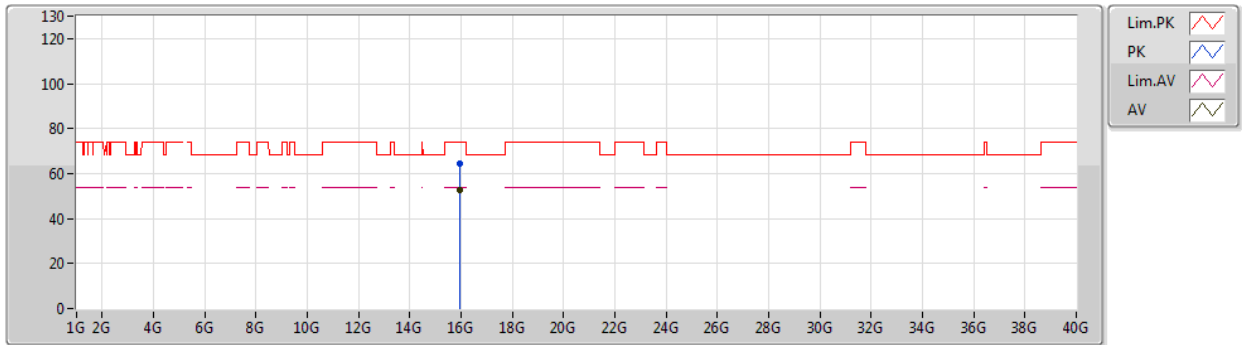


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3214G	102.59	Inf	-Inf	2.83	3	Horizontal	9	1.64	-	99.76	31.73	5.64	34.54
AV	5.3516G	44.10	54.00	-9.90	2.85	3	Horizontal	9	1.64	-	41.25	31.74	5.65	34.54
PK	5.3216G	114.44	Inf	-Inf	2.83	3	Horizontal	9	1.64	-	111.61	31.73	5.64	34.54
PK	5.351G	57.52	74.00	-16.48	2.85	3	Horizontal	9	1.64	-	54.67	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5320MHz_TX

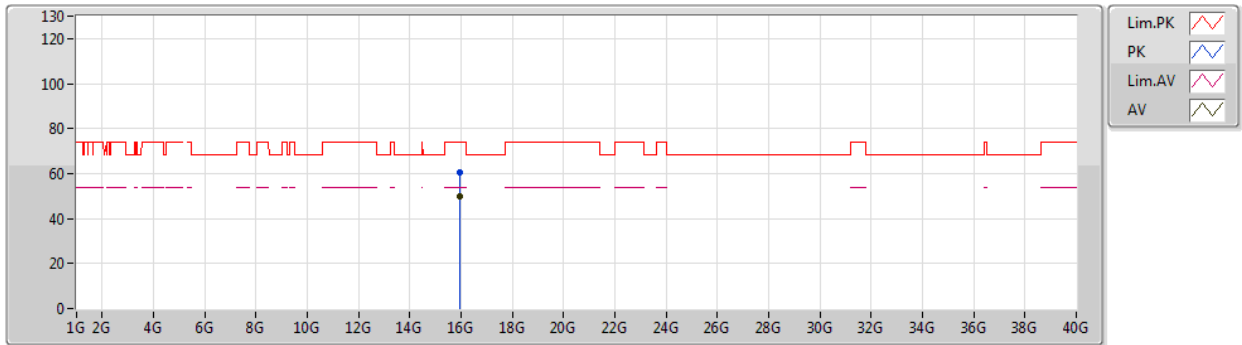


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9661G	52.57	54.00	-1.43	22.75	3	Vertical	342	1.05	-	29.82	37.42	21.24	35.91
PK	15.9661G	64.69	74.00	-9.31	22.75	3	Vertical	342	1.05	-	41.94	37.42	21.24	35.91

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5320MHz_TX

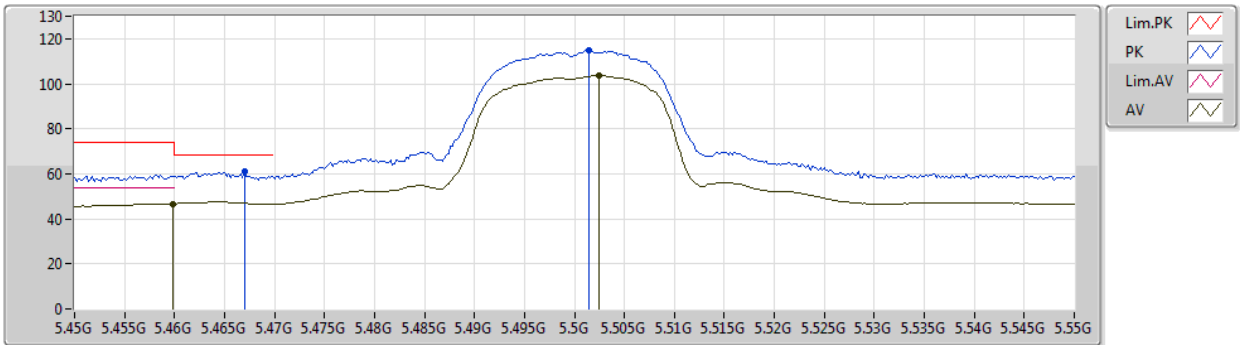


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.96072G	50.10	54.00	-3.90	22.75	3	Horizontal	45	1.50	-	27.35	37.43	21.23	35.91
PK	15.96594G	60.75	74.00	-13.25	22.75	3	Horizontal	45	1.50	-	38.00	37.42	21.24	35.91

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5500MHz_TX

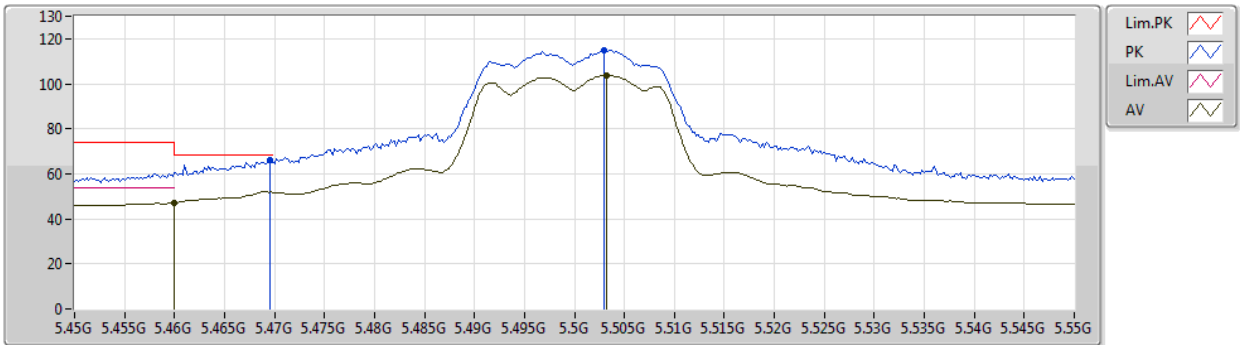


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4598G	46.76	54.00	-7.24	2.91	3	Vertical	180	1.70	-	43.85	31.78	5.67	34.54
AV	5.5024G	103.55	Inf	-Inf	2.93	3	Vertical	180	1.70	-	100.62	31.80	5.67	34.54
PK	5.467G	60.86	68.20	-7.34	2.92	3	Vertical	180	1.70	-	57.94	31.79	5.67	34.54
PK	5.5014G	114.85	Inf	-Inf	2.93	3	Vertical	180	1.70	-	111.92	31.80	5.67	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5500MHz_TX

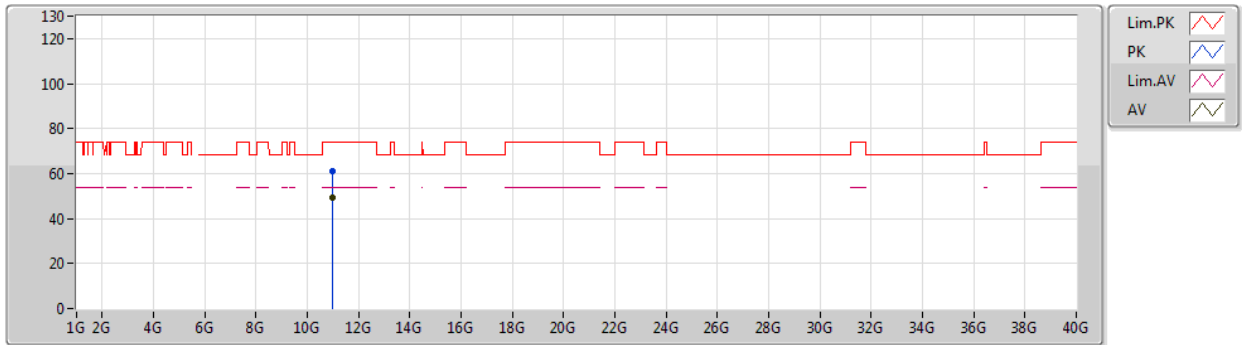


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	47.08	54.00	-6.92	2.91	3	Horizontal	196	1.95	-	44.17	31.78	5.67	34.54
AV	5.5032G	103.84	Inf	-Inf	2.94	3	Horizontal	196	1.95	-	100.90	31.81	5.67	34.54
PK	5.4696G	66.06	68.20	-2.14	2.92	3	Horizontal	196	1.95	-	63.14	31.79	5.67	34.54
PK	5.503G	114.66	Inf	-Inf	2.93	3	Horizontal	196	1.95	-	111.73	31.80	5.67	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5500MHz_TX

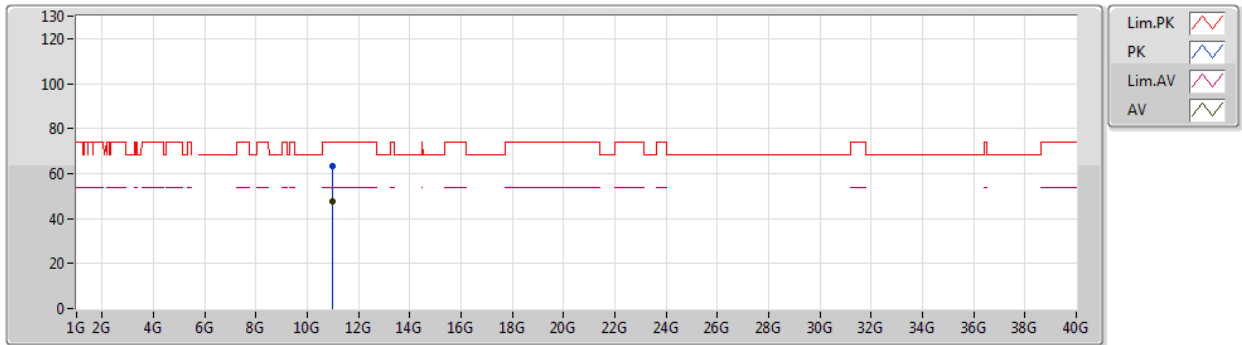


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.998643G	49.09	54.00	-4.91	-12.82	3	Vertical	0	1.43	-	61.91	11.04	7.31	31.17
PK	11.002236G	61.23	74.00	-12.77	-12.82	3	Vertical	0	1.43	-	74.05	11.04	7.31	31.17

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5500MHz_TX

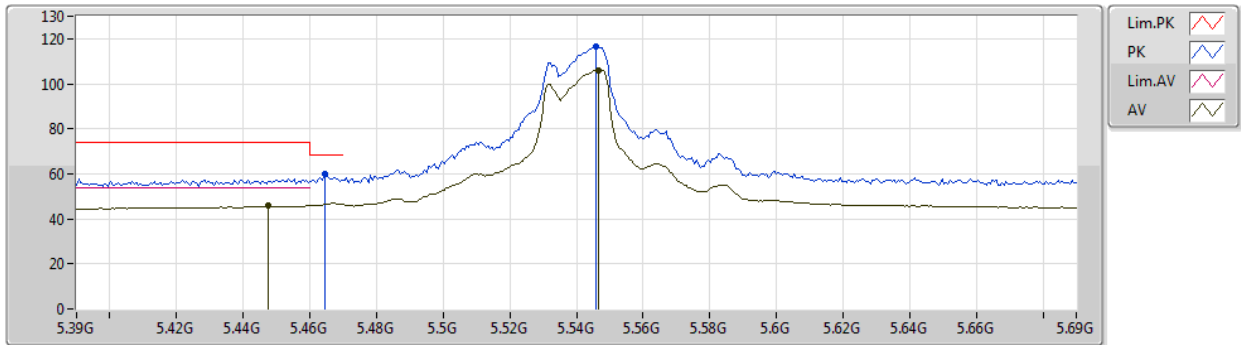


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.005709G	47.83	54.00	-6.17	-12.81	3	Horizontal	144	1.56	-	60.64	11.05	7.31	31.17
PK	11.00491G	63.13	74.00	-10.87	-12.81	3	Horizontal	144	1.56	-	75.94	11.05	7.31	31.17

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5540MHz_TX

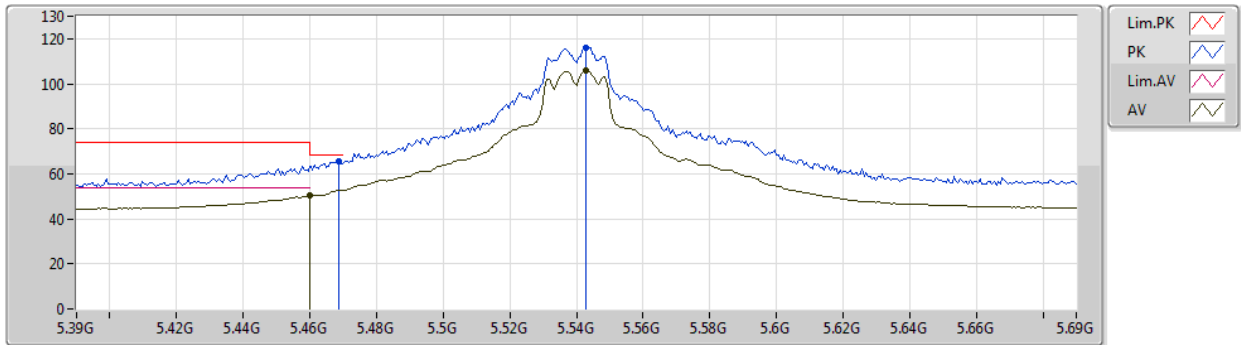


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4476G	45.78	54.00	-8.22	2.90	3	Vertical	177	2.11	-	42.88	31.78	5.66	34.54
AV	5.5466G	105.82	Inf	-Inf	3.02	3	Vertical	177	2.11	-	102.80	31.87	5.70	34.55
PK	5.4644G	59.76	68.20	-8.44	2.92	3	Vertical	177	2.11	-	56.84	31.79	5.67	34.54
PK	5.546G	116.45	Inf	-Inf	3.02	3	Vertical	177	2.11	-	113.43	31.87	5.70	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5540MHz_TX

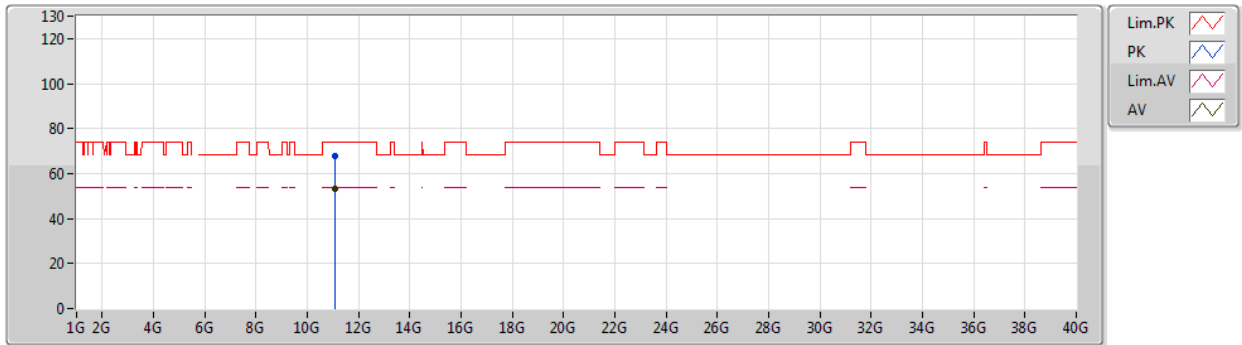


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.459995G	50.38	54.00	-3.62	2.91	3	Horizontal	189	1.72	-	47.47	31.78	5.67	34.54
AV	5.543G	105.63	Inf	-Inf	3.02	3	Horizontal	189	1.72	-	102.61	31.87	5.70	34.55
PK	5.4686G	65.42	68.20	-2.78	2.92	3	Horizontal	189	1.72	-	62.50	31.79	5.67	34.54
PK	5.543G	115.89	Inf	-Inf	3.02	3	Horizontal	189	1.72	-	112.87	31.87	5.70	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5540MHz_TX

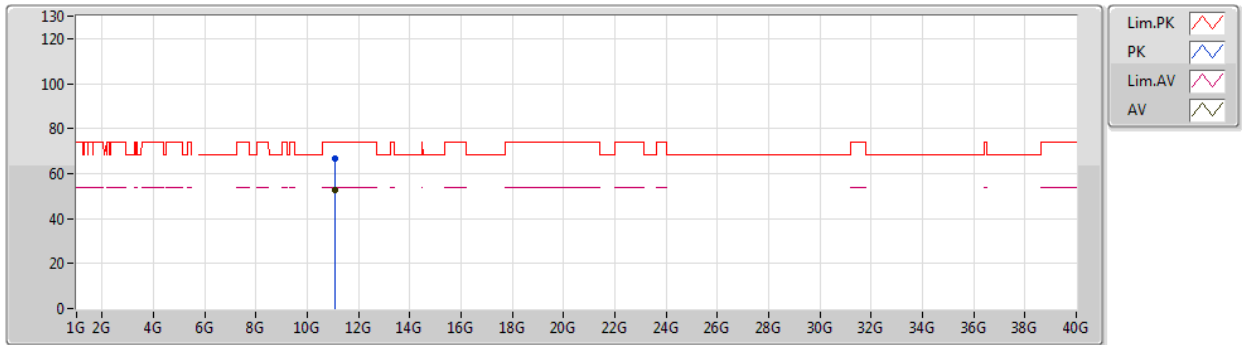


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.074331G	53.44	54.00	-0.56	-12.65	3	Vertical	355	1.39	-	66.09	11.18	7.33	31.16
PK	11.075569G	67.56	74.00	-6.44	-12.64	3	Vertical	355	1.39	-	80.20	11.19	7.33	31.16

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5540MHz_TX

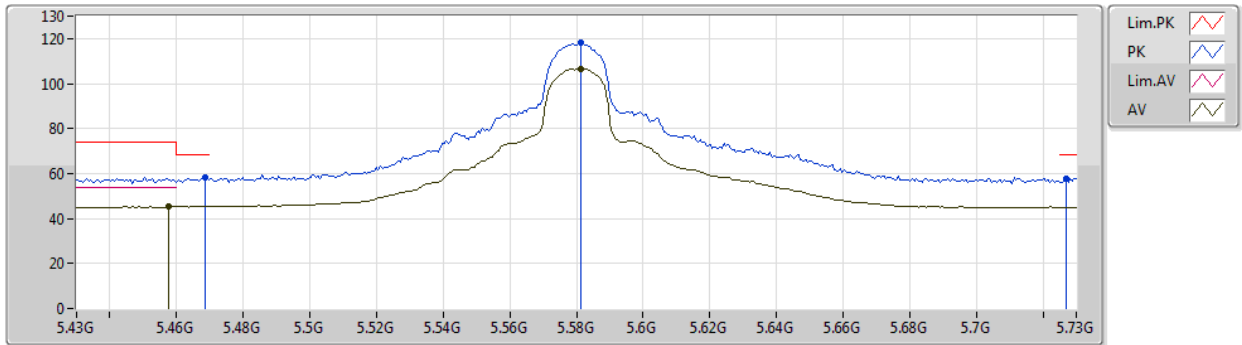


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.081956G	52.67	54.00	-1.33	-12.62	3	Horizontal	145	1.57	-	65.29	11.20	7.34	31.16
PK	11.082435G	66.66	74.00	-7.34	-12.62	3	Horizontal	145	1.57	-	79.28	11.20	7.34	31.16

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5580MHz_TX

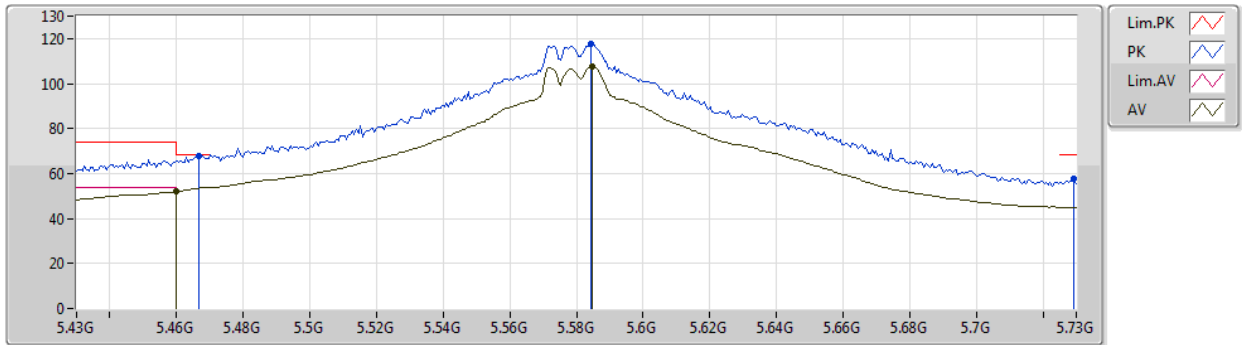


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4576G	45.23	54.00	-8.77	2.91	3	Vertical	179	1.49	-	42.32	31.78	5.67	34.54
AV	5.5812G	106.74	Inf	-Inf	3.10	3	Vertical	179	1.49	-	103.64	31.93	5.73	34.56
PK	5.4684G	58.12	68.20	-10.08	2.92	3	Vertical	179	1.49	-	55.20	31.79	5.67	34.54
PK	5.5812G	118.22	Inf	-Inf	3.10	3	Vertical	179	1.49	-	115.12	31.93	5.73	34.56
PK	5.727G	57.93	68.20	-10.27	3.38	3	Vertical	179	1.49	-	54.55	32.16	5.83	34.61

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5580MHz_TX

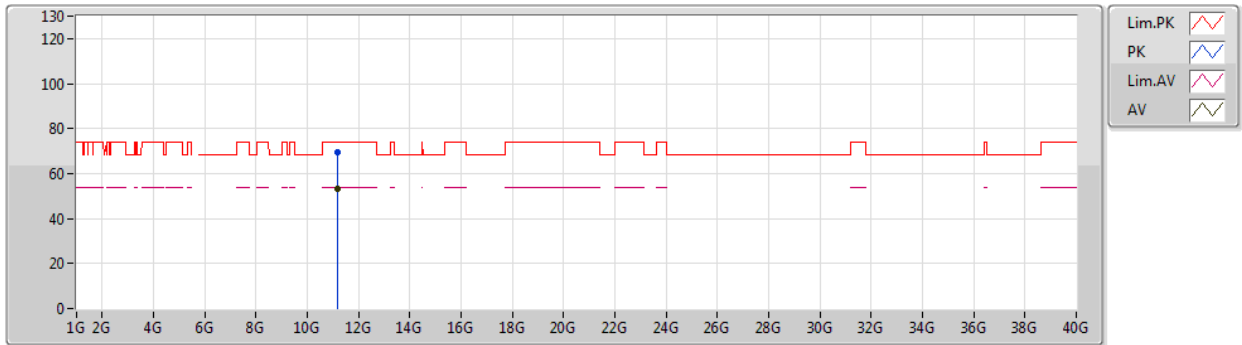


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	51.95	54.00	-2.05	2.91	3	Horizontal	200	1.93	-	49.04	31.78	5.67	34.54
AV	5.5848G	107.63	Inf	-Inf	3.10	3	Horizontal	200	1.93	-	104.53	31.94	5.73	34.57
PK	5.4666G	67.84	68.20	-0.36	2.92	3	Horizontal	200	1.93	-	64.92	31.79	5.67	34.54
PK	5.5842G	117.43	Inf	-Inf	3.09	3	Horizontal	200	1.93	-	114.34	31.93	5.73	34.57
PK	5.7294G	57.86	68.20	-10.34	3.39	3	Horizontal	200	1.93	-	54.47	32.17	5.83	34.61

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5580MHz_TX

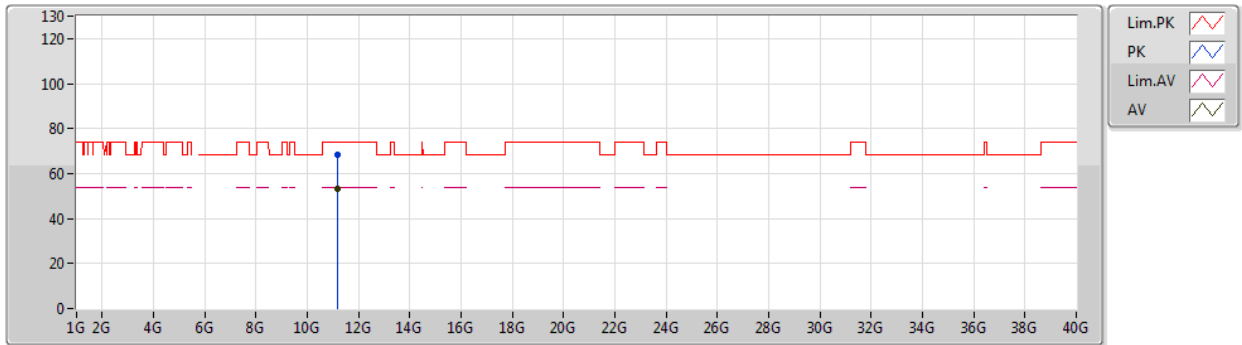


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.158323G	53.24	54.00	-0.76	-12.44	3	Vertical	329	1.51	-	65.68	11.35	7.36	31.15
PK	11.157764G	69.44	74.00	-4.56	-12.44	3	Vertical	329	1.51	-	81.88	11.35	7.36	31.15

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5580MHz_TX

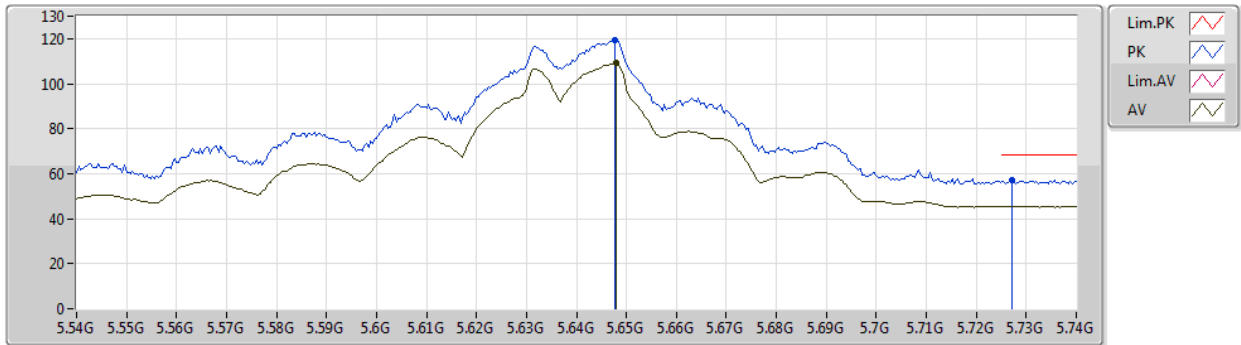


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.156846G	53.39	54.00	-0.61	-12.45	3	Horizontal	61	1.47	-	65.84	11.34	7.36	31.15
PK	11.157605G	68.46	74.00	-5.54	-12.44	3	Horizontal	61	1.47	-	80.90	11.35	7.36	31.15

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5640MHz_TX

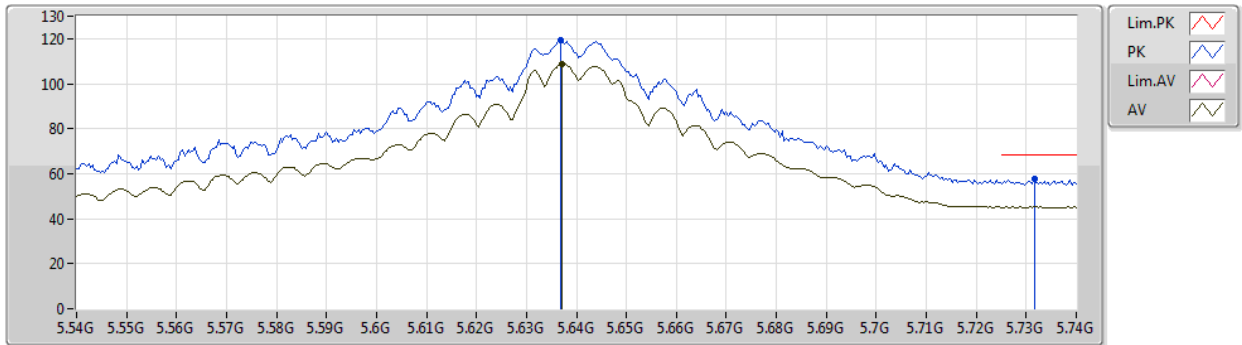


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.648G	109.26	Inf	-Inf	3.23	3	Vertical	181	2.11	-	106.03	32.04	5.77	34.58
PK	5.6476G	119.32	Inf	-Inf	3.23	3	Vertical	181	2.11	-	116.09	32.04	5.77	34.58
PK	5.7272G	57.17	68.20	-11.03	3.38	3	Vertical	181	2.11	-	53.79	32.16	5.83	34.61

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5640MHz_TX

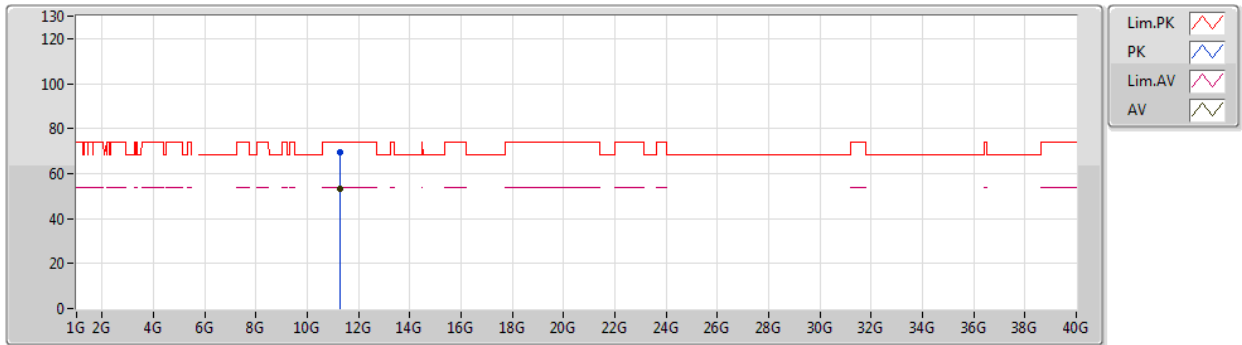


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6372G	108.60	Inf	-Inf	3.21	3	Horizontal	207	1.68	-	105.39	32.02	5.77	34.58
PK	5.6368G	119.22	Inf	-Inf	3.21	3	Horizontal	207	1.68	-	116.01	32.02	5.77	34.58
PK	5.7316G	57.48	68.20	-10.72	3.40	3	Horizontal	207	1.68	-	54.08	32.17	5.84	34.61

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5640MHz_TX

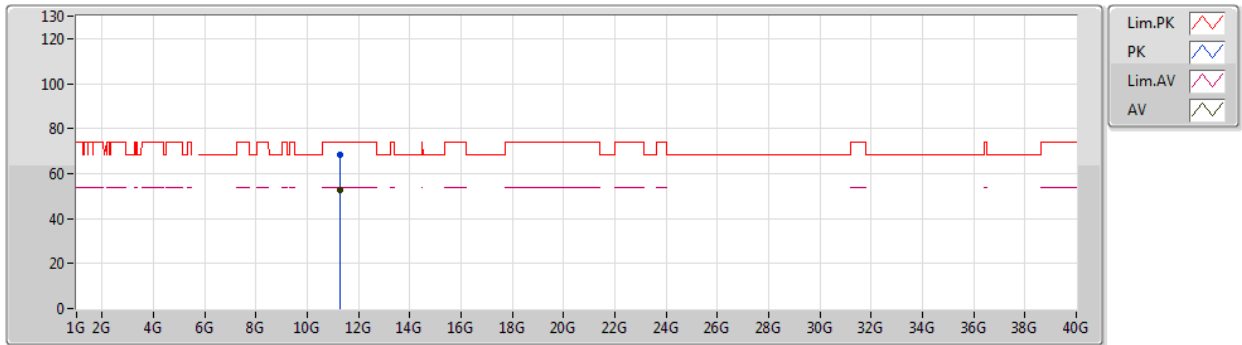


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.277206G	53.28	54.00	-0.72	-12.16	3	Vertical	329	1.44	-	65.44	11.58	7.40	31.14
PK	11.277485G	69.73	74.00	-4.27	-12.16	3	Vertical	329	1.44	-	81.89	11.58	7.40	31.14

802.11ac VHT20_Nss1,(MCS0)_4TX

21/12/2017

5640MHz_TX

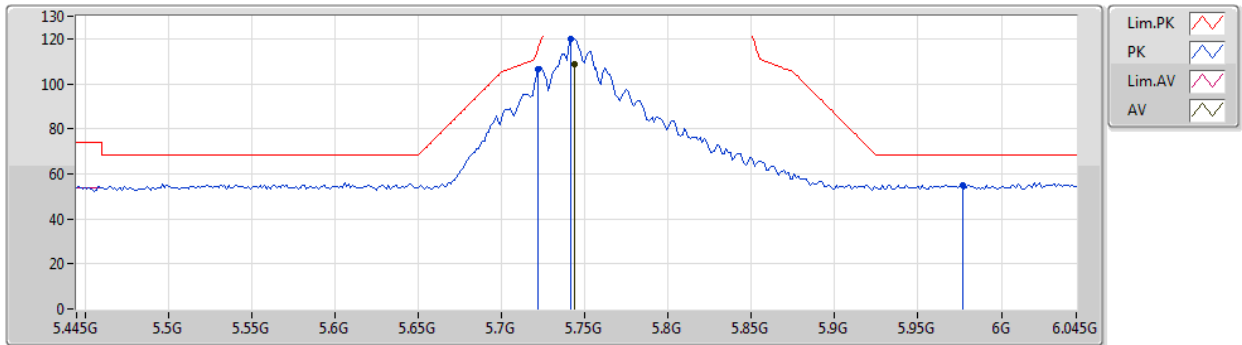


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.276846G	52.52	54.00	-1.48	-12.16	3	Horizontal	310	1.47	-	64.68	11.58	7.40	31.14
PK	11.277605G	68.30	74.00	-5.70	-12.16	3	Horizontal	310	1.47	-	80.46	11.58	7.40	31.14

802.11ac VHT20_Nss1,(MCS0)_4TX

20/12/2017

5745MHz_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	5.7438G	108.65	Inf	-Inf	3.43	3	Vertical	186	1.29	-	105.22	32.19	5.85	34.61
PK	5.7222G	106.35	115.82	-9.47	3.38	3	Vertical	186	1.29	-	102.97	32.16	5.83	34.60
PK	5.7414G	119.99	Inf	-Inf	3.42	3	Vertical	186	1.29	-	116.57	32.19	5.84	34.61
PK	5.9766G	55.06	68.20	-13.14	3.90	3	Vertical	186	1.29	-	51.15	32.56	6.01	34.67