



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz)_P to M_P to P**

Appendix F.6

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.36G	2.4G	AV	2.36376G	13.00	-58.79				-58.79	-45.79	-41.20	-4.59
802.11g_Nss1,(6Mbps)_1TX	Pass	2.36G	2.4G	AV	2.3624G	13.00	-59.06				-59.06	-46.06	-41.20	-4.86
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.36G	2.4G	AV	2.36936G	13.00	-58.96				-58.96	-45.96	-41.20	-4.76
802.11b_Nss1,(1Mbps)_2TX	Pass	1G	2.36G	AV	2.27449G	13.00	-67.46	-59.86			-59.16	-46.16	-41.20	-4.96
802.11g_Nss1,(6Mbps)_2TX	Pass	2.36G	2.4G	AV	2.3652G	13.00	-66.84	-62.25			-60.95	-47.95	-41.20	-6.75
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	1G	2.36G	AV	2.33059G	13.00	-68.45	-62.42			-61.45	-48.45	-41.20	-7.25
802.11b_Nss1,(1Mbps)_4TX	Pass	1G	2.36G	AV	2.2801G	13.00	-69.39	-61.20	-64.43	-65.64	-58.22	-45.22	-41.20	-4.02
802.11g_Nss1,(6Mbps)_4TX	Pass	1G	2.36G	AV	2.25596G	13.00	-69.50	-64.77	-63.15	-65.09	-59.07	-46.07	-41.20	-4.87
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	1G	2.36G	AV	2.20785G	13.00	-69.25	-68.03	-62.68	-64.63	-59.36	-46.36	-41.20	-5.16

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



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz)_P to M P to P**

Appendix F.6

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-59.28				-59.28	-46.28	-41.20	-5.08
2412MHz	Pass	2.36G	2.4G	AV	2.36376G	13.00	-58.79				-58.79	-45.79	-41.20	-4.59
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.27				-73.27	-60.27	-41.20	-19.07
2412MHz	Pass	2.4835G	2.5235G	AV	2.5203G	13.00	-61.74				-61.74	-48.74	-41.20	-7.54
2412MHz	Pass	2.5235G	3G	AV	2.52755G	13.00	-62.74				-62.74	-49.74	-41.20	-8.54
2412MHz	Pass	1G	2.36G	PK	2.29251G	13.00	-41.22				-41.22	-28.22	-21.20	-7.02
2412MHz	Pass	2.36G	2.4G	PK	2.36496G	13.00	-48.19				-48.19	-35.19	-21.20	-13.99
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.50				-63.50	-50.50	-21.20	-29.30
2412MHz	Pass	2.4835G	2.5235G	PK	2.5159G	13.00	-50.04				-50.04	-37.04	-21.20	-15.84
2412MHz	Pass	2.5235G	3G	PK	2.5316G	13.00	-45.58				-45.58	-32.58	-21.20	-11.38
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-60.31				-60.31	-47.31	-41.20	-6.11
2437MHz	Pass	2.36G	2.4G	AV	2.36216G	13.00	-61.29				-61.29	-48.29	-41.20	-7.09
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.63				-73.63	-60.63	-41.20	-19.43
2437MHz	Pass	2.4835G	2.5235G	AV	2.50886G	13.00	-63.22				-63.22	-50.22	-41.20	-9.02
2437MHz	Pass	2.5235G	3G	AV	2.55733G	13.00	-64.35				-64.35	-51.35	-41.20	-10.15
2437MHz	Pass	1G	2.36G	PK	2.31801G	13.00	-43.65				-43.65	-30.65	-21.20	-9.45
2437MHz	Pass	2.36G	2.4G	PK	2.36328G	13.00	-50.68				-50.68	-37.68	-21.20	-16.48
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.38				-63.38	-50.38	-21.20	-29.18
2437MHz	Pass	2.4835G	2.5235G	PK	2.50406G	13.00	-52.85				-52.85	-39.85	-21.20	-18.65
2437MHz	Pass	2.5235G	3G	PK	2.55674G	13.00	-48.99				-48.99	-35.99	-21.20	-14.79
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.31274G	13.00	-61.11				-61.11	-48.11	-41.20	-6.91
2462MHz	Pass	2.36G	2.4G	AV	2.36392G	13.00	-61.14				-61.14	-48.14	-41.20	-6.94
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.92				-73.92	-60.92	-41.20	-19.72
2462MHz	Pass	2.4835G	2.5235G	AV	2.49822G	13.00	-61.65				-61.65	-48.65	-41.20	-7.45
2462MHz	Pass	2.5235G	3G	AV	2.53053G	13.00	-64.37				-64.37	-51.37	-41.20	-10.17
2462MHz	Pass	1G	2.36G	PK	2.34283G	13.00	-43.72				-43.72	-30.72	-21.20	-9.52
2462MHz	Pass	2.36G	2.4G	PK	2.36128G	13.00	-51.14				-51.14	-38.14	-21.20	-16.94
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.94				-63.94	-50.94	-21.20	-29.74
2462MHz	Pass	2.4835G	2.5235G	PK	2.49958G	13.00	-51.50				-51.50	-38.50	-21.20	-17.30
2462MHz	Pass	2.5235G	3G	PK	2.58139G	13.00	-49.41				-49.41	-36.41	-21.20	-15.21
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-59.45				-59.45	-46.45	-41.20	-5.25
2412MHz	Pass	2.36G	2.4G	AV	2.36592G	13.00	-59.66				-59.66	-46.66	-41.20	-5.46
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.54				-73.54	-60.54	-41.20	-19.34
2412MHz	Pass	2.4835G	2.5235G	AV	2.50534G	13.00	-62.65				-62.65	-49.65	-41.20	-8.45
2412MHz	Pass	2.5235G	3G	AV	2.52493G	13.00	-63.46				-63.46	-50.46	-41.20	-9.26
2412MHz	Pass	1G	2.36G	PK	2.2937G	13.00	-44.00				-44.00	-31.00	-21.20	-9.80
2412MHz	Pass	2.36G	2.4G	PK	2.36936G	13.00	-48.61				-48.61	-35.61	-21.20	-14.41
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.85				-63.85	-50.85	-21.20	-29.65
2412MHz	Pass	2.4835G	2.5235G	PK	2.51478G	13.00	-51.86				-51.86	-38.86	-21.20	-17.66
2412MHz	Pass	2.5235G	3G	PK	2.53136G	13.00	-45.50				-45.50	-32.50	-21.20	-11.30
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.34215G	13.00	-59.29				-59.29	-46.29	-41.20	-5.09
2437MHz	Pass	2.36G	2.4G	AV	2.3624G	13.00	-59.06				-59.06	-46.06	-41.20	-4.86
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.71				-73.71	-60.71	-41.20	-19.51
2437MHz	Pass	2.4835G	2.5235G	AV	2.50318G	13.00	-60.61				-60.61	-47.61	-41.20	-6.41
2437MHz	Pass	2.5235G	3G	AV	2.52469G	13.00	-62.12				-62.12	-49.12	-41.20	-7.92
2437MHz	Pass	1G	2.36G	PK	2.31801G	13.00	-41.52				-41.52	-28.52	-21.20	-7.32
2437MHz	Pass	2.36G	2.4G	PK	2.3604G	13.00	-48.34				-48.34	-35.34	-21.20	-14.14
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-64.27				-64.27	-51.27	-21.20	-30.07
2437MHz	Pass	2.4835G	2.5235G	PK	2.5087G	13.00	-50.00				-50.00	-37.00	-21.20	-15.80
2437MHz	Pass	2.5235G	3G	PK	2.55662G	13.00	-44.80				-44.80	-31.80	-21.20	-10.60
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-62.53				-62.53	-49.53	-41.20	-8.33
2462MHz	Pass	2.36G	2.4G	AV	2.36584G	13.00	-62.81				-62.81	-49.81	-41.20	-8.61
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.27				-73.27	-60.27	-41.20	-19.07
2462MHz	Pass	2.4835G	2.5235G	AV	2.49742G	13.00	-62.75				-62.75	-49.75	-41.20	-8.55
2462MHz	Pass	2.5235G	3G	AV	2.52827G	13.00	-64.86				-64.86	-51.86	-41.20	-10.66
2462MHz	Pass	1G	2.36G	PK	2.34368G	13.00	-45.36				-45.36	-32.36	-21.20	-11.16
2462MHz	Pass	2.36G	2.4G	PK	2.36176G	13.00	-52.12				-52.12	-39.12	-21.20	-17.92
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.37				-63.37	-50.37	-21.20	-29.17
2462MHz	Pass	2.4835G	2.5235G	PK	2.4951G	13.00	-50.61				-50.61	-37.61	-21.20	-16.41
2462MHz	Pass	2.5235G	3G	PK	2.58223G	13.00	-50.03				-50.03	-37.03	-21.20	-15.83
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20819G	13.00	-62.47				-62.47	-49.47	-41.20	-8.27
2412MHz	Pass	2.36G	2.4G	AV	2.36496G	13.00	-62.52				-62.52	-49.52	-41.20	-8.32



CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz) P to M P to P

Appendix F.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.41				-73.41	-60.41	-41.20	-19.21
2412MHz	Pass	2.4835G	2.5235G	AV	2.51206G	13.00	-65.07				-65.07	-52.07	-41.20	-10.87
2412MHz	Pass	2.5235G	3G	AV	2.53232G	13.00	-66.84				-66.84	-53.84	-41.20	-12.64
2412MHz	Pass	1G	2.36G	PK	2.29506G	13.00	-50.40				-50.40	-37.40	-21.20	-16.20
2412MHz	Pass	2.36G	2.4G	PK	2.36232G	13.00	-52.05				-52.05	-39.05	-21.20	-17.85
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.50				-63.50	-50.50	-21.20	-29.30
2412MHz	Pass	2.4835G	2.5235G	PK	2.5015G	13.00	-54.37				-54.37	-41.37	-21.20	-20.17
2412MHz	Pass	2.5235G	3G	PK	2.53291G	13.00	-51.03				-51.03	-38.03	-21.20	-16.83
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.31682G	13.00	-59.00				-59.00	-46.00	-41.20	-4.80
2437MHz	Pass	2.36G	2.4G	AV	2.36936G	13.00	-58.96				-58.96	-45.96	-41.20	-4.76
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.48				-73.48	-60.48	-41.20	-19.28
2437MHz	Pass	2.4835G	2.5235G	AV	2.50302G	13.00	-60.66				-60.66	-47.66	-41.20	-6.46
2437MHz	Pass	2.5235G	3G	AV	2.5372G	13.00	-62.70				-62.70	-49.70	-41.20	-8.50
2437MHz	Pass	1G	2.36G	PK	2.3158G	13.00	-42.68				-42.68	-29.68	-21.20	-8.48
2437MHz	Pass	2.36G	2.4G	PK	2.37104G	13.00	-48.05				-48.05	-35.05	-21.20	-13.85
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.81				-63.81	-50.81	-21.20	-29.61
2437MHz	Pass	2.4835G	2.5235G	PK	2.50598G	13.00	-49.21				-49.21	-36.21	-21.20	-15.01
2437MHz	Pass	2.5235G	3G	PK	2.55686G	13.00	-46.37				-46.37	-33.37	-21.20	-12.17
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-65.31				-65.31	-52.31	-41.20	-11.11
2462MHz	Pass	2.36G	2.4G	AV	2.36784G	13.00	-65.98				-65.98	-52.98	-41.20	-11.78
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.84				-73.84	-60.84	-41.20	-19.64
2462MHz	Pass	2.4835G	2.5235G	AV	2.49614G	13.00	-64.35				-64.35	-51.35	-41.20	-10.15
2462MHz	Pass	2.5235G	3G	AV	2.52433G	13.00	-65.69				-65.69	-52.69	-41.20	-11.49
2462MHz	Pass	1G	2.36G	PK	2.34147G	13.00	-51.48				-51.48	-38.48	-21.20	-17.28
2462MHz	Pass	2.36G	2.4G	PK	2.362G	13.00	-55.24				-55.24	-42.24	-21.20	-21.04
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.71				-63.71	-50.71	-21.20	-29.51
2462MHz	Pass	2.4835G	2.5235G	PK	2.49702G	13.00	-52.11				-52.11	-39.11	-21.20	-17.91
2462MHz	Pass	2.5235G	3G	PK	2.58151G	13.00	-54.46				-54.46	-41.46	-21.20	-20.26
802.11b_Nss1_(1Mbps)_2TX														
2412MHz	Pass	1G	2.36G	AV	2.29013G	13.00	-67.92	-63.38			-62.07	-49.07	-41.20	-7.87
2412MHz	Pass	2.36G	2.4G	AV	2.36552G	13.00	-67.15	-63.76			-62.12	-49.12	-41.20	-7.92
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.48	-73.72			-70.59	-57.59	-41.20	-16.39
2412MHz	Pass	2.4835G	2.5235G	AV	2.51102G	13.00	-68.35	-66.41			-64.26	-51.26	-41.20	-10.06
2412MHz	Pass	2.5235G	3G	AV	2.53398G	13.00	-70.69	-67.62			-65.88	-52.88	-41.20	-11.68
2412MHz	Pass	1G	2.36G	PK	2.292G	13.00	-49.57	-55.45			-48.57	-35.57	-21.20	-14.37
2412MHz	Pass	2.36G	2.4G	PK	2.368G	13.00	-55.51	-54.32			-51.86	-38.86	-21.20	-17.66
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.48	-62.52			-59.96	-46.96	-21.20	-25.76
2412MHz	Pass	2.4835G	2.5235G	PK	2.51846G	13.00	-59.90	-55.24			-53.96	-40.96	-21.20	-19.76
2412MHz	Pass	2.5235G	3G	PK	2.53267G	13.00	-53.35	-59.04			-52.31	-39.31	-21.20	-18.11
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.26905G	13.00	-69.56	-60.63			-60.11	-47.11	-41.20	-5.91
2437MHz	Pass	2.36G	2.4G	AV	2.36576G	13.00	-68.67	-61.56			-60.79	-47.79	-41.20	-6.59
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.96	-73.73			-70.83	-57.83	-41.20	-16.63
2437MHz	Pass	2.4835G	2.5235G	AV	2.5151G	13.00	-70.14	-63.21			-62.41	-49.41	-41.20	-8.21
2437MHz	Pass	2.5235G	3G	AV	2.54327G	13.00	-72.43	-64.63			-63.96	-50.96	-41.20	-9.76
2437MHz	Pass	1G	2.36G	PK	2.2784G	13.00	-60.79	-49.68			-49.36	-36.36	-21.20	-15.16
2437MHz	Pass	2.36G	2.4G	PK	2.37296G	13.00	-58.71	-50.90			-50.23	-37.23	-21.20	-16.03
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.57	-63.07			-60.30	-47.30	-21.20	-26.10
2437MHz	Pass	2.4835G	2.5235G	PK	2.5071G	13.00	-61.00	-52.19			-51.65	-38.65	-21.20	-17.45
2437MHz	Pass	2.5235G	3G	PK	2.61975G	13.00	-62.92	-52.66			-52.27	-39.27	-21.20	-18.07
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.27449G	13.00	-67.46	-59.86			-59.16	-46.16	-41.20	-4.96
2462MHz	Pass	2.36G	2.4G	AV	2.36464G	13.00	-66.62	-61.42			-60.27	-47.27	-41.20	-6.07
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.59	-73.83			-70.70	-57.70	-41.20	-16.50
2462MHz	Pass	2.4835G	2.5235G	AV	2.51238G	13.00	-67.90	-62.32			-61.26	-48.26	-41.20	-7.06
2462MHz	Pass	2.5235G	3G	AV	2.52445G	13.00	-70.00	-63.48			-62.61	-49.61	-41.20	-8.41
2462MHz	Pass	1G	2.36G	PK	2.34351G	13.00	-50.21	-52.55			-48.21	-35.21	-21.20	-14.01
2462MHz	Pass	2.36G	2.4G	PK	2.36424G	13.00	-56.03	-50.60			-49.51	-36.51	-21.20	-15.31
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-64.27	-64.40			-61.32	-48.32	-21.20	-27.12
2462MHz	Pass	2.4835G	2.5235G	PK	2.50486G	13.00	-57.71	-51.77			-50.78	-37.78	-21.20	-16.58
2462MHz	Pass	2.5235G	3G	PK	2.58116G	13.00	-54.42	-54.67			-51.53	-38.53	-21.20	-17.33
802.11g_Nss1_(6Mbps)_2TX														
2412MHz	Pass	1G	2.36G	AV	2.26888G	13.00	-69.24	-62.26			-61.47	-48.47	-41.20	-7.27
2412MHz	Pass	2.36G	2.4G	AV	2.36224G	13.00	-67.21	-62.34			-61.12	-48.12	-41.20	-6.92
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.44	-73.64			-70.53	-57.53	-41.20	-16.33
2412MHz	Pass	2.4835G	2.5235G	AV	2.50398G	13.00	-68.68	-64.63			-63.19	-50.19	-41.20	-8.99
2412MHz	Pass	2.5235G	3G	AV	2.53899G	13.00	-71.99	-65.70			-64.78	-51.78	-41.20	-10.58
2412MHz	Pass	1G	2.36G	PK	2.29234G	13.00	-50.47	-55.53			-49.29	-36.29	-21.20	-15.09



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz) P to M P to P**

Appendix F.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.36G	2.4G	PK	2.37088G	13.00	-56.66	-51.82			-50.59	-37.59	-21.20	-16.39
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-62.79	-63.00			-59.88	-46.88	-21.20	-25.68
2412MHz	Pass	2.4835G	2.5235G	PK	2.51158G	13.00	-59.01	-53.51			-52.43	-39.43	-21.20	-18.23
2412MHz	Pass	2.5235G	3G	PK	2.53196G	13.00	-55.16	-56.16			-52.62	-39.62	-21.20	-18.42
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.27364G	13.00	-68.53	-61.82			-60.98	-47.98	-41.20	-6.78
2437MHz	Pass	2.36G	2.4G	AV	2.3652G	13.00	-66.84	-62.25			-60.95	-47.95	-41.20	-6.75
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.47	-73.78			-70.61	-57.61	-41.20	-16.41
2437MHz	Pass	2.4835G	2.5235G	AV	2.51486G	13.00	-68.30	-64.09			-62.69	-49.69	-41.20	-8.49
2437MHz	Pass	2.5235G	3G	AV	2.53124G	13.00	-71.45	-65.04			-64.15	-51.15	-41.20	-9.95
2437MHz	Pass	1G	2.36G	PK	2.26684G	13.00	-60.73	-49.76			-49.43	-36.43	-21.20	-15.23
2437MHz	Pass	2.36G	2.4G	PK	2.36864G	13.00	-57.89	-51.59			-50.68	-37.68	-21.20	-16.48
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.74	-63.95			-60.83	-47.83	-21.20	-26.63
2437MHz	Pass	2.4835G	2.5235G	PK	2.5091G	13.00	-58.85	-53.49			-52.38	-39.38	-21.20	-18.18
2437MHz	Pass	2.5235G	3G	PK	2.55828G	13.00	-55.25	-55.31			-52.27	-39.27	-21.20	-18.07
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.29829G	13.00	-70.28	-63.18			-62.41	-49.41	-41.20	-8.21
2462MHz	Pass	2.36G	2.4G	AV	2.36344G	13.00	-69.37	-62.75			-61.89	-48.89	-41.20	-7.69
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.66	-73.56			-70.60	-57.60	-41.20	-16.40
2462MHz	Pass	2.4835G	2.5235G	AV	2.51182G	13.00	-70.46	-63.89			-63.03	-50.03	-41.20	-8.83
2462MHz	Pass	2.5235G	3G	AV	2.53077G	13.00	-73.40	-64.67			-64.12	-51.12	-41.20	-9.92
2462MHz	Pass	1G	2.36G	PK	2.3413G	13.00	-53.70	-59.55			-52.70	-39.70	-21.20	-18.50
2462MHz	Pass	2.36G	2.4G	PK	2.36048G	13.00	-58.52	-54.55			-53.09	-40.09	-21.20	-18.89
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-62.89	-63.94			-60.37	-47.37	-21.20	-26.17
2462MHz	Pass	2.4835G	2.5235G	PK	2.51798G	13.00	-59.38	-56.06			-54.40	-41.40	-21.20	-20.20
2462MHz	Pass	2.5235G	3G	PK	2.53768G	13.00	-63.56	-57.03			-56.16	-43.16	-21.20	-21.96
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-68.47	-66.29			-64.23	-51.23	-41.20	-10.03
2412MHz	Pass	2.36G	2.4G	AV	2.36096G	13.00	-69.17	-65.48			-63.93	-50.93	-41.20	-9.73
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.64	-73.63			-70.62	-57.62	-41.20	-16.42
2412MHz	Pass	2.4835G	2.5235G	AV	2.50686G	13.00	-70.66	-67.39			-65.71	-52.71	-41.20	-11.51
2412MHz	Pass	2.5235G	3G	AV	2.53303G	13.00	-73.89	-68.50			-67.40	-54.40	-41.20	-13.20
2412MHz	Pass	1G	2.36G	PK	2.29081G	13.00	-62.84	-54.66			-54.05	-41.05	-21.20	-19.85
2412MHz	Pass	2.36G	2.4G	PK	2.37544G	13.00	-60.21	-52.04			-51.42	-38.42	-21.20	-17.22
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.37	-63.06			-60.20	-47.20	-21.20	-26.00
2412MHz	Pass	2.4835G	2.5235G	PK	2.50822G	13.00	-61.03	-55.90			-54.74	-41.74	-21.20	-20.54
2412MHz	Pass	2.5235G	3G	PK	2.53279G	13.00	-58.33	-60.08			-56.11	-43.11	-21.20	-21.91
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.33059G	13.00	-68.45	-62.42			-61.45	-48.45	-41.20	-7.25
2437MHz	Pass	2.36G	2.4G	AV	2.3668G	13.00	-67.83	-62.75			-61.58	-48.58	-41.20	-7.38
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.54	-73.65			-70.58	-57.58	-41.20	-16.38
2437MHz	Pass	2.4835G	2.5235G	AV	2.50182G	13.00	-69.27	-63.92			-62.81	-49.81	-41.20	-8.61
2437MHz	Pass	2.5235G	3G	AV	2.53434G	13.00	-72.04	-65.29			-64.46	-51.46	-41.20	-10.26
2437MHz	Pass	1G	2.36G	PK	2.24661G	13.00	-60.96	-51.89			-51.38	-38.38	-21.20	-17.18
2437MHz	Pass	2.36G	2.4G	PK	2.37208G	13.00	-58.81	-51.96			-51.14	-38.14	-21.20	-16.94
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.89	-63.45			-60.65	-47.65	-21.20	-26.45
2437MHz	Pass	2.4835G	2.5235G	PK	2.50758G	13.00	-58.84	-53.69			-52.53	-39.53	-21.20	-18.33
2437MHz	Pass	2.5235G	3G	PK	2.55507G	13.00	-55.40	-56.48			-52.90	-39.90	-21.20	-18.70
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.33773G	13.00	-70.20	-66.02			-64.62	-51.62	-41.20	-10.42
2462MHz	Pass	2.36G	2.4G	AV	2.36024G	13.00	-70.08	-65.90			-64.50	-51.50	-41.20	-10.30
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.72	-73.48			-70.59	-57.59	-41.20	-16.39
2462MHz	Pass	2.4835G	2.5235G	AV	2.50686G	13.00	-70.20	-66.96			-65.27	-52.27	-41.20	-11.07
2462MHz	Pass	2.5235G	3G	AV	2.52862G	13.00	-74.06	-67.90			-66.96	-53.96	-41.20	-12.76
2462MHz	Pass	1G	2.36G	PK	2.32481G	13.00	-62.58	-55.12			-54.40	-41.40	-21.20	-20.20
2462MHz	Pass	2.36G	2.4G	PK	2.3604G	13.00	-60.06	-55.13			-53.92	-40.92	-21.20	-19.72
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-64.12	-64.06			-61.08	-48.08	-21.20	-26.88
2462MHz	Pass	2.4835G	2.5235G	PK	2.50934G	13.00	-60.74	-56.04			-54.77	-41.77	-21.20	-20.57
2462MHz	Pass	2.5235G	3G	PK	2.53911G	13.00	-62.87	-58.08			-56.84	-43.84	-21.20	-22.64
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-68.26	-66.76	-64.76	-65.76	-60.18	-47.18	-41.20	-5.98
2412MHz	Pass	2.36G	2.4G	AV	2.3624G	13.00	-68.90	-65.80	-66.05	-65.99	-60.50	-47.50	-41.20	-6.30
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.56	-73.28	-73.13	-73.48	-67.34	-54.34	-41.20	-13.14
2412MHz	Pass	2.4835G	2.5235G	AV	2.51998G	13.00	-69.48	-66.79	-67.73	-67.35	-61.71	-48.71	-41.20	-7.51
2412MHz	Pass	2.5235G	3G	AV	2.53315G	13.00	-73.55	-68.42	-70.78	-68.29	-63.77	-50.77	-41.20	-9.57
2412MHz	Pass	1G	2.36G	PK	2.29115G	13.00	-57.02	-56.41	-57.94	-54.80	-50.37	-37.37	-21.20	-16.17
2412MHz	Pass	2.36G	2.4G	PK	2.36088G	13.00	-57.99	-55.01	-54.90	-56.24	-49.85	-36.85	-21.20	-15.65
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.79	-62.27	-64.09	-62.39	-57.04	-44.04	-21.20	-22.84
2412MHz	Pass	2.4835G	2.5235G	PK	2.51974G	13.00	-60.37	-56.55	-57.93	-57.44	-51.84	-38.84	-21.20	-17.64
2412MHz	Pass	2.5235G	3G	PK	2.53172G	13.00	-58.68	-59.61	-62.05	-52.02	-50.29	-37.29	-21.20	-16.09



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz)_P to M P to P**

Appendix F.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-68.57	-64.46	-63.65	-62.90	-58.41	-45.41	-41.20	-4.21
2437MHz	Pass	2.36G	2.4G	AV	2.3604G	13.00	-68.54	-64.96	-66.33	-62.86	-59.17	-46.17	-41.20	-4.97
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.67	-73.27	-72.74	-73.67	-67.30	-54.30	-41.20	-13.10
2437MHz	Pass	2.4835G	2.5235G	AV	2.51238G	13.00	-70.16	-66.65	-67.88	-63.09	-60.15	-47.15	-41.20	-5.95
2437MHz	Pass	2.5235G	3G	AV	2.526G	13.00	-72.82	-67.99	-69.26	-64.62	-61.71	-48.71	-41.20	-7.51
2437MHz	Pass	1G	2.36G	PK	2.31784G	13.00	-63.04	-56.77	-57.39	-49.24	-47.87	-34.87	-21.20	-13.67
2437MHz	Pass	2.36G	2.4G	PK	2.36552G	13.00	-59.06	-54.96	-54.44	-51.93	-48.40	-35.40	-21.20	-14.20
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.85	-62.95	-63.86	-63.38	-57.47	-44.47	-21.20	-23.27
2437MHz	Pass	2.4835G	2.5235G	PK	2.52206G	13.00	-59.86	-56.44	-58.30	-52.42	-49.78	-36.78	-21.20	-15.58
2437MHz	Pass	2.5235G	3G	PK	2.55674G	13.00	-58.95	-58.88	-59.81	-48.73	-47.69	-34.69	-21.20	-13.49
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.2801G	13.00	-69.39	-61.20	-64.43	-65.64	-58.22	-45.22	-41.20	-4.02
2462MHz	Pass	2.36G	2.4G	AV	2.36016G	13.00	-68.55	-62.39	-65.40	-66.39	-59.09	-46.09	-41.20	-4.89
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.67	-73.73	-73.35	-73.47	-67.53	-54.53	-41.20	-13.33
2462MHz	Pass	2.4835G	2.5235G	AV	2.51998G	13.00	-69.51	-62.66	-66.26	-66.83	-59.59	-46.59	-41.20	-5.39
2462MHz	Pass	2.5235G	3G	AV	2.53089G	13.00	-71.83	-65.09	-67.52	-67.79	-61.43	-48.43	-41.20	-7.23
2462MHz	Pass	1G	2.36G	PK	2.27007G	13.00	-59.71	-50.15	-56.76	-56.62	-48.23	-35.23	-21.20	-14.03
2462MHz	Pass	2.36G	2.4G	PK	2.36768G	13.00	-58.19	-51.83	-54.88	-56.65	-48.70	-35.70	-21.20	-14.50
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.49	-62.99	-64.40	-63.20	-57.47	-44.47	-21.20	-23.27
2462MHz	Pass	2.4835G	2.5235G	PK	2.50886G	13.00	-60.20	-52.19	-57.01	-56.29	-49.46	-36.46	-21.20	-15.26
2462MHz	Pass	2.5235G	3G	PK	2.58104G	13.00	-63.73	-55.63	-59.87	-53.17	-50.45	-37.45	-21.20	-16.25
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-68.51	-67.40	-65.74	-66.48	-60.89	-47.89	-41.20	-6.69
2412MHz	Pass	2.36G	2.4G	AV	2.36136G	13.00	-69.91	-66.27	-66.95	-67.38	-61.41	-48.41	-41.20	-7.21
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.35	-73.85	-73.52	-73.48	-67.53	-54.53	-41.20	-13.33
2412MHz	Pass	2.4835G	2.5235G	AV	2.5199G	13.00	-70.27	-66.99	-68.43	-68.20	-62.30	-49.30	-41.20	-8.10
2412MHz	Pass	2.5235G	3G	AV	2.54375G	13.00	-72.94	-69.80	-69.88	-68.97	-64.14	-51.14	-41.20	-9.94
2412MHz	Pass	1G	2.36G	PK	2.24984G	13.00	-62.83	-55.76	-55.86	-58.98	-51.53	-38.53	-21.20	-17.33
2412MHz	Pass	2.36G	2.4G	PK	2.36216G	13.00	-59.33	-55.85	-55.53	-57.98	-50.88	-37.88	-21.20	-16.68
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.68	-63.59	-63.92	-63.56	-57.66	-44.66	-21.20	-23.46
2412MHz	Pass	2.4835G	2.5235G	PK	2.52134G	13.00	-61.86	-55.22	-59.50	-58.82	-52.15	-39.15	-21.20	-17.95
2412MHz	Pass	2.5235G	3G	PK	2.53327G	13.00	-59.20	-59.49	-60.71	-54.32	-51.63	-38.63	-21.20	-17.43
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.25596G	13.00	-69.50	-64.77	-63.15	-65.09	-59.07	-46.07	-41.20	-4.87
2437MHz	Pass	2.36G	2.4G	AV	2.362G	13.00	-68.74	-66.35	-64.53	-64.52	-59.70	-46.70	-41.20	-5.50
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.13	-73.43	-73.95	-73.53	-67.48	-54.48	-41.20	-13.28
2437MHz	Pass	2.4835G	2.5235G	AV	2.51998G	13.00	-70.53	-67.01	-65.27	-64.65	-60.33	-47.33	-41.20	-6.13
2437MHz	Pass	2.5235G	3G	AV	2.53291G	13.00	-74.13	-69.69	-66.84	-65.48	-61.96	-48.96	-41.20	-7.76
2437MHz	Pass	1G	2.36G	PK	2.31835G	13.00	-54.40	-58.25	-56.01	-50.96	-48.05	-35.05	-21.20	-13.85
2437MHz	Pass	2.36G	2.4G	PK	2.37176G	13.00	-60.81	-56.22	-50.83	-54.42	-48.21	-35.21	-21.20	-14.01
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.53	-63.74	-62.93	-64.15	-57.54	-44.54	-21.20	-23.34
2437MHz	Pass	2.4835G	2.5235G	PK	2.50198G	13.00	-60.60	-57.52	-53.33	-55.20	-49.87	-36.87	-21.20	-15.67
2437MHz	Pass	2.5235G	3G	PK	2.55721G	13.00	-60.23	-59.51	-59.35	-48.91	-47.94	-34.94	-21.20	-13.74
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-69.14	-67.12	-65.11	-67.35	-60.92	-47.92	-41.20	-6.72
2462MHz	Pass	2.36G	2.4G	AV	2.36032G	13.00	-69.98	-66.08	-67.11	-68.08	-61.57	-48.57	-41.20	-7.37
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.64	-73.68	-73.82	-73.88	-67.73	-54.73	-41.20	-13.53
2462MHz	Pass	2.4835G	2.5235G	AV	2.5199G	13.00	-70.65	-66.82	-67.17	-67.64	-61.82	-48.82	-41.20	-7.62
2462MHz	Pass	2.5235G	3G	AV	2.53065G	13.00	-73.94	-68.51	-69.41	-69.50	-63.89	-50.89	-41.20	-9.69
2462MHz	Pass	1G	2.36G	PK	2.34249G	13.00	-62.99	-59.87	-60.96	-53.50	-51.67	-38.67	-21.20	-17.47
2462MHz	Pass	2.36G	2.4G	PK	2.36352G	13.00	-58.80	-56.88	-56.88	-57.09	-51.32	-38.32	-21.20	-17.12
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.20	-63.49	-61.95	-63.55	-56.98	-43.98	-21.20	-22.78
2462MHz	Pass	2.4835G	2.5235G	PK	2.50982G	13.00	-60.97	-56.75	-56.24	-56.49	-51.23	-38.23	-21.20	-17.03
2462MHz	Pass	2.5235G	3G	PK	2.58294G	13.00	-61.52	-59.89	-62.02	-54.12	-52.05	-39.05	-21.20	-17.85
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.36G	AV	2.20819G	13.00	-68.72	-68.34	-65.72	-66.48	-61.11	-48.11	-41.20	-6.91
2412MHz	Pass	2.36G	2.4G	AV	2.36112G	13.00	-69.54	-66.05	-66.99	-66.85	-61.16	-48.16	-41.20	-6.96
2412MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.48	-73.60	-73.29	-73.59	-67.47	-54.47	-41.20	-13.27
2412MHz	Pass	2.4835G	2.5235G	AV	2.51998G	13.00	-70.19	-66.84	-67.50	-68.21	-62.00	-49.00	-41.20	-7.80
2412MHz	Pass	2.5235G	3G	AV	2.59188G	13.00	-74.83	-68.15	-69.76	-71.64	-64.43	-51.43	-41.20	-10.23
2412MHz	Pass	1G	2.36G	PK	2.292G	13.00	-63.22	-59.28	-57.79	-54.17	-51.46	-38.46	-21.20	-17.26
2412MHz	Pass	2.36G	2.4G	PK	2.36136G	13.00	-60.23	-55.53	-56.14	-56.95	-50.86	-37.86	-21.20	-16.66
2412MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.96	-62.70	-63.84	-64.08	-57.59	-44.59	-21.20	-23.39
2412MHz	Pass	2.4835G	2.5235G	PK	2.50542G	13.00	-60.97	-58.94	-57.17	-57.48	-52.38	-39.38	-21.20	-18.18
2412MHz	Pass	2.5235G	3G	PK	2.53029G	13.00	-63.93	-60.32	-61.83	-54.28	-52.42	-39.42	-21.20	-18.22
2417MHz														
2437MHz	Pass	1G	2.36G	AV	2.20785G	13.00	-69.25	-68.03	-62.68	-64.63	-59.36	-46.36	-41.20	-5.16
2437MHz	Pass	2.36G	2.4G	AV	2.36072G	13.00	-69.71	-65.99	-64.76	-64.11	-59.66	-46.66	-41.20	-5.46
2437MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.57	-73.57	-73.42	-73.34	-67.45	-54.45	-41.20	-13.25

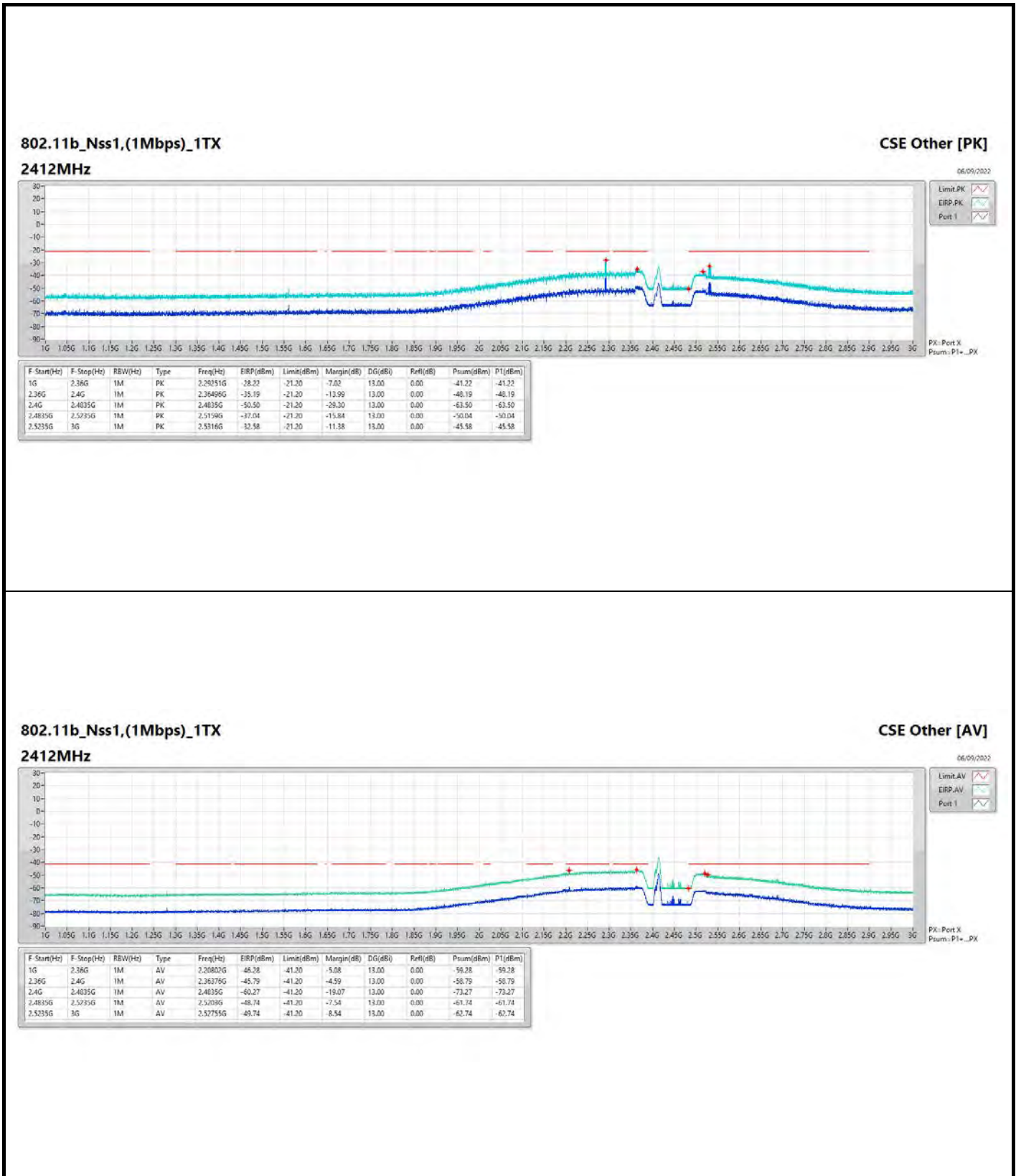


**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 1GHz ~ 3GHz)_P to M_P to P**

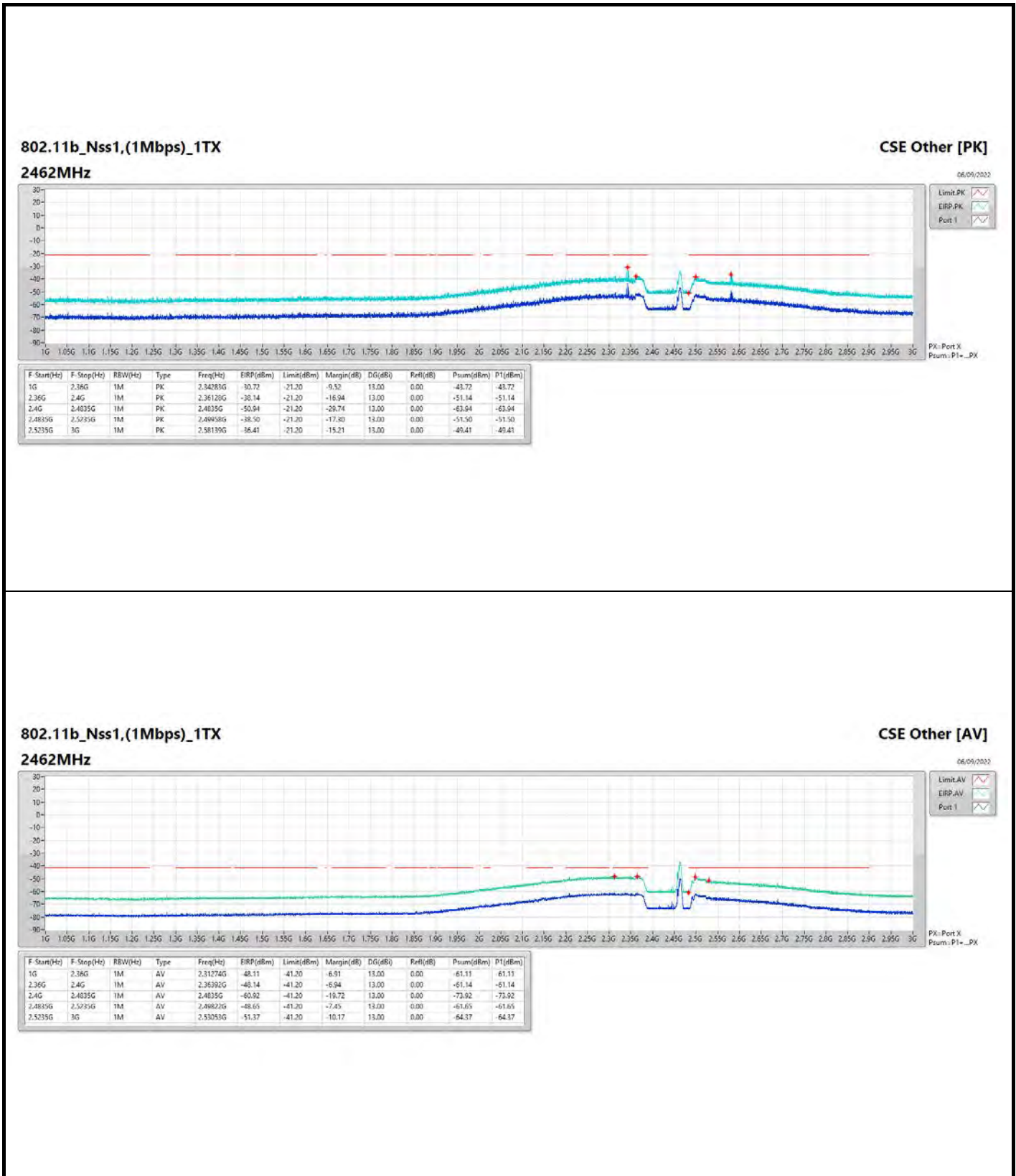
Appendix F.6

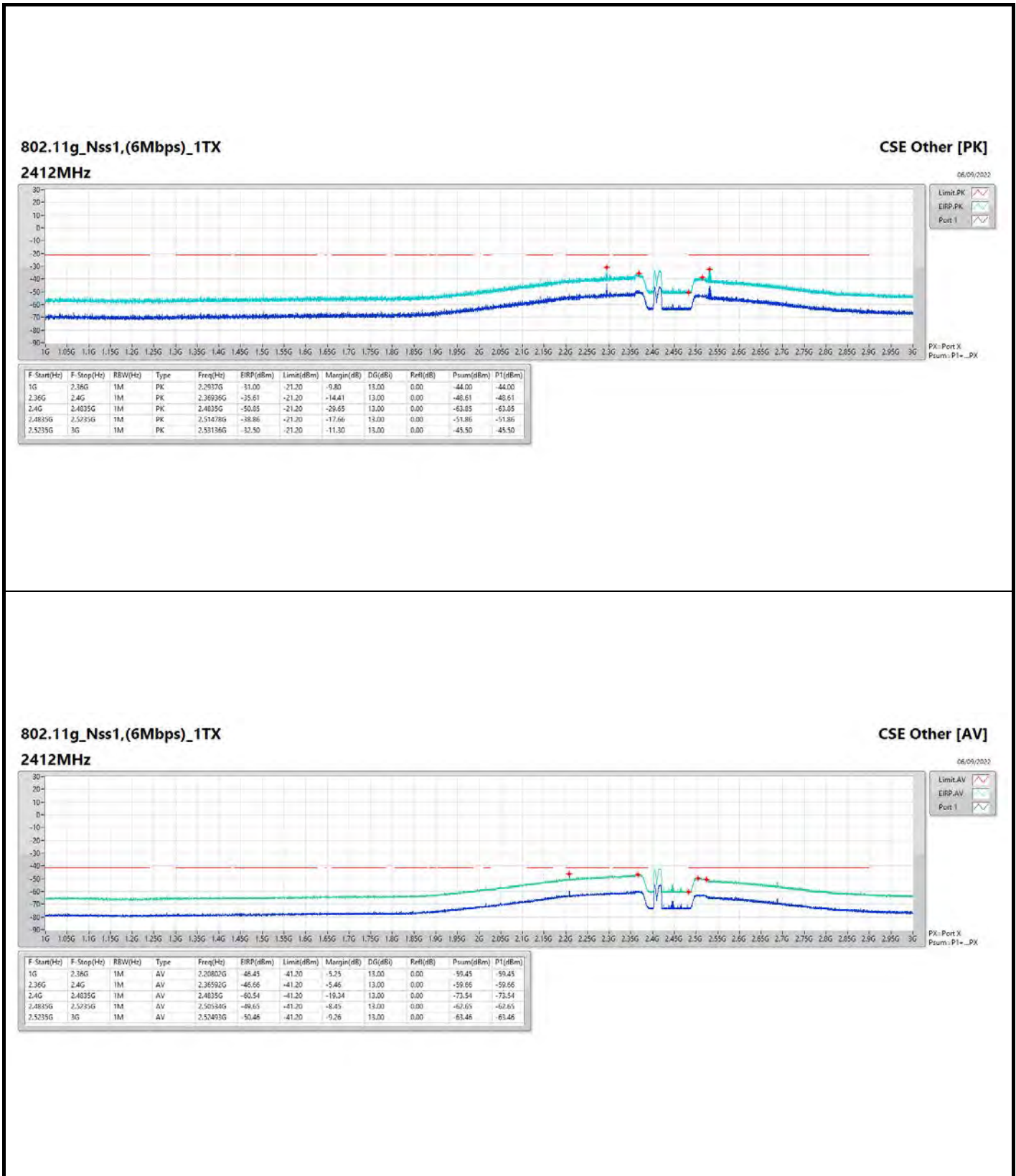
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437MHz	Pass	2.4835G	2.5235G	AV	2.51998G	13.00	-70.47	-67.02	-65.47	-64.84	-60.46	-47.46	-41.20	-6.26
2437MHz	Pass	2.5235G	3G	AV	2.52386G	13.00	-73.52	-70.34	-66.87	-65.83	-62.19	-49.19	-41.20	-7.99
2437MHz	Pass	1G	2.36G	PK	2.31716G	13.00	-63.63	-57.68	-59.36	-49.41	-48.31	-35.31	-21.20	-14.11
2437MHz	Pass	2.36G	2.4G	PK	2.3636G	13.00	-60.21	-55.29	-56.72	-53.79	-49.91	-36.91	-21.20	-15.71
2437MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.92	-63.28	-62.53	-63.49	-57.25	-44.25	-21.20	-23.05
2437MHz	Pass	2.4835G	2.5235G	PK	2.51334G	13.00	-59.54	-56.40	-57.97	-54.57	-50.71	-37.71	-21.20	-16.51
2437MHz	Pass	2.5235G	3G	PK	2.55674G	13.00	-64.31	-61.07	-62.58	-50.11	-49.41	-36.41	-21.20	-15.21
2457MHz														
2462MHz	Pass	1G	2.36G	AV	2.20802G	13.00	-69.40	-64.59	-64.64	-66.85	-59.95	-46.95	-41.20	-5.75
2462MHz	Pass	2.36G	2.4G	AV	2.37608G	13.00	-70.29	-62.94	-67.38	-68.64	-60.36	-47.36	-41.20	-6.16
2462MHz	Pass	2.4G	2.4835G	AV	2.4835G	13.00	-73.67	-73.20	-72.96	-73.01	-67.18	-54.18	-41.20	-12.98
2462MHz	Pass	2.4835G	2.5235G	AV	2.5199G	13.00	-70.47	-63.59	-67.37	-67.48	-60.51	-47.51	-41.20	-6.31
2462MHz	Pass	2.5235G	3G	AV	2.52374G	13.00	-73.63	-65.12	-69.29	-68.59	-62.17	-49.17	-41.20	-7.97
2462MHz	Pass	1G	2.36G	PK	2.27976G	13.00	-62.95	-54.17	-55.49	-58.46	-50.66	-37.66	-21.20	-16.46
2462MHz	Pass	2.36G	2.4G	PK	2.36048G	13.00	-60.25	-53.46	-55.53	-58.00	-50.07	-37.07	-21.20	-15.87
2462MHz	Pass	2.4G	2.4835G	PK	2.4835G	13.00	-63.17	-63.63	-63.70	-63.08	-57.37	-44.37	-21.20	-23.17
2462MHz	Pass	2.4835G	2.5235G	PK	2.50398G	13.00	-61.27	-53.19	-56.15	-57.02	-50.02	-37.02	-21.20	-15.82
2462MHz	Pass	2.5235G	3G	PK	2.53494G	13.00	-63.66	-53.43	-60.12	-59.99	-51.58	-38.58	-21.20	-17.38

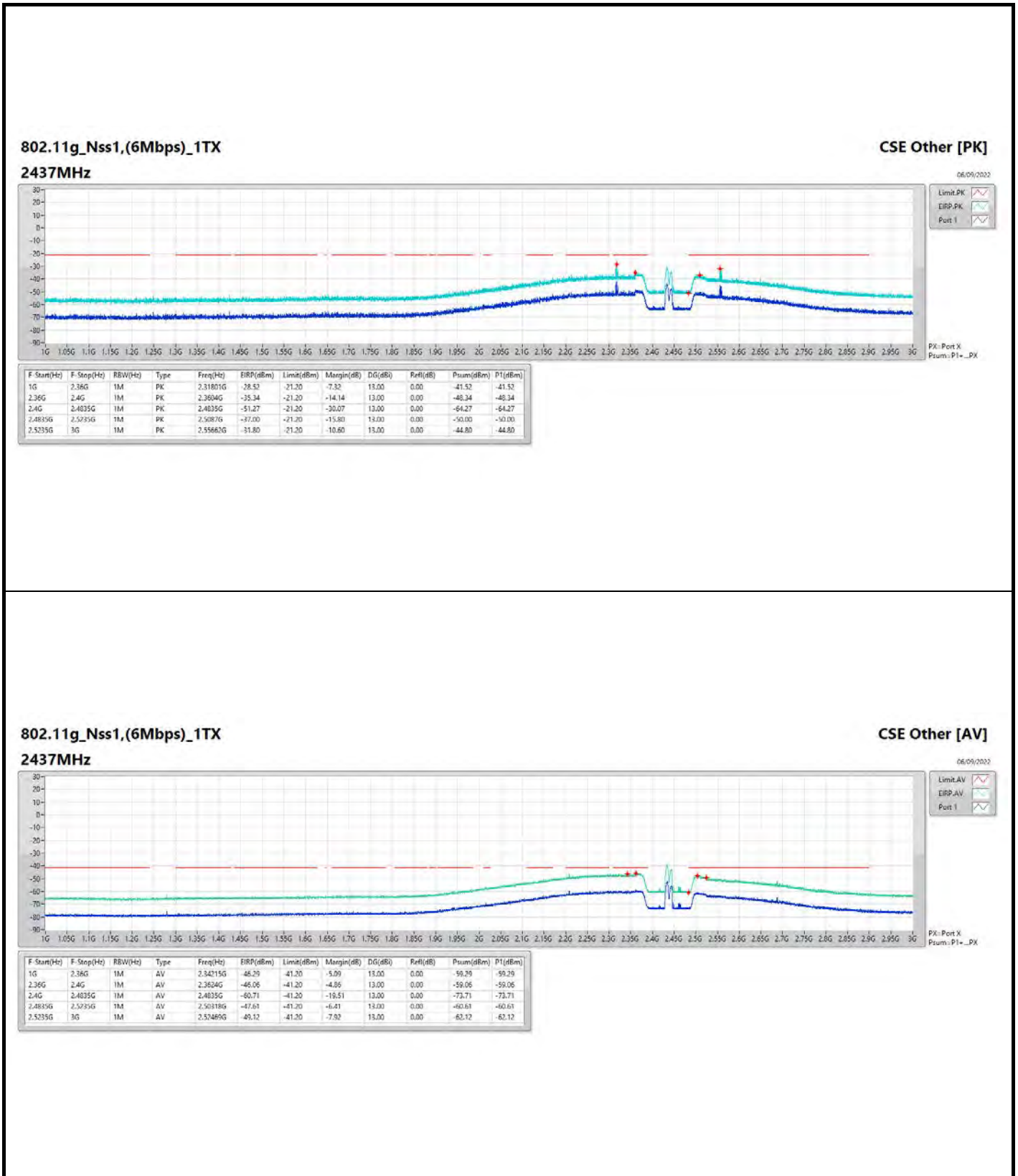
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

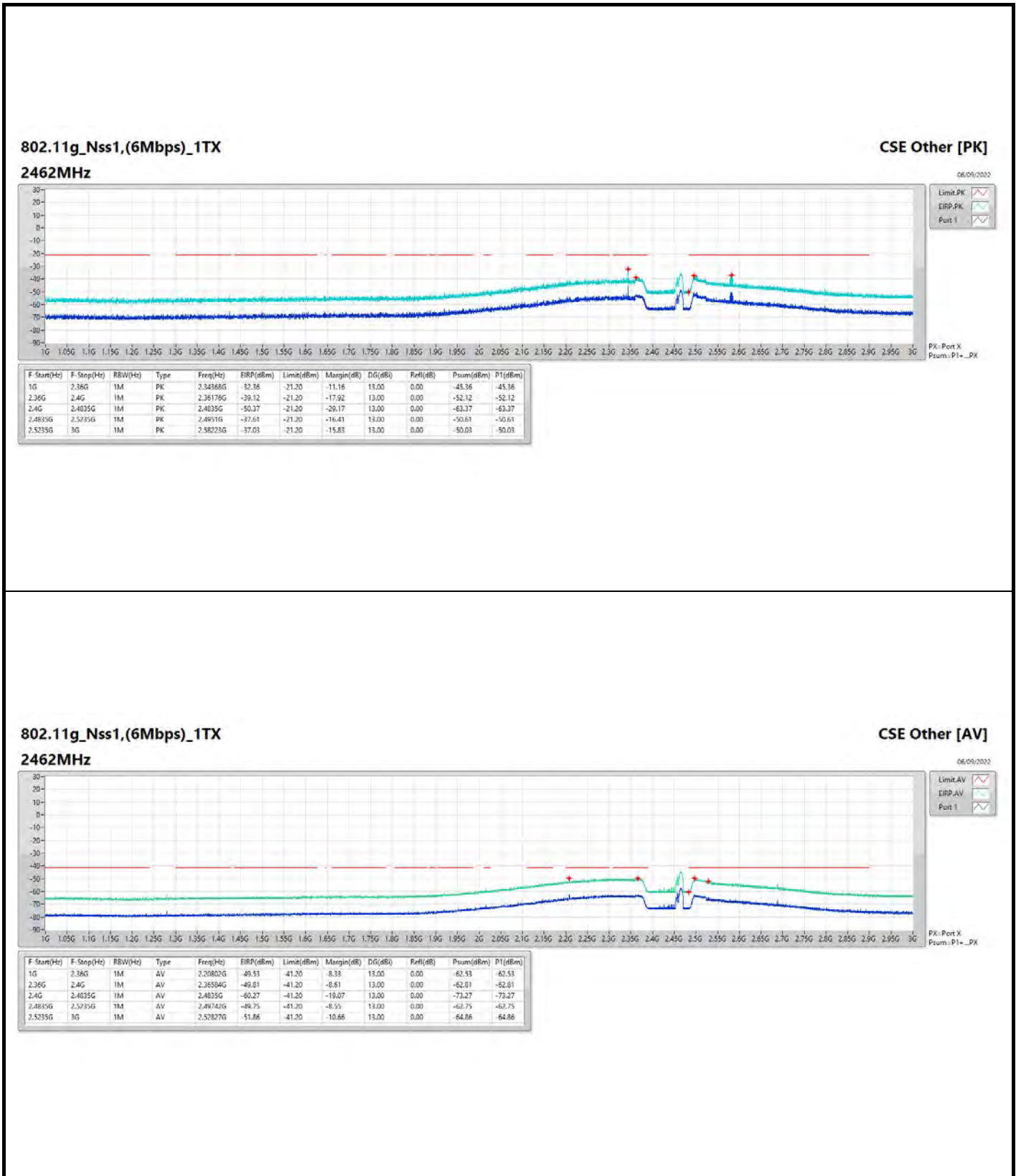


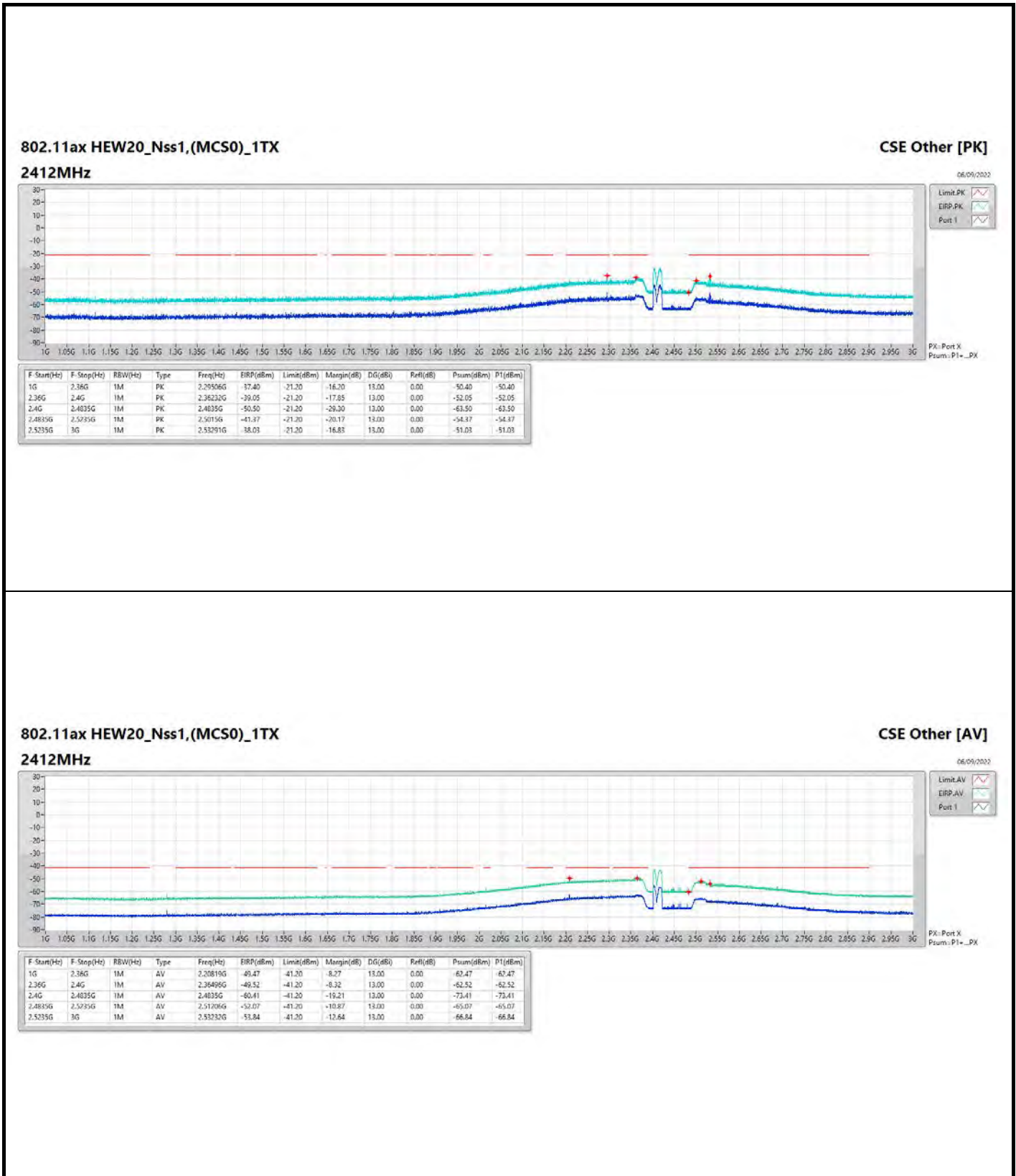


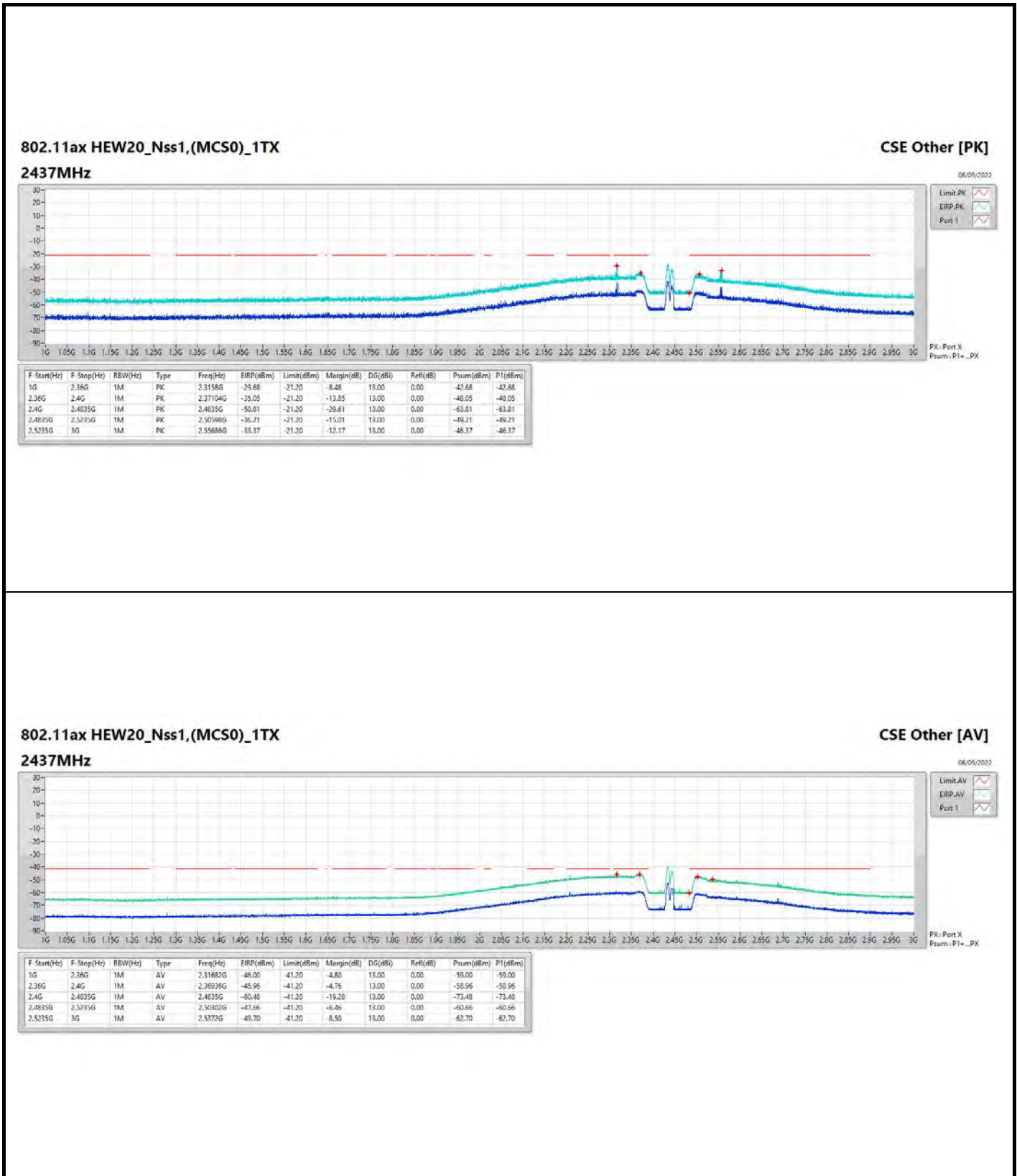


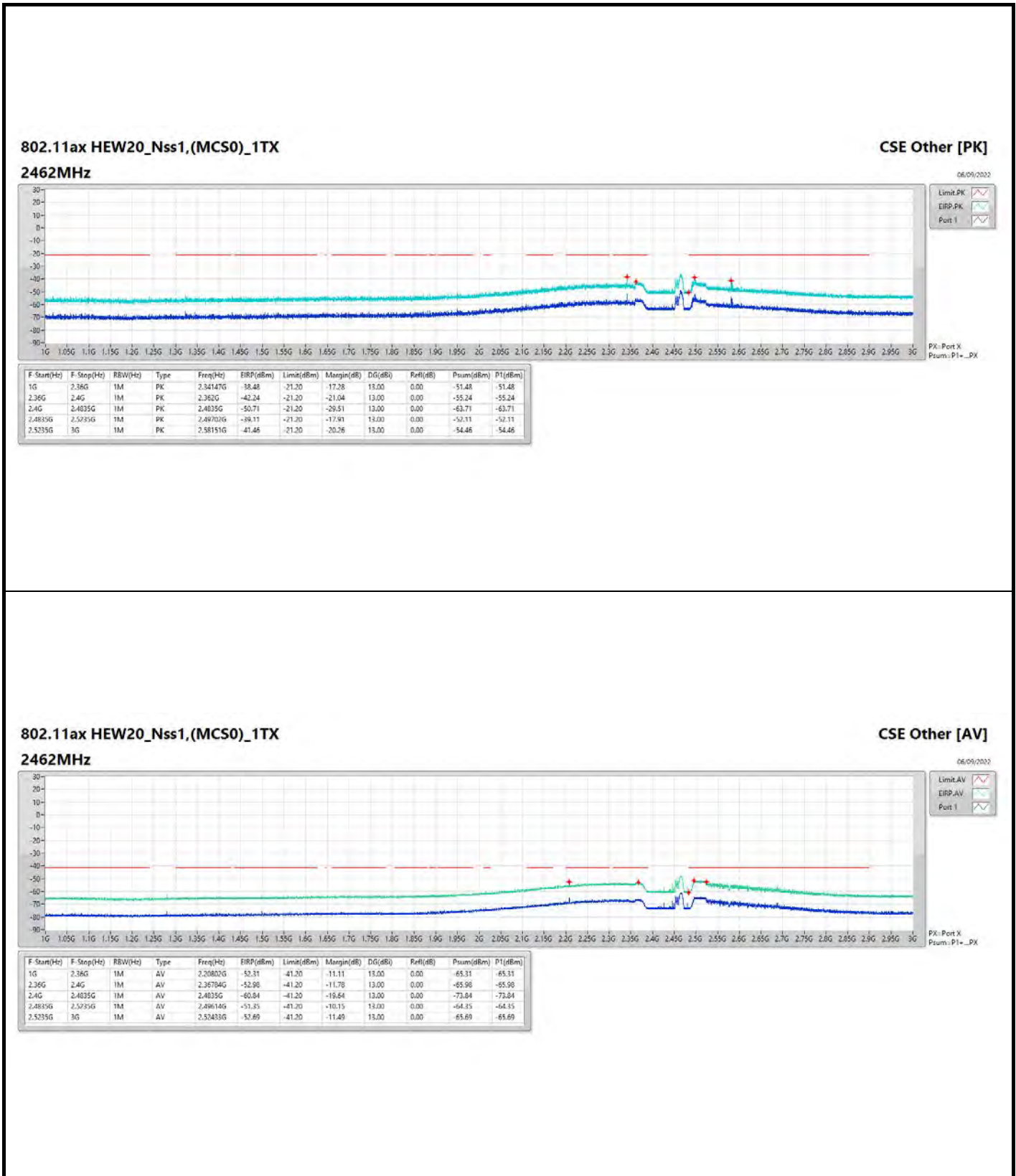


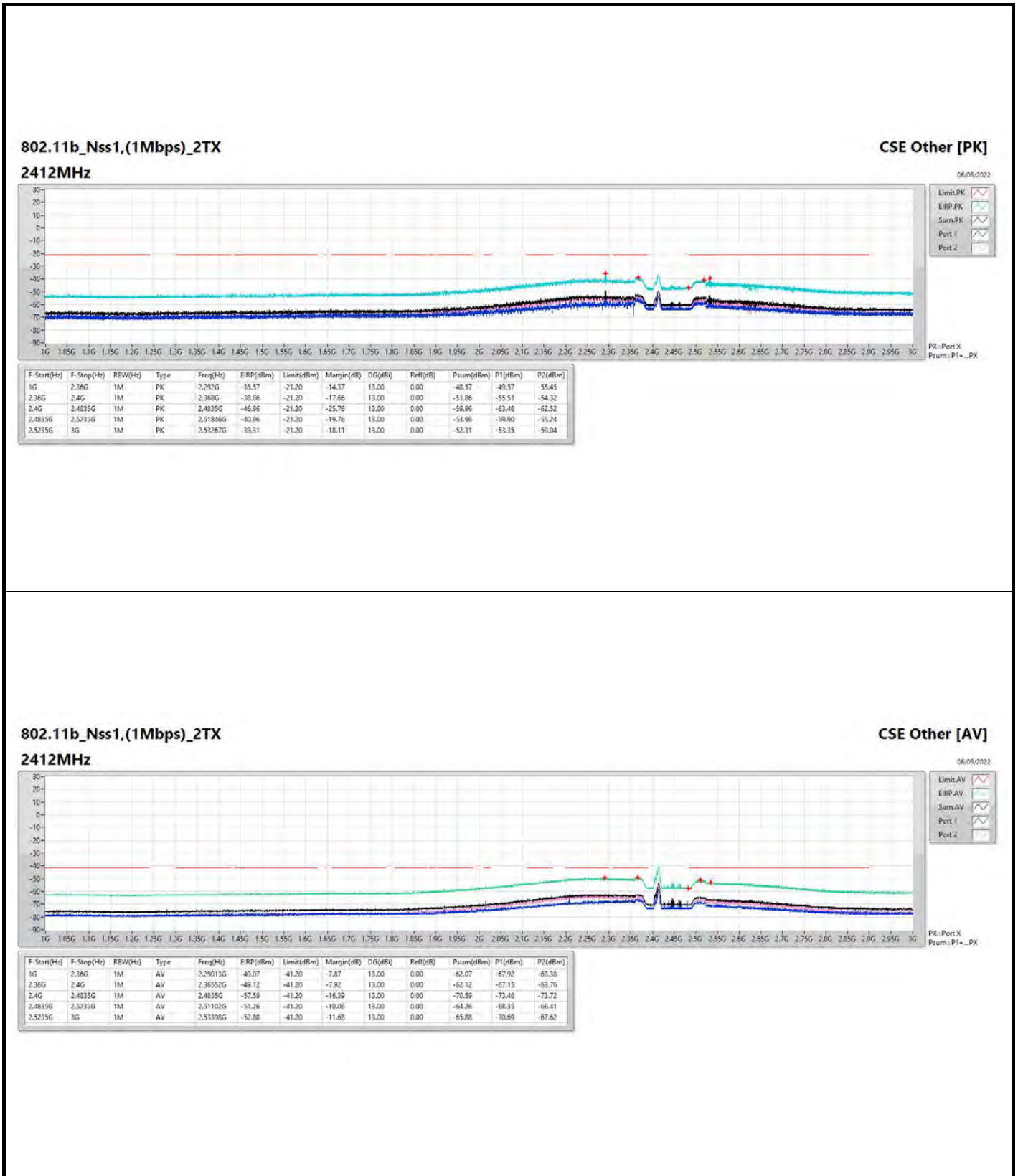


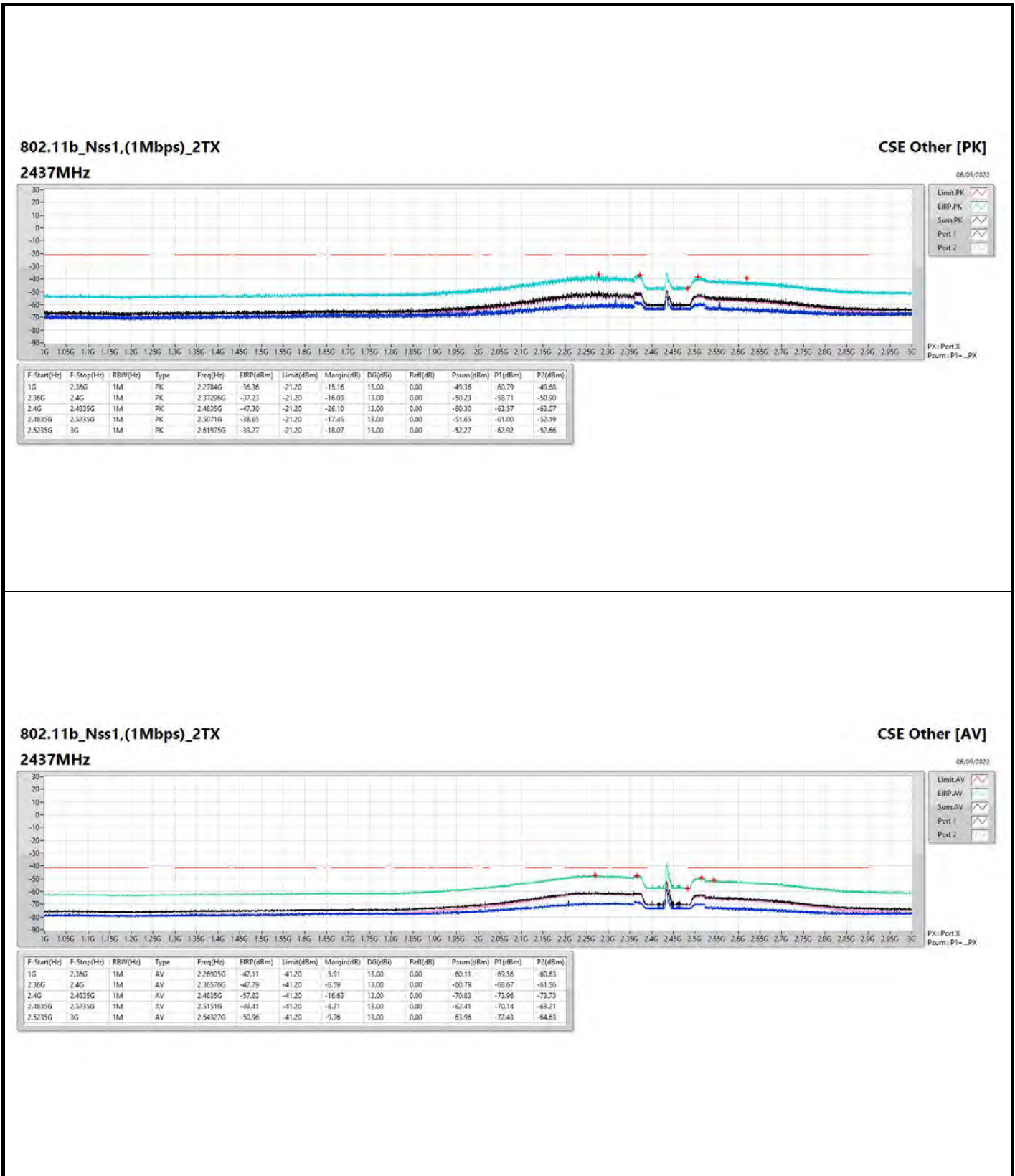












**802.11b_Nss1,(1Mbps)_2TX
2437MHZ**

CSE Other [AV]

06/05/2022

Limit:AV

EIRP:AV

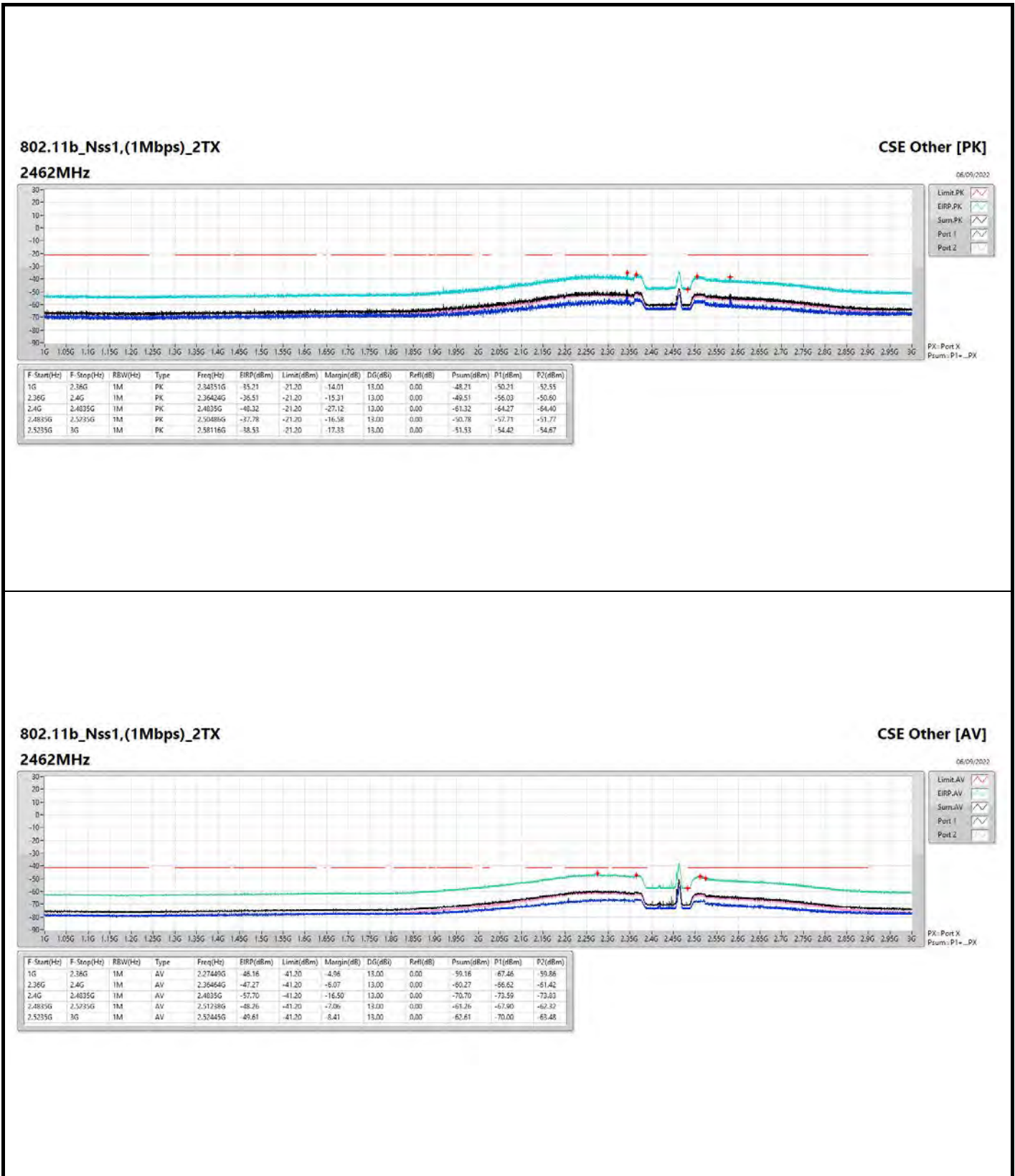
Sum:AV

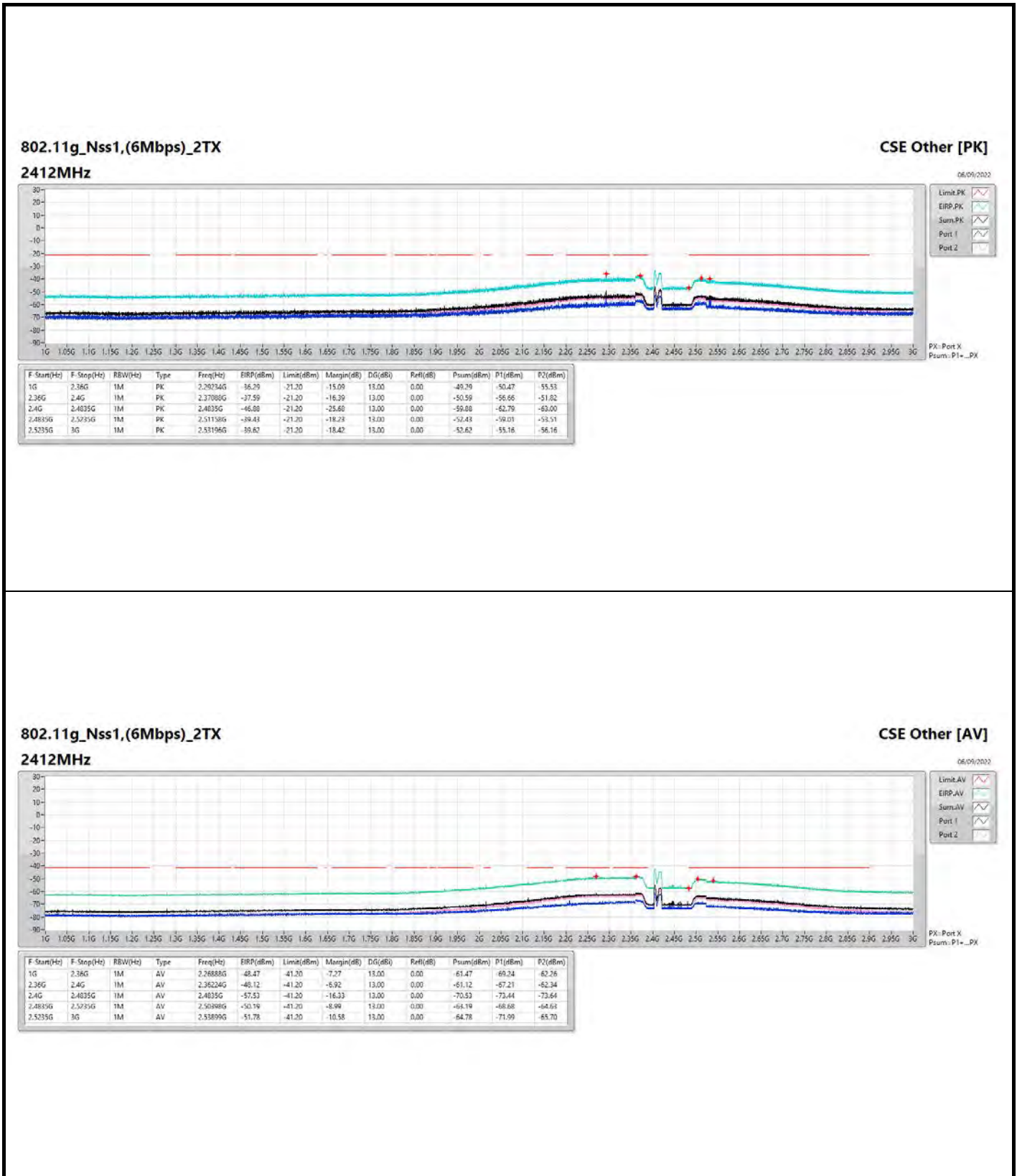
Port.1

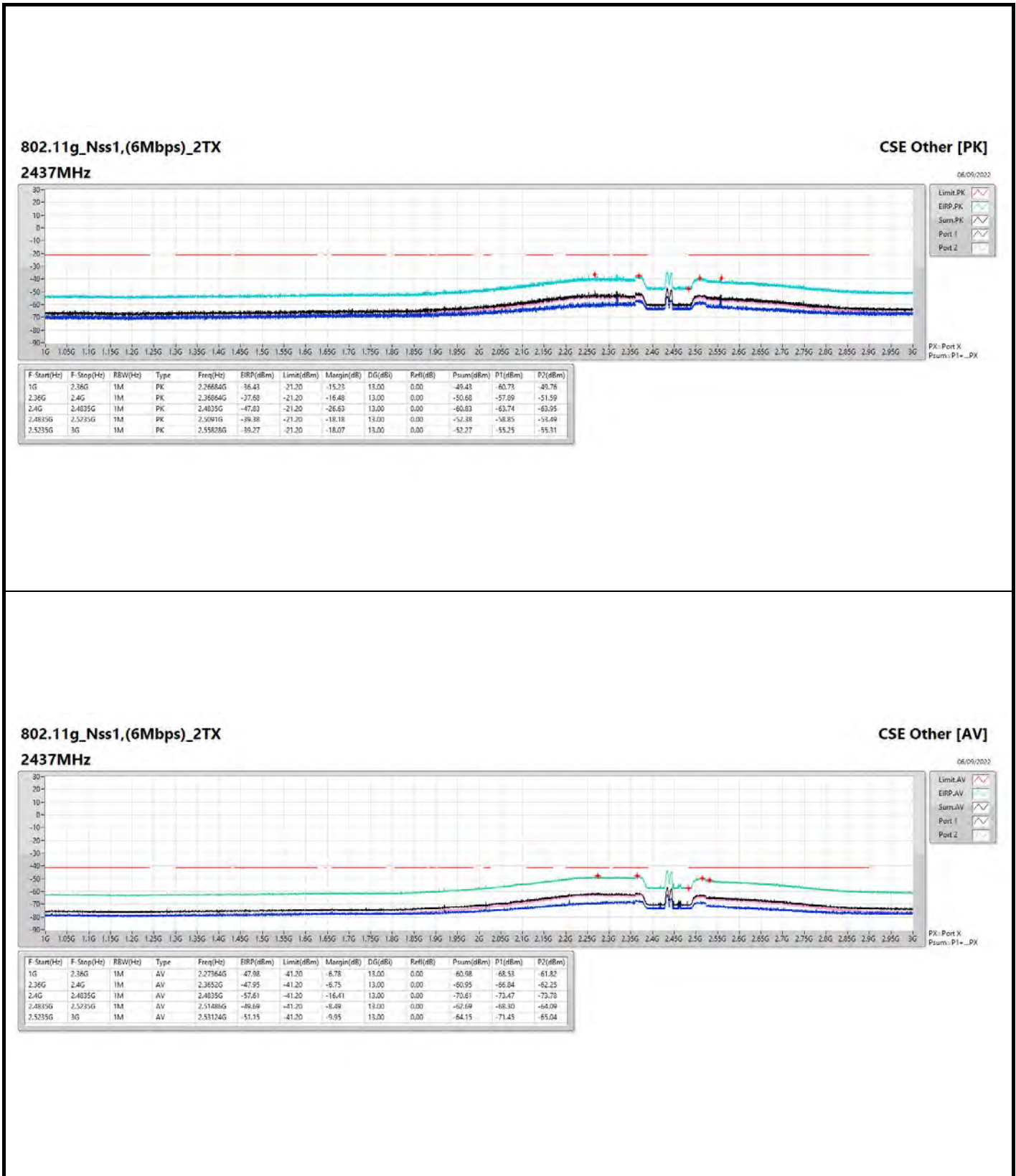
Port.2

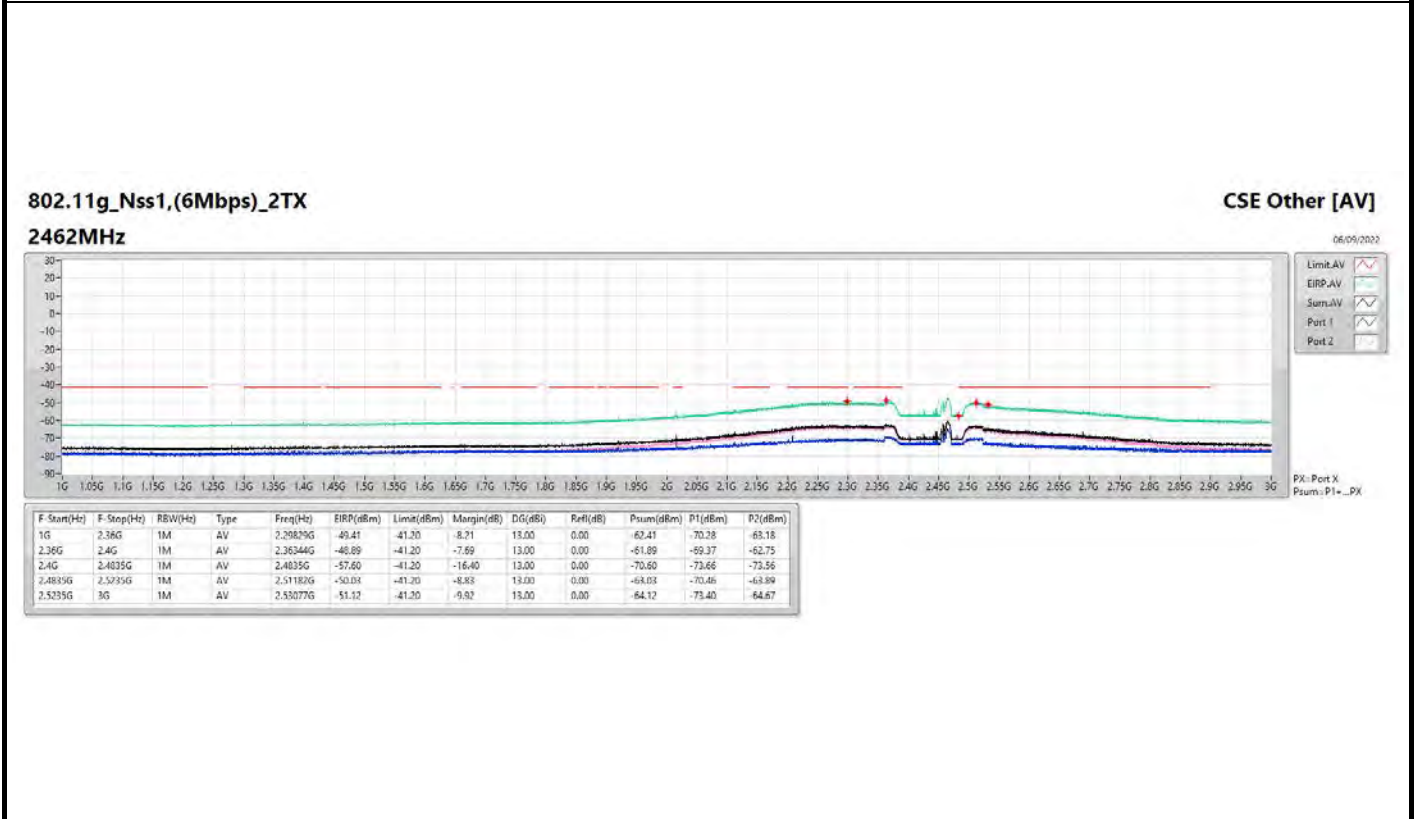
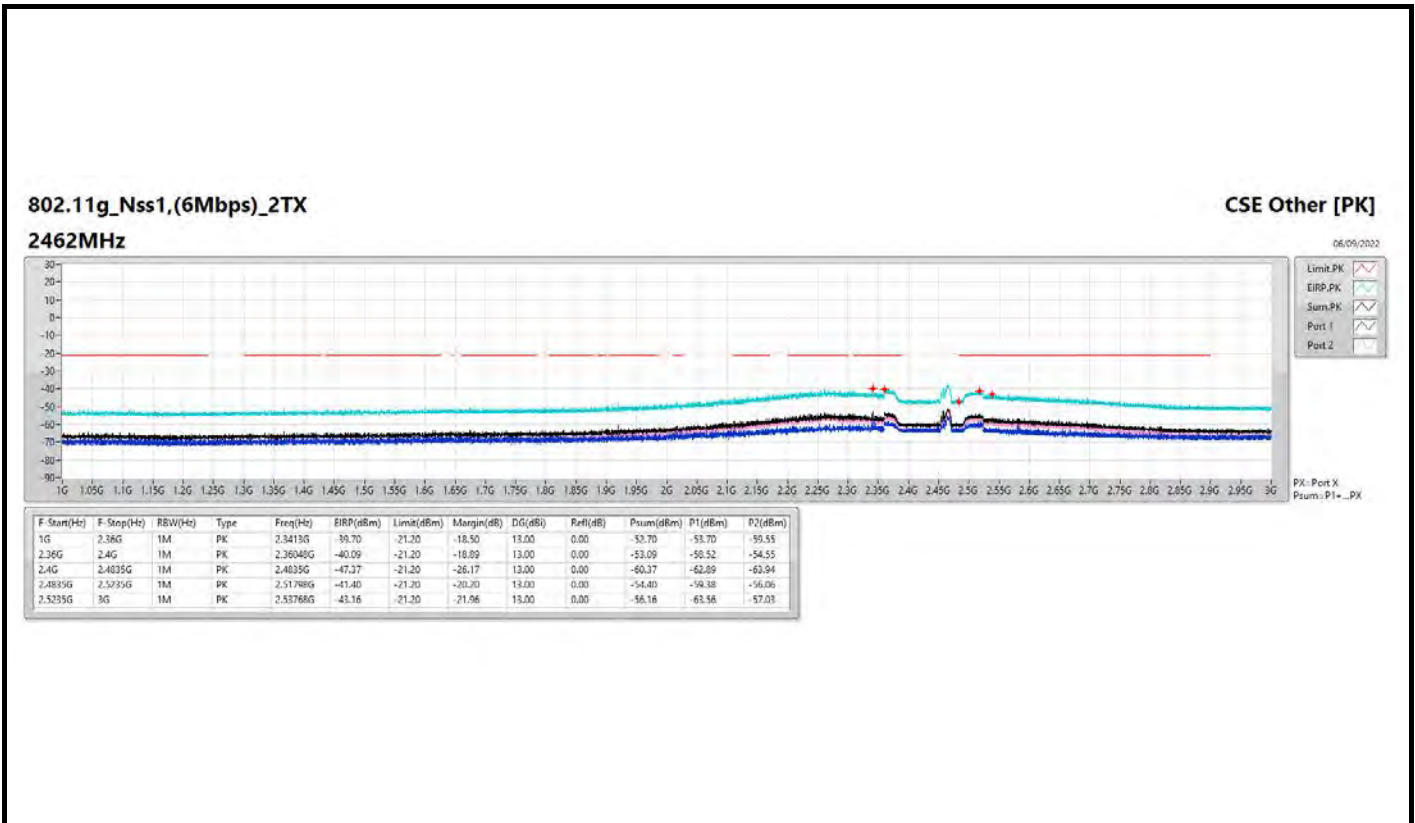
PK: Port X

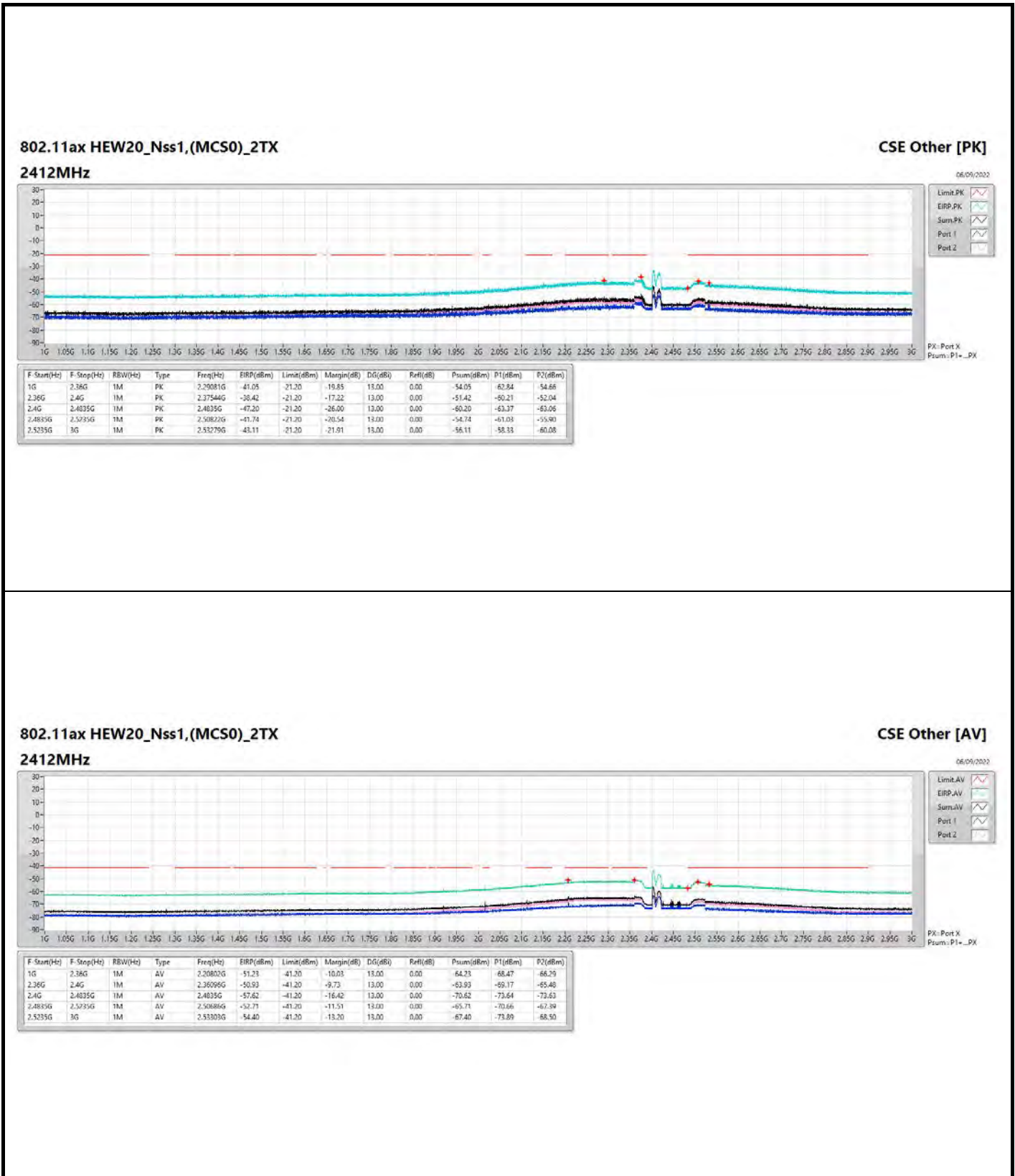
Psum: P1+_PX

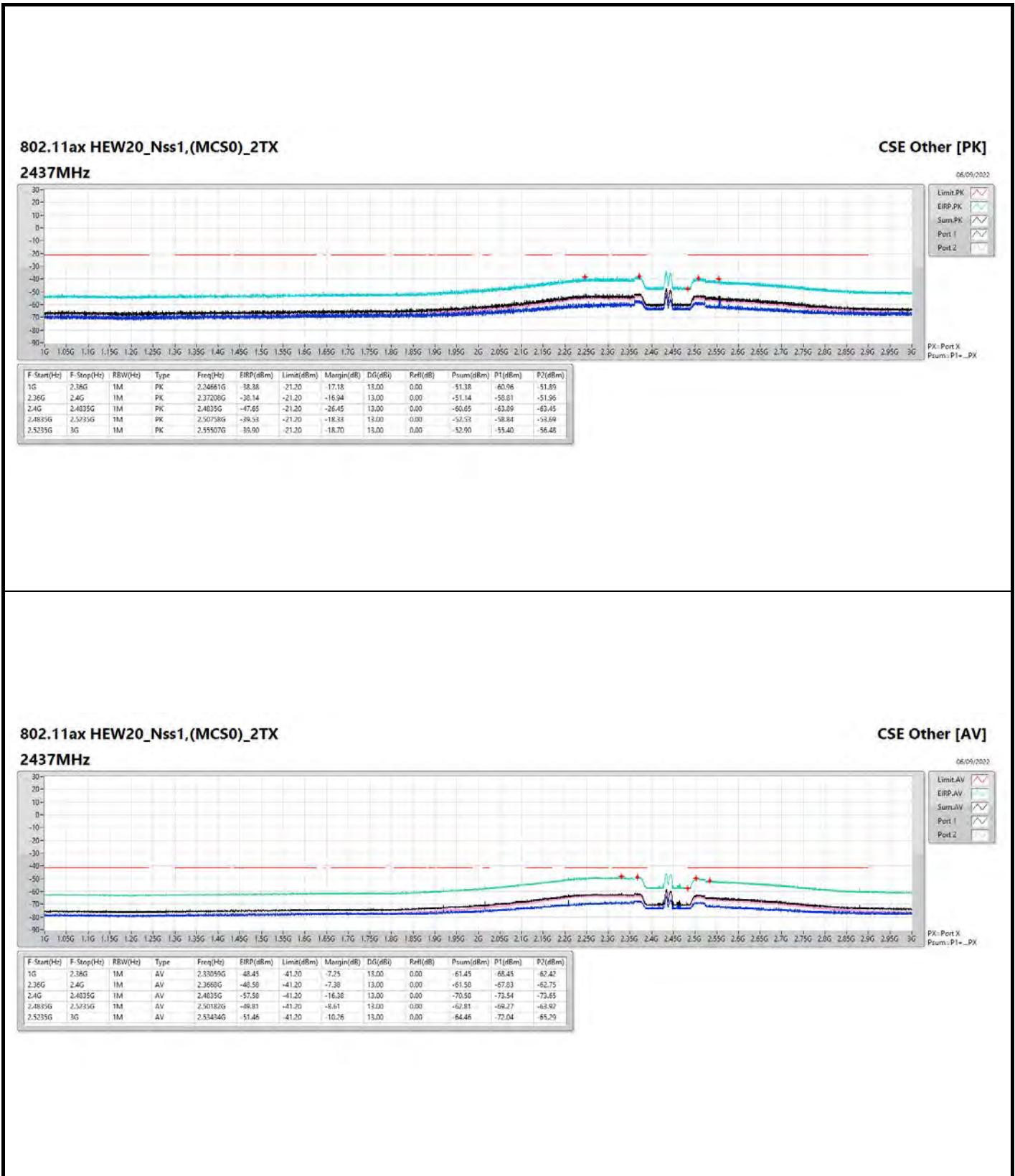


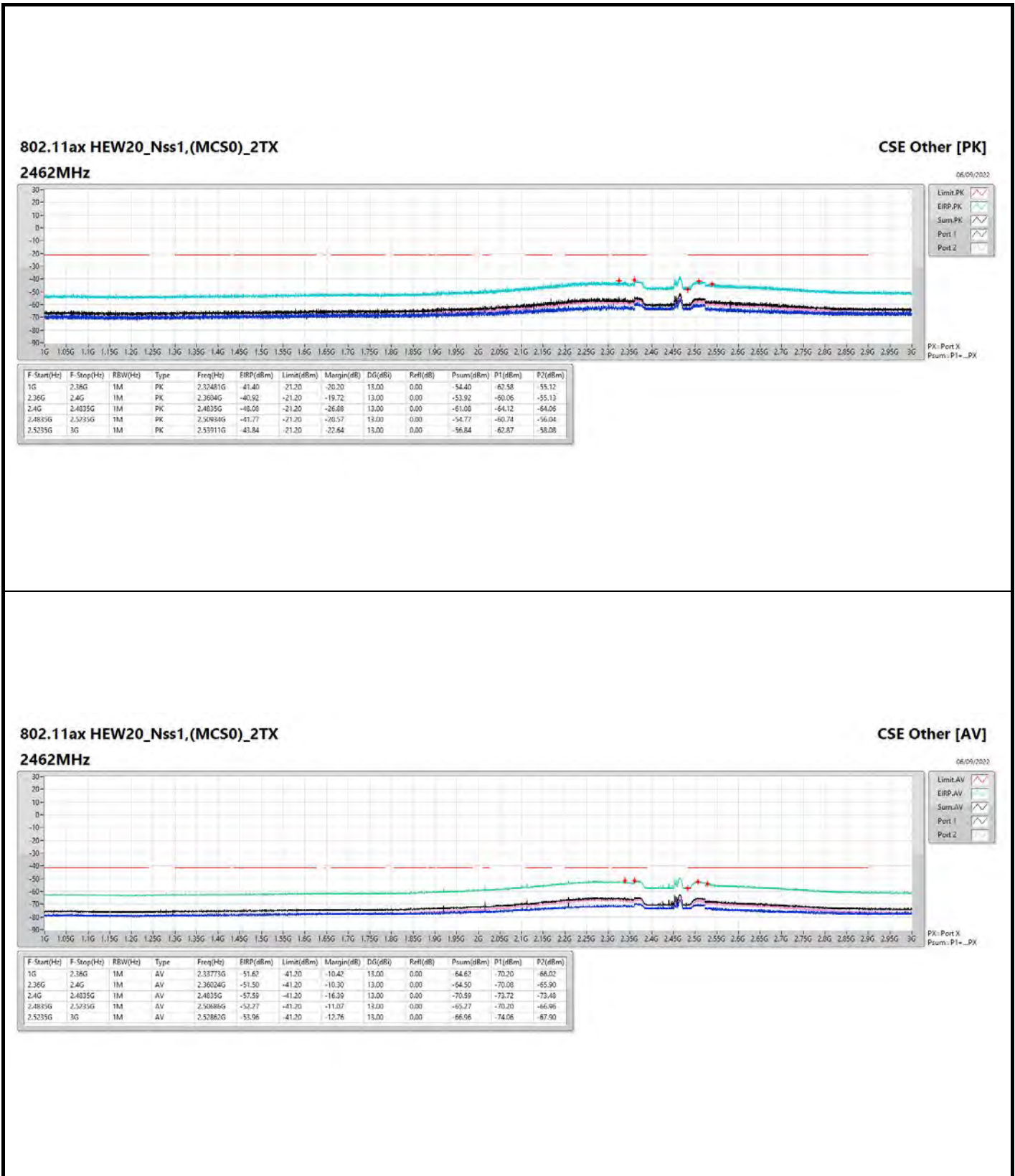


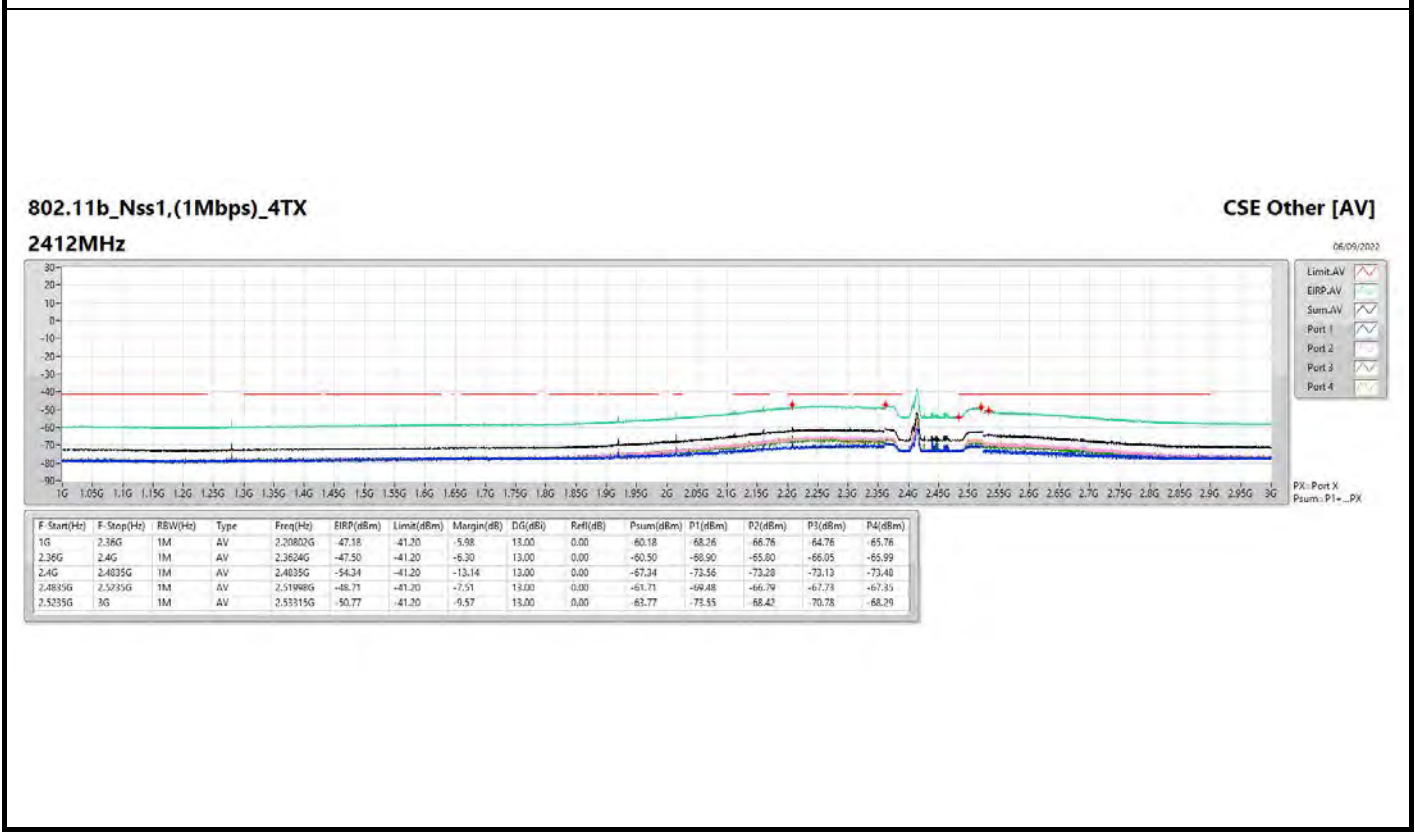
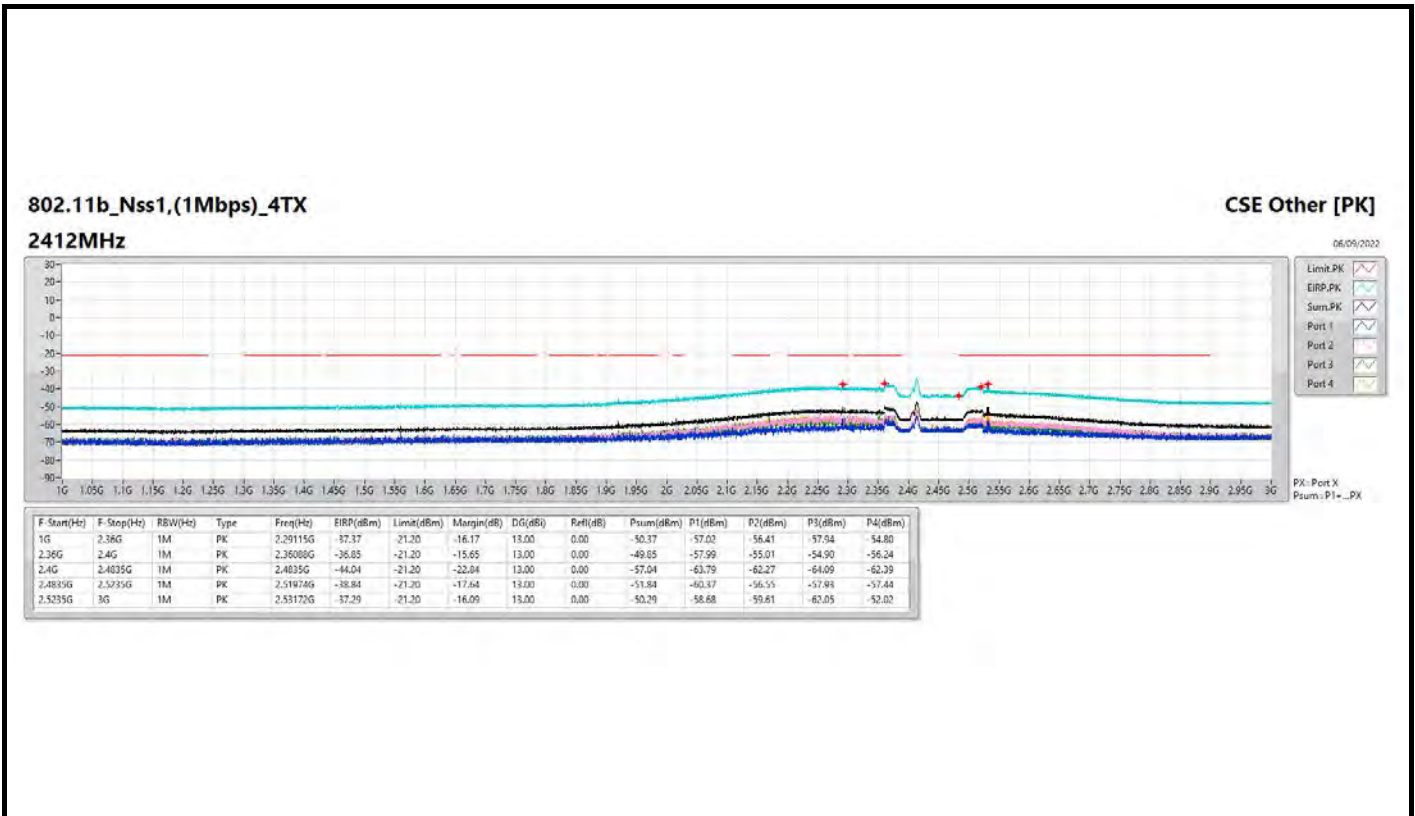


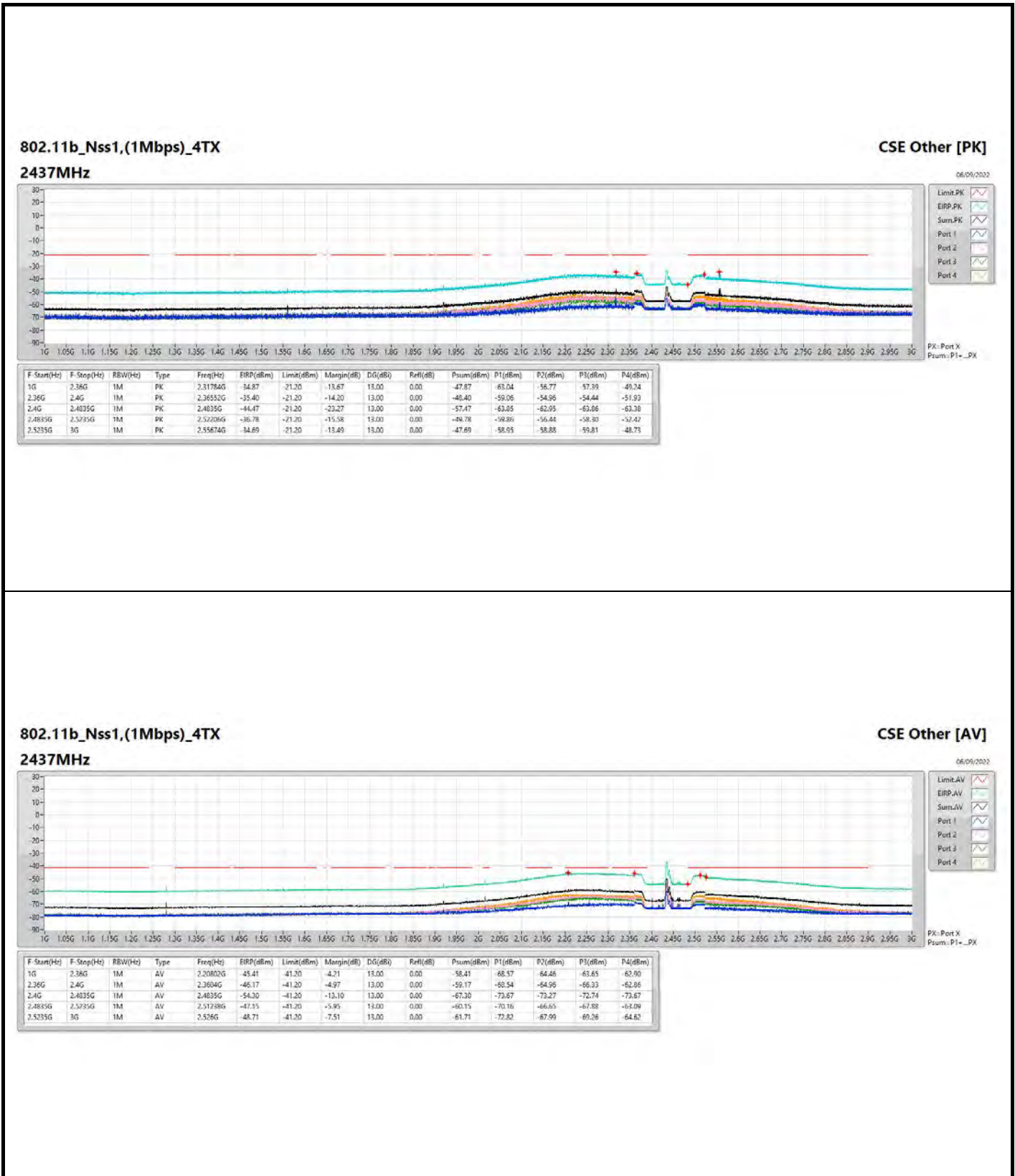


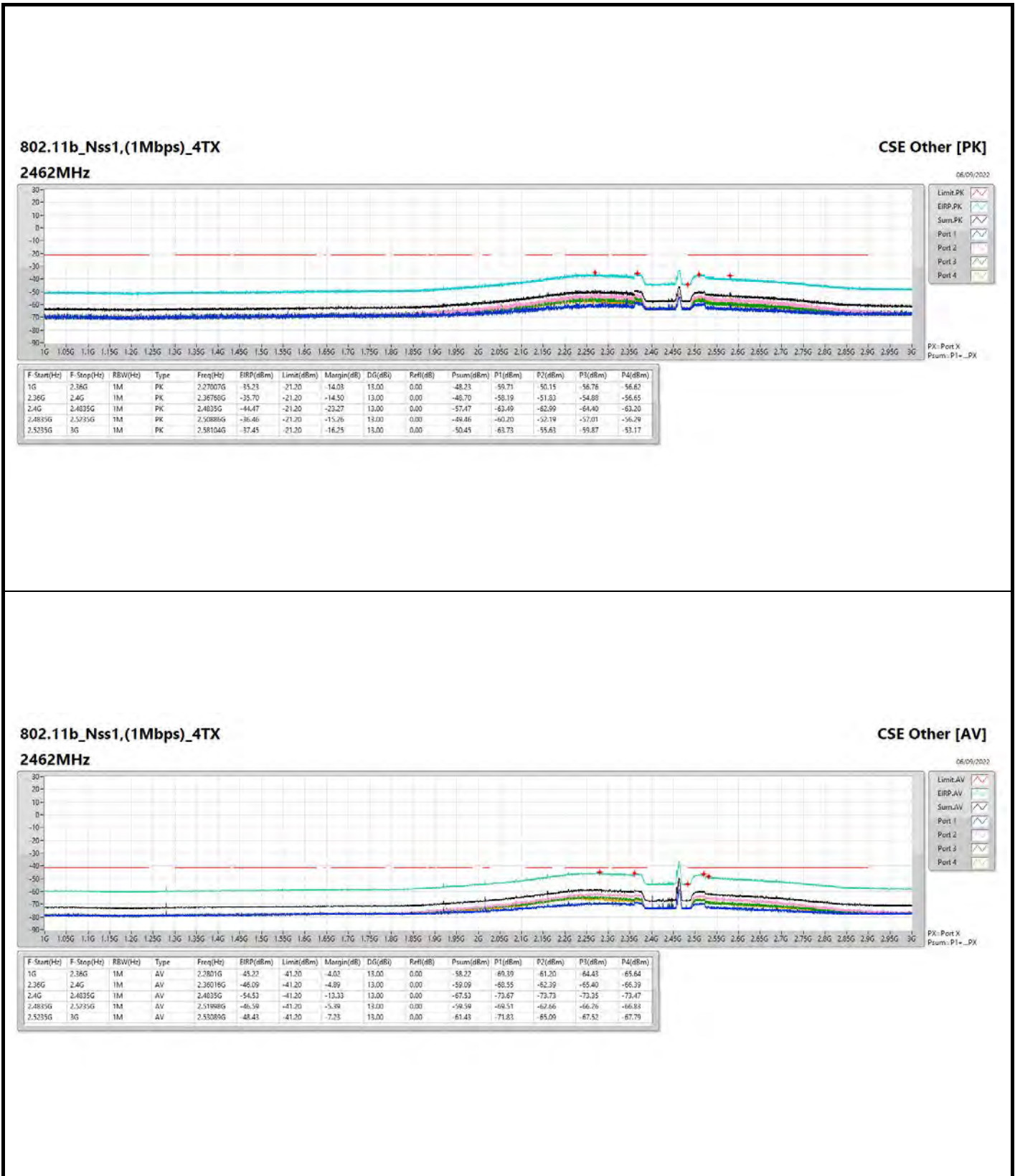


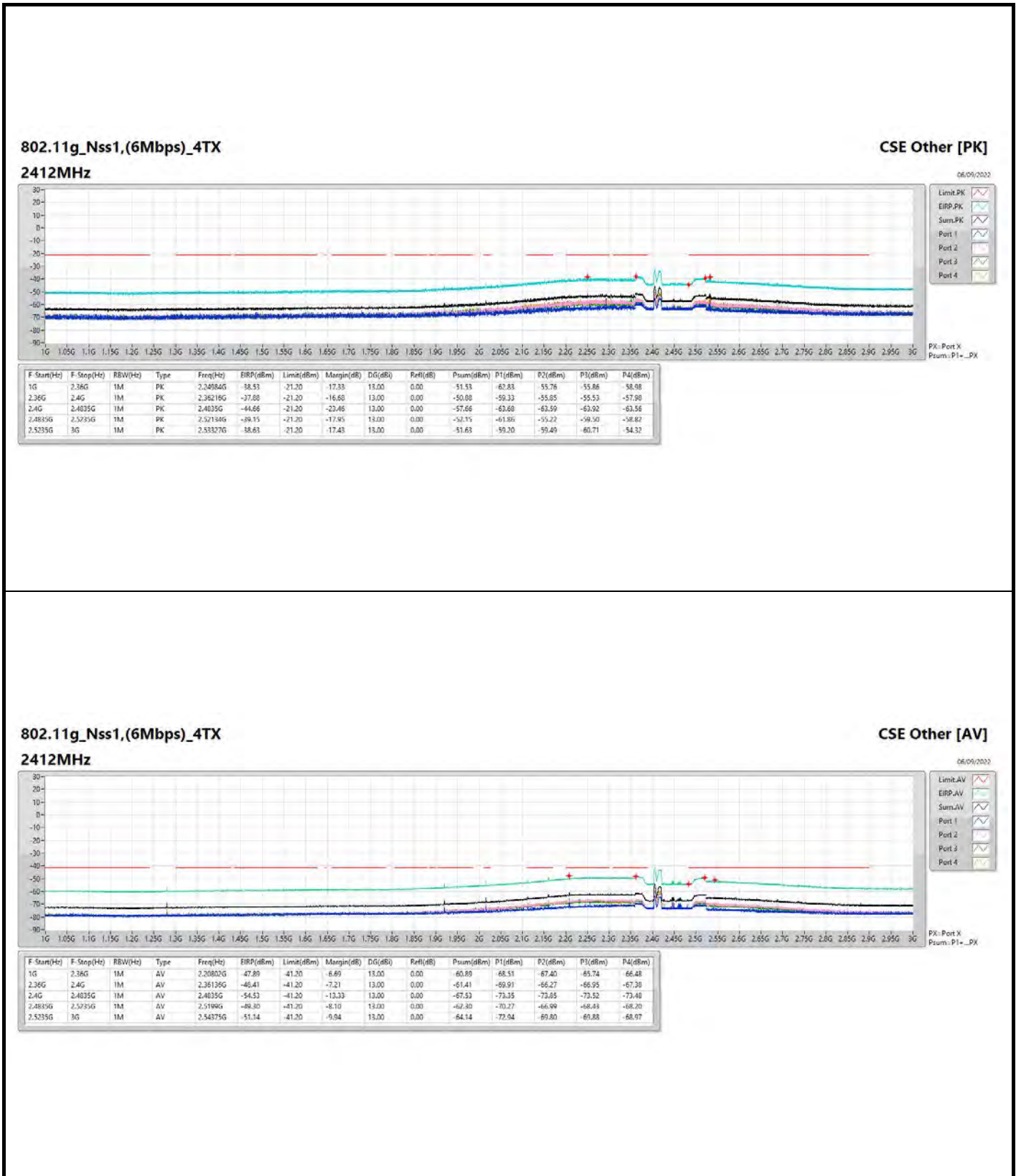


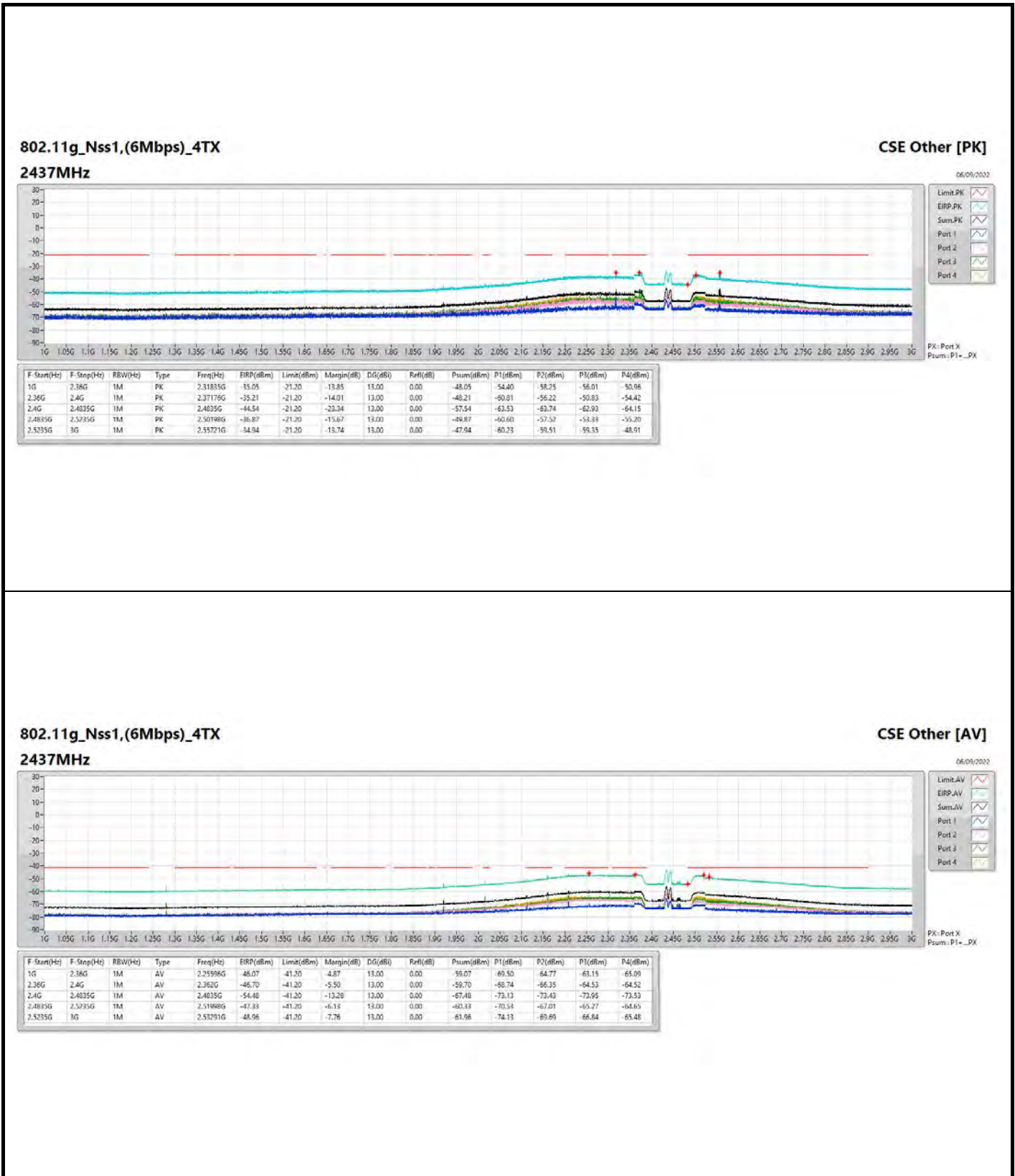


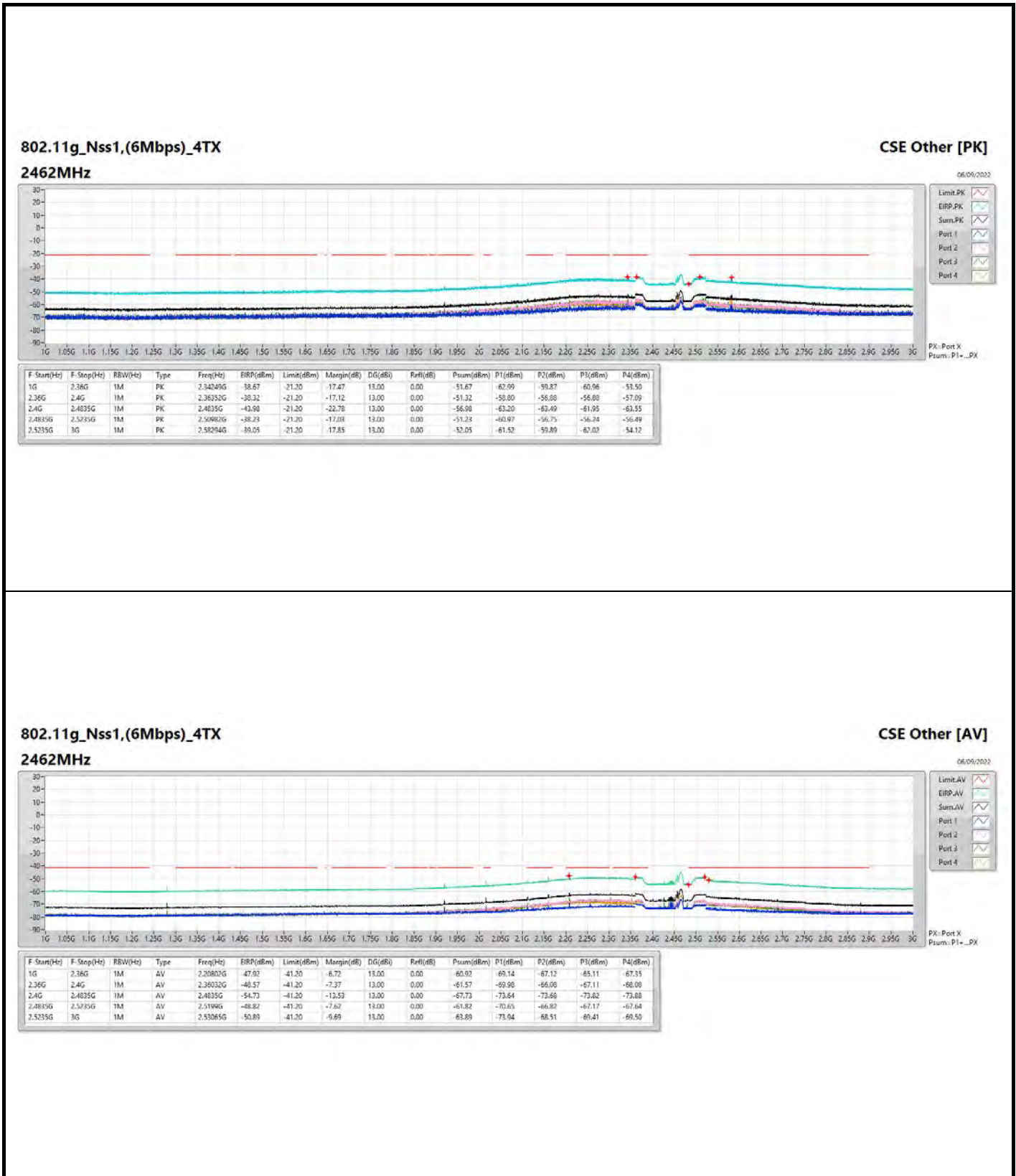


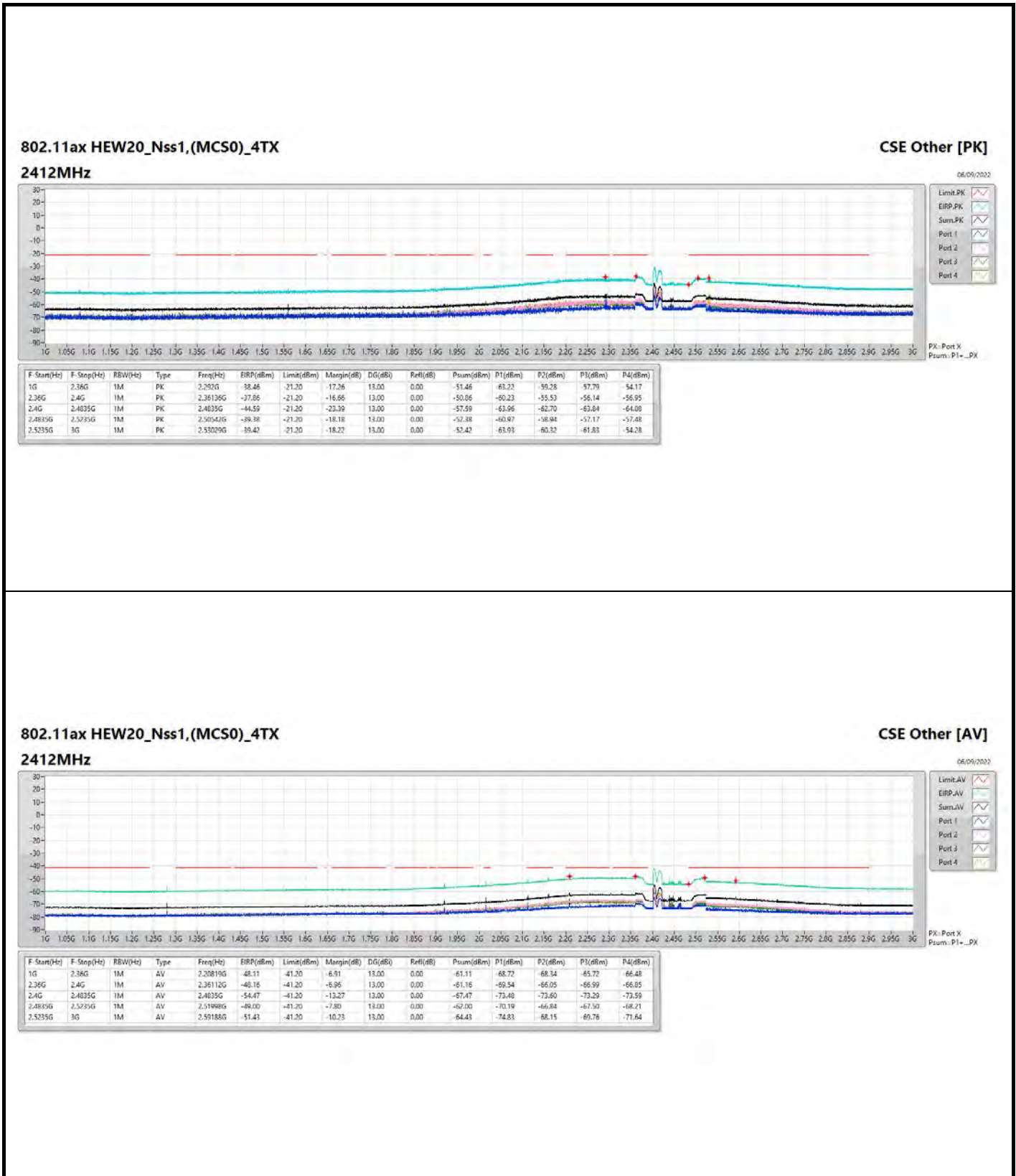


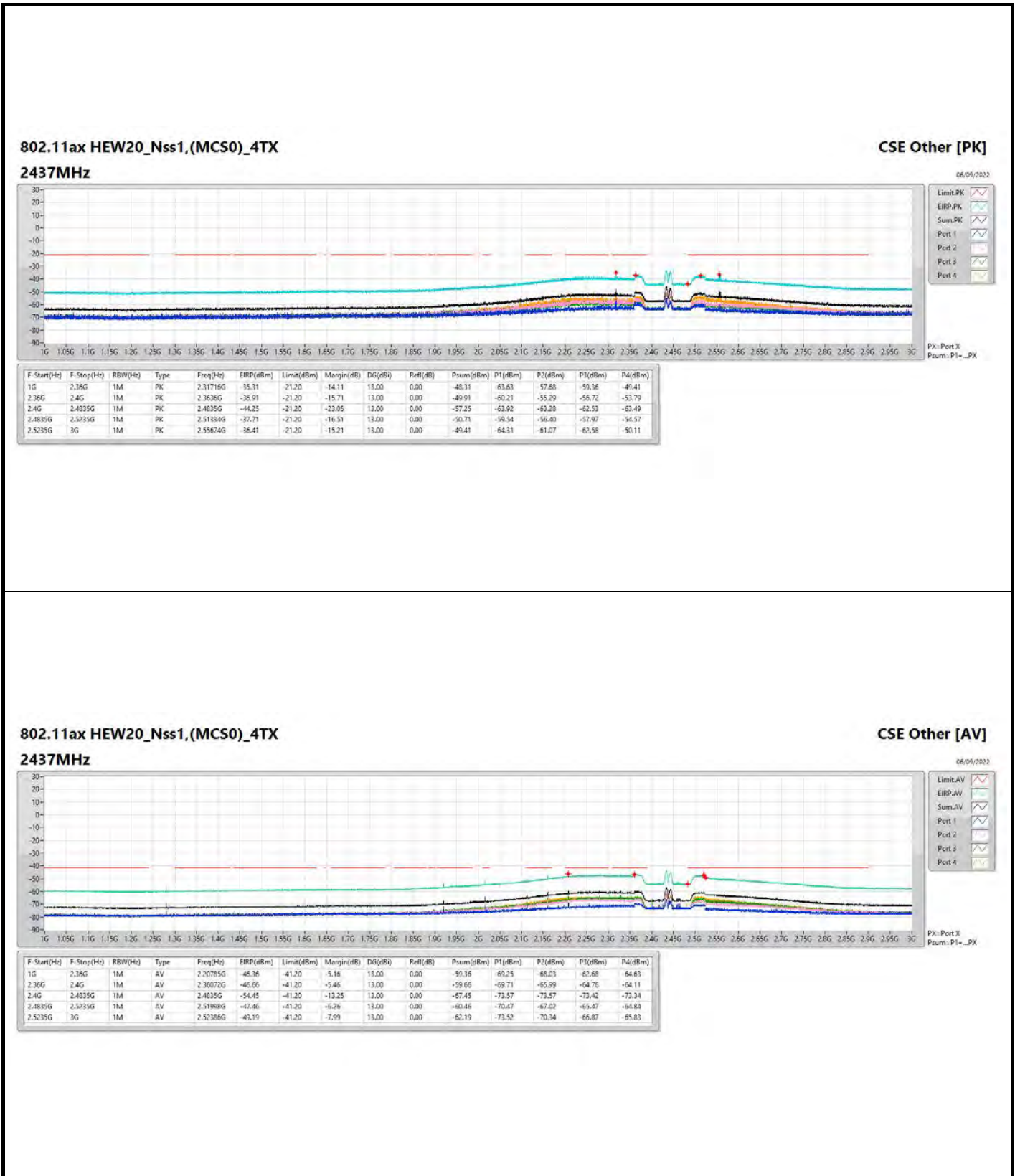


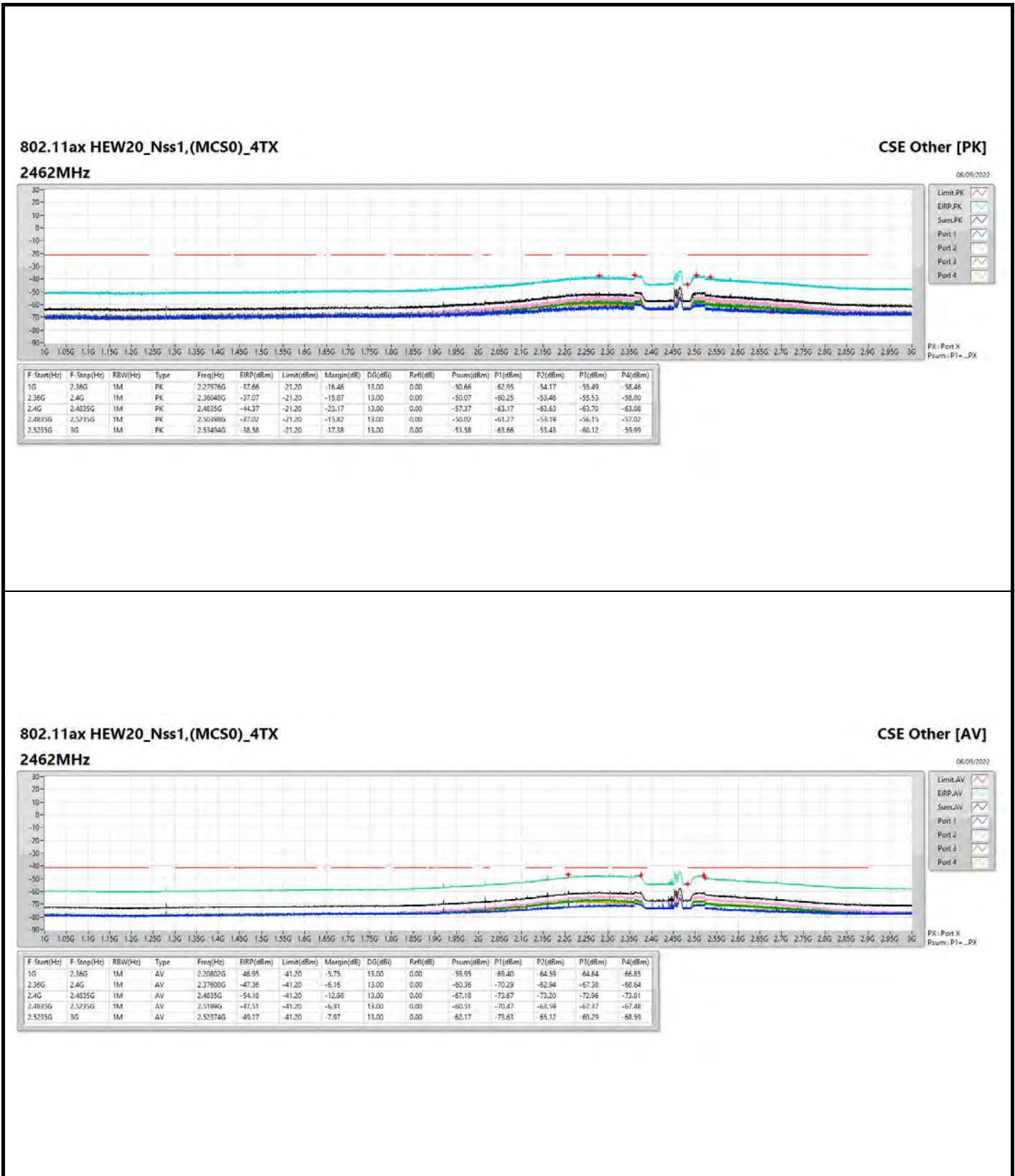














**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 3GHz ~ 25GHz)_P to M_P to P**

Appendix F.7

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	3G	7.5G	AV	7.31213G	13.00	-66.18				-66.18	-53.18	-41.20	-11.98
802.11g_Nss1,(6Mbps)_1TX	Pass	3G	7.5G	AV	7.47863G	13.00	-70.28				-70.28	-57.28	-41.20	-16.08
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	7.5G	25G	AV	22.12563G	13.00	-70.48				-70.48	-57.48	-41.20	-16.28
802.11b_Nss1,(1Mbps)_2TX	Pass	3G	7.5G	AV	7.4955G	13.00	-70.44	-71.17			-67.78	-54.78	-41.20	-13.58
802.11g_Nss1,(6Mbps)_2TX	Pass	7.5G	25G	AV	22.11031G	13.00	-70.85	-70.80			-67.81	-54.81	-41.20	-13.61
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	3G	7.5G	AV	7.48256G	13.00	-70.65	-71.14			-67.88	-54.88	-41.20	-13.68
802.11b_Nss1,(1Mbps)_4TX	Pass	7.5G	25G	AV	22.1475G	13.00	-71.02	-71.19	-71.38	-70.38	-64.96	-51.96	-41.20	-10.76
802.11g_Nss1,(6Mbps)_4TX	Pass	3G	7.5G	AV	7.49438G	13.00	-71.19	-71.23	-70.95	-70.80	-65.02	-52.02	-41.20	-10.82
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	7.5G	25G	AV	22.17156G	13.00	-70.97	-71.53	-71.07	-70.85	-65.08	-52.08	-41.20	-10.88

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



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 3GHz ~ 25GHz) P to M_P to P**

Appendix F.7

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.81013G	13.00	-73.88				-73.88	-60.88	-41.20	-19.68
2412MHz	Pass	3G	7.5G	AV	7.49888G	13.00	-70.97				-70.97	-57.97	-41.20	-16.77
2412MHz	Pass	7.5G	25G	AV	22.15188G	13.00	-70.78				-70.78	-57.78	-41.20	-16.58
2412MHz	Pass	3G	7.5G	PK	4.83713G	13.00	-64.17				-64.17	-51.17	-21.20	-29.97
2412MHz	Pass	3G	7.5G	PK	7.42744G	13.00	-60.70				-60.70	-47.70	-21.20	-26.50
2412MHz	Pass	7.5G	25G	PK	22.04906G	13.00	-60.42				-60.42	-47.42	-21.20	-26.22
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.87369G	13.00	-68.22				-68.22	-55.22	-41.20	-14.02
2437MHz	Pass	3G	7.5G	AV	7.31213G	13.00	-66.18				-66.18	-53.18	-41.20	-11.98
2437MHz	Pass	7.5G	25G	AV	22.18906G	13.00	-70.45				-70.45	-57.45	-41.20	-16.25
2437MHz	Pass	3G	7.5G	PK	4.87425G	13.00	-61.08				-61.08	-48.08	-21.20	-26.88
2437MHz	Pass	3G	7.5G	PK	7.31213G	13.00	-59.57				-59.57	-46.57	-21.20	-25.37
2437MHz	Pass	7.5G	25G	PK	8.49225G	13.00	-64.08				-64.08	-51.08	-21.20	-29.88
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.90575G	13.00	-74.39				-74.39	-61.39	-41.20	-20.19
2462MHz	Pass	3G	7.5G	AV	7.44994G	13.00	-70.56				-70.56	-57.56	-41.20	-16.36
2462MHz	Pass	7.5G	25G	AV	22.19125G	13.00	-70.68				-70.68	-57.68	-41.20	-16.48
2462MHz	Pass	3G	7.5G	PK	4.90688G	13.00	-64.37				-64.37	-51.37	-21.20	-30.17
2462MHz	Pass	3G	7.5G	PK	7.3875G	13.00	-61.45				-61.45	-48.45	-21.20	-27.25
2462MHz	Pass	7.5G	25G	PK	22.16281G	13.00	-60.43				-60.43	-47.43	-21.20	-26.23
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.82081G	13.00	-74.13				-74.13	-61.13	-41.20	-19.93
2412MHz	Pass	3G	7.5G	AV	7.47863G	13.00	-70.28				-70.28	-57.28	-41.20	-16.08
2412MHz	Pass	7.5G	25G	AV	22.17594G	13.00	-70.96				-70.96	-57.96	-41.20	-16.76
2412MHz	Pass	3G	7.5G	PK	4.83319G	13.00	-64.70				-64.70	-51.70	-21.20	-30.50
2412MHz	Pass	3G	7.5G	PK	7.40888G	13.00	-60.99				-60.99	-47.99	-21.20	-26.79
2412MHz	Pass	7.5G	25G	PK	22.01625G	13.00	-60.52				-60.52	-47.52	-21.20	-26.32
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.86975G	13.00	-73.27				-73.27	-60.27	-41.20	-19.07
2437MHz	Pass	3G	7.5G	AV	7.47356G	13.00	-70.88				-70.88	-57.88	-41.20	-16.68
2437MHz	Pass	7.5G	25G	AV	22.11031G	13.00	-70.58				-70.58	-57.58	-41.20	-16.38
2437MHz	Pass	3G	7.5G	PK	4.88325G	13.00	-64.09				-64.09	-51.09	-21.20	-29.89
2437MHz	Pass	3G	7.5G	PK	7.30594G	13.00	-60.00				-60.00	-47.00	-21.20	-25.80
2437MHz	Pass	7.5G	25G	PK	22.23938G	13.00	-60.41				-60.41	-47.41	-21.20	-26.21
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.92431G	13.00	-74.30				-74.30	-61.30	-41.20	-20.10
2462MHz	Pass	3G	7.5G	AV	7.47638G	13.00	-70.86				-70.86	-57.86	-41.20	-16.66
2462MHz	Pass	7.5G	25G	AV	22.10156G	13.00	-70.67				-70.67	-57.67	-41.20	-16.47
2462MHz	Pass	3G	7.5G	PK	4.91475G	13.00	-63.51				-63.51	-50.51	-21.20	-29.31
2462MHz	Pass	3G	7.5G	PK	7.49325G	13.00	-60.40				-60.40	-47.40	-21.20	-26.20
2462MHz	Pass	7.5G	25G	PK	19.11781G	13.00	-61.26				-61.26	-48.26	-21.20	-27.06
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.827G	13.00	-73.99				-73.99	-60.99	-41.20	-19.79
2412MHz	Pass	3G	7.5G	AV	7.47919G	13.00	-70.89				-70.89	-57.89	-41.20	-16.69
2412MHz	Pass	7.5G	25G	AV	22.13G	13.00	-70.75				-70.75	-57.75	-41.20	-16.55
2412MHz	Pass	3G	7.5G	PK	4.83431G	13.00	-63.61				-63.61	-50.61	-21.20	-29.41
2412MHz	Pass	3G	7.5G	PK	7.48313G	13.00	-60.60				-60.60	-47.60	-21.20	-26.40
2412MHz	Pass	7.5G	25G	PK	22.03156G	13.00	-60.85				-60.85	-47.85	-21.20	-26.65
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.87425G	13.00	-73.31				-73.31	-60.31	-41.20	-19.11
2437MHz	Pass	3G	7.5G	AV	7.49438G	13.00	-70.79				-70.79	-57.79	-41.20	-16.59
2437MHz	Pass	7.5G	25G	AV	22.12563G	13.00	-70.48				-70.48	-57.48	-41.20	-16.28
2437MHz	Pass	3G	7.5G	PK	4.881G	13.00	-63.45				-63.45	-50.45	-21.20	-29.25
2437MHz	Pass	3G	7.5G	PK	7.3155G	13.00	-60.93				-60.93	-47.93	-21.20	-26.73
2437MHz	Pass	7.5G	25G	PK	22.1125G	13.00	-60.00				-60.00	-47.00	-21.20	-25.80
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.93781G	13.00	-74.09				-74.09	-61.09	-41.20	-19.89
2462MHz	Pass	3G	7.5G	AV	7.49156G	13.00	-70.86				-70.86	-57.86	-41.20	-16.66
2462MHz	Pass	7.5G	25G	AV	22.05344G	13.00	-70.79				-70.79	-57.79	-41.20	-16.59
2462MHz	Pass	3G	7.5G	PK	4.92769G	13.00	-64.43				-64.43	-51.43	-21.20	-30.23
2462MHz	Pass	3G	7.5G	PK	7.43475G	13.00	-60.46				-60.46	-47.46	-21.20	-26.26
2462MHz	Pass	7.5G	25G	PK	22.01188G	13.00	-60.15				-60.15	-47.15	-21.20	-25.95
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.82419G	13.00	-74.44	-71.42			-69.66	-56.66	-41.20	-15.46
2412MHz	Pass	3G	7.5G	AV	7.4955G	13.00	-70.44	-71.17			-67.78	-54.78	-41.20	-13.58
2412MHz	Pass	7.5G	25G	AV	22.16719G	13.00	-70.44	-71.69			-68.01	-55.01	-41.20	-13.81
2412MHz	Pass	3G	7.5G	PK	4.80731G	13.00	-64.14	-66.14			-62.02	-49.02	-21.20	-27.82
2412MHz	Pass	3G	7.5G	PK	7.44769G	13.00	-61.36	-61.34			-58.34	-45.34	-21.20	-24.14



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 3GHz ~ 25GHz) P to M_P to P**

Appendix F.7

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)
2412MHz	Pass	7.5G	25G	PK	22.12344G	13.00	-61.10	-62.46			-58.72	-45.72	-21.20	-24.52
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.87369G	13.00	-73.24	-71.34			-69.18	-56.18	-41.20	-14.98
2437MHz	Pass	3G	7.5G	AV	7.48706G	13.00	-70.34	-71.37			-67.81	-54.81	-41.20	-13.61
2437MHz	Pass	7.5G	25G	AV	22.11906G	13.00	-71.20	-70.66			-67.91	-54.91	-41.20	-13.71
2437MHz	Pass	3G	7.5G	PK	4.87425G	13.00	-65.59	-64.70			-62.11	-49.11	-21.20	-27.91
2437MHz	Pass	3G	7.5G	PK	7.46513G	13.00	-61.38	-61.41			-58.38	-45.38	-21.20	-24.18
2437MHz	Pass	7.5G	25G	PK	22.20438G	13.00	-63.19	-60.79			-58.82	-45.82	-21.20	-24.62
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.94175G	13.00	-73.62	-74.74			-71.13	-58.13	-41.20	-16.93
2462MHz	Pass	3G	7.5G	AV	7.49325G	13.00	-70.78	-71.33			-68.04	-55.04	-41.20	-13.84
2462MHz	Pass	7.5G	25G	AV	22.13219G	13.00	-71.63	-70.56			-68.05	-55.05	-41.20	-13.85
2462MHz	Pass	3G	7.5G	PK	4.9215G	13.00	-67.29	-62.73			-61.43	-48.43	-21.20	-27.23
2462MHz	Pass	3G	7.5G	PK	7.44881G	13.00	-60.74	-61.35			-58.02	-45.02	-21.20	-23.82
2462MHz	Pass	7.5G	25G	PK	22.07094G	13.00	-60.30	-63.41			-58.57	-45.57	-21.20	-24.37
802.11g_Nss1,(6Mbps)_2TX														
2412MHz	Pass	3G	7.5G	AV	4.81631G	13.00	-75.01	-74.26			-71.61	-58.61	-41.20	-17.41
2412MHz	Pass	3G	7.5G	AV	7.48875G	13.00	-70.56	-71.84			-68.14	-55.14	-41.20	-13.94
2412MHz	Pass	7.5G	25G	AV	22.06875G	13.00	-71.01	-70.69			-67.84	-54.84	-41.20	-13.64
2412MHz	Pass	3G	7.5G	PK	4.84163G	13.00	-66.09	-64.36			-62.13	-49.13	-21.20	-27.93
2412MHz	Pass	3G	7.5G	PK	7.34869G	13.00	-62.71	-59.36			-57.71	-44.71	-21.20	-23.51
2412MHz	Pass	7.5G	25G	PK	22.18031G	13.00	-62.23	-61.27			-58.71	-45.71	-21.20	-24.51
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.88213G	13.00	-74.62	-74.16			-71.37	-58.37	-41.20	-17.17
2437MHz	Pass	3G	7.5G	AV	7.49269G	13.00	-70.34	-71.47			-67.86	-54.86	-41.20	-13.66
2437MHz	Pass	7.5G	25G	AV	22.04031G	13.00	-70.92	-70.95			-67.92	-54.92	-41.20	-13.72
2437MHz	Pass	3G	7.5G	PK	4.86806G	13.00	-65.09	-65.32			-62.19	-49.19	-21.20	-27.99
2437MHz	Pass	3G	7.5G	PK	7.455G	13.00	-61.00	-61.64			-58.30	-45.30	-21.20	-24.10
2437MHz	Pass	7.5G	25G	PK	22.12125G	13.00	-60.83	-62.03			-58.38	-45.38	-21.20	-24.18
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.92263G	13.00	-74.20	-74.22			-71.20	-58.20	-41.20	-17.00
2462MHz	Pass	3G	7.5G	AV	7.47638G	13.00	-70.91	-71.19			-68.04	-55.04	-41.20	-13.84
2462MHz	Pass	7.5G	25G	AV	22.11031G	13.00	-70.85	-70.80			-67.81	-54.81	-41.20	-13.61
2462MHz	Pass	3G	7.5G	PK	4.92488G	13.00	-65.90	-64.74			-62.27	-49.27	-21.20	-28.07
2462MHz	Pass	3G	7.5G	PK	7.473G	13.00	-61.91	-60.21			-57.97	-44.97	-21.20	-23.77
2462MHz	Pass	7.5G	25G	PK	22.20656G	13.00	-61.47	-60.40			-57.89	-44.89	-21.20	-23.69
802.11ax HEW20_Nss1,(MCS0)_2TX														
2412MHz	Pass	3G	7.5G	AV	4.84163G	13.00	-74.46	-73.72			-71.06	-58.06	-41.20	-16.86
2412MHz	Pass	3G	7.5G	AV	7.48988G	13.00	-71.27	-70.98			-68.11	-55.11	-41.20	-13.91
2412MHz	Pass	7.5G	25G	AV	22.01188G	13.00	-71.22	-70.85			-68.02	-55.02	-41.20	-13.82
2412MHz	Pass	3G	7.5G	PK	4.80788G	13.00	-63.66	-66.14			-61.72	-48.72	-21.20	-27.52
2412MHz	Pass	3G	7.5G	PK	7.42969G	13.00	-61.31	-61.81			-58.54	-45.54	-21.20	-24.34
2412MHz	Pass	7.5G	25G	PK	22.09281G	13.00	-60.62	-62.77			-58.55	-45.55	-21.20	-24.35
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.88438G	13.00	-73.95	-74.69			-71.29	-58.29	-41.20	-17.09
2437MHz	Pass	3G	7.5G	AV	7.48256G	13.00	-70.65	-71.14			-67.88	-54.88	-41.20	-13.68
2437MHz	Pass	7.5G	25G	AV	22.12781G	13.00	-70.48	-71.37			-67.89	-54.89	-41.20	-13.69
2437MHz	Pass	3G	7.5G	PK	4.87369G	13.00	-63.63	-65.28			-61.37	-48.37	-21.20	-27.17
2437MHz	Pass	3G	7.5G	PK	7.48931G	13.00	-60.75	-62.44			-58.50	-45.50	-21.20	-24.30
2437MHz	Pass	7.5G	25G	PK	22.16938G	13.00	-60.67	-61.83			-58.20	-45.20	-21.20	-24.00
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.92206G	13.00	-75.29	-74.04			-71.61	-58.61	-41.20	-17.41
2462MHz	Pass	3G	7.5G	AV	7.5G	13.00	-71.13	-71.25			-68.18	-55.18	-41.20	-13.98
2462MHz	Pass	7.5G	25G	AV	22.07094G	13.00	-71.29	-70.79			-68.02	-55.02	-41.20	-13.82
2462MHz	Pass	3G	7.5G	PK	4.91588G	13.00	-64.93	-65.27			-62.09	-49.09	-21.20	-27.89
2462MHz	Pass	3G	7.5G	PK	7.46231G	13.00	-61.52	-61.54			-58.52	-45.52	-21.20	-24.32
2462MHz	Pass	7.5G	25G	PK	22.21094G	13.00	-60.64	-63.04			-58.67	-45.67	-21.20	-24.47
802.11b_Nss1,(1Mbps)_4TX														
2412MHz	Pass	3G	7.5G	AV	4.82363G	13.00	-74.53	-72.67	-74.65	-75.57	-68.20	-55.20	-41.20	-14.00
2412MHz	Pass	3G	7.5G	AV	7.47188G	13.00	-71.04	-71.44	-71.11	-71.16	-65.16	-52.16	-41.20	-10.96
2412MHz	Pass	7.5G	25G	AV	22.10156G	13.00	-71.07	-71.05	-71.90	-70.44	-65.06	-52.06	-41.20	-10.86
2412MHz	Pass	3G	7.5G	PK	4.82588G	13.00	-67.05	-65.23	-62.52	-66.79	-58.97	-45.97	-21.20	-24.77
2412MHz	Pass	3G	7.5G	PK	7.4955G	13.00	-62.93	-63.44	-61.24	-61.86	-56.26	-43.26	-21.20	-22.06
2412MHz	Pass	7.5G	25G	PK	22.07094G	13.00	-63.93	-61.11	-61.81	-62.63	-56.23	-43.23	-21.20	-22.03
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.87425G	13.00	-73.94	-73.06	-74.48	-68.40	-65.69	-52.69	-41.20	-11.49
2437MHz	Pass	3G	7.5G	AV	7.47975G	13.00	-71.09	-70.47	-71.41	-71.82	-65.15	-52.15	-41.20	-10.95
2437MHz	Pass	7.5G	25G	AV	22.04031G	13.00	-71.67	-70.46	-71.28	-71.18	-65.10	-52.10	-41.20	-10.90
2437MHz	Pass	3G	7.5G	PK	4.87313G	13.00	-65.41	-65.50	-65.84	-64.89	-59.38	-46.38	-21.20	-25.18
2437MHz	Pass	3G	7.5G	PK	7.49663G	13.00	-62.15	-60.92	-62.58	-62.13	-55.88	-42.88	-21.20	-21.68



**CSE (Restricted Band)_Iron R1_Antenna set 2
(Harmonic 3GHz ~ 25GHz) P to M_P to P**

Appendix F.7

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)
2437MHz	Pass	7.5G	25G	PK	22.10375G	13.00	-60.22	-63.48	-63.22	-63.37	-56.32	-43.32	-21.20	-22.12
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.92375G	13.00	-75.70	-74.60	-75.48	-73.00	-68.54	-55.54	-41.20	-14.34
2462MHz	Pass	3G	7.5G	AV	7.47638G	13.00	-70.81	-70.59	-71.90	-72.00	-65.26	-52.26	-41.20	-11.06
2462MHz	Pass	7.5G	25G	AV	22.1475G	13.00	-71.02	-71.19	-71.38	-70.38	-64.96	-51.96	-41.20	-10.76
2462MHz	Pass	3G	7.5G	PK	4.92431G	13.00	-65.08	-65.04	-65.72	-63.61	-58.77	-45.77	-21.20	-24.57
2462MHz	Pass	3G	7.5G	PK	7.3875G	13.00	-63.64	-50.22	-62.88	-63.41	-49.62	-36.62	-21.20	-15.42
2462MHz	Pass	7.5G	25G	PK	22.10813G	13.00	-62.80	-61.95	-63.86	-60.71	-56.16	-43.16	-21.20	-21.96
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.83825G	13.00	-74.71	-74.57	-74.59	-75.19	-68.74	-55.74	-41.20	-14.54
2412MHz	Pass	3G	7.5G	AV	7.49606G	13.00	-70.76	-71.87	-71.05	-71.38	-65.23	-52.23	-41.20	-11.03
2412MHz	Pass	7.5G	25G	AV	22.13219G	13.00	-71.35	-70.60	-71.02	-71.32	-65.04	-52.04	-41.20	-10.84
2412MHz	Pass	3G	7.5G	PK	4.82588G	13.00	-64.76	-65.67	-66.20	-65.30	-59.43	-46.43	-21.20	-25.23
2412MHz	Pass	3G	7.5G	PK	7.49775G	13.00	-61.13	-62.39	-62.38	-61.54	-55.81	-42.81	-21.20	-21.61
2412MHz	Pass	7.5G	25G	PK	22.17375G	13.00	-60.72	-62.16	-60.48	-63.21	-55.48	-42.48	-21.20	-21.28
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.863G	13.00	-74.77	-74.26	-74.63	-74.72	-68.57	-55.57	-41.20	-14.37
2437MHz	Pass	3G	7.5G	AV	7.49438G	13.00	-71.19	-71.23	-70.95	-70.80	-65.02	-52.02	-41.20	-10.82
2437MHz	Pass	7.5G	25G	AV	22.22406G	13.00	-71.10	-71.26	-71.26	-71.14	-65.17	-52.17	-41.20	-10.97
2437MHz	Pass	3G	7.5G	PK	4.863G	13.00	-65.43	-65.86	-65.39	-64.66	-59.29	-46.29	-21.20	-25.09
2437MHz	Pass	3G	7.5G	PK	7.46963G	13.00	-62.03	-62.54	-62.28	-62.30	-56.26	-43.26	-21.20	-22.06
2437MHz	Pass	7.5G	25G	PK	22.03594G	13.00	-61.46	-62.88	-61.23	-62.91	-56.03	-43.03	-21.20	-21.83
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.90969G	13.00	-74.51	-74.73	-74.27	-74.58	-68.50	-55.50	-41.20	-14.30
2462MHz	Pass	3G	7.5G	AV	7.48931G	13.00	-71.53	-71.32	-71.24	-70.71	-65.17	-52.17	-41.20	-10.97
2462MHz	Pass	7.5G	25G	AV	22.14531G	13.00	-70.78	-71.79	-70.68	-71.46	-65.13	-52.13	-41.20	-10.93
2462MHz	Pass	3G	7.5G	PK	4.90856G	13.00	-64.81	-66.49	-64.52	-65.78	-59.31	-46.31	-21.20	-25.11
2462MHz	Pass	3G	7.5G	PK	7.43475G	13.00	-62.61	-59.80	-62.47	-63.79	-55.88	-42.88	-21.20	-21.68
2462MHz	Pass	7.5G	25G	PK	22.09063G	13.00	-62.06	-62.15	-60.72	-62.64	-55.81	-42.81	-21.20	-21.61
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3G	7.5G	AV	4.83431G	13.00	-74.53	-74.15	-75.40	-74.62	-68.63	-55.63	-41.20	-14.43
2412MHz	Pass	3G	7.5G	AV	7.49325G	13.00	-72.22	-71.12	-70.95	-70.97	-65.26	-52.26	-41.20	-11.06
2412MHz	Pass	7.5G	25G	AV	22.02063G	13.00	-71.48	-70.39	-71.38	-71.57	-65.16	-52.16	-41.20	-10.96
2412MHz	Pass	3G	7.5G	PK	4.82588G	13.00	-66.29	-64.72	-64.77	-65.76	-59.31	-46.31	-21.20	-25.11
2412MHz	Pass	3G	7.5G	PK	7.48481G	13.00	-60.12	-62.07	-63.20	-63.13	-55.92	-42.92	-21.20	-21.72
2412MHz	Pass	7.5G	25G	PK	22.11469G	13.00	-61.89	-63.36	-60.62	-60.65	-55.47	-42.47	-21.20	-21.27
2417MHz														
2437MHz	Pass	3G	7.5G	AV	4.87931G	13.00	-74.78	-73.84	-74.59	-75.34	-68.58	-55.58	-41.20	-14.38
2437MHz	Pass	3G	7.5G	AV	7.4775G	13.00	-71.65	-70.85	-71.57	-71.46	-65.35	-52.35	-41.20	-11.15
2437MHz	Pass	7.5G	25G	AV	22.08406G	13.00	-70.44	-71.56	-71.36	-71.49	-65.17	-52.17	-41.20	-10.97
2437MHz	Pass	3G	7.5G	PK	4.87369G	13.00	-66.63	-66.42	-65.33	-63.81	-59.38	-46.38	-21.20	-25.18
2437MHz	Pass	3G	7.5G	PK	7.47131G	13.00	-63.27	-60.20	-62.46	-62.04	-55.82	-42.82	-21.20	-21.62
2437MHz	Pass	7.5G	25G	PK	22.03156G	13.00	-60.75	-62.58	-61.66	-63.86	-56.04	-43.04	-21.20	-21.84
2457MHz														
2462MHz	Pass	3G	7.5G	AV	4.92263G	13.00	-74.52	-75.34	-74.23	-73.31	-68.27	-55.27	-41.20	-14.07
2462MHz	Pass	3G	7.5G	AV	7.49944G	13.00	-70.93	-71.36	-71.23	-71.70	-65.28	-52.28	-41.20	-11.08
2462MHz	Pass	7.5G	25G	AV	22.17156G	13.00	-70.97	-71.53	-71.07	-70.85	-65.08	-52.08	-41.20	-10.88
2462MHz	Pass	3G	7.5G	PK	4.93725G	13.00	-64.78	-64.81	-64.67	-67.03	-59.20	-46.20	-21.20	-25.00
2462MHz	Pass	3G	7.5G	PK	7.48313G	13.00	-62.64	-60.85	-61.56	-61.40	-55.54	-42.54	-21.20	-21.34
2462MHz	Pass	7.5G	25G	PK	22.07969G	13.00	-61.16	-62.73	-62.48	-61.44	-55.88	-42.88	-21.20	-21.68

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

