

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz

CSE Other [AV]

24/08/2022



CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

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	22.0835G	18.53	-83.69				-83.69	-65.16	-41.20	-23.96
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.0555G	18.53	-83.86				-83.86	-65.33	-41.20	-24.13
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.15G	18.53	-83.47				-83.47	-64.94	-41.20	-23.74
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.15G	18.53	-83.78				-83.78	-65.25	-41.20	-24.05
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	22.0625G	18.53	-83.64	-84.27			-80.93	-62.40	-41.20	-21.20
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	22.073G	18.53	-83.89	-84.07			-80.97	-62.44	-41.20	-21.24
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	22.0765G	18.53	-84.24	-83.83			-81.02	-62.49	-41.20	-21.29
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	22.0695G	18.53	-84.44	-83.96			-81.18	-62.65	-41.20	-21.45
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	22.0135G	18.53	-84.11	-84.59	-84.15	-83.66	-78.09	-59.56	-41.20	-18.36
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.08G	18.53	-84.30	-83.87	-84.02	-84.50	-78.15	-59.62	-41.20	-18.42
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.094G	18.53	-84.66	-83.52	-84.46	-84.41	-78.22	-59.69	-41.20	-18.49
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.171G	18.53	-84.24	-84.89	-83.58	-84.04	-78.14	-59.61	-41.20	-18.41
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	8G	12G	AV	11.57G	18.53	-80.76				-80.76	-62.23	-41.20	-21.03
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	8G	12G	AV	11.65G	18.53	-78.15				-78.15	-59.62	-41.20	-18.42
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	8G	12G	AV	11.5965G	18.53	-81.87				-81.87	-63.34	-41.20	-22.14
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.1465G	18.53	-83.79				-83.79	-65.26	-41.20	-24.06
802.11a_Nss1,(6Mbps)_2TX	Pass	8G	12G	AV	11.568G	18.53	-84.96	-82.28			-80.41	-61.88	-41.20	-20.68
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	8G	12G	AV	11.4915G	18.53	-81.41	-85.52			-79.99	-61.46	-41.20	-20.26
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	22.024G	18.53	-83.72	-84.25			-80.97	-62.44	-41.20	-21.24
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	22.0135G	18.53	-84.22	-84.41			-81.30	-62.77	-41.20	-21.57
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	22.038G	18.53	-84.58	-83.69	-84.46	-84.01	-78.15	-59.62	-41.20	-18.42
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.0275G	18.53	-84.15	-84.99	-84.22	-83.60	-78.19	-59.66	-41.20	-18.46
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.143G	18.53	-84.02	-83.10	-84.59	-84.69	-78.03	-59.50	-41.20	-18.30
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	22.143G	18.53	-84.56	-82.60	-84.37	-84.90	-77.99	-59.46	-41.20	-18.26

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



CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	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	8.494G	18.53	-84.27				-84.27	-65.74	-41.20	-24.54
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-86.08				-86.08	-67.55	-41.20	-26.35
5180MHz	Pass	12G	40G	AV	22.164G	18.53	-83.78				-83.78	-65.25	-41.20	-24.05
5180MHz	Pass	8G	12G	PK	8.781G	18.53	-72.18				-72.18	-53.65	-27.00	-26.65
5180MHz	Pass	8G	12G	PK	10.364G	18.53	-73.88				-73.88	-55.35	-27.00	-28.35
5180MHz	Pass	12G	40G	PK	21.84263G	18.53	-74.42				-74.42	-55.89	-27.00	-28.89
5200MHz	Pass	8G	12G	AV	8.479G	18.53	-83.94				-83.94	-65.41	-41.20	-24.21
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.32				-86.32	-67.79	-41.20	-26.59
5200MHz	Pass	12G	40G	AV	22.0835G	18.53	-83.69				-83.69	-65.16	-41.20	-23.96
5200MHz	Pass	8G	12G	PK	10.4005G	18.53	-71.19				-71.19	-52.66	-27.00	-25.66
5200MHz	Pass	12G	40G	PK	21.716G	18.53	-73.71				-73.71	-55.18	-27.00	-28.18
5240MHz	Pass	8G	12G	AV	8.4495G	18.53	-84.16				-84.16	-65.63	-41.20	-24.43
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.02				-86.02	-67.49	-41.20	-26.29
5240MHz	Pass	12G	40G	AV	22.01G	18.53	-83.87				-83.87	-65.34	-41.20	-24.14
5240MHz	Pass	8G	12G	PK	8.5275G	18.53	-72.76				-72.76	-54.23	-27.00	-27.23
5240MHz	Pass	8G	12G	PK	10.4695G	18.53	-75.04				-75.04	-56.51	-27.00	-29.51
5240MHz	Pass	12G	40G	PK	21.5655G	18.53	-74.27				-74.27	-55.74	-27.00	-28.74
5745MHz	Pass	8G	12G	AV	11.495G	18.53	-82.95				-82.95	-64.42	-41.20	-23.22
5745MHz	Pass	12G	40G	AV	38.9395G	18.53	-83.94				-83.94	-65.41	-41.20	-24.21
5745MHz	Pass	8G	12G	PK	8.6035G	18.53	-72.41				-72.41	-53.88	-27.00	-26.88
5745MHz	Pass	8G	12G	PK	11.4915G	18.53	-73.10				-73.10	-54.57	-21.20	-33.37
5745MHz	Pass	12G	40G	PK	21.6355G	18.53	-74.49				-74.49	-55.96	-27.00	-28.96
5785MHz	Pass	8G	12G	AV	11.57G	18.53	-80.76				-80.76	-62.23	-41.20	-21.03
5785MHz	Pass	12G	40G	AV	22.0625G	18.53	-83.79				-83.79	-65.26	-41.20	-24.06
5785MHz	Pass	8G	12G	PK	8.823G	18.53	-72.40				-72.40	-53.87	-27.00	-26.87
5785MHz	Pass	8G	12G	PK	11.579G	18.53	-72.23				-72.23	-53.70	-21.20	-32.50
5785MHz	Pass	12G	40G	PK	21.618G	18.53	-74.54				-74.54	-56.01	-27.00	-29.01
5825MHz	Pass	8G	12G	AV	11.652G	18.53	-82.46				-82.46	-63.93	-41.20	-22.73
5825MHz	Pass	12G	40G	AV	39.0095G	18.53	-84.05				-84.05	-65.52	-41.20	-24.32
5825MHz	Pass	8G	12G	PK	8.5075G	18.53	-72.55				-72.55	-54.02	-27.00	-27.02
5825MHz	Pass	8G	12G	PK	11.651G	18.53	-71.64				-71.64	-53.11	-21.20	-31.91
5825MHz	Pass	12G	40G	PK	33.1925G	18.53	-73.90				-73.90	-55.37	-27.00	-28.37
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.487G	18.53	-84.03				-84.03	-65.50	-41.20	-24.30
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-86.24				-86.24	-67.71	-41.20	-26.51
5180MHz	Pass	12G	40G	AV	22.0555G	18.53	-83.86				-83.86	-65.33	-41.20	-24.13
5180MHz	Pass	8G	12G	PK	10.358G	18.53	-71.81				-71.81	-53.28	-27.00	-26.28
5180MHz	Pass	12G	40G	PK	32.6395G	18.53	-74.29				-74.29	-55.76	-27.00	-28.76
5200MHz	Pass	8G	12G	AV	8.4885G	18.53	-84.34				-84.34	-65.81	-41.20	-24.61
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.39				-86.39	-67.86	-41.20	-26.66
5200MHz	Pass	12G	40G	AV	38.873G	18.53	-83.95				-83.95	-65.42	-41.20	-24.22
5200MHz	Pass	8G	12G	PK	10.395G	18.53	-70.52				-70.52	-51.99	-27.00	-24.99
5200MHz	Pass	12G	40G	PK	21.59G	18.53	-74.50				-74.50	-55.97	-27.00	-28.97
5240MHz	Pass	8G	12G	AV	8.4645G	18.53	-84.11				-84.11	-65.58	-41.20	-24.38
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.88				-86.88	-68.35	-41.20	-27.15
5240MHz	Pass	12G	40G	AV	22.0415G	18.53	-84.01				-84.01	-65.48	-41.20	-24.28
5240MHz	Pass	8G	12G	PK	8.774G	18.53	-72.92				-72.92	-54.39	-27.00	-27.39
5240MHz	Pass	8G	12G	PK	10.48G	18.53	-73.77				-73.77	-55.24	-27.00	-28.24
5240MHz	Pass	12G	40G	PK	32.727G	18.53	-74.31				-74.31	-55.78	-27.00	-28.78
5745MHz	Pass	8G	12G	AV	11.4875G	18.53	-78.55				-78.55	-60.02	-41.20	-18.82
5745MHz	Pass	12G	40G	AV	22.178G	18.53	-83.84				-83.84	-65.31	-41.20	-24.11
5745MHz	Pass	8G	12G	PK	8.6475G	18.53	-72.47				-72.47	-53.94	-27.00	-26.94
5745MHz	Pass	8G	12G	PK	11.489G	18.53	-67.42				-67.42	-48.89	-21.20	-27.69
5745MHz	Pass	12G	40G	PK	21.9785G	18.53	-73.42				-73.42	-54.89	-27.00	-27.89
5785MHz	Pass	8G	12G	AV	11.5685G	18.53	-81.58				-81.58	-63.05	-41.20	-21.85
5785MHz	Pass	12G	40G	AV	22.031G	18.53	-83.59				-83.59	-65.06	-41.20	-23.86
5785MHz	Pass	8G	12G	PK	8.67G	18.53	-72.61				-72.61	-54.08	-27.00	-27.08
5785MHz	Pass	8G	12G	PK	11.577G	18.53	-71.30				-71.30	-52.77	-21.20	-31.57
5785MHz	Pass	12G	40G	PK	21.6215G	18.53	-73.55				-73.55	-55.02	-27.00	-28.02
5825MHz	Pass	8G	12G	AV	11.65G	18.53	-78.15				-78.15	-59.62	-41.20	-18.42
5825MHz	Pass	12G	40G	AV	22.038G	18.53	-83.89				-83.89	-65.36	-41.20	-24.16
5825MHz	Pass	8G	12G	PK	8.668G	18.53	-71.39				-71.39	-52.86	-27.00	-25.86
5825MHz	Pass	8G	12G	PK	11.6535G	18.53	-68.99				-68.99	-50.46	-21.20	-29.26
5825MHz	Pass	12G	40G	PK	23.3925G	18.53	-74.15				-74.15	-55.62	-27.00	-28.62
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	8.4805G	18.53	-84.30				-84.30	-65.77	-41.20	-24.57
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-86.61				-86.61	-68.08	-41.20	-26.88
5190MHz	Pass	12G	40G	AV	22.185G	18.53	-83.74				-83.74	-65.21	-41.20	-24.01



CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	8G	12G	PK	8.7405G	18.53	-71.82				-71.82	-53.29	-27.00	-26.29
5190MHz	Pass	8G	12G	PK	10.3845G	18.53	-73.28				-73.28	-54.75	-27.00	-27.75
5190MHz	Pass	12G	40G	PK	21.6145G	18.53	-74.47				-74.47	-55.94	-27.00	-28.94
5230MHz	Pass	8G	12G	AV	8.4855G	18.53	-83.87				-83.87	-65.34	-41.20	-24.14
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-86.96				-86.96	-68.43	-41.20	-27.23
5230MHz	Pass	12G	40G	AV	22.15G	18.53	-83.47				-83.47	-64.94	-41.20	-23.74
5230MHz	Pass	8G	12G	PK	8.803G	18.53	-72.56				-72.56	-54.03	-27.00	-27.03
5230MHz	Pass	8G	12G	PK	10.473G	18.53	-74.47				-74.47	-55.94	-27.00	-28.94
5230MHz	Pass	12G	40G	PK	32.8215G	18.53	-74.11				-74.11	-55.58	-27.00	-28.58
5755MHz	Pass	8G	12G	AV	11.5125G	18.53	-83.95				-83.95	-65.42	-41.20	-24.22
5755MHz	Pass	12G	40G	AV	22.024G	18.53	-83.39				-83.39	-64.86	-41.20	-23.66
5755MHz	Pass	8G	12G	PK	8.6275G	18.53	-72.34				-72.34	-53.81	-27.00	-26.81
5755MHz	Pass	8G	12G	PK	11.5035G	18.53	-74.64				-74.64	-56.11	-21.20	-34.91
5755MHz	Pass	12G	40G	PK	23.137G	18.53	-74.21				-74.21	-55.68	-27.00	-28.68
5795MHz	Pass	8G	12G	AV	11.5965G	18.53	-81.87				-81.87	-63.34	-41.20	-22.14
5795MHz	Pass	12G	40G	AV	22.0555G	18.53	-83.70				-83.70	-65.17	-41.20	-23.97
5795MHz	Pass	8G	12G	PK	8.7685G	18.53	-73.16				-73.16	-54.63	-27.00	-27.63
5795MHz	Pass	8G	12G	PK	11.584G	18.53	-72.61				-72.61	-54.08	-21.20	-32.88
5795MHz	Pass	12G	40G	PK	32.8985G	18.53	-74.54				-74.54	-56.01	-27.00	-29.01
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	8.492G	18.53	-83.83				-83.83	-65.30	-41.20	-24.10
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-86.57				-86.57	-68.04	-41.20	-26.84
5210MHz	Pass	12G	40G	AV	22.15G	18.53	-83.78				-83.78	-65.25	-41.20	-24.05
5210MHz	Pass	8G	12G	PK	8.697G	18.53	-72.55				-72.55	-54.02	-27.00	-27.02
5210MHz	Pass	8G	12G	PK	10.445G	18.53	-73.91				-73.91	-55.38	-27.00	-28.38
5210MHz	Pass	12G	40G	PK	21.737G	18.53	-74.63				-74.63	-56.10	-27.00	-29.10
5775MHz	Pass	8G	12G	AV	8.4955G	18.53	-84.07				-84.07	-65.54	-41.20	-24.34
5775MHz	Pass	8G	12G	AV	11.517G	18.53	-85.05				-85.05	-66.52	-41.20	-25.32
5775MHz	Pass	12G	40G	AV	22.1465G	18.53	-83.79				-83.79	-65.26	-41.20	-24.06
5775MHz	Pass	8G	12G	PK	8.6145G	18.53	-71.57				-71.57	-53.04	-27.00	-26.04
5775MHz	Pass	8G	12G	PK	11.565G	18.53	-75.60				-75.60	-57.07	-21.20	-35.87
5775MHz	Pass	12G	40G	PK	38.1905G	18.53	-73.67				-73.67	-55.14	-27.00	-28.14
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.485G	18.53	-83.99	-84.53			-81.24	-62.71	-41.20	-21.51
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-86.48	-86.58			-83.52	-64.99	-41.20	-23.79
5180MHz	Pass	12G	40G	AV	22.0835G	18.53	-83.51	-84.55			-80.99	-62.46	-41.20	-21.26
5180MHz	Pass	8G	12G	PK	8.638G	18.53	-72.20	-73.67			-69.86	-51.33	-27.00	-24.33
5180MHz	Pass	8G	12G	PK	10.3685G	18.53	-75.52	-73.79			-71.56	-53.03	-27.00	-26.03
5180MHz	Pass	12G	40G	PK	32.8705G	18.53	-73.18	-78.82			-72.13	-53.60	-27.00	-26.60
5200MHz	Pass	8G	12G	AV	8.4925G	18.53	-84.85	-83.87			-81.32	-62.79	-41.20	-21.59
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.60	-87.04			-83.80	-65.27	-41.20	-24.07
5200MHz	Pass	12G	40G	AV	22.0625G	18.53	-83.64	-84.27			-80.93	-62.40	-41.20	-21.20
5200MHz	Pass	8G	12G	PK	8.7315G	18.53	-71.64	-74.96			-69.98	-51.45	-27.00	-24.45
5200MHz	Pass	8G	12G	PK	10.4015G	18.53	-76.23	-73.44			-71.60	-53.07	-27.00	-26.07
5200MHz	Pass	12G	40G	PK	21.9155G	18.53	-73.28	-76.89			-71.71	-53.18	-27.00	-26.18
5240MHz	Pass	8G	12G	AV	8.5G	18.53	-83.88	-84.92			-81.36	-62.83	-41.20	-21.63
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.35	-86.41			-83.37	-64.84	-41.20	-23.64
5240MHz	Pass	12G	40G	AV	22.171G	18.53	-84.21	-84.10			-81.14	-62.61	-41.20	-21.41
5240MHz	Pass	8G	12G	PK	8.6785G	18.53	-72.39	-74.52			-70.32	-51.79	-27.00	-24.79
5240MHz	Pass	8G	12G	PK	10.482G	18.53	-76.47	-73.34			-71.62	-53.09	-27.00	-26.09
5240MHz	Pass	12G	40G	PK	21.5515G	18.53	-75.66	-75.06			-72.34	-53.81	-27.00	-26.81
5745MHz	Pass	8G	12G	AV	8.478G	18.53	-84.19	-84.75			-81.45	-62.92	-41.20	-21.72
5745MHz	Pass	8G	12G	AV	11.487G	18.53	-85.62	-85.38			-82.49	-63.96	-41.20	-22.76
5745MHz	Pass	12G	40G	AV	22.0345G	18.53	-83.75	-84.01			-80.87	-62.34	-41.20	-21.14
5745MHz	Pass	8G	12G	PK	8.6545G	18.53	-72.43	-74.82			-70.45	-51.92	-27.00	-24.92
5745MHz	Pass	8G	12G	PK	11.484G	18.53	-76.74	-75.65			-73.15	-54.62	-21.20	-33.42
5745MHz	Pass	12G	40G	PK	21.6495G	18.53	-77.92	-73.15			-71.90	-53.37	-27.00	-26.37
5785MHz	Pass	8G	12G	AV	11.568G	18.53	-84.96	-82.28			-80.41	-61.88	-41.20	-20.68
5785MHz	Pass	12G	40G	AV	22.2095G	18.53	-83.18	-84.42			-80.75	-62.22	-41.20	-21.02
5785MHz	Pass	8G	12G	PK	8.7235G	18.53	-72.73	-74.28			-70.43	-51.90	-27.00	-24.90
5785MHz	Pass	8G	12G	PK	11.5695G	18.53	-74.66	-72.75			-70.59	-52.06	-21.20	-30.86
5785MHz	Pass	12G	40G	PK	21.6985G	18.53	-73.81	-75.85			-71.70	-53.17	-27.00	-26.17
5825MHz	Pass	8G	12G	AV	11.652G	18.53	-82.32	-87.00			-81.05	-62.52	-41.20	-21.32
5825MHz	Pass	12G	40G	AV	22.0835G	18.53	-84.14	-83.73			-80.92	-62.39	-41.20	-21.19
5825MHz	Pass	8G	12G	PK	8.7185G	18.53	-72.79	-74.14			-70.40	-51.87	-27.00	-24.87
5825MHz	Pass	8G	12G	PK	11.6525G	18.53	-71.14	-78.44			-70.40	-51.87	-21.20	-30.67
5825MHz	Pass	12G	40G	PK	21.6845G	18.53	-74.50	-75.32			-71.88	-53.35	-27.00	-26.35
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.496G	18.53	-84.99	-84.19			-81.56	-63.03	-41.20	-21.83
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-85.96	-86.40			-83.16	-64.63	-41.20	-23.43



CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

Table with 15 columns: 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). Rows include various frequency bands (e.g., 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5785MHz, 5825MHz, 802.11ax HEW40, 802.11ax HEW80, 802.11a) and their corresponding test results and parameters.



CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

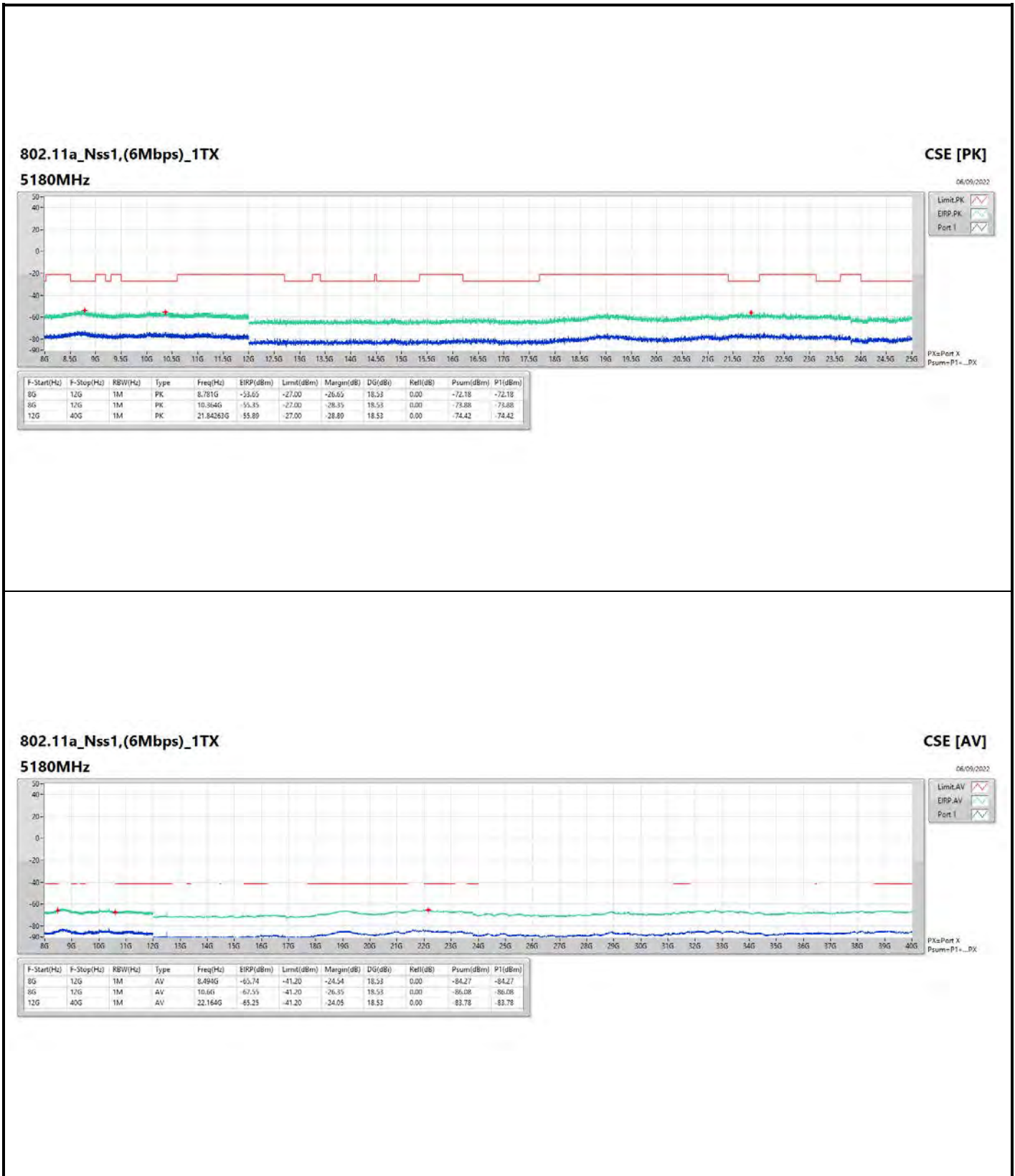
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5180MHz	Pass	12G	40G	AV	22.1465G	18.53	-84.28	-84.40	-84.45	-84.09	-78.28	-59.75	-41.20	-18.55
5180MHz	Pass	8G	12G	PK	8.583G	18.53	-75.22	-72.41	-74.59	-75.01	-68.13	-49.60	-27.00	-22.60
5180MHz	Pass	8G	12G	PK	10.357G	18.53	-75.76	-75.02	-76.03	-76.32	-69.73	-51.20	-27.00	-24.20
5180MHz	Pass	12G	40G	PK	21.583G	18.53	-76.32	-74.82	-76.41	-75.18	-69.61	-51.08	-27.00	-24.08
5200MHz	Pass	8G	12G	AV	8.4945G	18.53	-84.11	-84.73	-84.35	-84.89	-78.49	-59.96	-41.20	-18.76
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.53	-86.58	-86.46	-86.36	-80.46	-61.93	-41.20	-20.73
5200MHz	Pass	12G	40G	AV	22.024G	18.53	-84.18	-83.64	-84.23	-84.92	-78.20	-59.67	-41.20	-18.47
5200MHz	Pass	8G	12G	PK	8.7195G	18.53	-74.35	-75.20	-73.73	-72.06	-67.66	-49.13	-27.00	-22.13
5200MHz	Pass	8G	12G	PK	10.399G	18.53	-74.73	-75.21	-77.04	-76.38	-69.72	-51.19	-27.00	-24.19
5200MHz	Pass	12G	40G	PK	21.625G	18.53	-76.16	-73.06	-77.03	-76.54	-69.37	-50.84	-27.00	-23.84
5240MHz	Pass	8G	12G	AV	8.464G	18.53	-84.72	-83.92	-85.26	-84.44	-78.54	-60.01	-41.20	-18.81
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.68	-86.57	-86.31	-86.34	-80.45	-61.92	-41.20	-20.72
5240MHz	Pass	12G	40G	AV	22.0135G	18.53	-84.11	-84.59	-84.15	-83.66	-78.09	-59.56	-41.20	-18.36
5240MHz	Pass	8G	12G	PK	8.631G	18.53	-73.95	-72.76	-73.24	-73.30	-67.27	-48.74	-27.00	-21.74
5240MHz	Pass	8G	12G	PK	10.48G	18.53	-75.31	-76.78	-76.62	-75.17	-69.89	-51.36	-27.00	-24.36
5240MHz	Pass	12G	40G	PK	21.611G	18.53	-76.78	-74.31	-76.04	-76.47	-69.77	-51.24	-27.00	-24.24
5745MHz	Pass	8G	12G	AV	8.497G	18.53	-84.87	-83.24	-84.63	-85.23	-78.40	-59.87	-41.20	-18.67
5745MHz	Pass	8G	12G	AV	11.481G	18.53	-86.53	-85.91	-86.88	-85.10	-80.03	-61.50	-41.20	-20.30
5745MHz	Pass	12G	40G	AV	22.171G	18.53	-84.70	-84.28	-84.55	-83.90	-78.33	-59.80	-41.20	-18.60
5745MHz	Pass	8G	12G	PK	8.715G	18.53	-74.71	-73.23	-74.73	-73.56	-67.98	-49.45	-27.00	-22.45
5745MHz	Pass	8G	12G	PK	11.4795G	18.53	-77.36	-77.52	-76.27	-76.54	-70.87	-52.34	-21.20	-31.14
5745MHz	Pass	12G	40G	PK	21.9435G	18.53	-76.39	-74.34	-75.56	-76.72	-69.63	-51.10	-27.00	-24.10
5785MHz	Pass	8G	12G	AV	8.477G	18.53	-84.73	-84.37	-83.82	-85.19	-78.48	-59.95	-41.20	-18.75
5785MHz	Pass	8G	12G	AV	11.5715G	18.53	-85.56	-86.51	-86.87	-86.08	-80.21	-61.68	-41.20	-20.48
5785MHz	Pass	12G	40G	AV	22.1675G	18.53	-84.55	-83.87	-84.56	-84.07	-78.23	-59.70	-41.20	-18.50
5785MHz	Pass	8G	12G	PK	8.593G	18.53	-75.33	-72.80	-72.88	-75.93	-67.99	-49.46	-27.00	-22.46
5785MHz	Pass	8G	12G	PK	11.567G	18.53	-77.18	-78.05	-77.04	-76.03	-70.99	-52.46	-21.20	-31.26
5785MHz	Pass	12G	40G	PK	21.9295G	18.53	-76.67	-77.36	-73.55	-74.37	-69.19	-50.66	-27.00	-23.66
5825MHz	Pass	8G	12G	AV	8.495G	18.53	-84.14	-84.49	-85.23	-84.77	-78.62	-60.09	-41.20	-18.89
5825MHz	Pass	8G	12G	AV	11.6605G	18.53	-86.94	-86.43	-87.03	-86.26	-80.63	-62.10	-41.20	-20.90
5825MHz	Pass	12G	40G	AV	22.038G	18.53	-84.58	-83.69	-84.46	-84.01	-78.15	-59.62	-41.20	-18.42
5825MHz	Pass	8G	12G	PK	8.6175G	18.53	-73.70	-72.98	-74.50	-73.44	-67.60	-49.07	-27.00	-22.07
5825MHz	Pass	8G	12G	PK	11.632G	18.53	-78.72	-76.05	-77.33	-76.35	-70.97	-52.44	-21.20	-31.24
5825MHz	Pass	12G	40G	PK	21.9435G	18.53	-75.83	-76.57	-73.90	-76.40	-69.52	-50.99	-27.00	-23.99
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.477G	18.53	-85.13	-84.72	-84.65	-84.18	-78.64	-60.11	-41.20	-18.91
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-85.31	-86.49	-85.94	-85.57	-79.78	-61.25	-41.20	-20.05
5180MHz	Pass	12G	40G	AV	22.115G	18.53	-83.90	-84.50	-84.24	-84.33	-78.22	-59.69	-41.20	-18.49
5180MHz	Pass	8G	12G	PK	8.5805G	18.53	-75.59	-72.92	-74.41	-73.40	-67.94	-49.41	-27.00	-22.41
5180MHz	Pass	8G	12G	PK	10.367G	18.53	-74.12	-76.71	-76.59	-76.71	-69.86	-51.33	-27.00	-24.33
5180MHz	Pass	12G	40G	PK	21.5865G	18.53	-75.04	-75.06	-74.58	-75.73	-69.06	-50.53	-27.00	-23.53
5200MHz	Pass	8G	12G	AV	8.4985G	18.53	-84.36	-84.48	-84.63	-85.09	-78.61	-60.08	-41.20	-18.88
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.11	-86.51	-86.57	-86.02	-80.28	-61.75	-41.20	-20.55
5200MHz	Pass	12G	40G	AV	22.0345G	18.53	-84.00	-84.24	-84.06	-84.72	-78.23	-59.70	-41.20	-18.50
5200MHz	Pass	8G	12G	PK	8.664G	18.53	-73.78	-73.71	-72.97	-74.53	-67.69	-49.16	-27.00	-22.16
5200MHz	Pass	8G	12G	PK	10.399G	18.53	-75.28	-75.84	-76.00	-76.24	-69.80	-51.27	-27.00	-24.27
5200MHz	Pass	12G	40G	PK	21.9575G	18.53	-74.73	-77.93	-75.51	-76.02	-69.88	-51.35	-27.00	-24.35
5240MHz	Pass	8G	12G	AV	8.4645G	18.53	-84.84	-84.42	-84.66	-84.57	-78.60	-60.07	-41.20	-18.87
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.94	-86.64	-86.20	-86.65	-80.58	-62.05	-41.20	-20.85
5240MHz	Pass	12G	40G	AV	22.08G	18.53	-84.30	-83.87	-84.02	-84.50	-78.15	-59.62	-41.20	-18.42
5240MHz	Pass	8G	12G	PK	8.722G	18.53	-75.47	-74.44	-73.47	-73.35	-68.08	-49.55	-27.00	-22.55
5240MHz	Pass	8G	12G	PK	10.463G	18.53	-74.03	-76.66	-76.30	-77.27	-69.86	-51.33	-27.00	-24.33
5240MHz	Pass	12G	40G	PK	21.856G	18.53	-77.01	-74.31	-74.54	-76.99	-69.50	-50.97	-27.00	-23.97
5745MHz	Pass	8G	12G	AV	8.4905G	18.53	-84.26	-84.61	-84.41	-85.07	-78.56	-60.03	-41.20	-18.83
5745MHz	Pass	8G	12G	AV	11.4895G	18.53	-86.26	-86.91	-84.99	-86.55	-80.09	-61.56	-41.20	-20.36
5745MHz	Pass	12G	40G	AV	22.0275G	18.53	-84.15	-84.99	-84.22	-83.60	-78.19	-59.66	-41.20	-18.46
5745MHz	Pass	8G	12G	PK	8.6595G	18.53	-74.93	-73.27	-73.50	-73.79	-67.81	-49.28	-27.00	-22.28
5745MHz	Pass	8G	12G	PK	11.5035G	18.53	-76.00	-76.40	-77.59	-77.33	-70.76	-52.23	-21.20	-31.03
5745MHz	Pass	12G	40G	PK	21.968G	18.53	-75.48	-75.51	-75.36	-75.56	-69.46	-50.93	-27.00	-23.93
5785MHz	Pass	8G	12G	AV	8.4945G	18.53	-84.70	-85.05	-83.63	-84.44	-78.40	-59.87	-41.20	-18.67
5785MHz	Pass	8G	12G	AV	11.5685G	18.53	-86.16	-87.27	-86.13	-85.37	-80.16	-61.63	-41.20	-20.43
5785MHz	Pass	12G	40G	AV	22.1605G	18.53	-84.52	-84.67	-83.94	-83.94	-78.23	-59.70	-41.20	-18.50
5785MHz	Pass	8G	12G	PK	8.61G	18.53	-72.92	-75.68	-74.01	-73.49	-67.89	-49.36	-27.00	-22.36
5785MHz	Pass	8G	12G	PK	11.5875G	18.53	-78.15	-78.34	-76.38	-76.61	-71.26	-52.73	-21.20	-31.53
5785MHz	Pass	12G	40G	PK	21.87G	18.53	-76.97	-75.84	-74.37	-75.27	-69.49	-50.96	-27.00	-23.96
5825MHz	Pass	8G	12G	AV	8.497G	18.53	-84.56	-83.95	-84.57	-84.30	-78.32	-59.79	-41.20	-18.59
5825MHz	Pass	8G	12G	AV	11.661G	18.53	-87.69	-86.39	-86.41	-86.01	-80.56	-62.03	-41.20	-20.83
5825MHz	Pass	12G	40G	AV	22.0835G	18.53	-84.32	-84.77	-83.98	-84.16	-78.28	-59.75	-41.20	-18.55
5825MHz	Pass	8G	12G	PK	8.5585G	18.53	-73.52	-74.29	-73.47	-73.25	-67.59	-49.06	-27.00	-22.06
5825MHz	Pass	8G	12G	PK	11.6325G	18.53	-77.64	-78.32	-77.64	-76.42	-71.43	-52.90	-21.20	-31.70

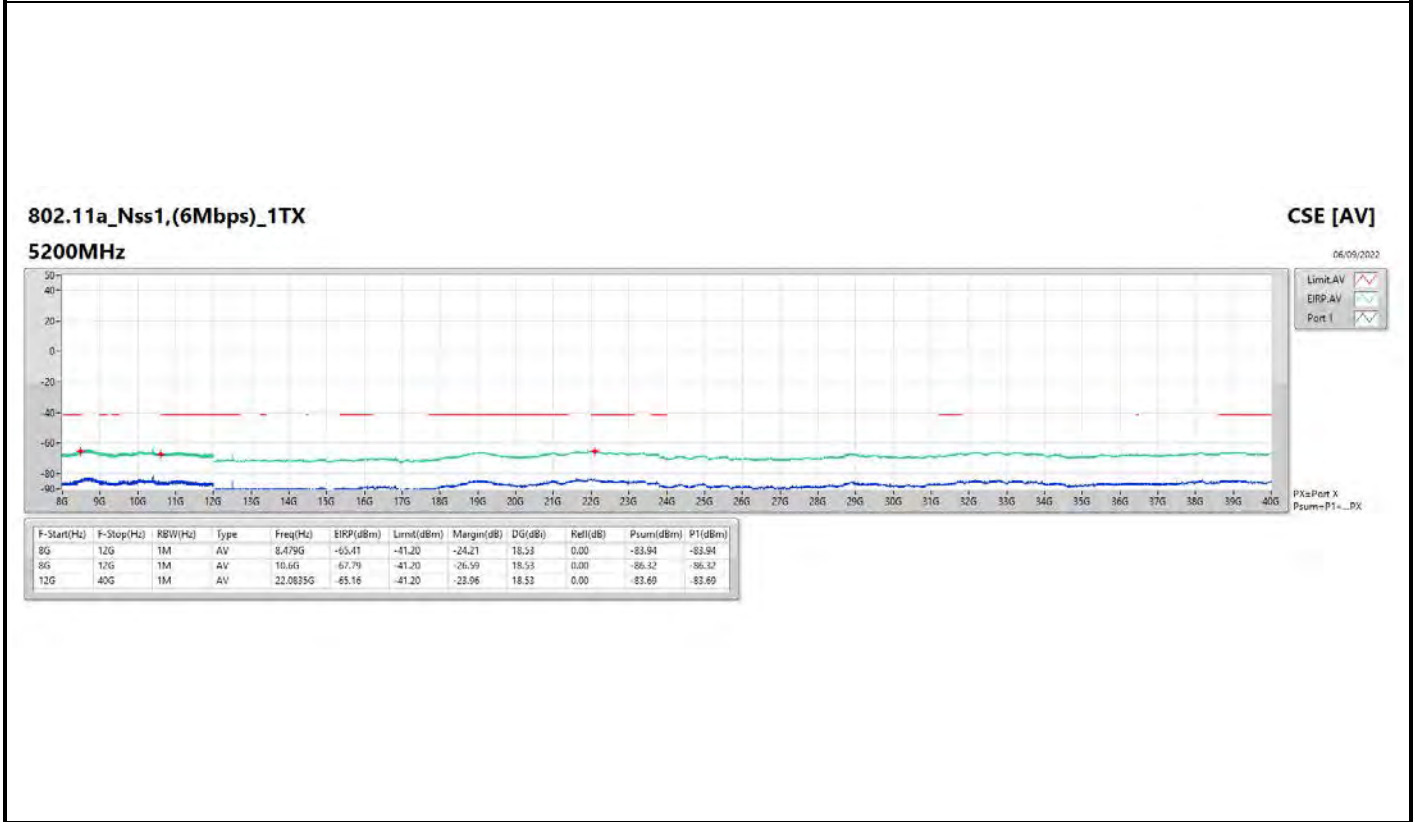
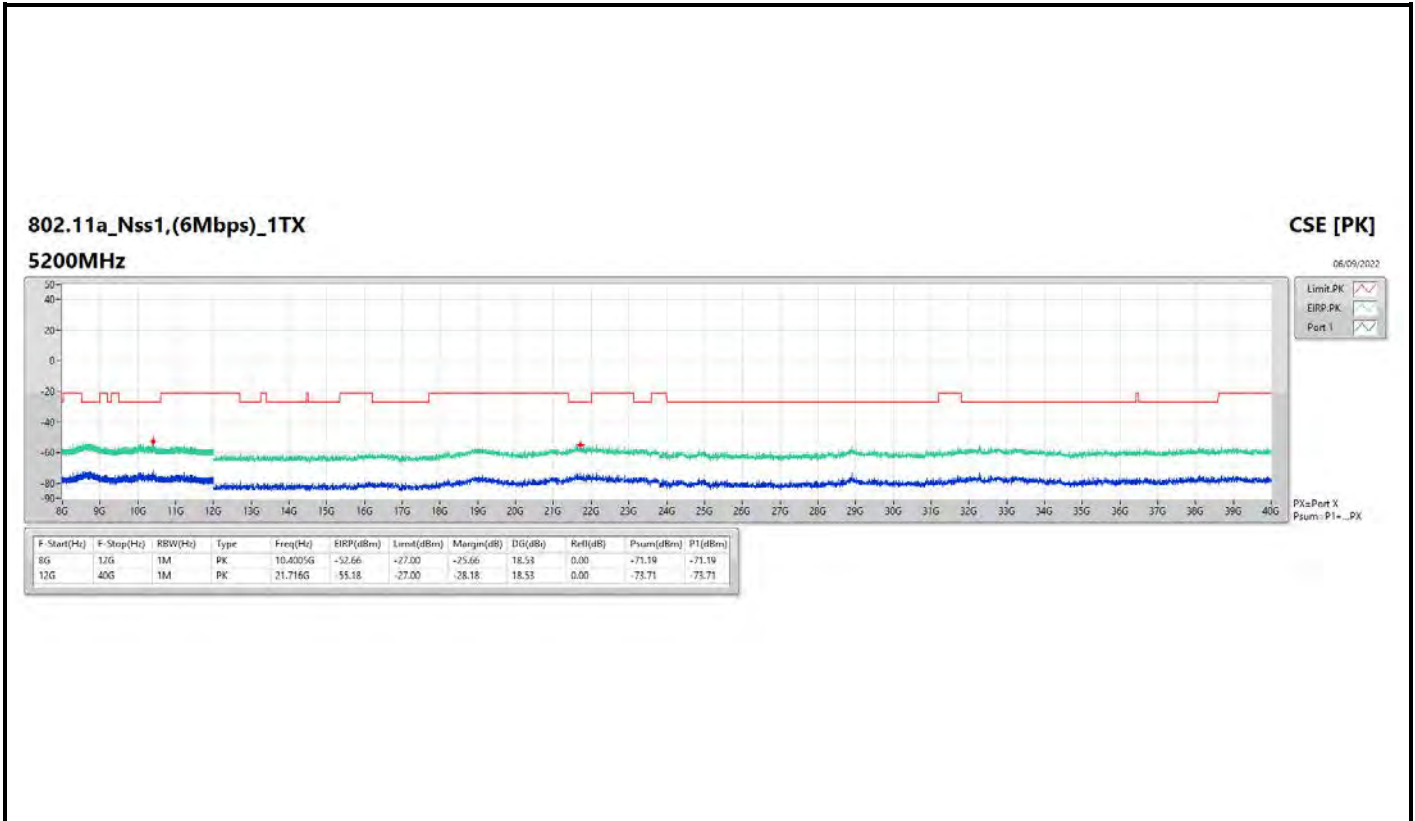


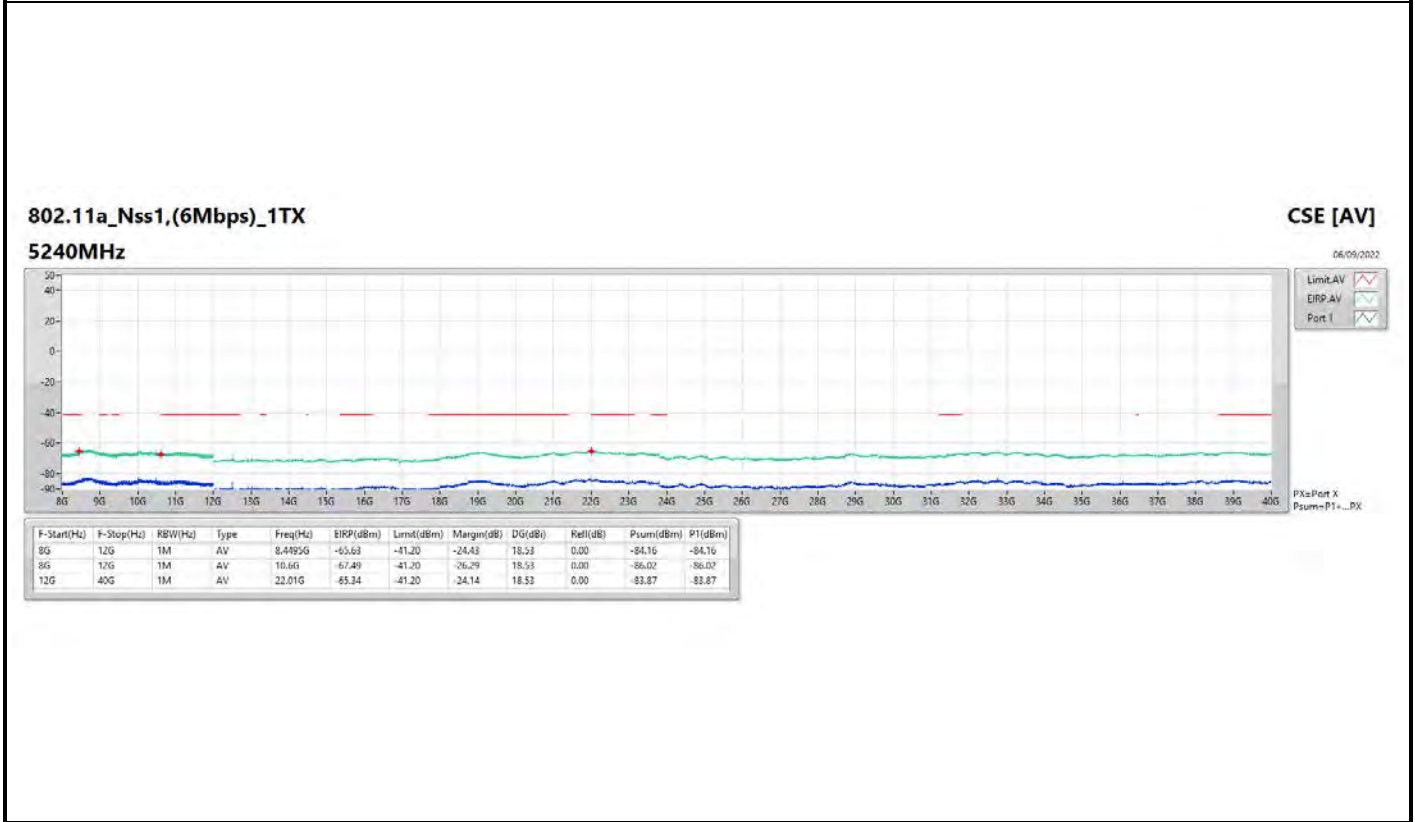
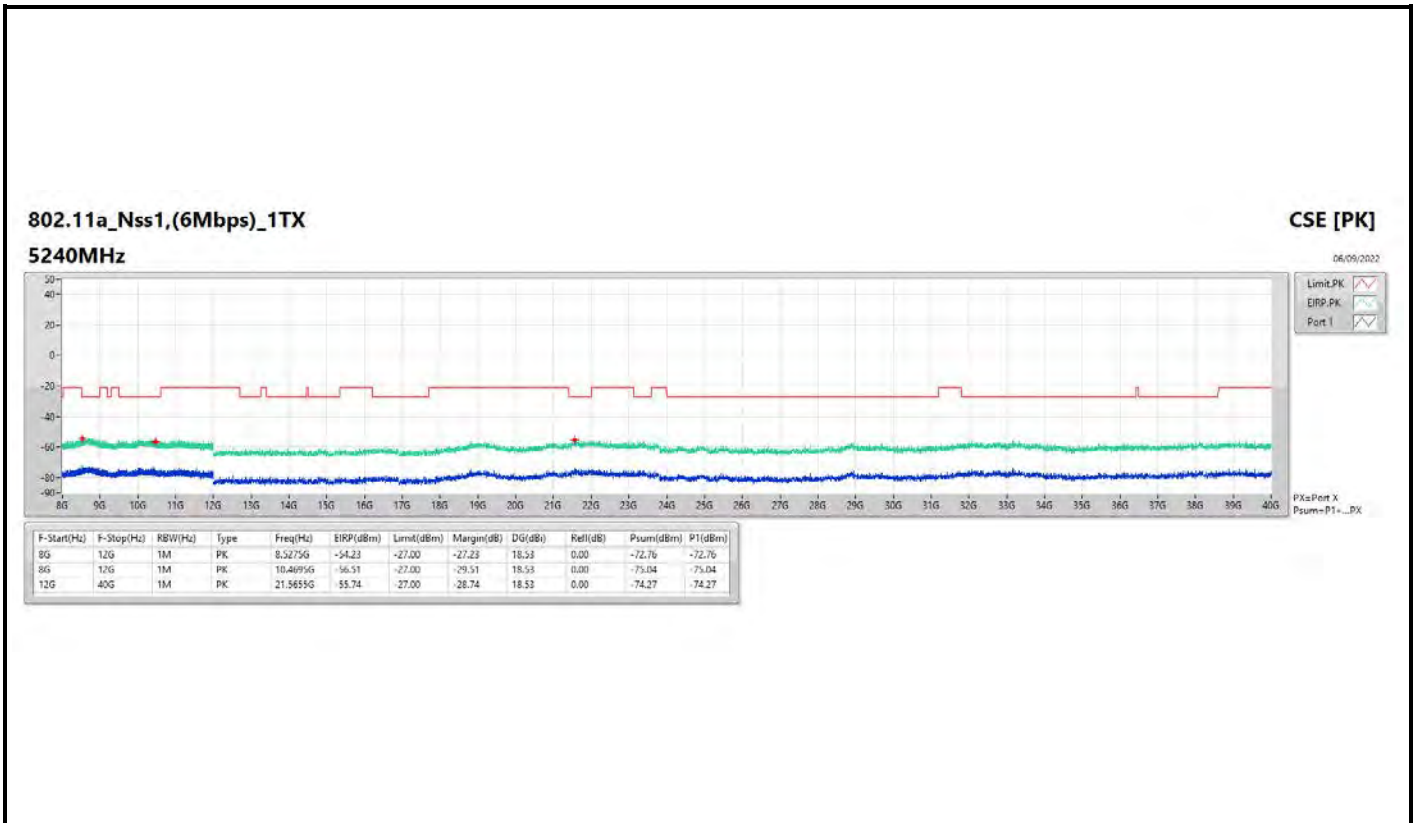
CSE_Iron R1_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.6

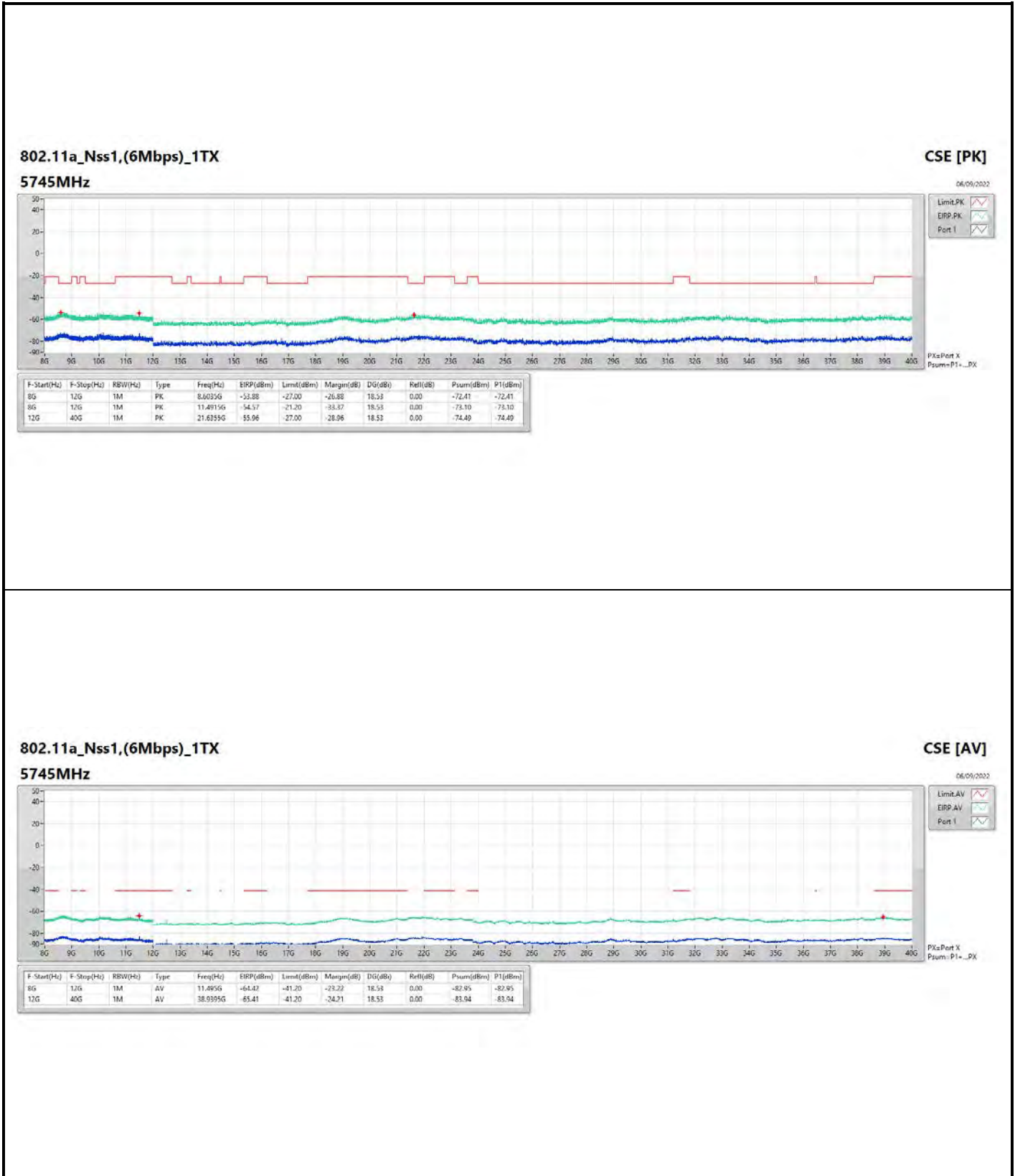
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5825MHz	Pass	12G	40G	PK	21.6075G	18.53	-76.82	-74.52	-76.02	-74.31	-69.27	-50.74	-27.00	-23.74
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	8.498G	18.53	-84.49	-84.35	-83.55	-84.79	-78.25	-59.72	-41.20	-18.52
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-86.69	-86.19	-86.55	-86.18	-80.38	-61.85	-41.20	-20.65
5190MHz	Pass	12G	40G	AV	22.094G	18.53	-84.66	-83.52	-84.46	-84.41	-78.22	-59.69	-41.20	-18.49
5190MHz	Pass	8G	12G	PK	8.6265G	18.53	-75.17	-73.82	-72.07	-74.75	-67.76	-49.23	-27.00	-22.23
5190MHz	Pass	8G	12G	PK	10.371G	18.53	-76.40	-74.71	-77.26	-75.55	-69.86	-51.33	-27.00	-24.33
5190MHz	Pass	12G	40G	PK	21.695G	18.53	-76.45	-75.71	-74.49	-76.52	-69.69	-51.16	-27.00	-24.16
5230MHz	Pass	8G	12G	AV	8.4815G	18.53	-84.75	-84.66	-83.54	-84.58	-78.33	-59.80	-41.20	-18.60
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-85.67	-86.32	-86.73	-85.83	-80.10	-61.57	-41.20	-20.37
5230MHz	Pass	12G	40G	AV	22.0135G	18.53	-84.51	-83.97	-83.99	-84.54	-78.22	-59.69	-41.20	-18.49
5230MHz	Pass	8G	12G	PK	8.697G	18.53	-74.78	-72.33	-75.07	-74.25	-67.95	-49.42	-27.00	-22.42
5230MHz	Pass	8G	12G	PK	10.4435G	18.53	-77.82	-74.02	-77.47	-74.11	-69.47	-50.94	-27.00	-23.94
5230MHz	Pass	12G	40G	PK	21.555G	18.53	-73.97	-76.45	-76.25	-75.52	-69.41	-50.88	-27.00	-23.88
5755MHz	Pass	8G	12G	AV	8.4975G	18.53	-84.72	-84.59	-84.91	-84.61	-78.69	-60.16	-41.20	-18.96
5755MHz	Pass	8G	12G	AV	11.4945G	18.53	-85.25	-86.47	-85.90	-86.32	-79.94	-61.41	-41.20	-20.21
5755MHz	Pass	12G	40G	AV	22.192G	18.53	-83.96	-84.78	-84.84	-83.04	-78.07	-59.54	-41.20	-18.34
5755MHz	Pass	8G	12G	PK	8.5935G	18.53	-74.48	-73.40	-73.52	-75.41	-68.11	-49.58	-27.00	-22.58
5755MHz	Pass	8G	12G	PK	11.51G	18.53	-76.65	-76.94	-76.77	-76.13	-70.59	-52.06	-21.20	-30.86
5755MHz	Pass	12G	40G	PK	21.9855G	18.53	-75.25	-76.03	-75.01	-75.51	-69.41	-50.88	-27.00	-23.88
5795MHz	Pass	8G	12G	AV	8.484G	18.53	-84.92	-84.21	-84.18	-84.02	-78.30	-59.77	-41.20	-18.57
5795MHz	Pass	8G	12G	AV	11.59G	18.53	-86.54	-86.27	-86.04	-86.24	-80.25	-61.72	-41.20	-20.52
5795MHz	Pass	12G	40G	AV	22.143G	18.53	-84.02	-83.10	-84.59	-84.69	-78.03	-59.50	-41.20	-18.30
5795MHz	Pass	8G	12G	PK	8.764G	18.53	-73.60	-74.39	-75.33	-72.12	-67.68	-49.15	-27.00	-22.15
5795MHz	Pass	8G	12G	PK	11.599G	18.53	-75.15	-77.40	-78.91	-77.44	-70.99	-52.46	-21.20	-31.26
5795MHz	Pass	12G	40G	PK	21.597G	18.53	-76.24	-77.37	-74.54	-73.50	-69.14	-50.61	-27.00	-23.61
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	8.475G	18.53	-83.81	-84.16	-84.99	-85.02	-78.44	-59.91	-41.20	-18.71
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-86.77	-86.26	-86.73	-86.17	-80.45	-61.92	-41.20	-20.72
5210MHz	Pass	12G	40G	AV	22.171G	18.53	-84.24	-84.89	-83.58	-84.04	-78.14	-59.61	-41.20	-18.41
5210MHz	Pass	8G	12G	PK	8.707G	18.53	-73.38	-74.85	-75.77	-72.08	-67.77	-49.24	-27.00	-22.24
5210MHz	Pass	8G	12G	PK	10.386G	18.53	-75.45	-74.09	-76.37	-77.01	-69.57	-51.04	-27.00	-24.04
5210MHz	Pass	12G	40G	PK	21.933G	18.53	-74.13	-76.22	-75.18	-75.54	-69.18	-50.65	-27.00	-23.65
5775MHz	Pass	8G	12G	AV	8.4975G	18.53	-84.40	-85.40	-83.86	-84.30	-78.43	-59.90	-41.20	-18.70
5775MHz	Pass	8G	12G	AV	11.4895G	18.53	-86.12	-85.43	-86.17	-86.80	-80.08	-61.55	-41.20	-20.35
5775MHz	Pass	12G	40G	AV	22.143G	18.53	-84.56	-82.60	-84.37	-84.90	-77.99	-59.46	-41.20	-18.26
5775MHz	Pass	8G	12G	PK	8.617G	18.53	-72.88	-74.14	-74.46	-74.47	-67.92	-49.39	-27.00	-22.39
5775MHz	Pass	8G	12G	PK	11.539G	18.53	-75.36	-76.68	-79.04	-76.11	-70.58	-52.05	-21.20	-30.85
5775MHz	Pass	12G	40G	PK	21.982G	18.53	-76.23	-73.91	-75.79	-74.62	-69.02	-50.49	-27.00	-23.49

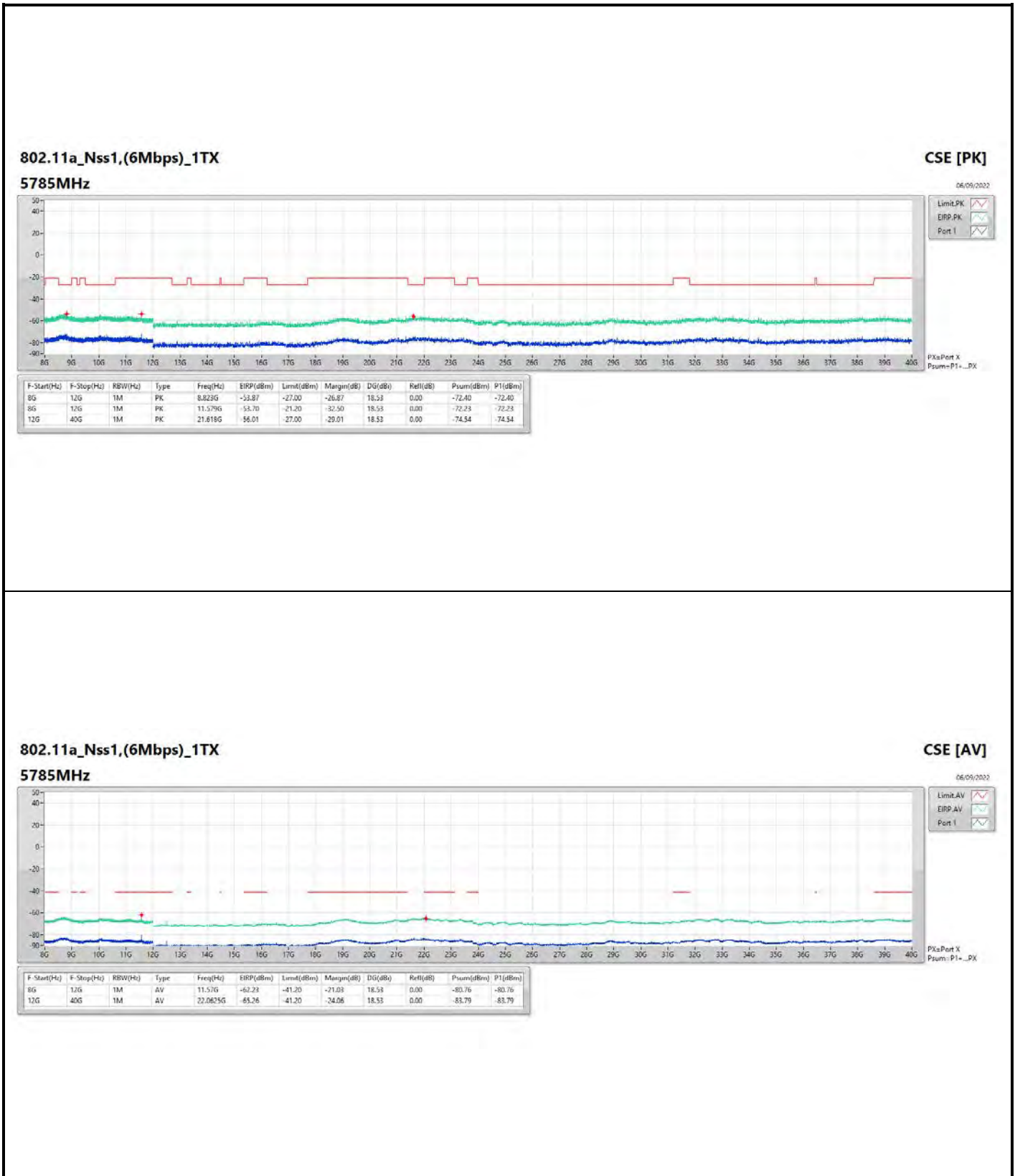
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

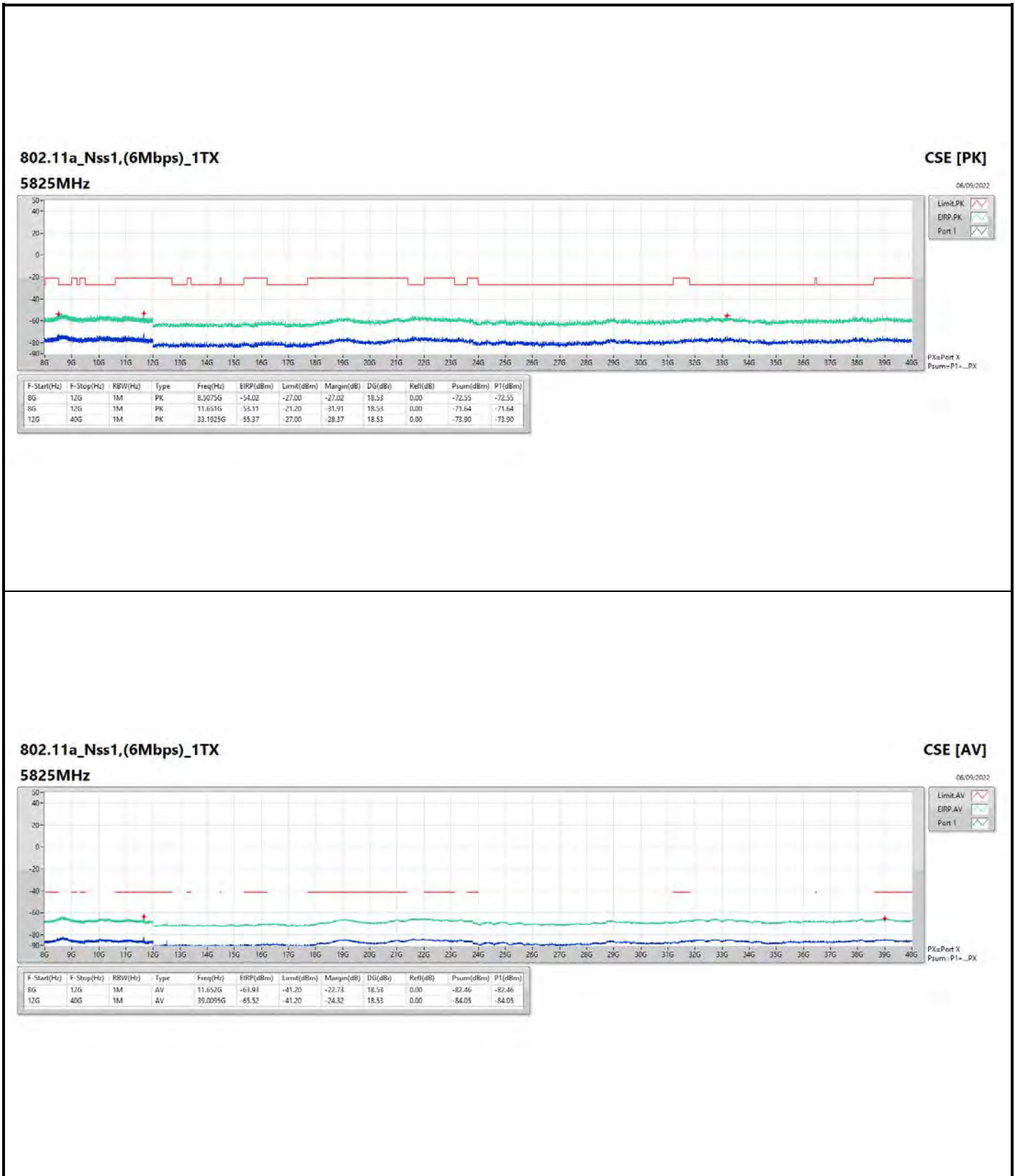


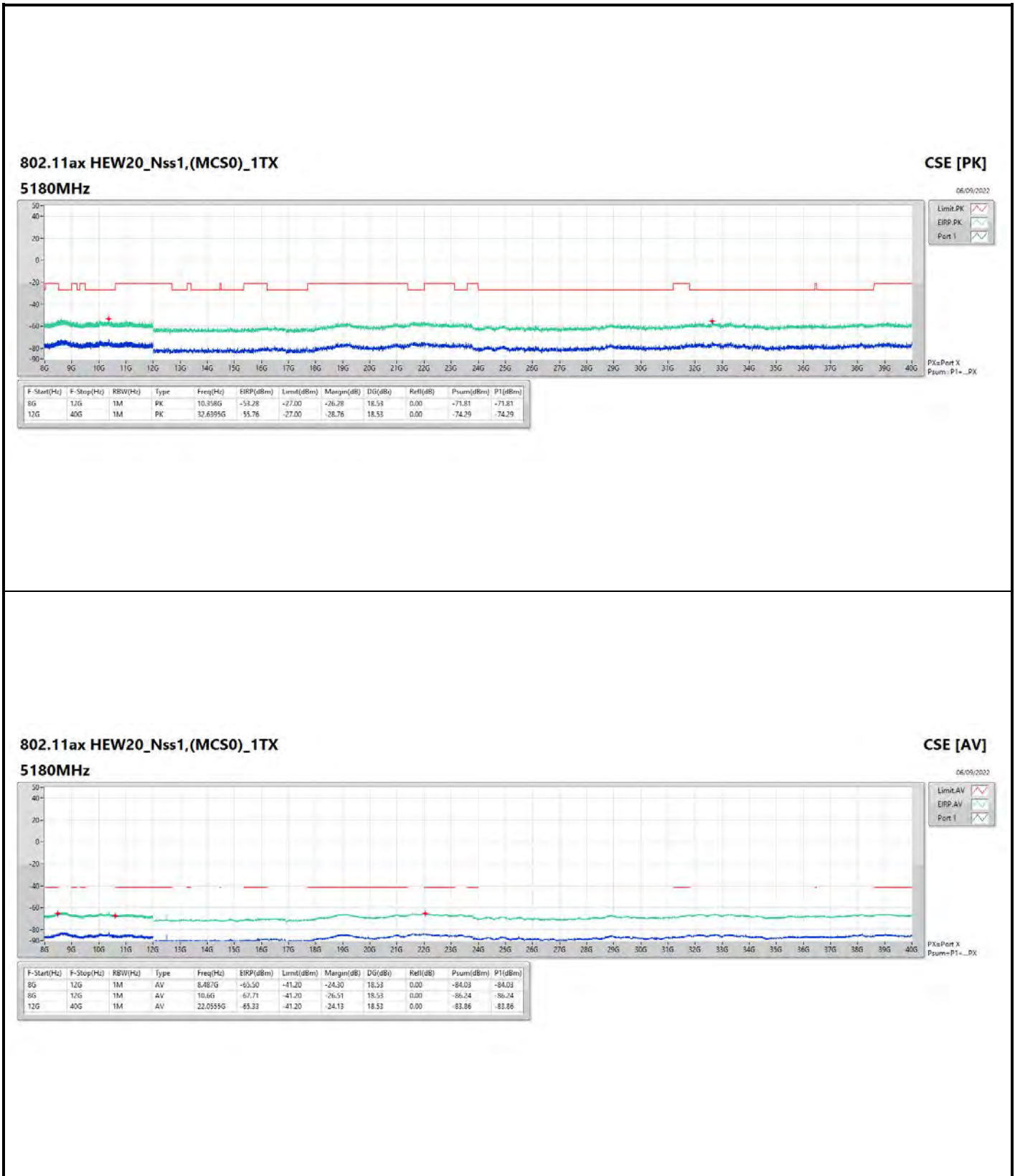


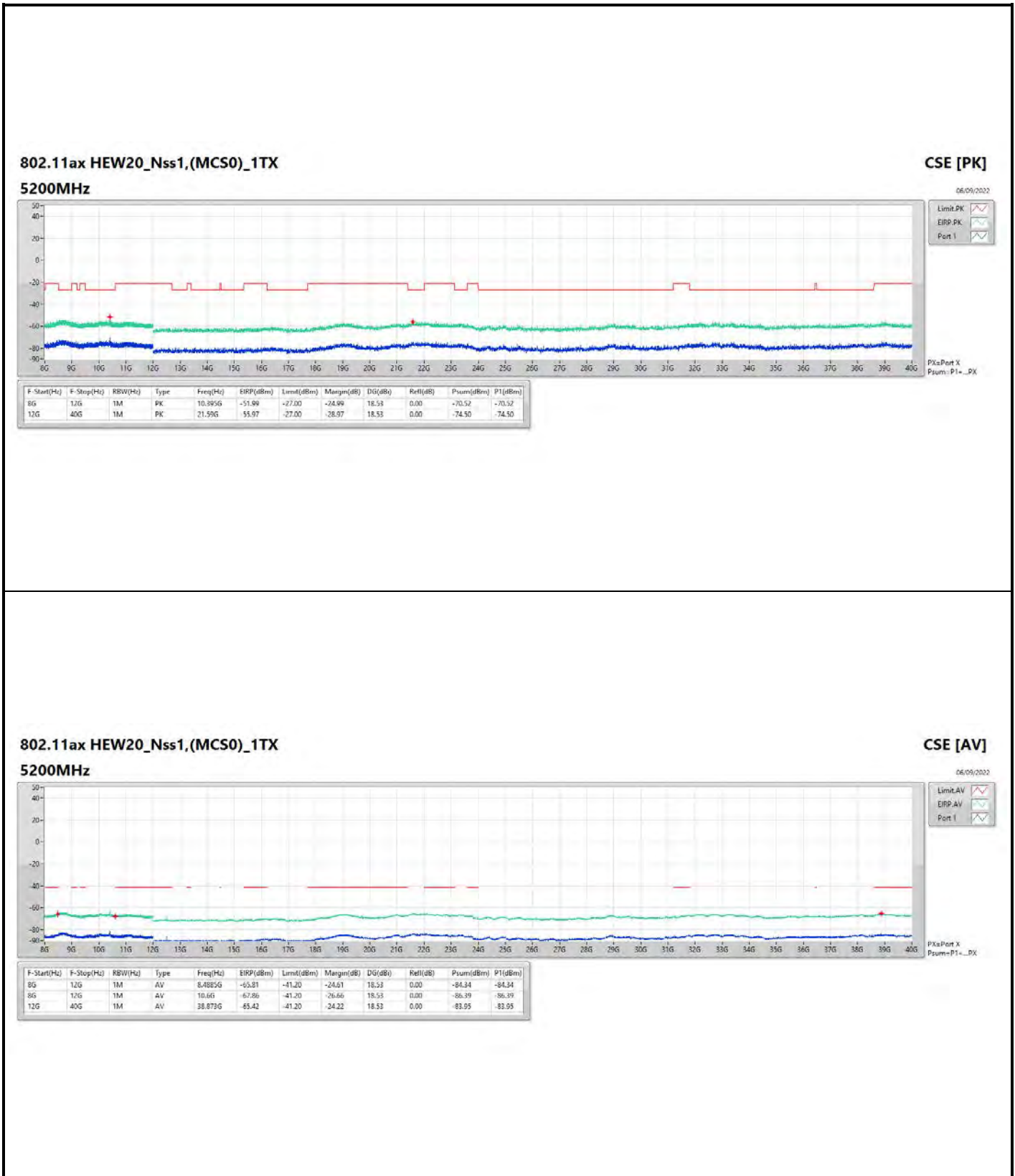


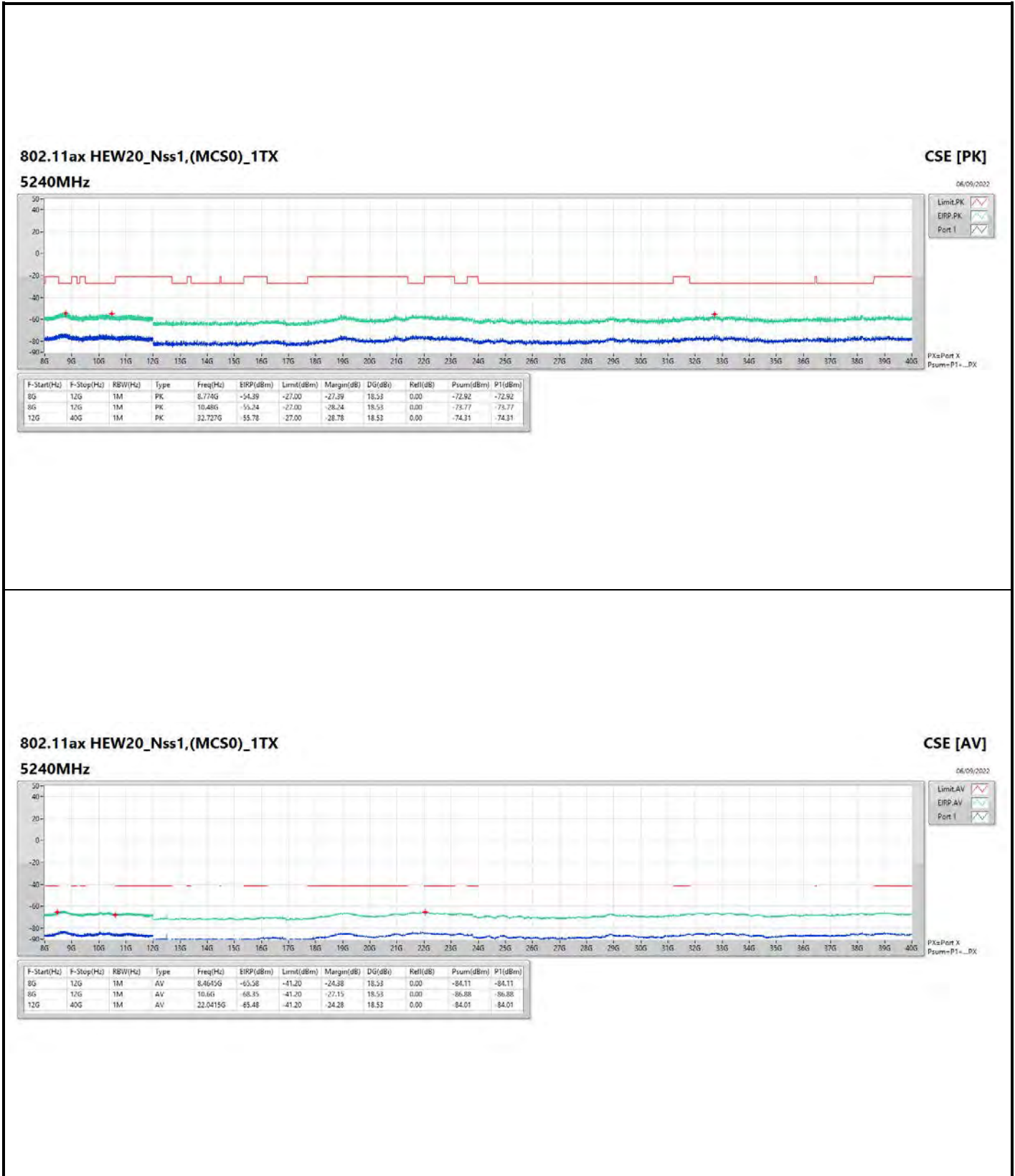








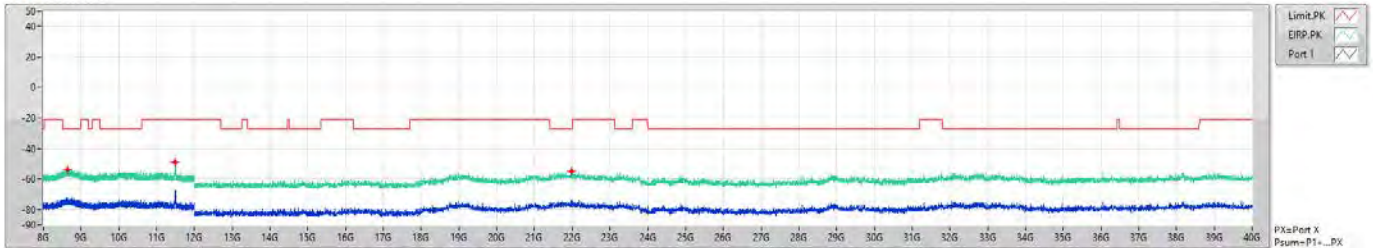




802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5745MHz

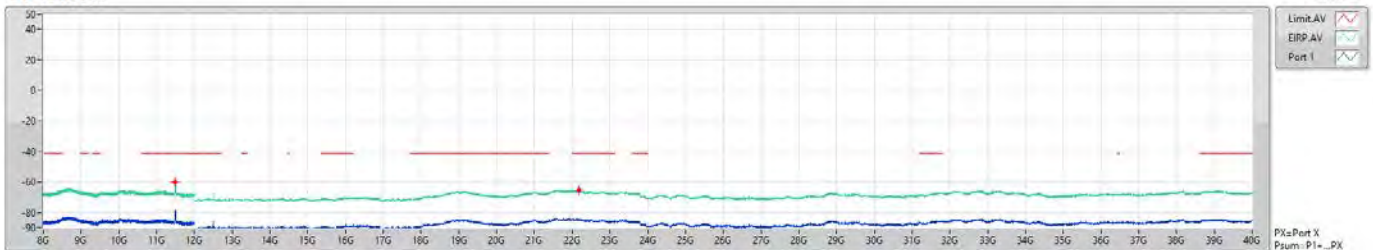


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	8.0475G	-52.94	-27.00	-26.94	18.53	0.00	-72.47	-72.47
8G	12G	1M	PK	11.4896G	-48.89	-21.20	-27.69	18.53	0.00	-67.42	-67.42
12G	40G	1M	PK	21.9785G	54.89	-27.00	-27.89	18.53	0.00	-73.42	-73.42

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5745MHz



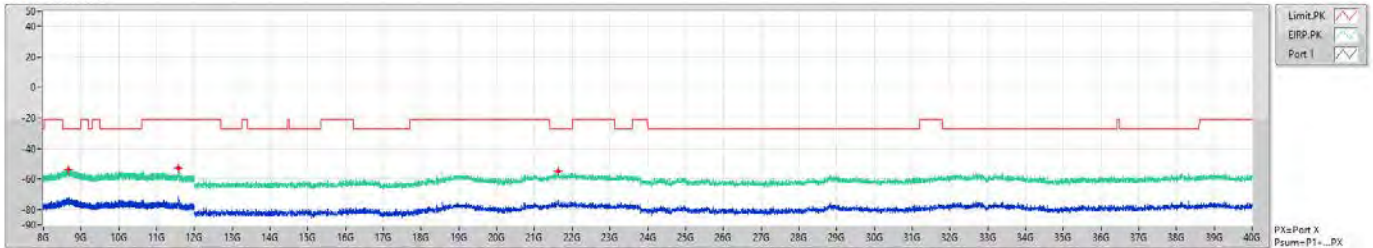
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.4875G	-60.02	-41.20	-18.82	18.53	0.00	-78.55	-78.55
12G	40G	1M	AV	22.178G	-65.31	-41.20	-24.11	18.53	0.00	-83.84	-83.84

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5785MHz

06/09/2022



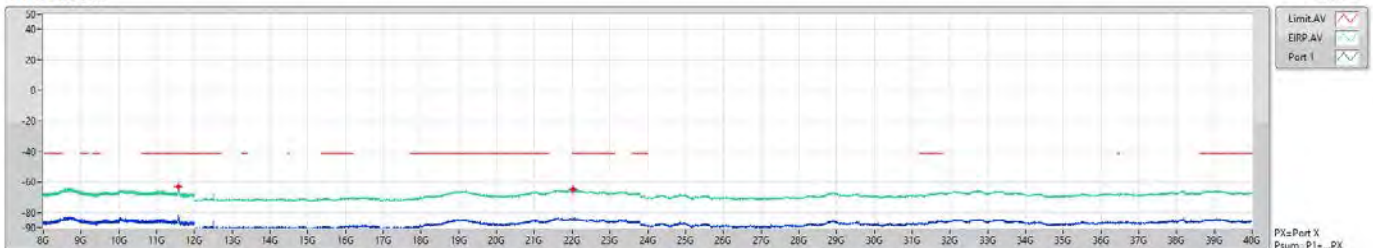
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	8.67G	-54.06	-27.00	-27.06	18.58	0.00	-72.61	-72.61
8G	12G	1M	PK	11.5776G	-52.77	-21.20	-31.57	18.55	0.00	-71.30	-71.30
12G	40G	1M	PK	21.6215G	55.02	-27.00	-28.02	18.53	0.00	-73.55	-73.55

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5785MHz

06/09/2022



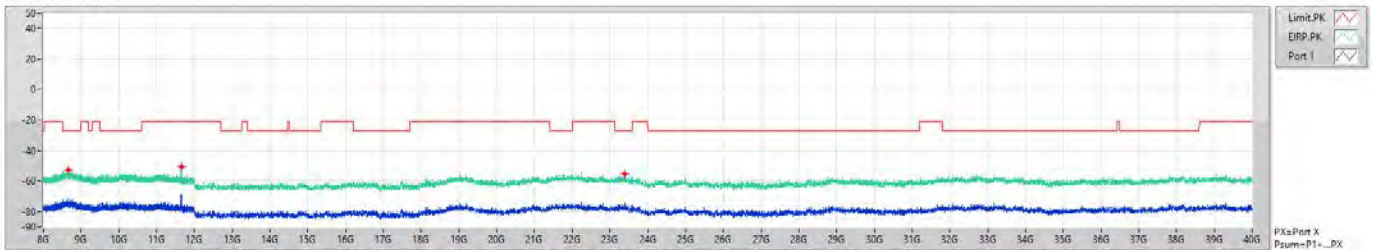
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.5685G	-63.05	-41.20	-21.85	18.58	0.00	-81.58	-81.58
12G	40G	1M	AV	22.0316G	-65.06	-41.20	-23.86	18.53	0.00	-83.59	-83.59

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz

CSE [PK]

06/09/2022

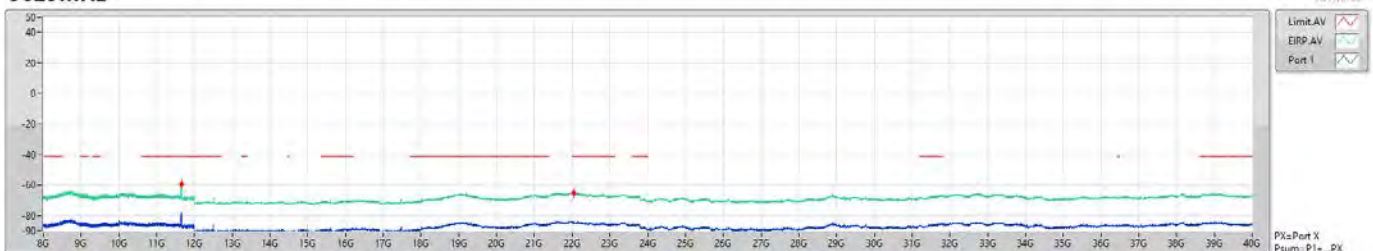


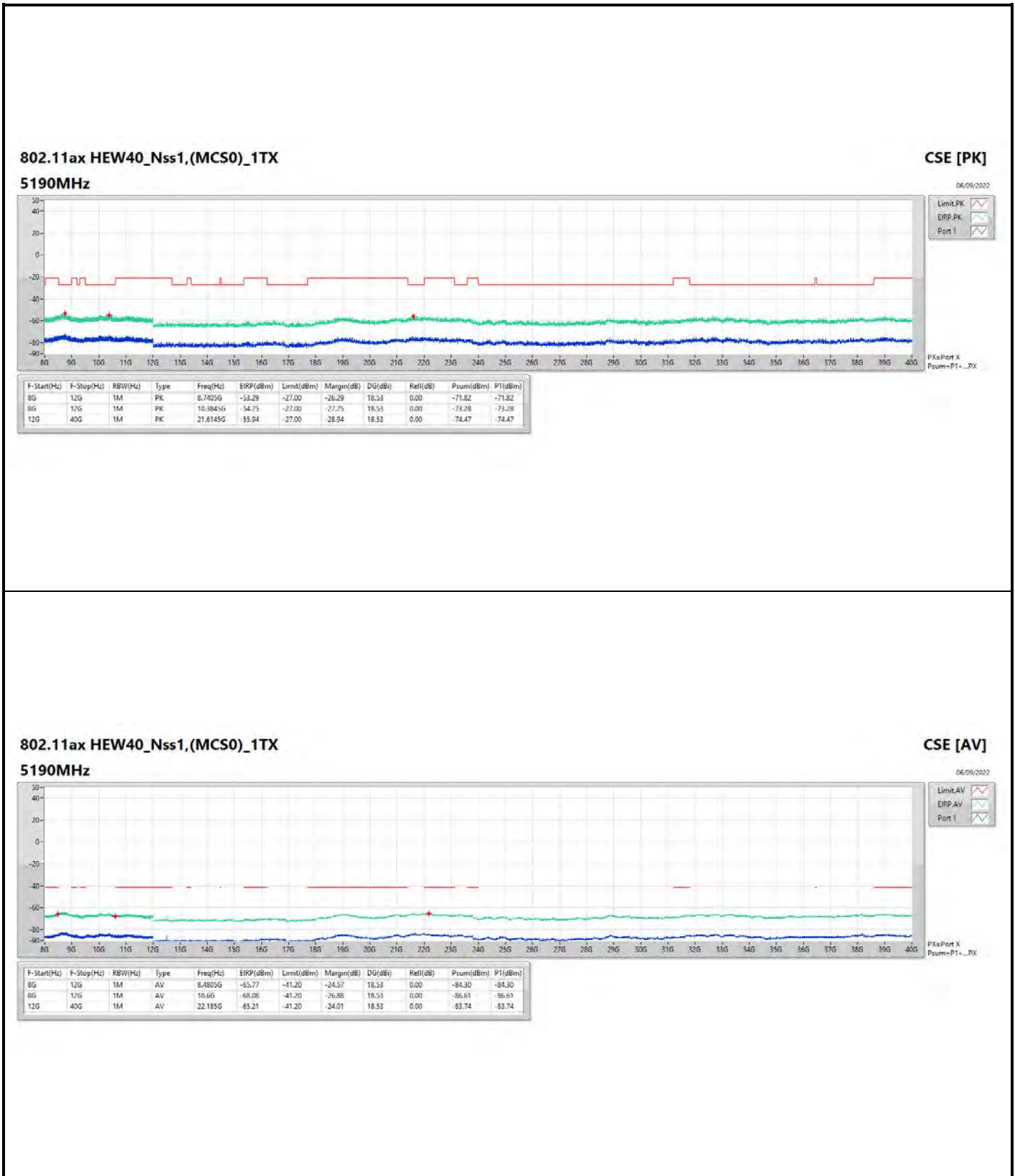
802.11ax HEW20_Nss1,(MCS0)_1TX

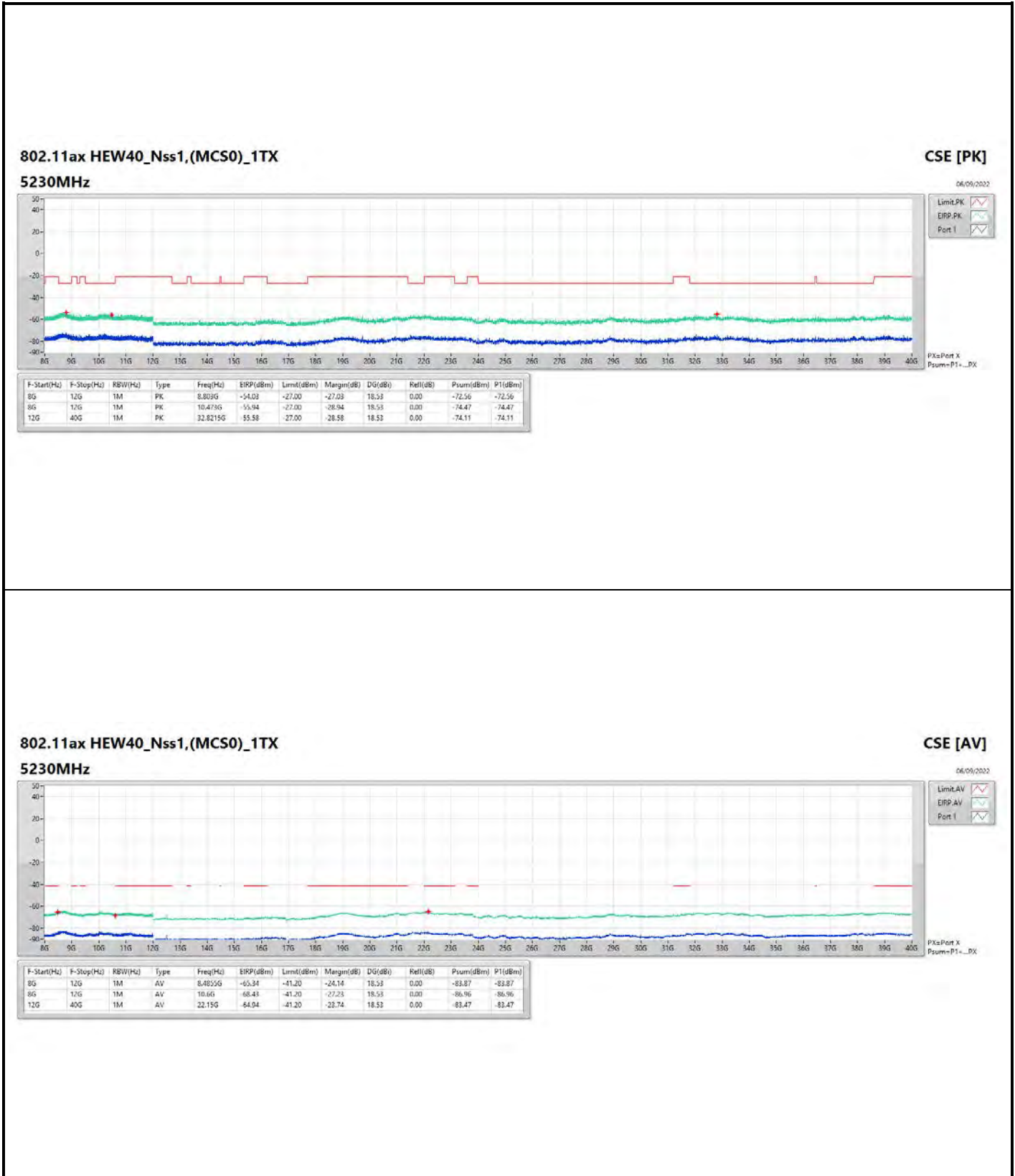
5825MHz

CSE [AV]

06/09/2022





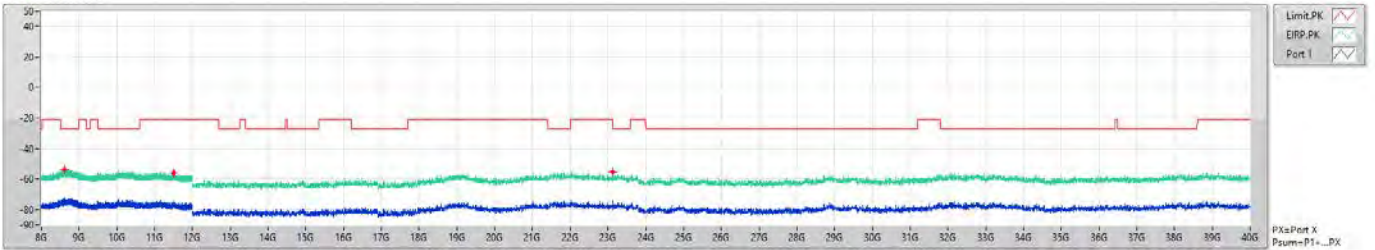


802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz

CSE [PK]

06/09/2022



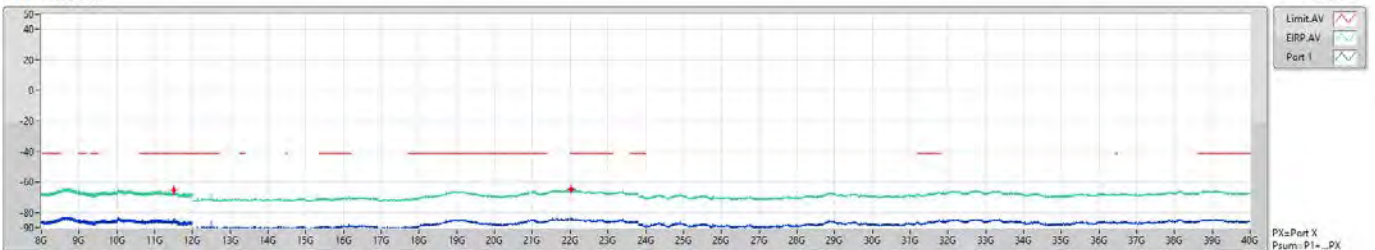
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	8.6275G	-53.81	-27.00	-26.81	18.53	0.00	-72.34	-72.34
8G	12G	1M	PK	11.5085G	-56.11	-21.20	-34.91	18.53	0.00	-74.64	-74.64
12G	40G	1M	PK	23.137G	55.68	-27.00	-28.68	18.53	0.00	-74.21	-74.21

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz

CSE [AV]

06/09/2022



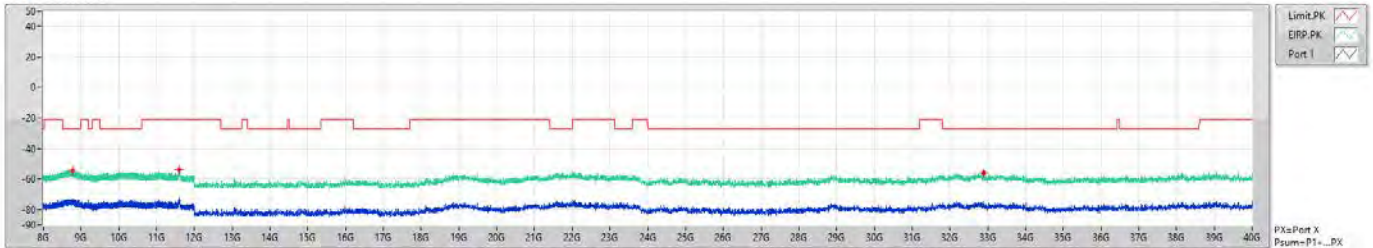
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.5125G	-65.42	-41.20	-24.22	18.53	0.00	-83.95	-83.95
12G	40G	1M	AV	22.024G	-64.86	-41.20	-23.66	18.53	0.00	-83.39	-83.39

802.11ax HEW40_Nss1,(MCS0)_1TX

CSE [PK]

5795MHz

06/09/2022



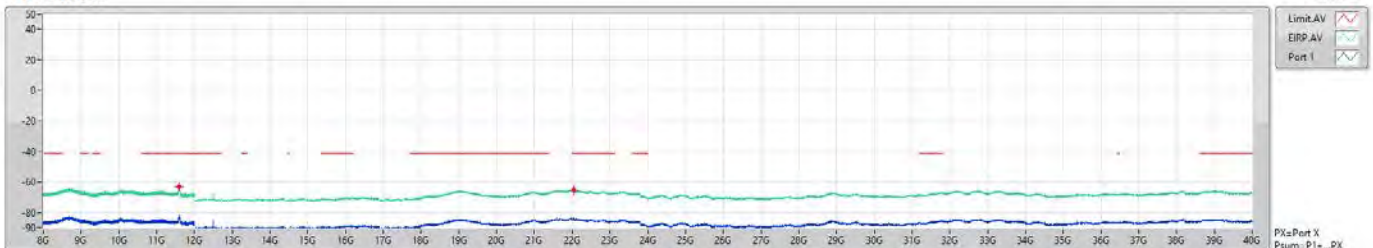
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	8.7665G	-54.63	-27.00	-27.63	18.53	0.00	-73.16	-73.16
8G	12G	1M	PK	11.584G	-54.08	-21.20	-32.88	18.53	0.00	-72.61	-72.61
12G	40G	1M	PK	32.8985G	-56.01	-27.00	-29.01	18.53	0.00	-74.54	-74.54

802.11ax HEW40_Nss1,(MCS0)_1TX

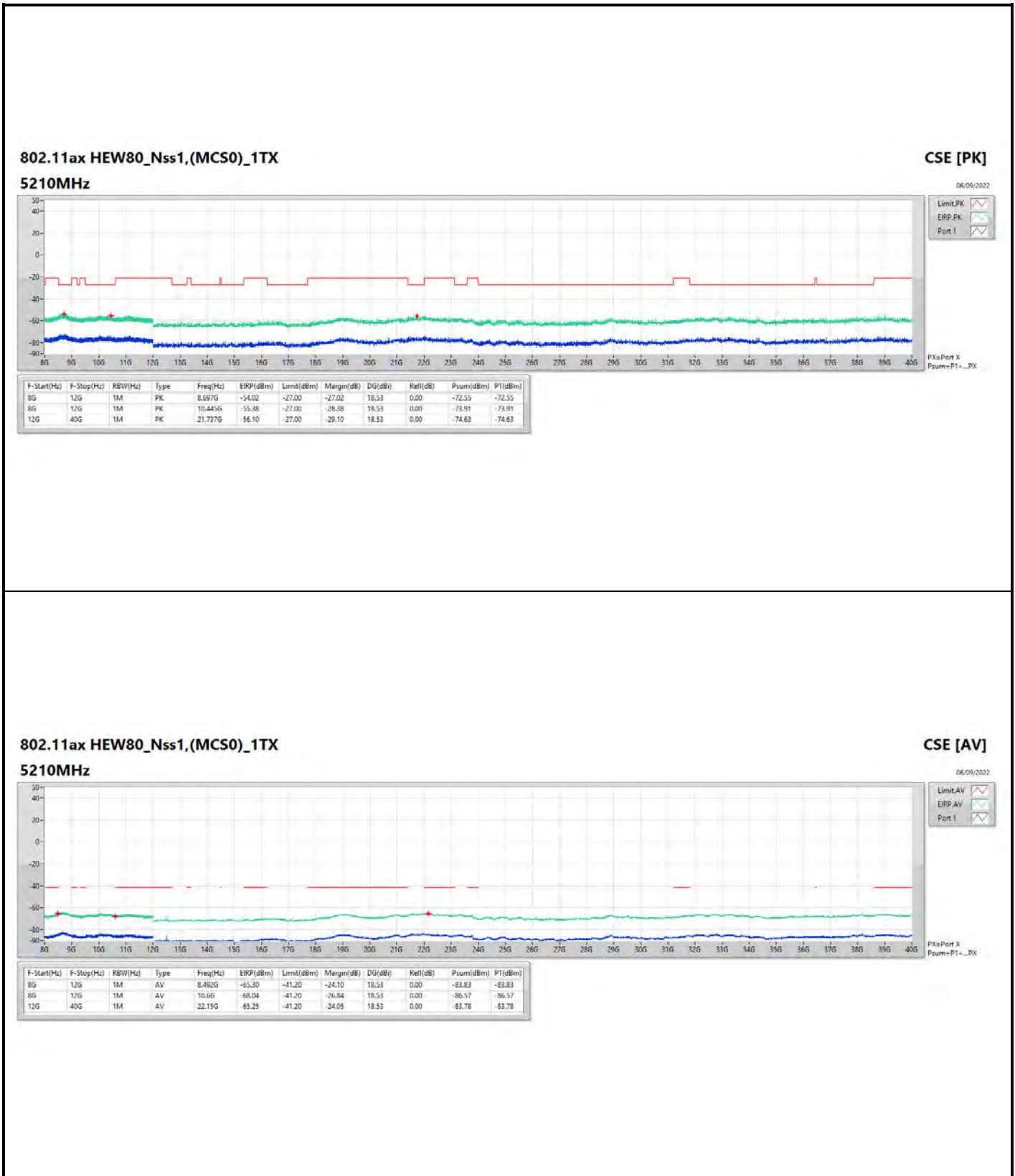
CSE [AV]

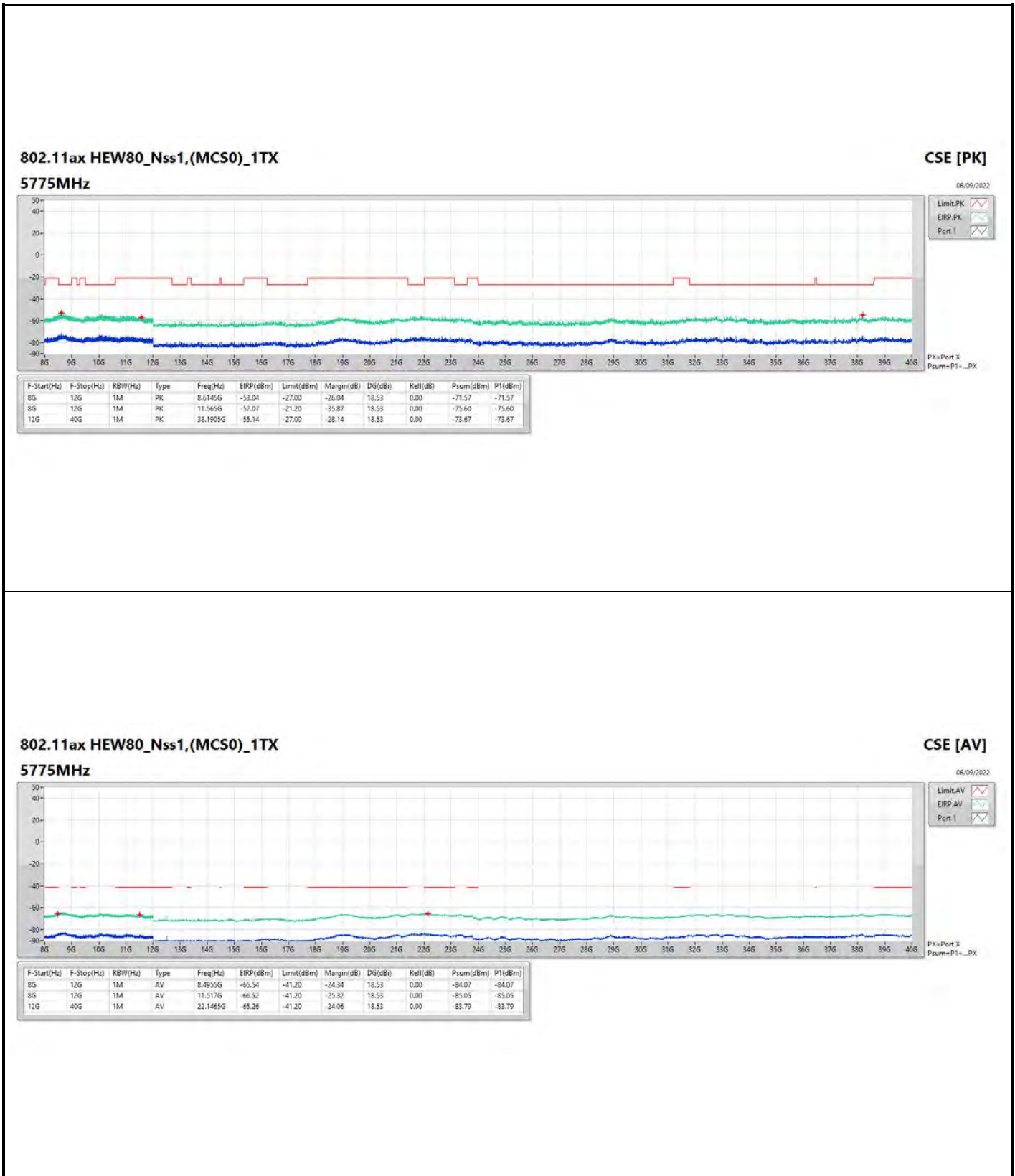
5795MHz

06/09/2022



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	AV	11.5865G	-63.34	-41.20	-22.14	18.53	0.00	-81.87	-81.87
12G	40G	1M	AV	22.0555G	-65.17	-41.20	-23.97	18.53	0.00	-83.70	-83.70





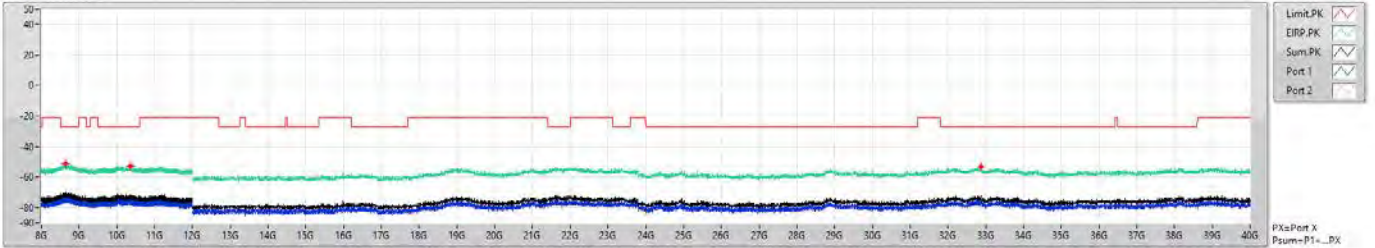


802.11a_Nss1,(6Mbps)_2TX

5180MHz

CSE [PK]

06/09/2022

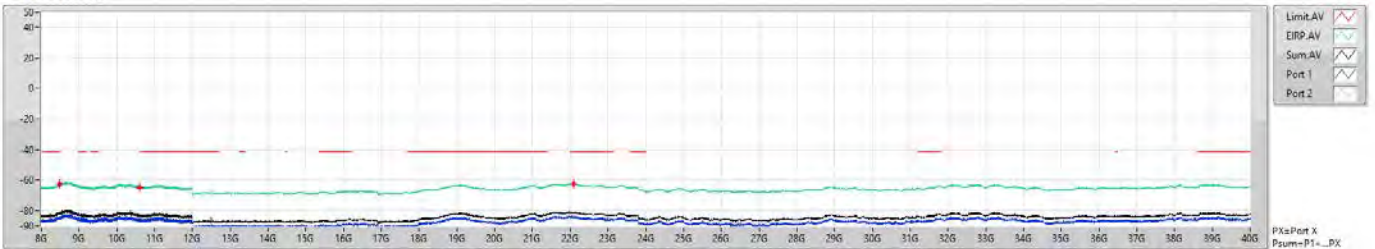


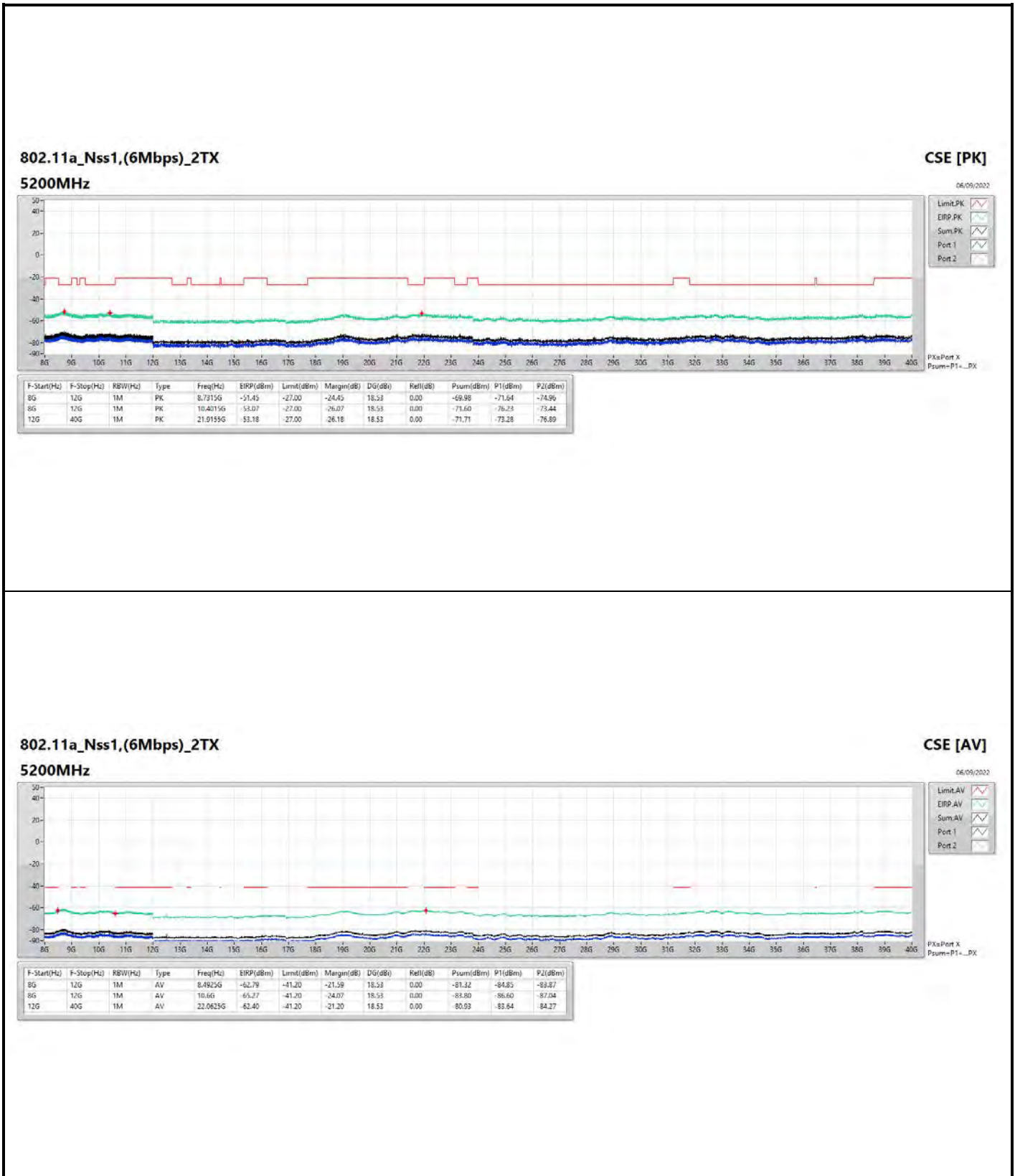
802.11a_Nss1,(6Mbps)_2TX

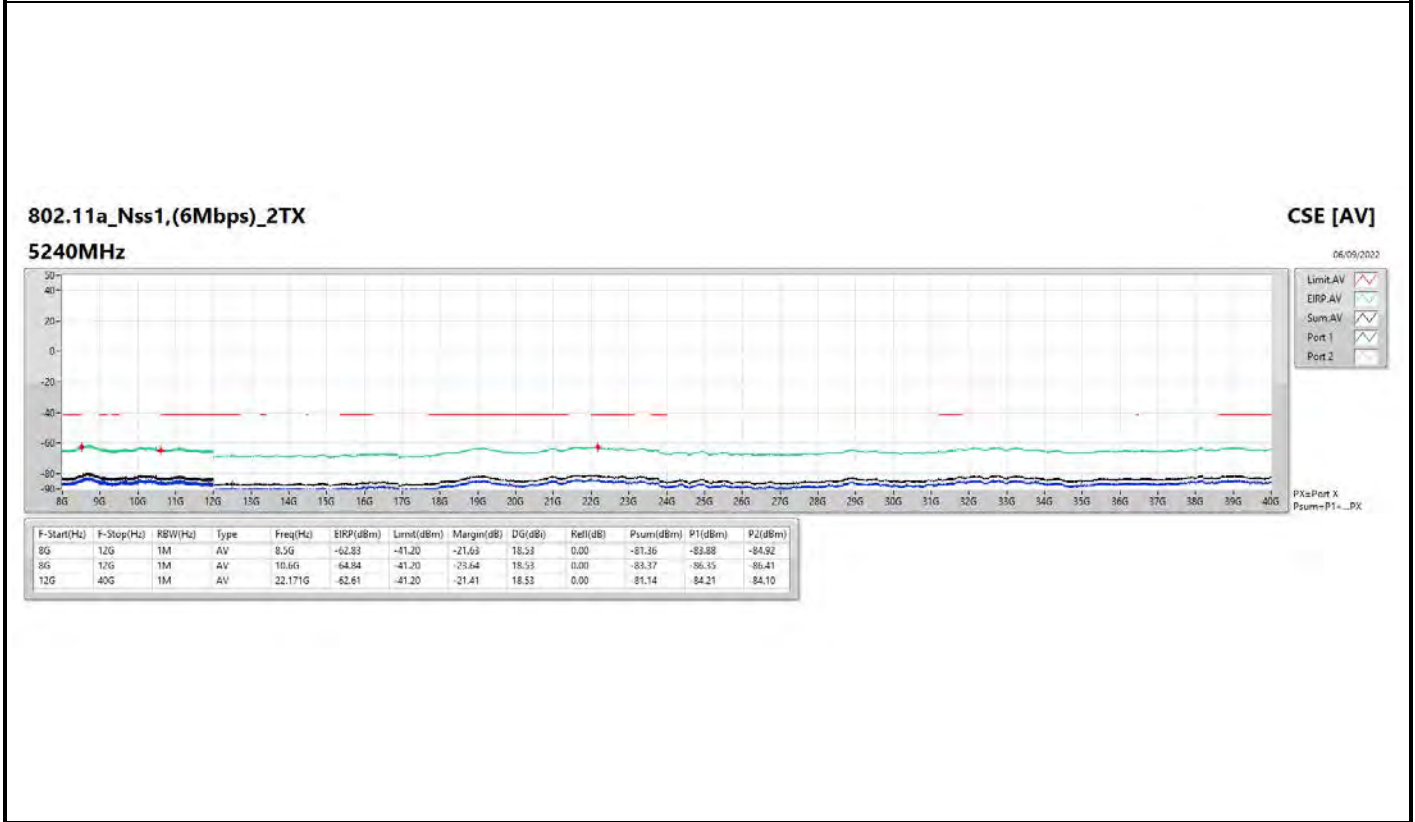
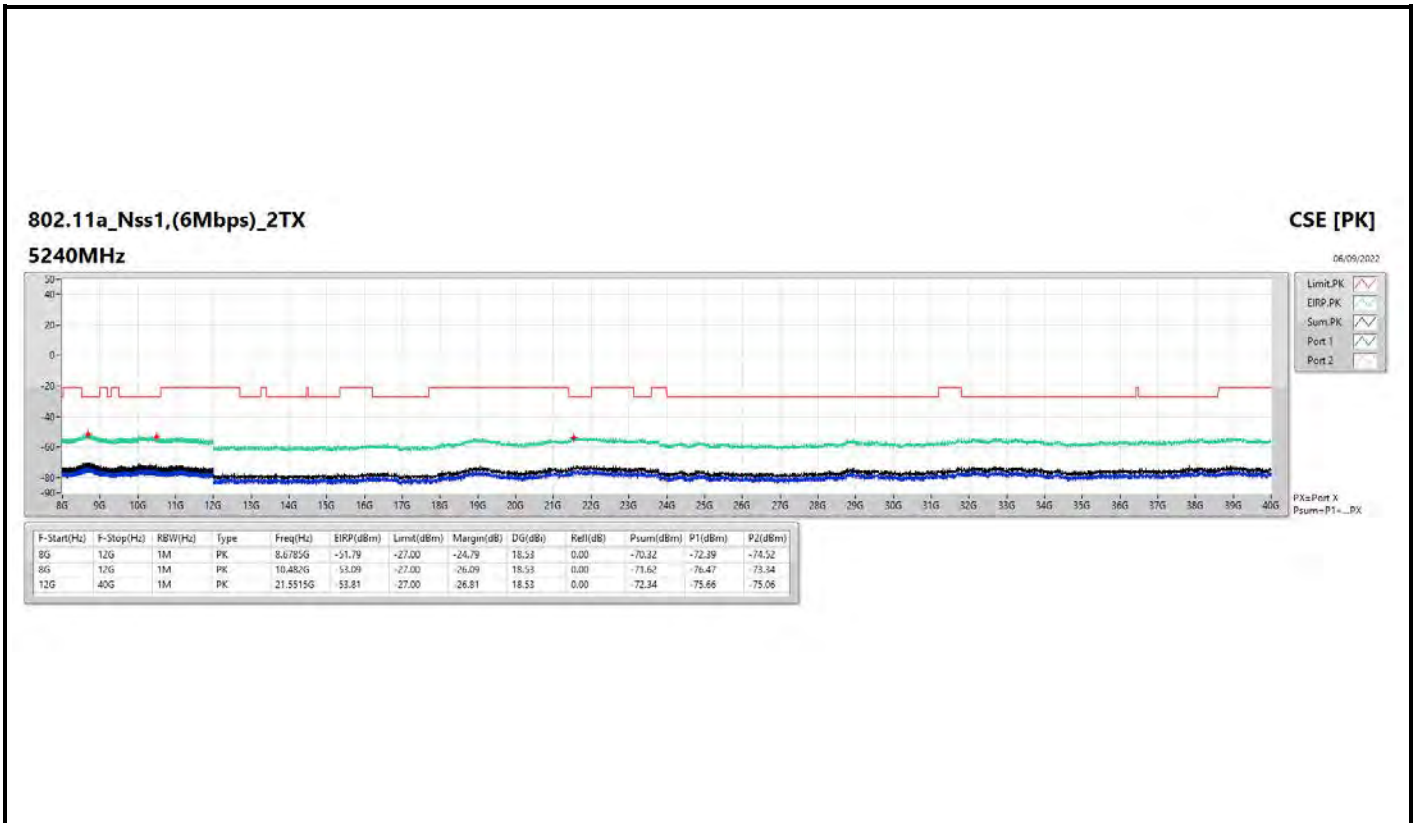
5180MHz

CSE [AV]

06/09/2022





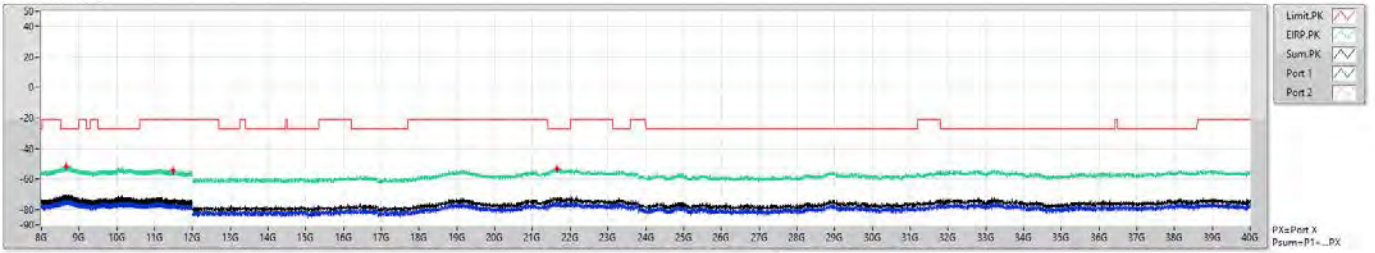


802.11a_Nss1,(6Mbps)_2TX

5745MHz

CSE [PK]

06/09/2022



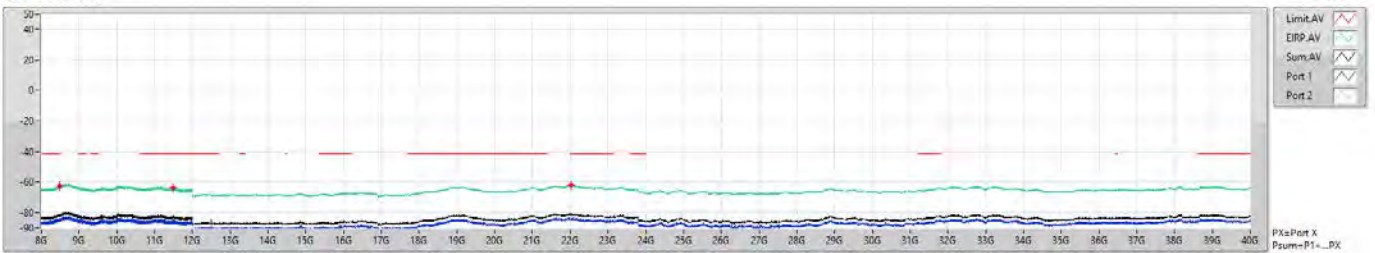
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	PK	8.6545G	-51.92	-27.00	-24.92	18.53	0.00	-70.45	-72.43	-74.82
85G	12G	1M	PK	11.4846G	-54.62	-21.20	-33.42	18.53	0.00	-73.15	-76.74	-75.53
12G	40G	1M	PK	21.6405G	-53.37	-27.00	-26.37	18.53	0.00	-71.90	-77.92	-73.15

802.11a_Nss1,(6Mbps)_2TX

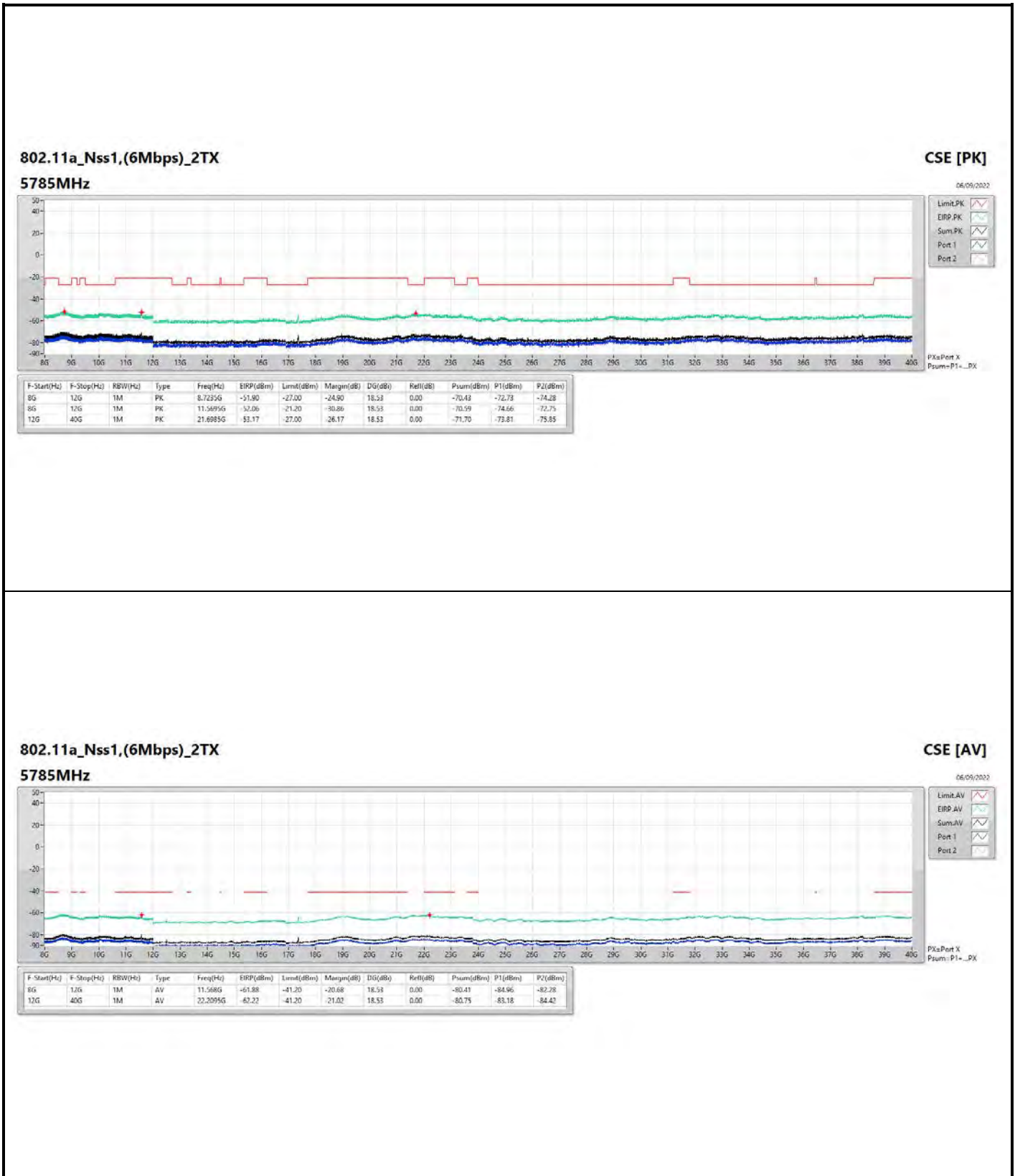
5745MHz

CSE [AV]

06/09/2022



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	AV	8.478G	-62.92	-41.20	-21.72	18.53	0.00	-81.45	-84.19	-84.75
85G	12G	1M	AV	11.4876G	-63.96	-41.20	-22.76	18.53	0.00	-82.49	-85.62	-85.58
12G	40G	1M	AV	22.0345G	-62.34	-41.20	-21.14	18.53	0.00	-80.87	-83.75	-84.01

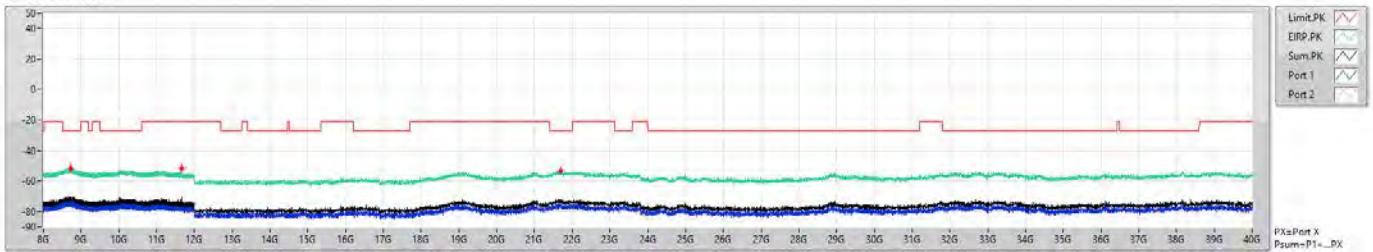


802.11a_Nss1,(6Mbps)_2TX

5825MHz

CSE [PK]

06/09/2022



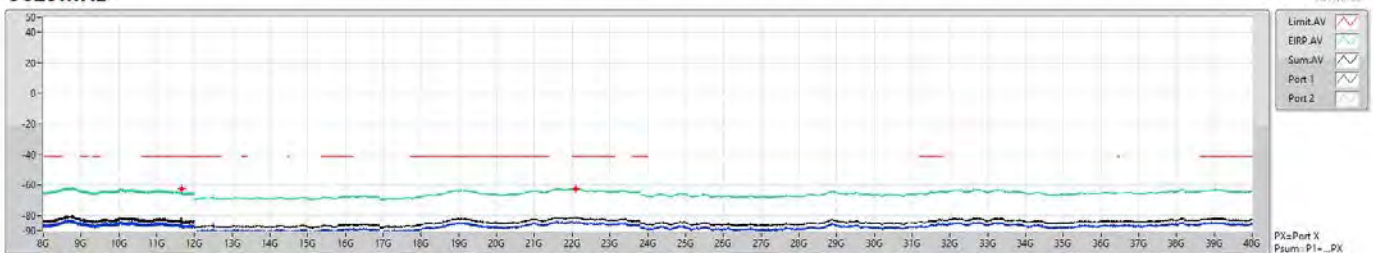
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	8.7185G	-51.87	-27.00	-24.87	18.53	0.00	-70.40	-72.79	-74.14
8G	12G	1M	PK	11.6525G	-51.87	-21.20	-30.67	18.53	0.00	-70.40	-71.14	-78.44
12G	40G	1M	PK	21.6845G	53.35	-27.00	-26.35	18.53	0.00	-71.88	-74.50	-75.32

802.11a_Nss1,(6Mbps)_2TX

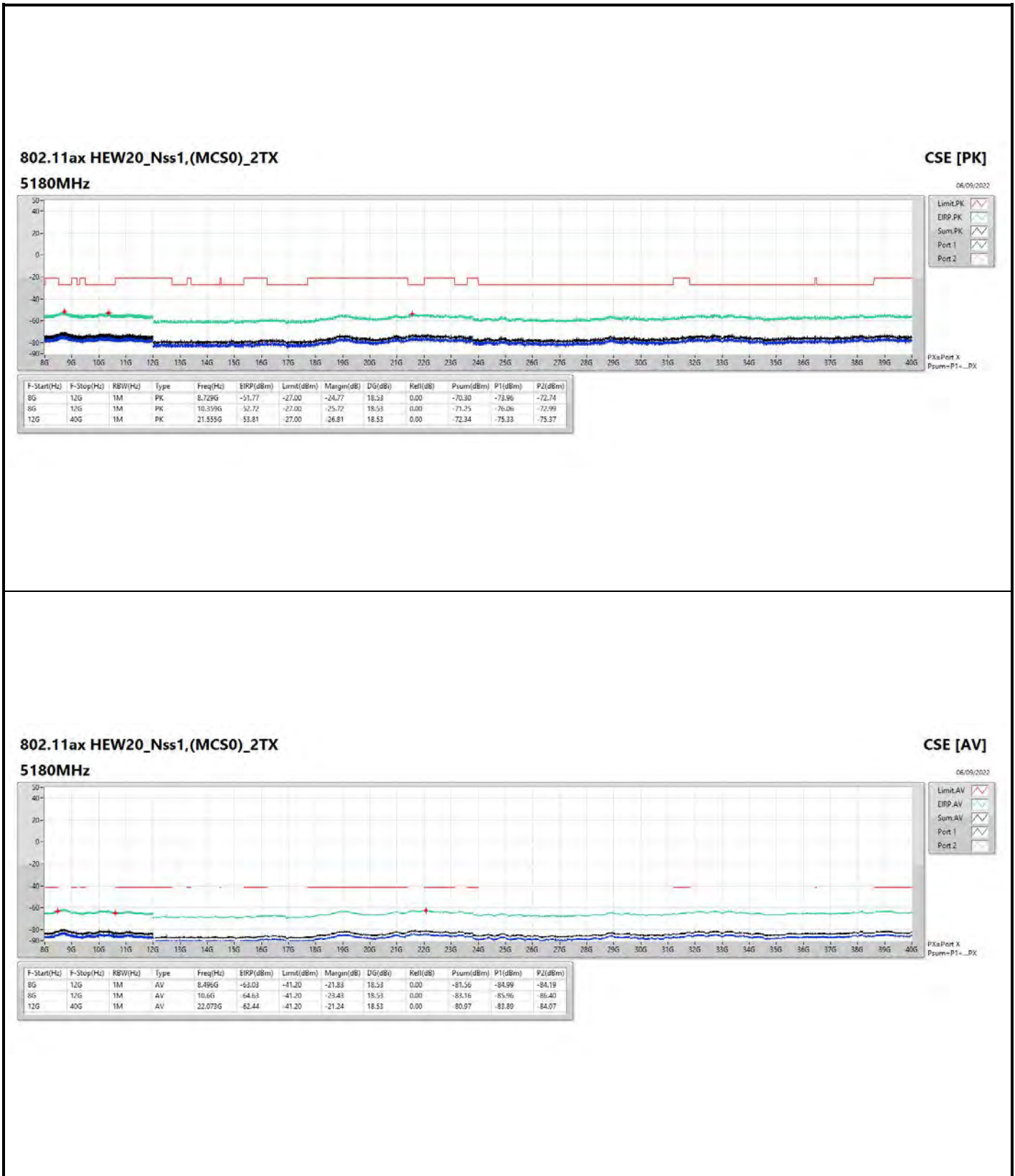
5825MHz

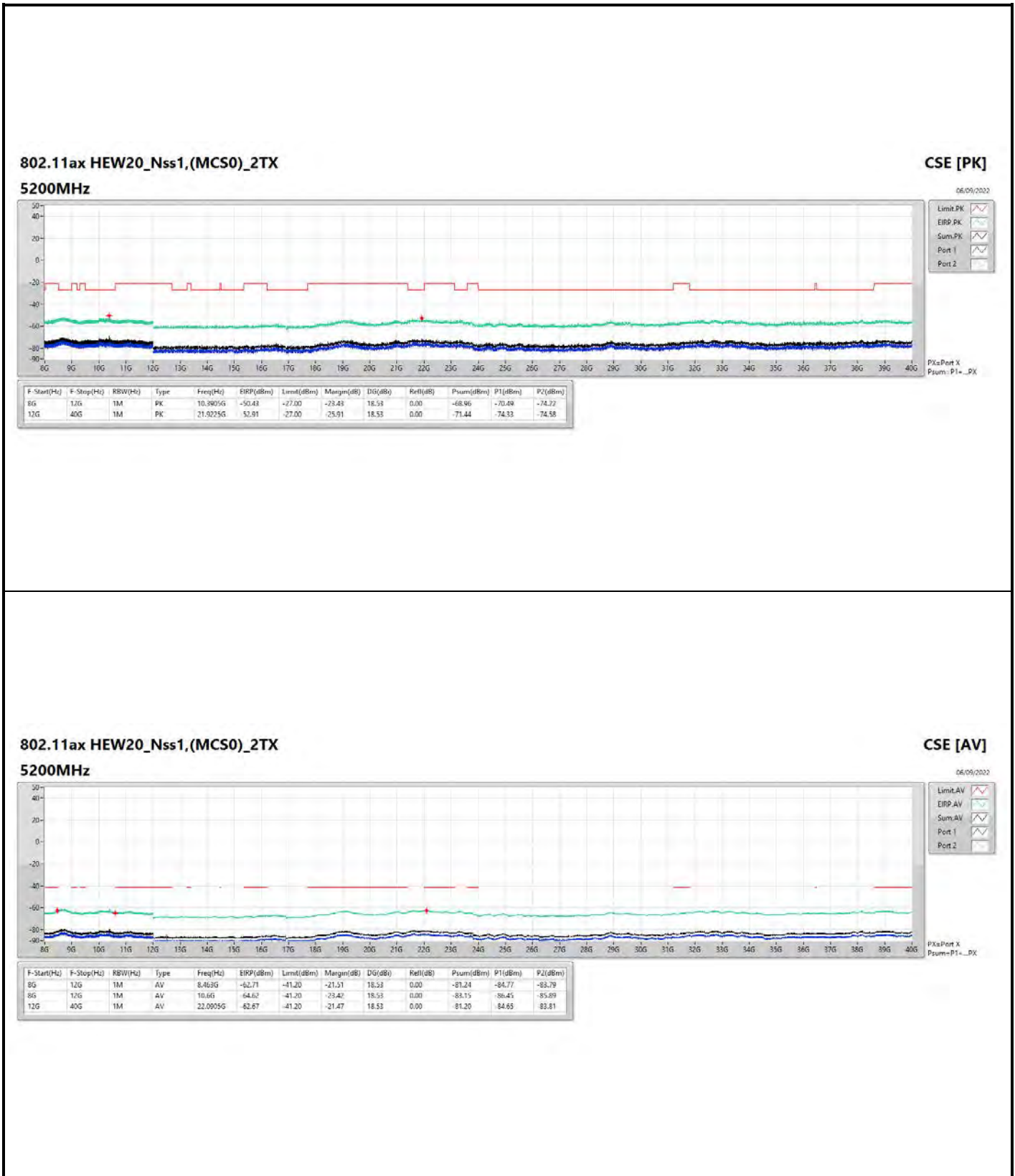
CSE [AV]

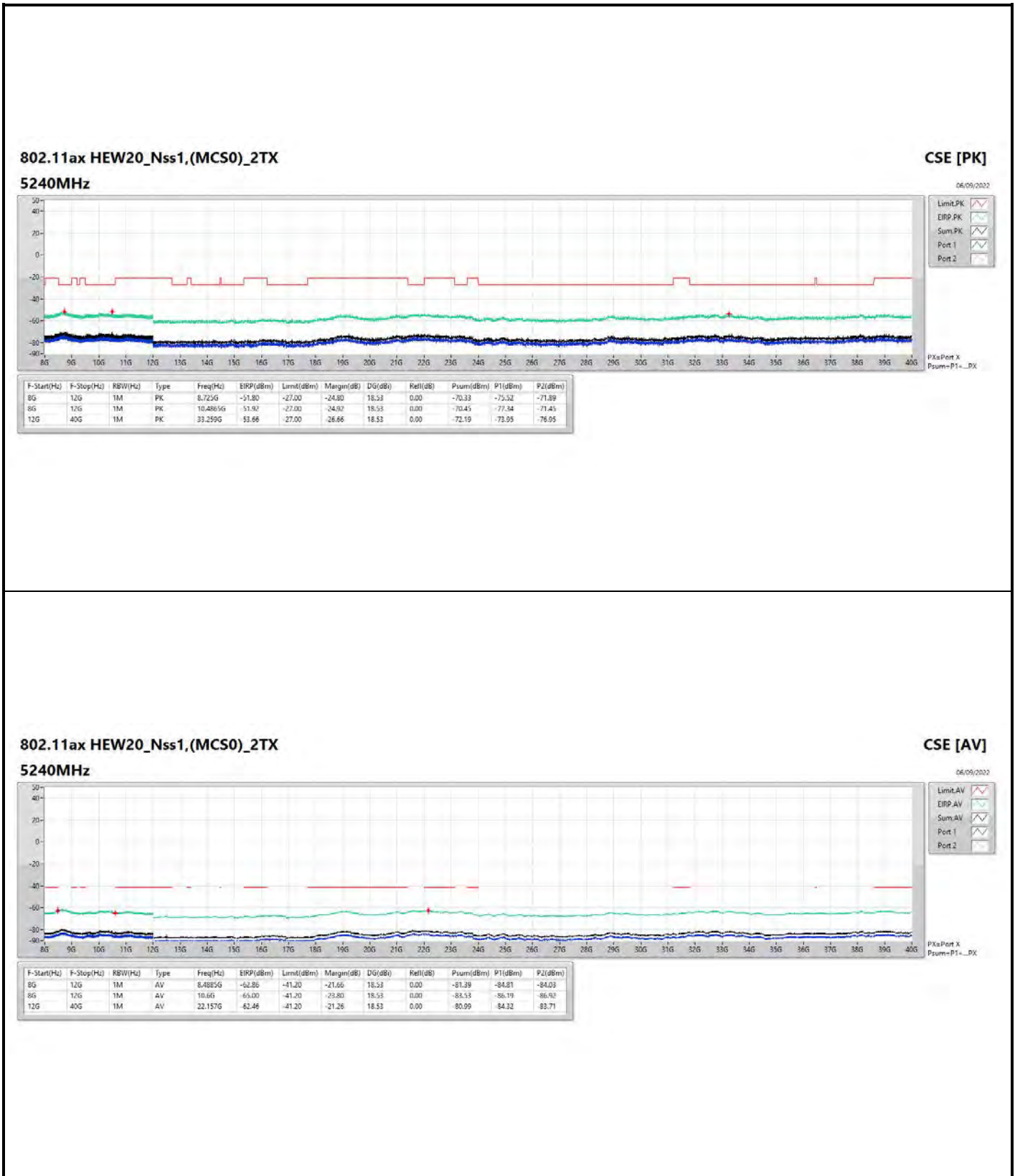
06/09/2022



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)	P2(dBm)
8G	12G	1M	AV	11.652G	-62.52	-41.20	-21.32	18.53	0.00	-81.05	-82.32	-87.00
12G	40G	1M	AV	22.0835G	-62.39	-41.20	-21.19	18.53	0.00	-80.92	-84.14	-83.73





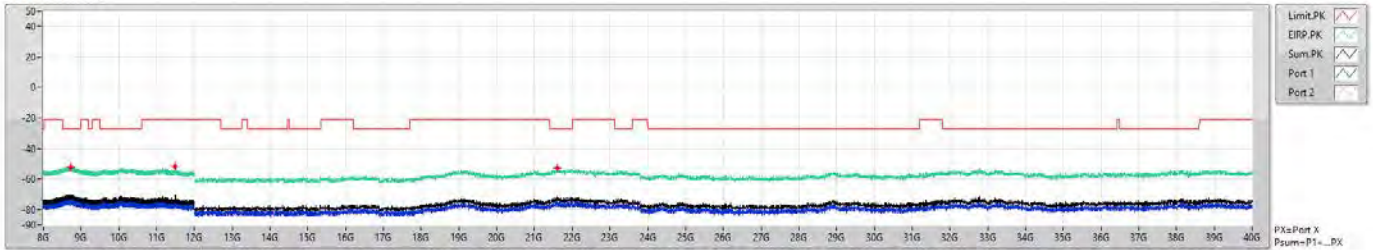


802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE [PK]

06/09/2022



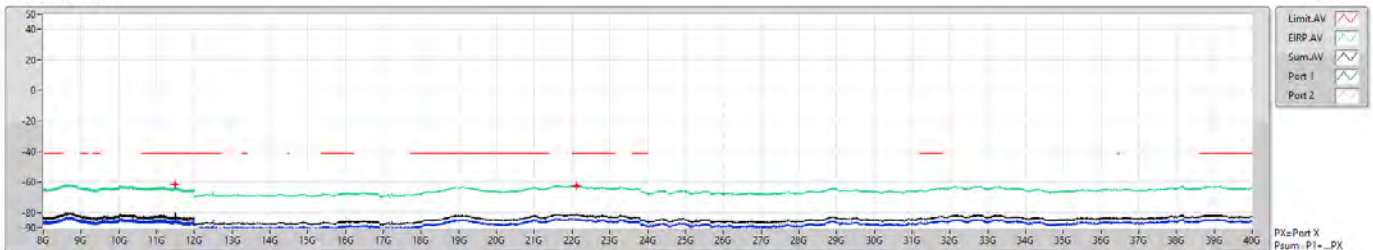
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	8.7375G	-52.17	-27.00	-25.17	18.53	0.00	-70.70	-72.93	-74.66
3G	12G	1M	PK	11.486G	-51.90	-21.20	-30.70	18.53	0.00	-70.43	-72.02	-75.57
12G	40G	1M	PK	21.597G	-52.85	-27.00	-25.85	18.53	0.00	-71.38	-73.41	-75.67

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

CSE [AV]

06/09/2022



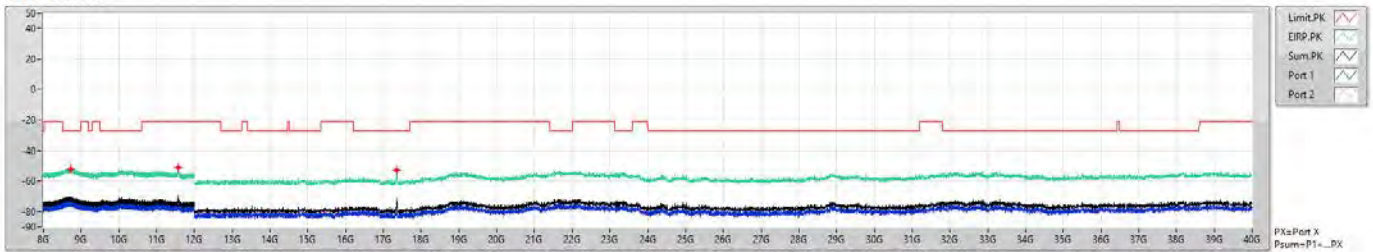
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	AV	11.4915G	-61.46	-41.20	-20.26	18.53	0.00	-79.99	-81.41	-85.52
12G	40G	1M	AV	22.1185G	-62.42	-41.20	-21.22	18.53	0.00	-80.95	-84.15	-88.78

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz

CSE [PK]

06/09/2022



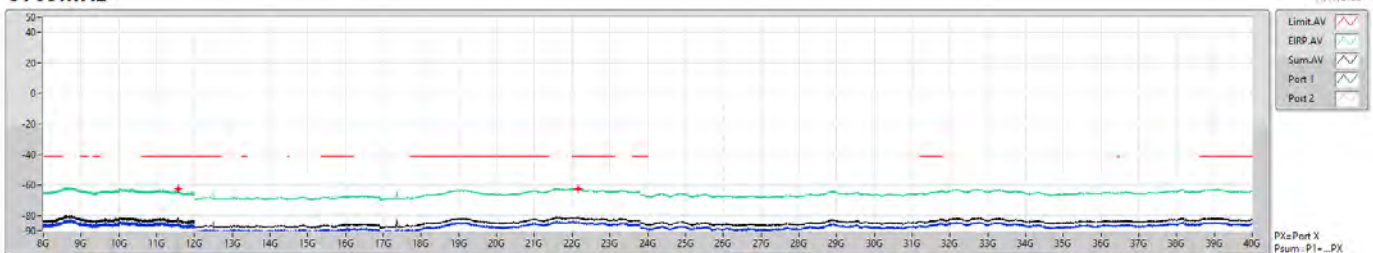
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
8G	12G	1M	PK	8.72G	-52.02	-27.00	-25.02	18.53	0.00	-70.55	-75.33	-72.80
8G	12G	1M	PK	11.57G	-51.17	-21.00	-29.97	18.53	0.00	-69.70	-76.09	-70.83
12G	40G	1M	PK	17.355G	-53.00	-27.00	-26.00	18.53	0.00	-71.53	-82.00	-71.86

802.11ax HEW20_Nss1,(MCS0)_2TX

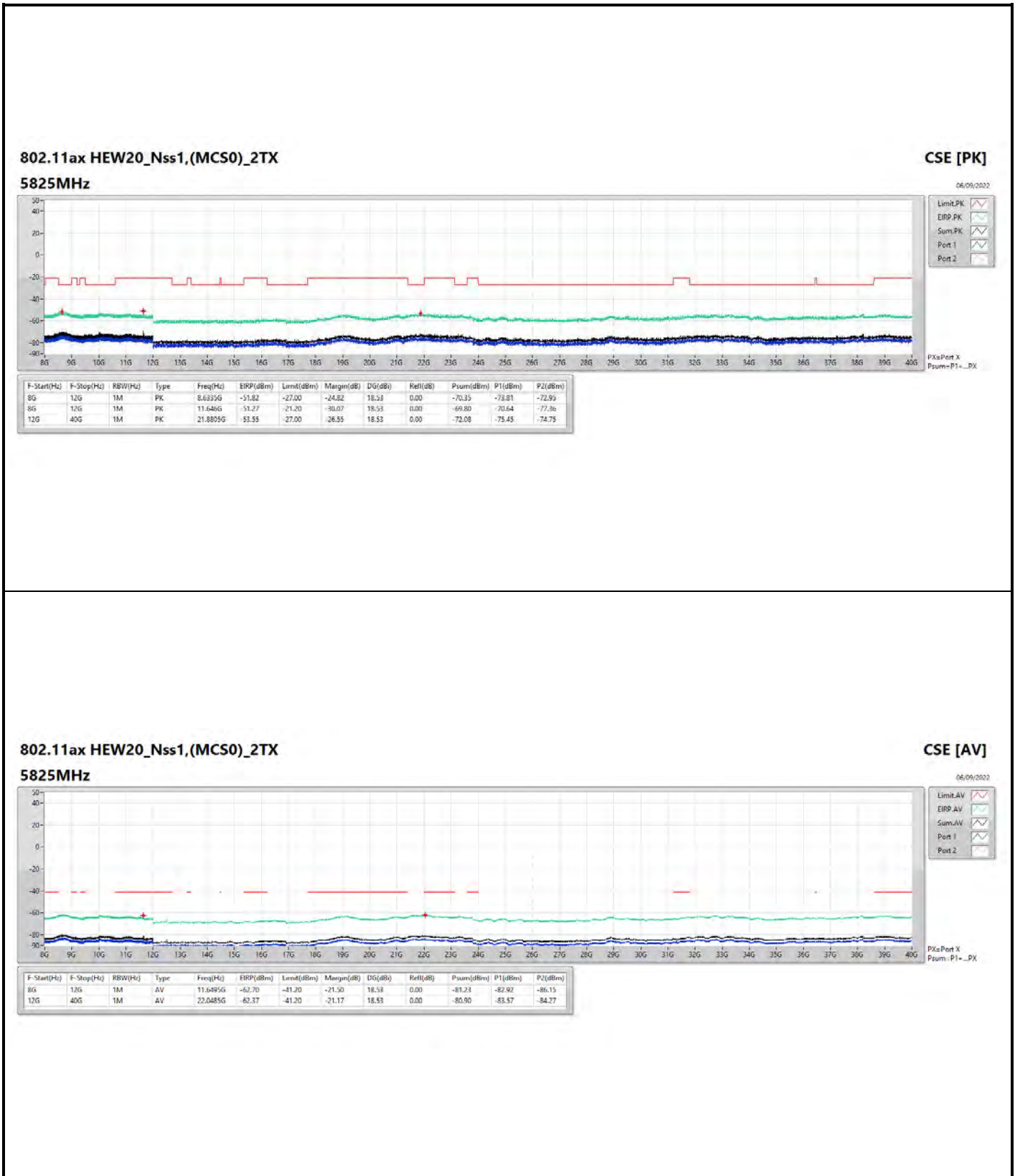
5785MHz

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)	P2(dBm)
8G	12G	1M	AV	11.5735G	-62.49	-41.20	-21.29	18.53	0.00	-81.02	-84.89	-83.31
12G	40G	1M	AV	22.184G	-62.45	-41.20	-21.25	18.53	0.00	-80.98	-84.19	-83.79

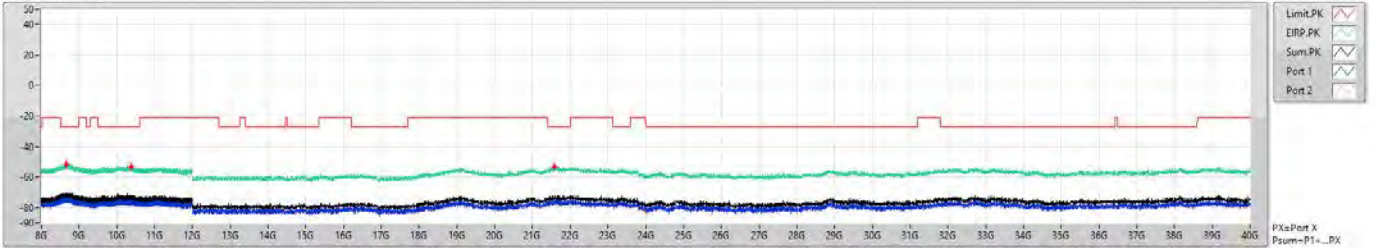


802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

5190MHz

06/09/2022



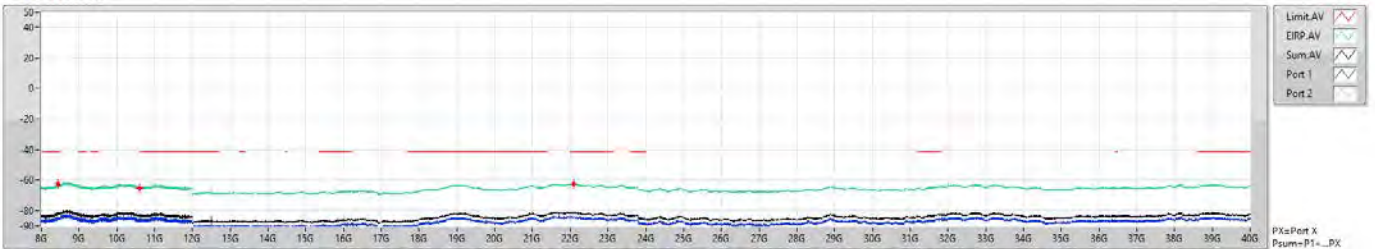
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85G	12G	1M	PK	8.6635G	-51.74	-27.00	-24.74	18.53	0.00	-70.27	-74.26	-72.48
85G	12G	1M	PK	10.3815G	-53.46	-27.00	-26.46	18.53	0.00	-71.99	-75.54	-74.53
12G	40G	1M	PK	21.5795G	-53.49	-27.00	-26.49	18.53	0.00	-72.02	-77.53	-73.45

802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

5190MHz

06/09/2022



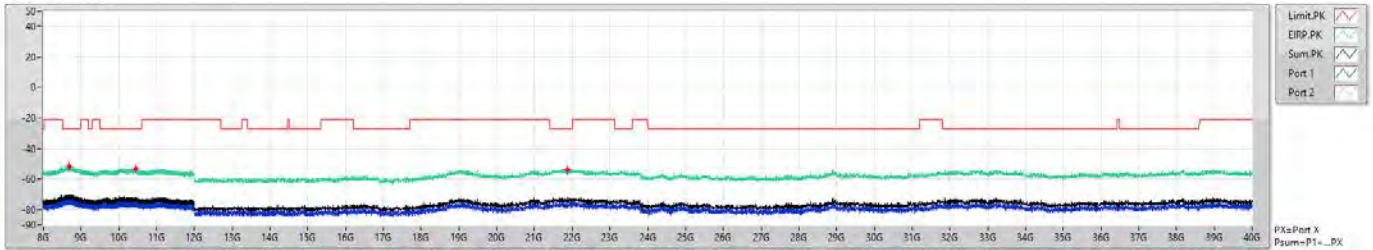
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85G	12G	1M	AV	8.4485G	-62.90	-41.20	-21.70	18.53	0.00	-81.43	-85.13	-83.83
85G	12G	1M	AV	10.66G	-65.25	-41.20	-24.05	18.53	0.00	-83.78	-86.78	-86.50
12G	40G	1M	AV	22.101G	-62.57	-41.20	-21.37	18.53	0.00	-81.10	-84.39	-83.85

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz

CSE [PK]

06/09/2022



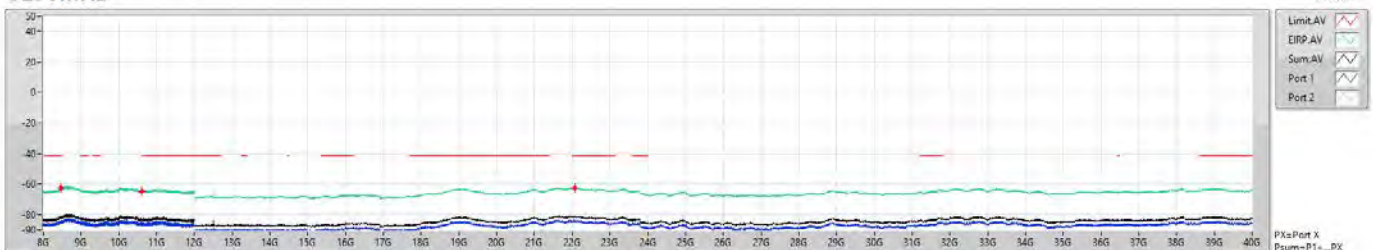
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	PK	8.6925G	-51.53	-27.00	-24.53	18.53	0.00	-70.06	-73.54	-72.64
85G	12G	1M	PK	10.458G	-53.50	-27.00	-26.50	18.53	0.00	-72.03	-76.00	-74.25
12G	40G	1M	PK	21.8735G	-53.64	-27.00	-26.64	18.53	0.00	-72.17	-75.44	-74.93

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz

CSE [AV]

06/09/2022



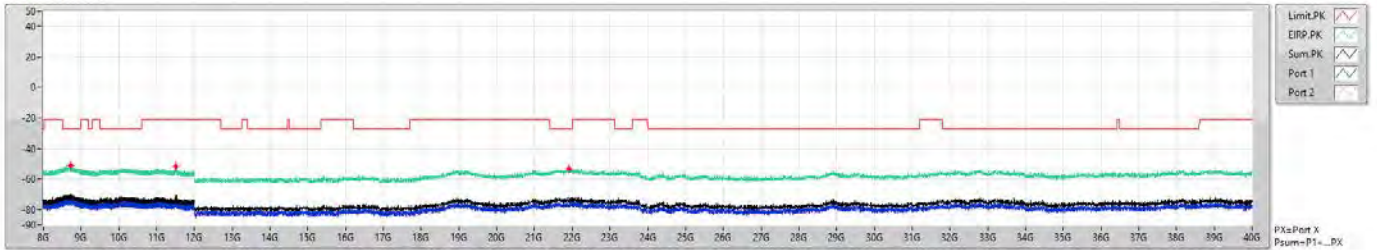
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	AV	8.698G	-62.83	-41.20	-21.63	18.53	0.00	-81.36	-83.95	-84.83
85G	12G	1M	AV	10.46	-64.83	-41.20	-23.63	18.53	0.00	-83.36	-86.48	-86.27
12G	40G	1M	AV	22.0735G	-62.49	-41.20	-21.29	18.53	0.00	-81.02	-84.24	-83.83

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz

CSE [PK]

06/09/2022



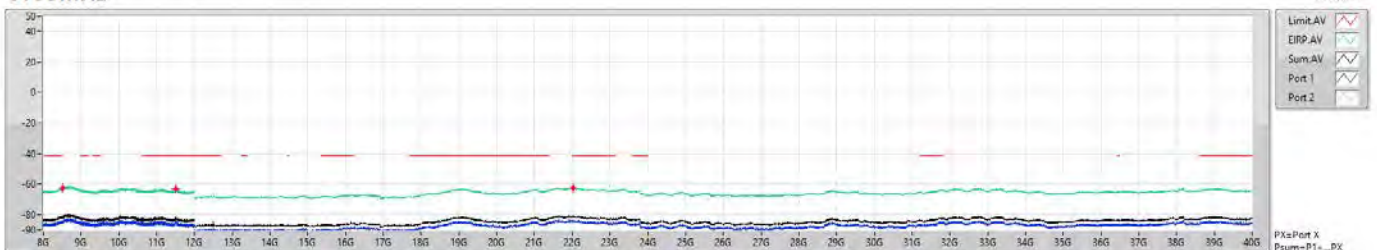
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	PK	8.7185G	-51.12	-27.00	-24.12	18.58	0.00	-69.65	-74.23	-71.51
86	12G	1M	PK	11.5146	-51.94	-21.20	-30.74	18.53	0.00	-70.47	-71.44	-77.45
12G	40G	1M	PK	21.9085G	-53.48	-27.00	-26.48	18.53	0.00	-72.01	-76.83	-73.74

802.11ax HEW40_Nss1,(MCS0)_2TX

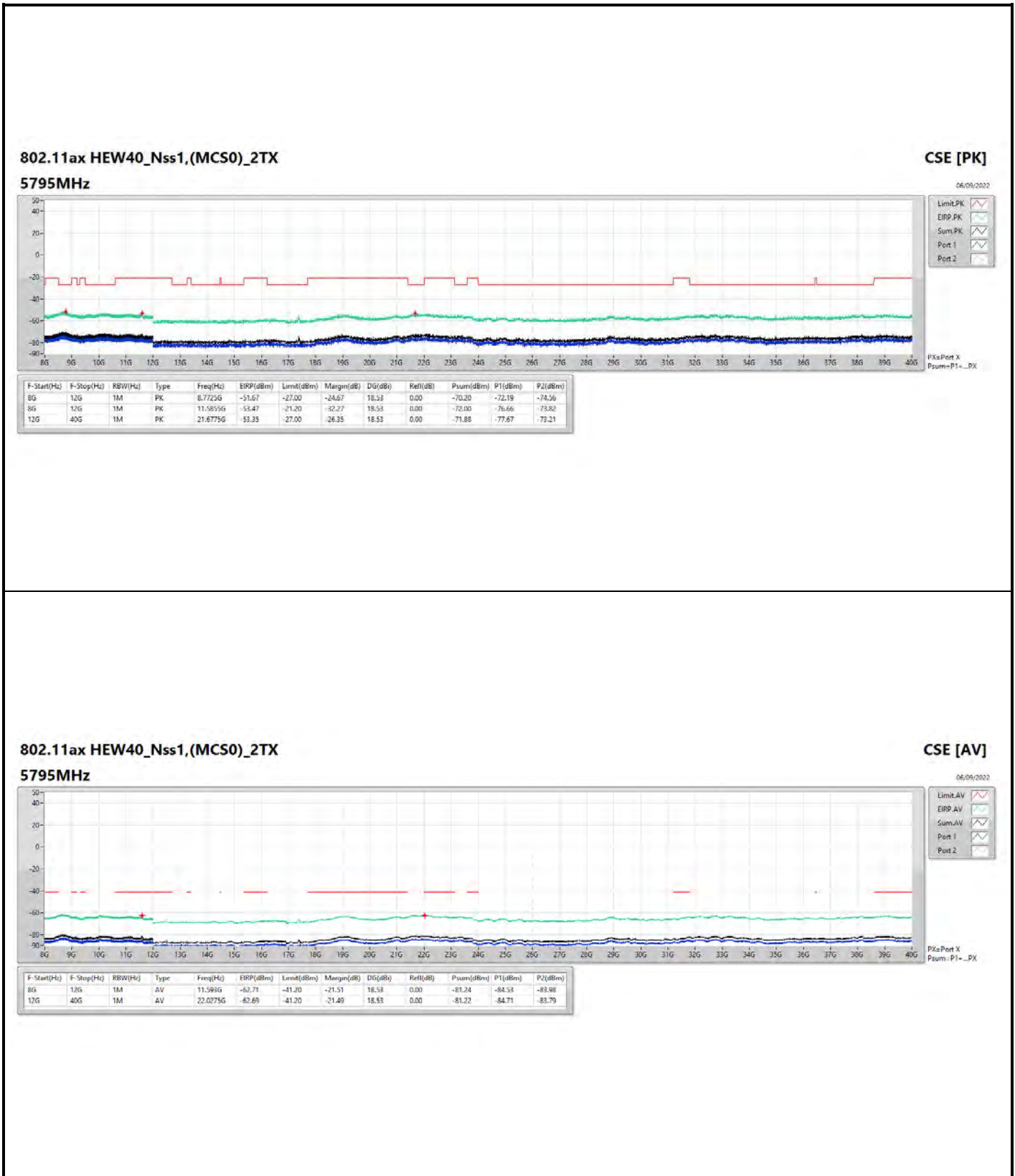
5755MHz

CSE [AV]

06/09/2022



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	AV	8.4965G	-62.77	-41.20	-21.57	18.58	0.00	-81.30	-84.82	-83.83
86	12G	1M	AV	11.5015G	-63.10	-41.20	-21.90	18.53	0.00	-81.63	-83.54	-86.18
12G	40G	1M	AV	22.024G	-62.44	-41.20	-21.24	18.53	0.00	-80.97	-83.72	-84.25

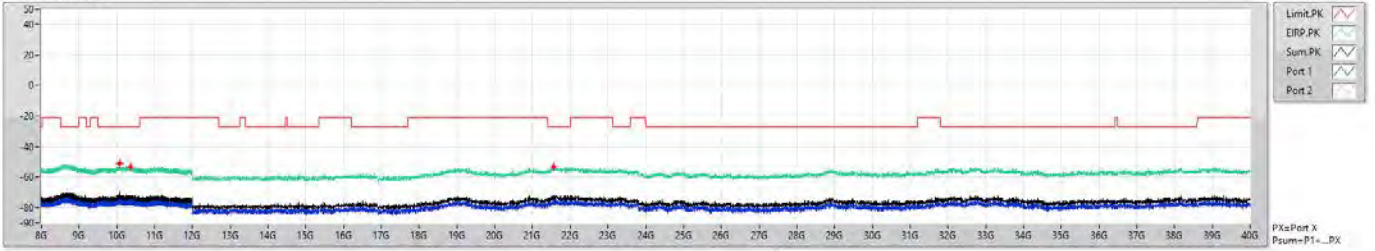


802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5210MHz

06/09/2022



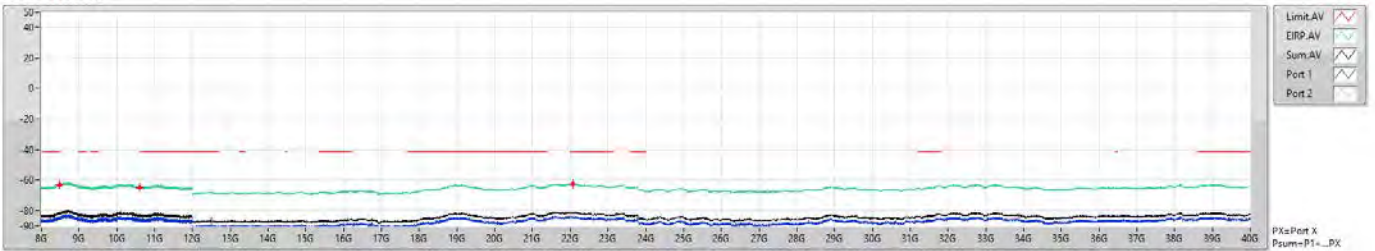
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85G	12G	1M	PK	10.0675G	-51.25	-27.00	-24.25	18.58	0.00	-69.78	-71.75	-74.16
85G	12G	1M	PK	10.3686G	-58.28	-27.00	-31.28	18.53	0.00	-71.81	-74.77	-74.87
12G	40G	1M	PK	21.5655G	-53.36	-27.00	-26.36	18.53	0.00	-71.89	-74.85	-74.95

802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [AV]

5210MHz

06/09/2022



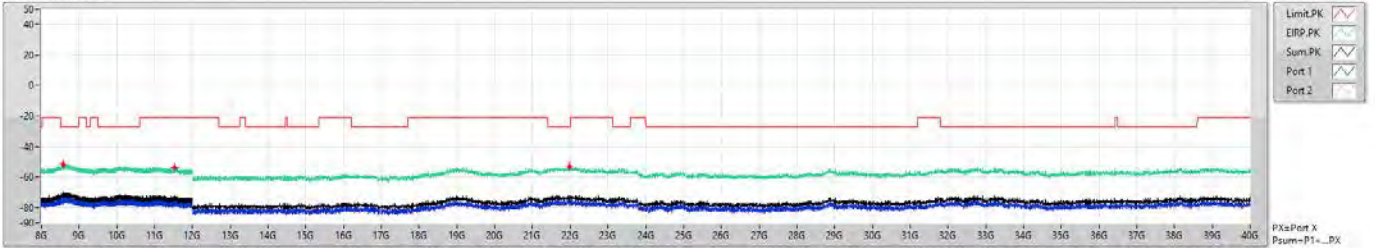
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85G	12G	1M	AV	8.477G	-62.93	-41.20	-21.73	18.58	0.00	-81.46	-84.47	-84.47
85G	12G	1M	AV	10.66G	-65.04	-41.20	-23.84	18.53	0.00	-83.57	-86.50	-86.67
12G	40G	1M	AV	22.0695G	-62.65	-41.20	-21.45	18.53	0.00	-81.18	-84.44	-83.96

802.11ax HEW80_Nss1,(MCS0)_2TX

CSE [PK]

5775MHz

06/09/2022



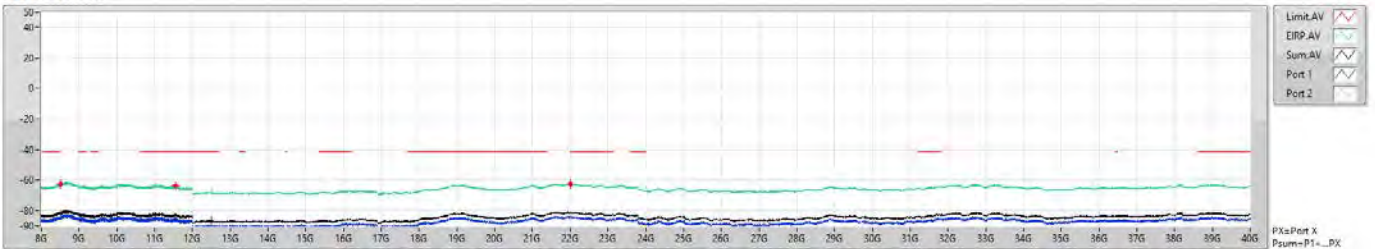
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	PK	8.579G	-51.46	-27.00	-24.46	18.53	0.00	-69.99	-75.71	-71.34
85	12G	1M	PK	11.538G	-54.16	-21.20	-32.96	18.53	0.00	-72.69	-75.67	-75.73
12G	40G	1M	PK	21.0855G	-53.41	-27.00	-26.41	18.53	0.00	-71.94	-73.55	-77.03

802.11ax HEW80_Nss1,(MCS0)_2TX

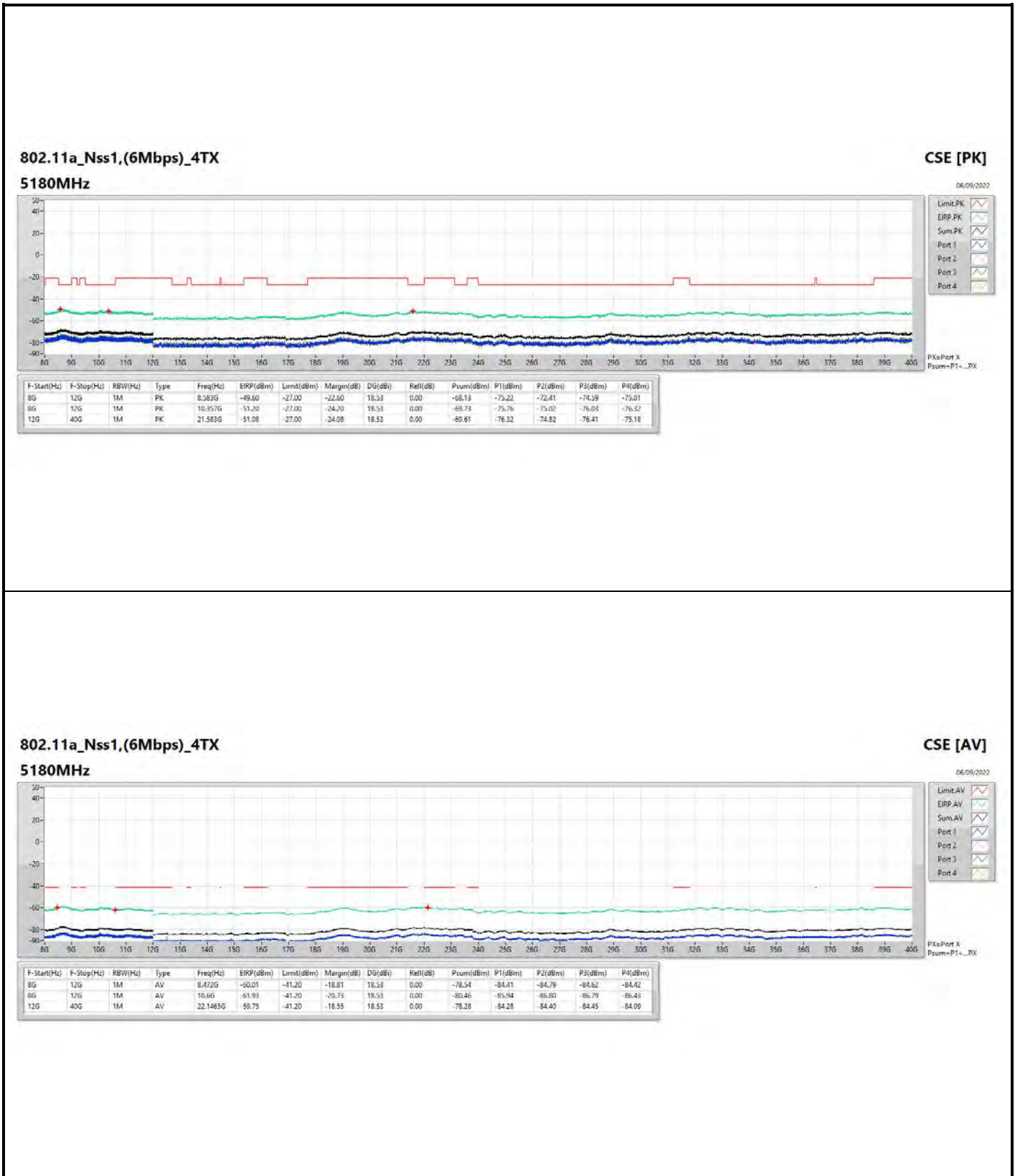
CSE [AV]

5775MHz

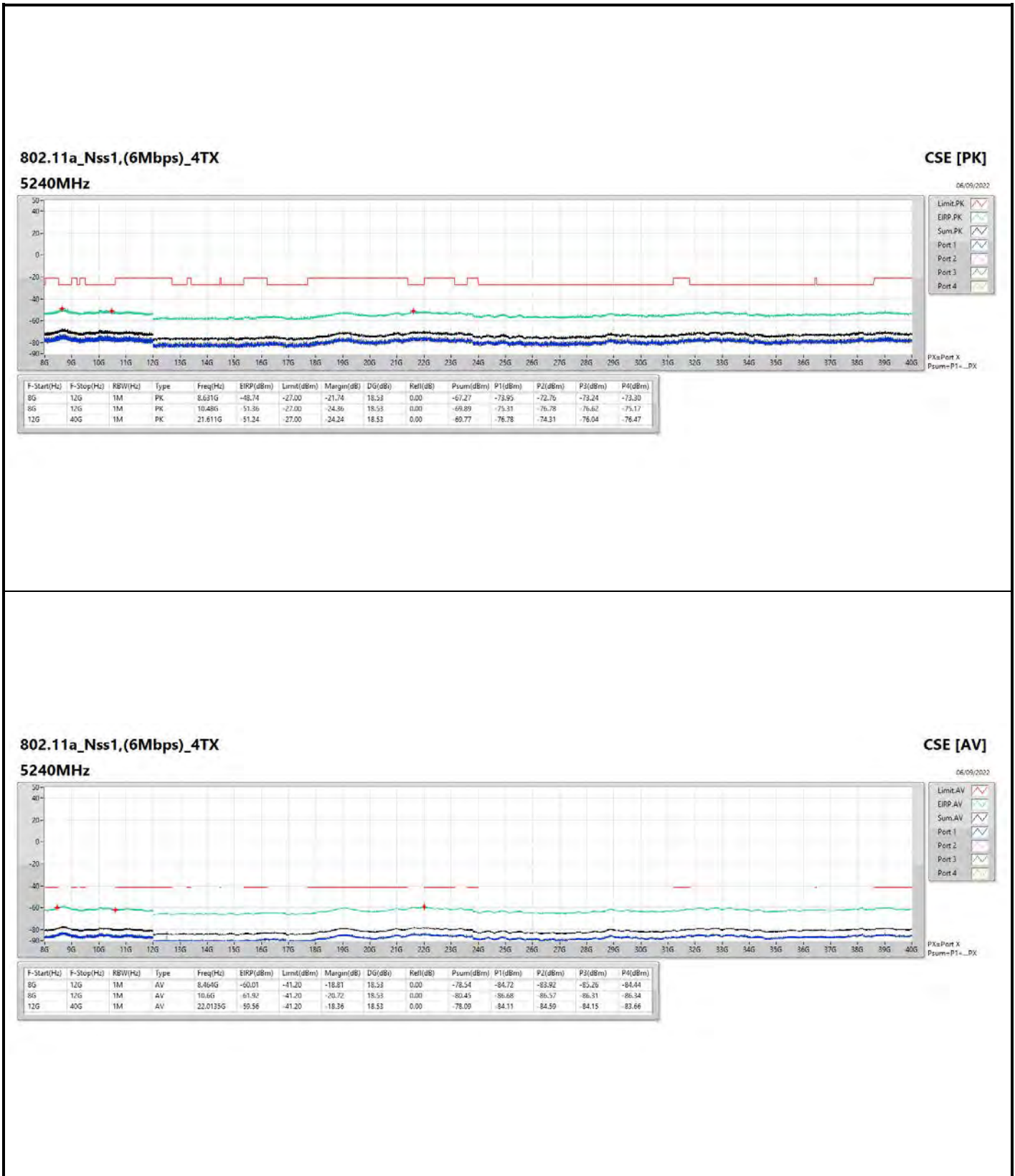
06/09/2022

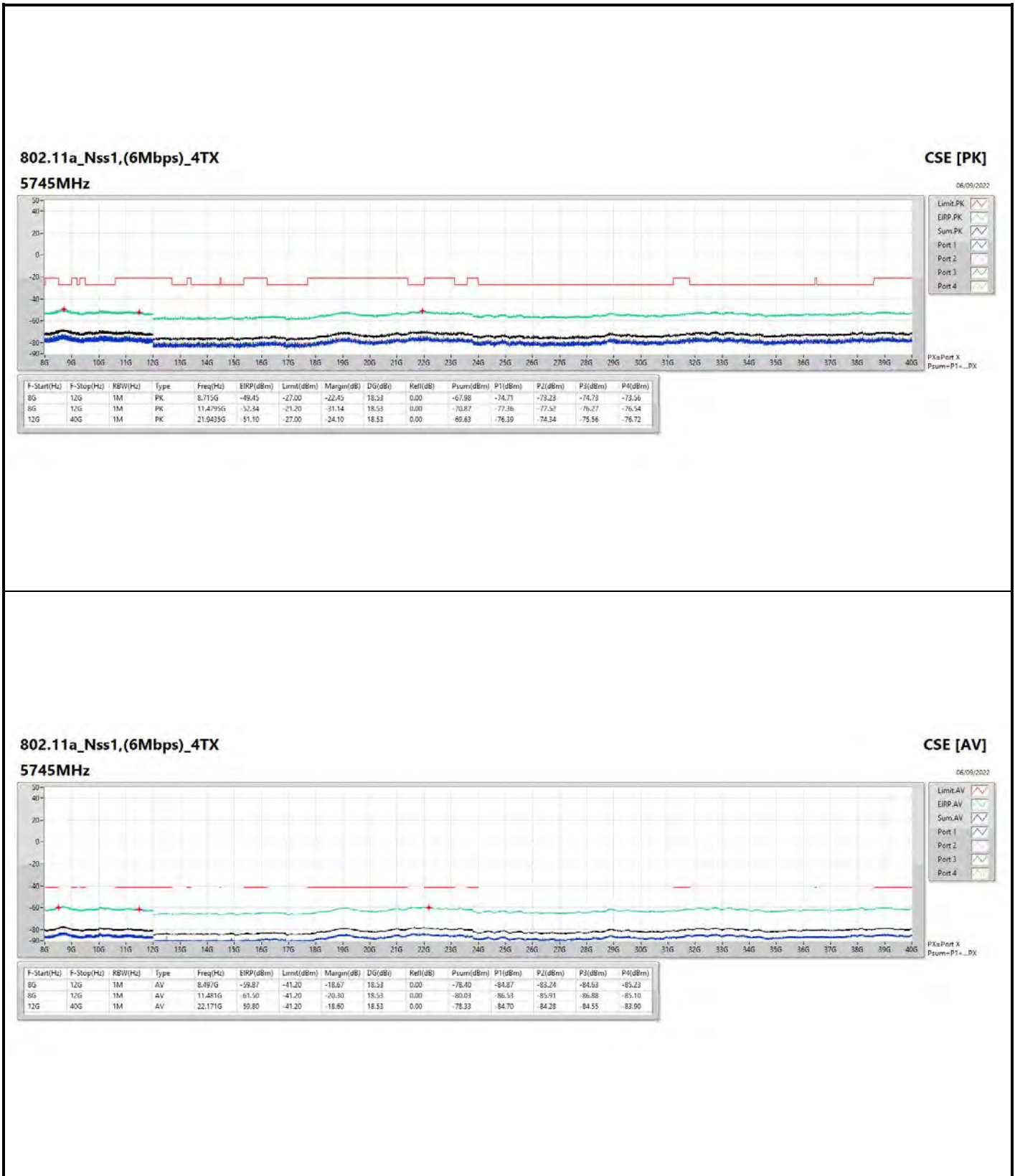


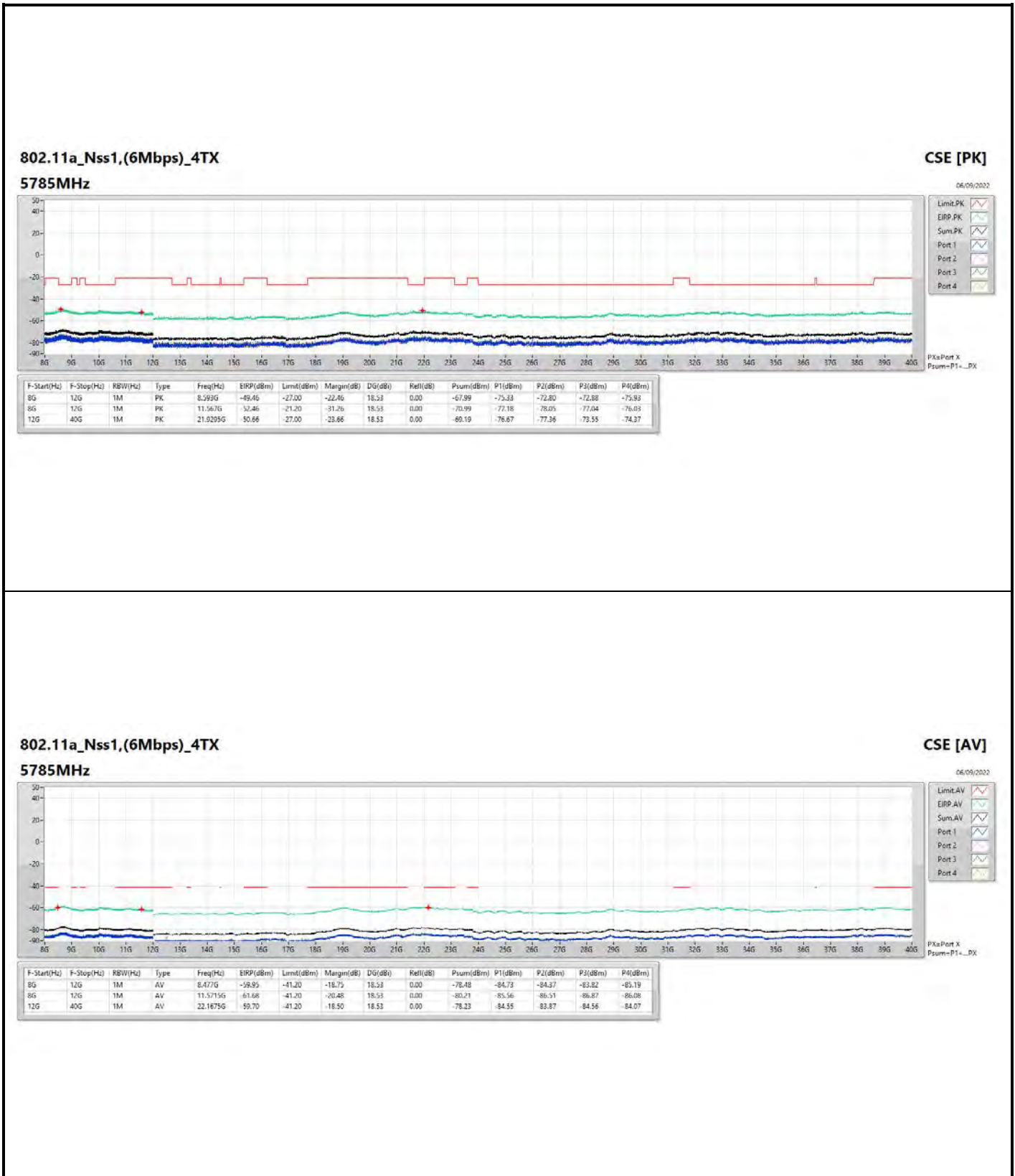
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Red(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
85	12G	1M	AV	8.4985G	-62.93	-41.20	-21.71	18.53	0.00	-81.44	-84.68	-84.23
85	12G	1M	AV	11.548G	-64.77	-41.20	-23.57	18.53	0.00	-82.30	-85.73	-85.39
12G	40G	1M	AV	22.0135G	-62.77	-41.20	-21.57	18.53	0.00	-81.30	-84.22	-84.41

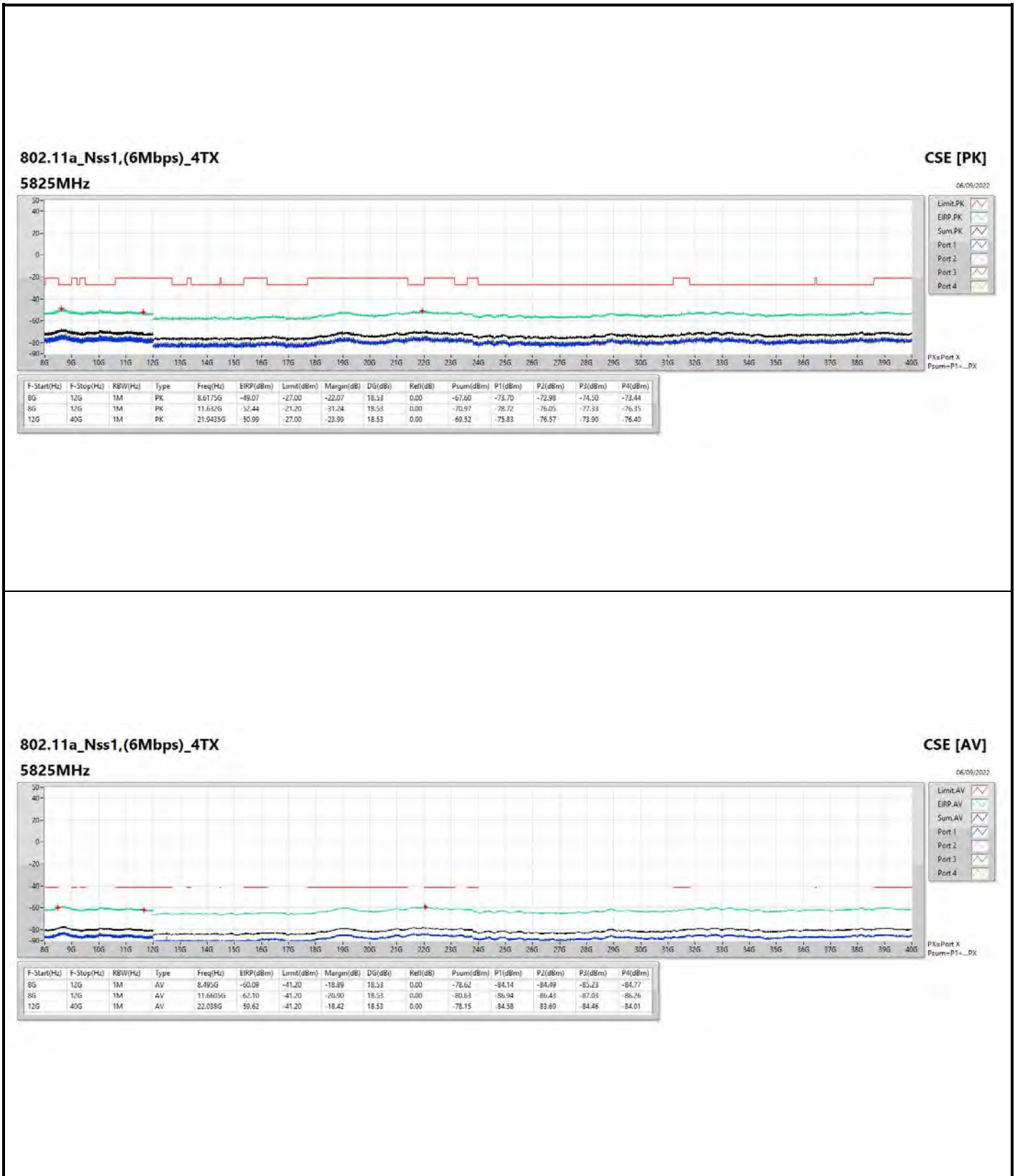


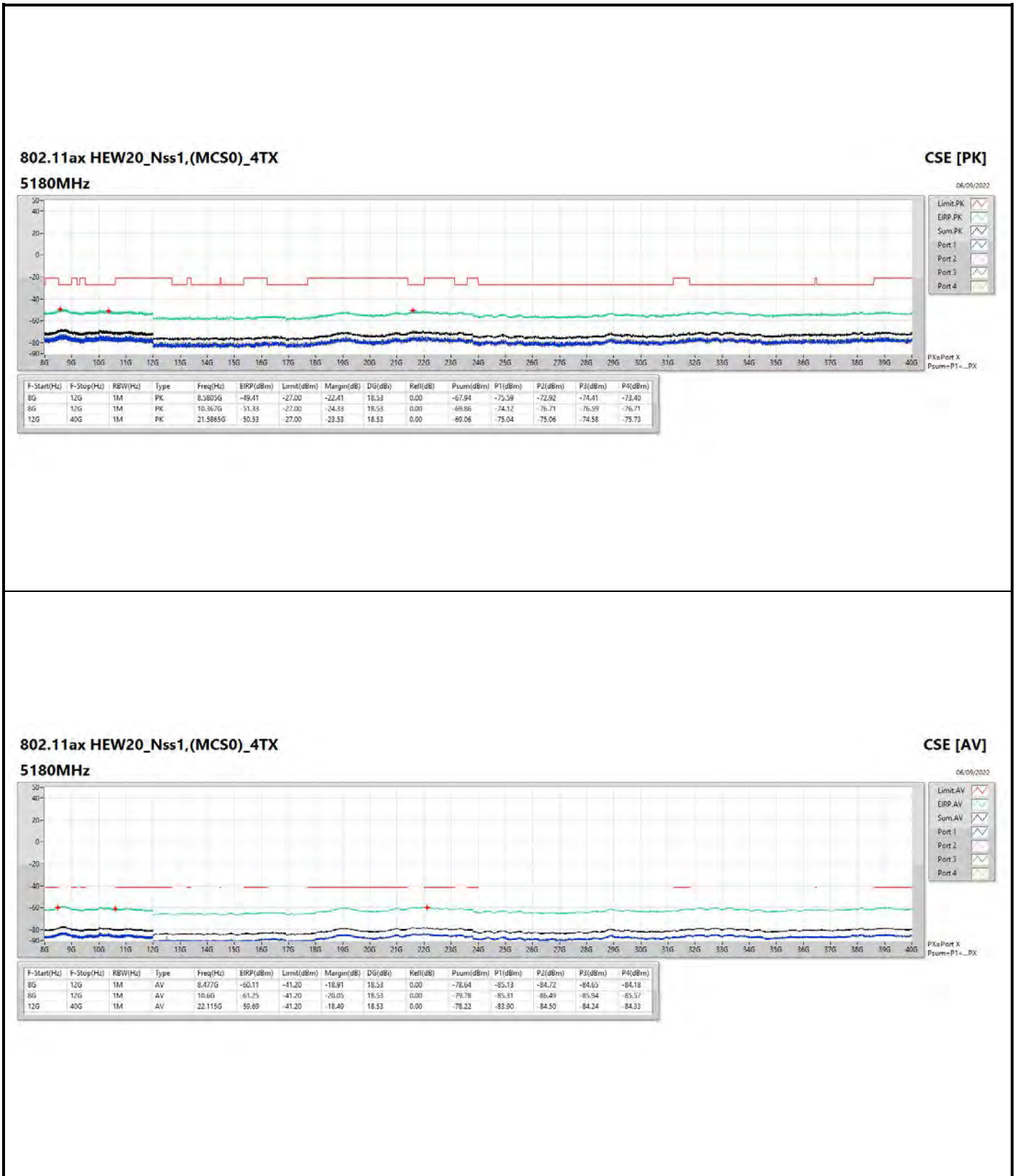


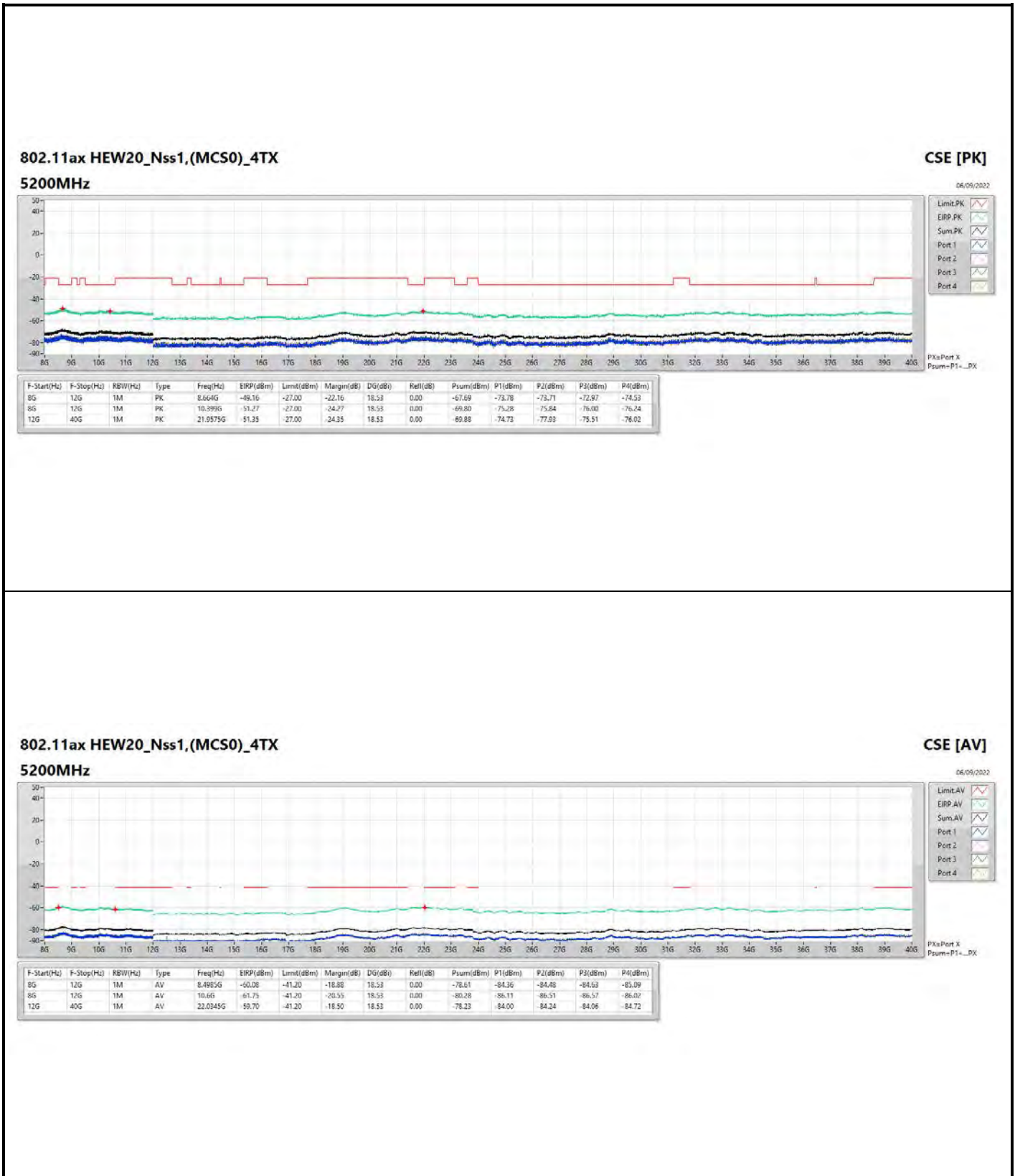


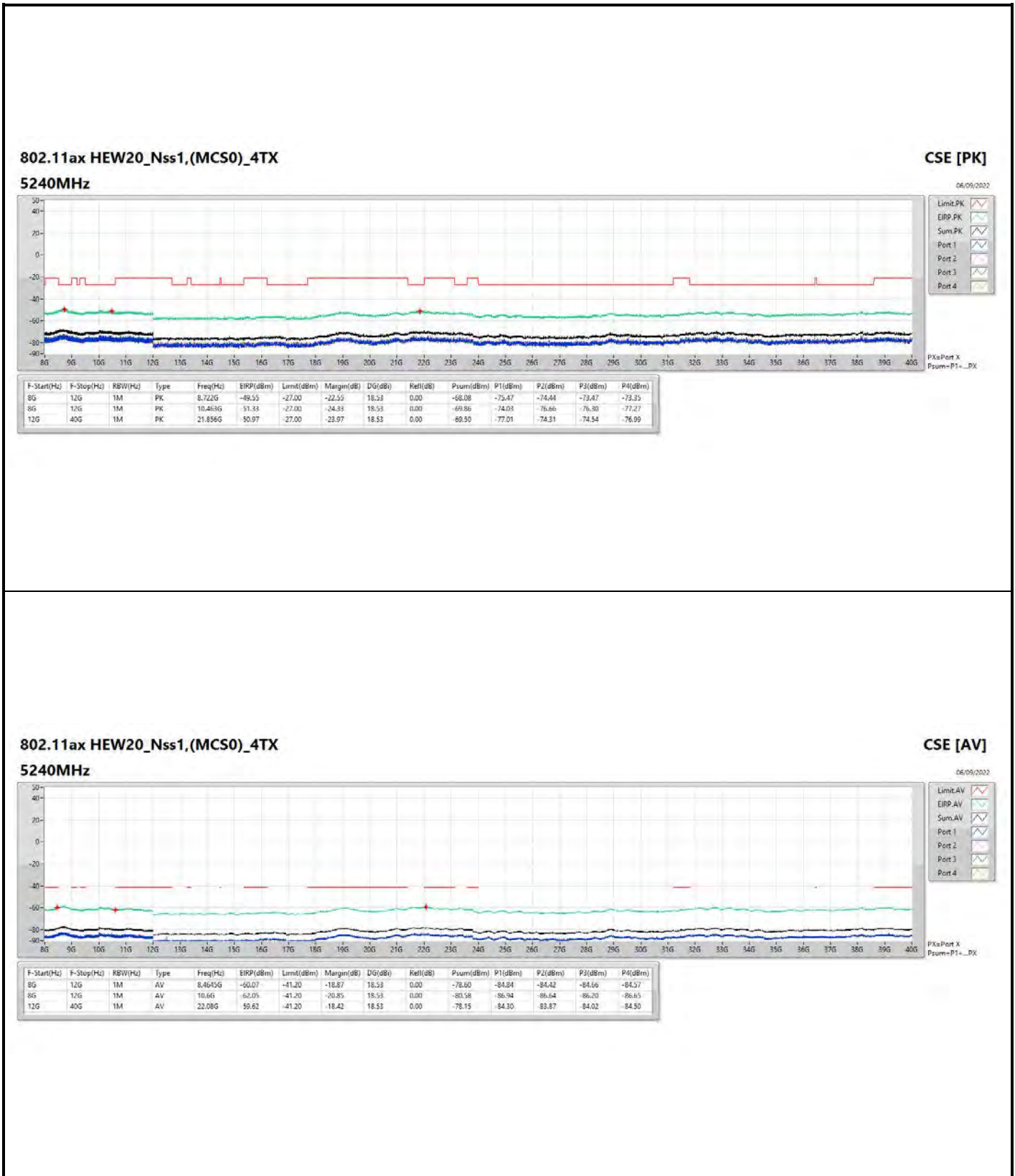


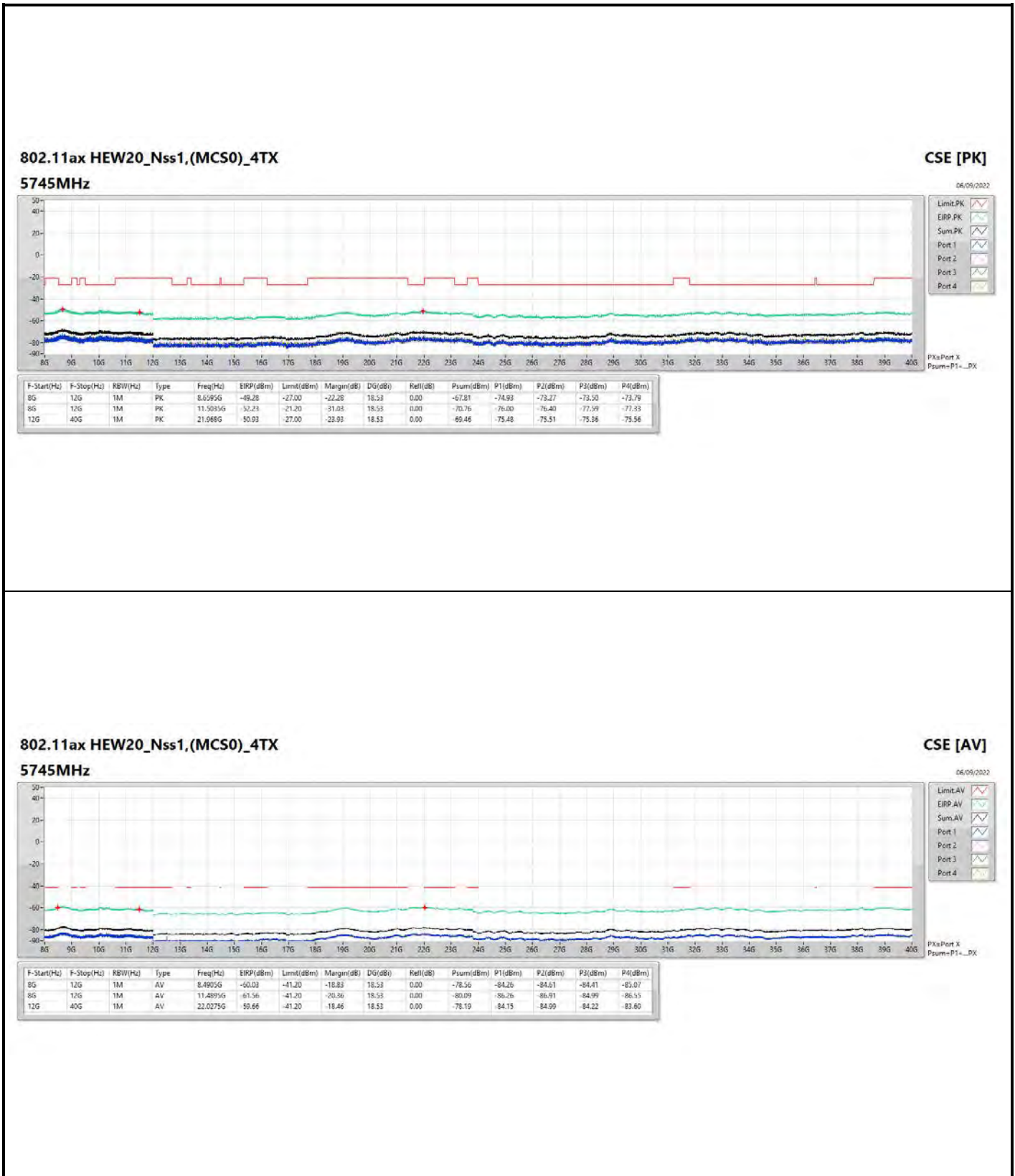


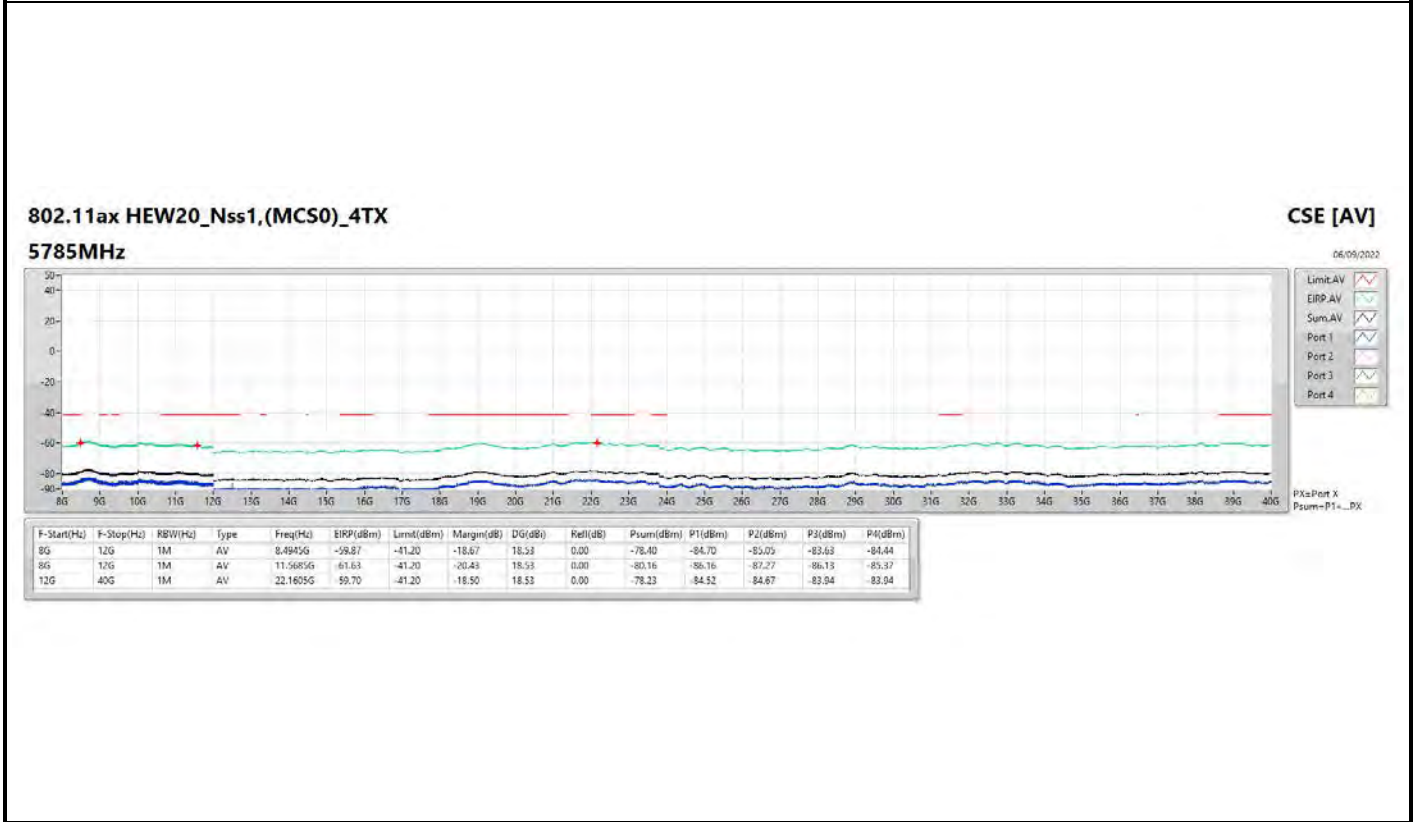
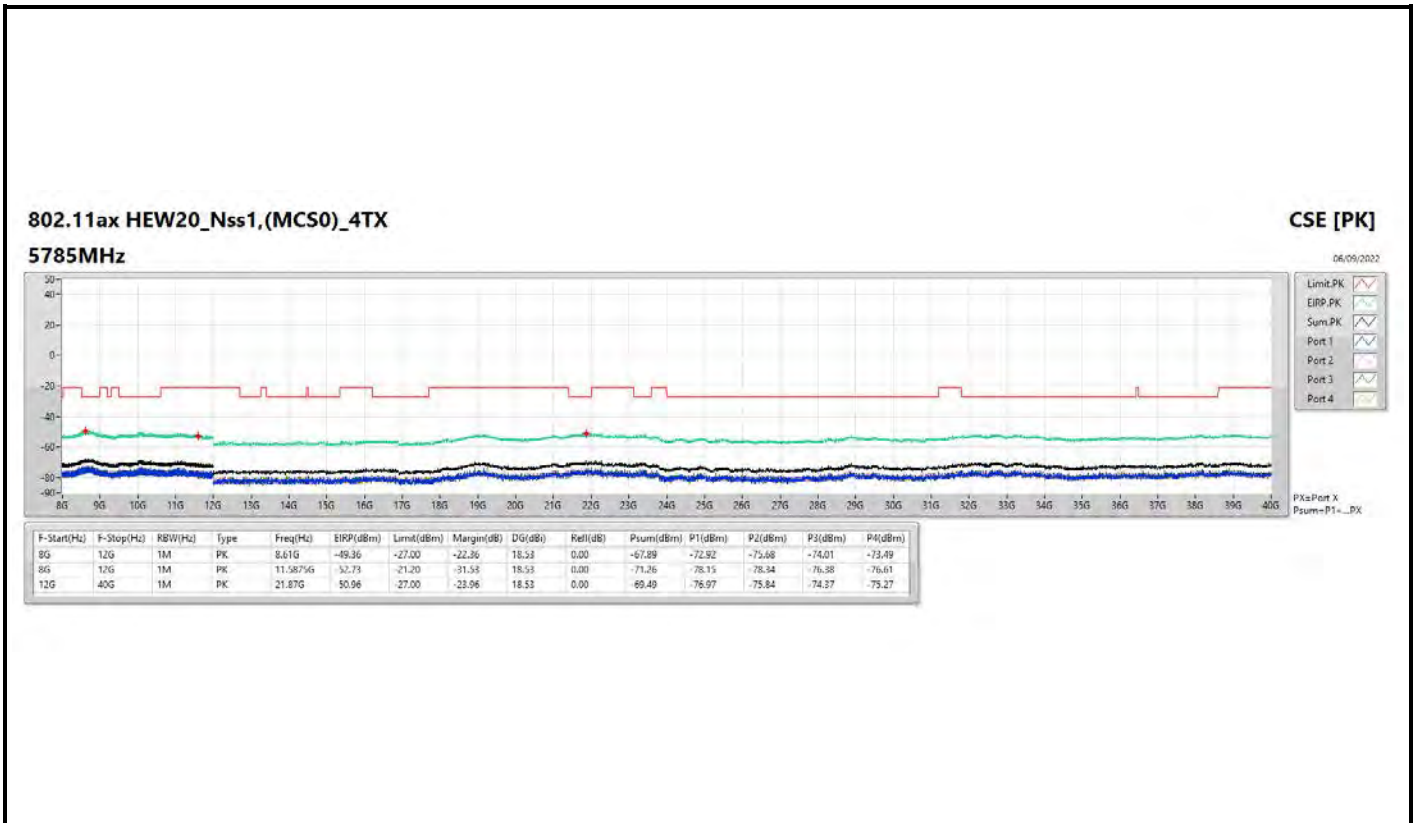


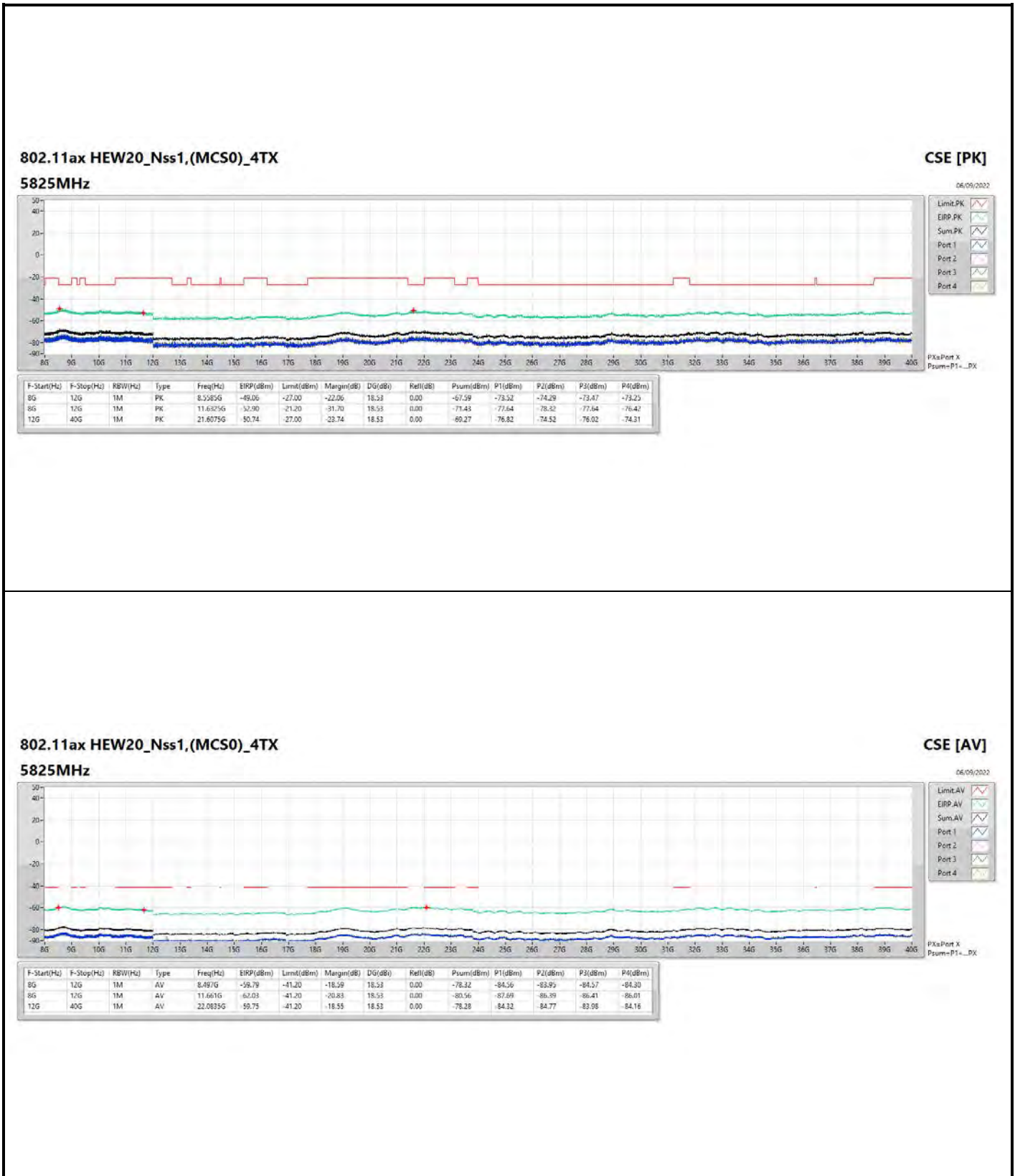


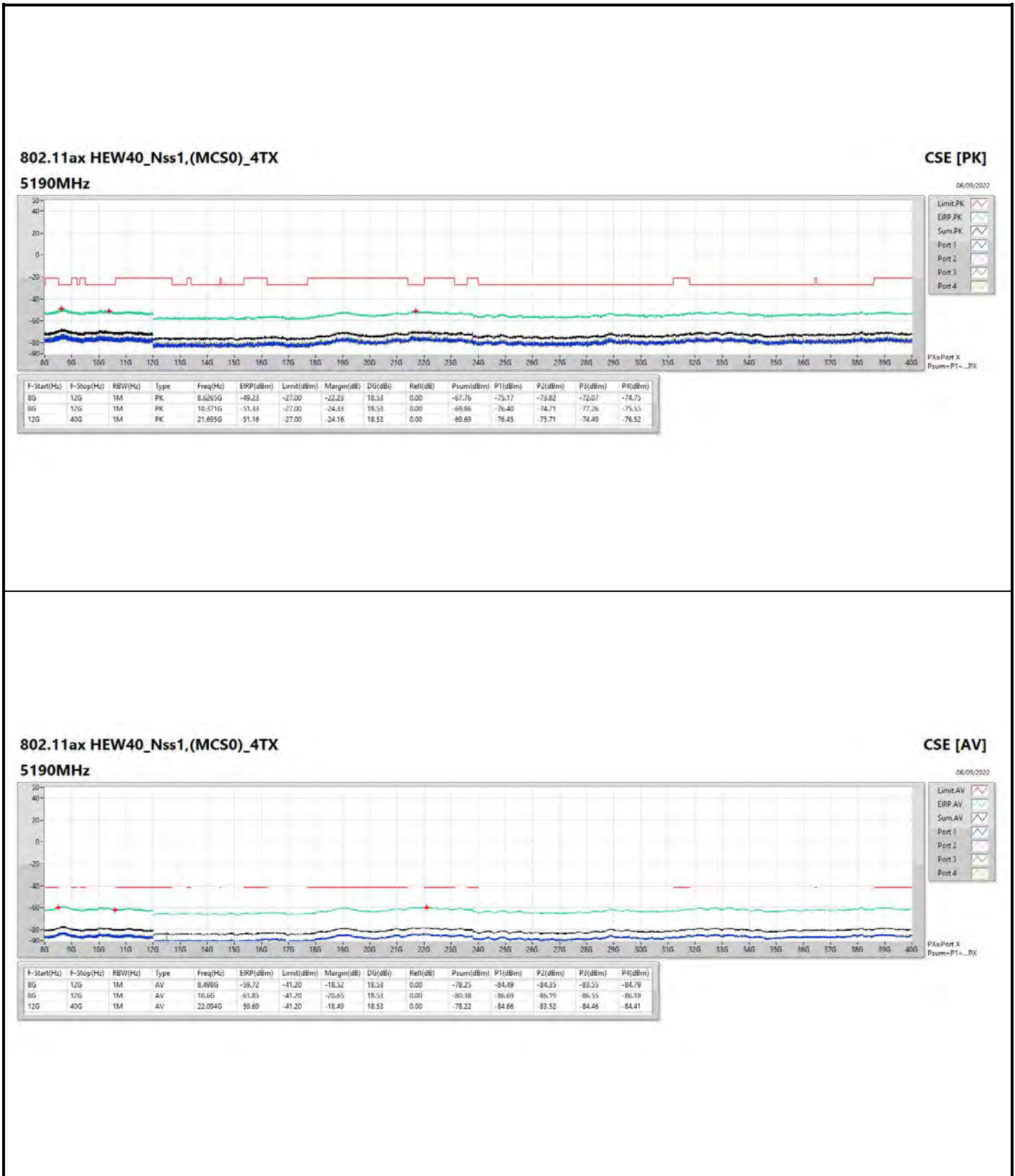


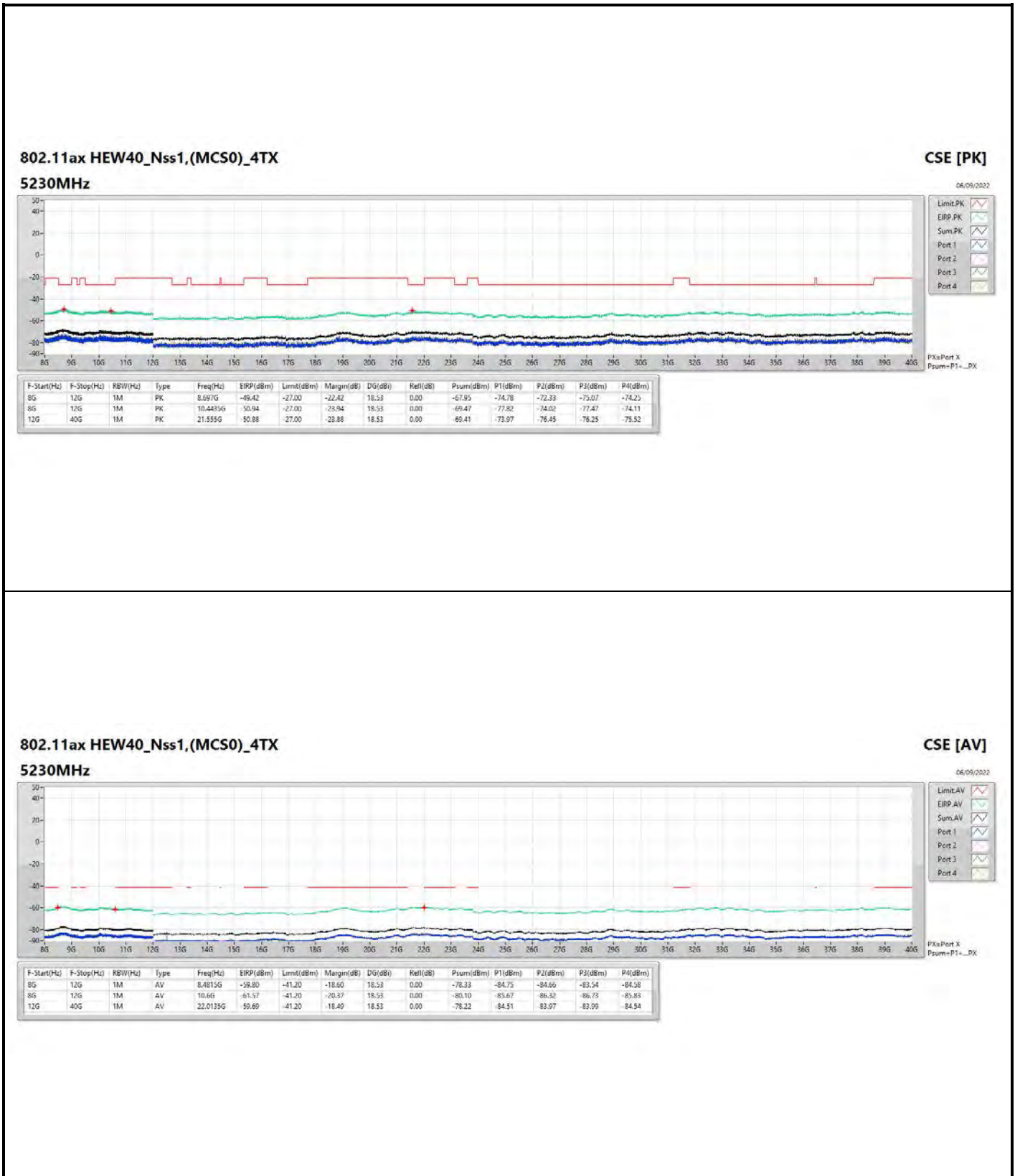


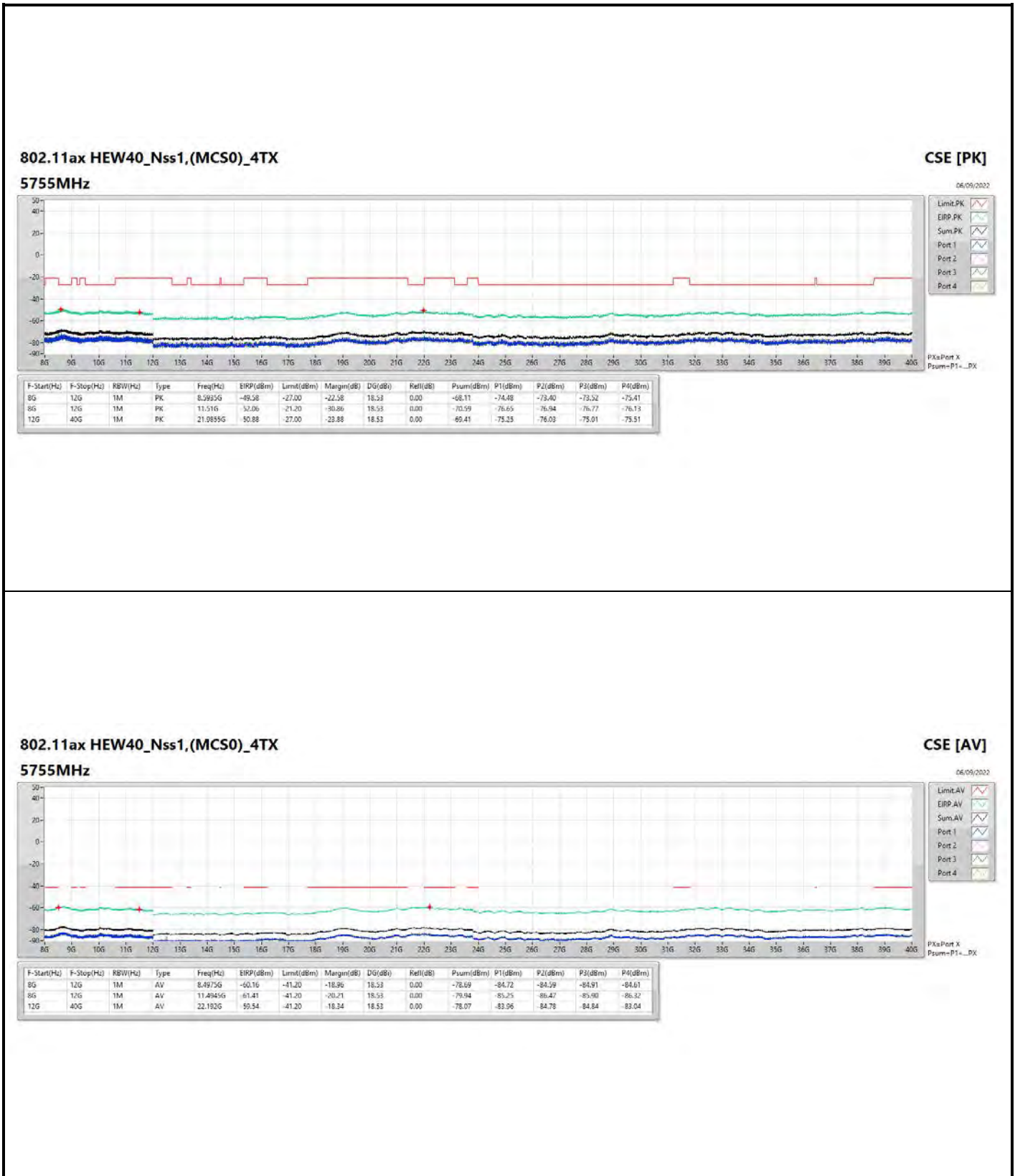














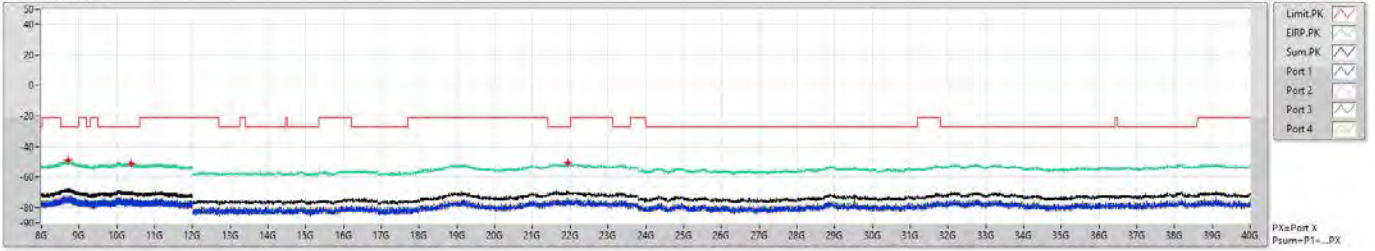


802.11ax HEW80_Nss1,(MCS0)_4TX

CSE [PK]

5210MHz

06/09/2022

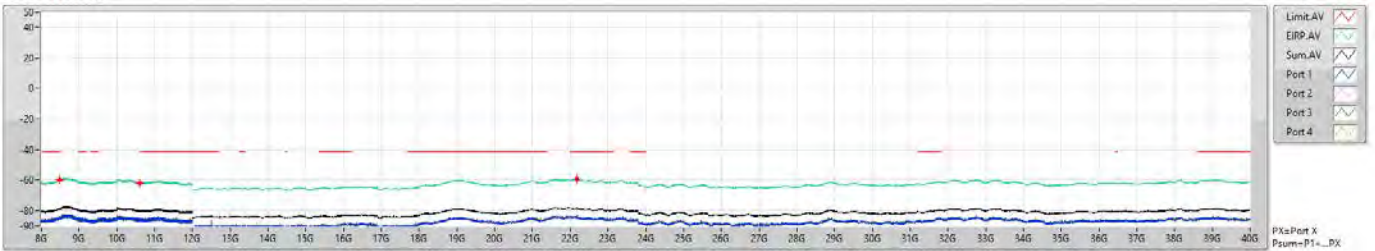


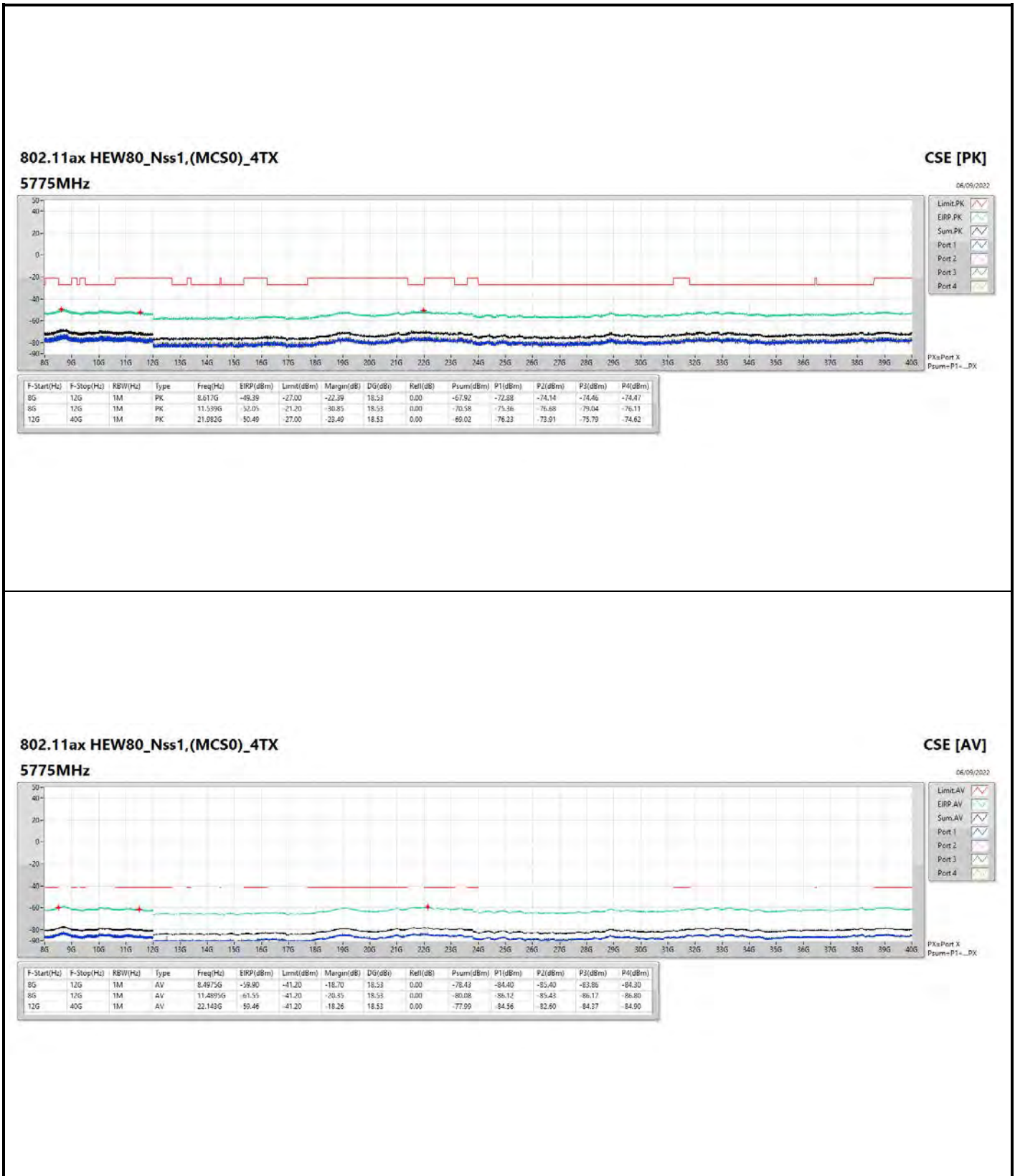
802.11ax HEW80_Nss1,(MCS0)_4TX

CSE [AV]

5210MHz

06/09/2022







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	4.9G	5.31G	AV	5.15G	18.53	-59.83				-59.83	-41.30	-41.20	-0.10
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.22				-60.22	-41.69	-41.20	-0.49
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.08				-60.08	-41.55	-41.20	-0.35
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14892G	18.53	-60.15				-60.15	-41.62	-41.20	-0.42
802.11a_Nss1,(6Mbps)_2TX	Pass	4.9G	5.31G	AV	5.1499G	18.53	-65.00	-61.51			-59.90	-41.37	-41.20	-0.17
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-61.46	-64.66			-59.76	-41.23	-41.20	-0.03
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	4.9G	5.31G	AV	5.14969G	18.53	-65.73	-61.84			-60.35	-41.82	-41.20	-0.62
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	4.9G	5.31G	AV	5.14928G	18.53	-65.74	-61.98			-60.45	-41.92	-41.20	-0.72
802.11a_Nss1,(6Mbps)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-68.54	-69.75	-69.02	-68.51	-62.91	-44.38	-41.20	-3.18
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-68.38	-70.04	-68.96	-68.68	-62.95	-44.42	-41.20	-3.22
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-69.42	-70.21	-68.88	-68.22	-63.10	-44.57	-41.20	-3.37
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-69.10	-69.81	-69.05	-68.25	-63.00	-44.47	-41.20	-3.27
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.47G	5.85G	PK	5.62466G	18.53	-45.71				-45.71	-27.18	-27.00	-0.18
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-59.79				-59.79	-41.26	-41.20	-0.06
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.85G	6.01G	PK	5.91656G	18.53	-39.74				-39.74	-21.21	-20.75	-0.46
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.47G	5.85G	PK	5.6543G	18.53	-44.16				-44.16	-25.63	-23.82	-1.81
802.11a_Nss1,(6Mbps)_2TX	Pass	5.47G	5.85G	PK	5.62466G	18.53	-45.78	-58.47			-45.55	-27.02	-27.00	-0.02
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-61.64	-64.31			-59.76	-41.23	-41.20	-0.03
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5.47G	5.85G	PK	5.63378G	18.53	-46.56	-54.89			-45.96	-27.43	-27.00	-0.43
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5.47G	5.85G	PK	5.65012G	18.53	-46.22	-54.59			-45.63	-27.10	-26.91	-0.19
802.11a_Nss1,(6Mbps)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-69.80	-70.15	-69.60	-66.70	-62.80	-44.27	-41.20	-3.07
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-70.40	-70.30	-69.53	-66.28	-62.75	-44.22	-41.20	-3.02
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-70.17	-70.06	-69.75	-66.39	-62.75	-44.22	-41.20	-3.02
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.31G	5.47G	AV	5.37592G	18.53	-69.68	-70.36	-69.08	-66.88	-62.77	-44.24	-41.20	-3.04

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



CSE CSE Iron R1 Antenna set 10 (Bandedge) P to M

Appendix E.7

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	4.9G	5.31G	AV	5.15G	18.53	-59.83				-59.83	-41.30	-41.20	-0.10
5180MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-63.80				-63.80	-45.27	-41.20	-4.07
5180MHz	Pass	4.9G	5.31G	PK	5.14979G	18.53	-47.45				-47.45	-28.92	-21.20	-7.72
5180MHz	Pass	5.31G	5.47G	PK	5.46712G	18.53	-56.41				-56.41	-37.88	-27.00	-10.88
5180MHz	Pass	5.47G	5.85G	PK	5.56804G	18.53	-55.49				-55.49	-36.96	-27.00	-9.96
5180MHz	Pass	5.85G	6.01G	PK	5.94536G	18.53	-56.48				-56.48	-37.95	-27.00	-10.95
5180MHz	Pass	6.01G	6.5G	PK	6.40433G	18.53	-57.19				-57.19	-38.66	-27.00	-11.66
5200MHz	Pass	4.9G	5.31G	AV	4.99194G	18.53	-62.46				-62.46	-43.93	-41.20	-2.73
5200MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.09				-60.09	-41.56	-41.20	-0.36
5200MHz	Pass	4.9G	5.31G	PK	5.08035G	18.53	-42.76				-42.76	-24.23	-21.20	-3.03
5200MHz	Pass	5.31G	5.47G	PK	5.46744G	18.53	-54.52				-54.52	-35.99	-27.00	-8.99
5200MHz	Pass	5.47G	5.85G	PK	5.56804G	18.53	-52.18				-52.18	-33.65	-27.00	-6.65
5200MHz	Pass	5.85G	6.01G	PK	5.95208G	18.53	-54.22				-54.22	-35.69	-27.00	-8.69
5200MHz	Pass	6.01G	6.5G	PK	6.01135G	18.53	-55.79				-55.79	-37.26	-27.00	-10.26
5240MHz	Pass	4.9G	5.31G	AV	5.03535G	18.53	-63.10				-63.10	-44.57	-41.20	-3.37
5240MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.46				-60.46	-41.93	-41.20	-0.73
5240MHz	Pass	4.9G	5.31G	PK	5.12079G	18.53	-40.56				-40.56	-22.03	-21.20	-0.83
5240MHz	Pass	5.31G	5.47G	PK	5.35928G	18.53	-41.59				-41.59	-23.06	-21.20	-1.86
5240MHz	Pass	5.47G	5.85G	PK	5.56804G	18.53	-51.50				-51.50	-32.97	-27.00	-5.97
5240MHz	Pass	5.85G	6.01G	PK	5.95208G	18.53	-54.04				-54.04	-35.51	-27.00	-8.51
5240MHz	Pass	6.01G	6.5G	PK	6.04565G	18.53	-54.99				-54.99	-36.46	-27.00	-9.46
5745MHz	Pass	4.9G	5.31G	AV	4.99179G	18.53	-68.38				-68.38	-49.85	-41.20	-8.65
5745MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-66.06				-66.06	-47.53	-41.20	-6.33
5745MHz	Pass	4.9G	5.31G	PK	5.30611G	18.53	-56.96				-56.96	-38.43	-27.00	-11.43
5745MHz	Pass	5.31G	5.47G	PK	5.46008G	18.53	-56.59				-56.59	-38.06	-27.00	-11.06
5745MHz	Pass	5.47G	5.85G	PK	5.62466G	18.53	-45.71				-45.71	-27.18	-27.00	-0.18
5745MHz	Pass	5.85G	6.01G	PK	5.95176G	18.53	-55.56				-55.56	-37.03	-27.00	-10.03
5745MHz	Pass	6.01G	6.5G	PK	6.05563G	18.53	-57.16				-57.16	-38.63	-27.00	-11.63
5785MHz	Pass	4.9G	5.31G	AV	4.99184G	18.53	-64.34				-64.34	-45.81	-41.20	-4.61
5785MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-61.25				-61.25	-42.72	-41.20	-1.52
5785MHz	Pass	4.9G	5.31G	PK	5.1502G	18.53	-53.12				-53.12	-34.59	-27.00	-7.59
5785MHz	Pass	5.31G	5.47G	PK	5.32184G	18.53	-53.01				-53.01	-34.48	-27.00	-7.48
5785MHz	Pass	5.47G	5.85G	PK	5.57792G	18.53	-47.72				-47.72	-29.19	-27.00	-2.19
5785MHz	Pass	5.85G	6.01G	PK	5.95208G	18.53	-48.81				-48.81	-30.28	-27.00	-3.28
5785MHz	Pass	6.01G	6.5G	PK	6.02066G	18.53	-53.04				-53.04	-34.51	-27.00	-7.51
5825MHz	Pass	4.9G	5.31G	AV	4.99189G	18.53	-67.94				-67.94	-49.41	-41.20	-8.21
5825MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-66.31				-66.31	-47.78	-41.20	-6.58
5825MHz	Pass	4.9G	5.31G	PK	5.28171G	18.53	-56.82				-56.82	-38.29	-27.00	-11.29
5825MHz	Pass	5.31G	5.47G	PK	5.3244G	18.53	-57.14				-57.14	-38.61	-27.00	-11.61
5825MHz	Pass	5.47G	5.85G	PK	5.622G	18.53	-53.79				-53.79	-35.26	-27.00	-8.26
5825MHz	Pass	5.85G	6.01G	PK	5.94568G	18.53	-46.67				-46.67	-28.14	-27.00	-1.14
5825MHz	Pass	6.01G	6.5G	PK	6.05428G	18.53	-55.49				-55.49	-36.96	-27.00	-9.96
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.9G	5.31G	AV	5.14872G	18.53	-61.49				-61.49	-42.96	-41.20	-1.76
5180MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.92				-60.92	-42.39	-41.20	-1.19
5180MHz	Pass	4.9G	5.31G	PK	5.14877G	18.53	-48.39				-48.39	-29.86	-21.20	-8.66
5180MHz	Pass	5.31G	5.47G	PK	5.4604G	18.53	-55.13				-55.13	-36.60	-27.00	-9.60
5180MHz	Pass	5.47G	5.85G	PK	5.56766G	18.53	-53.07				-53.07	-34.54	-27.00	-7.54
5180MHz	Pass	5.85G	6.01G	PK	5.95208G	18.53	-54.35				-54.35	-35.82	-27.00	-8.82
5180MHz	Pass	6.01G	6.5G	PK	6.0307G	18.53	-56.65				-56.65	-38.12	-27.00	-11.12
5200MHz	Pass	4.9G	5.31G	AV	4.99194G	18.53	-64.29				-64.29	-45.76	-41.20	-4.56
5200MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-61.42				-61.42	-42.89	-41.20	-1.69
5200MHz	Pass	4.9G	5.31G	PK	5.0785G	18.53	-49.72				-49.72	-31.19	-21.20	-9.99
5200MHz	Pass	5.31G	5.47G	PK	5.46488G	18.53	-55.04				-55.04	-36.51	-27.00	-9.51
5200MHz	Pass	5.47G	5.85G	PK	5.56804G	18.53	-52.68				-52.68	-34.15	-27.00	-7.15
5200MHz	Pass	5.85G	6.01G	PK	5.95176G	18.53	-54.74				-54.74	-36.21	-27.00	-9.21
5200MHz	Pass	6.01G	6.5G	PK	6.12595G	18.53	-56.33				-56.33	-37.80	-27.00	-10.80
5240MHz	Pass	4.9G	5.31G	AV	5.0516G	18.53	-63.88				-63.88	-45.35	-41.20	-4.15
5240MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-60.22				-60.22	-41.69	-41.20	-0.49
5240MHz	Pass	4.9G	5.31G	PK	5.11843G	18.53	-48.92				-48.92	-30.39	-21.20	-9.19
5240MHz	Pass	5.31G	5.47G	PK	5.46328G	18.53	-54.13				-54.13	-35.60	-27.00	-8.60
5240MHz	Pass	5.47G	5.85G	PK	5.56956G	18.53	-51.37				-51.37	-32.84	-27.00	-5.84
5240MHz	Pass	5.85G	6.01G	PK	5.95144G	18.53	-53.61				-53.61	-35.08	-27.00	-8.08
5240MHz	Pass	6.01G	6.5G	PK	6.03187G	18.53	-55.40				-55.40	-36.87	-27.00	-9.87
5745MHz	Pass	4.9G	5.31G	AV	4.99194G	18.53	-66.05				-66.05	-47.52	-41.20	-6.32
5745MHz	Pass	5.31G	5.47G	AV	5.37592G	18.53	-63.16				-63.16	-44.63	-41.20	-3.43
5745MHz	Pass	4.9G	5.31G	PK	5.23861G	18.53	-55.32				-55.32	-36.79	-27.00	-9.79
5745MHz	Pass	5.31G	5.47G	PK	5.46136G	18.53	-54.87				-54.87	-36.34	-27.00	-9.34