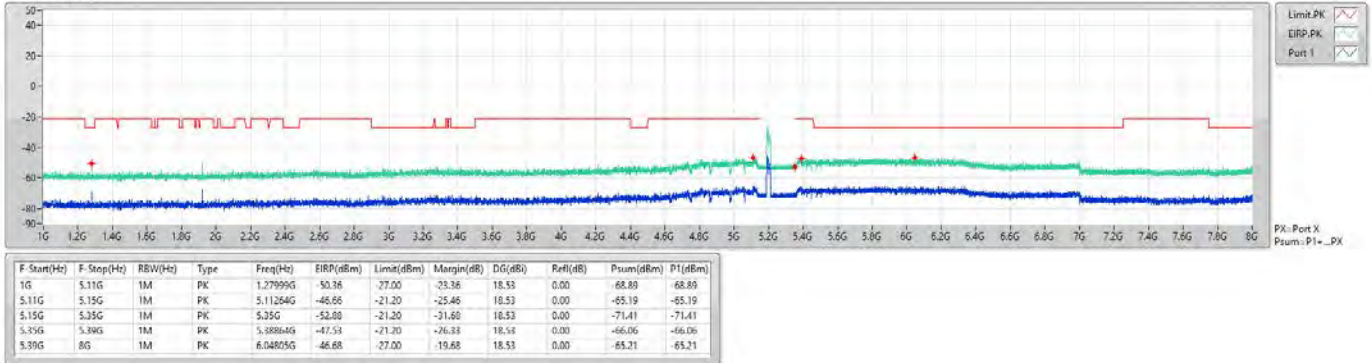


802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

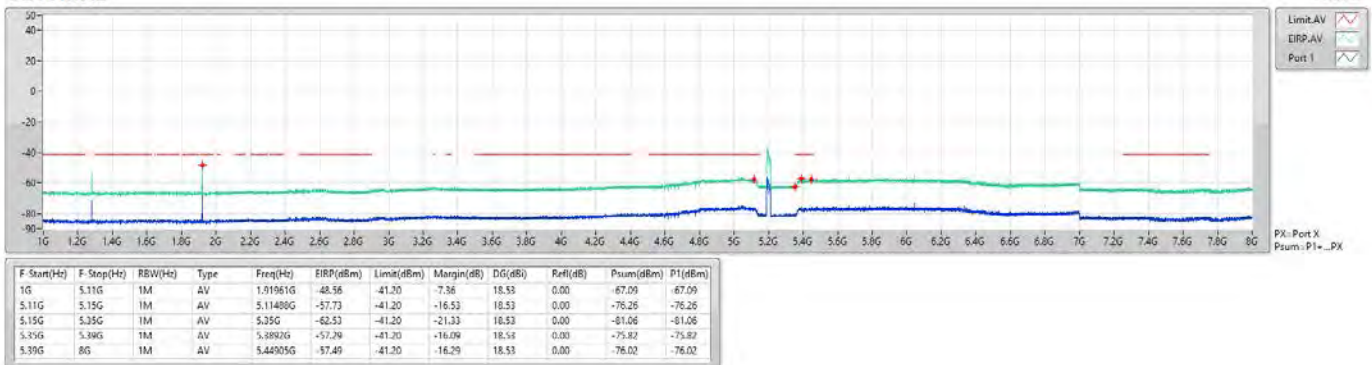
5200MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

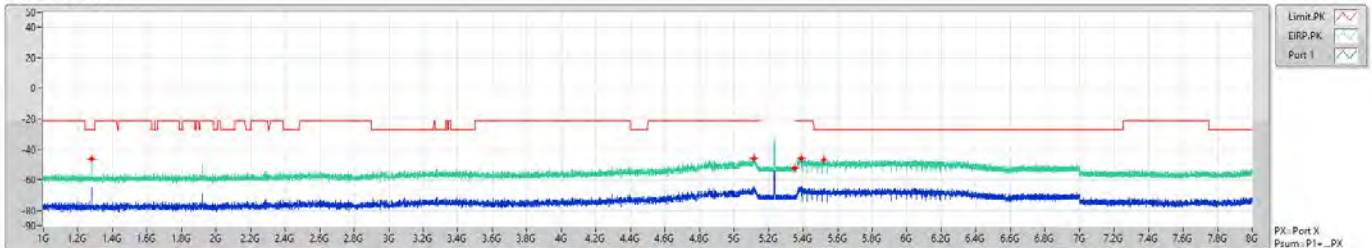
5200MHz



802.11ax HEW20_Nss1,(MCS0)_1TX
5240MHz

CSE Other [PK]

24/08/2022

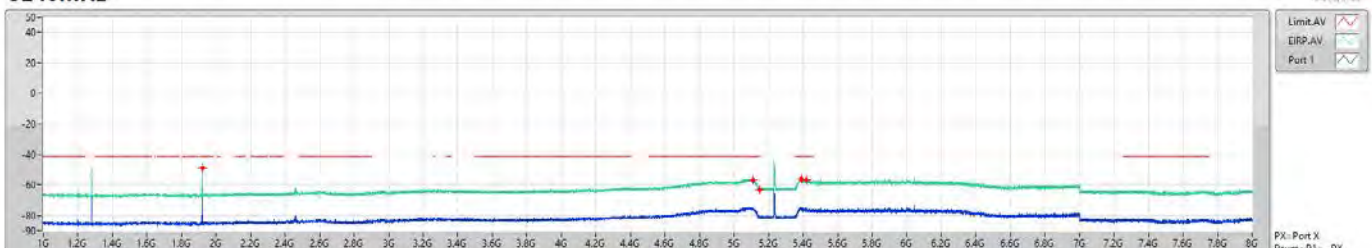


F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.11G	1M	PK	1.27999G	-46.51	-27.00	-19.51	18.53	0.00	-65.04	-65.04
5.11G	5.15G	1M	PK	5.1132G	-46.74	-21.20	-24.54	18.53	0.00	-64.27	-64.27
5.15G	5.35G	1M	PK	5.25G	-52.24	-21.20	-31.04	18.53	0.00	-70.77	-70.77
5.35G	5.39G	1M	PK	5.38928G	-45.87	-21.20	-24.67	18.53	0.00	-64.40	-64.40
5.39G	8G	1M	PK	5.51854G	-46.64	-27.00	-19.64	18.53	0.00	-65.17	-65.17

802.11ax HEW20_Nss1,(MCS0)_1TX
5240MHz

CSE Other [AV]

24/08/2022

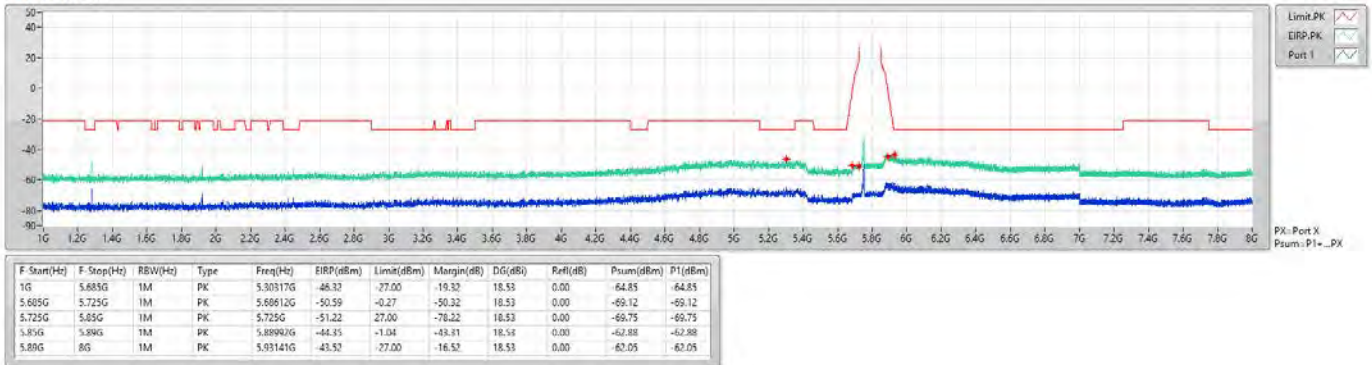


F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.11G	1M	AV	1.01961G	-48.79	-41.20	-7.59	18.53	0.00	-67.32	-67.32
5.11G	5.15G	1M	AV	5.112G	-56.79	-41.20	-15.59	18.53	0.00	-75.32	-75.32
5.15G	5.35G	1M	AV	5.15G	-62.94	-41.20	-21.74	18.53	0.00	-81.47	-81.47
5.35G	5.39G	1M	AV	5.38928G	-56.19	-41.20	-14.99	18.53	0.00	-74.72	-74.72
5.39G	8G	1M	AV	5.41875G	-56.51	-41.20	-15.31	18.53	0.00	-75.04	-75.04

802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

CSE Other [PK]

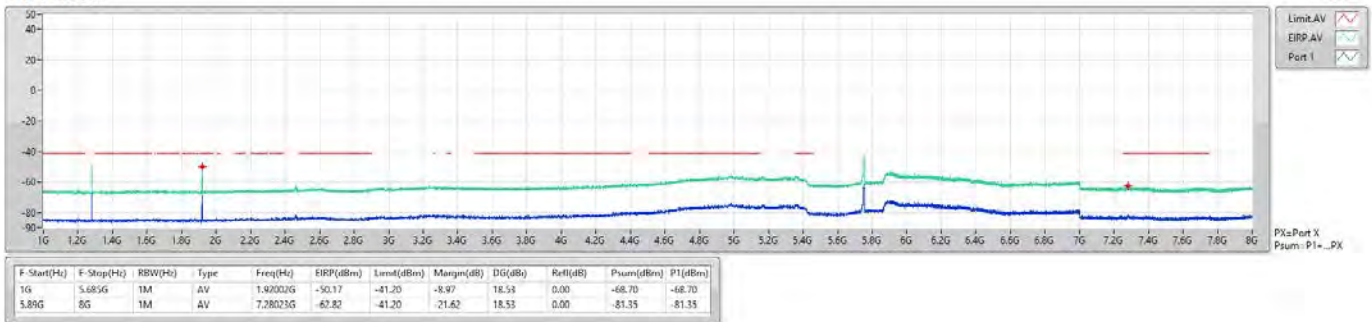
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

CSE Other [AV]

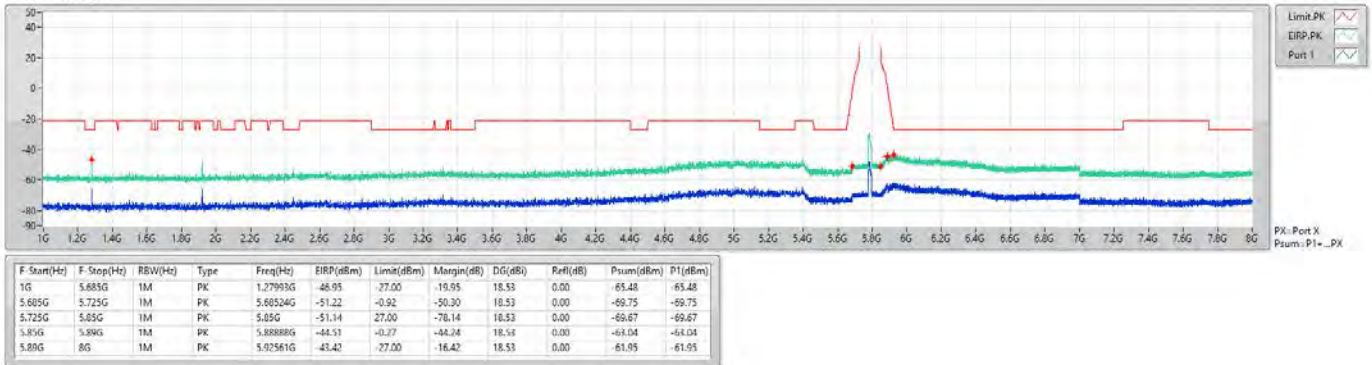
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5785MHz

CSE Other [PK]

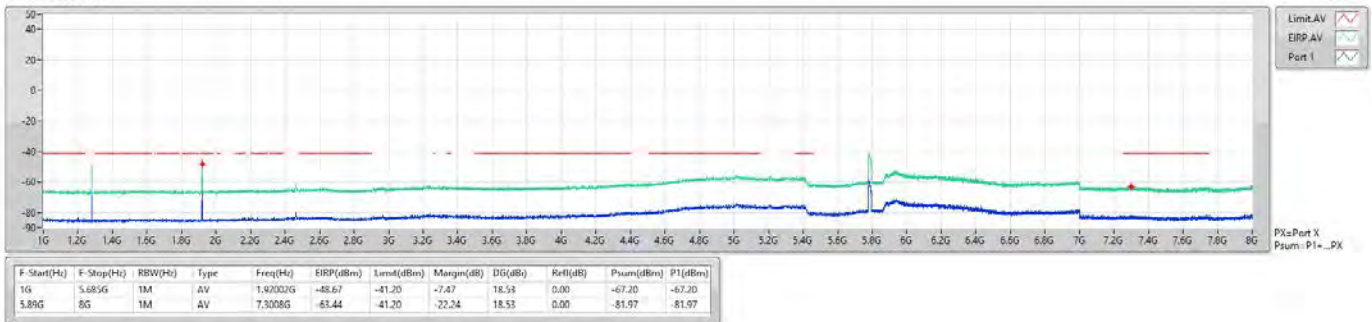
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5785MHz

CSE Other [AV]

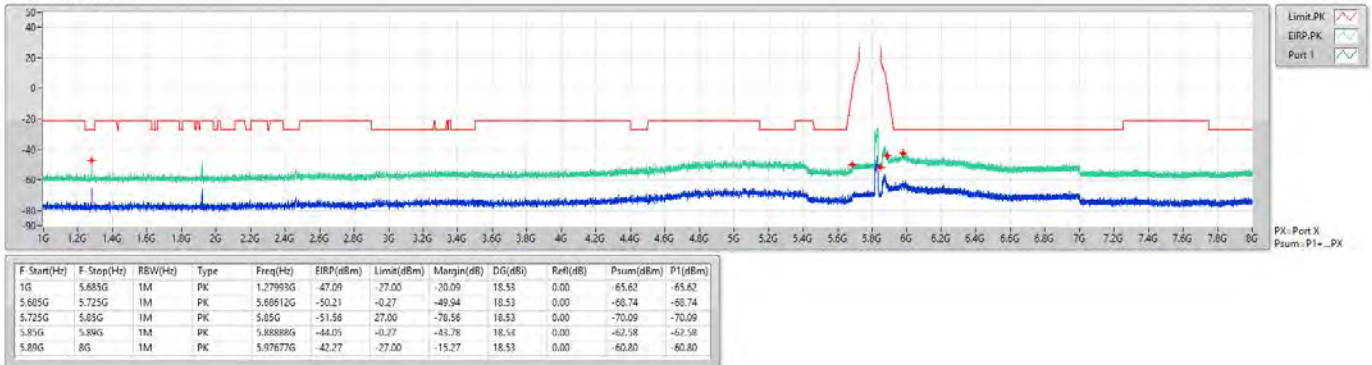
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5825MHz

CSE Other [PK]

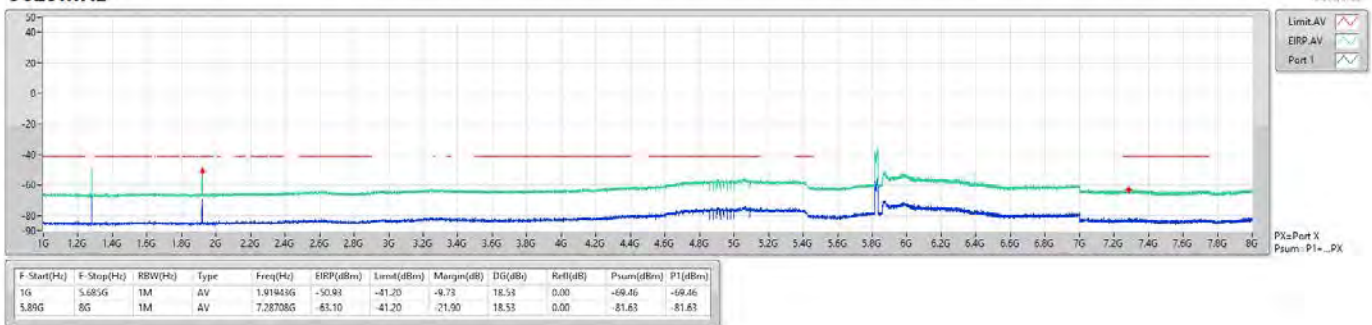
24/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX
5825MHz

CSE Other [AV]

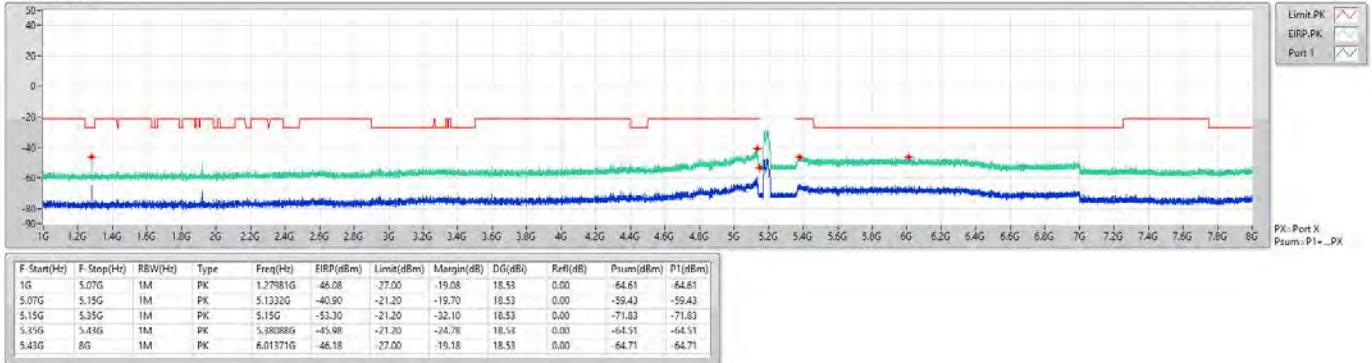
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

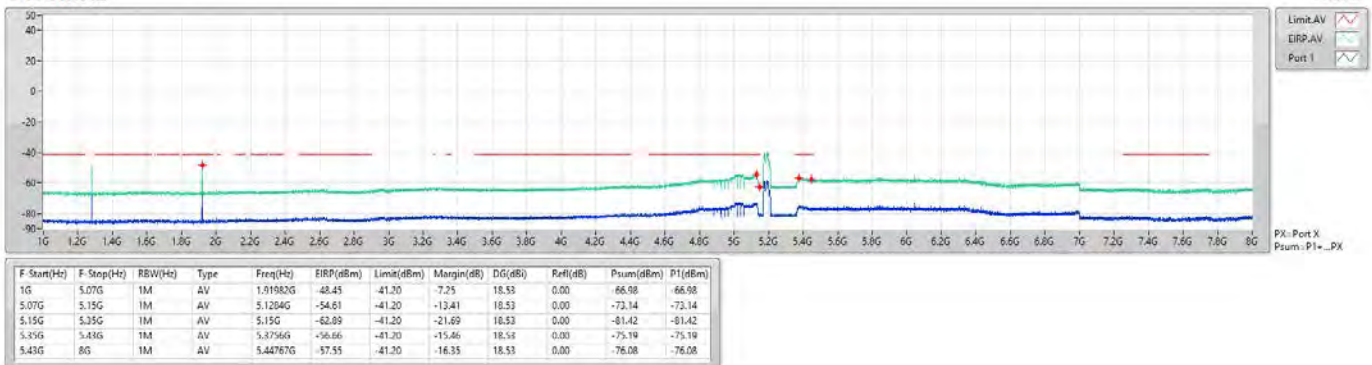
5190MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

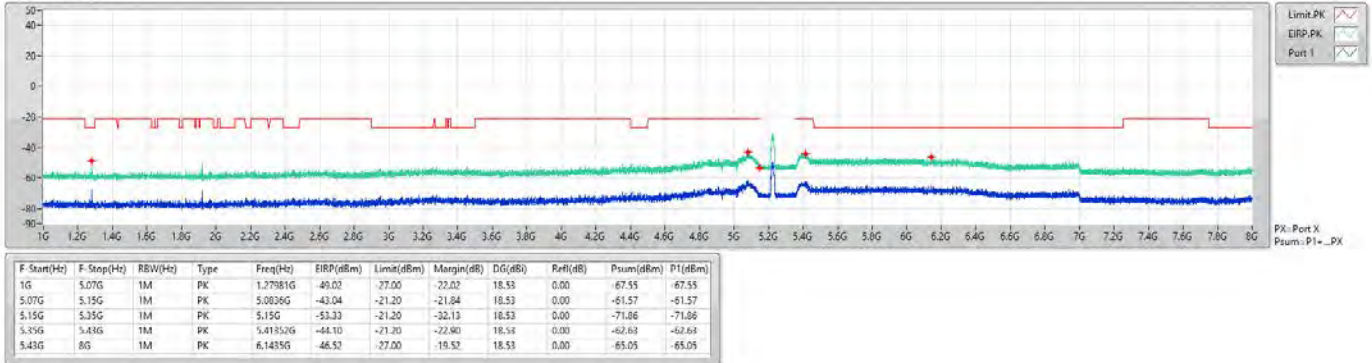
5190MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

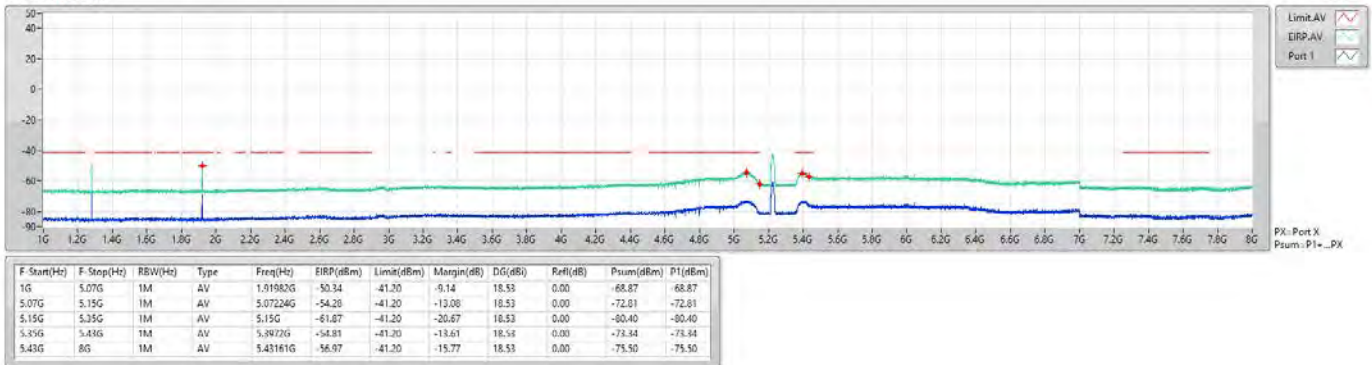
5230MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

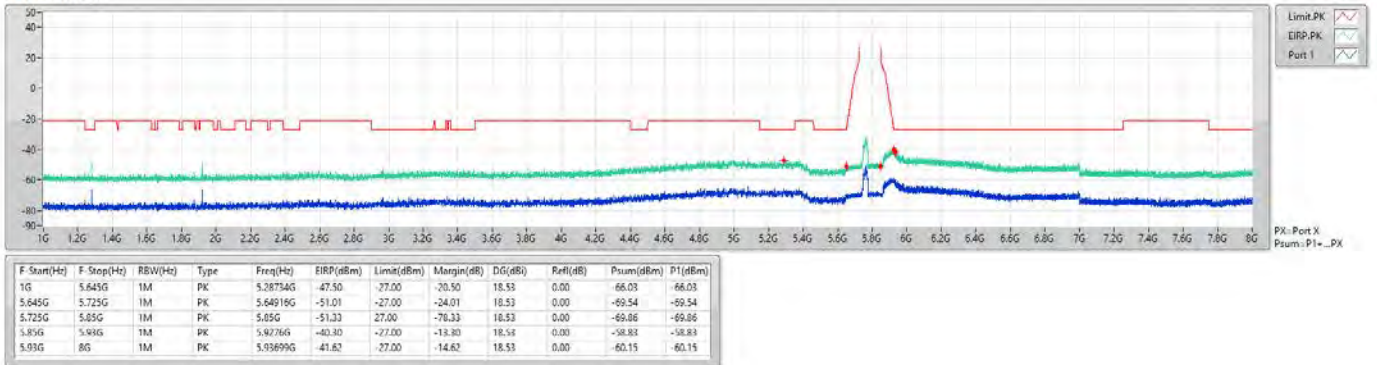
5230MHz



802.11ax HEW40_Nss1,(MCS0)_1TX
5755MHz

CSE Other [PK]

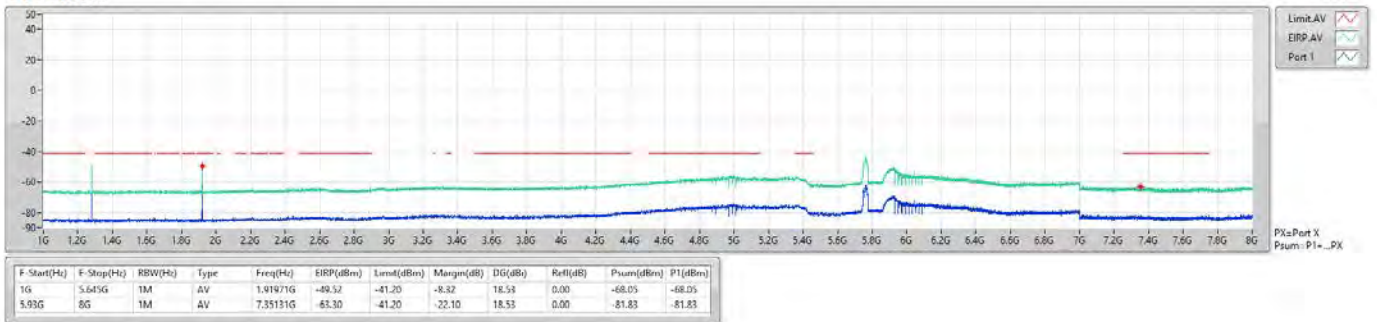
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX
5755MHz

CSE Other [AV]

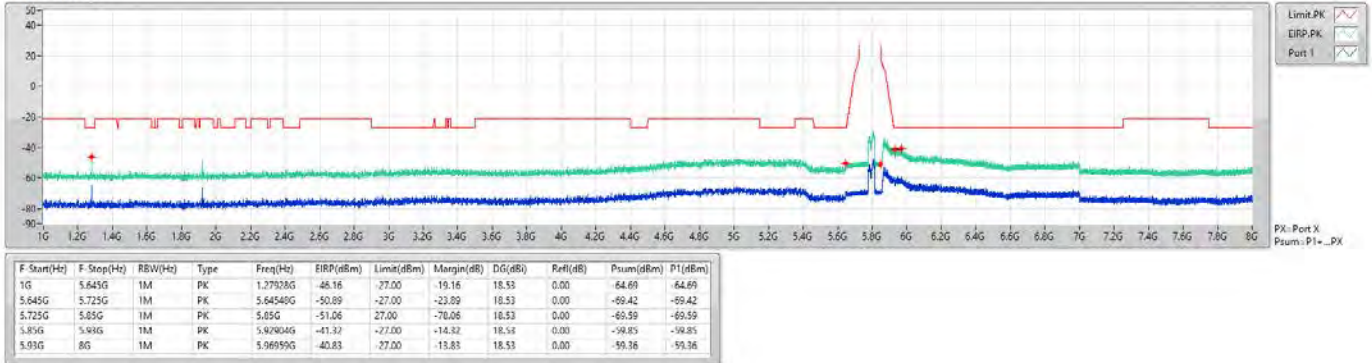
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [PK]

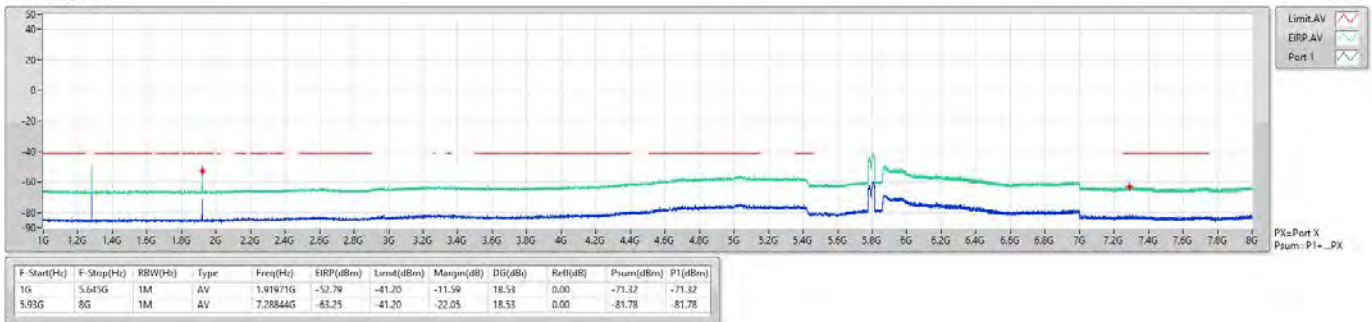
5795MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE Other [AV]

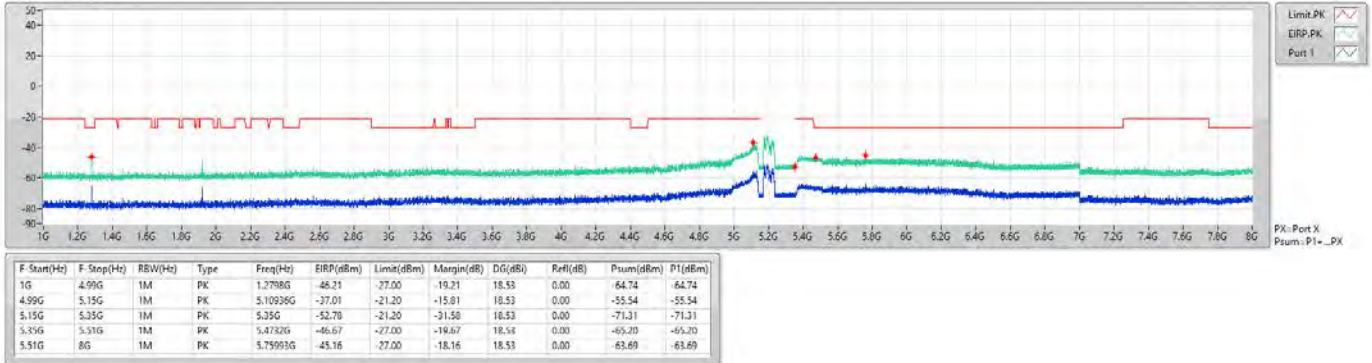
5795MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [PK]

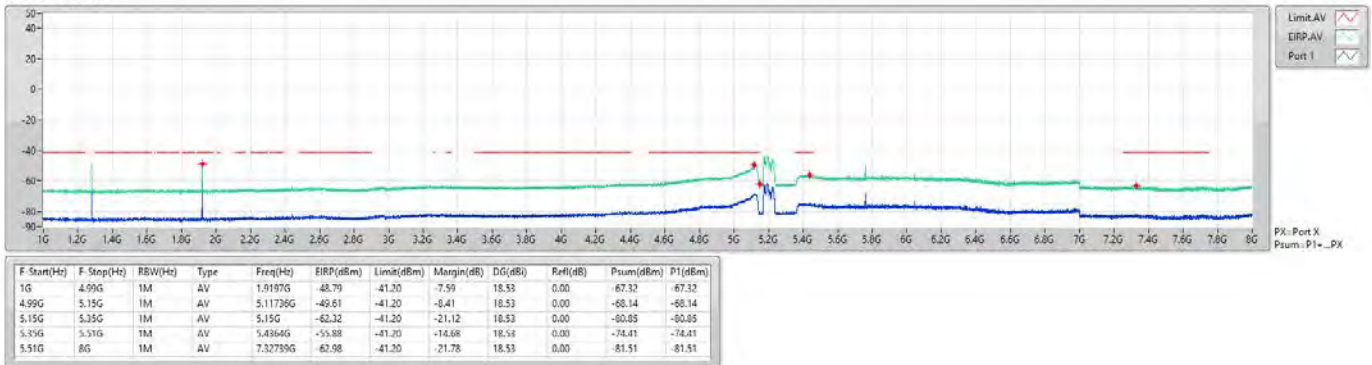
5210MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [AV]

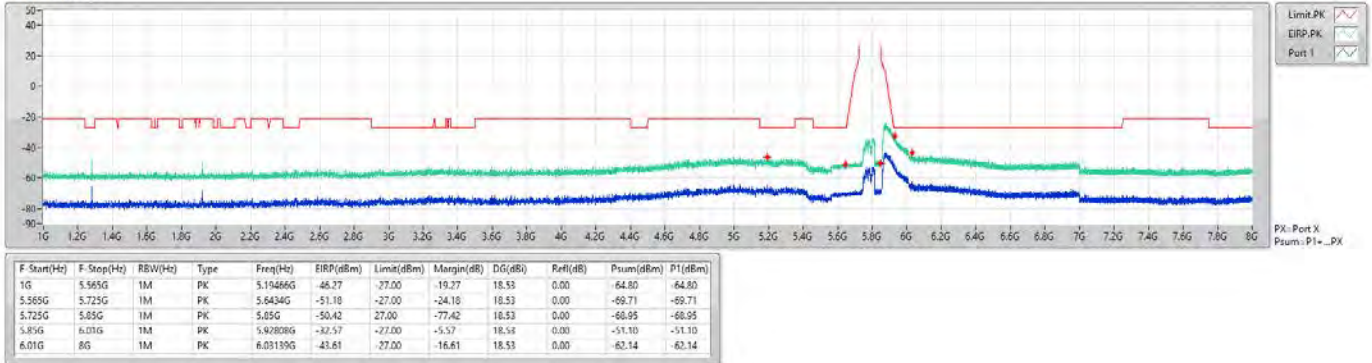
5210MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [PK]

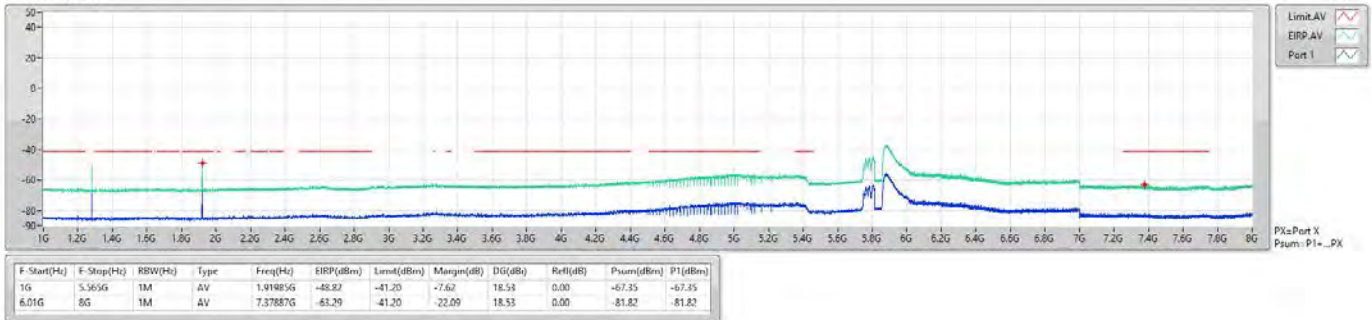
5775MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

CSE Other [AV]

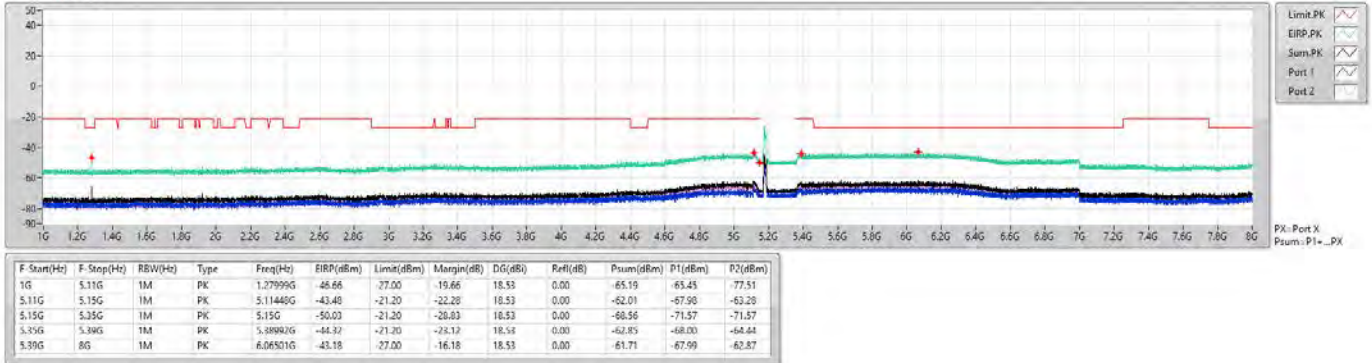
5775MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5180MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

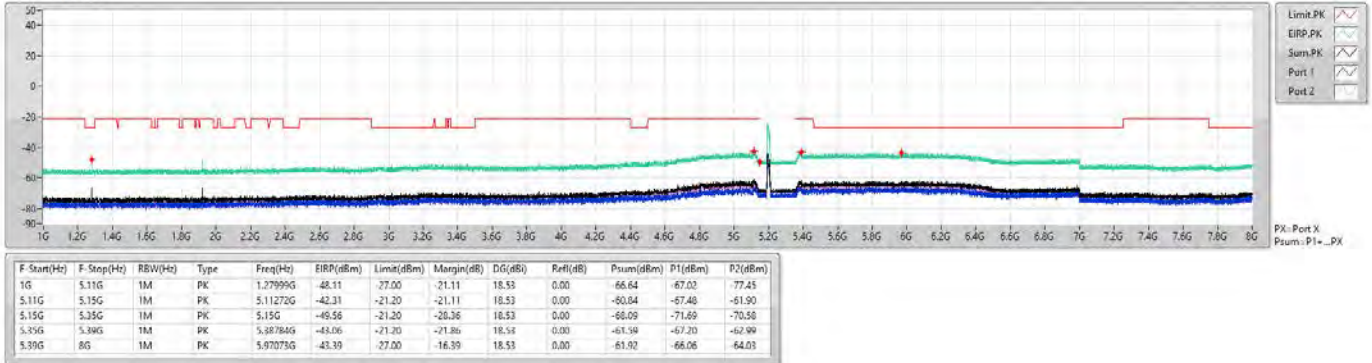
5180MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

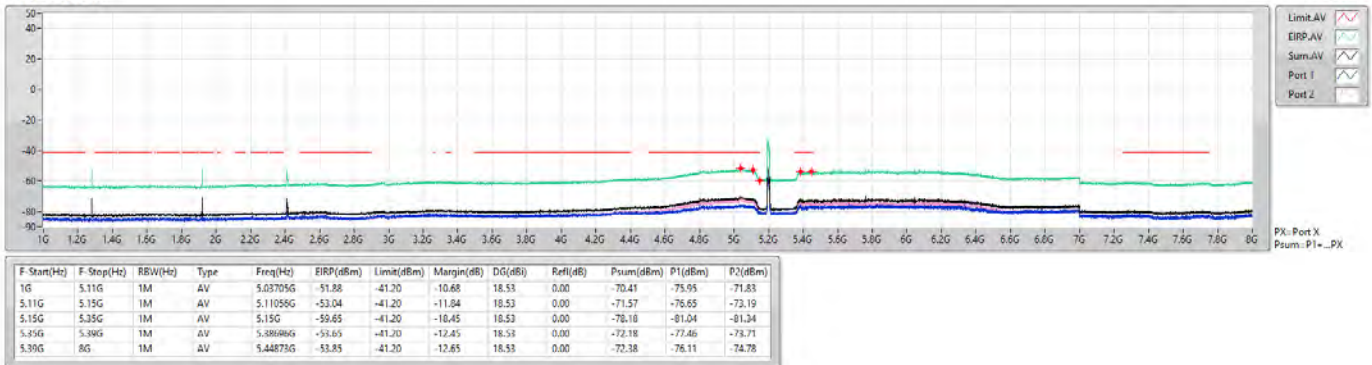
5200MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

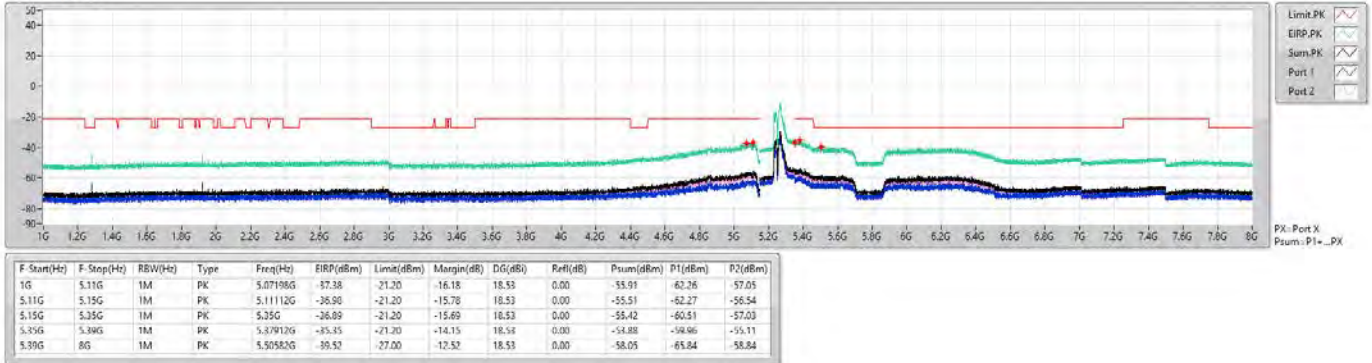
5200MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5240MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

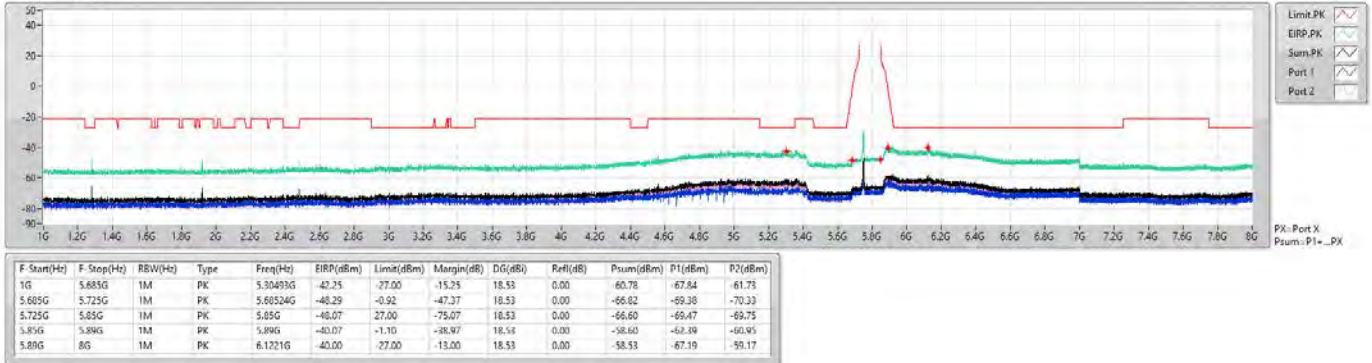
5240MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

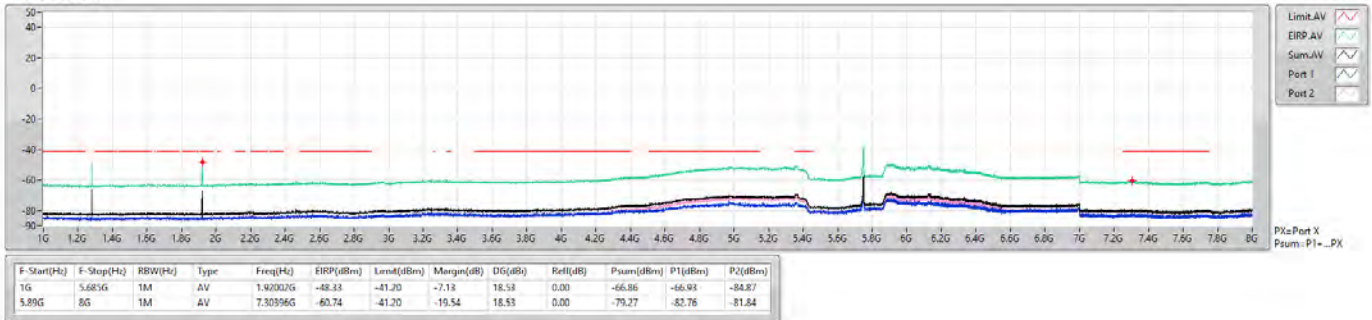
5745MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5745MHz

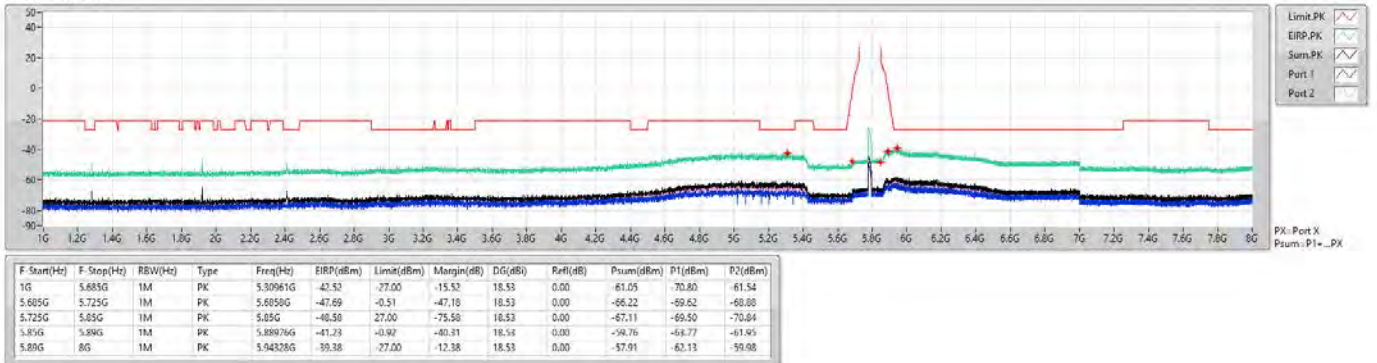


802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

5785MHz

24/08/2022

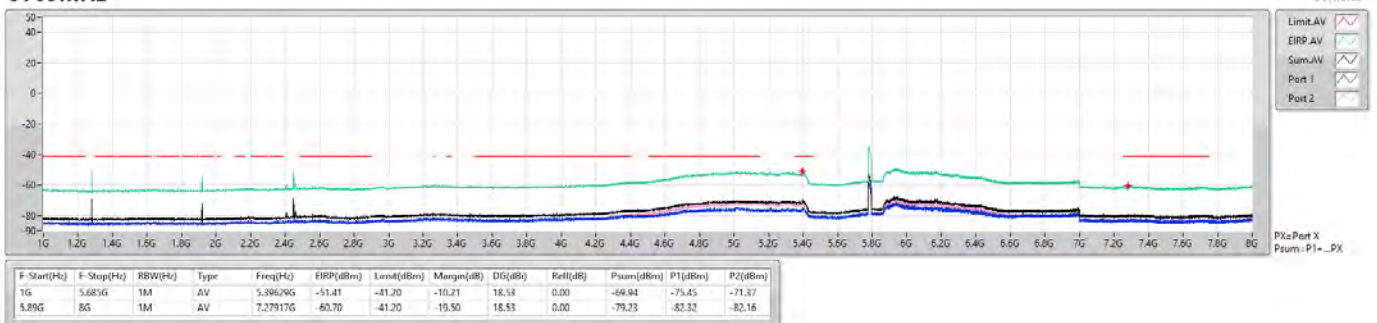


802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

5785MHz

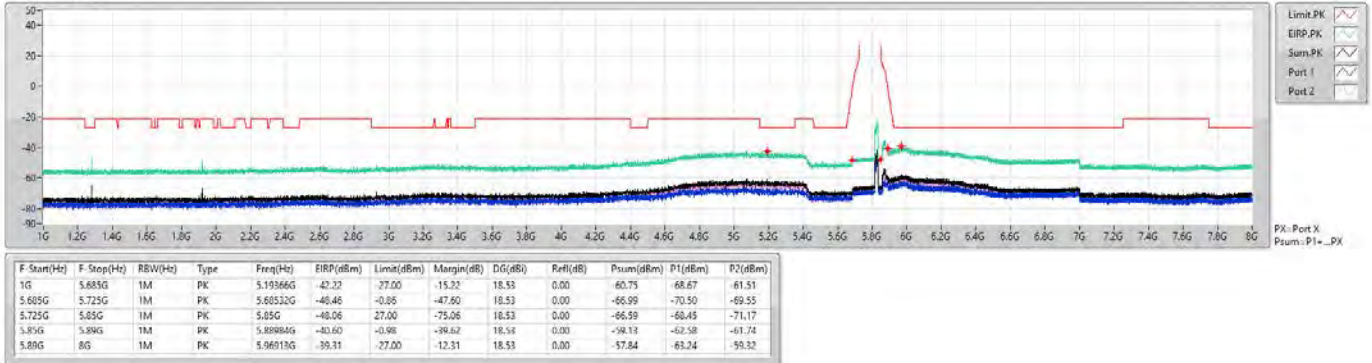
24/08/2022



802.11a_Nss1,(6Mbps)_2TX

CSE Other [PK]

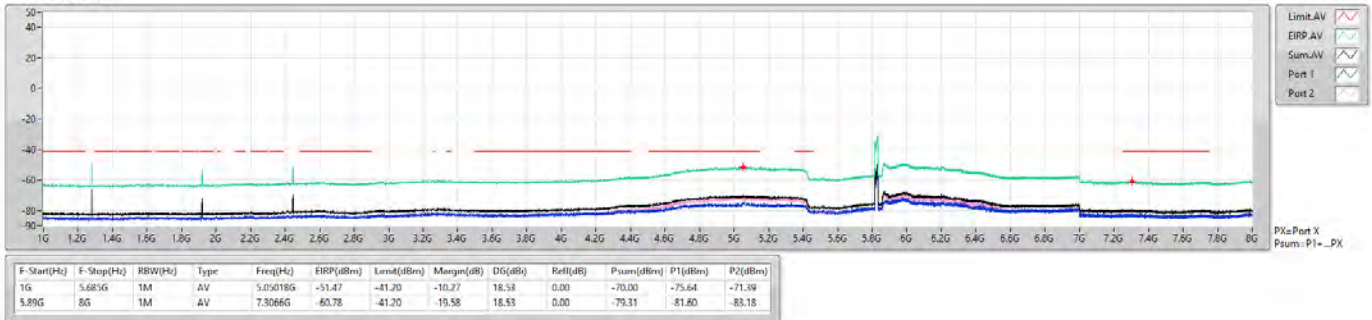
5825MHz



802.11a_Nss1,(6Mbps)_2TX

CSE Other [AV]

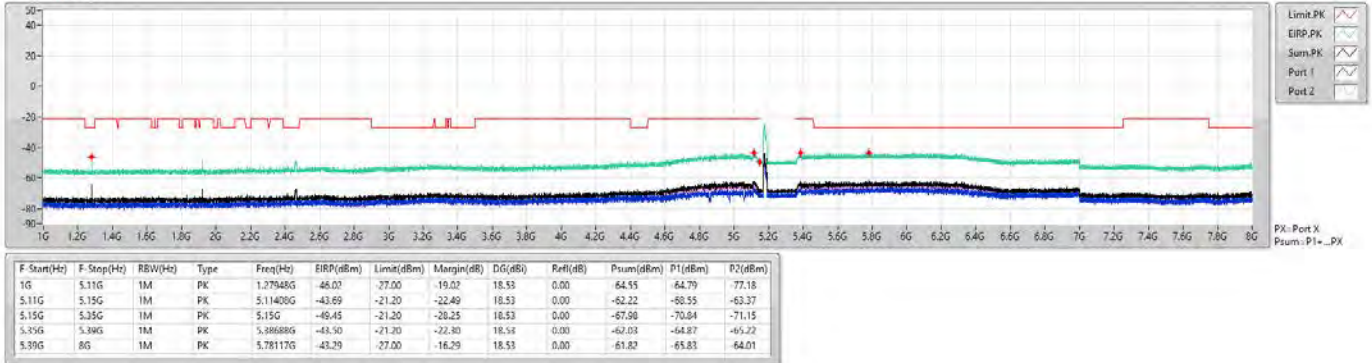
5825MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

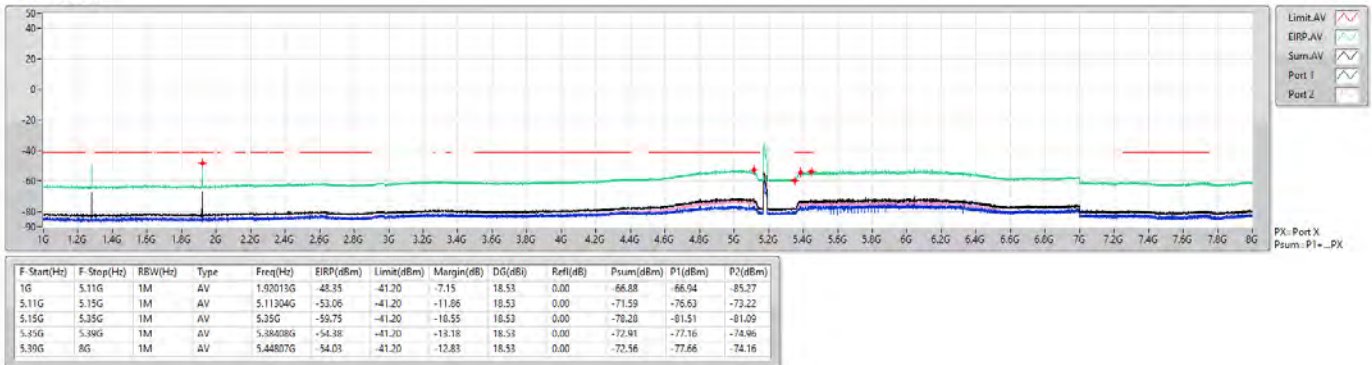
5180MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

5180MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

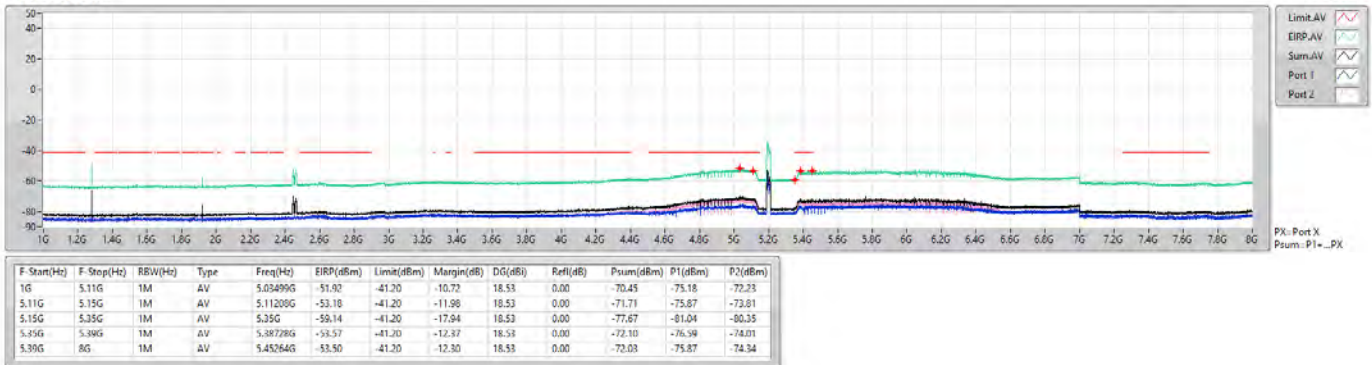
5200MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

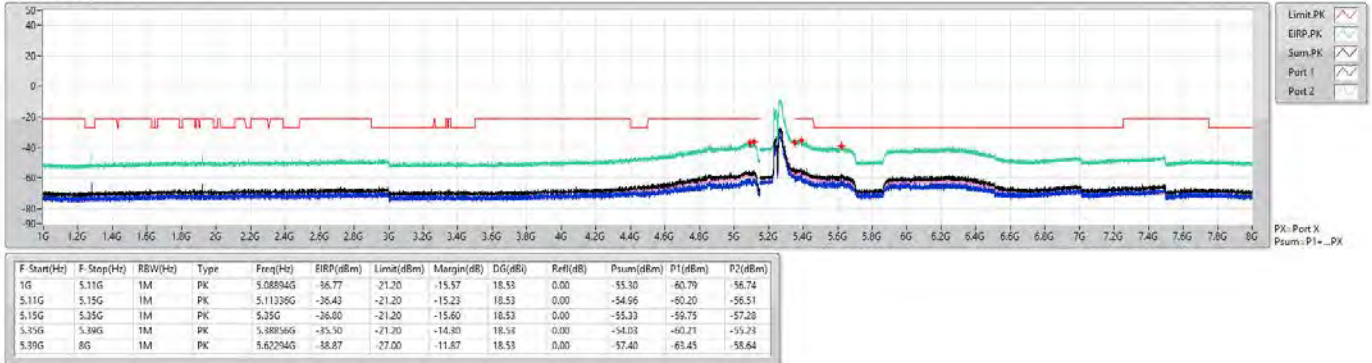
5200MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

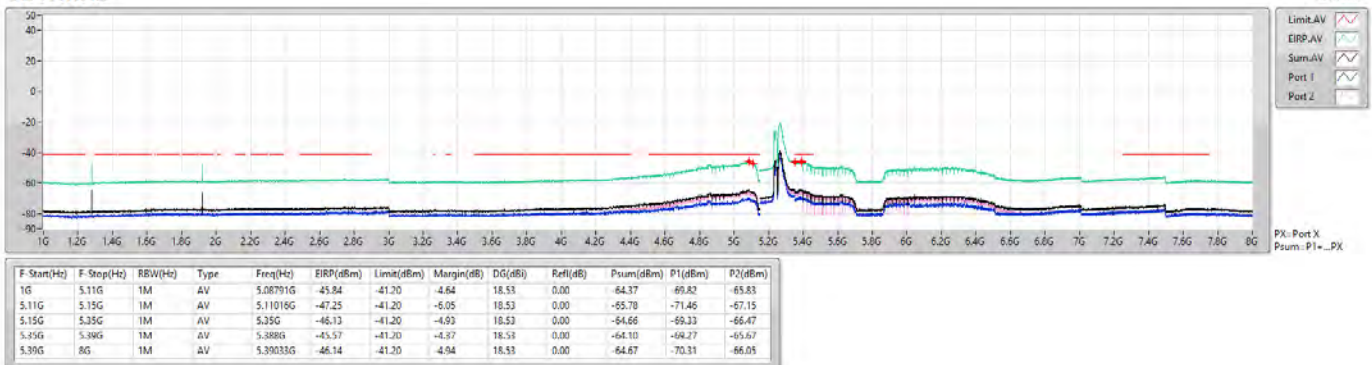
5240MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

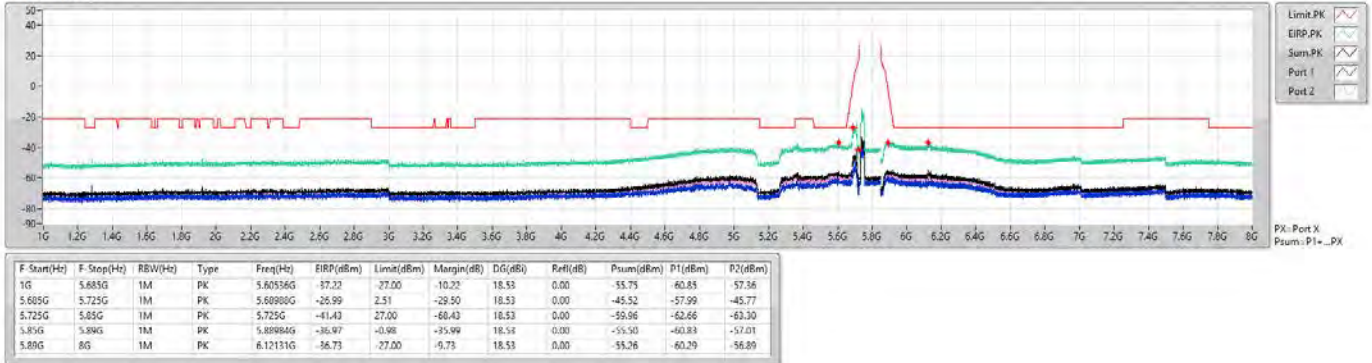
5240MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

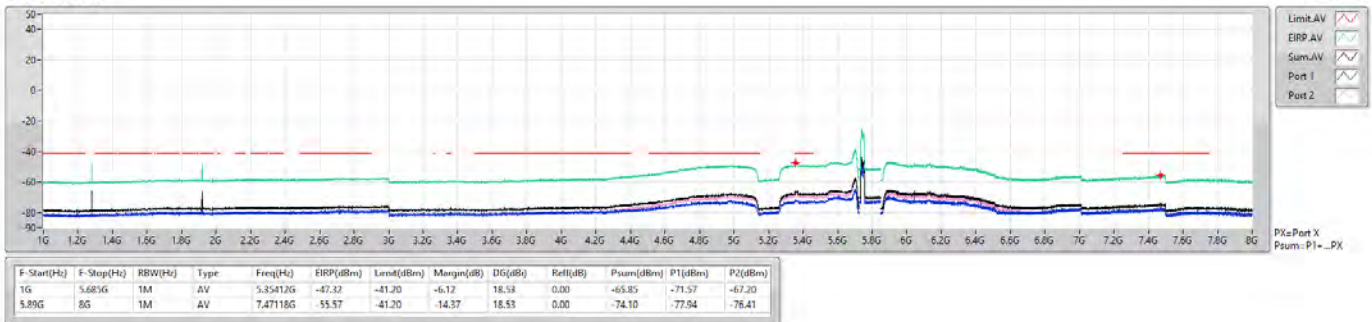
5745MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

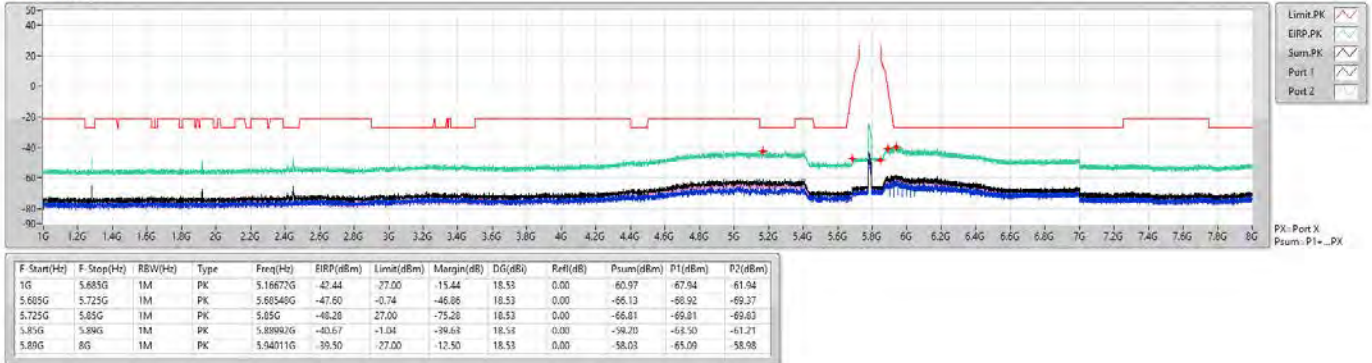
5745MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

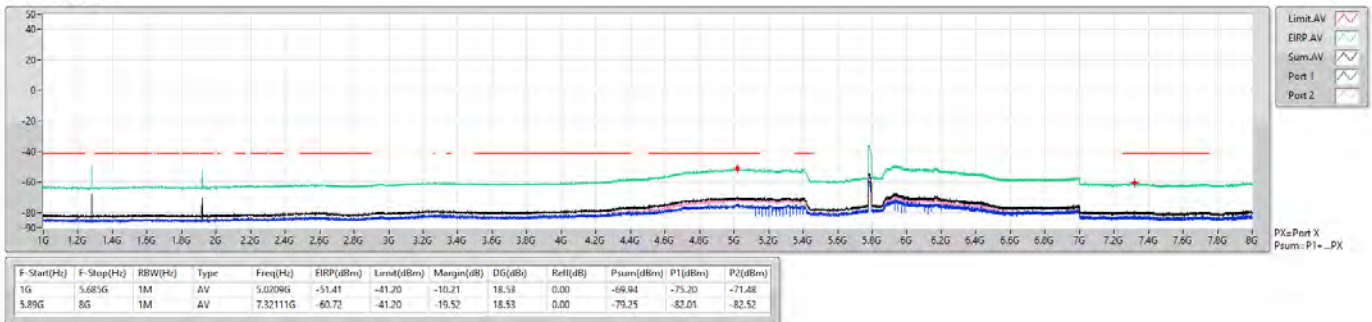
5785MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

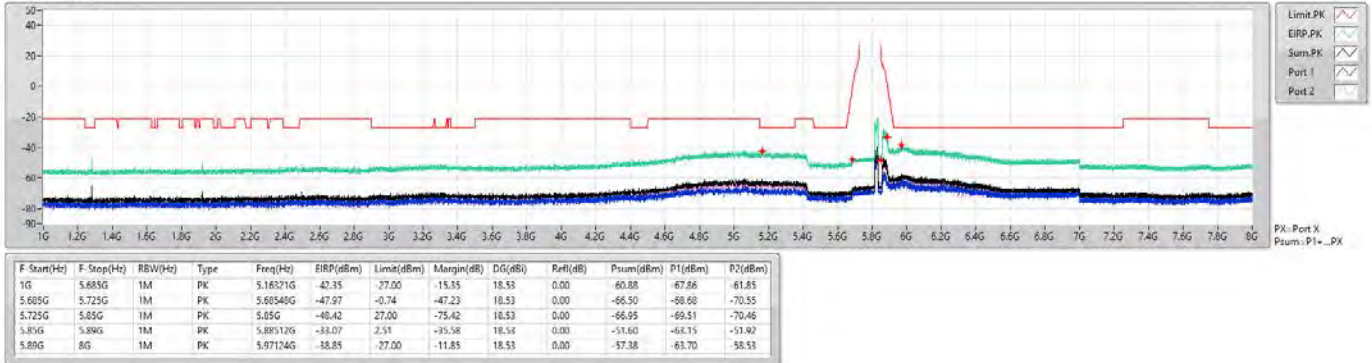
5785MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

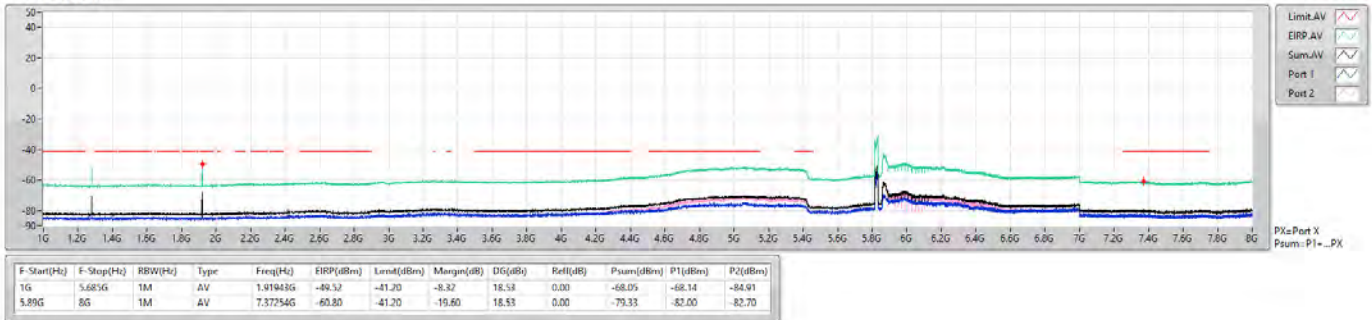
5825MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [AV]

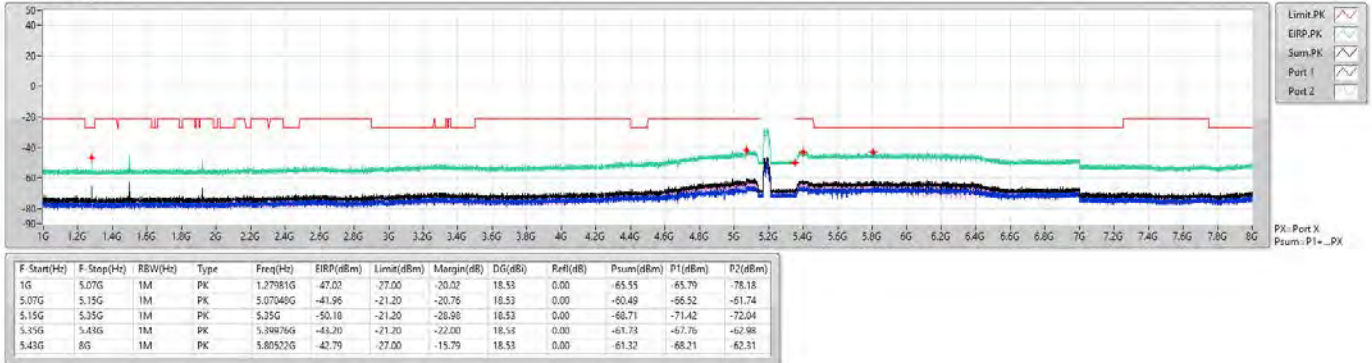
5825MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

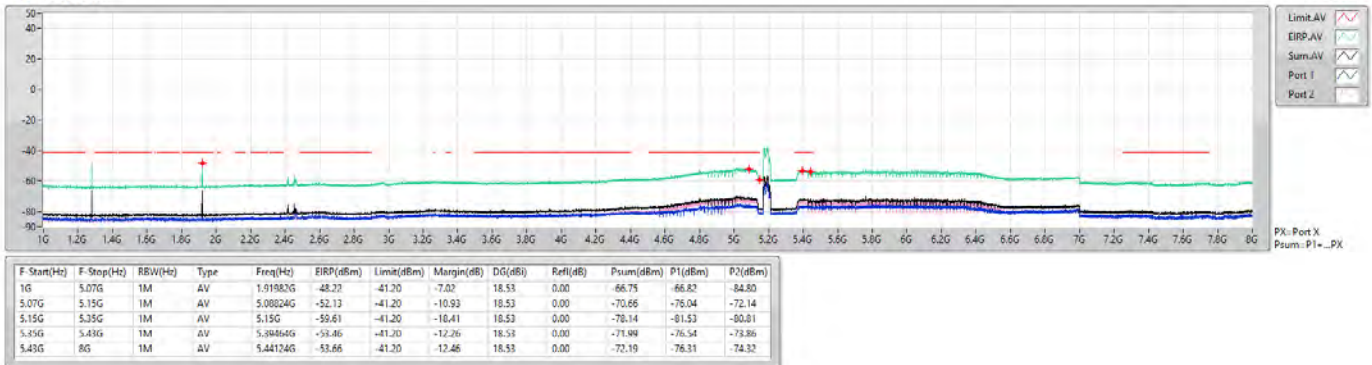
5190MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

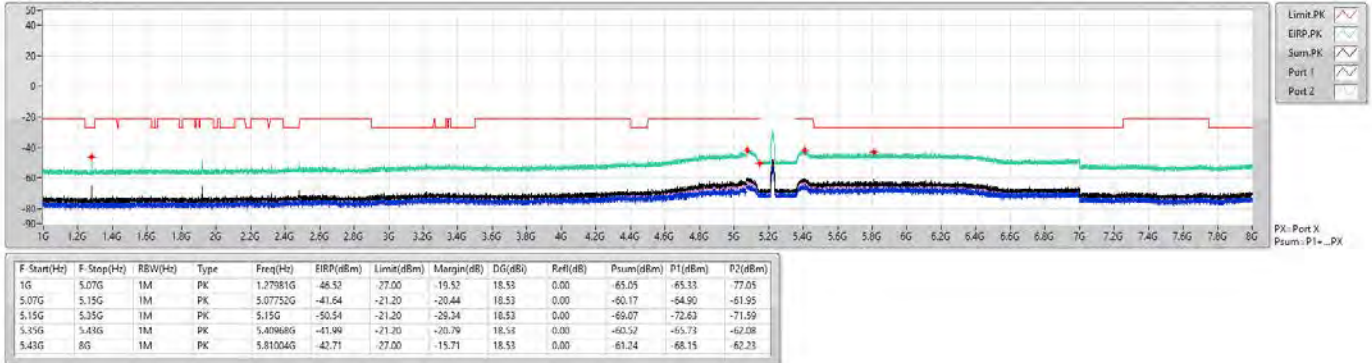
5190MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

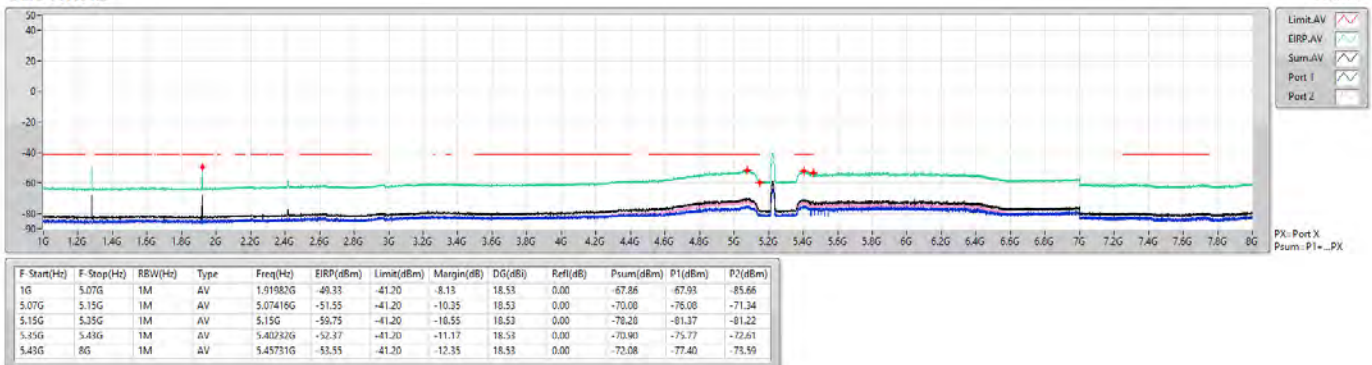
5230MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

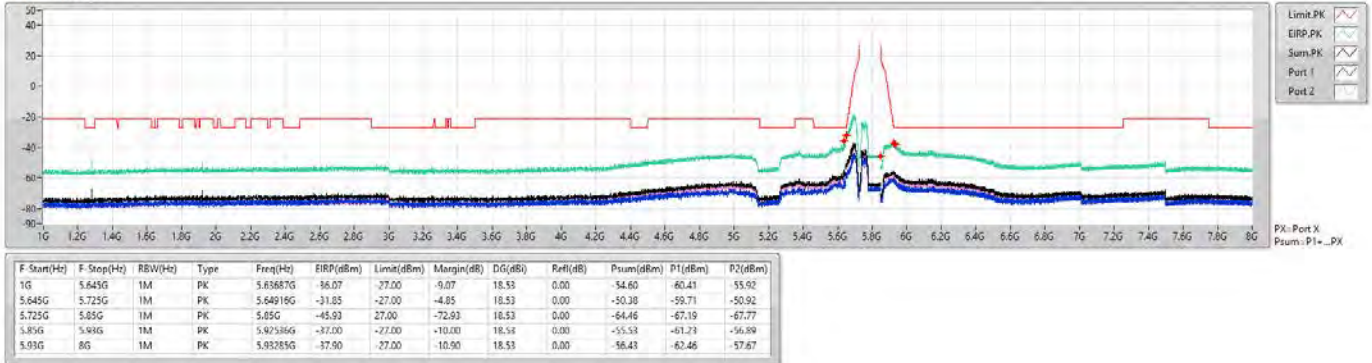
5230MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

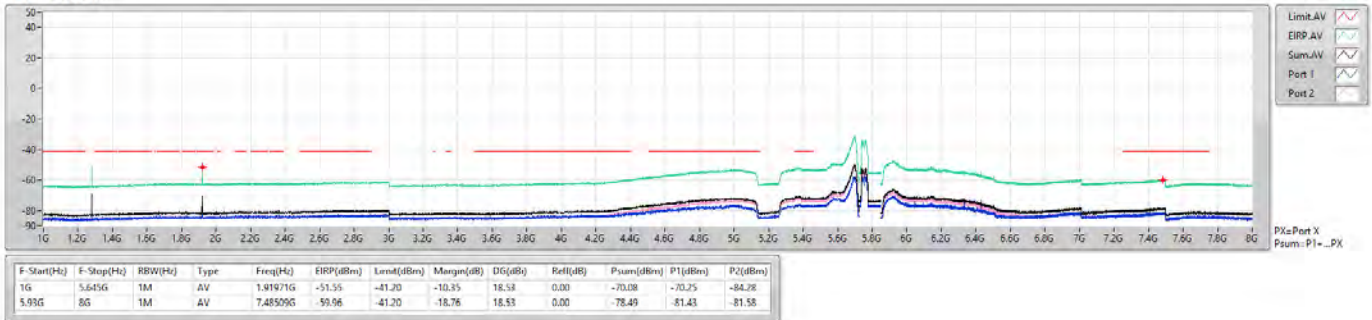
5755MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5755MHz

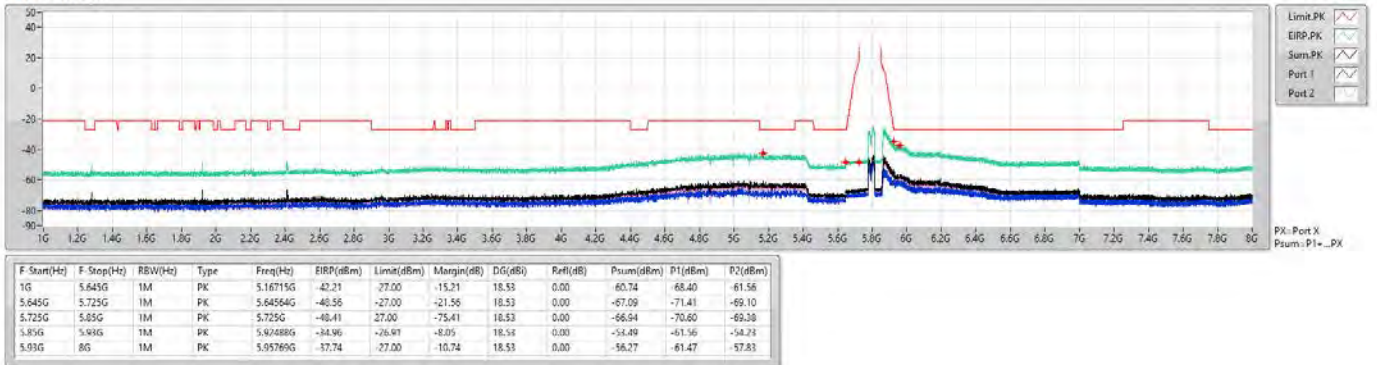


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [PK]

5795MHz

24/08/2022

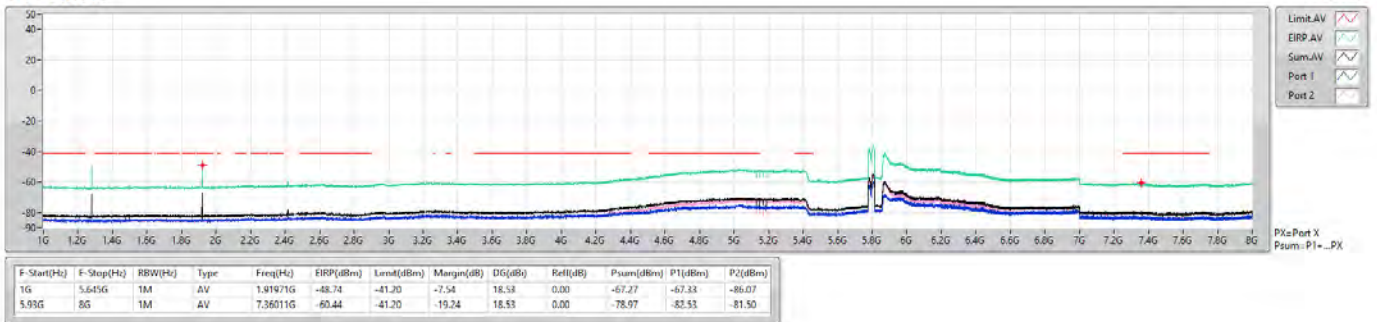


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Other [AV]

5795MHz

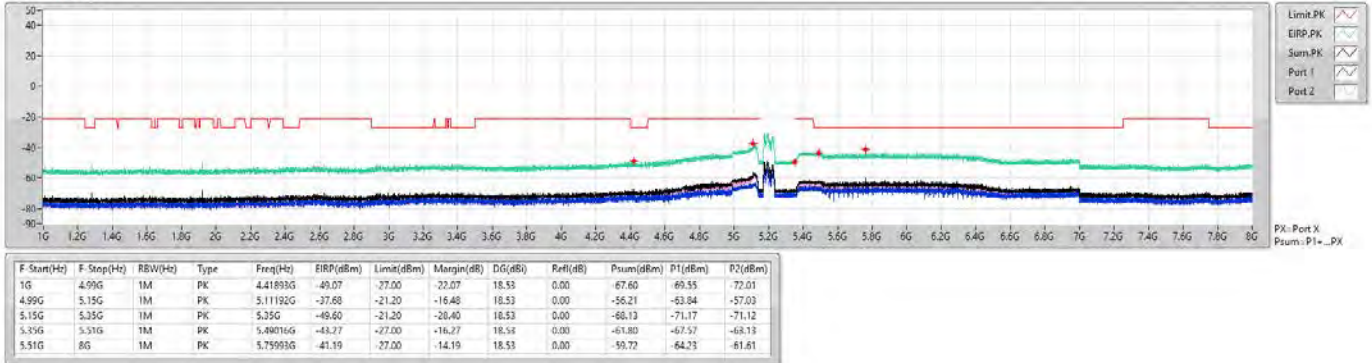
24/08/2022



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

5210MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5210MHz

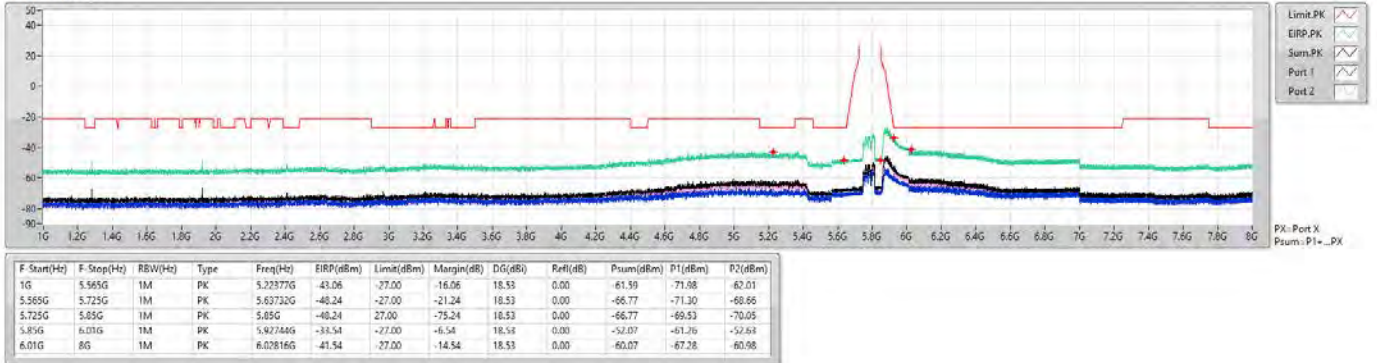


802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [PK]

5775MHz

24/08/2022

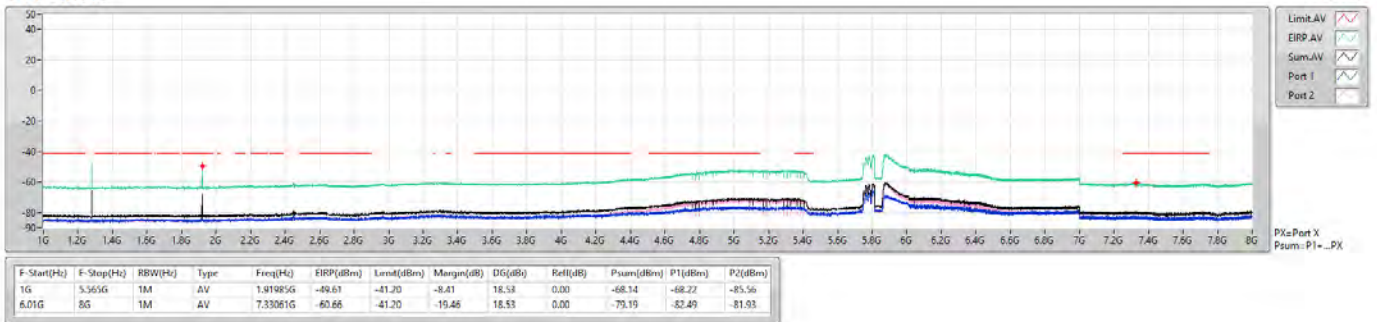


802.11ax HEW80_Nss1,(MCS0)_2TX

CSE Other [AV]

5775MHz

24/08/2022



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

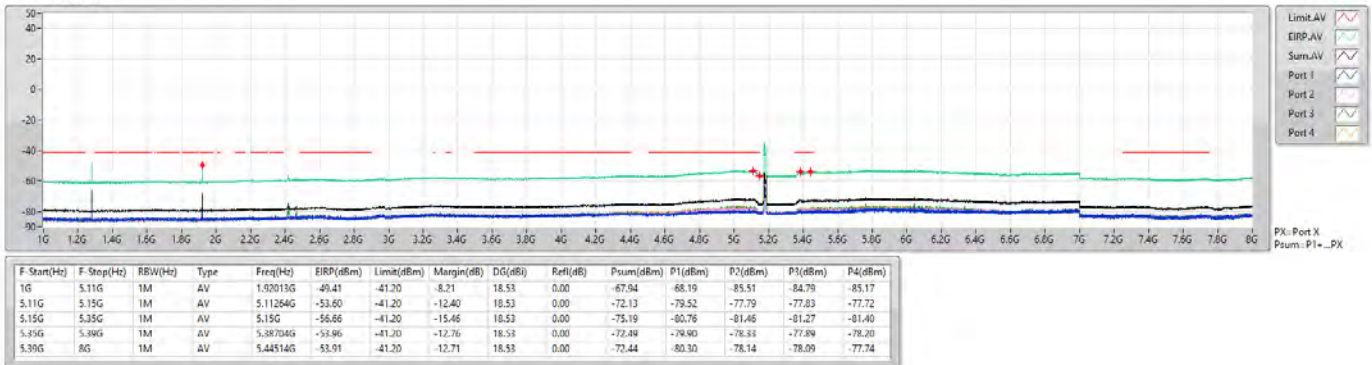
5180MHz



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]

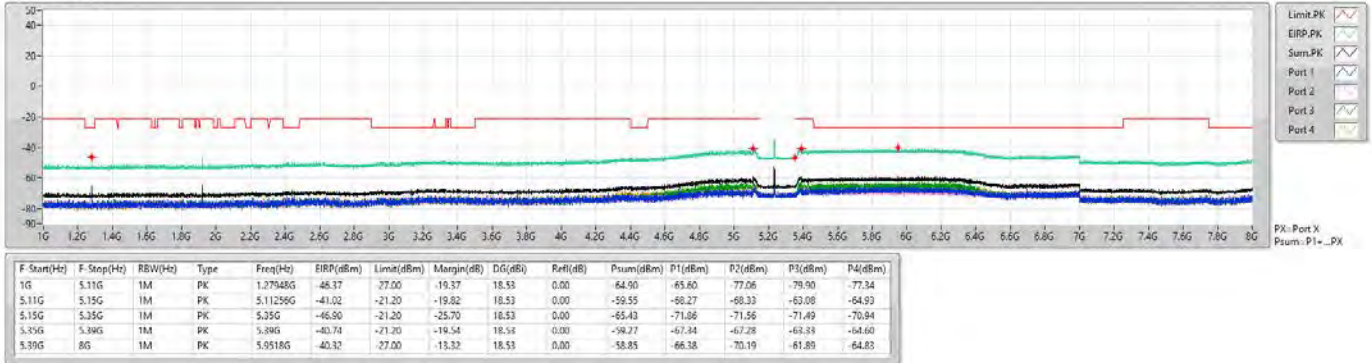
5200MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5240MHz



802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5240MHz

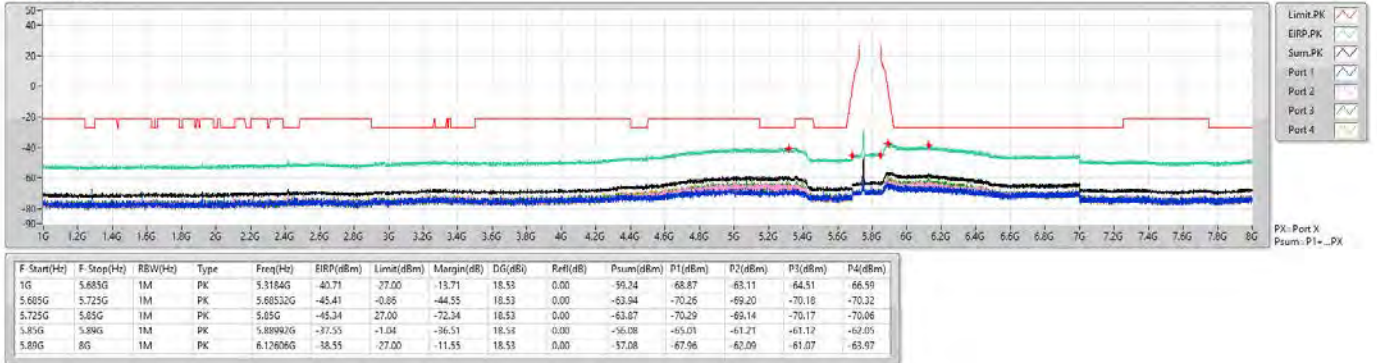


802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5745MHz

24/08/2022

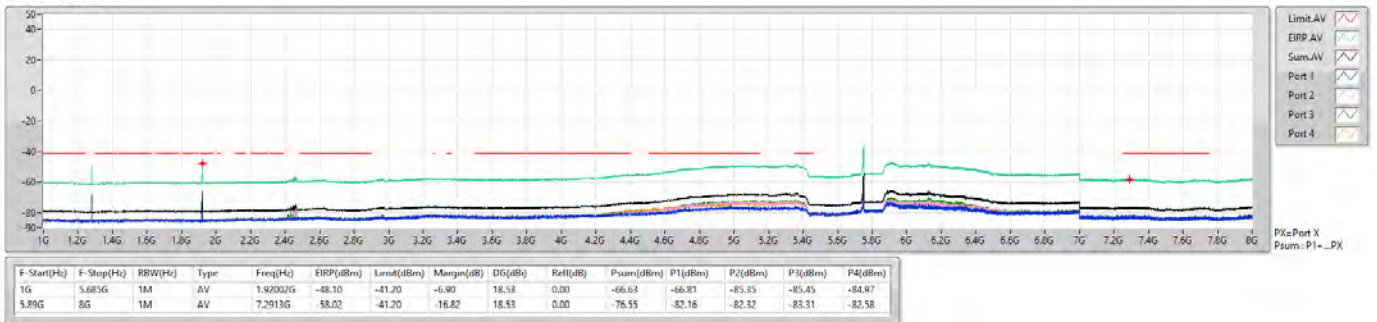


802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5745MHz

24/08/2022

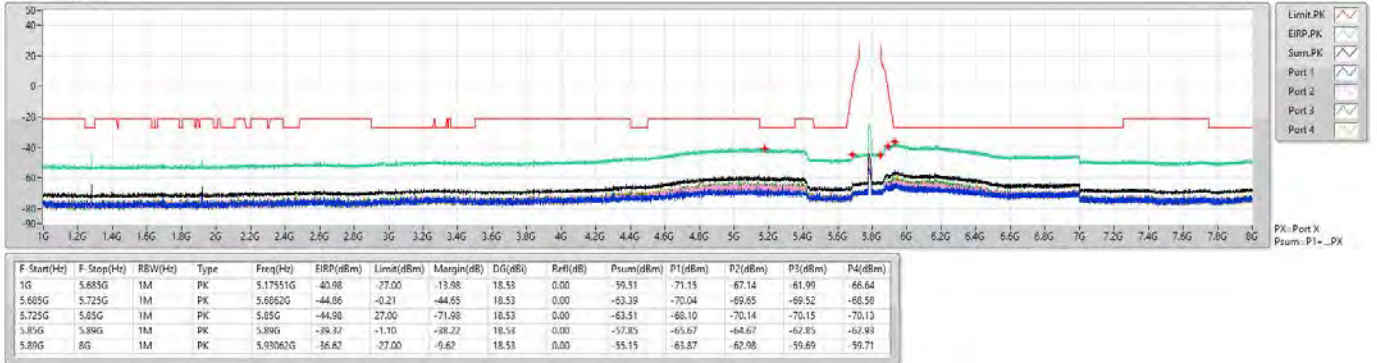


802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

5785MHz

24/08/2022

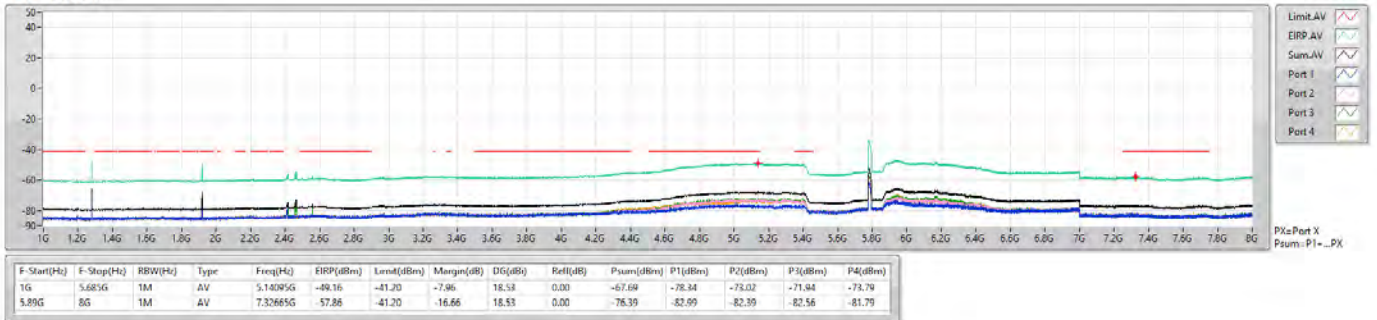


802.11a_Nss1,(6Mbps)_4TX

CSE Other [AV]

5785MHz

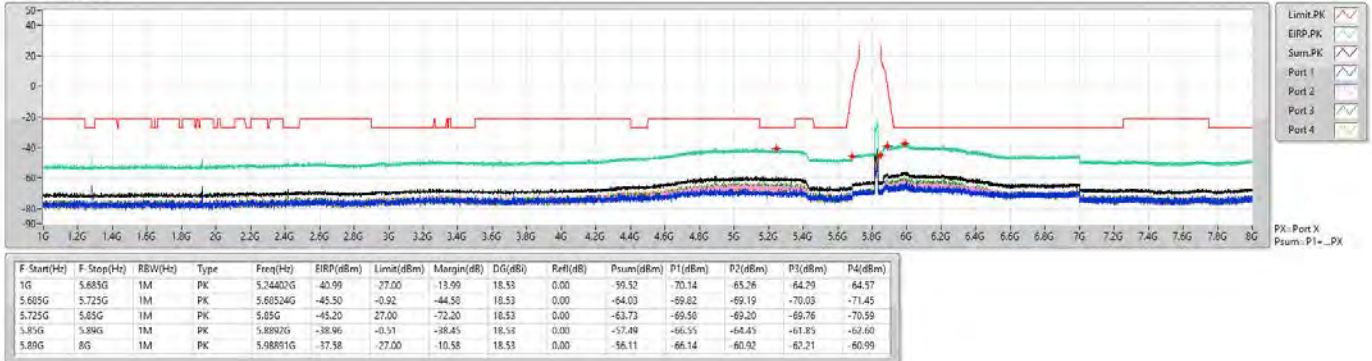
24/08/2022



802.11a_Nss1,(6Mbps)_4TX

CSE Other [PK]

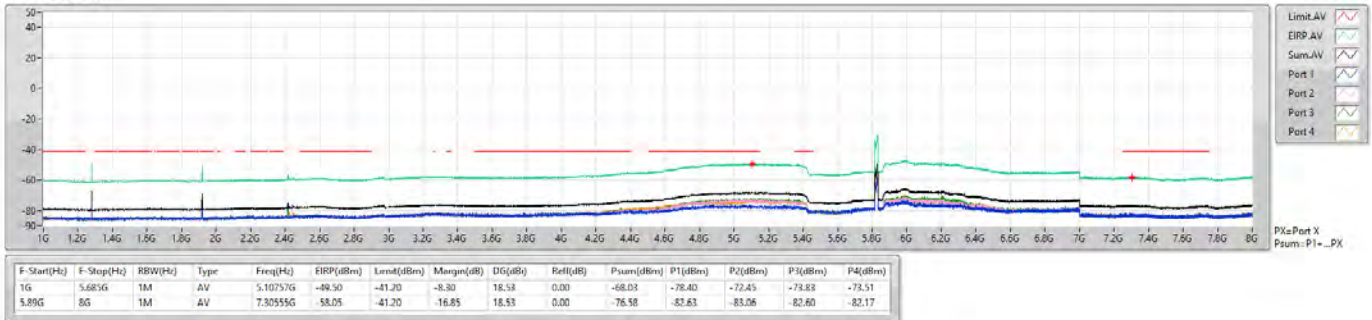
5825MHz



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]

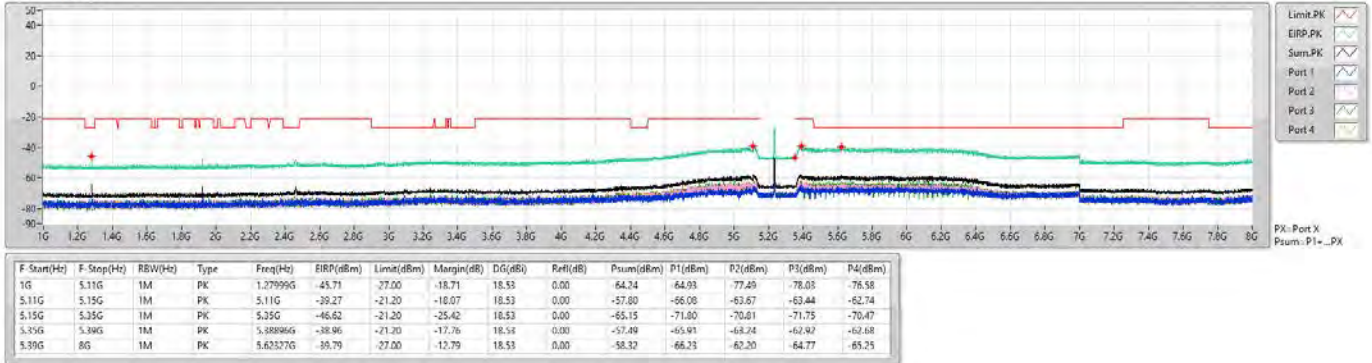
5200MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

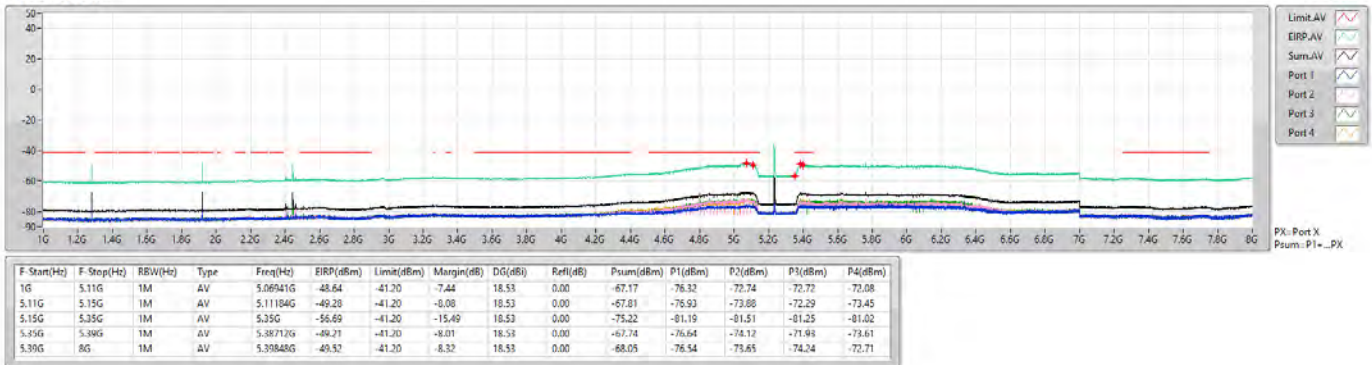
5240MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

5240MHz

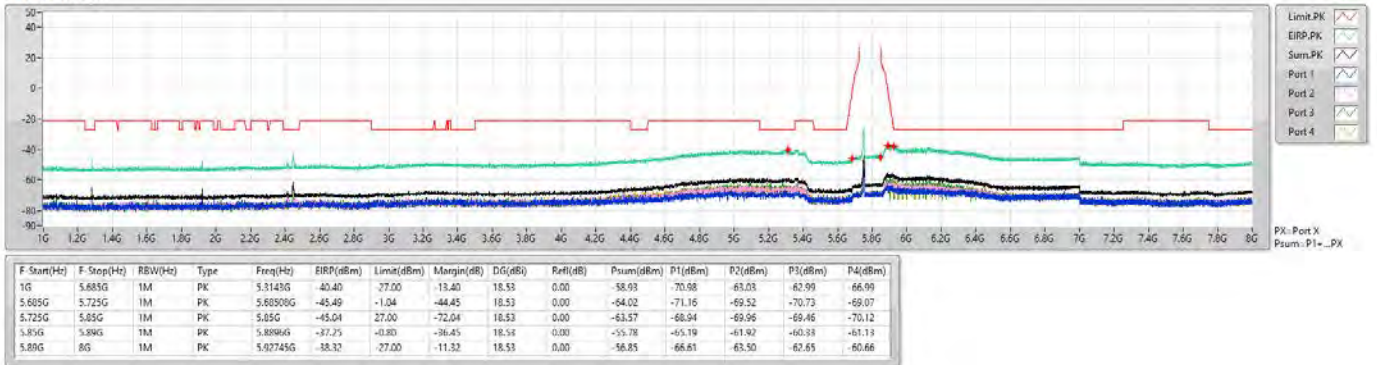


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5745MHz

24/08/2022

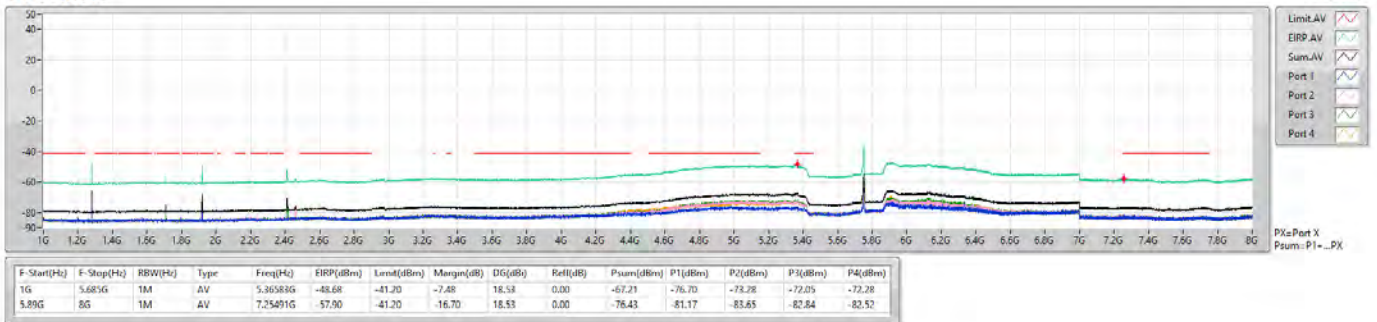


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

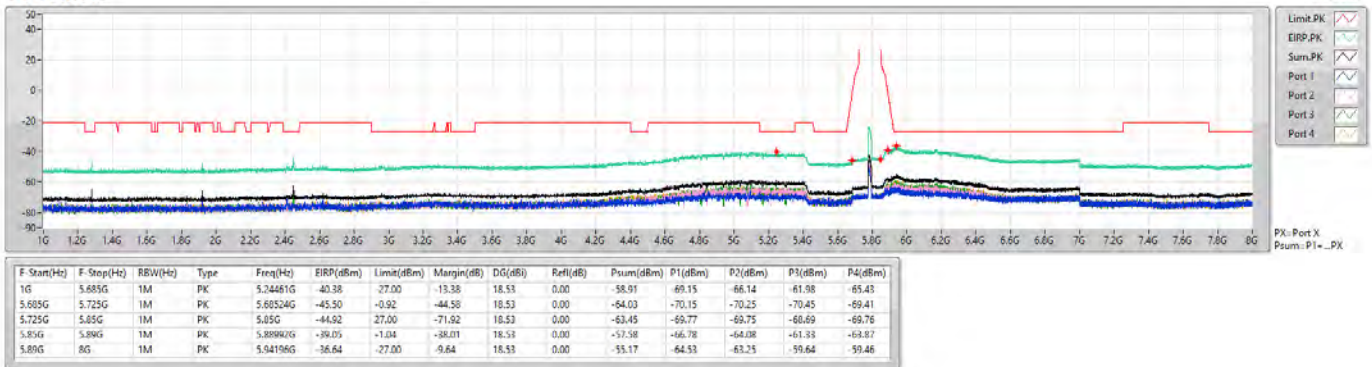
5745MHz

24/08/2022



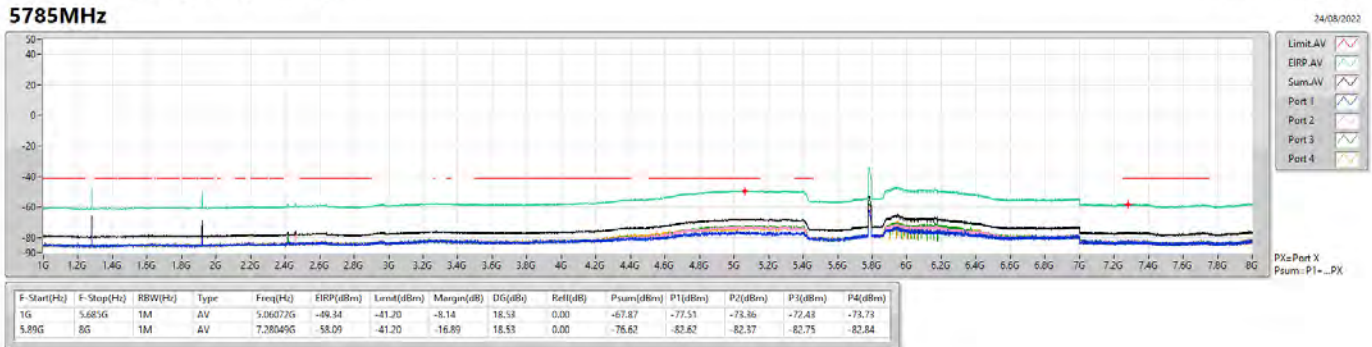
802.11ax HEW20_Nss1,(MCS0)_4TX
5785MHz

CSE Other [PK]



802.11ax HEW20_Nss1,(MCS0)_4TX
5785MHz

CSE Other [AV]

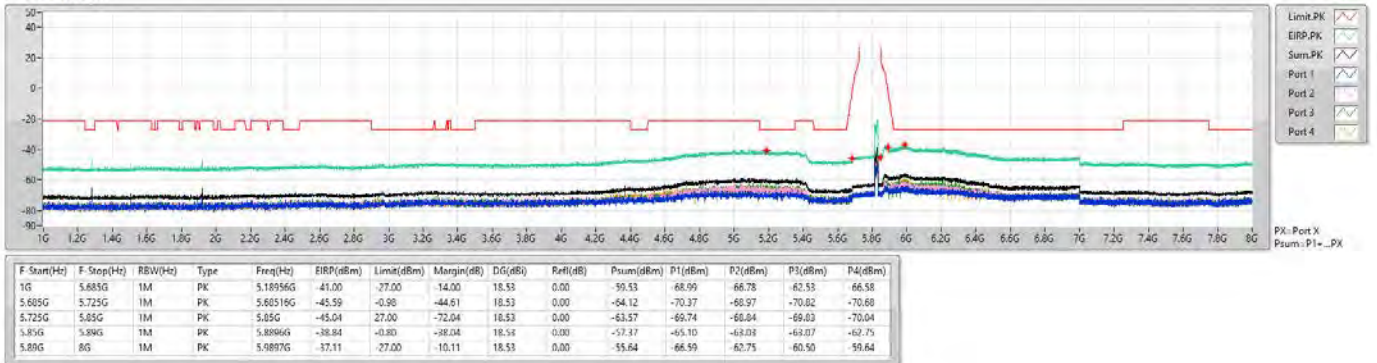


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [PK]

5825MHz

24/08/2022

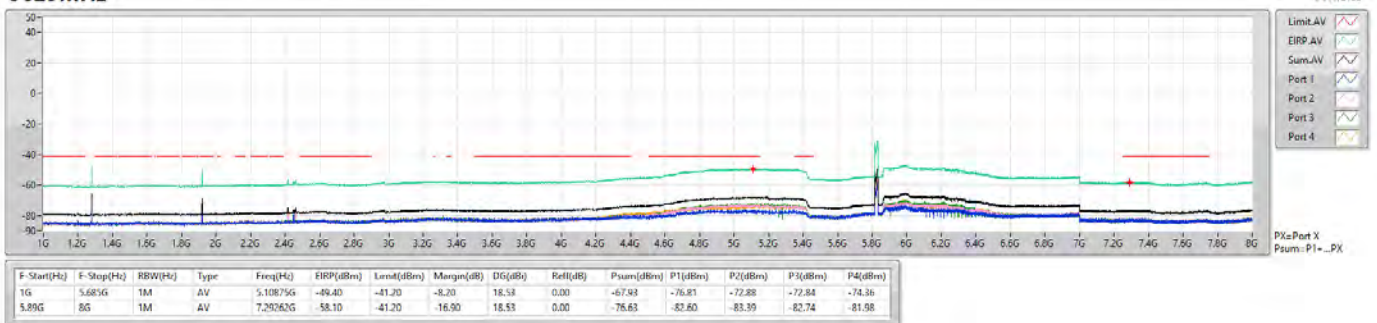


802.11ax HEW20_Nss1,(MCS0)_4TX

CSE Other [AV]

5825MHz

24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5190MHz

CSE Other [PK]

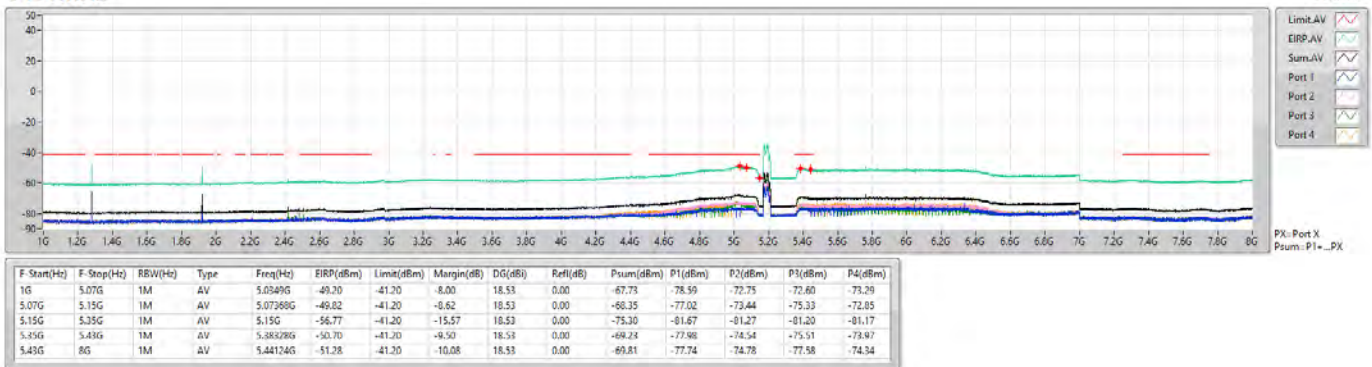
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5190MHz

CSE Other [AV]

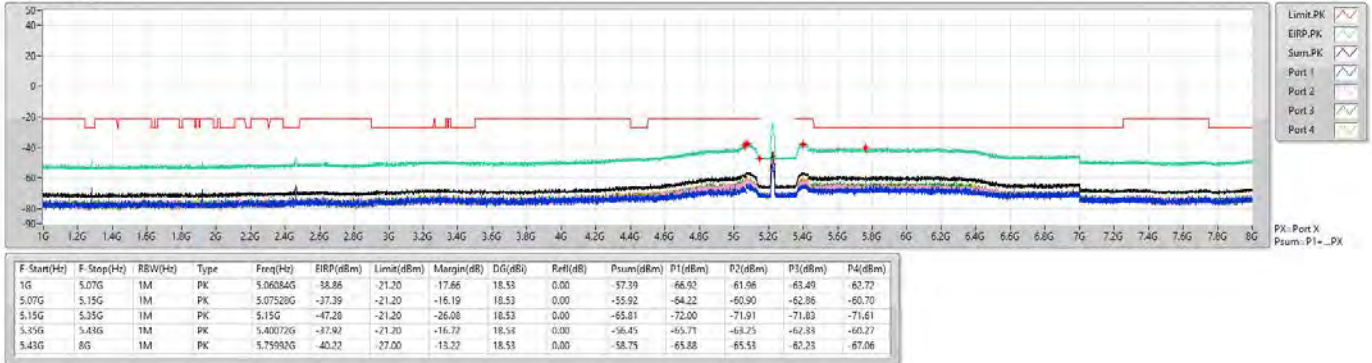
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [PK]

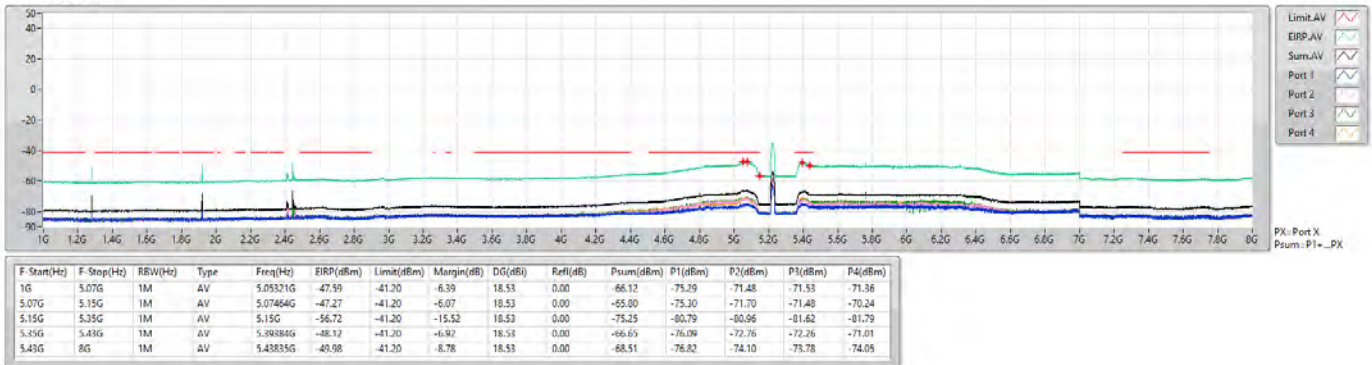
5230MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [AV]

5230MHz

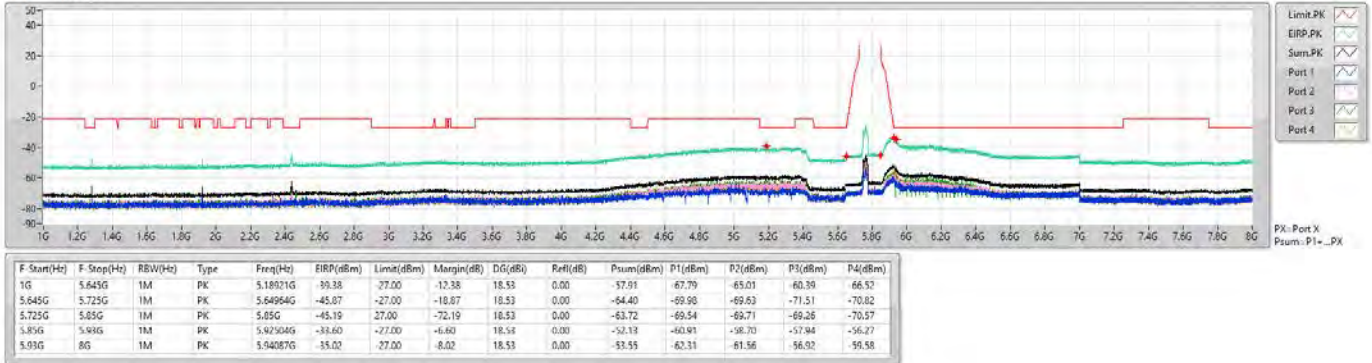


802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [PK]

5755MHz

24/08/2022

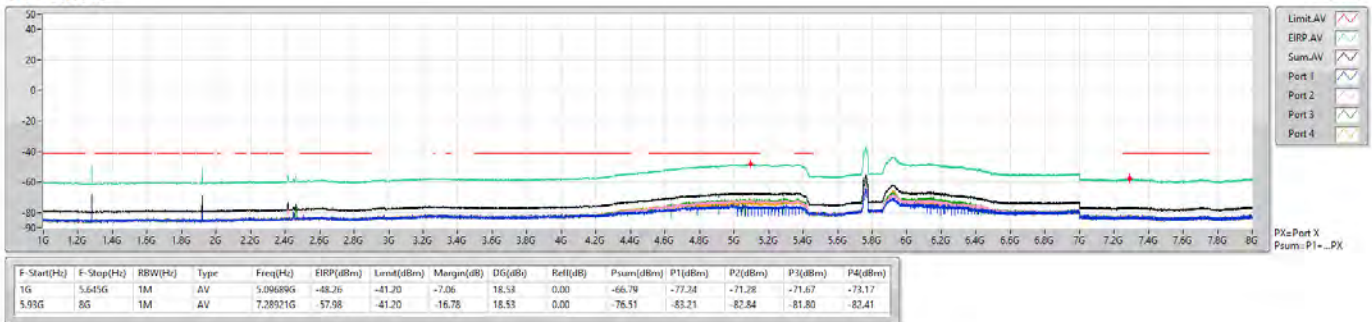


802.11ax HEW40_Nss1,(MCS0)_4TX

CSE Other [AV]

5755MHz

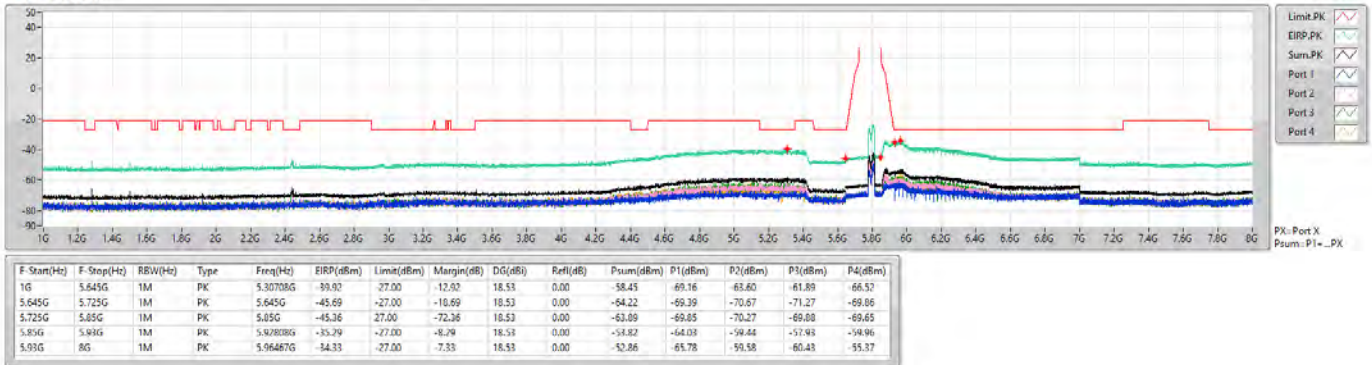
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5795MHz

CSE Other [PK]

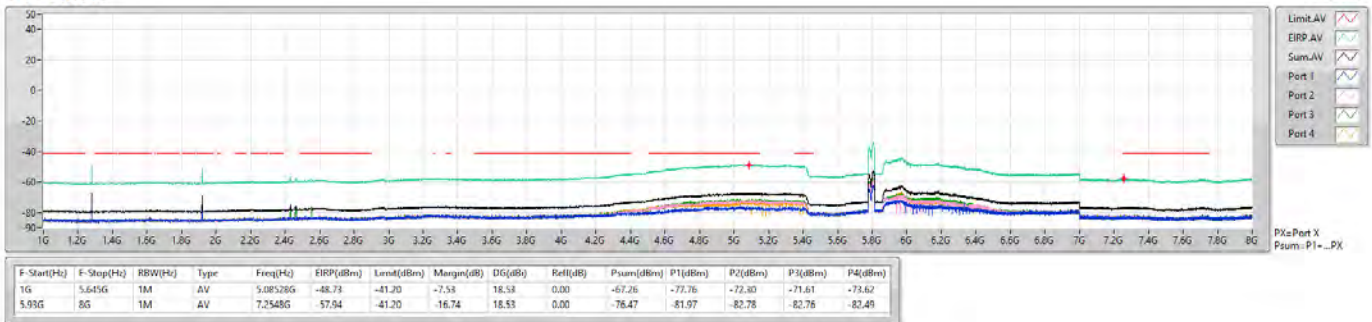
24/08/2022



802.11ax HEW40_Nss1,(MCS0)_4TX
5795MHz

CSE Other [AV]

24/08/2022



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [PK]

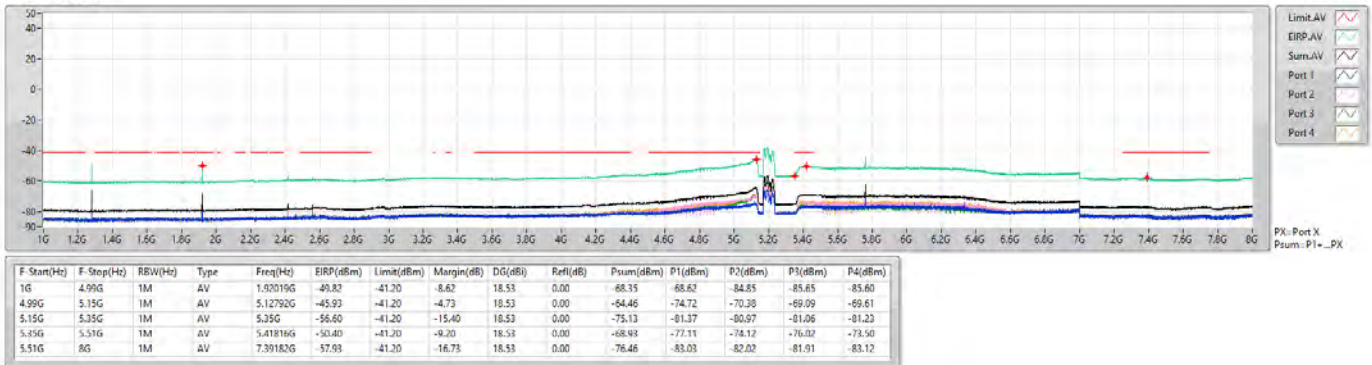
5210MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [AV]

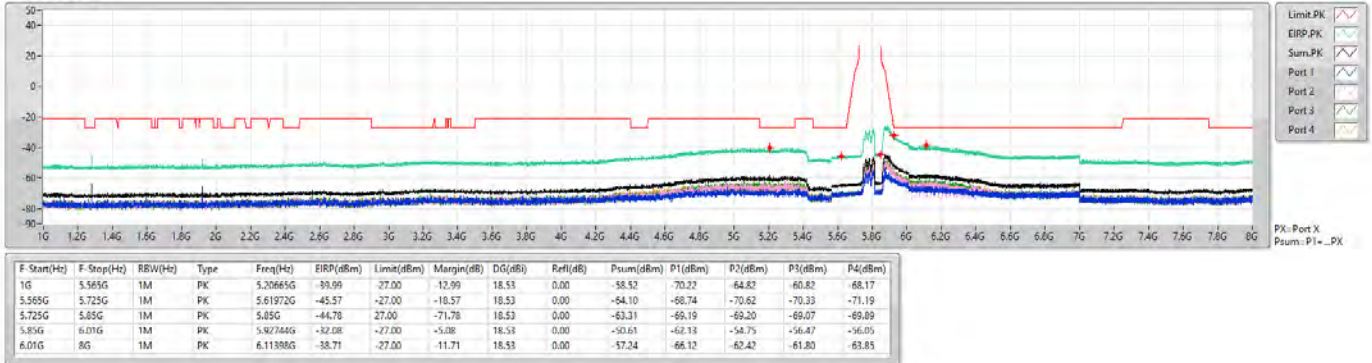
5210MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [PK]

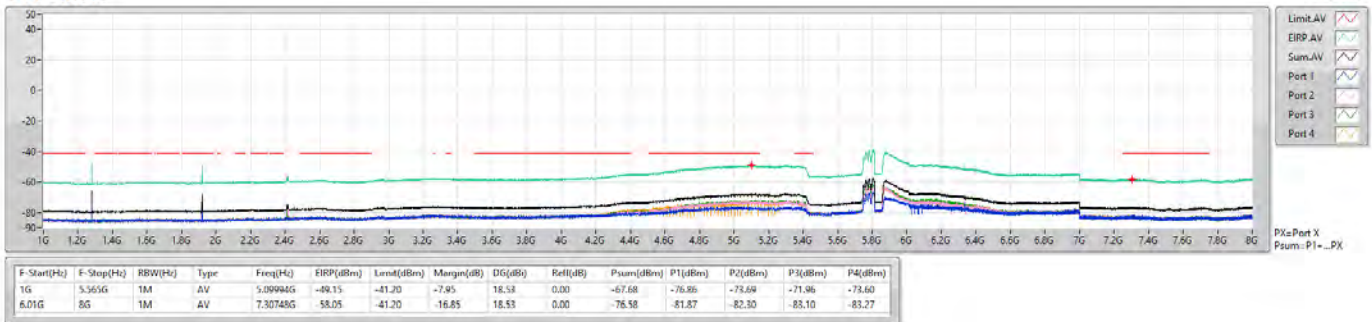
5775MHz



802.11ax HEW80_Nss1,(MCS0)_4TX

CSE Other [AV]

5775MHz





CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to P Appendix E.18

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	39.79G	18.53	-76.84	-76.19			-73.49	-54.96	-41.20	-13.76
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.7795G	18.53	-75.80	-77.22			-73.44	-54.91	-41.20	-13.71
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 P Appendix E.18

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	8.5G	18.53	-78.46	-79.68			-76.02	-57.49	-41.20	-16.29
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-80.77	-81.42			-78.07	-59.54	-41.20	-18.34
5240MHz	Pass	12G	40G	AV	22.0275G	18.53	-78.52	-78.59			-75.54	-57.01	-41.20	-15.81
5240MHz	Pass	8G	12G	PK	8.5965G	18.53	-70.40	-65.59			-64.35	-45.82	-27.00	-18.82
5240MHz	Pass	8G	12G	PK	10.4905G	18.53	-68.37	-72.45			-66.94	-48.41	-27.00	-21.41
5240MHz	Pass	12G	40G	PK	21.968G	18.53	-69.22	-68.82			-66.01	-47.48	-27.00	-20.48
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	8.4975G	18.53	-79.14	-79.14			-76.13	-57.60	-41.20	-16.40
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-81.13	-81.37			-78.24	-59.71	-41.20	-18.51
5240MHz	Pass	12G	40G	AV	22.0555G	18.53	-79.16	-78.12			-75.60	-57.07	-41.20	-15.87
5240MHz	Pass	8G	12G	PK	8.683G	18.53	-68.78	-67.29			-64.96	-46.43	-27.00	-19.43



CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to P Appendix E.18

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)
5240MHz	Pass	8G	12G	PK	10.4845G	18.53	-68.85	-70.86			-66.73	-48.20	-27.00	-21.20
5240MHz	Pass	12G	40G	PK	32.762G	18.53	-67.78	-71.31			-66.19	-47.66	-27.00	-20.66
5745MHz	Pass	8G	12G	AV	8.5G	18.53	-79.61	-78.94			-76.25	-57.72	-41.20	-16.52
5745MHz	Pass	8G	12G	AV	11.501G	18.53	-79.57	-79.16			-76.35	-57.82	-41.20	-16.62
5745MHz	Pass	12G	40G	AV	22.017G	18.53	-78.95	-78.09			-75.49	-56.96	-41.20	-15.76
5745MHz	Pass	8G	12G	PK	8.834G	18.53	-67.24	-69.32			-65.15	-46.62	-27.00	-19.62
5745MHz	Pass	8G	12G	PK	11.505G	18.53	-70.70	-68.68			-66.56	-48.03	-21.20	-26.83
5745MHz	Pass	12G	40G	PK	33.35G	18.53	-69.85	-68.08			-65.87	-47.34	-27.00	-20.34
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	8.4985G	18.53	-78.24	-79.05			-75.62	-57.09	-41.20	-15.89
5755MHz	Pass	8G	12G	AV	11.5155G	18.53	-79.74	-79.29			-76.50	-57.97	-41.20	-16.77
5755MHz	Pass	12G	40G	AV	22.017G	18.53	-78.33	-78.74			-75.52	-56.99	-41.20	-15.79
5755MHz	Pass	8G	12G	PK	8.6585G	18.53	-67.71	-68.93			-65.27	-46.74	-27.00	-19.74
5755MHz	Pass	8G	12G	PK	11.5165G	18.53	-71.24	-68.36			-66.56	-48.03	-21.20	-26.83
5755MHz	Pass	12G	40G	PK	32.756G	18.53	-70.29	-67.54			-65.69	-47.16	-27.00	-20.16
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	-26.85
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



CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to P Appendix E.18

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	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
5785MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.27	-76.97	-76.70	-76.55	-70.59	-52.06	-41.20	-10.86
5785MHz	Pass	8G	12G	PK	10.558G	18.53	-78.15	-77.04	-79.55	-77.61	-71.97	-53.44	-27.00	-26.44
5785MHz	Pass	8G	12G	PK	11.5725G	18.53	-75.15	-73.88	-78.49	-72.65	-68.54	-50.01	-21.20	-28.81
5785MHz	Pass	12G	40G	PK	38.397G	18.53	-69.61	-69.56	-70.85	-73.14	-64.55	-46.02	-27.00	-19.02
5825MHz	Pass	8G	12G	AV	11.65G	18.53	-88.41	-84.66	-83.72	-84.86	-79.07	-60.54	-41.20	-19.34
5825MHz	Pass	12G	40G	AV	39.8215G	18.53	-76.87	-76.46	-76.60	-76.95	-70.69	-52.16	-41.20	-10.96
5825MHz	Pass	8G	12G	PK	8.0135G	18.53	-79.33	-78.28	-79.12	-75.77	-71.85	-53.32	-27.00	-26.32
5825MHz	Pass	8G	12G	PK	11.6525G	18.53	-80.01	-74.71	-73.44	-77.05	-69.63	-51.10	-21.20	-29.90
5825MHz	Pass	12G	40G	PK	38.4215G	18.53	-71.77	-69.42	-72.11	-69.08	-64.37	-45.84	-27.00	-18.84
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-87.59	-88.25	-88.57	-88.33	-82.15	-63.62	-41.20	-22.42
5180MHz	Pass	8G	12G	AV	10.9315G	18.53	-86.00	-87.13	-87.09	-87.47	-80.87	-62.34	-41.20	-21.14
5180MHz	Pass	12G	40G	AV	39.804G	18.53	-76.35	-76.63	-76.60	-76.76	-70.56	-52.03	-41.20	-10.83
5180MHz	Pass	8G	12G	PK	10.349G	18.53	-79.04	-78.06	-80.73	-77.66	-72.70	-54.17	-27.00	-27.17
5180MHz	Pass	8G	12G	PK	10.5825G	18.53	-78.71	-76.55	-77.61	-78.21	-71.67	-53.14	-27.00	-26.14
5180MHz	Pass	12G	40G	PK	37.809G	18.53	-73.50	-71.70	-70.02	-68.91	-64.68	-46.15	-27.00	-19.15
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-88.47	-87.96	-87.99	-87.45	-81.93	-63.40	-41.20	-22.20
5200MHz	Pass	8G	12G	AV	10.977G	18.53	-87.39	-86.15	-86.66	-87.04	-80.76	-62.23	-41.20	-21.03
5200MHz	Pass	12G	40G	AV	39.853G	18.53	-76.54	-76.77	-76.82	-76.52	-70.64	-52.11	-41.20	-10.91
5200MHz	Pass	8G	12G	PK	10.404G	18.53	-77.15	-77.95	-75.40	-79.14	-71.17	-52.64	-27.00	-25.64
5200MHz	Pass	12G	40G	PK	38.481G	18.53	-71.19	-70.71	-71.76	-69.17	-64.58	-46.05	-27.00	-19.05
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-87.82	-87.75	-87.83	-87.72	-81.76	-63.23	-41.20	-22.03
5240MHz	Pass	8G	12G	AV	11.9745G	18.53	-86.60	-86.97	-86.97	-86.91	-80.84	-62.31	-41.20	-21.11
5240MHz	Pass	12G	40G	AV	39.8215G	18.53	-76.79	-76.38	-76.90	-76.52	-70.62	-52.09	-41.20	-10.89
5240MHz	Pass	8G	12G	PK	10.0015G	18.53	-78.77	-76.39	-78.36	-78.99	-71.98	-53.45	-27.00	-26.45
5240MHz	Pass	8G	12G	PK	10.482G	18.53	-78.41	-77.69	-78.34	-78.26	-72.14	-53.61	-27.00	-26.61
5240MHz	Pass	12G	40G	PK	38.404G	18.53	-69.99	-71.03	-71.43	-70.11	-64.58	-46.05	-27.00	-19.05
5745MHz	Pass	8G	12G	AV	11.4885G	18.53	-81.68	-81.39	-83.45	-84.48	-76.55	-58.02	-41.20	-16.82
5745MHz	Pass	12G	40G	AV	39.8285G	18.53	-75.68	-76.77	-76.90	-76.70	-70.46	-51.93	-41.20	-10.73
5745MHz	Pass	8G	12G	PK	10.5755G	18.53	-79.64	-75.85	-77.97	-79.04	-71.85	-53.32	-27.00	-26.32
5745MHz	Pass	8G	12G	PK	11.4945G	18.53	-72.75	-73.45	-73.88	-76.24	-67.88	-49.35	-21.20	-28.15
5745MHz	Pass	12G	40G	PK	38.4495G	18.53	-72.19	-69.98	-73.59	-70.62	-65.36	-46.83	-27.00	-19.83
5785MHz	Pass	8G	12G	AV	11.57G	18.53	-85.08	-83.87	-85.67	-82.41	-78.05	-59.52	-41.20	-18.32
5785MHz	Pass	12G	40G	AV	39.825G	18.53	-76.93	-77.01	-75.89	-76.71	-70.59	-52.06	-41.20	-10.86
5785MHz	Pass	8G	12G	PK	10.655G	18.53	-78.01	-79.19	-78.51	-76.08	-71.76	-53.23	-27.00	-26.23
5785MHz	Pass	8G	12G	PK	11.579G	18.53	-75.90	-70.65	-79.54	-75.04	-68.12	-49.59	-21.20	-28.39
5785MHz	Pass	12G	40G	PK	38.397G	18.53	-71.32	-68.23	-70.67	-70.94	-64.09	-45.56	-27.00	-18.56
5825MHz	Pass	8G	12G	AV	11.6515G	18.53	-88.27	-85.00	-84.69	-84.67	-79.41	-60.88	-41.20	-19.68
5825MHz	Pass	12G	40G	AV	39.8075G	18.53	-77.32	-76.93	-76.90	-75.62	-70.62	-52.09	-41.20	-10.89
5825MHz	Pass	8G	12G	PK	10.012G	18.53	-77.77	-78.32	-77.53	-77.61	-71.78	-53.25	-27.00	-26.25
5825MHz	Pass	8G	12G	PK	11.6415G	18.53	-79.49	-78.71	-72.65	-77.95	-70.22	-51.69	-21.20	-30.49
5825MHz	Pass	12G	40G	PK	37.718G	18.53	-70.27	-71.23	-69.62	-73.06	-64.84	-46.31	-27.00	-19.31
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-88.23	-87.57	-88.37	-88.15	-82.05	-63.52	-41.20	-22.32
5190MHz	Pass	8G	12G	AV	10.9865G	18.53	-86.79	-86.53	-86.92	-86.74	-80.72	-62.19	-41.20	-20.99
5190MHz	Pass	12G	40G	AV	39.8145G	18.53	-76.77	-76.66	-75.57	-77.33	-70.51	-51.98	-41.20	-10.78
5190MHz	Pass	8G	12G	PK	10.3885G	18.53	-79.49	-78.23	-80.21	-79.18	-73.20	-54.67	-27.00	-27.67
5190MHz	Pass	8G	12G	PK	10.583G	18.53	-78.85	-78.04	-79.01	-76.05	-71.80	-53.27	-27.00	-26.27
5190MHz	Pass	12G	40G	PK	38.4215G	18.53	-71.50	-68.19	-70.59	-71.62	-64.22	-45.69	-27.00	-18.69
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-88.35	-88.54	-88.65	-87.50	-82.22	-63.69	-41.20	-22.49
5230MHz	Pass	8G	12G	AV	11.998G	18.53	-87.16	-86.71	-86.18	-86.84	-80.69	-62.16	-41.20	-20.96
5230MHz	Pass	12G	40G	AV	39.846G	18.53	-75.42	-76.55	-76.28	-76.98	-70.25	-51.72	-41.20	-10.52
5230MHz	Pass	8G	12G	PK	10.0245G	18.53	-77.41	-79.28	-77.48	-76.09	-71.40	-52.87	-27.00	-25.87
5230MHz	Pass	8G	12G	PK	10.454G	18.53	-77.68	-77.67	-79.64	-79.35	-72.47	-53.94	-27.00	-26.94
5230MHz	Pass	12G	40G	PK	38.3935G	18.53	-70.54	-69.97	-70.07	-72.71	-64.67	-46.14	-27.00	-19.14
5755MHz	Pass	8G	12G	AV	11.5045G	18.53	-86.14	-85.10	-82.98	-86.20	-78.88	-60.35	-41.20	-19.15
5755MHz	Pass	12G	40G	AV	39.797G	18.53	-76.67	-76.53	-76.26	-76.99	-70.58	-52.05	-41.20	-10.85
5755MHz	Pass	8G	12G	PK	10.025G	18.53	-76.69	-77.37	-78.58	-78.74	-71.74	-53.21	-27.00	-26.21
5755MHz	Pass	8G	12G	PK	11.5005G	18.53	-75.69	-75.41	-75.82	-75.71	-69.63	-51.10	-21.20	-29.90
5755MHz	Pass	12G	40G	PK	38.383G	18.53	-71.68	-71.05	-69.29	-71.85	-64.82	-46.29	-27.00	-19.29
5795MHz	Pass	8G	12G	AV	11.5965G	18.53	-83.34	-83.59	-84.99	-84.73	-78.08	-59.55	-41.20	-18.35
5795MHz	Pass	12G	40G	AV	39.804G	18.53	-76.50	-75.78	-76.72	-76.15	-70.25	-51.72	-41.20	-10.52
5795MHz	Pass	8G	12G	PK	10.039G	18.53	-78.81	-76.49	-78.76	-78.08	-71.91	-53.38	-27.00	-26.38
5795MHz	Pass	8G	12G	PK	11.599G	18.53	-72.89	-75.07	-76.41	-77.06	-69.03	-50.50	-21.20	-29.30
5795MHz	Pass	12G	40G	PK	38.439G	18.53	-71.78	-69.07	-72.15	-69.26	-64.32	-45.79	-27.00	-18.79



CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to P Appendix E.18

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)
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-87.52	-87.78	-88.08	-88.39	-81.91	-63.38	-41.20	-22.18
5210MHz	Pass	8G	12G	AV	10.973G	18.53	-86.37	-87.59	-86.19	-86.72	-80.66	-62.13	-41.20	-20.93
5210MHz	Pass	12G	40G	AV	39.846G	18.53	-76.45	-76.70	-76.54	-76.72	-70.58	-52.05	-41.20	-10.85
5210MHz	Pass	8G	12G	PK	10.064G	18.53	-76.75	-78.91	-78.85	-76.23	-71.50	-52.97	-27.00	-25.97
5210MHz	Pass	8G	12G	PK	10.452G	18.53	-78.21	-77.85	-79.69	-80.20	-72.86	-54.33	-27.00	-27.33
5210MHz	Pass	12G	40G	PK	38.446G	18.53	-69.86	-69.96	-71.83	-71.99	-64.77	-46.24	-27.00	-19.24
5775MHz	Pass	8G	12G	AV	11.5405G	18.53	-87.11	-85.12	-86.83	-86.08	-80.19	-61.66	-41.20	-20.46
5775MHz	Pass	12G	40G	AV	39.804G	18.53	-76.51	-76.39	-76.13	-77.03	-70.48	-51.95	-41.20	-10.75
5775MHz	Pass	8G	12G	PK	10.019G	18.53	-76.78	-79.34	-77.48	-77.87	-71.75	-53.22	-27.00	-26.22
5775MHz	Pass	8G	12G	PK	11.556G	18.53	-76.70	-77.23	-75.23	-77.54	-70.56	-52.03	-21.20	-30.83
5775MHz	Pass	12G	40G	PK	38.488G	18.53	-72.62	-70.02	-71.67	-70.62	-65.10	-46.57	-27.00	-19.57

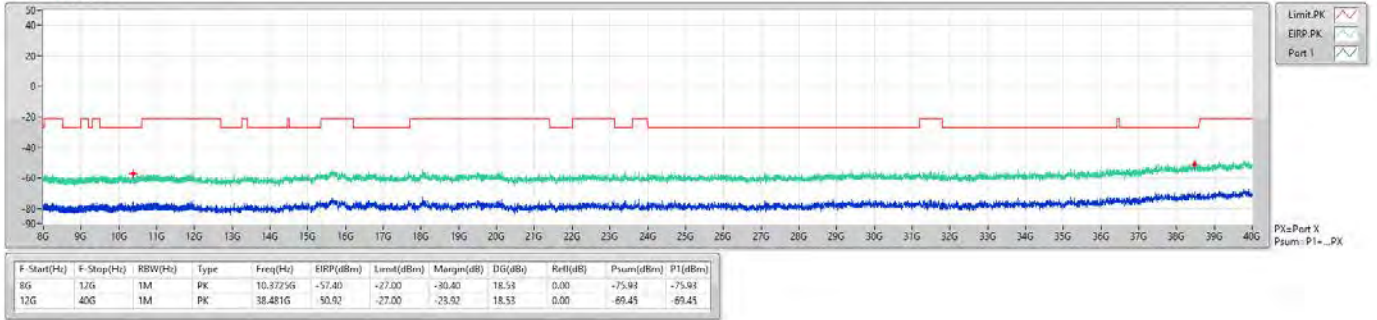
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

802.11a_Nss1,(6Mbps)_1TX

5180MHz

CSE [PK]

06/09/2022

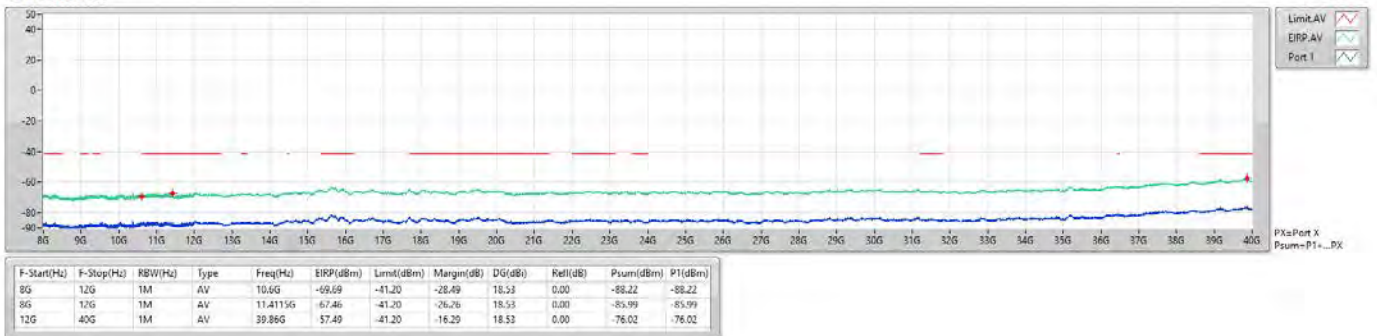


802.11a_Nss1,(6Mbps)_1TX

5180MHz

CSE [AV]

06/09/2022

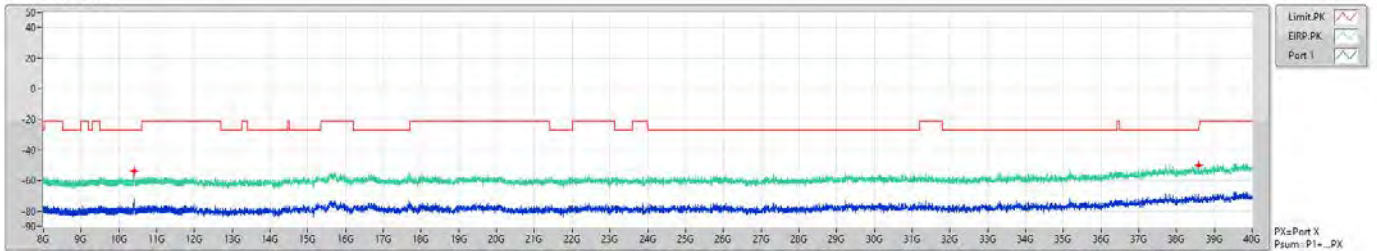


802.11a_Nss1,(6Mbps)_1TX

5200MHz

CSE [PK]

06/09/2022



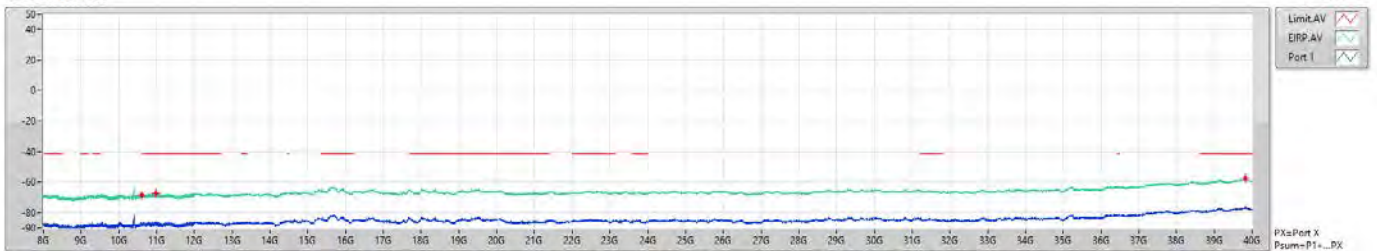
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	10.4015G	-54.10	-27.00	-27.10	18.53	0.00	-72.63	-72.63
12G	40G	1M	PK	38.5895G	-49.91	-27.00	-22.91	18.53	0.00	-68.44	-68.44

802.11a_Nss1,(6Mbps)_1TX

5200MHz

CSE [AV]

06/09/2022



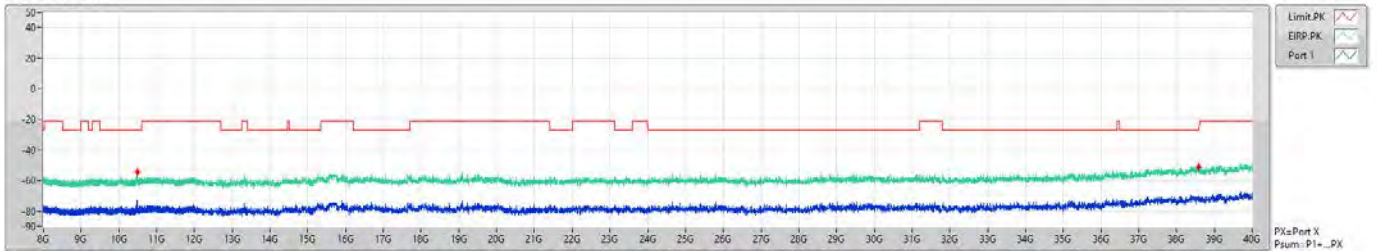
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8G	12G	1M	AV	10.6G	-68.44	-41.20	-27.24	18.53	0.00	-86.97	-86.97
3G	12G	1M	AV	16.972G	-67.56	-41.20	-26.36	18.53	0.00	-86.09	-86.09
12G	40G	1M	AV	39.8145G	-57.74	-41.20	-16.54	18.53	0.00	-76.27	-76.27

802.11a_Nss1,(6Mbps)_1TX

5240MHz

CSE [PK]

06/09/2022



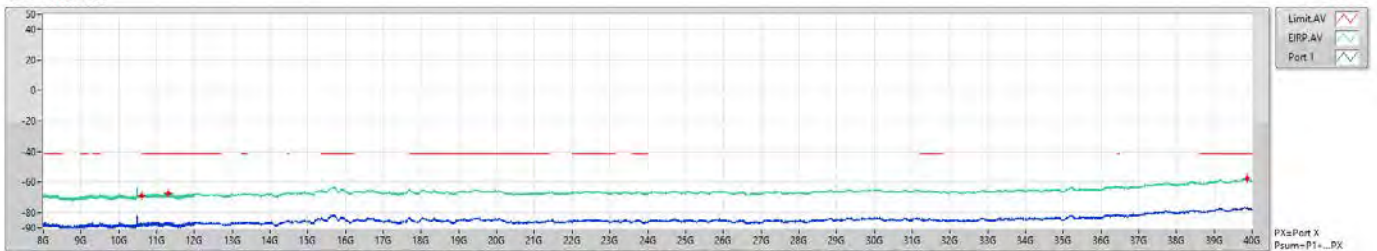
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	10.486G	-54.51	-27.00	-27.51	18.53	0.00	-73.04	-73.04
12G	40G	1M	PK	38.5825G	-51.06	-27.00	-24.06	18.53	0.00	-69.59	-69.59

802.11a_Nss1,(6Mbps)_1TX

5240MHz

CSE [AV]

06/09/2022



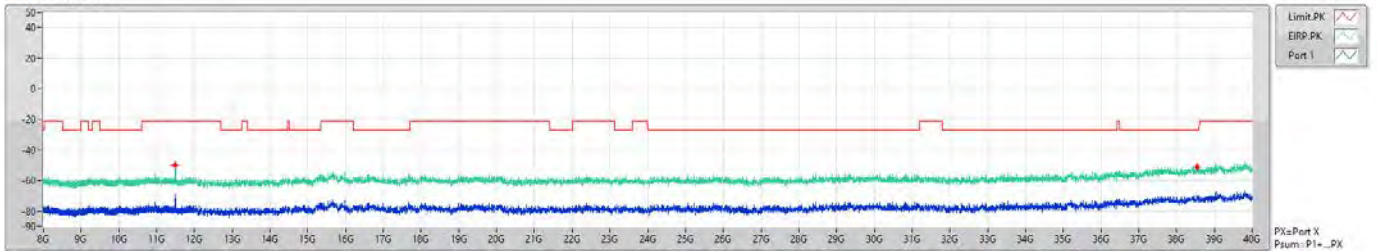
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8G	12G	1M	AV	10.6G	-68.21	-41.20	-28.01	18.53	0.00	-87.74	-87.74
3G	12G	1M	AV	11.3065G	-67.62	-41.20	-26.42	18.53	0.00	-86.15	-86.15
12G	40G	1M	AV	38.8635G	-57.96	-41.20	-16.76	18.53	0.00	-76.49	-76.49

802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5745MHz

06/09/2022



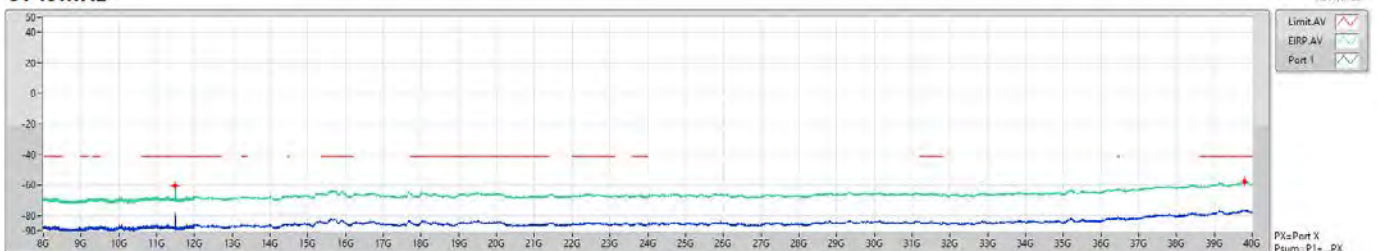
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	11.401G	-50.13	-21.20	-28.93	18.53	0.00	-68.66	-68.66
12G	40G	1M	PK	38.5545G	-51.19	-27.00	-24.19	18.53	0.00	-69.72	-69.72

802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5745MHz

06/09/2022



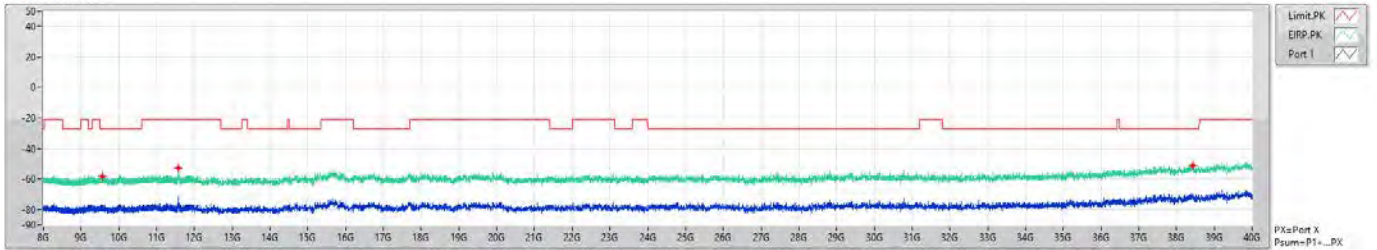
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.402G	-60.22	-41.20	-19.02	18.53	0.00	-78.75	-78.75
12G	40G	1M	AV	38.8005G	-57.79	-41.20	-16.59	18.53	0.00	-76.32	-76.32

802.11a_Nss1,(6Mbps)_1TX

5785MHz

CSE [PK]

06/09/2022



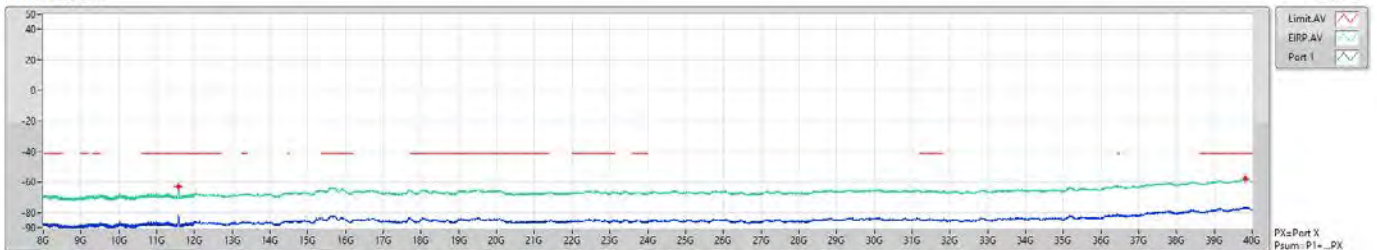
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.5555G	-58.11	-27.00	-31.11	18.58	0.00	-76.64	-76.64
8G	12G	1M	PK	11.5795G	-52.62	-21.20	-31.42	18.55	0.00	-71.15	-71.15
12G	40G	1M	PK	38.4425G	-51.15	-27.00	-24.15	18.53	0.00	-69.68	-69.68

802.11a_Nss1,(6Mbps)_1TX

5785MHz

CSE [AV]

06/09/2022



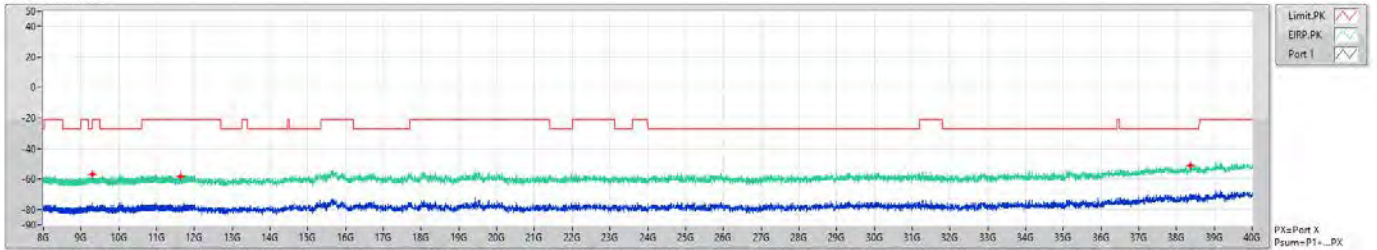
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.5805G	-62.99	-41.20	-21.79	18.58	0.00	-81.52	-81.52
12G	40G	1M	AV	39.818G	-57.57	-41.20	-16.37	18.53	0.00	-76.10	-76.10

802.11a_Nss1,(6Mbps)_1TX

5825MHz

CSE [PK]

06/05/2022



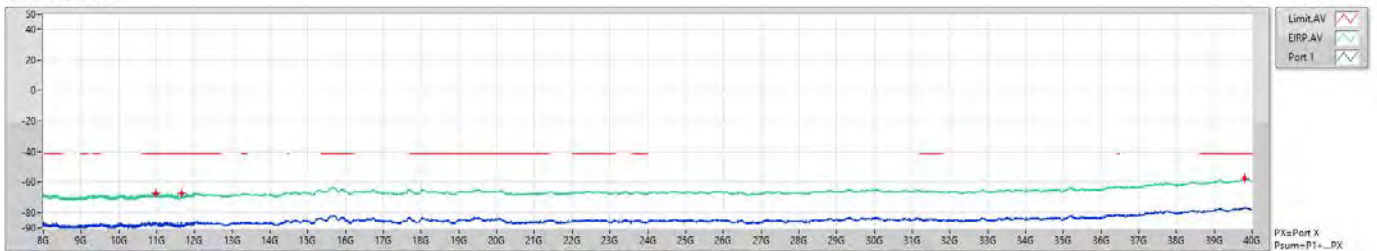
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.2975G	-57.14	-27.00	-30.14	18.54	0.00	-75.67	-75.67
3G	12G	1M	PK	11.6585G	-58.34	-21.20	-37.14	18.51	0.00	-76.87	-76.87
12G	40G	1M	PK	38.3655G	-51.04	-27.00	-24.04	18.53	0.00	-69.57	-69.57

802.11a_Nss1,(6Mbps)_1TX

5825MHz

CSE [AV]

06/05/2022



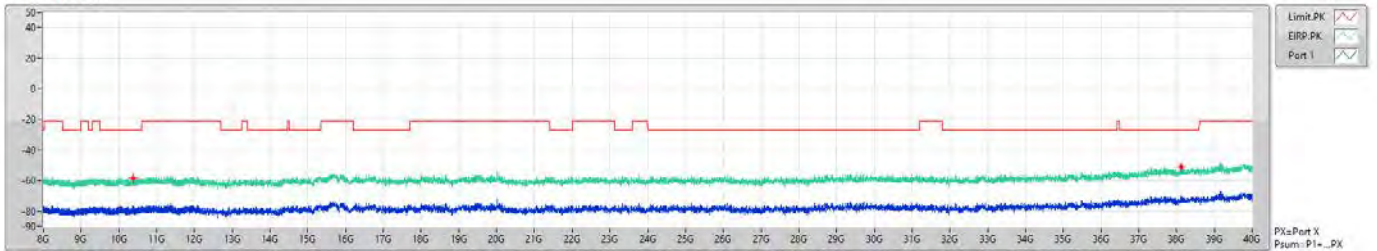
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8G	12G	1M	AV	10.976G	-67.61	-41.20	-26.41	18.54	0.00	-86.14	-86.14
3G	12G	1M	AV	11.6516G	-67.76	-41.20	-26.56	18.51	0.00	-86.29	-86.29
12G	40G	1M	AV	38.8875G	-57.69	-41.20	-16.49	18.53	0.00	-76.22	-76.22

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5180MHz

06/09/2022

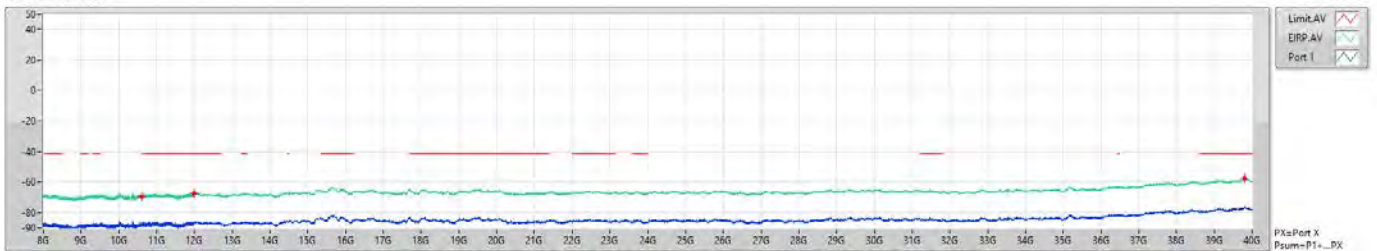


802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5180MHz

06/09/2022

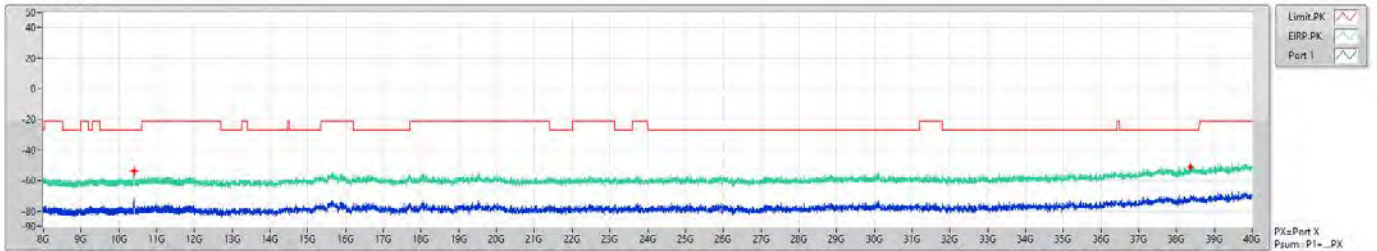


802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5200MHz

06/09/2022

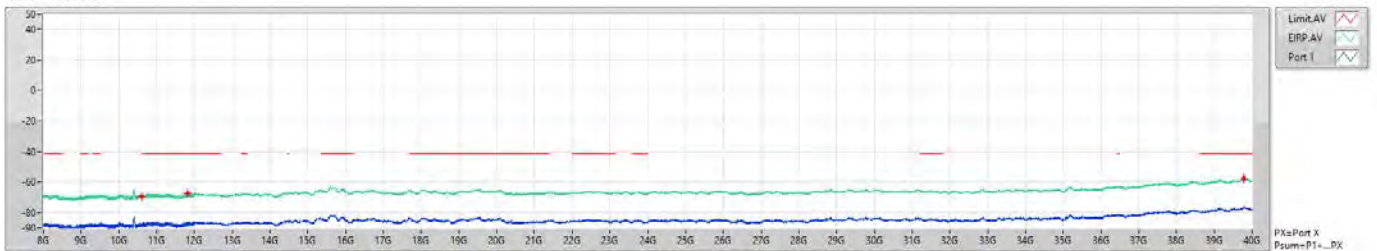


802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5200MHz

06/09/2022

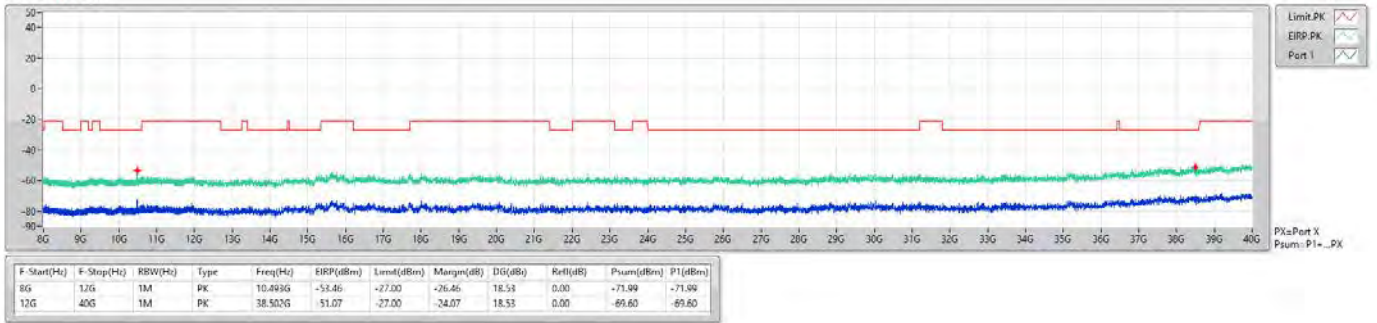


802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz

CSE [PK]

06/09/2022

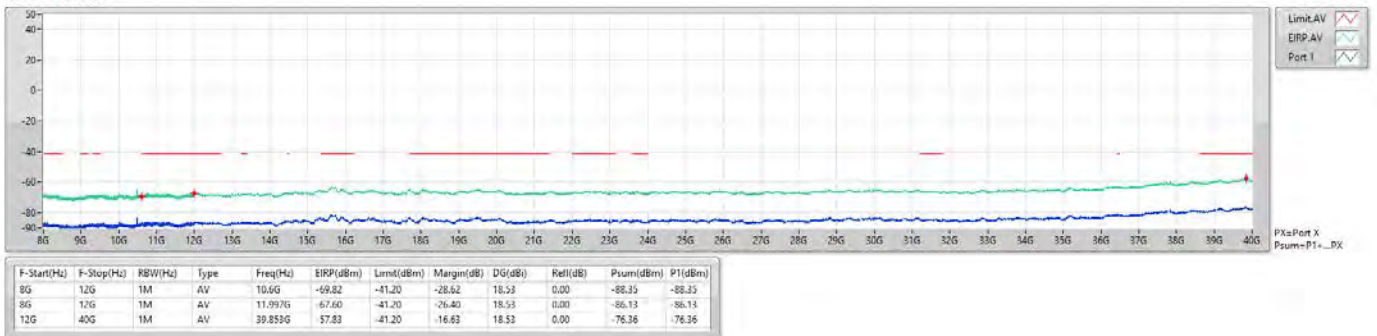


802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz

CSE [AV]

06/09/2022

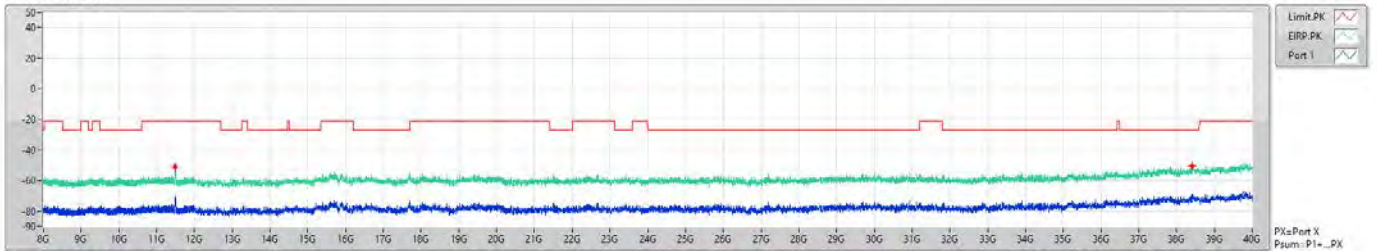


802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5745MHz

06/09/2022



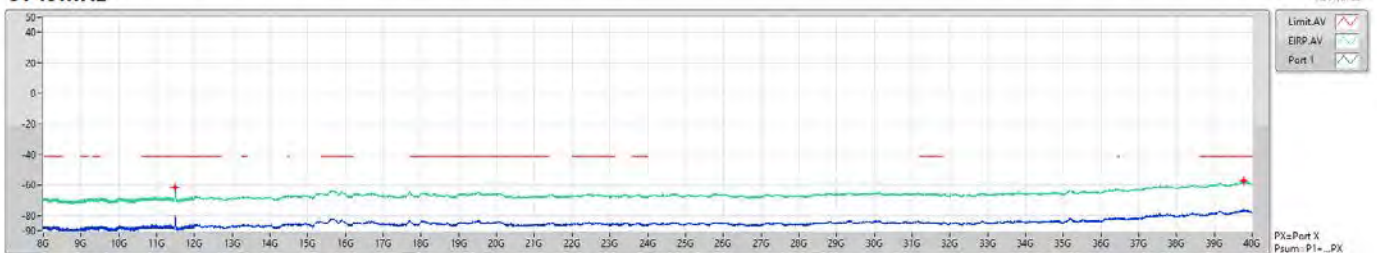
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	11.4015G	-51.39	-21.20	-30.19	18.53	0.00	-66.92	-66.92
12G	40G	1M	PK	38.4215G	-50.46	-27.00	-23.46	18.53	0.00	-68.99	-68.99

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5745MHz

06/09/2022



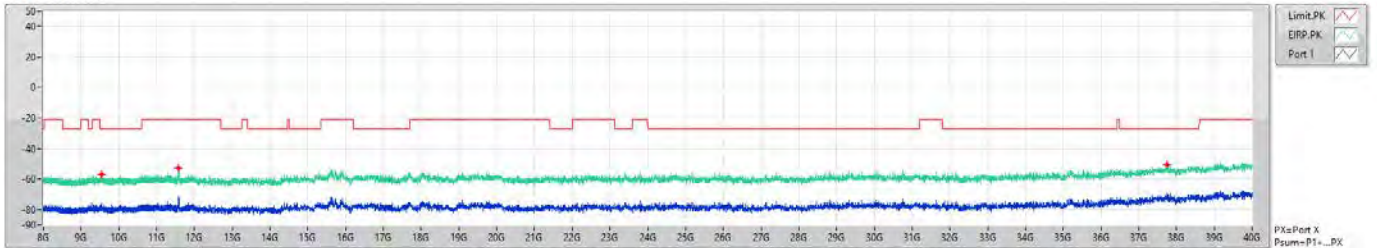
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.4885G	-61.65	-41.20	-20.45	18.53	0.00	-80.18	-80.18
12G	40G	1M	AV	39.783G	-57.44	-41.20	-16.24	18.53	0.00	-75.97	-75.97

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz

CSE [PK]

06/09/2022



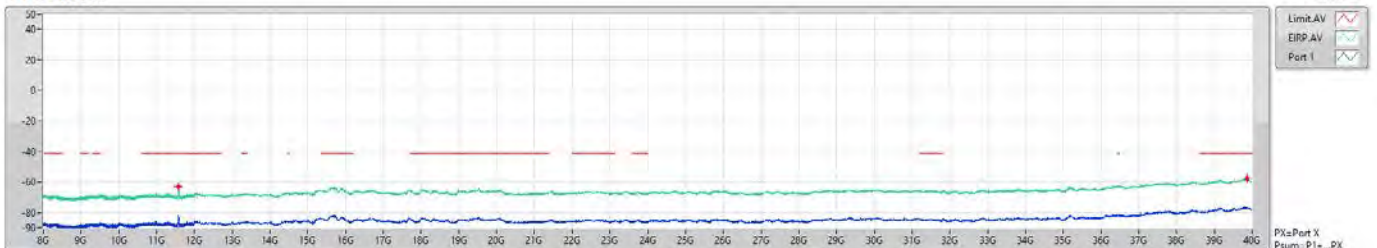
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.5375G	-57.05	-27.00	-30.05	18.58	0.00	-75.58	-75.58
3G	12G	1M	PK	11.5625G	-58.06	-21.20	-31.86	18.53	0.00	-71.61	-71.61
12G	40G	1M	PK	37.76G	-50.65	-27.00	-23.65	18.53	0.00	-69.18	-69.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz

CSE [AV]

06/09/2022



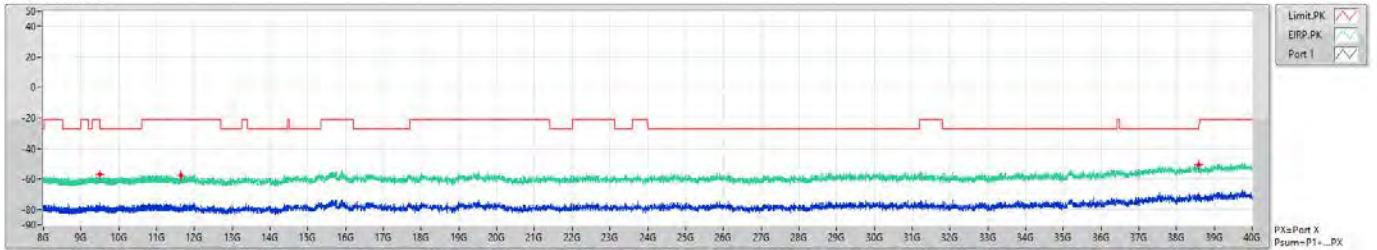
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.578G	-63.27	-41.20	-22.07	18.58	0.00	-81.80	-81.80
12G	40G	1M	AV	39.8635G	-57.59	-41.20	-16.39	18.53	0.00	-76.12	-76.12

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz

CSE [PK]

06/09/2022



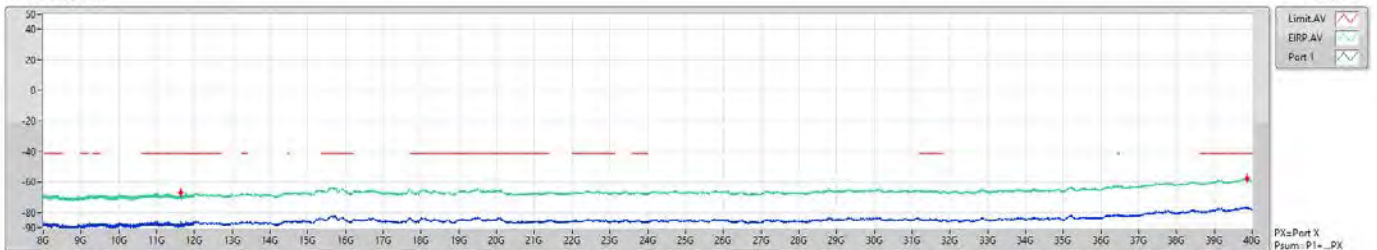
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.502G	-57.33	-27.00	-30.33	18.53	0.00	-73.86	-75.86
3G	12G	1M	PK	11.6345G	-57.87	-21.20	-36.67	18.53	0.00	-76.40	-76.40
12G	40G	1M	PK	38.5965G	-50.79	-27.00	-23.79	18.53	0.00	-69.32	-69.32

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz

CSE [AV]

06/09/2022



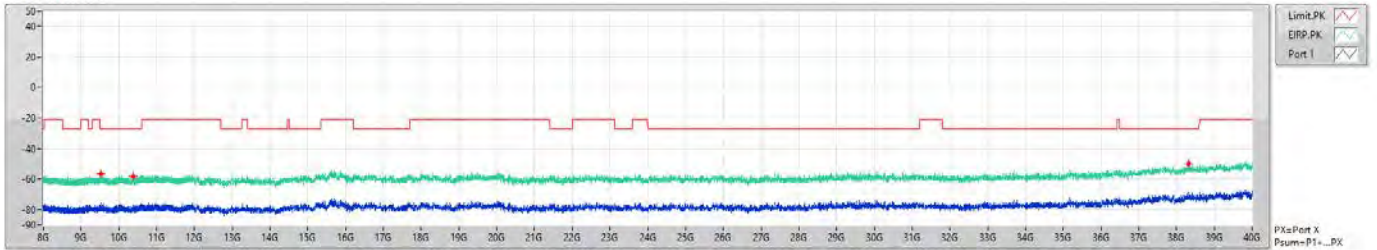
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.634G	-66.94	-41.20	-25.74	18.53	0.00	-85.47	-85.47
12G	40G	1M	AV	38.8705G	-57.96	-41.20	-16.76	18.53	0.00	-76.49	-76.49

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz

CSE [PK]

06/05/2022



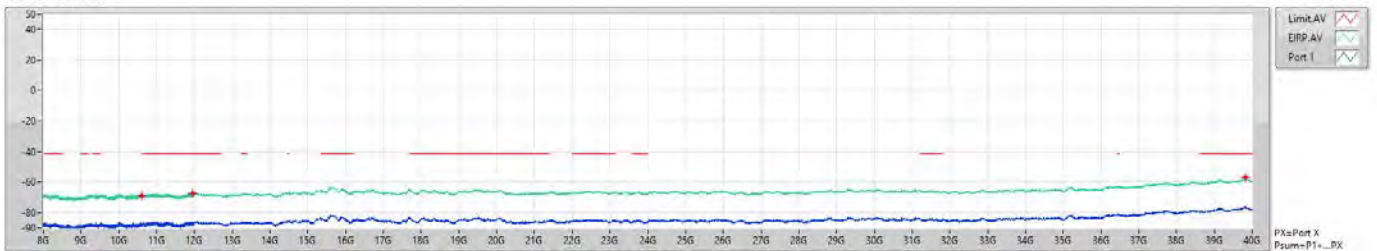
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.5185G	-56.78	-27.00	-29.78	18.58	0.00	-75.31	-75.31
3G	12G	1M	PK	10.381G	-58.42	-27.00	-31.42	18.51	0.00	-76.95	-76.95
12G	40G	1M	PK	38.3305G	-50.29	-27.00	-23.29	18.53	0.00	-68.82	-68.82

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz

CSE [AV]

06/05/2022



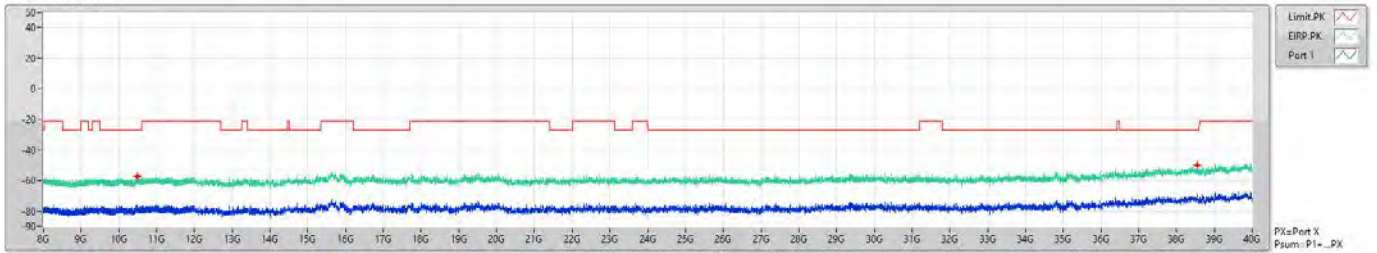
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	10.6G	-69.22	-41.20	-28.02	18.58	0.00	-87.75	-87.75
3G	12G	1M	AV	11.9575G	-67.72	-41.20	-26.52	18.51	0.00	-86.25	-86.25
12G	40G	1M	AV	38.8285G	-57.43	-41.20	-16.22	18.53	0.00	-75.95	-75.95

802.11ax HEW40_Nss1,(MCS0)_1TX

CSE [PK]

5230MHz

06/09/2022

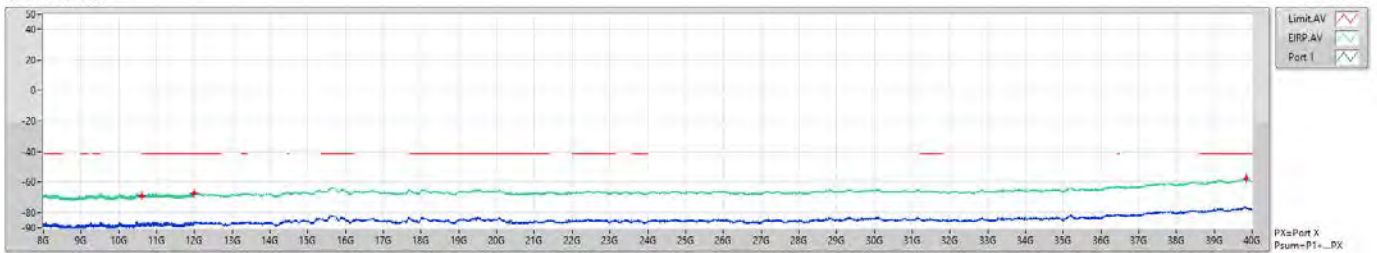


802.11ax HEW40_Nss1,(MCS0)_1TX

CSE [AV]

5230MHz

06/09/2022

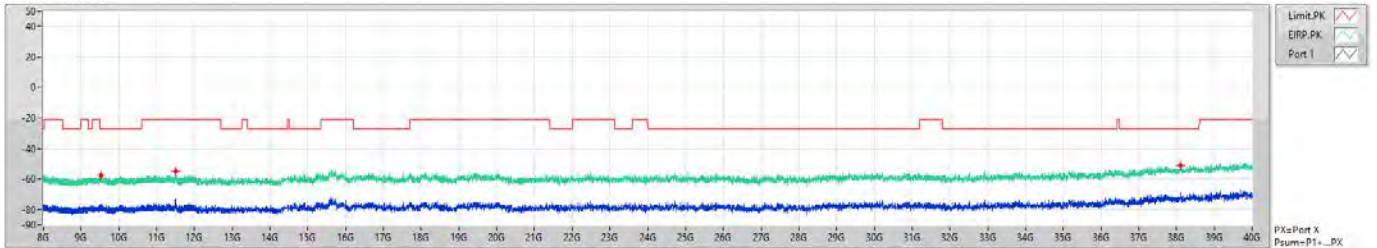


802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz

CSE [PK]

06/09/2022



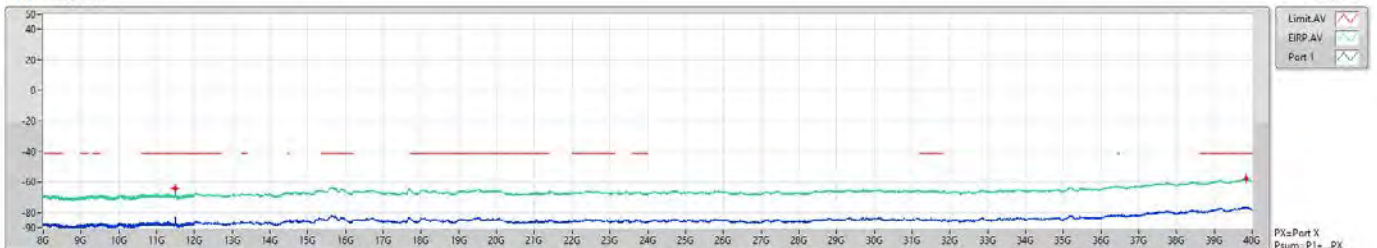
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.5285G	-57.56	-27.00	-30.56	18.54	0.00	-76.09	-76.09
3G	12G	1M	PK	11.5025G	-54.76	-21.20	-33.56	18.53	0.00	-73.29	-73.29
12G	40G	1M	PK	38.11G	-50.93	-27.00	-23.93	18.53	0.00	-69.46	-69.46

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz

CSE [AV]

06/09/2022



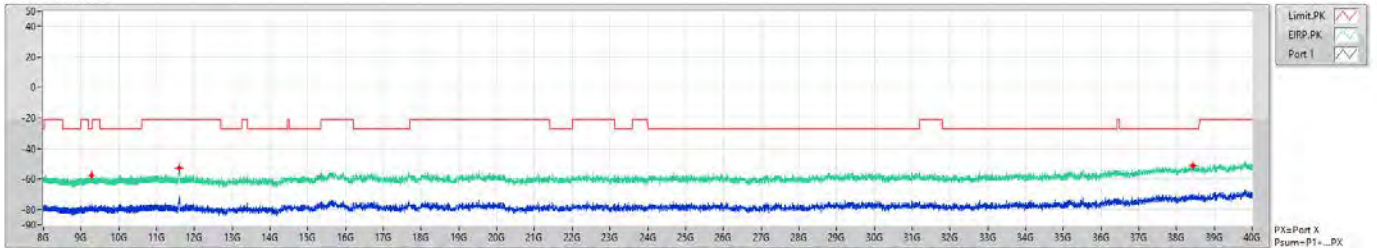
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.4905G	-64.54	-41.20	-23.34	18.54	0.00	-83.07	-83.07
12G	40G	1M	AV	39.899G	-57.68	-41.20	-16.48	18.53	0.00	-76.21	-76.21

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz

CSE [PK]

06/09/2022



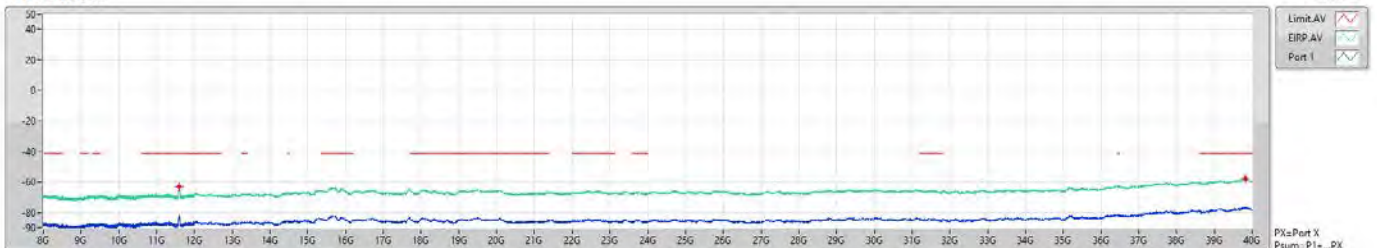
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	9.289G	-57.92	-27.00	-30.92	18.53	0.00	-76.45	-76.45
3G	12G	1M	PK	11.5965G	-52.54	-21.20	-31.34	18.53	0.00	-71.37	-71.37
12G	40G	1M	PK	38.425G	-51.20	-27.00	-24.20	18.53	0.00	-69.82	-69.82

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz

CSE [AV]

06/09/2022



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)
8G	12G	1M	AV	11.5965G	-63.43	-41.20	-22.23	18.53	0.00	-81.86	-81.86
12G	40G	1M	AV	38.8145G	-57.53	-41.20	-16.33	18.53	0.00	-76.06	-76.06