



CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5230MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-72.63	-71.59			-69.07	-50.54	-21.20	-29.34
5230MHz	Pass	5.35G	5.43G	PK	5.40968G	18.53	-65.73	-62.08			-60.52	-41.99	-21.20	-20.79
5230MHz	Pass	5.43G	8G	PK	5.81004G	18.53	-68.15	-62.23			-61.24	-42.71	-27.00	-15.71
5755MHz	Pass	1G	5.645G	AV	1.91971G	18.53	-68.24	-86.41			-68.17	-49.64	-41.20	-8.44
5755MHz	Pass	5.93G	8G	AV	7.32363G	18.53	-82.55	-82.09			-79.30	-60.77	-41.20	-19.57
5755MHz	Pass	1G	5.645G	PK	5.17586G	18.53	-67.55	-61.24			-60.33	-41.80	-27.00	-14.80
5755MHz	Pass	5.645G	5.725G	PK	5.64724G	18.53	-70.91	-69.37			-67.06	-48.53	-27.00	-21.53
5755MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.79	-69.13			-66.44	-47.91	27.00	-74.91
5755MHz	Pass	5.85G	5.93G	PK	5.92632G	18.53	-61.22	-57.77			-56.15	-37.62	-27.00	-10.62
5755MHz	Pass	5.93G	8G	PK	5.93336G	18.53	-61.18	-59.15			-57.04	-38.51	-27.00	-11.51
5795MHz	Pass	1G	5.645G	AV	1.91971G	18.53	-67.33	-86.07			-67.27	-48.74	-41.20	-7.54
5795MHz	Pass	5.93G	8G	AV	7.36011G	18.53	-82.53	-81.50			-78.97	-60.44	-41.20	-19.24
5795MHz	Pass	1G	5.645G	PK	5.16715G	18.53	-68.40	-61.56			-60.74	-42.21	-27.00	-15.21
5795MHz	Pass	5.645G	5.725G	PK	5.64564G	18.53	-71.41	-69.10			-67.09	-48.56	-27.00	-21.56
5795MHz	Pass	5.725G	5.85G	PK	5.725G	18.53	-70.60	-69.38			-66.94	-48.41	27.00	-75.41
5795MHz	Pass	5.85G	5.93G	PK	5.92488G	18.53	-61.56	-54.23			-53.49	-34.96	-26.91	-8.05
5795MHz	Pass	5.93G	8G	PK	5.95769G	18.53	-61.47	-57.83			-56.27	-37.74	-27.00	-10.74
802.11ax HEW80_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.9197G	18.53	-67.50	-86.08			-67.44	-48.91	-41.20	-7.71
5210MHz	Pass	4.99G	5.15G	AV	5.12568G	18.53	-74.64	-68.27			-67.37	-48.84	-41.20	-7.64
5210MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.10	-81.37			-78.22	-59.69	-41.20	-18.49
5210MHz	Pass	5.35G	5.51G	AV	5.45304G	18.53	-76.68	-73.76			-71.97	-53.44	-41.20	-12.24
5210MHz	Pass	5.51G	8G	AV	7.32739G	18.53	-82.62	-82.06			-79.32	-60.79	-41.20	-19.59
5210MHz	Pass	1G	4.99G	PK	4.41893G	18.53	-69.55	-72.01			-67.60	-49.07	-27.00	-22.07
5210MHz	Pass	4.99G	5.15G	PK	5.11192G	18.53	-63.84	-57.03			-56.21	-37.68	-21.20	-16.48
5210MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.17	-71.12			-68.13	-49.60	-21.20	-28.40
5210MHz	Pass	5.35G	5.51G	PK	5.49016G	18.53	-67.57	-63.13			-61.80	-43.27	-27.00	-16.27
5210MHz	Pass	5.51G	8G	PK	5.75993G	18.53	-64.23	-61.61			-59.72	-41.19	-27.00	-14.19
5775MHz	Pass	1G	5.565G	AV	1.91985G	18.53	-68.22	-85.56			-68.14	-49.61	-41.20	-8.41
5775MHz	Pass	6.01G	8G	AV	7.33061G	18.53	-82.49	-81.93			-79.19	-60.66	-41.20	-19.46
5775MHz	Pass	1G	5.565G	PK	5.22377G	18.53	-71.98	-62.01			-61.59	-43.06	-27.00	-16.06
5775MHz	Pass	5.565G	5.725G	PK	5.63732G	18.53	-71.30	-68.66			-66.77	-48.24	-27.00	-21.24
5775MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.53	-70.05			-66.77	-48.24	27.00	-75.24
5775MHz	Pass	5.85G	6.01G	PK	5.92744G	18.53	-61.26	-52.63			-52.07	-33.54	-27.00	-6.54
5775MHz	Pass	6.01G	8G	PK	6.02816G	18.53	-67.28	-60.98			-60.07	-41.54	-27.00	-14.54
802.11a_Nss1.(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	1.92013G	18.53	-68.19	-85.51	-84.79	-85.17	-67.94	-49.41	-41.20	-8.21
5180MHz	Pass	5.11G	5.15G	AV	5.11264G	18.53	-79.52	-77.79	-77.83	-77.72	-72.13	-53.60	-41.20	-12.40
5180MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.76	-81.46	-81.27	-81.40	-75.19	-56.66	-41.20	-15.46
5180MHz	Pass	5.35G	5.39G	AV	5.38704G	18.53	-79.90	-78.33	-77.89	-78.20	-72.49	-53.96	-41.20	-12.76
5180MHz	Pass	5.39G	8G	AV	5.44514G	18.53	-80.30	-78.14	-78.09	-77.74	-72.44	-53.91	-41.20	-12.71
5180MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-64.86	-77.21	-78.25	-77.24	-64.21	-45.68	-27.00	-18.68
5180MHz	Pass	5.11G	5.15G	PK	5.118G	18.53	-70.98	-69.32	-67.36	-66.19	-62.07	-43.54	-21.20	-22.34
5180MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.69	-71.14	-71.25	-71.59	-65.39	-46.86	-21.20	-25.66
5180MHz	Pass	5.35G	5.39G	PK	5.38656G	18.53	-69.95	-68.24	-67.74	-67.44	-62.22	-43.69	-21.20	-22.49
5180MHz	Pass	5.39G	8G	PK	5.88884G	18.53	-71.18	-67.31	-65.88	-67.22	-61.49	-42.96	-27.00	-15.96
5200MHz	Pass	1G	5.11G	AV	5.03602G	18.53	-78.26	-73.15	-76.54	-74.25	-69.10	-50.57	-41.20	-9.37
5200MHz	Pass	5.11G	5.15G	AV	5.11208G	18.53	-77.75	-74.54	-76.96	-74.80	-69.78	-51.25	-41.20	-10.05
5200MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.27	-80.30	-81.30	-80.52	-74.80	-56.27	-41.20	-15.07
5200MHz	Pass	5.35G	5.39G	AV	5.3888G	18.53	-77.84	-75.28	-76.81	-74.79	-69.99	-51.46	-41.20	-10.26
5200MHz	Pass	5.39G	8G	AV	5.43437G	18.53	-77.53	-74.83	-78.38	-74.55	-69.99	-51.46	-41.20	-10.26
5200MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-64.88	-78.39	-76.55	-77.14	-64.19	-45.66	-27.00	-18.66
5200MHz	Pass	5.11G	5.15G	PK	5.11592G	18.53	-68.23	-64.03	-67.85	-64.13	-59.60	-41.07	-21.20	-19.87
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.39	-72.09	-71.75	-71.42	-65.63	-47.10	-21.20	-25.90
5200MHz	Pass	5.35G	5.39G	PK	5.38808G	18.53	-68.41	-64.49	-67.88	-64.13	-59.79	-41.26	-21.20	-20.06
5200MHz	Pass	5.39G	8G	PK	5.93549G	18.53	-66.87	-62.90	-68.58	-64.92	-59.28	-40.75	-27.00	-13.75
5240MHz	Pass	1G	5.11G	AV	1.91961G	18.53	-67.14	-86.02	-85.91	-85.73	-66.97	-48.44	-41.20	-7.24
5240MHz	Pass	5.11G	5.15G	AV	5.11232G	18.53	-78.26	-77.45	-73.66	-75.16	-69.73	-51.20	-41.20	-10.00
5240MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.37	-81.07	-81.48	-81.53	-75.34	-56.81	-41.20	-15.61
5240MHz	Pass	5.35G	5.39G	AV	5.38992G	18.53	-77.61	-77.62	-73.87	-75.16	-69.74	-51.21	-41.20	-10.01
5240MHz	Pass	5.39G	8G	AV	5.45199G	18.53	-77.58	-77.55	-74.01	-74.24	-69.49	-50.96	-41.20	-9.76
5240MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-65.60	-77.06	-79.90	-77.34	-64.90	-46.37	-27.00	-19.37
5240MHz	Pass	5.11G	5.15G	PK	5.11256G	18.53	-68.27	-68.33	-63.08	-64.93	-59.55	-41.02	-21.20	-19.82
5240MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.86	-71.56	-71.49	-70.94	-65.43	-46.90	-21.20	-25.70
5240MHz	Pass	5.35G	5.39G	PK	5.39G	18.53	-67.34	-67.28	-63.33	-64.60	-59.27	-40.74	-21.20	-19.54
5240MHz	Pass	5.39G	8G	PK	5.9518G	18.53	-66.38	-70.19	-61.89	-64.83	-58.85	-40.32	-27.00	-13.32
5745MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-66.81	-85.35	-85.45	-84.97	-66.63	-48.10	-41.20	-6.90
5745MHz	Pass	5.89G	8G	AV	7.2913G	18.53	-82.16	-82.32	-83.31	-82.58	-76.55	-58.02	-41.20	-16.82
5745MHz	Pass	1G	5.685G	PK	5.3184G	18.53	-68.87	-63.11	-64.51	-66.59	-59.24	-40.71	-27.00	-13.71
5745MHz	Pass	5.685G	5.725G	PK	5.68532G	18.53	-70.26	-69.20	-70.18	-70.32	-63.94	-45.41	-0.86	-44.55



CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-70.29	-69.14	-70.17	-70.06	-63.87	-45.34	27.00	-72.34
5745MHz	Pass	5.85G	5.89G	PK	5.88992G	18.53	-65.01	-61.21	-61.12	-62.05	-56.08	-37.55	-1.04	-36.51
5745MHz	Pass	5.89G	8G	PK	6.12606G	18.53	-67.96	-62.09	-61.07	-63.97	-57.08	-38.55	-27.00	-11.55
5785MHz	Pass	1G	5.685G	AV	5.14095G	18.53	-78.34	-73.02	-71.94	-73.79	-67.69	-49.16	-41.20	-7.96
5785MHz	Pass	5.89G	8G	AV	7.32665G	18.53	-82.99	-82.39	-82.56	-81.79	-76.39	-57.86	-41.20	-16.66
5785MHz	Pass	1G	5.685G	PK	5.17551G	18.53	-71.15	-67.14	-61.99	-66.64	-59.51	-40.98	-27.00	-13.98
5785MHz	Pass	5.685G	5.725G	PK	5.6862G	18.53	-70.04	-69.65	-69.52	-68.58	-63.39	-44.86	-0.21	-44.65
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-68.10	-70.14	-70.15	-70.13	-63.51	-44.98	27.00	-71.98
5785MHz	Pass	5.85G	5.89G	PK	5.89G	18.53	-65.67	-64.67	-62.85	-62.93	-57.85	-39.32	-1.10	-38.22
5785MHz	Pass	5.89G	8G	PK	5.93062G	18.53	-63.87	-62.98	-59.69	-59.71	-55.15	-36.62	-27.00	-9.62
5825MHz	Pass	1G	5.685G	AV	5.10757G	18.53	-78.40	-72.45	-73.83	-73.51	-68.03	-49.50	-41.20	-8.30
5825MHz	Pass	5.89G	8G	AV	7.30555G	18.53	-82.63	-83.06	-82.60	-82.17	-76.58	-58.05	-41.20	-16.85
5825MHz	Pass	1G	5.685G	PK	5.24402G	18.53	-70.14	-65.26	-64.29	-64.57	-59.52	-40.99	-27.00	-13.99
5825MHz	Pass	5.685G	5.725G	PK	5.68524G	18.53	-69.82	-69.19	-70.03	-71.45	-64.03	-45.50	-0.92	-44.58
5825MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.58	-69.20	-69.76	-70.59	-63.73	-45.20	27.00	-72.20
5825MHz	Pass	5.85G	5.89G	PK	5.8892G	18.53	-66.55	-64.45	-61.85	-62.60	-57.49	-38.96	-0.51	-38.45
5825MHz	Pass	5.89G	8G	PK	5.98891G	18.53	-66.14	-60.92	-62.21	-60.99	-56.11	-37.58	-27.00	-10.58
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	5.01342G	18.53	-77.00	-73.22	-76.13	-73.63	-68.69	-50.16	-41.20	-8.96
5180MHz	Pass	5.11G	5.15G	AV	5.11032G	18.53	-77.16	-74.59	-77.09	-74.51	-69.63	-51.10	-41.20	-9.90
5180MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.76	-80.67	-81.27	-81.41	-75.00	-56.47	-41.20	-15.27
5180MHz	Pass	5.35G	5.39G	AV	5.3888G	18.53	-78.11	-74.32	-77.97	-75.45	-70.14	-51.61	-41.20	-10.41
5180MHz	Pass	5.39G	8G	AV	5.44514G	18.53	-77.09	-75.42	-78.07	-73.52	-69.65	-51.12	-41.20	-9.92
5180MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-66.35	-76.37	-77.08	-77.09	-65.32	-46.79	-27.00	-19.79
5180MHz	Pass	5.11G	5.15G	PK	5.11096G	18.53	-68.16	-63.72	-65.57	-64.68	-59.23	-40.70	-21.20	-19.50
5180MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-69.12	-71.80	-71.35	-71.84	-64.85	-46.32	-21.20	-25.12
5180MHz	Pass	5.35G	5.39G	PK	5.38728G	18.53	-68.77	-65.20	-67.91	-63.05	-59.62	-41.09	-21.20	-19.89
5180MHz	Pass	5.39G	8G	PK	5.75997G	18.53	-67.43	-65.64	-68.61	-61.84	-59.04	-40.51	-27.00	-13.51
5200MHz	Pass	1G	5.11G	AV	5.03345G	18.53	-76.33	-72.35	-72.46	-71.87	-66.92	-48.39	-41.20	-7.19
5200MHz	Pass	5.11G	5.15G	AV	5.11168G	18.53	-77.30	-73.86	-71.86	-74.09	-67.85	-49.32	-41.20	-8.12
5200MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.61	-81.07	-81.62	-81.02	-75.30	-56.77	-41.20	-15.57
5200MHz	Pass	5.35G	5.39G	AV	5.38936G	18.53	-76.34	-74.50	-73.87	-73.88	-68.52	-49.99	-41.20	-8.79
5200MHz	Pass	5.39G	8G	AV	5.45264G	18.53	-77.52	-75.02	-73.08	-74.43	-68.71	-50.18	-41.20	-8.98
5200MHz	Pass	1G	5.11G	PK	5.05349G	18.53	-66.75	-63.01	-61.75	-65.42	-57.78	-39.25	-21.20	-18.05
5200MHz	Pass	5.11G	5.15G	PK	5.11088G	18.53	-67.35	-64.66	-61.14	-63.99	-57.71	-39.18	-21.20	-17.98
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.99	-71.05	-71.56	-70.93	-65.34	-46.81	-21.20	-25.61
5200MHz	Pass	5.35G	5.39G	PK	5.3852G	18.53	-66.53	-64.88	-62.18	-64.25	-58.16	-39.63	-21.20	-18.43
5200MHz	Pass	5.39G	8G	PK	5.67808G	18.53	-65.63	-66.32	-63.20	-63.98	-58.58	-40.05	-27.00	-13.05
5240MHz	Pass	1G	5.11G	AV	5.06941G	18.53	-76.32	-72.74	-72.72	-72.08	-67.17	-48.64	-41.20	-7.44
5240MHz	Pass	5.11G	5.15G	AV	5.11184G	18.53	-76.93	-73.88	-72.29	-73.45	-67.81	-49.28	-41.20	-8.08
5240MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.19	-81.51	-81.25	-81.02	-75.22	-56.69	-41.20	-15.49
5240MHz	Pass	5.35G	5.39G	AV	5.38712G	18.53	-76.64	-74.12	-71.93	-73.61	-67.74	-49.21	-41.20	-8.01
5240MHz	Pass	5.39G	8G	AV	5.39848G	18.53	-76.54	-73.65	-74.24	-72.71	-68.05	-49.52	-41.20	-8.32
5240MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-64.93	-77.49	-78.03	-76.58	-64.24	-45.71	-27.00	-18.71
5240MHz	Pass	5.11G	5.15G	PK	5.11G	18.53	-66.08	-63.67	-63.44	-62.74	-57.80	-39.27	-21.20	-18.07
5240MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.80	-70.81	-71.75	-70.47	-65.15	-46.62	-21.20	-25.42
5240MHz	Pass	5.35G	5.39G	PK	5.38896G	18.53	-65.91	-63.24	-62.92	-62.68	-57.49	-38.96	-21.20	-17.76
5240MHz	Pass	5.39G	8G	PK	5.62327G	18.53	-66.23	-62.20	-64.77	-65.25	-58.32	-39.79	-27.00	-12.79
5745MHz	Pass	1G	5.685G	AV	5.36583G	18.53	-76.70	-73.28	-72.05	-72.28	-67.21	-48.68	-41.20	-7.48
5745MHz	Pass	5.89G	8G	AV	7.25491G	18.53	-81.17	-83.65	-82.84	-82.52	-76.43	-57.90	-41.20	-16.70
5745MHz	Pass	1G	5.685G	PK	5.3143G	18.53	-70.98	-63.03	-62.99	-66.99	-58.93	-40.40	-27.00	-13.40
5745MHz	Pass	5.685G	5.725G	PK	5.68508G	18.53	-71.16	-69.52	-70.73	-69.07	-64.02	-45.49	-1.04	-44.45
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-68.94	-69.96	-69.46	-70.12	-63.57	-45.04	27.00	-72.04
5745MHz	Pass	5.85G	5.89G	PK	5.8896G	18.53	-65.19	-61.92	-60.33	-61.13	-55.78	-37.25	-0.80	-36.45
5745MHz	Pass	5.89G	8G	PK	5.92745G	18.53	-66.61	-63.50	-62.65	-60.66	-56.85	-38.32	-27.00	-11.32
5785MHz	Pass	1G	5.685G	AV	5.06072G	18.53	-77.51	-73.36	-72.43	-73.73	-67.87	-49.34	-41.20	-8.14
5785MHz	Pass	5.89G	8G	AV	7.28049G	18.53	-82.62	-82.37	-82.75	-82.84	-76.62	-58.09	-41.20	-16.89
5785MHz	Pass	1G	5.685G	PK	5.24461G	18.53	-69.15	-66.14	-61.98	-65.43	-58.91	-40.38	-27.00	-13.38
5785MHz	Pass	5.685G	5.725G	PK	5.68524G	18.53	-70.15	-70.25	-70.45	-69.41	-64.03	-45.50	-0.92	-44.58
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.77	-69.75	-68.69	-69.76	-63.45	-44.92	27.00	-71.92
5785MHz	Pass	5.85G	5.89G	PK	5.88992G	18.53	-66.78	-64.08	-61.33	-63.87	-57.58	-39.05	-1.04	-38.01
5785MHz	Pass	5.89G	8G	PK	5.94196G	18.53	-64.53	-63.25	-59.64	-59.46	-55.17	-36.64	-27.00	-9.64
5825MHz	Pass	1G	5.685G	AV	5.10875G	18.53	-76.81	-72.88	-72.84	-74.36	-67.93	-49.40	-41.20	-8.20
5825MHz	Pass	5.89G	8G	AV	7.29262G	18.53	-82.60	-83.39	-82.74	-81.98	-76.63	-58.10	-41.20	-16.90
5825MHz	Pass	1G	5.685G	PK	5.18956G	18.53	-68.99	-66.78	-62.53	-66.58	-59.53	-41.00	-27.00	-14.00
5825MHz	Pass	5.685G	5.725G	PK	5.68516G	18.53	-70.37	-68.97	-70.82	-70.68	-64.12	-45.59	-0.98	-44.61
5825MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.74	-68.84	-69.83	-70.04	-63.57	-45.04	27.00	-72.04
5825MHz	Pass	5.85G	5.89G	PK	5.8896G	18.53	-65.10	-63.03	-63.07	-62.75	-57.37	-38.84	-0.80	-38.04
5825MHz	Pass	5.89G	8G	PK	5.9897G	18.53	-66.59	-62.75	-60.50	-59.64	-55.64	-37.11	-27.00	-10.11
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-

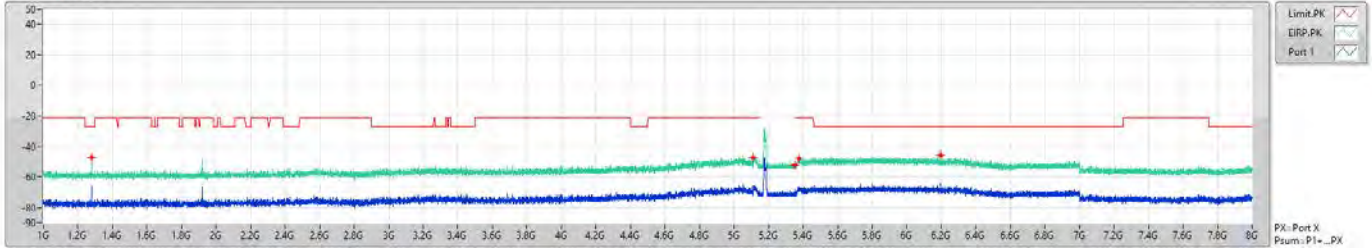
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	1G	5.07G	AV	5.0349G	18.53	-78.59	-72.75	-72.60	-73.29	-67.73	-49.20	-41.20	-8.00
5190MHz	Pass	5.07G	5.15G	AV	5.07368G	18.53	-77.02	-73.44	-75.33	-72.85	-68.35	-49.82	-41.20	-8.62
5190MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.67	-81.27	-81.20	-81.17	-75.30	-56.77	-41.20	-15.57
5190MHz	Pass	5.35G	5.43G	AV	5.38328G	18.53	-77.98	-74.54	-75.51	-73.97	-69.23	-50.70	-41.20	-9.50
5190MHz	Pass	5.43G	8G	AV	5.44124G	18.53	-77.74	-74.78	-77.58	-74.34	-69.81	-51.28	-41.20	-10.08
5190MHz	Pass	1G	5.07G	PK	5.02981G	18.53	-69.74	-62.82	-65.33	-63.70	-58.70	-40.17	-21.20	-18.97
5190MHz	Pass	5.07G	5.15G	PK	5.12184G	18.53	-68.07	-62.97	-64.65	-63.93	-58.51	-39.98	-21.20	-18.78
5190MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.25	-71.05	-71.23	-72.01	-65.35	-46.82	-21.20	-25.62
5190MHz	Pass	5.35G	5.43G	PK	5.41128G	18.53	-65.89	-62.82	-67.91	-65.23	-59.06	-40.53	-21.20	-19.33
5190MHz	Pass	5.43G	8G	PK	5.76025G	18.53	-69.09	-65.81	-65.88	-63.28	-59.53	-41.00	-27.00	-14.00
5230MHz	Pass	1G	5.07G	AV	5.05321G	18.53	-75.29	-71.48	-71.53	-71.36	-66.12	-47.59	-41.20	-6.39
5230MHz	Pass	5.07G	5.15G	AV	5.07464G	18.53	-75.30	-71.70	-71.48	-70.24	-65.80	-47.27	-41.20	-6.07
5230MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.79	-80.96	-81.62	-81.79	-75.25	-56.72	-41.20	-15.52
5230MHz	Pass	5.35G	5.43G	AV	5.39384G	18.53	-76.09	-72.76	-72.26	-71.01	-66.65	-48.12	-41.20	-6.92
5230MHz	Pass	5.43G	8G	AV	5.43835G	18.53	-76.82	-74.10	-73.78	-74.05	-68.51	-49.98	-41.20	-8.78
5230MHz	Pass	1G	5.07G	PK	5.06084G	18.53	-66.92	-61.96	-63.49	-62.72	-57.39	-38.86	-21.20	-17.66
5230MHz	Pass	5.07G	5.15G	PK	5.07528G	18.53	-64.22	-60.90	-62.86	-60.70	-55.92	-37.39	-21.20	-16.19
5230MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-72.00	-71.91	-71.83	-71.61	-65.81	-47.28	-21.20	-26.08
5230MHz	Pass	5.35G	5.43G	PK	5.40072G	18.53	-65.71	-63.25	-62.33	-60.27	-56.45	-37.92	-21.20	-16.72
5230MHz	Pass	5.43G	8G	PK	5.75992G	18.53	-65.88	-65.53	-62.23	-67.06	-58.75	-40.22	-27.00	-13.22
5755MHz	Pass	1G	5.645G	AV	5.09689G	18.53	-77.24	-71.28	-71.67	-73.17	-66.79	-48.26	-41.20	-7.06
5755MHz	Pass	5.93G	8G	AV	7.28921G	18.53	-83.21	-82.84	-81.80	-82.41	-76.51	-57.98	-41.20	-16.78
5755MHz	Pass	1G	5.645G	PK	5.18921G	18.53	-67.79	-65.01	-60.39	-66.52	-57.91	-39.38	-27.00	-12.38
5755MHz	Pass	5.645G	5.725G	PK	5.64964G	18.53	-69.98	-69.63	-71.51	-70.82	-64.40	-45.87	-27.00	-18.87
5755MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.54	-69.71	-69.26	-70.57	-63.72	-45.19	-27.00	-72.19
5755MHz	Pass	5.85G	5.93G	PK	5.92504G	18.53	-60.91	-58.70	-57.94	-56.27	-52.13	-33.60	-27.00	-6.60
5755MHz	Pass	5.93G	8G	PK	5.94087G	18.53	-62.31	-61.56	-56.92	-59.58	-53.55	-35.02	-27.00	-8.02
5795MHz	Pass	1G	5.645G	AV	5.08528G	18.53	-77.76	-72.30	-71.61	-73.62	-67.26	-48.73	-41.20	-7.53
5795MHz	Pass	5.93G	8G	AV	7.2548G	18.53	-81.97	-82.78	-82.76	-82.49	-76.47	-57.94	-41.20	-16.74
5795MHz	Pass	1G	5.645G	PK	5.30708G	18.53	-69.16	-63.60	-61.89	-66.52	-58.45	-39.92	-27.00	-12.92
5795MHz	Pass	5.645G	5.725G	PK	5.645G	18.53	-69.39	-70.67	-71.27	-69.86	-64.22	-45.69	-27.00	-18.69
5795MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.85	-70.27	-69.88	-69.65	-63.89	-45.36	-27.00	-72.36
5795MHz	Pass	5.85G	5.93G	PK	5.92808G	18.53	-64.03	-59.44	-57.93	-59.96	-53.82	-35.29	-27.00	-8.29
5795MHz	Pass	5.93G	8G	PK	5.96467G	18.53	-65.78	-59.58	-60.43	-55.37	-52.86	-34.33	-27.00	-7.33
802.11ax HEW80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.92019G	18.53	-68.62	-84.85	-85.65	-85.60	-68.35	-49.82	-41.20	-8.62
5210MHz	Pass	4.99G	5.15G	AV	5.12792G	18.53	-74.72	-70.38	-69.09	-69.61	-64.46	-45.93	-41.20	-4.73
5210MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.37	-80.97	-81.06	-81.23	-75.13	-56.60	-41.20	-15.40
5210MHz	Pass	5.35G	5.51G	AV	5.41816G	18.53	-77.11	-74.12	-76.02	-73.50	-68.93	-50.40	-41.20	-9.20
5210MHz	Pass	5.51G	8G	AV	7.39182G	18.53	-83.03	-82.02	-81.91	-83.12	-76.46	-57.93	-41.20	-16.73
5210MHz	Pass	1G	4.99G	PK	1.2798G	18.53	-65.42	-80.27	-75.71	-75.77	-64.56	-46.03	-27.00	-19.03
5210MHz	Pass	4.99G	5.15G	PK	5.12248G	18.53	-64.82	-59.45	-54.39	-59.50	-52.06	-33.53	-21.20	-12.33
5210MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.67	-71.72	-71.42	-70.19	-65.18	-46.65	-21.20	-25.45
5210MHz	Pass	5.35G	5.51G	PK	5.47416G	18.53	-66.66	-62.68	-66.99	-64.34	-58.78	-40.25	-27.00	-13.25
5210MHz	Pass	5.51G	8G	PK	5.75993G	18.53	-63.55	-62.48	-65.78	-60.29	-56.56	-38.03	-27.00	-11.03
5775MHz	Pass	1G	5.565G	AV	5.09994G	18.53	-76.86	-73.69	-71.96	-73.60	-67.68	-49.15	-41.20	-7.95
5775MHz	Pass	6.01G	8G	AV	7.30748G	18.53	-81.87	-82.30	-83.10	-83.27	-76.58	-58.05	-41.20	-16.85
5775MHz	Pass	1G	5.565G	PK	5.20665G	18.53	-70.22	-64.82	-60.82	-68.17	-58.52	-39.99	-27.00	-12.99
5775MHz	Pass	5.565G	5.725G	PK	5.61972G	18.53	-68.74	-70.62	-70.33	-71.19	-64.10	-45.57	-27.00	-18.57
5775MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.19	-69.20	-69.07	-69.89	-63.31	-44.78	-27.00	-71.78
5775MHz	Pass	5.85G	6.01G	PK	5.92744G	18.53	-62.13	-54.75	-56.47	-56.05	-50.61	-32.08	-27.00	-5.08
5775MHz	Pass	6.01G	8G	PK	6.11398G	18.53	-66.12	-62.42	-61.80	-63.85	-57.24	-38.71	-27.00	-11.71

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

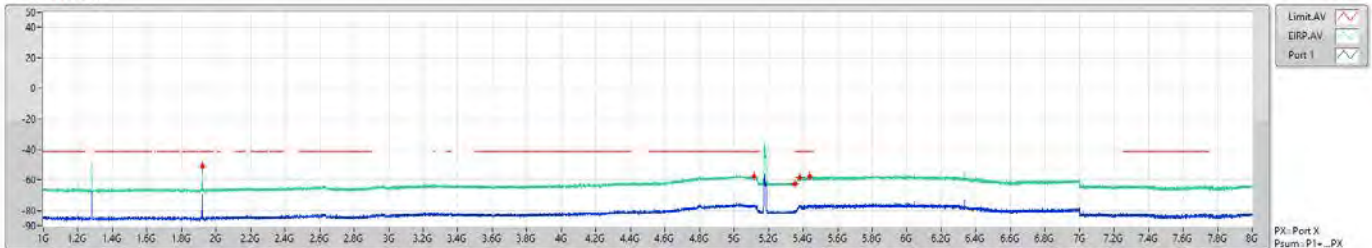
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802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

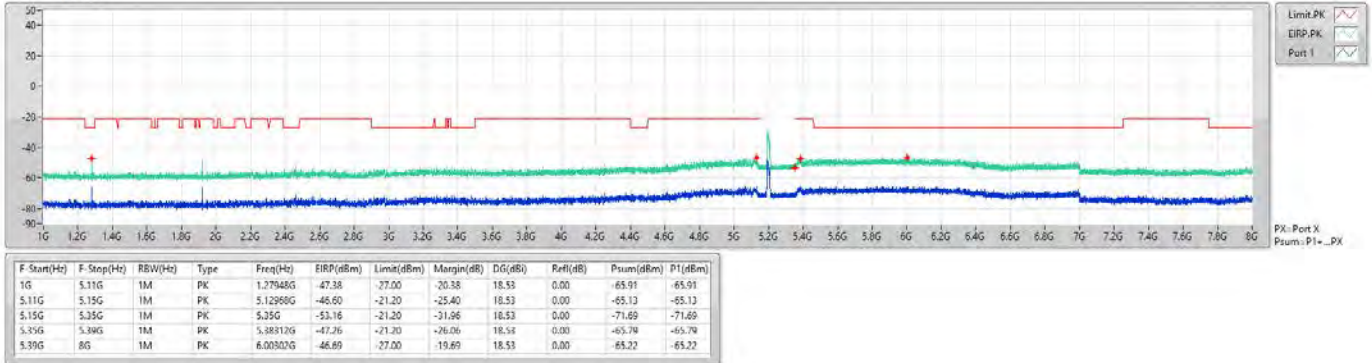
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802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

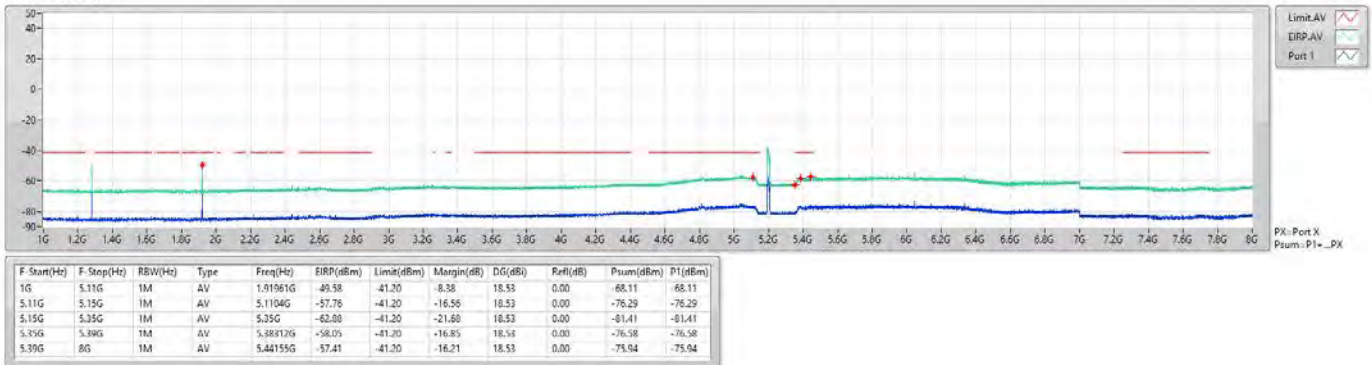
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802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

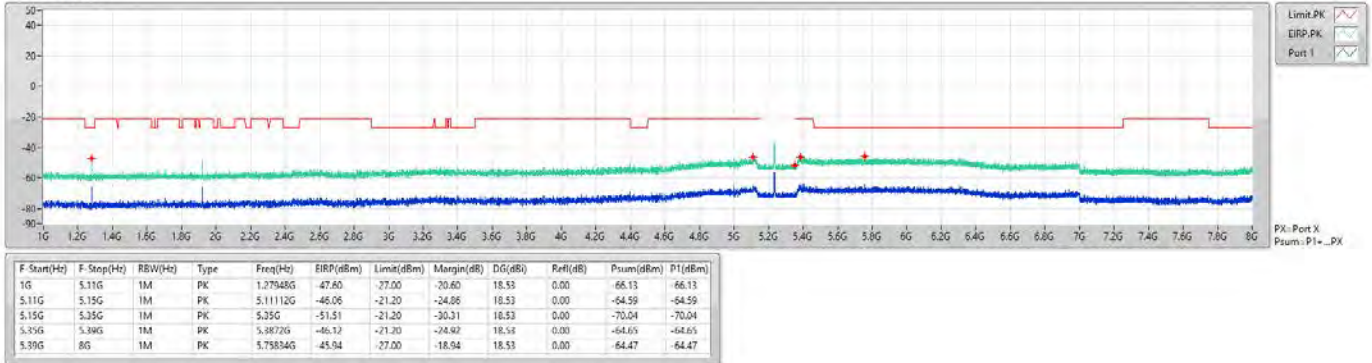
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802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

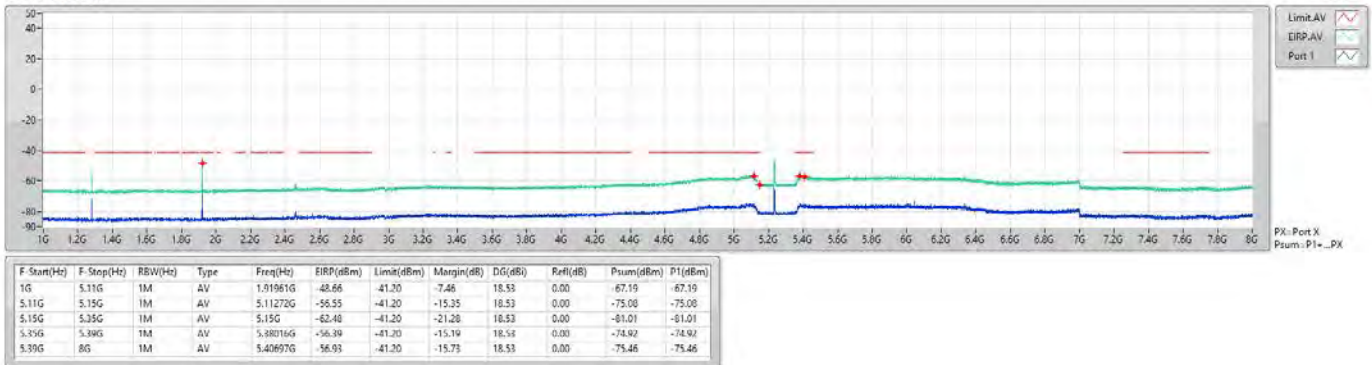
5240MHz



802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

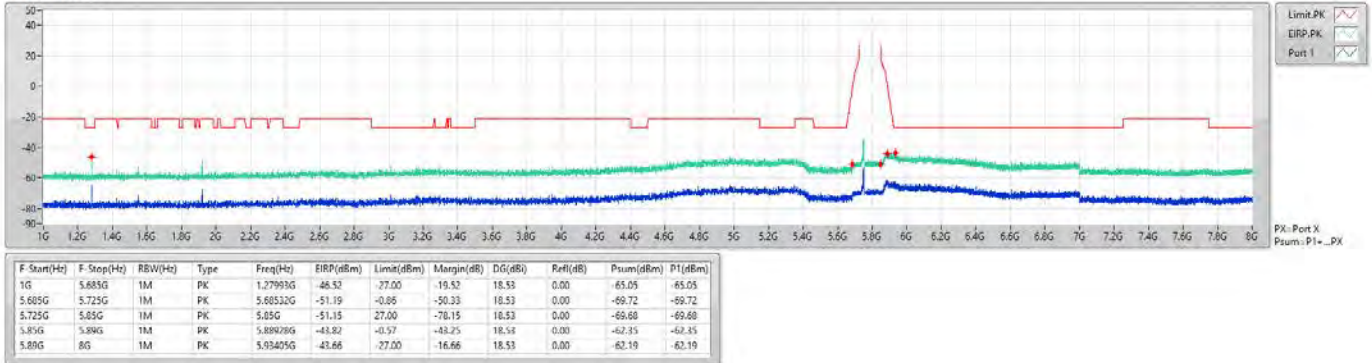
5240MHz



802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

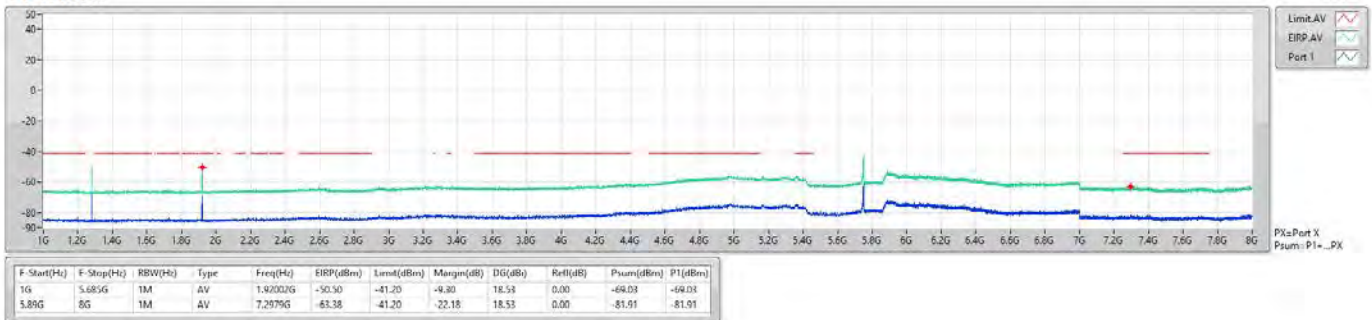
5745MHz



802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5745MHz

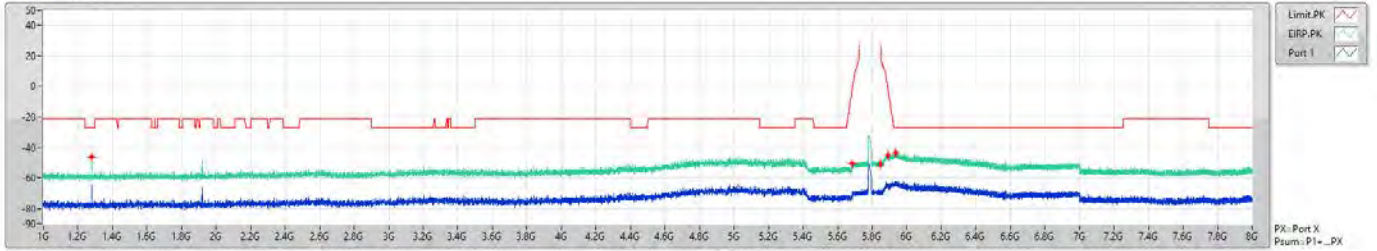


802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5785MHz

24/08/2022



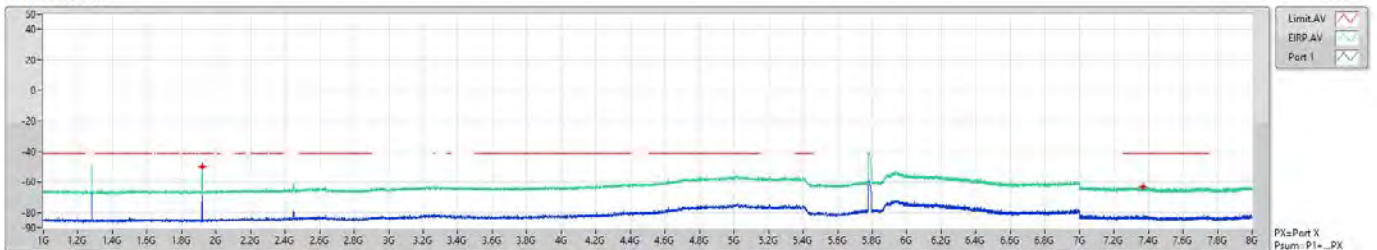
F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	PK	1.27953G	-46.18	-27.00	-19.18	18.53	0.00	-64.71	-64.71
5.685G	5.725G	1M	PK	5.685G	-50.43	-1.10	-49.33	18.53	0.00	-69.96	-69.96
5.725G	5.85G	1M	PK	5.85G	-51.30	27.00	-78.30	18.53	0.00	-69.83	-69.83
5.85G	5.89G	1M	PK	5.88976G	-44.96	-0.92	-44.04	18.53	0.00	-63.49	-63.49
5.89G	8G	1M	PK	5.93616G	-43.51	-27.00	-16.51	18.53	0.00	-62.04	-62.04

802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5785MHz

24/08/2022



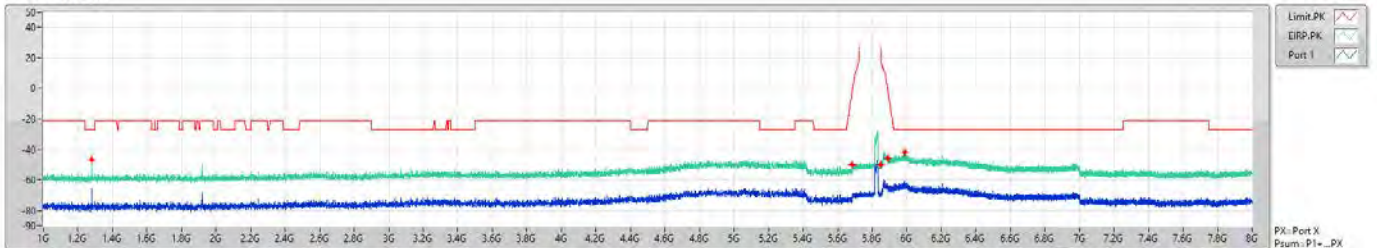
F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	AV	1.91943G	-50.01	-41.20	-8.81	18.53	0.00	-68.54	-68.54
5.685G	8G	1M	AV	7.36858G	-63.00	-41.20	-21.80	18.53	0.00	-81.53	-81.53

802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5825MHz

24/08/2022



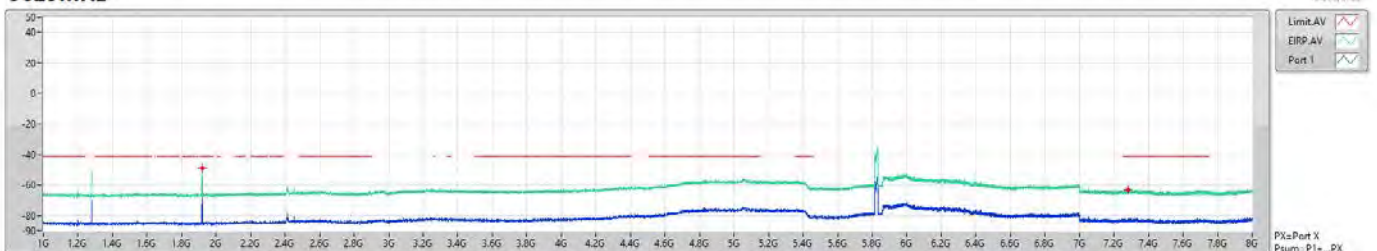
F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	PK	1.27953G	-47.04	-27.00	-20.04	18.53	0.00	-65.57	-65.57
5.685G	5.725G	1M	PK	5.69540G	-50.24	-0.74	-49.50	18.53	0.00	-68.77	-68.77
5.725G	5.85G	1M	PK	5.85G	-50.04	27.00	-77.04	18.53	0.00	-68.57	-68.57
5.85G	5.89G	1M	PK	5.88992G	-45.51	-1.04	-44.47	18.53	0.00	-64.04	-64.04
5.89G	8G	1M	PK	5.98801G	-42.00	27.00	-15.00	18.53	0.00	-60.53	-60.53

802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5825MHz

24/08/2022

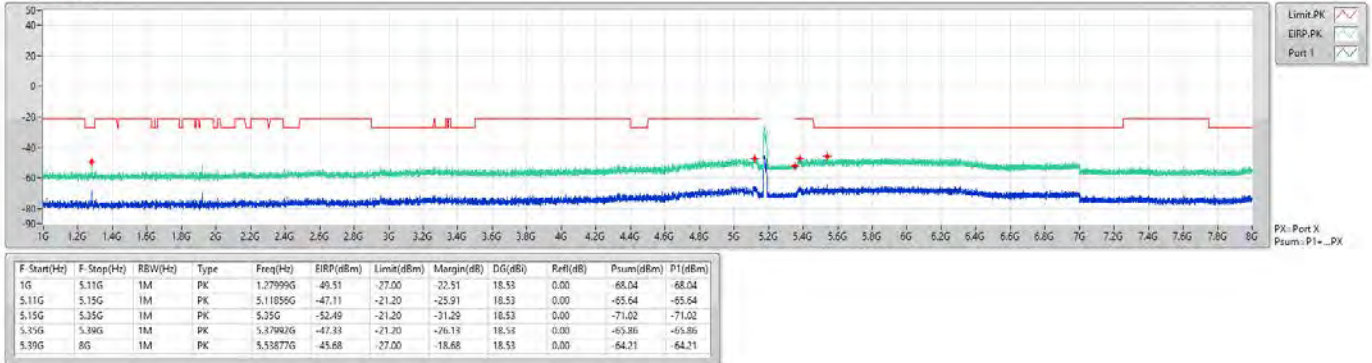


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	AV	1.92002G	-49.12	-41.20	-7.92	18.53	0.00	-67.65	-67.65
5.685G	8G	1M	AV	7.28181G	-63.21	-41.20	-22.01	18.53	0.00	-81.74	-81.74

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

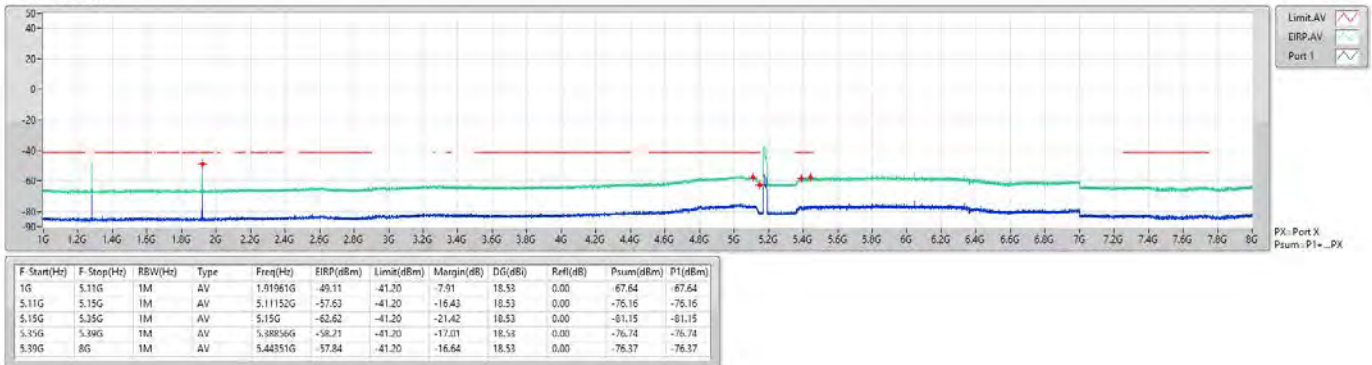
5180MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

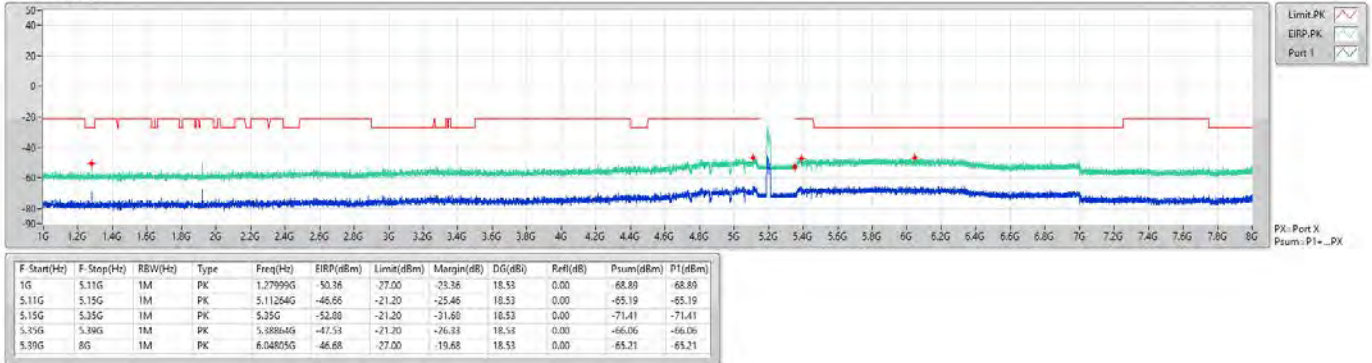
5180MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

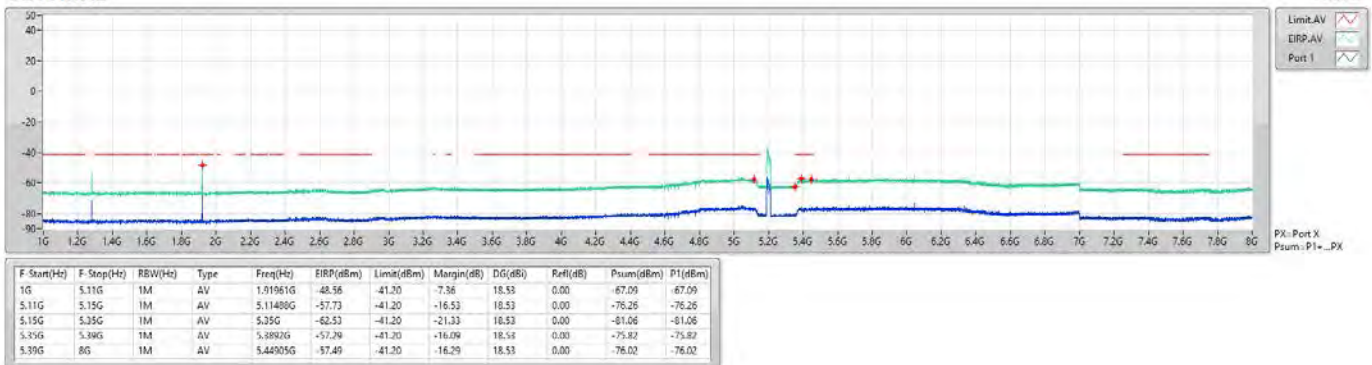
5200MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

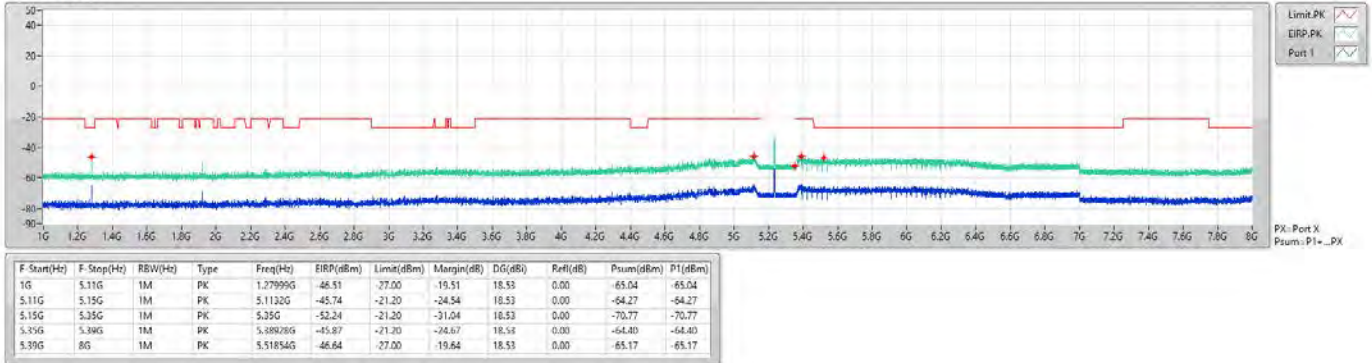
5200MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

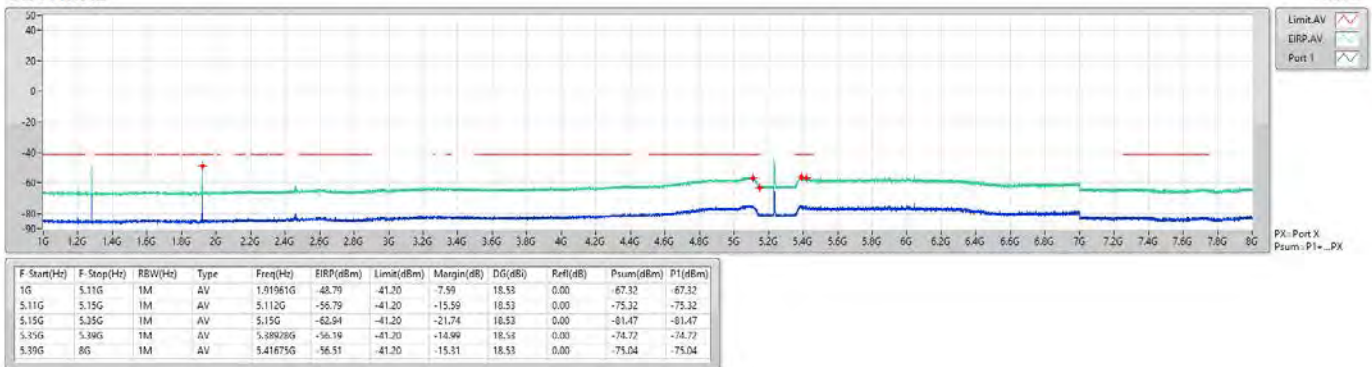
5240MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

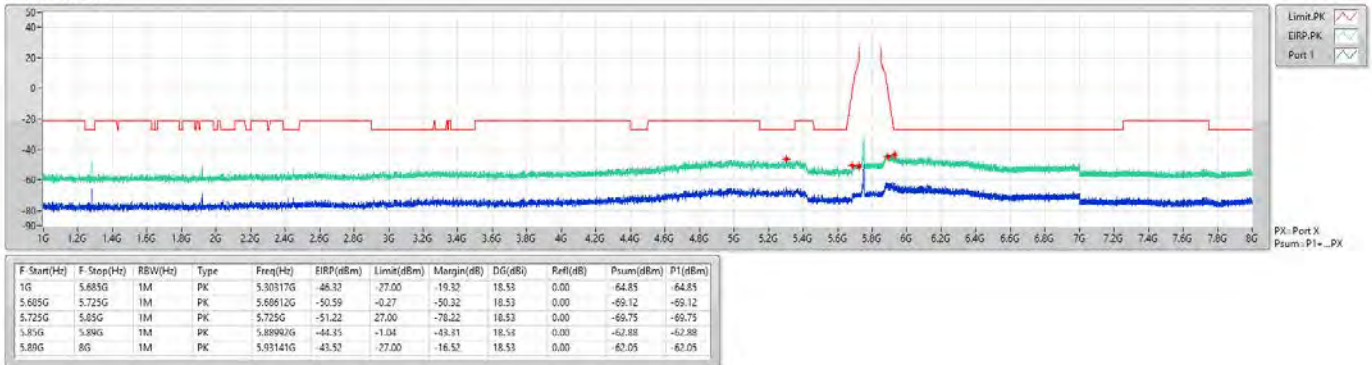
5240MHz



802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

CSE Other [PK]

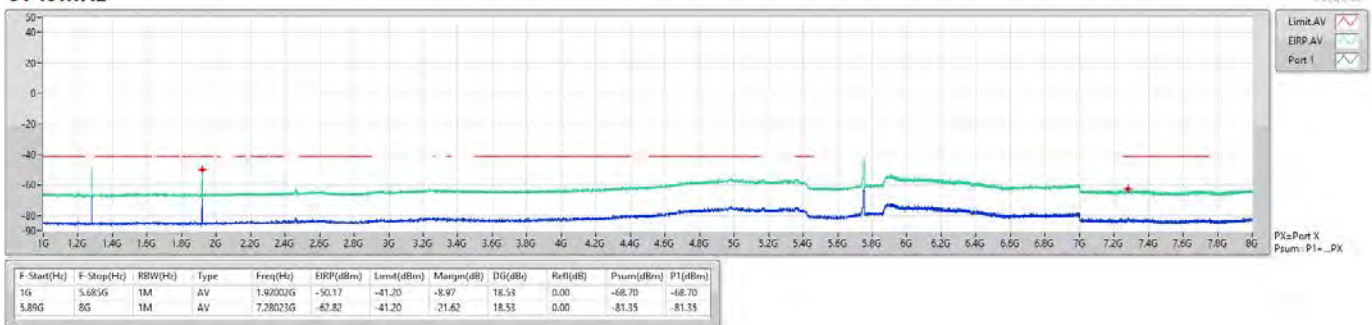
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

CSE Other [AV]

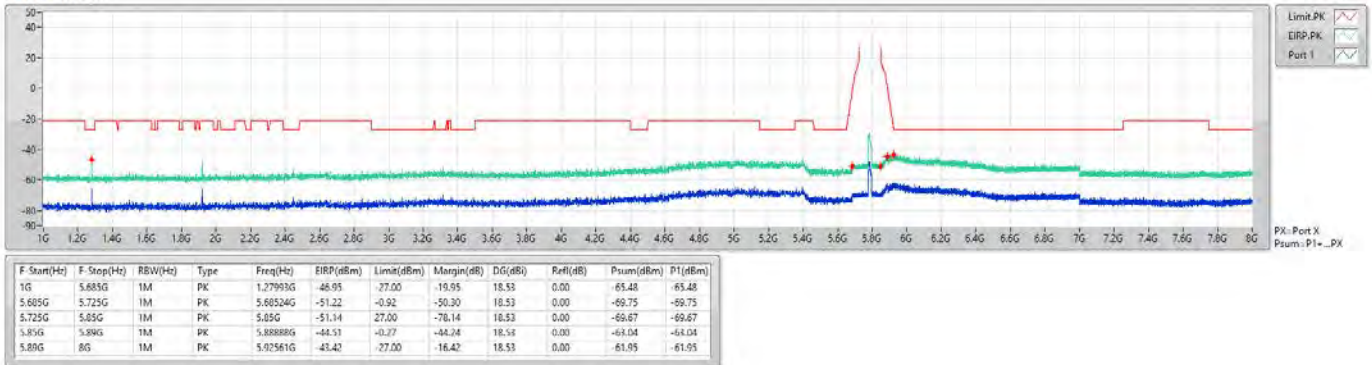
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5785MHz

CSE Other [PK]

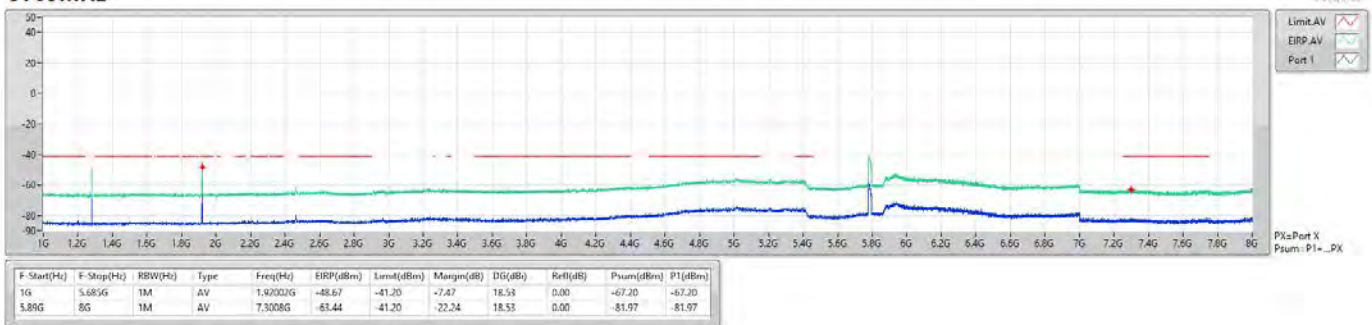
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5785MHz

CSE Other [AV]

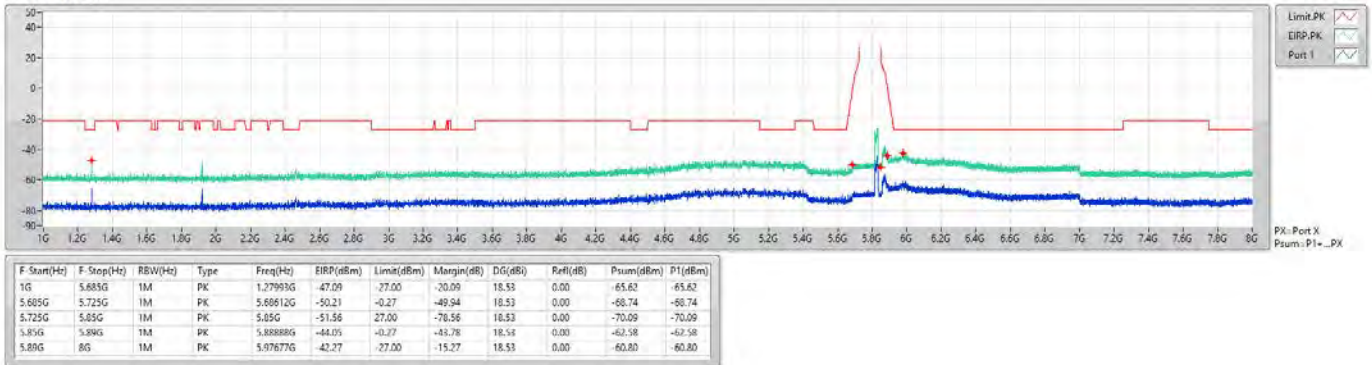
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5825MHz

CSE Other [PK]

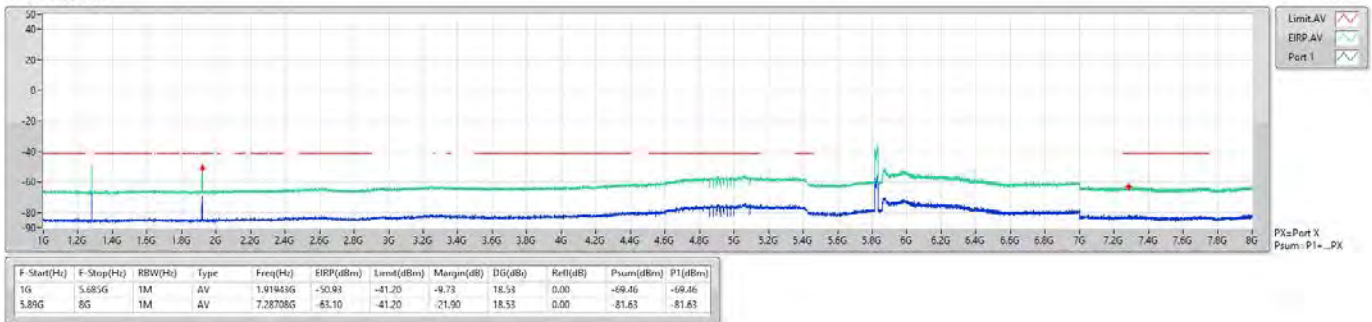
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5825MHz

CSE Other [AV]

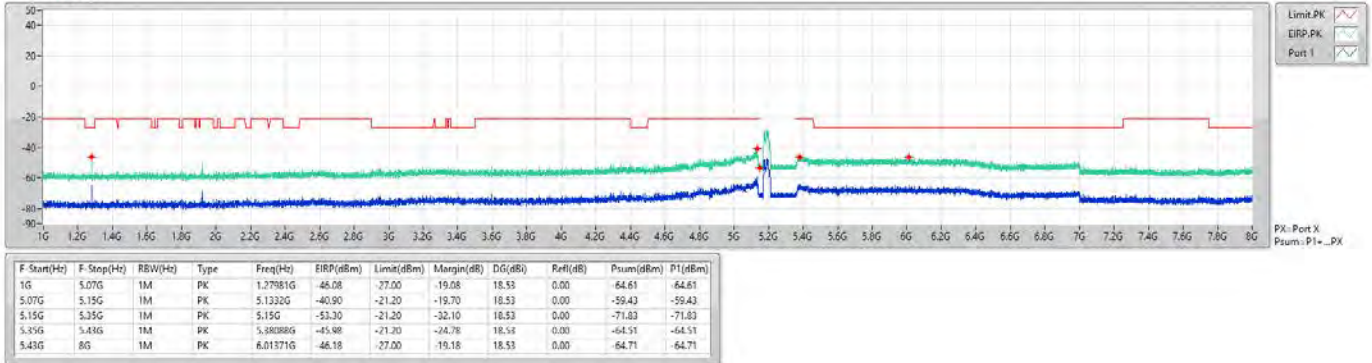
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

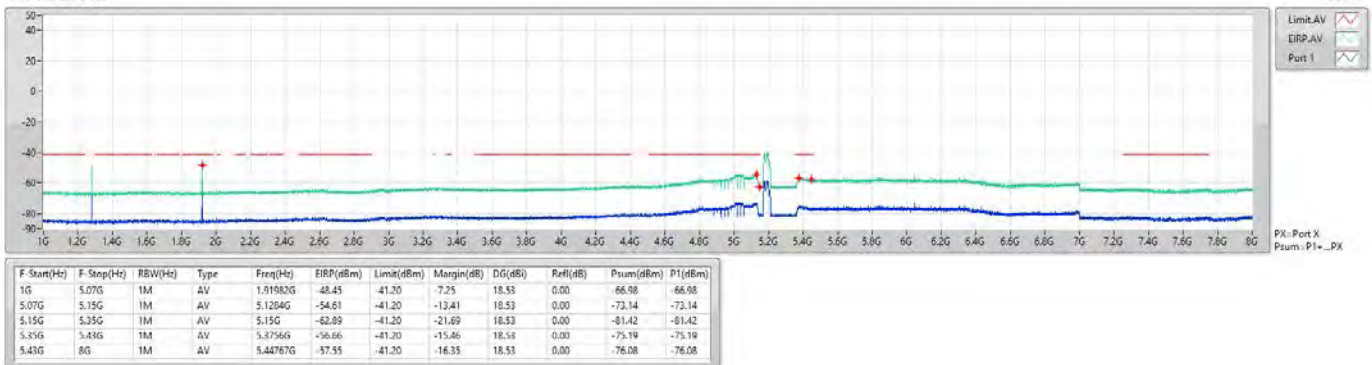
5190MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

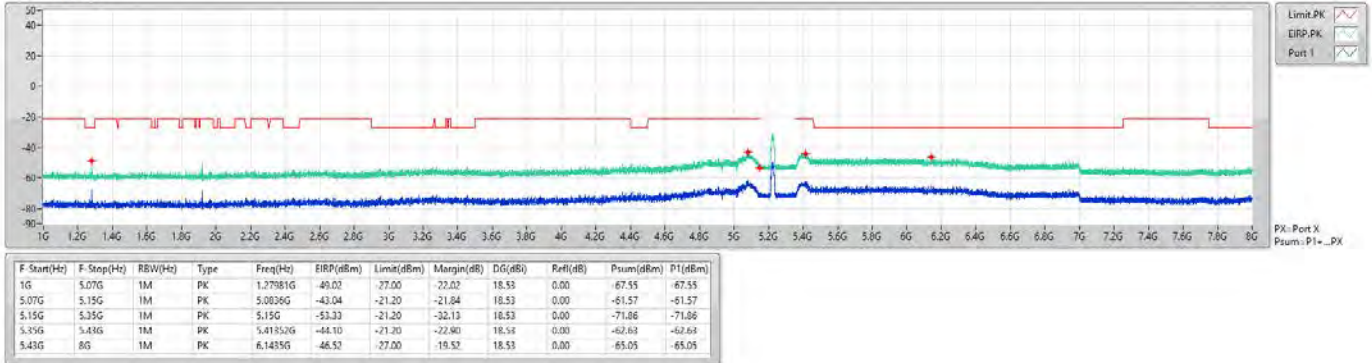
5190MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

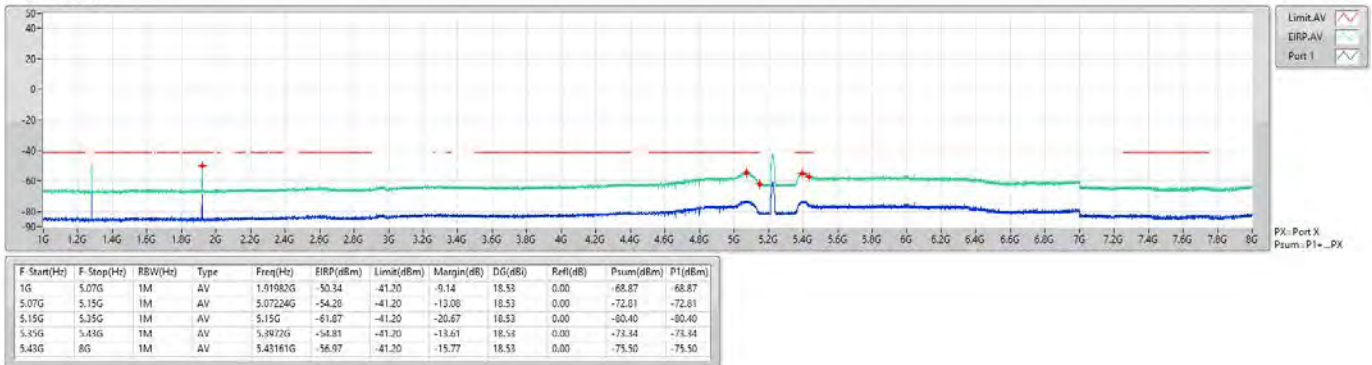
5230MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

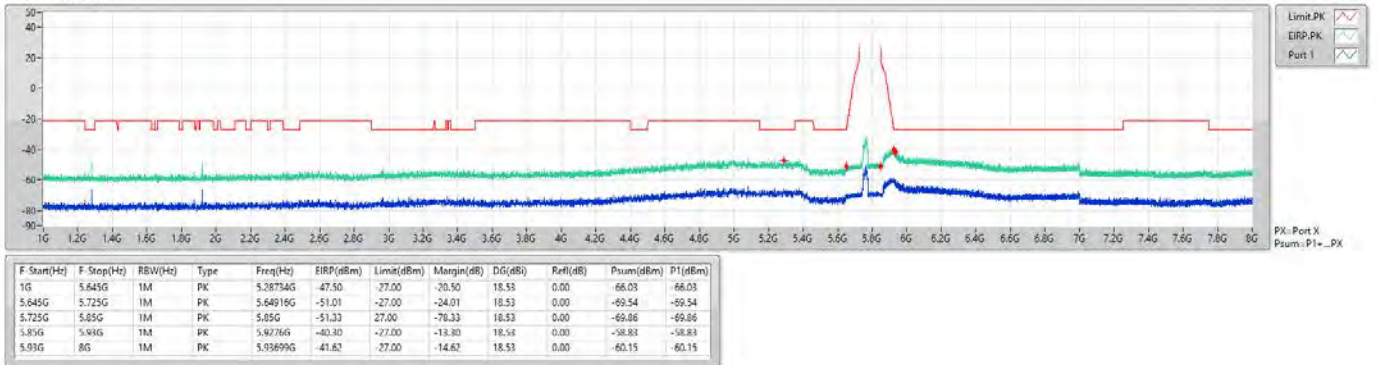
5230MHz



802.11ax HEW40_Nss1,(MCS0)_1TX
5755MHz

CSE Other [PK]

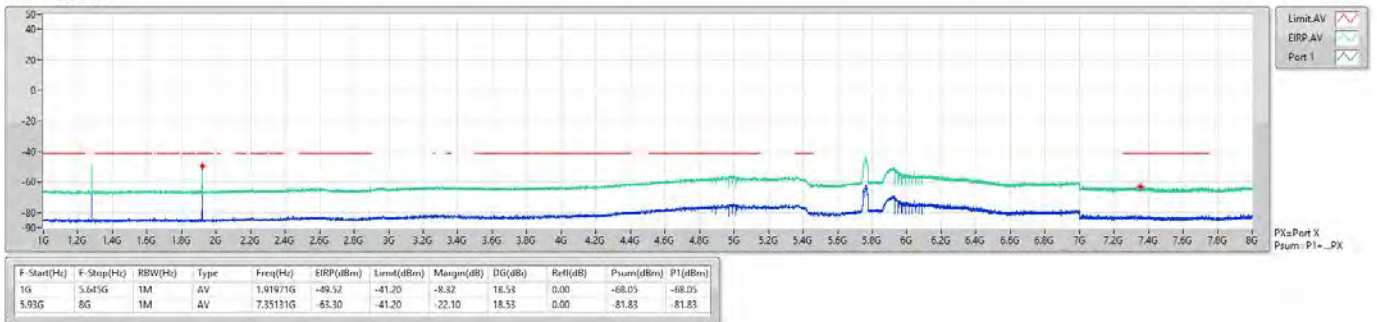
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX
5755MHz

CSE Other [AV]

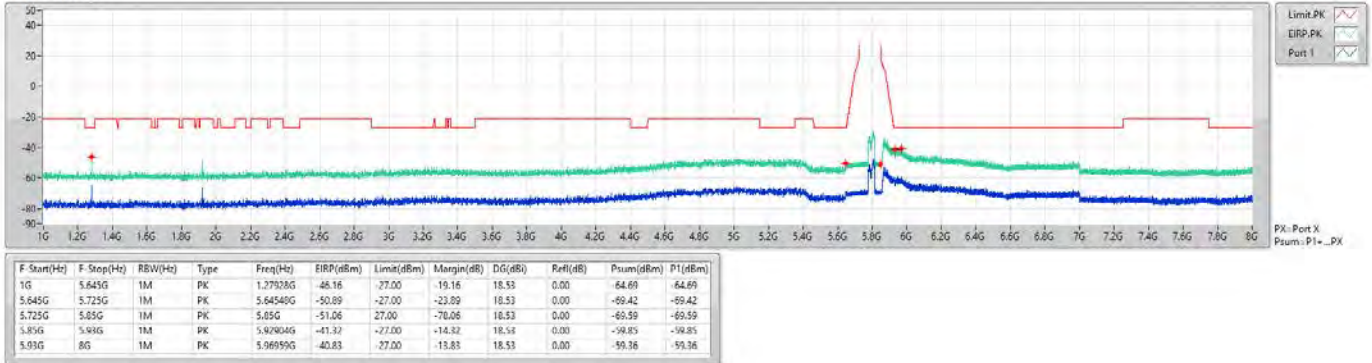
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

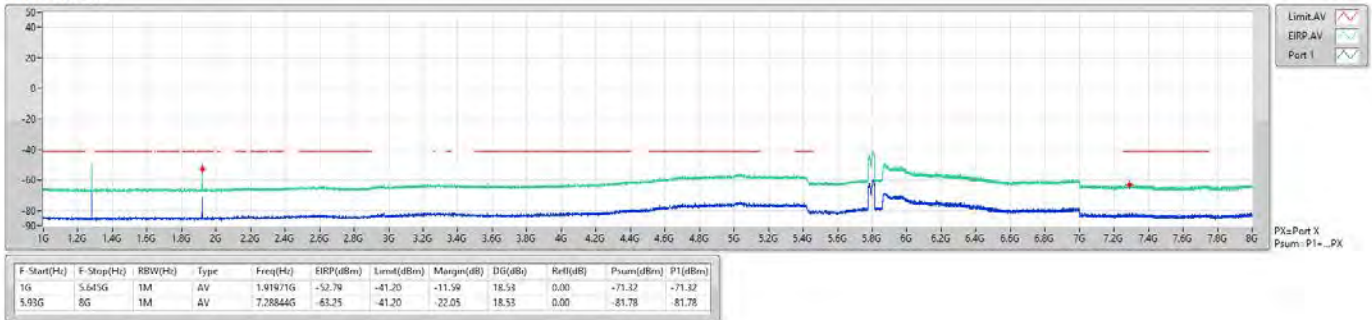
5795MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

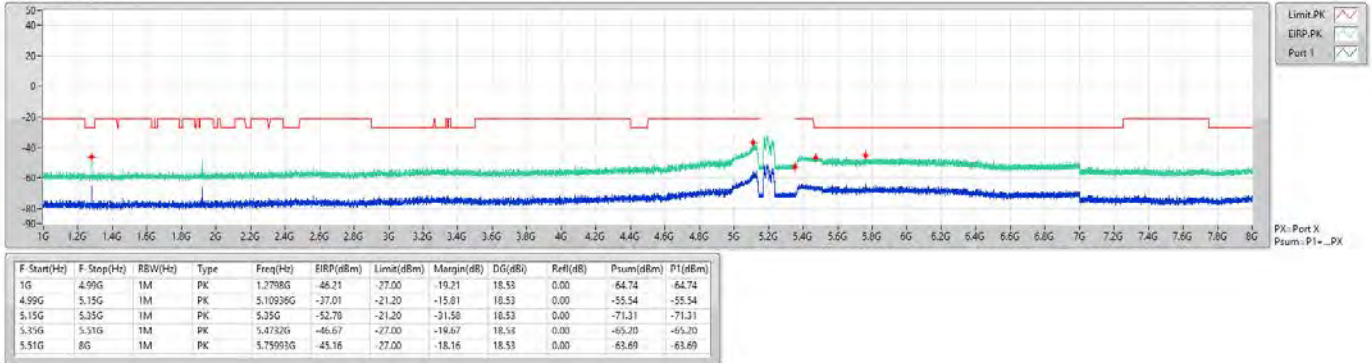
5795MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [PK]

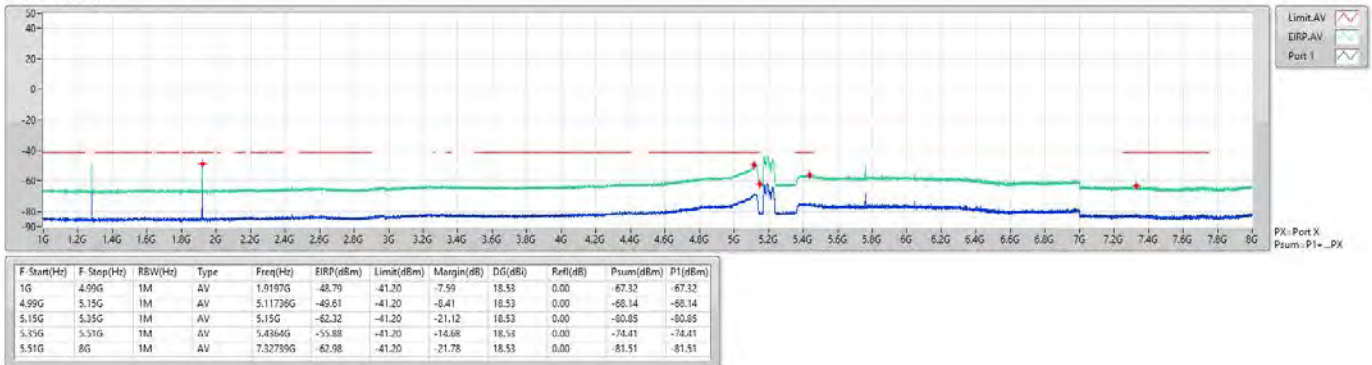
5210MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [AV]

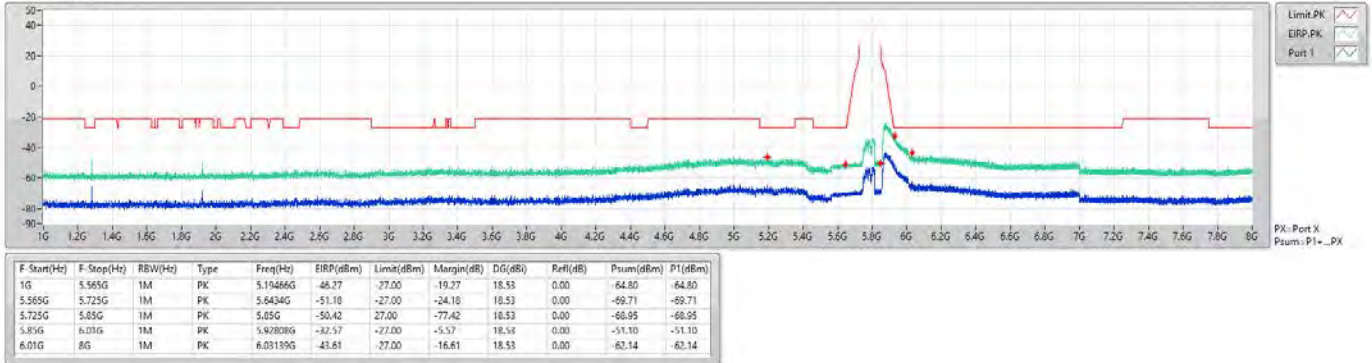
5210MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [PK]

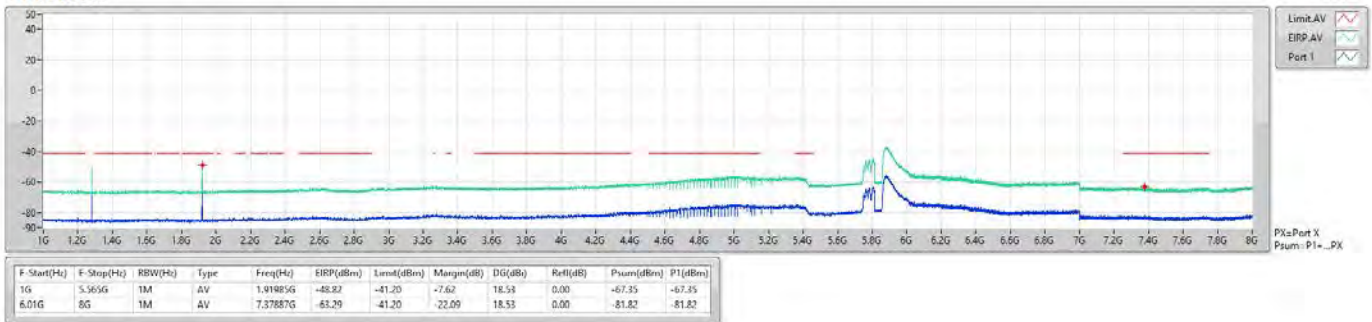
5775MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [AV]

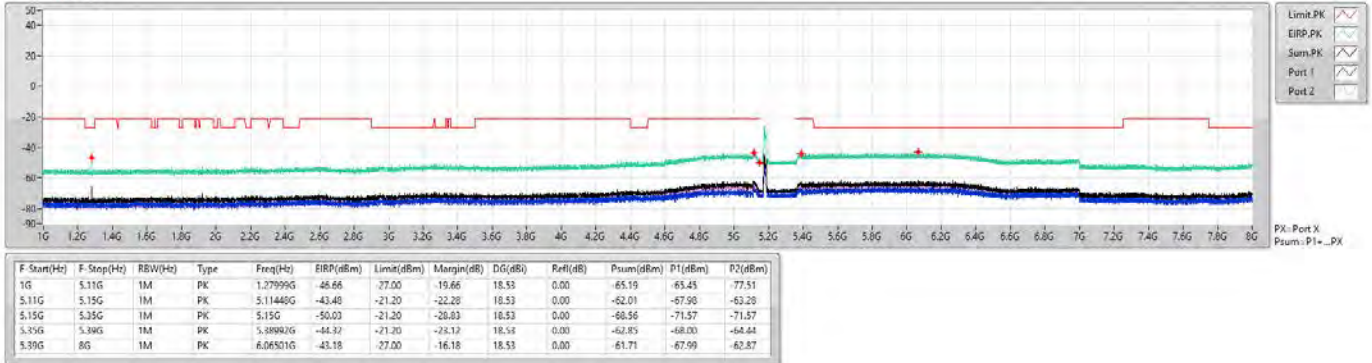
5775MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5180MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

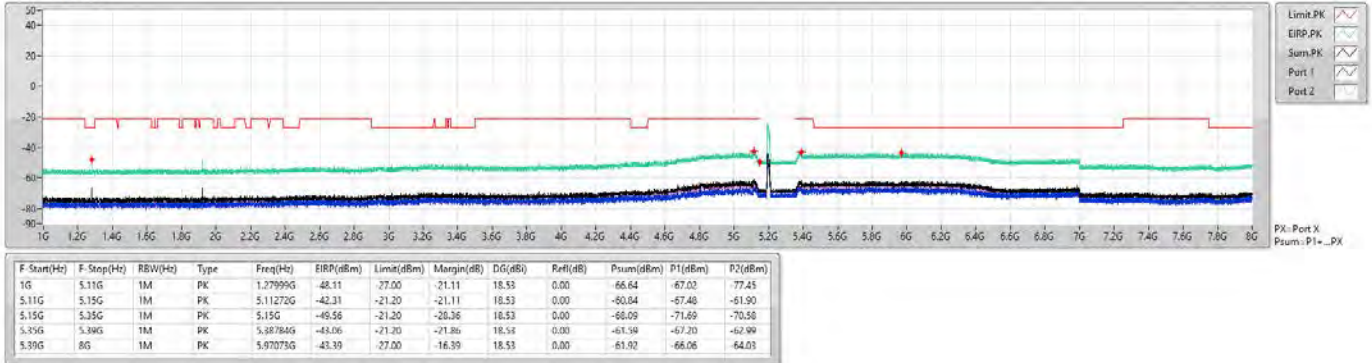
5180MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

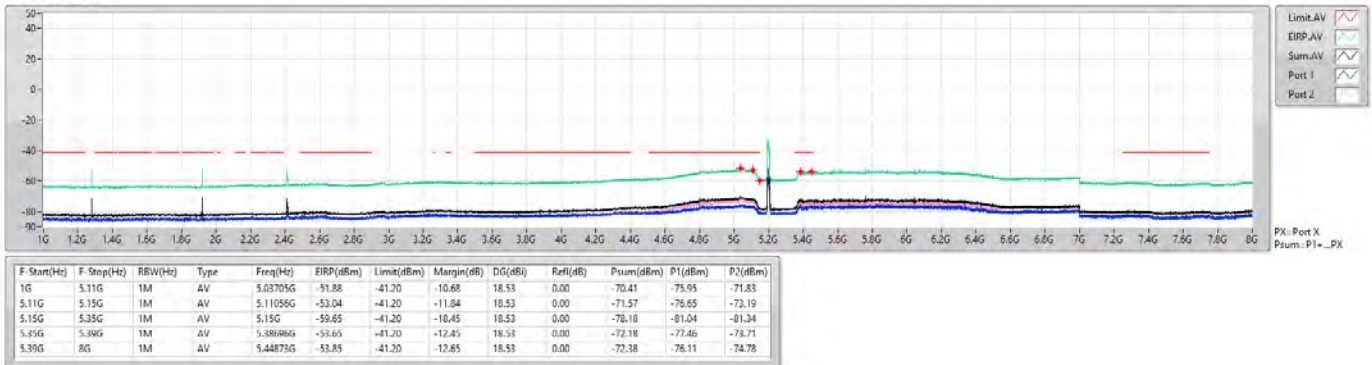
5200MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

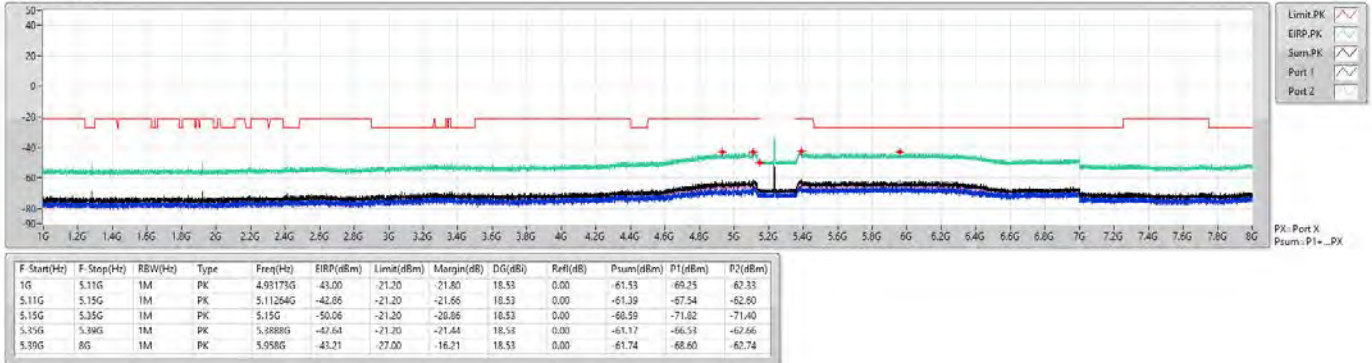
5200MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5240MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5240MHz

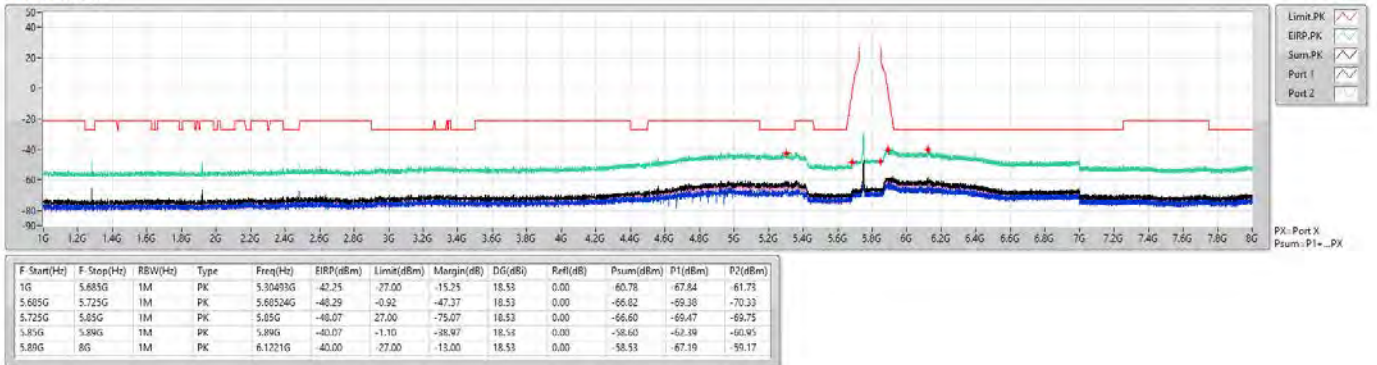


802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5745MHz

24/08/2022

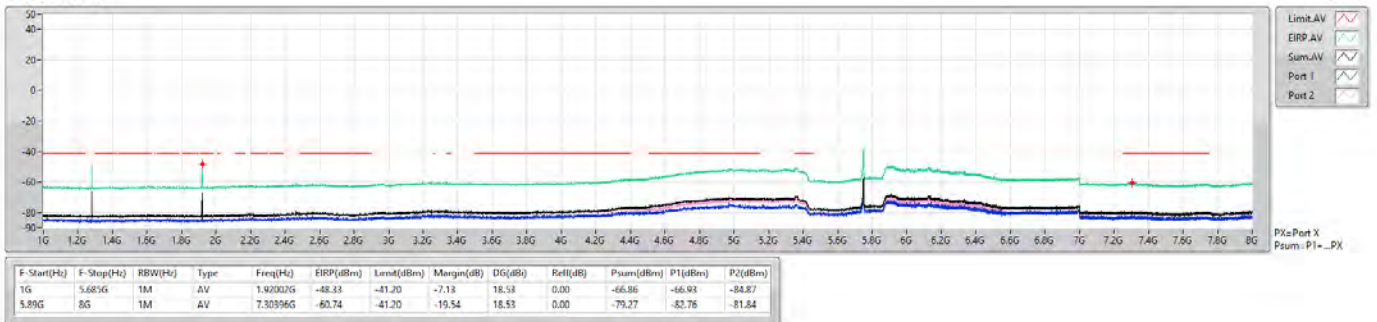


802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5745MHz

24/08/2022

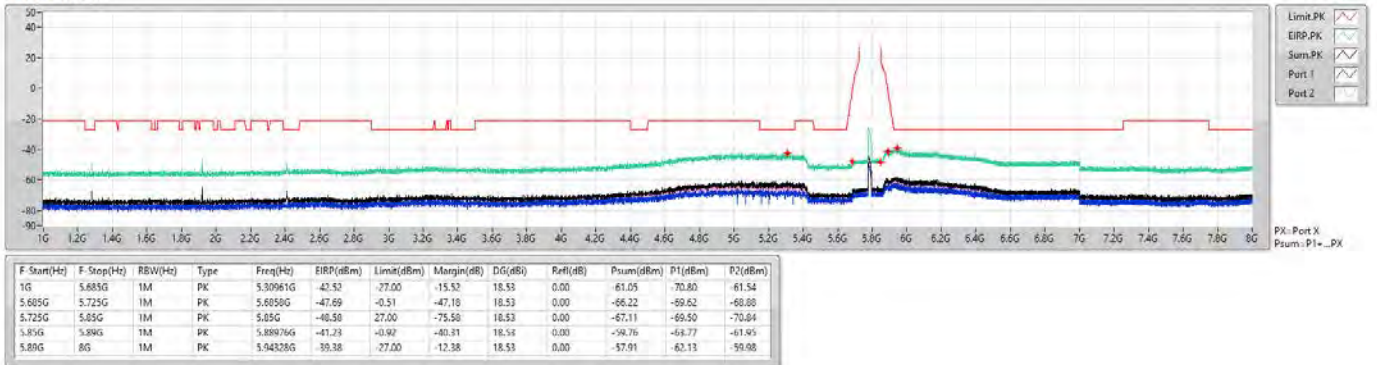


802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5785MHz

24/08/2022

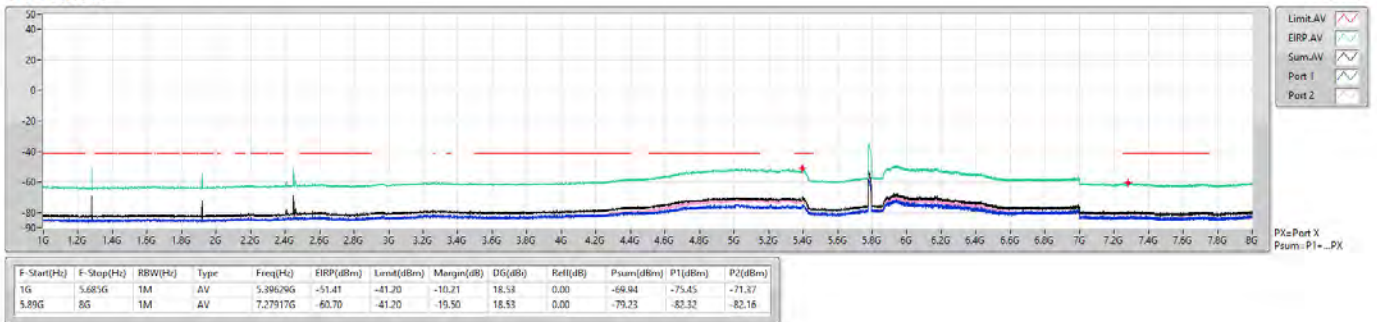


802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5785MHz

24/08/2022

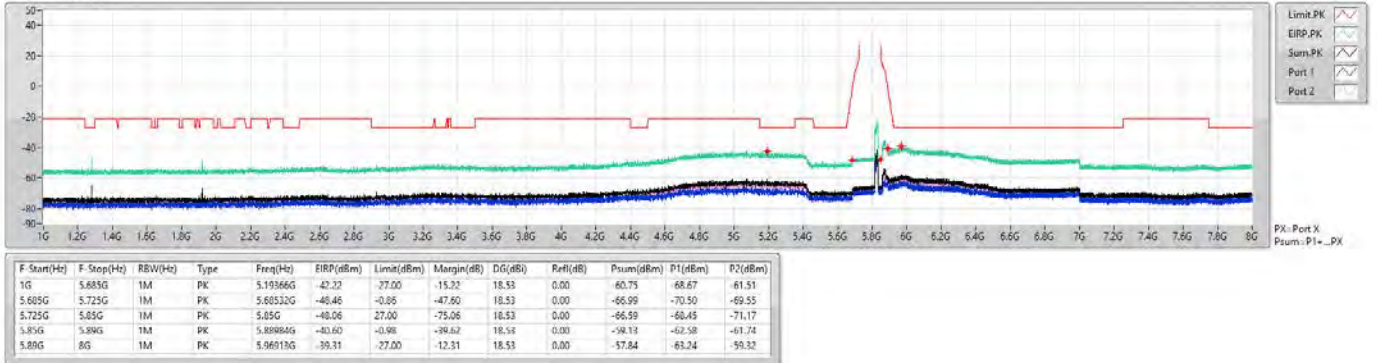


802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5825MHz

24/08/2022

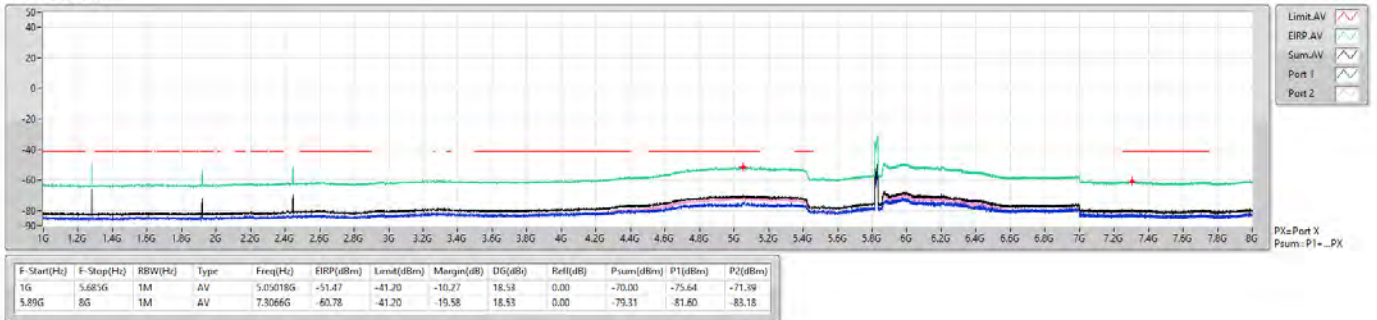


802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5825MHz

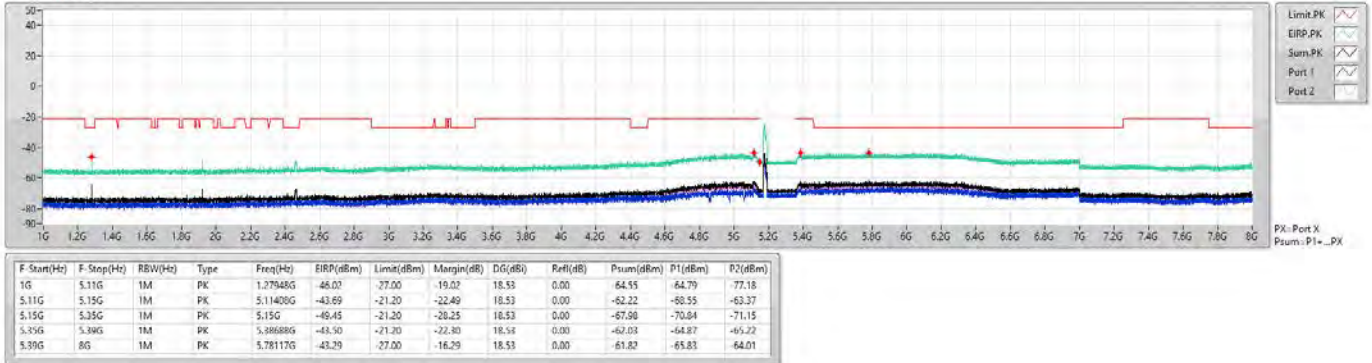
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5180MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5180MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

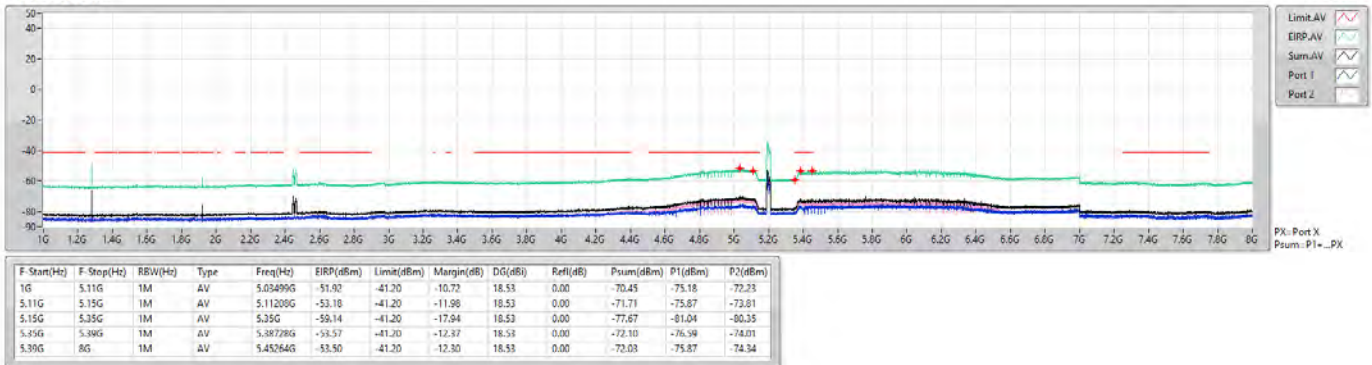
5200MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

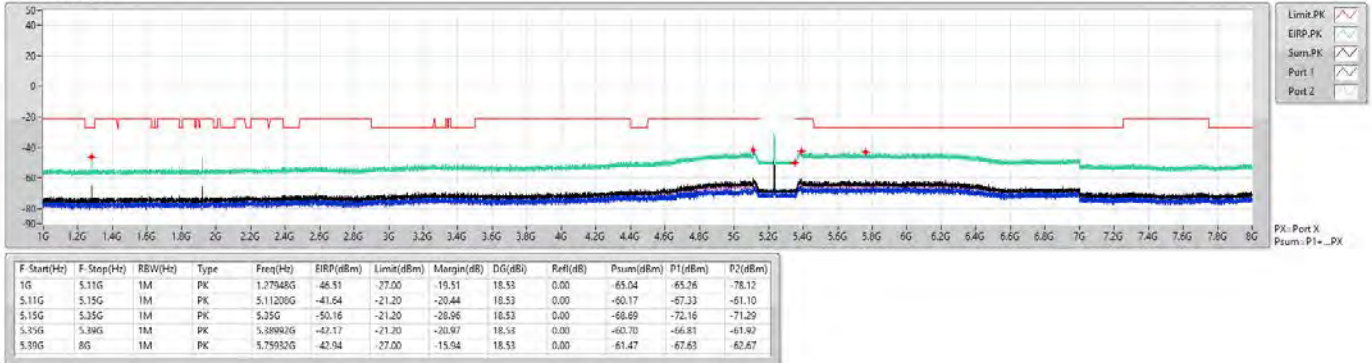
5200MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5240MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5240MHz

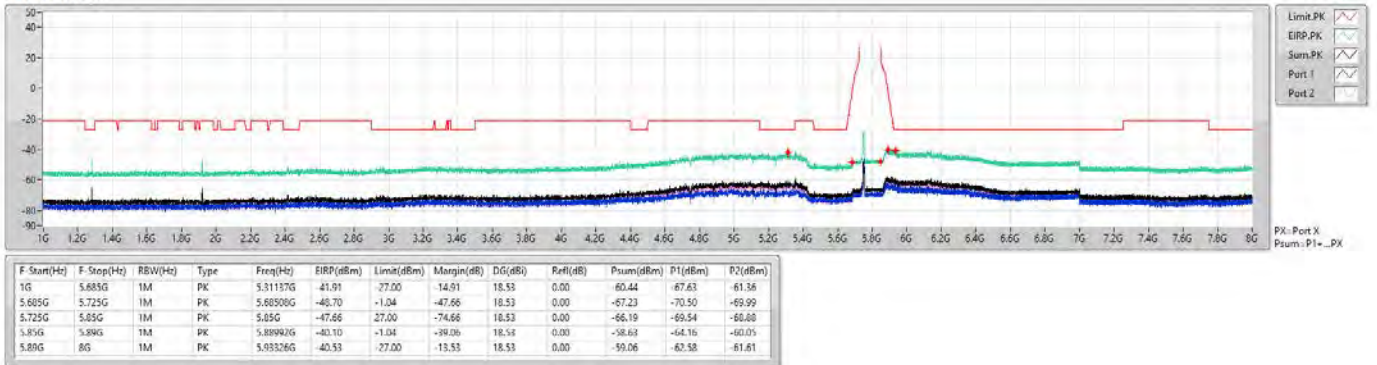


802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

5745MHz

24/08/2022

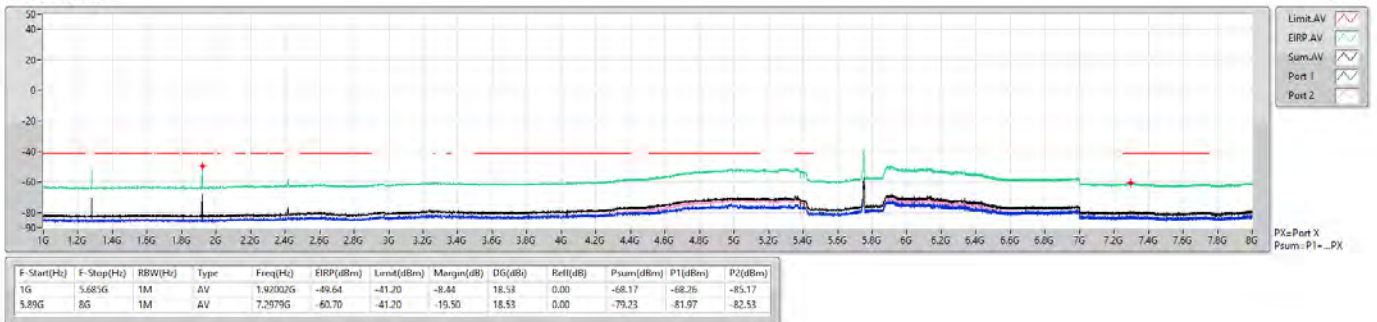


802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5745MHz

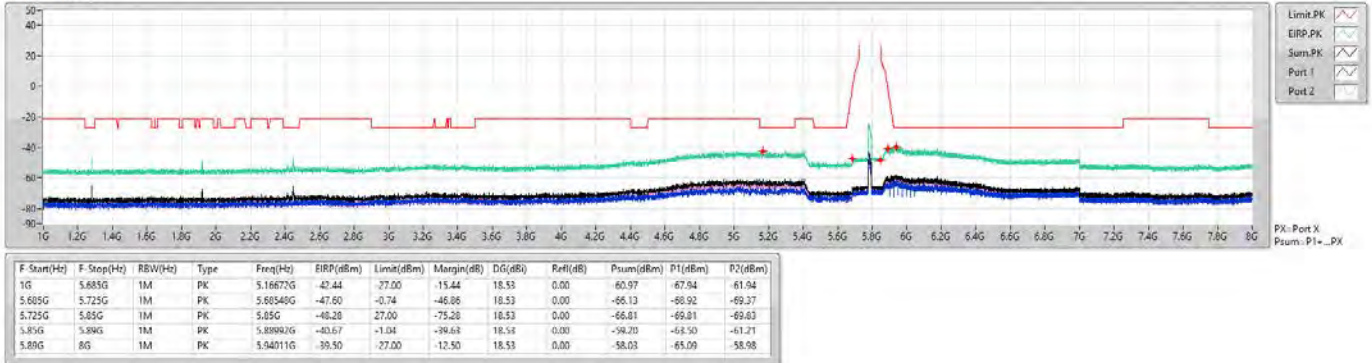
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

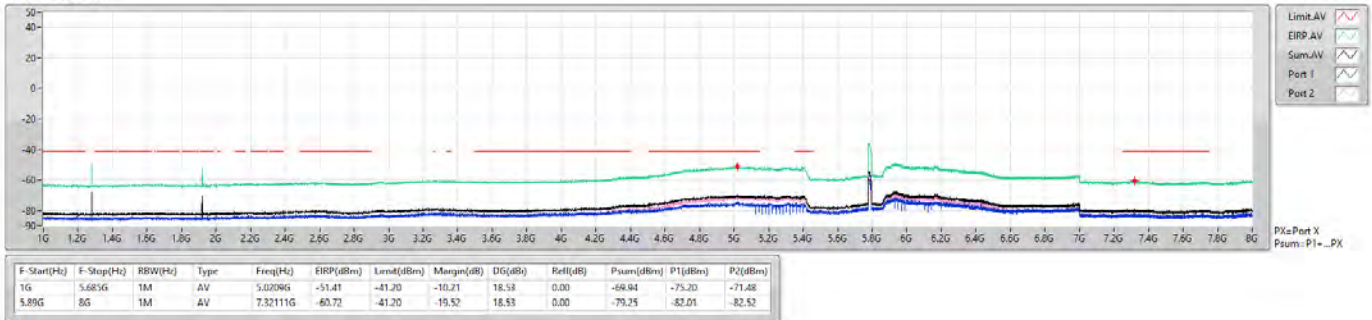
5785MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

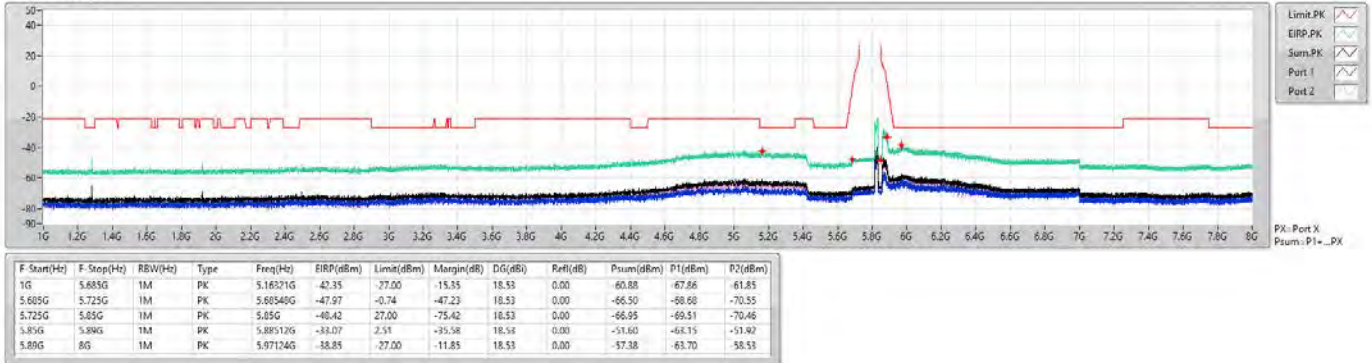
5785MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

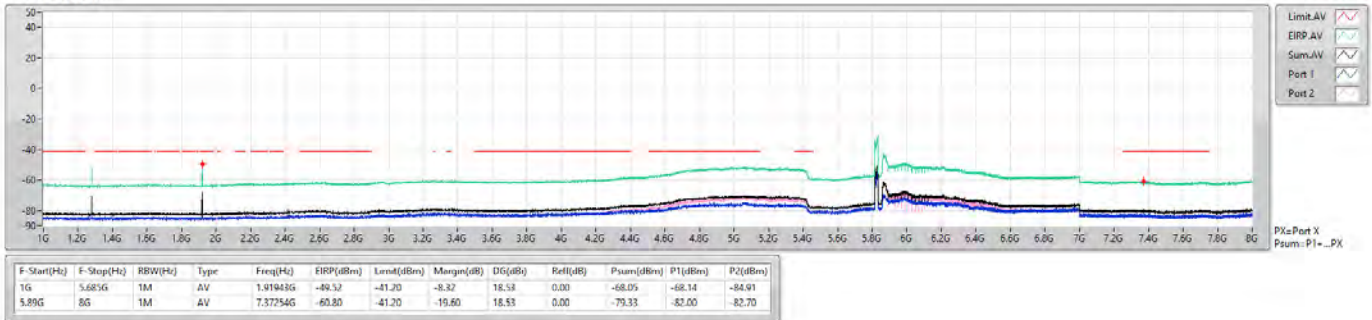
5825MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

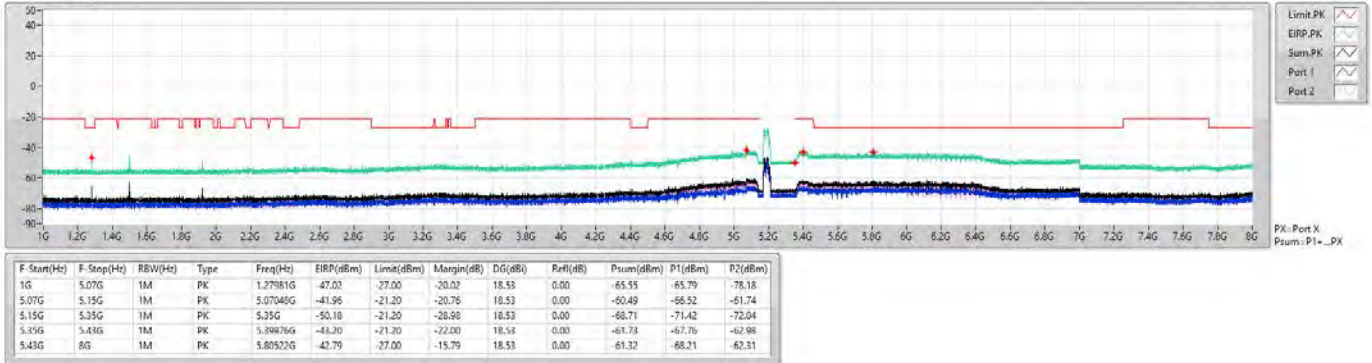
5825MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

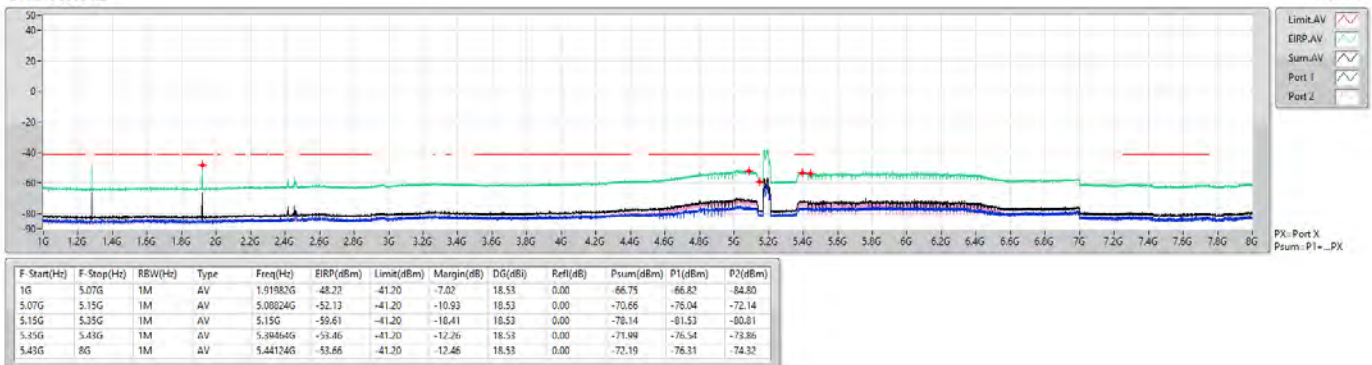
5190MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

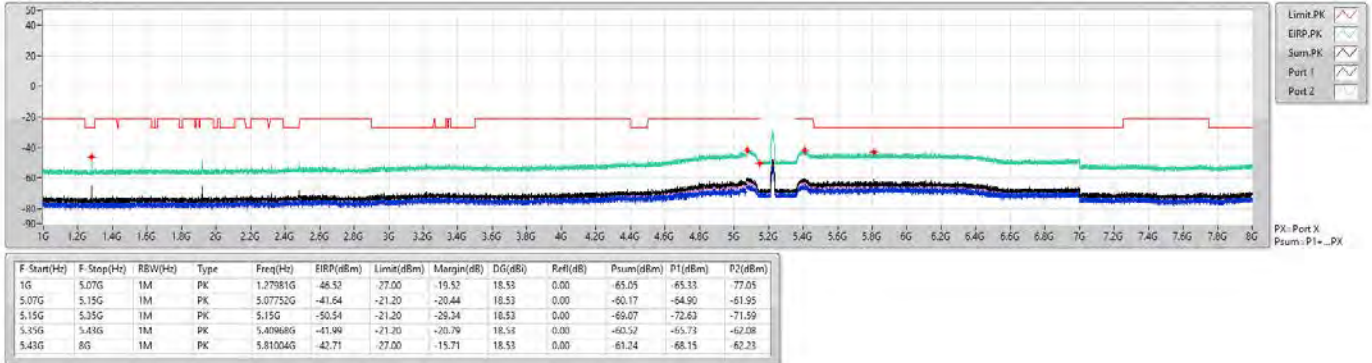
5190MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

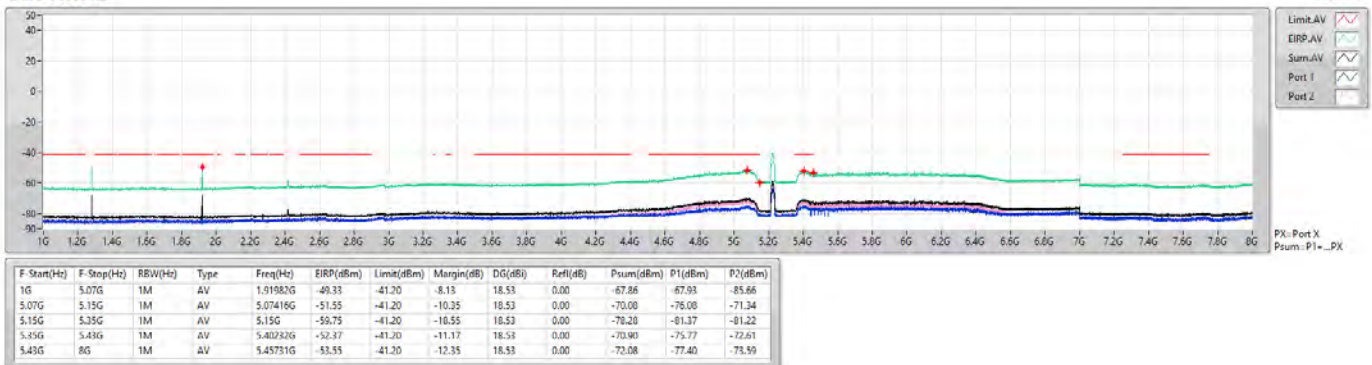
5230MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

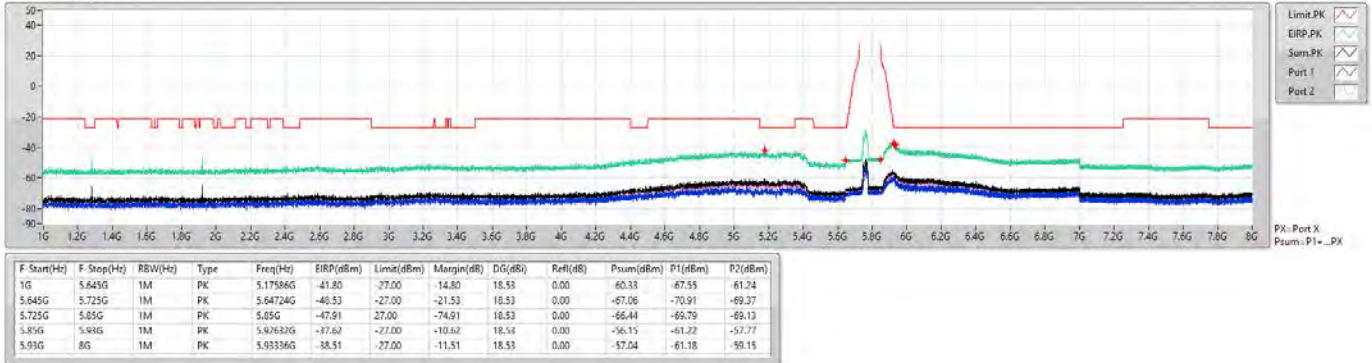
5230MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

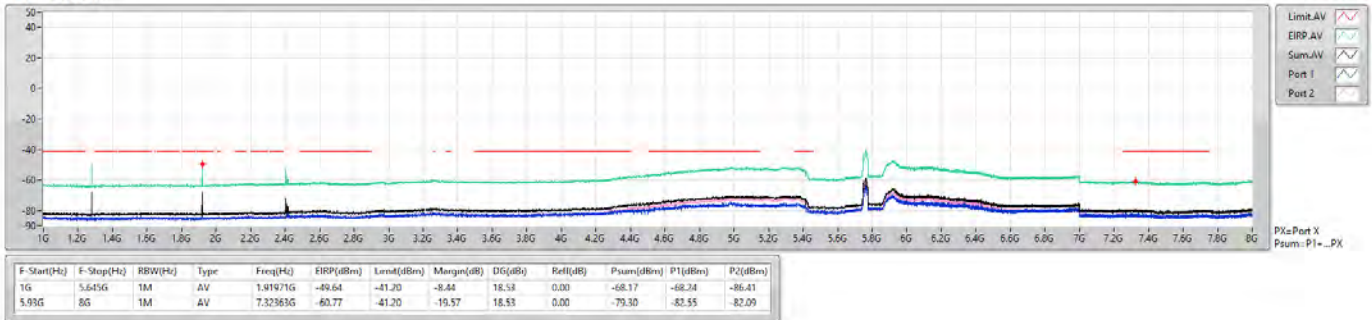
5755MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5755MHz

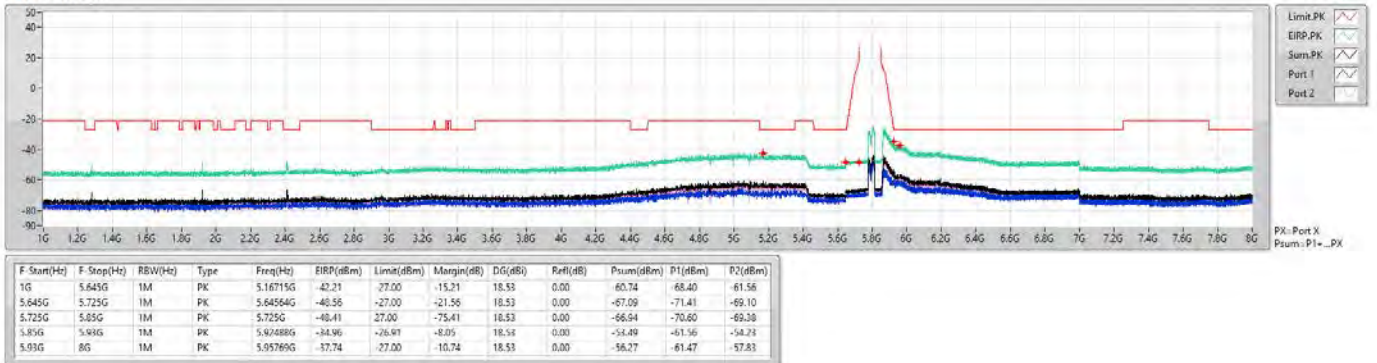


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

5795MHz

24/08/2022

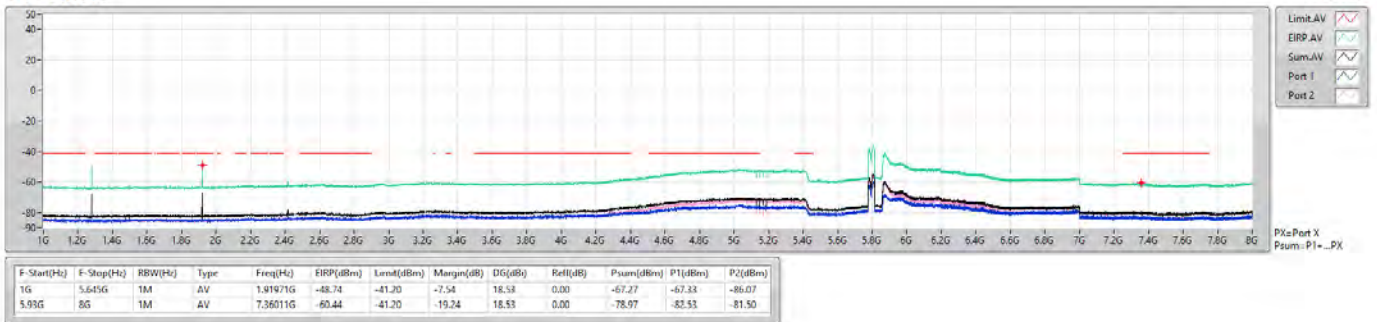


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5795MHz

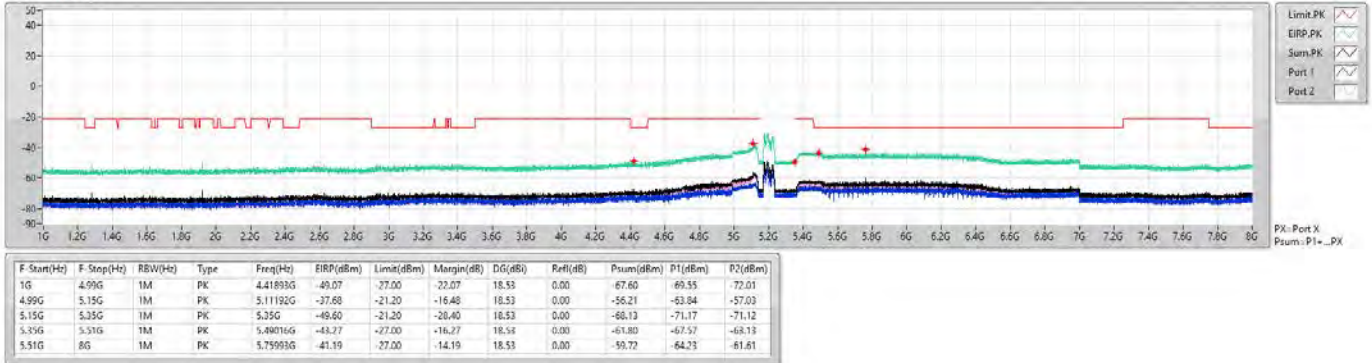
24/08/2022



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

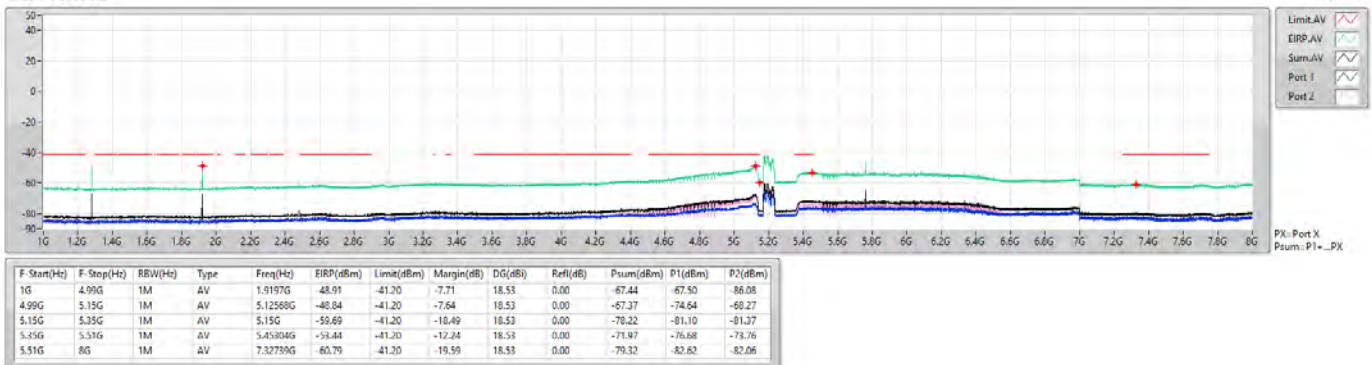
5210MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

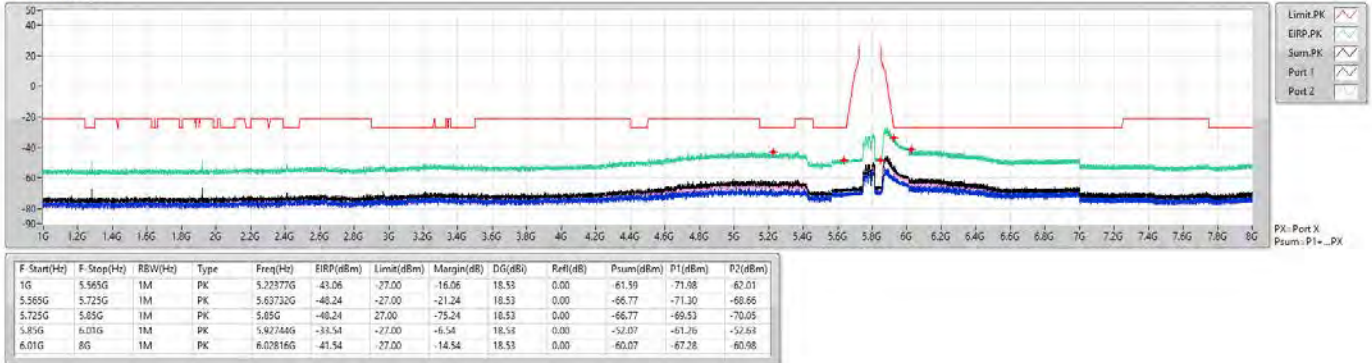
5210MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

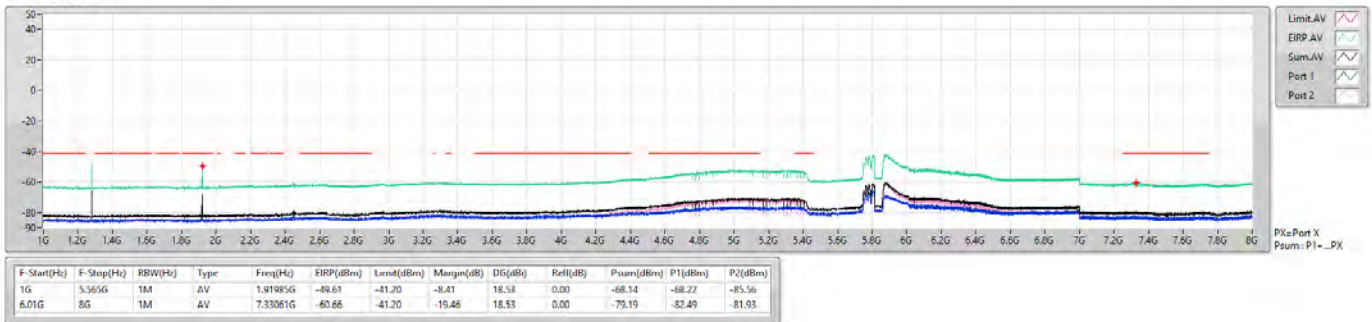
5775MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5775MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

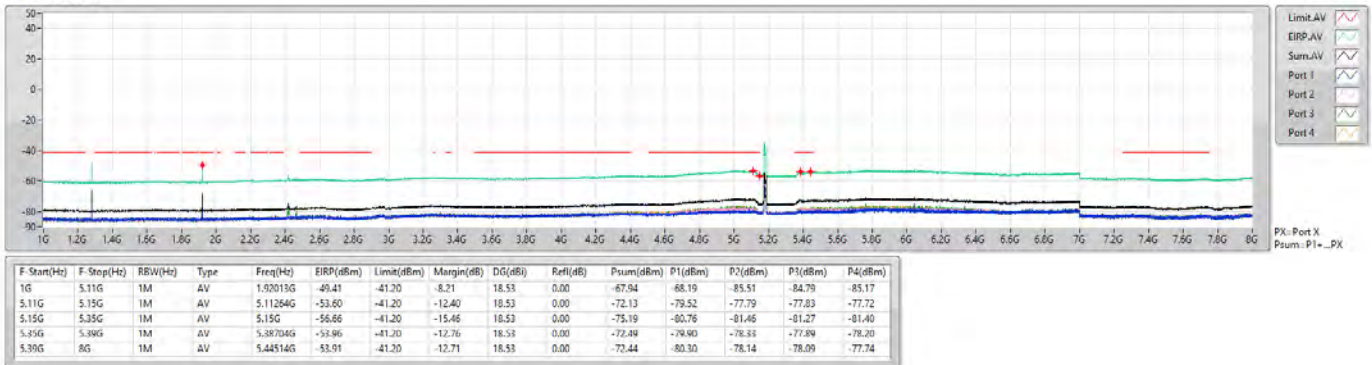
5180MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5180MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5200MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

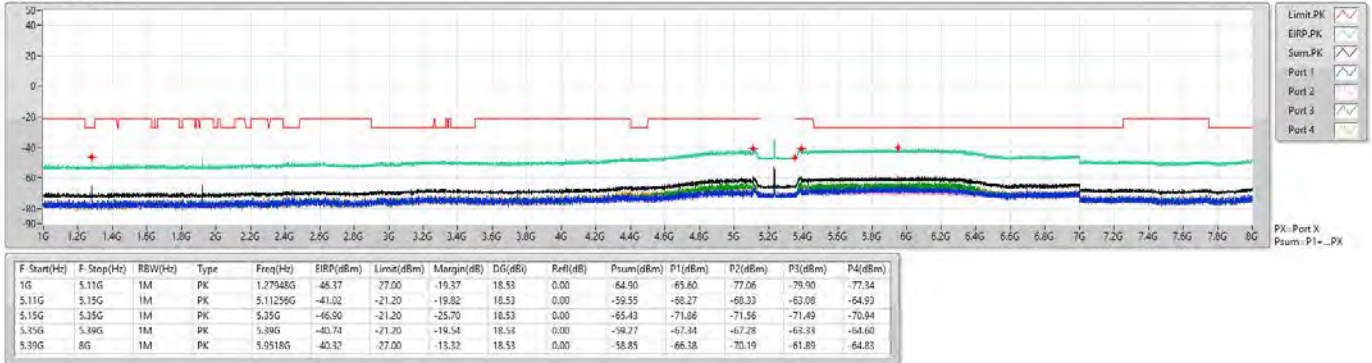
5200MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5240MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5240MHz

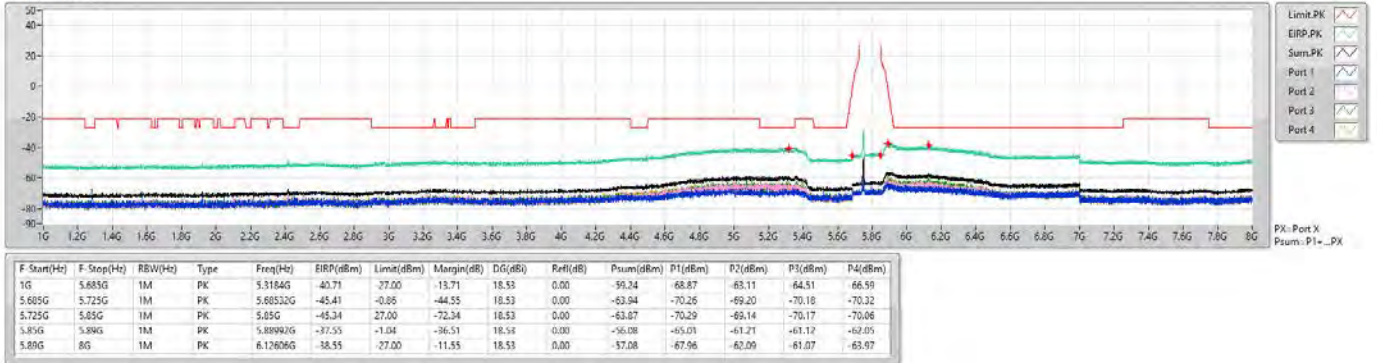


802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5745MHz

24/08/2022

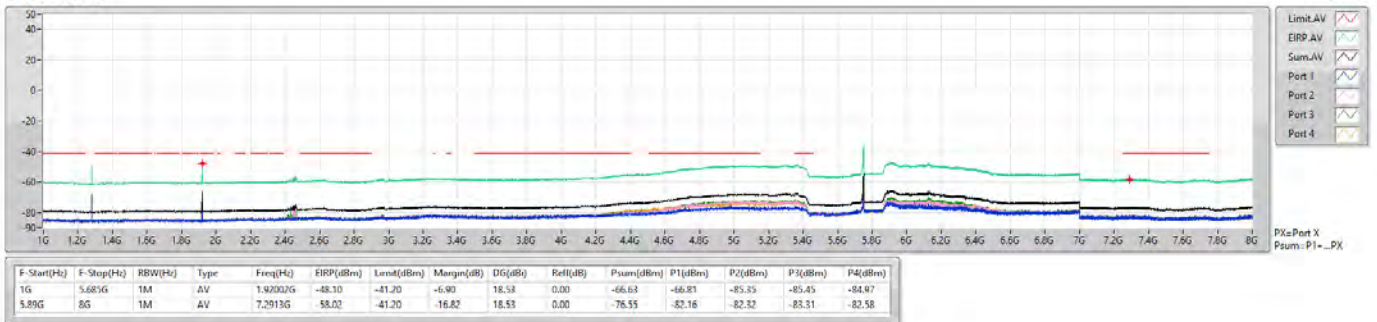


802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5745MHz

24/08/2022

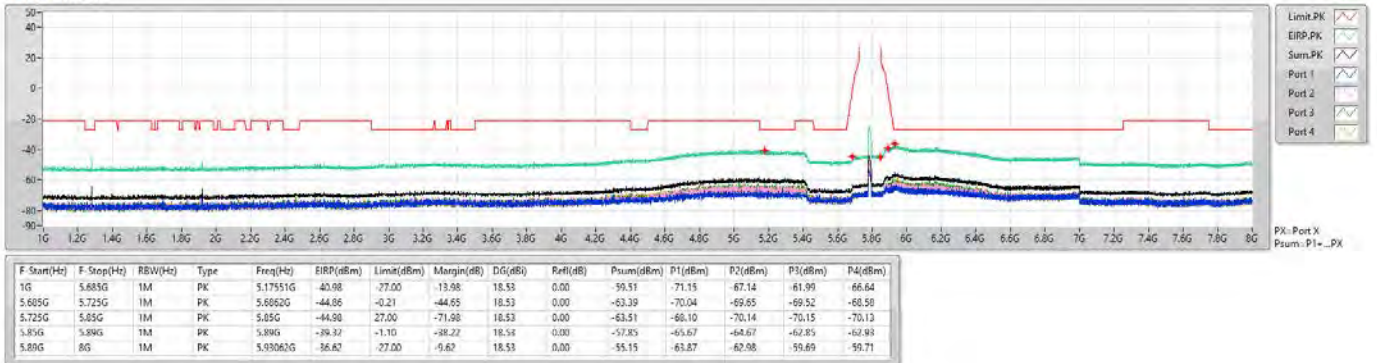


802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5785MHz

24/08/2022

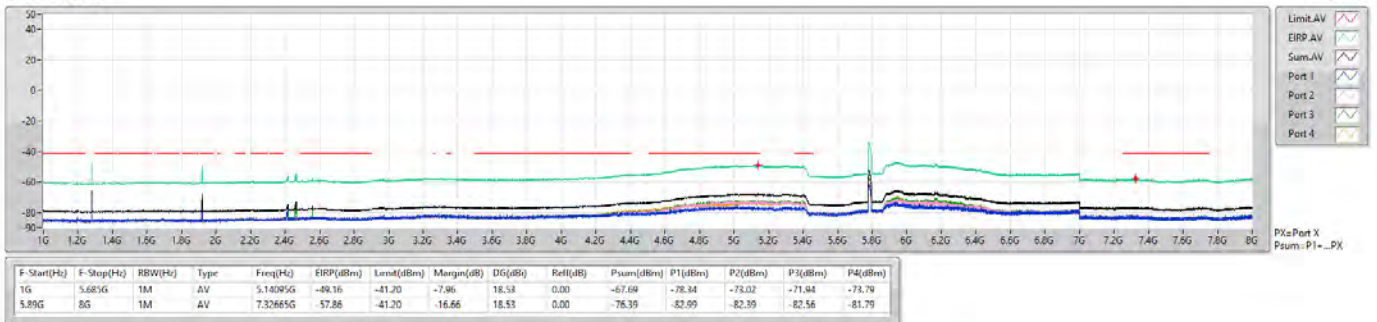


802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5785MHz

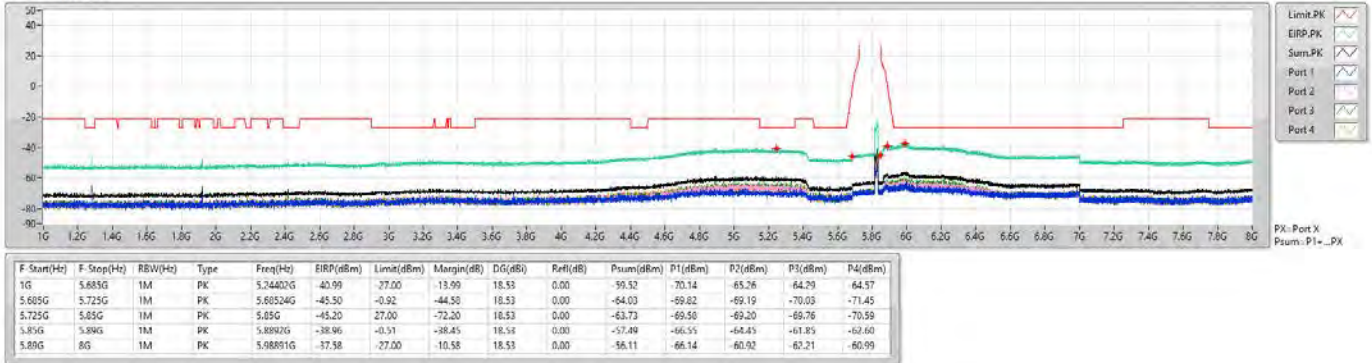
24/08/2022



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

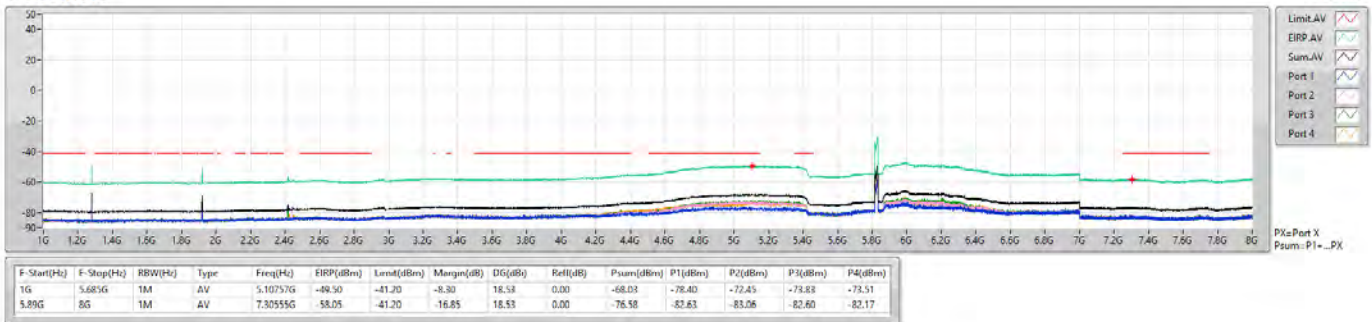
5825MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5825MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5180MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

5180MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5200MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

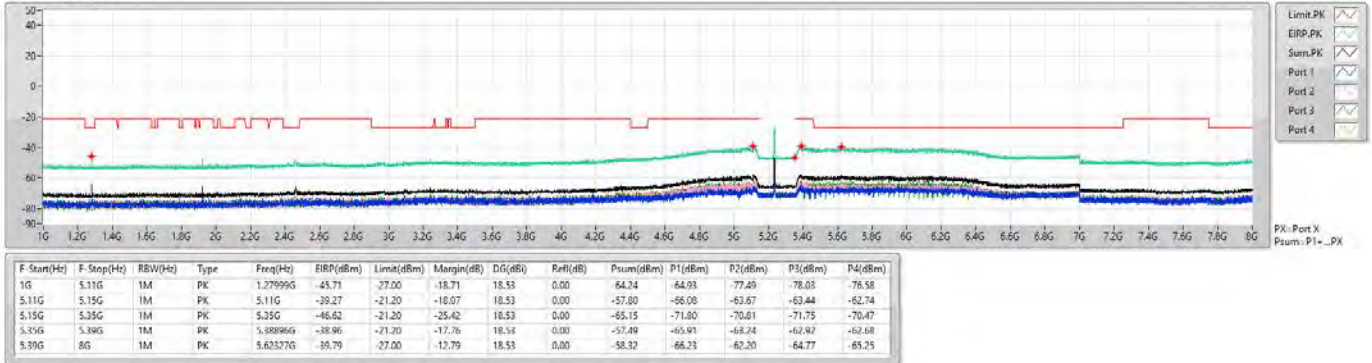
5200MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

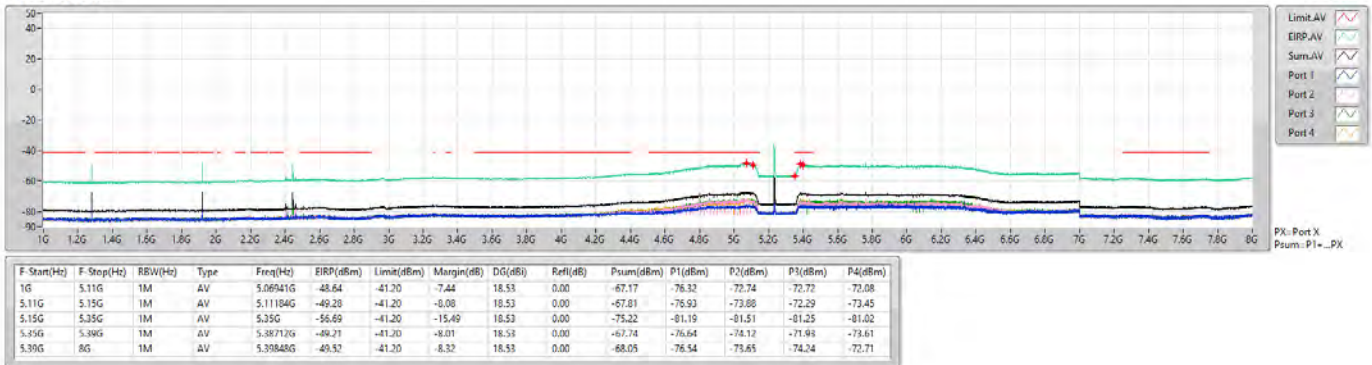
5240MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

5240MHz

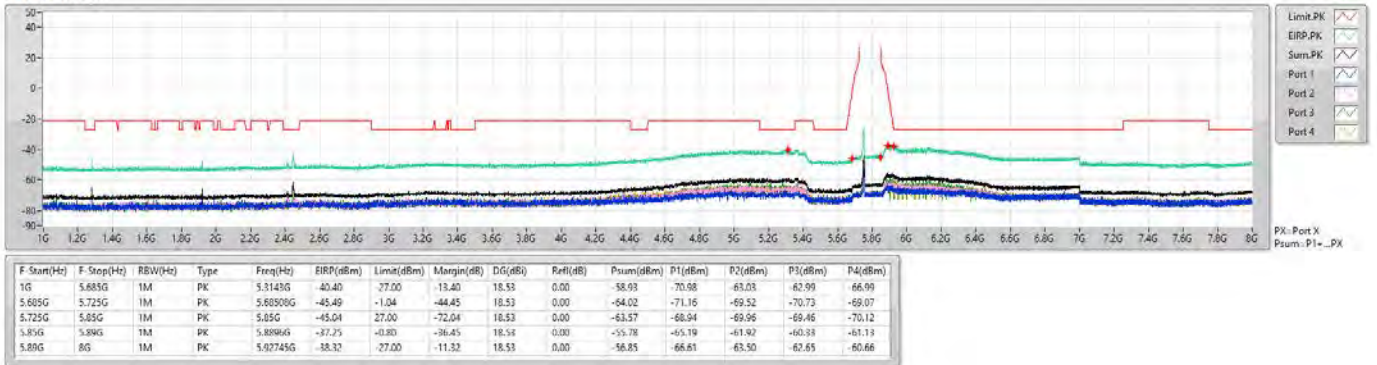


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5745MHz

24/08/2022

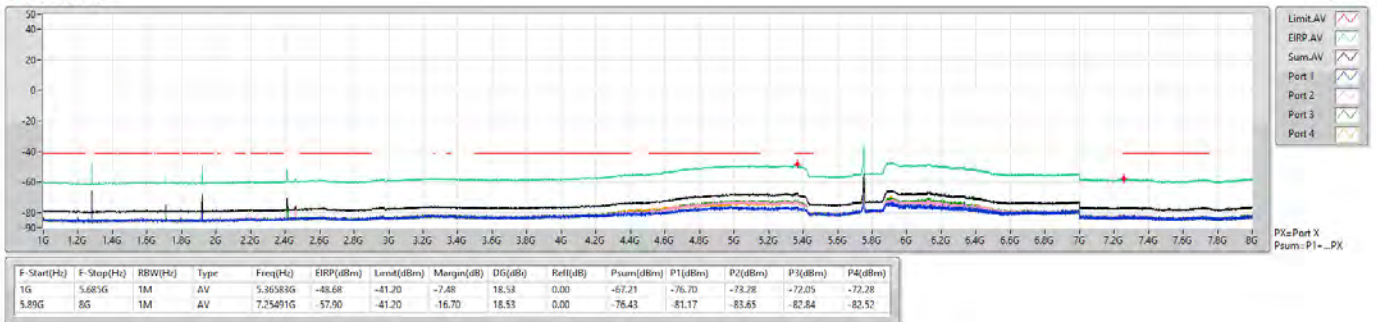


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

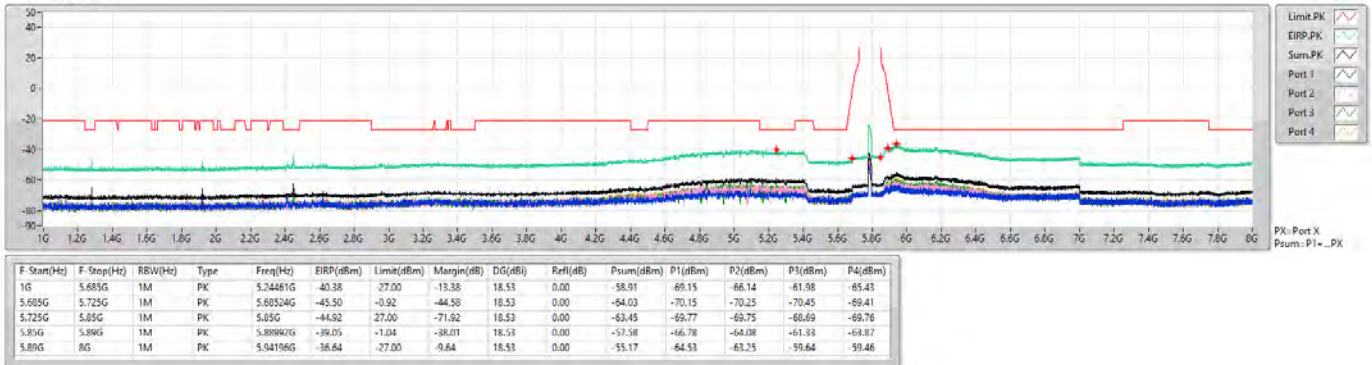
5745MHz

24/08/2022



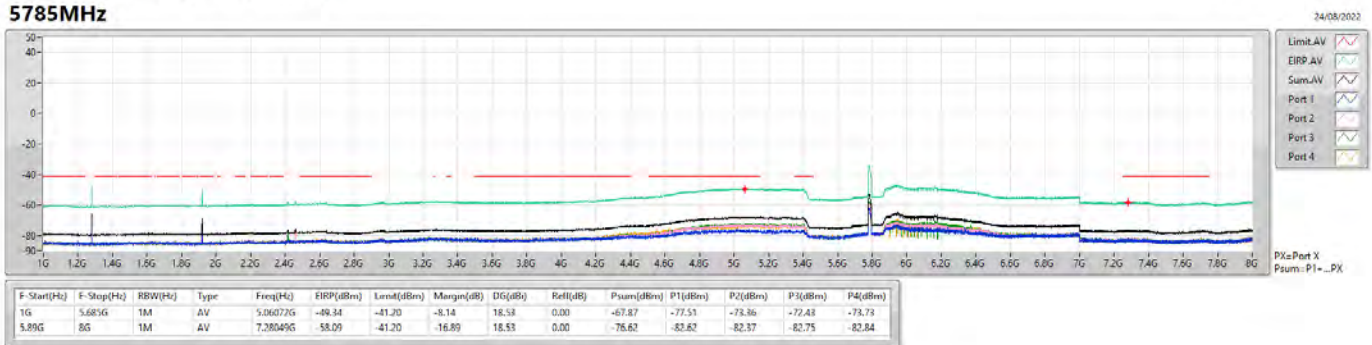
802.11ax HEW20_Nss1,(MCS0)_4TX
5785MHz

CSE Other [PK]



802.11ax HEW20_Nss1,(MCS0)_4TX
5785MHz

CSE Other [AV]

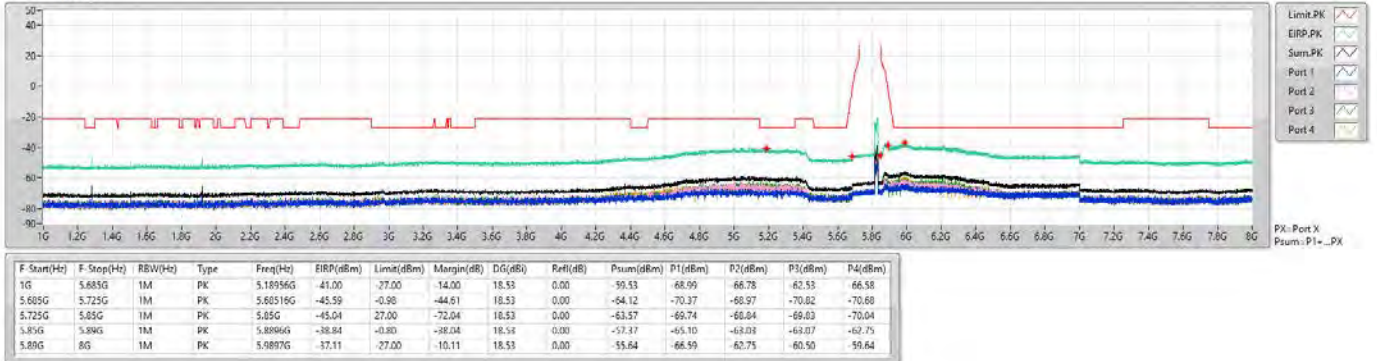


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5825MHz

24/08/2022

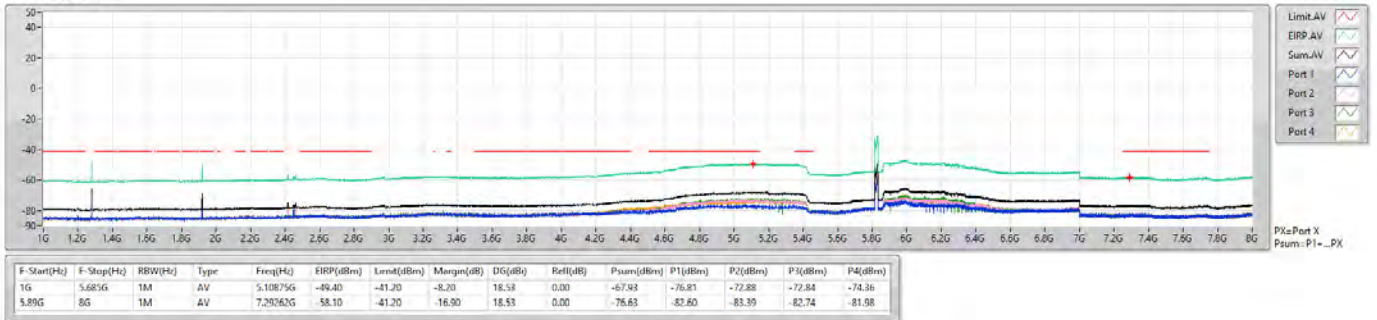


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

5825MHz

24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5190MHz

CSE Other [PK]

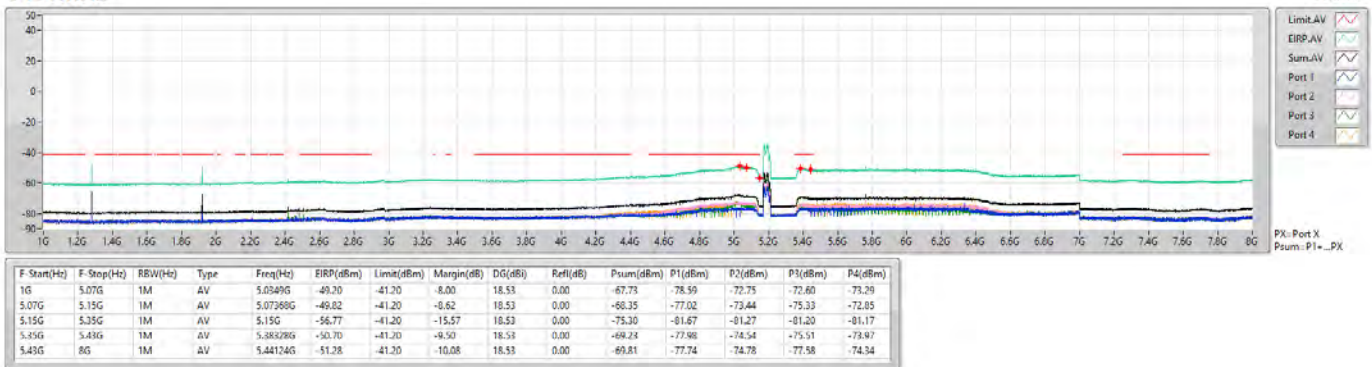
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5190MHz

CSE Other [AV]

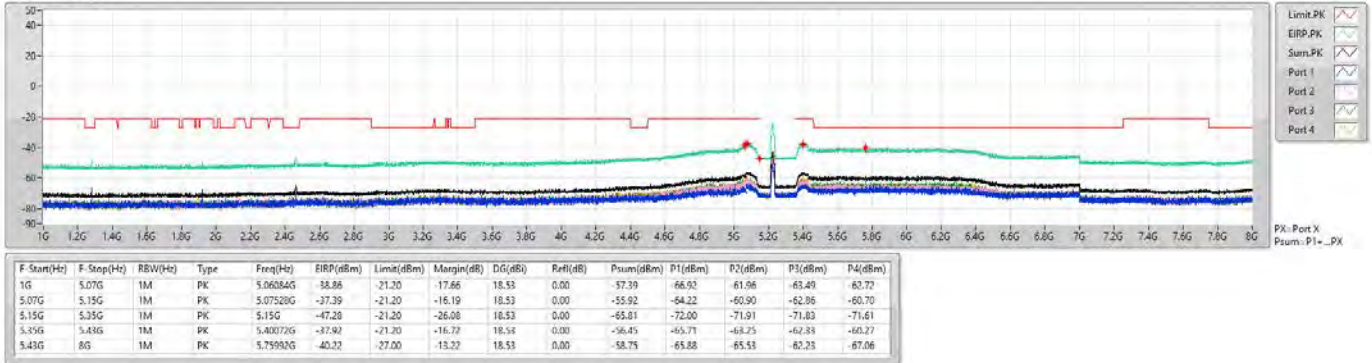
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [PK]

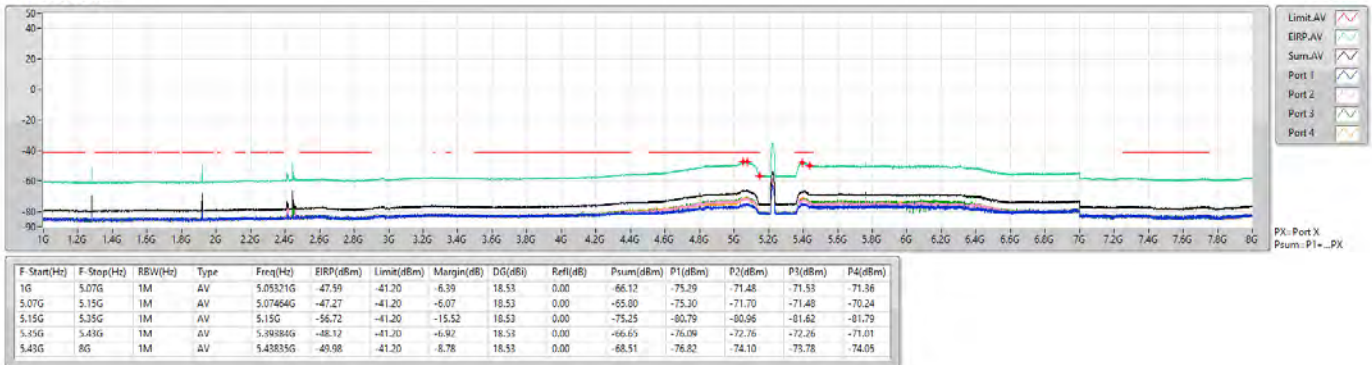
5230MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [AV]

5230MHz

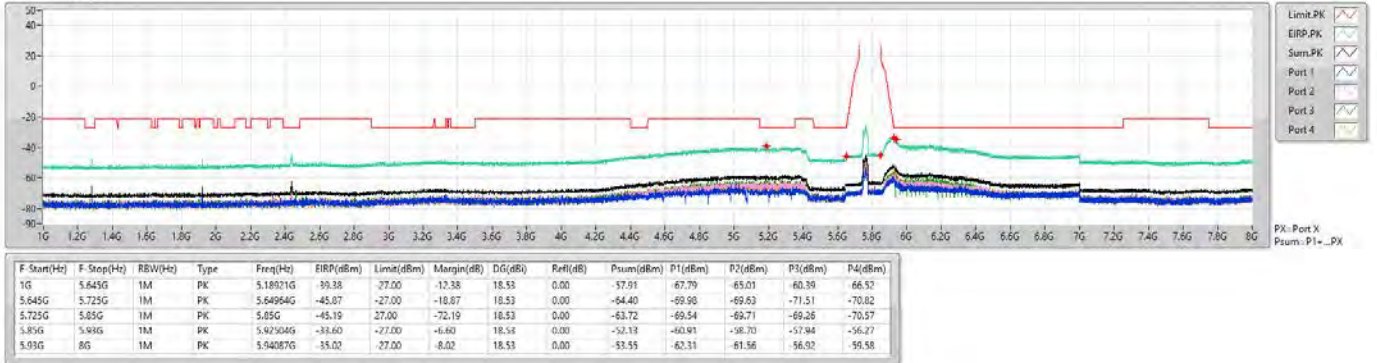


802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [PK]

5755MHz

24/08/2022

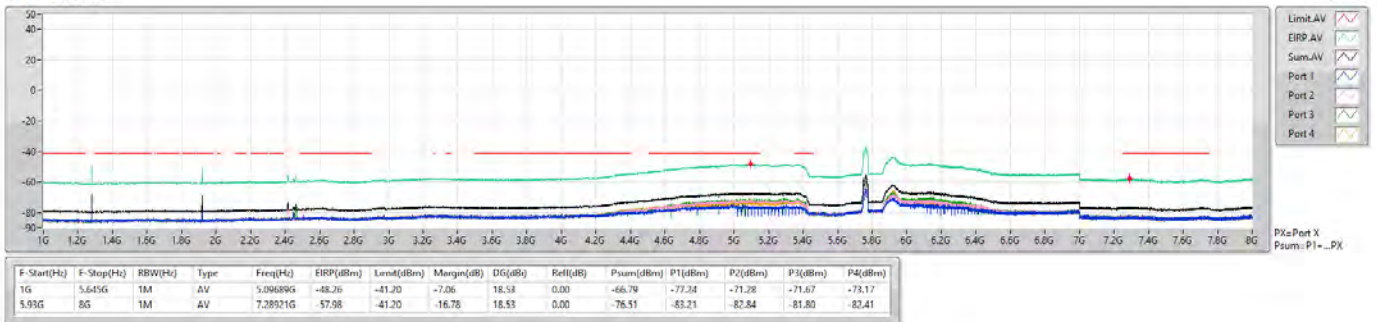


802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [AV]

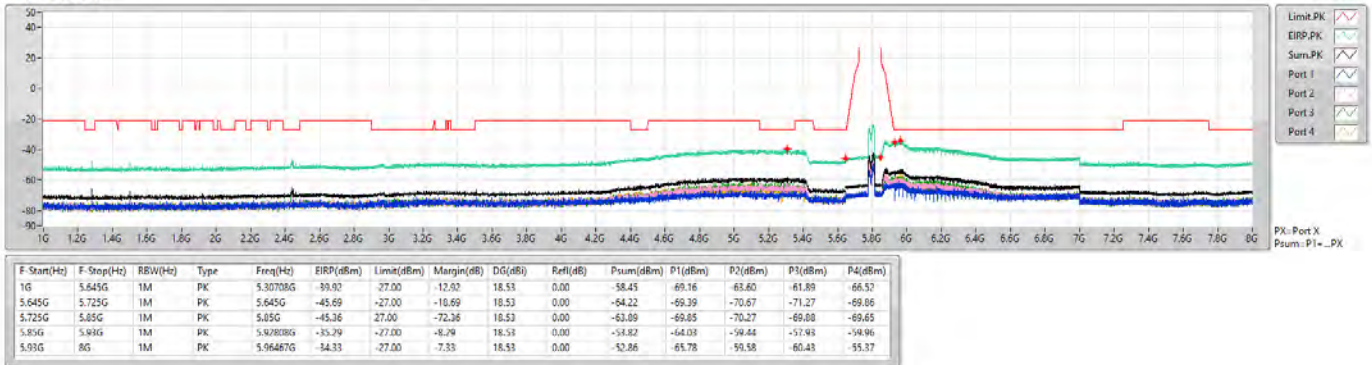
5755MHz

24/08/2022



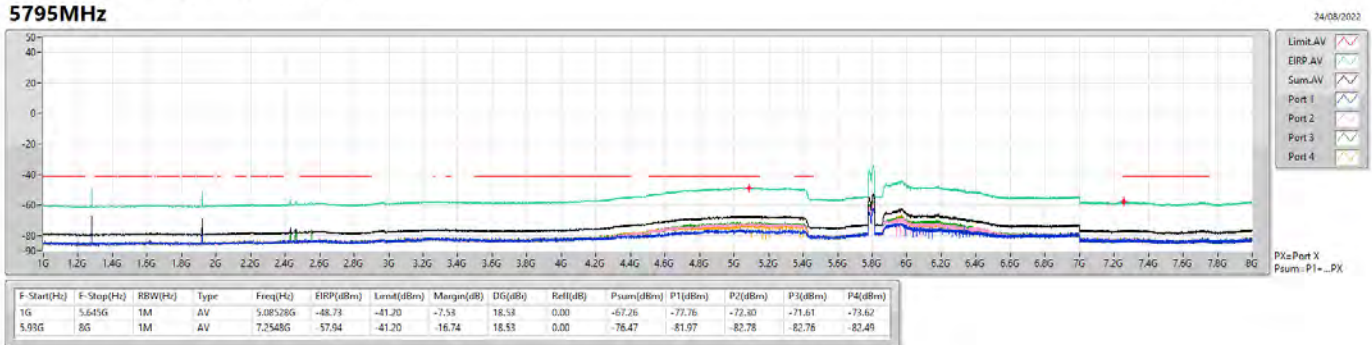
802.11ax HEW40_Nss1,(MCS0)_4TX
5795MHz

CSE Other [PK]



802.11ax HEW40_Nss1,(MCS0)_4TX
5795MHz

CSE Other [AV]



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [PK]

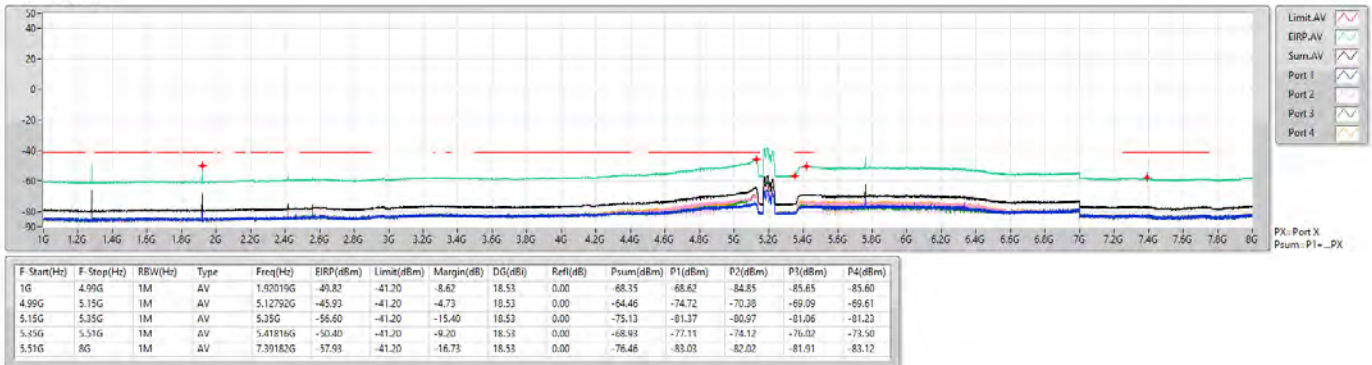
5210MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [AV]

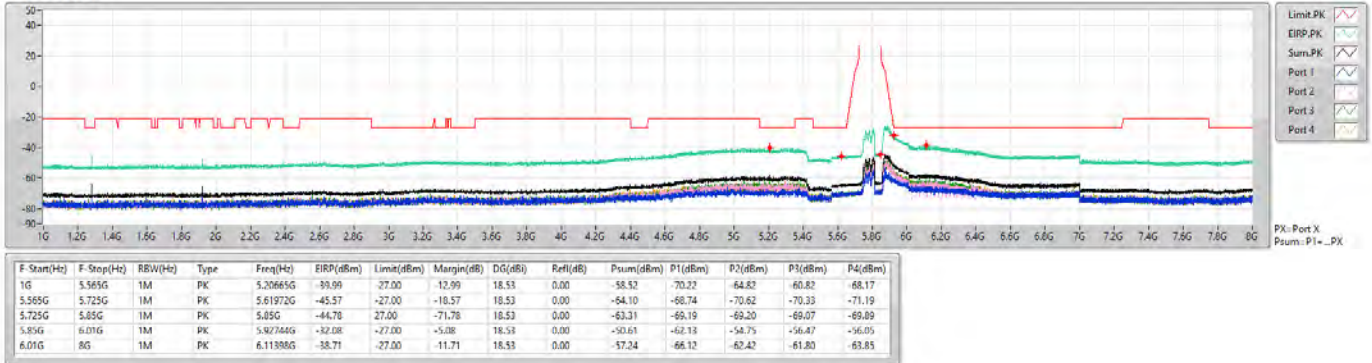
5210MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [PK]

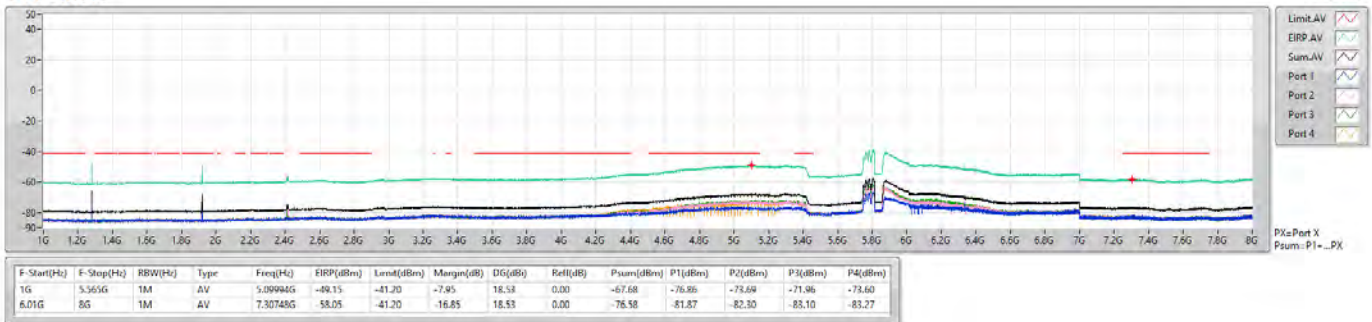
5775MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [AV]

5775MHz





CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.15

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	39.86G	18.53	-76.02				-76.02	-57.49	-41.20	-16.29
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.811G	18.53	-76.25				-76.25	-57.72	-41.20	-16.52
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8285G	18.53	-75.95				-75.95	-57.42	-41.20	-16.22
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8145G	18.53	-76.09				-76.09	-57.56	-41.20	-16.36
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	39.783G	18.53	-75.76	-76.76			-73.22	-54.69	-41.20	-13.49
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8075G	18.53	-75.89	-76.87			-73.34	-54.81	-41.20	-13.61
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.7935G	18.53	-76.67	-76.27			-73.46	-54.93	-41.20	-13.73
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.839G	18.53	-75.88	-77.13			-73.45	-54.92	-41.20	-13.72
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	39.8215G	18.53	-77.06	-75.43	-77.15	-76.17	-70.37	-51.84	-41.20	-10.64
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.35	-76.63	-76.60	-76.76	-70.56	-52.03	-41.20	-10.83
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.846G	18.53	-75.42	-76.55	-76.28	-76.98	-70.25	-51.72	-41.20	-10.52
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.846G	18.53	-76.45	-76.70	-76.54	-76.72	-70.58	-52.05	-41.20	-10.85
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	39.818G	18.53	-76.10				-76.10	-57.57	-41.20	-16.37
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.783G	18.53	-75.97				-75.97	-57.44	-41.20	-16.24
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8145G	18.53	-76.06				-76.06	-57.53	-41.20	-16.33
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.818G	18.53	-76.48				-76.48	-57.95	-41.20	-16.75
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	39.804G	18.53	-76.47	-76.53			-73.49	-54.96	-41.20	-13.76
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8145G	18.53	-76.29	-76.23			-73.25	-54.72	-41.20	-13.52
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8005G	18.53	-76.12	-76.79			-73.43	-54.90	-41.20	-13.70
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.839G	18.53	-76.18	-76.19			-73.17	-54.64	-41.20	-13.44
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	39.776G	18.53	-76.82	-76.77	-77.04	-75.80	-70.56	-52.03	-41.20	-10.83
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.8285G	18.53	-75.68	-76.77	-76.90	-76.70	-70.46	-51.93	-41.20	-10.73
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.50	-75.78	-76.72	-76.15	-70.25	-51.72	-41.20	-10.52
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.51	-76.39	-76.13	-77.03	-70.48	-51.95	-41.20	-10.75

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.15

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-88.22				-88.22	-69.69	-41.20	-28.49
5180MHz	Pass	8G	12G	AV	11.4115G	18.53	-85.99				-85.99	-67.46	-41.20	-26.26
5180MHz	Pass	12G	40G	AV	39.86G	18.53	-76.02				-76.02	-57.49	-41.20	-16.29
5180MHz	Pass	8G	12G	PK	10.3725G	18.53	-75.93				-75.93	-57.40	-27.00	-30.40
5180MHz	Pass	12G	40G	PK	38.481G	18.53	-69.45				-69.45	-50.92	-27.00	-23.92
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.97				-86.97	-68.44	-41.20	-27.24
5200MHz	Pass	8G	12G	AV	10.972G	18.53	-86.09				-86.09	-67.56	-41.20	-26.36
5200MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.27				-76.27	-57.74	-41.20	-16.54
5200MHz	Pass	8G	12G	PK	10.4015G	18.53	-72.63				-72.63	-54.10	-27.00	-27.10
5200MHz	Pass	12G	40G	PK	38.5895G	18.53	-68.44				-68.44	-49.91	-27.00	-22.91
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-87.74				-87.74	-69.21	-41.20	-28.01
5240MHz	Pass	8G	12G	AV	11.3065G	18.53	-86.15				-86.15	-67.62	-41.20	-26.42
5240MHz	Pass	12G	40G	AV	39.8635G	18.53	-76.49				-76.49	-57.96	-41.20	-16.76
5240MHz	Pass	8G	12G	PK	10.486G	18.53	-73.04				-73.04	-54.51	-27.00	-27.51
5240MHz	Pass	12G	40G	PK	38.5825G	18.53	-69.59				-69.59	-51.06	-27.00	-24.06
5745MHz	Pass	8G	12G	AV	11.492G	18.53	-78.75				-78.75	-60.22	-41.20	-19.02
5745MHz	Pass	12G	40G	AV	39.8005G	18.53	-76.32				-76.32	-57.79	-41.20	-16.59
5745MHz	Pass	8G	12G	PK	11.491G	18.53	-68.66				-68.66	-50.13	-21.20	-28.93
5745MHz	Pass	12G	40G	PK	38.5545G	18.53	-69.72				-69.72	-51.19	-27.00	-24.19
5785MHz	Pass	8G	12G	AV	11.5805G	18.53	-81.52				-81.52	-62.99	-41.20	-21.79
5785MHz	Pass	12G	40G	AV	39.818G	18.53	-76.10				-76.10	-57.57	-41.20	-16.37
5785MHz	Pass	8G	12G	PK	9.5555G	18.53	-76.64				-76.64	-58.11	-27.00	-31.11
5785MHz	Pass	8G	12G	PK	11.5795G	18.53	-71.15				-71.15	-52.62	-21.20	-31.42
5785MHz	Pass	12G	40G	PK	38.4425G	18.53	-69.68				-69.68	-51.15	-27.00	-24.15
5825MHz	Pass	8G	12G	AV	10.976G	18.53	-86.14				-86.14	-67.61	-41.20	-26.41
5825MHz	Pass	8G	12G	AV	11.651G	18.53	-86.29				-86.29	-67.76	-41.20	-26.56
5825MHz	Pass	12G	40G	AV	39.8075G	18.53	-76.22				-76.22	-57.69	-41.20	-16.49
5825MHz	Pass	8G	12G	PK	9.2975G	18.53	-75.67				-75.67	-57.14	-27.00	-30.14
5825MHz	Pass	8G	12G	PK	11.6385G	18.53	-76.87				-76.87	-58.34	-21.20	-37.14
5825MHz	Pass	12G	40G	PK	38.3655G	18.53	-69.57				-69.57	-51.04	-27.00	-24.04
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-88.41				-88.41	-69.88	-41.20	-28.68
5180MHz	Pass	8G	12G	AV	11.986G	18.53	-86.20				-86.20	-67.67	-41.20	-26.47
5180MHz	Pass	12G	40G	AV	39.811G	18.53	-76.25				-76.25	-57.72	-41.20	-16.52
5180MHz	Pass	8G	12G	PK	10.3765G	18.53	-76.67				-76.67	-58.14	-27.00	-31.14
5180MHz	Pass	12G	40G	PK	38.117G	18.53	-69.85				-69.85	-51.32	-27.00	-24.32
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-88.14				-88.14	-69.61	-41.20	-28.41
5200MHz	Pass	8G	12G	AV	11.8235G	18.53	-86.13				-86.13	-67.60	-41.20	-26.40
5200MHz	Pass	12G	40G	AV	39.7865G	18.53	-76.45				-76.45	-57.92	-41.20	-16.72
5200MHz	Pass	8G	12G	PK	10.402G	18.53	-72.70				-72.70	-54.17	-27.00	-27.17
5200MHz	Pass	12G	40G	PK	38.3655G	18.53	-69.82				-69.82	-51.29	-27.00	-24.29
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-88.35				-88.35	-69.82	-41.20	-28.62
5240MHz	Pass	8G	12G	AV	11.997G	18.53	-86.13				-86.13	-67.60	-41.20	-26.40
5240MHz	Pass	12G	40G	AV	39.853G	18.53	-76.36				-76.36	-57.83	-41.20	-16.63
5240MHz	Pass	8G	12G	PK	10.493G	18.53	-71.99				-71.99	-53.46	-27.00	-26.46
5240MHz	Pass	12G	40G	PK	38.502G	18.53	-69.60				-69.60	-51.07	-27.00	-24.07
5745MHz	Pass	8G	12G	AV	11.4885G	18.53	-80.18				-80.18	-61.65	-41.20	-20.45
5745MHz	Pass	12G	40G	AV	39.783G	18.53	-75.97				-75.97	-57.44	-41.20	-16.24
5745MHz	Pass	8G	12G	PK	11.4915G	18.53	-69.92				-69.92	-51.39	-21.20	-30.19
5745MHz	Pass	12G	40G	PK	38.4215G	18.53	-68.99				-68.99	-50.46	-27.00	-23.46
5785MHz	Pass	8G	12G	AV	11.578G	18.53	-81.80				-81.80	-63.27	-41.20	-22.07
5785MHz	Pass	12G	40G	AV	39.8635G	18.53	-76.12				-76.12	-57.59	-41.20	-16.39
5785MHz	Pass	8G	12G	PK	9.5375G	18.53	-75.58				-75.58	-57.05	-27.00	-30.05
5785MHz	Pass	8G	12G	PK	11.5825G	18.53	-71.61				-71.61	-53.08	-21.20	-31.88
5785MHz	Pass	12G	40G	PK	37.76G	18.53	-69.18				-69.18	-50.65	-27.00	-23.65
5825MHz	Pass	8G	12G	AV	11.634G	18.53	-85.47				-85.47	-66.94	-41.20	-25.74
5825MHz	Pass	12G	40G	AV	39.8705G	18.53	-76.49				-76.49	-57.96	-41.20	-16.76
5825MHz	Pass	8G	12G	PK	9.502G	18.53	-75.86				-75.86	-57.33	-27.00	-30.33
5825MHz	Pass	8G	12G	PK	11.6345G	18.53	-76.40				-76.40	-57.87	-21.20	-36.67
5825MHz	Pass	12G	40G	PK	38.5965G	18.53	-69.32				-69.32	-50.79	-27.00	-23.79
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-87.75				-87.75	-69.22	-41.20	-28.02
5190MHz	Pass	8G	12G	AV	11.9575G	18.53	-86.25				-86.25	-67.72	-41.20	-26.52
5190MHz	Pass	12G	40G	AV	39.8285G	18.53	-75.95				-75.95	-57.42	-41.20	-16.22
5190MHz	Pass	8G	12G	PK	9.5185G	18.53	-75.31				-75.31	-56.78	-27.00	-29.78
5190MHz	Pass	8G	12G	PK	10.381G	18.53	-76.95				-76.95	-58.42	-27.00	-31.42
5190MHz	Pass	12G	40G	PK	38.3305G	18.53	-68.82				-68.82	-50.29	-27.00	-23.29
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-87.84				-87.84	-69.31	-41.20	-28.11

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5230MHz	Pass	8G	12G	AV	11.9955G	18.53	-85.92				-85.92	-67.39	-41.20	-26.19
5230MHz	Pass	12G	40G	AV	39.8355G	18.53	-76.10				-76.10	-57.57	-41.20	-16.37
5230MHz	Pass	8G	12G	PK	10.487G	18.53	-75.81				-75.81	-57.28	-27.00	-30.28
5230MHz	Pass	12G	40G	PK	38.5475G	18.53	-68.50				-68.50	-49.97	-27.00	-22.97
5755MHz	Pass	8G	12G	AV	11.4905G	18.53	-83.07				-83.07	-64.54	-41.20	-23.34
5755MHz	Pass	12G	40G	AV	39.839G	18.53	-76.21				-76.21	-57.68	-41.20	-16.48
5755MHz	Pass	8G	12G	PK	9.5285G	18.53	-76.09				-76.09	-57.56	-27.00	-30.56
5755MHz	Pass	8G	12G	PK	11.5025G	18.53	-73.29				-73.29	-54.76	-21.20	-33.56
5755MHz	Pass	12G	40G	PK	38.11G	18.53	-69.46				-69.46	-50.93	-27.00	-23.93
5795MHz	Pass	8G	12G	AV	11.5995G	18.53	-81.86				-81.86	-63.33	-41.20	-22.13
5795MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.06				-76.06	-57.53	-41.20	-16.33
5795MHz	Pass	8G	12G	PK	9.289G	18.53	-76.45				-76.45	-57.92	-27.00	-30.92
5795MHz	Pass	8G	12G	PK	11.5965G	18.53	-71.37				-71.37	-52.84	-21.20	-31.64
5795MHz	Pass	12G	40G	PK	38.425G	18.53	-69.82				-69.82	-51.29	-27.00	-24.29
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-86.78				-86.78	-68.25	-41.20	-27.05
5210MHz	Pass	8G	12G	AV	11.0695G	18.53	-85.80				-85.80	-67.27	-41.20	-26.07
5210MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.09				-76.09	-57.56	-41.20	-16.36
5210MHz	Pass	8G	12G	PK	10.369G	18.53	-76.80				-76.80	-58.27	-27.00	-31.27
5210MHz	Pass	12G	40G	PK	38.39G	18.53	-69.22				-69.22	-50.69	-27.00	-23.69
5775MHz	Pass	8G	12G	AV	11.5545G	18.53	-84.50				-84.50	-65.97	-41.20	-24.77
5775MHz	Pass	12G	40G	AV	39.818G	18.53	-76.48				-76.48	-57.95	-41.20	-16.75
5775MHz	Pass	8G	12G	PK	10.0515G	18.53	-76.60				-76.60	-58.07	-27.00	-31.07
5775MHz	Pass	8G	12G	PK	11.5515G	18.53	-74.86				-74.86	-56.33	-21.20	-35.13
5775MHz	Pass	12G	40G	PK	38.285G	18.53	-69.26				-69.26	-50.73	-27.00	-23.73
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-88.21	-88.02			-85.10	-66.57	-41.20	-25.37
5180MHz	Pass	8G	12G	AV	10.8935G	18.53	-86.34	-86.72			-83.52	-64.99	-41.20	-23.79
5180MHz	Pass	12G	40G	AV	39.804G	18.53	-76.17	-76.60			-73.37	-54.84	-41.20	-13.64
5180MHz	Pass	8G	12G	PK	10.3495G	18.53	-80.14	-72.09			-71.46	-52.93	-27.00	-26.93
5180MHz	Pass	12G	40G	PK	37.6865G	18.53	-69.26	-70.59			-66.86	-48.33	-27.00	-21.33
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-87.61	-87.87			-84.73	-66.20	-41.20	-25.00
5200MHz	Pass	8G	12G	AV	10.996G	18.53	-87.51	-85.92			-83.63	-65.10	-41.20	-23.90
5200MHz	Pass	12G	40G	AV	39.783G	18.53	-75.76	-76.76			-73.22	-54.69	-41.20	-13.49
5200MHz	Pass	8G	12G	PK	10.4125G	18.53	-75.67	-69.90			-68.88	-50.35	-27.00	-23.35
5200MHz	Pass	12G	40G	PK	38.383G	18.53	-69.42	-70.47			-66.90	-48.37	-27.00	-21.37
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-87.63	-88.12			-84.86	-66.33	-41.20	-25.13
5240MHz	Pass	8G	12G	AV	11.3125G	18.53	-86.43	-86.67			-83.54	-65.01	-41.20	-23.81
5240MHz	Pass	12G	40G	AV	39.846G	18.53	-76.28	-76.24			-73.25	-54.72	-41.20	-13.52
5240MHz	Pass	8G	12G	PK	10.4765G	18.53	-72.48	-78.16			-71.44	-52.91	-27.00	-25.91
5240MHz	Pass	12G	40G	PK	37.837G	18.53	-70.10	-69.83			-66.95	-48.42	-27.00	-21.42
5745MHz	Pass	8G	12G	AV	11.49G	18.53	-79.94	-78.56			-76.19	-57.66	-41.20	-16.46
5745MHz	Pass	12G	40G	AV	39.818G	18.53	-76.56	-76.50			-73.52	-54.99	-41.20	-13.79
5745MHz	Pass	8G	12G	PK	11.4885G	18.53	-69.41	-69.65			-66.52	-47.99	-21.20	-26.79
5745MHz	Pass	12G	40G	PK	38.208G	18.53	-70.65	-69.78			-67.18	-48.65	-27.00	-21.65
5785MHz	Pass	8G	12G	AV	11.576G	18.53	-81.72	-79.99			-77.76	-59.23	-41.20	-18.03
5785MHz	Pass	12G	40G	AV	39.7865G	18.53	-76.24	-77.03			-73.61	-55.08	-41.20	-13.88
5785MHz	Pass	8G	12G	PK	11.5805G	18.53	-68.49	-69.44			-65.93	-47.40	-21.20	-26.20
5785MHz	Pass	12G	40G	PK	38.4145G	18.53	-69.77	-70.59			-67.15	-48.62	-27.00	-21.62
5825MHz	Pass	8G	12G	AV	11.65G	18.53	-87.70	-79.82			-79.16	-60.63	-41.20	-19.43
5825MHz	Pass	12G	40G	AV	39.804G	18.53	-76.47	-76.53			-73.49	-54.96	-41.20	-13.76
5825MHz	Pass	8G	12G	PK	10.0035G	18.53	-76.26	-77.79			-73.95	-55.42	-27.00	-28.42
5825MHz	Pass	8G	12G	PK	11.65G	18.53	-79.60	-72.79			-71.97	-53.44	-21.20	-32.24
5825MHz	Pass	12G	40G	PK	38.425G	18.53	-71.95	-68.98			-67.21	-48.68	-27.00	-21.68
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-87.61	-88.67			-85.10	-66.57	-41.20	-25.37
5180MHz	Pass	8G	12G	AV	10.9815G	18.53	-86.41	-86.95			-83.66	-65.13	-41.20	-23.93
5180MHz	Pass	12G	40G	AV	39.769G	18.53	-76.41	-76.43			-73.41	-54.88	-41.20	-13.68
5180MHz	Pass	8G	12G	PK	10.3585G	18.53	-78.48	-73.32			-72.16	-53.63	-27.00	-26.63
5180MHz	Pass	12G	40G	PK	37.494G	18.53	-69.33	-72.42			-67.60	-49.07	-27.00	-22.07
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-88.20	-88.33			-85.25	-66.72	-41.20	-25.52
5200MHz	Pass	8G	12G	AV	10.97G	18.53	-85.72	-87.35			-83.45	-64.92	-41.20	-23.72
5200MHz	Pass	12G	40G	AV	39.8075G	18.53	-75.89	-76.87			-73.34	-54.81	-41.20	-13.61
5200MHz	Pass	8G	12G	PK	10.4045G	18.53	-74.19	-72.27			-70.11	-51.58	-27.00	-24.58
5200MHz	Pass	12G	40G	PK	38.4285G	18.53	-70.96	-68.98			-66.85	-48.32	-27.00	-21.32
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-87.20	-88.00			-84.57	-66.04	-41.20	-24.84
5240MHz	Pass	8G	12G	AV	10.9705G	18.53	-85.85	-87.43			-83.56	-65.03	-41.20	-23.83
5240MHz	Pass	12G	40G	AV	39.8495G	18.53	-76.77	-76.25			-73.49	-54.96	-41.20	-13.76
5240MHz	Pass	8G	12G	PK	10.4655G	18.53	-80.57	-71.89			-71.34	-52.81	-27.00	-25.81
5240MHz	Pass	12G	40G	PK	37.6025G	18.53	-71.35	-68.44			-66.65	-48.12	-27.00	-21.12

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	8G	12G	AV	11.488G	18.53	-80.01	-80.17			-77.08	-58.55	-41.20	-17.35
5745MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.29	-76.23			-73.25	-54.72	-41.20	-13.52
5745MHz	Pass	12G	12G	PK	11.4875G	18.53	-68.55	-71.52			-66.78	-48.25	-21.20	-27.05
5745MHz	Pass	12G	40G	PK	38.4425G	18.53	-70.44	-69.38			-66.87	-48.34	-27.00	-21.34
5785MHz	Pass	8G	12G	AV	11.578G	18.53	-81.03	-79.42			-77.14	-58.61	-41.20	-17.41
5785MHz	Pass	12G	40G	AV	39.79G	18.53	-76.84	-76.19			-73.49	-54.96	-41.20	-13.76
5785MHz	Pass	8G	12G	PK	11.5805G	18.53	-68.06	-69.31			-65.63	-47.10	-21.20	-25.90
5785MHz	Pass	12G	40G	PK	38.432G	18.53	-68.32	-71.49			-66.61	-48.08	-27.00	-21.08
5825MHz	Pass	8G	12G	AV	11.651G	18.53	-87.85	-80.96			-80.15	-61.62	-41.20	-20.42
5825MHz	Pass	12G	40G	AV	39.832G	18.53	-76.52	-76.59			-73.54	-55.01	-41.20	-13.81
5825MHz	Pass	8G	12G	PK	10.5985G	18.53	-78.42	-76.49			-74.34	-55.81	-27.00	-28.81
5825MHz	Pass	8G	12G	PK	11.647G	18.53	-77.99	-72.04			-71.06	-52.53	-21.20	-31.33
5825MHz	Pass	12G	40G	PK	37.704G	18.53	-71.53	-68.57			-66.79	-48.26	-27.00	-21.26
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-87.99	-87.97			-84.97	-66.44	-41.20	-25.24
5190MHz	Pass	8G	12G	AV	11.9895G	18.53	-86.56	-86.63			-83.58	-65.05	-41.20	-23.85
5190MHz	Pass	12G	40G	AV	39.7935G	18.53	-76.67	-76.27			-73.46	-54.93	-41.20	-13.73
5190MHz	Pass	8G	12G	PK	10.3795G	18.53	-79.49	-77.04			-75.08	-56.55	-27.00	-29.55
5190MHz	Pass	8G	12G	PK	10.5495G	18.53	-78.44	-76.68			-74.46	-55.93	-27.00	-28.93
5190MHz	Pass	12G	40G	PK	38.3935G	18.53	-70.71	-68.64			-66.54	-48.01	-27.00	-21.01
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-87.20	-87.77			-84.47	-65.94	-41.20	-24.74
5230MHz	Pass	8G	12G	AV	10.89G	18.53	-86.43	-86.81			-83.61	-65.08	-41.20	-23.88
5230MHz	Pass	12G	40G	AV	39.811G	18.53	-76.77	-76.25			-73.49	-54.96	-41.20	-13.76
5230MHz	Pass	8G	12G	PK	10.4425G	18.53	-80.43	-73.35			-72.57	-54.04	-27.00	-27.04
5230MHz	Pass	12G	40G	PK	38.3865G	18.53	-70.05	-68.49			-66.19	-47.66	-27.00	-20.66
5755MHz	Pass	8G	12G	AV	11.4895G	18.53	-83.40	-81.54			-79.36	-60.83	-41.20	-19.63
5755MHz	Pass	12G	40G	AV	39.8005G	18.53	-76.12	-76.79			-73.43	-54.90	-41.20	-13.70
5755MHz	Pass	8G	12G	PK	9.574G	18.53	-77.14	-77.30			-74.21	-55.68	-27.00	-28.68
5755MHz	Pass	8G	12G	PK	11.496G	18.53	-72.03	-73.44			-69.67	-51.14	-21.20	-29.94
5755MHz	Pass	12G	40G	PK	38.5825G	18.53	-68.36	-70.11			-66.14	-47.61	-27.00	-20.61
5795MHz	Pass	8G	12G	AV	11.5995G	18.53	-81.06	-81.77			-78.39	-59.86	-41.20	-18.66
5795MHz	Pass	12G	40G	AV	39.7795G	18.53	-75.80	-77.22			-73.44	-54.91	-41.20	-13.71
5795MHz	Pass	8G	12G	PK	11.596G	18.53	-69.73	-71.51			-67.52	-48.99	-21.20	-27.79
5795MHz	Pass	12G	40G	PK	38.0855G	18.53	-68.43	-72.16			-66.90	-48.37	-27.00	-21.37
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-87.82	-87.71			-84.75	-66.22	-41.20	-25.02
5210MHz	Pass	8G	12G	AV	10.969G	18.53	-86.54	-86.81			-83.66	-65.13	-41.20	-23.93
5210MHz	Pass	12G	40G	AV	39.839G	18.53	-75.88	-77.13			-73.45	-54.92	-41.20	-13.72
5210MHz	Pass	8G	12G	PK	9.521G	18.53	-75.38	-79.31			-73.90	-55.37	-27.00	-28.37
5210MHz	Pass	8G	12G	PK	10.4335G	18.53	-78.48	-77.97			-75.21	-56.68	-27.00	-29.68
5210MHz	Pass	12G	40G	PK	38.4565G	18.53	-70.84	-68.83			-66.71	-48.18	-27.00	-21.18
5775MHz	Pass	8G	12G	AV	11.5455G	18.53	-85.15	-84.77			-81.95	-63.42	-41.20	-22.22
5775MHz	Pass	12G	40G	AV	39.839G	18.53	-76.18	-76.19			-73.17	-54.64	-41.20	-13.44
5775MHz	Pass	8G	12G	PK	9.5255G	18.53	-76.31	-78.18			-74.13	-55.60	-27.00	-28.60
5775MHz	Pass	8G	12G	PK	11.537G	18.53	-77.34	-74.54			-72.71	-54.18	-21.20	-32.98
5775MHz	Pass	12G	40G	PK	38.474G	18.53	-69.47	-69.58			-66.51	-47.98	-27.00	-20.98
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-87.97	-88.27	-88.24	-88.44	-82.21	-63.68	-41.20	-22.48
5180MHz	Pass	8G	12G	AV	10.966G	18.53	-86.31	-87.18	-86.78	-86.70	-80.71	-62.18	-41.20	-20.98
5180MHz	Pass	12G	40G	AV	39.8215G	18.53	-77.06	-75.43	-77.15	-76.17	-70.37	-51.84	-41.20	-10.64
5180MHz	Pass	8G	12G	PK	10.364G	18.53	-79.77	-78.69	-81.20	-78.26	-73.32	-54.79	-27.00	-27.79
5180MHz	Pass	8G	12G	PK	10.549G	18.53	-77.19	-77.75	-77.97	-78.22	-71.74	-53.21	-27.00	-26.21
5180MHz	Pass	12G	40G	PK	38.502G	18.53	-70.06	-71.39	-71.79	-71.00	-64.99	-46.46	-27.00	-19.46
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-87.63	-88.02	-88.34	-88.18	-82.01	-63.48	-41.20	-22.28
5200MHz	Pass	8G	12G	AV	11.9995G	18.53	-86.67	-86.93	-87.02	-86.57	-80.77	-62.24	-41.20	-21.04
5200MHz	Pass	12G	40G	AV	39.8075G	18.53	-76.95	-76.32	-76.77	-76.55	-70.62	-52.09	-41.20	-10.89
5200MHz	Pass	8G	12G	PK	10.028G	18.53	-77.44	-81.74	-74.58	-77.77	-71.18	-52.65	-27.00	-25.65
5200MHz	Pass	8G	12G	PK	10.402G	18.53	-78.50	-79.61	-74.06	-80.69	-71.38	-52.85	-27.00	-25.85
5200MHz	Pass	12G	40G	PK	38.39G	18.53	-70.84	-71.73	-70.07	-71.22	-64.90	-46.37	-27.00	-19.37
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-87.85	-88.17	-87.94	-88.12	-82.00	-63.47	-41.20	-22.27
5240MHz	Pass	8G	12G	AV	10.988G	18.53	-86.42	-87.00	-86.87	-87.46	-80.90	-62.37	-41.20	-21.17
5240MHz	Pass	12G	40G	AV	39.825G	18.53	-76.14	-77.04	-77.09	-76.41	-70.63	-52.10	-41.20	-10.90
5240MHz	Pass	8G	12G	PK	10.4835G	18.53	-76.67	-78.45	-77.55	-77.75	-71.54	-53.01	-27.00	-26.01
5240MHz	Pass	12G	40G	PK	38.4285G	18.53	-69.62	-70.41	-70.14	-70.45	-64.12	-45.59	-27.00	-18.59
5745MHz	Pass	8G	12G	AV	11.49G	18.53	-82.26	-80.28	-82.32	-83.31	-75.88	-57.35	-41.20	-16.15
5745MHz	Pass	12G	40G	AV	39.776G	18.53	-76.82	-76.77	-77.04	-75.80	-70.56	-52.03	-41.20	-10.83
5745MHz	Pass	8G	12G	PK	10.0565G	18.53	-77.53	-76.99	-77.39	-77.88	-71.42	-52.89	-27.00	-25.89
5745MHz	Pass	8G	12G	PK	11.492G	18.53	-72.92	-72.49	-71.01	-75.97	-66.74	-48.21	-21.20	-27.01
5745MHz	Pass	12G	40G	PK	38.404G	18.53	-70.76	-68.57	-70.68	-71.96	-64.29	-45.76	-27.00	-18.76
5785MHz	Pass	8G	12G	AV	11.5705G	18.53	-85.29	-81.37	-85.23	-81.56	-76.94	-58.41	-41.20	-17.21