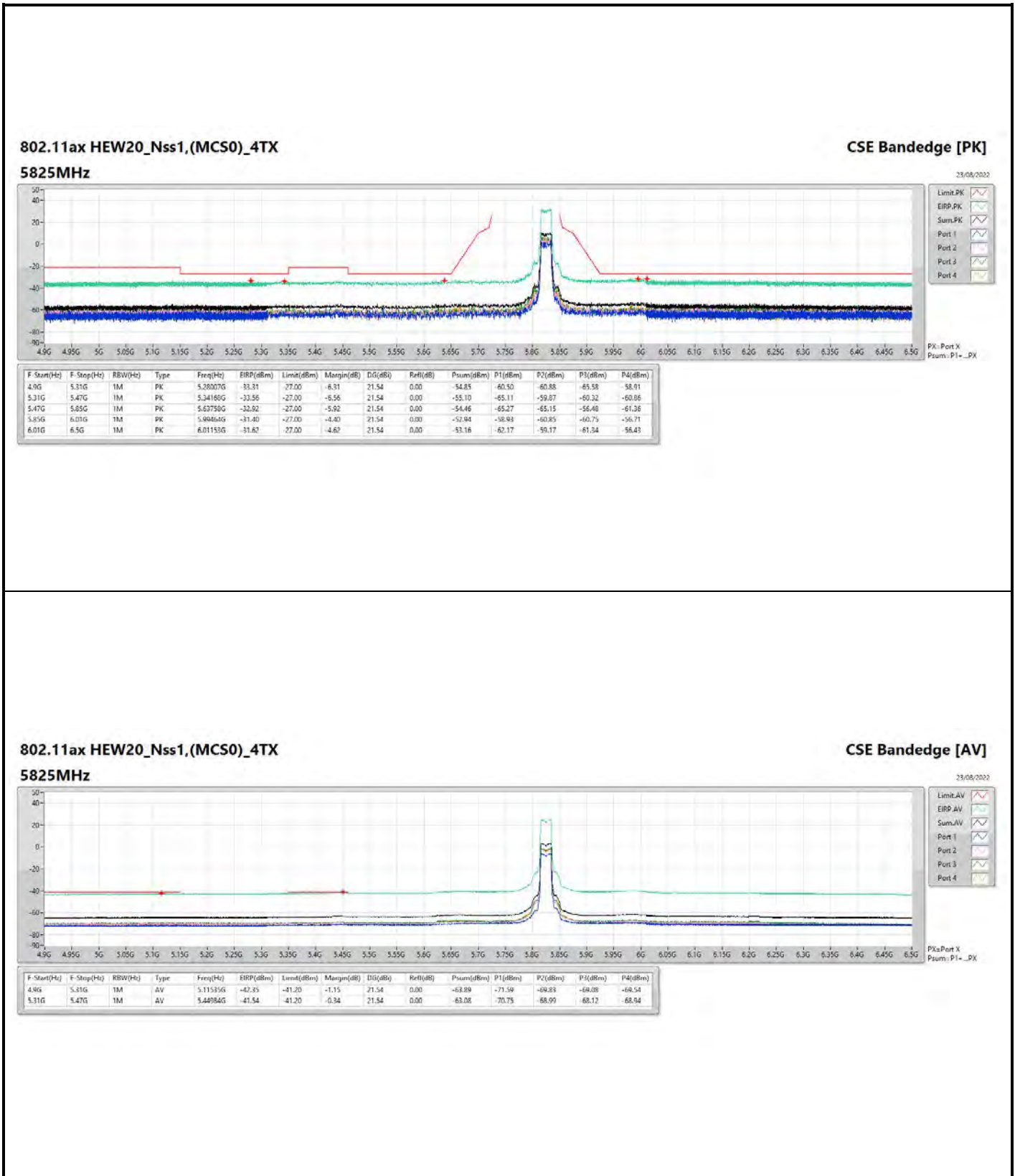
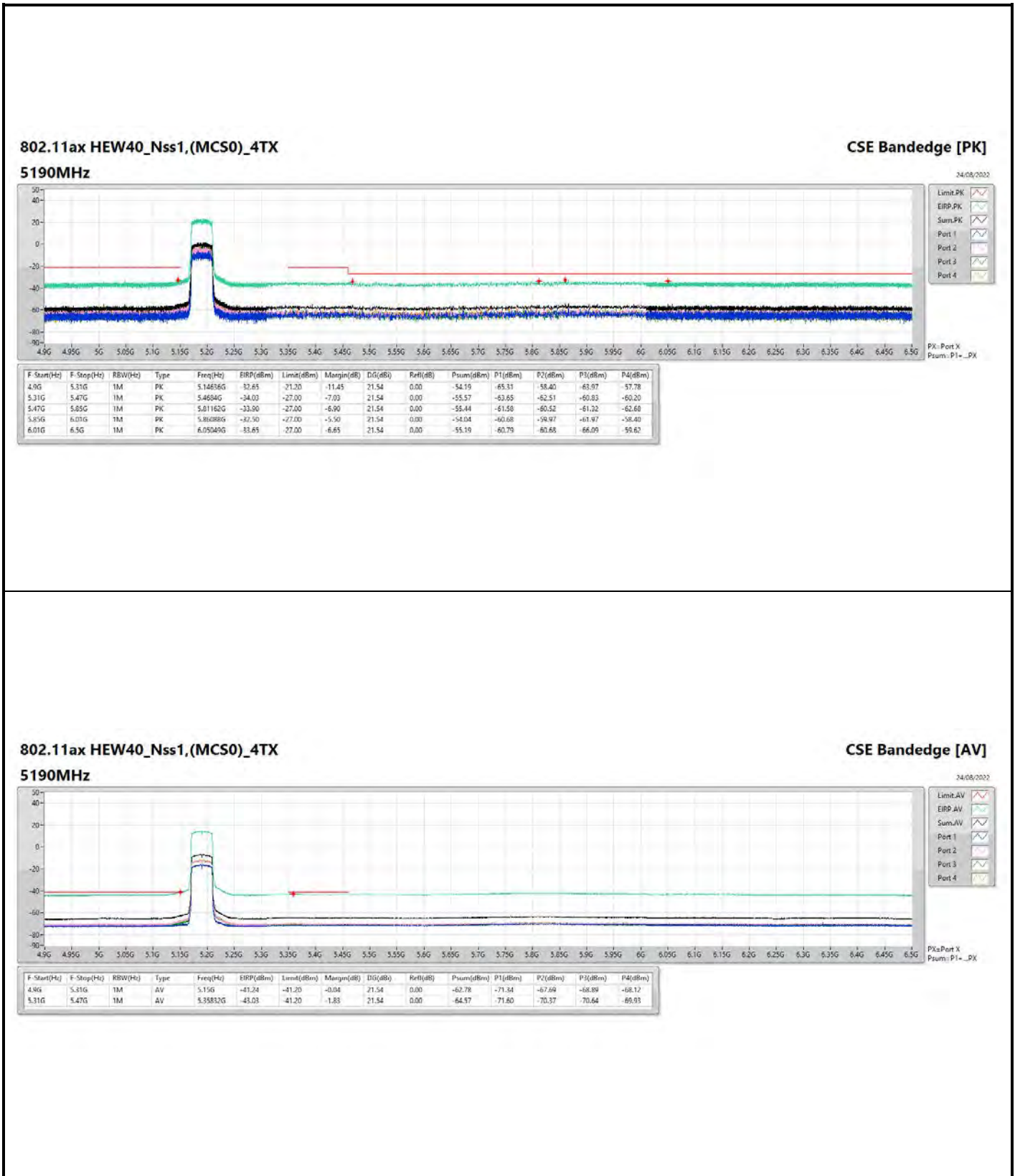


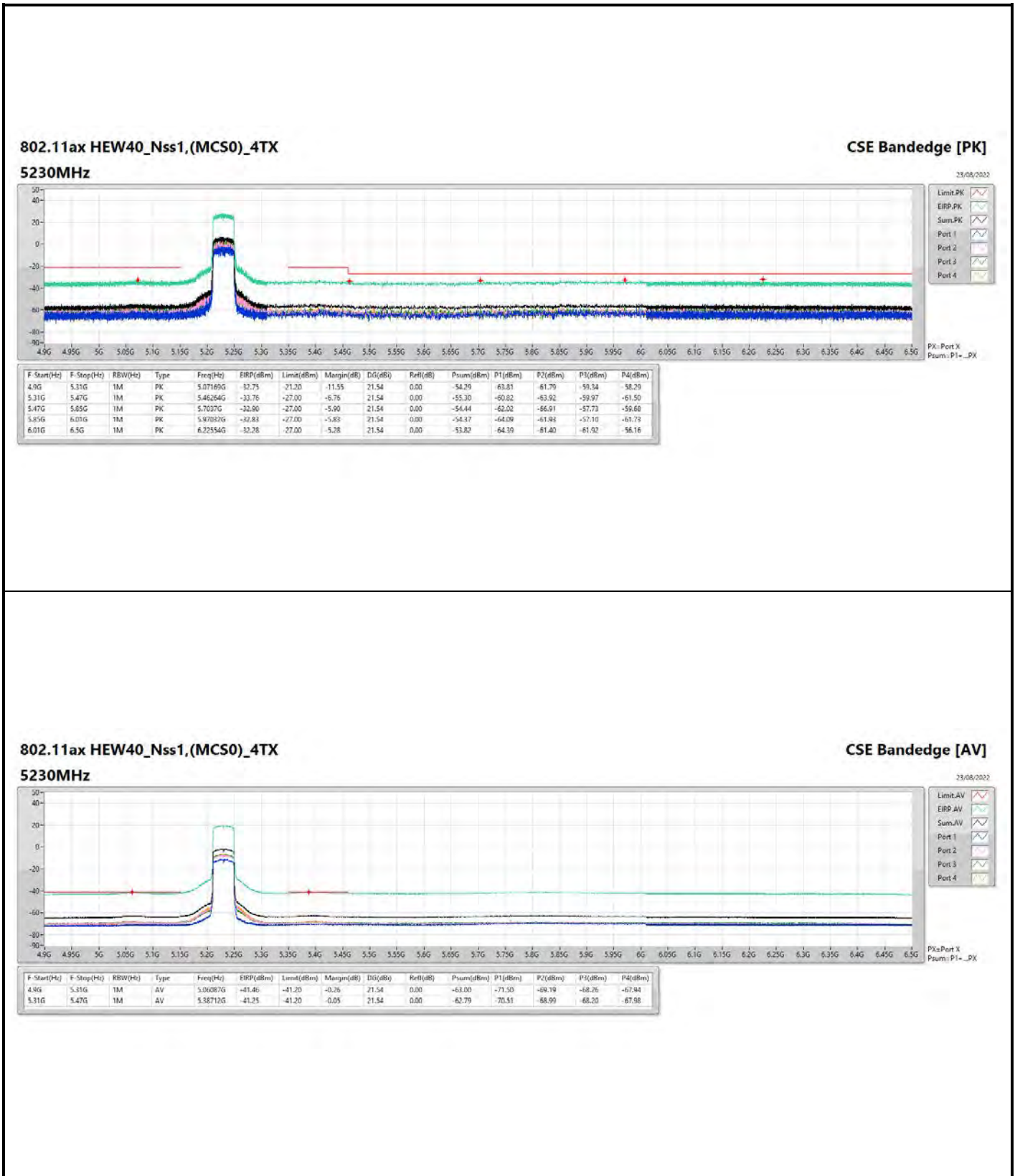
802.11ax HEW20_Nss1,(MCS0)_4TX
5785MHz

CSE Bandedge [AV]

23/08/2022





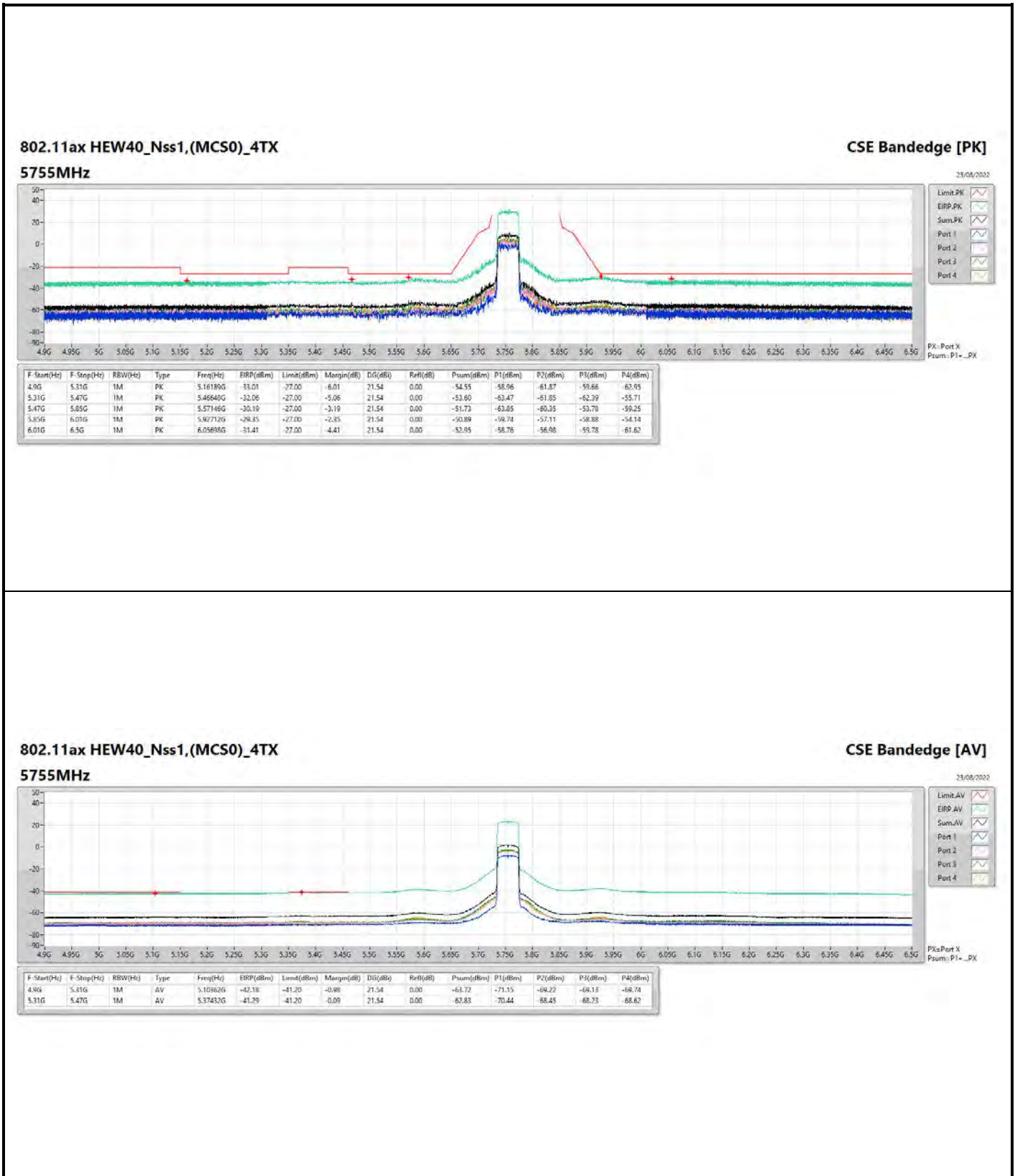


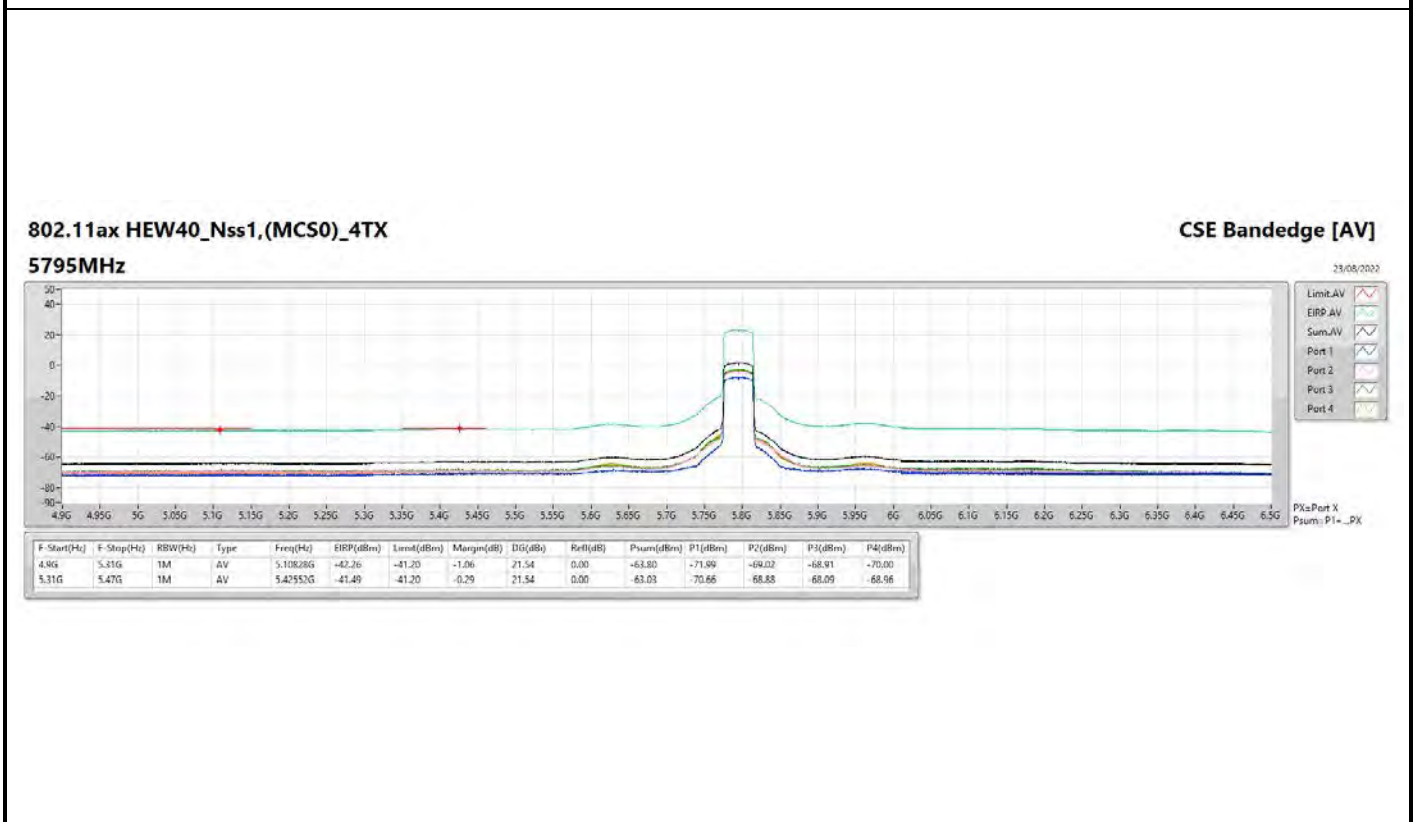
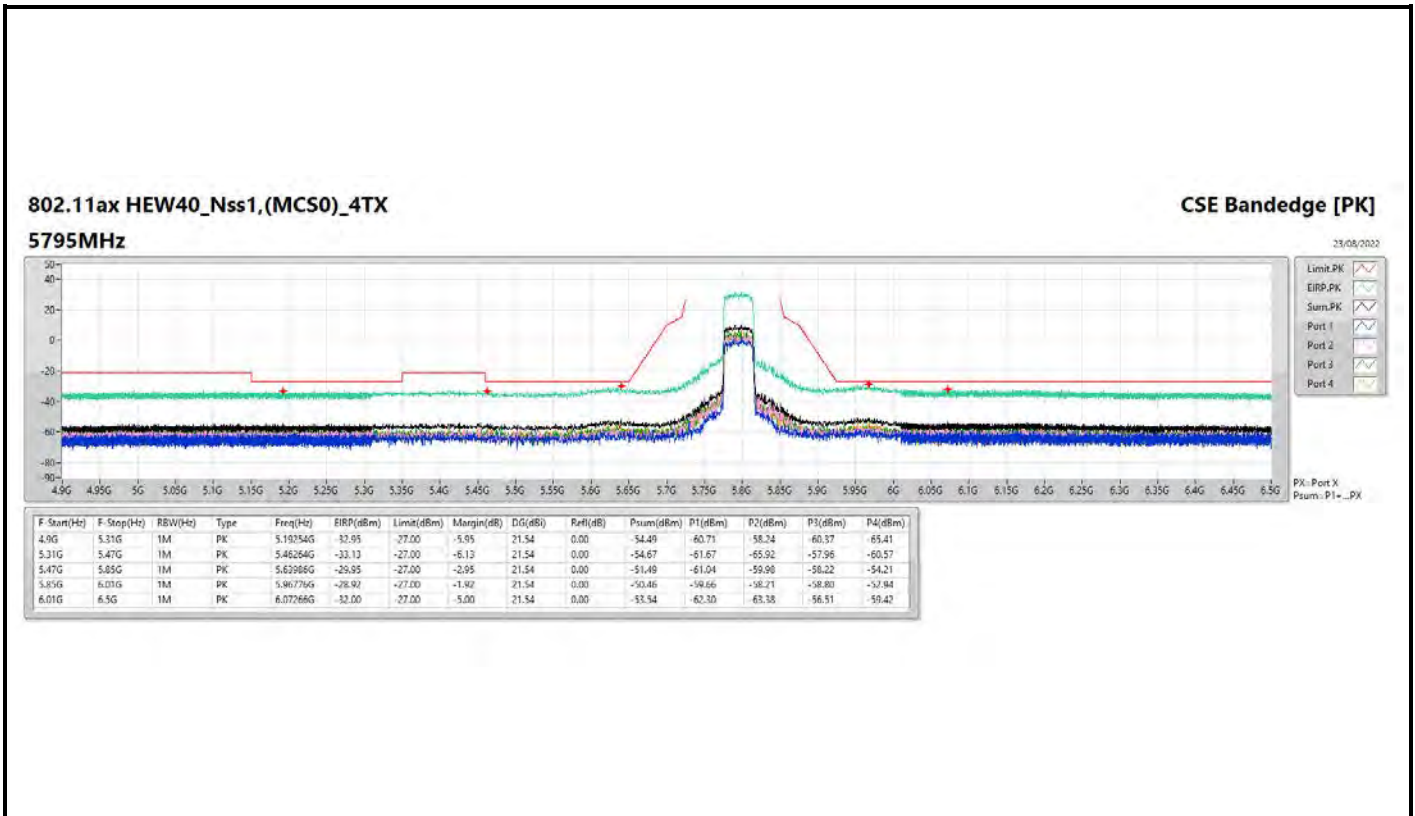
802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz

CSE Bandedge [AV]

23/08/2022



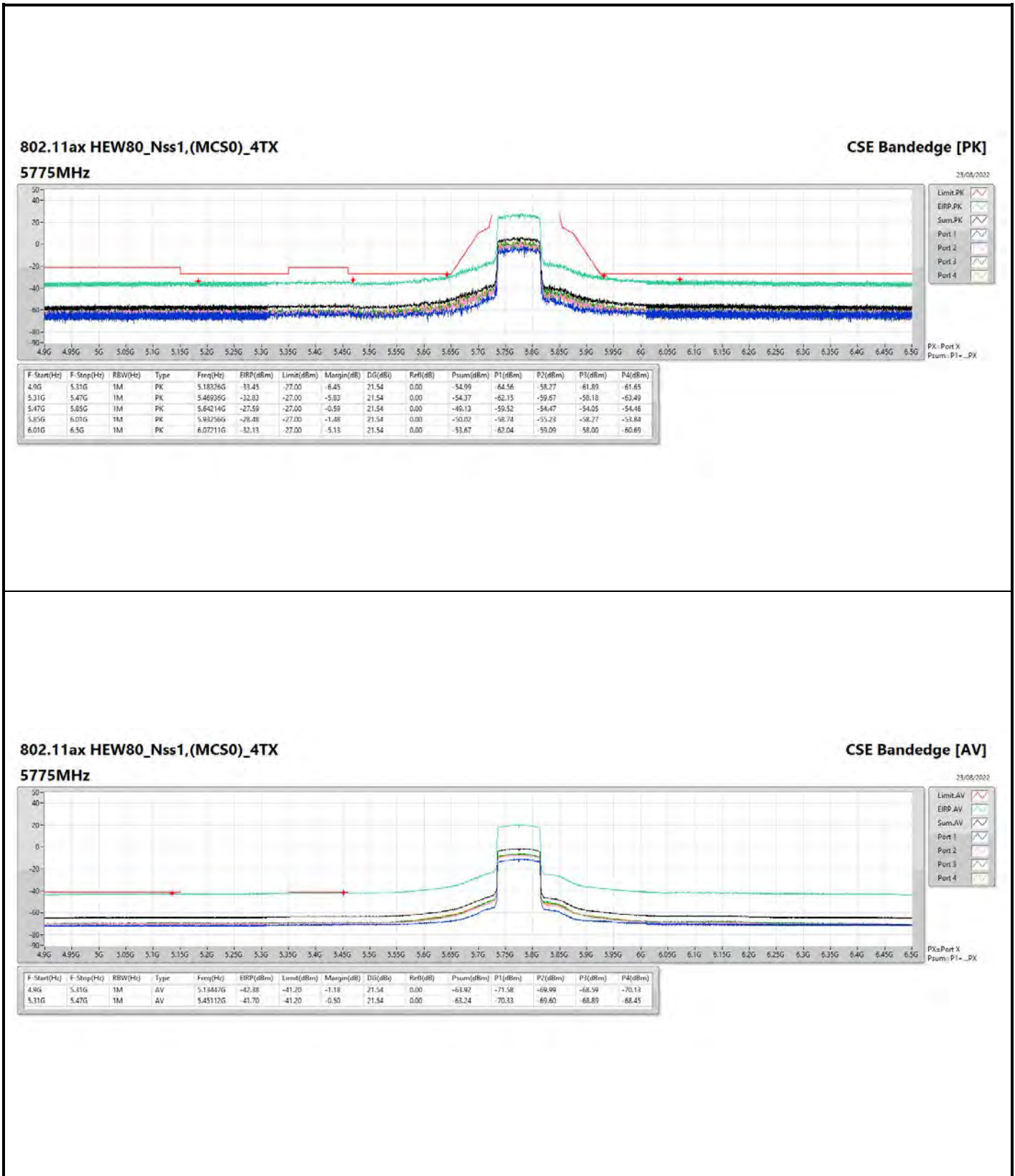




802.11ax HEW80_Nss1,(MCS0)_4TX
5210MHz

CSE Bandedge [AV]

24/08/2022





CSE_Scanning R3_Antenna set 3 (Harmonic 1GHz ~ 8GHz)
_P to M

Appendix E.20

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.35G	5.39G	AV	5.35104G	-62.44	-41.20	-21.24	-65.44
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.11G	5.15G	AV	5.13032G	-61.97	-41.20	-20.77	-64.97
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.07G	5.15G	AV	5.1308G	-54.51	-41.20	-13.31	-57.51
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.99G	5.15G	AV	5.12632G	-48.03	-41.20	-6.83	-51.03
5.725-5.85GHz	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	5.685G	AV	1.92002G	-63.25	-41.20	-22.05	-66.25
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	1G	5.685G	AV	1.92002G	-63.49	-41.20	-22.29	-66.49
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.645G	5.725G	PK	5.64644G	-45.48	-27.00	-18.48	-48.48
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.565G	5.725G	PK	5.64372G	-31.09	-27.00	-4.09	-34.09

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



CSE_Scanning R3_Antenna set 3 (Harmonic 1GHz ~ 8GHz)
_P to M

Appendix E.20

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	1.92013G	3.00	-65.91	-65.91	-62.91	-41.20	-21.71
5180MHz	Pass	5.11G	5.15G	AV	5.1148G	3.00	-66.69	-66.69	-63.69	-41.20	-22.49
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-66.67	-66.67	-63.67	-41.20	-22.47
5180MHz	Pass	5.35G	5.39G	AV	5.35048G	3.00	-65.76	-65.76	-62.76	-41.20	-21.56
5180MHz	Pass	5.39G	8G	AV	5.44285G	3.00	-68.08	-68.08	-65.08	-41.20	-23.88
5180MHz	Pass	1G	5.11G	PK	4.45959G	3.00	-60.77	-60.77	-57.77	-27.00	-30.77
5180MHz	Pass	5.11G	5.15G	PK	5.13664G	3.00	-54.54	-54.54	-51.54	-21.20	-30.34
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-57.35	-57.35	-54.35	-21.20	-33.15
5180MHz	Pass	5.35G	5.39G	PK	5.35088G	3.00	-55.67	-55.67	-52.67	-21.20	-31.47
5180MHz	Pass	5.39G	8G	PK	5.76029G	3.00	-56.03	-56.03	-53.03	-27.00	-26.03
5200MHz	Pass	1G	5.11G	AV	5.06736G	3.00	-67.03	-67.03	-64.03	-41.20	-22.83
5200MHz	Pass	5.11G	5.15G	AV	5.1112G	3.00	-67.36	-67.36	-64.36	-41.20	-23.16
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-66.53	-66.53	-63.53	-41.20	-22.33
5200MHz	Pass	5.35G	5.39G	AV	5.35104G	3.00	-65.44	-65.44	-62.44	-41.20	-21.24
5200MHz	Pass	5.39G	8G	AV	5.39098G	3.00	-67.58	-67.58	-64.58	-41.20	-23.38
5200MHz	Pass	1G	5.11G	PK	5.03756G	3.00	-55.66	-55.66	-52.66	-21.20	-31.46
5200MHz	Pass	5.11G	5.15G	PK	5.11816G	3.00	-57.09	-57.09	-54.09	-21.20	-32.89
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-56.70	-56.70	-53.70	-21.20	-32.50
5200MHz	Pass	5.35G	5.39G	PK	5.35056G	3.00	-54.28	-54.28	-51.28	-21.20	-30.08
5200MHz	Pass	5.39G	8G	PK	5.73746G	3.00	-56.87	-56.87	-53.87	-27.00	-26.87
5240MHz	Pass	1G	5.11G	AV	1.91961G	3.00	-66.69	-66.69	-63.69	-41.20	-22.49
5240MHz	Pass	5.11G	5.15G	AV	5.11072G	3.00	-67.08	-67.08	-64.08	-41.20	-22.88
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-68.01	-68.01	-65.01	-41.20	-23.81
5240MHz	Pass	5.35G	5.39G	AV	5.37416G	3.00	-65.69	-65.69	-62.69	-41.20	-21.49
5240MHz	Pass	5.39G	8G	AV	5.39979G	3.00	-66.59	-66.59	-63.59	-41.20	-22.39
5240MHz	Pass	1G	5.11G	PK	3.20245G	3.00	-61.57	-61.57	-58.57	-27.00	-31.57
5240MHz	Pass	5.11G	5.15G	PK	5.11G	3.00	-56.00	-56.00	-53.00	-21.20	-31.80
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-58.00	-58.00	-55.00	-21.20	-33.80
5240MHz	Pass	5.35G	5.39G	PK	5.36752G	3.00	-55.37	-55.37	-52.37	-21.20	-31.17
5240MHz	Pass	5.39G	8G	PK	5.77367G	3.00	-56.82	-56.82	-53.82	-27.00	-26.82
5745MHz	Pass	1G	5.685G	AV	5.36759G	3.00	-67.48	-67.48	-64.48	-41.20	-23.28
5745MHz	Pass	5.89G	8G	AV	7.67559G	3.00	-72.20	-72.20	-69.20	-41.20	-28.00
5745MHz	Pass	1G	5.685G	PK	5.62117G	3.00	-56.02	-56.02	-53.02	-27.00	-26.02
5745MHz	Pass	5.685G	5.725G	PK	5.68612G	3.00	-55.81	-55.81	-52.81	-0.27	-52.54
5745MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-59.66	-59.66	-56.66	27.00	-83.66
5745MHz	Pass	5.85G	5.89G	PK	5.89G	3.00	-56.27	-56.27	-53.27	-1.10	-52.17
5745MHz	Pass	5.89G	8G	PK	5.93589G	3.00	-57.08	-57.08	-54.08	-27.00	-27.08
5785MHz	Pass	1G	5.685G	AV	1.91943G	3.00	-66.97	-66.97	-63.97	-41.20	-22.77
5785MHz	Pass	5.89G	8G	AV	7.28524G	3.00	-72.32	-72.32	-69.32	-41.20	-28.12
5785MHz	Pass	1G	5.685G	PK	5.63112G	3.00	-56.38	-56.38	-53.38	-27.00	-26.38
5785MHz	Pass	5.685G	5.725G	PK	5.68516G	3.00	-56.67	-56.67	-53.67	-0.98	-52.69
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-59.70	-59.70	-56.70	27.00	-83.70
5785MHz	Pass	5.85G	5.89G	PK	5.88912G	3.00	-55.38	-55.38	-52.38	-0.45	-51.93
5785MHz	Pass	5.89G	8G	PK	5.9293G	3.00	-56.22	-56.22	-53.22	-27.00	-26.22
5825MHz	Pass	1G	5.685G	AV	1.92002G	3.00	-66.25	-66.25	-63.25	-41.20	-22.05
5825MHz	Pass	5.89G	8G	AV	7.38784G	3.00	-72.20	-72.20	-69.20	-41.20	-28.00
5825MHz	Pass	1G	5.685G	PK	5.62292G	3.00	-56.90	-56.90	-53.90	-27.00	-26.90
5825MHz	Pass	5.685G	5.725G	PK	5.68532G	3.00	-54.53	-54.53	-51.53	-0.86	-50.67
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-60.02	-60.02	-57.02	27.00	-84.02
5825MHz	Pass	5.85G	5.89G	PK	5.89G	3.00	-56.37	-56.37	-53.37	-1.10	-52.27
5825MHz	Pass	5.89G	8G	PK	5.95831G	3.00	-54.17	-54.17	-51.17	-27.00	-24.17
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	1.91961G	3.00	-66.32	-66.32	-63.32	-41.20	-22.12
5180MHz	Pass	5.11G	5.15G	AV	5.13032G	3.00	-64.97	-64.97	-61.97	-41.20	-20.77
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-67.12	-67.12	-64.12	-41.20	-22.92
5180MHz	Pass	5.35G	5.39G	AV	5.3544G	3.00	-65.93	-65.93	-62.93	-41.20	-21.73
5180MHz	Pass	5.39G	8G	AV	5.42589G	3.00	-67.73	-67.73	-64.73	-41.20	-23.53
5180MHz	Pass	1G	5.11G	PK	5.0689G	3.00	-55.50	-55.50	-52.50	-21.20	-31.30
5180MHz	Pass	5.11G	5.15G	PK	5.13G	3.00	-52.02	-52.02	-49.02	-21.20	-27.82
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-56.72	-56.72	-53.72	-21.20	-32.52
5180MHz	Pass	5.35G	5.39G	PK	5.37064G	3.00	-55.36	-55.36	-52.36	-21.20	-31.16
5180MHz	Pass	5.39G	8G	PK	5.72539G	3.00	-55.75	-55.75	-52.75	-27.00	-25.75
5200MHz	Pass	1G	5.11G	AV	1.92013G	3.00	-66.78	-66.78	-63.78	-41.20	-22.58
5200MHz	Pass	5.11G	5.15G	AV	5.11248G	3.00	-67.28	-67.28	-64.28	-41.20	-23.08
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-66.68	-66.68	-63.68	-41.20	-22.48
5200MHz	Pass	5.35G	5.39G	AV	5.35528G	3.00	-65.74	-65.74	-62.74	-41.20	-21.54
5200MHz	Pass	5.39G	8G	AV	5.39979G	3.00	-67.78	-67.78	-64.78	-41.20	-23.58
5200MHz	Pass	1G	5.11G	PK	4.44778G	3.00	-61.72	-61.72	-58.72	-27.00	-31.72



CSE_Scanning R3_Antenna set 3 (Harmonic 1GHz ~ 8GHz)
_P to M

Appendix E.20

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5200MHz	Pass	5.11G	5.15G	PK	5.12536G	3.00	-56.87	-56.87	-53.87	-21.20	-32.67
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-57.30	-57.30	-54.30	-21.20	-33.10
5200MHz	Pass	5.35G	5.39G	PK	5.35264G	3.00	-54.59	-54.59	-51.59	-21.20	-30.39
5200MHz	Pass	5.39G	8G	PK	5.728G	3.00	-57.03	-57.03	-54.03	-27.00	-27.03
5240MHz	Pass	1G	5.11G	AV	5.0951G	3.00	-66.77	-66.77	-63.77	-41.20	-22.57
5240MHz	Pass	5.11G	5.15G	AV	5.11512G	3.00	-67.35	-67.35	-64.35	-41.20	-23.15
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-67.57	-67.57	-64.57	-41.20	-23.37
5240MHz	Pass	5.35G	5.39G	AV	5.36416G	3.00	-66.11	-66.11	-63.11	-41.20	-21.91
5240MHz	Pass	5.39G	8G	AV	5.40011G	3.00	-66.75	-66.75	-63.75	-41.20	-22.55
5240MHz	Pass	1G	5.11G	PK	3.31753G	3.00	-61.10	-61.10	-58.10	-27.00	-31.10
5240MHz	Pass	5.11G	5.15G	PK	5.11208G	3.00	-56.63	-56.63	-53.63	-21.20	-32.43
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-57.11	-57.11	-54.11	-21.20	-32.91
5240MHz	Pass	5.35G	5.39G	PK	5.35272G	3.00	-55.10	-55.10	-52.10	-21.20	-30.90
5240MHz	Pass	5.39G	8G	PK	5.7629G	3.00	-56.51	-56.51	-53.51	-27.00	-26.51
5745MHz	Pass	1G	5.685G	AV	5.4121G	3.00	-67.64	-67.64	-64.64	-41.20	-23.44
5745MHz	Pass	5.89G	8G	AV	7.27311G	3.00	-72.45	-72.45	-69.45	-41.20	-28.25
5745MHz	Pass	1G	5.685G	PK	5.6077G	3.00	-55.34	-55.34	-52.34	-27.00	-25.34
5745MHz	Pass	5.685G	5.725G	PK	5.68684G	3.00	-50.57	-50.57	-47.57	0.26	-47.83
5745MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-59.66	-59.66	-56.66	27.00	-83.66
5745MHz	Pass	5.85G	5.89G	PK	5.88904G	3.00	-55.46	-55.46	-52.46	-0.39	-52.07
5745MHz	Pass	5.89G	8G	PK	5.92455G	3.00	-56.68	-56.68	-53.68	-26.67	-27.01
5785MHz	Pass	1G	5.685G	AV	1.92002G	3.00	-66.49	-66.49	-63.49	-41.20	-22.29
5785MHz	Pass	5.89G	8G	AV	7.29394G	3.00	-72.23	-72.23	-69.23	-41.20	-28.03
5785MHz	Pass	1G	5.685G	PK	5.60536G	3.00	-55.70	-55.70	-52.70	-27.00	-25.70
5785MHz	Pass	5.685G	5.725G	PK	5.68556G	3.00	-56.18	-56.18	-53.18	-0.69	-52.49
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-60.49	-60.49	-57.49	27.00	-84.49
5785MHz	Pass	5.85G	5.89G	PK	5.8884G	3.00	-55.60	-55.60	-52.60	0.08	-52.68
5785MHz	Pass	5.89G	8G	PK	5.94275G	3.00	-55.58	-55.58	-52.58	-27.00	-25.58
5825MHz	Pass	1G	5.685G	AV	1.92002G	3.00	-66.77	-66.77	-63.77	-41.20	-22.57
5825MHz	Pass	5.89G	8G	AV	7.32295G	3.00	-72.18	-72.18	-69.18	-41.20	-27.98
5825MHz	Pass	1G	5.685G	PK	5.62292G	3.00	-56.88	-56.88	-53.88	-27.00	-26.88
5825MHz	Pass	5.685G	5.725G	PK	5.68532G	3.00	-56.03	-56.03	-53.03	-0.86	-52.17
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-60.08	-60.08	-57.08	27.00	-84.08
5825MHz	Pass	5.85G	5.89G	PK	5.88488G	3.00	-51.28	-51.28	-48.28	2.69	-50.97
5825MHz	Pass	5.89G	8G	PK	5.96491G	3.00	-55.10	-55.10	-52.10	-27.00	-25.10
802.11ax HEW40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	5.07G	AV	5.03541G	3.00	-65.38	-65.38	-62.38	-41.20	-21.18
5190MHz	Pass	5.07G	5.15G	AV	5.1308G	3.00	-57.51	-57.51	-54.51	-41.20	-13.31
5190MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-65.52	-65.52	-62.52	-41.20	-21.32
5190MHz	Pass	5.35G	5.43G	AV	5.35128G	3.00	-64.53	-64.53	-61.53	-41.20	-20.33
5190MHz	Pass	5.43G	8G	AV	5.4345G	3.00	-67.80	-67.80	-64.80	-41.20	-23.60
5190MHz	Pass	1G	5.07G	PK	1.27981G	3.00	-61.44	-61.44	-58.44	-27.00	-31.44
5190MHz	Pass	5.07G	5.15G	PK	5.13048G	3.00	-41.85	-41.85	-38.85	-21.20	-17.65
5190MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-56.27	-56.27	-53.27	-21.20	-32.07
5190MHz	Pass	5.35G	5.43G	PK	5.354G	3.00	-53.99	-53.99	-50.99	-21.20	-29.79
5190MHz	Pass	5.43G	8G	PK	5.69021G	3.00	-56.37	-56.37	-53.37	-27.00	-26.37
5230MHz	Pass	1G	5.07G	AV	5.06237G	3.00	-66.52	-66.52	-63.52	-41.20	-22.32
5230MHz	Pass	5.07G	5.15G	AV	5.08344G	3.00	-65.62	-65.62	-62.62	-41.20	-21.42
5230MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-66.85	-66.85	-63.85	-41.20	-22.65
5230MHz	Pass	5.35G	5.43G	AV	5.39G	3.00	-65.48	-65.48	-62.48	-41.20	-21.28
5230MHz	Pass	5.43G	8G	AV	5.43129G	3.00	-67.28	-67.28	-64.28	-41.20	-23.08
5230MHz	Pass	1G	5.07G	PK	1.27981G	3.00	-61.90	-61.90	-58.90	-27.00	-31.90
5230MHz	Pass	5.07G	5.15G	PK	5.07928G	3.00	-54.77	-54.77	-51.77	-21.20	-30.57
5230MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-57.25	-57.25	-54.25	-21.20	-33.05
5230MHz	Pass	5.35G	5.43G	PK	5.38808G	3.00	-53.74	-53.74	-50.74	-21.20	-29.54
5230MHz	Pass	5.43G	8G	PK	5.78305G	3.00	-56.69	-56.69	-53.69	-27.00	-26.69
5755MHz	Pass	1G	5.645G	AV	5.35004G	3.00	-67.22	-67.22	-64.22	-41.20	-23.02
5755MHz	Pass	5.93G	8G	AV	7.65897G	3.00	-71.79	-71.79	-68.79	-41.20	-27.59
5755MHz	Pass	1G	5.645G	PK	5.64326G	3.00	-53.53	-53.53	-50.53	-27.00	-23.53
5755MHz	Pass	5.645G	5.725G	PK	5.64644G	3.00	-48.48	-48.48	-45.48	-27.00	-18.48
5755MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-60.33	-60.33	-57.33	27.00	-84.33
5755MHz	Pass	5.85G	5.93G	PK	5.92648G	3.00	-53.97	-53.97	-50.97	-27.00	-23.97
5755MHz	Pass	5.93G	8G	PK	5.93647G	3.00	-55.25	-55.25	-52.25	-27.00	-25.25
5795MHz	Pass	1G	5.645G	AV	5.42378G	3.00	-67.41	-67.41	-64.41	-41.20	-23.21
5795MHz	Pass	5.93G	8G	AV	7.39116G	3.00	-72.30	-72.30	-69.30	-41.20	-28.10
5795MHz	Pass	1G	5.645G	PK	5.62932G	3.00	-54.48	-54.48	-51.48	-27.00	-24.48
5795MHz	Pass	5.645G	5.725G	PK	5.64836G	3.00	-53.94	-53.94	-50.94	-27.00	-23.94
5795MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-59.99	-59.99	-56.99	27.00	-83.99
5795MHz	Pass	5.85G	5.93G	PK	5.92808G	3.00	-52.19	-52.19	-49.19	-27.00	-22.19
5795MHz	Pass	5.93G	8G	PK	5.9683G	3.00	-53.66	-53.66	-50.66	-27.00	-23.66

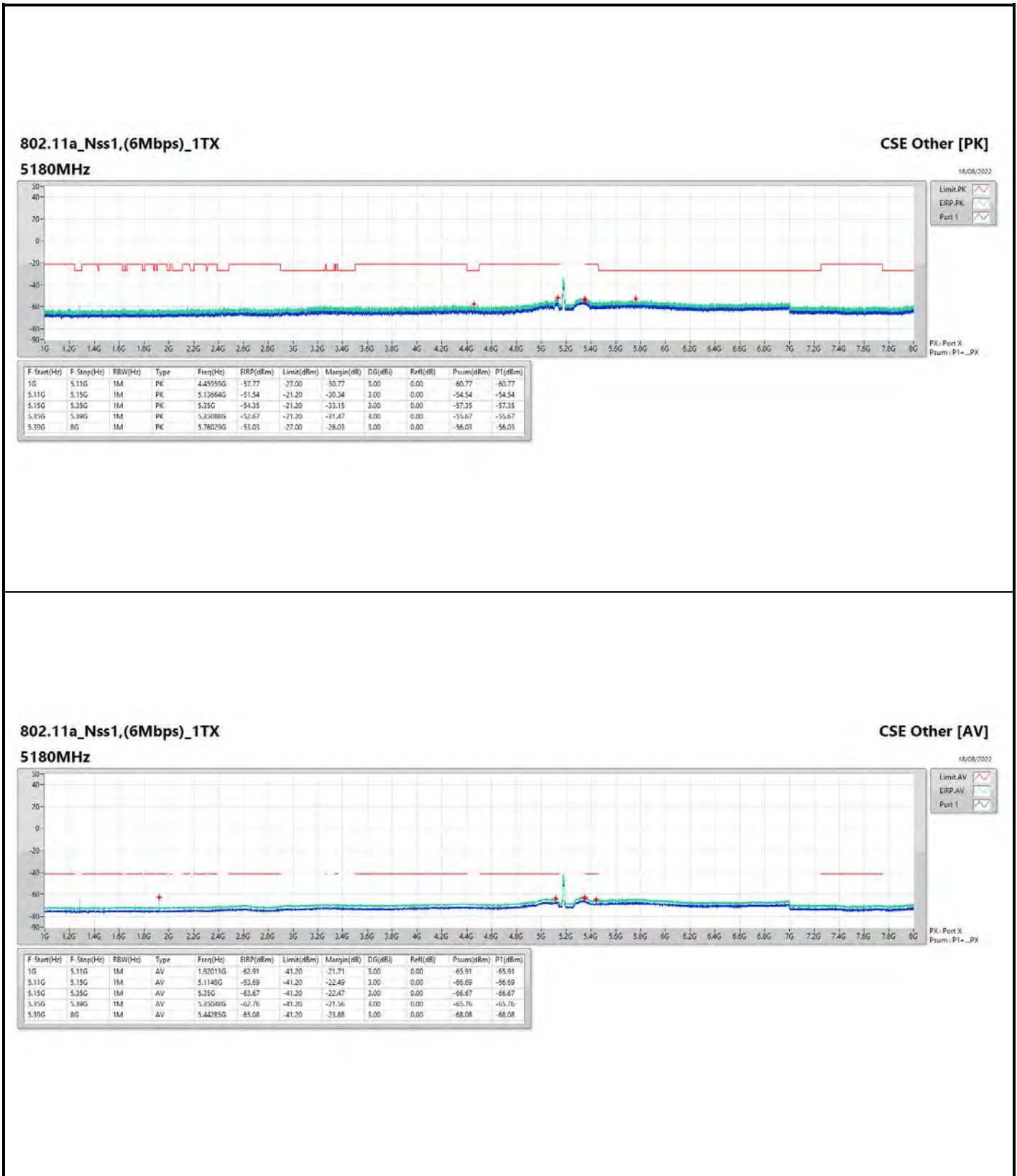


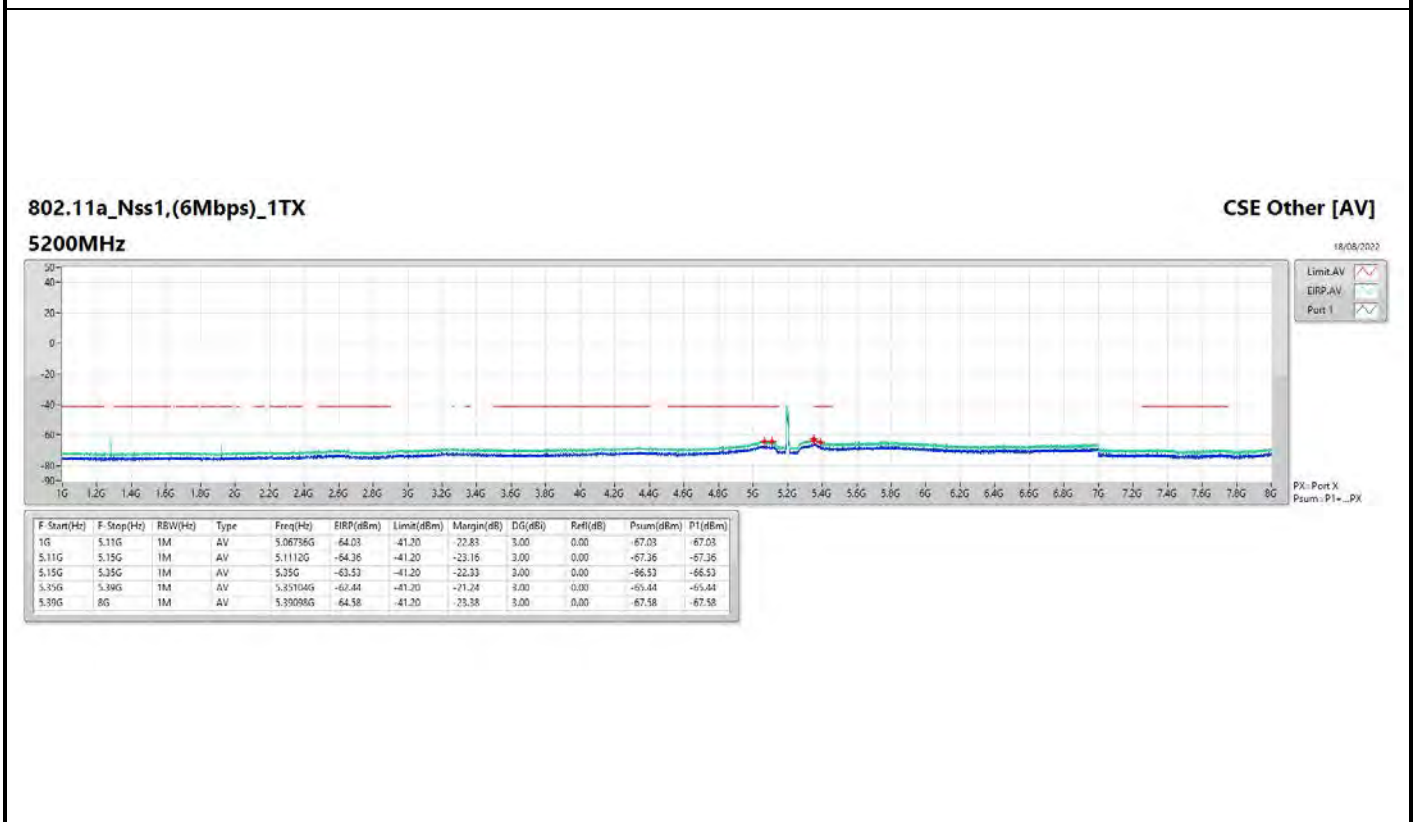
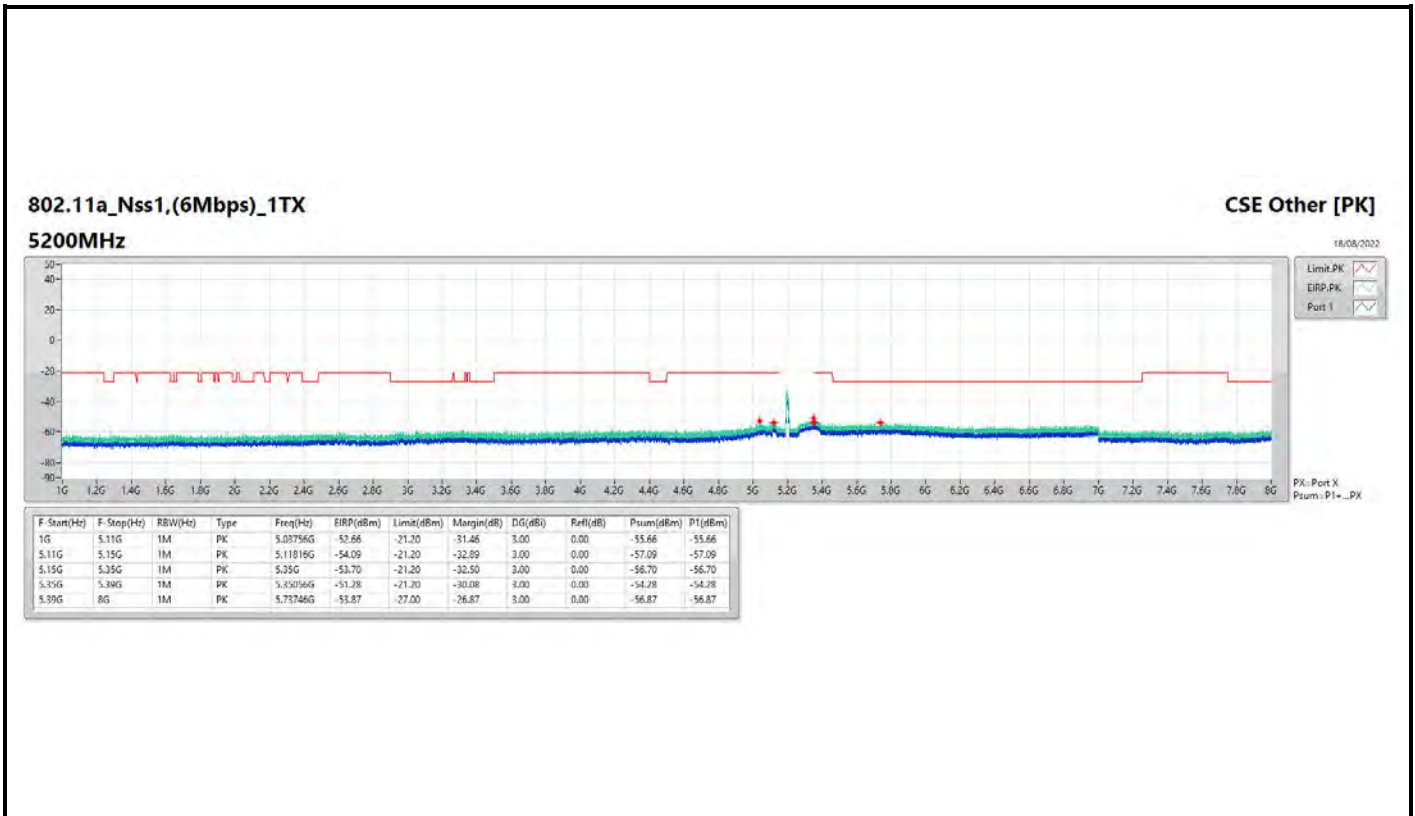
CSE_Scanning R3_Antenna set 3 (Harmonic 1GHz ~ 8GHz)
_P to M

Appendix E.20

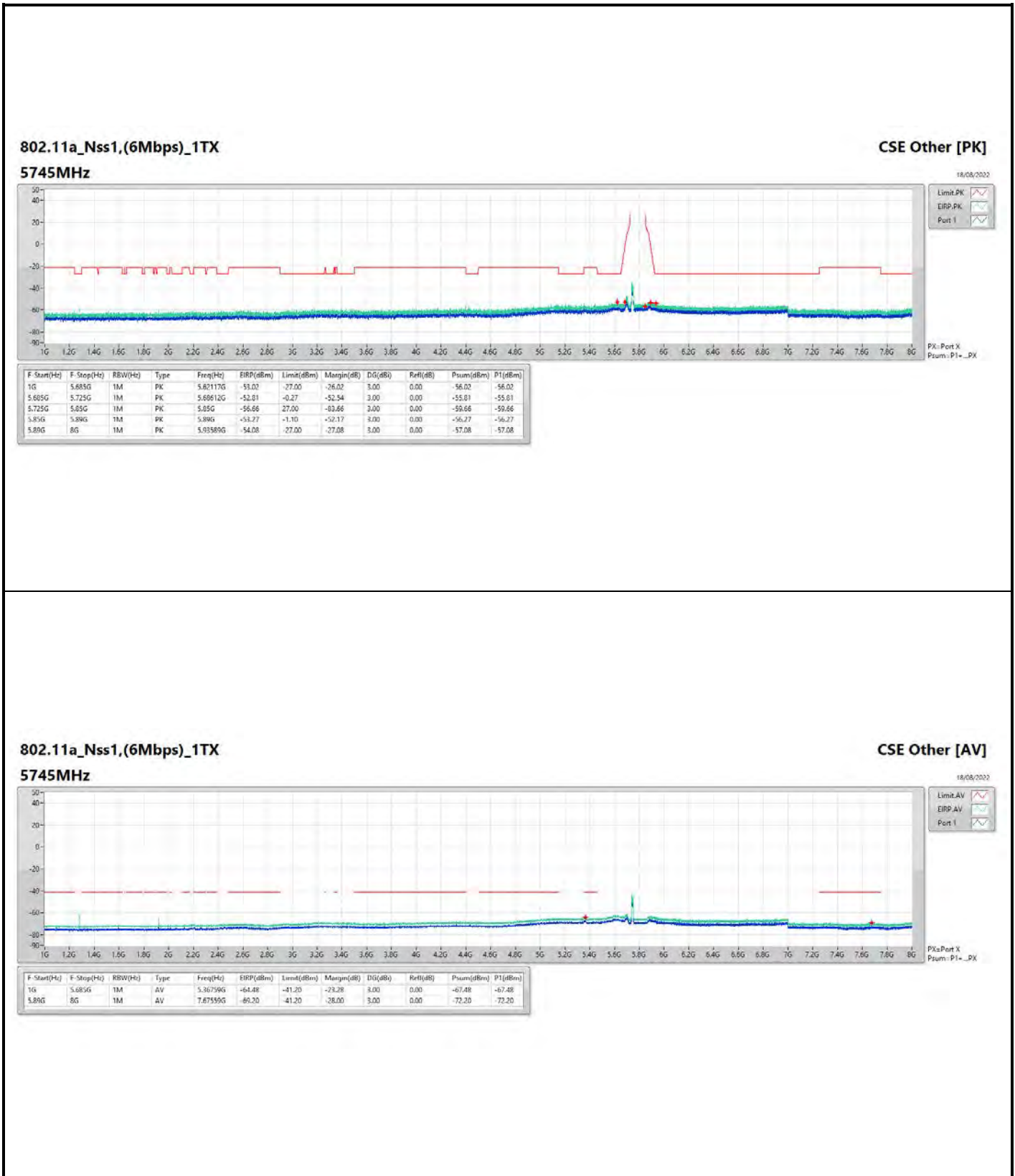
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW80_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.9197G	3.00	-66.87	-66.87	-63.87	-41.20	-22.67
5210MHz	Pass	4.99G	5.15G	AV	5.12632G	3.00	-51.03	-51.03	-48.03	-41.20	-6.83
5210MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.91	-58.91	-55.91	-41.20	-14.71
5210MHz	Pass	5.35G	5.51G	AV	5.35G	3.00	-58.20	-58.20	-55.20	-41.20	-14.00
5210MHz	Pass	5.51G	8G	AV	7.37439G	3.00	-72.21	-72.21	-69.21	-41.20	-28.01
5210MHz	Pass	1G	4.99G	PK	4.41594G	3.00	-61.20	-61.20	-58.20	-27.00	-31.20
5210MHz	Pass	4.99G	5.15G	PK	5.12792G	3.00	-37.07	-37.07	-34.07	-21.20	-12.87
5210MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-47.94	-47.94	-44.94	-21.20	-23.74
5210MHz	Pass	5.35G	5.51G	PK	5.35256G	3.00	-44.90	-44.90	-41.90	-21.20	-20.70
5210MHz	Pass	5.51G	8G	PK	5.75962G	3.00	-55.52	-55.52	-52.52	-27.00	-25.52
5775MHz	Pass	1G	5.565G	AV	5.37213G	3.00	-67.23	-67.23	-64.23	-41.20	-23.03
5775MHz	Pass	6.01G	8G	AV	7.25773G	3.00	-71.74	-71.74	-68.74	-41.20	-27.54
5775MHz	Pass	1G	5.565G	PK	5.56044G	3.00	-52.94	-52.94	-49.94	-27.00	-22.94
5775MHz	Pass	5.565G	5.725G	PK	5.64372G	3.00	-34.09	-34.09	-31.09	-27.00	-4.09
5775MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-59.43	-59.43	-56.43	27.00	-83.43
5775MHz	Pass	5.85G	6.01G	PK	5.92616G	3.00	-40.82	-40.82	-37.82	-27.00	-10.82
5775MHz	Pass	6.01G	8G	PK	6.011G	3.00	-55.63	-55.63	-52.63	-27.00	-25.63

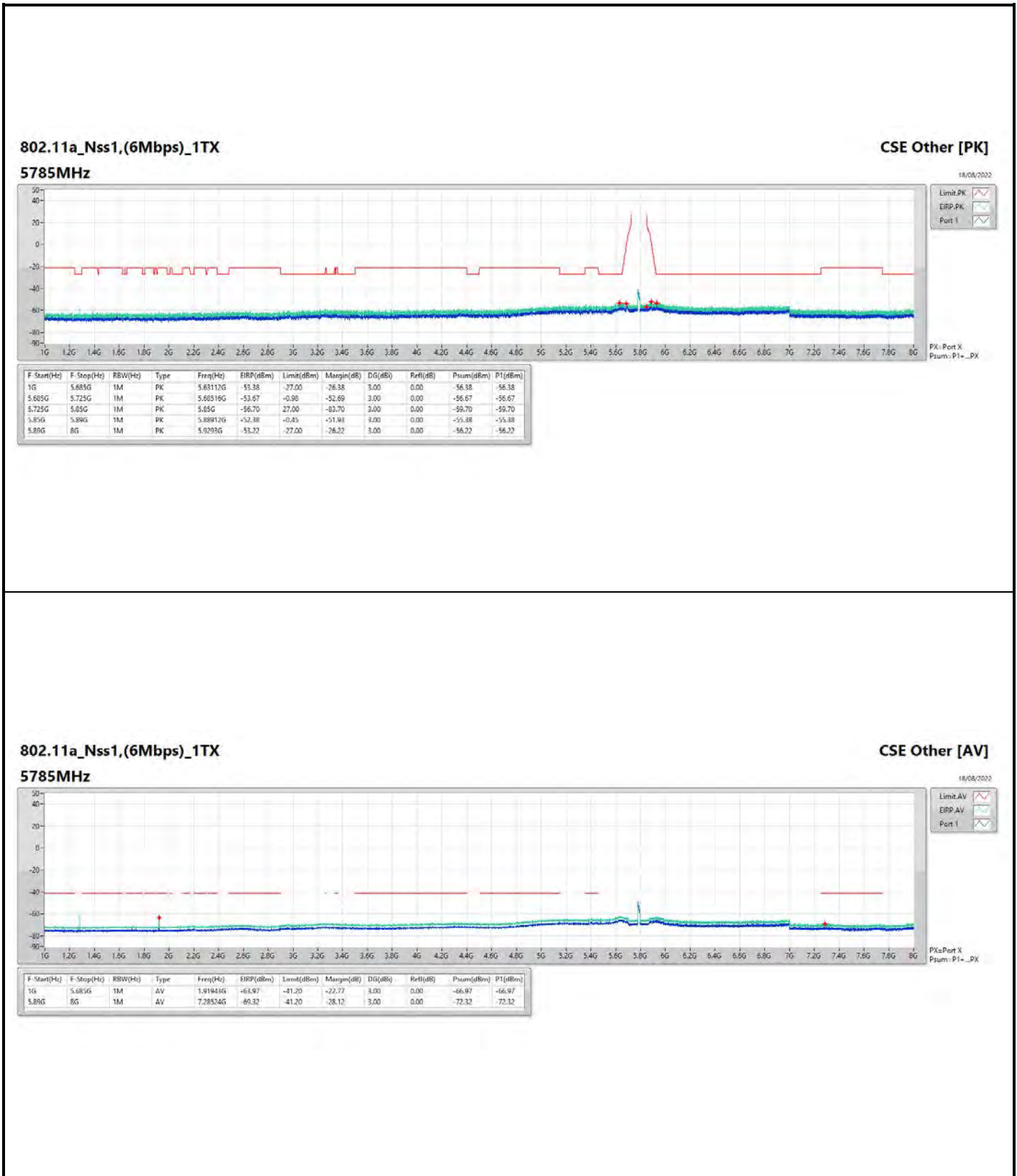
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



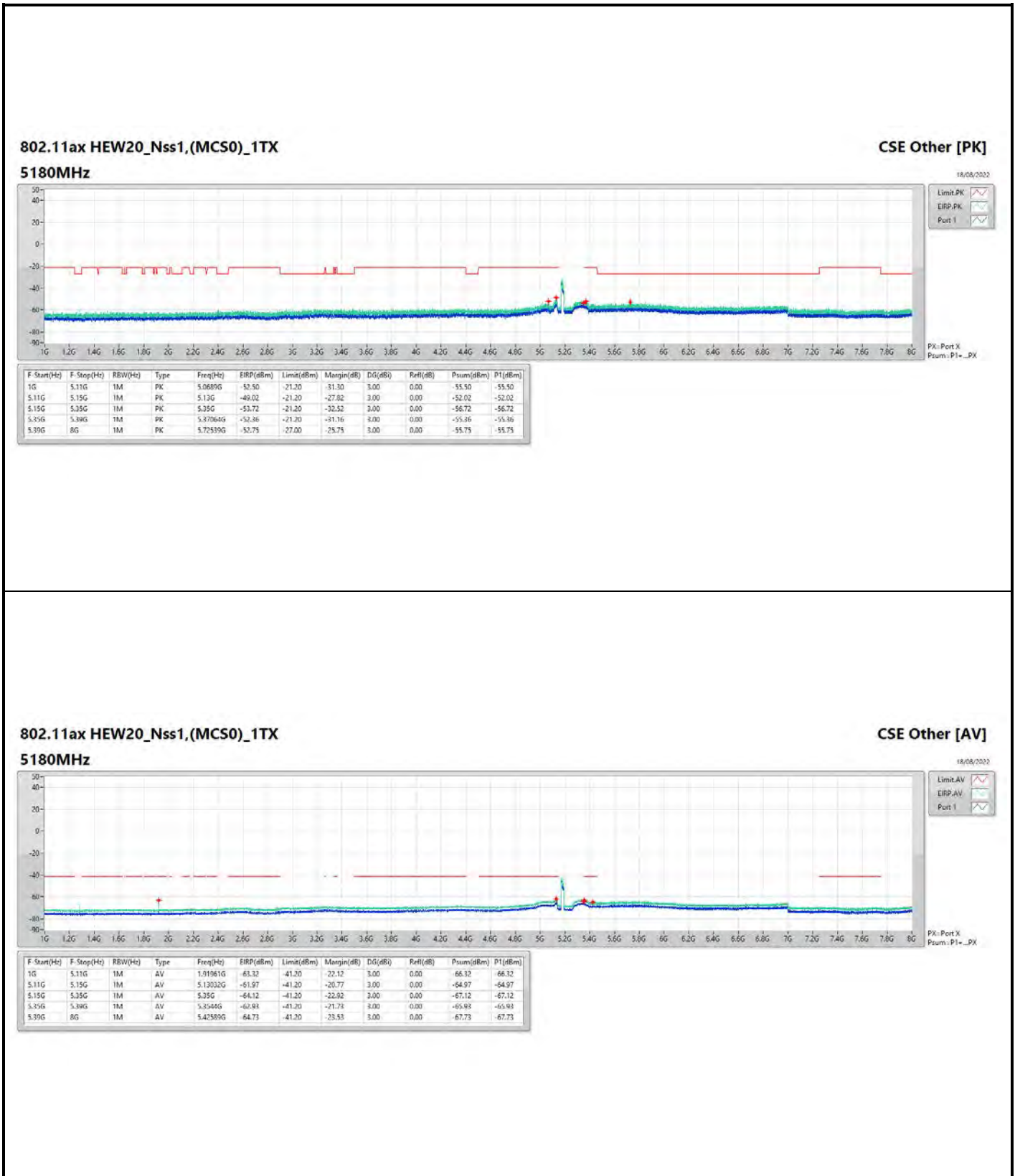


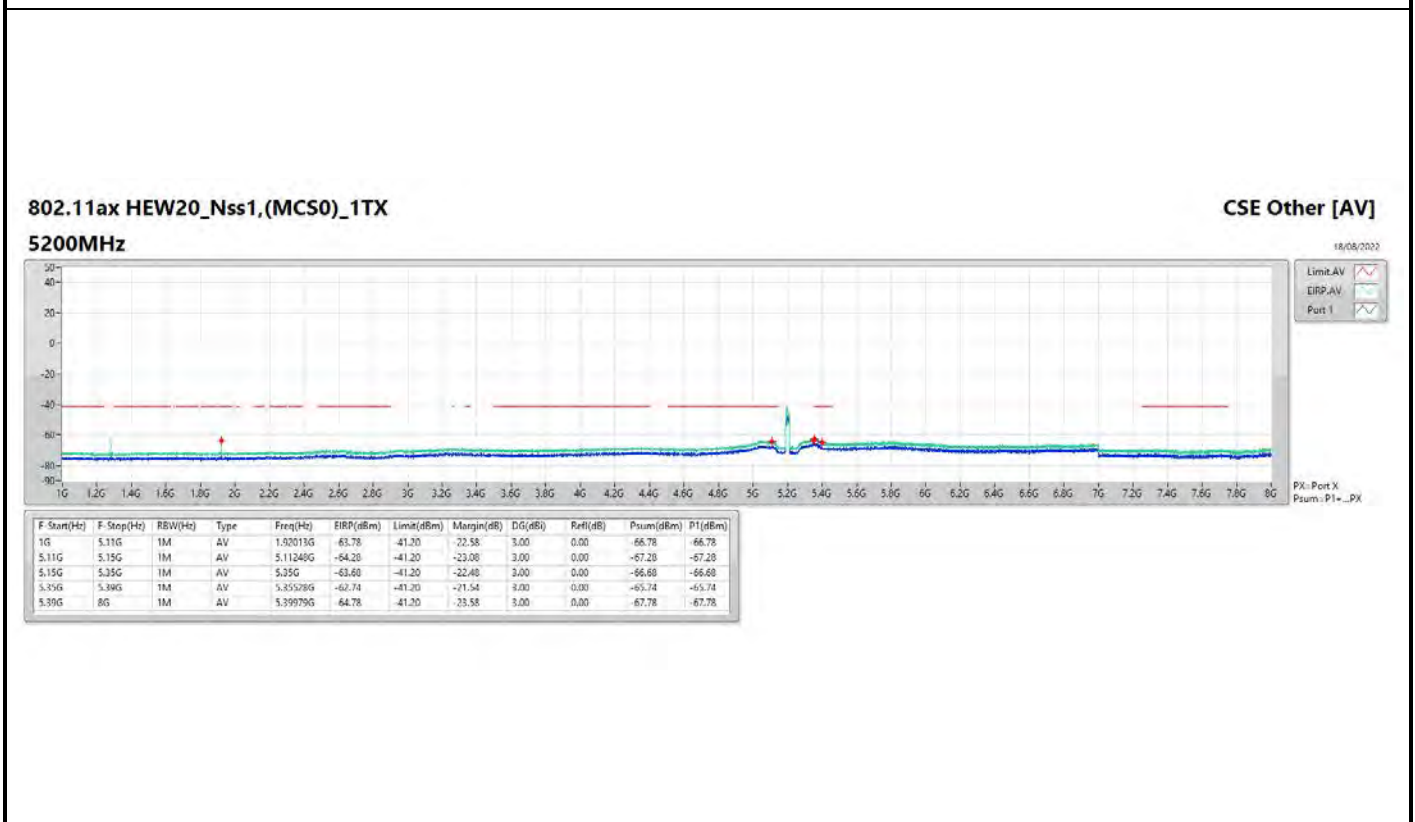
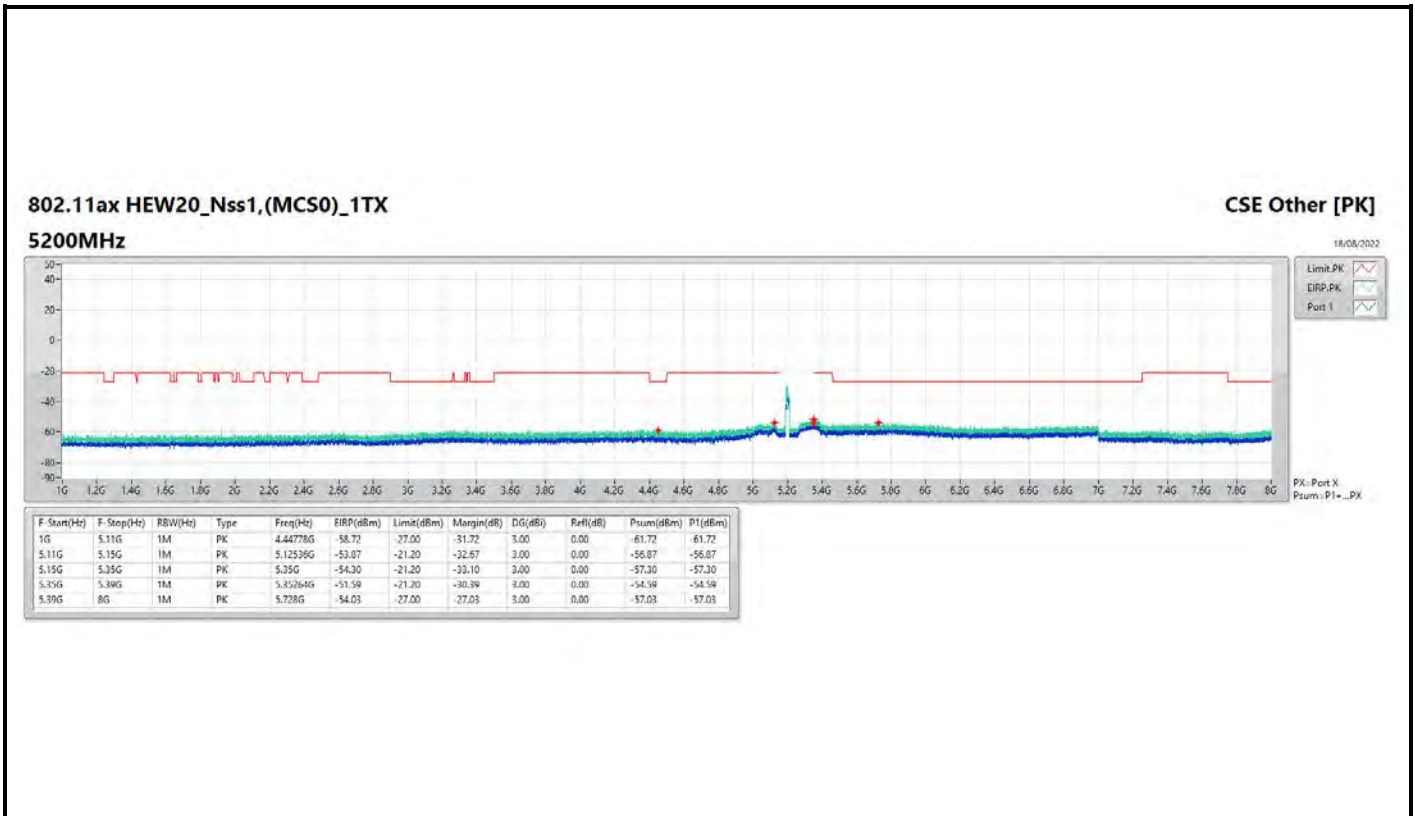


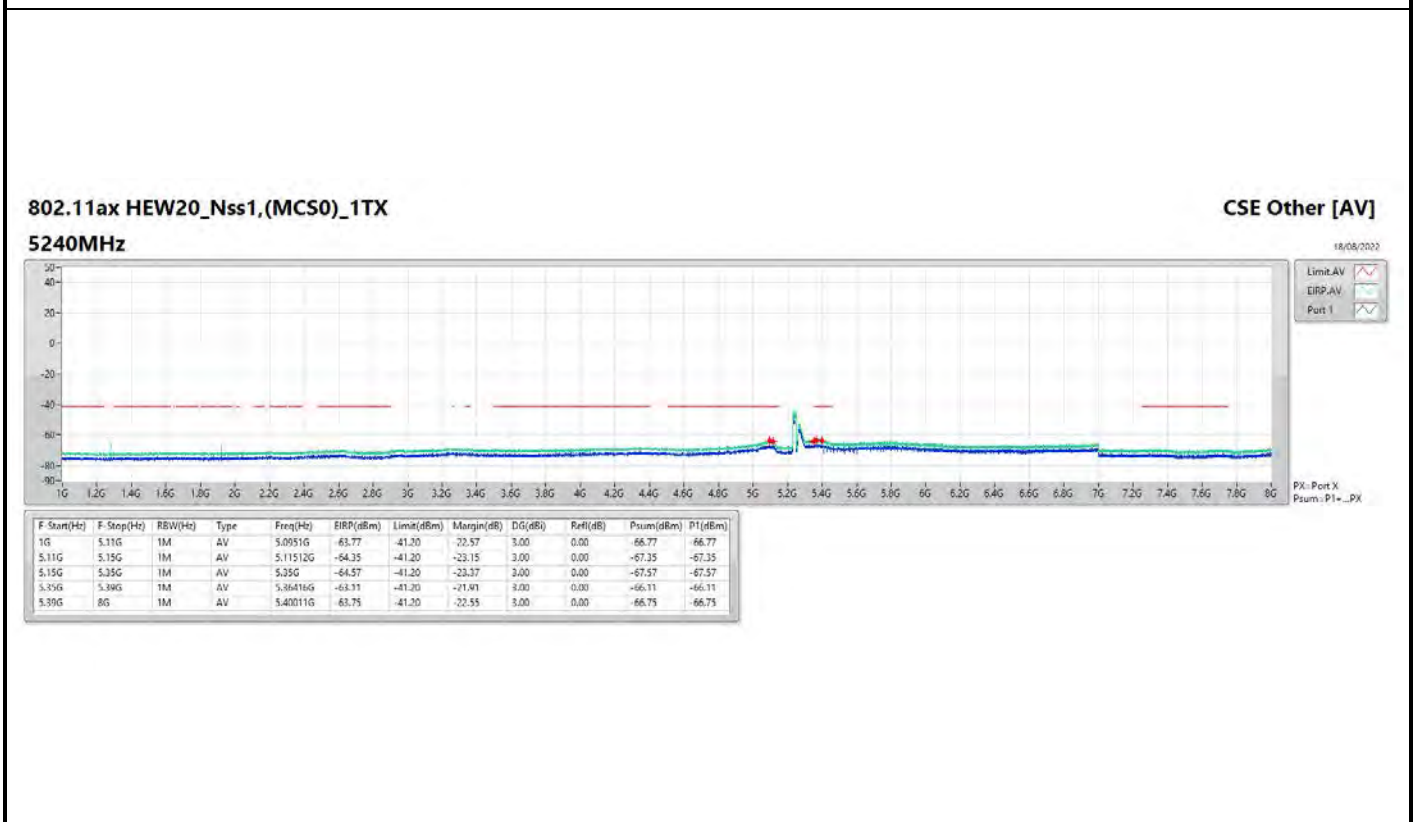
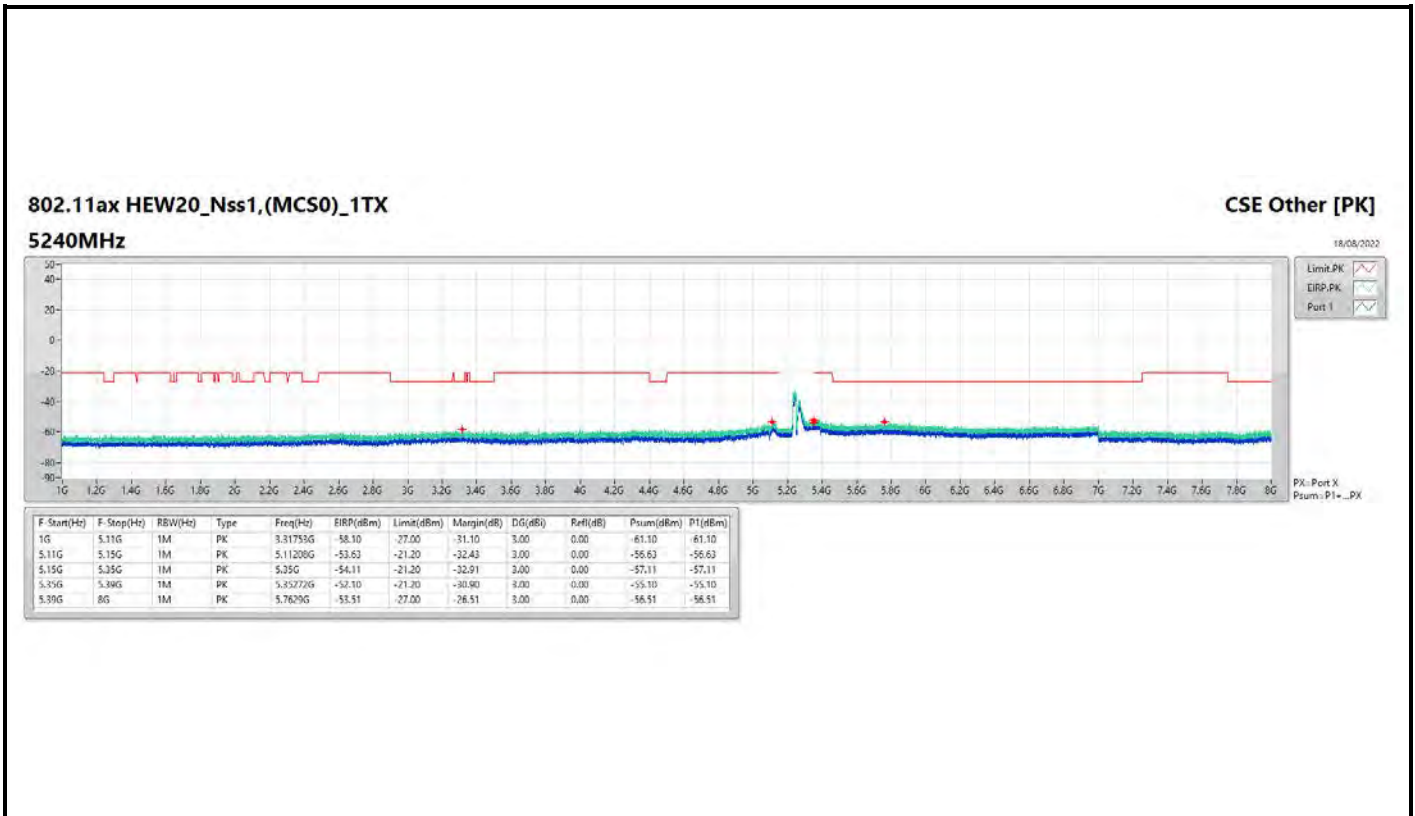


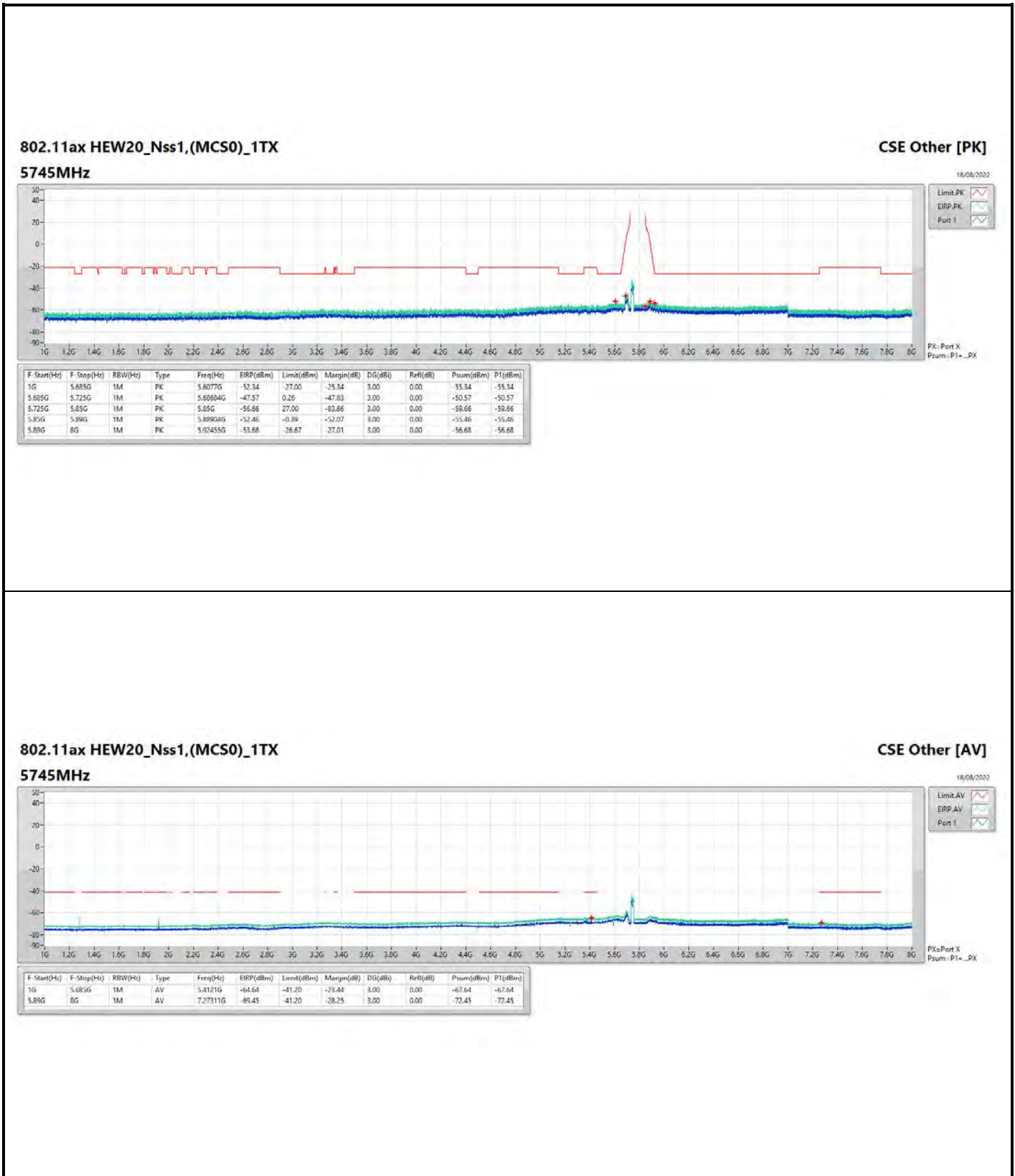


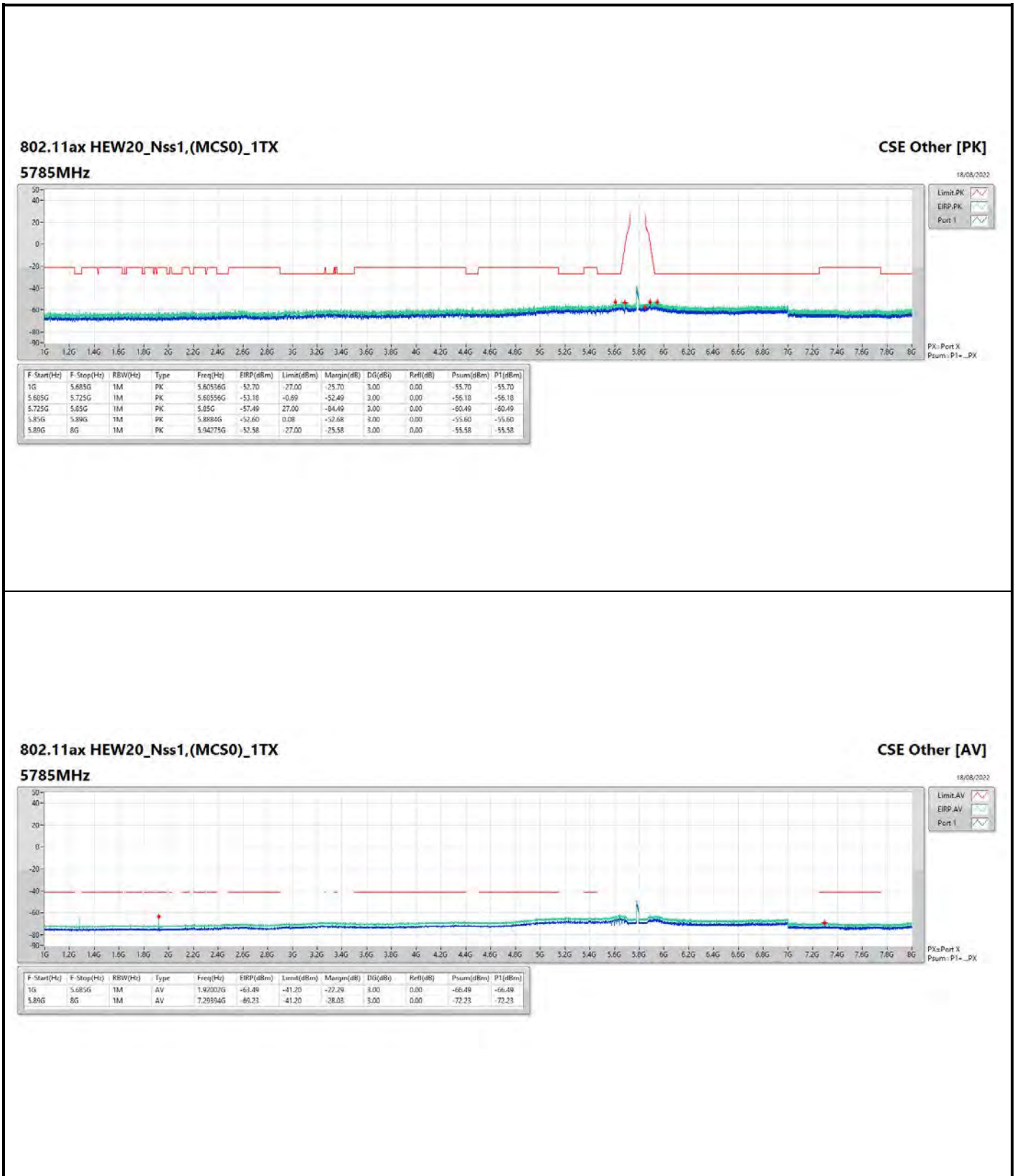


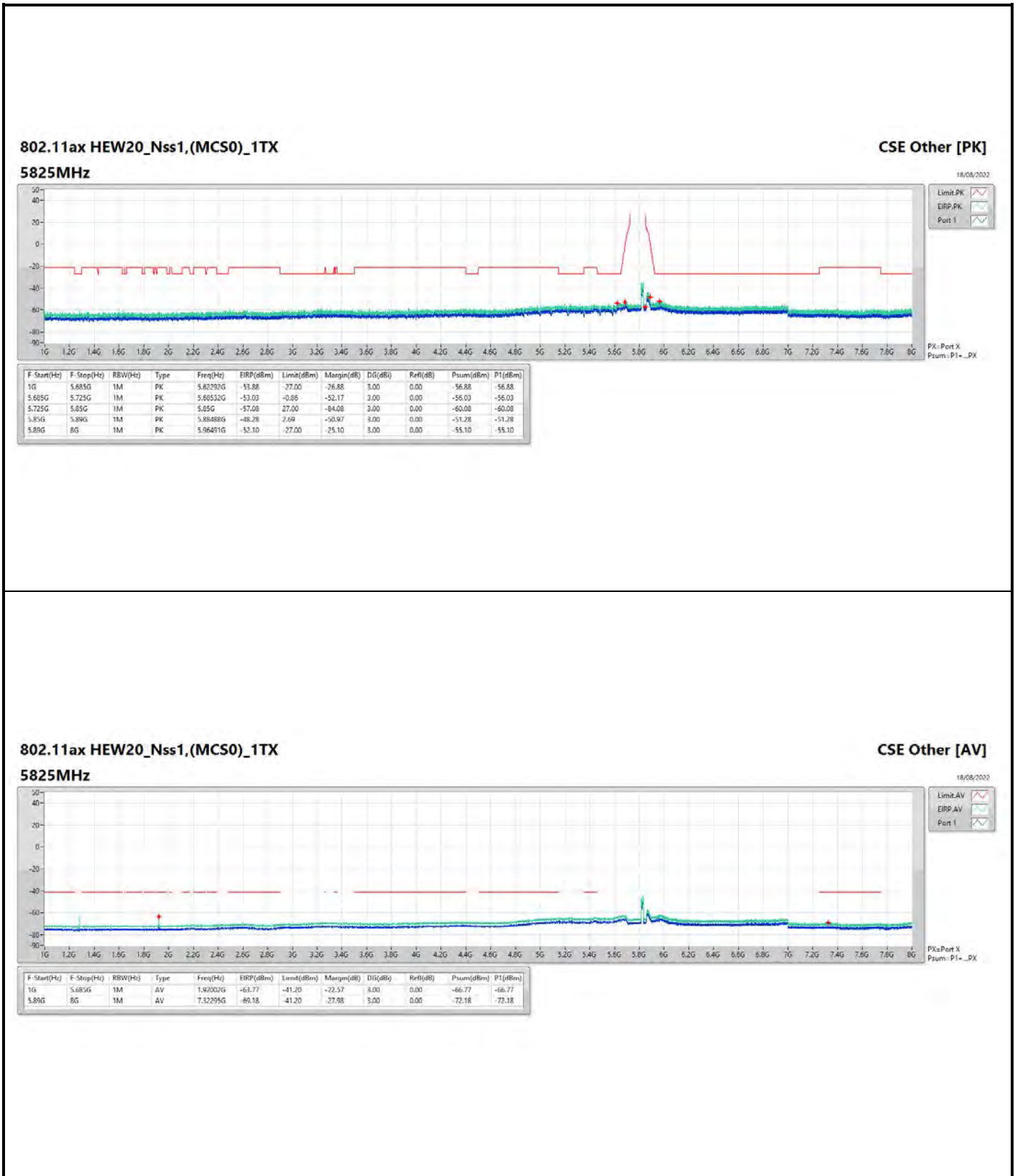


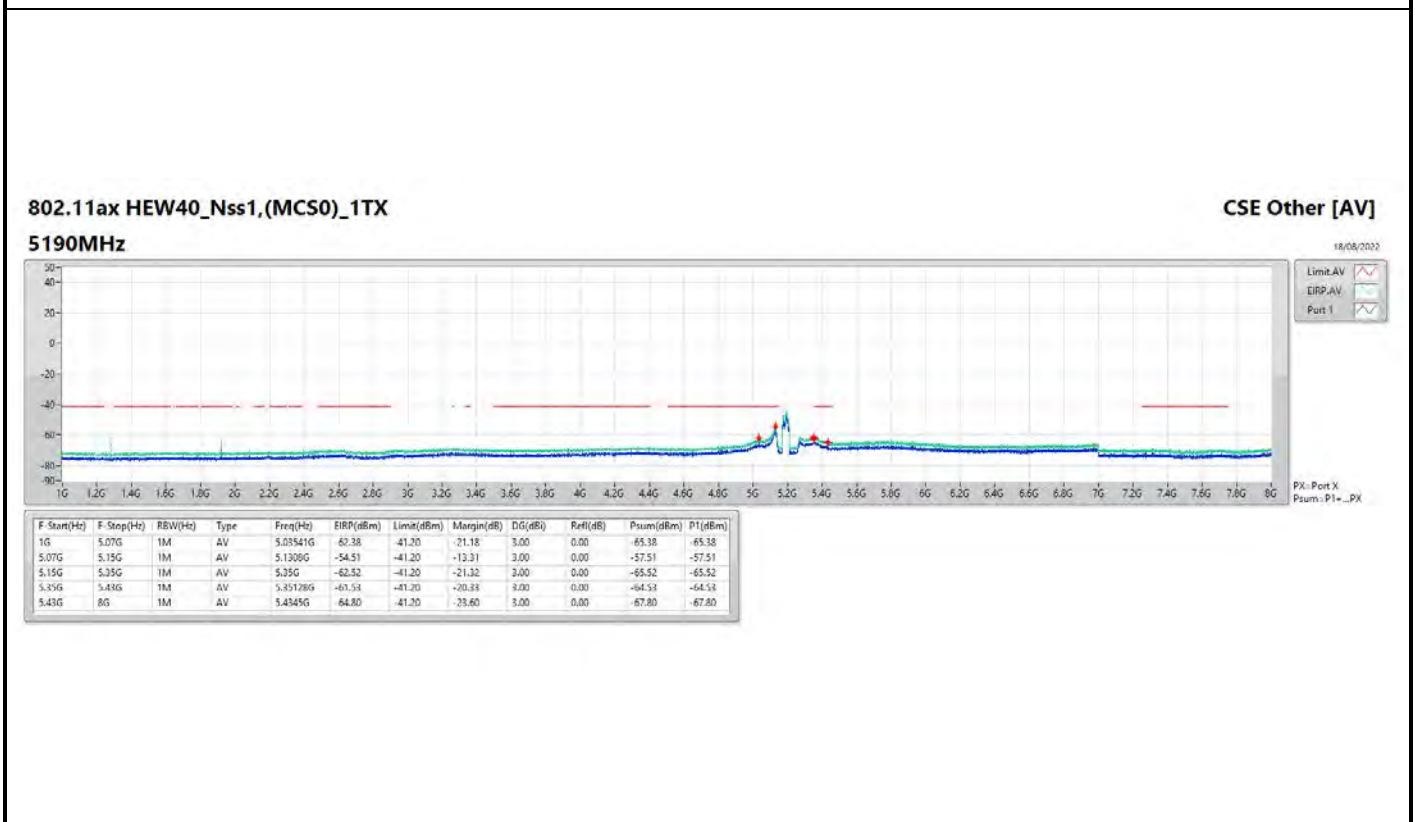
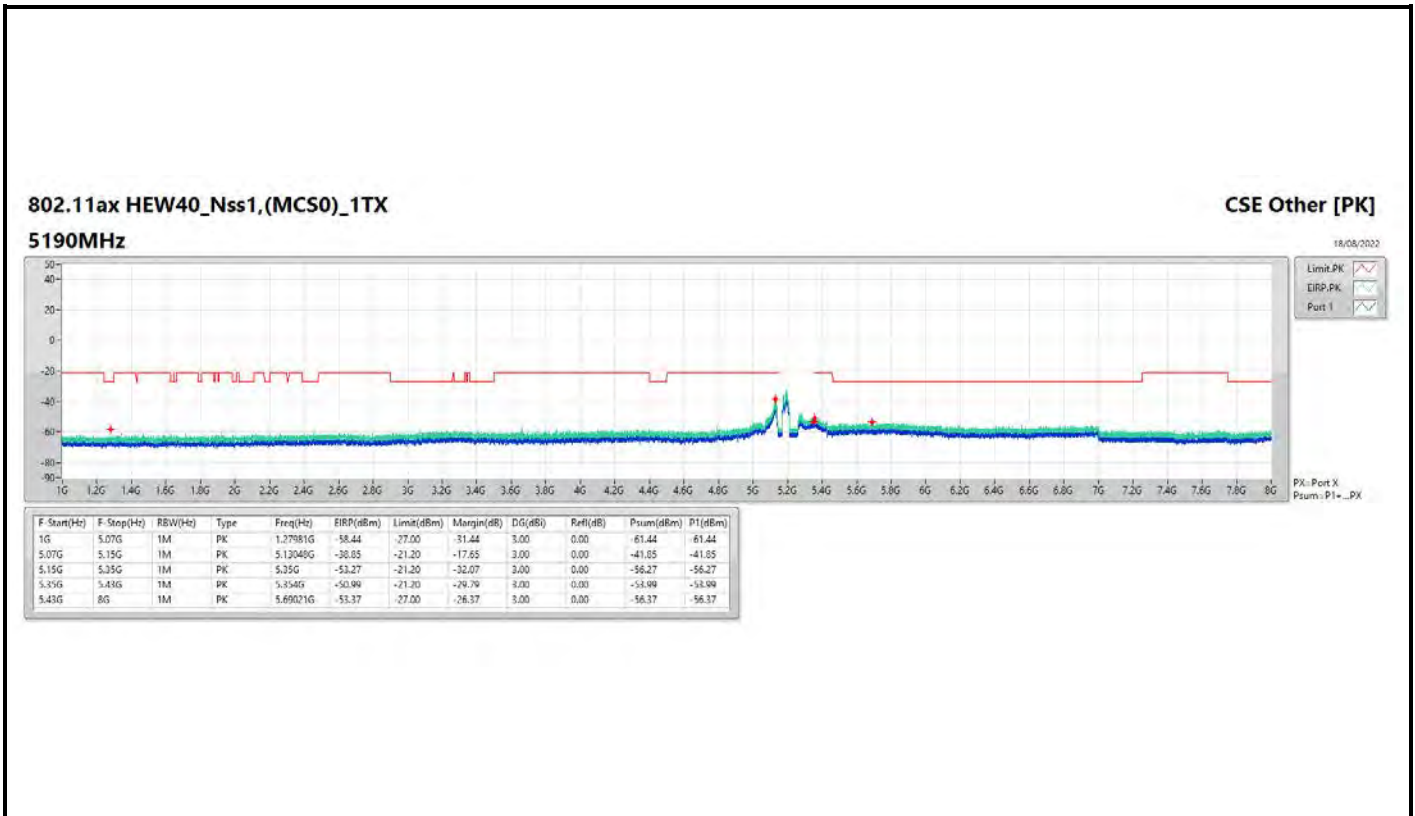


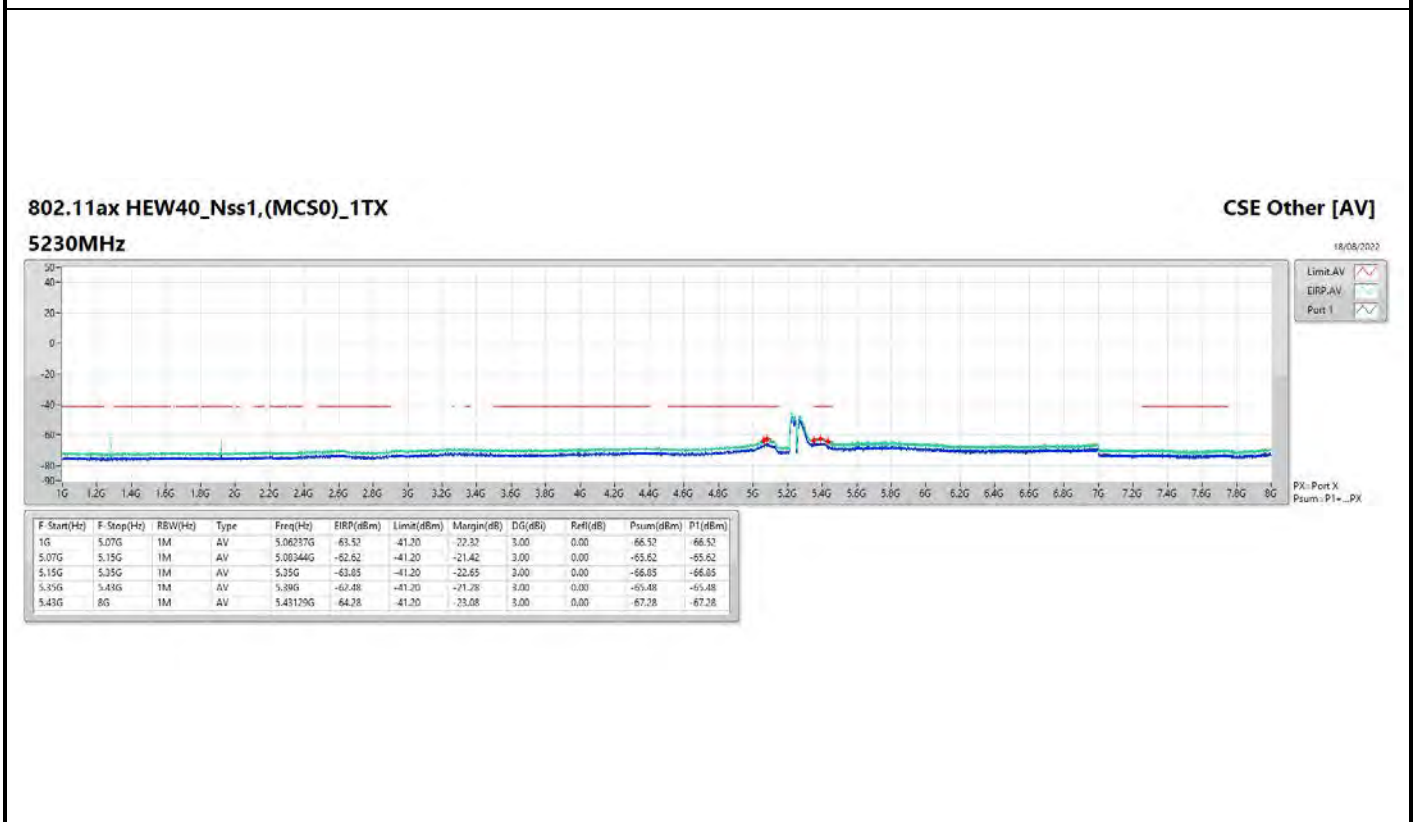
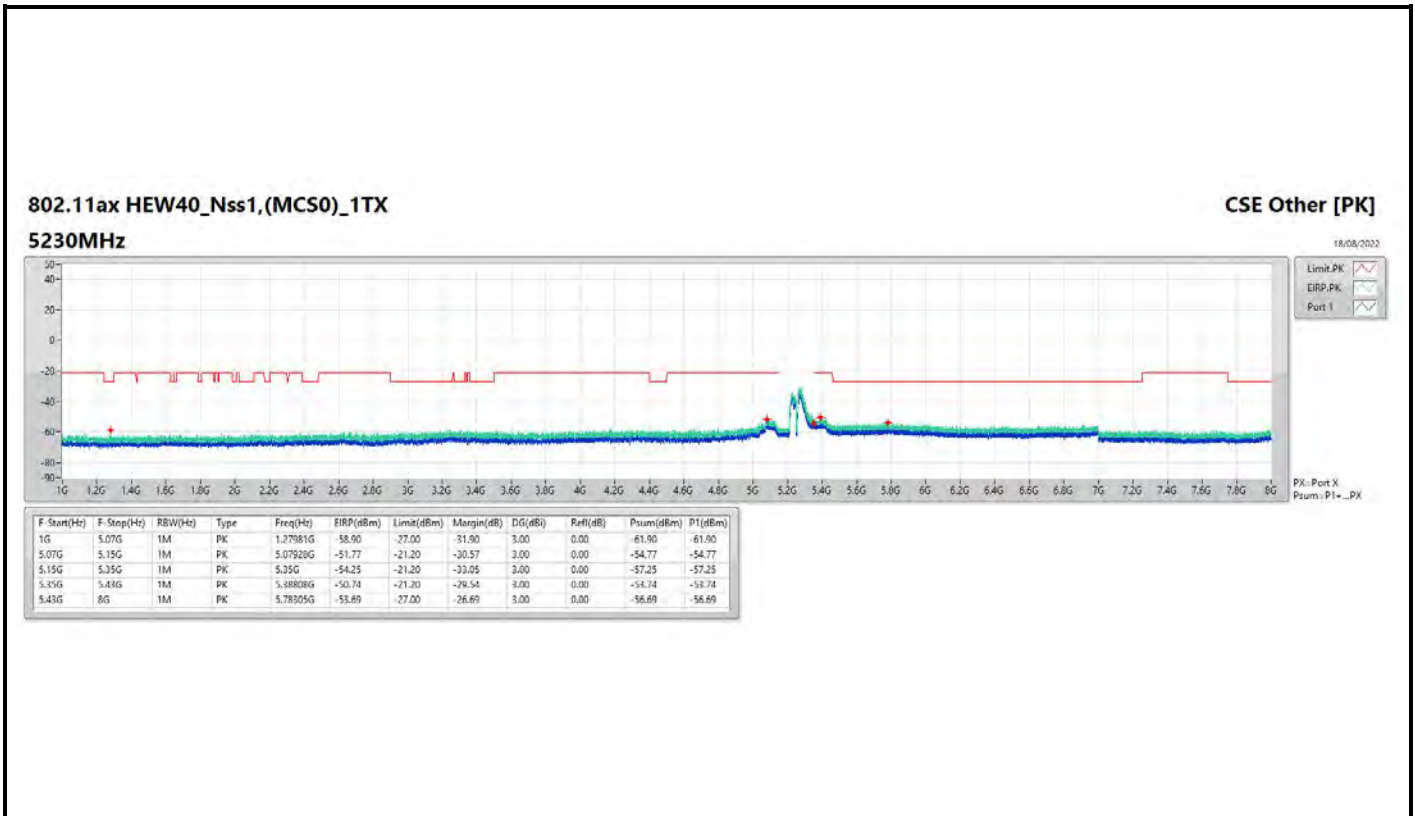


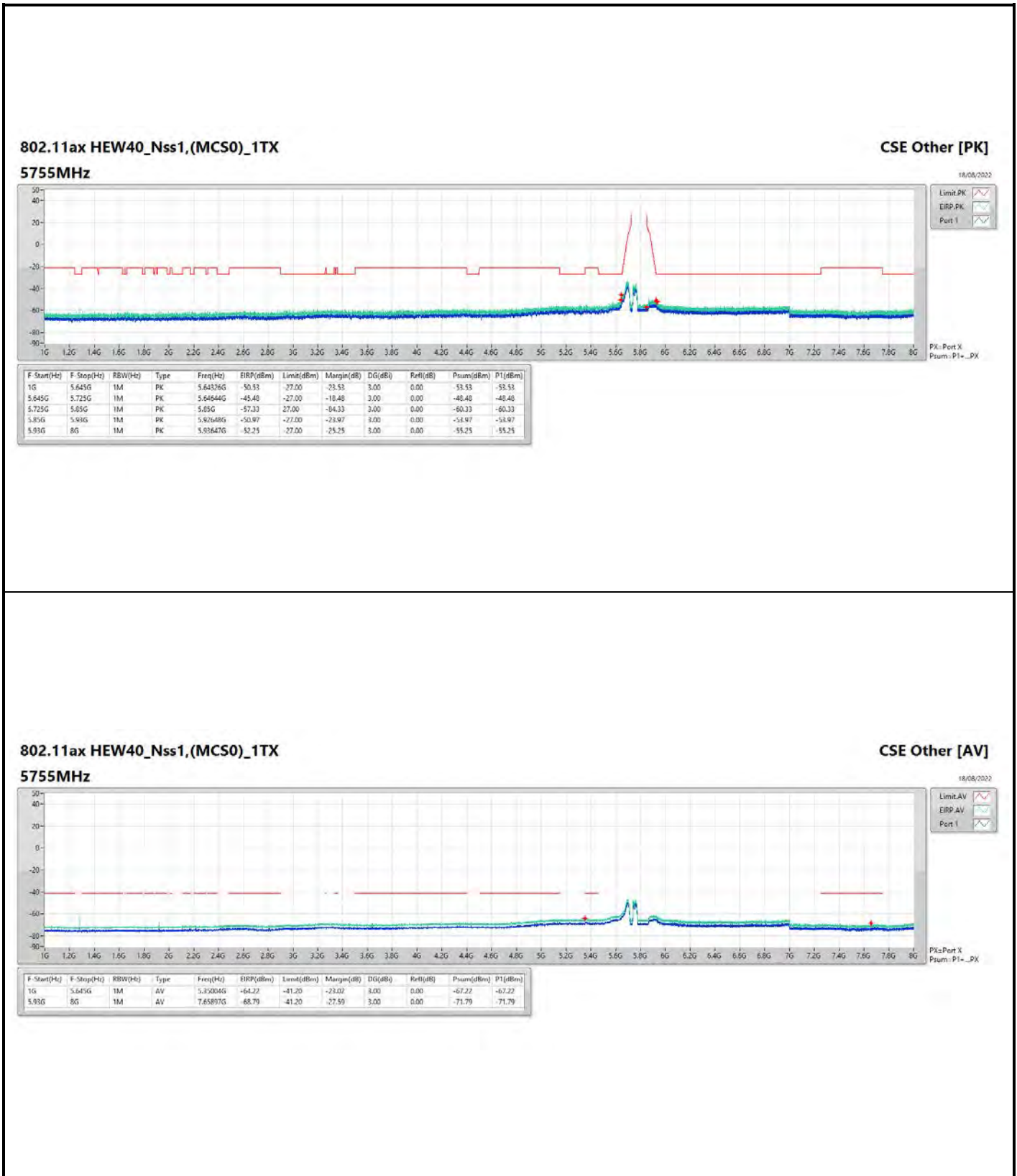


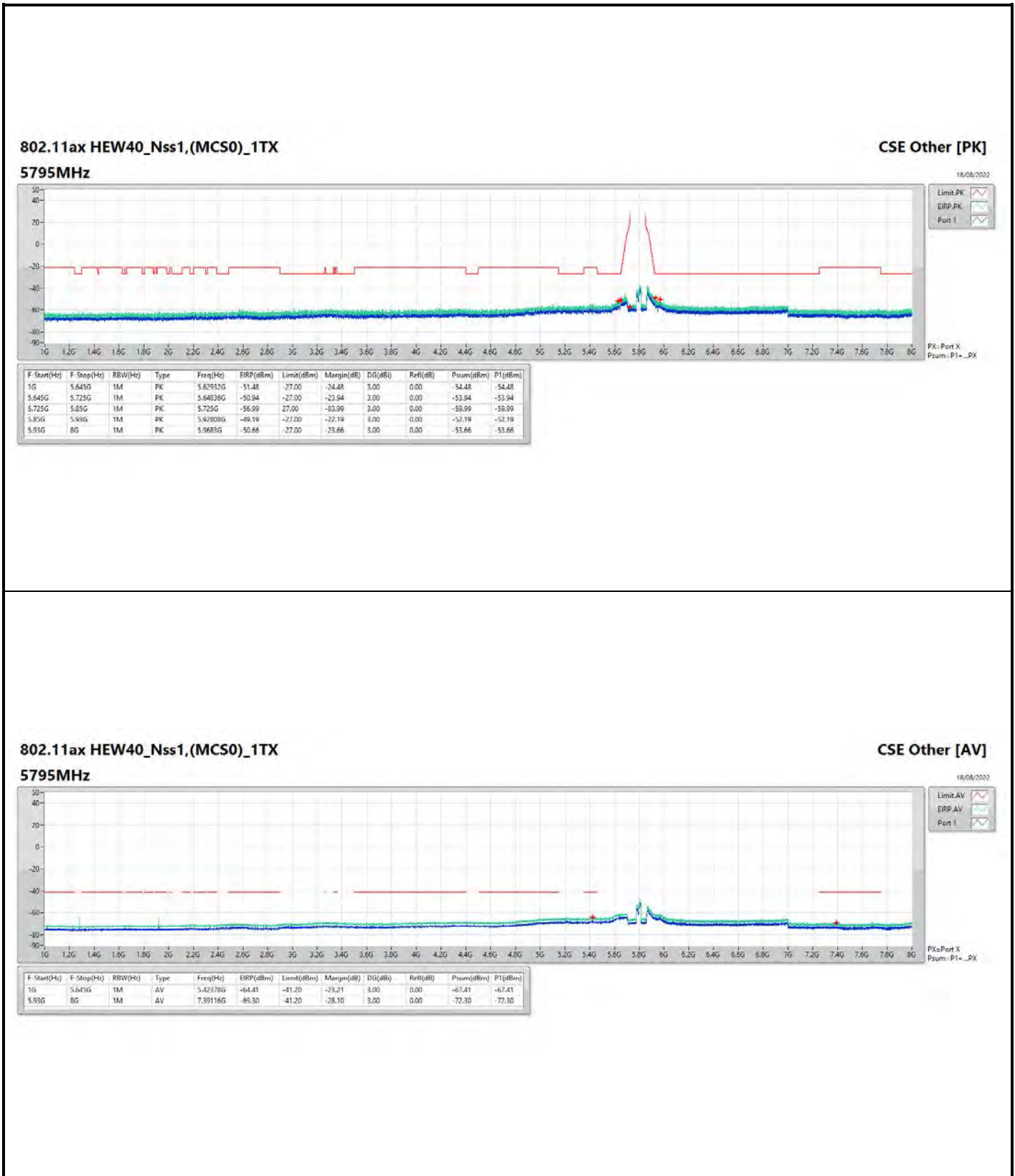


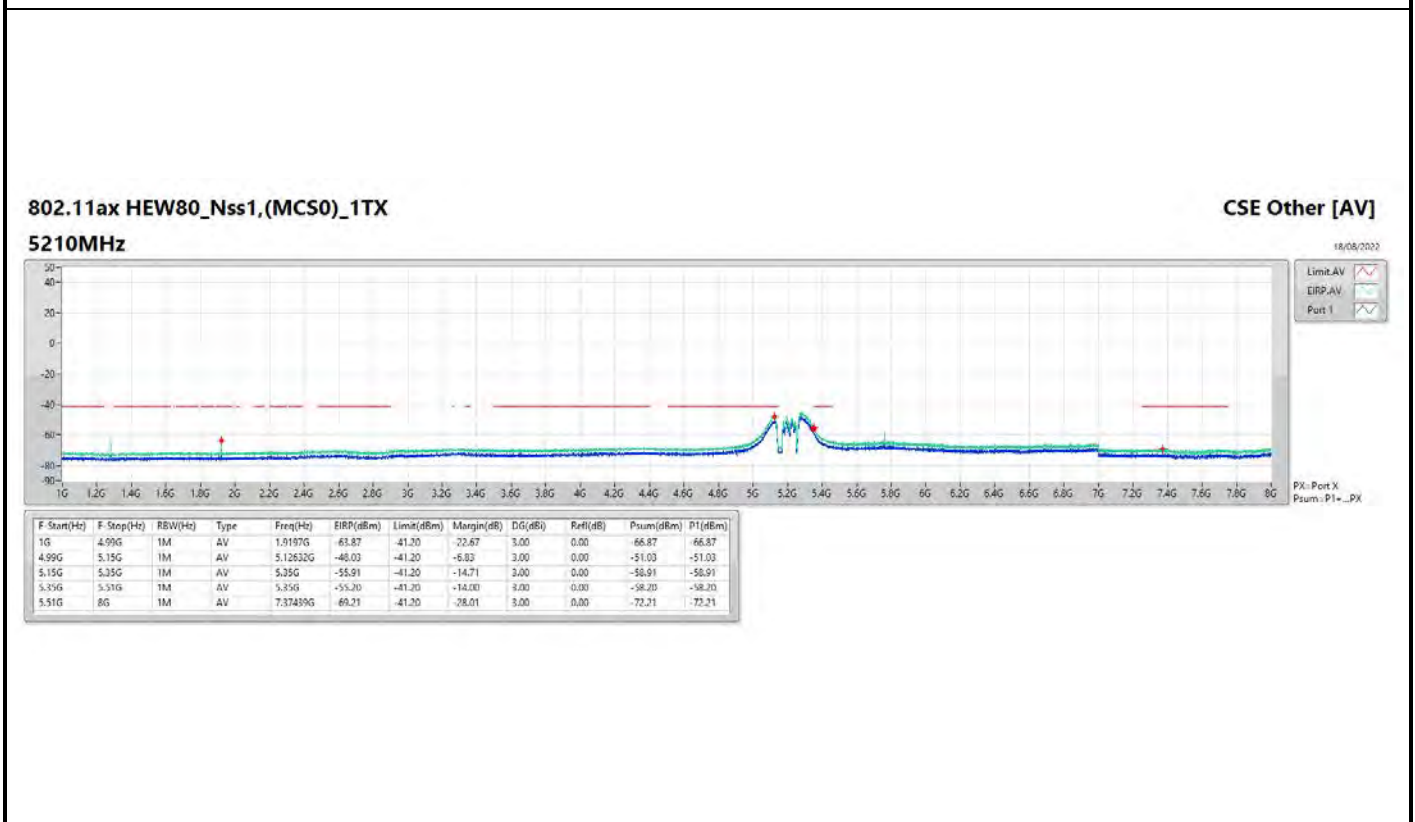
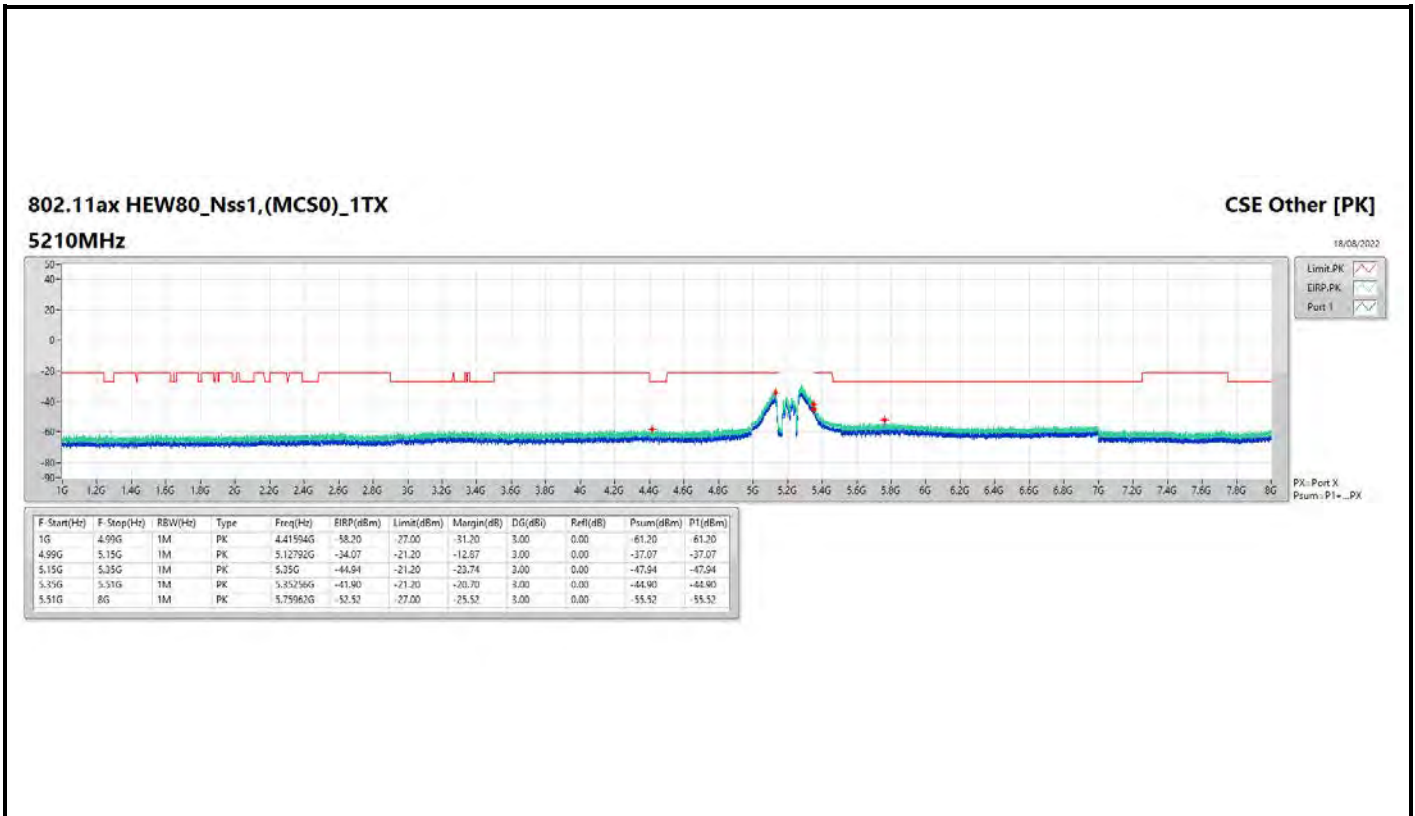


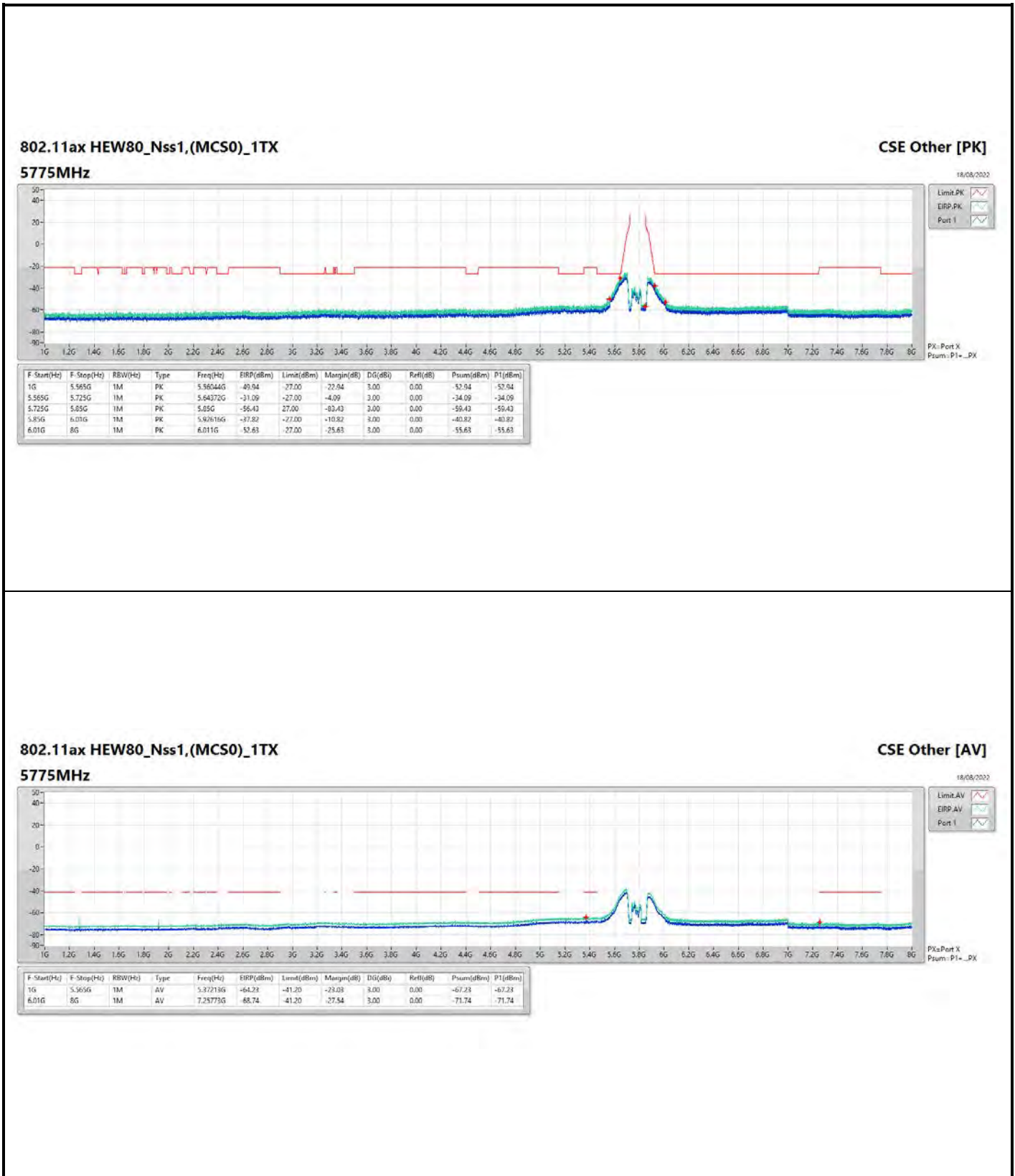














Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	15.598G	3.00	-52.04	-52.04	-49.04	-41.20	-7.84
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	15.535G	3.00	-52.28	-52.28	-49.28	-41.20	-8.08
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	15.57G	3.00	-56.11	-56.11	-53.11	-41.20	-11.91
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	15.584G	3.00	-58.63	-58.63	-55.63	-41.20	-14.43
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	39.811G	3.00	-60.53	-60.53	-57.53	-41.20	-16.33
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.839G	3.00	-60.43	-60.43	-57.43	-41.20	-16.23
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.811G	3.00	-60.94	-60.94	-57.94	-41.20	-16.74
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8425G	3.00	-60.79	-60.79	-57.79	-41.20	-16.59

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



CSE_Scanning R3_Antenna set 3 (Harmonic 8GHz ~ 40GHz)
_P to M

Appendix E.21

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	3.00	-72.81	-72.81	-69.81	-41.20	-28.61
5180MHz	Pass	8G	12G	AV	11.005G	3.00	-70.62	-70.62	-67.62	-41.20	-26.42
5180MHz	Pass	12G	40G	AV	15.5385G	3.00	-52.51	-52.51	-49.51	-41.20	-8.31
5180MHz	Pass	8G	12G	PK	9.5825G	3.00	-60.34	-60.34	-57.34	-27.00	-30.34
5180MHz	Pass	8G	12G	PK	10.351G	3.00	-63.43	-63.43	-60.43	-27.00	-33.43
5180MHz	Pass	12G	40G	PK	15.542G	3.00	-43.38	-43.38	-40.38	-21.20	-19.18
5200MHz	Pass	8G	12G	AV	10.6G	3.00	-72.82	-72.82	-69.82	-41.20	-28.62
5200MHz	Pass	8G	12G	AV	11.9835G	3.00	-70.77	-70.77	-67.77	-41.20	-26.57
5200MHz	Pass	12G	40G	AV	15.598G	3.00	-52.04	-52.04	-49.04	-41.20	-7.84
5200MHz	Pass	8G	12G	PK	9.5725G	3.00	-60.73	-60.73	-57.73	-27.00	-30.73
5200MHz	Pass	8G	12G	PK	10.3985G	3.00	-62.42	-62.42	-59.42	-27.00	-32.42
5200MHz	Pass	12G	40G	PK	15.5945G	3.00	-42.48	-42.48	-39.48	-21.20	-18.28
5240MHz	Pass	8G	12G	AV	10.6G	3.00	-71.63	-71.63	-68.63	-41.20	-27.43
5240MHz	Pass	8G	12G	AV	11.9055G	3.00	-70.50	-70.50	-67.50	-41.20	-26.30
5240MHz	Pass	12G	40G	AV	15.717G	3.00	-53.44	-53.44	-50.44	-41.20	-9.24
5240MHz	Pass	8G	12G	PK	10.067G	3.00	-61.27	-61.27	-58.27	-27.00	-31.27
5240MHz	Pass	8G	12G	PK	10.487G	3.00	-63.00	-63.00	-60.00	-27.00	-33.00
5240MHz	Pass	12G	40G	PK	15.7205G	3.00	-45.97	-45.97	-42.97	-21.20	-21.77
5745MHz	Pass	8G	12G	AV	11.4925G	3.00	-71.05	-71.05	-68.05	-41.20	-26.85
5745MHz	Pass	8G	12G	AV	11.8915G	3.00	-70.55	-70.55	-67.55	-41.20	-26.35
5745MHz	Pass	12G	40G	AV	39.811G	3.00	-60.53	-60.53	-57.53	-41.20	-16.33
5745MHz	Pass	8G	12G	PK	9.5455G	3.00	-61.39	-61.39	-58.39	-27.00	-31.39
5745MHz	Pass	8G	12G	PK	11.4815G	3.00	-60.00	-60.00	-57.00	-21.20	-35.80
5745MHz	Pass	12G	40G	PK	17.229G	3.00	-46.71	-46.71	-43.71	-27.00	-16.71
5785MHz	Pass	8G	12G	AV	11.5705G	3.00	-70.79	-70.79	-67.79	-41.20	-26.59
5785MHz	Pass	12G	40G	AV	39.846G	3.00	-60.91	-60.91	-57.91	-41.20	-16.71
5785MHz	Pass	8G	12G	PK	10.024G	3.00	-61.33	-61.33	-58.33	-27.00	-31.33
5785MHz	Pass	8G	12G	PK	11.5725G	3.00	-60.69	-60.69	-57.69	-21.20	-36.49
5785MHz	Pass	12G	40G	PK	38.369G	3.00	-53.35	-53.35	-50.35	-27.00	-23.35
5825MHz	Pass	8G	12G	AV	11.653G	3.00	-70.25	-70.25	-67.25	-41.20	-26.05
5825MHz	Pass	12G	40G	AV	39.8145G	3.00	-60.83	-60.83	-57.83	-41.20	-16.63
5825MHz	Pass	8G	12G	PK	10.017G	3.00	-60.51	-60.51	-57.51	-27.00	-30.51
5825MHz	Pass	8G	12G	PK	11.644G	3.00	-60.30	-60.30	-57.30	-21.20	-36.10
5825MHz	Pass	12G	40G	PK	17.481G	3.00	-51.54	-51.54	-48.54	-27.00	-21.54
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	10.6G	3.00	-72.50	-72.50	-69.50	-41.20	-28.30
5180MHz	Pass	8G	12G	AV	10.885G	3.00	-70.93	-70.93	-67.93	-41.20	-26.73
5180MHz	Pass	12G	40G	AV	15.535G	3.00	-52.28	-52.28	-49.28	-41.20	-8.08
5180MHz	Pass	8G	12G	PK	10.3635G	3.00	-63.00	-63.00	-60.00	-27.00	-33.00
5180MHz	Pass	8G	12G	PK	10.596G	3.00	-60.47	-60.47	-57.47	-27.00	-30.47
5180MHz	Pass	12G	40G	PK	15.5315G	3.00	-43.83	-43.83	-40.83	-21.20	-19.63
5200MHz	Pass	8G	12G	AV	10.6G	3.00	-73.06	-73.06	-70.06	-41.20	-28.86
5200MHz	Pass	8G	12G	AV	11.982G	3.00	-70.70	-70.70	-67.70	-41.20	-26.50
5200MHz	Pass	12G	40G	AV	15.6015G	3.00	-52.37	-52.37	-49.37	-41.20	-8.17
5200MHz	Pass	8G	12G	PK	10.415G	3.00	-62.66	-62.66	-59.66	-27.00	-32.66
5200MHz	Pass	8G	12G	PK	10.597G	3.00	-61.02	-61.02	-58.02	-27.00	-31.02
5200MHz	Pass	12G	40G	PK	15.605G	3.00	-44.71	-44.71	-41.71	-21.20	-20.51
5240MHz	Pass	8G	12G	AV	10.6G	3.00	-71.07	-71.07	-68.07	-41.20	-26.87
5240MHz	Pass	8G	12G	AV	11.998G	3.00	-70.70	-70.70	-67.70	-41.20	-26.50
5240MHz	Pass	12G	40G	AV	15.7135G	3.00	-55.13	-55.13	-52.13	-41.20	-10.93
5240MHz	Pass	8G	12G	PK	8.0005G	3.00	-60.64	-60.64	-57.64	-27.00	-30.64
5240MHz	Pass	8G	12G	PK	10.482G	3.00	-62.14	-62.14	-59.14	-27.00	-32.14
5240MHz	Pass	12G	40G	PK	15.717G	3.00	-47.47	-47.47	-44.47	-21.20	-23.27
5745MHz	Pass	8G	12G	AV	11.488G	3.00	-70.76	-70.76	-67.76	-41.20	-26.56
5745MHz	Pass	12G	40G	AV	39.839G	3.00	-60.43	-60.43	-57.43	-41.20	-16.23
5745MHz	Pass	8G	12G	PK	9.6115G	3.00	-60.66	-60.66	-57.66	-27.00	-30.66
5745MHz	Pass	8G	12G	PK	11.498G	3.00	-61.10	-61.10	-58.10	-21.20	-36.90
5745MHz	Pass	12G	40G	PK	17.222G	3.00	-47.68	-47.68	-44.68	-27.00	-17.68
5785MHz	Pass	8G	12G	AV	11.568G	3.00	-70.57	-70.57	-67.57	-41.20	-26.37
5785MHz	Pass	12G	40G	AV	39.853G	3.00	-60.86	-60.86	-57.86	-41.20	-16.66
5785MHz	Pass	8G	12G	PK	9.5115G	3.00	-61.20	-61.20	-58.20	-27.00	-31.20
5785MHz	Pass	8G	12G	PK	11.5565G	3.00	-61.70	-61.70	-58.70	-21.20	-37.50
5785MHz	Pass	12G	40G	PK	17.3445G	3.00	-53.71	-53.71	-50.71	-27.00	-23.71
5825MHz	Pass	8G	12G	AV	11.652G	3.00	-70.43	-70.43	-67.43	-41.20	-26.23
5825MHz	Pass	12G	40G	AV	39.8075G	3.00	-60.84	-60.84	-57.84	-41.20	-16.64
5825MHz	Pass	8G	12G	PK	8.004G	3.00	-61.15	-61.15	-58.15	-27.00	-31.15
5825MHz	Pass	8G	12G	PK	11.6525G	3.00	-59.42	-59.42	-56.42	-21.20	-35.22
5825MHz	Pass	12G	40G	PK	17.481G	3.00	-52.64	-52.64	-49.64	-27.00	-22.64

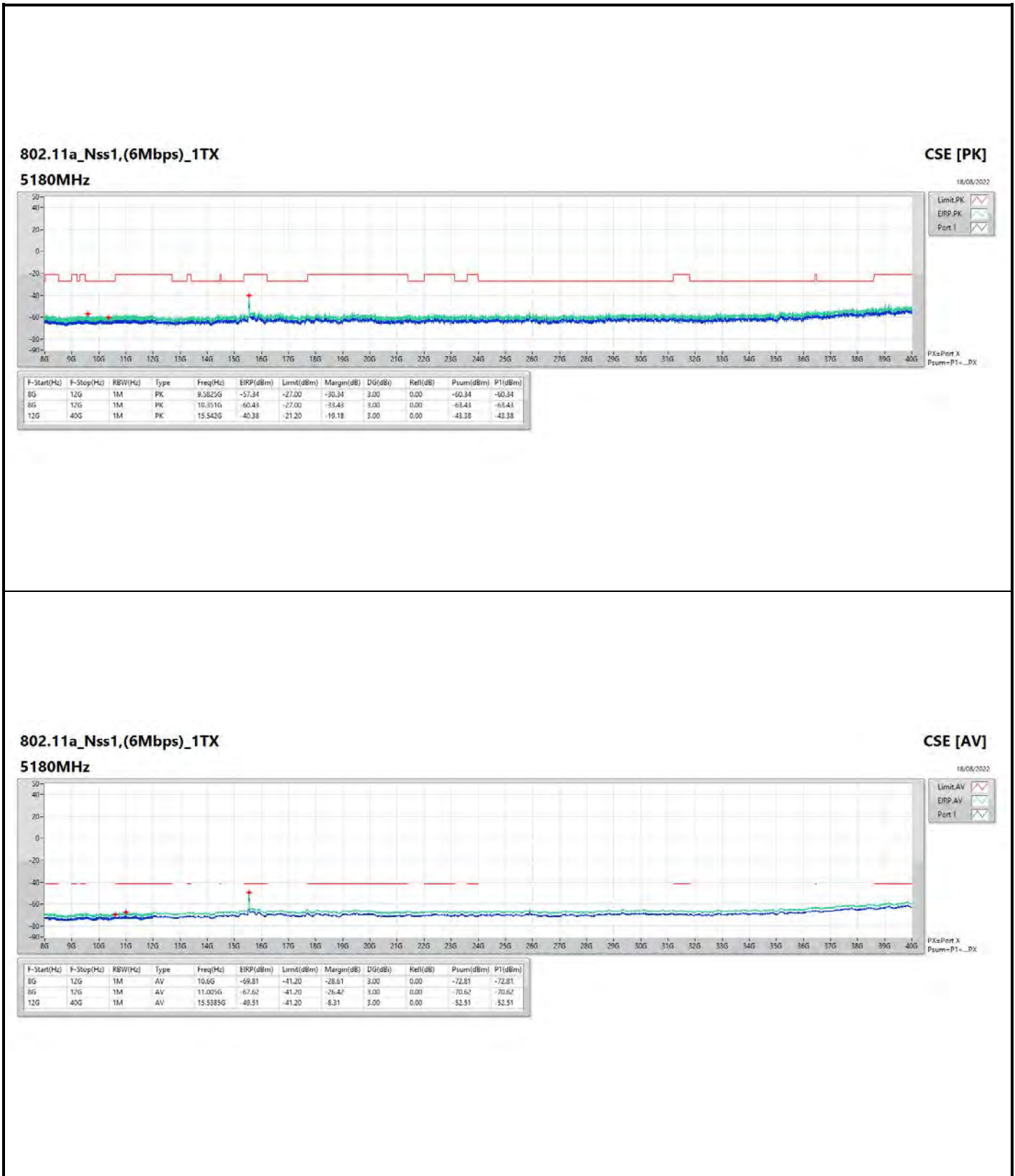


CSE_Scanning R3_Antenna set 3 (Harmonic 8GHz ~ 40GHz)
_P to M

Appendix E.21

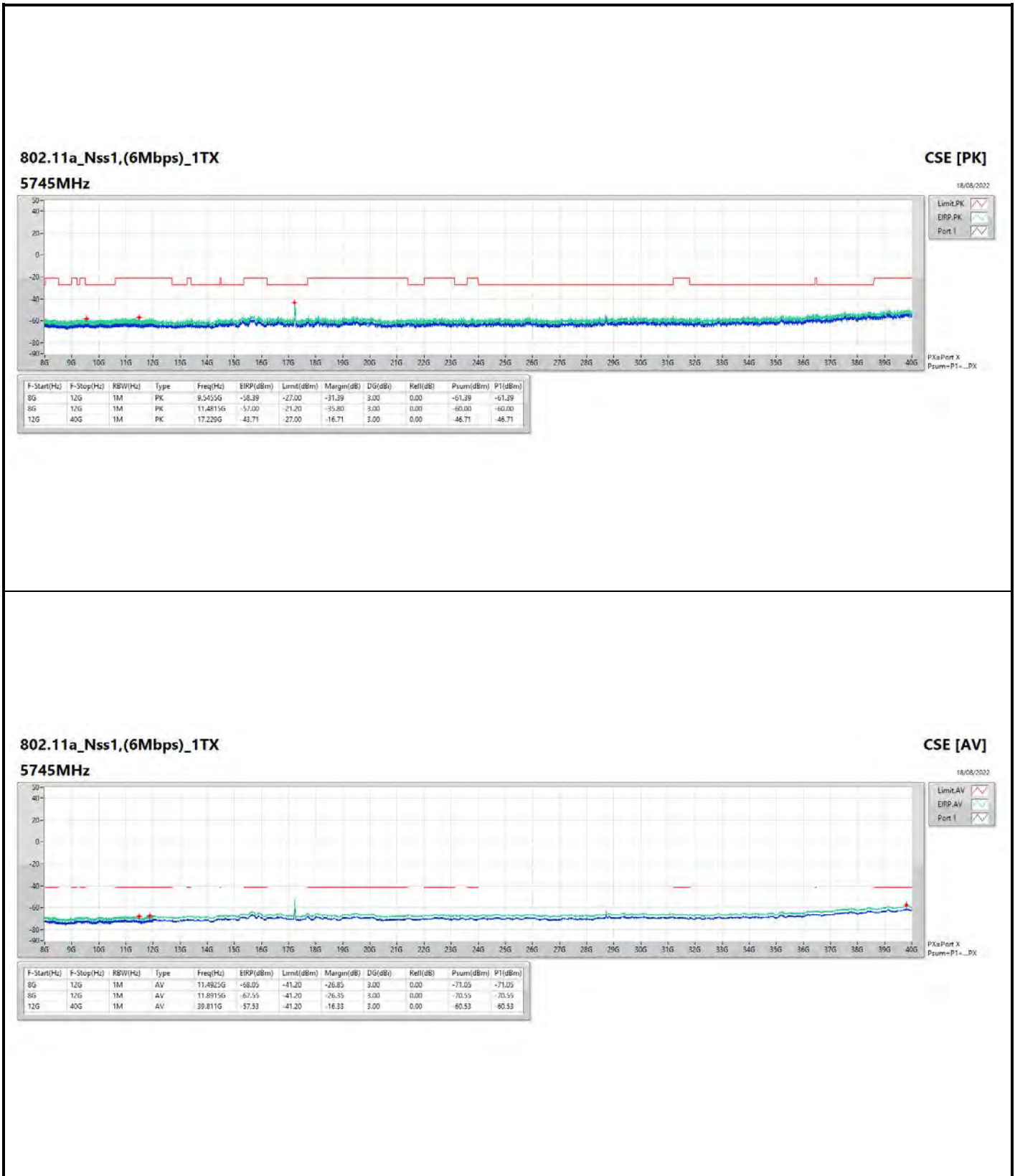
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	10.6G	3.00	-72.38	-72.38	-69.38	-41.20	-28.18
5190MHz	Pass	8G	12G	AV	11.9485G	3.00	-70.84	-70.84	-67.84	-41.20	-26.64
5190MHz	Pass	12G	40G	AV	15.57G	3.00	-56.11	-56.11	-53.11	-41.20	-11.91
5190MHz	Pass	8G	12G	PK	10.383G	3.00	-62.55	-62.55	-59.55	-27.00	-32.55
5190MHz	Pass	8G	12G	PK	10.561G	3.00	-61.24	-61.24	-58.24	-27.00	-31.24
5190MHz	Pass	12G	40G	PK	38.411G	3.00	-53.36	-53.36	-50.36	-27.00	-23.36
5230MHz	Pass	8G	12G	AV	10.6G	3.00	-72.20	-72.20	-69.20	-41.20	-28.00
5230MHz	Pass	8G	12G	AV	11.9885G	3.00	-70.34	-70.34	-67.34	-41.20	-26.14
5230MHz	Pass	12G	40G	AV	15.6925G	3.00	-56.73	-56.73	-53.73	-41.20	-12.53
5230MHz	Pass	8G	12G	PK	10.4895G	3.00	-61.16	-61.16	-58.16	-27.00	-31.16
5230MHz	Pass	8G	12G	PK	10.595G	3.00	-60.61	-60.61	-57.61	-27.00	-30.61
5230MHz	Pass	12G	40G	PK	38.3795G	3.00	-54.22	-54.22	-51.22	-27.00	-24.22
5755MHz	Pass	8G	12G	AV	11.292G	3.00	-70.89	-70.89	-67.89	-41.20	-26.69
5755MHz	Pass	8G	12G	AV	11.4995G	3.00	-71.43	-71.43	-68.43	-41.20	-27.23
5755MHz	Pass	12G	40G	AV	39.811G	3.00	-60.94	-60.94	-57.94	-41.20	-16.74
5755MHz	Pass	8G	12G	PK	9.5265G	3.00	-61.38	-61.38	-58.38	-27.00	-31.38
5755MHz	Pass	8G	12G	PK	11.5145G	3.00	-61.48	-61.48	-58.48	-21.20	-37.28
5755MHz	Pass	12G	40G	PK	17.2605G	3.00	-52.56	-52.56	-49.56	-27.00	-22.56
5795MHz	Pass	8G	12G	AV	11.188G	3.00	-70.55	-70.55	-67.55	-41.20	-26.35
5795MHz	Pass	8G	12G	AV	11.588G	3.00	-70.73	-70.73	-67.73	-41.20	-26.53
5795MHz	Pass	12G	40G	AV	39.8425G	3.00	-60.97	-60.97	-57.97	-41.20	-16.77
5795MHz	Pass	8G	12G	PK	10.3495G	3.00	-61.41	-61.41	-58.41	-27.00	-31.41
5795MHz	Pass	8G	12G	PK	11.596G	3.00	-61.06	-61.06	-58.06	-21.20	-36.86
5795MHz	Pass	12G	40G	PK	38.138G	3.00	-54.28	-54.28	-51.28	-27.00	-24.28
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	10.6G	3.00	-73.03	-73.03	-70.03	-41.20	-28.83
5210MHz	Pass	8G	12G	AV	10.9725G	3.00	-70.51	-70.51	-67.51	-41.20	-26.31
5210MHz	Pass	12G	40G	AV	15.584G	3.00	-58.63	-58.63	-55.63	-41.20	-14.43
5210MHz	Pass	8G	12G	PK	10.0095G	3.00	-60.46	-60.46	-57.46	-27.00	-30.46
5210MHz	Pass	8G	12G	PK	10.3485G	3.00	-61.82	-61.82	-58.82	-27.00	-31.82
5210MHz	Pass	12G	40G	PK	37.5675G	3.00	-54.58	-54.58	-51.58	-27.00	-24.58
5775MHz	Pass	8G	12G	AV	10.897G	3.00	-70.79	-70.79	-67.79	-41.20	-26.59
5775MHz	Pass	8G	12G	AV	11.5855G	3.00	-71.59	-71.59	-68.59	-41.20	-27.39
5775MHz	Pass	12G	40G	AV	39.8425G	3.00	-60.79	-60.79	-57.79	-41.20	-16.59
5775MHz	Pass	8G	12G	PK	9.5225G	3.00	-60.99	-60.99	-57.99	-27.00	-30.99
5775MHz	Pass	8G	12G	PK	11.6095G	3.00	-61.64	-61.64	-58.64	-21.20	-37.44
5775MHz	Pass	12G	40G	PK	37.9G	3.00	-53.39	-53.39	-50.39	-27.00	-23.39

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



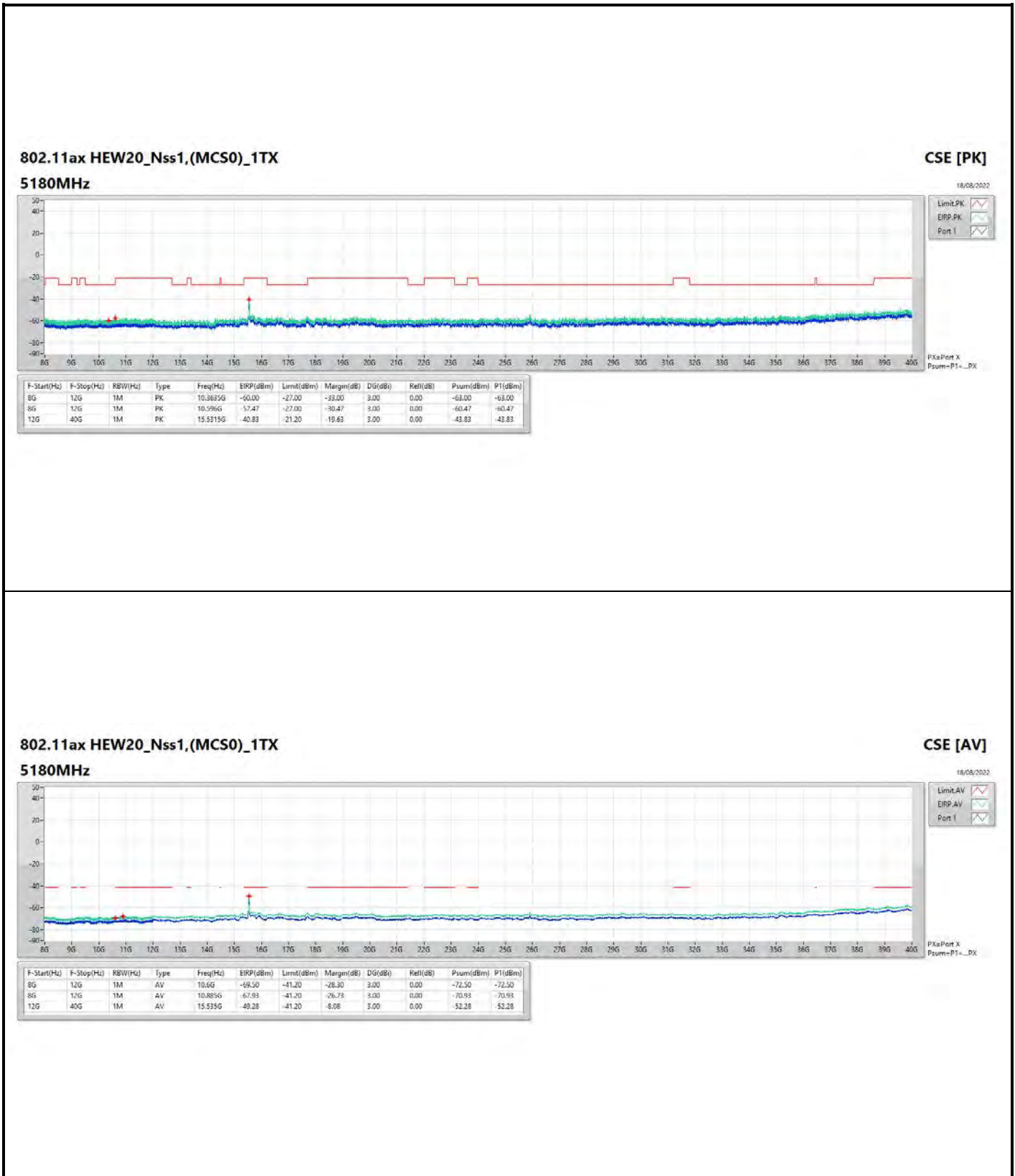


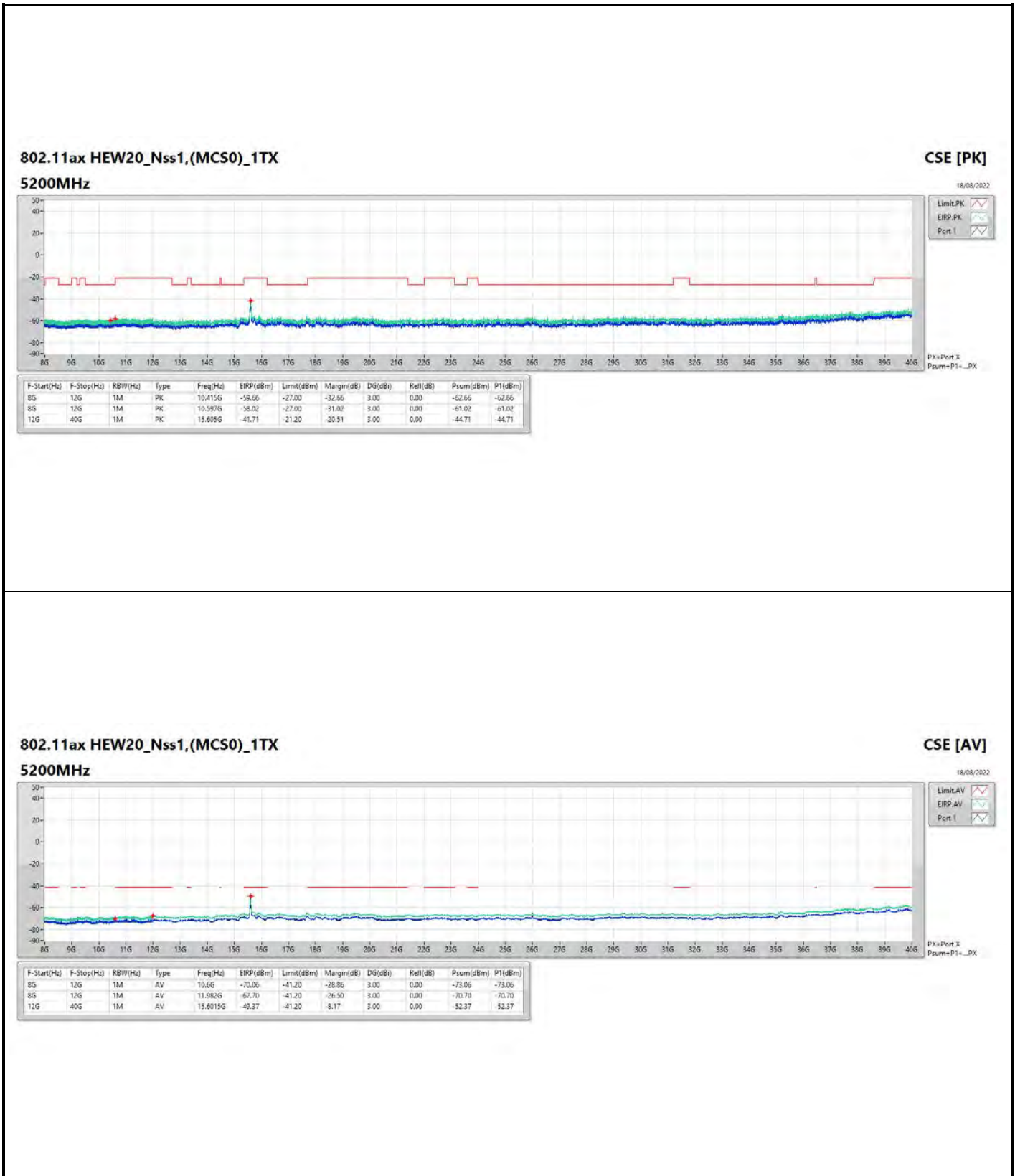




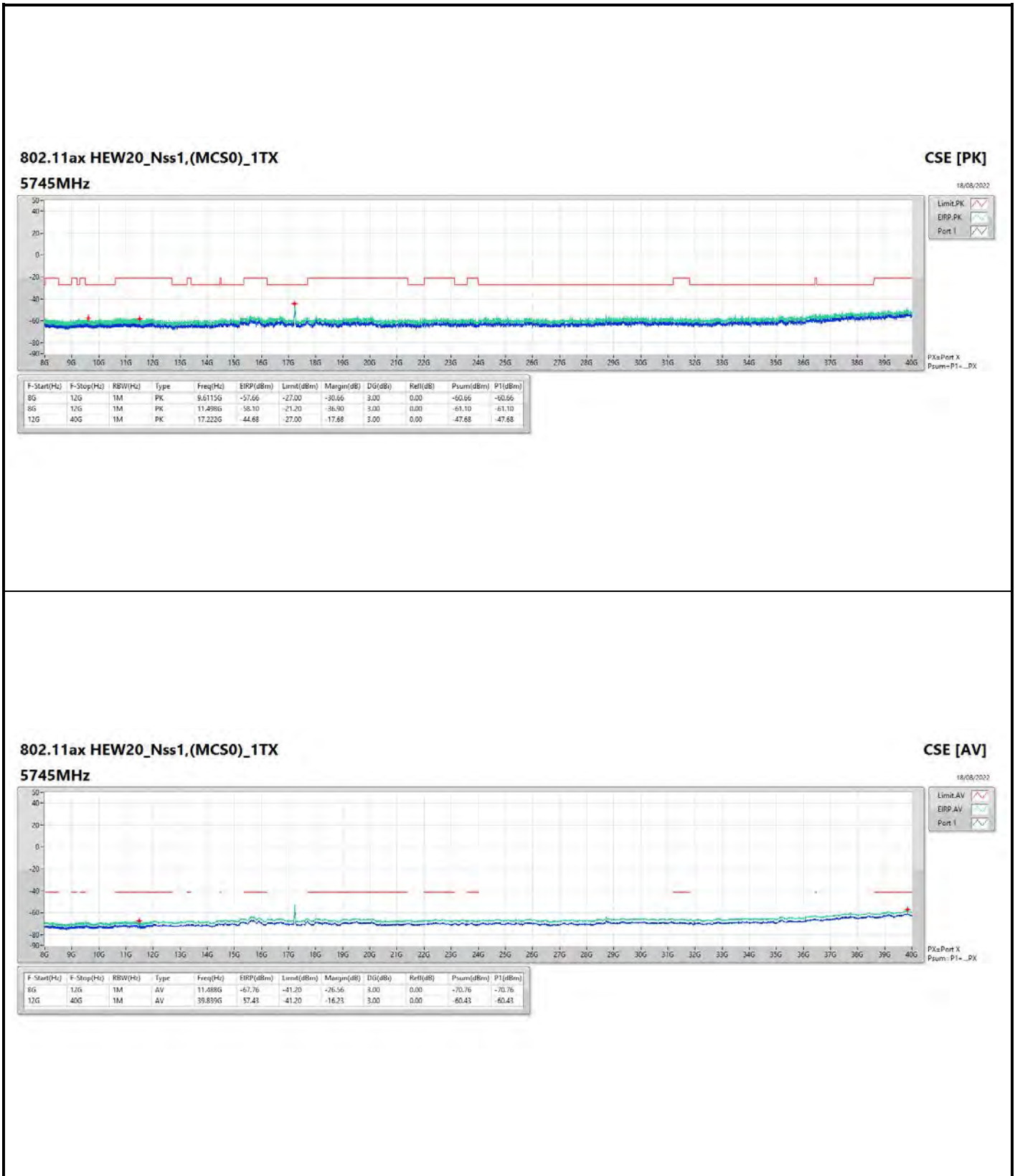


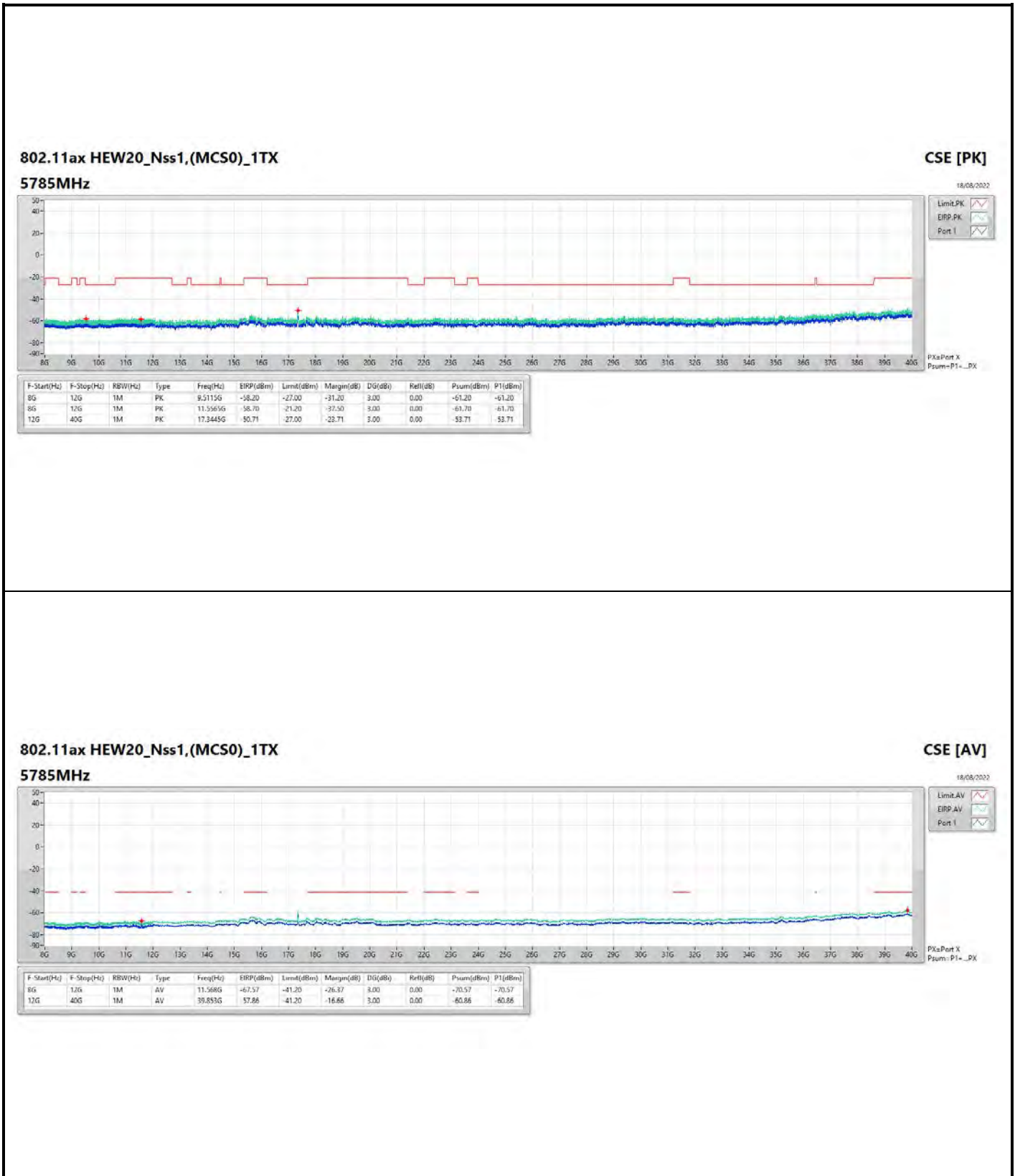


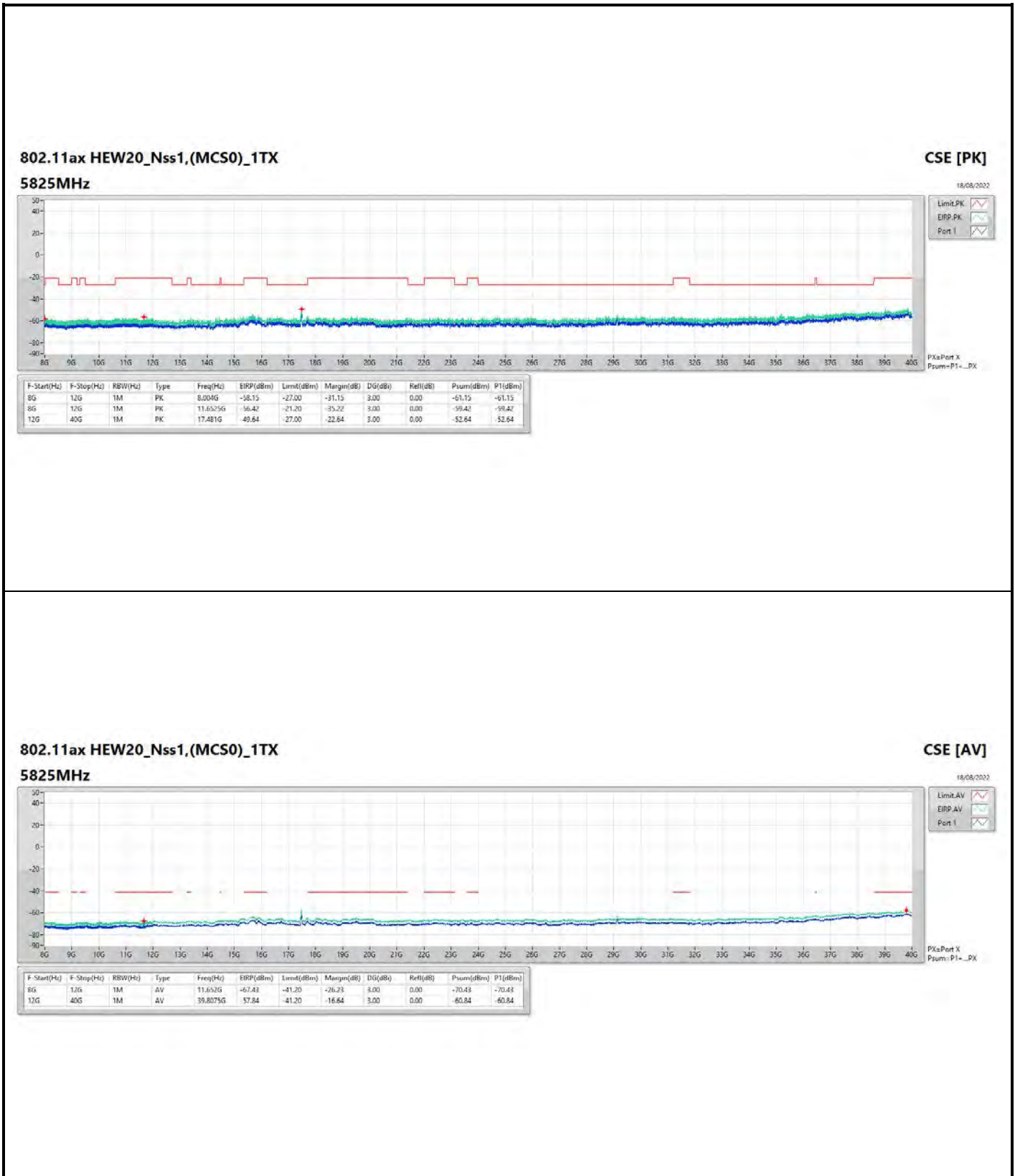






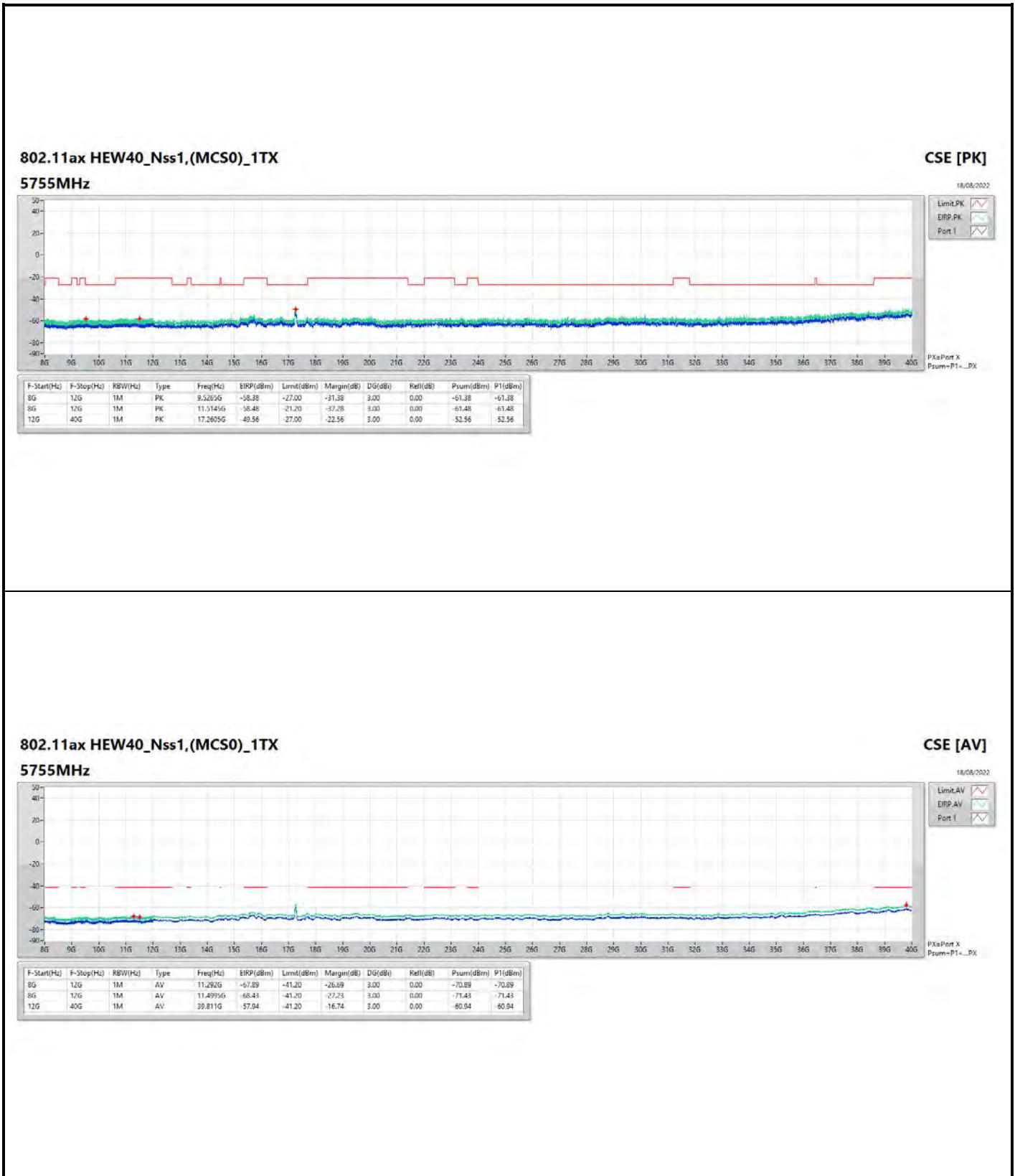


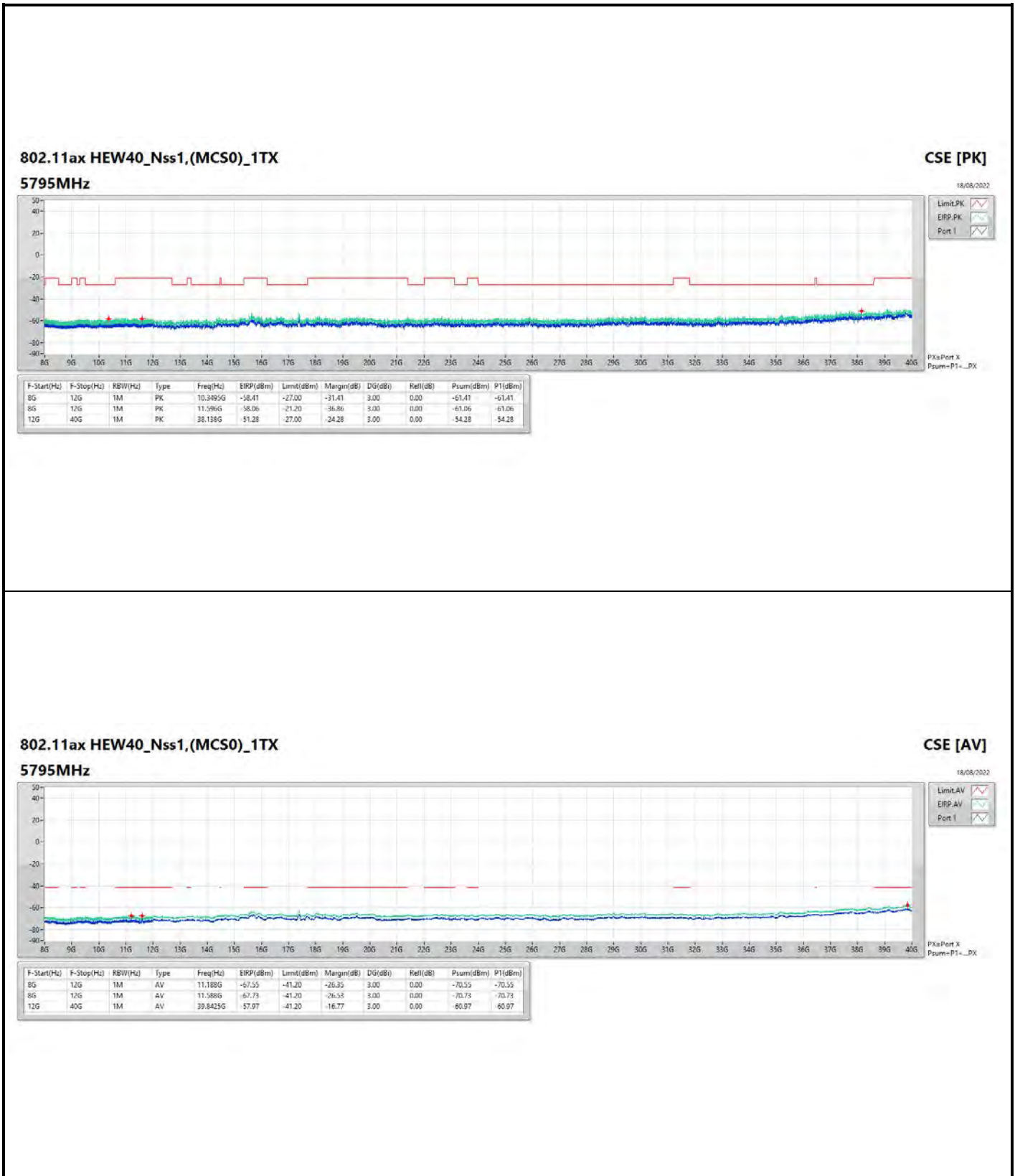


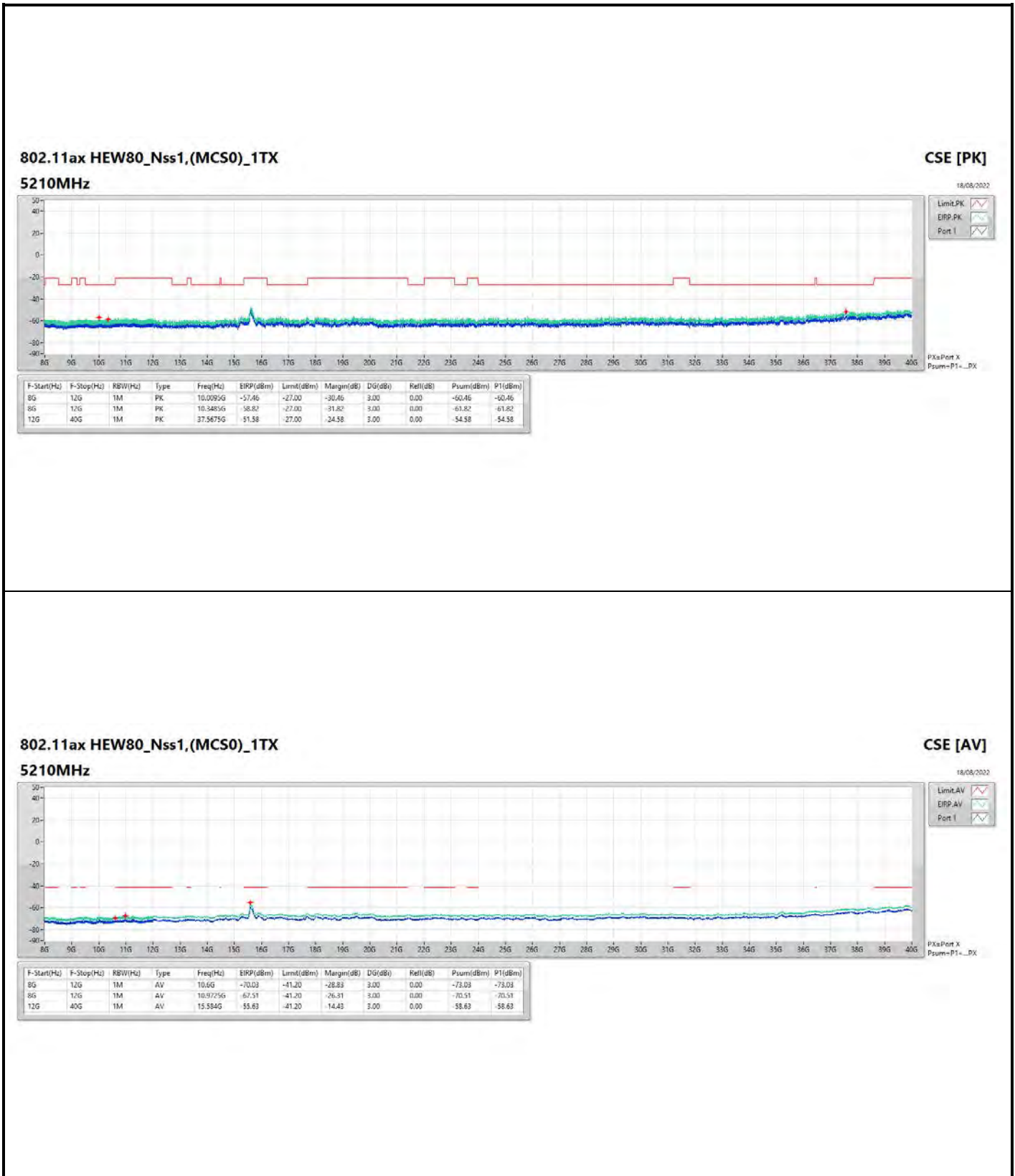


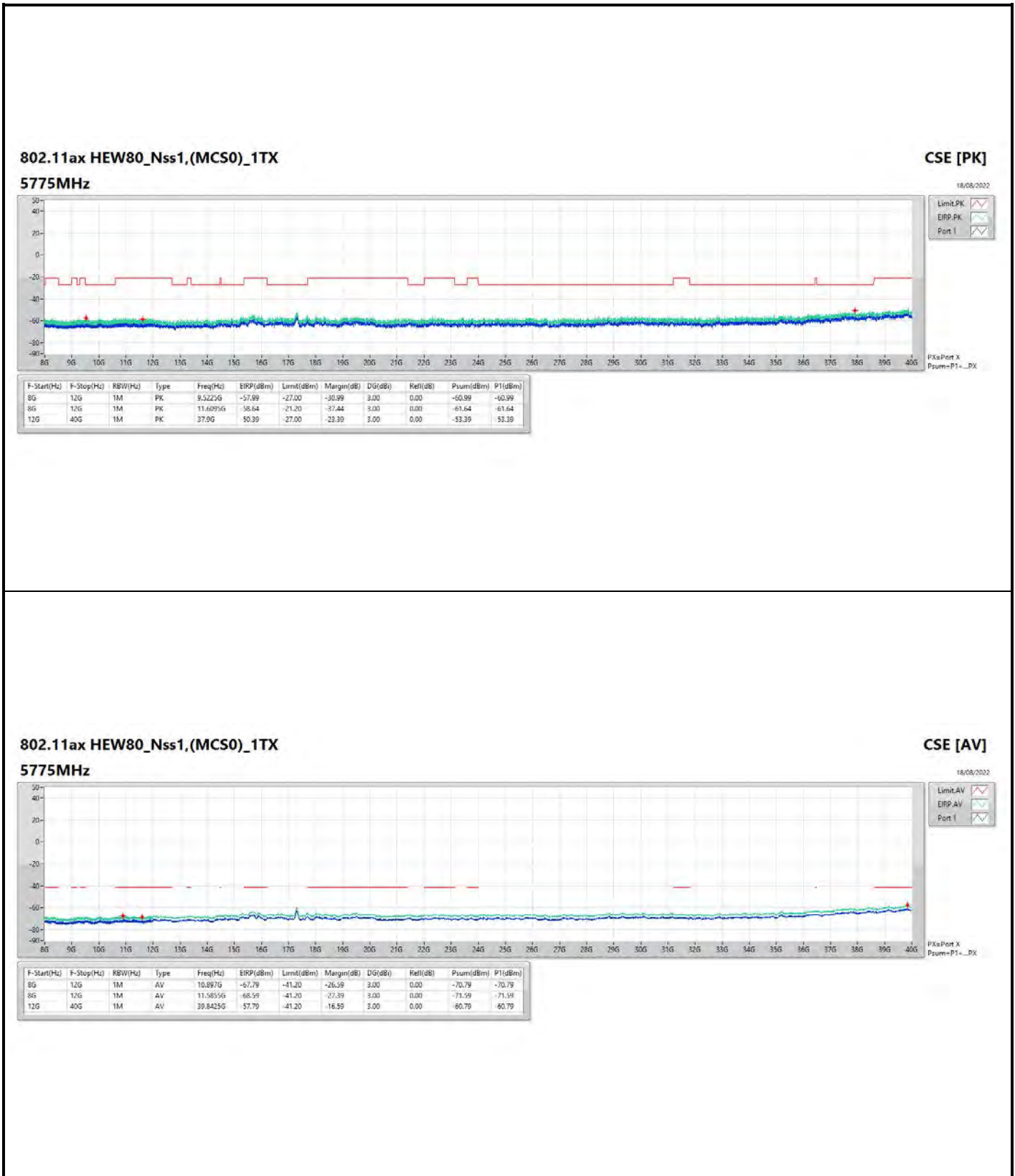














Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	4.9G	5.31G	AV	5.15G	3.00	-51.30	-51.30	-48.30	-41.20	-7.10
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14974G	3.00	-49.35	-49.35	-46.35	-41.20	-5.15
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14928G	3.00	-45.08	-45.08	-42.08	-41.20	-0.88
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14984G	3.00	-44.93	-44.93	-41.93	-41.20	-0.73
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.31G	5.47G	AV	5.41336G	3.00	-59.43	-59.43	-56.43	-41.20	-15.23
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.4252G	3.00	-59.43	-59.43	-56.43	-41.20	-15.23
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.45272G	3.00	-58.61	-58.61	-55.61	-41.20	-14.41
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.47G	5.85G	PK	5.64898G	3.00	-33.62	-33.62	-30.62	-27.00	-3.62

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



CSE_Scanning R3_Antenna set 3 (Bandedge)_P to M

Appendix E.22

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.9G	5.31G	AV	5.15G	3.00	-51.30	-51.30	-48.30	-41.20	-7.10
5180MHz	Pass	5.31G	5.47G	AV	5.42648G	3.00	-59.45	-59.45	-56.45	-41.20	-15.25
5180MHz	Pass	4.9G	5.31G	PK	5.14984G	3.00	-38.66	-38.66	-35.66	-21.20	-14.46
5180MHz	Pass	5.31G	5.47G	PK	5.46776G	3.00	-49.81	-49.81	-46.81	-27.00	-19.81
5180MHz	Pass	5.47G	5.85G	PK	5.71092G	3.00	-46.76	-46.76	-43.76	-27.00	-16.76
5180MHz	Pass	5.85G	6.01G	PK	5.88136G	3.00	-47.64	-47.64	-44.64	-27.00	-17.64
5180MHz	Pass	6.01G	6.5G	PK	6.44733G	3.00	-48.64	-48.64	-45.64	-27.00	-18.64
5200MHz	Pass	4.9G	5.31G	AV	5.14544G	3.00	-59.90	-59.90	-56.90	-41.20	-15.70
5200MHz	Pass	5.31G	5.47G	AV	5.446G	3.00	-59.42	-59.42	-56.42	-41.20	-15.22
5200MHz	Pass	4.9G	5.31G	PK	5.03182G	3.00	-49.10	-49.10	-46.10	-21.20	-24.90
5200MHz	Pass	5.31G	5.47G	PK	5.46104G	3.00	-49.73	-49.73	-46.73	-27.00	-19.73
5200MHz	Pass	5.47G	5.85G	PK	5.81048G	3.00	-47.23	-47.23	-44.23	-27.00	-17.23
5200MHz	Pass	5.85G	6.01G	PK	5.86696G	3.00	-48.49	-48.49	-45.49	-27.00	-18.49
5200MHz	Pass	6.01G	6.5G	PK	6.4706G	3.00	-48.04	-48.04	-45.04	-27.00	-18.04
5240MHz	Pass	4.9G	5.31G	AV	5.1151G	3.00	-60.06	-60.06	-57.06	-41.20	-15.86
5240MHz	Pass	5.31G	5.47G	AV	5.45624G	3.00	-59.08	-59.08	-56.08	-41.20	-14.88
5240MHz	Pass	4.9G	5.31G	PK	5.04724G	3.00	-49.70	-49.70	-46.70	-21.20	-25.50
5240MHz	Pass	5.31G	5.47G	PK	5.46776G	3.00	-49.33	-49.33	-46.33	-27.00	-19.33
5240MHz	Pass	5.47G	5.85G	PK	5.83822G	3.00	-47.22	-47.22	-44.22	-27.00	-17.22
5240MHz	Pass	5.85G	6.01G	PK	5.85192G	3.00	-47.84	-47.84	-44.84	-27.00	-17.84
5240MHz	Pass	6.01G	6.5G	PK	6.43967G	3.00	-48.16	-48.16	-45.16	-27.00	-18.16
5745MHz	Pass	4.9G	5.31G	AV	5.14595G	3.00	-60.64	-60.64	-57.64	-41.20	-16.44
5745MHz	Pass	5.31G	5.47G	AV	5.45016G	3.00	-59.60	-59.60	-56.60	-41.20	-15.40
5745MHz	Pass	4.9G	5.31G	PK	5.22744G	3.00	-49.43	-49.43	-46.43	-27.00	-19.43
5745MHz	Pass	5.31G	5.47G	PK	5.46104G	3.00	-49.29	-49.29	-46.29	-27.00	-19.29
5745MHz	Pass	5.47G	5.85G	PK	5.64556G	3.00	-48.22	-48.22	-45.22	-27.00	-18.22
5745MHz	Pass	5.85G	6.01G	PK	5.9972G	3.00	-48.17	-48.17	-45.17	-27.00	-18.17
5745MHz	Pass	6.01G	6.5G	PK	6.06335G	3.00	-48.80	-48.80	-45.80	-27.00	-18.80
5785MHz	Pass	4.9G	5.31G	AV	5.13293G	3.00	-60.49	-60.49	-57.49	-41.20	-16.29
5785MHz	Pass	5.31G	5.47G	AV	5.41336G	3.00	-59.43	-59.43	-56.43	-41.20	-15.23
5785MHz	Pass	4.9G	5.31G	PK	5.22267G	3.00	-49.84	-49.84	-46.84	-27.00	-19.84
5785MHz	Pass	5.31G	5.47G	PK	5.46648G	3.00	-48.52	-48.52	-45.52	-27.00	-18.52
5785MHz	Pass	5.47G	5.85G	PK	5.65012G	3.00	-47.30	-47.30	-44.30	-26.91	-17.39
5785MHz	Pass	5.85G	6.01G	PK	5.96264G	3.00	-47.85	-47.85	-44.85	-27.00	-17.85
5785MHz	Pass	6.01G	6.5G	PK	6.41205G	3.00	-47.52	-47.52	-44.52	-27.00	-17.52
5825MHz	Pass	4.9G	5.31G	AV	5.12934G	3.00	-60.10	-60.10	-57.10	-41.20	-15.90
5825MHz	Pass	5.31G	5.47G	AV	5.45048G	3.00	-59.59	-59.59	-56.59	-41.20	-15.39
5825MHz	Pass	4.9G	5.31G	PK	5.19904G	3.00	-49.64	-49.64	-46.64	-27.00	-19.64
5825MHz	Pass	5.31G	5.47G	PK	5.46104G	3.00	-49.05	-49.05	-46.05	-27.00	-19.05
5825MHz	Pass	5.47G	5.85G	PK	5.61174G	3.00	-49.03	-49.03	-46.03	-27.00	-19.03
5825MHz	Pass	5.85G	6.01G	PK	5.96488G	3.00	-47.46	-47.46	-44.46	-27.00	-17.46
5825MHz	Pass	6.01G	6.5G	PK	6.13317G	3.00	-48.92	-48.92	-45.92	-27.00	-18.92
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.9G	5.31G	AV	5.14974G	3.00	-49.35	-49.35	-46.35	-41.20	-5.15
5180MHz	Pass	5.31G	5.47G	AV	5.37144G	3.00	-59.44	-59.44	-56.44	-41.20	-15.24
5180MHz	Pass	4.9G	5.31G	PK	5.14954G	3.00	-36.57	-36.57	-33.57	-21.20	-12.37
5180MHz	Pass	5.31G	5.47G	PK	5.46616G	3.00	-48.95	-48.95	-45.95	-27.00	-18.95
5180MHz	Pass	5.47G	5.85G	PK	5.7835G	3.00	-47.88	-47.88	-44.88	-27.00	-17.88
5180MHz	Pass	5.85G	6.01G	PK	5.88936G	3.00	-47.72	-47.72	-44.72	-27.00	-17.72
5180MHz	Pass	6.01G	6.5G	PK	6.40702G	3.00	-48.23	-48.23	-45.23	-27.00	-18.23
5200MHz	Pass	4.9G	5.31G	AV	5.14913G	3.00	-59.20	-59.20	-56.20	-41.20	-15.00
5200MHz	Pass	5.31G	5.47G	AV	5.3772G	3.00	-59.49	-59.49	-56.49	-41.20	-15.29
5200MHz	Pass	4.9G	5.31G	PK	5.14979G	3.00	-47.97	-47.97	-44.97	-21.20	-23.77
5200MHz	Pass	5.31G	5.47G	PK	5.46648G	3.00	-49.17	-49.17	-46.17	-27.00	-19.17
5200MHz	Pass	5.47G	5.85G	PK	5.8082G	3.00	-47.00	-47.00	-44.00	-27.00	-17.00
5200MHz	Pass	5.85G	6.01G	PK	5.86056G	3.00	-47.64	-47.64	-44.64	-27.00	-17.64
5200MHz	Pass	6.01G	6.5G	PK	6.35876G	3.00	-47.79	-47.79	-44.79	-27.00	-17.79
5240MHz	Pass	4.9G	5.31G	AV	5.11704G	3.00	-59.75	-59.75	-56.75	-41.20	-15.55
5240MHz	Pass	5.31G	5.47G	AV	5.39512G	3.00	-59.50	-59.50	-56.50	-41.20	-15.30
5240MHz	Pass	4.9G	5.31G	PK	5.11325G	3.00	-49.67	-49.67	-46.67	-21.20	-25.47
5240MHz	Pass	5.31G	5.47G	PK	5.46968G	3.00	-49.73	-49.73	-46.73	-27.00	-19.73
5240MHz	Pass	5.47G	5.85G	PK	5.7379G	3.00	-47.52	-47.52	-44.52	-27.00	-17.52
5240MHz	Pass	5.85G	6.01G	PK	5.90568G	3.00	-46.94	-46.94	-43.94	-27.00	-16.94
5240MHz	Pass	6.01G	6.5G	PK	6.48775G	3.00	-48.45	-48.45	-45.45	-27.00	-18.45
5745MHz	Pass	4.9G	5.31G	AV	5.11638G	3.00	-60.49	-60.49	-57.49	-41.20	-16.29
5745MHz	Pass	5.31G	5.47G	AV	5.4252G	3.00	-59.43	-59.43	-56.43	-41.20	-15.23
5745MHz	Pass	4.9G	5.31G	PK	5.28284G	3.00	-49.72	-49.72	-46.72	-27.00	-19.72
5745MHz	Pass	5.31G	5.47G	PK	5.46264G	3.00	-48.62	-48.62	-45.62	-27.00	-18.62



CSE_Scanning R3_Antenna set 3 (Bandedge)_P to M

Appendix E.22

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	5.47G	5.85G	PK	5.6125G	3.00	-48.27	-48.27	-45.27	-27.00	-18.27
5745MHz	Pass	5.85G	6.01G	PK	5.95496G	3.00	-47.69	-47.69	-44.69	-27.00	-17.69
5745MHz	Pass	6.01G	6.5G	PK	6.08626G	3.00	-48.29	-48.29	-45.29	-27.00	-18.29
5785MHz	Pass	4.9G	5.31G	AV	5.10874G	3.00	-60.26	-60.26	-57.26	-41.20	-16.06
5785MHz	Pass	5.31G	5.47G	AV	5.40472G	3.00	-59.64	-59.64	-56.64	-41.20	-15.44
5785MHz	Pass	4.9G	5.31G	PK	5.19202G	3.00	-49.92	-49.92	-46.92	-27.00	-19.92
5785MHz	Pass	5.31G	5.47G	PK	5.46104G	3.00	-49.36	-49.36	-46.36	-27.00	-19.36
5785MHz	Pass	5.47G	5.85G	PK	5.64556G	3.00	-47.95	-47.95	-44.95	-27.00	-17.95
5785MHz	Pass	5.85G	6.01G	PK	5.93224G	3.00	-47.32	-47.32	-44.32	-27.00	-17.32
5785MHz	Pass	6.01G	6.5G	PK	6.10071G	3.00	-47.98	-47.98	-44.98	-27.00	-17.98
5825MHz	Pass	4.9G	5.31G	AV	5.10515G	3.00	-60.47	-60.47	-57.47	-41.20	-16.27
5825MHz	Pass	5.31G	5.47G	AV	5.4588G	3.00	-59.60	-59.60	-56.60	-41.20	-15.40
5825MHz	Pass	4.9G	5.31G	PK	5.21124G	3.00	-49.79	-49.79	-46.79	-27.00	-19.79
5825MHz	Pass	5.31G	5.47G	PK	5.3404G	3.00	-49.45	-49.45	-46.45	-27.00	-19.45
5825MHz	Pass	5.47G	5.85G	PK	5.61592G	3.00	-48.00	-48.00	-45.00	-27.00	-18.00
5825MHz	Pass	5.85G	6.01G	PK	6.00136G	3.00	-47.71	-47.71	-44.71	-27.00	-17.71
5825MHz	Pass	6.01G	6.5G	PK	6.3568G	3.00	-48.23	-48.23	-45.23	-27.00	-18.23
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.9G	5.31G	AV	5.14928G	3.00	-45.08	-45.08	-42.08	-41.20	-0.88
5190MHz	Pass	5.31G	5.47G	AV	5.3788G	3.00	-59.22	-59.22	-56.22	-41.20	-15.02
5190MHz	Pass	4.9G	5.31G	PK	5.14984G	3.00	-33.33	-33.33	-30.33	-21.20	-9.13
5190MHz	Pass	5.31G	5.47G	PK	5.47G	3.00	-49.92	-49.92	-46.92	-27.00	-19.92
5190MHz	Pass	5.47G	5.85G	PK	5.80022G	3.00	-47.16	-47.16	-44.16	-27.00	-17.16
5190MHz	Pass	5.85G	6.01G	PK	5.86696G	3.00	-47.82	-47.82	-44.82	-27.00	-17.82
5190MHz	Pass	6.01G	6.5G	PK	6.33107G	3.00	-48.01	-48.01	-45.01	-27.00	-18.01
5230MHz	Pass	4.9G	5.31G	AV	5.14769G	3.00	-59.13	-59.13	-56.13	-41.20	-14.93
5230MHz	Pass	5.31G	5.47G	AV	5.39224G	3.00	-59.16	-59.16	-56.16	-41.20	-14.96
5230MHz	Pass	4.9G	5.31G	PK	5.14943G	3.00	-48.46	-48.46	-45.46	-21.20	-24.26
5230MHz	Pass	5.31G	5.47G	PK	5.46072G	3.00	-48.99	-48.99	-45.99	-27.00	-18.99
5230MHz	Pass	5.47G	5.85G	PK	5.7702G	3.00	-47.10	-47.10	-44.10	-27.00	-17.10
5230MHz	Pass	5.85G	6.01G	PK	5.88712G	3.00	-47.75	-47.75	-44.75	-27.00	-17.75
5230MHz	Pass	6.01G	6.5G	PK	6.28477G	3.00	-47.99	-47.99	-44.99	-27.00	-17.99
5755MHz	Pass	4.9G	5.31G	AV	5.01265G	3.00	-59.93	-59.93	-56.93	-41.20	-15.73
5755MHz	Pass	5.31G	5.47G	AV	5.45336G	3.00	-59.52	-59.52	-56.52	-41.20	-15.32
5755MHz	Pass	4.9G	5.31G	PK	5.15312G	3.00	-48.86	-48.86	-45.86	-27.00	-18.86
5755MHz	Pass	5.31G	5.47G	PK	5.32024G	3.00	-48.94	-48.94	-45.94	-27.00	-18.94
5755MHz	Pass	5.47G	5.85G	PK	5.64974G	3.00	-46.14	-46.14	-43.14	-27.00	-16.14
5755MHz	Pass	5.85G	6.01G	PK	5.94728G	3.00	-47.60	-47.60	-44.60	-27.00	-17.60
5755MHz	Pass	6.01G	6.5G	PK	6.4589G	3.00	-48.16	-48.16	-45.16	-27.00	-18.16
5795MHz	Pass	4.9G	5.31G	AV	5.07164G	3.00	-60.42	-60.42	-57.42	-41.20	-16.22
5795MHz	Pass	5.31G	5.47G	AV	5.45272G	3.00	-58.61	-58.61	-55.61	-41.20	-14.41
5795MHz	Pass	4.9G	5.31G	PK	5.16952G	3.00	-49.79	-49.79	-46.79	-27.00	-19.79
5795MHz	Pass	5.31G	5.47G	PK	5.3228G	3.00	-49.05	-49.05	-46.05	-27.00	-19.05
5795MHz	Pass	5.47G	5.85G	PK	5.6429G	3.00	-47.21	-47.21	-44.21	-27.00	-17.21
5795MHz	Pass	5.85G	6.01G	PK	5.93352G	3.00	-47.15	-47.15	-44.15	-27.00	-17.15
5795MHz	Pass	6.01G	6.5G	PK	6.12809G	3.00	-48.29	-48.29	-45.29	-27.00	-18.29
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.9G	5.31G	AV	5.14984G	3.00	-44.93	-44.93	-41.93	-41.20	-0.73
5210MHz	Pass	5.31G	5.47G	AV	5.35544G	3.00	-56.17	-56.17	-53.17	-41.20	-11.97
5210MHz	Pass	4.9G	5.31G	PK	5.1479G	3.00	-30.57	-30.57	-27.57	-21.20	-6.37
5210MHz	Pass	5.31G	5.47G	PK	5.3516G	3.00	-43.38	-43.38	-40.38	-21.20	-19.18
5210MHz	Pass	5.47G	5.85G	PK	5.83708G	3.00	-47.90	-47.90	-44.90	-27.00	-17.90
5210MHz	Pass	5.85G	6.01G	PK	5.88936G	3.00	-46.79	-46.79	-43.79	-27.00	-16.79
5210MHz	Pass	6.01G	6.5G	PK	6.12497G	3.00	-47.88	-47.88	-44.88	-27.00	-17.88
5775MHz	Pass	4.9G	5.31G	AV	5.11212G	3.00	-59.82	-59.82	-56.82	-41.20	-15.62
5775MHz	Pass	5.31G	5.47G	AV	5.41624G	3.00	-59.45	-59.45	-56.45	-41.20	-15.25
5775MHz	Pass	4.9G	5.31G	PK	5.25234G	3.00	-49.97	-49.97	-46.97	-27.00	-19.97
5775MHz	Pass	5.31G	5.47G	PK	5.34936G	3.00	-49.65	-49.65	-46.65	-27.00	-19.65
5775MHz	Pass	5.47G	5.85G	PK	5.64898G	3.00	-33.62	-33.62	-30.62	-27.00	-3.62
5775MHz	Pass	5.85G	6.01G	PK	5.92584G	3.00	-38.88	-38.88	-35.88	-27.00	-8.88
5775MHz	Pass	6.01G	6.5G	PK	6.41419G	3.00	-48.00	-48.00	-45.00	-27.00	-18.00

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

