



**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	1G	5.11G	AV	1.92013G	-48.60	-41.20	-7.40	-67.13
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	1G	5.11G	AV	1.91961G	-47.46	-41.20	-6.26	-65.99
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	1G	5.07G	AV	1.91982G	-49.02	-41.20	-7.82	-67.55
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.99G	5.15G	AV	5.12024G	-48.22	-41.20	-7.02	-66.75
5.725-5.85GHz	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	5.685G	AV	1.92002G	-48.54	-41.20	-7.34	-67.07
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	1G	5.685G	AV	1.92002G	-47.55	-41.20	-6.35	-66.08
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	1G	5.645G	AV	1.91971G	-48.74	-41.20	-7.54	-67.27
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	1G	5.565G	AV	1.91985G	-47.90	-41.20	-6.70	-66.43

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



**CSE\_Scanning R3\_Antenna set 10 (Harmonic 1GHz ~ 8GHz)  
P to M**

**Appendix E.23**

**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	18.53	-67.31	-67.31	-48.78	-41.20	-7.58
5180MHz	Pass	5.11G	5.15G	AV	5.11064G	18.53	-71.04	-71.04	-52.51	-41.20	-11.31
5180MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.72	-81.72	-63.19	-41.20	-21.99
5180MHz	Pass	5.35G	5.39G	AV	5.37576G	18.53	-72.31	-72.31	-53.78	-41.20	-12.58
5180MHz	Pass	5.39G	8G	AV	5.42556G	18.53	-72.58	-72.58	-54.05	-41.20	-12.85
5180MHz	Pass	1G	5.11G	PK	5.0278G	18.53	-59.69	-59.69	-41.16	-21.20	-19.96
5180MHz	Pass	5.11G	5.15G	PK	5.1132G	18.53	-60.18	-60.18	-41.65	-21.20	-20.45
5180MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.89	-71.89	-53.36	-21.20	-32.16
5180MHz	Pass	5.35G	5.39G	PK	5.38992G	18.53	-61.71	-61.71	-43.18	-21.20	-21.98
5180MHz	Pass	5.39G	8G	PK	5.66372G	18.53	-60.85	-60.85	-42.32	-27.00	-15.32
5200MHz	Pass	1G	5.11G	AV	1.91961G	18.53	-67.40	-67.40	-48.87	-41.20	-7.67
5200MHz	Pass	5.11G	5.15G	AV	5.11032G	18.53	-70.34	-70.34	-51.81	-41.20	-10.61
5200MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.22	-81.22	-62.69	-41.20	-21.49
5200MHz	Pass	5.35G	5.39G	AV	5.3776G	18.53	-70.53	-70.53	-52.00	-41.20	-10.80
5200MHz	Pass	5.39G	8G	AV	5.39261G	18.53	-71.14	-71.14	-52.61	-41.20	-11.41
5200MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-64.56	-64.56	-46.03	-27.00	-19.03
5200MHz	Pass	5.11G	5.15G	PK	5.11176G	18.53	-59.51	-59.51	-40.98	-21.20	-19.78
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.19	-71.19	-52.66	-21.20	-31.46
5200MHz	Pass	5.35G	5.39G	PK	5.38056G	18.53	-59.48	-59.48	-40.95	-21.20	-19.75
5200MHz	Pass	5.39G	8G	PK	5.75932G	18.53	-60.14	-60.14	-41.61	-27.00	-14.61
5240MHz	Pass	1G	5.11G	AV	1.92013G	18.53	-67.13	-67.13	-48.60	-41.20	-7.40
5240MHz	Pass	5.11G	5.15G	AV	5.11288G	18.53	-69.50	-69.50	-50.97	-41.20	-9.77
5240MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.81	-81.81	-63.28	-41.20	-22.08
5240MHz	Pass	5.35G	5.39G	AV	5.38704G	18.53	-69.29	-69.29	-50.76	-41.20	-9.56
5240MHz	Pass	5.39G	8G	AV	5.39294G	18.53	-69.71	-69.71	-51.18	-41.20	-9.98
5240MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-65.02	-65.02	-46.49	-27.00	-19.49
5240MHz	Pass	5.11G	5.15G	PK	5.11704G	18.53	-59.41	-59.41	-40.88	-21.20	-19.68
5240MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.65	-71.65	-53.12	-21.20	-31.92
5240MHz	Pass	5.35G	5.39G	PK	5.38528G	18.53	-58.68	-58.68	-40.15	-21.20	-18.95
5240MHz	Pass	5.39G	8G	PK	5.64709G	18.53	-60.50	-60.50	-41.97	-27.00	-14.97
5745MHz	Pass	1G	5.685G	AV	1.91943G	18.53	-68.16	-68.16	-49.63	-41.20	-8.43
5745MHz	Pass	5.89G	8G	AV	5.72783G	18.53	-81.59	-81.59	-63.06	-41.20	-21.86
5745MHz	Pass	1G	5.685G	PK	5.22997G	18.53	-61.02	-61.02	-42.49	-27.00	-15.49
5745MHz	Pass	5.685G	5.725G	PK	5.68588G	18.53	-68.67	-68.67	-50.14	-0.45	-49.69
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.57	-69.57	-51.04	27.00	-78.04
5745MHz	Pass	5.85G	5.89G	PK	5.88896G	18.53	-59.29	-59.29	-40.76	-0.33	-40.43
5745MHz	Pass	5.89G	8G	PK	5.92824G	18.53	-60.28	-60.28	-41.75	-27.00	-14.75
5785MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-70.81	-70.81	-52.28	-41.20	-11.08
5785MHz	Pass	5.89G	8G	AV	7.2913G	18.53	-81.88	-81.88	-63.35	-41.20	-22.15
5785MHz	Pass	1G	5.685G	PK	5.17375G	18.53	-60.45	-60.45	-41.92	-27.00	-14.92
5785MHz	Pass	5.685G	5.725G	PK	5.687G	18.53	-68.48	-68.48	-49.95	0.38	-50.33
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.84	-69.84	-51.31	27.00	-78.31
5785MHz	Pass	5.85G	5.89G	PK	5.89G	18.53	-60.82	-60.82	-42.29	-1.10	-41.19
5785MHz	Pass	5.89G	8G	PK	5.94196G	18.53	-56.89	-56.89	-38.36	-27.00	-11.36
5825MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-67.07	-67.07	-48.54	-41.20	-7.34
5825MHz	Pass	5.89G	8G	AV	7.31267G	18.53	-81.88	-81.88	-63.35	-41.20	-22.15
5825MHz	Pass	1G	5.685G	PK	5.18136G	18.53	-61.09	-61.09	-42.56	-27.00	-15.56
5825MHz	Pass	5.685G	5.725G	PK	5.68548G	18.53	-69.68	-69.68	-51.15	-0.74	-50.41
5825MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.76	-69.76	-51.23	27.00	-78.23
5825MHz	Pass	5.85G	5.89G	PK	5.88944G	18.53	-59.69	-59.69	-41.16	-0.69	-40.47
5825MHz	Pass	5.89G	8G	PK	5.98785G	18.53	-57.19	-57.19	-38.66	-27.00	-11.66
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	5.05041G	18.53	-70.30	-70.30	-51.77	-41.20	-10.57
5180MHz	Pass	5.11G	5.15G	AV	5.11144G	18.53	-70.60	-70.60	-52.07	-41.20	-10.87
5180MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.23	-81.23	-62.70	-41.20	-21.50
5180MHz	Pass	5.35G	5.39G	AV	5.37784G	18.53	-72.26	-72.26	-53.73	-41.20	-12.53
5180MHz	Pass	5.39G	8G	AV	5.45362G	18.53	-72.72	-72.72	-54.19	-41.20	-12.99
5180MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-64.63	-64.63	-46.10	-27.00	-19.10
5180MHz	Pass	5.11G	5.15G	PK	5.1276G	18.53	-59.72	-59.72	-41.19	-21.20	-19.99
5180MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.65	-71.65	-53.12	-21.20	-31.92
5180MHz	Pass	5.35G	5.39G	PK	5.38728G	18.53	-61.84	-61.84	-43.31	-21.20	-22.11
5180MHz	Pass	5.39G	8G	PK	5.64448G	18.53	-61.11	-61.11	-42.58	-27.00	-15.58
5200MHz	Pass	1G	5.11G	AV	1.91961G	18.53	-66.51	-66.51	-47.98	-41.20	-6.78
5200MHz	Pass	5.11G	5.15G	AV	5.11272G	18.53	-69.75	-69.75	-51.22	-41.20	-10.02
5200MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.45	-81.45	-62.92	-41.20	-21.72
5200MHz	Pass	5.35G	5.39G	AV	5.38704G	18.53	-70.14	-70.14	-51.61	-41.20	-10.41
5200MHz	Pass	5.39G	8G	AV	5.41447G	18.53	-71.54	-71.54	-53.01	-41.20	-11.81
5200MHz	Pass	1G	5.11G	PK	5.06428G	18.53	-59.00	-59.00	-40.47	-21.20	-19.27



**CSE\_Scanning R3\_Antenna set 10 (Harmonic 1GHz ~ 8GHz)  
P to M**

**Appendix E.23**

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	5.11336G	18.53	-59.17	-59.17	-40.64	-21.20	-19.44
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-72.08	-72.08	-53.55	-21.20	-32.35
5200MHz	Pass	5.35G	5.39G	PK	5.38208G	18.53	-59.40	-59.40	-40.87	-21.20	-19.67
5200MHz	Pass	5.39G	8G	PK	5.59064G	18.53	-59.85	-59.85	-41.32	-27.00	-14.32
5240MHz	Pass	1G	5.11G	AV	1.91961G	18.53	-65.99	-65.99	-47.46	-41.20	-6.26
5240MHz	Pass	5.11G	5.15G	AV	5.11392G	18.53	-69.82	-69.82	-51.29	-41.20	-10.09
5240MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.69	-81.69	-63.16	-41.20	-21.96
5240MHz	Pass	5.35G	5.39G	AV	5.38952G	18.53	-69.05	-69.05	-50.52	-41.20	-9.32
5240MHz	Pass	5.39G	8G	AV	5.40566G	18.53	-69.65	-69.65	-51.12	-41.20	-9.92
5240MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-65.09	-65.09	-46.56	-27.00	-19.56
5240MHz	Pass	5.11G	5.15G	PK	5.11072G	18.53	-58.59	-58.59	-40.06	-21.20	-18.86
5240MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.86	-71.86	-53.33	-21.20	-32.13
5240MHz	Pass	5.35G	5.39G	PK	5.39G	18.53	-58.35	-58.35	-39.82	-21.20	-18.62
5240MHz	Pass	5.39G	8G	PK	5.46406G	18.53	-59.91	-59.91	-41.38	-27.00	-14.38
5745MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-66.54	-66.54	-48.01	-41.20	-6.81
5745MHz	Pass	5.89G	8G	AV	7.2528G	18.53	-81.86	-81.86	-63.33	-41.20	-22.13
5745MHz	Pass	1G	5.685G	PK	5.22236G	18.53	-60.77	-60.77	-42.24	-27.00	-15.24
5745MHz	Pass	5.685G	5.725G	PK	5.68556G	18.53	-69.62	-69.62	-51.09	-0.69	-50.40
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-70.30	-70.30	-51.77	27.00	-78.77
5745MHz	Pass	5.85G	5.89G	PK	5.88984G	18.53	-58.78	-58.78	-40.25	-0.98	-39.27
5745MHz	Pass	5.89G	8G	PK	5.93246G	18.53	-60.12	-60.12	-41.59	-27.00	-14.59
5785MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-66.08	-66.08	-47.55	-41.20	-6.35
5785MHz	Pass	5.89G	8G	AV	7.28339G	18.53	-81.81	-81.81	-63.28	-41.20	-22.08
5785MHz	Pass	1G	5.685G	PK	5.16555G	18.53	-59.89	-59.89	-41.36	-27.00	-14.36
5785MHz	Pass	5.685G	5.725G	PK	5.68564G	18.53	-68.94	-68.94	-50.41	-0.63	-49.78
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-68.81	-68.81	-50.28	27.00	-77.28
5785MHz	Pass	5.85G	5.89G	PK	5.88968G	18.53	-59.69	-59.69	-41.16	-0.86	-40.30
5785MHz	Pass	5.89G	8G	PK	5.92824G	18.53	-57.75	-57.75	-39.22	-27.00	-12.22
5825MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-66.44	-66.44	-47.91	-41.20	-6.71
5825MHz	Pass	5.89G	8G	AV	7.28708G	18.53	-82.06	-82.06	-63.53	-41.20	-22.33
5825MHz	Pass	1G	5.685G	PK	5.25574G	18.53	-59.64	-59.64	-41.11	-27.00	-14.11
5825MHz	Pass	5.685G	5.725G	PK	5.685G	18.53	-69.78	-69.78	-51.25	-1.10	-50.15
5825MHz	Pass	5.725G	5.85G	PK	5.725G	18.53	-70.47	-70.47	-51.94	27.00	-78.94
5825MHz	Pass	5.85G	5.89G	PK	5.8824G	18.53	-51.84	-51.84	-33.31	4.52	-37.83
5825MHz	Pass	5.89G	8G	PK	5.9715G	18.53	-57.36	-57.36	-38.83	-27.00	-11.83
802.11ax HEW40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	5.07G	AV	5.03337G	18.53	-71.40	-71.40	-52.87	-41.20	-11.67
5190MHz	Pass	5.07G	5.15G	AV	5.07416G	18.53	-71.46	-71.46	-52.93	-41.20	-11.73
5190MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-80.64	-80.64	-62.11	-41.20	-20.91
5190MHz	Pass	5.35G	5.43G	AV	5.41G	18.53	-72.24	-72.24	-53.71	-41.20	-12.51
5190MHz	Pass	5.43G	8G	AV	5.44542G	18.53	-72.75	-72.75	-54.22	-41.20	-13.02
5190MHz	Pass	1G	5.07G	PK	1.27981G	18.53	-65.87	-65.87	-47.34	-27.00	-20.34
5190MHz	Pass	5.07G	5.15G	PK	5.094G	18.53	-60.92	-60.92	-42.39	-21.20	-21.19
5190MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.31	-71.31	-52.78	-21.20	-31.58
5190MHz	Pass	5.35G	5.43G	PK	5.40104G	18.53	-61.98	-61.98	-43.45	-21.20	-22.25
5190MHz	Pass	5.43G	8G	PK	5.55529G	18.53	-61.25	-61.25	-42.72	-27.00	-15.72
5230MHz	Pass	1G	5.07G	AV	1.91982G	18.53	-67.55	-67.55	-49.02	-41.20	-7.82
5230MHz	Pass	5.07G	5.15G	AV	5.0724G	18.53	-67.62	-67.62	-49.09	-41.20	-7.89
5230MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.22	-81.22	-62.69	-41.20	-21.49
5230MHz	Pass	5.35G	5.43G	AV	5.4076G	18.53	-67.78	-67.78	-49.25	-41.20	-8.05
5230MHz	Pass	5.43G	8G	AV	5.43418G	18.53	-70.06	-70.06	-51.53	-41.20	-10.33
5230MHz	Pass	1G	5.07G	PK	5.05219G	18.53	-58.53	-58.53	-40.00	-21.20	-18.80
5230MHz	Pass	5.07G	5.15G	PK	5.08408G	18.53	-56.73	-56.73	-38.20	-21.20	-17.00
5230MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.65	-71.65	-53.12	-21.20	-31.92
5230MHz	Pass	5.35G	5.43G	PK	5.41224G	18.53	-56.99	-56.99	-38.46	-21.20	-17.26
5230MHz	Pass	5.43G	8G	PK	5.61954G	18.53	-59.83	-59.83	-41.30	-27.00	-14.30
5755MHz	Pass	1G	5.645G	AV	5.36572G	18.53	-70.68	-70.68	-52.15	-41.20	-10.95
5755MHz	Pass	5.93G	8G	AV	7.29749G	18.53	-81.90	-81.90	-63.37	-41.20	-22.17
5755MHz	Pass	1G	5.645G	PK	5.25308G	18.53	-61.57	-61.57	-43.04	-27.00	-16.04
5755MHz	Pass	5.645G	5.725G	PK	5.6498G	18.53	-69.70	-69.70	-51.17	-27.00	-24.17
5755MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.44	-69.44	-50.91	27.00	-77.91
5755MHz	Pass	5.85G	5.93G	PK	5.92984G	18.53	-56.41	-56.41	-37.88	-27.00	-10.88
5755MHz	Pass	5.93G	8G	PK	5.94009G	18.53	-57.98	-57.98	-39.45	-27.00	-12.45
5795MHz	Pass	1G	5.645G	AV	1.91971G	18.53	-67.27	-67.27	-48.74	-41.20	-7.54
5795MHz	Pass	5.93G	8G	AV	7.39013G	18.53	-82.32	-82.32	-63.79	-41.20	-22.59
5795MHz	Pass	1G	5.645G	PK	5.1654G	18.53	-60.64	-60.64	-42.11	-27.00	-15.11
5795MHz	Pass	5.645G	5.725G	PK	5.64868G	18.53	-69.43	-69.43	-50.90	-27.00	-23.90
5795MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-70.63	-70.63	-52.10	27.00	-79.10
5795MHz	Pass	5.85G	5.93G	PK	5.9268G	18.53	-53.78	-53.78	-35.25	-27.00	-8.25
5795MHz	Pass	5.93G	8G	PK	5.96804G	18.53	-56.15	-56.15	-37.62	-27.00	-10.62



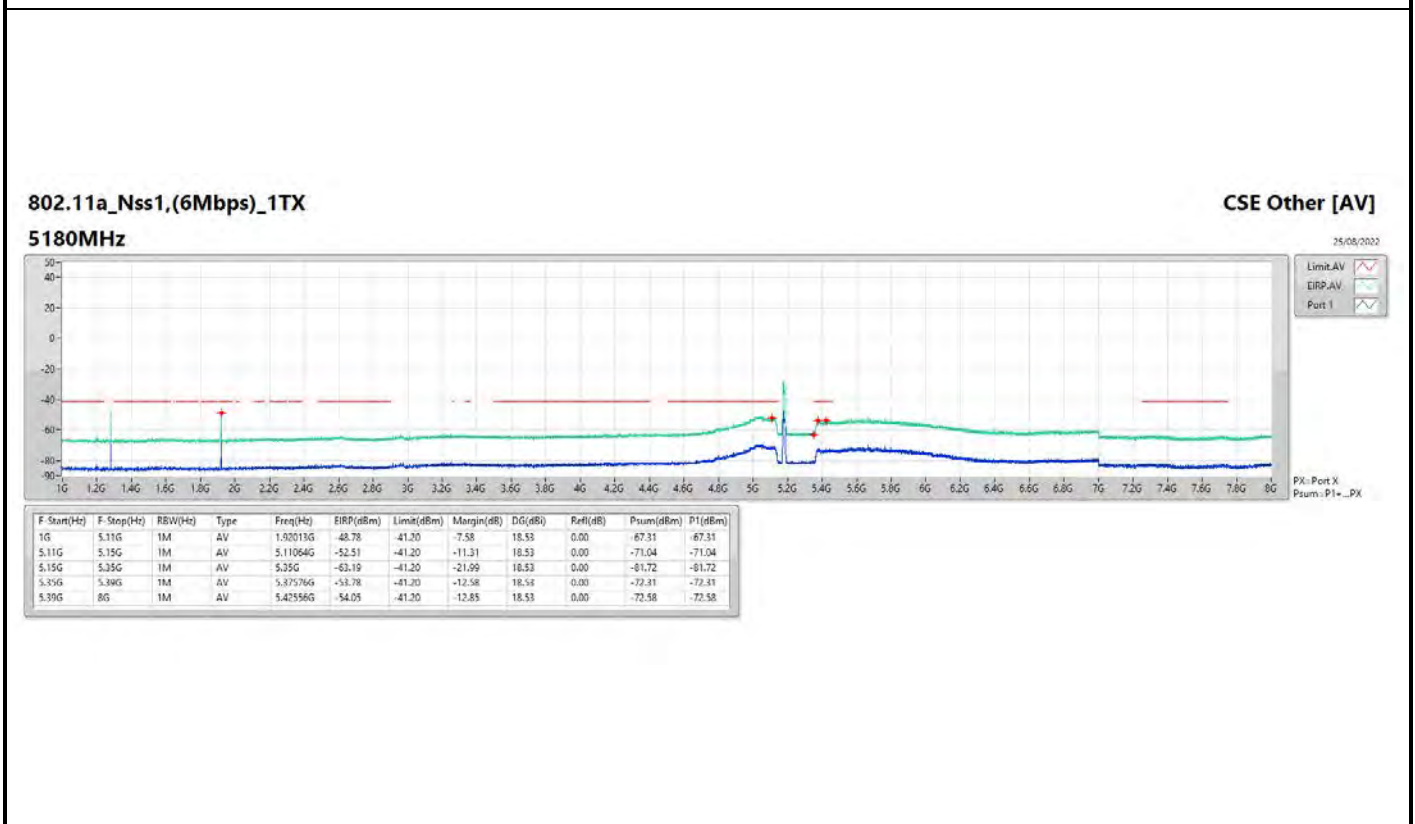
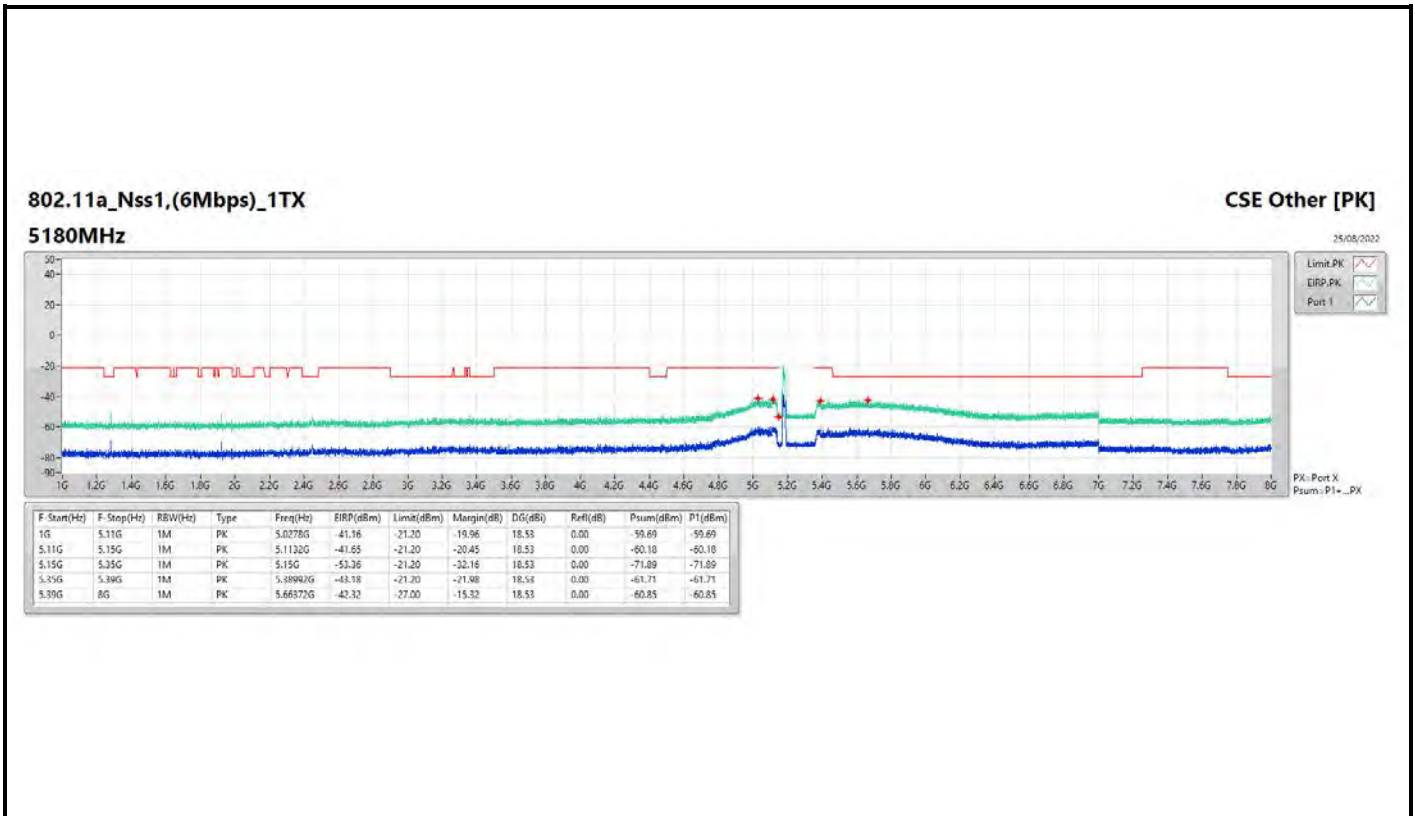


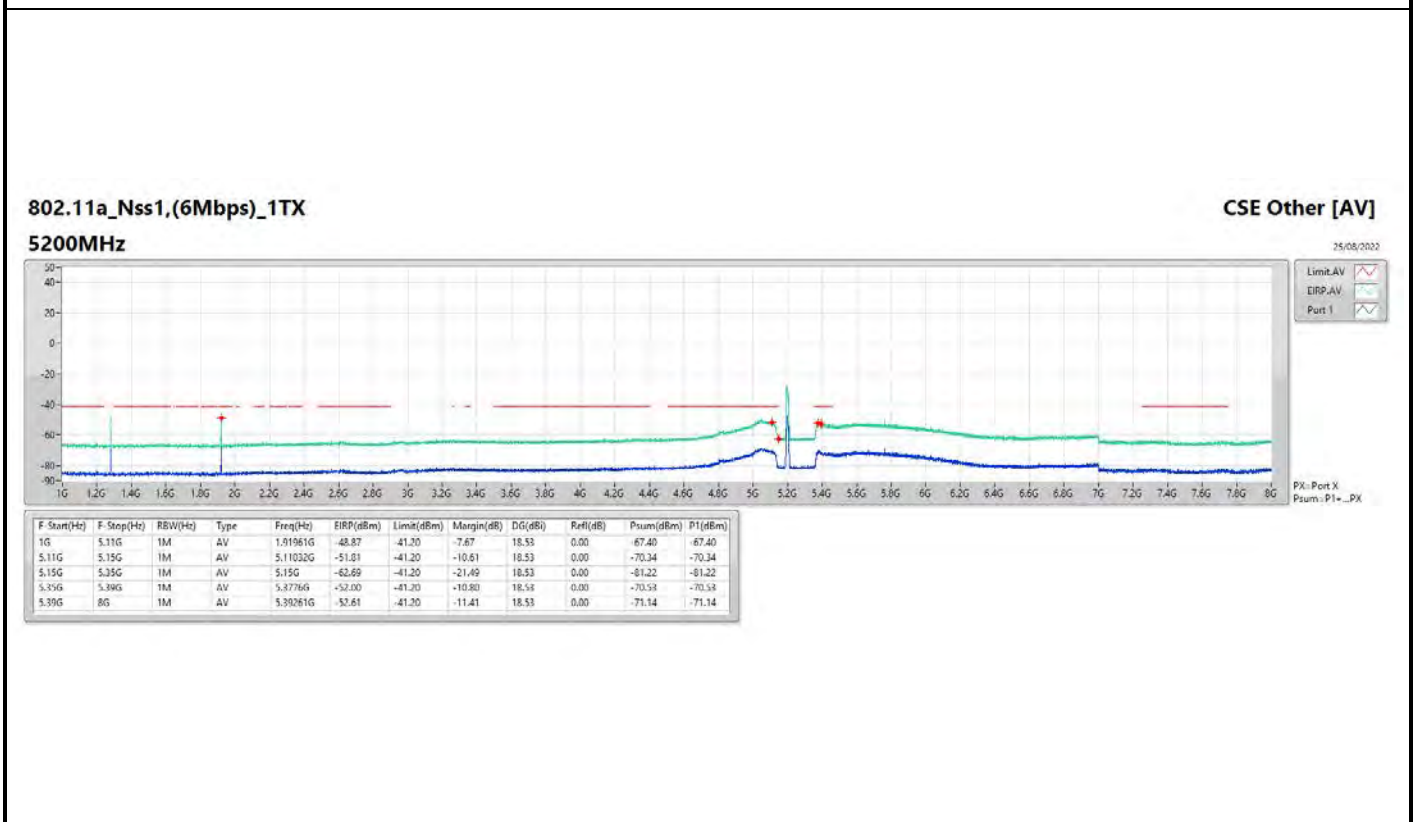
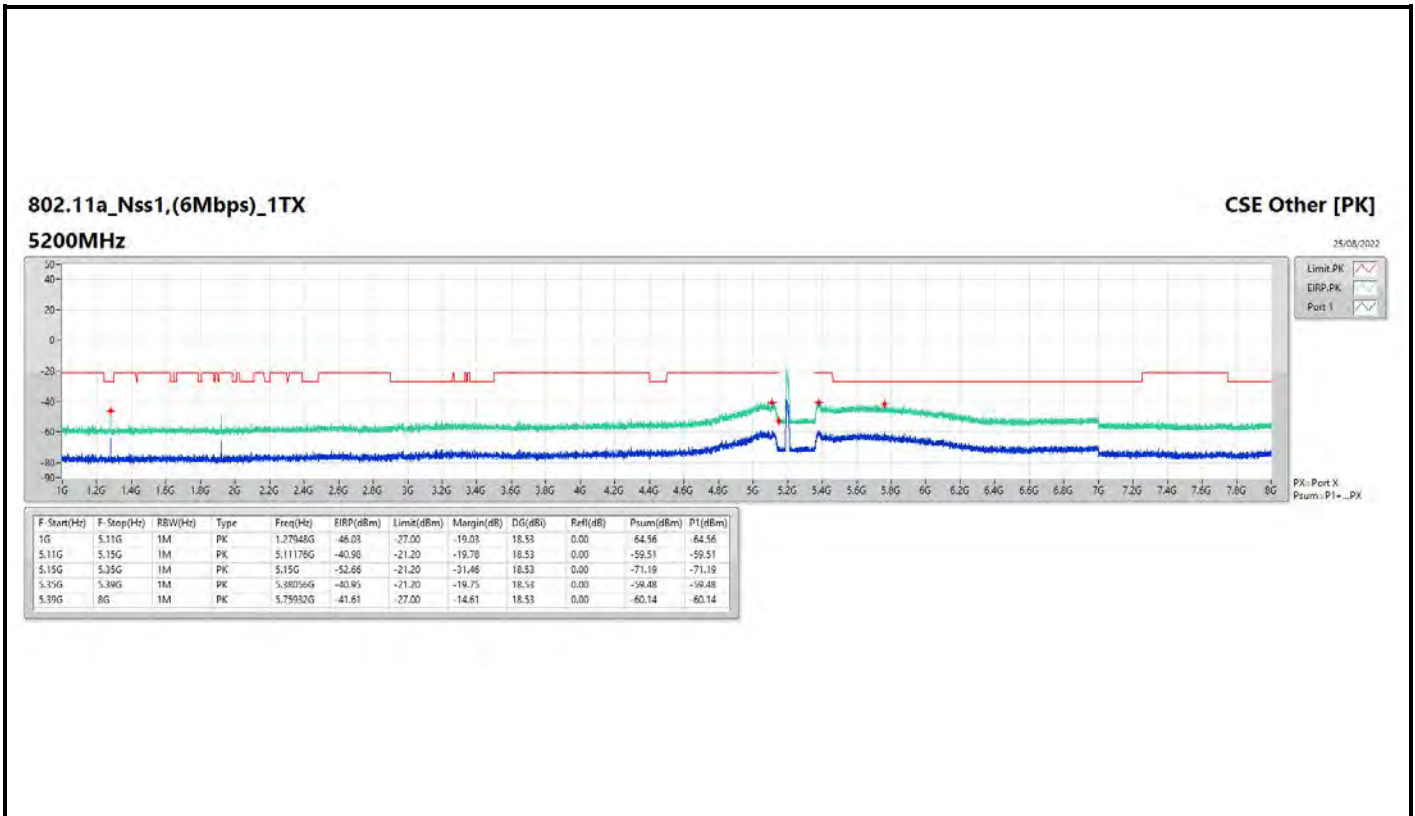
**CSE\_Scanning R3\_Antenna set 10 (Harmonic 1GHz ~ 8GHz)  
P to M**

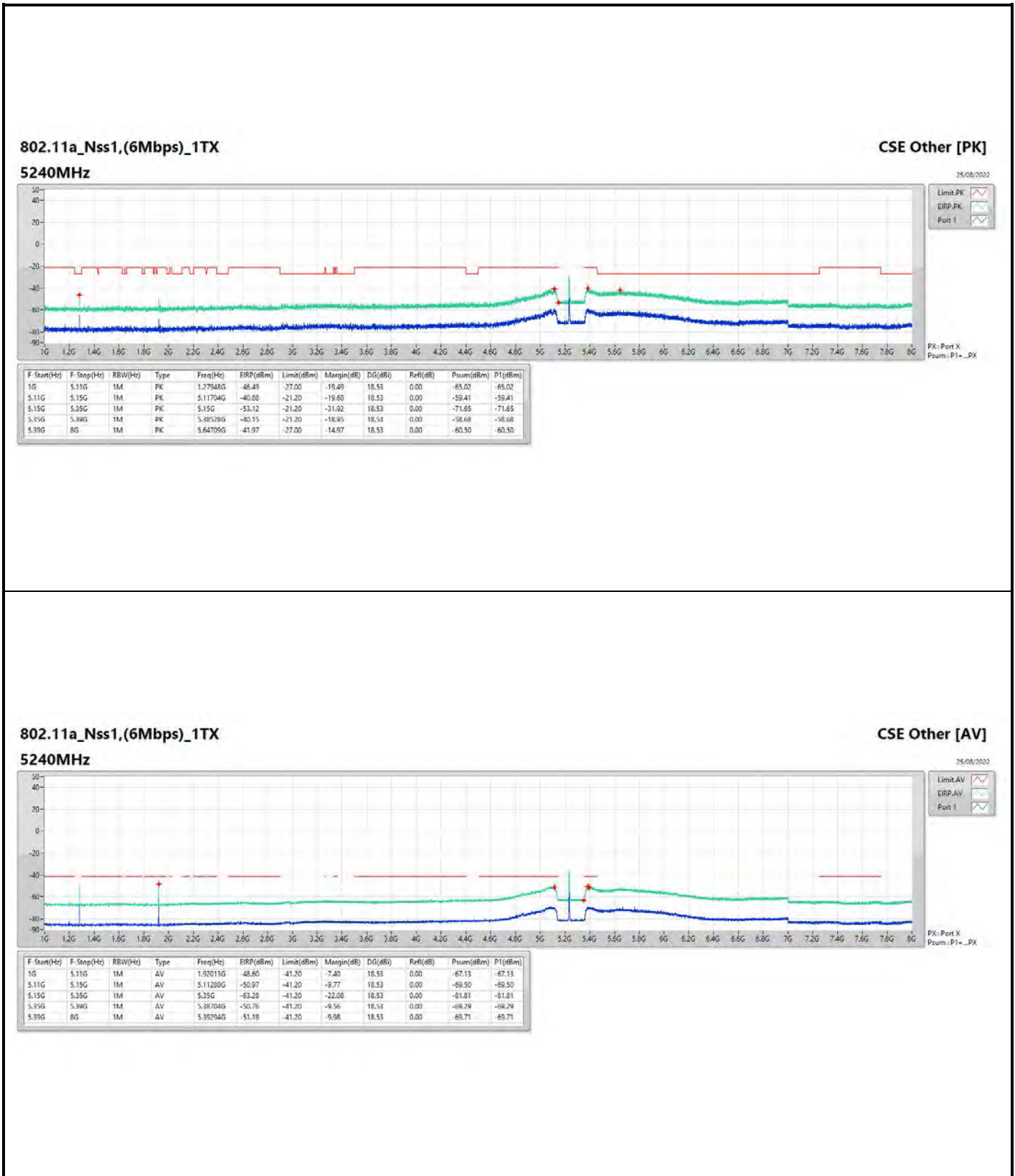
**Appendix E.23**

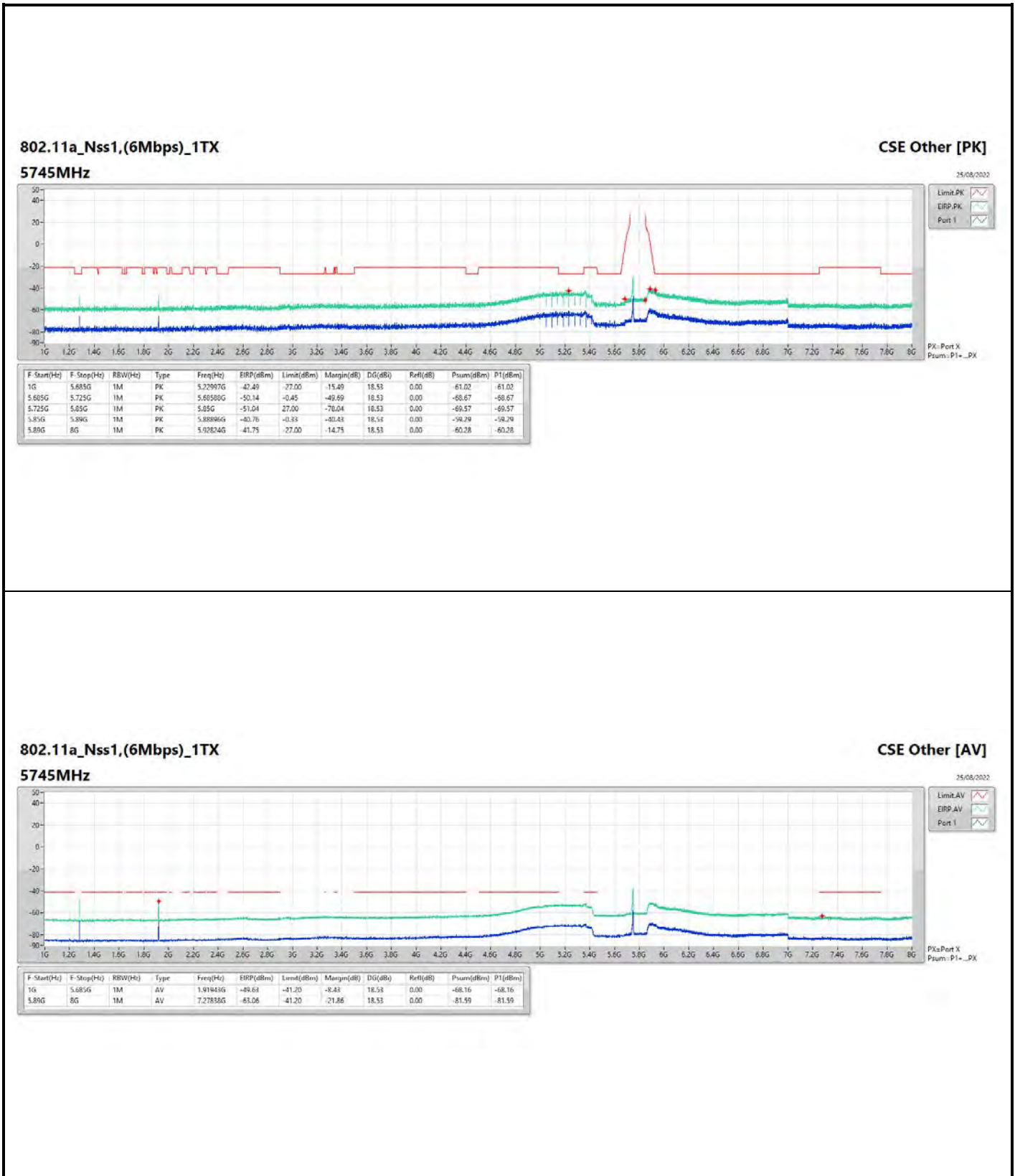
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW80_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.9197G	18.53	-67.16	-67.16	-48.63	-41.20	-7.43
5210MHz	Pass	4.99G	5.15G	AV	5.12024G	18.53	-66.75	-66.75	-48.22	-41.20	-7.02
5210MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.09	-81.09	-62.56	-41.20	-21.36
5210MHz	Pass	5.35G	5.51G	AV	5.4076G	18.53	-72.06	-72.06	-53.53	-41.20	-12.33
5210MHz	Pass	5.51G	8G	AV	7.3112G	18.53	-81.91	-81.91	-63.38	-41.20	-22.18
5210MHz	Pass	1G	4.99G	PK	1.2798G	18.53	-65.22	-65.22	-46.69	-27.00	-19.69
5210MHz	Pass	4.99G	5.15G	PK	5.1244G	18.53	-55.60	-55.60	-37.07	-21.20	-15.87
5210MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-70.59	-70.59	-52.06	-21.20	-30.86
5210MHz	Pass	5.35G	5.51G	PK	5.49976G	18.53	-60.83	-60.83	-42.30	-27.00	-15.30
5210MHz	Pass	5.51G	8G	PK	5.75993G	18.53	-59.89	-59.89	-41.36	-27.00	-14.36
5775MHz	Pass	1G	5.565G	AV	1.91985G	18.53	-66.43	-66.43	-47.90	-41.20	-6.70
5775MHz	Pass	6.01G	8G	AV	7.26494G	18.53	-81.87	-81.87	-63.34	-41.20	-22.14
5775MHz	Pass	1G	5.565G	PK	5.17184G	18.53	-61.94	-61.94	-43.41	-27.00	-16.41
5775MHz	Pass	5.565G	5.725G	PK	5.5698G	18.53	-69.53	-69.53	-51.00	-27.00	-24.00
5775MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.20	-69.20	-50.67	27.00	-77.67
5775MHz	Pass	5.85G	6.01G	PK	5.92648G	18.53	-52.63	-52.63	-34.10	-27.00	-7.10
5775MHz	Pass	6.01G	8G	PK	6.01547G	18.53	-63.29	-63.29	-44.76	-27.00	-17.76

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

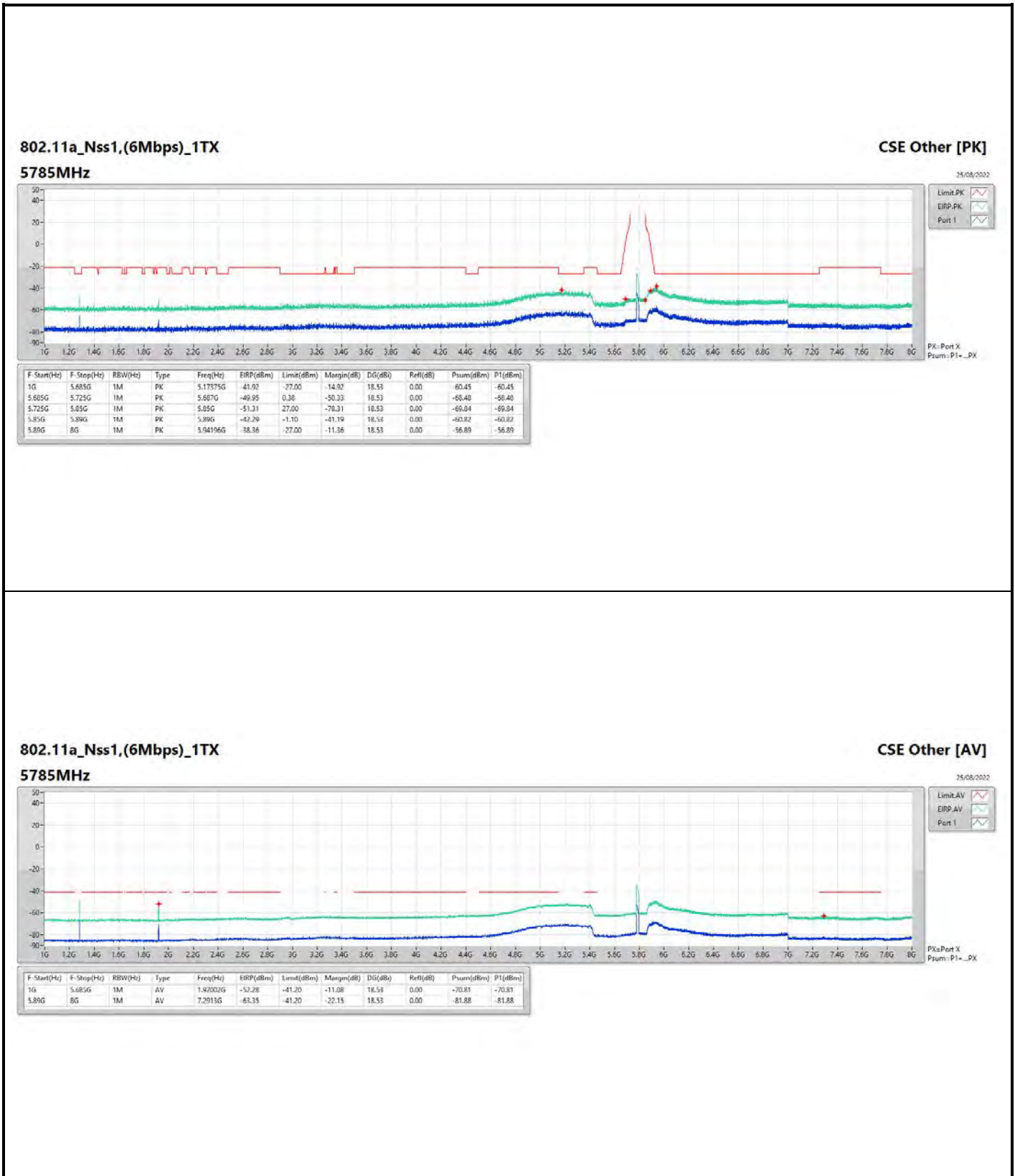


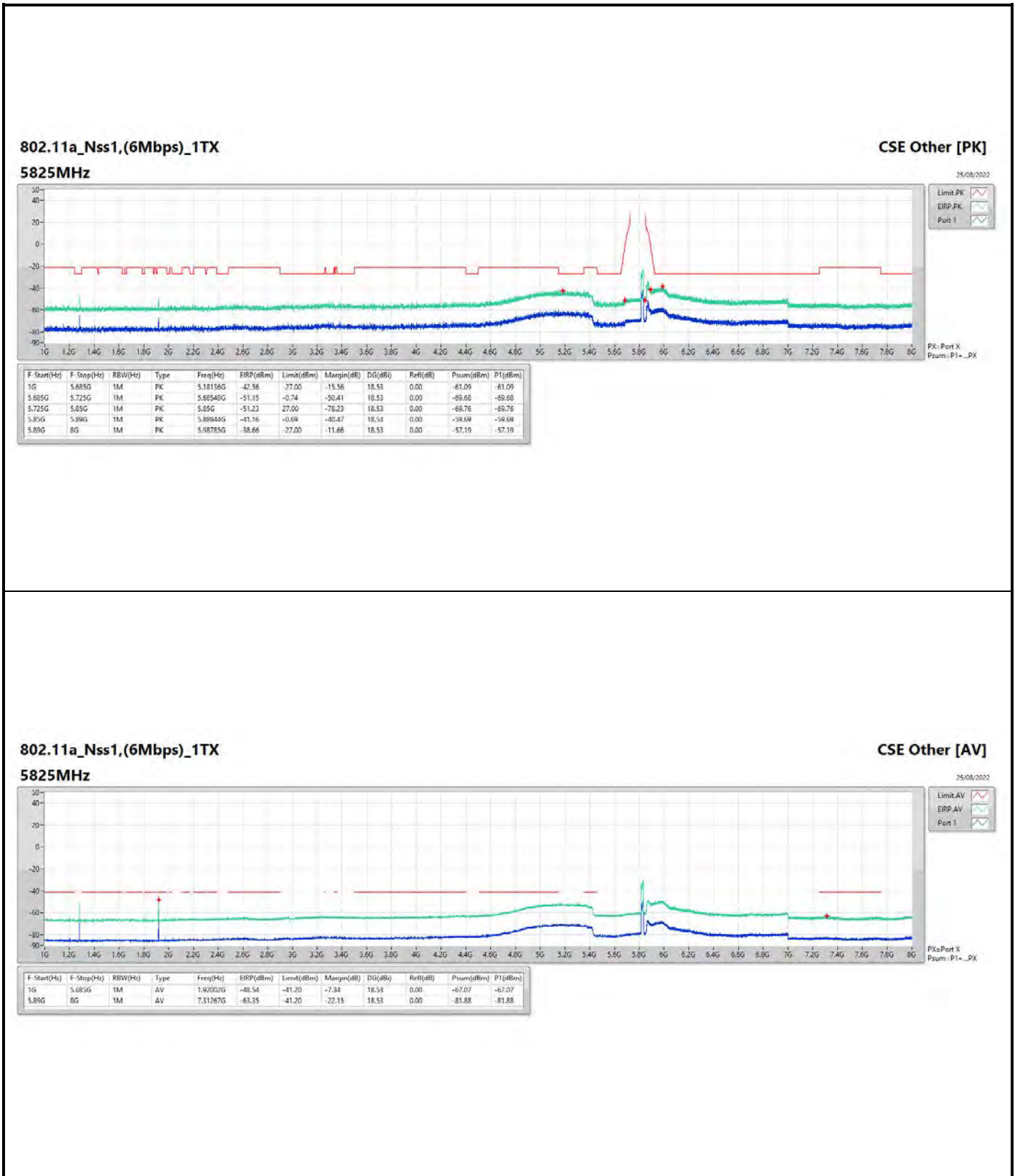


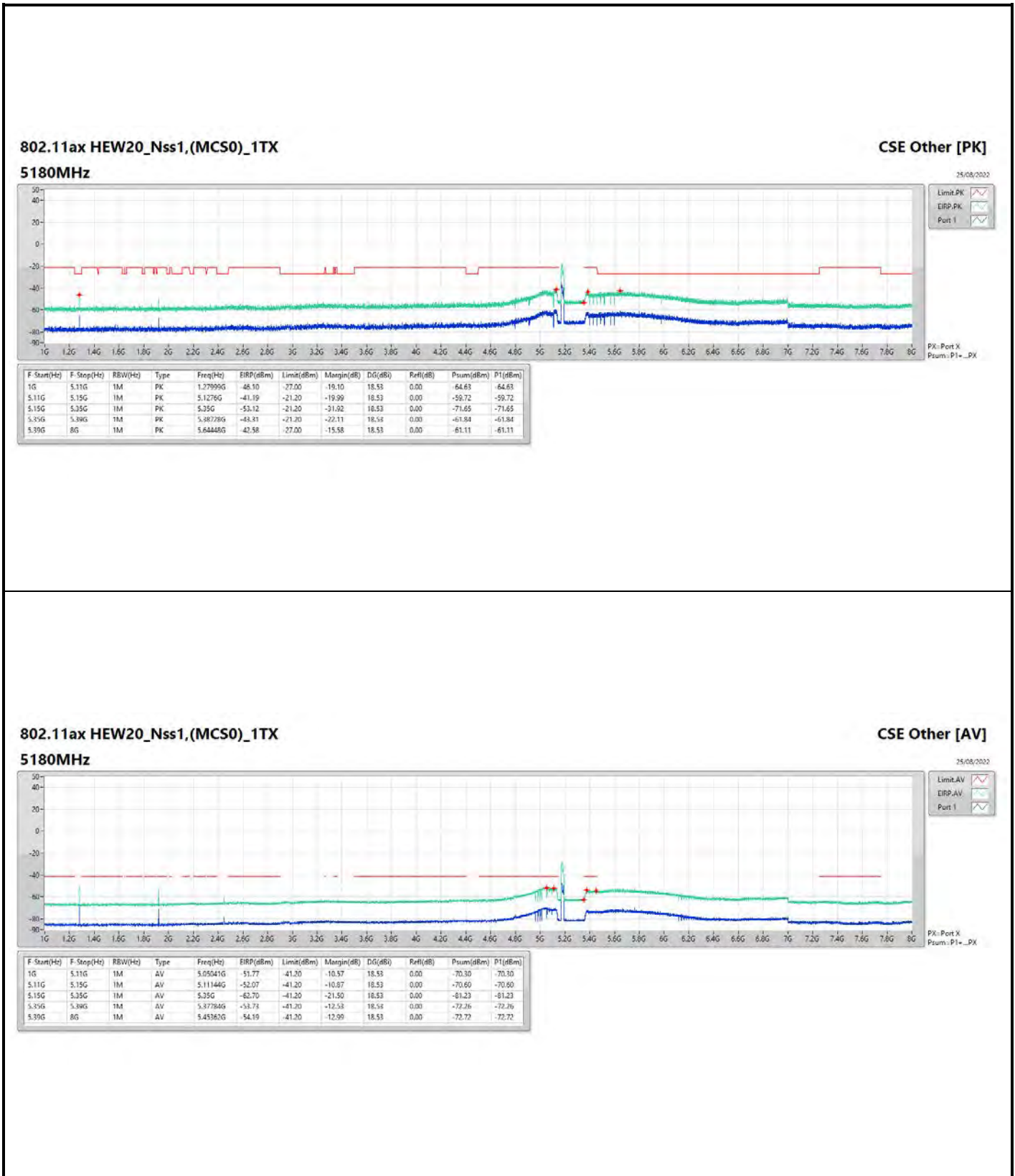


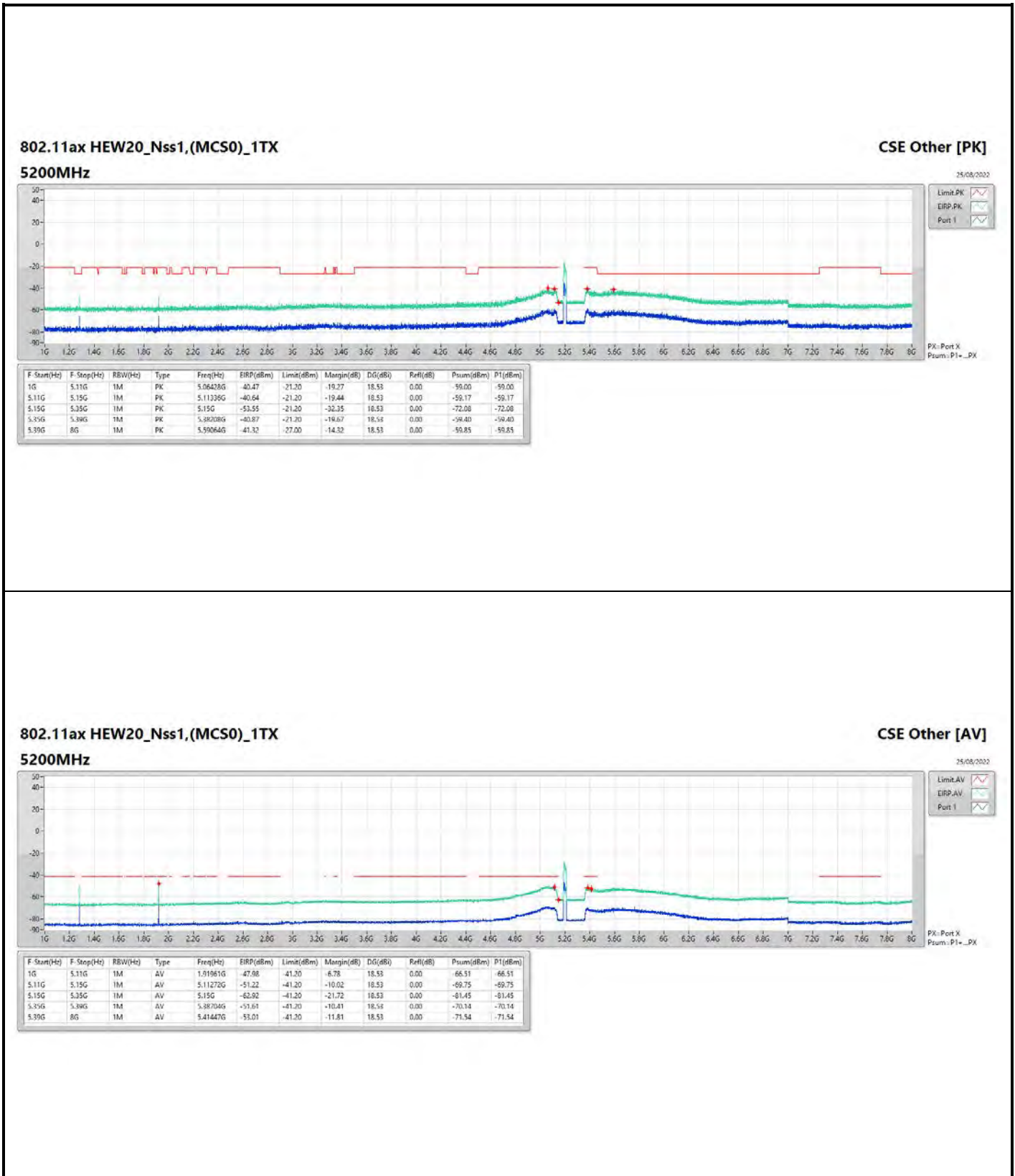




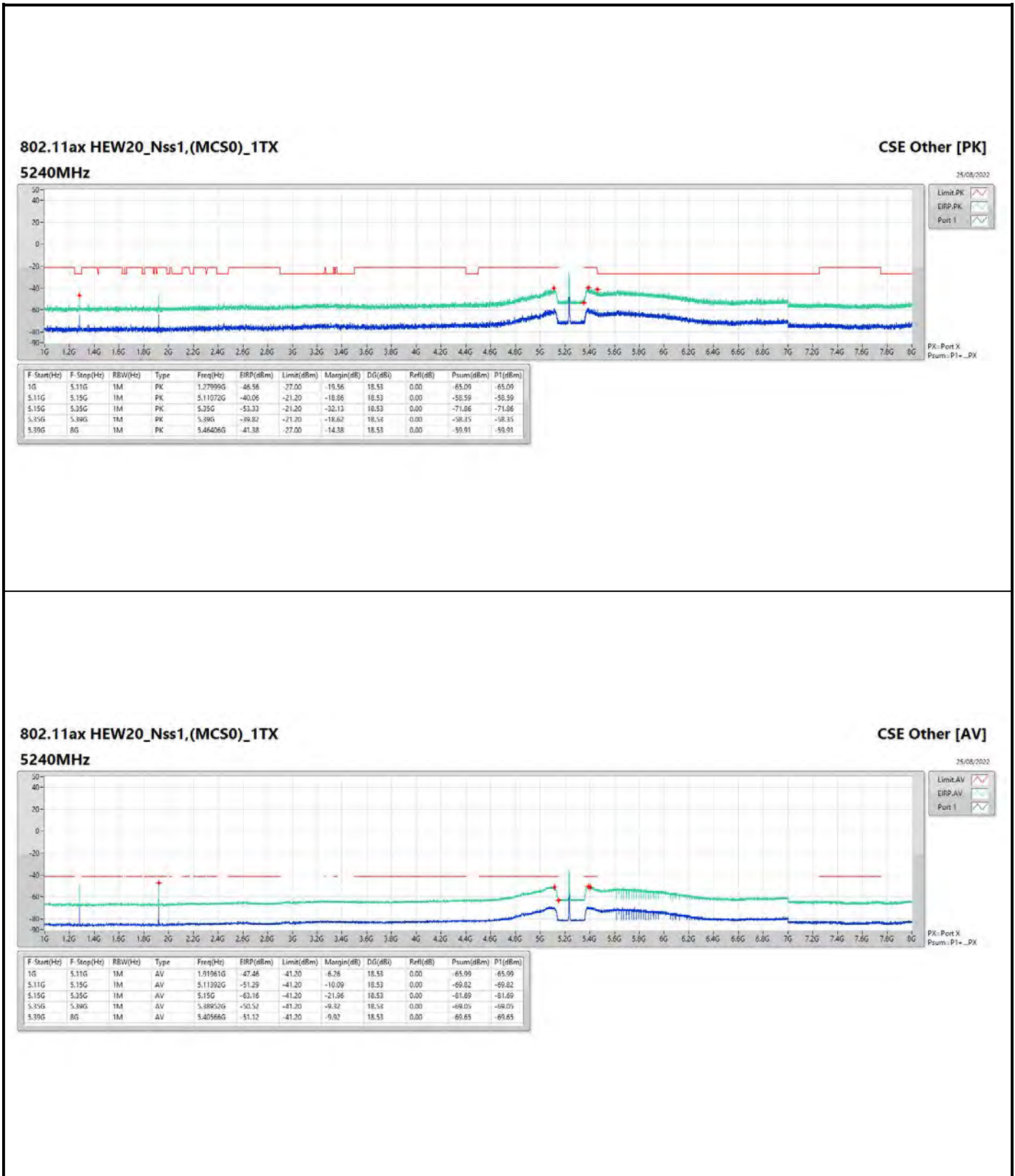




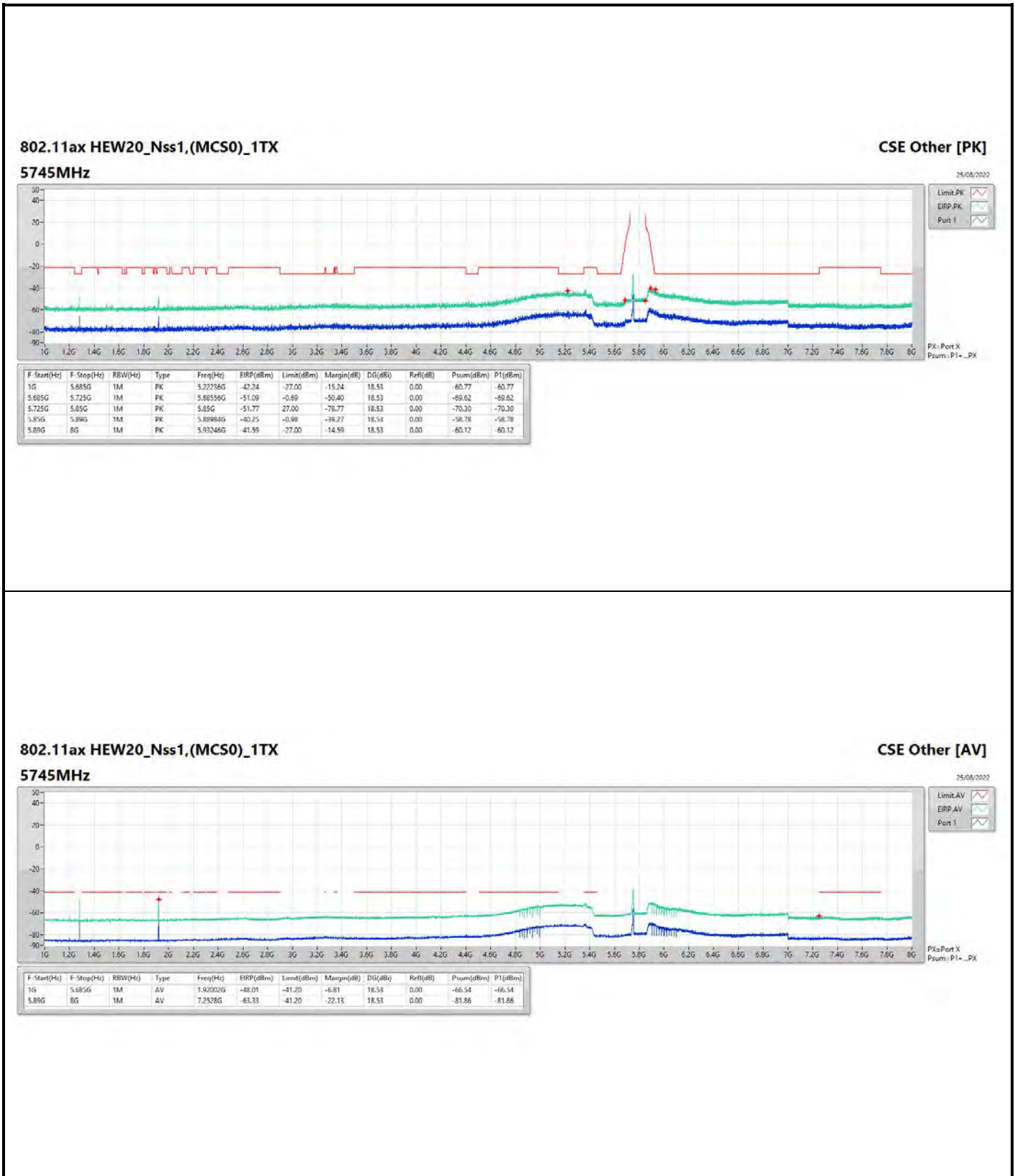


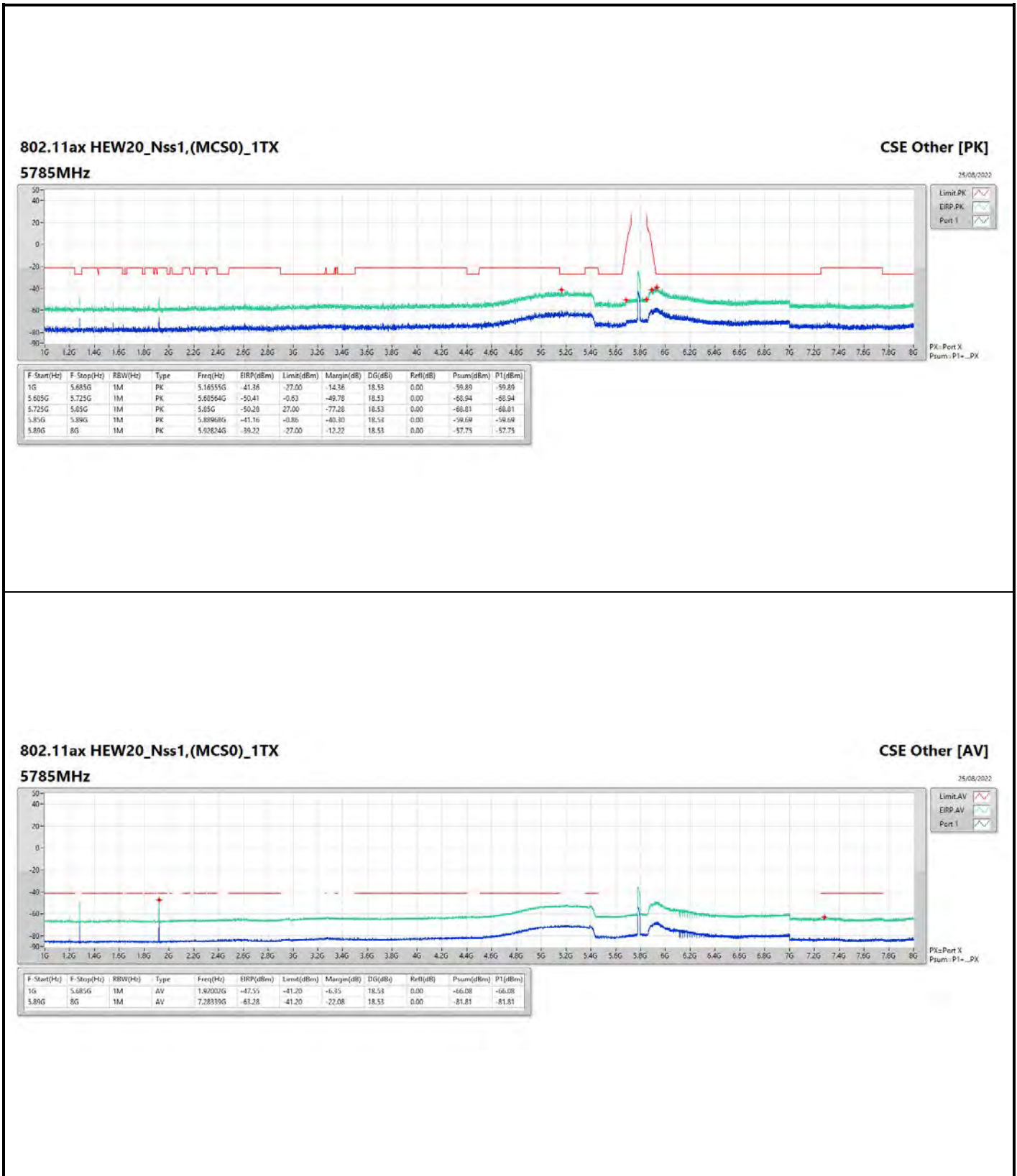


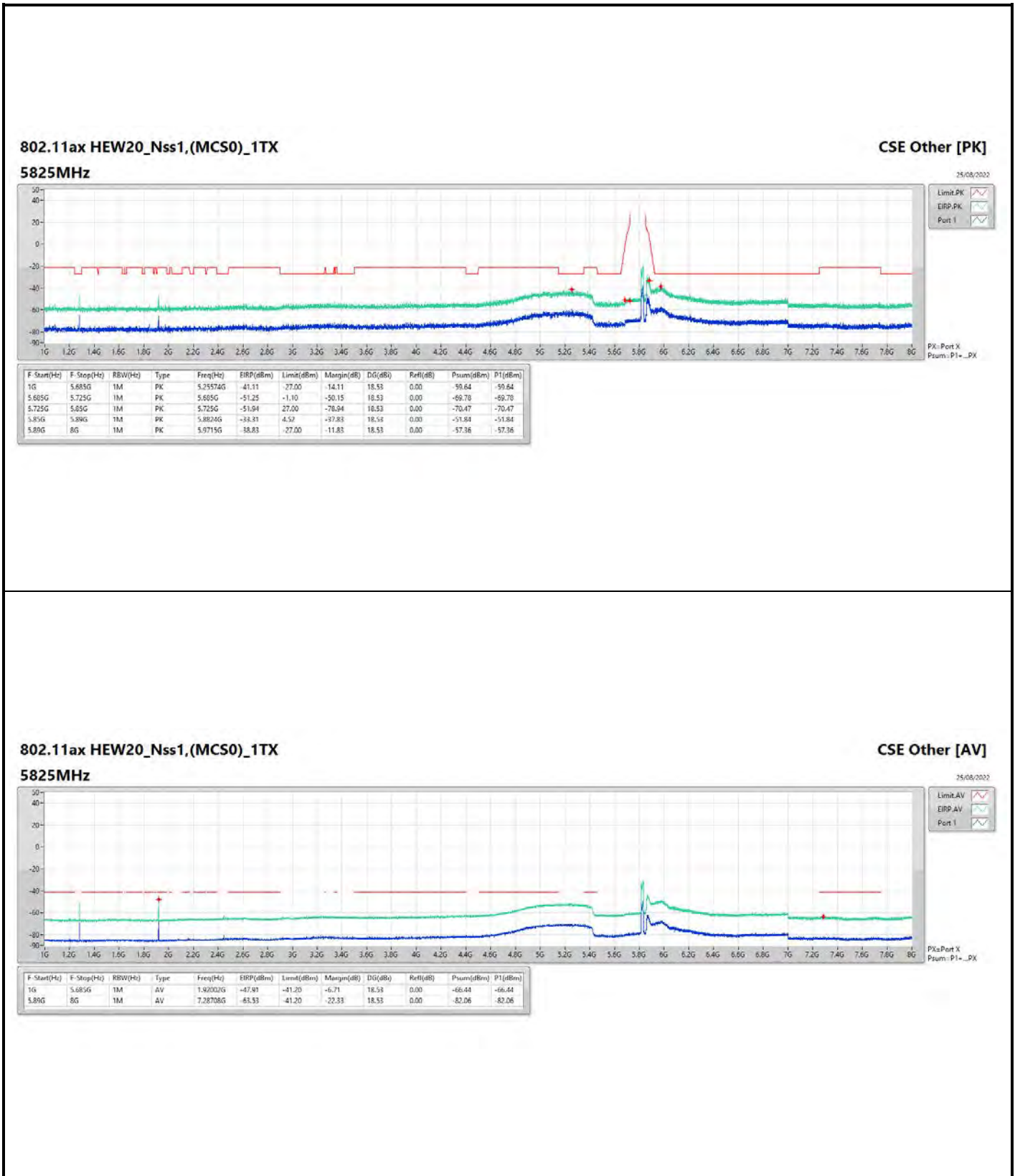


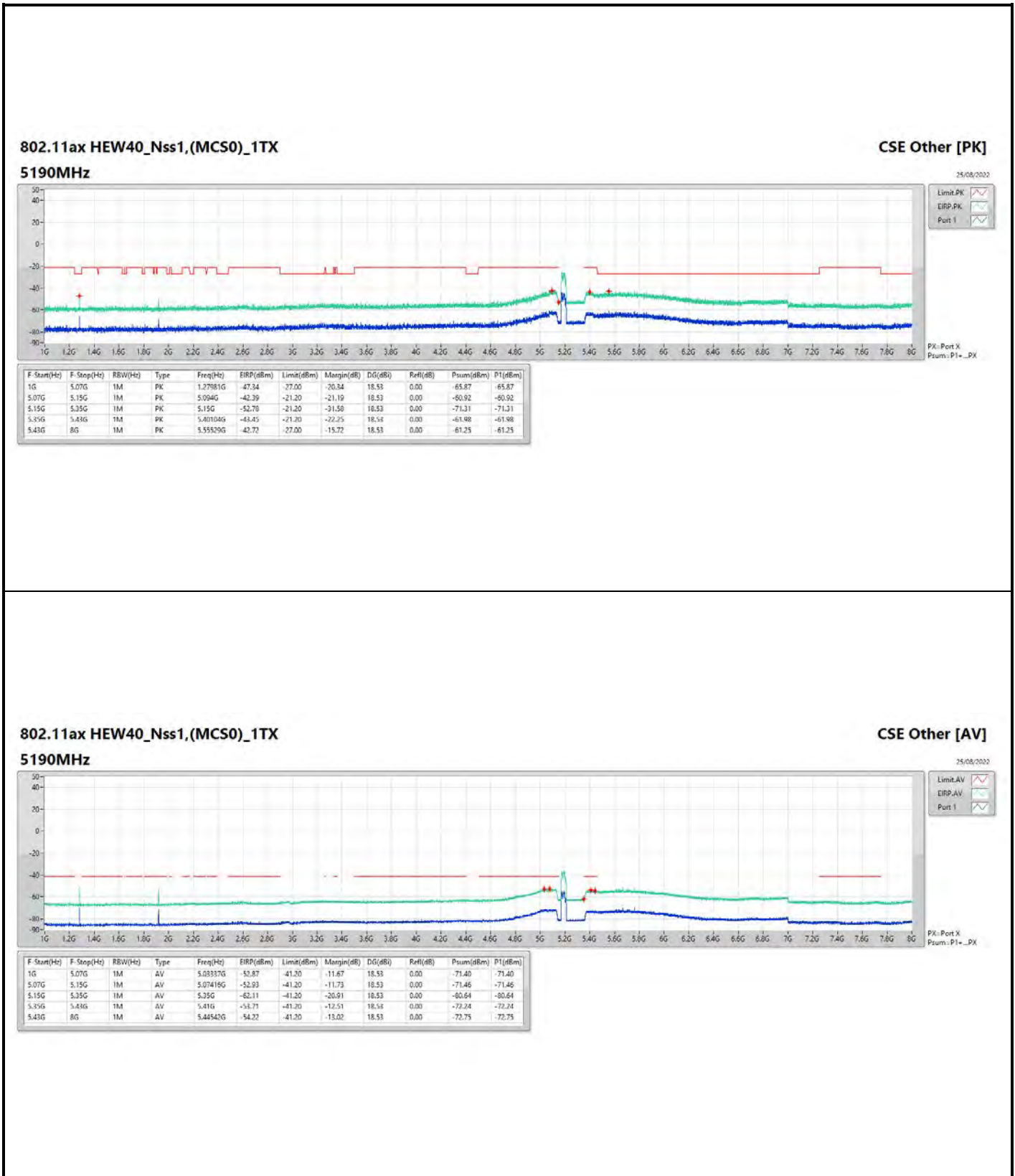




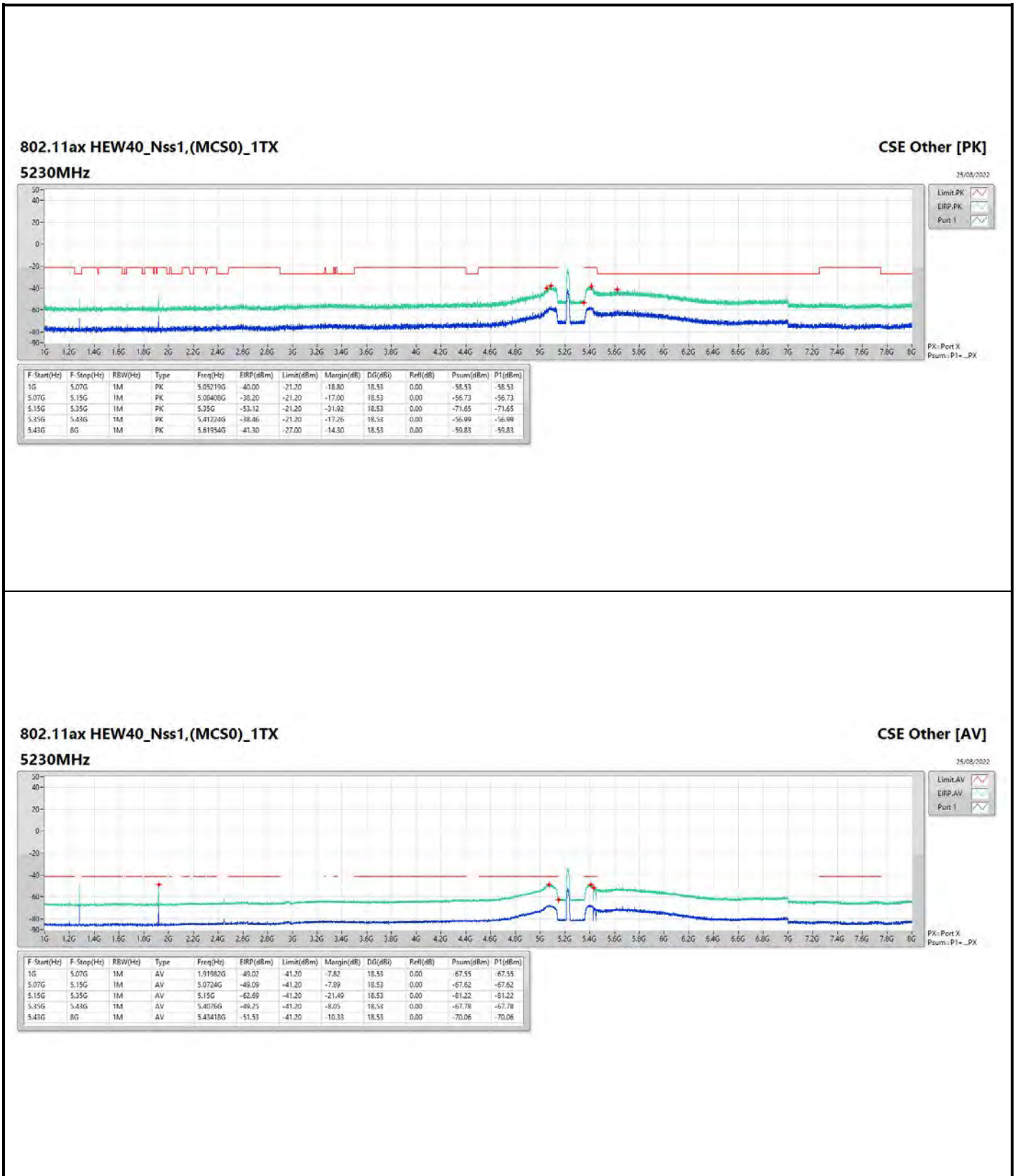




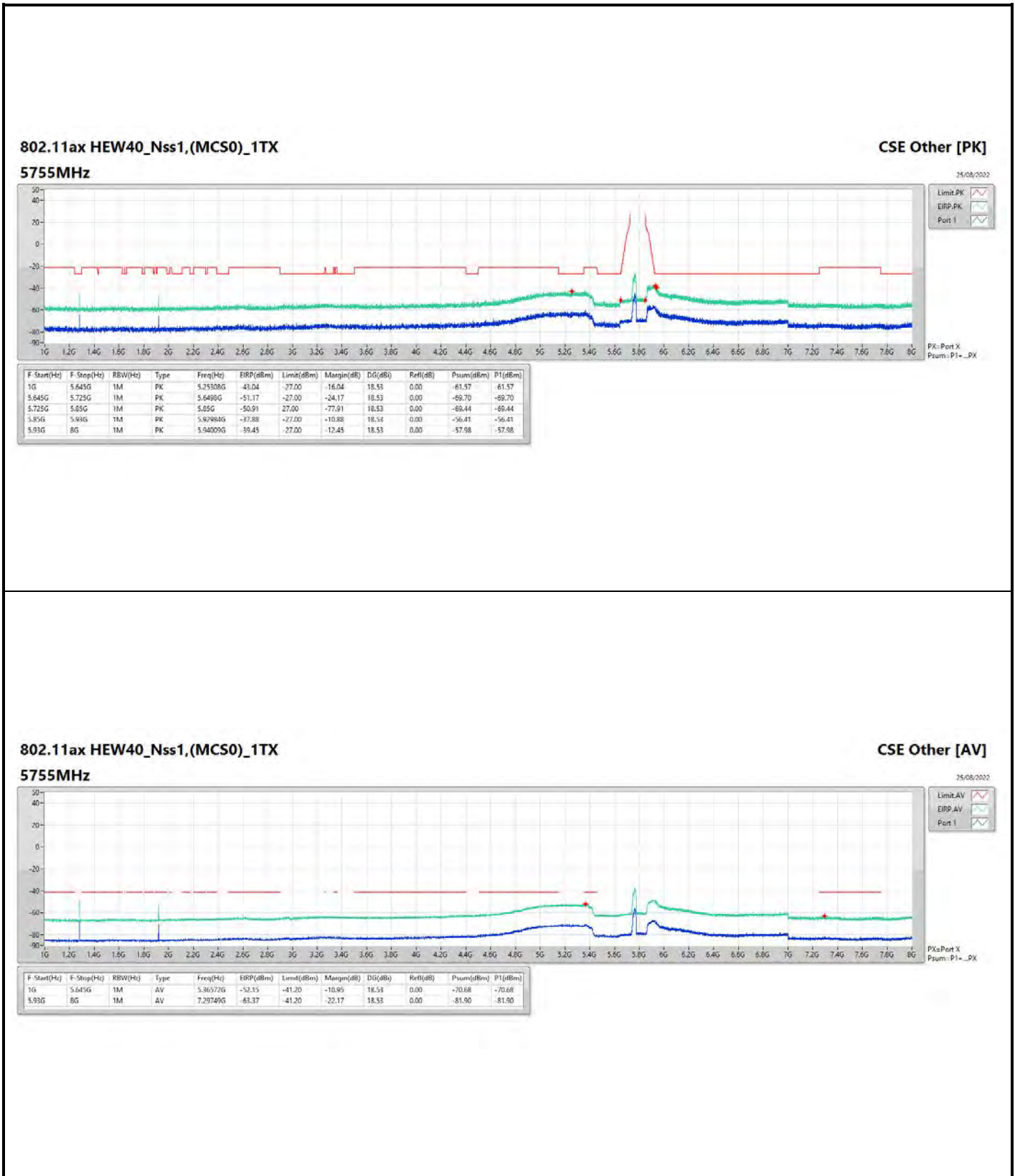


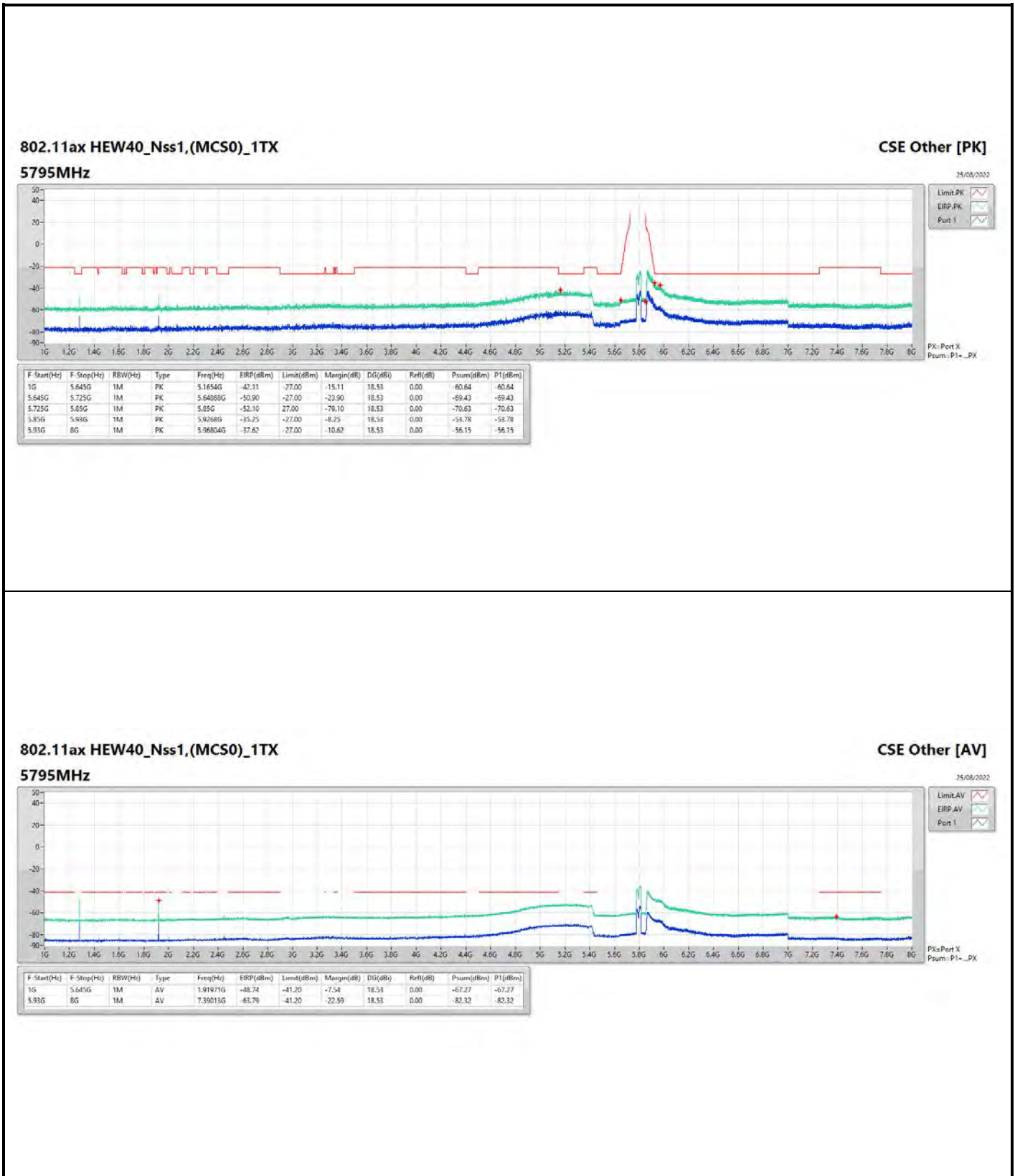


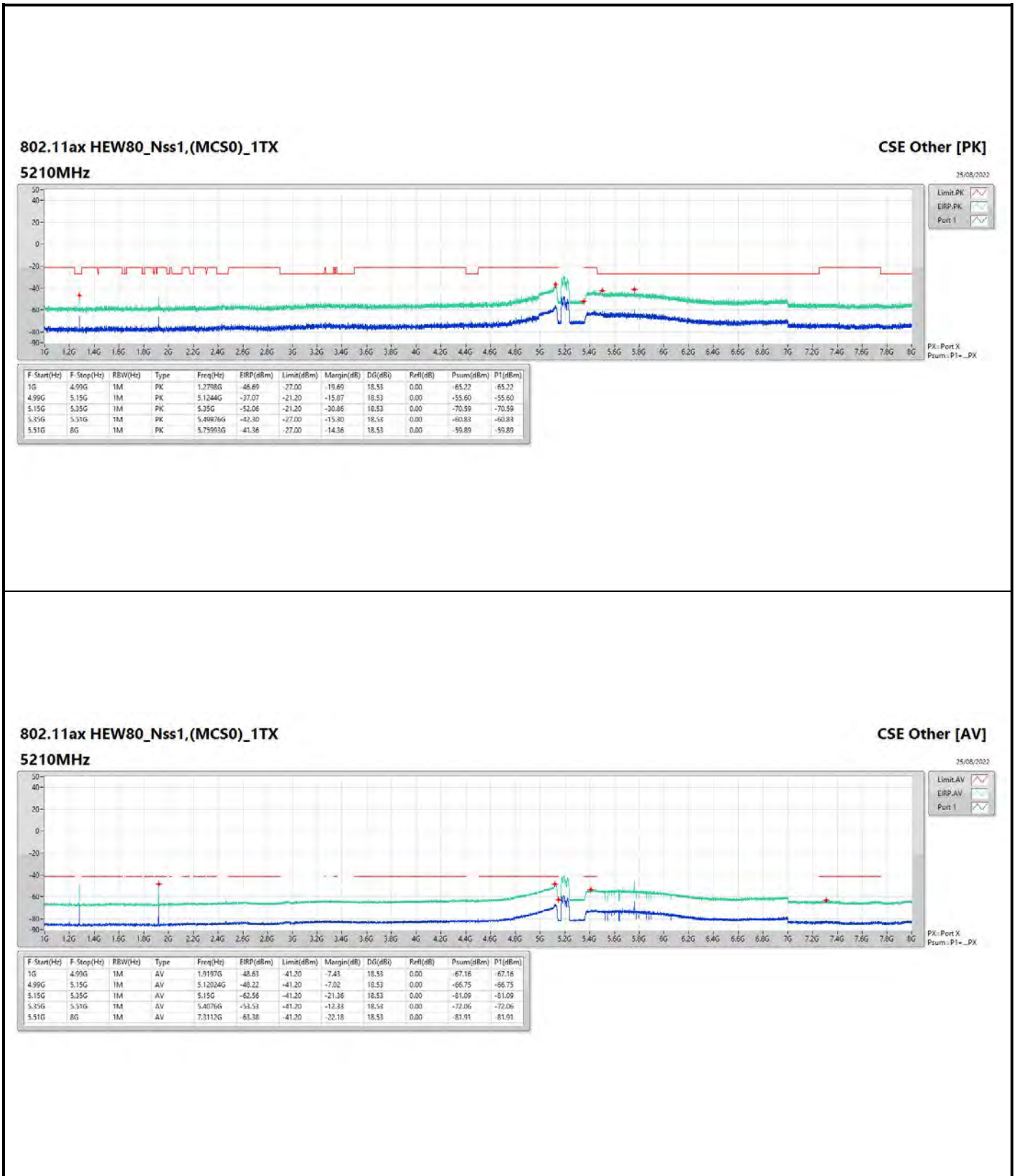


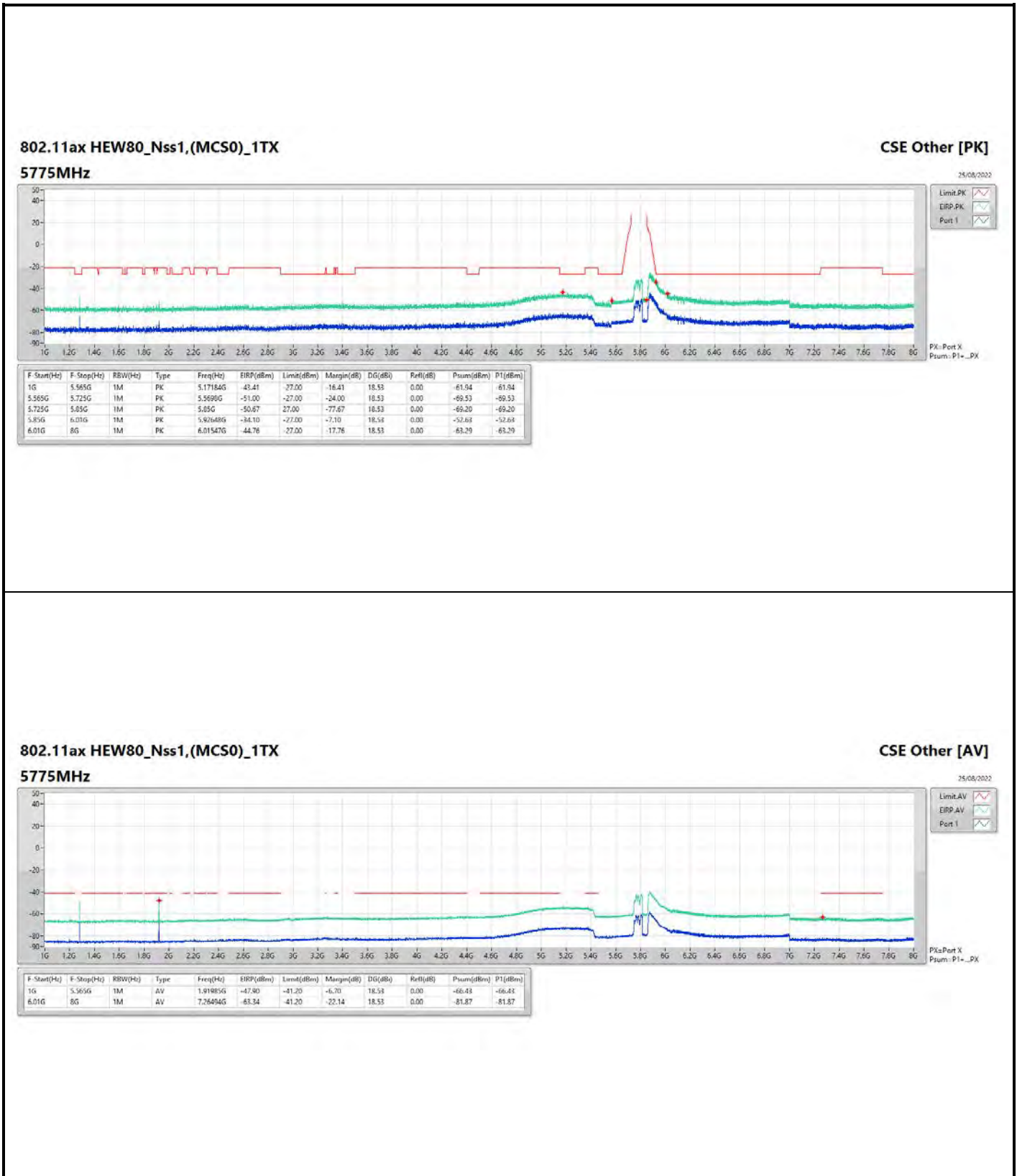














**CSE\_Scanning R3\_Antenna set 10 (Harmonic 8GHz ~ 40GHz)**  
**\_P to M**

**Appendix E.24**

**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	22.192G	18.53	-83.52	-83.52	-64.99	-41.20	-23.79
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.01G	18.53	-83.51	-83.51	-64.98	-41.20	-23.78
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.017G	18.53	-83.69	-83.69	-65.16	-41.20	-23.96
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.1255G	18.53	-83.69	-83.69	-65.16	-41.20	-23.96
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	8G	12G	AV	11.5685G	18.53	-77.93	-77.93	-59.40	-41.20	-18.20
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	8G	12G	AV	11.5665G	18.53	-78.33	-78.33	-59.80	-41.20	-18.60
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	8G	12G	AV	11.518G	18.53	-79.63	-79.63	-61.10	-41.20	-19.90
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	22.038G	18.53	-83.56	-83.56	-65.03	-41.20	-23.83

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





**CSE\_Scanning R3\_Antenna set 10 (Harmonic 8GHz ~ 40GHz)**  
**\_P to M**

**Appendix E.24**

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.4935G	18.53	-84.09	-84.09	-65.56	-41.20	-24.36
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-86.84	-86.84	-68.31	-41.20	-27.11
5180MHz	Pass	12G	40G	AV	22.192G	18.53	-83.52	-83.52	-64.99	-41.20	-23.79
5180MHz	Pass	8G	12G	PK	8.7995G	18.53	-73.08	-73.08	-54.55	-27.00	-27.55
5180MHz	Pass	8G	12G	PK	10.356G	18.53	-73.09	-73.09	-54.56	-27.00	-27.56
5180MHz	Pass	12G	40G	PK	12.72375G	18.53	-81.76	-81.76	-63.23	-27.00	-36.23
5200MHz	Pass	8G	12G	AV	8.499G	18.53	-83.87	-83.87	-65.34	-41.20	-24.14
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.56	-86.56	-68.03	-41.20	-26.83
5200MHz	Pass	12G	40G	AV	22.129G	18.53	-83.70	-83.70	-65.17	-41.20	-23.97
5200MHz	Pass	8G	12G	PK	8.6825G	18.53	-72.73	-72.73	-54.20	-27.00	-27.20
5200MHz	Pass	8G	12G	PK	10.3985G	18.53	-72.76	-72.76	-54.23	-27.00	-27.23
5200MHz	Pass	12G	40G	PK	21.975G	18.53	-74.97	-74.97	-56.44	-27.00	-29.44
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-86.13	-86.13	-67.60	-41.20	-26.40
5240MHz	Pass	8G	12G	AV	11.027G	18.53	-84.26	-84.26	-65.73	-41.20	-24.53
5240MHz	Pass	12G	40G	AV	22.2165G	18.53	-83.80	-83.80	-65.27	-41.20	-24.07
5240MHz	Pass	8G	12G	PK	10.4875G	18.53	-72.02	-72.02	-53.49	-27.00	-26.49
5240MHz	Pass	12G	40G	PK	21.9715G	18.53	-73.11	-73.11	-54.58	-27.00	-27.58
5745MHz	Pass	8G	12G	AV	11.493G	18.53	-80.77	-80.77	-62.24	-41.20	-21.04
5745MHz	Pass	12G	40G	AV	22.136G	18.53	-83.69	-83.69	-65.16	-41.20	-23.96
5745MHz	Pass	8G	12G	PK	8.5615G	18.53	-71.81	-71.81	-53.28	-27.00	-26.28
5745MHz	Pass	8G	12G	PK	11.5G	18.53	-68.29	-68.29	-49.76	-21.20	-28.56
5745MHz	Pass	12G	40G	PK	21.919G	18.53	-74.40	-74.40	-55.87	-27.00	-28.87
5785MHz	Pass	8G	12G	AV	11.5685G	18.53	-77.93	-77.93	-59.40	-41.20	-18.20
5785MHz	Pass	12G	40G	AV	22.031G	18.53	-83.54	-83.54	-65.01	-41.20	-23.81
5785MHz	Pass	8G	12G	PK	10.0125G	18.53	-72.70	-72.70	-54.17	-27.00	-27.17
5785MHz	Pass	8G	12G	PK	11.568G	18.53	-69.04	-69.04	-50.51	-21.20	-29.31
5785MHz	Pass	12G	40G	PK	21.695G	18.53	-73.90	-73.90	-55.37	-27.00	-28.37
5825MHz	Pass	8G	12G	AV	11.6445G	18.53	-81.41	-81.41	-62.88	-41.20	-21.68
5825MHz	Pass	12G	40G	AV	22.087G	18.53	-83.76	-83.76	-65.23	-41.20	-24.03
5825MHz	Pass	8G	12G	PK	8.7435G	18.53	-72.66	-72.66	-54.13	-27.00	-27.13
5825MHz	Pass	8G	12G	PK	11.64G	18.53	-70.80	-70.80	-52.27	-21.20	-31.07
5825MHz	Pass	12G	40G	PK	32.5905G	18.53	-74.50	-74.50	-55.97	-27.00	-28.97
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8G	12G	AV	8.485G	18.53	-84.12	-84.12	-65.59	-41.20	-24.39
5180MHz	Pass	8G	12G	AV	10.6G	18.53	-87.42	-87.42	-68.89	-41.20	-27.69
5180MHz	Pass	12G	40G	AV	38.9955G	18.53	-83.97	-83.97	-65.44	-41.20	-24.24
5180MHz	Pass	8G	12G	PK	8.718G	18.53	-71.28	-71.28	-52.75	-27.00	-25.75
5180MHz	Pass	8G	12G	PK	10.3495G	18.53	-72.84	-72.84	-54.31	-27.00	-27.31
5180MHz	Pass	12G	40G	PK	22.003G	18.53	-74.29	-74.29	-55.76	-27.00	-28.76
5200MHz	Pass	8G	12G	AV	10.6G	18.53	-86.43	-86.43	-67.90	-41.20	-26.70
5200MHz	Pass	8G	12G	AV	10.926G	18.53	-84.24	-84.24	-65.71	-41.20	-24.51
5200MHz	Pass	12G	40G	AV	22.143G	18.53	-83.79	-83.79	-65.26	-41.20	-24.06
5200MHz	Pass	8G	12G	PK	8.5725G	18.53	-72.10	-72.10	-53.57	-27.00	-26.57
5200MHz	Pass	8G	12G	PK	10.405G	18.53	-73.25	-73.25	-54.72	-27.00	-27.72
5200MHz	Pass	12G	40G	PK	32.755G	18.53	-74.10	-74.10	-55.57	-27.00	-28.57
5240MHz	Pass	8G	12G	AV	8.473G	18.53	-84.33	-84.33	-65.80	-41.20	-24.60
5240MHz	Pass	8G	12G	AV	10.6G	18.53	-85.72	-85.72	-67.19	-41.20	-25.99
5240MHz	Pass	12G	40G	AV	22.01G	18.53	-83.51	-83.51	-64.98	-41.20	-23.78
5240MHz	Pass	8G	12G	PK	10.485G	18.53	-72.07	-72.07	-53.54	-27.00	-26.54
5240MHz	Pass	12G	40G	PK	21.9575G	18.53	-73.84	-73.84	-55.31	-27.00	-28.31
5745MHz	Pass	8G	12G	AV	11.5015G	18.53	-80.47	-80.47	-61.94	-41.20	-20.74
5745MHz	Pass	12G	40G	AV	22.01G	18.53	-83.84	-83.84	-65.31	-41.20	-24.11
5745MHz	Pass	8G	12G	PK	8.7235G	18.53	-72.44	-72.44	-53.91	-27.00	-26.91
5745MHz	Pass	8G	12G	PK	11.506G	18.53	-70.78	-70.78	-52.25	-21.20	-31.05
5745MHz	Pass	12G	40G	PK	38.166G	18.53	-74.60	-74.60	-56.07	-27.00	-29.07
5785MHz	Pass	8G	12G	AV	11.5665G	18.53	-78.33	-78.33	-59.80	-41.20	-18.60
5785MHz	Pass	12G	40G	AV	22.0695G	18.53	-83.99	-83.99	-65.46	-41.20	-24.26
5785MHz	Pass	8G	12G	PK	8.622G	18.53	-71.55	-71.55	-53.02	-27.00	-26.02
5785MHz	Pass	8G	12G	PK	11.557G	18.53	-67.65	-67.65	-49.12	-21.20	-27.92
5785MHz	Pass	12G	40G	PK	21.6215G	18.53	-73.14	-73.14	-54.61	-27.00	-27.61
5825MHz	Pass	8G	12G	AV	11.64G	18.53	-80.10	-80.10	-61.57	-41.20	-20.37
5825MHz	Pass	12G	40G	AV	22.024G	18.53	-83.50	-83.50	-64.97	-41.20	-23.77
5825MHz	Pass	8G	12G	PK	8.635G	18.53	-72.83	-72.83	-54.30	-27.00	-27.30
5825MHz	Pass	8G	12G	PK	11.643G	18.53	-71.30	-71.30	-52.77	-21.20	-31.57
5825MHz	Pass	12G	40G	PK	33.2205G	18.53	-73.76	-73.76	-55.23	-27.00	-28.23
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8G	12G	AV	8.4475G	18.53	-84.26	-84.26	-65.73	-41.20	-24.53
5190MHz	Pass	8G	12G	AV	10.6G	18.53	-86.51	-86.51	-67.98	-41.20	-26.78

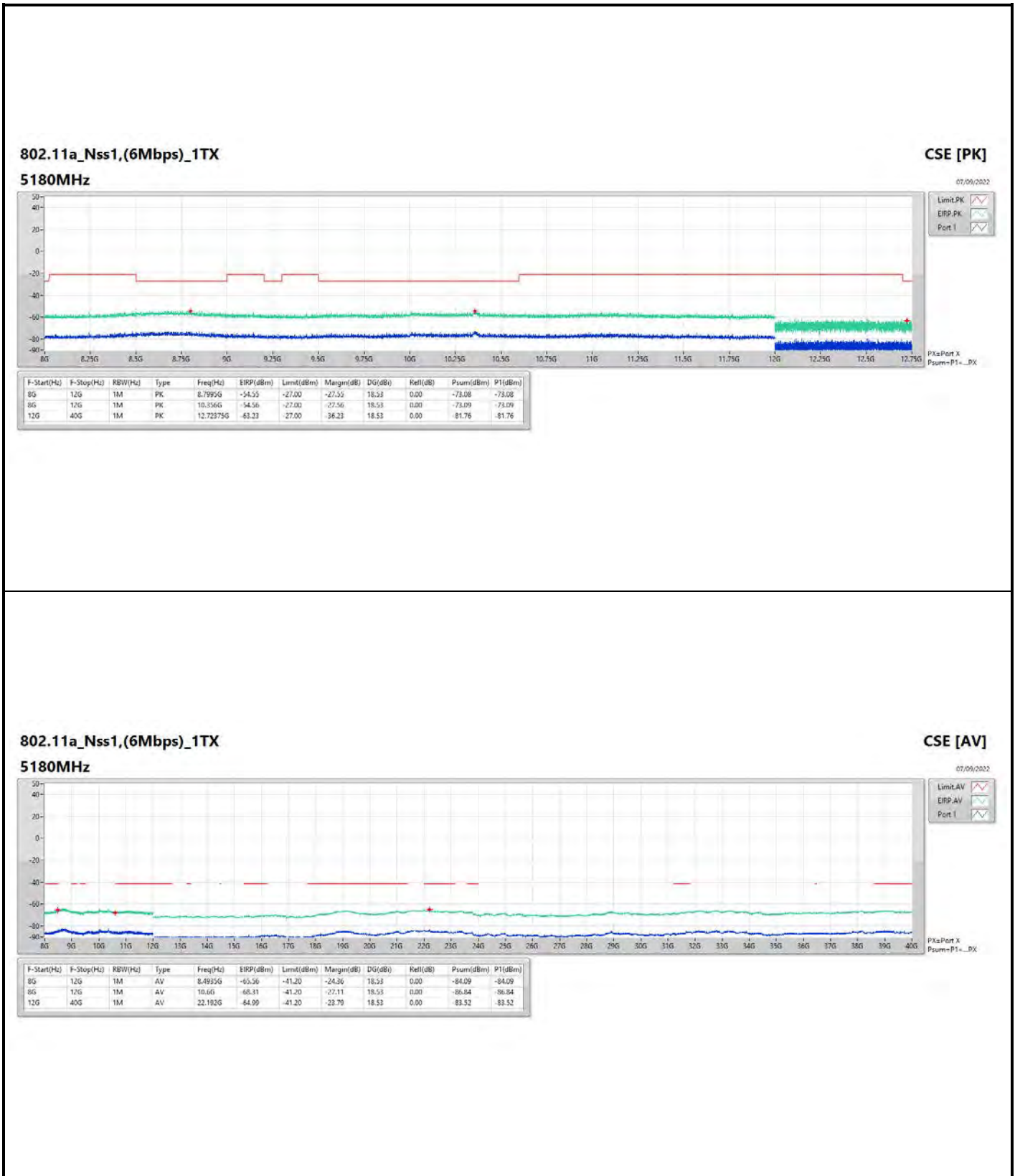


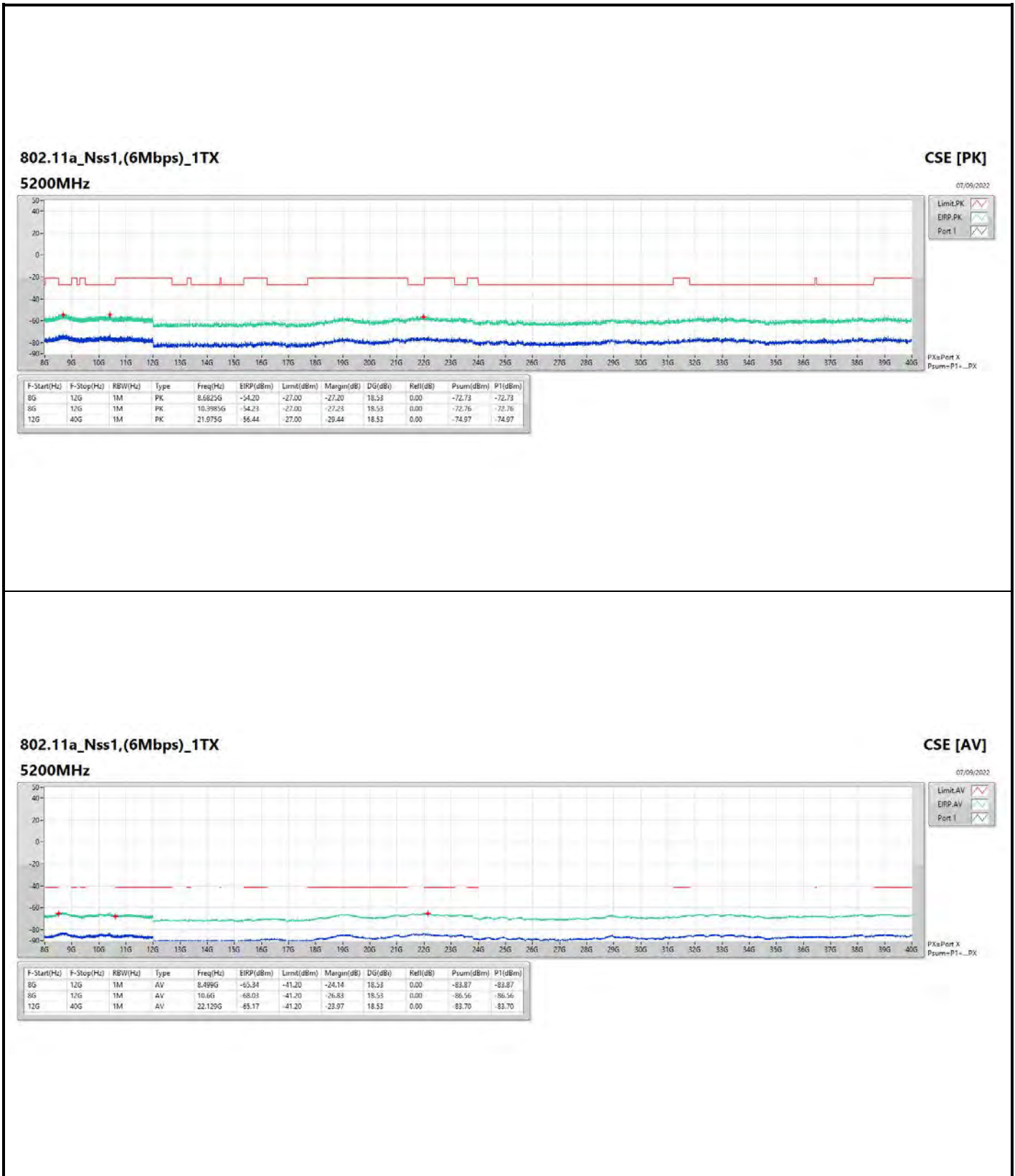
**CSE\_Scanning R3\_Antenna set 10 (Harmonic 8GHz ~ 40GHz)**  
**\_P to M**

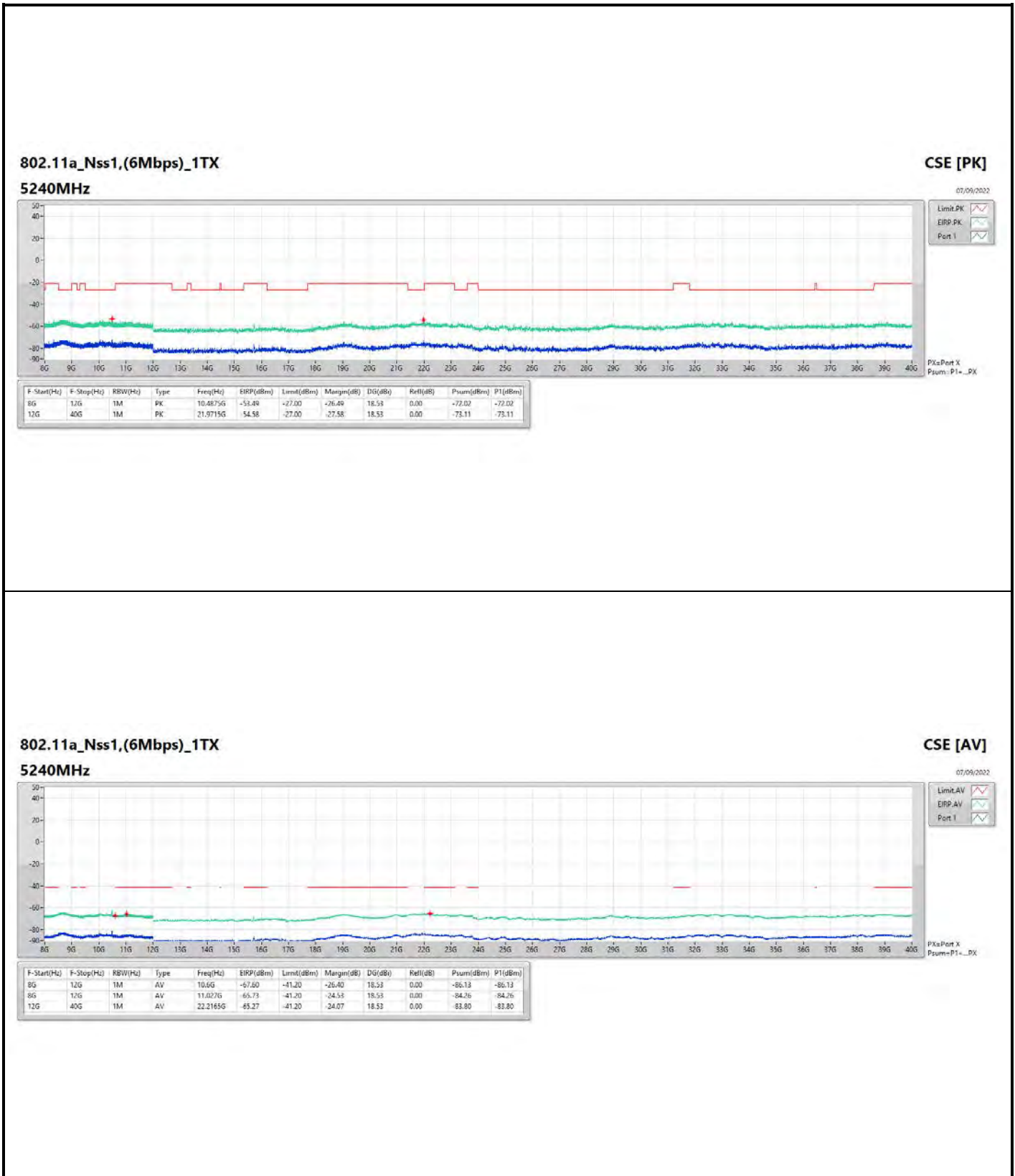
**Appendix E.24**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	12G	40G	AV	22.017G	18.53	-83.69	-83.69	-65.16	-41.20	-23.96
5190MHz	Pass	8G	12G	PK	8.8705G	18.53	-72.13	-72.13	-53.60	-27.00	-26.60
5190MHz	Pass	8G	12G	PK	10.4135G	18.53	-74.98	-74.98	-56.45	-27.00	-29.45
5190MHz	Pass	12G	40G	PK	21.5445G	18.53	-73.97	-73.97	-55.44	-27.00	-28.44
5230MHz	Pass	8G	12G	AV	8.4945G	18.53	-84.07	-84.07	-65.54	-41.20	-24.34
5230MHz	Pass	8G	12G	AV	10.6G	18.53	-86.82	-86.82	-68.29	-41.20	-27.09
5230MHz	Pass	12G	40G	AV	22.0205G	18.53	-83.84	-83.84	-65.31	-41.20	-24.11
5230MHz	Pass	8G	12G	PK	8.612G	18.53	-72.79	-72.79	-54.26	-27.00	-27.26
5230MHz	Pass	8G	12G	PK	10.4755G	18.53	-73.00	-73.00	-54.47	-27.00	-27.47
5230MHz	Pass	12G	40G	PK	32.7585G	18.53	-74.28	-74.28	-55.75	-27.00	-28.75
5755MHz	Pass	8G	12G	AV	11.518G	18.53	-79.63	-79.63	-61.10	-41.20	-19.90
5755MHz	Pass	12G	40G	AV	22.1185G	18.53	-83.92	-83.92	-65.39	-41.20	-24.19
5755MHz	Pass	8G	12G	PK	8.741G	18.53	-72.73	-72.73	-54.20	-27.00	-27.20
5755MHz	Pass	8G	12G	PK	11.5095G	18.53	-70.29	-70.29	-51.76	-21.20	-30.56
5755MHz	Pass	12G	40G	PK	32.79G	18.53	-72.94	-72.94	-54.41	-27.00	-27.41
5795MHz	Pass	8G	12G	AV	11.5765G	18.53	-81.63	-81.63	-63.10	-41.20	-21.90
5795MHz	Pass	12G	40G	AV	22.0975G	18.53	-83.87	-83.87	-65.34	-41.20	-24.14
5795MHz	Pass	8G	12G	PK	8.6055G	18.53	-73.10	-73.10	-54.57	-27.00	-27.57
5795MHz	Pass	8G	12G	PK	11.572G	18.53	-72.67	-72.67	-54.14	-21.20	-32.94
5795MHz	Pass	12G	40G	PK	21.492G	18.53	-74.00	-74.00	-55.47	-27.00	-28.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8G	12G	AV	10.6G	18.53	-86.43	-86.43	-67.90	-41.20	-26.70
5210MHz	Pass	8G	12G	AV	11.155G	18.53	-84.10	-84.10	-65.57	-41.20	-24.37
5210MHz	Pass	12G	40G	AV	22.1255G	18.53	-83.69	-83.69	-65.16	-41.20	-23.96
5210MHz	Pass	8G	12G	PK	8.6985G	18.53	-71.01	-71.01	-52.48	-27.00	-25.48
5210MHz	Pass	8G	12G	PK	10.3785G	18.53	-73.90	-73.90	-55.37	-27.00	-28.37
5210MHz	Pass	12G	40G	PK	38.39G	18.53	-74.55	-74.55	-56.02	-27.00	-29.02
5775MHz	Pass	8G	12G	AV	8.4985G	18.53	-84.08	-84.08	-65.55	-41.20	-24.35
5775MHz	Pass	8G	12G	AV	11.523G	18.53	-84.12	-84.12	-65.59	-41.20	-24.39
5775MHz	Pass	12G	40G	AV	22.038G	18.53	-83.56	-83.56	-65.03	-41.20	-23.83
5775MHz	Pass	8G	12G	PK	8.6795G	18.53	-72.68	-72.68	-54.15	-27.00	-27.15
5775MHz	Pass	8G	12G	PK	11.5255G	18.53	-73.34	-73.34	-54.81	-21.20	-33.61
5775MHz	Pass	12G	40G	PK	21.6145G	18.53	-73.78	-73.78	-55.25	-27.00	-28.25

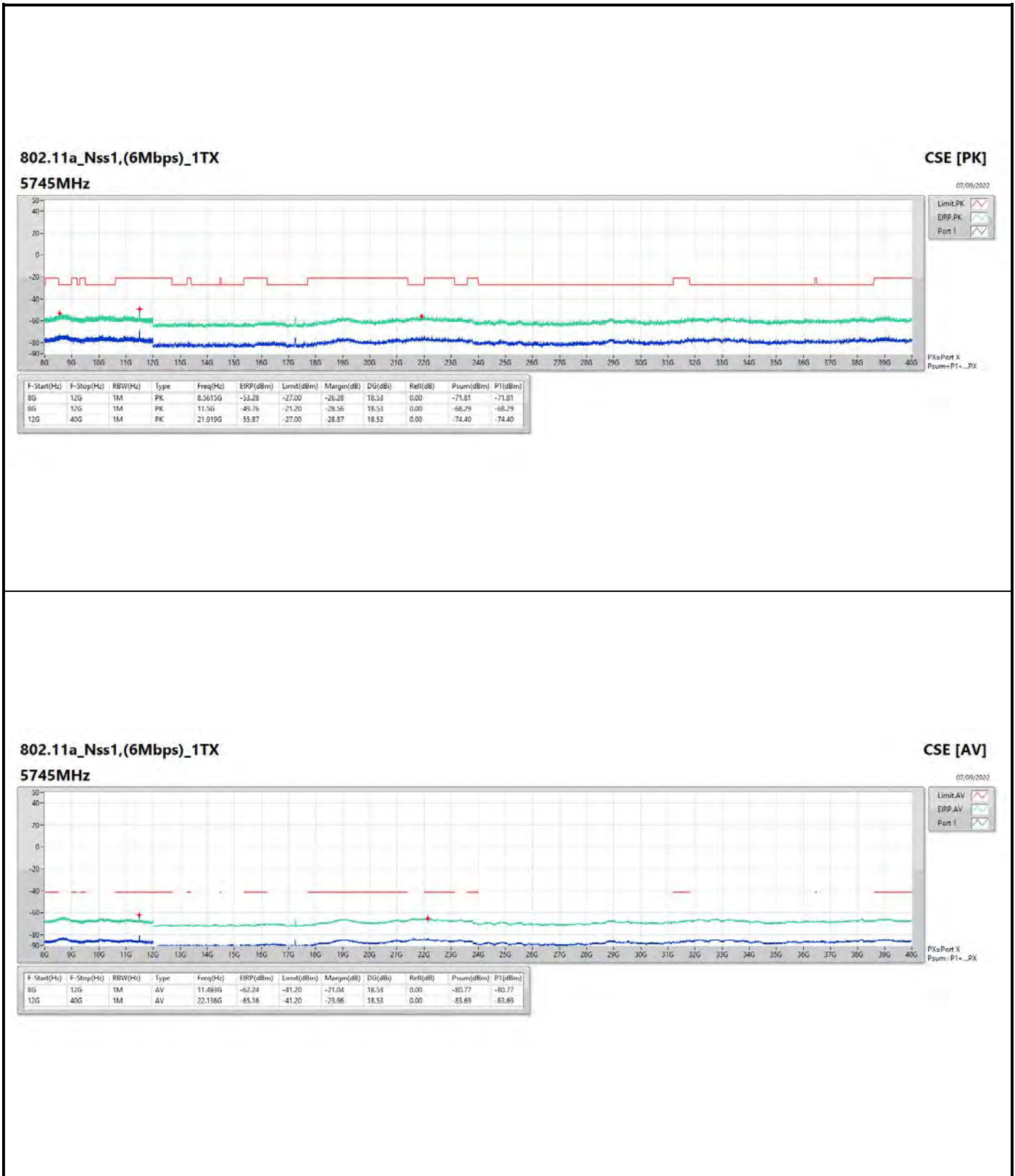
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

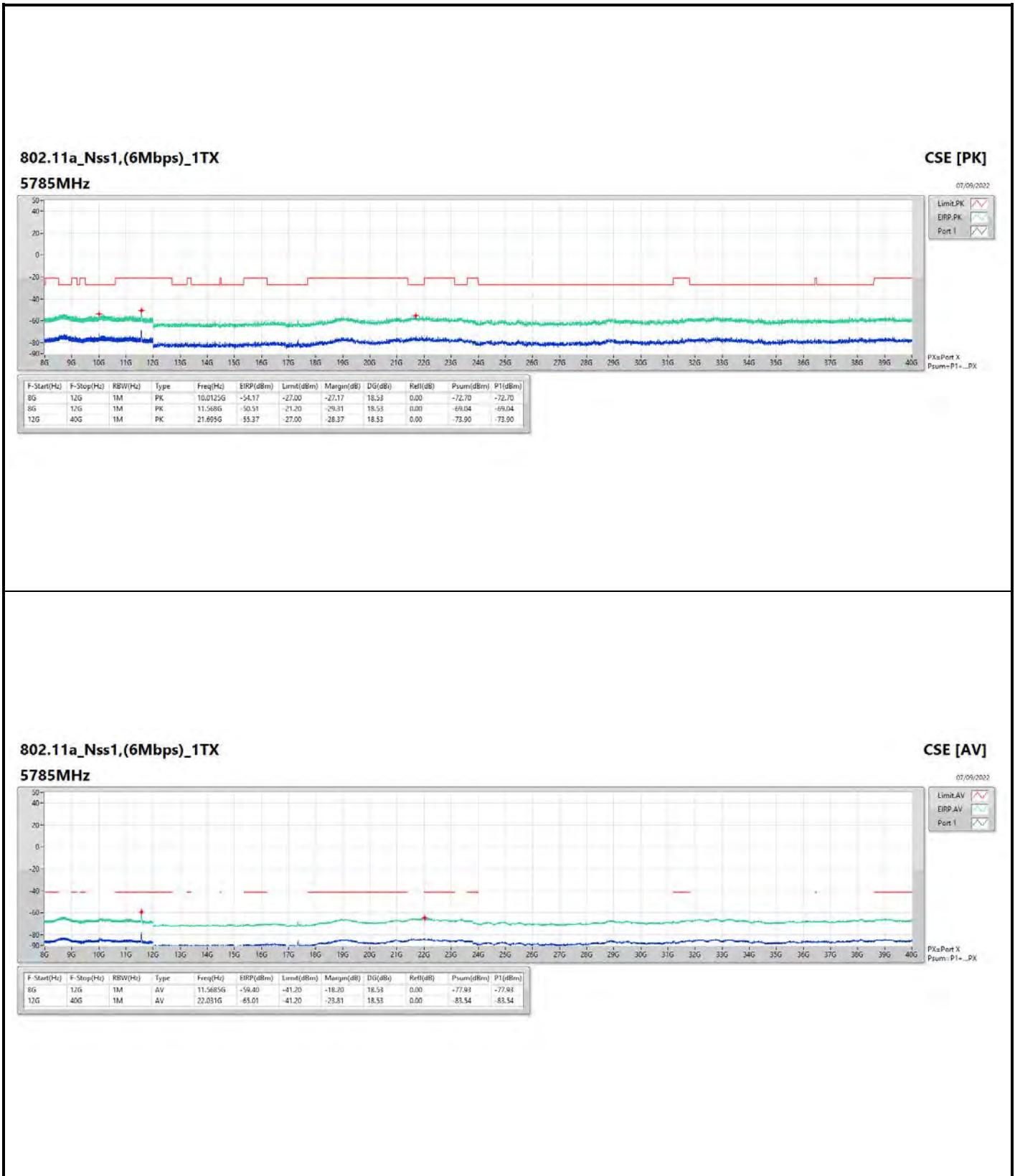




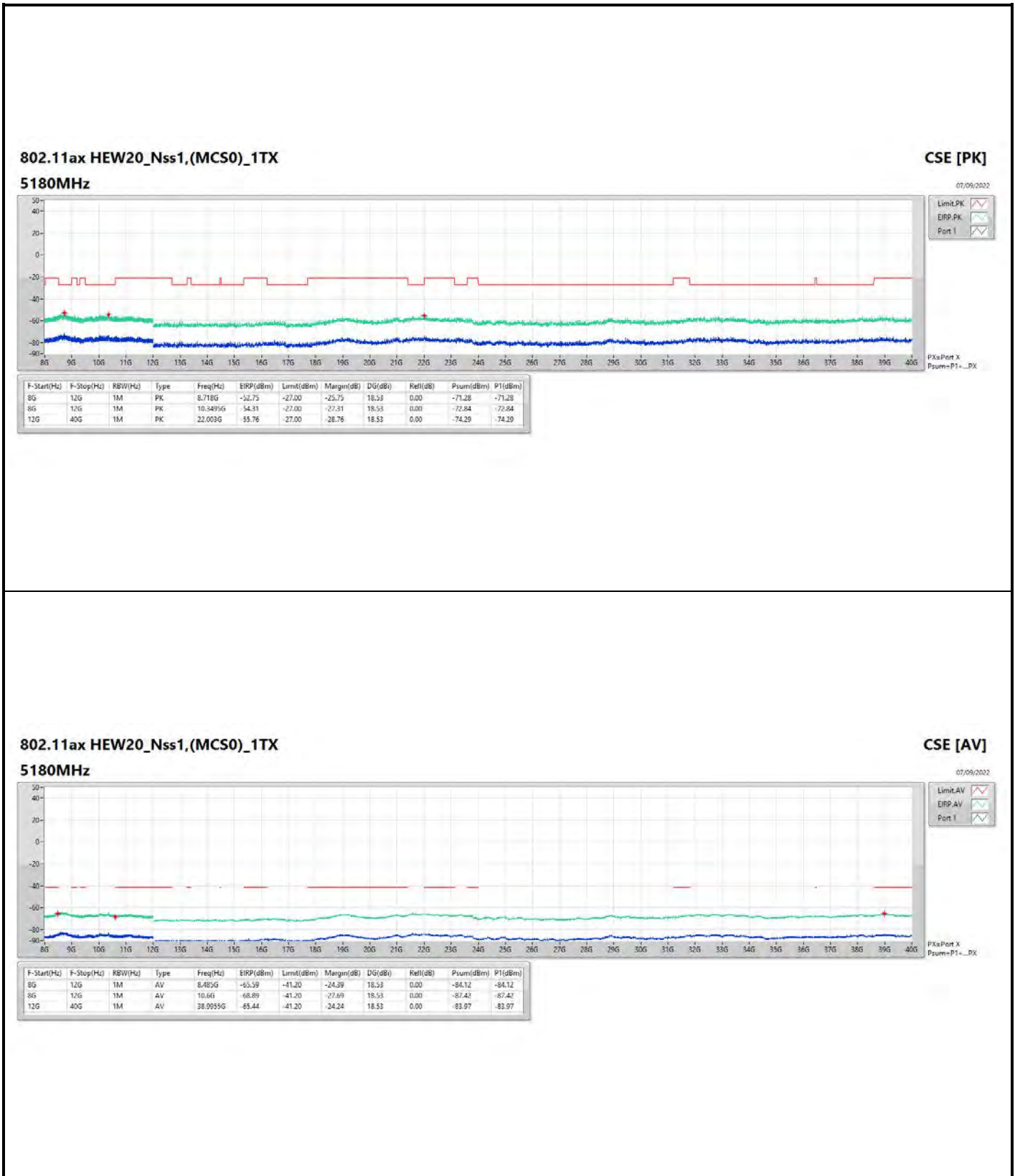




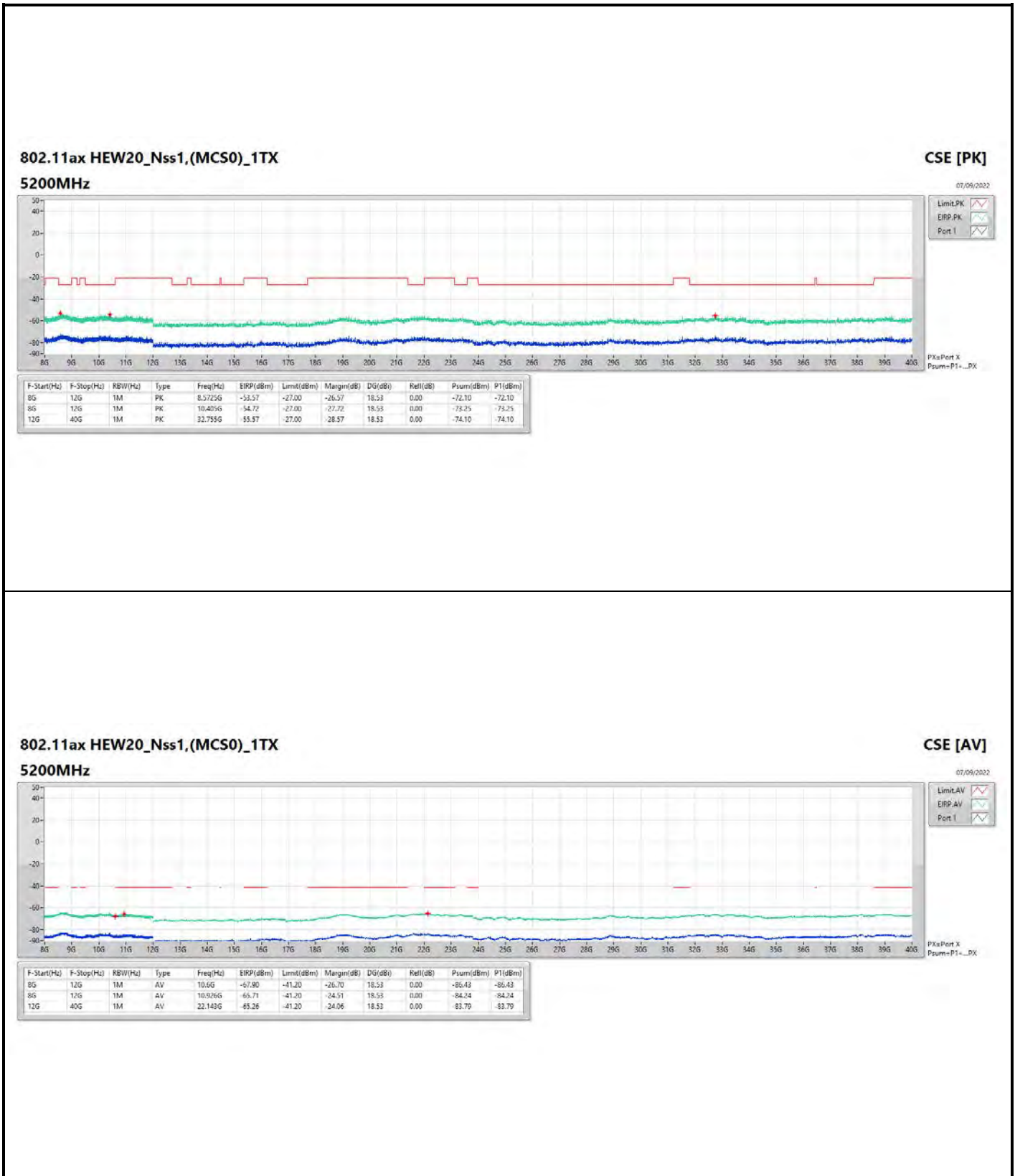




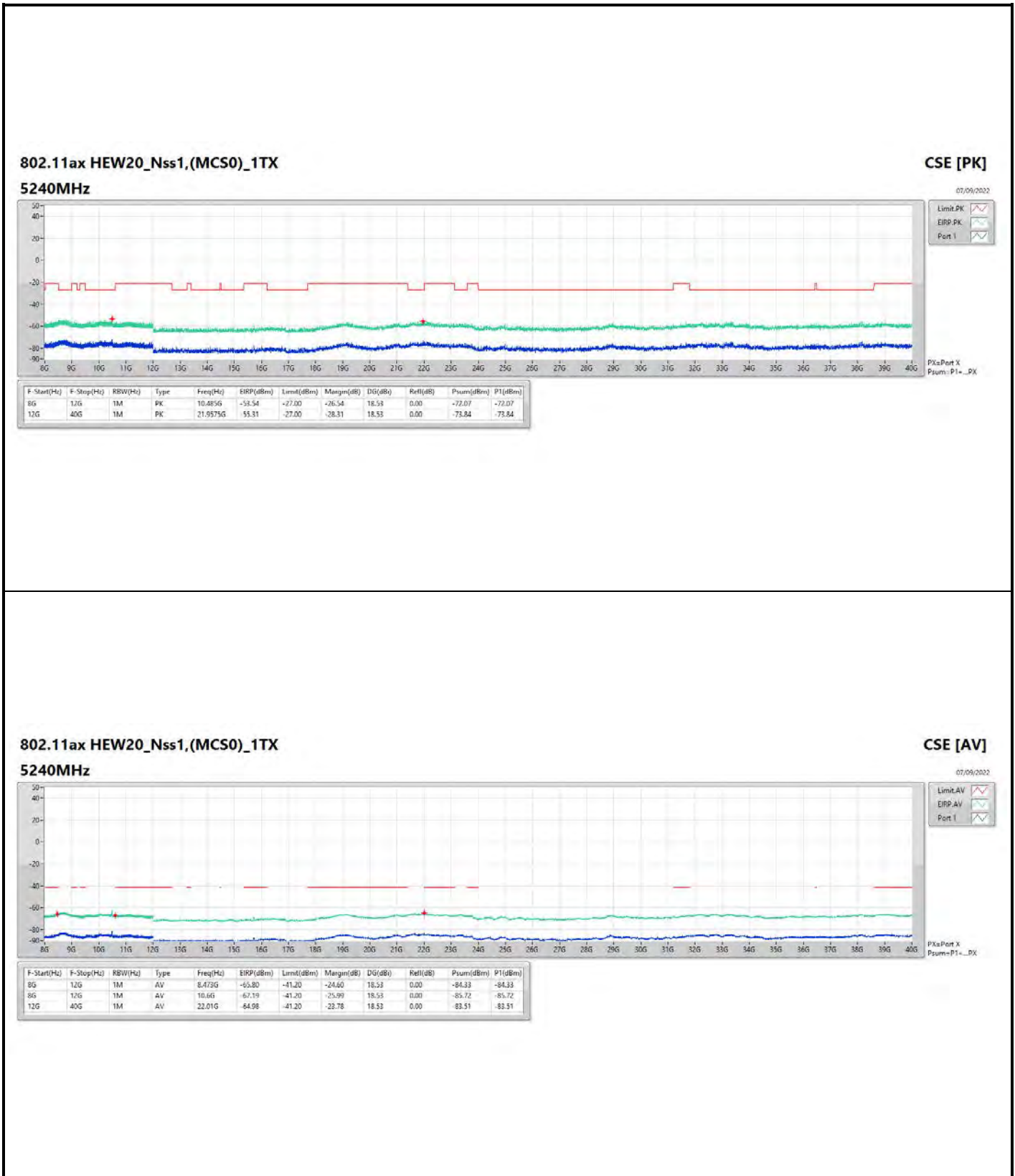


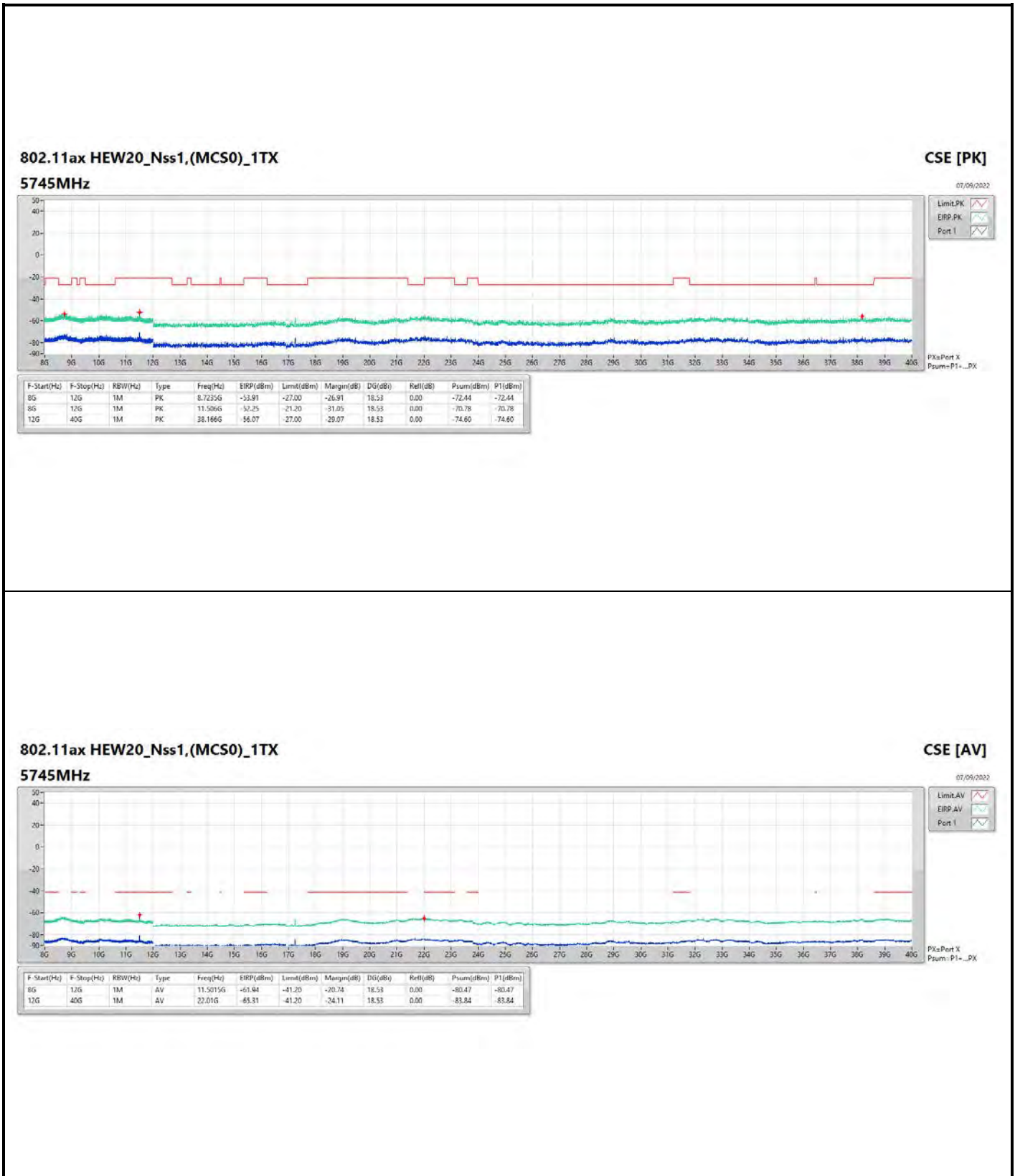


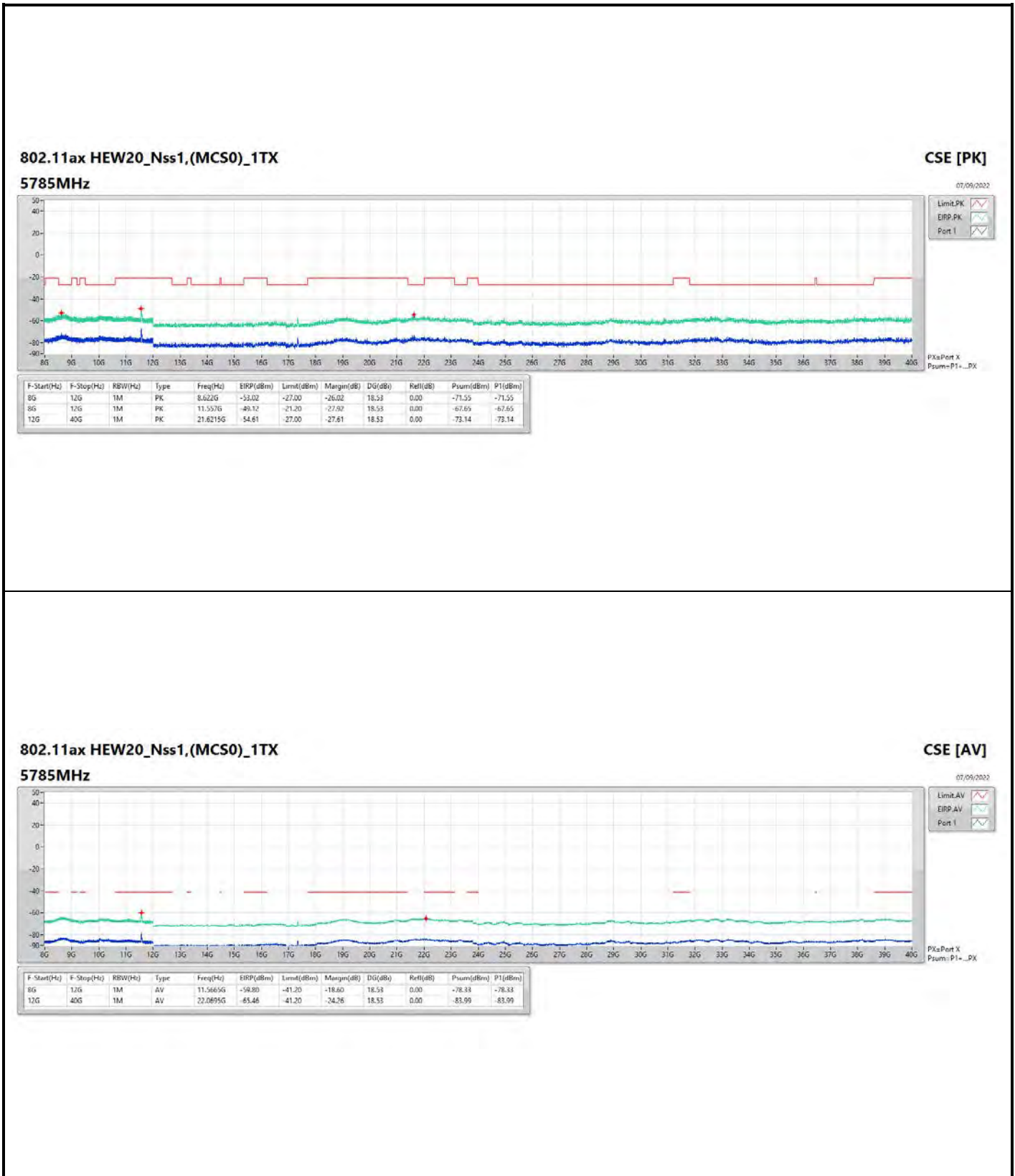


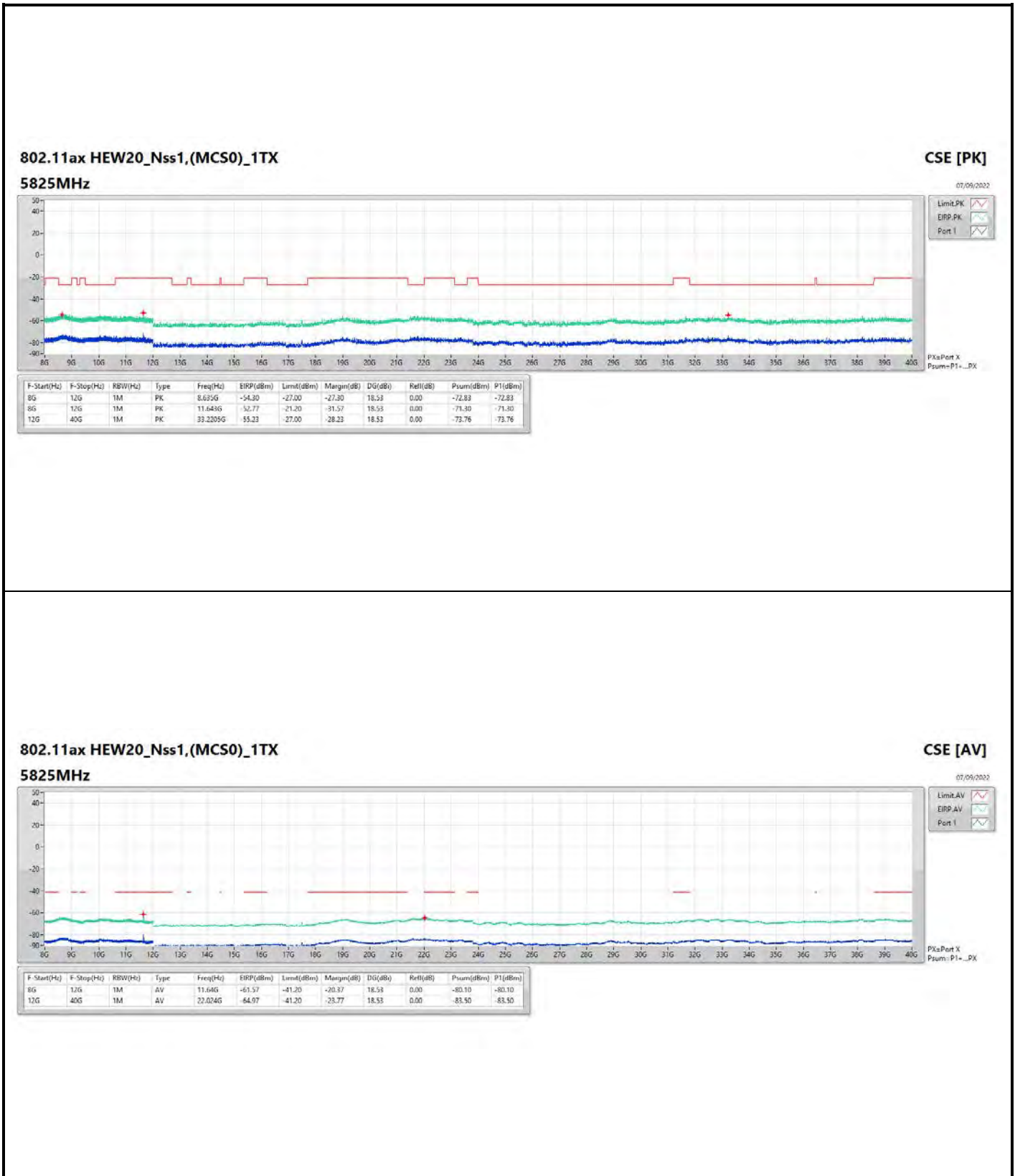




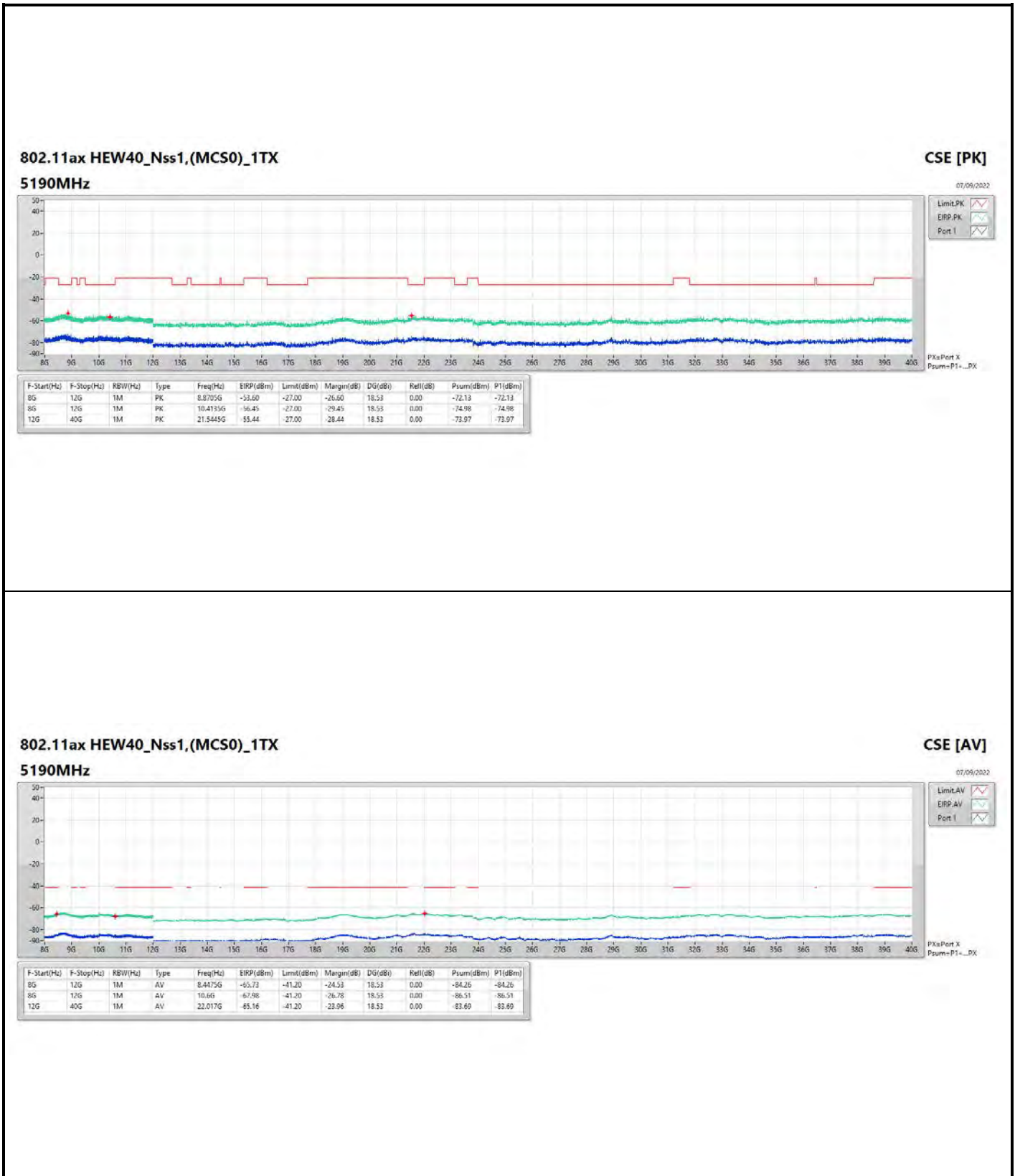




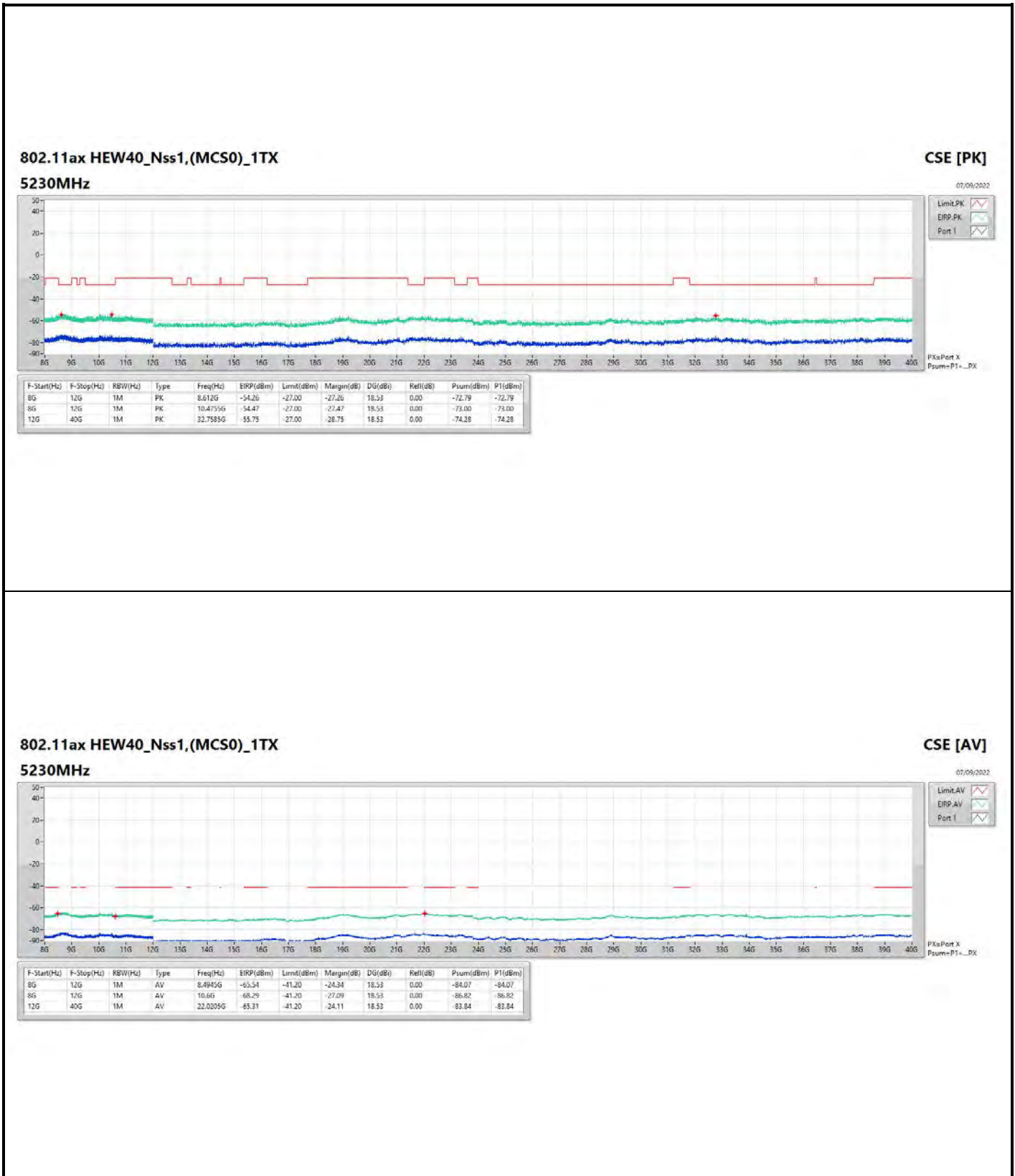










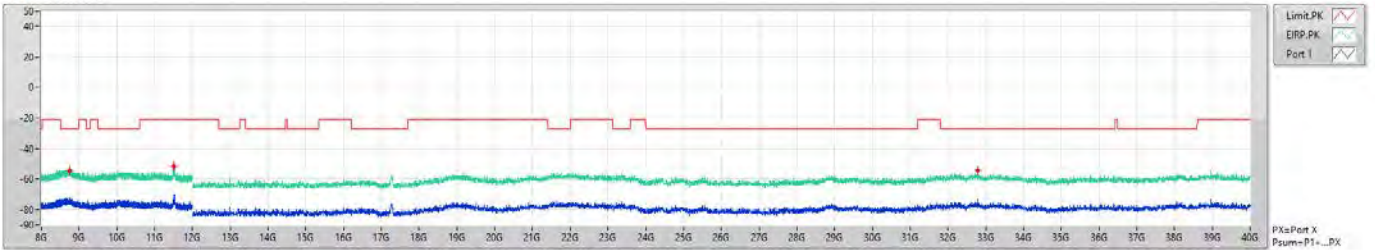


802.11ax HEW40\_Nss1,(MCS0)\_1TX

5755MHz

CSE [PK]

07/09/2022



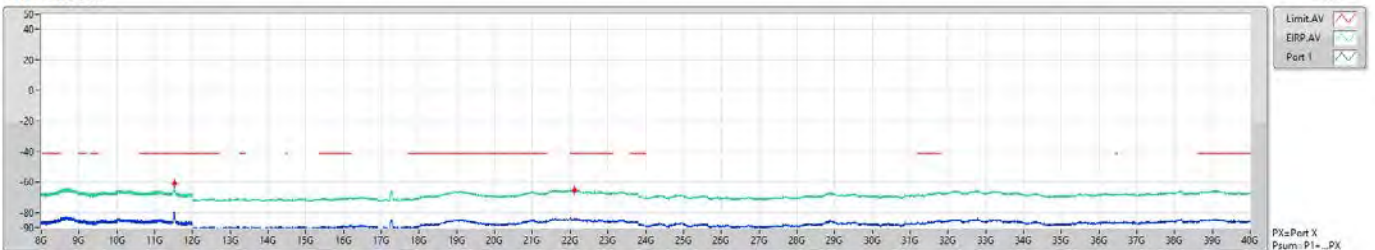
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	PK	8.701G	-54.20	-27.00	-27.20	18.58	0.00	-72.73	-72.73
8G	12G	1M	PK	11.5095G	-51.76	-21.20	-30.56	18.53	0.00	-70.29	-70.29
12G	40G	1M	PK	32.79G	54.41	-27.00	-27.41	18.53	0.00	-72.94	-72.94

802.11ax HEW40\_Nss1,(MCS0)\_1TX

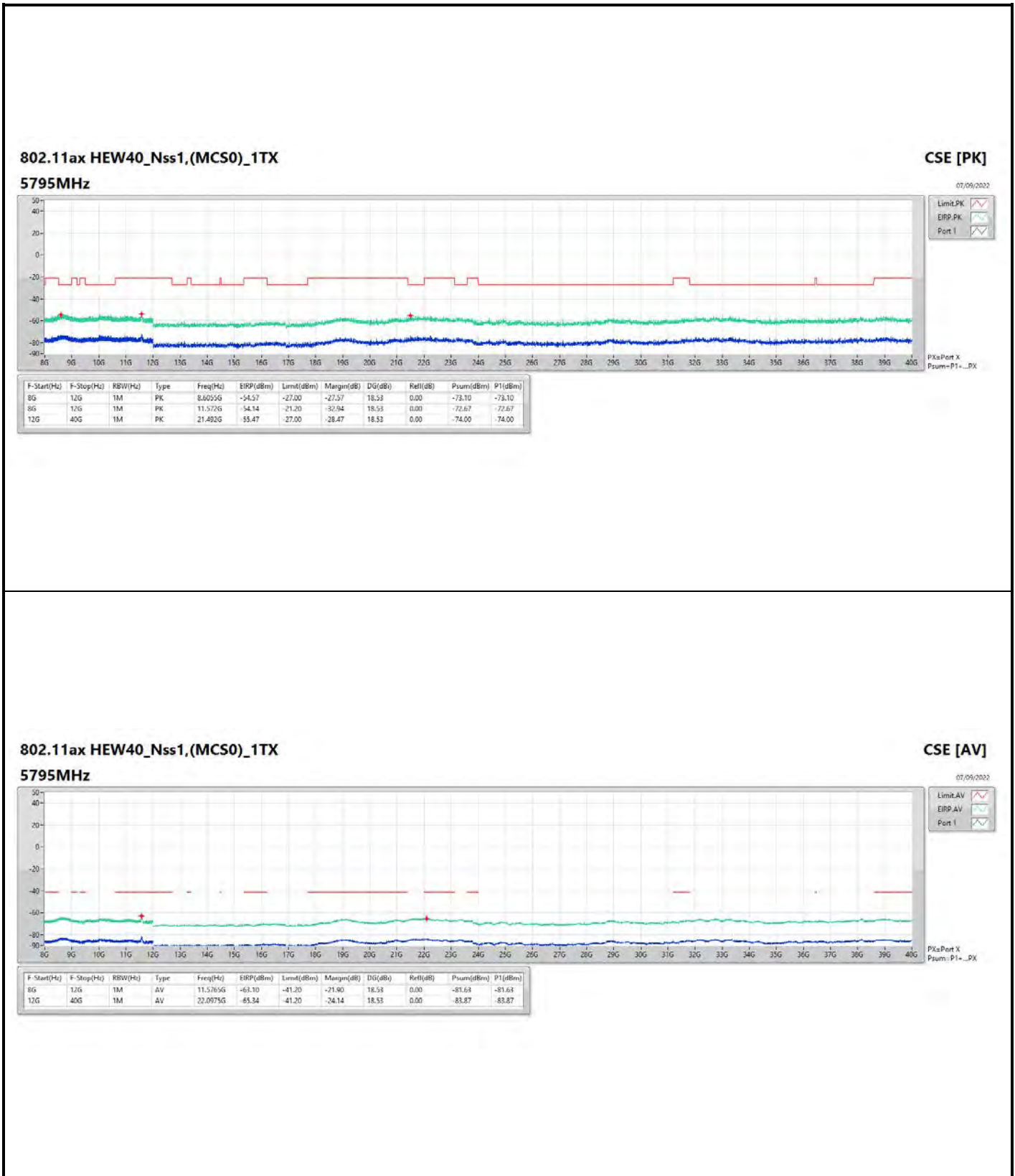
5755MHz

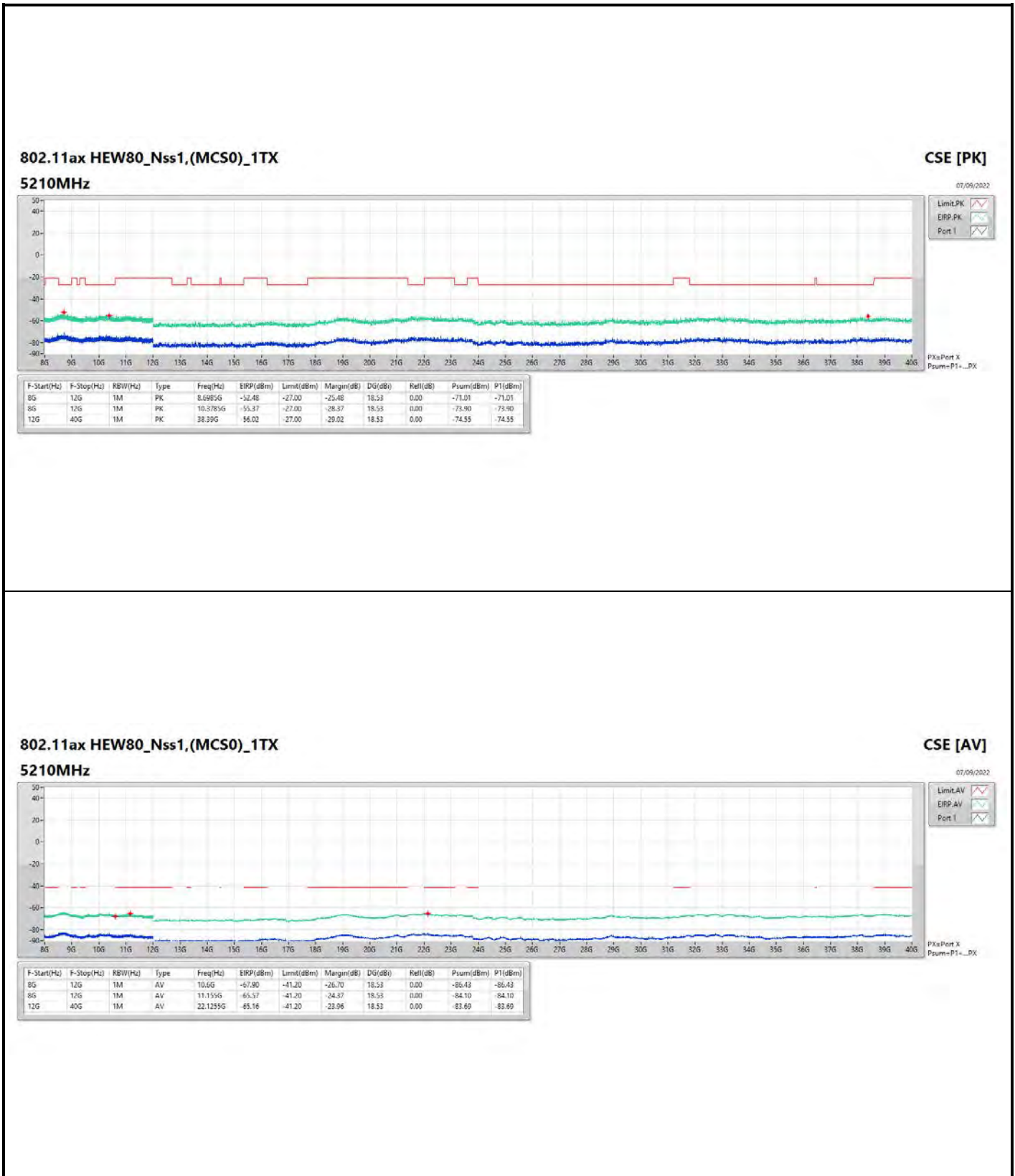
CSE [AV]

07/09/2022

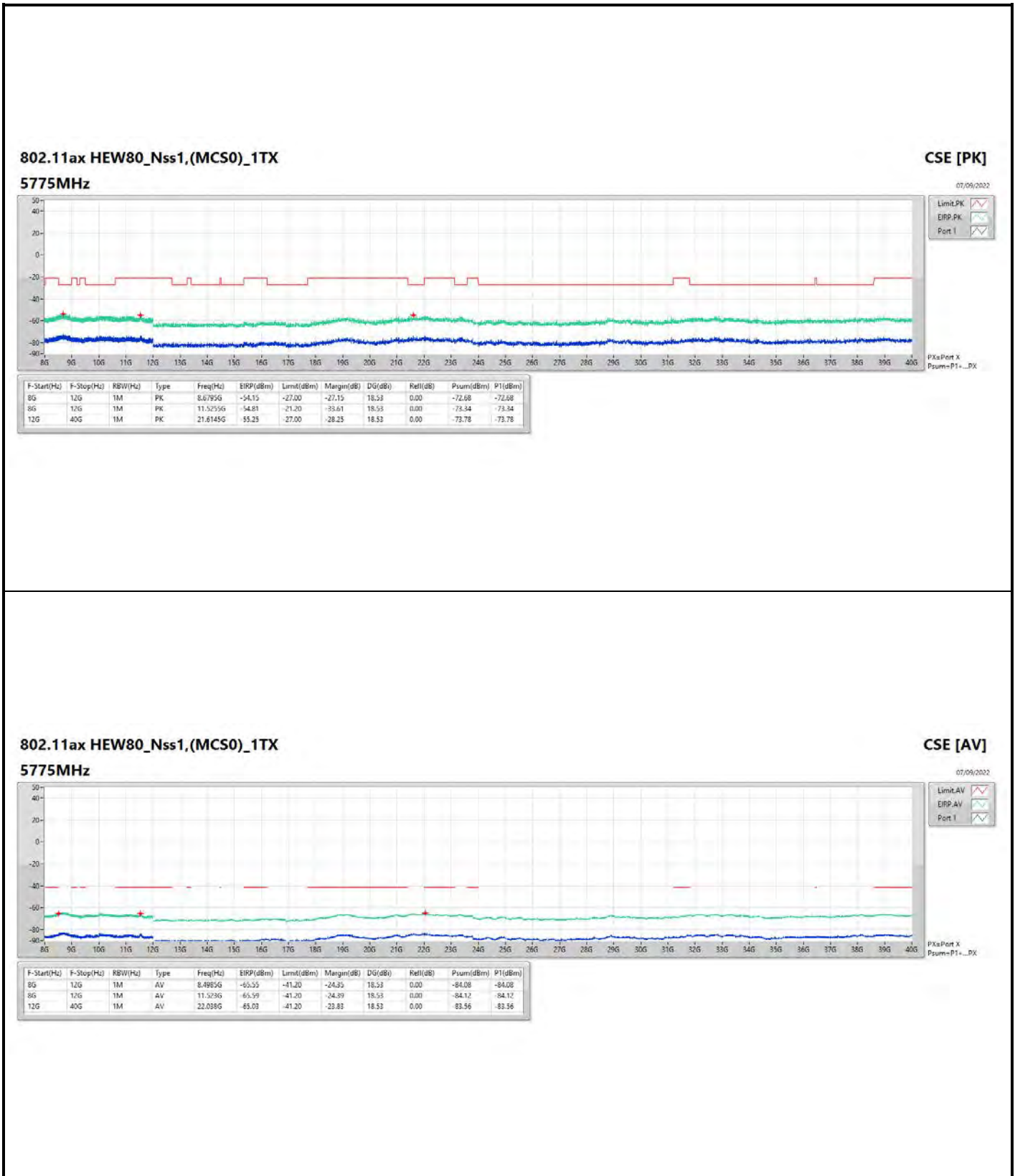


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
8G	12G	1M	AV	11.518G	-61.10	-41.20	-19.90	18.58	0.00	-79.63	-79.63
12G	40G	1M	AV	22.1185G	-65.39	-41.20	-24.19	18.53	0.00	-83.92	-83.92













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	5.14984G	18.53	-61.59	-61.59	-43.06	-41.20	-1.86
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14759G	18.53	-60.45	-60.45	-41.92	-41.20	-0.72
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.14882G	18.53	-60.04	-60.04	-41.51	-41.20	-0.31
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.9G	5.31G	AV	5.1499G	18.53	-60.05	-60.05	-41.52	-41.20	-0.32
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.31G	5.47G	AV	5.44312G	18.53	-65.90	-65.90	-47.37	-41.20	-6.17
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.31G	5.47G	AV	5.43256G	18.53	-65.93	-65.93	-47.40	-41.20	-6.20
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.47G	5.85G	PK	5.64974G	18.53	-46.74	-46.74	-28.21	-27.00	-1.21
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.47G	5.85G	PK	5.65164G	18.53	-44.72	-44.72	-26.19	-25.79	-0.40

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



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	5.14984G	18.53	-61.59	-61.59	-43.06	-41.20	-1.86
5180MHz	Pass	5.31G	5.47G	AV	5.35128G	18.53	-66.57	-66.57	-48.04	-41.20	-6.84
5180MHz	Pass	4.9G	5.31G	PK	5.14979G	18.53	-51.03	-51.03	-32.50	-21.20	-11.30
5180MHz	Pass	5.31G	5.47G	PK	5.462G	18.53	-57.97	-57.97	-39.44	-27.00	-12.44
5180MHz	Pass	5.47G	5.85G	PK	5.7683G	18.53	-56.05	-56.05	-37.52	-27.00	-10.52
5180MHz	Pass	5.85G	6.01G	PK	5.89288G	18.53	-56.81	-56.81	-38.28	-27.00	-11.28
5180MHz	Pass	6.01G	6.5G	PK	6.14279G	18.53	-57.66	-57.66	-39.13	-27.00	-12.13
5200MHz	Pass	4.9G	5.31G	AV	5.14928G	18.53	-65.52	-65.52	-46.99	-41.20	-5.79
5200MHz	Pass	5.31G	5.47G	AV	5.35064G	18.53	-65.61	-65.61	-47.08	-41.20	-5.88
5200MHz	Pass	4.9G	5.31G	PK	5.14539G	18.53	-54.09	-54.09	-35.56	-21.20	-14.36
5200MHz	Pass	5.31G	5.47G	PK	5.46392G	18.53	-57.76	-57.76	-39.23	-27.00	-12.23
5200MHz	Pass	5.47G	5.85G	PK	5.70864G	18.53	-55.69	-55.69	-37.16	-27.00	-10.16
5200MHz	Pass	5.85G	6.01G	PK	5.85256G	18.53	-55.72	-55.72	-37.19	-27.00	-10.19
5200MHz	Pass	6.01G	6.5G	PK	6.0511G	18.53	-57.40	-57.40	-38.87	-27.00	-11.87
5240MHz	Pass	4.9G	5.31G	AV	5.1049G	18.53	-66.24	-66.24	-47.71	-41.20	-6.51
5240MHz	Pass	5.31G	5.47G	AV	5.39224G	18.53	-65.60	-65.60	-47.07	-41.20	-5.87
5240MHz	Pass	4.9G	5.31G	PK	5.10382G	18.53	-55.11	-55.11	-36.58	-21.20	-15.38
5240MHz	Pass	5.31G	5.47G	PK	5.46712G	18.53	-56.49	-56.49	-37.96	-27.00	-10.96
5240MHz	Pass	5.47G	5.85G	PK	5.61706G	18.53	-54.89	-54.89	-36.36	-27.00	-9.36
5240MHz	Pass	5.85G	6.01G	PK	5.86696G	18.53	-55.84	-55.84	-37.31	-27.00	-10.31
5240MHz	Pass	6.01G	6.5G	PK	6.08693G	18.53	-57.26	-57.26	-38.73	-27.00	-11.73
5745MHz	Pass	4.9G	5.31G	AV	5.14631G	18.53	-68.02	-68.02	-49.49	-41.20	-8.29
5745MHz	Pass	5.31G	5.47G	AV	5.3548G	18.53	-66.78	-66.78	-48.25	-41.20	-7.05
5745MHz	Pass	4.9G	5.31G	PK	5.22569G	18.53	-56.63	-56.63	-38.10	-27.00	-11.10
5745MHz	Pass	5.31G	5.47G	PK	5.33496G	18.53	-56.29	-56.29	-37.76	-27.00	-10.76
5745MHz	Pass	5.47G	5.85G	PK	5.62124G	18.53	-54.39	-54.39	-35.86	-27.00	-8.86
5745MHz	Pass	5.85G	6.01G	PK	5.94824G	18.53	-54.61	-54.61	-36.08	-27.00	-9.08
5745MHz	Pass	6.01G	6.5G	PK	6.1129G	18.53	-56.88	-56.88	-38.35	-27.00	-11.35
5785MHz	Pass	4.9G	5.31G	AV	5.08542G	18.53	-67.81	-67.81	-49.28	-41.20	-8.08
5785MHz	Pass	5.31G	5.47G	AV	5.39448G	18.53	-66.10	-66.10	-47.57	-41.20	-6.37
5785MHz	Pass	4.9G	5.31G	PK	5.1686G	18.53	-56.77	-56.77	-38.24	-27.00	-11.24
5785MHz	Pass	5.31G	5.47G	PK	5.46968G	18.53	-56.57	-56.57	-38.04	-27.00	-11.04
5785MHz	Pass	5.47G	5.85G	PK	5.6486G	18.53	-53.62	-53.62	-35.09	-27.00	-8.09
5785MHz	Pass	5.85G	6.01G	PK	5.94056G	18.53	-54.07	-54.07	-35.54	-27.00	-8.54
5785MHz	Pass	6.01G	6.5G	PK	6.03787G	18.53	-57.59	-57.59	-39.06	-27.00	-12.06
5825MHz	Pass	4.9G	5.31G	AV	5.14082G	18.53	-67.41	-67.41	-48.88	-41.20	-7.68
5825MHz	Pass	5.31G	5.47G	AV	5.44312G	18.53	-65.90	-65.90	-47.37	-41.20	-6.17
5825MHz	Pass	4.9G	5.31G	PK	5.25747G	18.53	-57.22	-57.22	-38.69	-27.00	-11.69
5825MHz	Pass	5.31G	5.47G	PK	5.4636G	18.53	-56.75	-56.75	-38.22	-27.00	-11.22
5825MHz	Pass	5.47G	5.85G	PK	5.63682G	18.53	-54.76	-54.76	-36.23	-27.00	-9.23
5825MHz	Pass	5.85G	6.01G	PK	5.9876G	18.53	-53.72	-53.72	-35.19	-27.00	-8.19
5825MHz	Pass	6.01G	6.5G	PK	6.02292G	18.53	-56.19	-56.19	-37.66	-27.00	-10.66
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.9G	5.31G	AV	5.14759G	18.53	-60.45	-60.45	-41.92	-41.20	-0.72
5180MHz	Pass	5.31G	5.47G	AV	5.35064G	18.53	-65.92	-65.92	-47.39	-41.20	-6.19
5180MHz	Pass	4.9G	5.31G	PK	5.14964G	18.53	-49.88	-49.88	-31.35	-21.20	-10.15
5180MHz	Pass	5.31G	5.47G	PK	5.46392G	18.53	-57.59	-57.59	-39.06	-27.00	-12.06
5180MHz	Pass	5.47G	5.85G	PK	5.78198G	18.53	-56.16	-56.16	-37.63	-27.00	-10.63
5180MHz	Pass	5.85G	6.01G	PK	5.95752G	18.53	-57.23	-57.23	-38.70	-27.00	-11.70
5180MHz	Pass	6.01G	6.5G	PK	6.08038G	18.53	-58.03	-58.03	-39.50	-27.00	-12.50
5200MHz	Pass	4.9G	5.31G	AV	5.14918G	18.53	-62.63	-62.63	-44.10	-41.20	-2.90
5200MHz	Pass	5.31G	5.47G	AV	5.3532G	18.53	-65.25	-65.25	-46.72	-41.20	-5.52
5200MHz	Pass	4.9G	5.31G	PK	5.14877G	18.53	-52.47	-52.47	-33.94	-21.20	-12.74
5200MHz	Pass	5.31G	5.47G	PK	5.4652G	18.53	-56.92	-56.92	-38.39	-27.00	-11.39
5200MHz	Pass	5.47G	5.85G	PK	5.70332G	18.53	-55.52	-55.52	-36.99	-27.00	-9.99
5200MHz	Pass	5.85G	6.01G	PK	5.88424G	18.53	-56.12	-56.12	-37.59	-27.00	-10.59
5200MHz	Pass	6.01G	6.5G	PK	6.10996G	18.53	-57.84	-57.84	-39.31	-27.00	-12.31
5240MHz	Pass	4.9G	5.31G	AV	5.08214G	18.53	-66.02	-66.02	-47.49	-41.20	-6.29
5240MHz	Pass	5.31G	5.47G	AV	5.38648G	18.53	-65.56	-65.56	-47.03	-41.20	-5.83
5240MHz	Pass	4.9G	5.31G	PK	5.09116G	18.53	-55.59	-55.59	-37.06	-21.20	-15.86
5240MHz	Pass	5.31G	5.47G	PK	5.46936G	18.53	-57.17	-57.17	-38.64	-27.00	-11.64
5240MHz	Pass	5.47G	5.85G	PK	5.84658G	18.53	-56.07	-56.07	-37.54	-27.00	-10.54
5240MHz	Pass	5.85G	6.01G	PK	5.85896G	18.53	-56.46	-56.46	-37.93	-27.00	-10.93
5240MHz	Pass	6.01G	6.5G	PK	6.0315G	18.53	-57.53	-57.53	-39.00	-27.00	-12.00
5745MHz	Pass	4.9G	5.31G	AV	5.06303G	18.53	-67.73	-67.73	-49.20	-41.20	-8.00
5745MHz	Pass	5.31G	5.47G	AV	5.35544G	18.53	-66.50	-66.50	-47.97	-41.20	-6.77
5745MHz	Pass	4.9G	5.31G	PK	5.18726G	18.53	-56.88	-56.88	-38.35	-27.00	-11.35
5745MHz	Pass	5.31G	5.47G	PK	5.46552G	18.53	-56.62	-56.62	-38.09	-27.00	-11.09

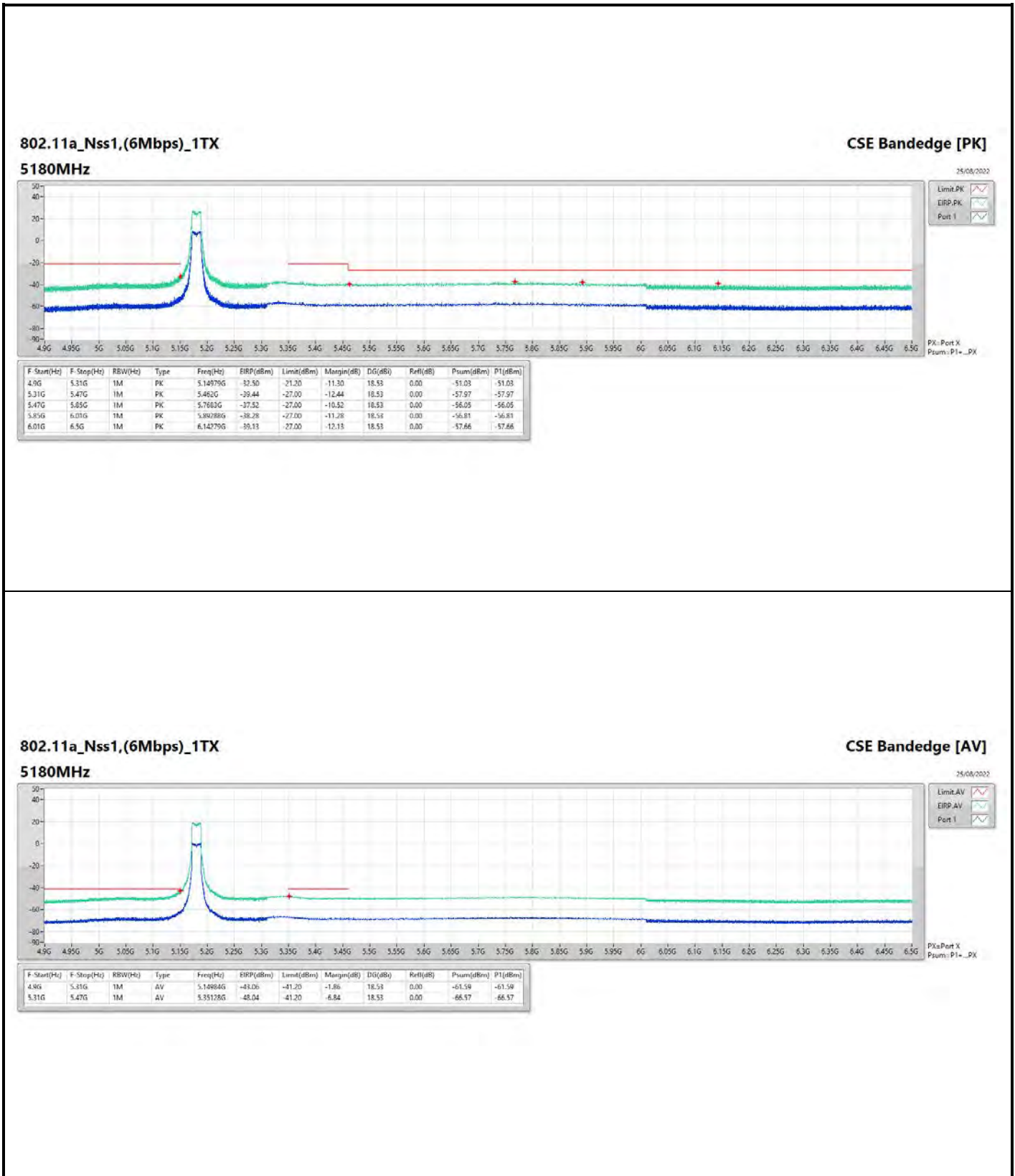


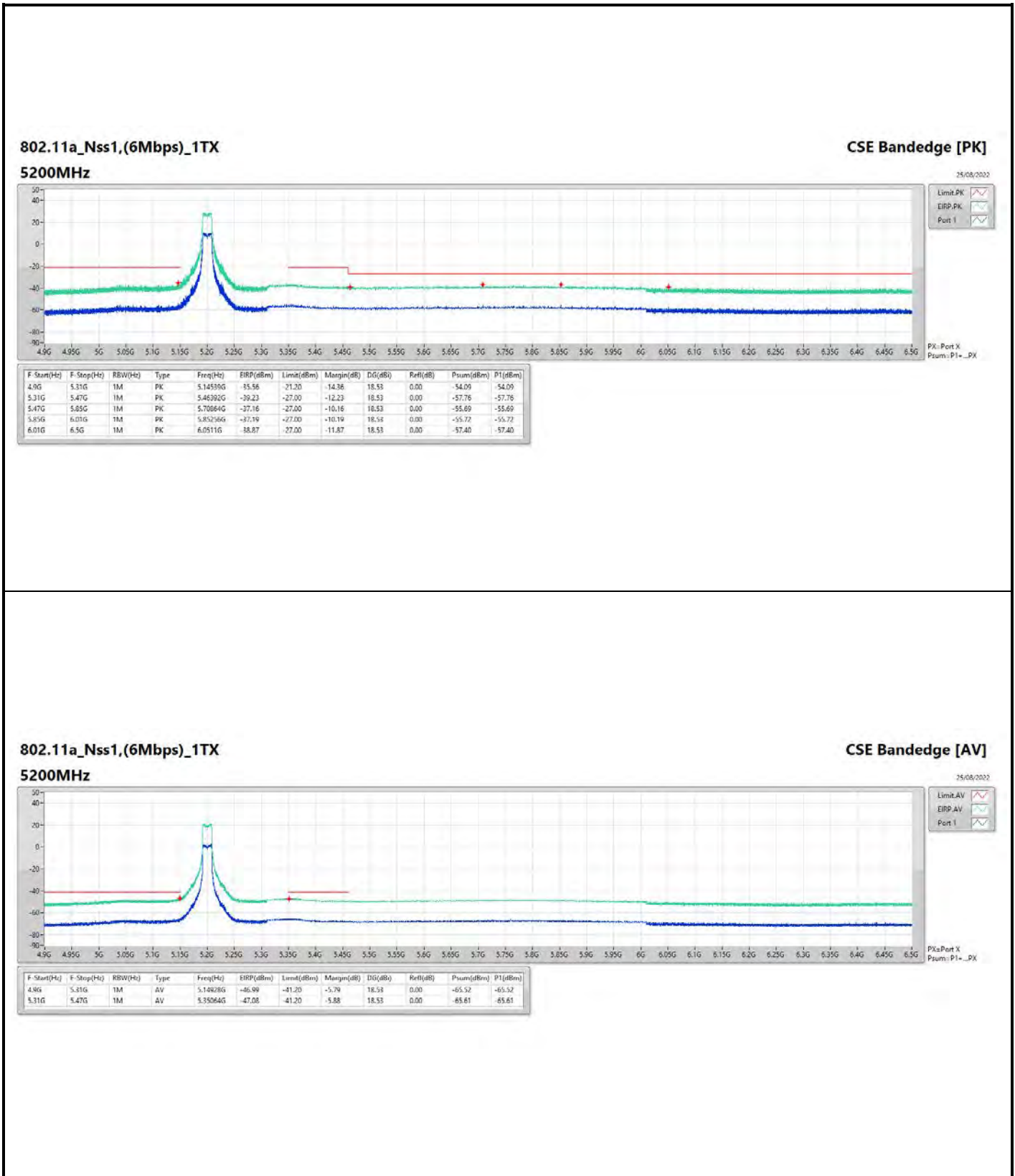
CSE\_Scanning R3\_Antenna set 10 (Bandedge)\_P to M

Appendix E.25

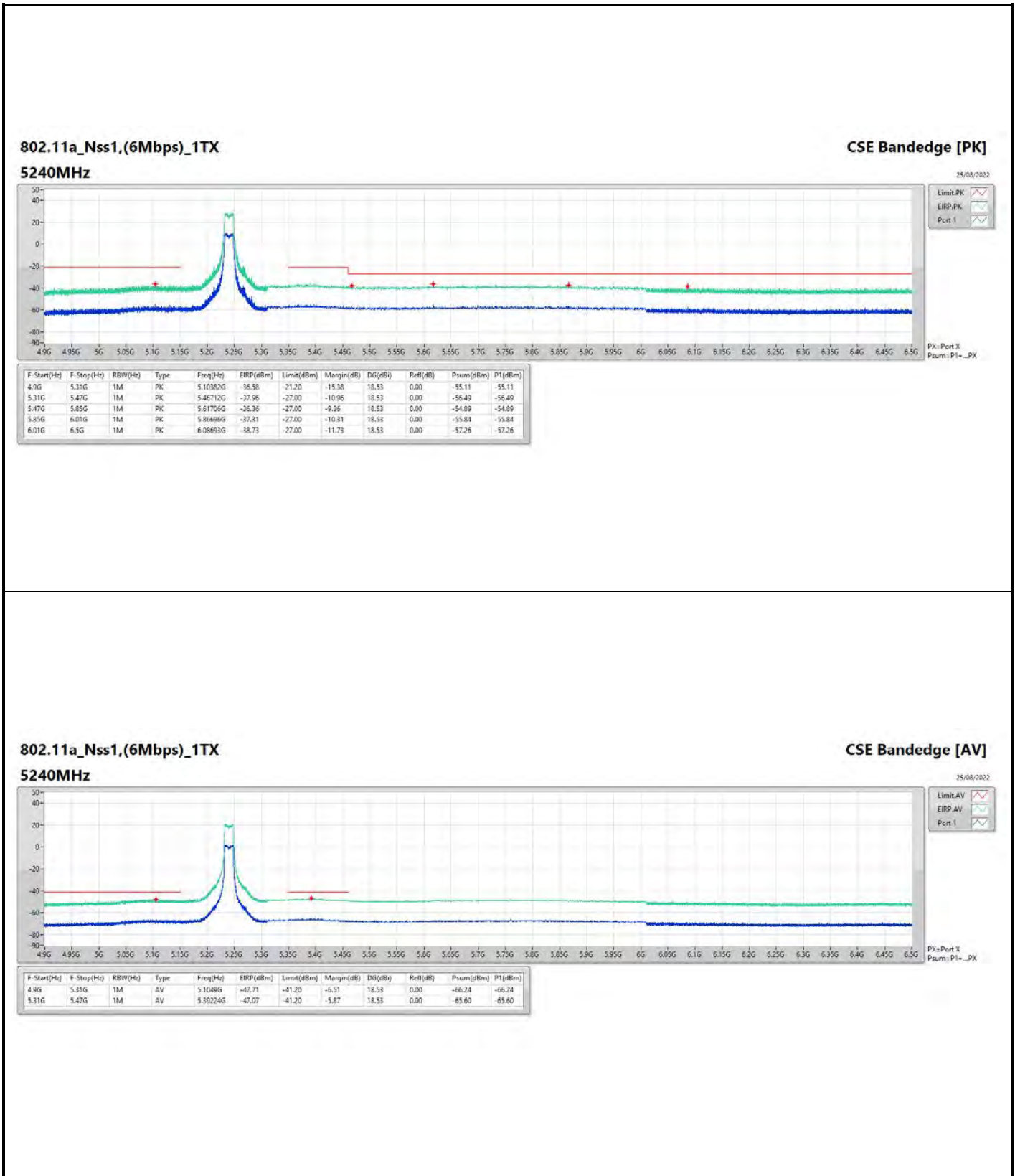
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	5.47G	5.85G	PK	5.63606G	18.53	-53.61	-53.61	-35.08	-27.00	-8.08
5745MHz	Pass	5.85G	6.01G	PK	5.93032G	18.53	-56.05	-56.05	-37.52	-27.00	-10.52
5745MHz	Pass	6.01G	6.5G	PK	6.08473G	18.53	-57.50	-57.50	-38.97	-27.00	-11.97
5785MHz	Pass	4.9G	5.31G	AV	5.13339G	18.53	-67.25	-67.25	-48.72	-41.20	-7.52
5785MHz	Pass	5.31G	5.47G	AV	5.39512G	18.53	-66.46	-66.46	-47.93	-41.20	-6.73
5785MHz	Pass	4.9G	5.31G	PK	5.20284G	18.53	-56.79	-56.79	-38.26	-27.00	-11.26
5785MHz	Pass	5.31G	5.47G	PK	5.34264G	18.53	-56.67	-56.67	-38.14	-27.00	-11.14
5785MHz	Pass	5.47G	5.85G	PK	5.63112G	18.53	-53.45	-53.45	-34.92	-27.00	-7.92
5785MHz	Pass	5.85G	6.01G	PK	5.96744G	18.53	-53.71	-53.71	-35.18	-27.00	-8.18
5785MHz	Pass	6.01G	6.5G	PK	6.01949G	18.53	-57.26	-57.26	-38.73	-27.00	-11.73
5825MHz	Pass	4.9G	5.31G	AV	5.14011G	18.53	-67.13	-67.13	-48.60	-41.20	-7.40
5825MHz	Pass	5.31G	5.47G	AV	5.43256G	18.53	-65.93	-65.93	-47.40	-41.20	-6.20
5825MHz	Pass	4.9G	5.31G	PK	5.19807G	18.53	-56.68	-56.68	-38.15	-27.00	-11.15
5825MHz	Pass	5.31G	5.47G	PK	5.46328G	18.53	-56.37	-56.37	-37.84	-27.00	-10.84
5825MHz	Pass	5.47G	5.85G	PK	5.63948G	18.53	-53.92	-53.92	-35.39	-27.00	-8.39
5825MHz	Pass	5.85G	6.01G	PK	5.9524G	18.53	-53.70	-53.70	-35.17	-27.00	-8.17
5825MHz	Pass	6.01G	6.5G	PK	6.01821G	18.53	-55.60	-55.60	-37.07	-27.00	-10.07
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.9G	5.31G	AV	5.14882G	18.53	-60.04	-60.04	-41.51	-41.20	-0.31
5190MHz	Pass	5.31G	5.47G	AV	5.38744G	18.53	-67.20	-67.20	-48.67	-41.20	-7.47
5190MHz	Pass	4.9G	5.31G	PK	5.14964G	18.53	-47.90	-47.90	-29.37	-21.20	-8.17
5190MHz	Pass	5.31G	5.47G	PK	5.46616G	18.53	-57.44	-57.44	-38.91	-27.00	-11.91
5190MHz	Pass	5.47G	5.85G	PK	5.78084G	18.53	-55.99	-55.99	-37.46	-27.00	-10.46
5190MHz	Pass	5.85G	6.01G	PK	5.8964G	18.53	-56.49	-56.49	-37.96	-27.00	-10.96
5190MHz	Pass	6.01G	6.5G	PK	6.43171G	18.53	-57.73	-57.73	-39.20	-27.00	-12.20
5230MHz	Pass	4.9G	5.31G	AV	5.1481G	18.53	-62.66	-62.66	-44.13	-41.20	-2.93
5230MHz	Pass	5.31G	5.47G	AV	5.39768G	18.53	-64.65	-64.65	-46.12	-41.20	-4.92
5230MHz	Pass	4.9G	5.31G	PK	5.14421G	18.53	-50.99	-50.99	-32.46	-21.20	-11.26
5230MHz	Pass	5.31G	5.47G	PK	5.46072G	18.53	-56.50	-56.50	-37.97	-27.00	-10.97
5230MHz	Pass	5.47G	5.85G	PK	5.70294G	18.53	-55.93	-55.93	-37.40	-27.00	-10.40
5230MHz	Pass	5.85G	6.01G	PK	5.86792G	18.53	-56.83	-56.83	-38.30	-27.00	-11.30
5230MHz	Pass	6.01G	6.5G	PK	6.14457G	18.53	-57.85	-57.85	-39.32	-27.00	-12.32
5755MHz	Pass	4.9G	5.31G	AV	5.14492G	18.53	-67.08	-67.08	-48.55	-41.20	-7.35
5755MHz	Pass	5.31G	5.47G	AV	5.36248G	18.53	-65.98	-65.98	-47.45	-41.20	-6.25
5755MHz	Pass	4.9G	5.31G	PK	5.18721G	18.53	-56.27	-56.27	-37.74	-27.00	-10.74
5755MHz	Pass	5.31G	5.47G	PK	5.31768G	18.53	-55.97	-55.97	-37.44	-27.00	-10.44
5755MHz	Pass	5.47G	5.85G	PK	5.64974G	18.53	-46.74	-46.74	-28.21	-27.00	-1.21
5755MHz	Pass	5.85G	6.01G	PK	5.92584G	18.53	-53.88	-53.88	-35.35	-27.00	-8.35
5755MHz	Pass	6.01G	6.5G	PK	6.14512G	18.53	-57.54	-57.54	-39.01	-27.00	-12.01
5795MHz	Pass	4.9G	5.31G	AV	5.11361G	18.53	-67.57	-67.57	-49.04	-41.20	-7.84
5795MHz	Pass	5.31G	5.47G	AV	5.41912G	18.53	-66.09	-66.09	-47.56	-41.20	-6.36
5795MHz	Pass	4.9G	5.31G	PK	5.30078G	18.53	-56.77	-56.77	-38.24	-27.00	-11.24
5795MHz	Pass	5.31G	5.47G	PK	5.4652G	18.53	-56.66	-56.66	-38.13	-27.00	-11.13
5795MHz	Pass	5.47G	5.85G	PK	5.62276G	18.53	-52.77	-52.77	-34.24	-27.00	-7.24
5795MHz	Pass	5.85G	6.01G	PK	5.92712G	18.53	-52.43	-52.43	-33.90	-27.00	-6.90
5795MHz	Pass	6.01G	6.5G	PK	6.08191G	18.53	-56.34	-56.34	-37.81	-27.00	-10.81
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.9G	5.31G	AV	5.1499G	18.53	-60.05	-60.05	-41.52	-41.20	-0.32
5210MHz	Pass	5.31G	5.47G	AV	5.35928G	18.53	-66.82	-66.82	-48.29	-41.20	-7.09
5210MHz	Pass	4.9G	5.31G	PK	5.14913G	18.53	-49.10	-49.10	-30.57	-21.20	-9.37
5210MHz	Pass	5.31G	5.47G	PK	5.47G	18.53	-58.04	-58.04	-39.51	-27.00	-12.51
5210MHz	Pass	5.47G	5.85G	PK	5.75994G	18.53	-55.16	-55.16	-36.63	-27.00	-9.63
5210MHz	Pass	5.85G	6.01G	PK	5.94216G	18.53	-56.60	-56.60	-38.07	-27.00	-11.07
5210MHz	Pass	6.01G	6.5G	PK	6.08062G	18.53	-57.10	-57.10	-38.57	-27.00	-11.57
5775MHz	Pass	4.9G	5.31G	AV	5.10121G	18.53	-68.41	-68.41	-49.88	-41.20	-8.68
5775MHz	Pass	5.31G	5.47G	AV	5.42744G	18.53	-67.87	-67.87	-49.34	-41.20	-8.14
5775MHz	Pass	4.9G	5.31G	PK	5.17716G	18.53	-57.76	-57.76	-39.23	-27.00	-12.23
5775MHz	Pass	5.31G	5.47G	PK	5.32632G	18.53	-57.75	-57.75	-39.22	-27.00	-12.22
5775MHz	Pass	5.47G	5.85G	PK	5.65164G	18.53	-44.72	-44.72	-26.19	-25.79	-0.40
5775MHz	Pass	5.85G	6.01G	PK	5.92776G	18.53	-51.08	-51.08	-32.55	-27.00	-5.55
5775MHz	Pass	6.01G	6.5G	PK	6.02611G	18.53	-57.59	-57.59	-39.06	-27.00	-12.06

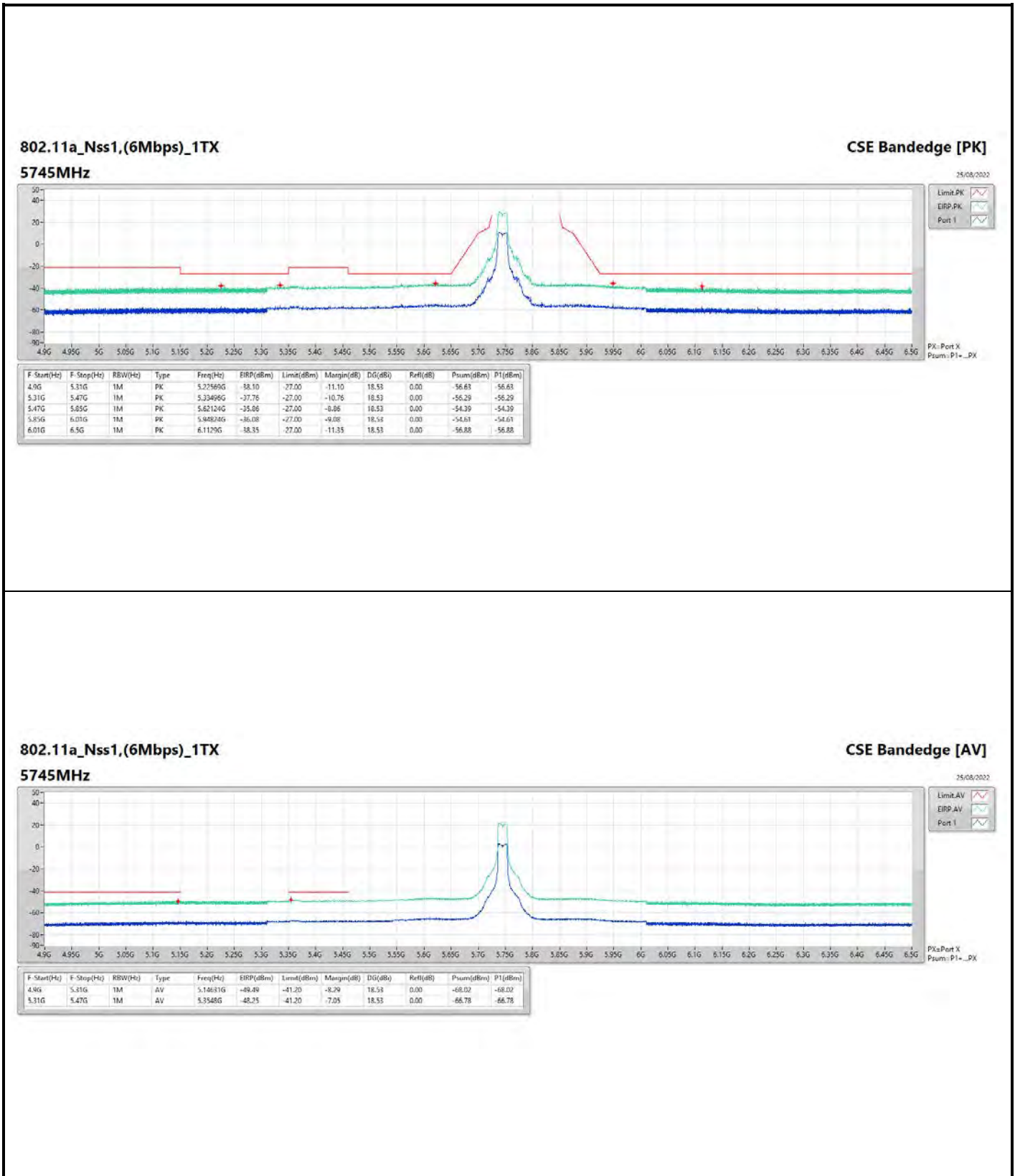
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

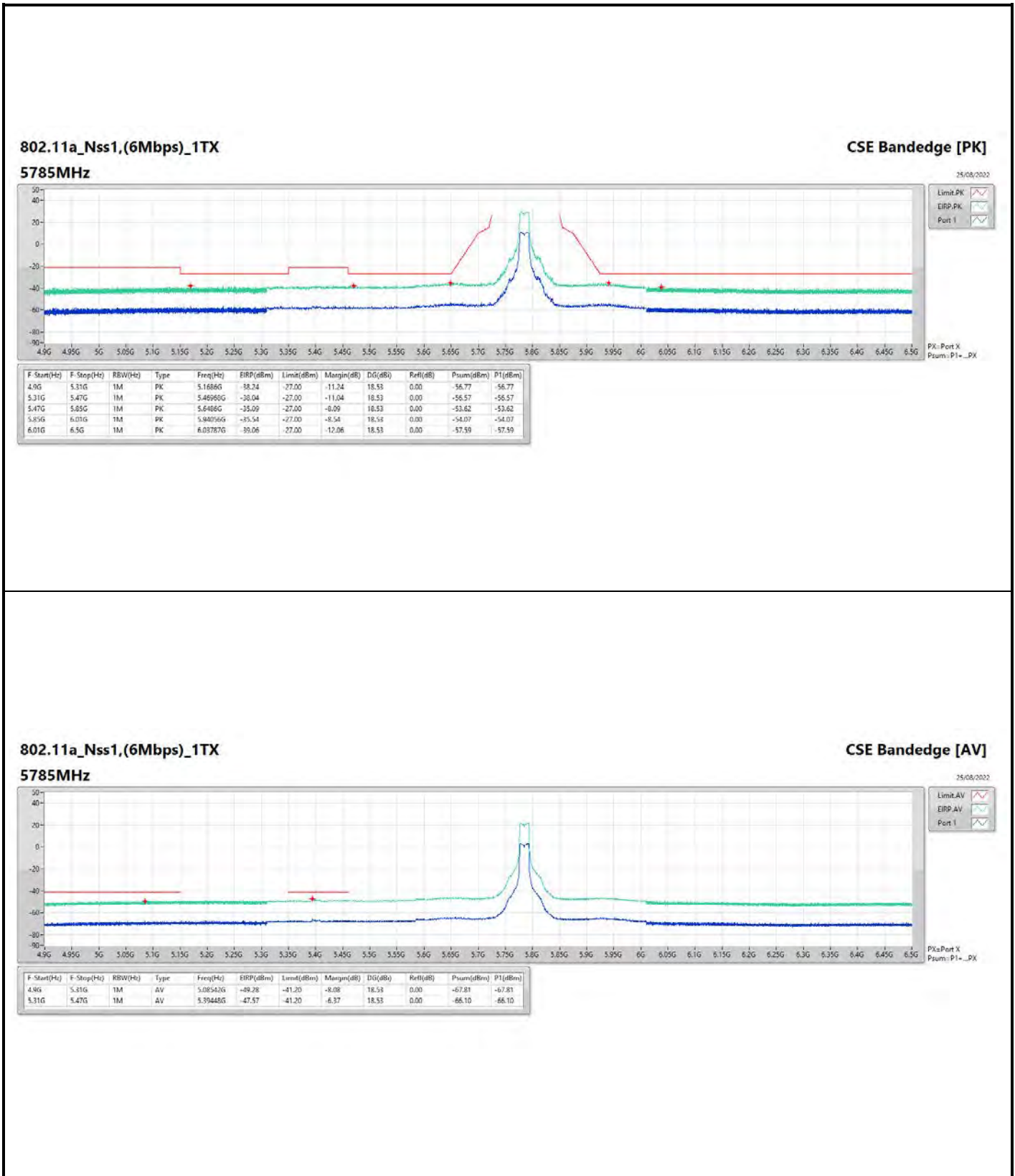










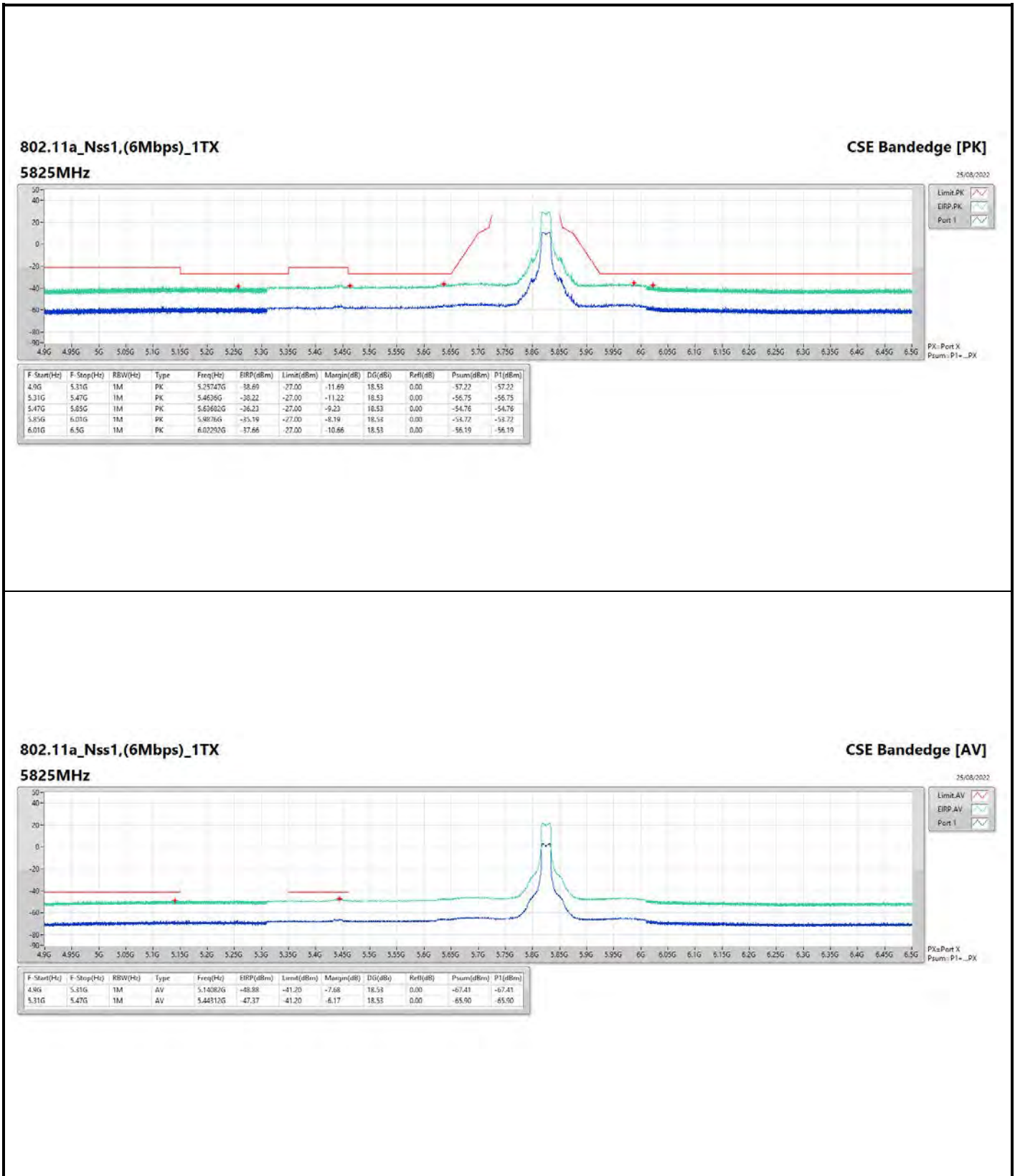


**802.11a\_Nss1,(6Mbps)\_1TX**

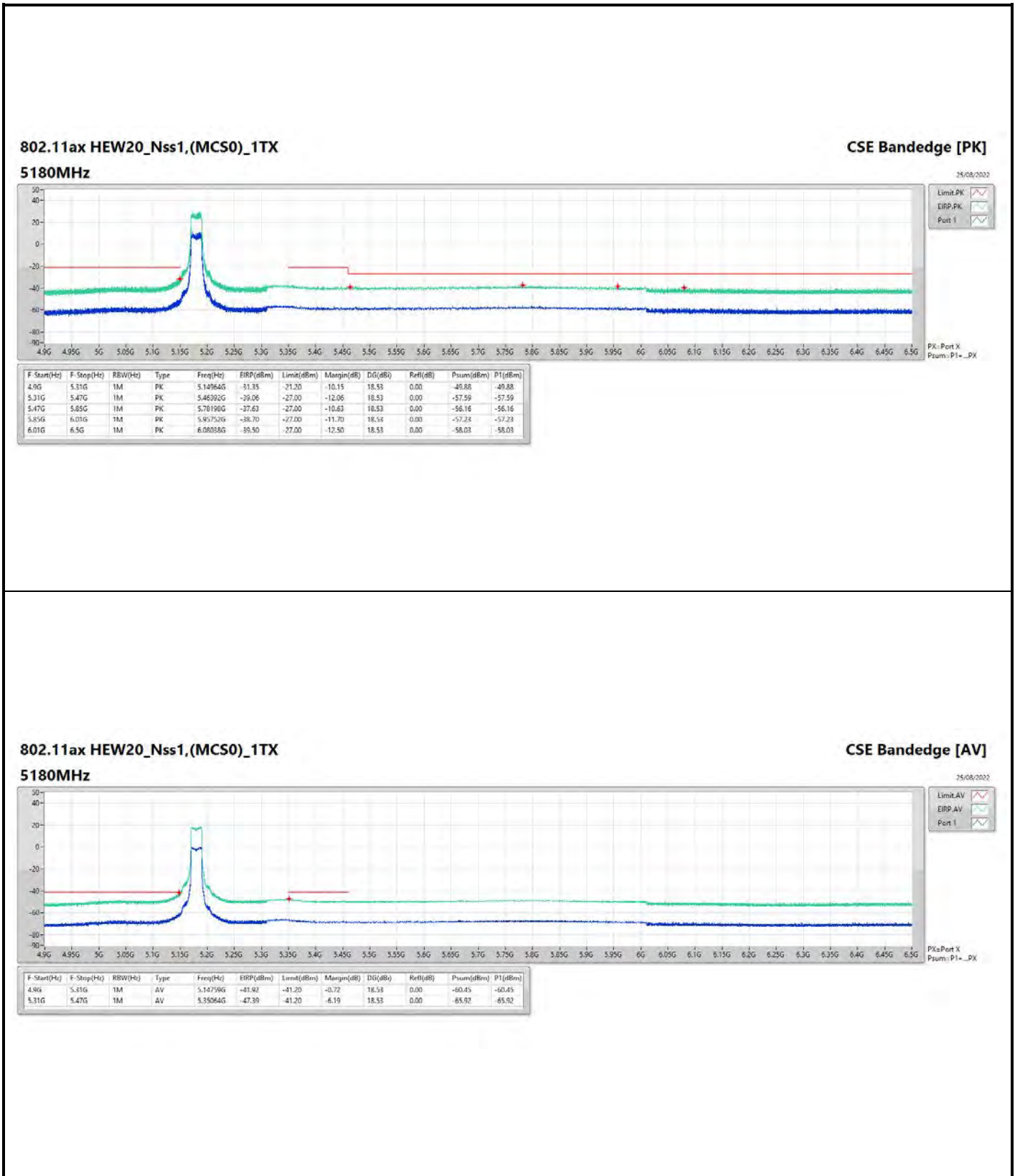
**5785MHz**

**CSE Bandedge [AV]**

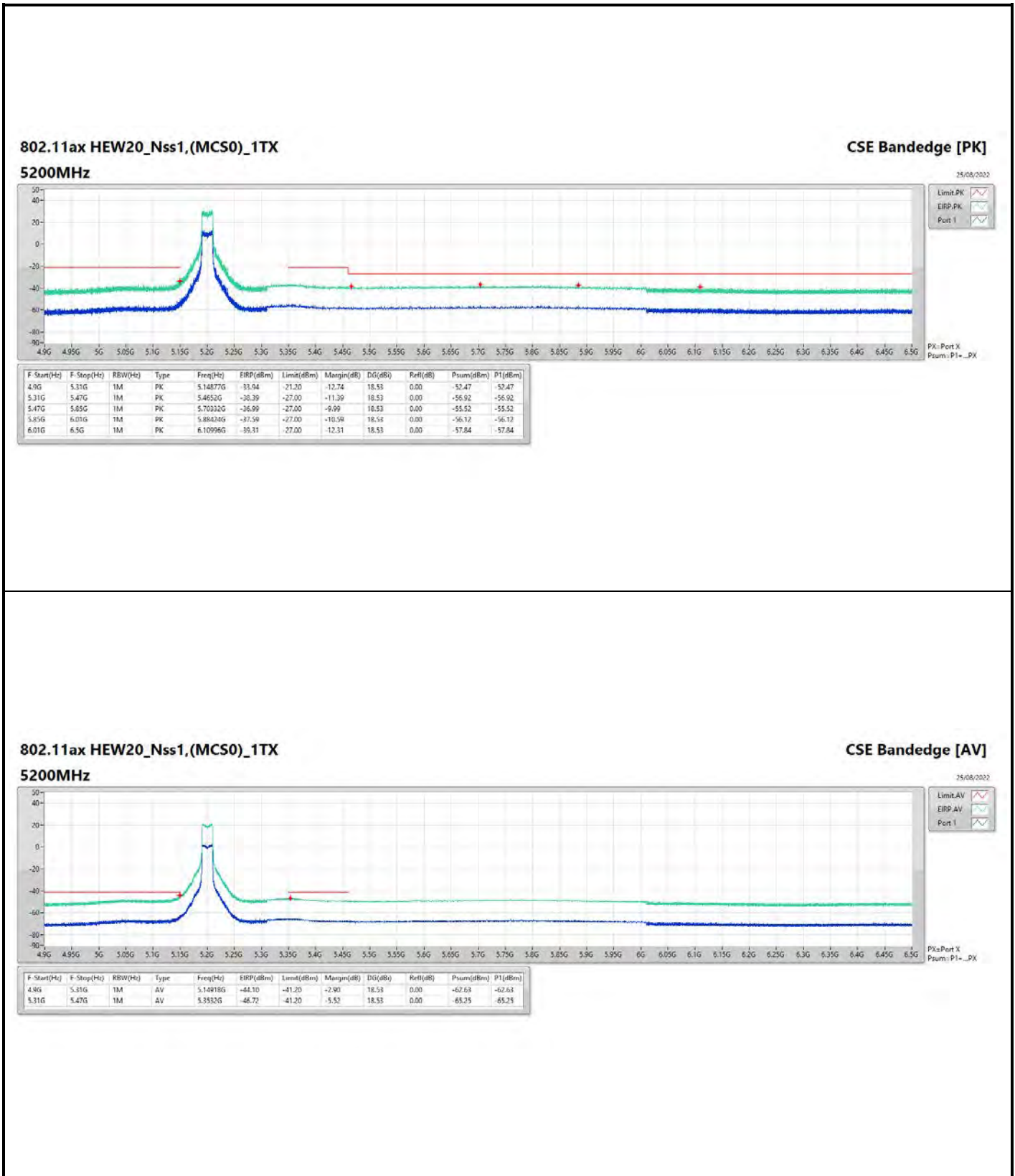
25/08/2022

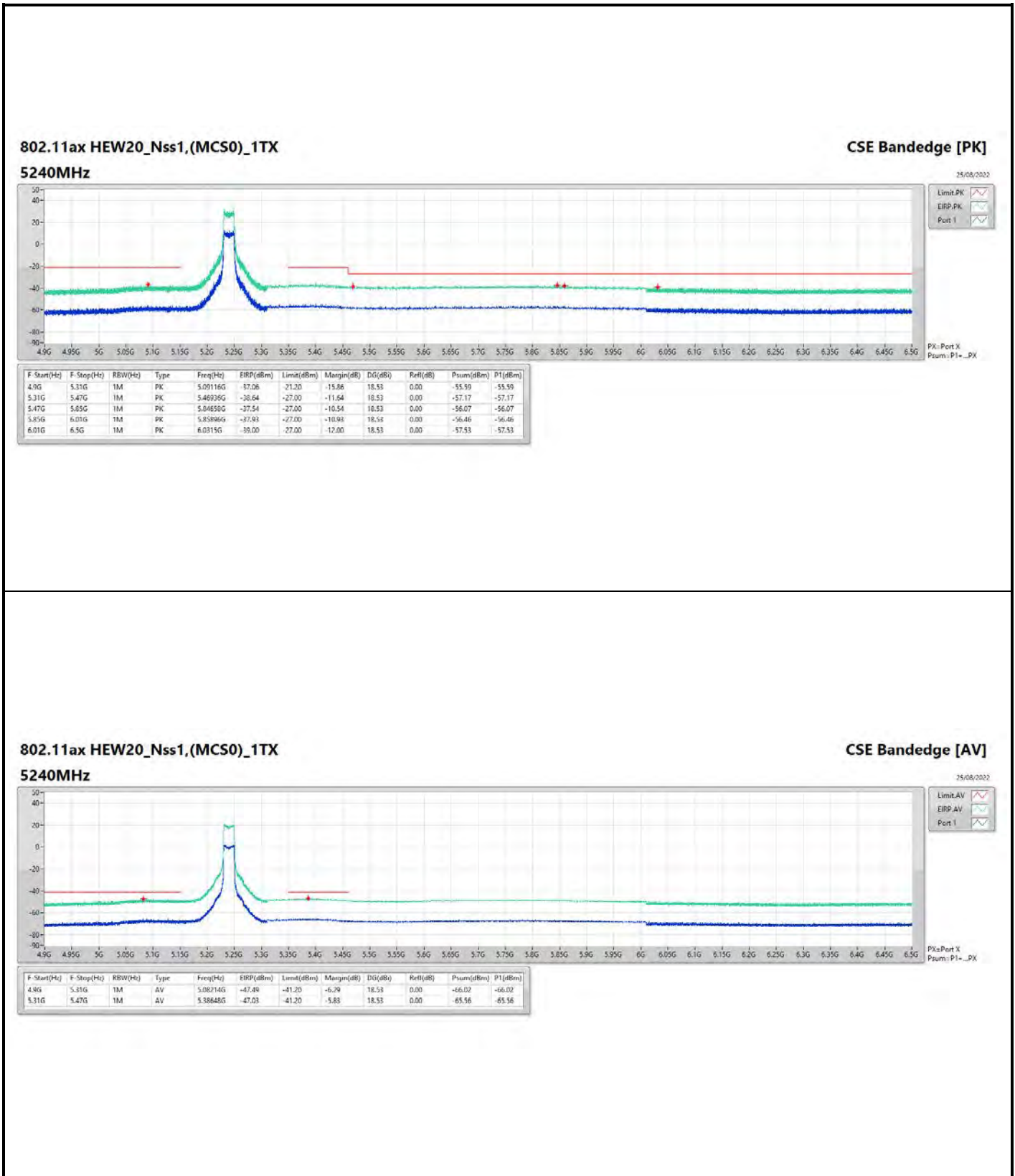


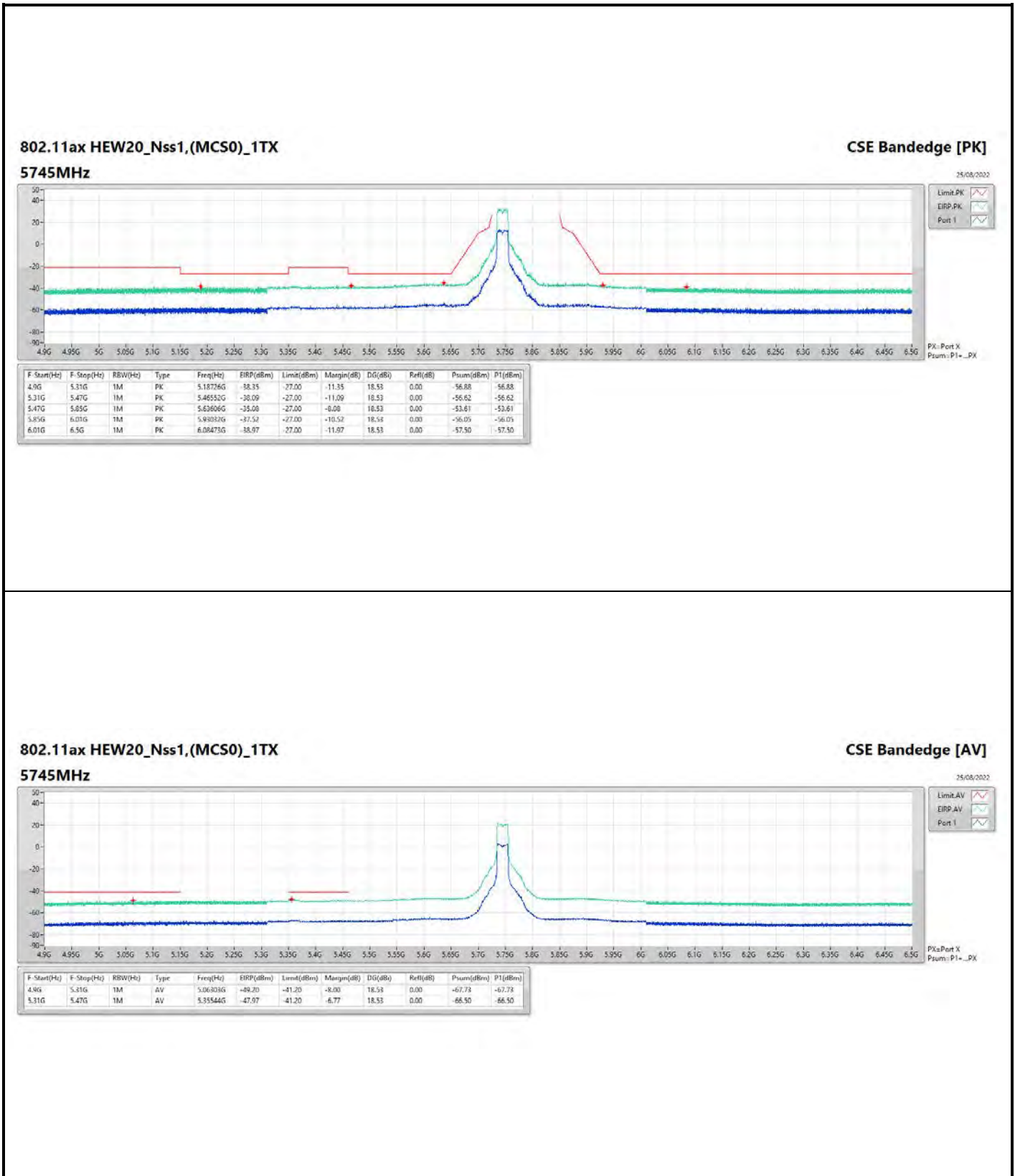


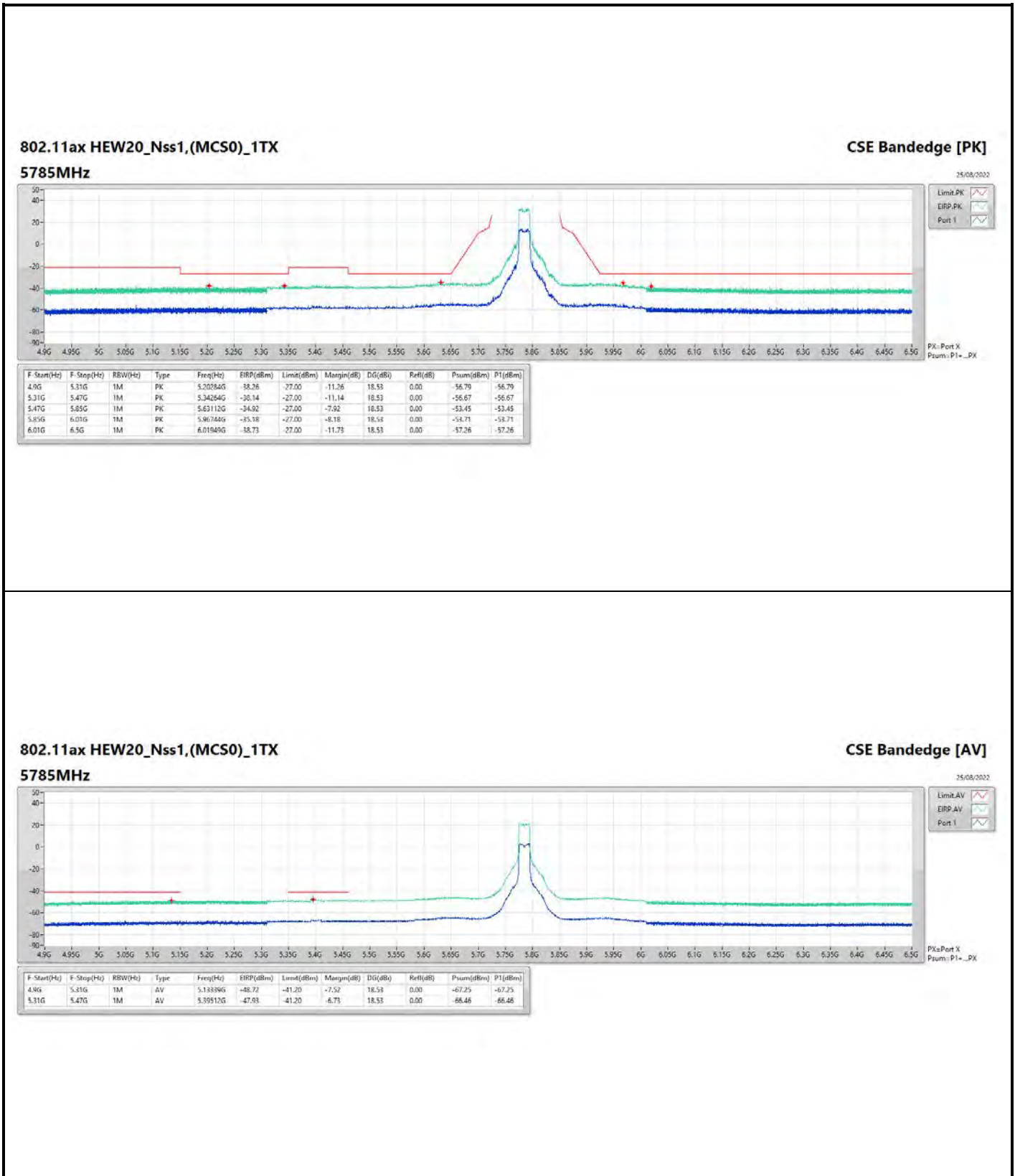




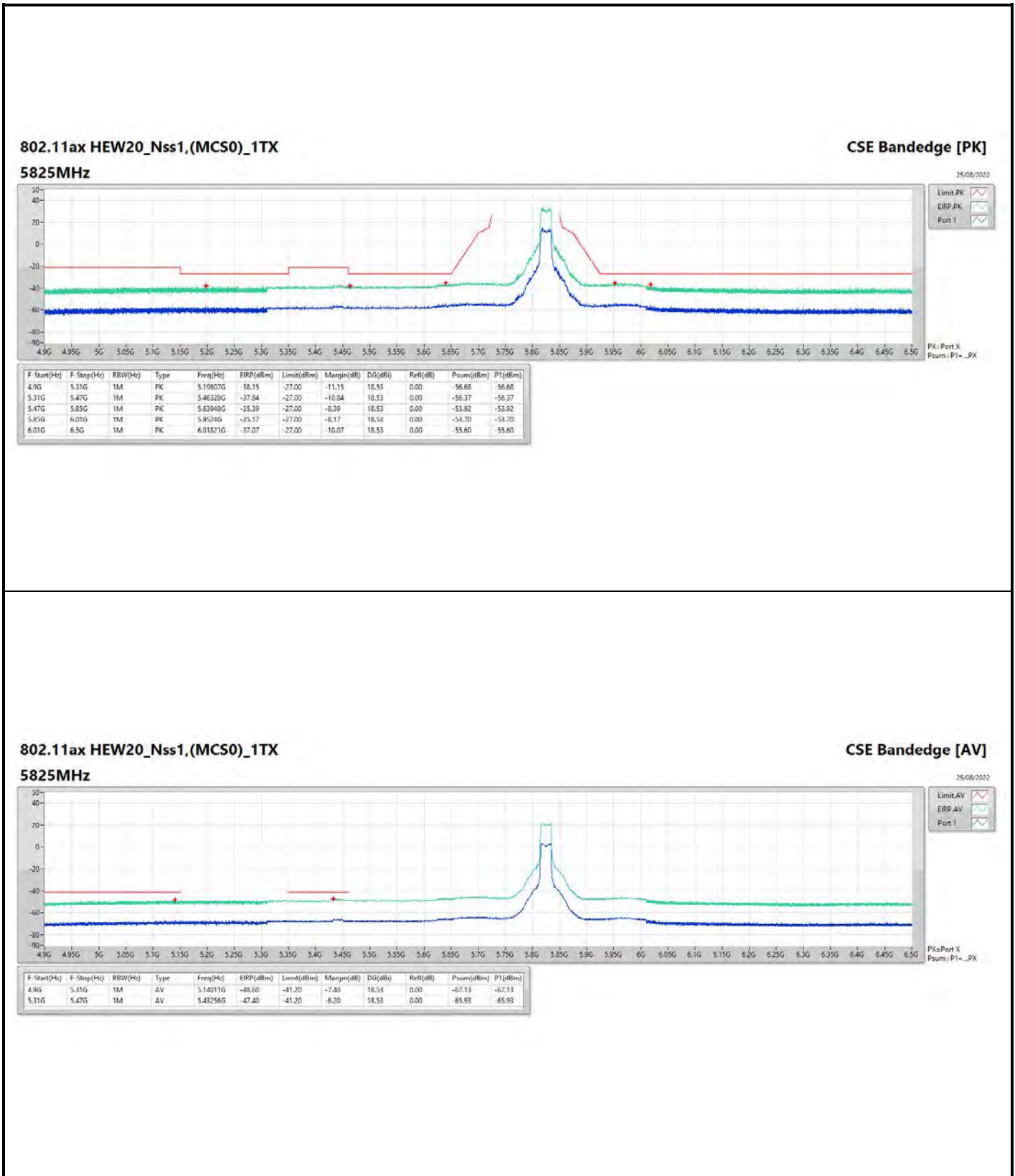




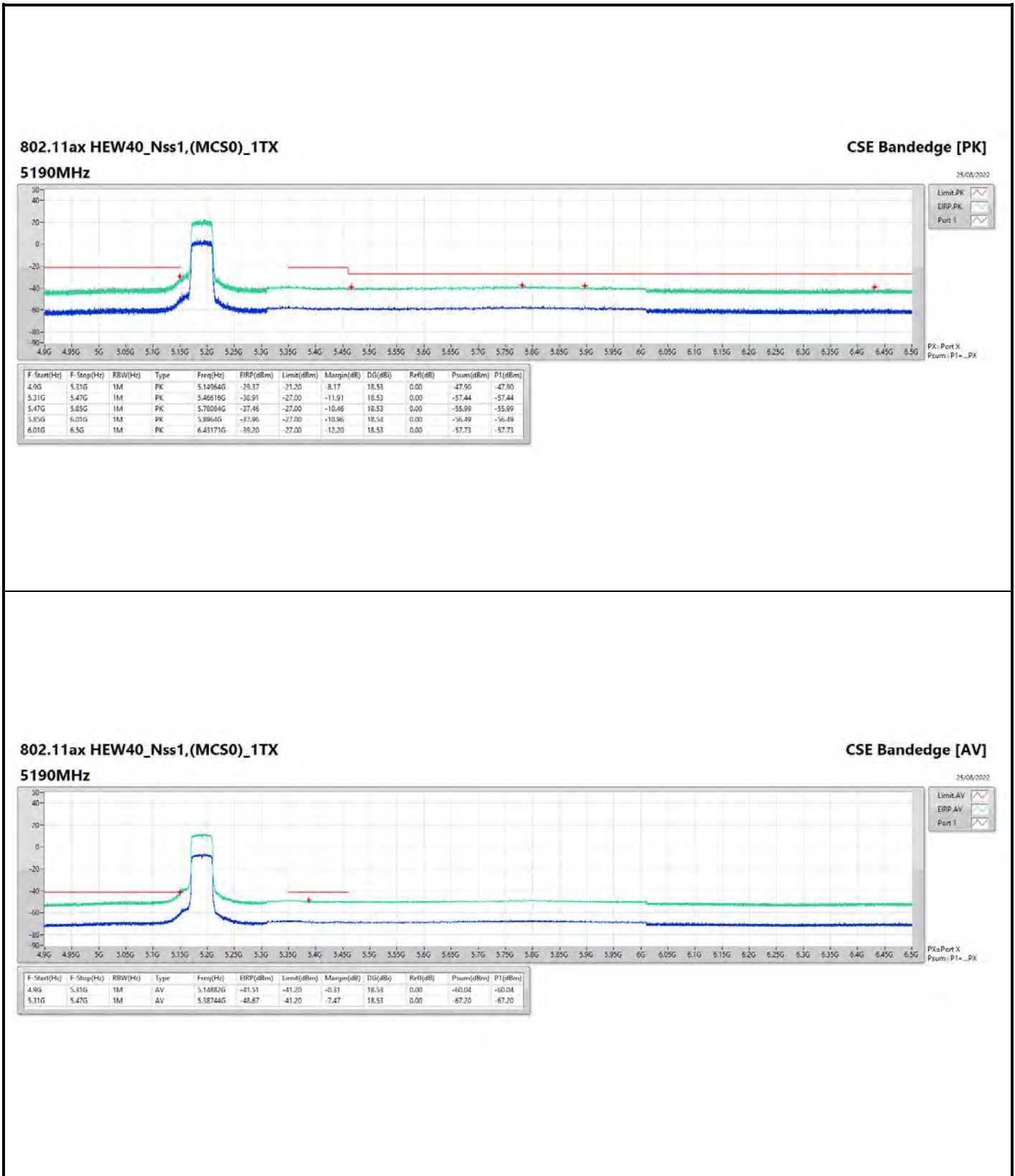


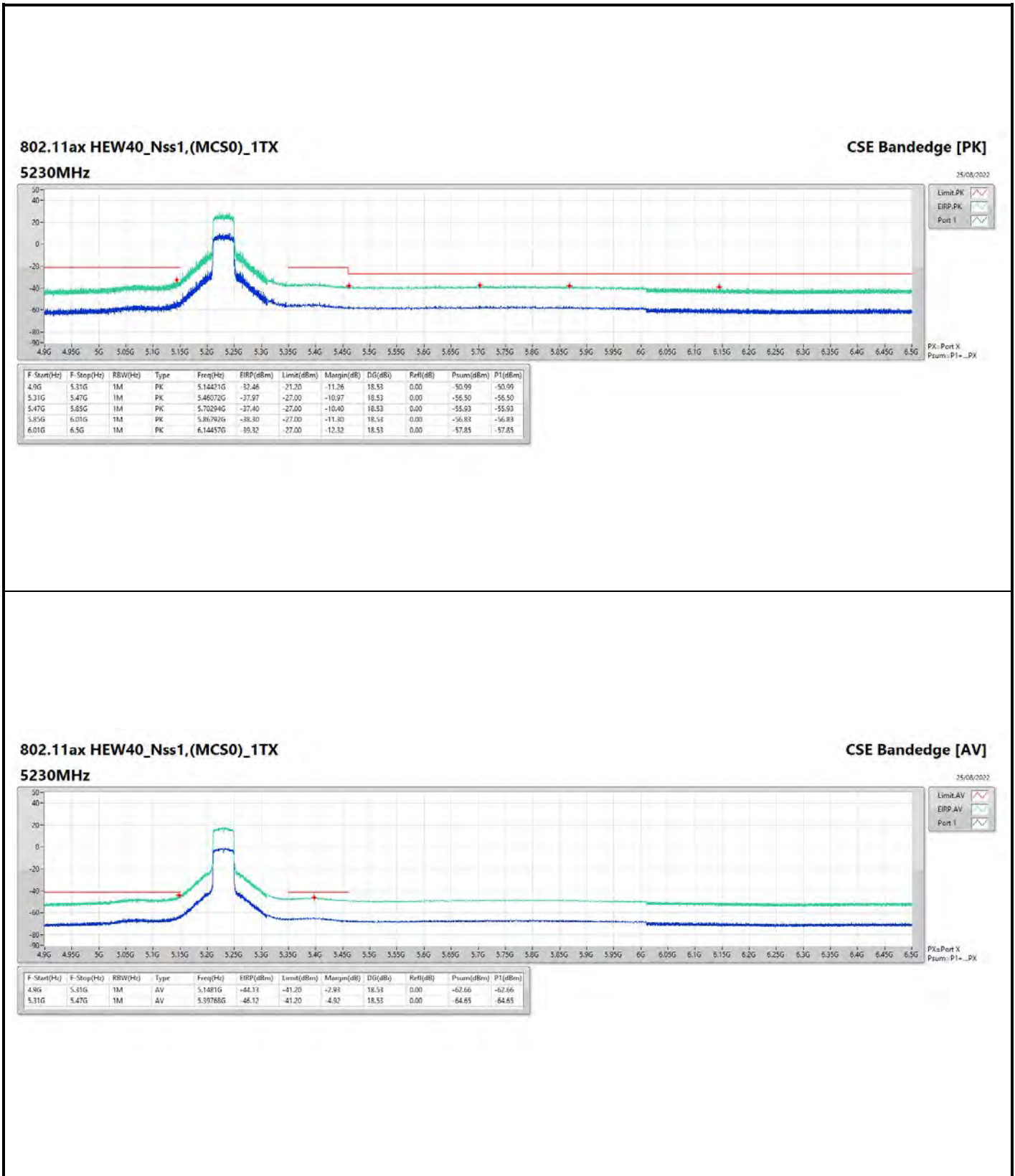












**802.11ax HEW40\_Nss1,(MCS0)\_1TX**

**5230MHz**

**CSE Bandedge [AV]**

25/08/2022