

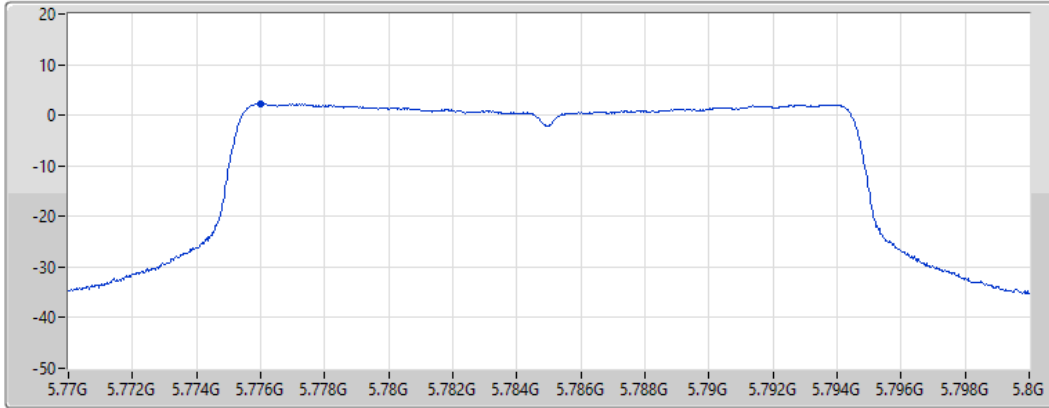
802.11ax HEW20\_Nss1,(MCS0)\_1TX


PSD

5785MHz

25/08/2022

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	2.23

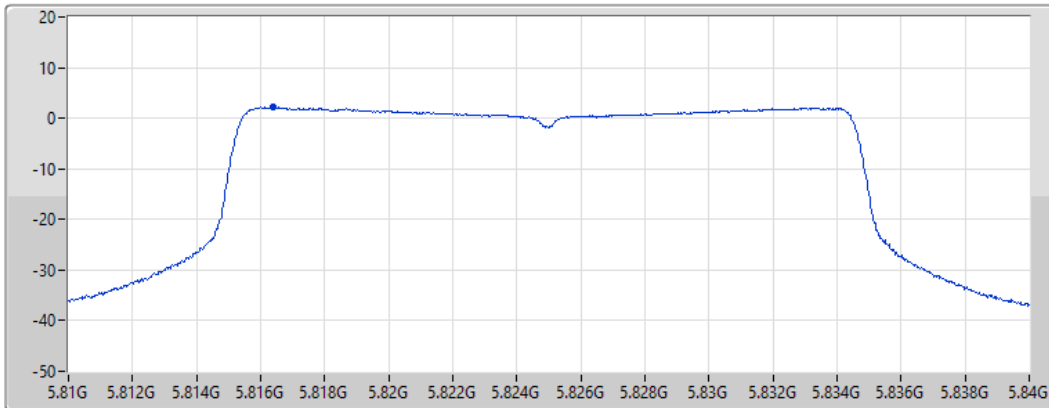
802.11ax HEW20\_Nss1,(MCS0)\_1TX


PSD

5825MHz

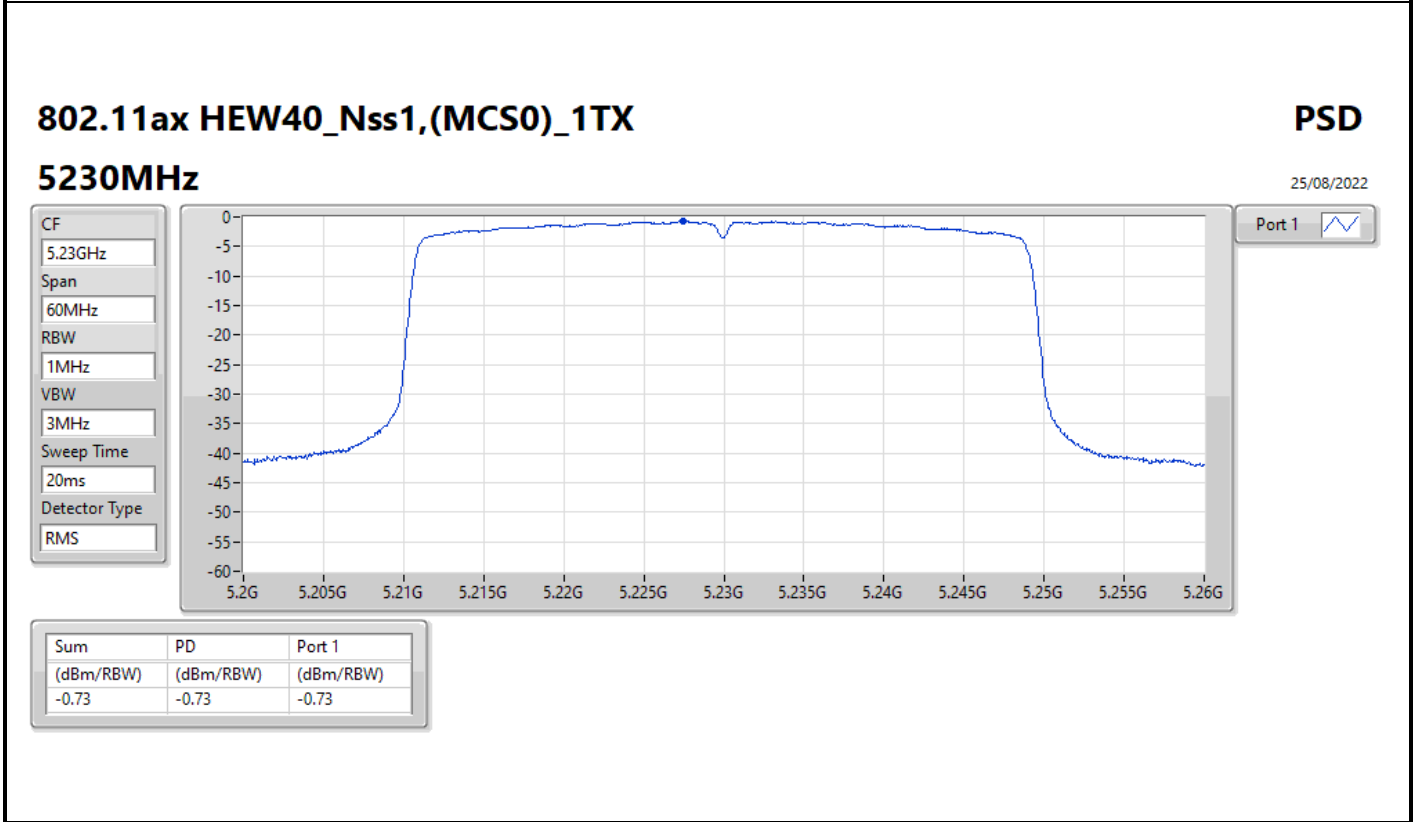
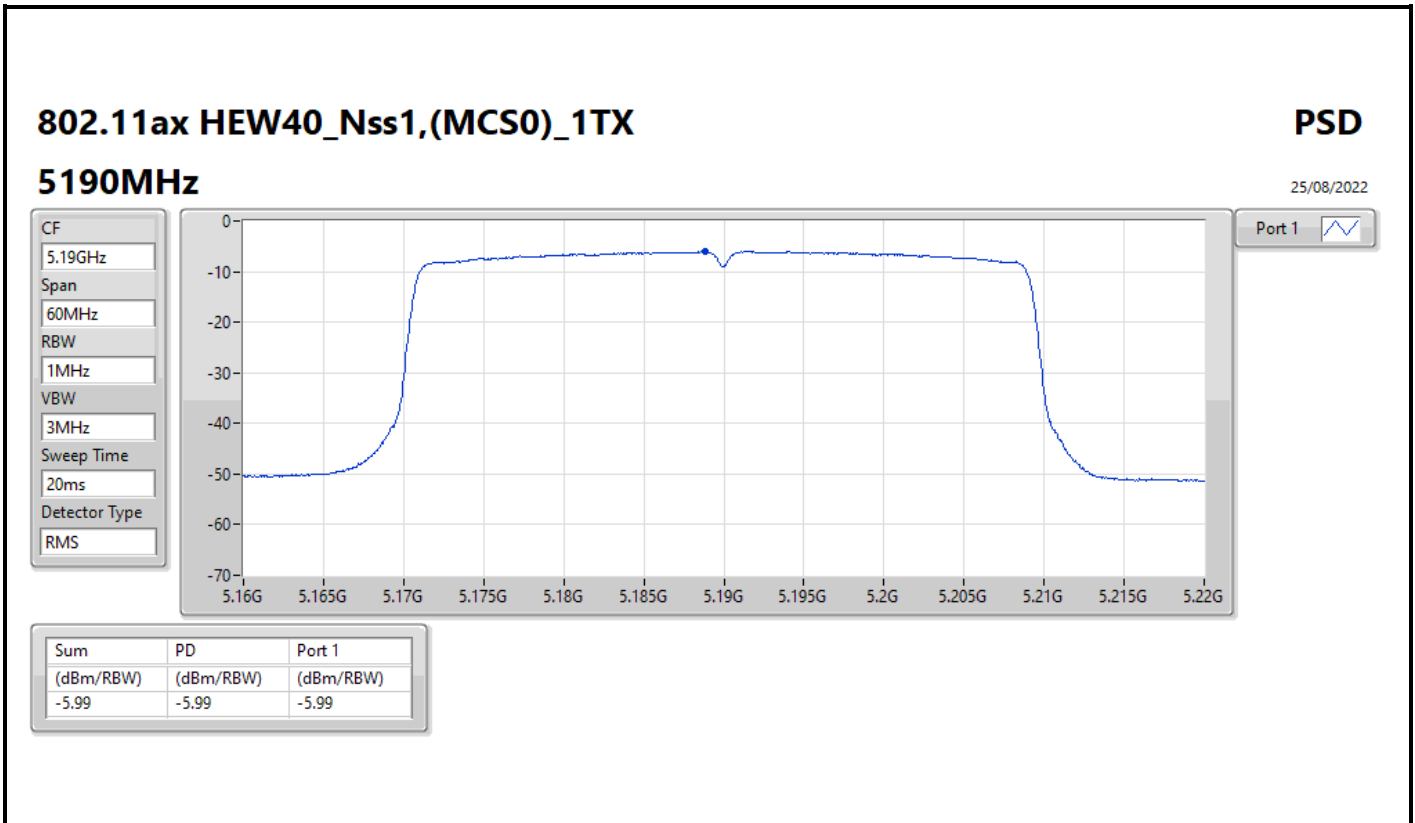
25/08/2022

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	2.15

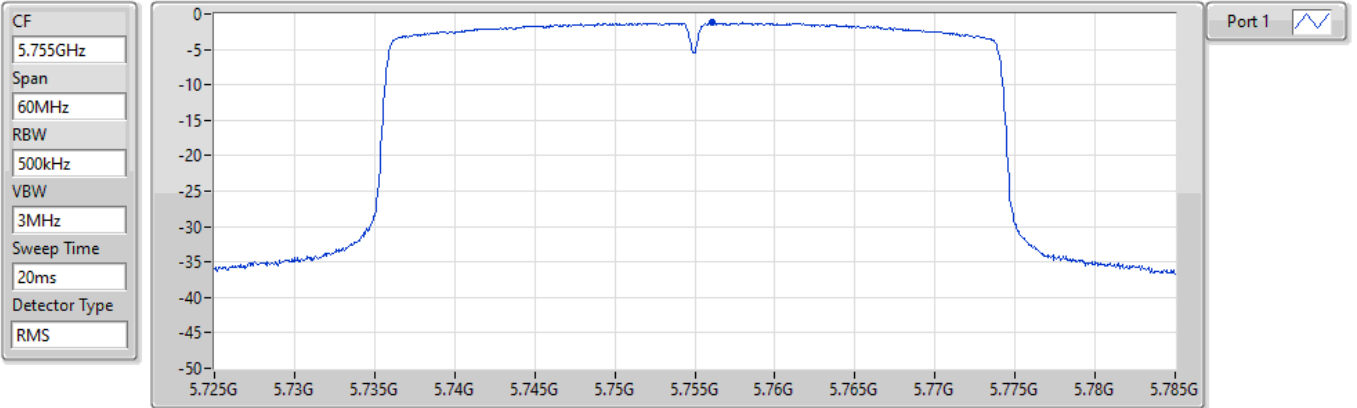


802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5755MHz

25/08/2022



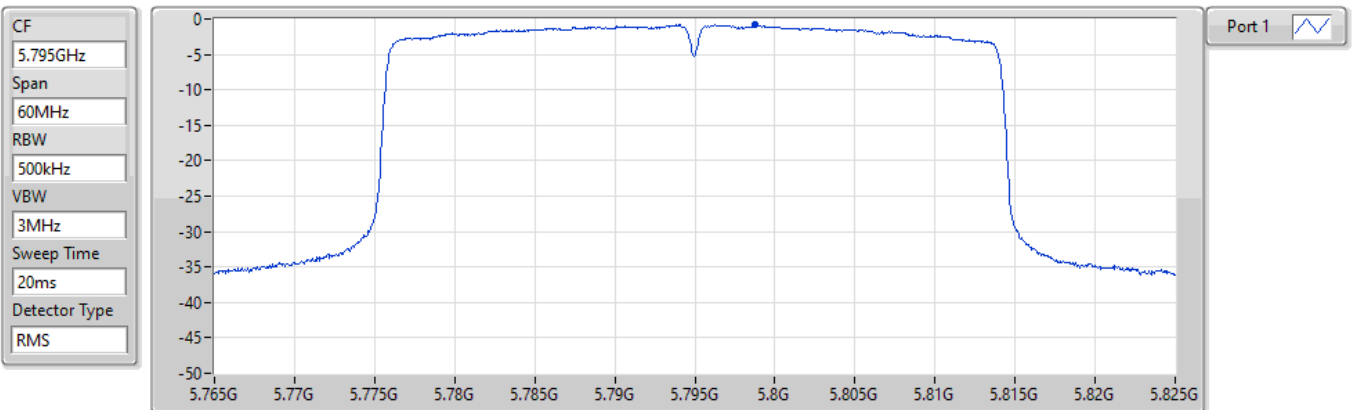
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.24	-1.24	-1.24

802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5795MHz

25/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.85	-0.85	-0.85

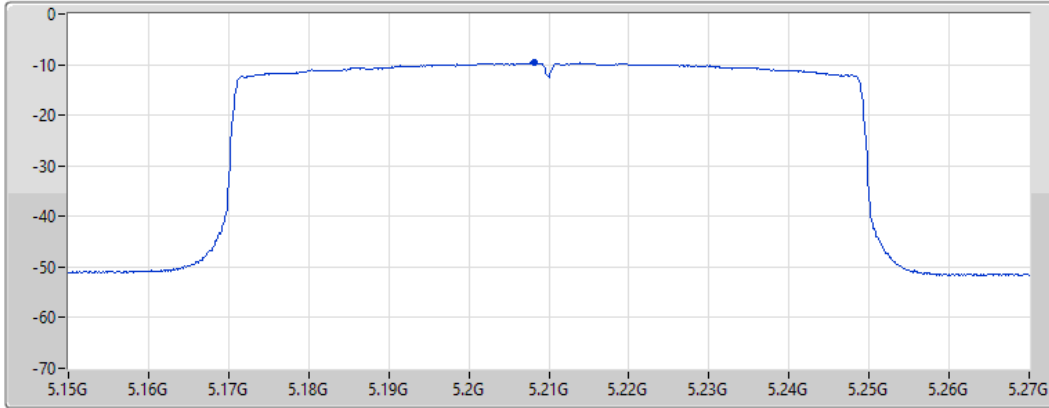
802.11ax HEW80\_Nss1,(MCS0)\_1TX


PSD

5210MHz

25/08/2022

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.63	-9.63	-9.63

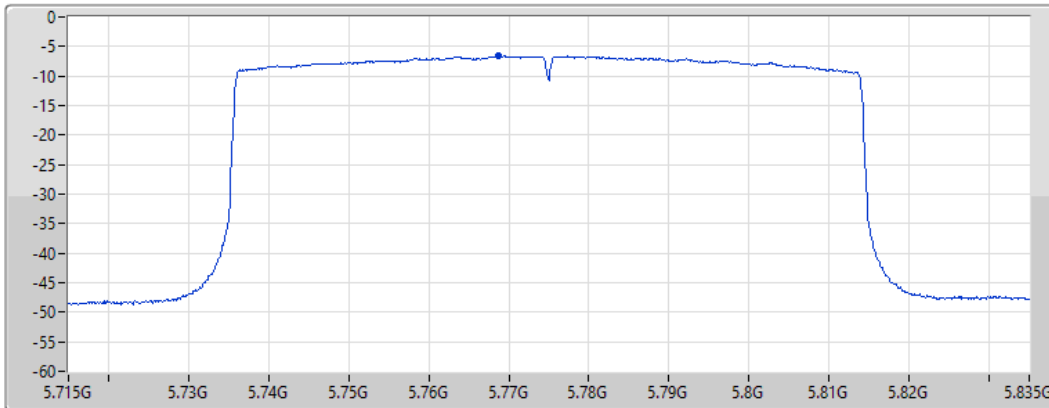
802.11ax HEW80\_Nss1,(MCS0)\_1TX


PSD

5775MHz

25/08/2022

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.57	-6.57	-6.57



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	30M	1G	PK	75.11M	-55.37	-55.20	-0.17	-79.69	-90.48	-88.60	-91.10

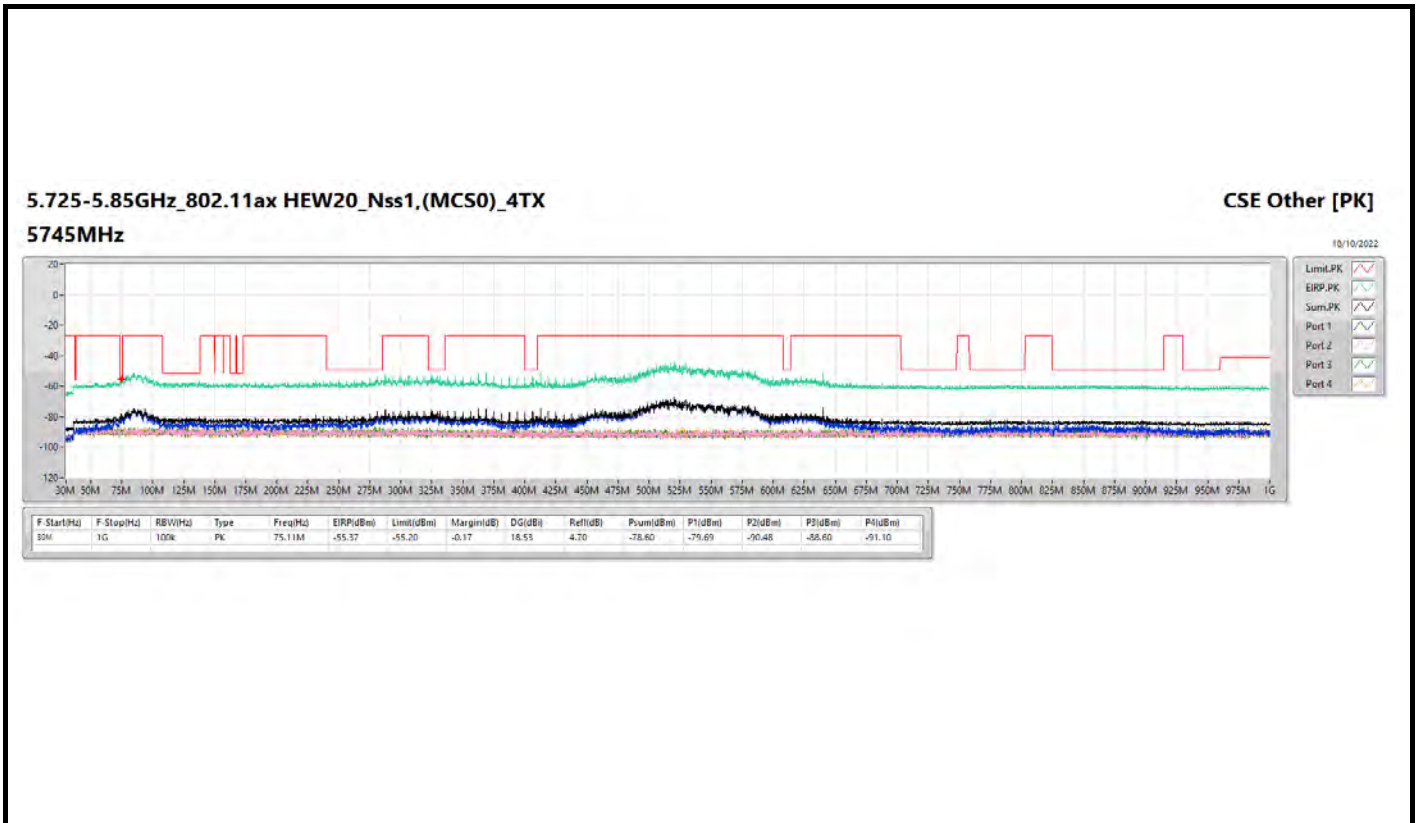
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	30M	1G	PK	75.11M	18.53	-79.69	-90.48	-88.60	-91.10	-78.60	-55.37	-55.20	-0.17

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





**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz) \_P to M\_**  
**P to P**

**Appendix E.2**

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.35G	5.39G	AV	5.376G	-51.56	-41.20	-10.36	-54.56			
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.35G	5.39G	AV	5.376G	-51.44	-41.20	-10.24	-54.44			
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	5.35G	5.43G	AV	5.37592G	-51.71	-41.20	-10.51	-54.71			
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	4.99G	5.15G	AV	5.12568G	-49.09	-41.20	-7.89	-52.09			
802.11a_Nss1,(6Mbps)_2TX	Pass	5.35G	5.39G	AV	5.37592G	-52.34	-41.20	-11.14	-56.58	-61.37		
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5.35G	5.39G	AV	5.37584G	-52.37	-41.20	-11.17	-56.51	-61.74		
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5.35G	5.43G	AV	5.37608G	-52.67	-41.20	-11.47	-59.91	-57.72		
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5.35G	5.51G	AV	5.37592G	-50.97	-41.20	-9.77	-55.95	-58.33		
802.11a_Nss1,(6Mbps)_4TX	Pass	5.35G	5.39G	AV	5.37592G	-50.02	-41.20	-8.82	-58.79	-59.98	-60.58	-57.49
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	5.35G	5.39G	AV	5.37592G	-50.44	-41.20	-9.24	-59.83	-60.23	-60.80	-57.68
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	5.15G	5.35G	AV	5.35G	-50.20	-41.20	-9.00	-60.22	-58.77	-58.93	-59.12
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.15G	5.35G	AV	5.35G	-51.31	-41.20	-10.11	-61.10	-59.84	-60.31	-60.16
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	5.685G	PK	5.6241G	-41.17	-27.00	-14.17	-44.17			
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	1G	5.685G	AV	5.37638G	-55.89	-41.20	-14.69	-58.89			
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	1G	5.645G	PK	5.63629G	-31.58	-27.00	-4.58	-34.58			
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.565G	5.725G	PK	5.65204G	-29.33	-25.49	-3.84	-32.33			
802.11a_Nss1,(6Mbps)_2TX	Pass	1G	5.685G	AV	5.37638G	-53.46	-41.20	-12.26	-59.42	-59.53		
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	1G	5.685G	PK	5.6241G	-38.78	-27.00	-11.78	-42.25	-51.64		
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5.645G	5.725G	PK	5.64884G	-37.91	-27.00	-10.91	-47.65	-41.95		
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5.565G	5.725G	PK	5.64692G	-31.29	-27.00	-4.29	-42.77	-34.95		
802.11a_Nss1,(6Mbps)_4TX	Pass	1G	5.685G	AV	5.37638G	-49.79	-41.20	-8.59	-59.52	-60.39	-58.57	-57.36
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	1G	5.685G	AV	5.37638G	-49.85	-41.20	-8.65	-60.39	-60.64	-58.41	-57.07
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	1G	5.645G	AV	5.37617G	-49.95	-41.20	-8.75	-60.71	-60.15	-59.43	-56.76
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.565G	5.725G	PK	5.64916G	-35.19	-27.00	-8.19	-49.68	-47.91	-44.48	-40.50

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





**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz) \_P to M\_**  
**P to P**

**Appendix E.2**

**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	1G	5.11G	AV	4.99235G	3.00	-57.00				-57.00	-54.00	-41.20	-12.80
5180MHz	Pass	5.11G	5.15G	AV	5.1216G	3.00	-58.72				-58.72	-55.72	-41.20	-14.52
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.39				-58.39	-55.39	-41.20	-14.19
5180MHz	Pass	5.35G	5.39G	AV	5.376G	3.00	-54.56				-54.56	-51.56	-41.20	-10.36
5180MHz	Pass	5.39G	8G	AV	5.45101G	3.00	-60.32				-60.32	-57.32	-41.20	-16.12
5180MHz	Pass	1G	5.11G	PK	5.10178G	3.00	-49.51				-49.51	-46.51	-21.20	-25.31
5180MHz	Pass	5.11G	5.15G	PK	5.13072G	3.00	-47.75				-47.75	-44.75	-21.20	-23.55
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-48.74				-48.74	-45.74	-21.20	-24.54
5180MHz	Pass	5.35G	5.39G	PK	5.376G	3.00	-46.76				-46.76	-43.76	-21.20	-22.56
5180MHz	Pass	5.39G	8G	PK	5.56813G	3.00	-48.14				-48.14	-45.14	-27.00	-18.14
5200MHz	Pass	1G	5.11G	AV	5.01496G	3.00	-59.05				-59.05	-56.05	-41.20	-14.85
5200MHz	Pass	5.11G	5.15G	AV	5.11168G	3.00	-59.29				-59.29	-56.29	-41.20	-15.09
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.88				-58.88	-55.88	-41.20	-14.68
5200MHz	Pass	5.35G	5.39G	AV	5.376G	3.00	-55.12				-55.12	-52.12	-41.20	-10.92
5200MHz	Pass	5.39G	8G	AV	5.39685G	3.00	-58.22				-58.22	-55.22	-41.20	-14.02
5200MHz	Pass	1G	5.11G	PK	5.07763G	3.00	-48.29				-48.29	-45.29	-21.20	-24.09
5200MHz	Pass	5.11G	5.15G	PK	5.11752G	3.00	-48.89				-48.89	-45.89	-21.20	-24.69
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-48.33				-48.33	-45.33	-21.20	-24.13
5200MHz	Pass	5.35G	5.39G	PK	5.38736G	3.00	-47.62				-47.62	-44.62	-21.20	-23.42
5200MHz	Pass	5.39G	8G	PK	5.58151G	3.00	-47.97				-47.97	-44.97	-27.00	-17.97
5240MHz	Pass	1G	5.11G	AV	5.05246G	3.00	-58.19				-58.19	-55.19	-41.20	-13.99
5240MHz	Pass	5.11G	5.15G	AV	5.11168G	3.00	-60.48				-60.48	-57.48	-41.20	-16.28
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-57.86				-57.86	-54.86	-41.20	-13.66
5240MHz	Pass	5.35G	5.39G	AV	5.37608G	3.00	-54.98				-54.98	-51.98	-41.20	-10.78
5240MHz	Pass	5.39G	8G	AV	5.4285G	3.00	-57.95				-57.95	-54.95	-41.20	-13.75
5240MHz	Pass	1G	5.11G	PK	5.04578G	3.00	-49.58				-49.58	-46.58	-21.20	-25.38
5240MHz	Pass	5.11G	5.15G	PK	5.11992G	3.00	-42.50				-42.50	-39.50	-21.20	-18.30
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-47.94				-47.94	-44.94	-21.20	-23.74
5240MHz	Pass	5.35G	5.39G	PK	5.36032G	3.00	-42.14				-42.14	-39.14	-21.20	-17.94
5240MHz	Pass	5.39G	8G	PK	5.56813G	3.00	-48.61				-48.61	-45.61	-27.00	-18.61
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-60.56				-60.56	-57.56	-41.20	-16.36
5745MHz	Pass	5.89G	8G	AV	7.48094G	3.00	-66.84				-66.84	-63.84	-41.20	-22.64
5745MHz	Pass	1G	5.685G	PK	5.6241G	3.00	-44.17				-44.17	-41.17	-27.00	-14.17
5745MHz	Pass	5.685G	5.725G	PK	5.68556G	3.00	-49.75				-49.75	-46.75	-0.69	-46.06
5745MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-52.90				-52.90	-49.90	27.00	-76.90
5745MHz	Pass	5.85G	5.89G	PK	5.88952G	3.00	-51.31				-51.31	-48.31	-0.74	-47.57
5745MHz	Pass	5.89G	8G	PK	5.92956G	3.00	-49.27				-49.27	-46.27	-27.00	-19.27
5785MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.89				-59.89	-56.89	-41.20	-15.69
5785MHz	Pass	5.89G	8G	AV	7.42845G	3.00	-66.57				-66.57	-63.57	-41.20	-22.37
5785MHz	Pass	1G	5.685G	PK	5.59833G	3.00	-48.76				-48.76	-45.76	-27.00	-18.76
5785MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-50.92				-50.92	-47.92	-1.10	-46.82
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.27				-53.27	-50.27	27.00	-77.27
5785MHz	Pass	5.85G	5.89G	PK	5.88904G	3.00	-50.01				-50.01	-47.01	-0.39	-46.62
5785MHz	Pass	5.89G	8G	PK	5.95145G	3.00	-49.42				-49.42	-46.42	-27.00	-19.42
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.09				-59.09	-56.09	-41.20	-14.89
5825MHz	Pass	5.89G	8G	AV	7.46934G	3.00	-66.64				-66.64	-63.64	-41.20	-22.44
5825MHz	Pass	1G	5.685G	PK	5.63815G	3.00	-48.84				-48.84	-45.84	-27.00	-18.84
5825MHz	Pass	5.685G	5.725G	PK	5.68556G	3.00	-50.49				-50.49	-47.49	-0.69	-46.80
5825MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-53.93				-53.93	-50.93	27.00	-77.93
5825MHz	Pass	5.85G	5.89G	PK	5.88984G	3.00	-49.04				-49.04	-46.04	-0.98	-45.06
5825MHz	Pass	5.89G	8G	PK	5.94618G	3.00	-45.10				-45.10	-42.10	-27.00	-15.10
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-57.83				-57.83	-54.83	-41.20	-13.63
5180MHz	Pass	5.11G	5.15G	AV	5.11008G	3.00	-58.93				-58.93	-55.93	-41.20	-14.73
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.80				-58.80	-55.80	-41.20	-14.60
5180MHz	Pass	5.35G	5.39G	AV	5.376G	3.00	-54.58				-54.58	-51.58	-41.20	-10.38
5180MHz	Pass	5.39G	8G	AV	5.42948G	3.00	-60.04				-60.04	-57.04	-41.20	-15.84
5180MHz	Pass	1G	5.11G	PK	4.99235G	3.00	-50.00				-50.00	-47.00	-21.20	-25.80
5180MHz	Pass	5.11G	5.15G	PK	5.12184G	3.00	-47.88				-47.88	-44.88	-21.20	-23.68
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-49.77				-49.77	-46.77	-21.20	-25.57
5180MHz	Pass	5.35G	5.39G	PK	5.37568G	3.00	-47.33				-47.33	-44.33	-21.20	-23.13
5180MHz	Pass	5.39G	8G	PK	5.56781G	3.00	-47.67				-47.67	-44.67	-27.00	-17.67
5200MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-57.96				-57.96	-54.96	-41.20	-13.76
5200MHz	Pass	5.11G	5.15G	AV	5.1132G	3.00	-59.31				-59.31	-56.31	-41.20	-15.11
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.32				-58.32	-55.32	-41.20	-14.12
5200MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-55.24				-55.24	-52.24	-41.20	-11.04
5200MHz	Pass	5.39G	8G	AV	5.39033G	3.00	-58.38				-58.38	-55.38	-41.20	-14.18
5200MHz	Pass	1G	5.11G	PK	5.08226G	3.00	-44.90				-44.90	-41.90	-21.20	-20.70



**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz)\_P to M\_P to P**

**Appendix E.2**

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)
5200MHz	Pass	5.11G	5.15G	PK	5.11104G	3.00	-48.62				-48.62	-45.62	-21.20	-24.42
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-48.49				-48.49	-45.49	-21.20	-24.29
5200MHz	Pass	5.35G	5.39G	PK	5.37624G	3.00	-46.36				-46.36	-43.36	-21.20	-22.16
5200MHz	Pass	5.39G	8G	PK	5.6187G	3.00	-47.67				-47.67	-44.67	-27.00	-17.67
5240MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-58.56				-58.56	-55.56	-41.20	-14.36
5240MHz	Pass	5.11G	5.15G	AV	5.11776G	3.00	-60.31				-60.31	-57.31	-41.20	-16.11
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.62				-58.62	-55.62	-41.20	-14.42
5240MHz	Pass	5.35G	5.39G	AV	5.376G	3.00	-54.44				-54.44	-51.44	-41.20	-10.24
5240MHz	Pass	5.39G	8G	AV	5.43339G	3.00	-58.10				-58.10	-55.10	-41.20	-13.90
5240MHz	Pass	1G	5.11G	PK	5.05606G	3.00	-49.15				-49.15	-46.15	-21.20	-24.95
5240MHz	Pass	5.11G	5.15G	PK	5.1212G	3.00	-42.84				-42.84	-39.84	-21.20	-18.64
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-49.65				-49.65	-46.65	-21.20	-25.45
5240MHz	Pass	5.35G	5.39G	PK	5.35928G	3.00	-41.78				-41.78	-38.78	-21.20	-17.58
5240MHz	Pass	5.39G	8G	PK	5.63828G	3.00	-47.58				-47.58	-44.58	-27.00	-17.58
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.62				-59.62	-56.62	-41.20	-15.42
5745MHz	Pass	5.89G	8G	AV	7.48463G	3.00	-66.82				-66.82	-63.82	-41.20	-22.62
5745MHz	Pass	1G	5.685G	PK	5.55089G	3.00	-48.15				-48.15	-45.15	-27.00	-18.15
5745MHz	Pass	5.685G	5.725G	PK	5.68580G	3.00	-49.20				-49.20	-46.20	-0.45	-45.75
5745MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.37				-53.37	-50.37	27.00	-77.37
5745MHz	Pass	5.85G	5.89G	PK	5.88976G	3.00	-51.29				-51.29	-48.29	-0.92	-47.37
5745MHz	Pass	5.89G	8G	PK	5.95198G	3.00	-47.63				-47.63	-44.63	-27.00	-17.63
5785MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-58.89				-58.89	-55.89	-41.20	-14.69
5785MHz	Pass	5.89G	8G	AV	7.48463G	3.00	-66.80				-66.80	-63.80	-41.20	-22.60
5785MHz	Pass	1G	5.685G	PK	5.59189G	3.00	-47.86				-47.86	-44.86	-27.00	-17.86
5785MHz	Pass	5.685G	5.725G	PK	5.68556G	3.00	-49.59				-49.59	-46.59	-0.69	-45.90
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-52.09				-52.09	-49.09	27.00	-76.09
5785MHz	Pass	5.85G	5.89G	PK	5.88968G	3.00	-50.39				-50.39	-47.39	-0.86	-46.53
5785MHz	Pass	5.89G	8G	PK	5.95198G	3.00	-48.94				-48.94	-45.94	-27.00	-18.94
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-58.95				-58.95	-55.95	-41.20	-14.75
5825MHz	Pass	5.89G	8G	AV	7.47065G	3.00	-66.64				-66.64	-63.64	-41.20	-22.44
5825MHz	Pass	1G	5.685G	PK	5.63054G	3.00	-48.34				-48.34	-45.34	-27.00	-18.34
5825MHz	Pass	5.685G	5.725G	PK	5.68516G	3.00	-51.79				-51.79	-48.79	-0.98	-47.81
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.09				-53.09	-50.09	27.00	-77.09
5825MHz	Pass	5.85G	5.89G	PK	5.8896G	3.00	-49.07				-49.07	-46.07	-0.80	-45.27
5825MHz	Pass	5.89G	8G	PK	5.95198G	3.00	-47.58				-47.58	-44.58	-27.00	-17.58
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	5.07G	AV	4.99216G	3.00	-59.16				-59.16	-56.16	-41.20	-14.96
5190MHz	Pass	5.07G	5.15G	AV	5.11944G	3.00	-58.32				-58.32	-55.32	-41.20	-14.12
5190MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.87				-58.87	-55.87	-41.20	-14.67
5190MHz	Pass	5.35G	5.43G	AV	5.37592G	3.00	-56.05				-56.05	-53.05	-41.20	-11.85
5190MHz	Pass	5.43G	8G	AV	5.43996G	3.00	-61.86				-61.86	-58.86	-41.20	-17.66
5190MHz	Pass	1G	5.07G	PK	5.04049G	3.00	-52.02				-52.02	-49.02	-21.20	-27.82
5190MHz	Pass	5.07G	5.15G	PK	5.07032G	3.00	-38.03				-38.03	-35.03	-21.20	-13.83
5190MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-49.49				-49.49	-46.49	-21.20	-25.29
5190MHz	Pass	5.35G	5.43G	PK	5.37608G	3.00	-48.98				-48.98	-45.98	-21.20	-24.78
5190MHz	Pass	5.43G	8G	PK	5.56782G	3.00	-49.70				-49.70	-46.70	-27.00	-19.70
5230MHz	Pass	1G	5.07G	AV	4.99216G	3.00	-57.94				-57.94	-54.94	-41.20	-13.74
5230MHz	Pass	5.07G	5.15G	AV	5.09272G	3.00	-57.90				-57.90	-54.90	-41.20	-13.70
5230MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-57.62				-57.62	-54.62	-41.20	-13.42
5230MHz	Pass	5.35G	5.43G	AV	5.37592G	3.00	-54.71				-54.71	-51.71	-41.20	-10.51
5230MHz	Pass	5.43G	8G	AV	5.43096G	3.00	-58.56				-58.56	-55.56	-41.20	-14.36
5230MHz	Pass	1G	5.07G	PK	5.04965G	3.00	-48.99				-48.99	-45.99	-21.20	-24.79
5230MHz	Pass	5.07G	5.15G	PK	5.11064G	3.00	-35.10				-35.10	-32.10	-21.20	-10.90
5230MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-47.22				-47.22	-44.22	-21.20	-23.02
5230MHz	Pass	5.35G	5.43G	PK	5.35G	3.00	-35.32				-35.32	-32.32	-21.20	-11.12
5230MHz	Pass	5.43G	8G	PK	5.56814G	3.00	-48.02				-48.02	-45.02	-27.00	-18.02
5755MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-59.10				-59.10	-56.10	-41.20	-14.90
5755MHz	Pass	5.93G	8G	AV	7.48431G	3.00	-66.01				-66.01	-63.01	-41.20	-21.81
5755MHz	Pass	1G	5.645G	PK	5.63629G	3.00	-34.58				-34.58	-31.58	-27.00	-4.58
5755MHz	Pass	5.645G	5.725G	PK	5.64948G	3.00	-45.75				-45.75	-42.75	-27.00	-15.75
5755MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.95				-53.95	-50.95	27.00	-77.95
5755MHz	Pass	5.85G	5.93G	PK	5.92968G	3.00	-48.43				-48.43	-45.43	-27.00	-18.43
5755MHz	Pass	5.93G	8G	PK	5.93543G	3.00	-48.03				-48.03	-45.03	-27.00	-18.03
5795MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-58.71				-58.71	-55.71	-41.20	-14.51
5795MHz	Pass	5.93G	8G	AV	7.49621G	3.00	-66.64				-66.64	-63.64	-41.20	-22.44
5795MHz	Pass	1G	5.645G	PK	5.609G	3.00	-47.88				-47.88	-44.88	-27.00	-17.88
5795MHz	Pass	5.645G	5.725G	PK	5.64964G	3.00	-47.75				-47.75	-44.75	-27.00	-17.75
5795MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.52				-53.52	-50.52	27.00	-77.52
5795MHz	Pass	5.85G	5.93G	PK	5.9164G	3.00	-36.29				-36.29	-33.29	-20.64	-12.65
5795MHz	Pass	5.93G	8G	PK	5.95174G	3.00	-46.27				-46.27	-43.27	-27.00	-16.27



**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz) \_P to M\_**  
**P to P**

**Appendix E.2**

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)
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	4.9885G	3.00	-63.22				-63.22	-60.22	-41.20	-19.02
5210MHz	Pass	4.99G	5.15G	AV	5.12568G	3.00	-52.09				-52.09	-49.09	-41.20	-7.89
5210MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-56.87				-56.87	-53.87	-41.20	-12.67
5210MHz	Pass	5.35G	5.51G	AV	5.37592G	3.00	-56.66				-56.66	-53.66	-41.20	-12.46
5210MHz	Pass	5.51G	8G	AV	7.49266G	3.00	-67.04				-67.04	-64.04	-41.20	-22.84
5210MHz	Pass	1G	4.99G	PK	2.90473G	3.00	-58.20				-58.20	-55.20	-27.00	-28.20
5210MHz	Pass	4.99G	5.15G	PK	5.09112G	3.00	-36.52				-36.52	-33.52	-21.20	-12.32
5210MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-47.95				-47.95	-44.95	-21.20	-23.75
5210MHz	Pass	5.35G	5.51G	PK	5.47064G	3.00	-50.51				-50.51	-47.51	-27.00	-20.51
5210MHz	Pass	5.51G	8G	PK	5.65131G	3.00	-50.86				-50.86	-47.86	-27.00	-20.86
5775MHz	Pass	1G	5.565G	AV	5.37612G	3.00	-59.00				-59.00	-56.00	-41.20	-14.80
5775MHz	Pass	6.01G	8G	AV	7.49554G	3.00	-66.62				-66.62	-63.62	-41.20	-22.42
5775MHz	Pass	1G	5.565G	PK	5.5553G	3.00	-46.93				-46.93	-43.93	-27.00	-16.93
5775MHz	Pass	5.565G	5.725G	PK	5.65204G	3.00	-32.33				-32.33	-29.33	-25.49	-3.84
5775MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-52.63				-52.63	-49.63	27.00	-76.63
5775MHz	Pass	5.85G	6.01G	PK	5.92744G	3.00	-37.18				-37.18	-34.18	-27.00	-7.18
5775MHz	Pass	6.01G	8G	PK	6.01299G	3.00	-50.85				-50.85	-47.85	-27.00	-20.85
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.33	-62.40			-59.35	-56.35	-41.20	-15.15
5180MHz	Pass	5.11G	5.15G	AV	5.116G	3.00	-64.93	-62.01			-60.22	-57.22	-41.20	-16.02
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.11	-58.65			-56.31	-53.31	-41.20	-12.11
5180MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-58.72	-58.47			-55.58	-52.58	-41.20	-11.38
5180MHz	Pass	5.39G	8G	AV	5.39G	3.00	-66.32	-60.62			-59.58	-56.58	-41.20	-15.38
5180MHz	Pass	1G	5.11G	PK	4.99389G	3.00	-55.96	-50.98			-49.78	-46.78	-21.20	-25.58
5180MHz	Pass	5.11G	5.15G	PK	5.11504G	3.00	-54.43	-50.97			-49.35	-46.35	-21.20	-25.15
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.83	-49.40			-47.05	-44.05	-21.20	-22.85
5180MHz	Pass	5.35G	5.39G	PK	5.3752G	3.00	-54.19	-47.79			-46.89	-43.89	-21.20	-22.69
5180MHz	Pass	5.39G	8G	PK	5.56813G	3.00	-53.45	-52.05			-49.68	-46.68	-27.00	-19.68
5200MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-59.72	-65.25			-58.65	-55.65	-41.20	-14.45
5200MHz	Pass	5.11G	5.15G	AV	5.11184G	3.00	-62.34	-61.57			-58.93	-55.93	-41.20	-14.73
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-59.63	-58.43			-55.98	-52.98	-41.20	-11.78
5200MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-56.58	-61.37			-55.34	-52.34	-41.20	-11.14
5200MHz	Pass	5.39G	8G	AV	5.39816G	3.00	-62.68	-58.81			-57.32	-54.32	-41.20	-13.12
5200MHz	Pass	1G	5.11G	PK	5.01187G	3.00	-53.72	-52.86			-50.26	-47.26	-21.20	-26.06
5200MHz	Pass	5.11G	5.15G	PK	5.11224G	3.00	-51.74	-52.06			-48.89	-45.89	-21.20	-24.69
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.53	-49.15			-46.78	-43.78	-21.20	-22.58
5200MHz	Pass	5.35G	5.39G	PK	5.3896G	3.00	-50.65	-48.81			-46.62	-43.62	-21.20	-22.42
5200MHz	Pass	5.39G	8G	PK	5.56748G	3.00	-48.45	-53.90			-47.36	-44.36	-27.00	-17.36
5240MHz	Pass	1G	5.11G	AV	5.04938G	3.00	-62.38	-61.57			-58.95	-55.95	-41.20	-14.75
5240MHz	Pass	5.11G	5.15G	AV	5.11376G	3.00	-64.84	-63.70			-61.22	-58.22	-41.20	-17.02
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.92	-59.13			-56.92	-53.92	-41.20	-12.72
5240MHz	Pass	5.35G	5.39G	AV	5.376G	3.00	-58.63	-61.69			-56.89	-53.89	-41.20	-12.69
5240MHz	Pass	5.39G	8G	AV	5.43372G	3.00	-62.51	-59.37			-57.65	-54.65	-41.20	-13.45
5240MHz	Pass	1G	5.11G	PK	5.04886G	3.00	-54.17	-51.61			-49.69	-46.69	-21.20	-25.49
5240MHz	Pass	5.11G	5.15G	PK	5.11976G	3.00	-47.66	-55.48			-47.00	-44.00	-21.20	-22.80
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.00	-48.75			-46.32	-43.32	-21.20	-22.12
5240MHz	Pass	5.35G	5.39G	PK	5.36016G	3.00	-47.36	-51.44			-45.93	-42.93	-21.20	-21.73
5240MHz	Pass	5.39G	8G	PK	5.56781G	3.00	-53.20	-52.76			-49.96	-46.96	-27.00	-19.96
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.42	-59.53			-56.46	-53.46	-41.20	-12.26
5745MHz	Pass	5.89G	8G	AV	7.49703G	3.00	-66.15	-68.08			-64.00	-61.00	-41.20	-19.80
5745MHz	Pass	1G	5.685G	PK	5.54972G	3.00	-50.00	-45.94			-44.50	-41.50	-27.00	-14.50
5745MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-50.18	-48.87			-46.47	-43.47	-1.10	-42.37
5745MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-53.89	-53.83			-50.85	-47.85	27.00	-74.85
5745MHz	Pass	5.85G	5.89G	PK	5.88936G	3.00	-50.56	-49.43			-46.95	-43.95	-0.63	-43.32
5745MHz	Pass	5.89G	8G	PK	5.92904G	3.00	-51.96	-47.15			-45.91	-42.91	-27.00	-15.91
5785MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-60.37	-59.86			-57.10	-54.10	-41.20	-12.90
5785MHz	Pass	5.89G	8G	AV	7.49149G	3.00	-66.80	-67.44			-64.10	-61.10	-41.20	-19.90
5785MHz	Pass	1G	5.685G	PK	5.59657G	3.00	-50.01	-47.35			-45.47	-42.47	-27.00	-15.47
5785MHz	Pass	5.685G	5.725G	PK	5.68524G	3.00	-51.27	-47.69			-46.11	-43.11	-0.92	-42.19
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.65	-53.47			-50.55	-47.55	27.00	-74.55
5785MHz	Pass	5.85G	5.89G	PK	5.88912G	3.00	-51.96	-48.61			-46.96	-43.96	-0.45	-43.51
5785MHz	Pass	5.89G	8G	PK	5.97229G	3.00	-52.30	-48.46			-46.96	-43.96	-27.00	-16.96
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-60.07	-60.09			-57.07	-54.07	-41.20	-12.87
5825MHz	Pass	5.89G	8G	AV	7.49466G	3.00	-66.98	-66.61			-63.78	-60.78	-41.20	-19.58
5825MHz	Pass	1G	5.685G	PK	5.62937G	3.00	-50.02	-46.88			-45.16	-42.16	-27.00	-15.16
5825MHz	Pass	5.685G	5.725G	PK	5.68572G	3.00	-52.63	-49.16			-47.55	-44.55	-0.57	-43.98
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-52.98	-52.96			-49.96	-46.96	27.00	-73.96
5825MHz	Pass	5.85G	5.89G	PK	5.88856G	3.00	-52.47	-46.89			-45.83	-42.83	-0.03	-42.80
5825MHz	Pass	5.89G	8G	PK	5.94618G	3.00	-47.02	-50.01			-45.25	-42.25	-27.00	-15.25



CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz)\_P to M\_  
P to P

Appendix E.2

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-61.99	-62.58			-59.26	-56.26	-41.20	-15.06
5180MHz	Pass	5.11G	5.15G	AV	5.11496G	3.00	-65.10	-61.76			-60.11	-57.11	-41.20	-15.91
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.87	-59.27			-56.99	-53.99	-41.20	-12.79
5180MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-59.30	-58.74			-56.00	-53.00	-41.20	-11.80
5180MHz	Pass	5.39G	8G	AV	5.39261G	3.00	-66.04	-60.85			-59.70	-56.70	-41.20	-15.50
5180MHz	Pass	1G	5.11G	PK	5.09151G	3.00	-55.05	-51.66			-50.02	-47.02	-21.20	-25.82
5180MHz	Pass	5.11G	5.15G	PK	5.11688G	3.00	-55.49	-51.16			-49.80	-46.80	-21.20	-25.60
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.55	-49.37			-47.31	-44.31	-21.20	-23.11
5180MHz	Pass	5.35G	5.39G	PK	5.37584G	3.00	-52.24	-47.33			-46.11	-43.11	-21.20	-21.91
5180MHz	Pass	5.39G	8G	PK	5.56781G	3.00	-52.22	-51.64			-48.91	-45.91	-27.00	-18.91
5200MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-60.26	-66.12			-59.26	-56.26	-41.20	-15.06
5200MHz	Pass	5.11G	5.15G	AV	5.11016G	3.00	-62.09	-62.15			-59.11	-56.11	-41.20	-14.91
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.14	-59.04			-56.54	-53.54	-41.20	-12.34
5200MHz	Pass	5.35G	5.39G	AV	5.37584G	3.00	-56.51	-61.74			-55.37	-52.37	-41.20	-11.17
5200MHz	Pass	5.39G	8G	AV	5.39783G	3.00	-62.26	-59.08			-57.37	-54.37	-41.20	-13.17
5200MHz	Pass	1G	5.11G	PK	5.07763G	3.00	-49.49	-55.86			-48.59	-45.59	-21.20	-24.39
5200MHz	Pass	5.11G	5.15G	PK	5.11056G	3.00	-51.54	-52.07			-48.79	-45.79	-21.20	-24.59
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-49.62	-50.50			-47.03	-44.03	-21.20	-22.83
5200MHz	Pass	5.35G	5.39G	PK	5.38712G	3.00	-50.41	-49.56			-46.95	-43.95	-21.20	-22.75
5200MHz	Pass	5.39G	8G	PK	5.63795G	3.00	-51.44	-52.46			-48.91	-45.91	-27.00	-18.91
5240MHz	Pass	1G	5.11G	AV	5.04475G	3.00	-62.69	-61.81			-59.22	-56.22	-41.20	-15.02
5240MHz	Pass	5.11G	5.15G	AV	5.11408G	3.00	-64.79	-63.80			-61.26	-58.26	-41.20	-17.06
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.65	-59.43			-56.99	-53.99	-41.20	-12.79
5240MHz	Pass	5.35G	5.39G	AV	5.37584G	3.00	-59.16	-61.02			-56.98	-53.98	-41.20	-12.78
5240MHz	Pass	5.39G	8G	AV	5.43535G	3.00	-63.33	-59.87			-58.25	-55.25	-41.20	-14.05
5240MHz	Pass	1G	5.11G	PK	2.92554G	3.00	-58.97	-59.71			-56.31	-53.31	-27.00	-26.31
5240MHz	Pass	5.11G	5.15G	PK	5.1208G	3.00	-48.65	-55.36			-47.81	-44.81	-21.20	-23.61
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.00	-49.37			-47.10	-44.10	-21.20	-22.90
5240MHz	Pass	5.35G	5.39G	PK	5.35896G	3.00	-48.03	-51.82			-46.51	-43.51	-21.20	-22.31
5240MHz	Pass	5.39G	8G	PK	5.56813G	3.00	-51.98	-54.50			-50.05	-47.05	-27.00	-20.05
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.59	-60.40			-56.97	-53.97	-41.20	-12.77
5745MHz	Pass	5.89G	8G	AV	7.49729G	3.00	-66.52	-67.77			-64.09	-61.09	-41.20	-19.89
5745MHz	Pass	1G	5.685G	PK	5.6241G	3.00	-42.25	-51.64			-41.78	-38.78	-27.00	-11.78
5745MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-49.02	-47.32			-45.08	-42.08	-1.10	-40.98
5745MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-53.98	-52.70			-50.28	-47.28	27.00	-74.28
5745MHz	Pass	5.85G	5.89G	PK	5.89G	3.00	-51.52	-48.87			-46.99	-43.99	-1.10	-42.89
5745MHz	Pass	5.89G	8G	PK	5.93378G	3.00	-51.42	-48.40			-46.64	-43.64	-27.00	-16.64
5785MHz	Pass	1G	5.685G	AV	5.37579G	3.00	-58.84	-59.70			-56.24	-53.24	-41.20	-12.04
5785MHz	Pass	5.89G	8G	AV	7.41316G	3.00	-67.62	-67.09			-64.34	-61.34	-41.20	-20.14
5785MHz	Pass	1G	5.685G	PK	5.59716G	3.00	-50.13	-46.47			-44.92	-41.92	-27.00	-14.92
5785MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-50.63	-47.93			-46.06	-43.06	-1.10	-41.96
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.88	-52.07			-49.87	-46.87	27.00	-73.87
5785MHz	Pass	5.85G	5.89G	PK	5.88976G	3.00	-49.94	-48.96			-46.41	-43.41	-0.92	-42.49
5785MHz	Pass	5.89G	8G	PK	5.98073G	3.00	-53.29	-48.26			-47.07	-44.07	-27.00	-17.07
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.07	-60.04			-56.52	-53.52	-41.20	-12.32
5825MHz	Pass	5.89G	8G	AV	7.47118G	3.00	-68.72	-66.10			-64.21	-61.21	-41.20	-20.01
5825MHz	Pass	1G	5.685G	PK	5.62937G	3.00	-49.07	-47.94			-45.46	-42.46	-27.00	-15.46
5825MHz	Pass	5.685G	5.725G	PK	5.68508G	3.00	-51.46	-50.54			-47.97	-44.97	-1.04	-43.93
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-52.49	-52.73			-49.60	-46.60	27.00	-73.60
5825MHz	Pass	5.85G	5.89G	PK	5.88968G	3.00	-50.78	-44.32			-43.44	-40.44	-0.86	-39.58
5825MHz	Pass	5.89G	8G	PK	5.92482G	3.00	-48.54	-49.35			-45.92	-42.92	-26.86	-16.06
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	5.07G	AV	4.99216G	3.00	-62.18	-63.43			-59.75	-56.75	-41.20	-15.55
5190MHz	Pass	5.07G	5.15G	AV	5.10872G	3.00	-63.54	-59.89			-58.33	-55.33	-41.20	-14.13
5190MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.31	-57.93			-55.95	-52.95	-41.20	-11.75
5190MHz	Pass	5.35G	5.43G	AV	5.37608G	3.00	-59.91	-57.72			-55.67	-52.67	-41.20	-11.47
5190MHz	Pass	5.43G	8G	AV	5.44285G	3.00	-65.74	-60.96			-59.71	-56.71	-41.20	-15.51
5190MHz	Pass	1G	5.07G	PK	2.94139G	3.00	-58.42	-60.01			-56.13	-53.13	-27.00	-26.13
5190MHz	Pass	5.07G	5.15G	PK	5.0708G	3.00	-42.62	-52.32			-42.18	-39.18	-21.20	-17.98
5190MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.15	-48.62			-46.31	-43.31	-21.20	-22.11
5190MHz	Pass	5.35G	5.43G	PK	5.37944G	3.00	-53.32	-47.40			-46.41	-43.41	-21.20	-22.21
5190MHz	Pass	5.43G	8G	PK	5.54469G	3.00	-54.21	-51.47			-49.62	-46.62	-27.00	-19.62
5230MHz	Pass	1G	5.07G	AV	5.04609G	3.00	-63.22	-61.93			-59.52	-56.52	-41.20	-15.32
5230MHz	Pass	5.07G	5.15G	AV	5.09608G	3.00	-63.51	-62.17			-59.78	-56.78	-41.20	-15.58
5230MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-59.66	-58.17			-55.84	-52.84	-41.20	-11.64
5230MHz	Pass	5.35G	5.43G	AV	5.37592G	3.00	-58.29	-60.00			-56.05	-53.05	-41.20	-11.85
5230MHz	Pass	5.43G	8G	AV	5.43G	3.00	-63.47	-60.06			-58.43	-55.43	-41.20	-14.23
5230MHz	Pass	1G	5.07G	PK	5.05576G	3.00	-54.21	-52.79			-50.43	-47.43	-21.20	-26.23
5230MHz	Pass	5.07G	5.15G	PK	5.11064G	3.00	-40.99	-52.57			-40.70	-37.70	-21.20	-16.50

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)
5230MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.37	-48.23			-46.16	-43.16	-21.20	-21.96
5230MHz	Pass	5.35G	5.43G	PK	5.35G	3.00	-41.82	-50.15			-41.22	-38.22	-21.20	-17.02
5230MHz	Pass	5.43G	8G	PK	5.61408G	3.00	-54.89	-51.25			-49.69	-46.69	-27.00	-19.69
5755MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-59.18	-59.78			-56.46	-53.46	-41.20	-12.26
5755MHz	Pass	5.93G	8G	AV	7.49026G	3.00	-66.88	-67.54			-64.19	-61.19	-41.20	-19.99
5755MHz	Pass	1G	5.645G	PK	5.6421G	3.00	-47.26	-45.18			-43.09	-40.09	-27.00	-13.09
5755MHz	Pass	5.645G	5.725G	PK	5.64884G	3.00	-47.65	-41.95			-40.91	-37.91	-27.00	-10.91
5755MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-53.23	-53.86			-50.52	-47.52	27.00	-74.52
5755MHz	Pass	5.85G	5.93G	PK	5.92968G	3.00	-48.31	-48.83			-45.55	-42.55	-27.00	-15.55
5755MHz	Pass	5.93G	8G	PK	5.95174G	3.00	-47.98	-50.30			-45.98	-42.98	-27.00	-15.98
5795MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-59.51	-60.04			-56.76	-53.76	-41.20	-12.56
5795MHz	Pass	5.93G	8G	AV	7.48768G	3.00	-66.98	-67.71			-64.32	-61.32	-41.20	-20.12
5795MHz	Pass	1G	5.645G	PK	5.60842G	3.00	-47.09	-48.96			-44.91	-41.91	-27.00	-14.91
5795MHz	Pass	5.645G	5.725G	PK	5.65044G	3.00	-48.24	-45.37			-43.56	-40.56	-26.67	-13.89
5795MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.48	-53.55			-50.50	-47.50	27.00	-74.50
5795MHz	Pass	5.85G	5.93G	PK	5.9284G	3.00	-48.97	-42.14			-41.32	-38.32	-27.00	-11.32
5795MHz	Pass	5.93G	8G	PK	5.93569G	3.00	-50.71	-46.70			-45.25	-42.25	-27.00	-15.25
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	4.98501G	3.00	-62.79	-64.68			-60.62	-57.62	-41.20	-16.42
5210MHz	Pass	4.99G	5.15G	AV	5.12504G	3.00	-56.62	-57.56			-54.05	-51.05	-41.20	-9.85
5210MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-58.30	-57.29			-54.76	-51.76	-41.20	-10.56
5210MHz	Pass	5.35G	5.51G	AV	5.37592G	3.00	-55.95	-58.33			-53.97	-50.97	-41.20	-9.77
5210MHz	Pass	5.51G	8G	AV	7.49889G	3.00	-66.33	-67.17			-63.72	-60.72	-41.20	-19.52
5210MHz	Pass	1G	4.99G	PK	2.98054G	3.00	-58.15	-59.89			-55.92	-52.92	-27.00	-25.92
5210MHz	Pass	4.99G	5.15G	PK	5.0908G	3.00	-36.87	-48.56			-36.59	-33.59	-21.20	-12.39
5210MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-48.32	-46.67			-44.41	-41.41	-21.20	-20.21
5210MHz	Pass	5.35G	5.51G	PK	5.50488G	3.00	-50.68	-51.89			-48.23	-45.23	-27.00	-18.23
5210MHz	Pass	5.51G	8G	PK	5.52992G	3.00	-50.63	-54.18			-49.04	-46.04	-27.00	-19.04
5775MHz	Pass	1G	5.565G	AV	5.37612G	3.00	-60.96	-59.56			-57.19	-54.19	-41.20	-12.99
5775MHz	Pass	6.01G	8G	AV	7.48285G	3.00	-66.72	-67.31			-63.99	-60.99	-41.20	-19.79
5775MHz	Pass	1G	5.565G	PK	5.56443G	3.00	-51.90	-47.74			-46.33	-43.33	-27.00	-16.33
5775MHz	Pass	5.565G	5.725G	PK	5.64692G	3.00	-42.77	-34.95			-34.29	-31.29	-27.00	-4.29
5775MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.38	-53.29			-50.32	-47.32	27.00	-74.32
5775MHz	Pass	5.85G	6.01G	PK	5.93032G	3.00	-46.04	-40.01			-39.04	-36.04	-27.00	-9.04
5775MHz	Pass	6.01G	8G	PK	6.01522G	3.00	-54.98	-49.94			-48.76	-45.76	-27.00	-18.76
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.62	-64.14	-64.81	-61.50	-57.05	-54.05	-41.20	-12.85
5180MHz	Pass	5.11G	5.15G	AV	5.11064G	3.00	-65.27	-62.93	-62.95	-62.75	-57.34	-54.34	-41.20	-13.14
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.64	-59.49	-59.69	-59.86	-53.88	-50.88	-41.20	-9.68
5180MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-58.79	-59.98	-60.58	-57.49	-53.02	-50.02	-41.20	-8.82
5180MHz	Pass	5.39G	8G	AV	5.41055G	3.00	-66.21	-61.12	-62.57	-64.06	-57.08	-54.08	-41.20	-12.88
5180MHz	Pass	1G	5.11G	PK	2.95071G	3.00	-60.51	-58.24	-60.73	-59.66	-53.65	-50.65	-27.00	-23.65
5180MHz	Pass	5.11G	5.15G	PK	5.11096G	3.00	-55.96	-55.98	-53.32	-52.11	-48.00	-45.00	-21.20	-23.80
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.67	-51.22	-49.79	-49.16	-44.12	-41.12	-21.20	-19.92
5180MHz	Pass	5.35G	5.39G	PK	5.37592G	3.00	-52.24	-52.98	-49.98	-49.34	-44.86	-41.86	-21.20	-20.66
5180MHz	Pass	5.39G	8G	PK	5.57433G	3.00	-57.80	-56.34	-54.04	-50.38	-47.67	-44.67	-27.00	-17.67
5200MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.52	-65.12	-64.91	-61.92	-57.37	-54.37	-41.20	-13.17
5200MHz	Pass	5.11G	5.15G	AV	5.1108G	3.00	-64.72	-62.92	-62.74	-63.32	-57.34	-54.34	-41.20	-13.14
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.49	-59.74	-59.53	-60.22	-53.96	-50.96	-41.20	-9.76
5200MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-59.70	-61.86	-62.57	-58.24	-54.23	-51.23	-41.20	-10.03
5200MHz	Pass	5.39G	8G	AV	5.39259G	3.00	-65.64	-61.43	-61.25	-62.24	-56.31	-53.31	-41.20	-12.11
5200MHz	Pass	1G	5.11G	PK	2.93838G	3.00	-58.16	-60.34	-60.10	-61.57	-53.84	-50.84	-27.00	-23.84
5200MHz	Pass	5.11G	5.15G	PK	5.1116G	3.00	-54.55	-50.63	-54.29	-53.59	-46.93	-43.93	-21.20	-22.73
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-49.90	-48.92	-49.78	-49.25	-43.42	-40.42	-21.20	-19.22
5200MHz	Pass	5.35G	5.39G	PK	5.3876G	3.00	-55.43	-48.48	-51.20	-51.35	-44.95	-41.95	-21.20	-20.75
5200MHz	Pass	5.39G	8G	PK	5.605G	3.00	-55.42	-52.96	-54.01	-52.76	-47.65	-44.65	-27.00	-17.65
5240MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.72	-65.27	-65.86	-62.03	-57.65	-54.65	-41.20	-13.45
5240MHz	Pass	5.11G	5.15G	AV	5.11032G	3.00	-65.06	-64.67	-65.15	-64.15	-58.72	-55.72	-41.20	-14.52
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-61.13	-59.03	-59.00	-60.26	-53.74	-50.74	-41.20	-9.54
5240MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-59.26	-61.64	-61.71	-58.84	-54.14	-51.14	-41.20	-9.94
5240MHz	Pass	5.39G	8G	AV	5.43404G	3.00	-64.77	-61.05	-61.19	-62.27	-56.07	-53.07	-41.20	-11.87
5240MHz	Pass	1G	5.11G	PK	2.98051G	3.00	-61.38	-62.54	-57.67	-59.80	-53.93	-50.93	-27.00	-23.93
5240MHz	Pass	5.11G	5.15G	PK	5.11968G	3.00	-48.96	-55.66	-54.98	-56.15	-46.77	-43.77	-21.20	-22.57
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.53	-48.97	-49.88	-50.07	-43.80	-40.80	-21.20	-19.60
5240MHz	Pass	5.35G	5.39G	PK	5.35944G	3.00	-47.79	-52.64	-52.44	-53.58	-44.93	-41.93	-21.20	-20.73
5240MHz	Pass	5.39G	8G	PK	5.56813G	3.00	-51.38	-54.02	-56.12	-55.95	-47.90	-44.90	-27.00	-17.90
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.63	-59.77	-59.25	-57.86	-53.04	-50.04	-41.20	-8.84
5745MHz	Pass	5.89G	8G	AV	7.48833G	3.00	-68.17	-66.97	-67.17	-66.99	-61.28	-58.28	-41.20	-17.08
5745MHz	Pass	1G	5.685G	PK	5.64986G	3.00	-48.51	-46.42	-44.96	-49.41	-40.95	-37.95	-27.00	-10.95
5745MHz	Pass	5.685G	5.725G	PK	5.68516G	3.00	-51.04	-48.67	-46.84	-46.71	-41.97	-38.97	-0.98	-37.99



**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz) \_P to M\_ P to P**

**Appendix E.2**

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)
5745MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.14	-53.04	-54.33	-53.33	-47.41	-44.41	27.00	-71.41
5745MHz	Pass	5.85G	5.89G	PK	5.88968G	3.00	-50.55	-50.38	-47.16	-51.35	-43.51	-40.51	-0.86	-39.65
5745MHz	Pass	5.89G	8G	PK	5.93906G	3.00	-53.50	-49.61	-45.75	-53.40	-43.32	-40.32	-27.00	-13.32
5785MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.75	-60.98	-59.13	-57.53	-53.15	-50.15	-41.20	-8.95
5785MHz	Pass	5.89G	8G	AV	7.49466G	3.00	-66.24	-67.93	-67.27	-67.90	-61.26	-58.26	-41.20	-17.06
5785MHz	Pass	1G	5.685G	PK	5.58954G	3.00	-50.02	-47.62	-51.10	-50.93	-43.66	-40.66	-27.00	-13.66
5785MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-48.52	-45.15	-45.19	-48.43	-40.49	-37.49	-1.10	-36.39
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.72	-52.90	-52.55	-53.74	-47.18	-44.18	27.00	-71.18
5785MHz	Pass	5.85G	5.89G	PK	5.88728G	3.00	-48.25	-45.73	-44.05	-49.16	-40.31	-37.31	0.91	-38.22
5785MHz	Pass	5.89G	8G	PK	5.97493G	3.00	-51.15	-51.20	-47.29	-52.78	-44.07	-41.07	-27.00	-14.07
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.52	-60.39	-58.57	-57.36	-52.79	-49.79	-41.20	-8.59
5825MHz	Pass	5.89G	8G	AV	7.49149G	3.00	-67.90	-67.75	-65.94	-67.79	-61.24	-58.24	-41.20	-17.04
5825MHz	Pass	1G	5.685G	PK	5.63229G	3.00	-50.07	-47.75	-50.52	-51.69	-43.74	-40.74	-27.00	-13.74
5825MHz	Pass	5.685G	5.725G	PK	5.68516G	3.00	-51.81	-49.92	-47.86	-50.21	-43.70	-40.70	-0.98	-39.72
5825MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-53.61	-54.15	-53.32	-53.18	-47.53	-44.53	27.00	-71.53
5825MHz	Pass	5.85G	5.89G	PK	5.88792G	3.00	-50.94	-49.51	-40.96	-48.89	-39.50	-36.50	0.44	-36.94
5825MHz	Pass	5.89G	8G	PK	5.9264G	3.00	-49.76	-46.52	-44.17	-51.46	-41.06	-38.06	-27.00	-11.06
802.11ax HEW20_Nss1,(MCS0)_4TX														
5180MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.05	-64.37	-64.04	-61.49	-56.79	-53.79	-41.20	-12.59
5180MHz	Pass	5.11G	5.15G	AV	5.11024G	3.00	-65.58	-62.86	-62.44	-63.78	-57.49	-54.49	-41.20	-13.29
5180MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.87	-59.27	-58.90	-60.03	-53.68	-50.68	-41.20	-9.48
5180MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-59.83	-60.23	-60.80	-57.68	-53.44	-50.44	-41.20	-9.24
5180MHz	Pass	5.39G	8G	AV	5.40142G	3.00	-67.28	-62.06	-62.21	-62.69	-57.10	-54.10	-41.20	-12.90
5180MHz	Pass	1G	5.11G	PK	2.97434G	3.00	-59.46	-60.88	-58.76	-61.56	-54.00	-51.00	-27.00	-24.00
5180MHz	Pass	5.11G	5.15G	PK	5.12264G	3.00	-55.32	-52.62	-53.74	-52.23	-47.30	-44.30	-21.20	-23.10
5180MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.67	-49.82	-49.05	-49.54	-43.89	-40.89	-21.20	-19.69
5180MHz	Pass	5.35G	5.39G	PK	5.37616G	3.00	-52.69	-50.85	-50.08	-49.08	-44.46	-41.46	-21.20	-20.26
5180MHz	Pass	5.39G	8G	PK	5.57759G	3.00	-56.62	-51.44	-53.63	-53.69	-47.46	-44.46	-27.00	-17.46
5200MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.14	-65.14	-64.92	-61.88	-57.24	-54.24	-41.20	-13.04
5200MHz	Pass	5.11G	5.15G	AV	5.11144G	3.00	-65.43	-63.16	-63.08	-63.06	-57.56	-54.56	-41.20	-13.36
5200MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-61.35	-59.53	-60.17	-59.92	-54.17	-51.17	-41.20	-9.97
5200MHz	Pass	5.35G	5.39G	AV	5.37594G	3.00	-60.08	-61.87	-62.05	-58.04	-54.17	-51.17	-41.20	-9.97
5200MHz	Pass	5.39G	8G	AV	5.39946G	3.00	-65.51	-61.89	-61.13	-62.25	-56.39	-53.39	-41.20	-12.19
5200MHz	Pass	1G	5.11G	PK	2.98821G	3.00	-58.31	-62.27	-59.96	-60.24	-53.95	-50.95	-27.00	-23.95
5200MHz	Pass	5.11G	5.15G	PK	5.11272G	3.00	-56.35	-52.27	-52.35	-54.05	-47.45	-44.45	-21.20	-23.25
5200MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.82	-50.22	-50.49	-50.69	-44.53	-41.53	-21.20	-20.33
5200MHz	Pass	5.35G	5.39G	PK	5.38696G	3.00	-55.81	-50.42	-50.84	-51.49	-45.68	-42.68	-21.20	-21.48
5200MHz	Pass	5.39G	8G	PK	5.56781G	3.00	-54.00	-55.16	-53.17	-52.44	-47.56	-44.56	-27.00	-17.56
5240MHz	Pass	1G	5.11G	AV	4.99235G	3.00	-62.25	-65.86	-64.42	-61.96	-57.32	-54.32	-41.20	-13.12
5240MHz	Pass	5.11G	5.15G	AV	5.1144G	3.00	-65.28	-64.91	-64.39	-65.08	-58.88	-55.88	-41.20	-14.68
5240MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-61.04	-59.07	-59.96	-59.90	-53.92	-50.92	-41.20	-9.72
5240MHz	Pass	5.35G	5.39G	AV	5.37592G	3.00	-58.56	-62.01	-62.05	-59.01	-54.09	-51.09	-41.20	-9.89
5240MHz	Pass	5.39G	8G	AV	5.42719G	3.00	-64.44	-61.49	-62.15	-62.32	-56.45	-53.45	-41.20	-12.25
5240MHz	Pass	1G	5.11G	PK	2.92297G	3.00	-59.92	-59.04	-59.10	-62.45	-53.91	-50.91	-27.00	-23.91
5240MHz	Pass	5.11G	5.15G	PK	5.11944G	3.00	-48.99	-55.50	-55.15	-55.39	-46.70	-43.70	-21.20	-22.50
5240MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-50.51	-49.54	-49.87	-50.85	-44.14	-41.14	-21.20	-19.94
5240MHz	Pass	5.35G	5.39G	PK	5.3612G	3.00	-49.33	-51.19	-51.94	-53.36	-45.19	-42.19	-21.20	-20.99
5240MHz	Pass	5.39G	8G	PK	5.56781G	3.00	-52.16	-53.75	-55.70	-54.66	-47.85	-44.85	-27.00	-17.85
5745MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.41	-60.61	-58.58	-57.77	-52.95	-49.95	-41.20	-8.75
5745MHz	Pass	5.89G	8G	AV	7.49386G	3.00	-68.07	-67.57	-67.86	-66.04	-61.29	-58.29	-41.20	-17.09
5745MHz	Pass	1G	5.685G	PK	5.64049G	3.00	-46.92	-45.23	-44.93	-50.55	-40.40	-37.40	-27.00	-10.40
5745MHz	Pass	5.685G	5.725G	PK	5.68596G	3.00	-49.42	-47.98	-45.54	-39.89	-38.02	-35.02	-0.39	-34.63
5745MHz	Pass	5.725G	5.85G	PK	5.725G	3.00	-54.27	-52.73	-53.14	-52.58	-47.11	-44.11	27.00	-71.11
5745MHz	Pass	5.85G	5.89G	PK	5.89G	3.00	-51.60	-50.87	-48.46	-51.85	-44.45	-41.45	-1.10	-40.35
5745MHz	Pass	5.89G	8G	PK	5.93431G	3.00	-51.86	-49.78	-46.57	-52.84	-43.54	-40.54	-27.00	-13.54
5785MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-59.19	-60.90	-58.61	-57.64	-52.91	-49.91	-41.20	-8.71
5785MHz	Pass	5.89G	8G	AV	7.49413G	3.00	-67.93	-67.45	-67.14	-67.54	-61.49	-58.49	-41.20	-17.29
5785MHz	Pass	1G	5.685G	PK	5.58954G	3.00	-48.70	-48.19	-50.97	-51.30	-43.56	-40.56	-27.00	-13.56
5785MHz	Pass	5.685G	5.725G	PK	5.6854G	3.00	-49.07	-45.49	-46.34	-47.13	-40.80	-37.80	-0.80	-37.00
5785MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-54.18	-53.83	-53.29	-54.00	-47.79	-44.79	27.00	-71.79
5785MHz	Pass	5.85G	5.89G	PK	5.88976G	3.00	-47.86	-45.78	-44.16	-49.85	-40.39	-37.39	-0.92	-36.47
5785MHz	Pass	5.89G	8G	PK	5.97282G	3.00	-51.28	-50.82	-46.98	-50.05	-43.40	-40.40	-27.00	-13.40
5825MHz	Pass	1G	5.685G	AV	5.37638G	3.00	-60.39	-60.64	-58.41	-57.07	-52.85	-49.85	-41.20	-8.65
5825MHz	Pass	5.89G	8G	AV	7.49808G	3.00	-67.66	-67.30	-66.97	-67.98	-61.44	-58.44	-41.20	-17.24
5825MHz	Pass	1G	5.685G	PK	5.64108G	3.00	-48.88	-49.06	-51.46	-50.63	-43.86	-40.86	-27.00	-13.86
5825MHz	Pass	5.685G	5.725G	PK	5.685G	3.00	-53.94	-50.53	-49.72	-49.84	-44.69	-41.69	-1.10	-40.59
5825MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.86	-53.29	-54.07	-53.47	-47.64	-44.64	27.00	-71.64
5825MHz	Pass	5.85G	5.89G	PK	5.89G	3.00	-51.69	-48.14	-47.69	-50.40	-43.16	-40.16	-1.10	-39.06
5825MHz	Pass	5.89G	8G	PK	5.9264G	3.00	-50.66	-47.60	-44.32	-50.50	-41.43	-38.43	-27.00	-11.43
802.11ax HEW40_Nss1,(MCS0)_4TX														

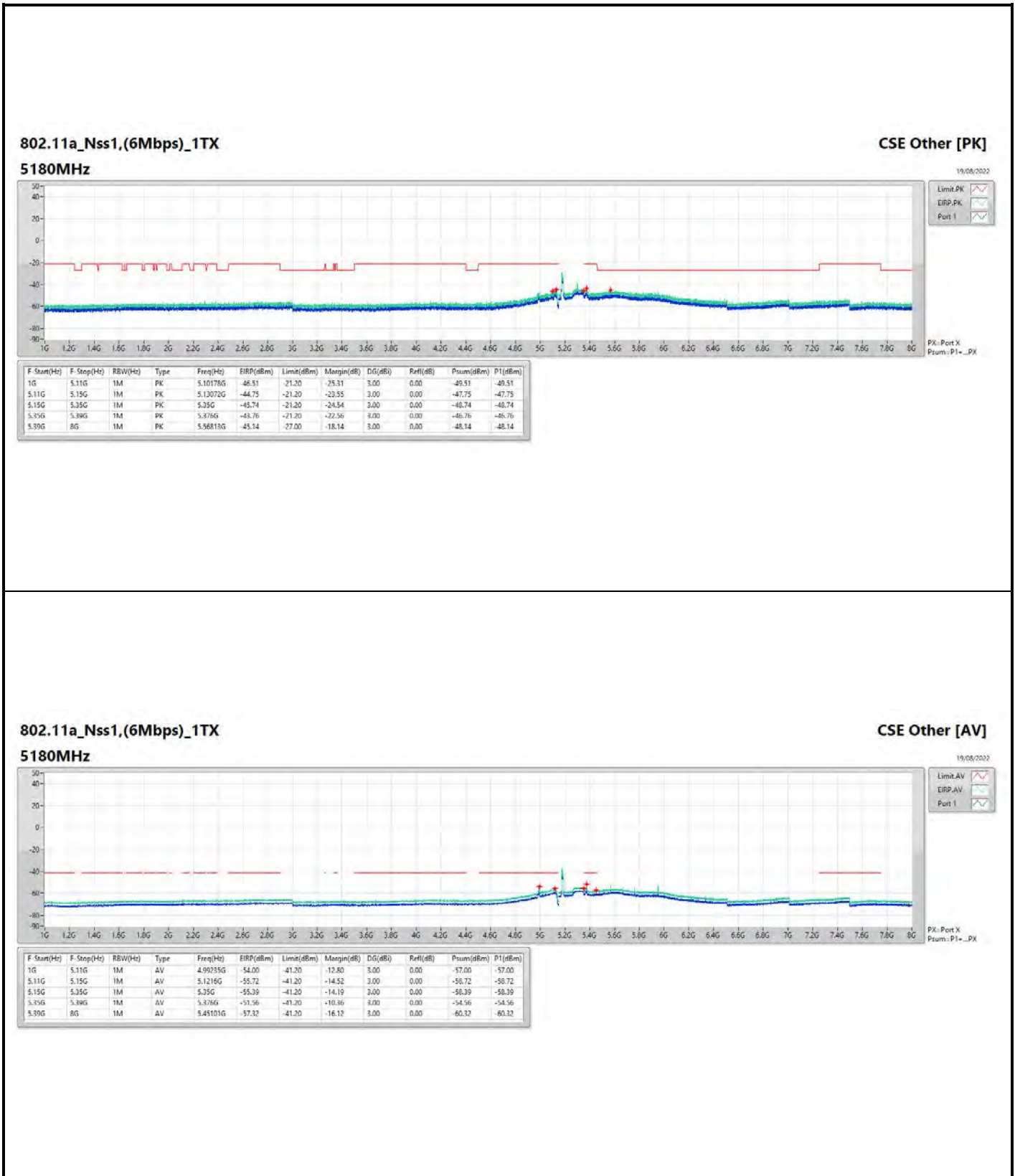


**CSE\_Iron R1\_Antenna set 3 (Harmonic 1GHz ~ 8GHz) \_P to M\_ P to P**

**Appendix E.2**

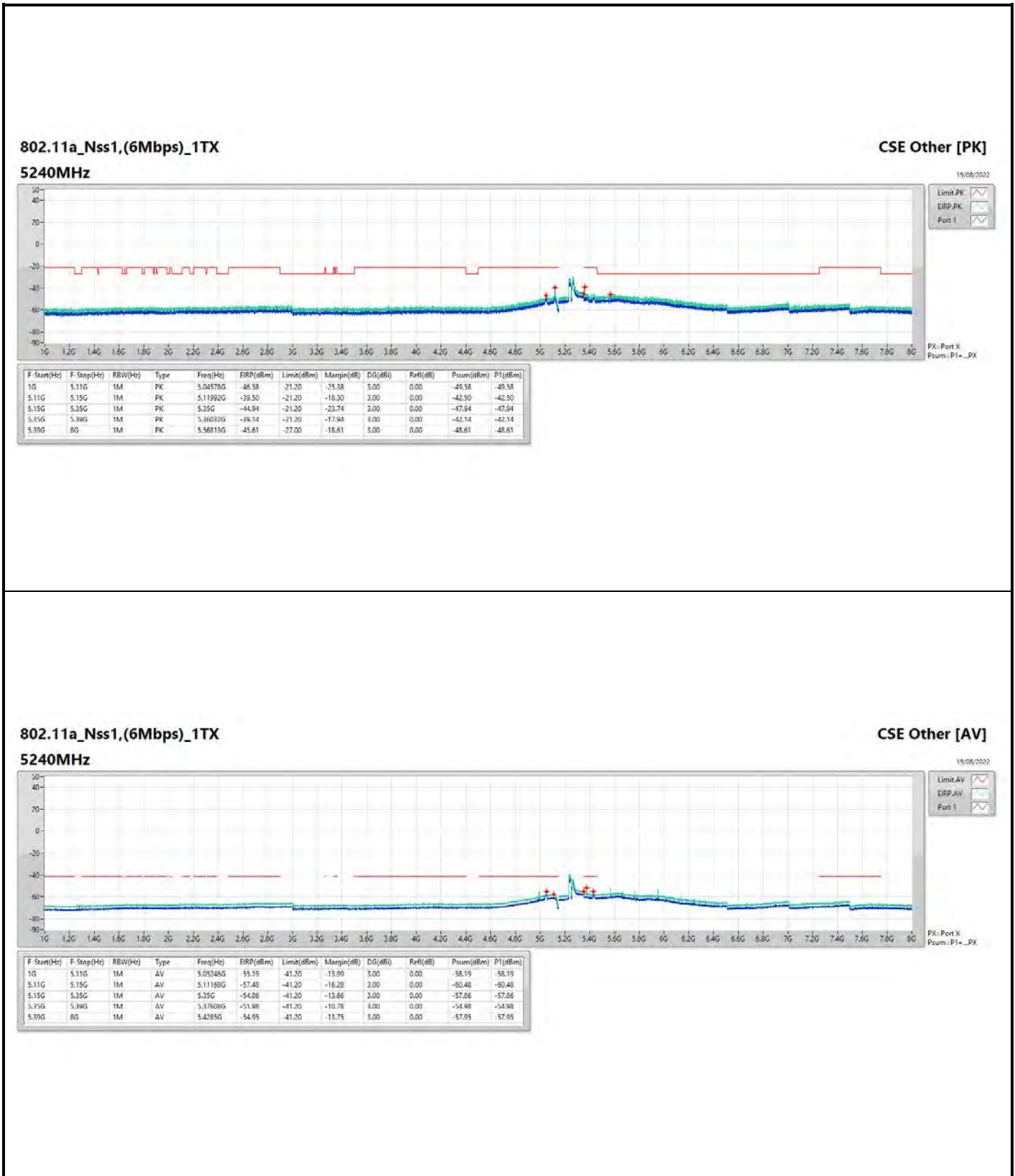
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5190MHz	Pass	1G	5.07G	AV	4.99216G	3.00	-65.40	-67.02	-66.13	-62.48	-58.87	-55.87	-41.20	-14.67
5190MHz	Pass	5.07G	5.15G	AV	5.10616G	3.00	-67.13	-64.65	-65.65	-65.18	-59.54	-56.54	-41.20	-15.34
5190MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-62.00	-60.72	-60.54	-60.65	-54.92	-51.92	-41.20	-10.72
5190MHz	Pass	5.35G	5.43G	AV	5.37592G	3.00	-62.28	-63.22	-62.79	-62.24	-56.59	-53.59	-41.20	-12.39
5190MHz	Pass	5.43G	8G	AV	5.43G	3.00	-66.80	-65.18	-66.21	-66.73	-60.16	-57.16	-41.20	-15.96
5190MHz	Pass	1G	5.07G	PK	2.96886G	3.00	-62.03	-58.87	-59.15	-59.85	-53.79	-50.79	-27.00	-23.79
5190MHz	Pass	5.07G	5.15G	PK	5.07032G	3.00	-47.09	-56.17	-57.49	-56.78	-45.88	-42.88	-21.20	-21.68
5190MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.47	-50.86	-50.79	-50.61	-44.90	-41.90	-21.20	-20.70
5190MHz	Pass	5.35G	5.43G	PK	5.3756G	3.00	-55.82	-53.79	-52.83	-53.04	-47.70	-44.70	-21.20	-23.50
5190MHz	Pass	5.43G	8G	PK	5.66387G	3.00	-59.22	-56.06	-57.47	-55.00	-50.64	-47.64	-27.00	-20.64
5230MHz	Pass	1G	5.07G	AV	4.99216G	3.00	-62.48	-65.59	-65.08	-62.56	-57.68	-54.68	-41.20	-13.48
5230MHz	Pass	5.07G	5.15G	AV	5.08584G	3.00	-61.77	-63.15	-64.22	-63.66	-57.08	-54.08	-41.20	-12.88
5230MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-60.22	-58.77	-58.93	-59.12	-53.20	-50.20	-41.20	-9.00
5230MHz	Pass	5.35G	5.43G	AV	5.37592G	3.00	-58.73	-60.84	-60.56	-58.82	-53.61	-50.61	-41.20	-9.41
5230MHz	Pass	5.43G	8G	AV	5.43386G	3.00	-64.68	-61.31	-61.36	-64.13	-56.58	-53.58	-41.20	-12.38
5230MHz	Pass	1G	5.07G	PK	2.94648G	3.00	-59.81	-61.54	-60.26	-58.55	-53.89	-50.89	-27.00	-23.89
5230MHz	Pass	5.07G	5.15G	PK	5.11032G	3.00	-41.59	-53.62	-54.14	-54.17	-40.90	-37.90	-21.20	-16.70
5230MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.03	-49.85	-48.91	-48.92	-43.57	-40.57	-21.20	-19.37
5230MHz	Pass	5.35G	5.43G	PK	5.35048G	3.00	-42.32	-50.16	-52.19	-51.81	-40.92	-37.92	-21.20	-16.72
5230MHz	Pass	5.43G	8G	PK	5.6144G	3.00	-55.04	-52.50	-54.48	-54.39	-47.97	-44.97	-27.00	-17.97
5755MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-60.46	-60.80	-59.91	-57.37	-53.39	-50.39	-41.20	-9.19
5755MHz	Pass	5.93G	8G	AV	7.49803G	3.00	-67.53	-67.09	-68.08	-67.49	-61.51	-58.51	-41.20	-17.31
5755MHz	Pass	1G	5.645G	PK	5.63687G	3.00	-40.19	-49.84	-52.03	-49.58	-39.09	-36.09	-27.00	-9.09
5755MHz	Pass	5.645G	5.725G	PK	5.645G	3.00	-49.18	-46.04	-46.27	-45.87	-40.63	-37.63	-27.00	-10.63
5755MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-52.44	-52.98	-53.25	-52.43	-46.74	-43.74	27.00	-7.74
5755MHz	Pass	5.85G	5.93G	PK	5.92904G	3.00	-52.60	-48.70	-47.32	-51.10	-43.44	-40.44	-27.00	-13.44
5755MHz	Pass	5.93G	8G	PK	5.95199G	3.00	-50.69	-50.40	-49.71	-50.57	-44.30	-41.30	-27.00	-14.30
5795MHz	Pass	1G	5.645G	AV	5.37617G	3.00	-60.71	-60.15	-59.43	-56.76	-52.95	-49.95	-41.20	-8.75
5795MHz	Pass	5.93G	8G	AV	7.48509G	3.00	-67.41	-67.00	-67.78	-67.75	-61.45	-58.45	-41.20	-17.25
5795MHz	Pass	1G	5.645G	PK	5.61132G	3.00	-52.71	-47.74	-49.42	-51.61	-43.92	-40.92	-27.00	-13.92
5795MHz	Pass	5.645G	5.725G	PK	5.64772G	3.00	-51.13	-48.31	-49.48	-46.06	-42.33	-39.33	-27.00	-12.33
5795MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.29	-52.34	-53.86	-53.01	-47.07	-44.07	27.00	-7.07
5795MHz	Pass	5.85G	5.93G	PK	5.92968G	3.00	-51.76	-47.83	-48.13	-49.82	-43.10	-40.10	-27.00	-13.10
5795MHz	Pass	5.93G	8G	PK	5.93129G	3.00	-52.13	-47.92	-49.62	-51.66	-43.98	-40.98	-27.00	-13.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	4.98501G	3.00	-68.36	-66.83	-67.29	-66.12	-61.05	-58.05	-41.20	-16.85
5210MHz	Pass	4.99G	5.15G	AV	5.12824G	3.00	-66.04	-64.75	-62.47	-63.98	-58.10	-55.10	-41.20	-13.90
5210MHz	Pass	5.15G	5.35G	AV	5.35G	3.00	-61.10	-59.84	-60.31	-60.16	-54.31	-51.31	-41.20	-10.11
5210MHz	Pass	5.35G	5.51G	AV	5.37592G	3.00	-62.92	-63.33	-63.22	-61.80	-56.75	-53.75	-41.20	-12.55
5210MHz	Pass	5.51G	8G	AV	7.48426G	3.00	-67.82	-66.57	-67.29	-68.11	-61.39	-58.39	-41.20	-17.19
5210MHz	Pass	1G	4.99G	PK	2.97904G	3.00	-57.38	-60.57	-60.27	-60.81	-53.49	-50.49	-27.00	-23.49
5210MHz	Pass	4.99G	5.15G	PK	5.08984G	3.00	-45.50	-56.60	-56.07	-56.48	-44.55	-41.55	-21.20	-20.35
5210MHz	Pass	5.15G	5.35G	PK	5.35G	3.00	-51.75	-50.25	-50.60	-51.00	-44.84	-41.84	-21.20	-20.64
5210MHz	Pass	5.35G	5.51G	PK	5.48664G	3.00	-58.08	-55.24	-55.08	-54.86	-49.62	-46.62	-27.00	-19.62
5210MHz	Pass	5.51G	8G	PK	5.66594G	3.00	-59.80	-56.73	-55.67	-55.38	-50.57	-47.57	-27.00	-20.57
5775MHz	Pass	1G	5.565G	AV	5.37612G	3.00	-60.84	-62.84	-59.39	-59.47	-54.41	-51.41	-41.20	-10.21
5775MHz	Pass	6.01G	8G	AV	7.49379G	3.00	-67.49	-67.35	-67.37	-67.17	-61.32	-58.32	-41.20	-17.12
5775MHz	Pass	1G	5.565G	PK	5.55929G	3.00	-52.75	-52.71	-48.60	-54.54	-45.53	-42.53	-27.00	-15.53
5775MHz	Pass	5.565G	5.725G	PK	5.64916G	3.00	-49.68	-47.91	-44.48	-40.50	-38.19	-35.19	-27.00	-8.19
5775MHz	Pass	5.725G	5.85G	PK	5.85G	3.00	-53.60	-53.32	-53.45	-53.14	-47.35	-44.35	27.00	-7.35
5775MHz	Pass	5.85G	6.01G	PK	5.93032G	3.00	-50.21	-49.46	-44.23	-50.83	-41.75	-38.75	-27.00	-11.75
5775MHz	Pass	6.01G	8G	PK	6.01199G	3.00	-54.58	-55.75	-51.26	-54.52	-47.66	-44.66	-27.00	-17.66

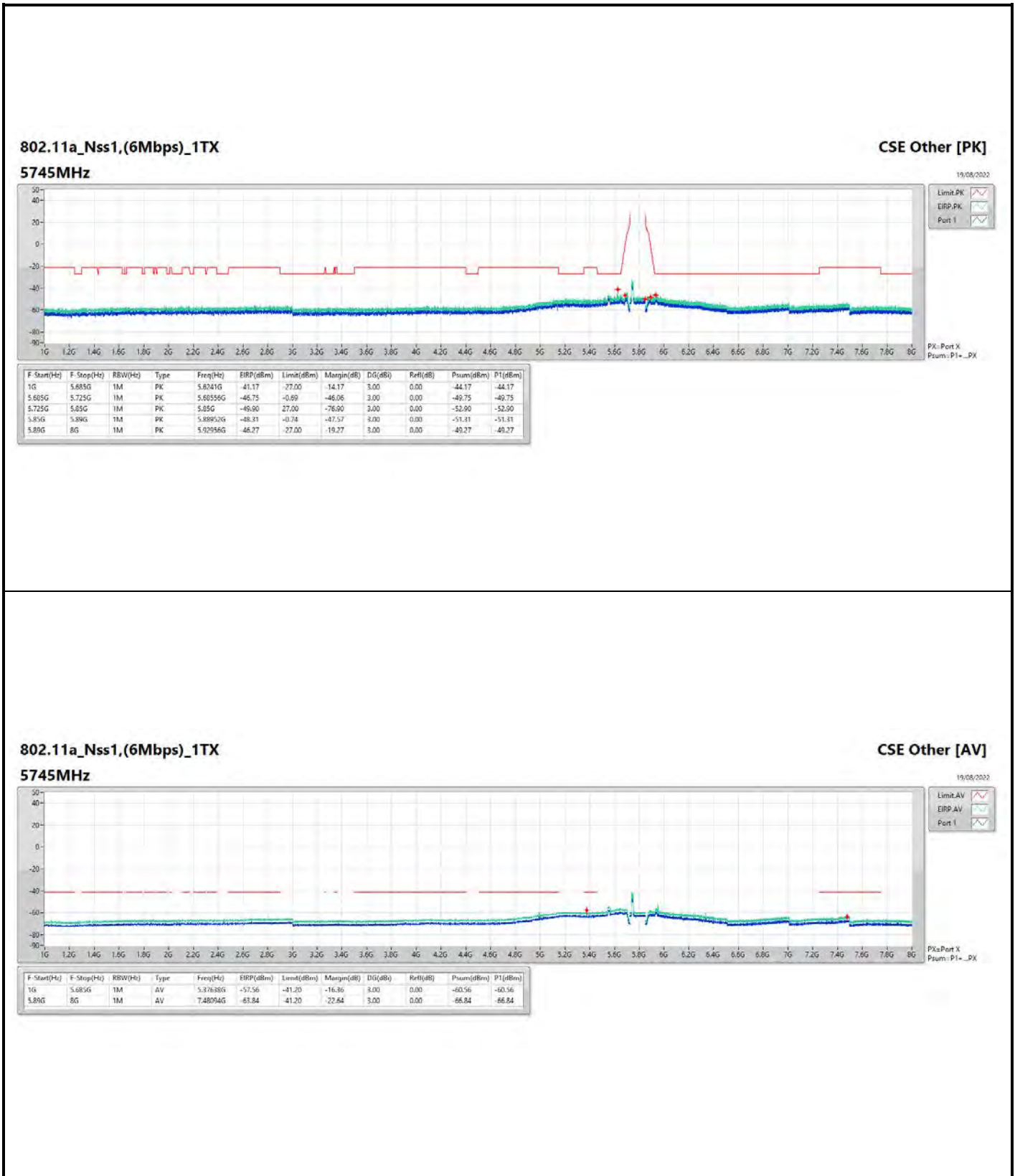
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



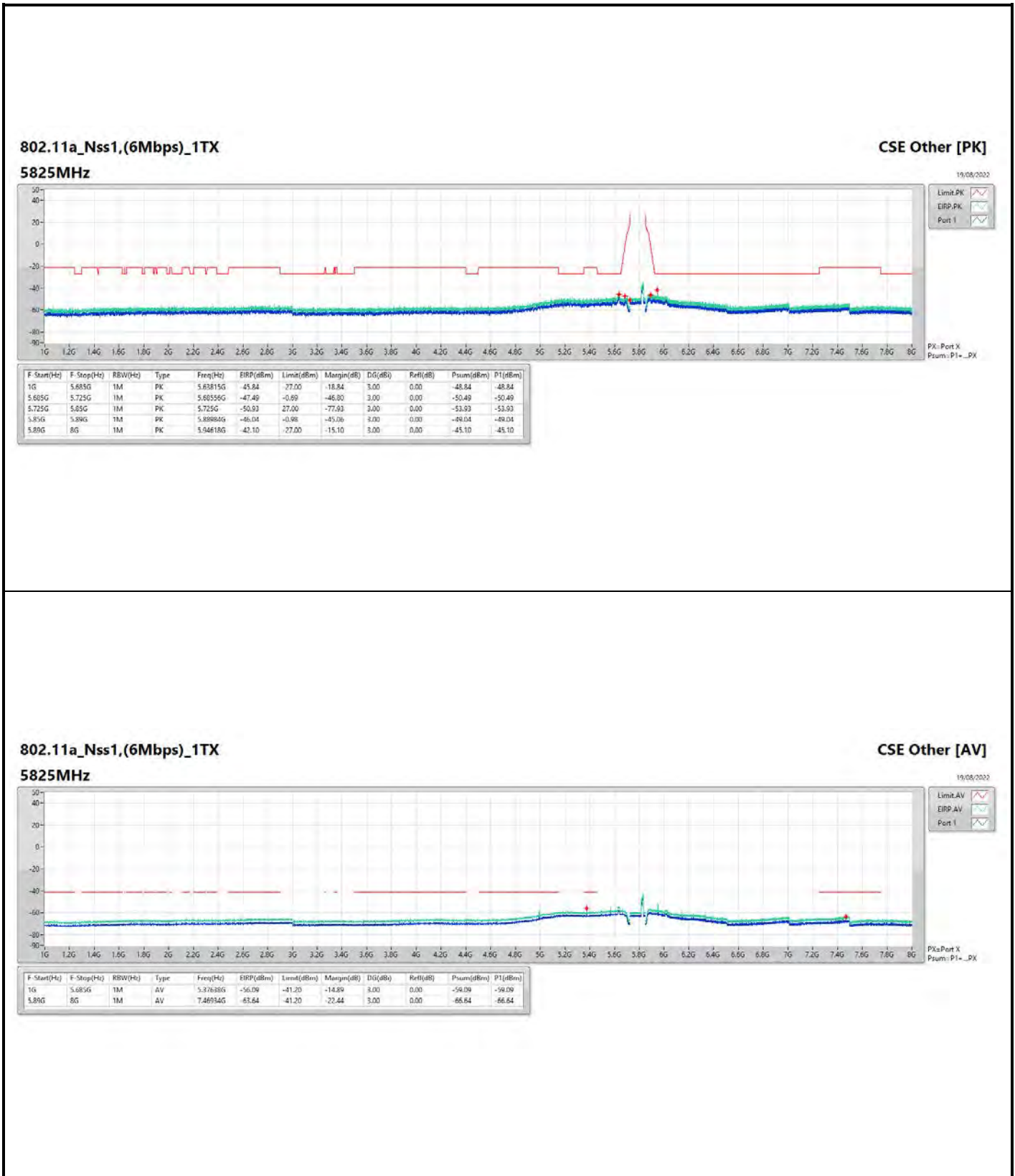


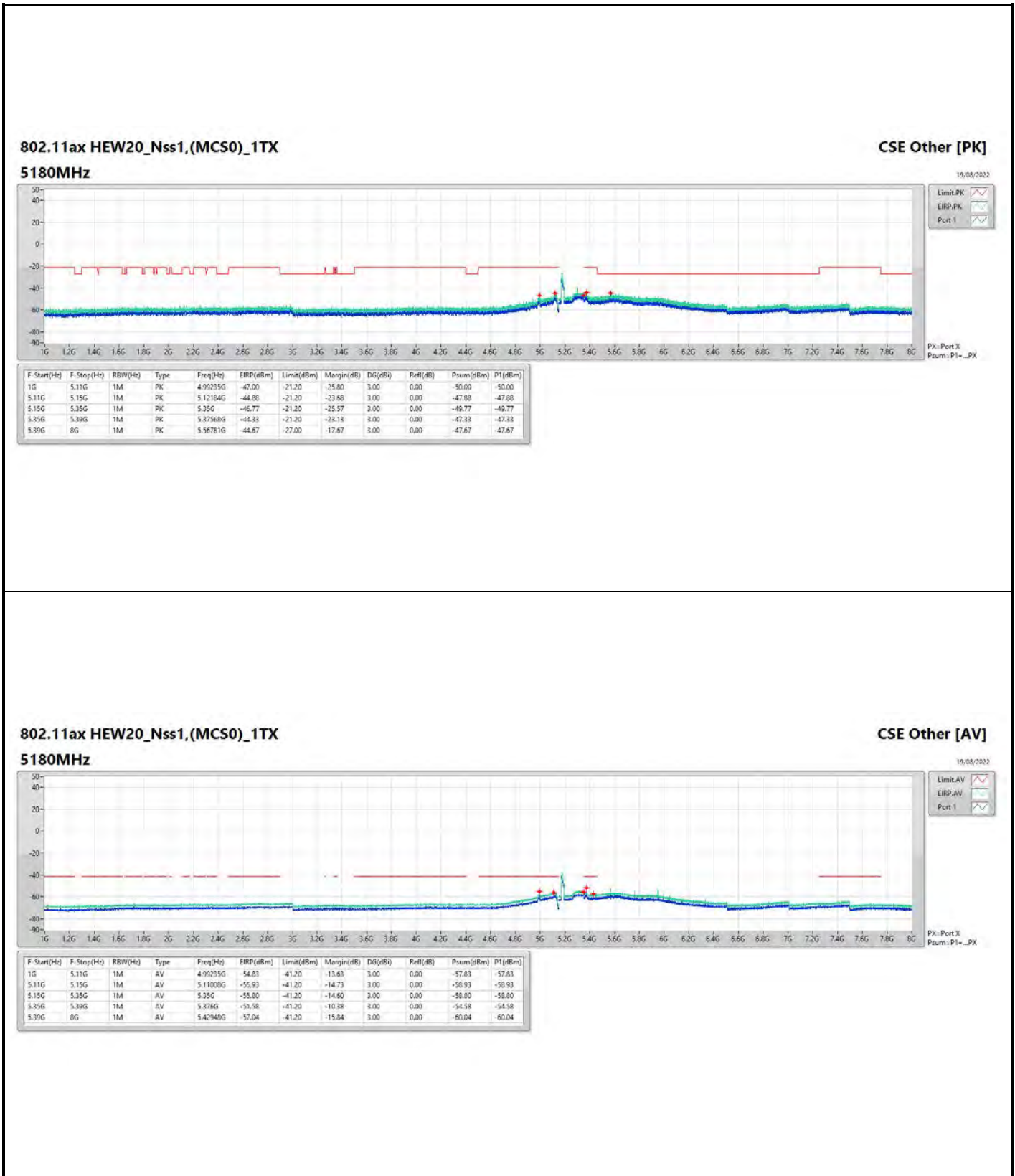




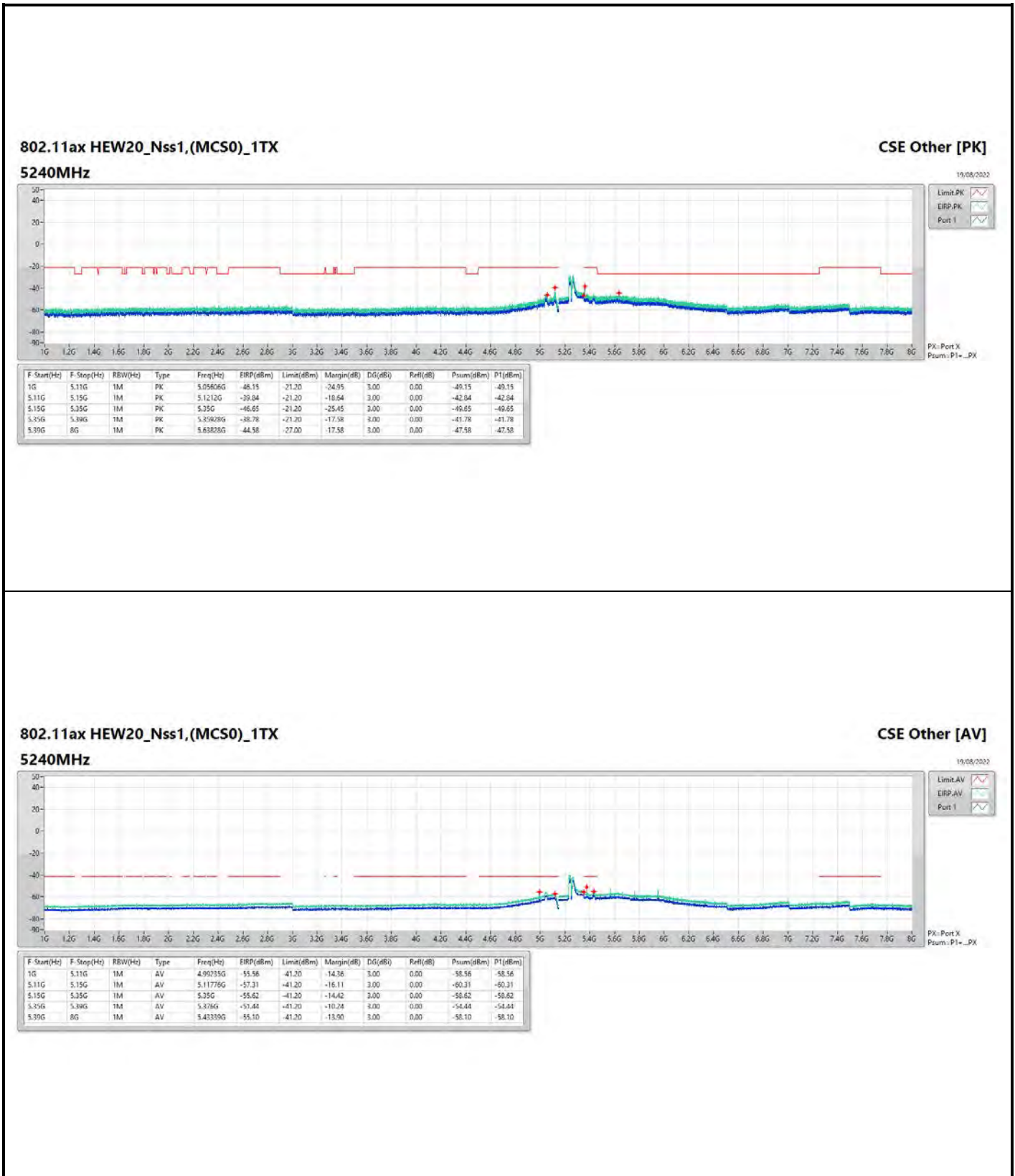




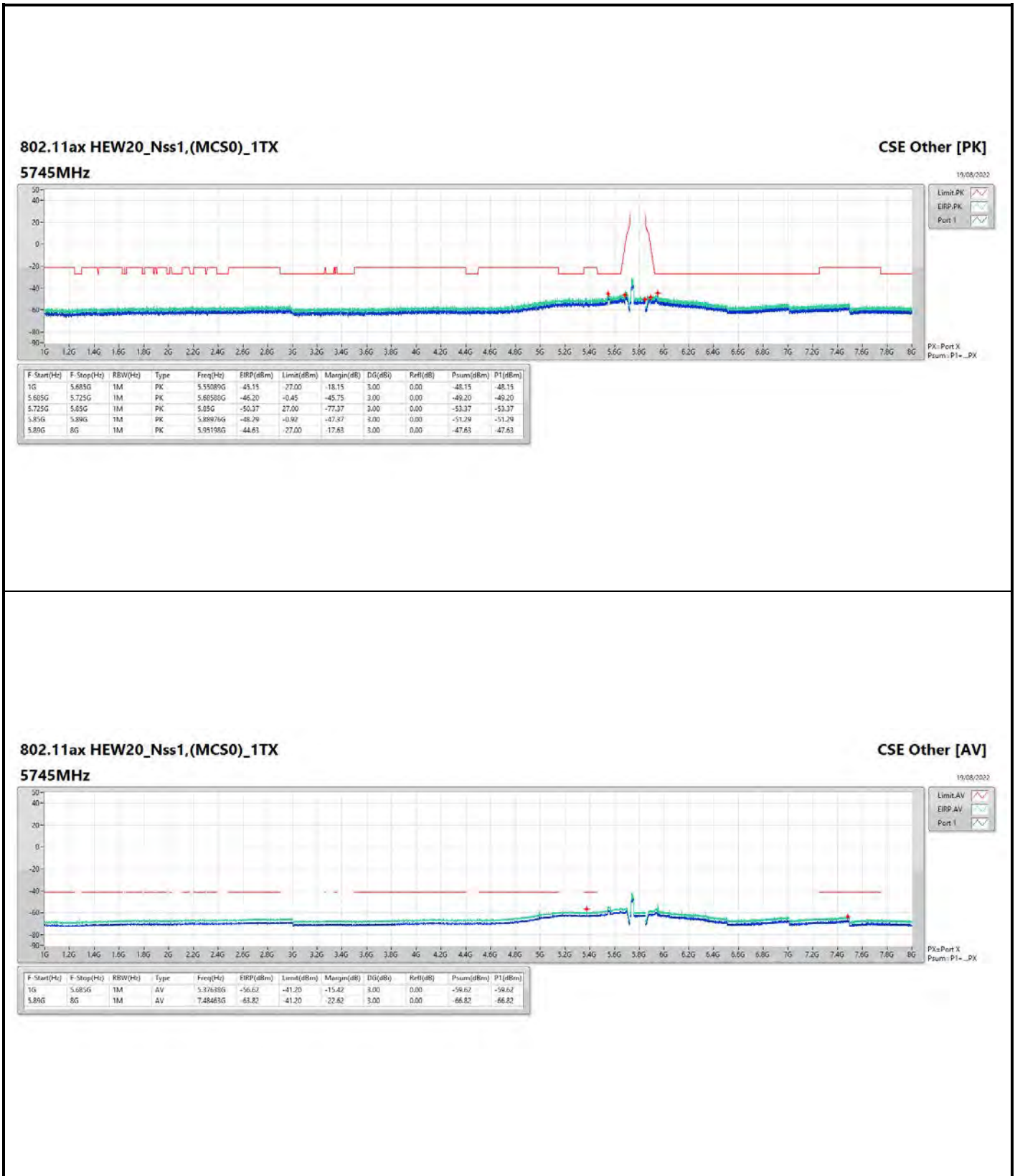


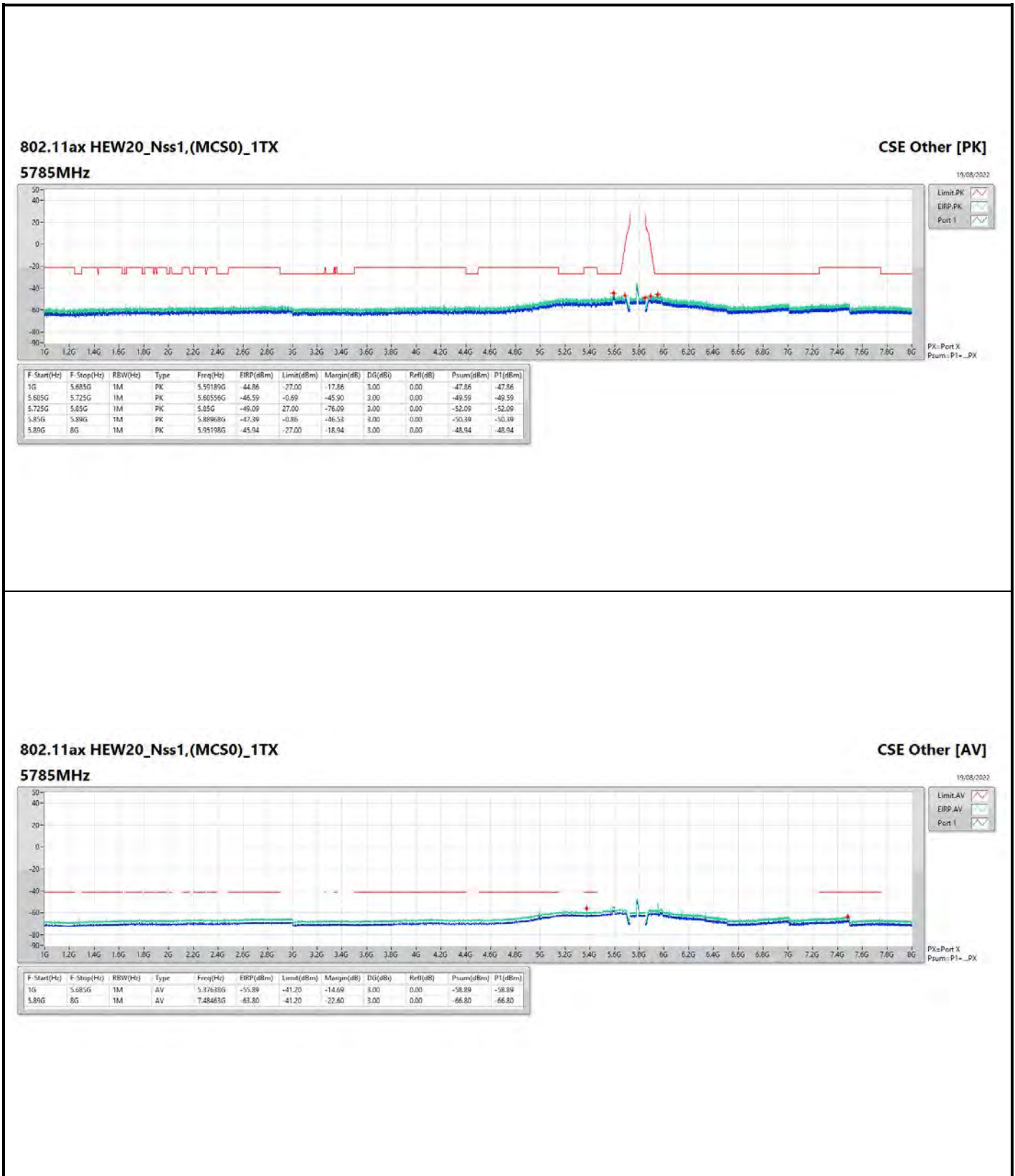


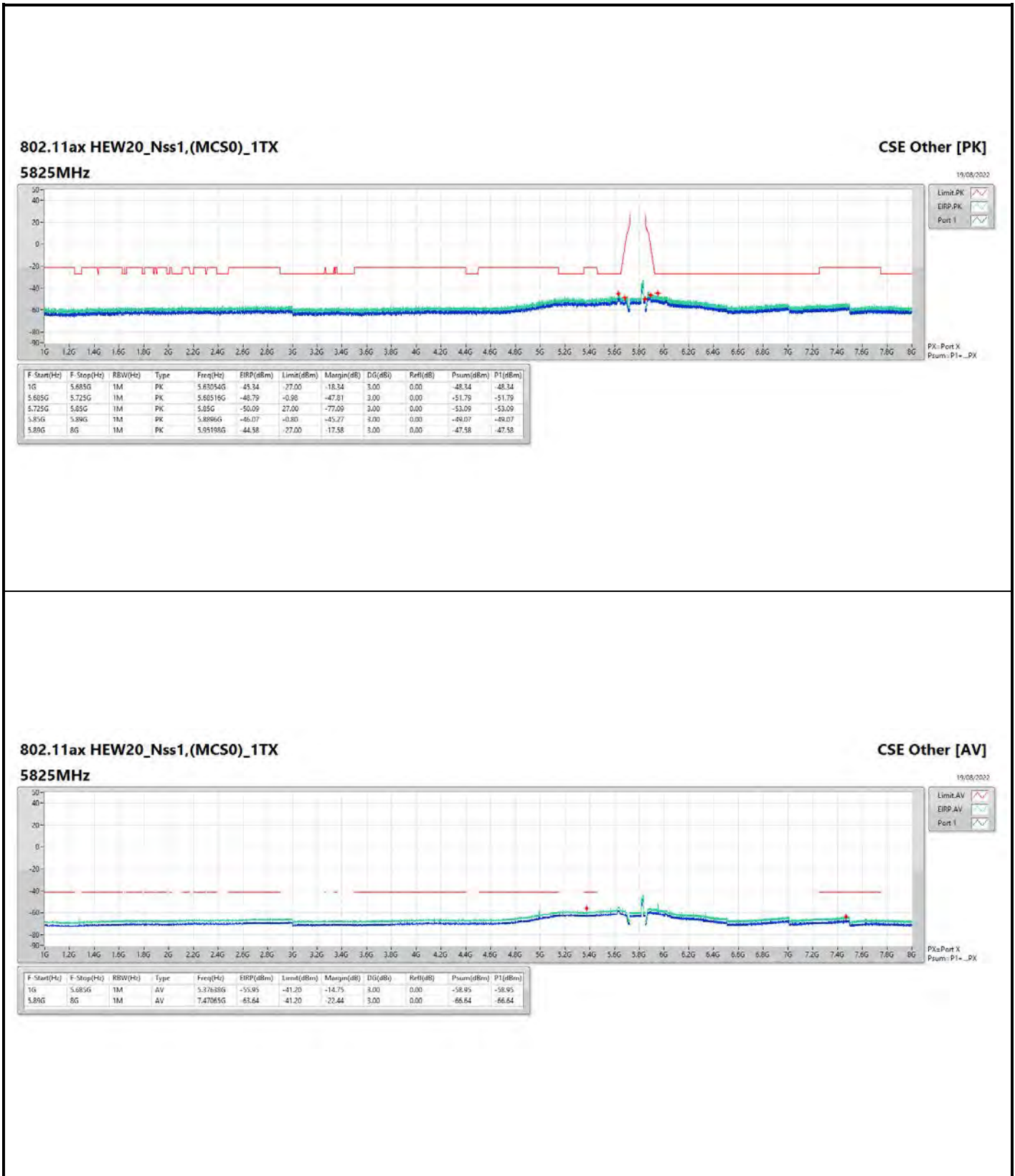


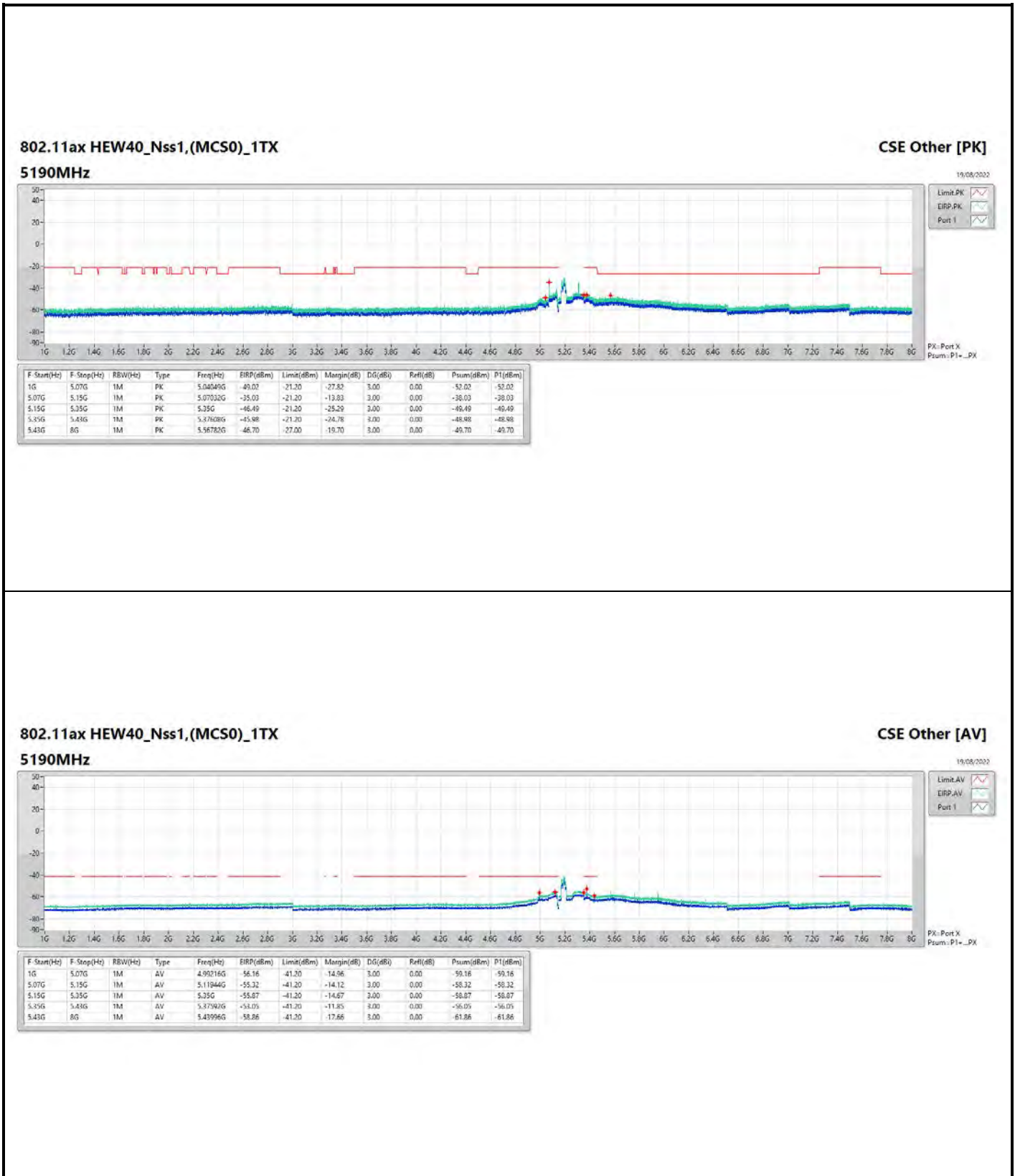


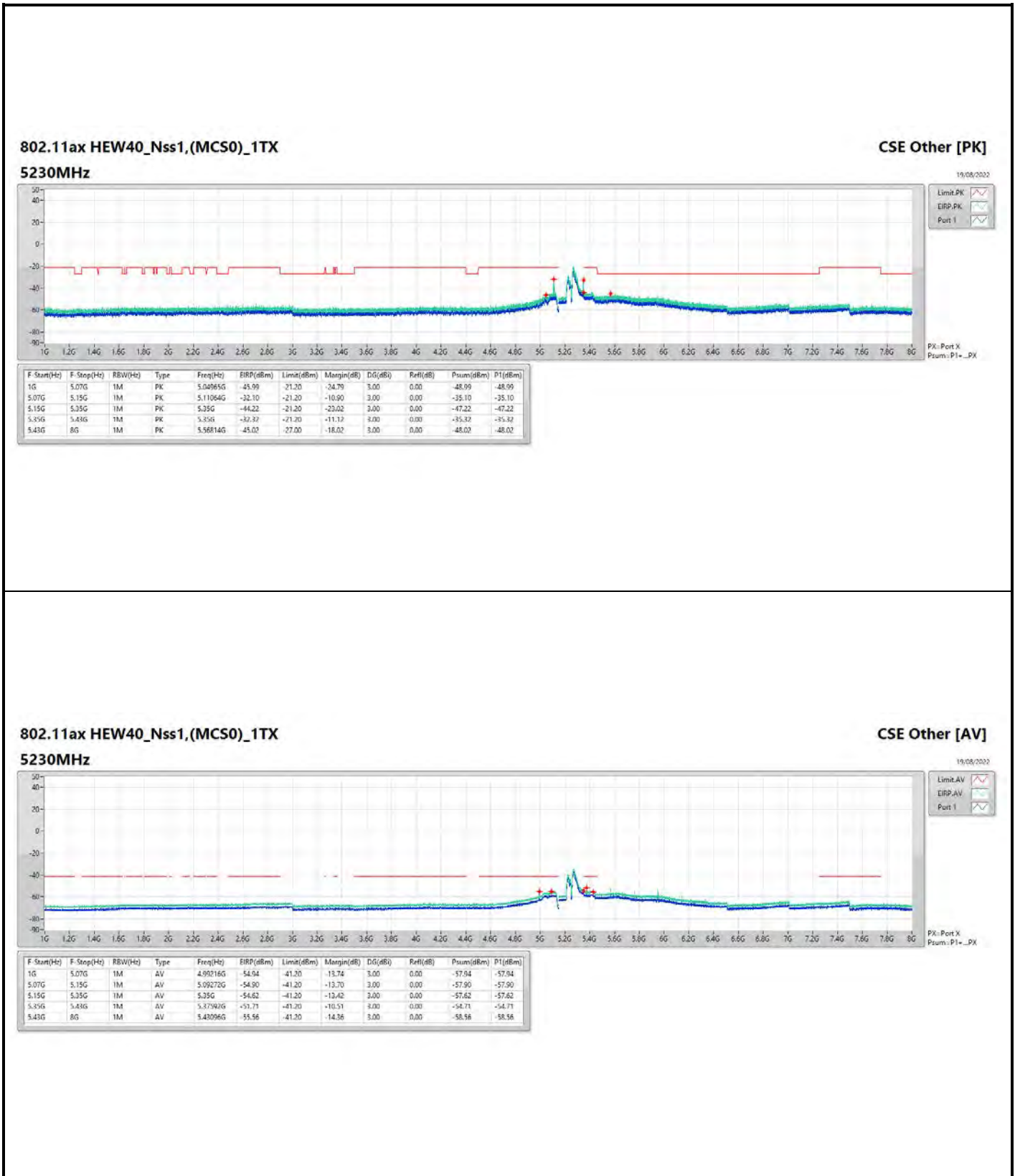


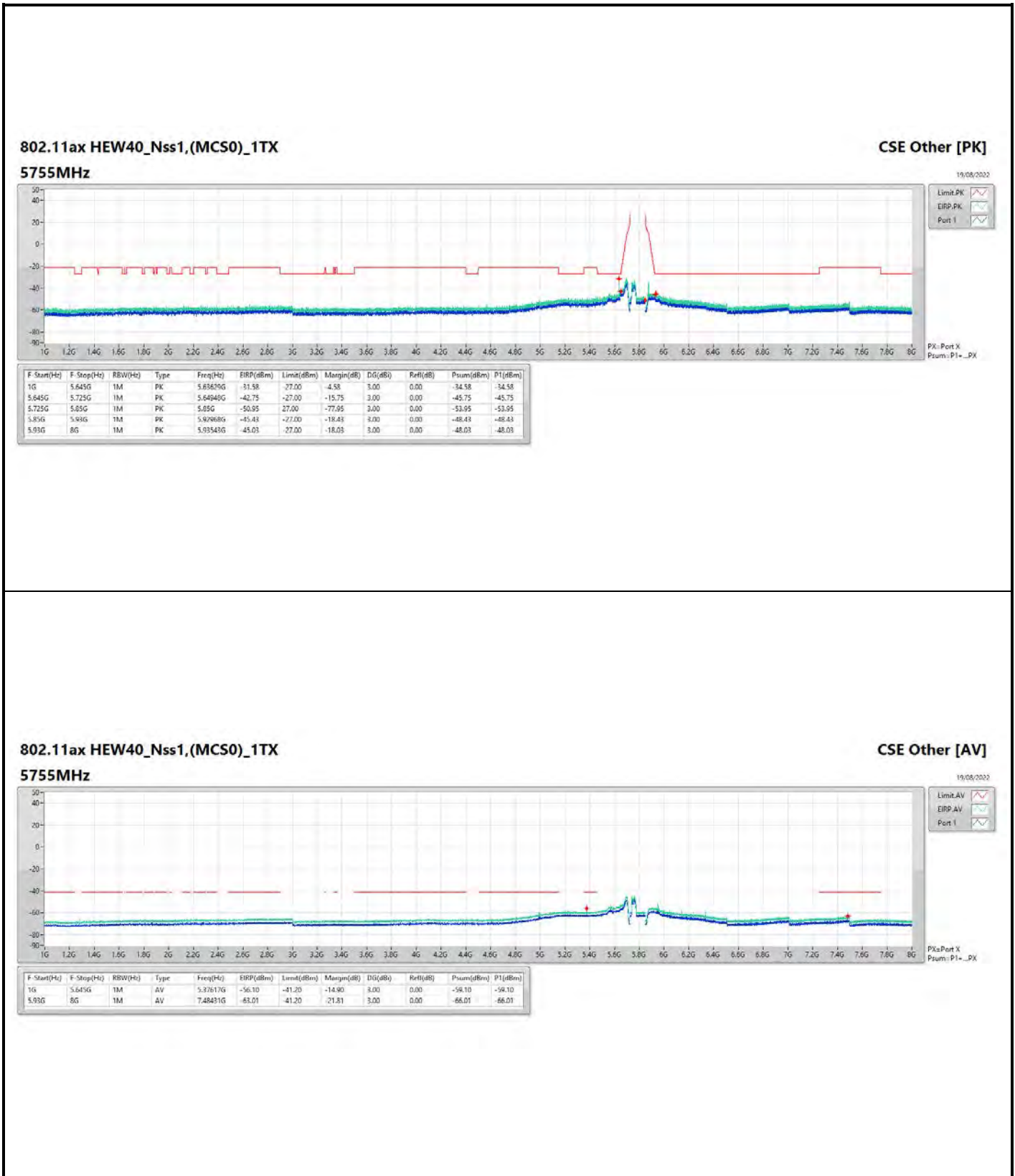


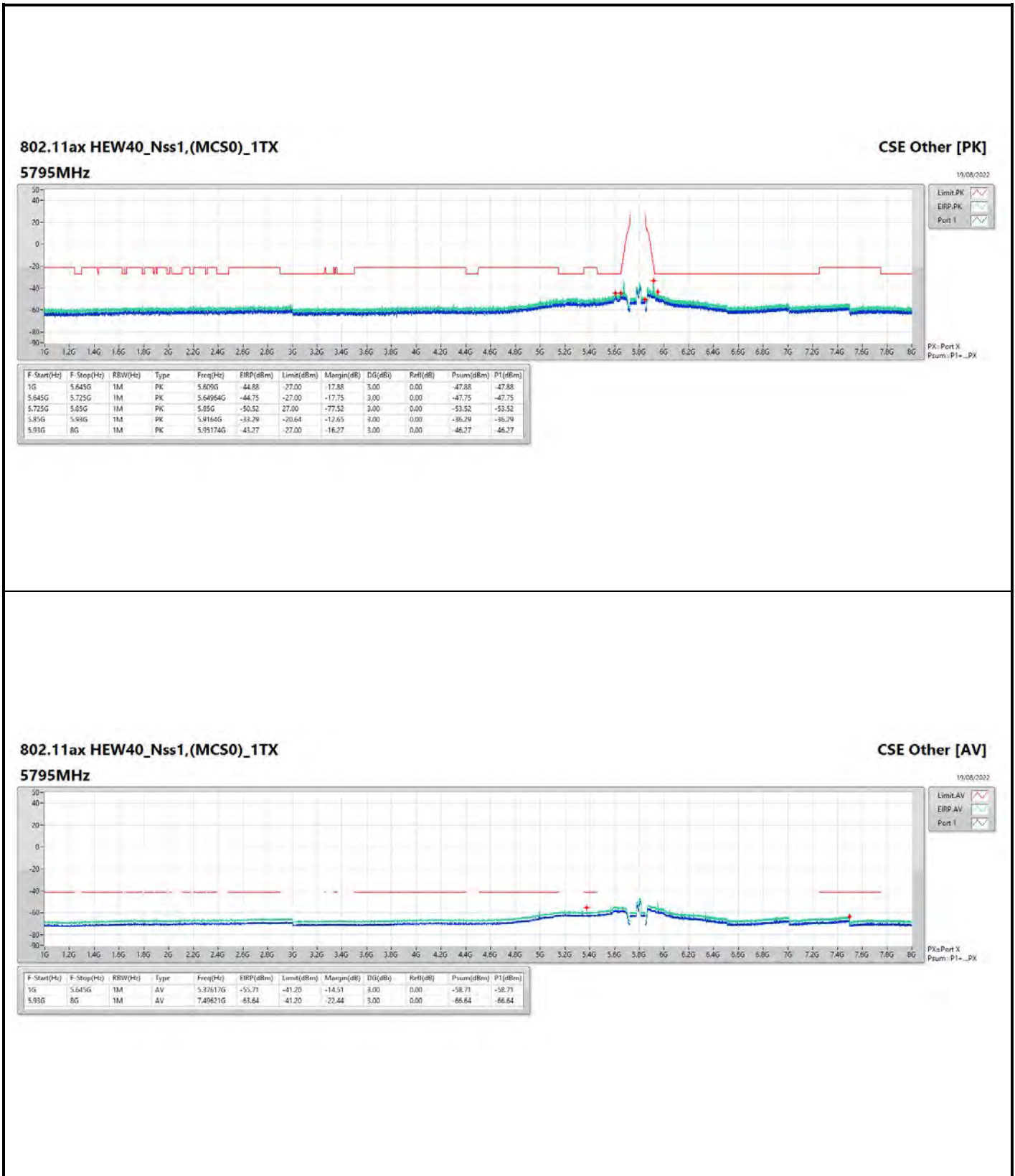


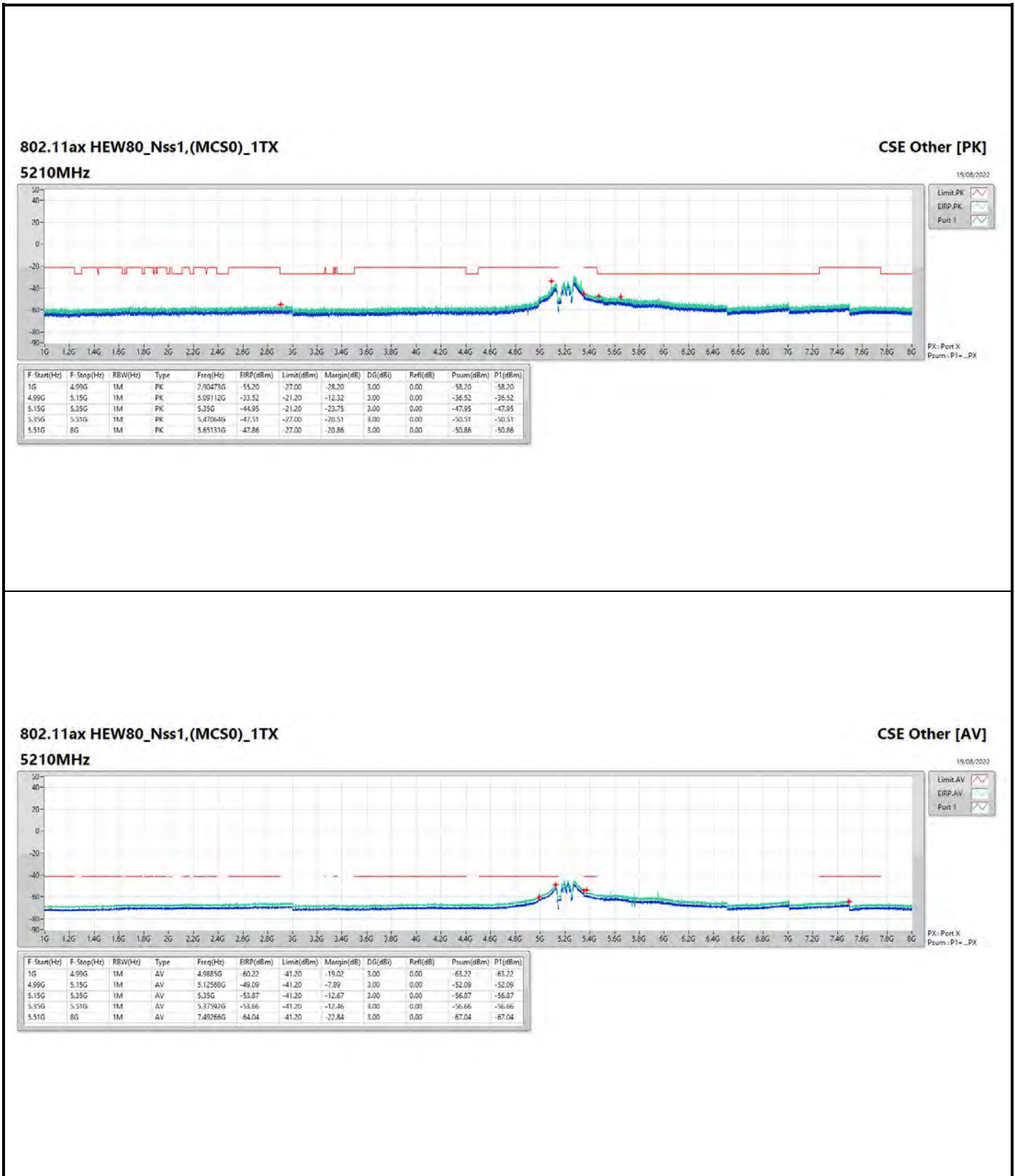




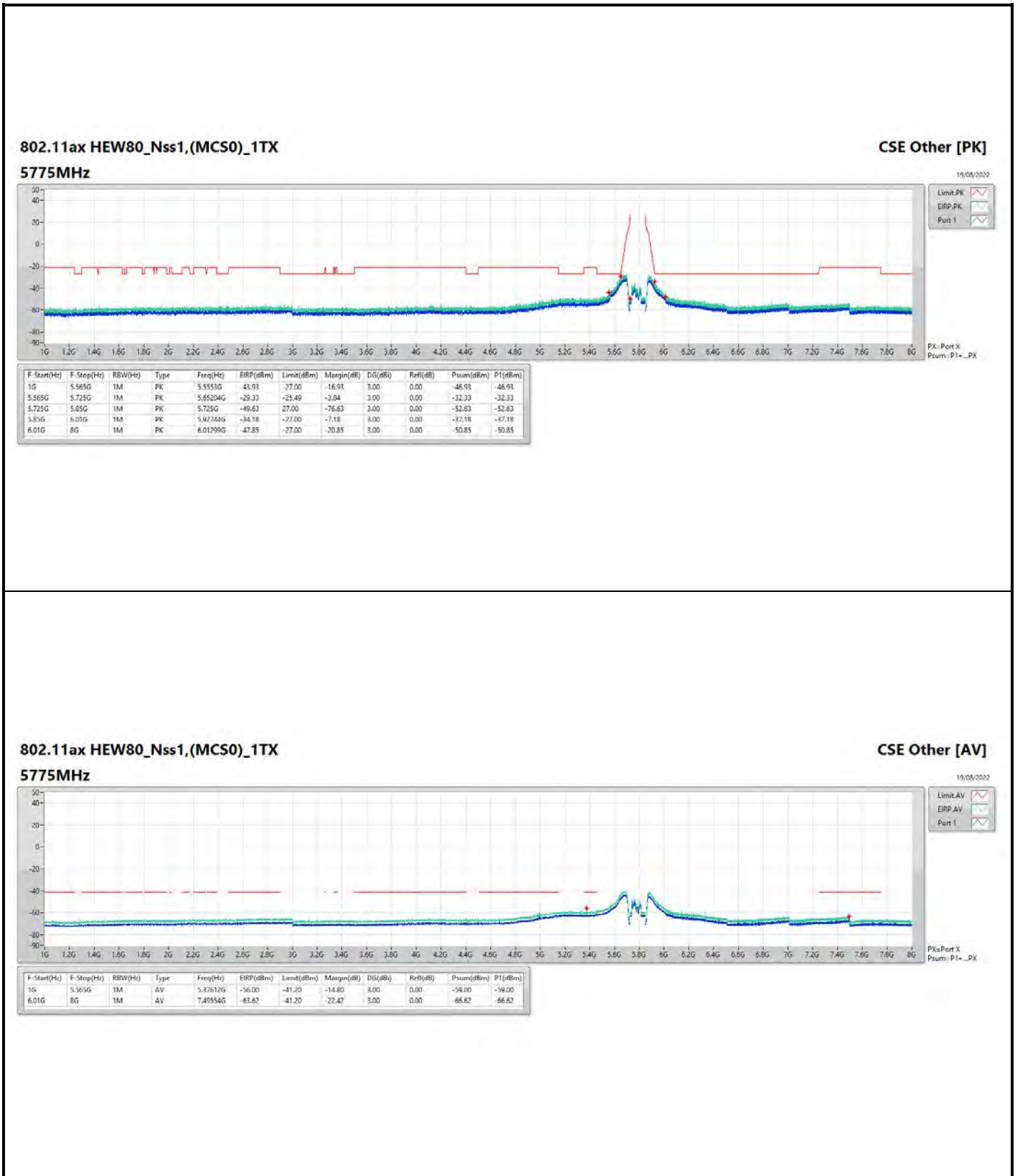


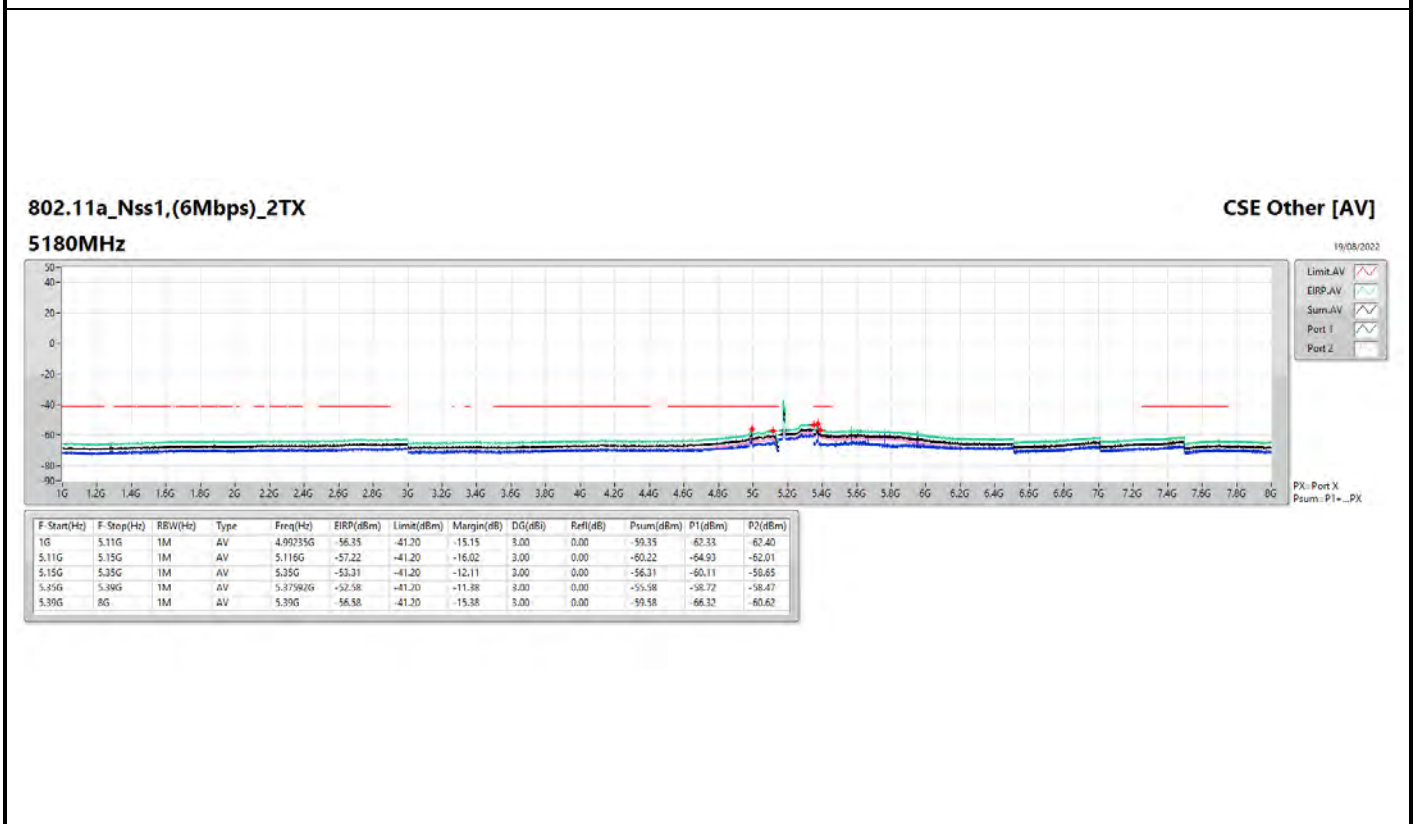
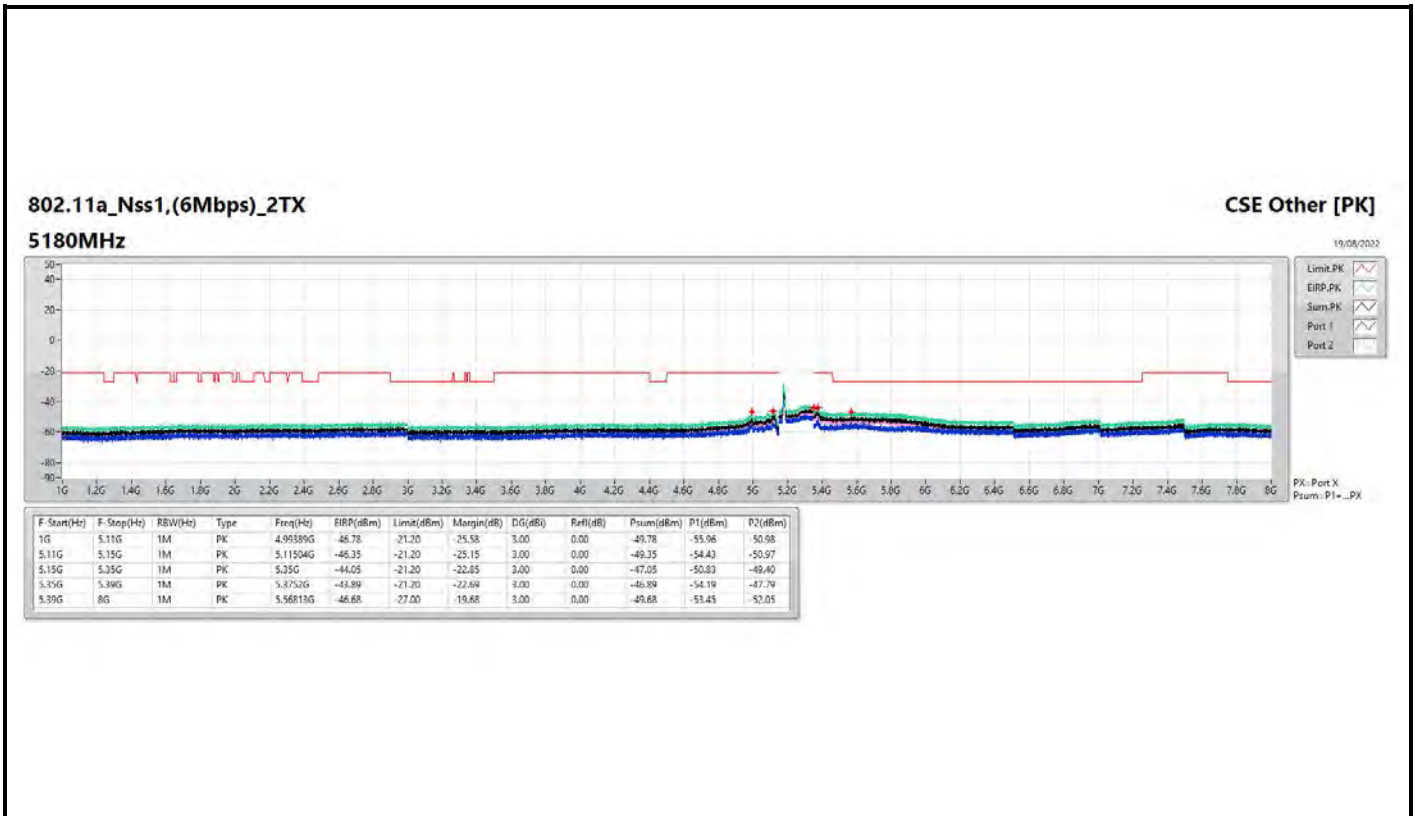


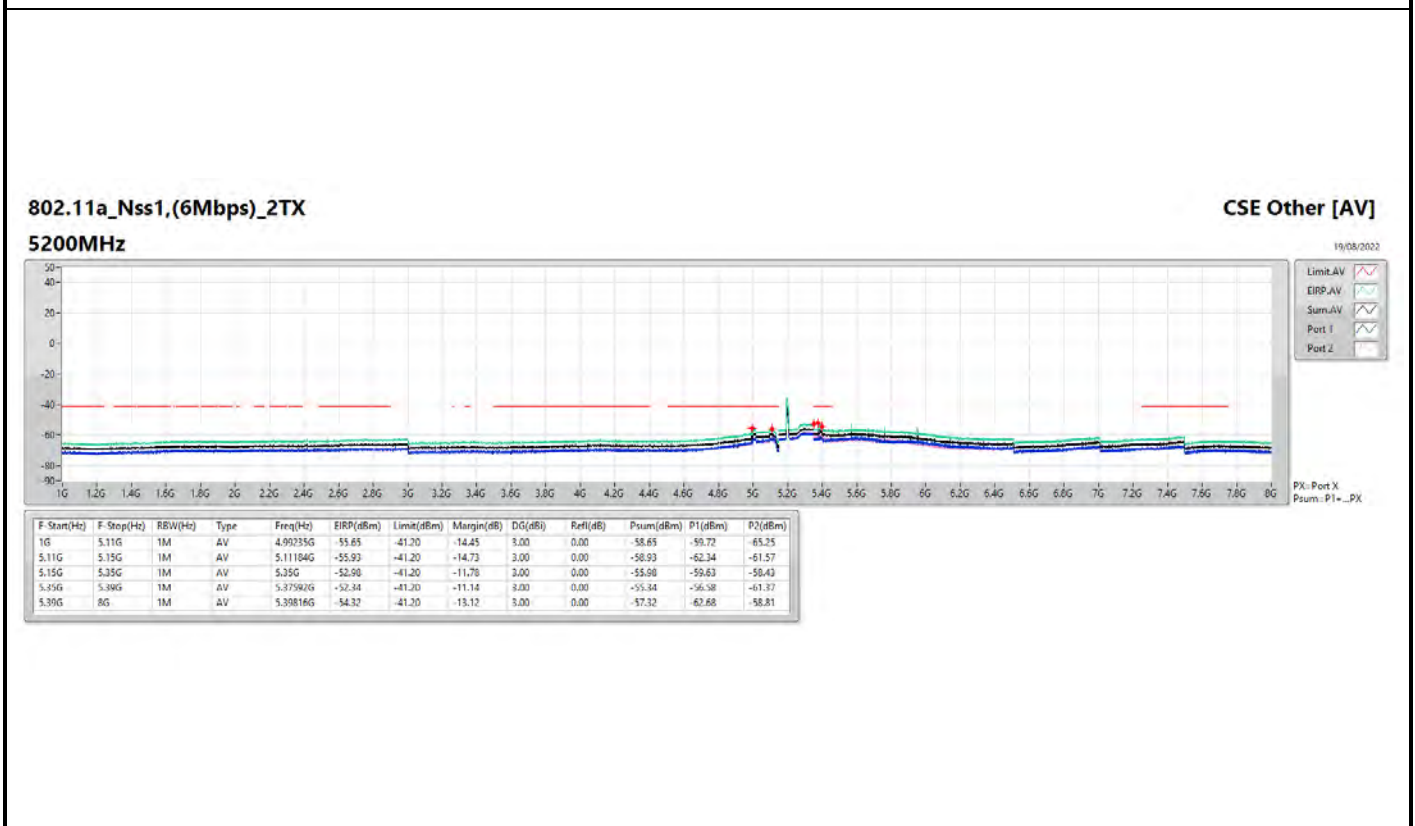
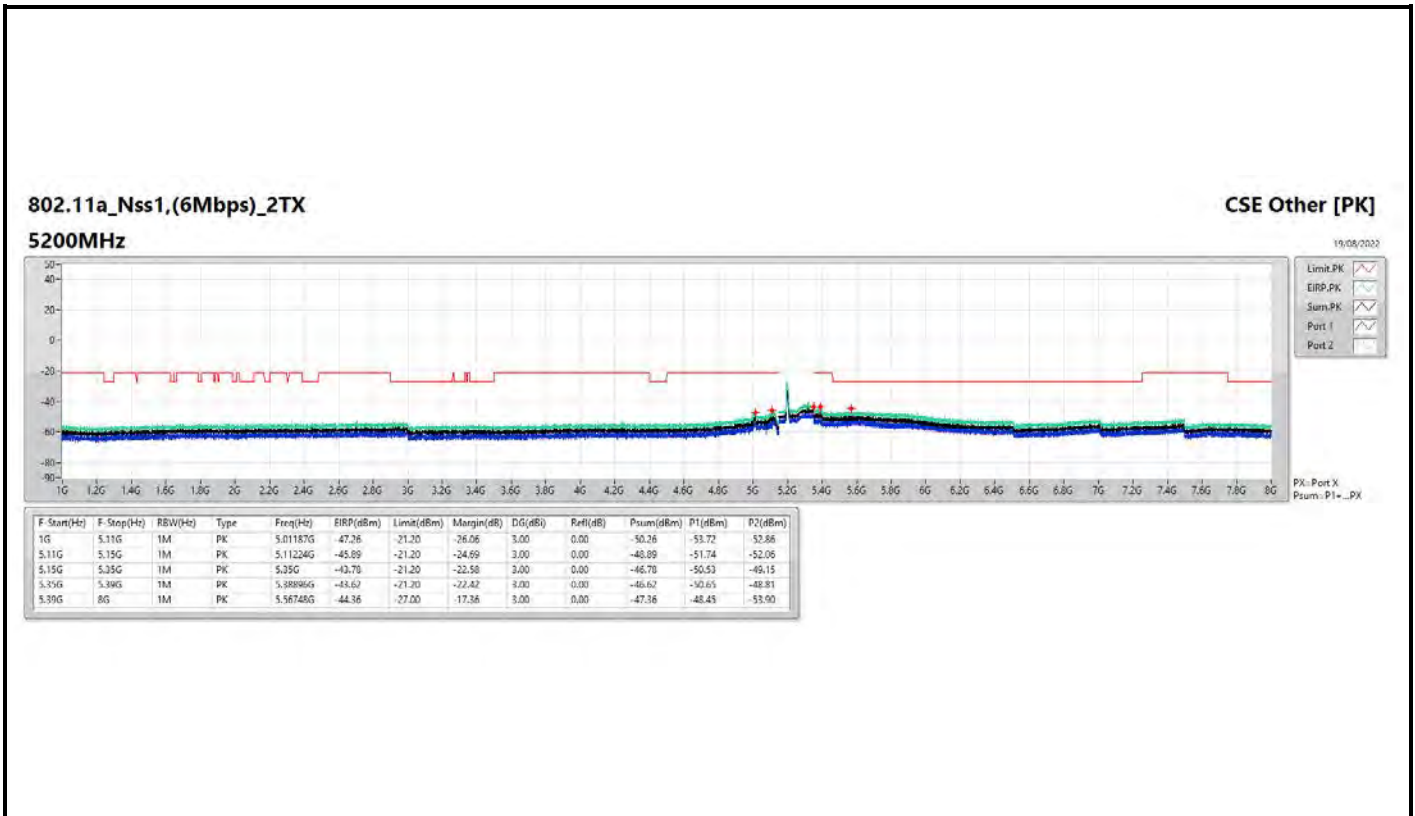


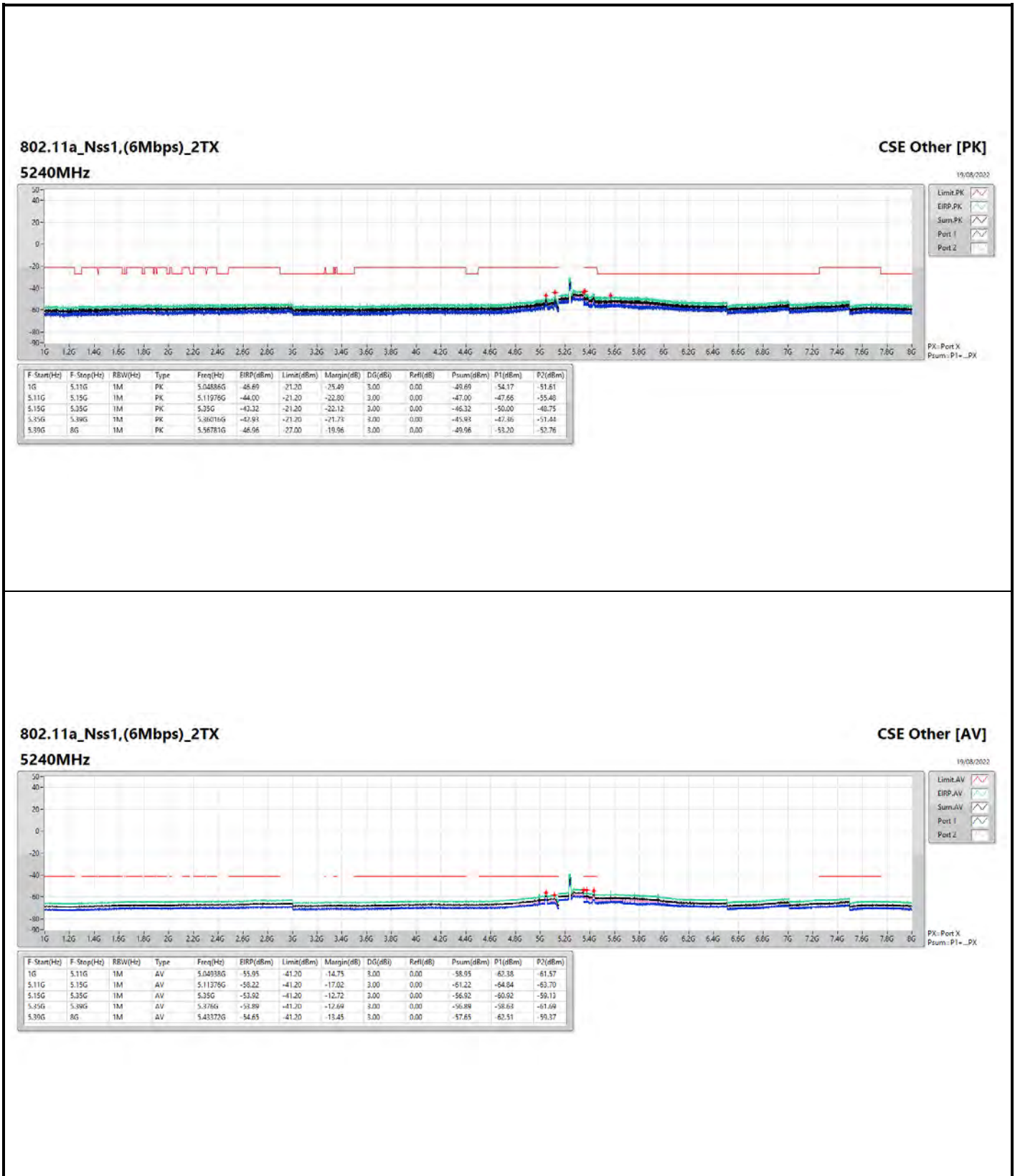


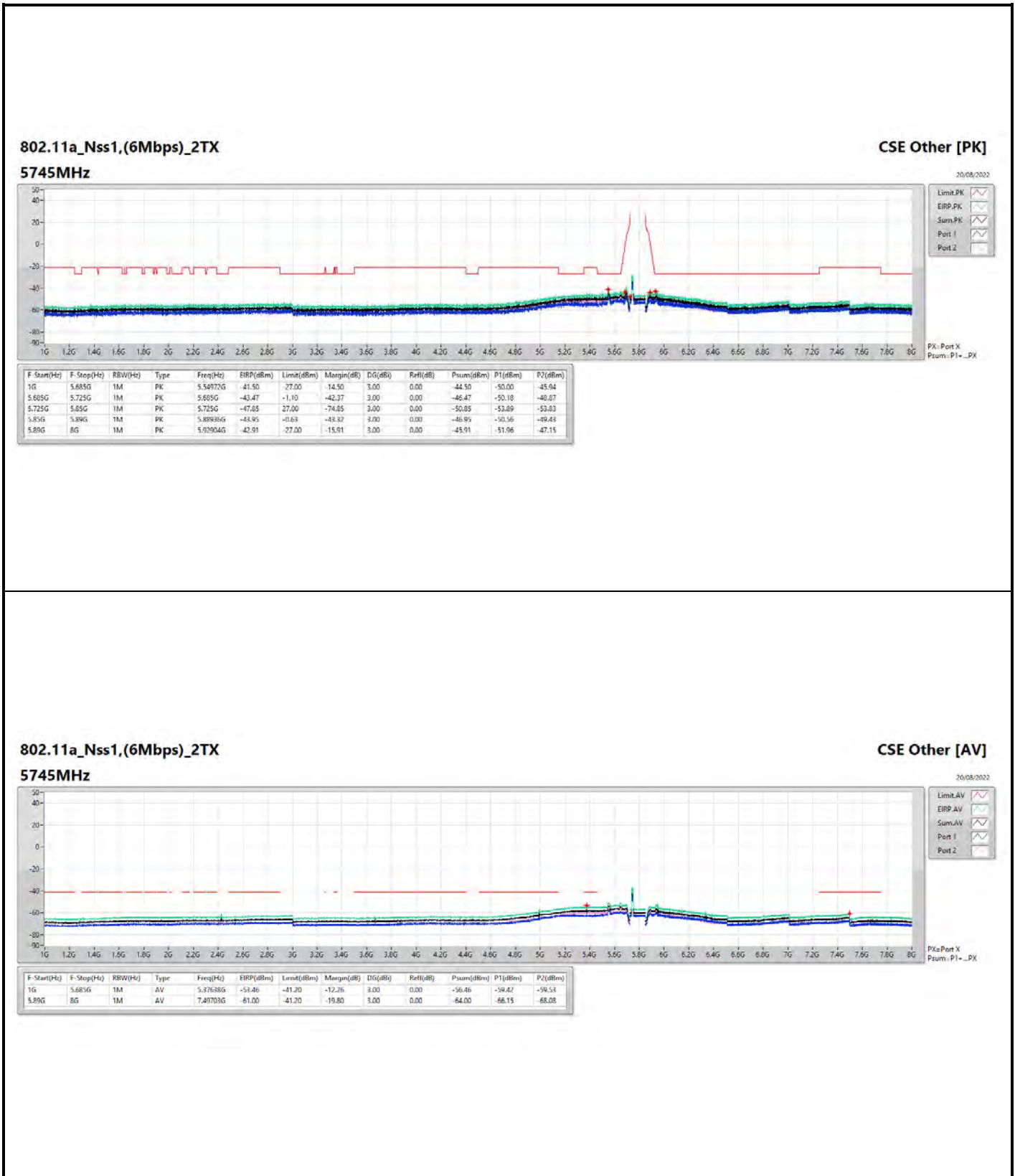


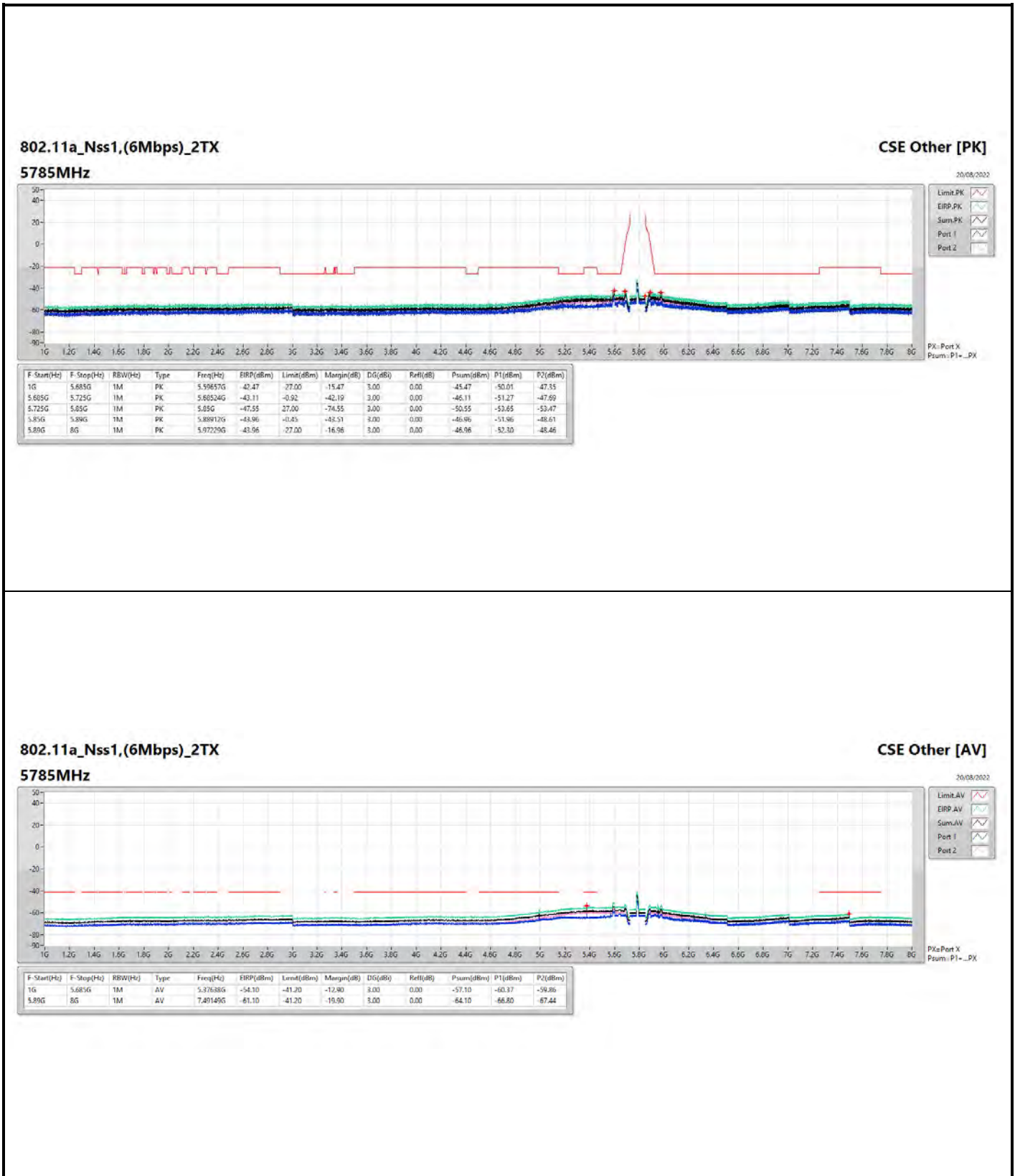


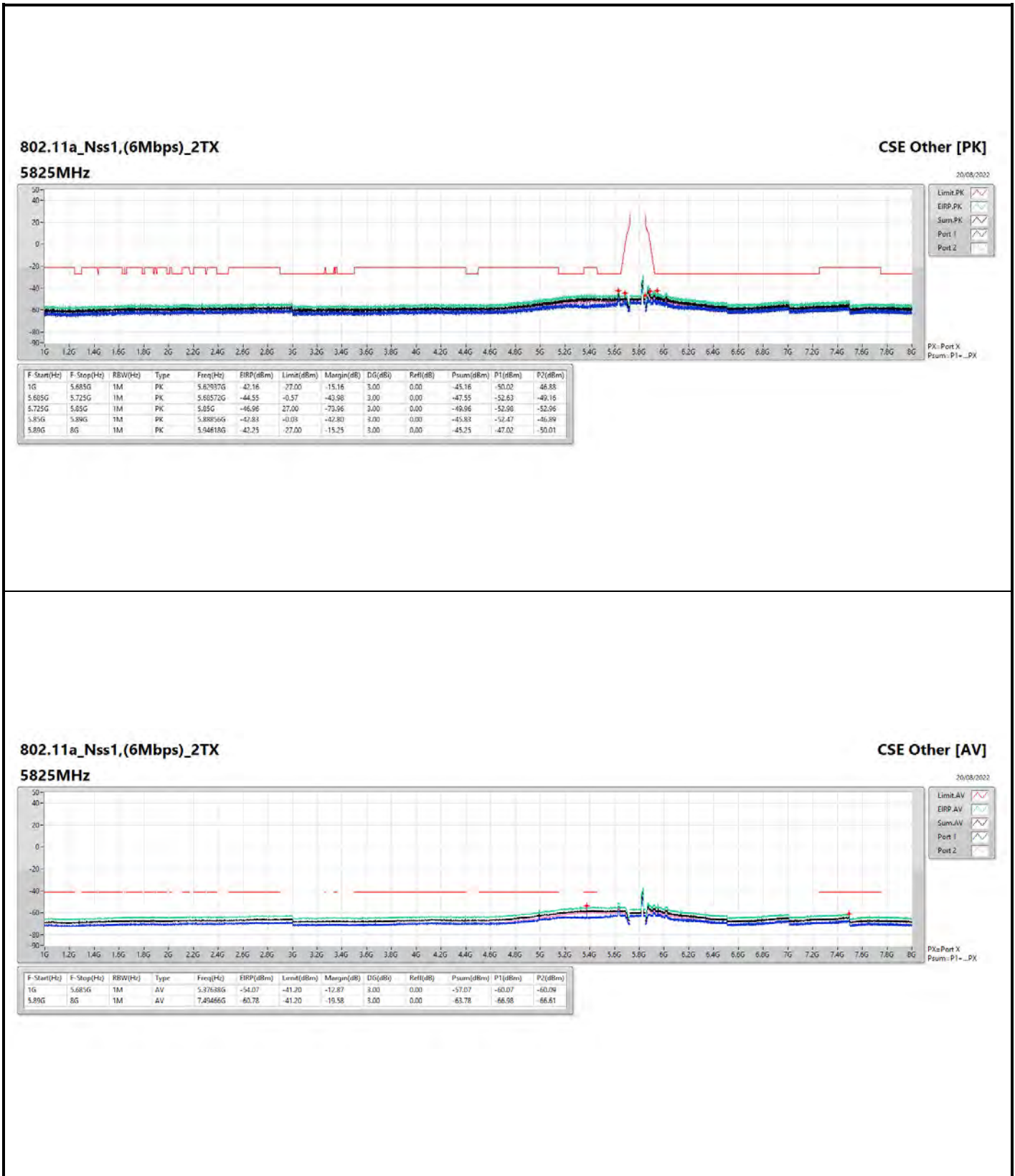


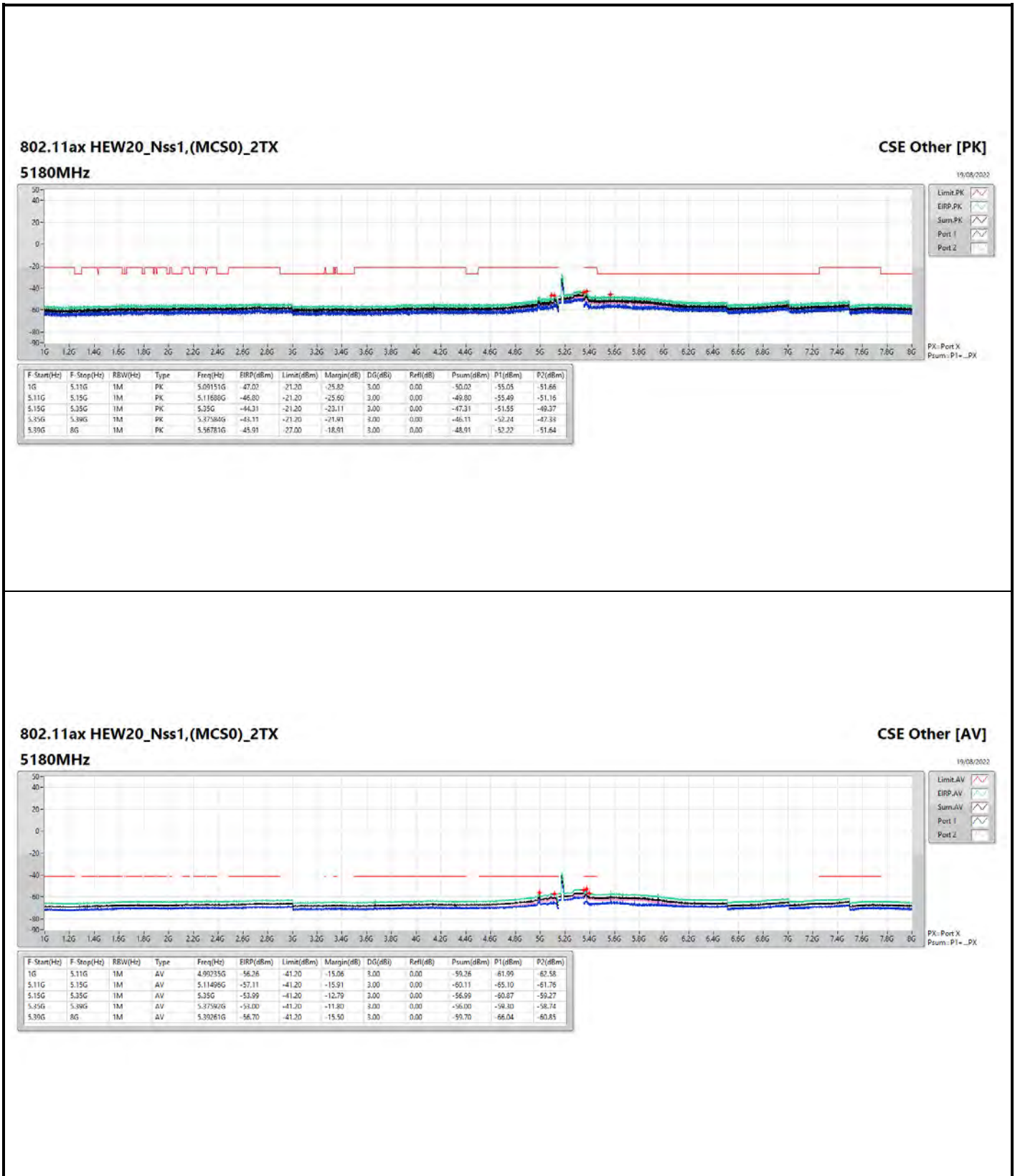




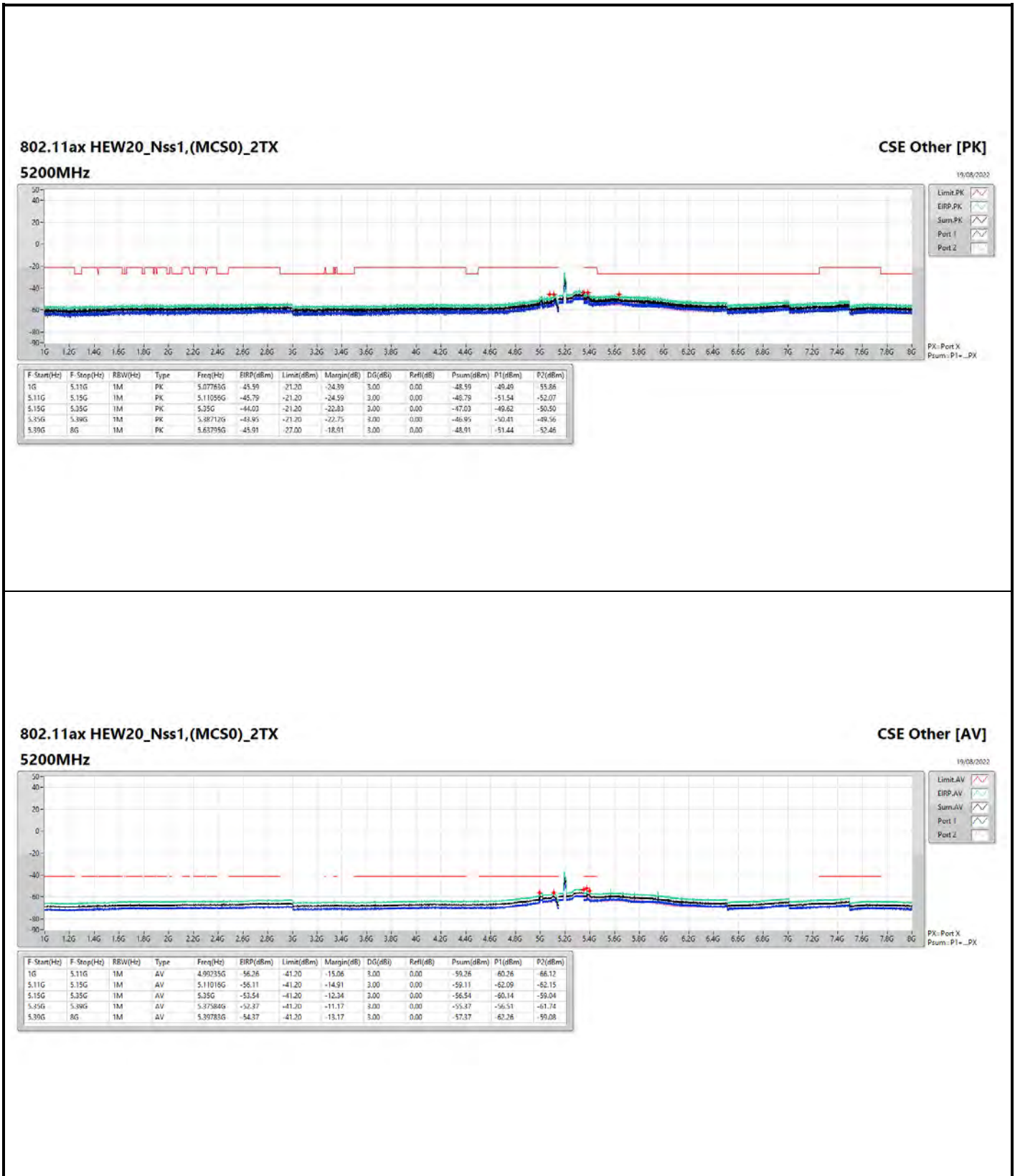


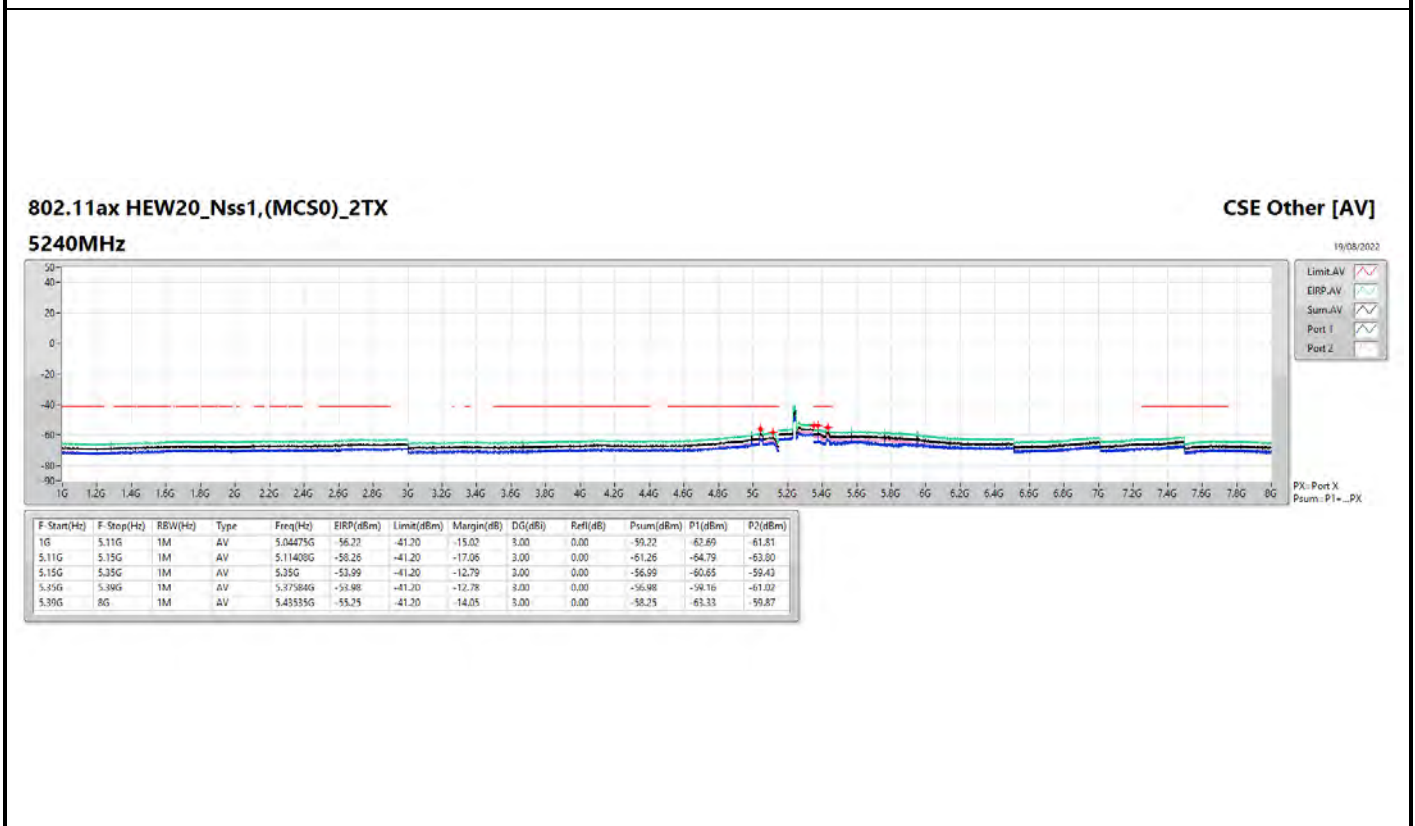
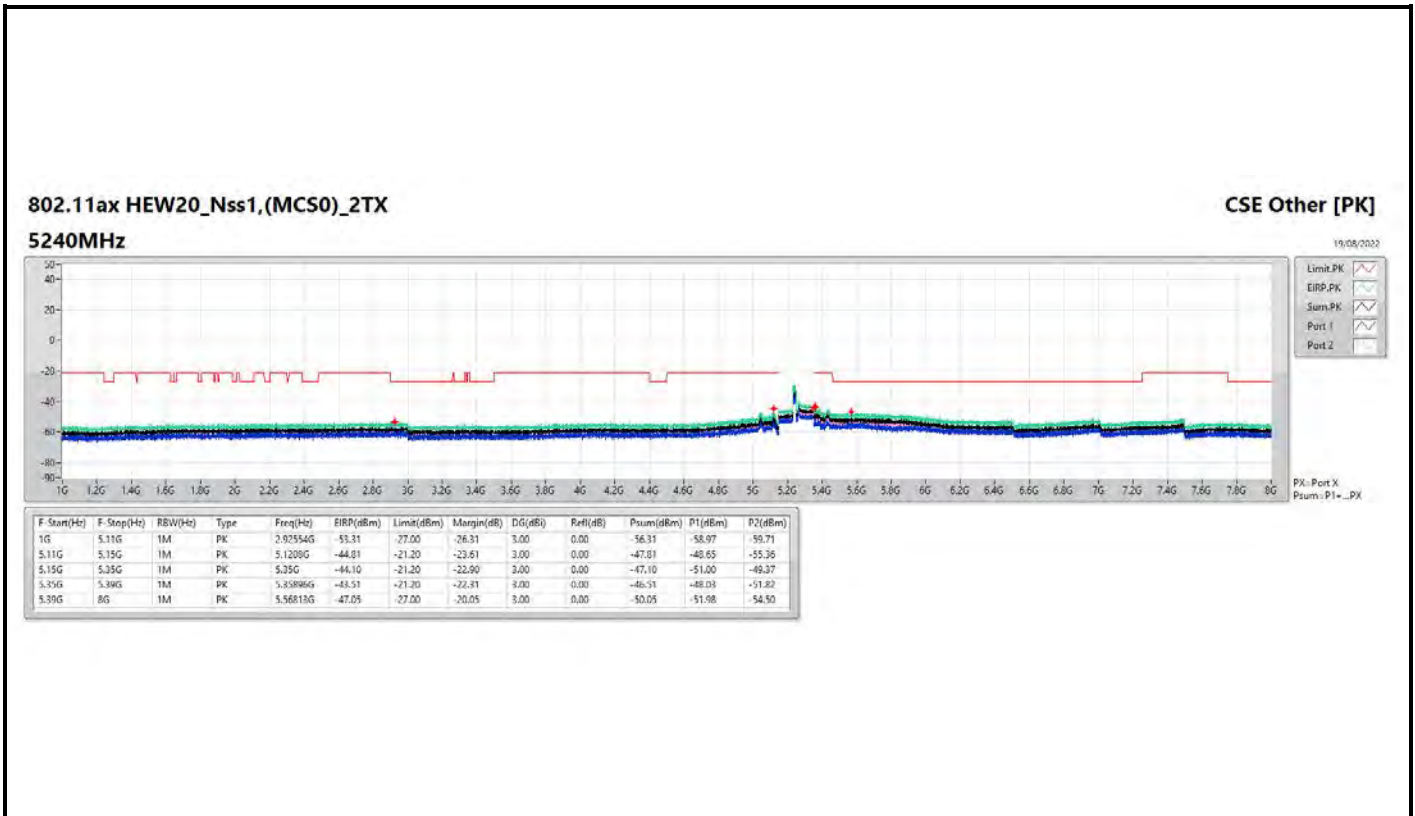


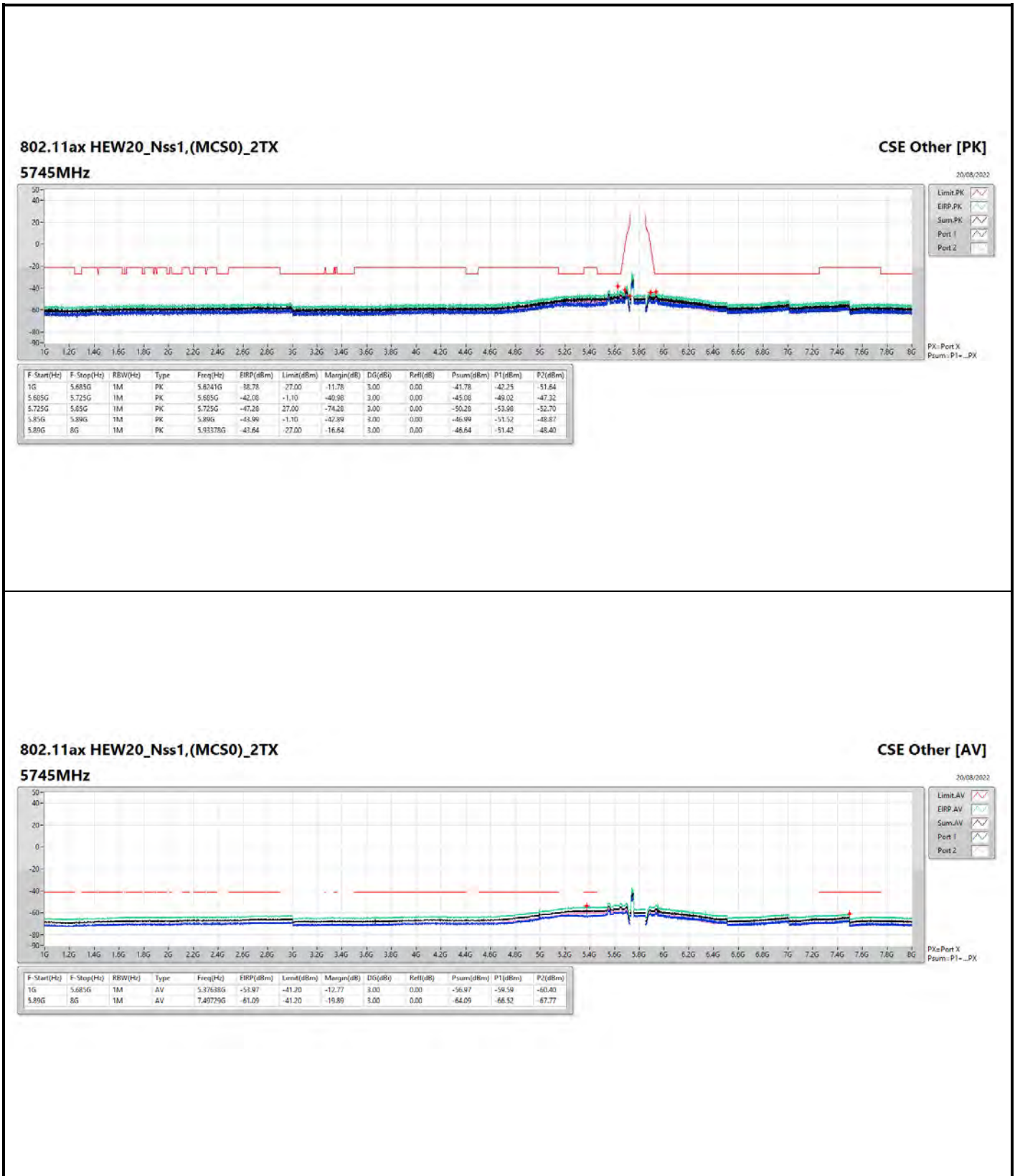












802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5745MHz

CSE Other [AV]

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Limit.AV

EIRP.AV

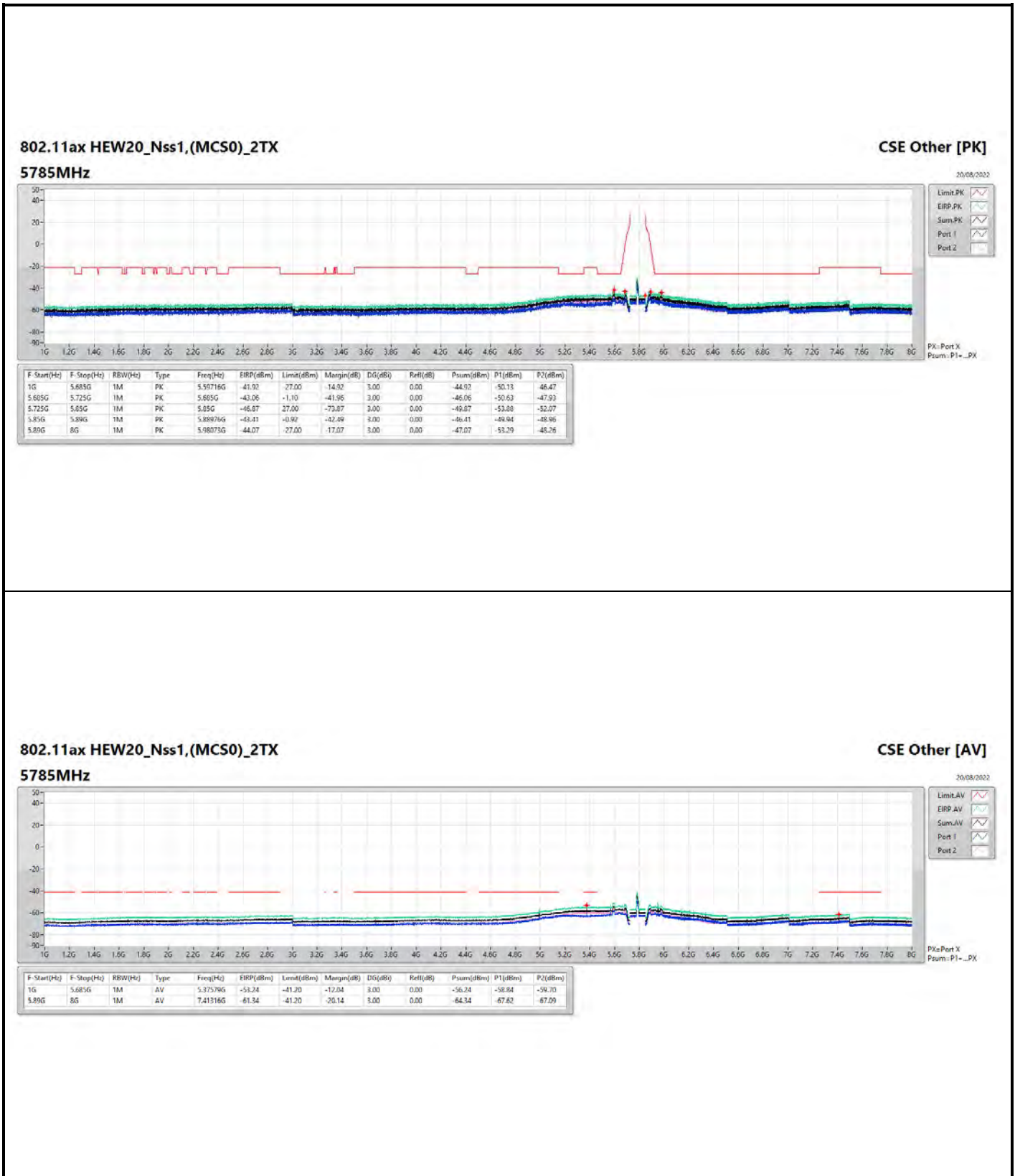
Sum.AV

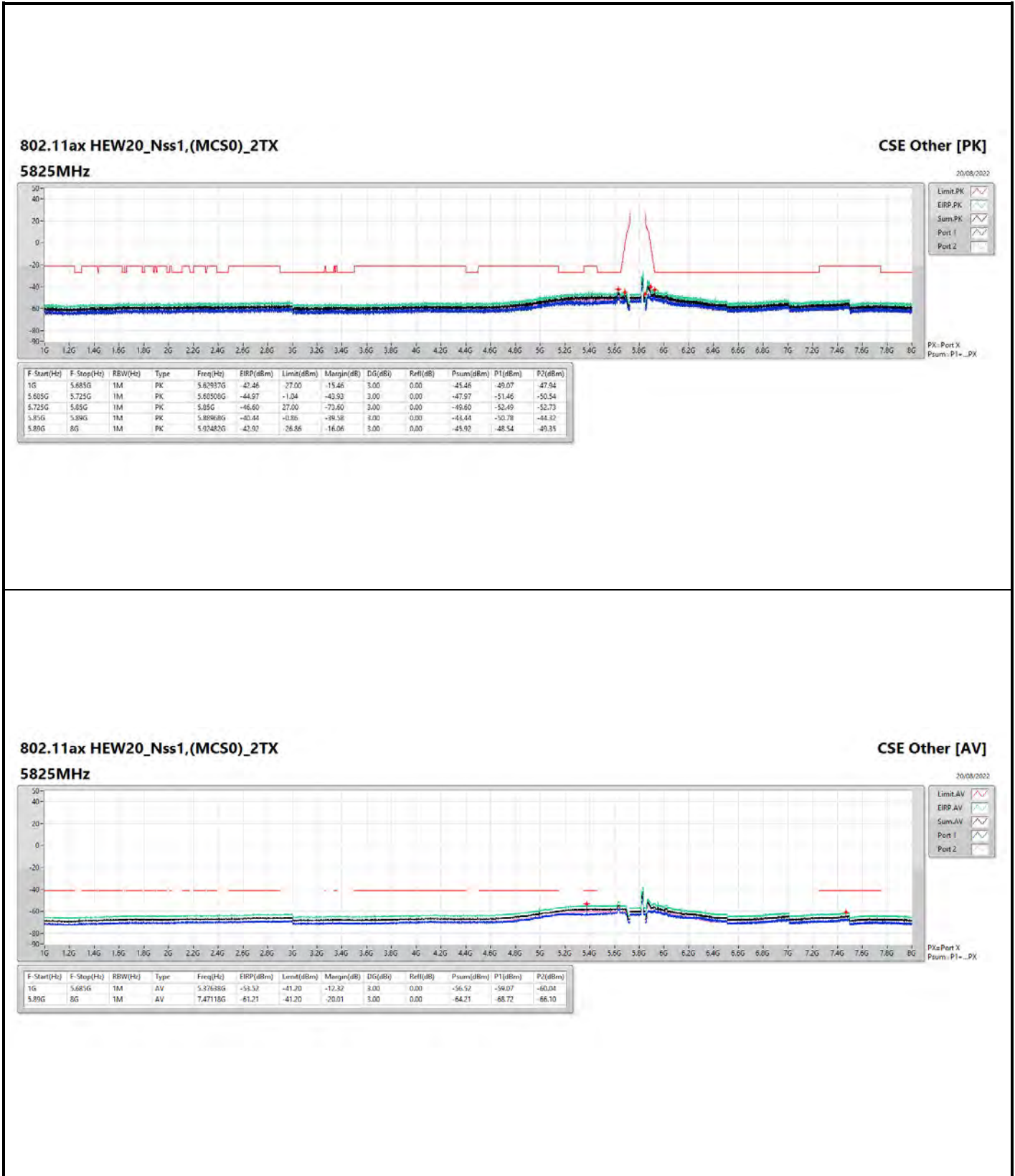
Port.1

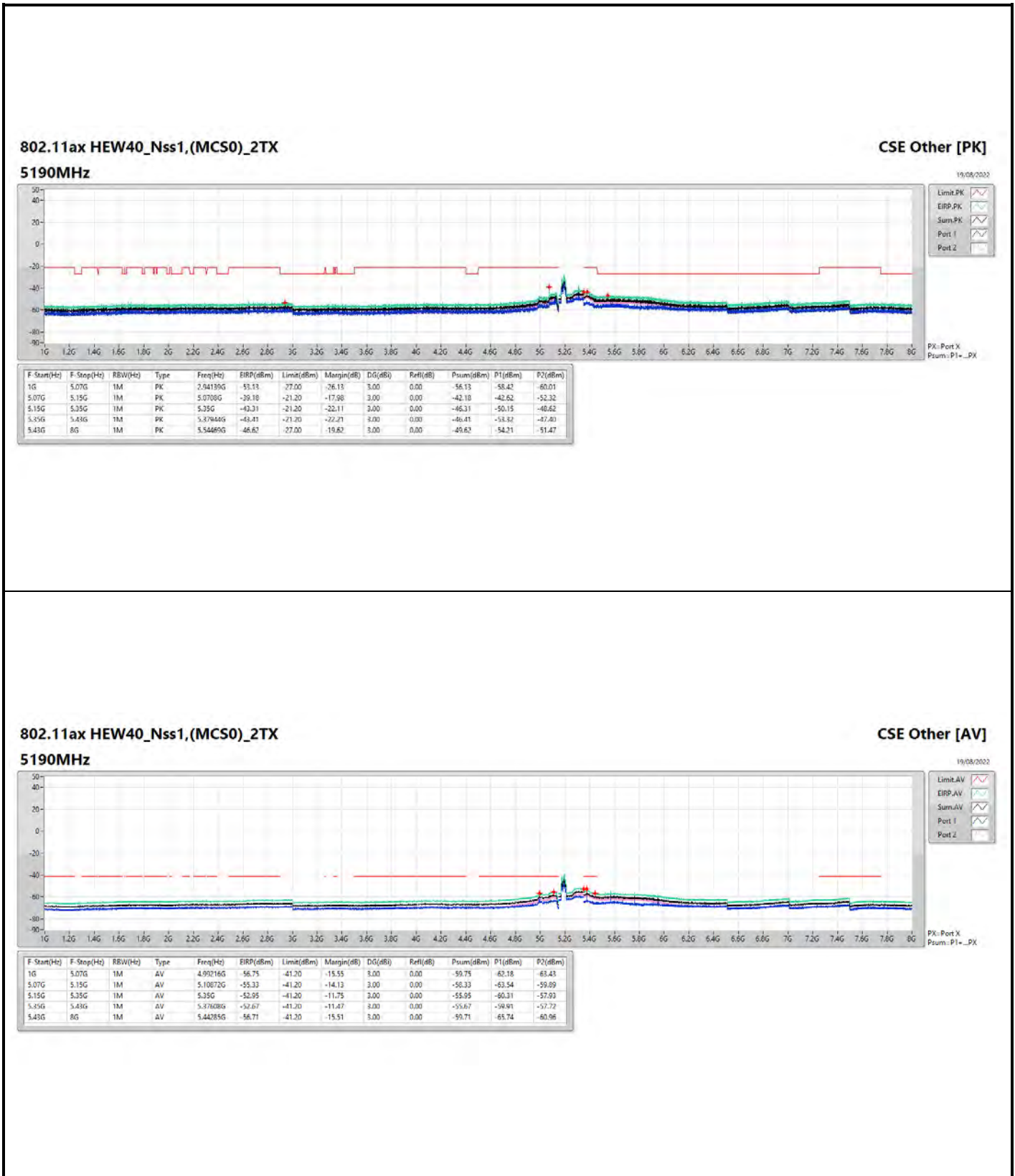
Port.2

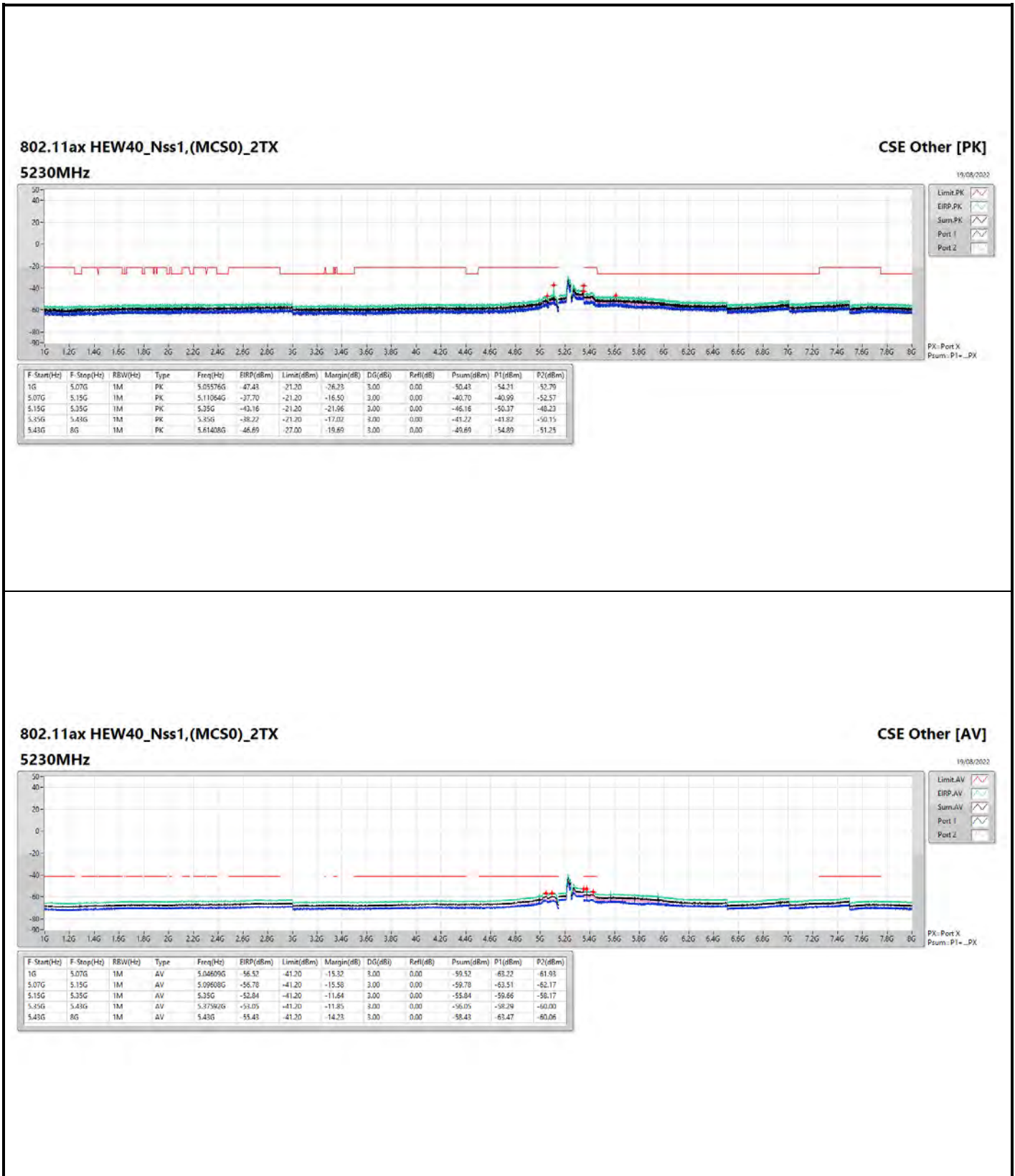
PK=Port X

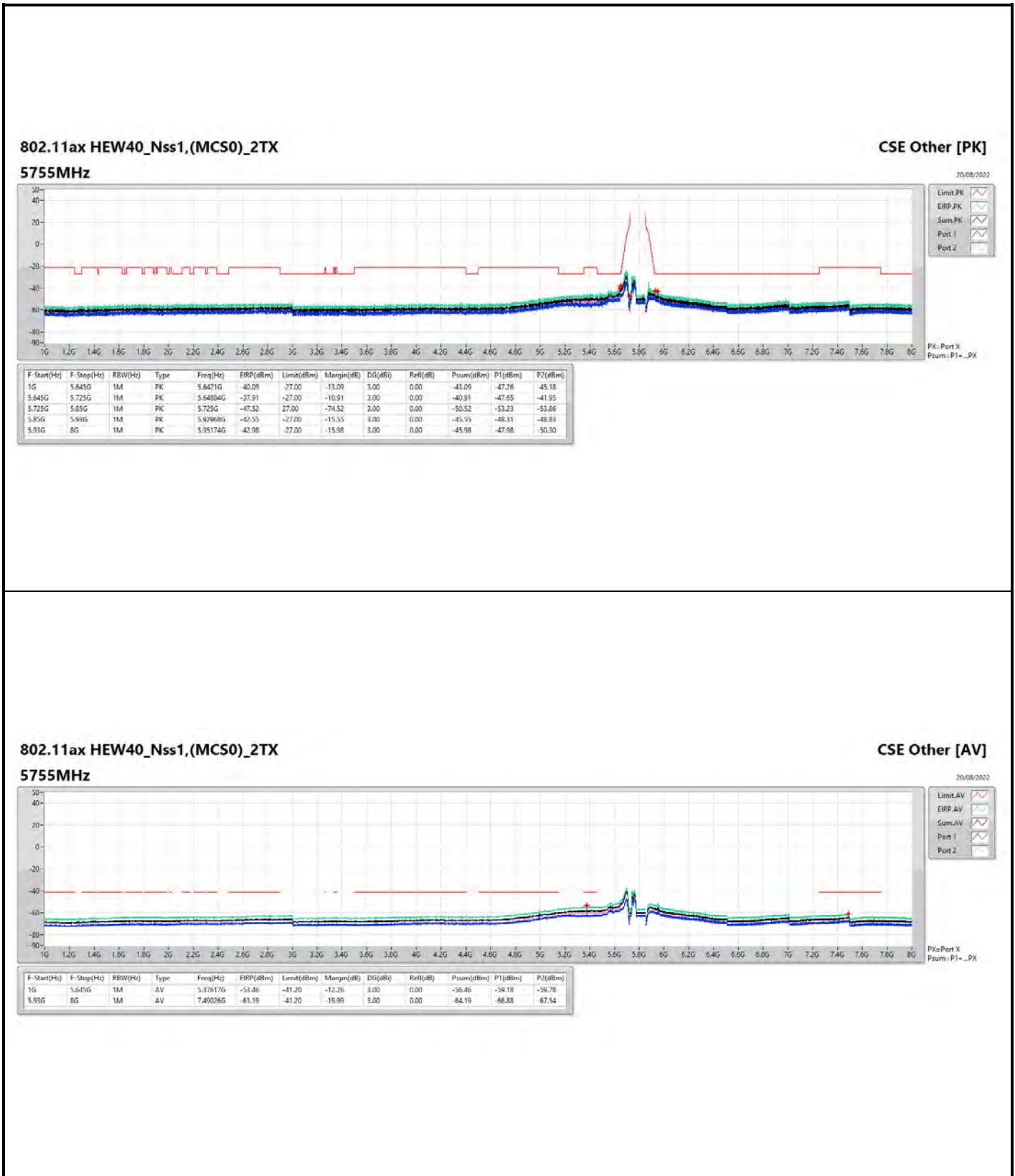
Psum=P1+...PX



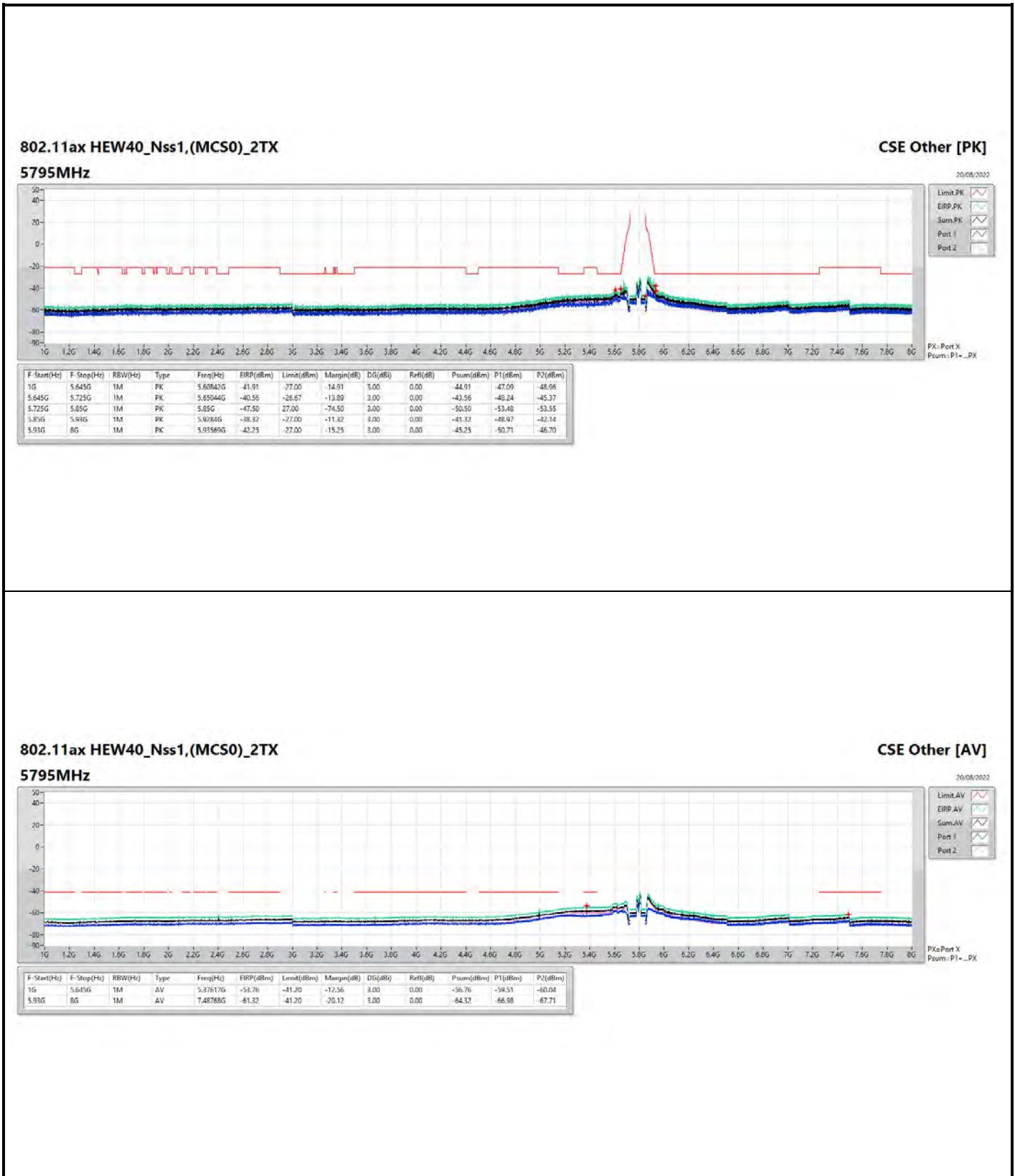


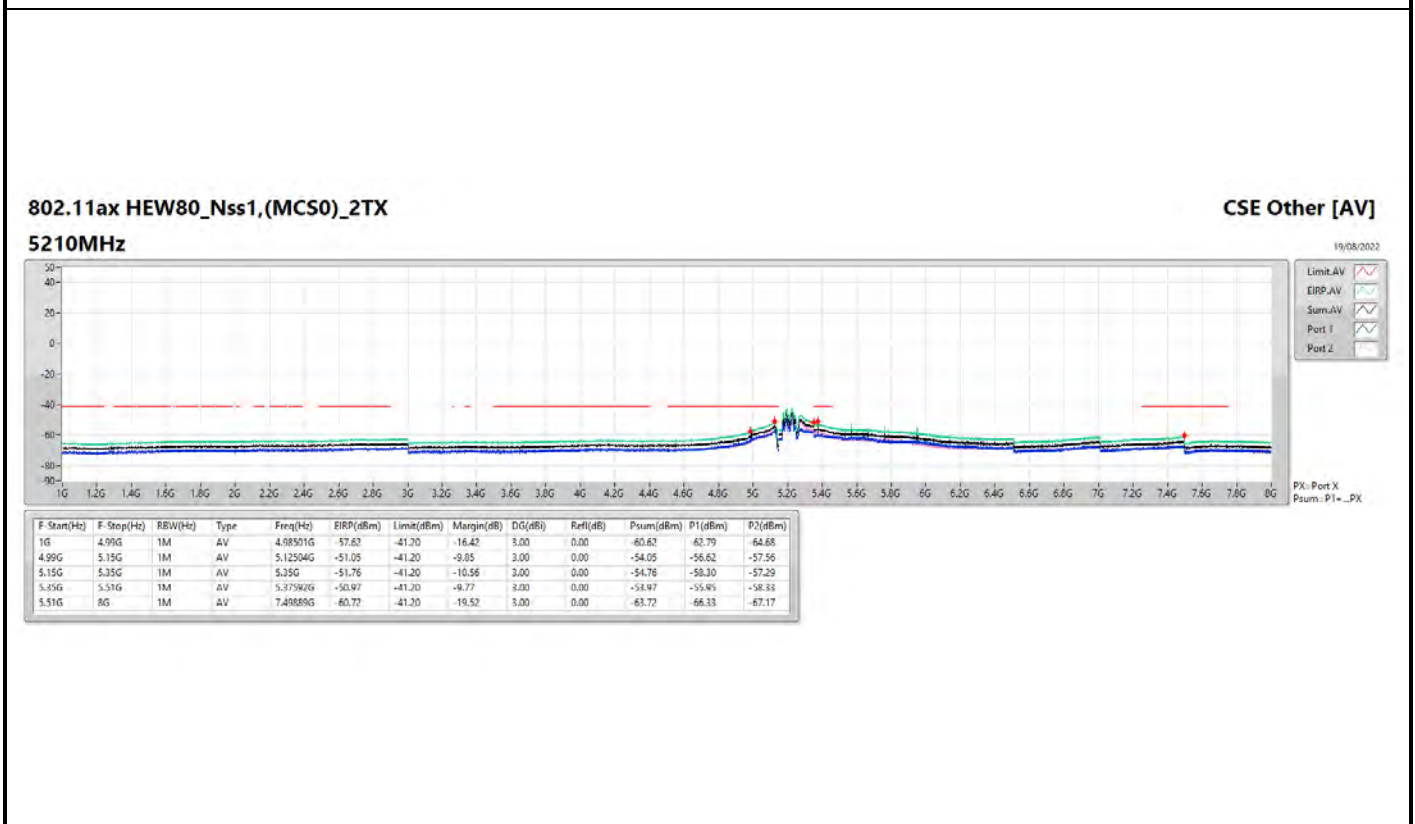
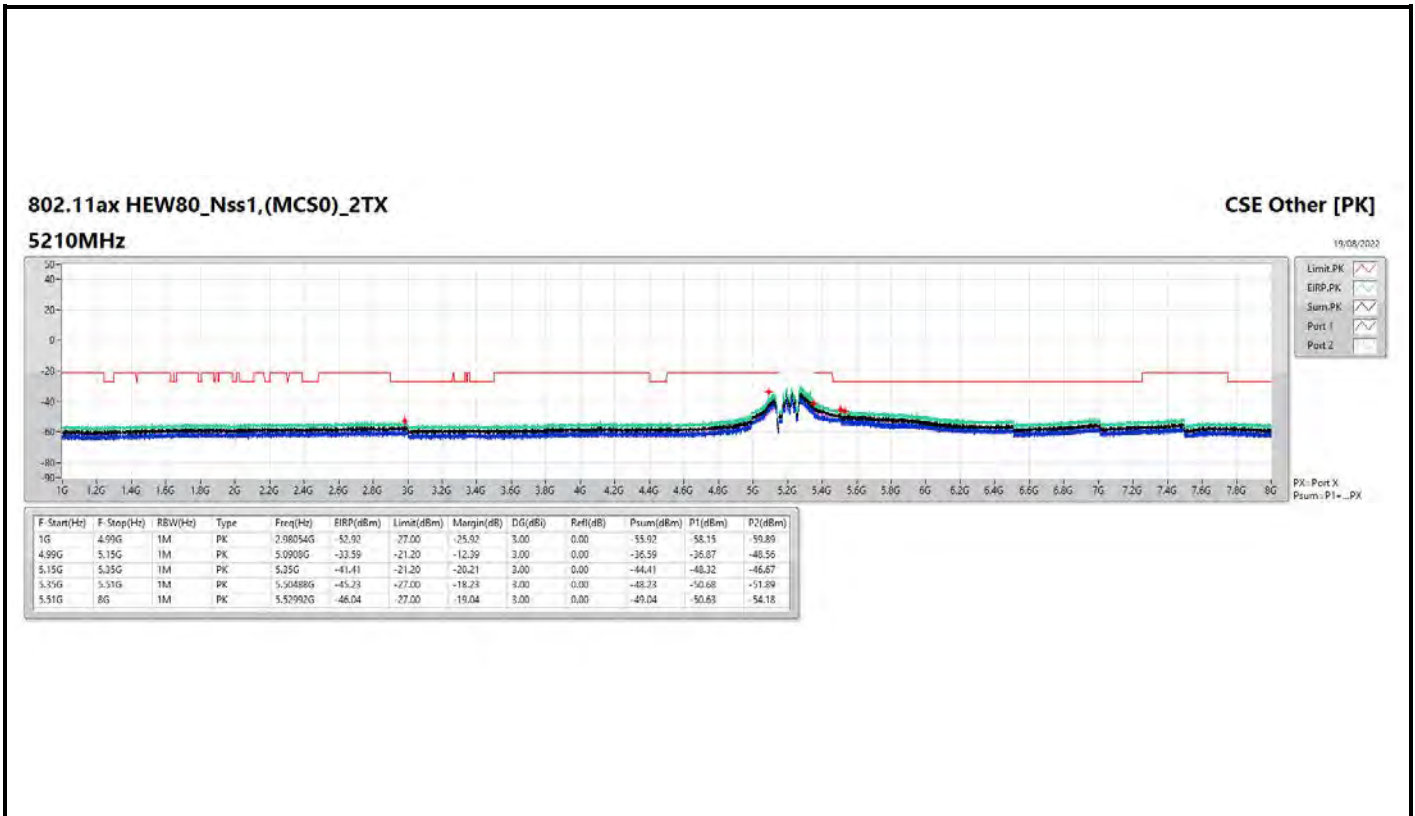


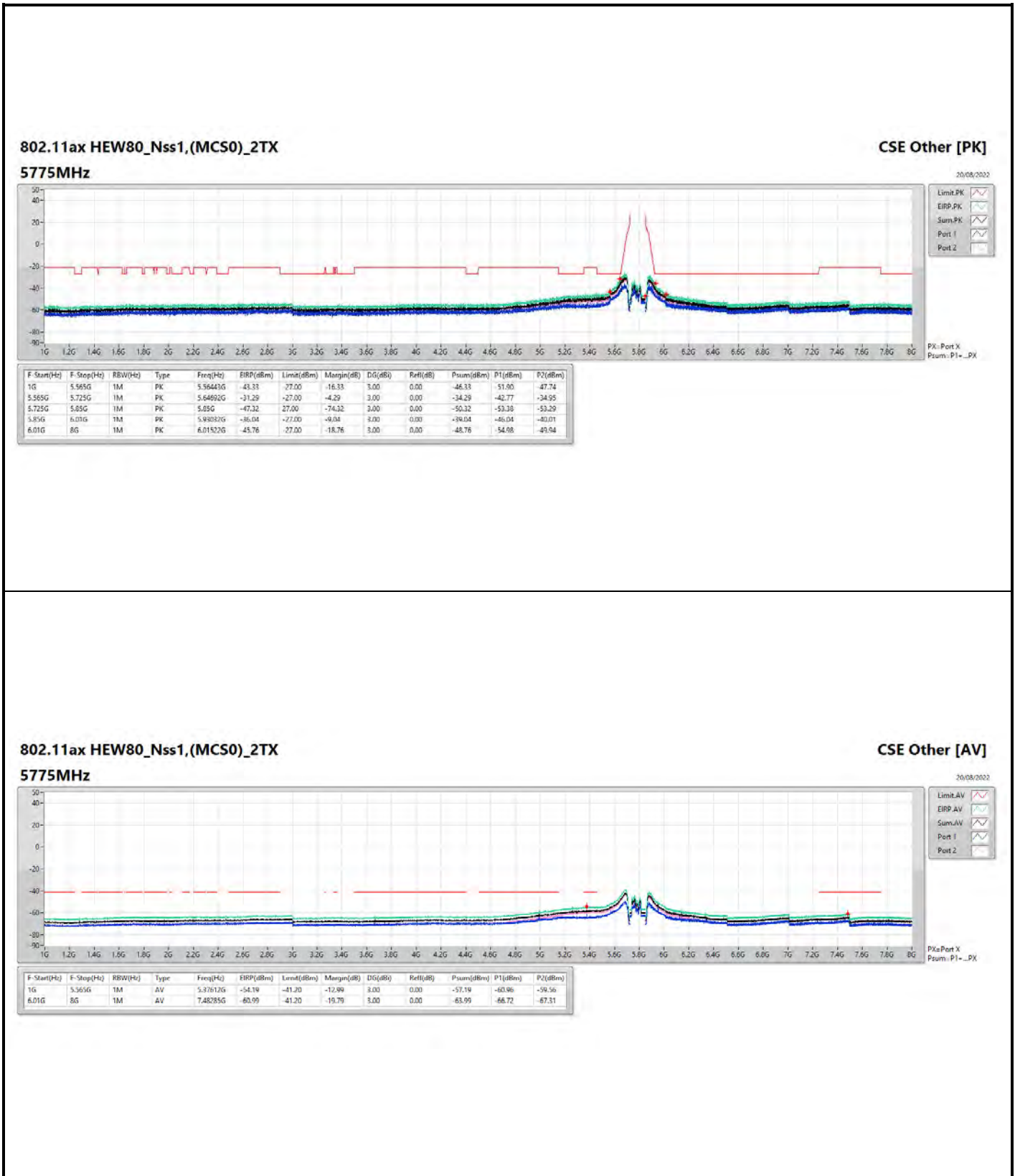


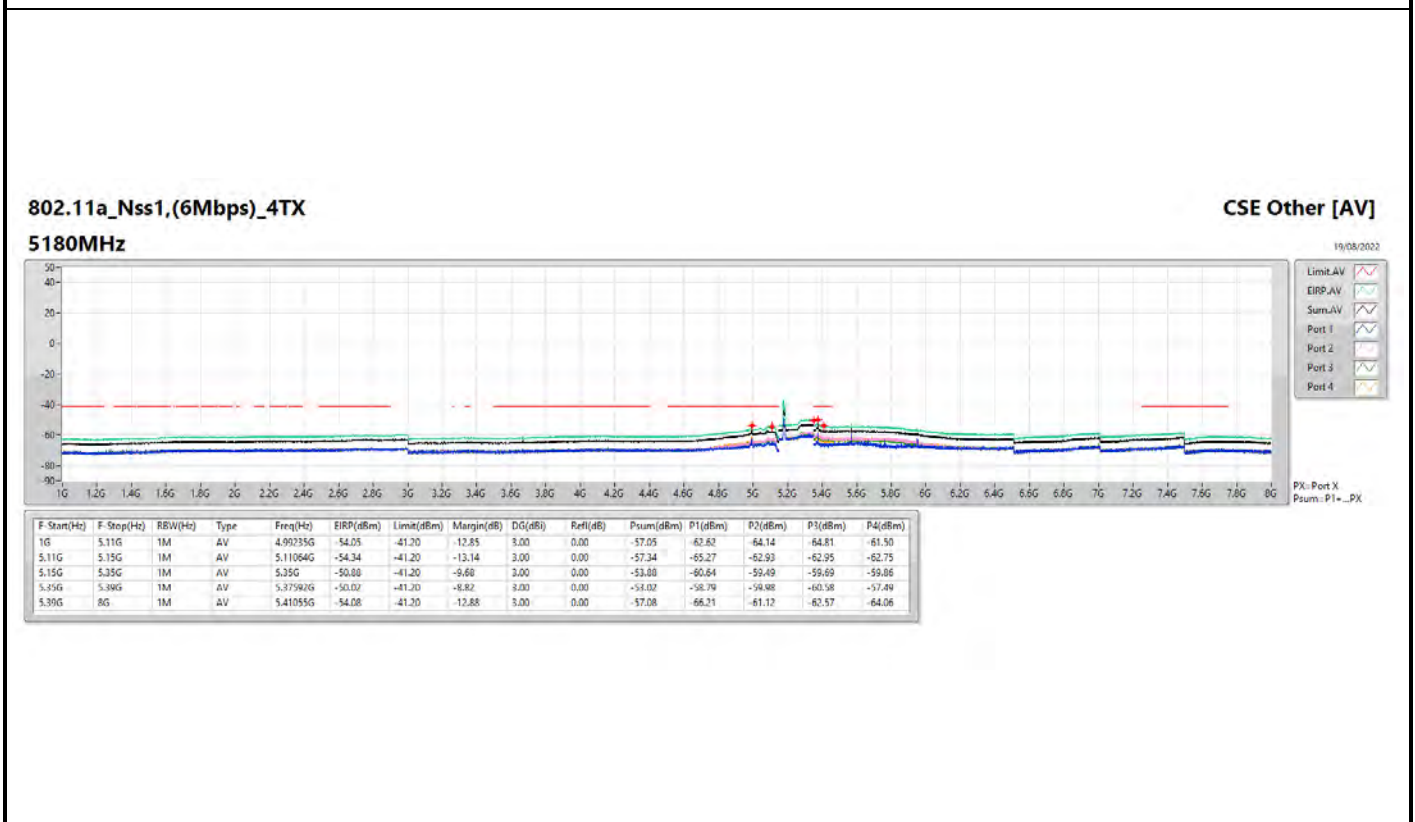
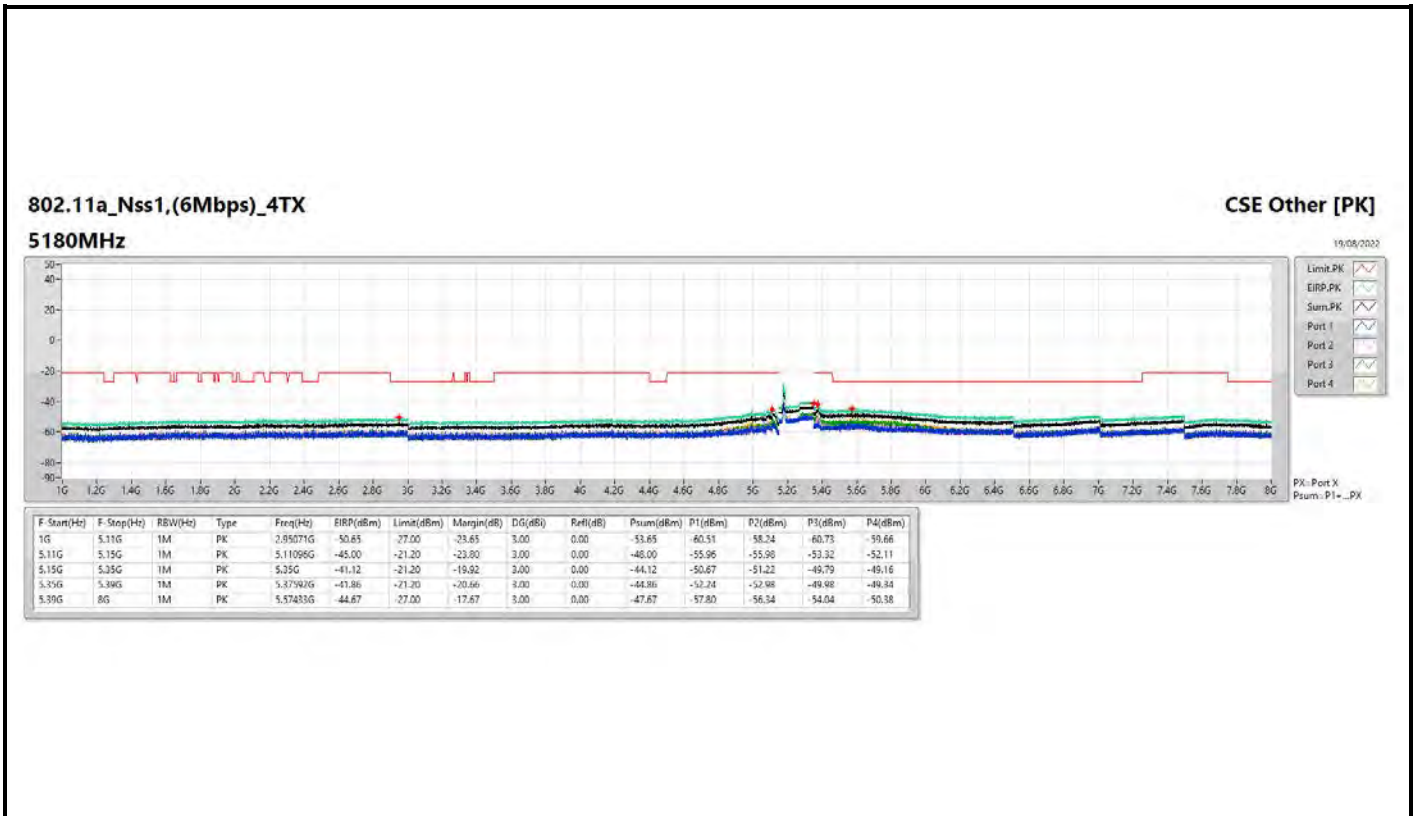


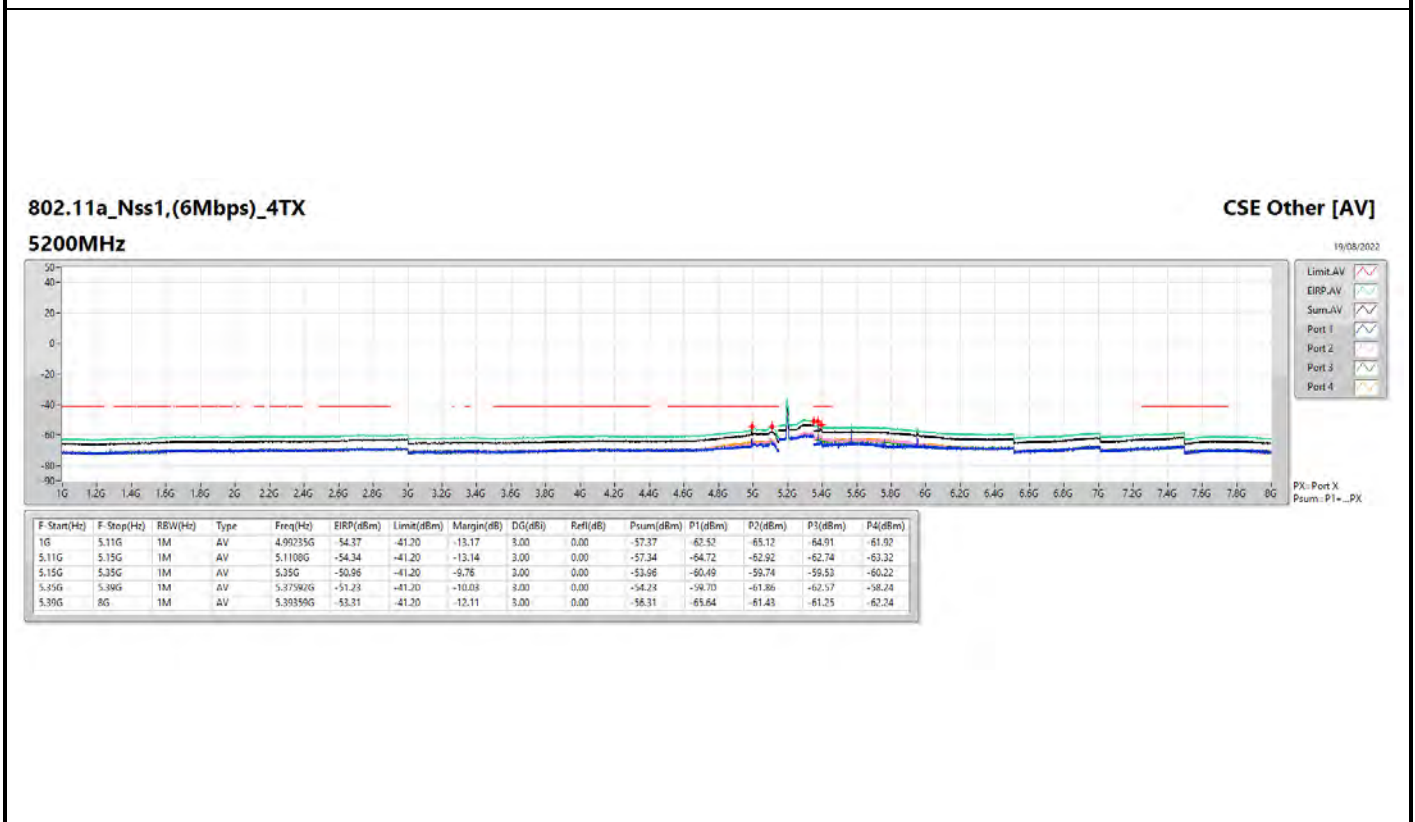
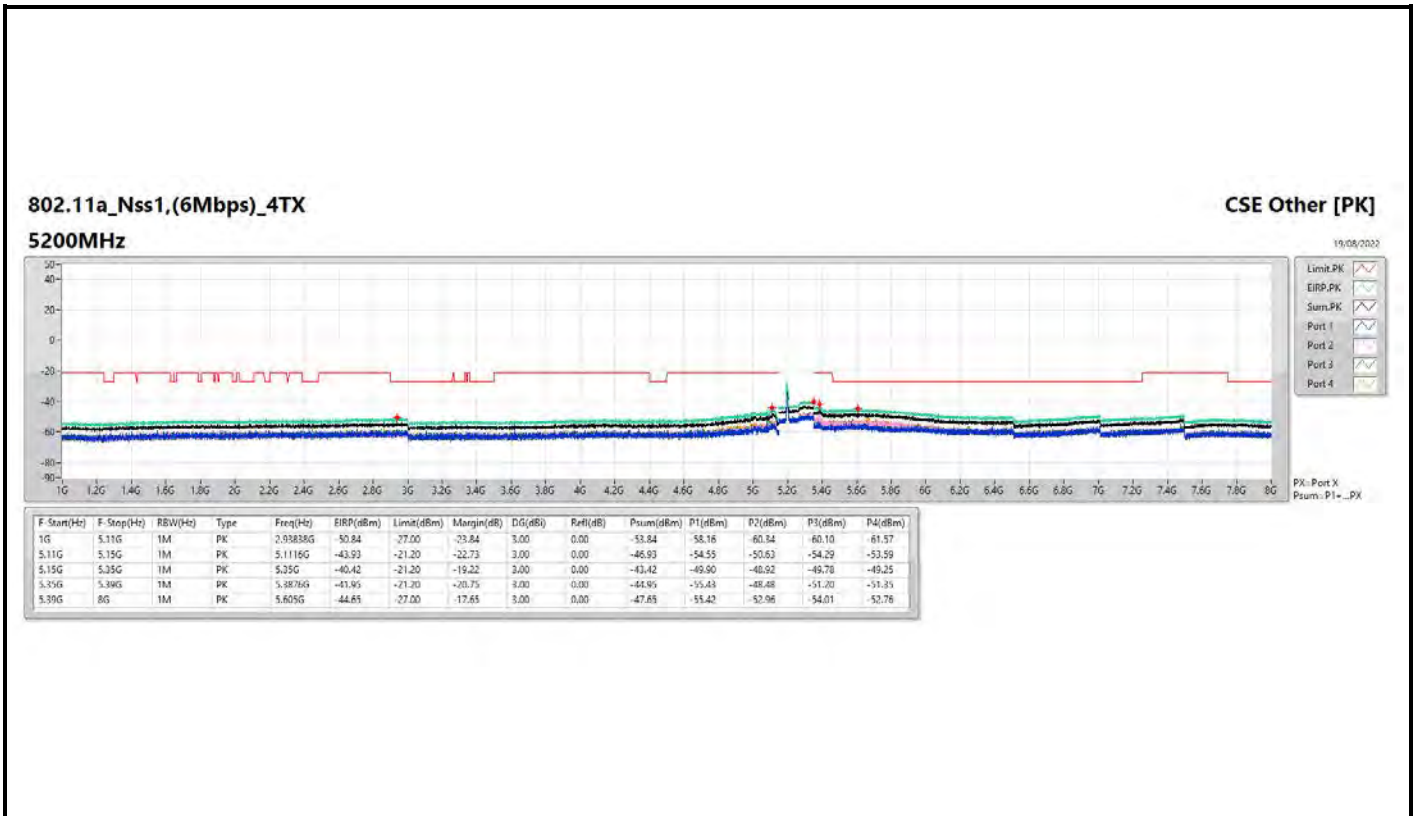


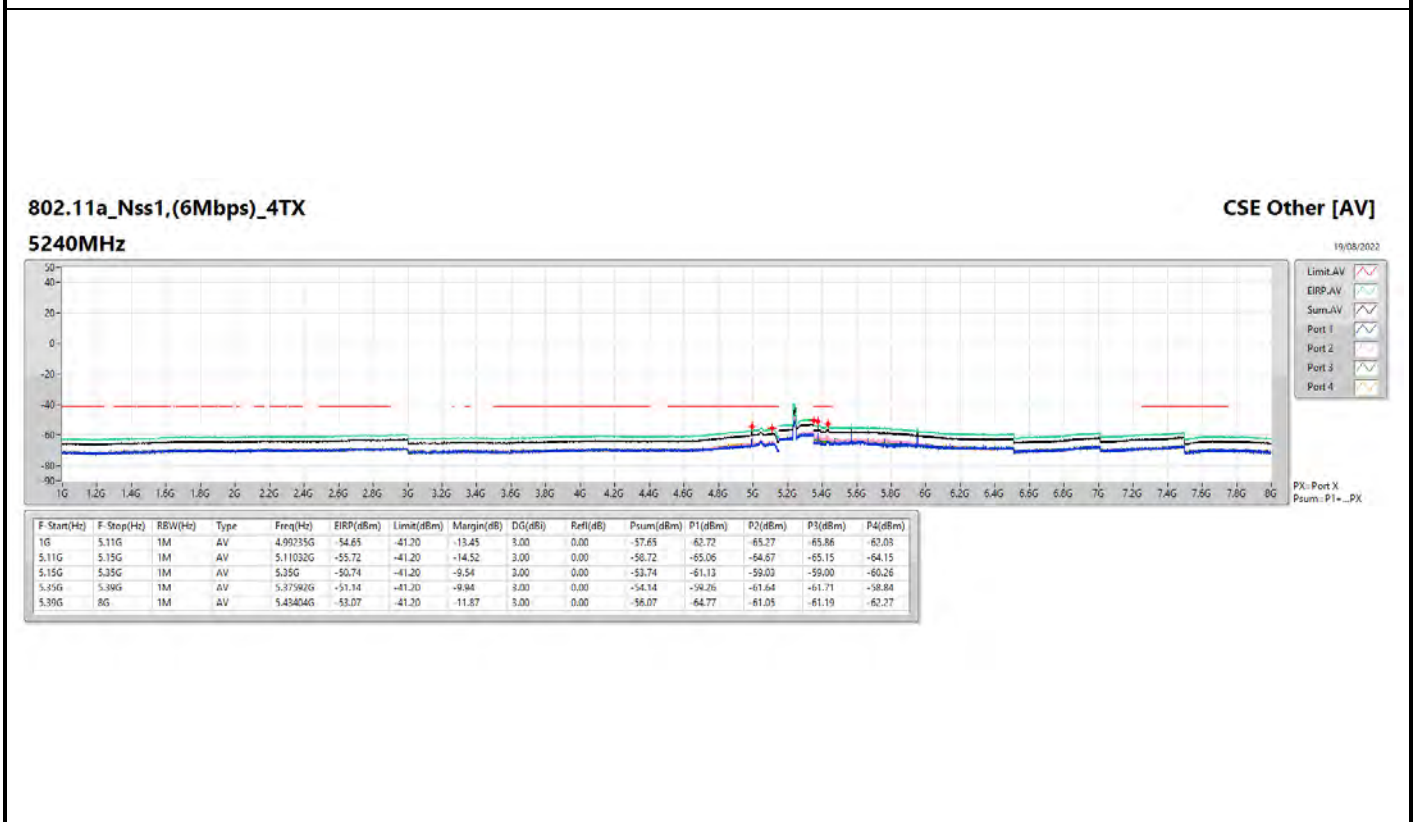
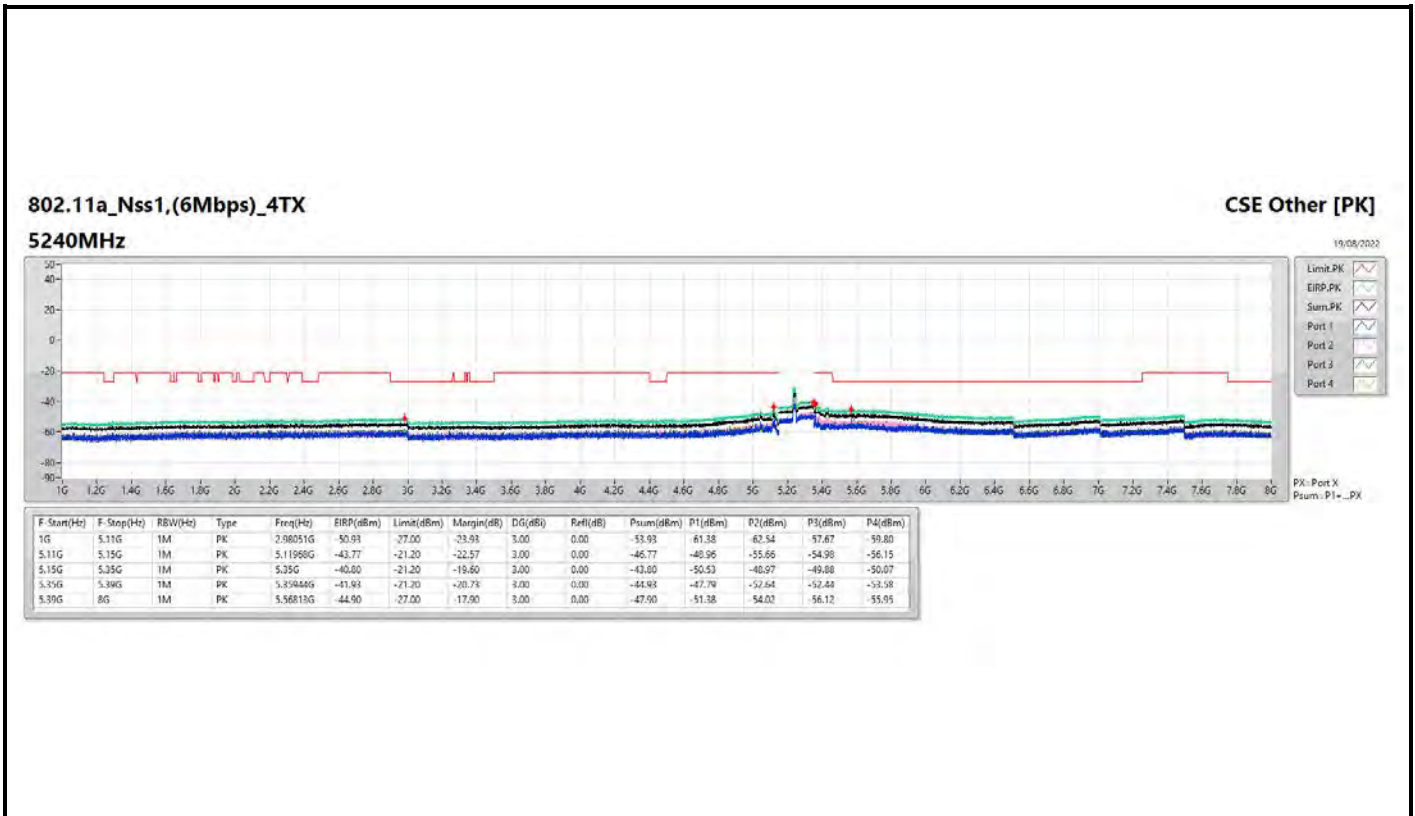


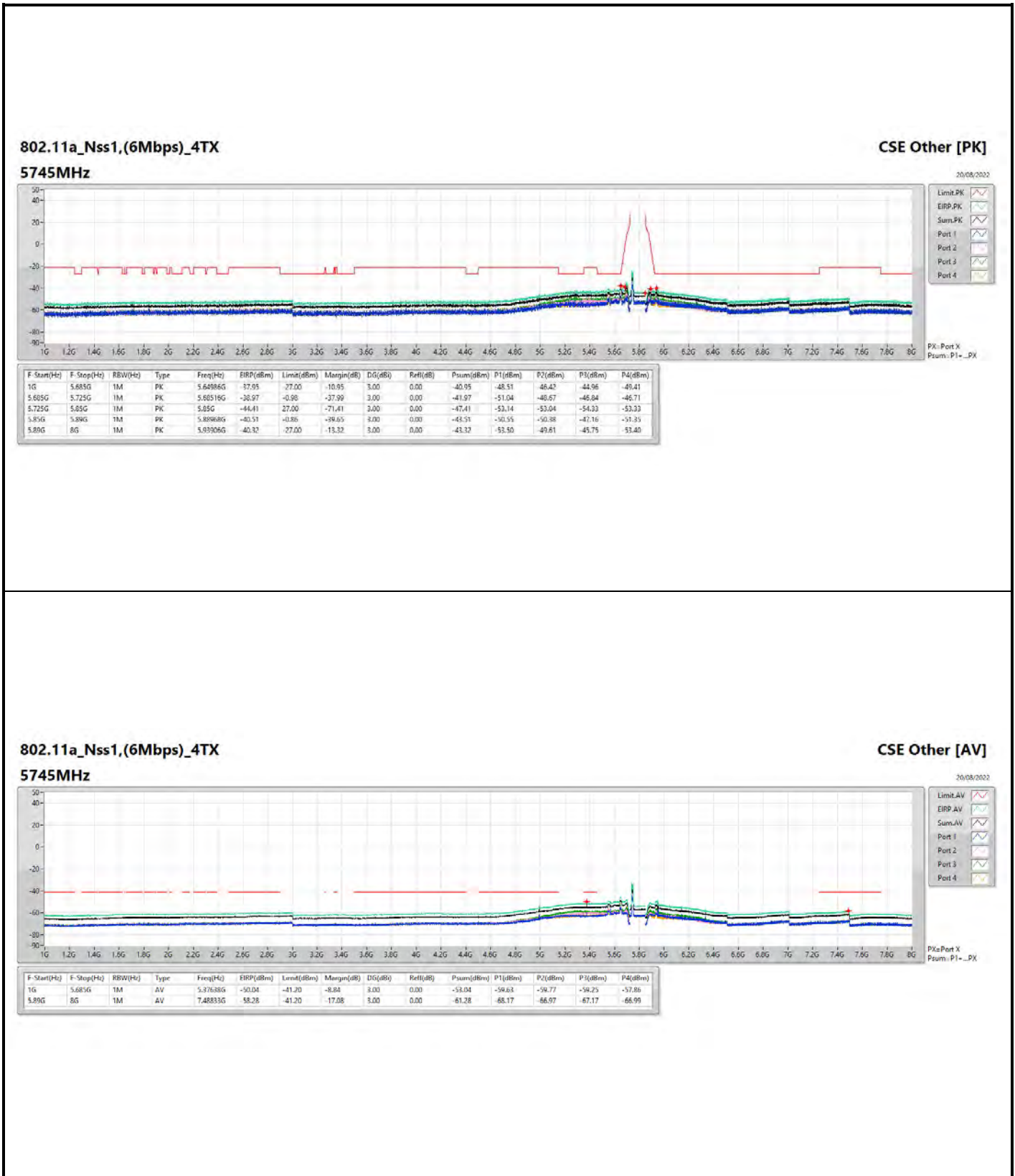


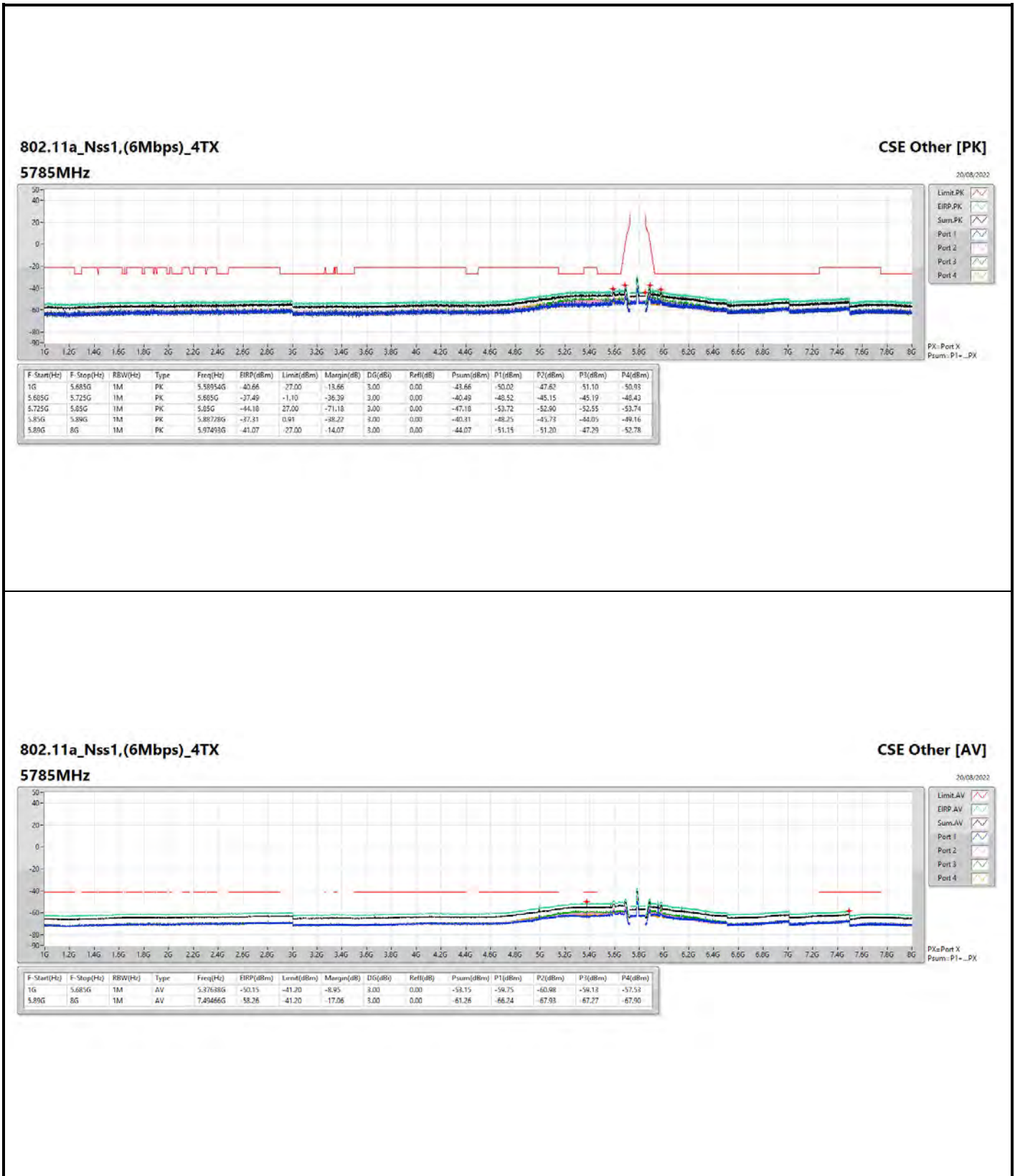




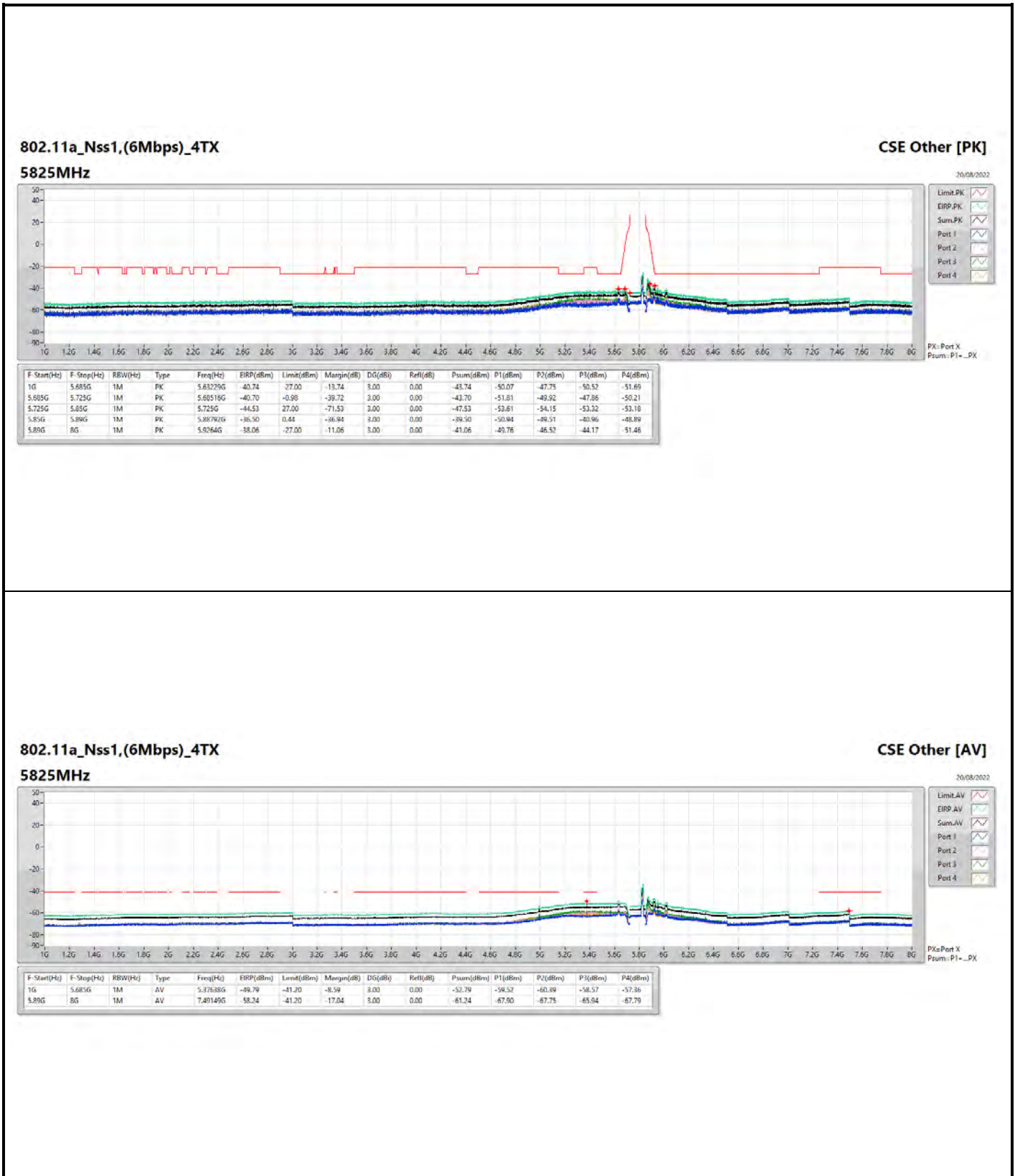


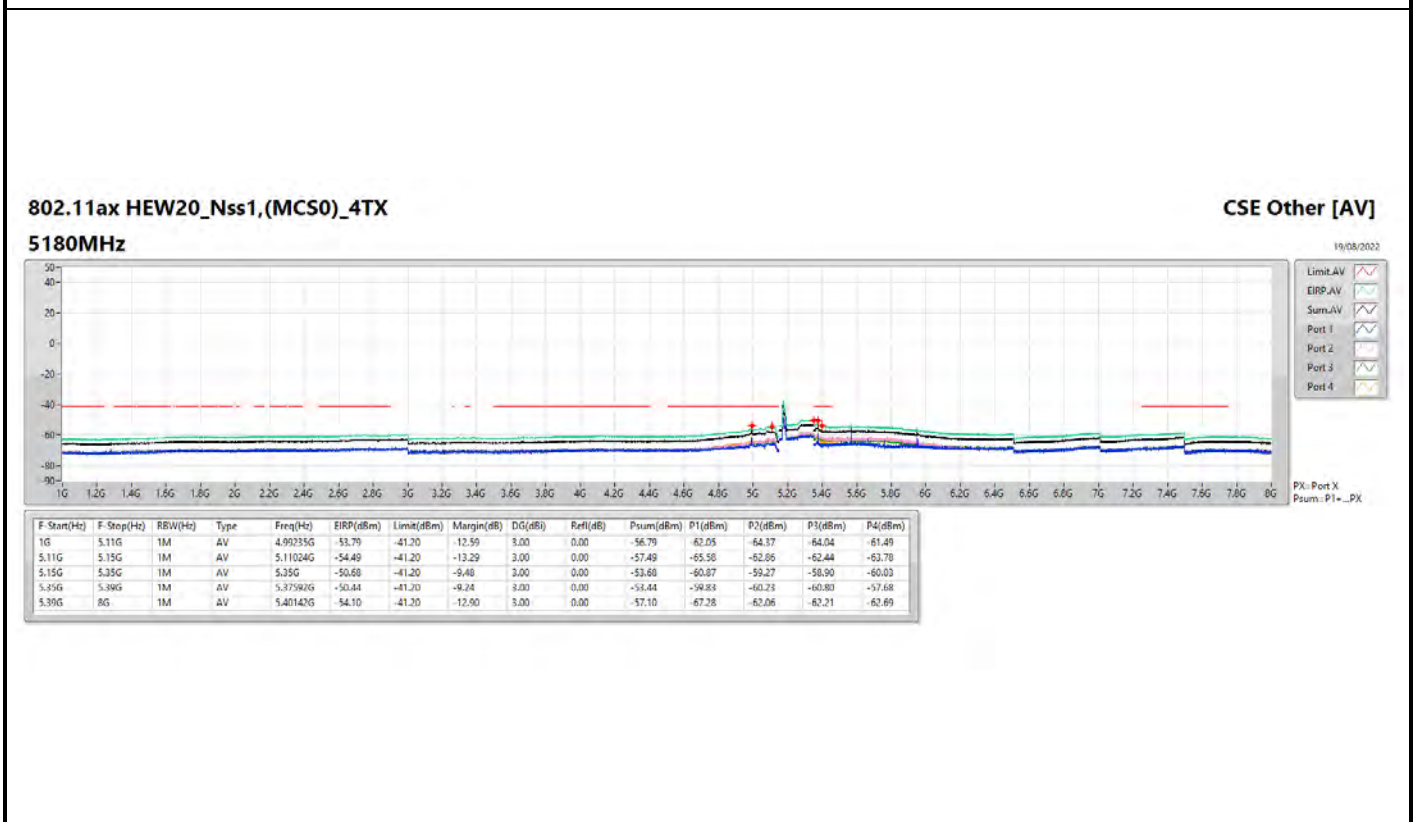
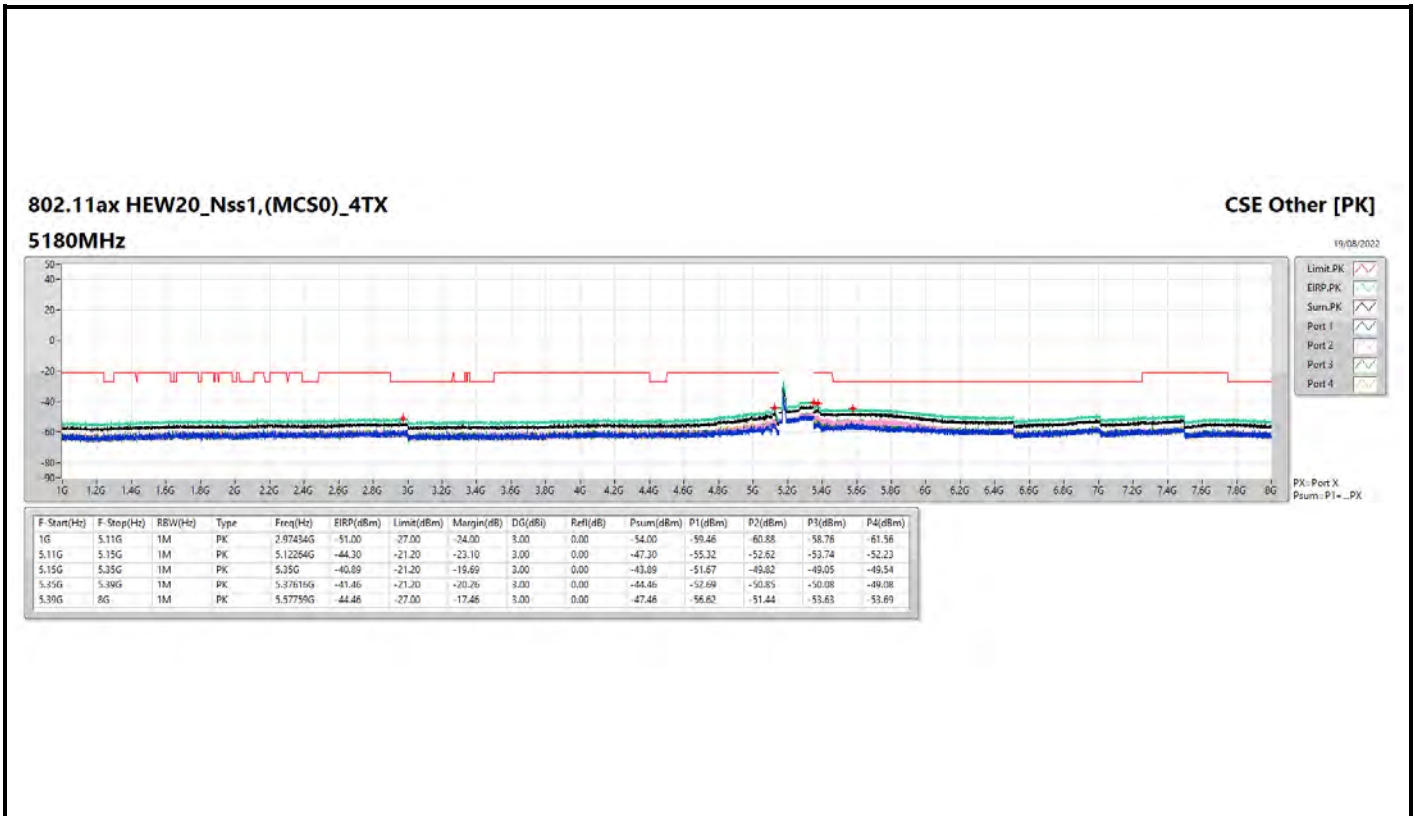


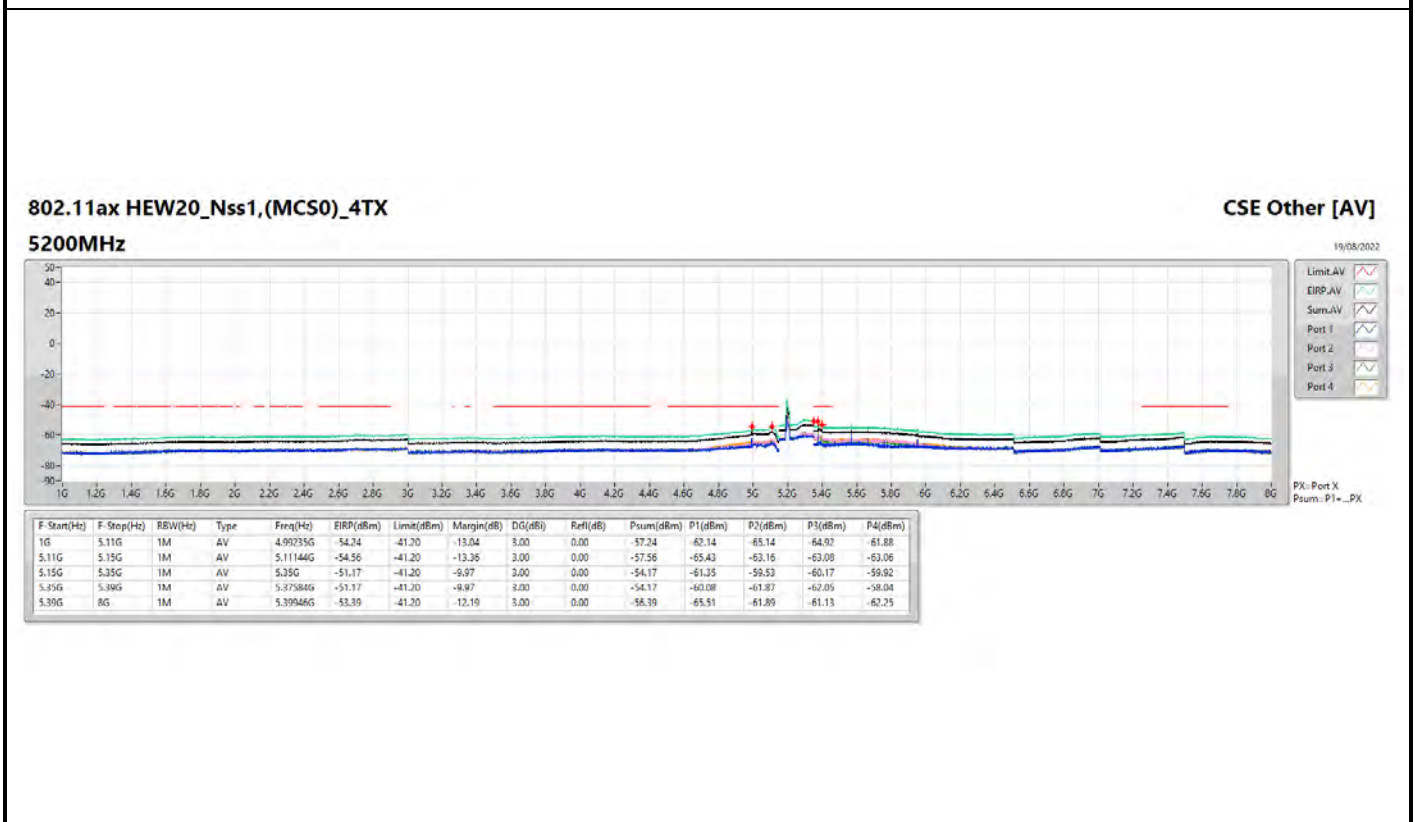
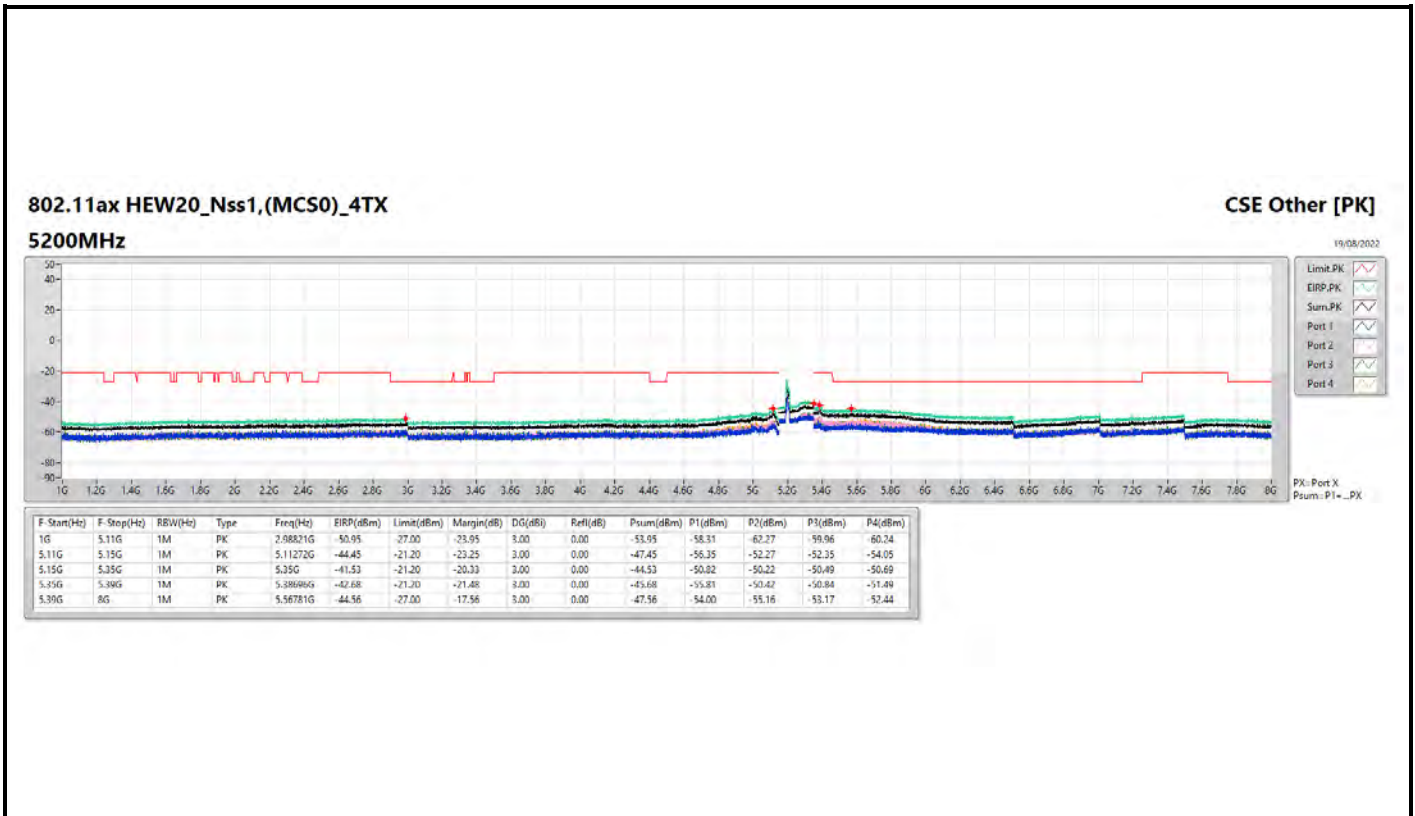


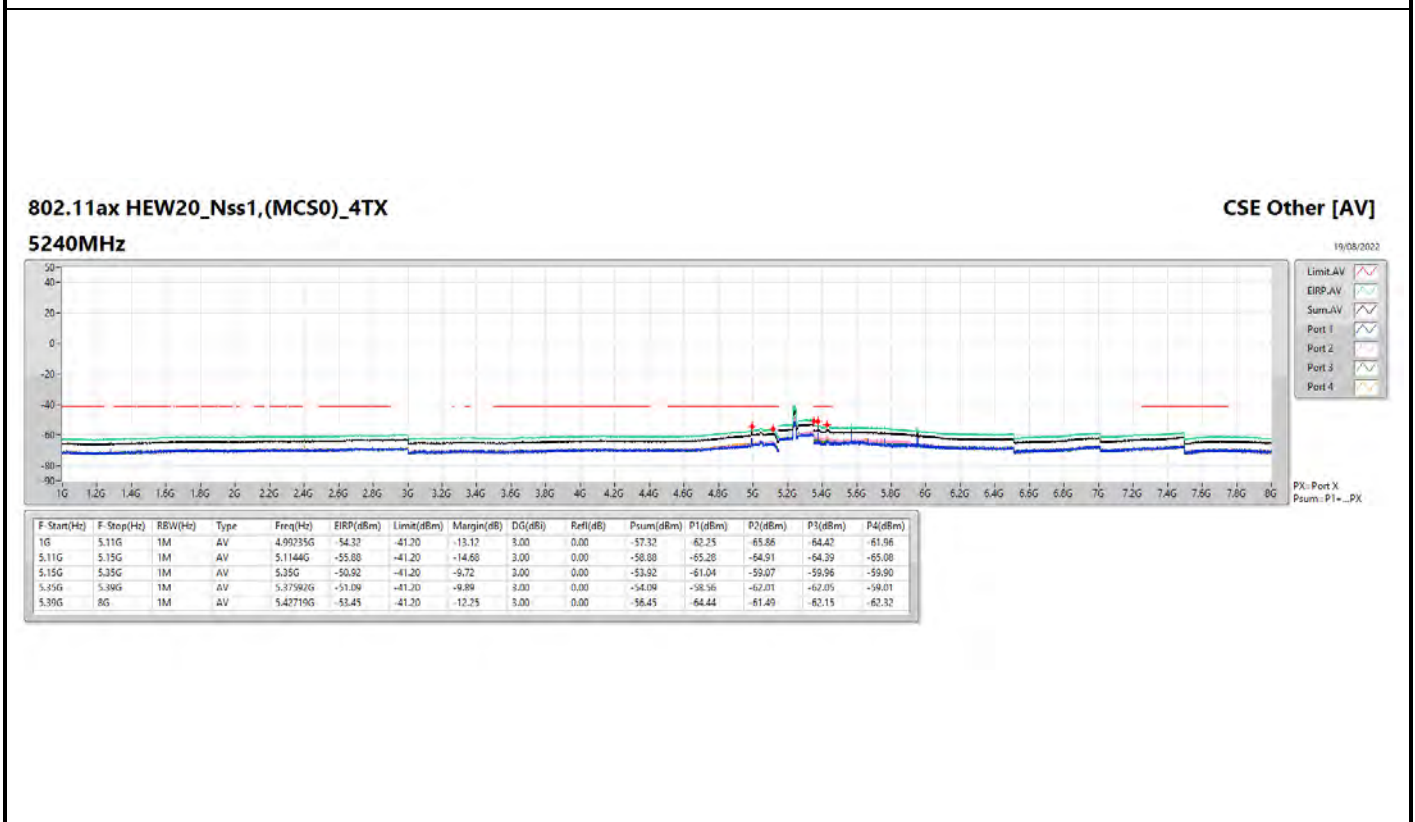
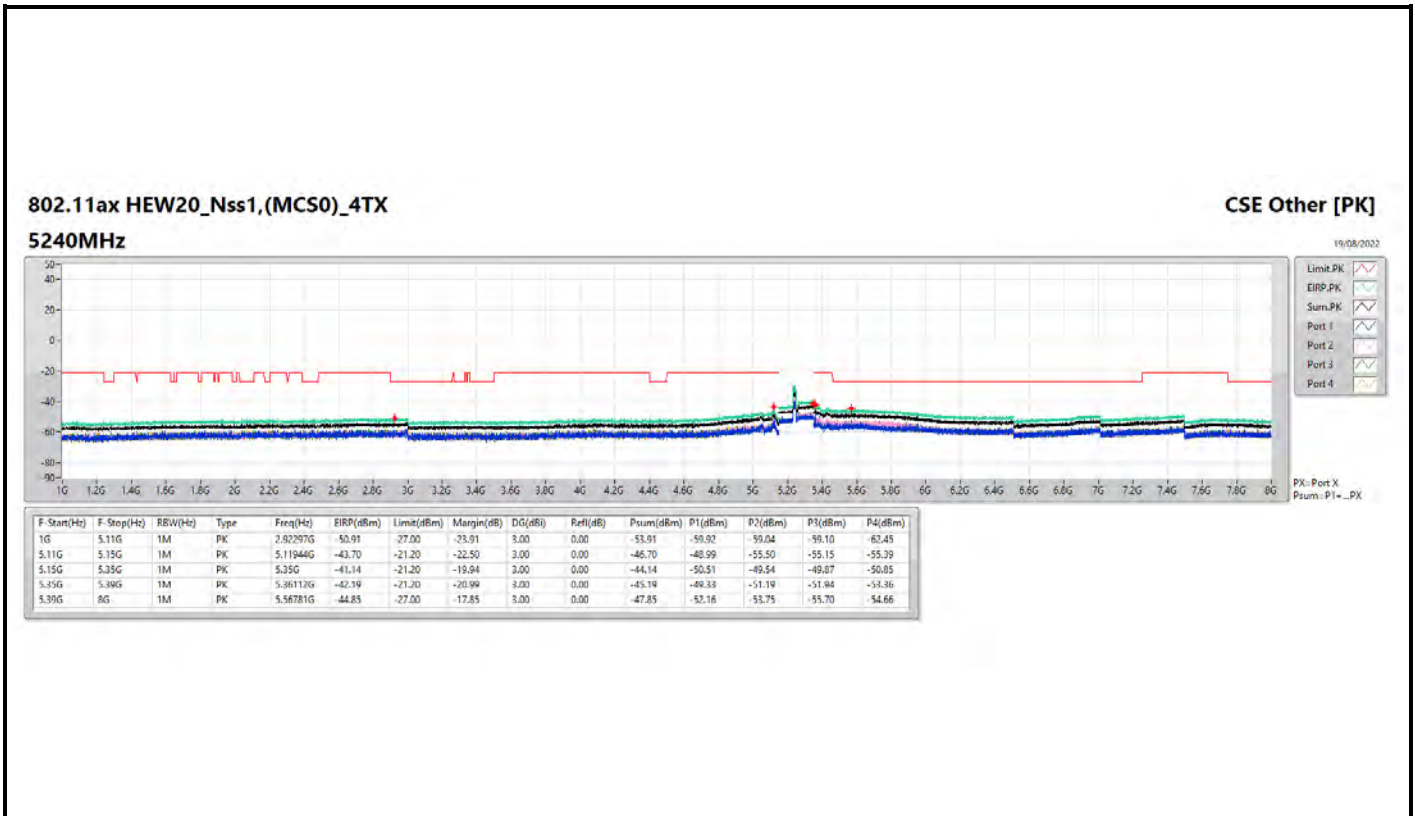


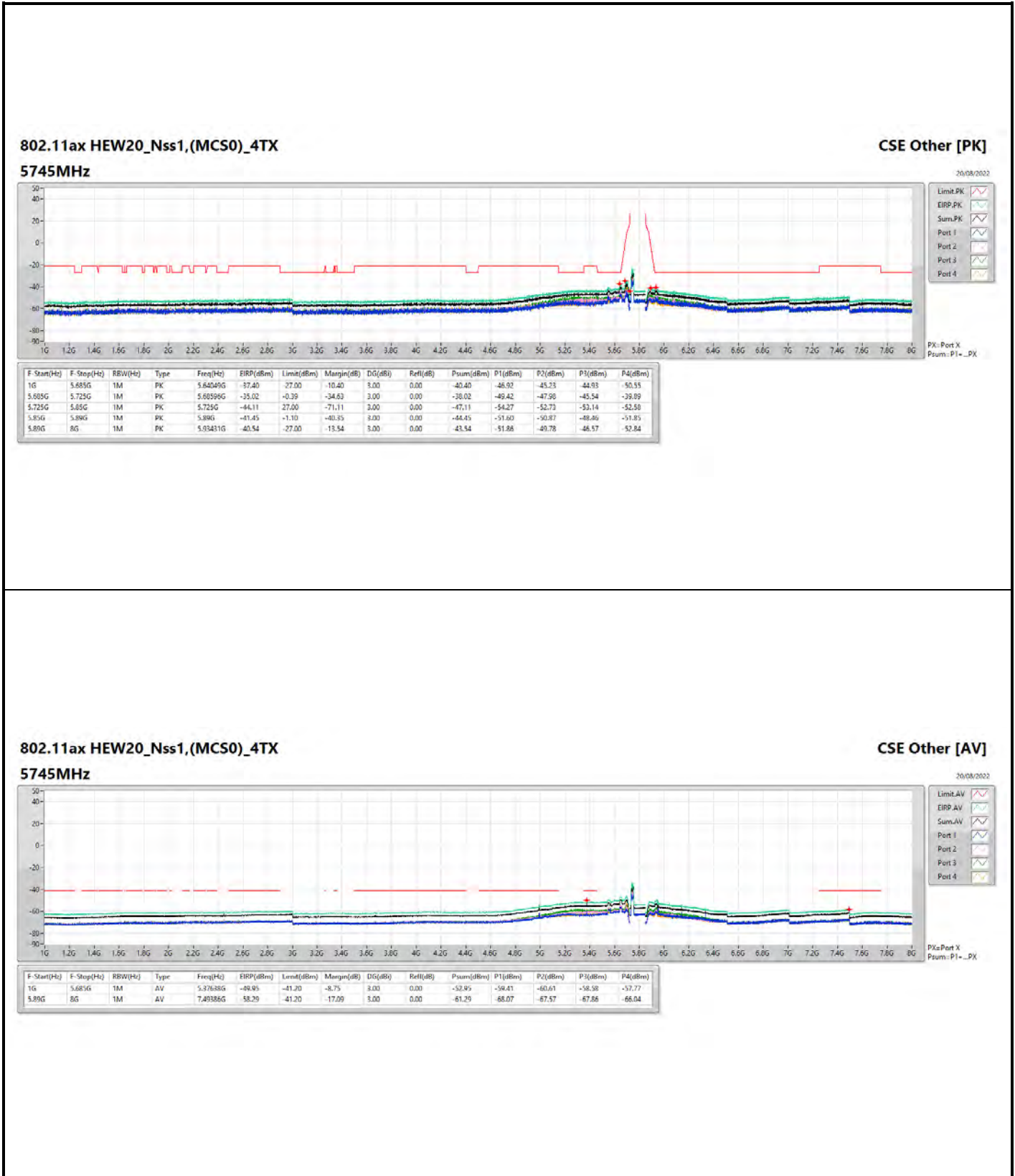


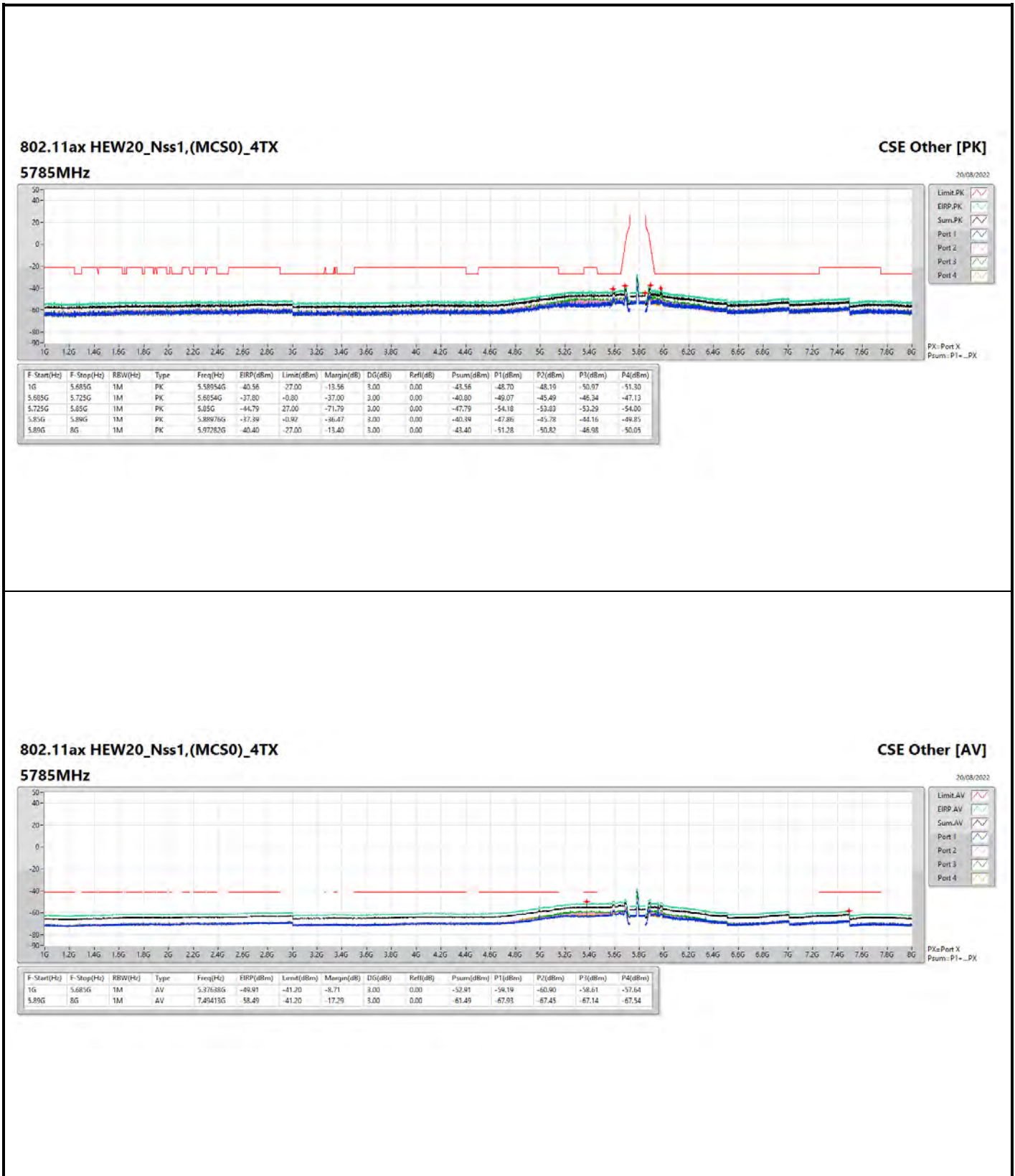












**802.11ax HEW20\_Nss1,(MCS0)\_4TX**

**5785MHz**

**CSE Other [AV]**

20/08/2022

