



CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14

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)
5230MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-72.63	-71.59			-69.07	-50.54	-21.20	-29.34
5230MHz	Pass	5.35G	5.43G	PK	5.40968G	18.53	-65.73	-62.08			-60.52	-41.99	-21.20	-20.79
5230MHz	Pass	5.43G	8G	PK	5.81004G	18.53	-68.15	-62.23			-61.24	-42.71	-27.00	-15.71
5755MHz	Pass	1G	5.645G	AV	1.91917G	18.53	-68.24	-86.41			-68.17	-49.64	-41.20	-8.44
5755MHz	Pass	5.93G	8G	AV	7.32363G	18.53	-82.55	-82.09			-79.30	-60.77	-41.20	-19.57
5755MHz	Pass	1G	5.645G	PK	5.17586G	18.53	-67.55	-61.24			-60.33	-41.80	-27.00	-14.80
5755MHz	Pass	5.645G	5.725G	PK	5.64724G	18.53	-70.91	-69.37			-67.06	-48.53	-27.00	-21.53
5755MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.79	-69.13			-66.44	-47.91	27.00	-74.91
5755MHz	Pass	5.85G	5.93G	PK	5.92632G	18.53	-61.22	-57.77			-56.15	-37.62	-27.00	-10.62
5755MHz	Pass	5.93G	8G	PK	5.93336G	18.53	-61.18	-59.15			-57.04	-38.51	-27.00	-11.51
5795MHz	Pass	1G	5.645G	AV	1.91971G	18.53	-67.33	-86.07			-67.27	-48.74	-41.20	-7.54
5795MHz	Pass	5.93G	8G	AV	7.36011G	18.53	-82.53	-81.50			-78.97	-60.44	-41.20	-19.24
5795MHz	Pass	1G	5.645G	PK	5.16715G	18.53	-68.40	-61.56			-60.74	-42.21	-27.00	-15.21
5795MHz	Pass	5.645G	5.725G	PK	5.64564G	18.53	-71.41	-69.10			-67.09	-48.56	-27.00	-21.56
5795MHz	Pass	5.725G	5.85G	PK	5.725G	18.53	-70.60	-69.38			-66.94	-48.41	27.00	-75.41
5795MHz	Pass	5.85G	5.93G	PK	5.92488G	18.53	-61.56	-54.23			-53.49	-34.96	-26.91	-8.05
5795MHz	Pass	5.93G	8G	PK	5.95769G	18.53	-61.47	-57.83			-56.27	-37.74	-27.00	-10.74
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.9197G	18.53	-67.50	-86.08			-67.44	-48.91	-41.20	-7.71
5210MHz	Pass	4.99G	5.15G	AV	5.12568G	18.53	-74.64	-68.27			-67.37	-48.84	-41.20	-7.64
5210MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.10	-81.37			-78.22	-59.69	-41.20	-18.49
5210MHz	Pass	5.35G	5.51G	AV	5.45304G	18.53	-76.68	-73.76			-71.97	-53.44	-41.20	-12.24
5210MHz	Pass	5.51G	8G	AV	7.32739G	18.53	-82.62	-82.06			-79.32	-60.79	-41.20	-19.59
5210MHz	Pass	1G	4.99G	PK	4.41893G	18.53	-69.55	-72.01			-67.60	-49.07	-27.00	-22.07
5210MHz	Pass	4.99G	5.15G	PK	5.11192G	18.53	-63.84	-57.03			-56.21	-37.68	-21.20	-16.48
5210MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.17	-71.12			-68.13	-49.60	-21.20	-28.40
5210MHz	Pass	5.35G	5.51G	PK	5.49016G	18.53	-67.57	-63.13			-61.80	-43.27	-27.00	-16.27
5210MHz	Pass	5.51G	8G	PK	5.75993G	18.53	-64.23	-61.61			-59.72	-41.19	-27.00	-14.19
5775MHz	Pass	1G	5.565G	AV	1.91985G	18.53	-68.22	-85.56			-68.14	-49.61	-41.20	-8.41
5775MHz	Pass	6.01G	8G	AV	7.33061G	18.53	-82.49	-81.93			-79.19	-60.66	-41.20	-19.46
5775MHz	Pass	1G	5.565G	PK	5.22377G	18.53	-71.98	-62.01			-61.59	-43.06	-27.00	-16.06
5775MHz	Pass	5.565G	5.725G	PK	5.63732G	18.53	-71.30	-68.66			-66.77	-48.24	-27.00	-21.24
5775MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.53	-70.05			-66.77	-48.24	27.00	-75.24
5775MHz	Pass	5.85G	6.01G	PK	5.92744G	18.53	-61.26	-52.63			-52.07	-33.54	-27.00	-6.54
5775MHz	Pass	6.01G	8G	PK	6.02816G	18.53	-67.28	-60.98			-60.07	-41.54	-27.00	-14.54
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	1.92013G	18.53	-68.19	-85.51	-84.79	-85.17	-67.94	-49.41	-41.20	-8.21
5180MHz	Pass	5.11G	5.15G	AV	5.11264G	18.53	-79.52	-77.79	-77.83	-77.72	-72.13	-53.60	-41.20	-12.40
5180MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.76	-81.46	-81.27	-81.40	-75.19	-56.66	-41.20	-15.46
5180MHz	Pass	5.35G	5.39G	AV	5.38704G	18.53	-79.90	-78.33	-77.89	-78.20	-72.49	-53.96	-41.20	-12.76
5180MHz	Pass	5.39G	8G	AV	5.44514G	18.53	-80.30	-78.14	-78.09	-77.74	-72.44	-53.91	-41.20	-12.71
5180MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-64.86	-77.21	-78.25	-77.24	-64.21	-45.68	-27.00	-18.68
5180MHz	Pass	5.11G	5.15G	PK	5.118G	18.53	-70.98	-69.32	-67.36	-66.19	-62.07	-43.54	-21.20	-22.34
5180MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.69	-71.14	-71.25	-71.59	-65.39	-46.86	-21.20	-25.66
5180MHz	Pass	5.35G	5.39G	PK	5.38656G	18.53	-69.95	-68.24	-67.74	-67.44	-62.22	-43.69	-21.20	-22.49
5180MHz	Pass	5.39G	8G	PK	5.88884G	18.53	-71.18	-67.31	-65.88	-67.22	-61.49	-42.96	-27.00	-15.96
5200MHz	Pass	1G	5.11G	AV	5.03602G	18.53	-78.26	-73.15	-76.54	-74.25	-69.10	-50.57	-41.20	-9.37
5200MHz	Pass	5.11G	5.15G	AV	5.11208G	18.53	-77.75	-74.54	-76.96	-74.80	-69.78	-51.25	-41.20	-10.05
5200MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.27	-80.30	-81.30	-80.52	-74.80	-56.27	-41.20	-15.07
5200MHz	Pass	5.35G	5.39G	AV	5.3888G	18.53	-77.84	-75.28	-76.81	-74.79	-69.99	-51.46	-41.20	-10.26
5200MHz	Pass	5.39G	8G	AV	5.43437G	18.53	-77.53	-74.83	-78.38	-74.55	-69.99	-51.46	-41.20	-10.26
5200MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-64.88	-78.39	-76.55	-77.14	-64.19	-45.66	-27.00	-18.66
5200MHz	Pass	5.11G	5.15G	PK	5.11592G	18.53	-68.23	-64.03	-67.85	-64.13	-59.60	-41.07	-21.20	-19.87
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.39	-72.09	-71.75	-71.42	-65.63	-47.10	-21.20	-25.90
5200MHz	Pass	5.35G	5.39G	PK	5.38808G	18.53	-68.41	-64.49	-67.88	-64.13	-59.79	-41.26	-21.20	-20.06
5200MHz	Pass	5.39G	8G	PK	5.93549G	18.53	-66.87	-62.90	-68.58	-64.92	-59.28	-40.75	-27.00	-13.75
5240MHz	Pass	1G	5.11G	AV	1.91961G	18.53	-67.14	-86.02	-85.91	-85.73	-66.97	-48.44	-41.20	-7.24
5240MHz	Pass	5.11G	5.15G	AV	5.11232G	18.53	-78.26	-77.45	-73.66	-75.16	-69.73	-51.20	-41.20	-10.00
5240MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.37	-81.07	-81.48	-81.53	-75.34	-56.81	-41.20	-15.61
5240MHz	Pass	5.35G	5.39G	AV	5.38992G	18.53	-77.61	-77.62	-73.87	-75.16	-69.74	-51.21	-41.20	-10.01
5240MHz	Pass	5.39G	8G	AV	5.45199G	18.53	-77.58	-77.55	-74.01	-74.24	-69.49	-50.96	-41.20	-9.76
5240MHz	Pass	1G	5.11G	PK	1.27948G	18.53	-65.60	-77.06	-79.90	-77.34	-64.90	-46.37	-27.00	-19.37
5240MHz	Pass	5.11G	5.15G	PK	5.11256G	18.53	-68.27	-68.33	-63.08	-64.93	-59.55	-41.02	-21.20	-19.82
5240MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.86	-71.56	-71.49	-70.94	-65.43	-46.90	-21.20	-25.70
5240MHz	Pass	5.35G	5.39G	PK	5.39G	18.53	-67.34	-67.28	-63.33	-64.60	-59.27	-40.74	-21.20	-19.54
5240MHz	Pass	5.39G	8G	PK	5.9518G	18.53	-66.38	-70.19	-61.89	-64.83	-58.85	-40.32	-27.00	-13.32
5745MHz	Pass	1G	5.685G	AV	1.92002G	18.53	-66.81	-85.35	-85.45	-84.97	-66.63	-48.10	-41.20	-6.90
5745MHz	Pass	5.89G	8G	AV	7.2913G	18.53	-82.16	-82.32	-83.31	-82.58	-76.55	-58.02	-41.20	-16.82
5745MHz	Pass	1G	5.685G	PK	5.3184G	18.53	-68.87	-63.11	-64.51	-66.59	-59.24	-40.71	-27.00	-13.71
5745MHz	Pass	5.685G	5.725G	PK	5.68532G	18.53	-70.26	-69.20	-70.18	-70.32	-63.94	-45.41	-0.86	-44.55



CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14

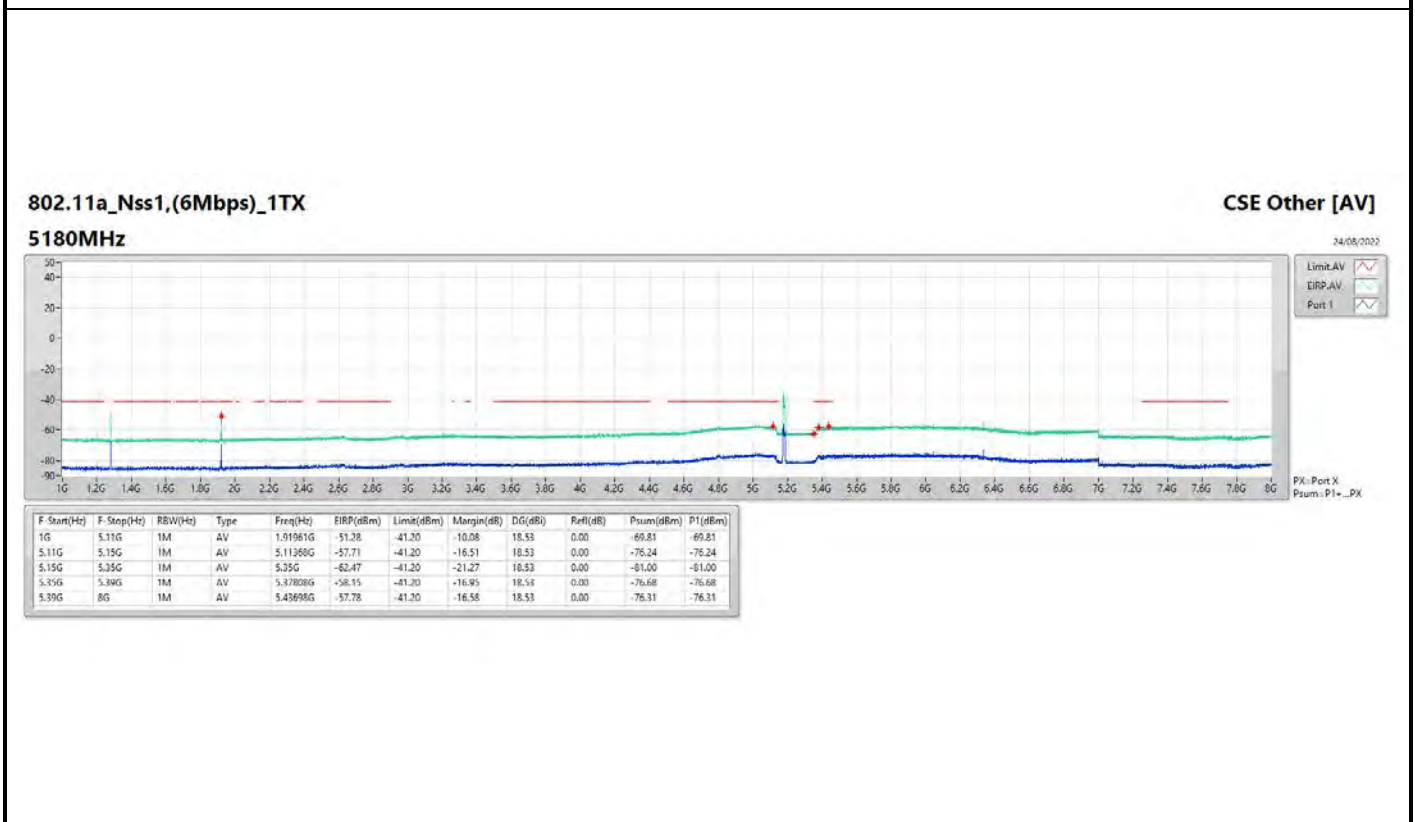
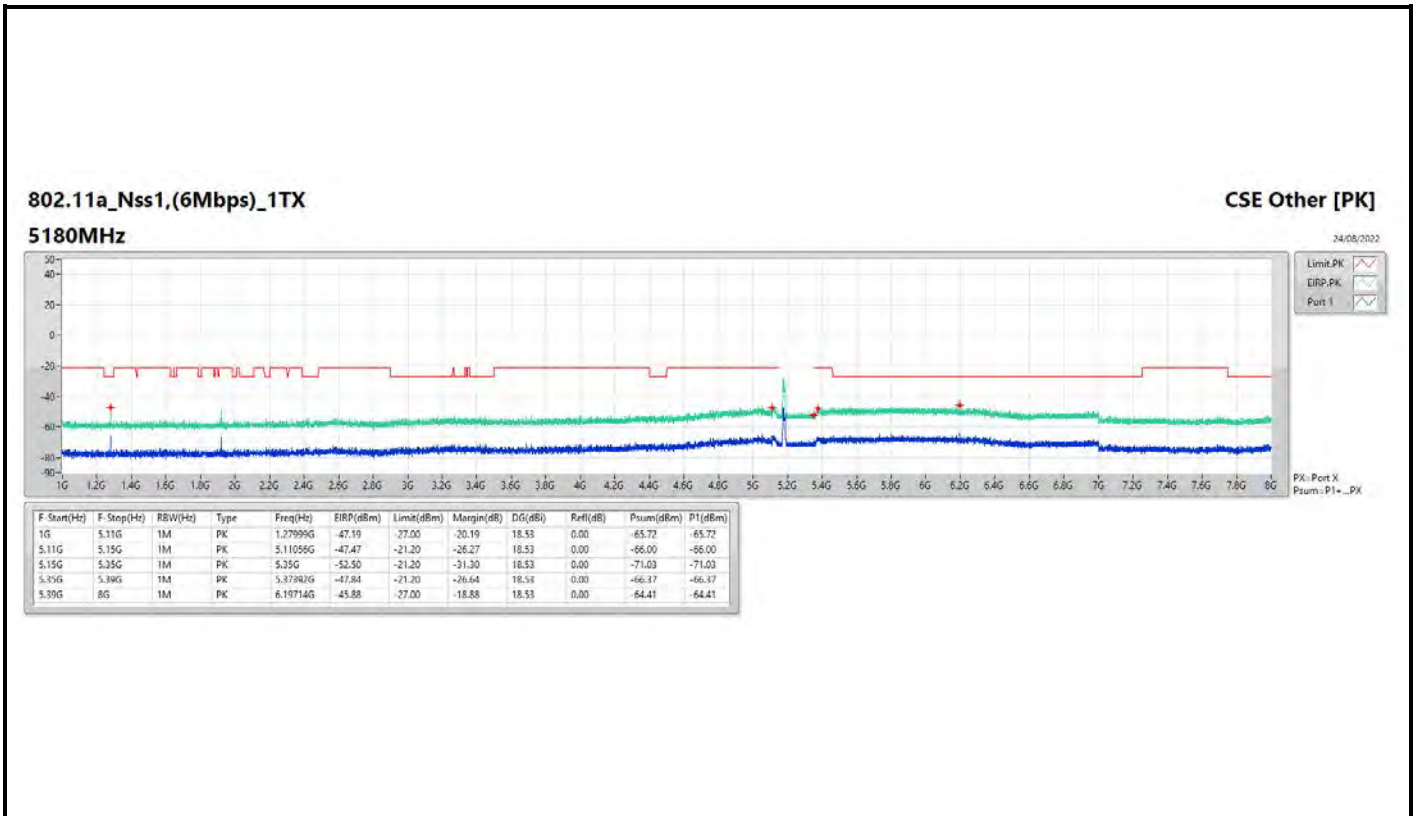
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-70.29	-69.14	-70.17	-70.06	-63.87	-45.34	27.00	-72.34
5745MHz	Pass	5.85G	5.89G	PK	5.88992G	18.53	-65.01	-61.21	-61.12	-62.05	-56.08	-37.55	-1.04	-36.51
5745MHz	Pass	5.89G	8G	PK	6.12606G	18.53	-67.96	-62.09	-61.07	-63.97	-57.08	-38.55	-27.00	-11.55
5785MHz	Pass	1G	5.685G	AV	5.14095G	18.53	-78.34	-73.02	-71.94	-73.79	-67.69	-49.16	-41.20	-7.96
5785MHz	Pass	5.89G	8G	AV	7.32665G	18.53	-82.99	-82.39	-82.56	-81.79	-76.39	-57.86	-41.20	-16.66
5785MHz	Pass	1G	5.685G	PK	5.17551G	18.53	-71.15	-67.14	-61.99	-66.64	-59.51	-40.98	-27.00	-13.98
5785MHz	Pass	5.685G	5.725G	PK	5.6862G	18.53	-70.04	-69.65	-69.52	-68.58	-63.39	-44.86	-0.21	-44.65
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-68.10	-70.14	-70.15	-70.13	-63.51	-44.98	27.00	-71.98
5785MHz	Pass	5.85G	5.89G	PK	5.89G	18.53	-65.67	-64.67	-62.85	-62.93	-57.85	-39.32	-1.10	-38.22
5785MHz	Pass	5.89G	8G	PK	5.93062G	18.53	-63.87	-62.98	-59.69	-59.71	-55.15	-36.62	-27.00	-9.62
5825MHz	Pass	1G	5.685G	AV	5.10757G	18.53	-78.40	-72.45	-73.83	-73.51	-68.03	-49.50	-41.20	-8.30
5825MHz	Pass	5.89G	8G	AV	7.30555G	18.53	-82.63	-83.06	-82.60	-82.17	-76.58	-58.05	-41.20	-16.85
5825MHz	Pass	1G	5.685G	PK	5.24402G	18.53	-70.14	-65.26	-64.29	-64.57	-59.52	-40.99	-27.00	-13.99
5825MHz	Pass	5.685G	5.725G	PK	5.68524G	18.53	-69.82	-69.19	-70.03	-71.45	-64.03	-45.50	-0.92	-44.58
5825MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.58	-69.20	-69.76	-70.59	-63.73	-45.20	27.00	-72.20
5825MHz	Pass	5.85G	5.89G	PK	5.8892G	18.53	-66.55	-64.45	-61.85	-62.60	-57.49	-38.96	-0.51	-38.45
5825MHz	Pass	5.89G	8G	PK	5.98891G	18.53	-66.14	-60.92	-62.21	-60.99	-56.11	-37.58	-27.00	-10.58
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	5.11G	AV	5.01342G	18.53	-77.00	-73.22	-76.13	-73.63	-68.69	-50.16	-41.20	-8.96
5180MHz	Pass	5.11G	5.15G	AV	5.11032G	18.53	-77.16	-74.59	-77.09	-74.51	-69.63	-51.10	-41.20	-9.90
5180MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.76	-80.67	-81.27	-81.41	-75.00	-56.47	-41.20	-15.27
5180MHz	Pass	5.35G	5.39G	AV	5.3888G	18.53	-78.11	-74.32	-77.97	-75.45	-70.14	-51.61	-41.20	-10.41
5180MHz	Pass	5.39G	8G	AV	5.44514G	18.53	-77.09	-75.42	-78.07	-73.52	-69.65	-51.12	-41.20	-9.92
5180MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-66.35	-76.37	-77.08	-77.09	-65.32	-46.79	-27.00	-19.79
5180MHz	Pass	5.11G	5.15G	PK	5.11096G	18.53	-68.16	-63.72	-65.57	-64.68	-59.23	-40.70	-21.20	-19.50
5180MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-69.12	-71.80	-71.35	-71.84	-64.85	-46.32	-21.20	-25.12
5180MHz	Pass	5.35G	5.39G	PK	5.38728G	18.53	-68.77	-65.20	-67.91	-63.05	-59.62	-41.09	-21.20	-19.89
5180MHz	Pass	5.39G	8G	PK	5.75997G	18.53	-67.43	-65.64	-68.61	-61.84	-59.04	-40.51	-27.00	-13.51
5200MHz	Pass	1G	5.11G	AV	5.03345G	18.53	-76.33	-72.35	-72.46	-71.87	-66.92	-48.39	-41.20	-7.19
5200MHz	Pass	5.11G	5.15G	AV	5.11168G	18.53	-77.30	-73.86	-71.86	-74.09	-67.85	-49.32	-41.20	-8.12
5200MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.61	-81.07	-81.62	-81.02	-75.30	-56.77	-41.20	-15.57
5200MHz	Pass	5.35G	5.39G	AV	5.38936G	18.53	-76.34	-74.50	-73.87	-73.88	-68.52	-49.99	-41.20	-8.79
5200MHz	Pass	5.39G	8G	AV	5.45264G	18.53	-77.52	-75.02	-73.08	-74.43	-68.71	-50.18	-41.20	-8.98
5200MHz	Pass	1G	5.11G	PK	5.05349G	18.53	-66.75	-63.01	-61.75	-65.42	-57.78	-39.25	-21.20	-18.05
5200MHz	Pass	5.11G	5.15G	PK	5.11088G	18.53	-67.35	-64.66	-61.14	-63.99	-57.71	-39.18	-21.20	-17.98
5200MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.99	-71.05	-71.56	-70.93	-65.34	-46.81	-21.20	-25.61
5200MHz	Pass	5.35G	5.39G	PK	5.3852G	18.53	-66.53	-64.88	-62.18	-64.25	-58.16	-39.63	-21.20	-18.43
5200MHz	Pass	5.39G	8G	PK	5.67808G	18.53	-65.63	-66.32	-63.20	-63.98	-58.58	-40.05	-27.00	-13.05
5240MHz	Pass	1G	5.11G	AV	5.06941G	18.53	-76.32	-72.74	-72.72	-72.08	-67.17	-48.64	-41.20	-7.44
5240MHz	Pass	5.11G	5.15G	AV	5.11184G	18.53	-76.93	-73.88	-72.29	-73.45	-67.81	-49.28	-41.20	-8.08
5240MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.19	-81.51	-81.25	-81.02	-75.22	-56.69	-41.20	-15.49
5240MHz	Pass	5.35G	5.39G	AV	5.38712G	18.53	-76.64	-74.12	-71.93	-73.61	-67.74	-49.21	-41.20	-8.01
5240MHz	Pass	5.39G	8G	AV	5.39848G	18.53	-76.54	-73.65	-74.24	-72.71	-68.05	-49.52	-41.20	-8.32
5240MHz	Pass	1G	5.11G	PK	1.27999G	18.53	-64.93	-77.49	-78.03	-76.58	-64.24	-45.71	-27.00	-18.71
5240MHz	Pass	5.11G	5.15G	PK	5.11G	18.53	-66.08	-63.67	-63.44	-62.74	-57.80	-39.27	-21.20	-18.07
5240MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.80	-70.81	-71.75	-70.47	-65.15	-46.62	-21.20	-25.42
5240MHz	Pass	5.35G	5.39G	PK	5.3896G	18.53	-65.91	-63.24	-62.92	-62.68	-57.49	-38.96	-21.20	-17.76
5240MHz	Pass	5.39G	8G	PK	5.62327G	18.53	-66.23	-62.20	-64.77	-65.25	-58.32	-39.79	-27.00	-12.79
5745MHz	Pass	1G	5.685G	AV	5.36583G	18.53	-76.70	-73.28	-72.05	-72.28	-67.21	-48.68	-41.20	-7.48
5745MHz	Pass	5.89G	8G	AV	7.25491G	18.53	-81.17	-83.65	-82.84	-82.52	-76.43	-57.90	-41.20	-16.70
5745MHz	Pass	1G	5.685G	PK	5.3143G	18.53	-70.98	-63.03	-62.99	-66.99	-58.93	-40.40	-27.00	-13.40
5745MHz	Pass	5.685G	5.725G	PK	5.68508G	18.53	-71.16	-69.52	-70.73	-69.07	-64.02	-45.49	-1.04	-44.45
5745MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-68.94	-69.96	-69.46	-70.12	-63.57	-45.04	27.00	-72.04
5745MHz	Pass	5.85G	5.89G	PK	5.8896G	18.53	-65.19	-61.92	-60.33	-61.13	-55.78	-37.25	-0.80	-36.45
5745MHz	Pass	5.89G	8G	PK	5.92745G	18.53	-66.61	-63.50	-62.65	-60.66	-56.85	-38.32	-27.00	-11.32
5785MHz	Pass	1G	5.685G	AV	5.06072G	18.53	-77.51	-73.36	-72.43	-73.73	-67.87	-49.34	-41.20	-8.14
5785MHz	Pass	5.89G	8G	AV	7.28049G	18.53	-82.62	-82.37	-82.75	-82.84	-76.62	-58.09	-41.20	-16.89
5785MHz	Pass	1G	5.685G	PK	5.24461G	18.53	-69.15	-66.14	-61.98	-65.43	-58.91	-40.38	-27.00	-13.38
5785MHz	Pass	5.685G	5.725G	PK	5.68524G	18.53	-70.15	-70.25	-70.45	-69.41	-64.03	-45.50	-0.92	-44.58
5785MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.77	-69.75	-68.69	-69.76	-63.45	-44.92	27.00	-71.92
5785MHz	Pass	5.85G	5.89G	PK	5.88992G	18.53	-66.78	-64.08	-61.33	-63.87	-57.58	-39.05	-1.04	-38.01
5785MHz	Pass	5.89G	8G	PK	5.94196G	18.53	-64.53	-63.25	-59.64	-59.46	-55.17	-36.64	-27.00	-9.64
5825MHz	Pass	1G	5.685G	AV	5.10875G	18.53	-76.81	-72.88	-72.84	-74.36	-67.93	-49.40	-41.20	-8.20
5825MHz	Pass	5.89G	8G	AV	7.29262G	18.53	-82.60	-83.39	-82.74	-81.98	-76.63	-58.10	-41.20	-16.90
5825MHz	Pass	1G	5.685G	PK	5.18956G	18.53	-68.99	-66.78	-62.53	-66.58	-59.53	-41.00	-27.00	-14.00
5825MHz	Pass	5.685G	5.725G	PK	5.68516G	18.53	-70.37	-68.97	-70.82	-70.68	-64.12	-45.59	-0.98	-44.61
5825MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.74	-68.84	-69.83	-70.04	-63.57	-45.04	27.00	-72.04
5825MHz	Pass	5.85G	5.89G	PK	5.8896G	18.53	-65.10	-63.03	-63.07	-62.75	-57.37	-38.84	-0.80	-38.04
5825MHz	Pass	5.89G	8G	PK	5.9897G	18.53	-66.59	-62.75	-60.50	-59.64	-55.64	-37.11	-27.00	-10.11
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-



CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14

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	5.0349G	18.53	-78.59	-72.75	-72.60	-73.29	-67.73	-49.20	-41.20	-8.00
5190MHz	Pass	5.07G	5.15G	AV	5.07368G	18.53	-77.02	-73.44	-75.33	-72.85	-68.35	-49.82	-41.20	-8.62
5190MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-81.67	-81.27	-81.20	-81.17	-75.30	-56.77	-41.20	-15.57
5190MHz	Pass	5.35G	5.43G	AV	5.38328G	18.53	-77.98	-74.54	-75.51	-73.97	-69.23	-50.70	-41.20	-9.50
5190MHz	Pass	5.43G	8G	AV	5.44124G	18.53	-77.74	-74.78	-77.58	-74.34	-69.81	-51.28	-41.20	-10.08
5190MHz	Pass	1G	5.07G	PK	5.02981G	18.53	-69.74	-62.82	-65.33	-63.70	-58.70	-40.17	-21.20	-18.97
5190MHz	Pass	5.07G	5.15G	PK	5.12184G	18.53	-68.07	-62.97	-64.65	-63.93	-58.51	-39.98	-21.20	-18.78
5190MHz	Pass	5.15G	5.35G	PK	5.35G	18.53	-71.25	-71.05	-71.23	-72.01	-65.35	-46.82	-21.20	-25.62
5190MHz	Pass	5.35G	5.43G	PK	5.41128G	18.53	-65.89	-62.82	-67.91	-65.23	-59.06	-40.53	-21.20	-19.33
5190MHz	Pass	5.43G	8G	PK	5.76025G	18.53	-69.09	-65.81	-65.88	-63.28	-59.53	-41.00	-27.00	-14.00
5230MHz	Pass	1G	5.07G	AV	5.05321G	18.53	-75.29	-71.48	-71.53	-71.36	-66.12	-47.59	-41.20	-6.39
5230MHz	Pass	5.07G	5.15G	AV	5.07464G	18.53	-75.30	-71.70	-71.48	-70.24	-65.80	-47.27	-41.20	-6.07
5230MHz	Pass	5.15G	5.35G	AV	5.15G	18.53	-80.79	-80.96	-81.62	-81.79	-75.25	-56.72	-41.20	-15.52
5230MHz	Pass	5.35G	5.43G	AV	5.39384G	18.53	-76.09	-72.76	-72.26	-71.01	-66.65	-48.12	-41.20	-6.92
5230MHz	Pass	5.43G	8G	AV	5.43835G	18.53	-76.82	-74.10	-73.78	-74.05	-68.51	-49.98	-41.20	-8.78
5230MHz	Pass	1G	5.07G	PK	5.06084G	18.53	-66.92	-61.96	-63.49	-62.72	-57.39	-38.86	-21.20	-17.66
5230MHz	Pass	5.07G	5.15G	PK	5.07528G	18.53	-64.22	-60.90	-62.86	-60.70	-55.92	-37.39	-21.20	-16.19
5230MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-72.00	-71.91	-71.83	-71.61	-65.81	-47.28	-21.20	-26.08
5230MHz	Pass	5.35G	5.43G	PK	5.40072G	18.53	-65.71	-63.25	-62.33	-60.27	-56.45	-37.92	-21.20	-16.72
5230MHz	Pass	5.43G	8G	PK	5.75992G	18.53	-65.88	-65.53	-62.23	-67.06	-58.75	-40.22	-27.00	-13.22
5755MHz	Pass	1G	5.645G	AV	5.09689G	18.53	-77.24	-71.28	-71.67	-73.17	-66.79	-48.26	-41.20	-7.06
5755MHz	Pass	5.93G	8G	AV	7.28921G	18.53	-83.21	-82.84	-81.80	-82.41	-76.51	-57.98	-41.20	-16.78
5755MHz	Pass	1G	5.645G	PK	5.18921G	18.53	-67.79	-65.01	-60.39	-66.52	-57.91	-39.38	-27.00	-12.38
5755MHz	Pass	5.645G	5.725G	PK	5.64964G	18.53	-69.98	-69.63	-71.51	-70.82	-64.40	-45.87	-27.00	-18.87
5755MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.54	-69.71	-69.26	-70.57	-63.72	-45.19	27.00	-72.19
5755MHz	Pass	5.85G	5.93G	PK	5.92504G	18.53	-60.91	-58.70	-57.94	-56.27	-52.13	-33.60	-27.00	-6.60
5755MHz	Pass	5.93G	8G	PK	5.94087G	18.53	-62.31	-61.56	-56.92	-59.58	-53.55	-35.02	-27.00	-8.02
5795MHz	Pass	1G	5.645G	AV	5.08528G	18.53	-77.76	-72.30	-71.61	-73.62	-67.26	-48.73	-41.20	-7.53
5795MHz	Pass	5.93G	8G	AV	7.2548G	18.53	-81.97	-82.78	-82.76	-82.49	-76.47	-57.94	-41.20	-16.74
5795MHz	Pass	1G	5.645G	PK	5.30708G	18.53	-69.16	-63.60	-61.89	-66.52	-58.45	-39.92	-27.00	-12.92
5795MHz	Pass	5.645G	5.725G	PK	5.645G	18.53	-69.39	-70.67	-71.27	-69.86	-64.22	-45.69	-27.00	-18.69
5795MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.85	-70.27	-69.88	-69.65	-63.89	-45.36	27.00	-72.36
5795MHz	Pass	5.85G	5.93G	PK	5.92808G	18.53	-64.03	-59.44	-57.93	-59.96	-53.82	-35.29	-27.00	-8.29
5795MHz	Pass	5.93G	8G	PK	5.96467G	18.53	-65.78	-59.58	-60.43	-55.37	-52.86	-34.33	-27.00	-7.33
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	4.99G	AV	1.92019G	18.53	-68.62	-84.85	-85.65	-85.60	-68.35	-49.82	-41.20	-8.62
5210MHz	Pass	4.99G	5.15G	AV	5.12792G	18.53	-74.72	-70.38	-69.09	-69.61	-64.46	-45.93	-41.20	-4.73
5210MHz	Pass	5.15G	5.35G	AV	5.35G	18.53	-81.37	-80.97	-81.06	-81.23	-75.13	-56.60	-41.20	-15.40
5210MHz	Pass	5.35G	5.51G	AV	5.41816G	18.53	-77.11	-74.12	-76.02	-73.50	-68.93	-50.40	-41.20	-9.20
5210MHz	Pass	5.51G	8G	AV	7.39182G	18.53	-83.03	-82.02	-81.91	-83.12	-76.46	-57.93	-41.20	-16.73
5210MHz	Pass	1G	4.99G	PK	1.2798G	18.53	-65.42	-80.27	-75.71	-75.77	-64.56	-46.03	-27.00	-19.03
5210MHz	Pass	4.99G	5.15G	PK	5.12248G	18.53	-64.82	-59.45	-54.39	-59.50	-52.06	-33.53	-21.20	-12.33
5210MHz	Pass	5.15G	5.35G	PK	5.15G	18.53	-71.67	-71.72	-71.42	-70.19	-65.18	-46.65	-21.20	-25.45
5210MHz	Pass	5.35G	5.51G	PK	5.47416G	18.53	-66.66	-62.68	-66.99	-64.34	-58.78	-40.25	-27.00	-13.25
5210MHz	Pass	5.51G	8G	PK	5.75993G	18.53	-63.55	-62.48	-65.78	-60.29	-56.56	-38.03	-27.00	-11.03
5775MHz	Pass	1G	5.565G	AV	5.09994G	18.53	-76.86	-73.69	-71.96	-73.60	-67.68	-49.15	-41.20	-7.95
5775MHz	Pass	6.01G	8G	AV	7.30748G	18.53	-81.87	-82.30	-83.10	-83.27	-76.58	-58.05	-41.20	-16.85
5775MHz	Pass	1G	5.565G	PK	5.20665G	18.53	-70.22	-64.82	-60.82	-68.17	-58.52	-39.99	-27.00	-12.99
5775MHz	Pass	5.565G	5.725G	PK	5.61972G	18.53	-68.74	-70.62	-70.33	-71.19	-64.10	-45.57	-27.00	-18.57
5775MHz	Pass	5.725G	5.85G	PK	5.85G	18.53	-69.19	-69.20	-69.07	-69.89	-63.31	-44.78	27.00	-71.78
5775MHz	Pass	5.85G	6.01G	PK	5.92744G	18.53	-62.13	-54.75	-56.47	-56.05	-50.61	-32.08	-27.00	-5.08
5775MHz	Pass	6.01G	8G	PK	6.11398G	18.53	-66.12	-62.42	-61.80	-63.85	-57.24	-38.71	-27.00	-11.71

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

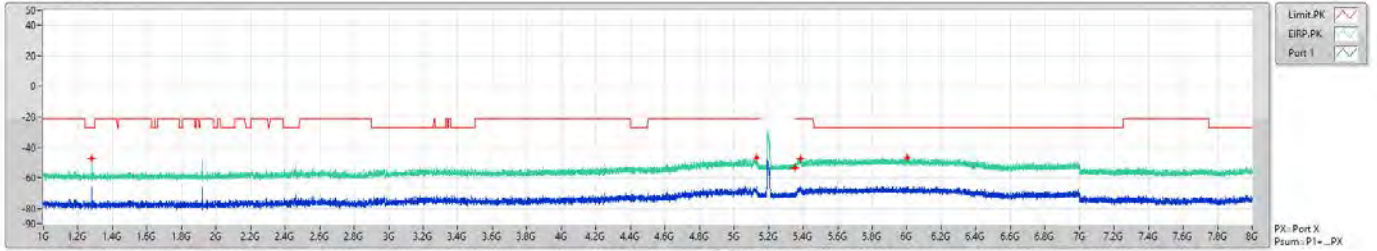


802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5200MHZ

24/08/2022



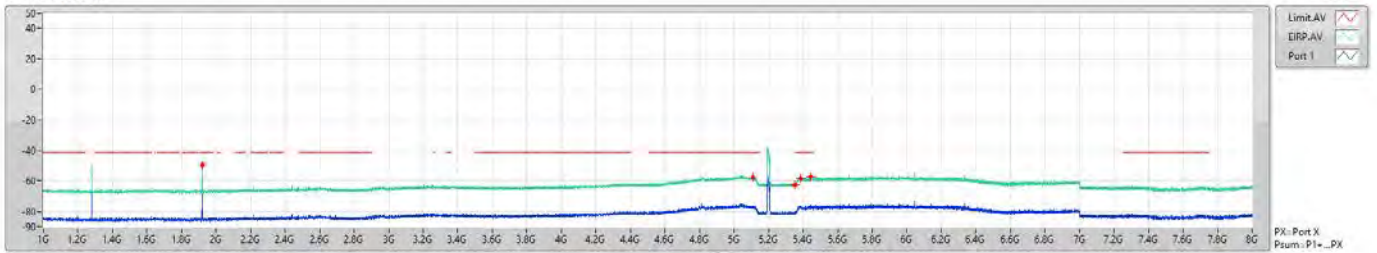
F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.11G	1M	PK	1.27948G	-47.38	-27.00	-20.38	18.53	0.00	-65.91	-65.91
5.11G	5.15G	1M	PK	5.12969G	-46.60	-21.20	-25.40	18.53	0.00	-65.13	-65.13
5.15G	5.35G	1M	PK	5.25G	-53.16	-21.20	-31.96	18.53	0.00	-71.69	-71.69
5.35G	5.39G	1M	PK	5.38312G	-47.76	-21.20	-26.06	18.53	0.00	-65.79	-65.79
5.39G	8G	1M	PK	6.00302G	-46.69	-27.00	-19.69	18.53	0.00	-65.22	-65.22

802.11a_Nss1,(6Mbps)_1TX

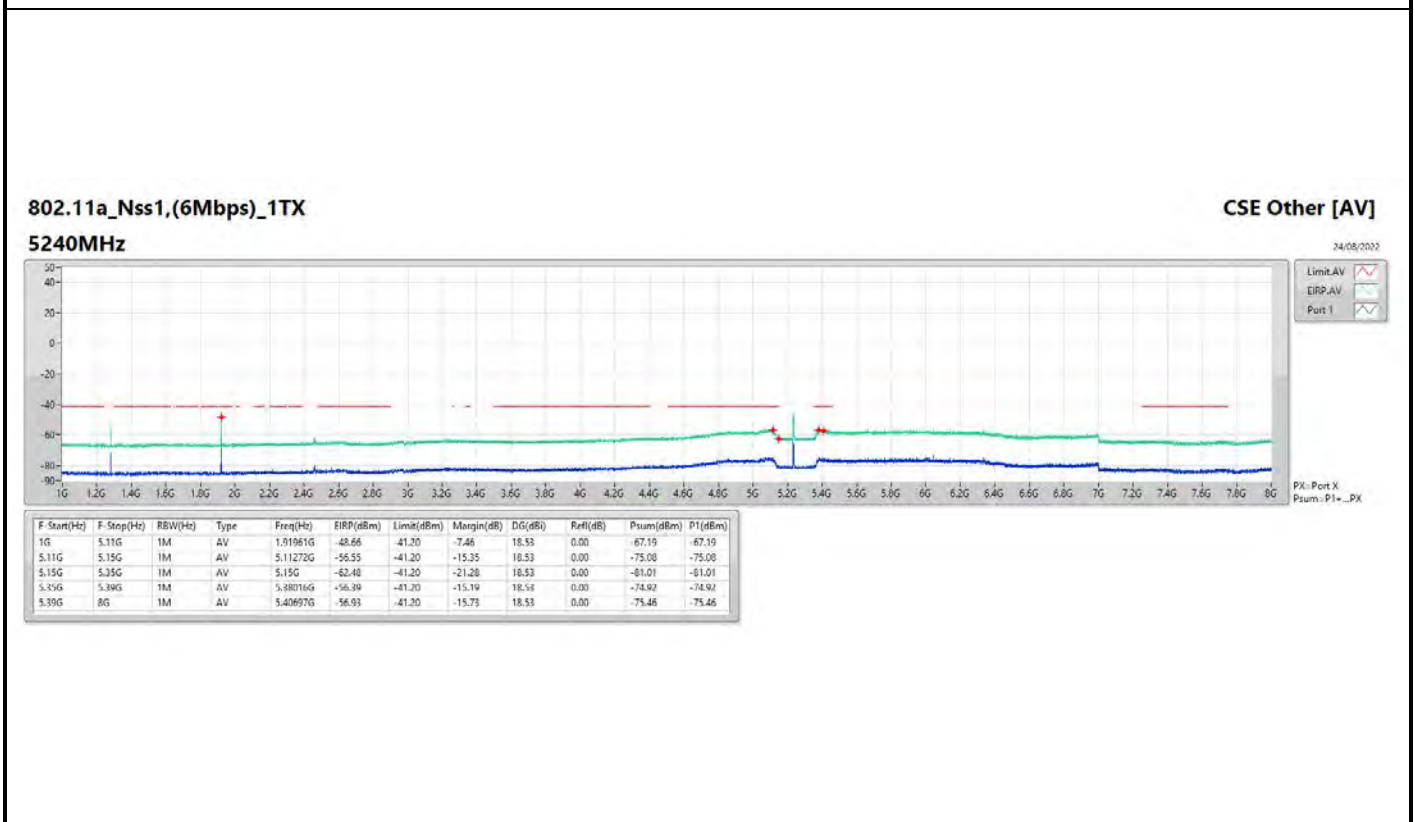
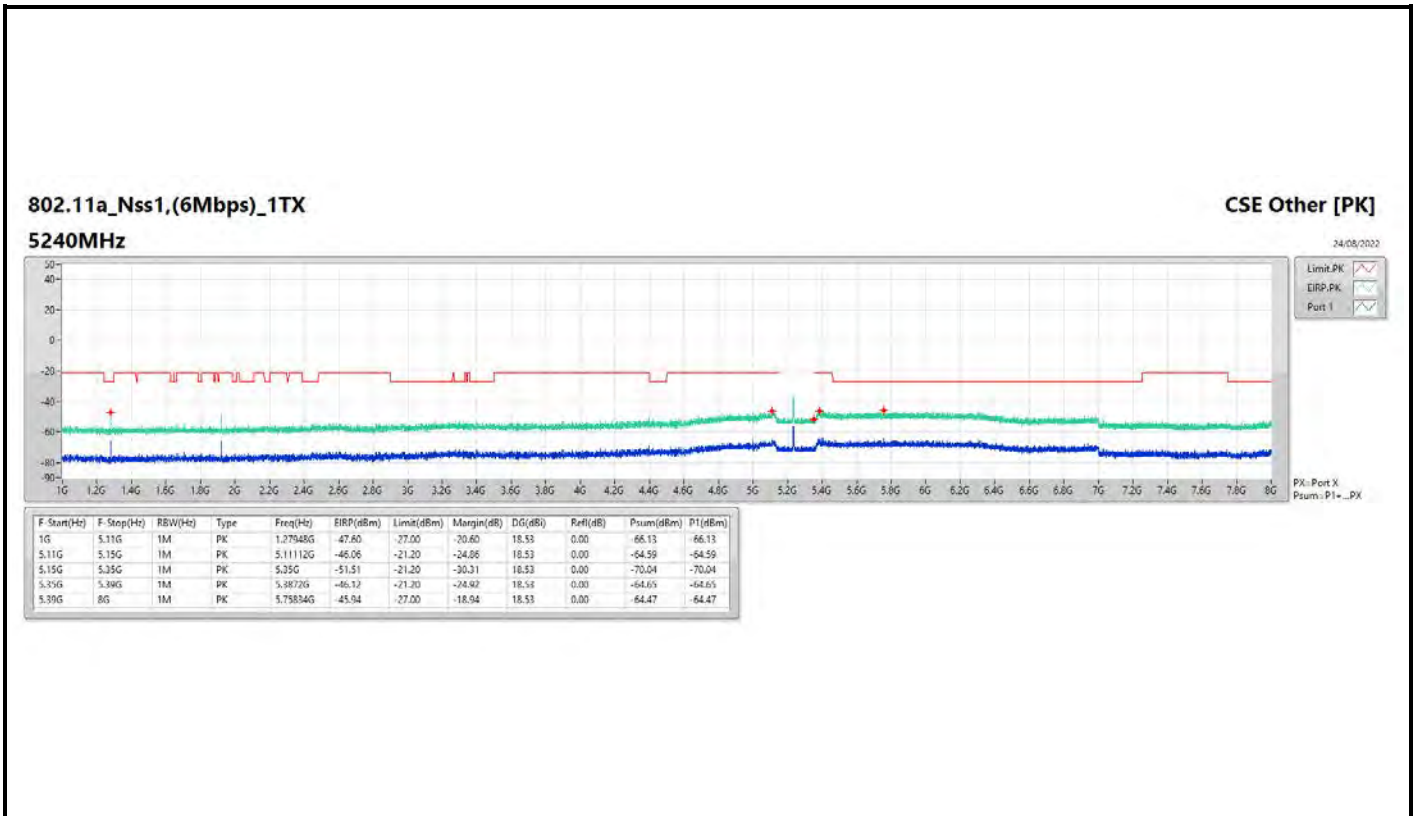
CSE Other [AV]

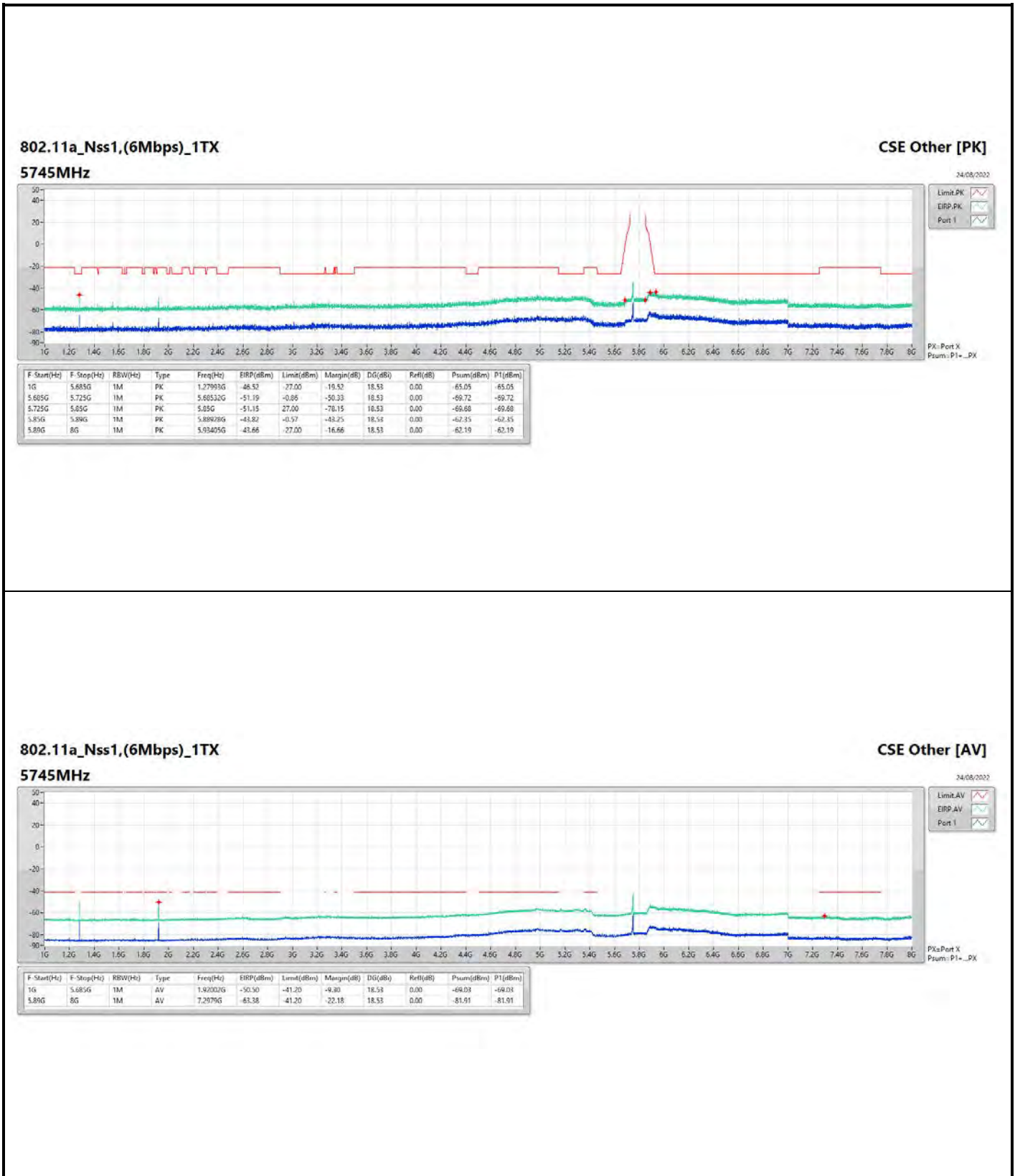
5200MHZ

24/08/2022

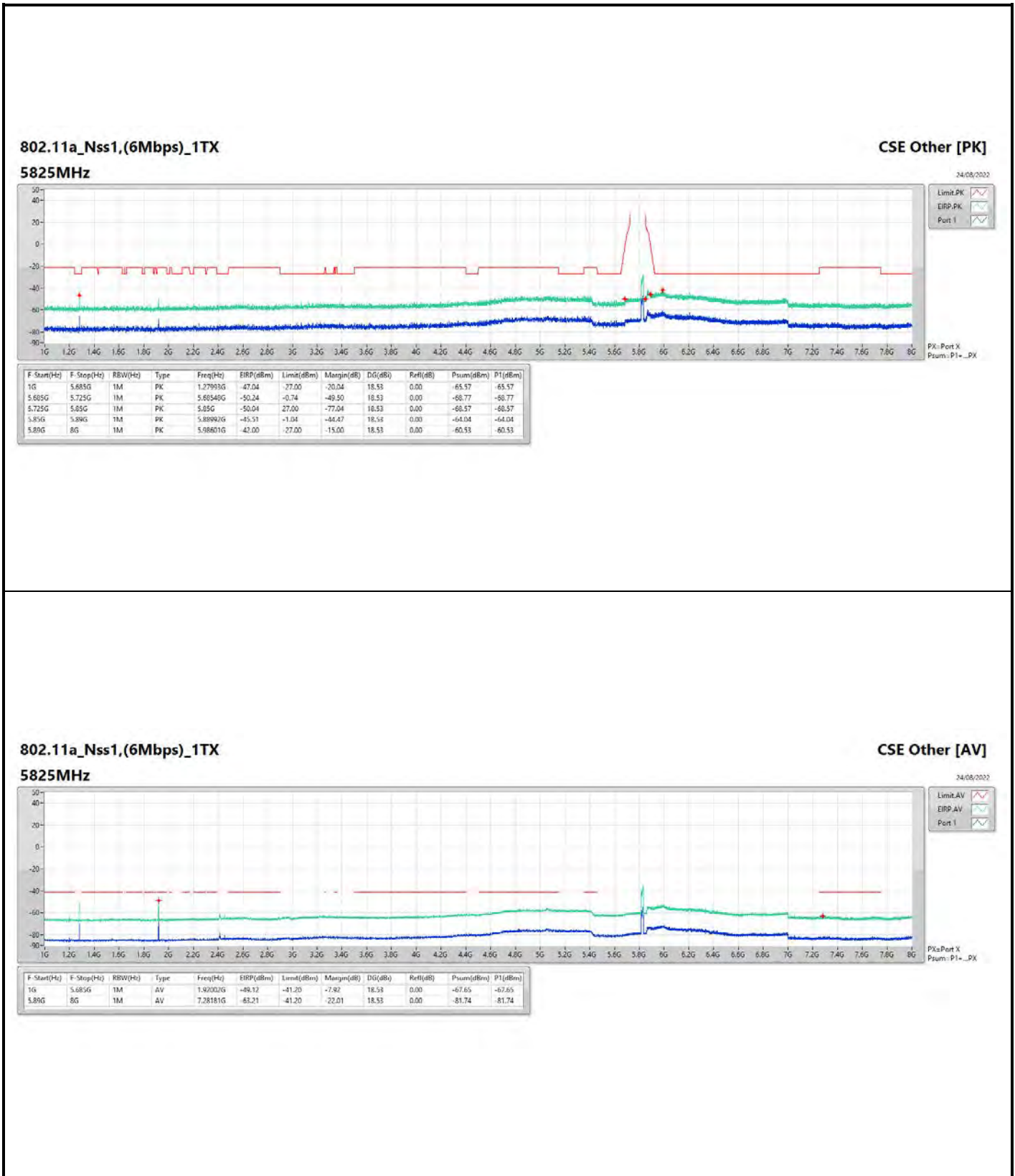


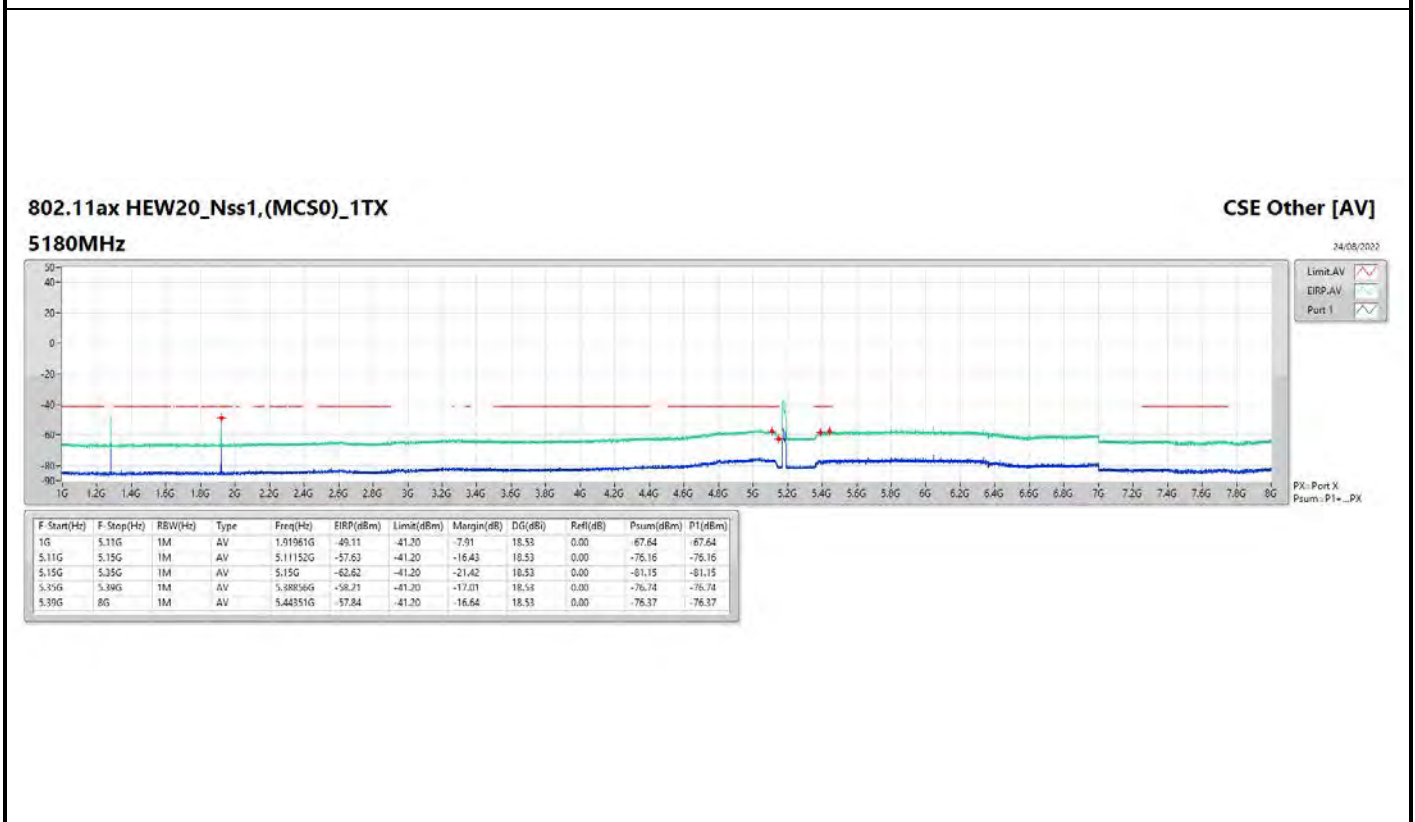
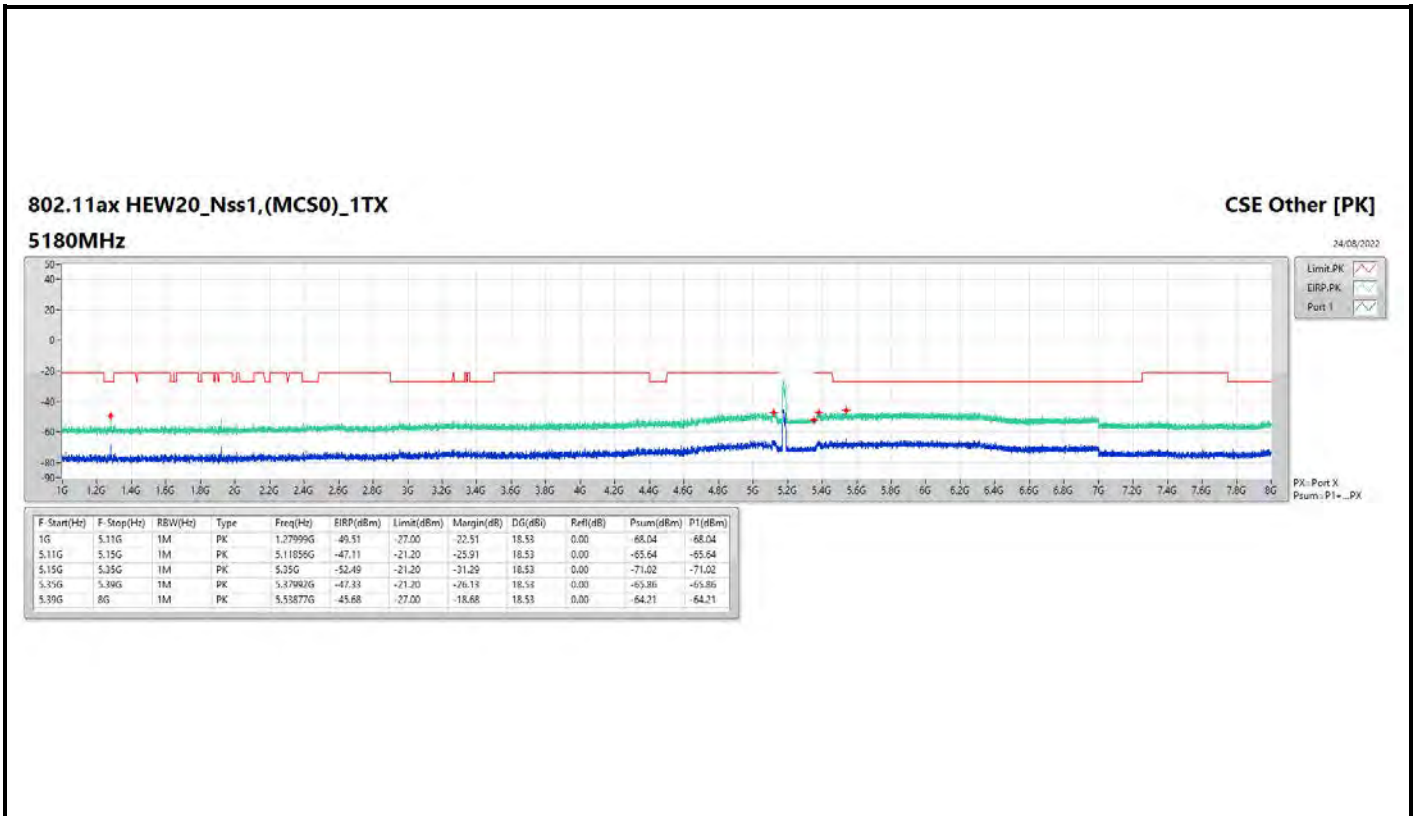
F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.11G	1M	AV	1.81961G	-49.58	-41.20	-8.38	18.53	0.00	-68.11	-68.11
5.11G	5.15G	1M	AV	5.1104G	-57.76	-41.20	-16.56	18.53	0.00	-76.29	-76.29
5.15G	5.35G	1M	AV	5.25G	-62.88	-41.20	-21.68	18.53	0.00	-81.41	-81.41
5.35G	5.39G	1M	AV	5.38312G	-58.05	-41.20	-16.85	18.53	0.00	-76.58	-76.58
5.39G	8G	1M	AV	5.44155G	-57.41	-41.20	-16.21	18.53	0.00	-75.94	-75.94

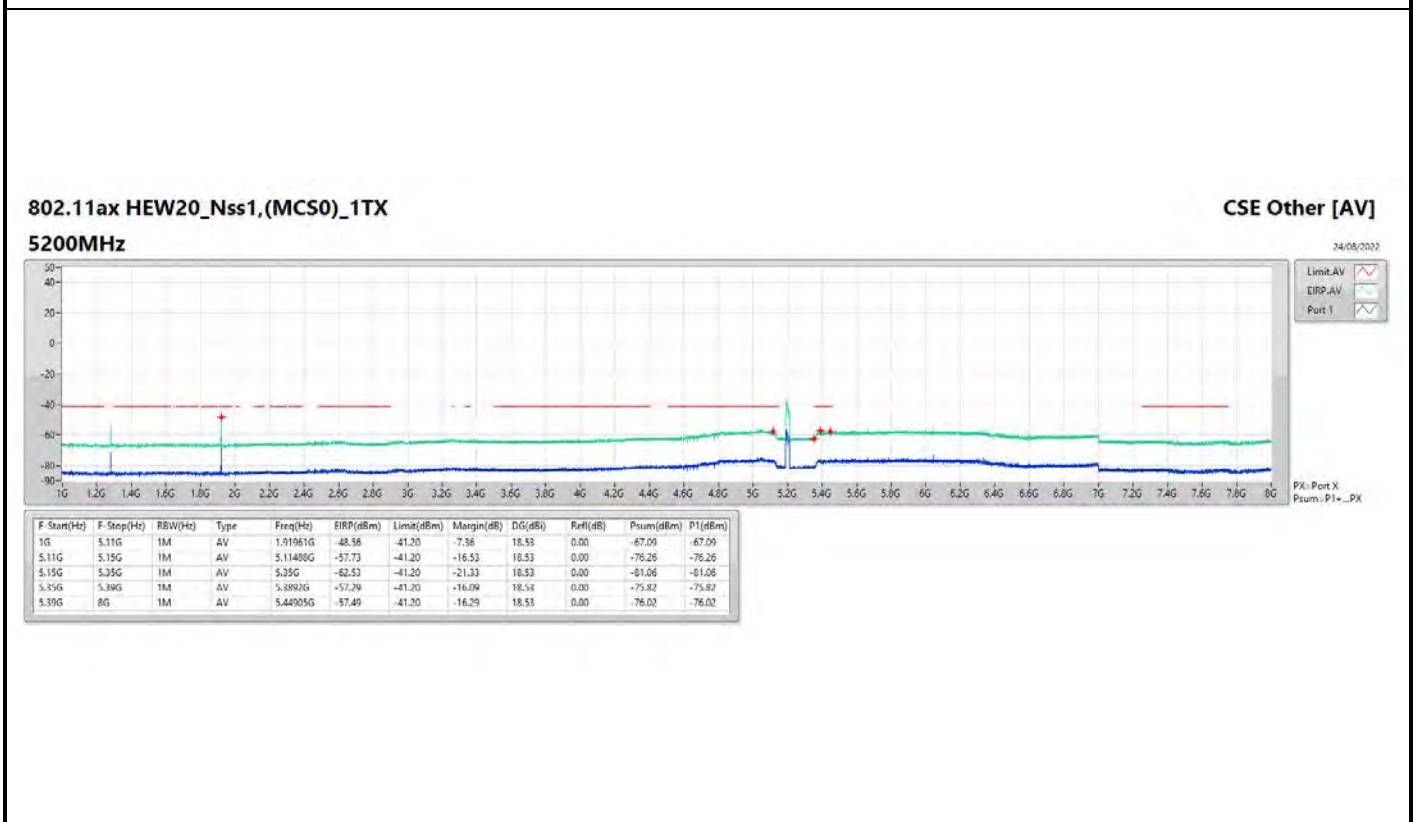
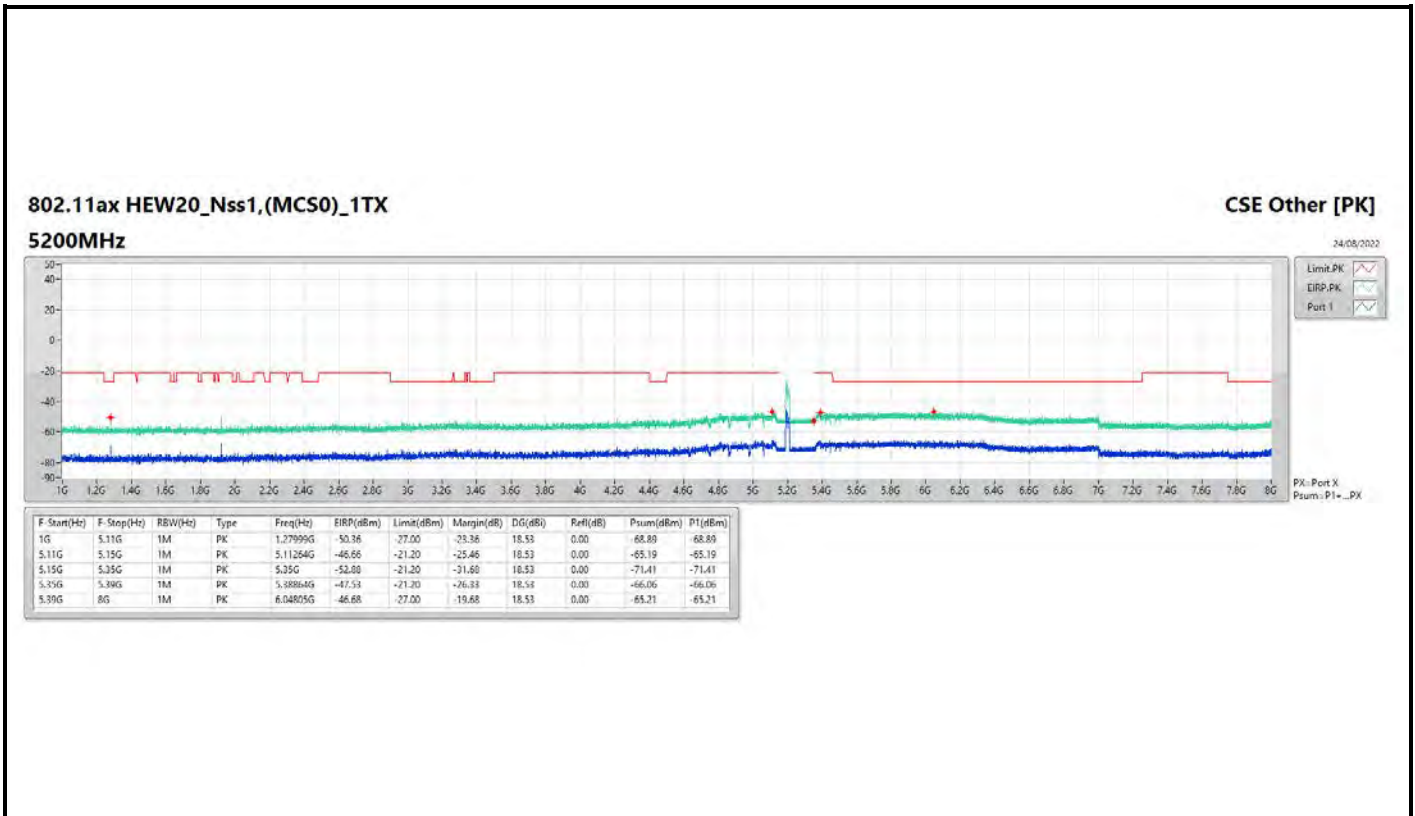


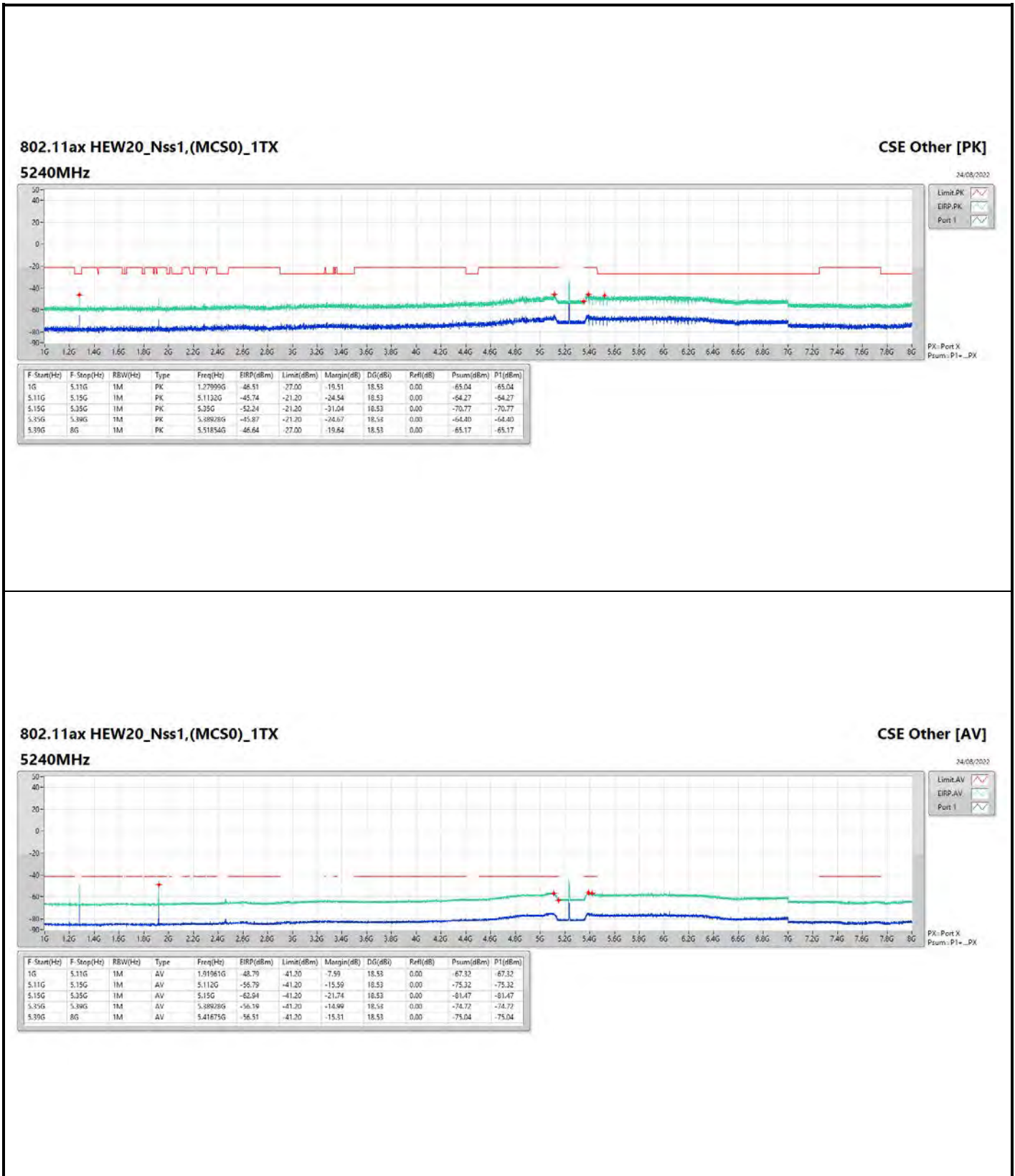








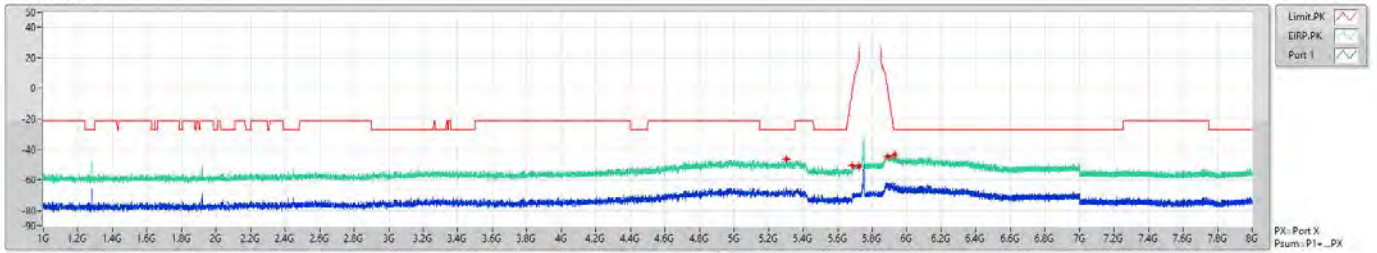




802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

CSE Other [PK]

24/08/2022

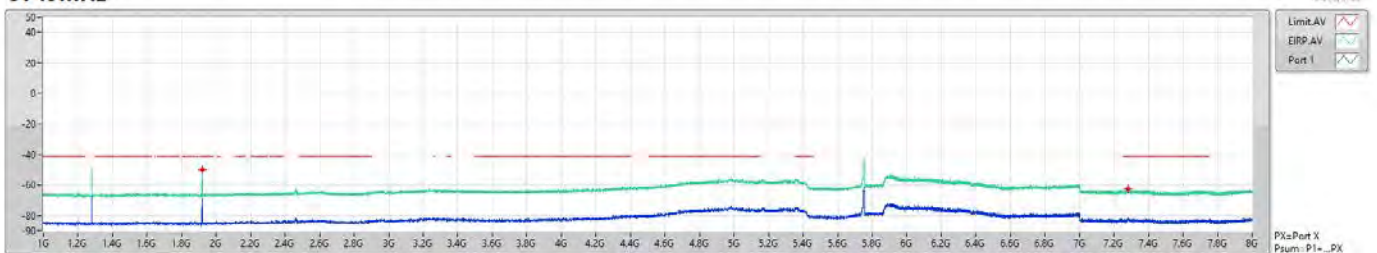


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	PK	5.30517G	-46.33	-27.00	-19.33	18.53	0.00	-64.85	-64.85
5.685G	5.725G	1M	PK	5.69612G	-50.59	-27.00	-23.59	18.53	0.00	-69.12	-69.12
5.725G	5.85G	1M	PK	5.725G	-51.22	-27.00	-24.22	18.53	0.00	-69.75	-69.75
5.85G	5.89G	1M	PK	5.88942G	-44.35	-27.00	-17.35	18.53	0.00	-62.88	-62.88
5.89G	8G	1M	PK	5.93141G	-43.52	-27.00	-16.52	18.53	0.00	-62.05	-62.05

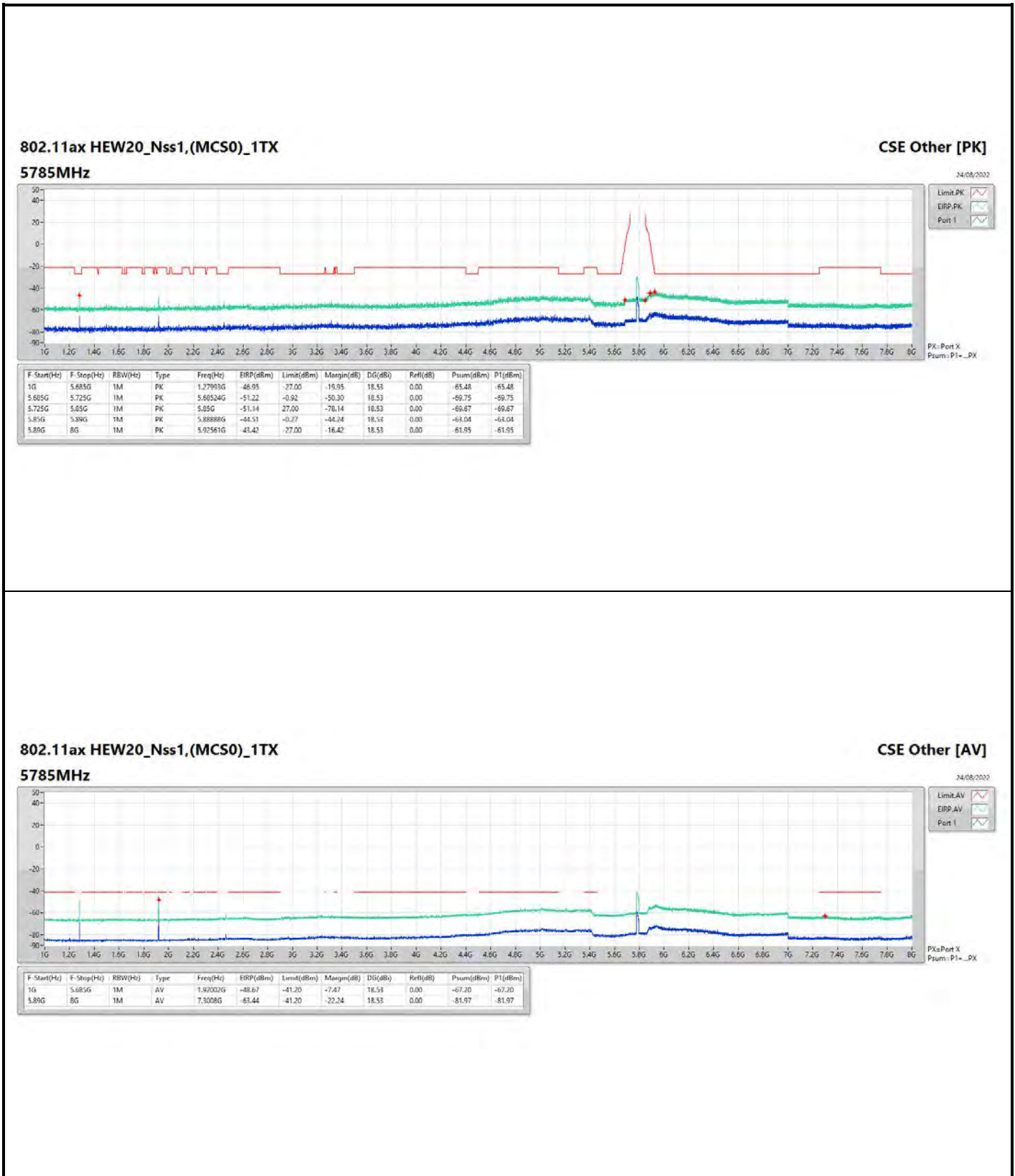
802.11ax HEW20_Nss1,(MCS0)_1TX
5745MHz

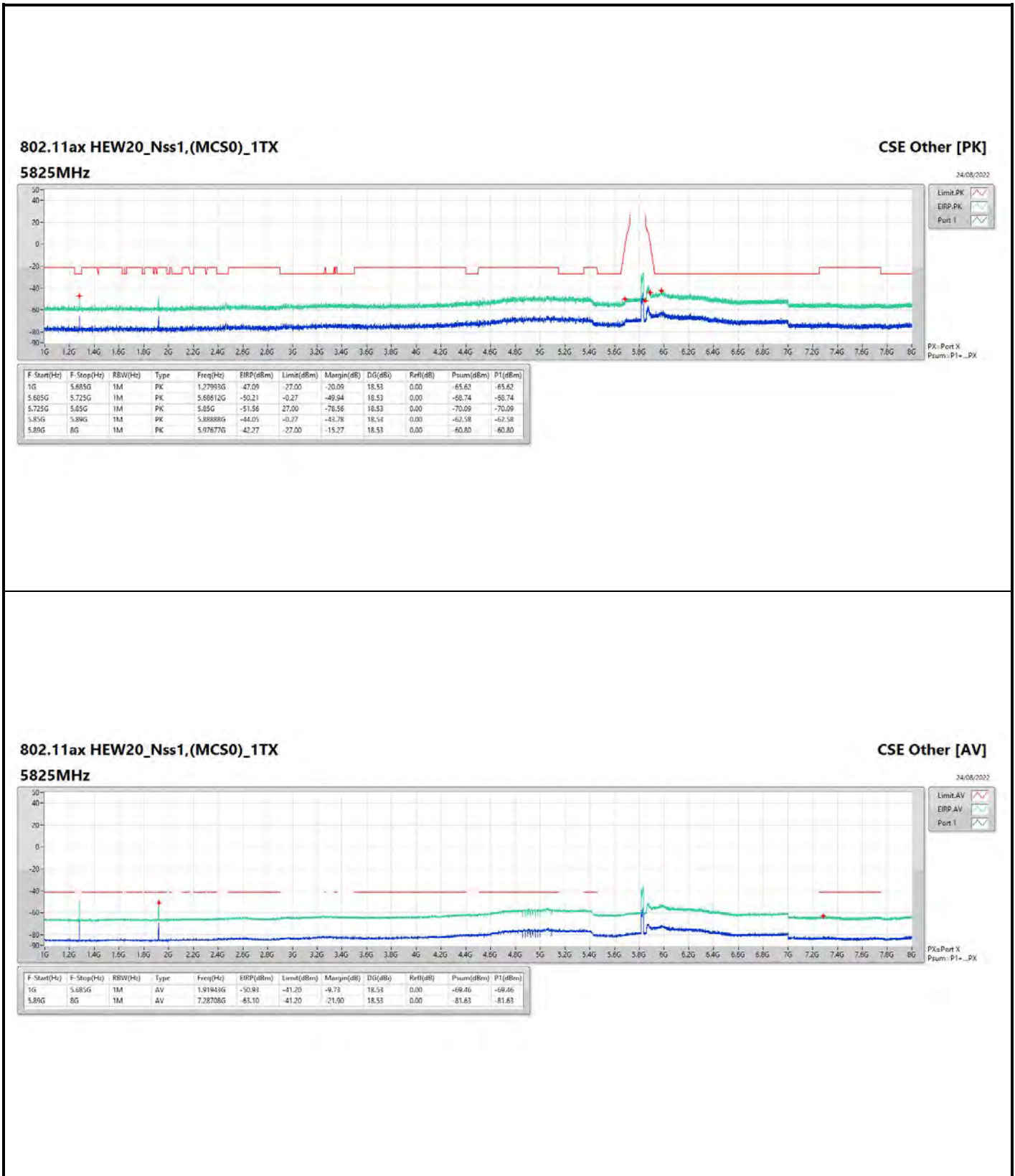
CSE Other [AV]

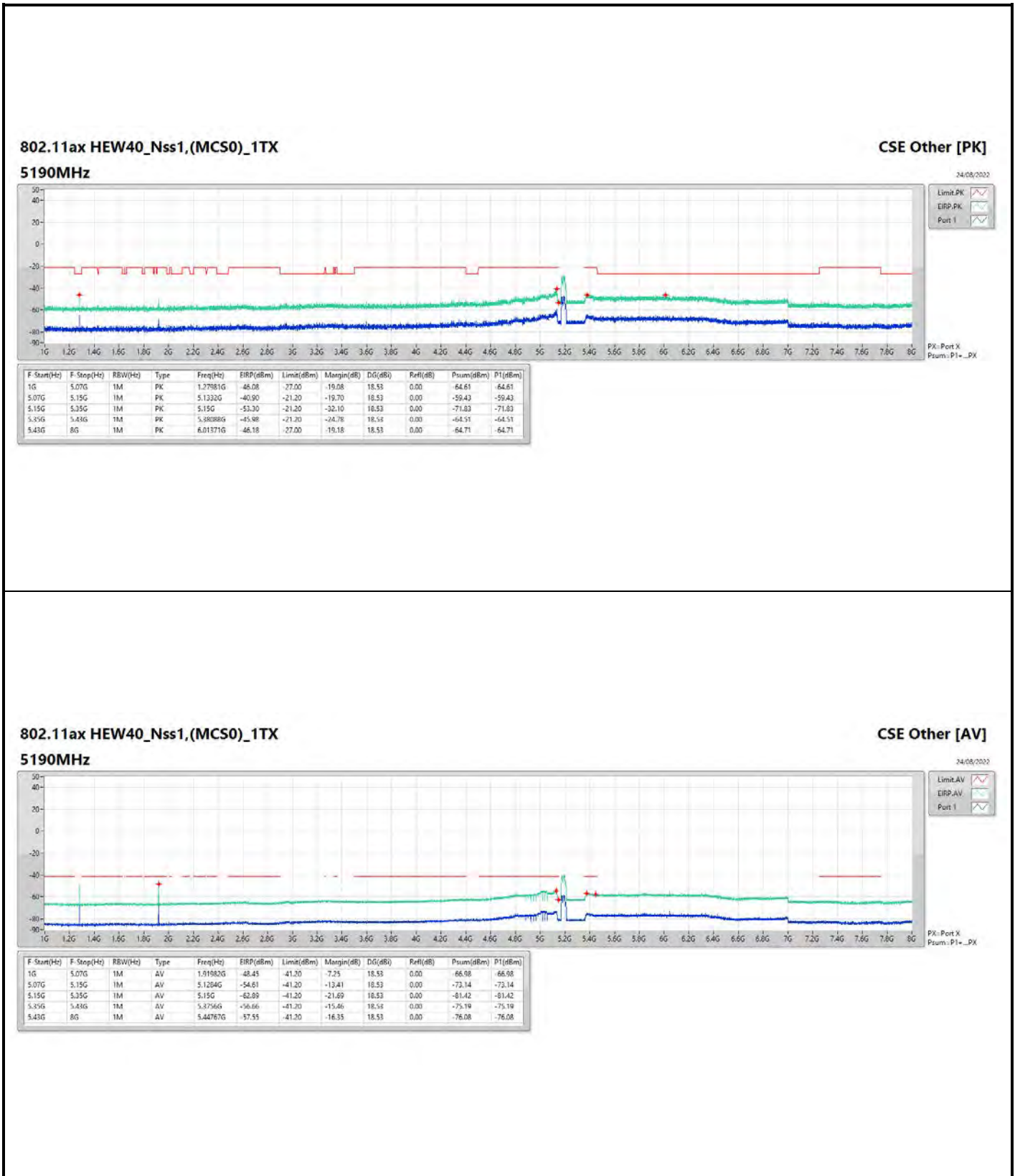
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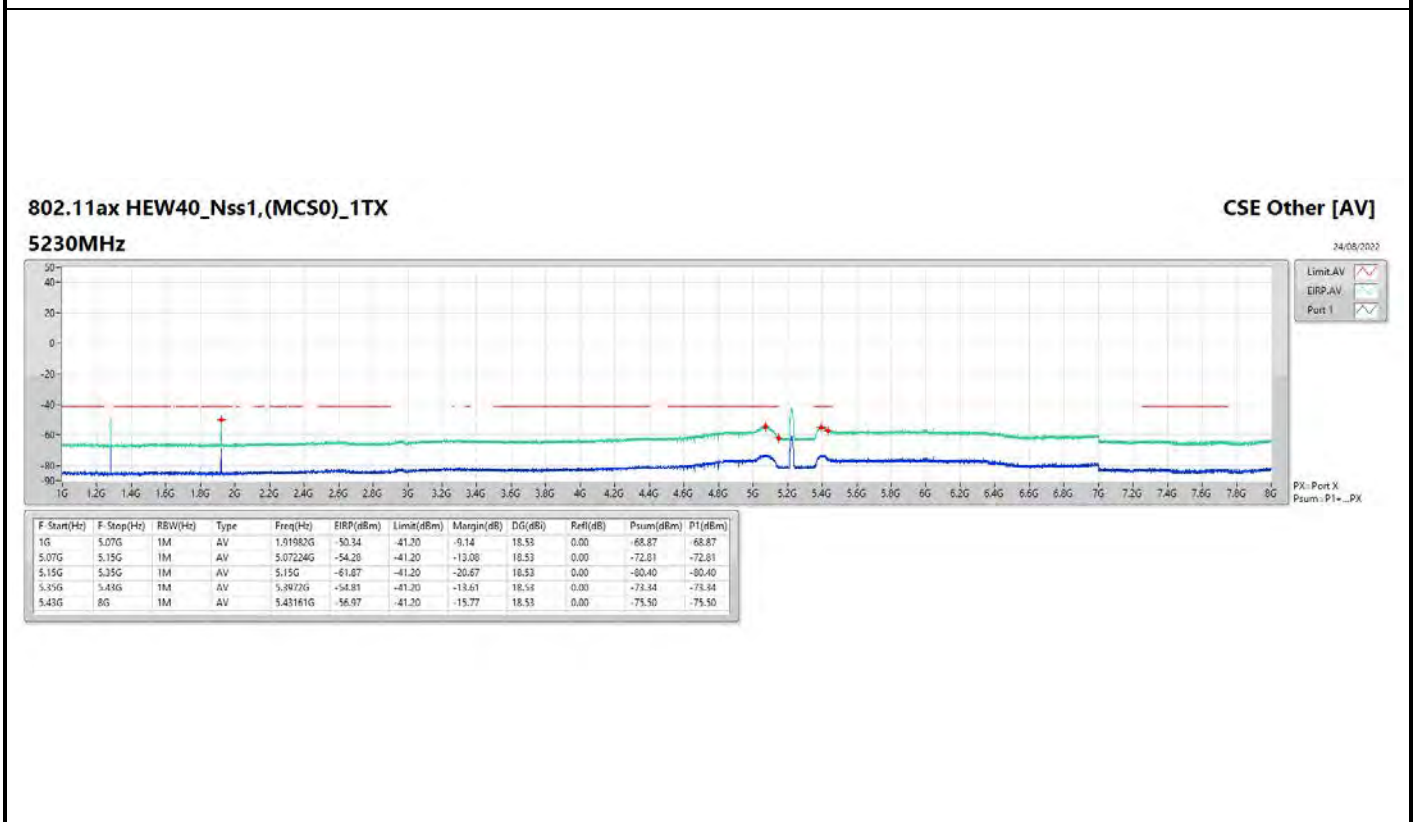
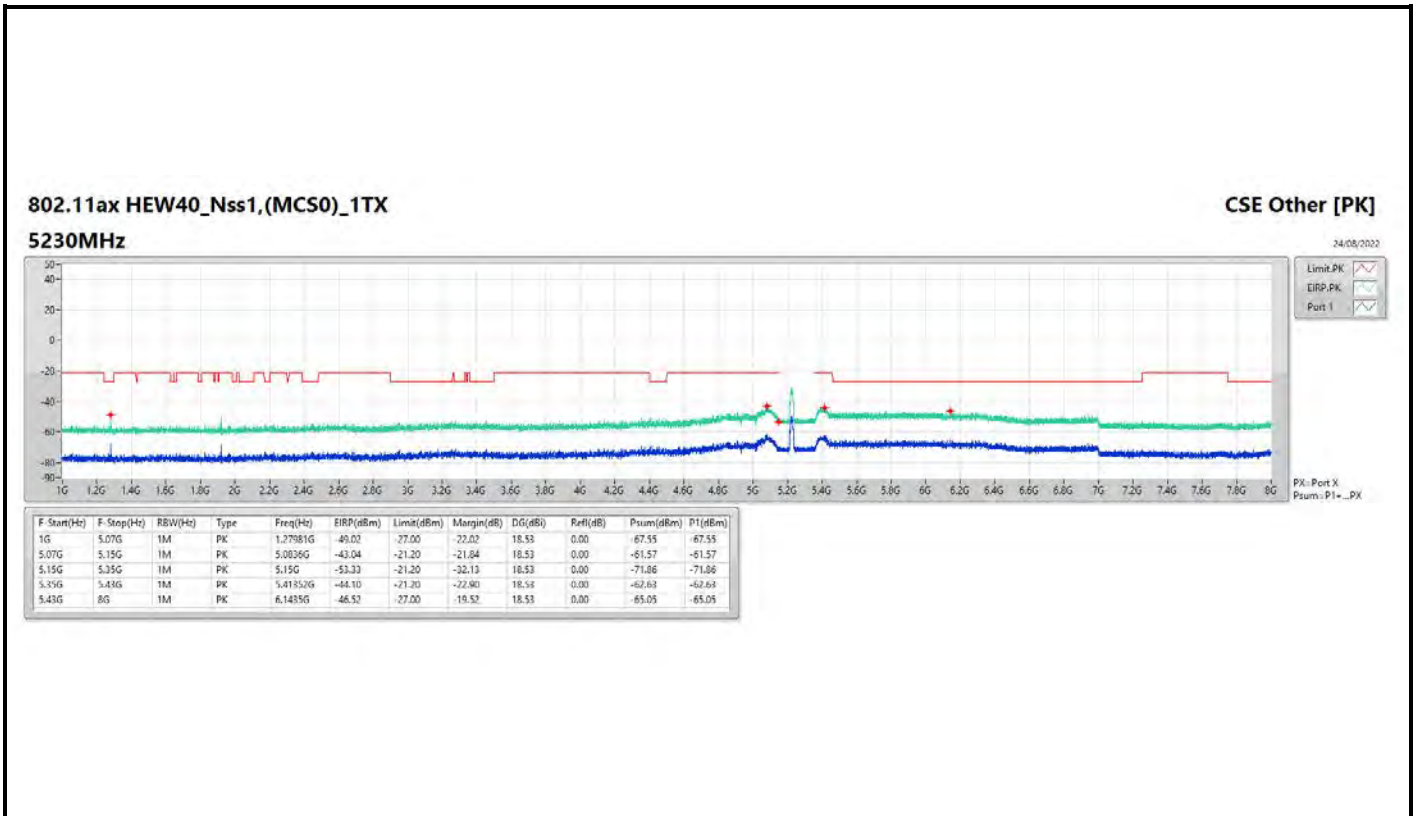


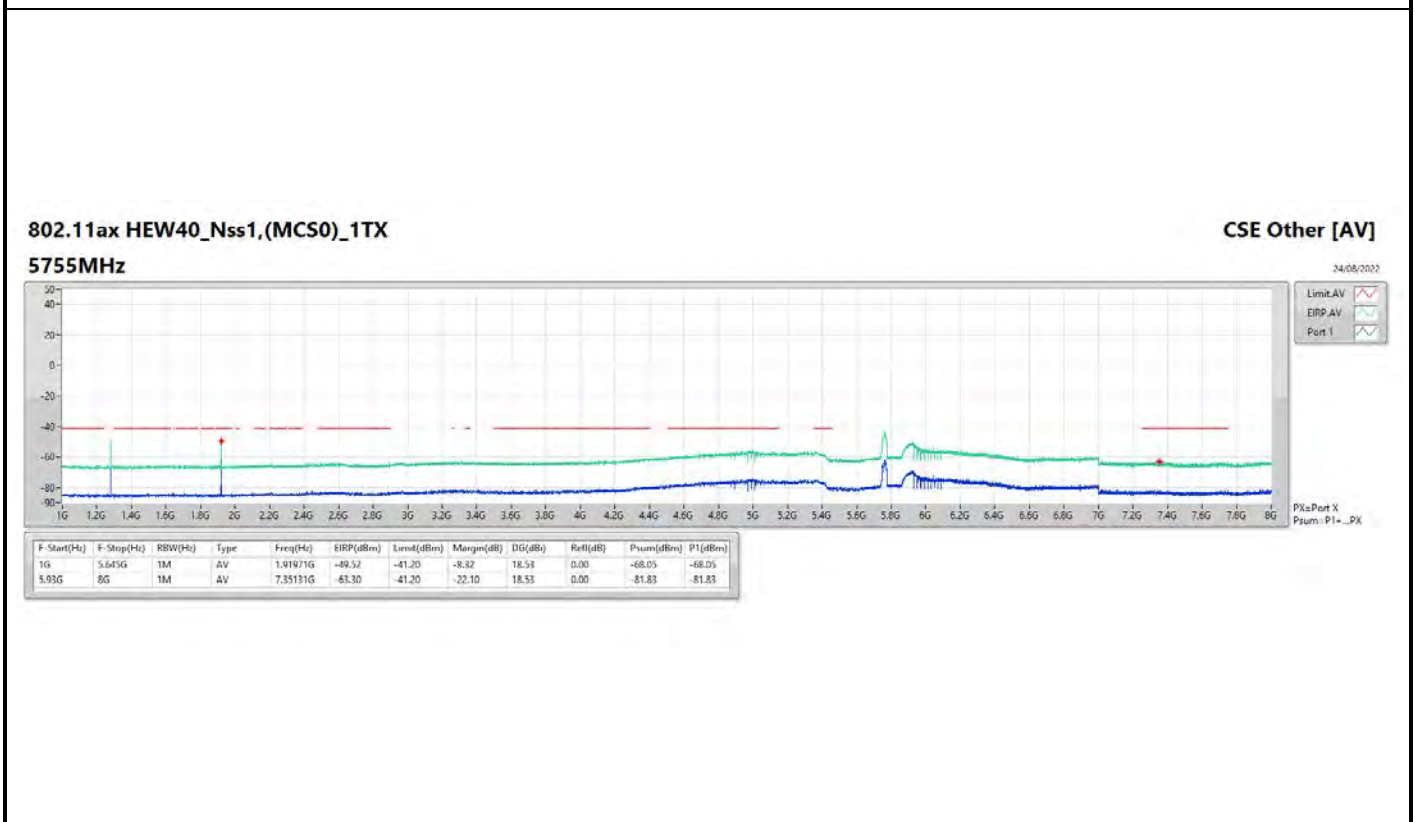
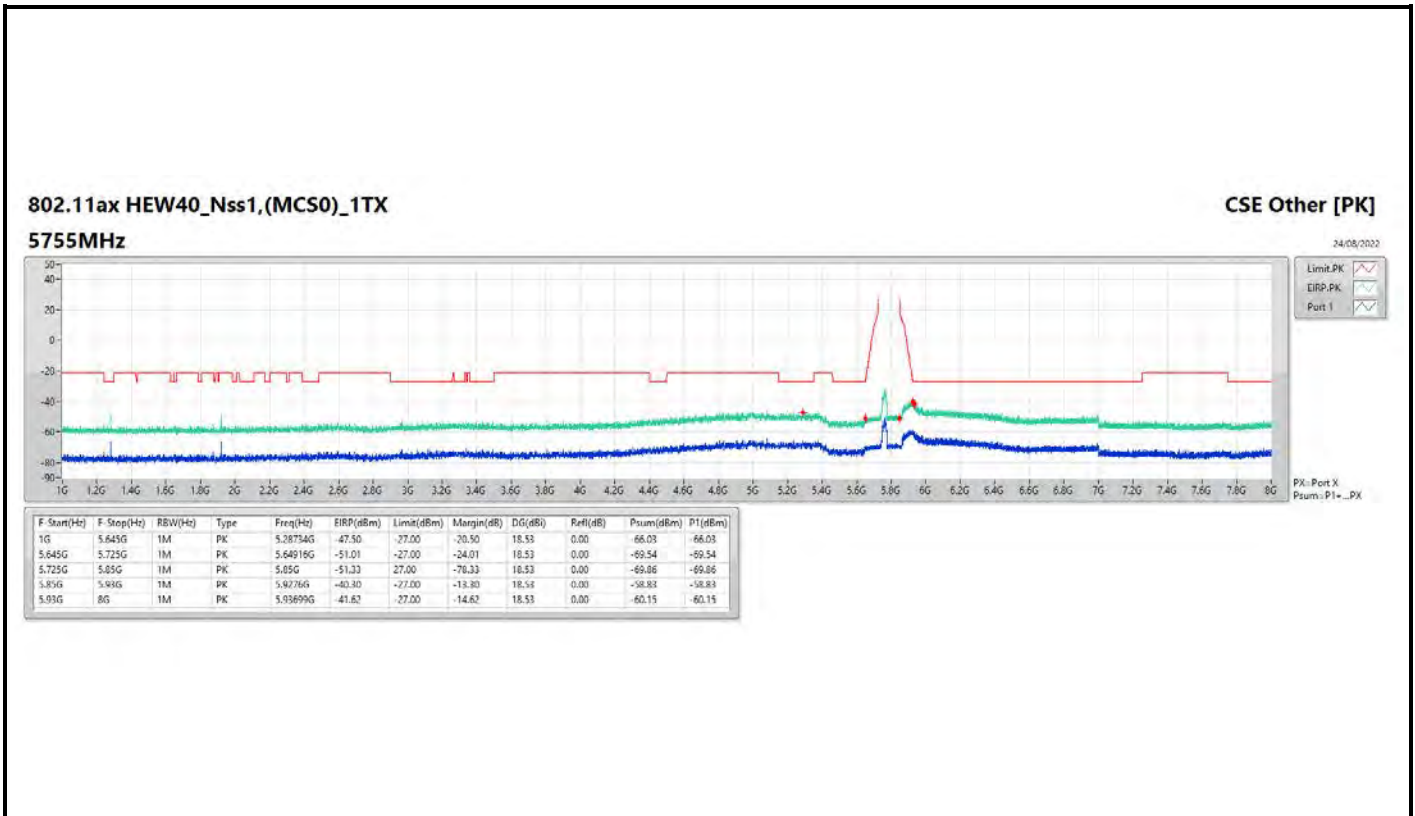
F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
1G	5.685G	1M	AV	1.92002G	-50.17	-41.20	-8.97	18.53	0.00	-68.70	-68.70
5.89G	8G	1M	AV	7.28023G	-62.82	-41.20	-21.62	18.53	0.00	-81.35	-81.35

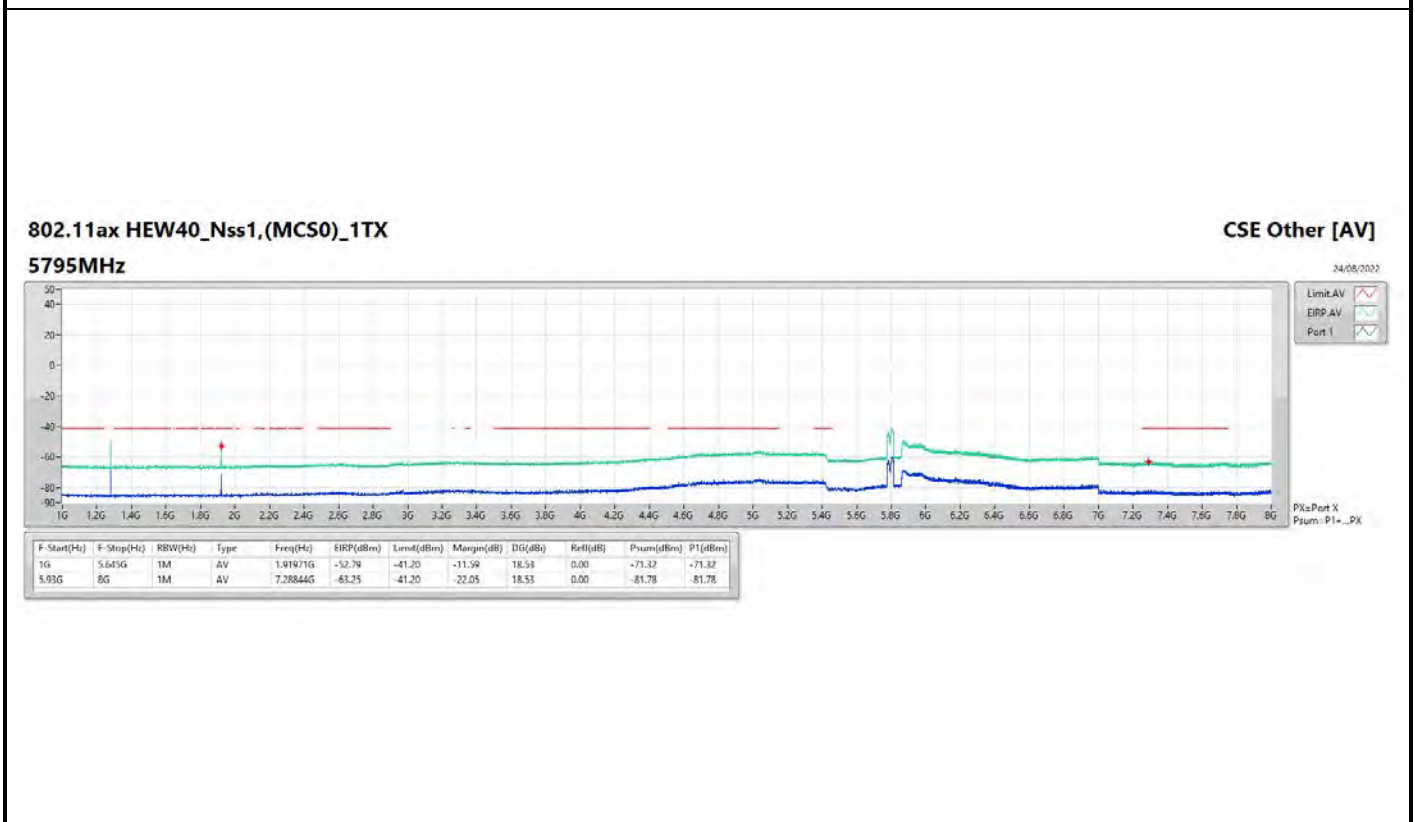
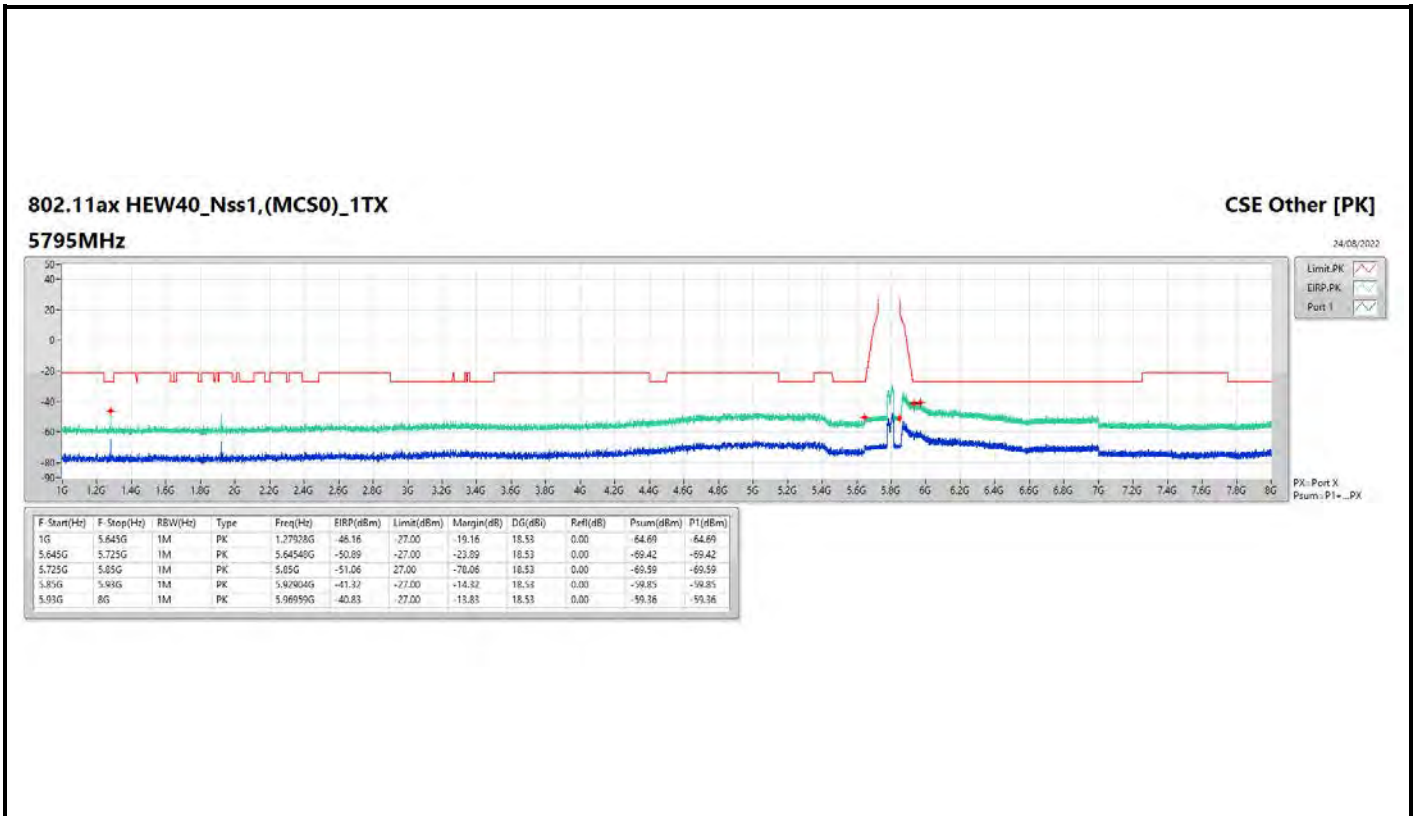


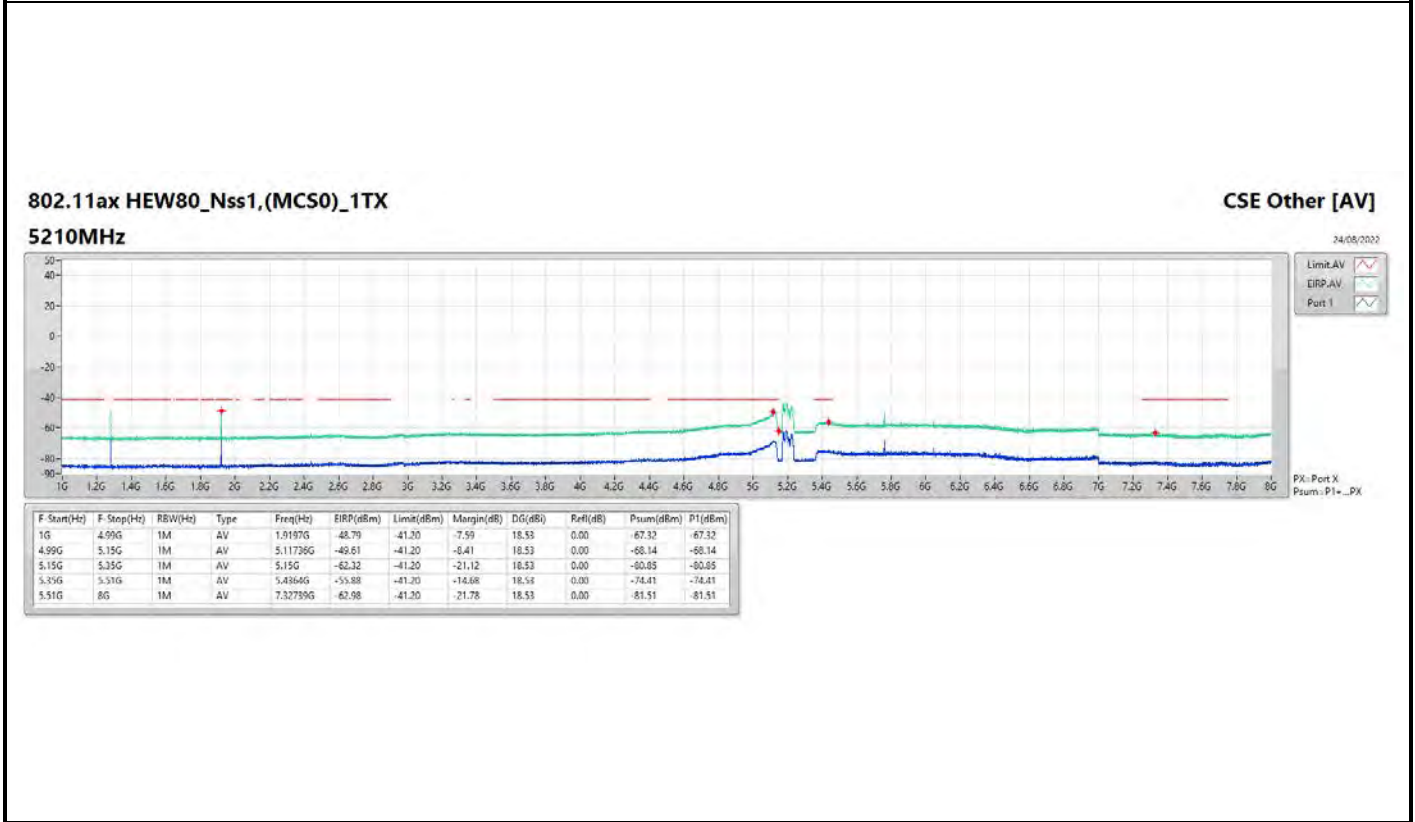
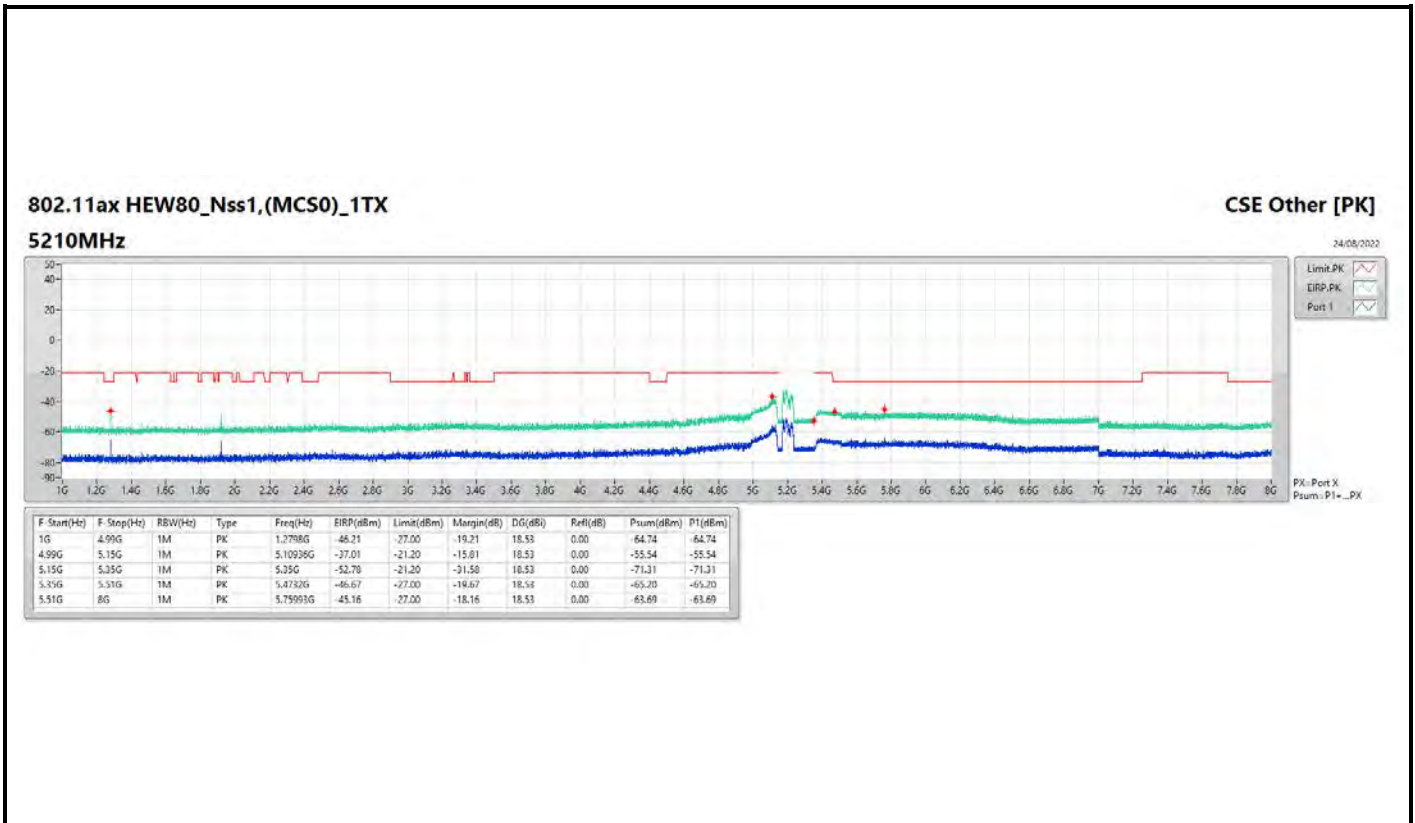


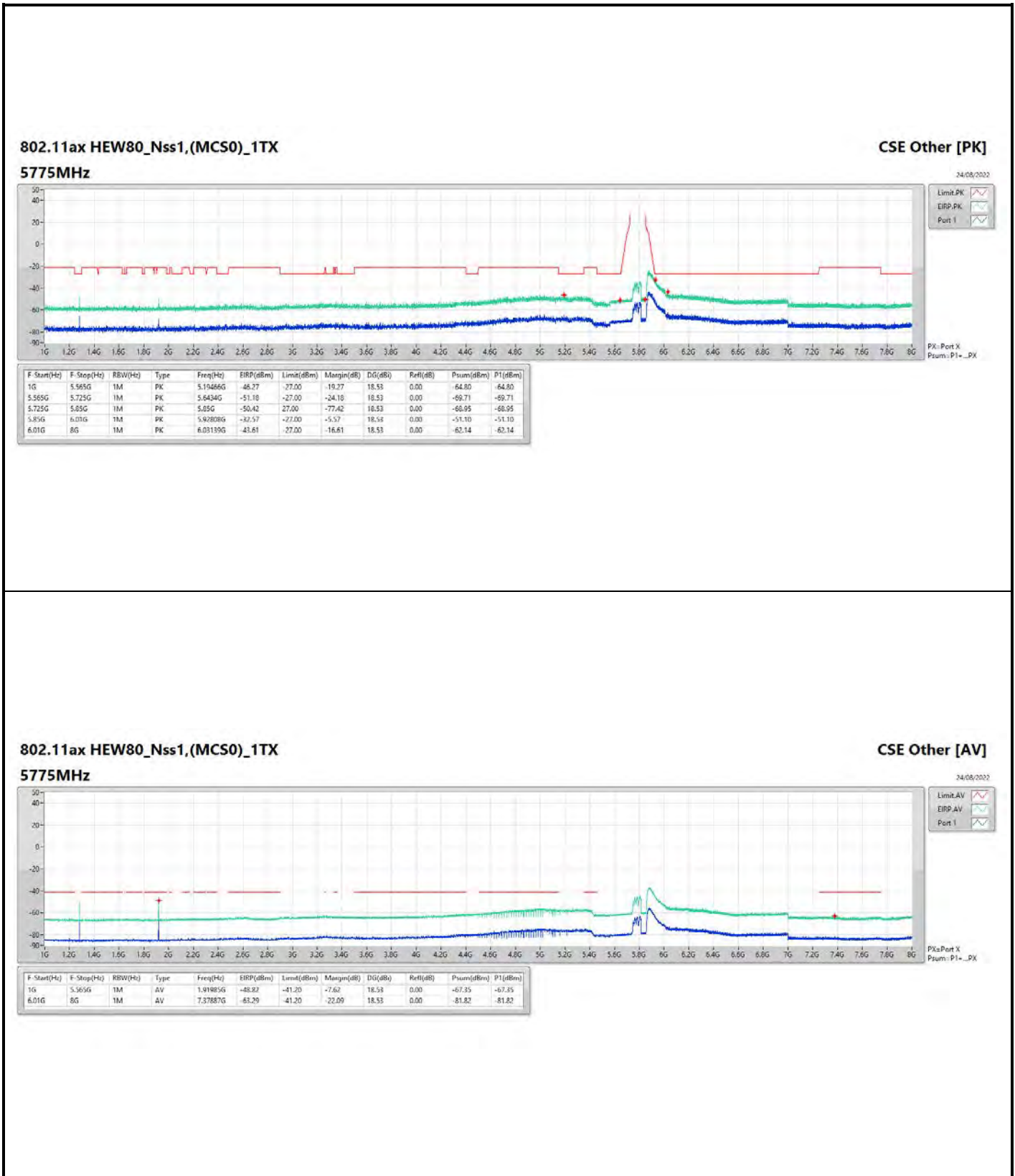


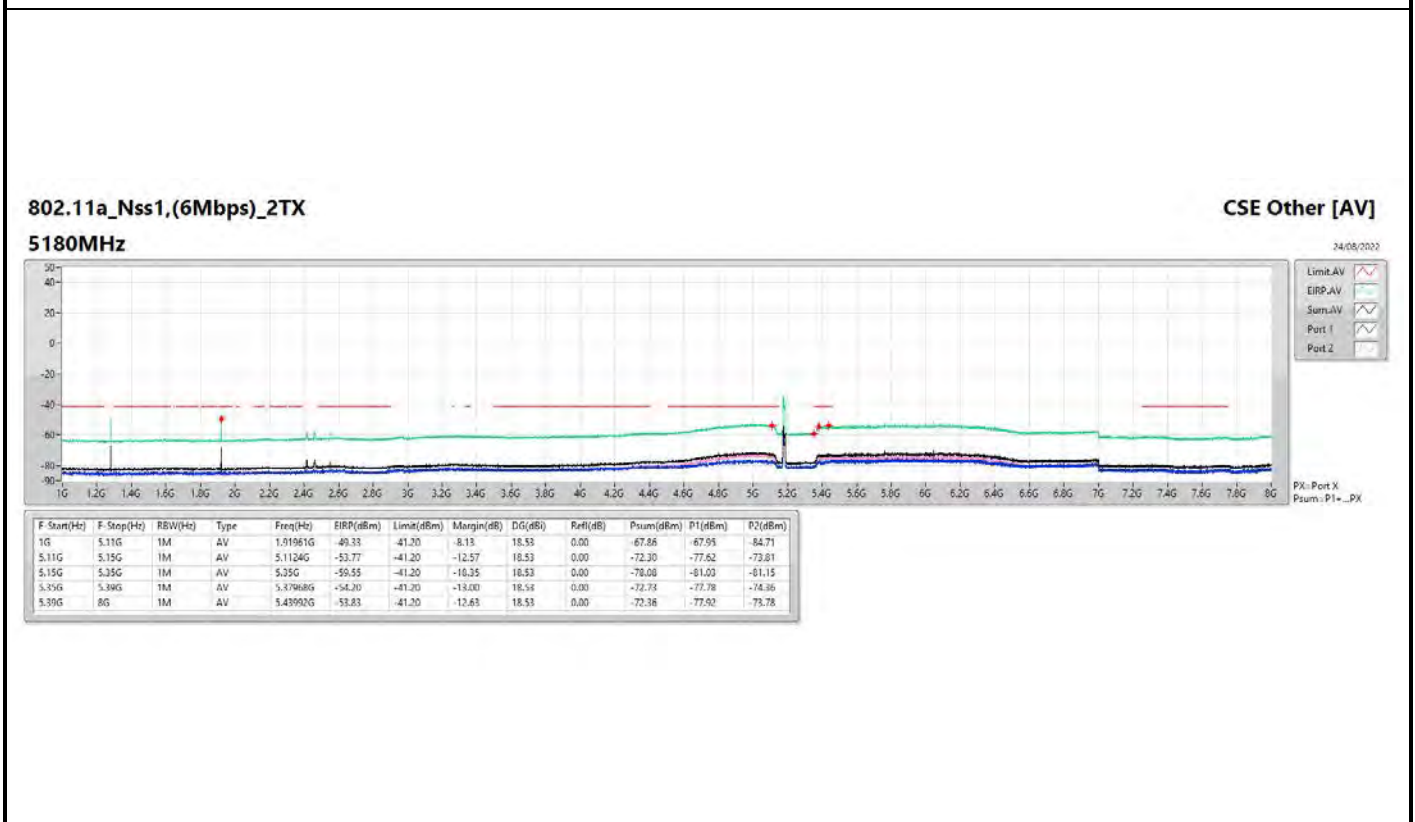
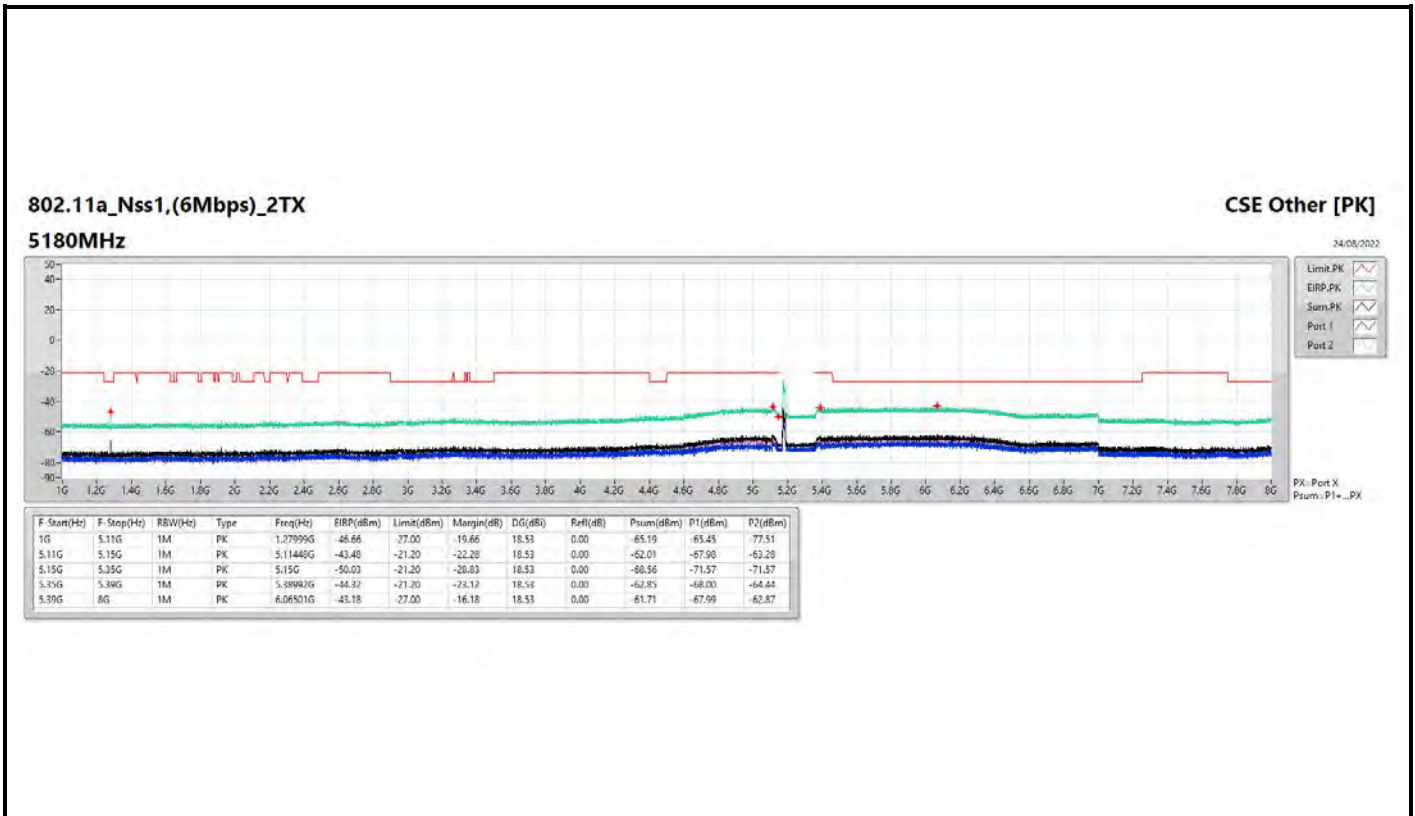


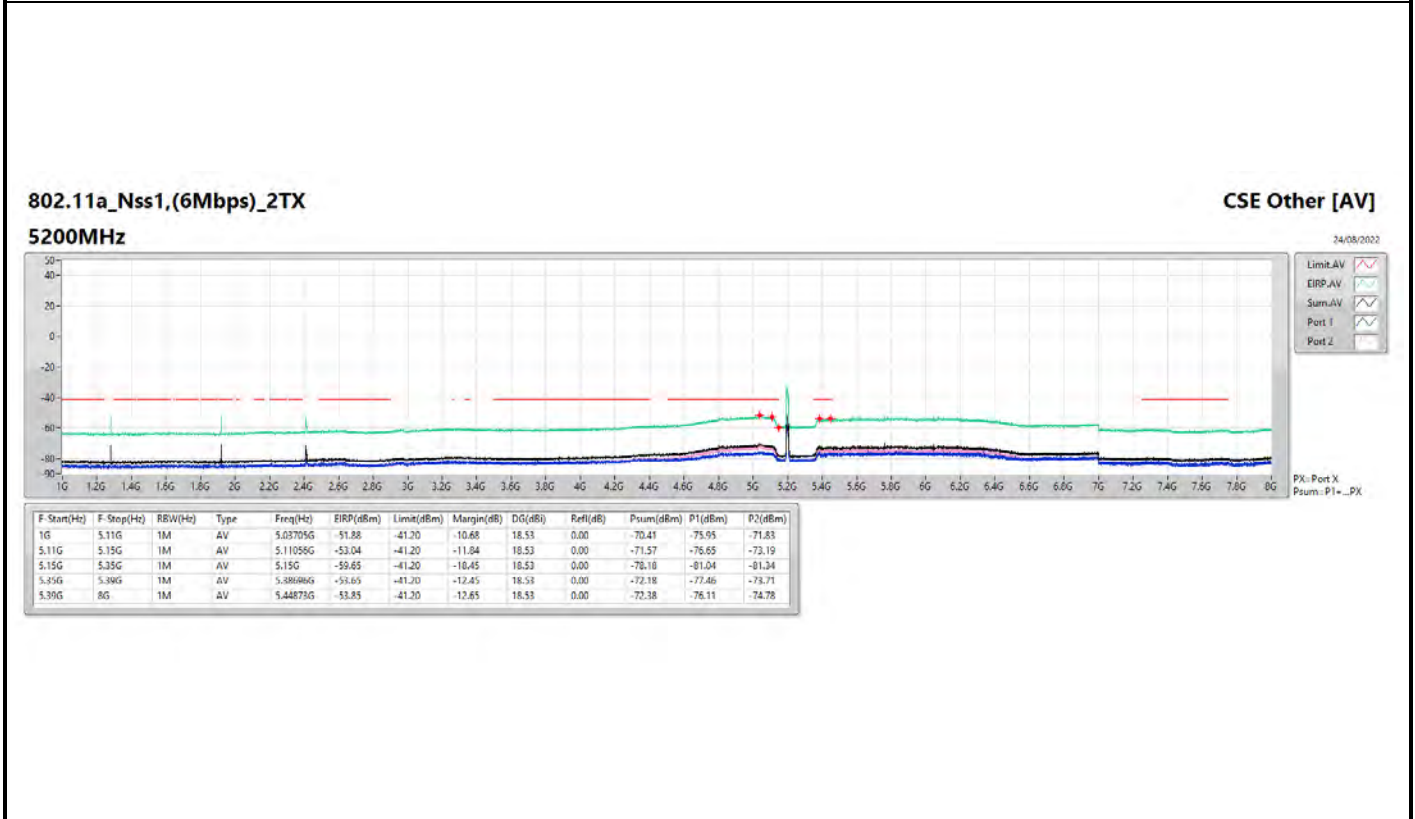
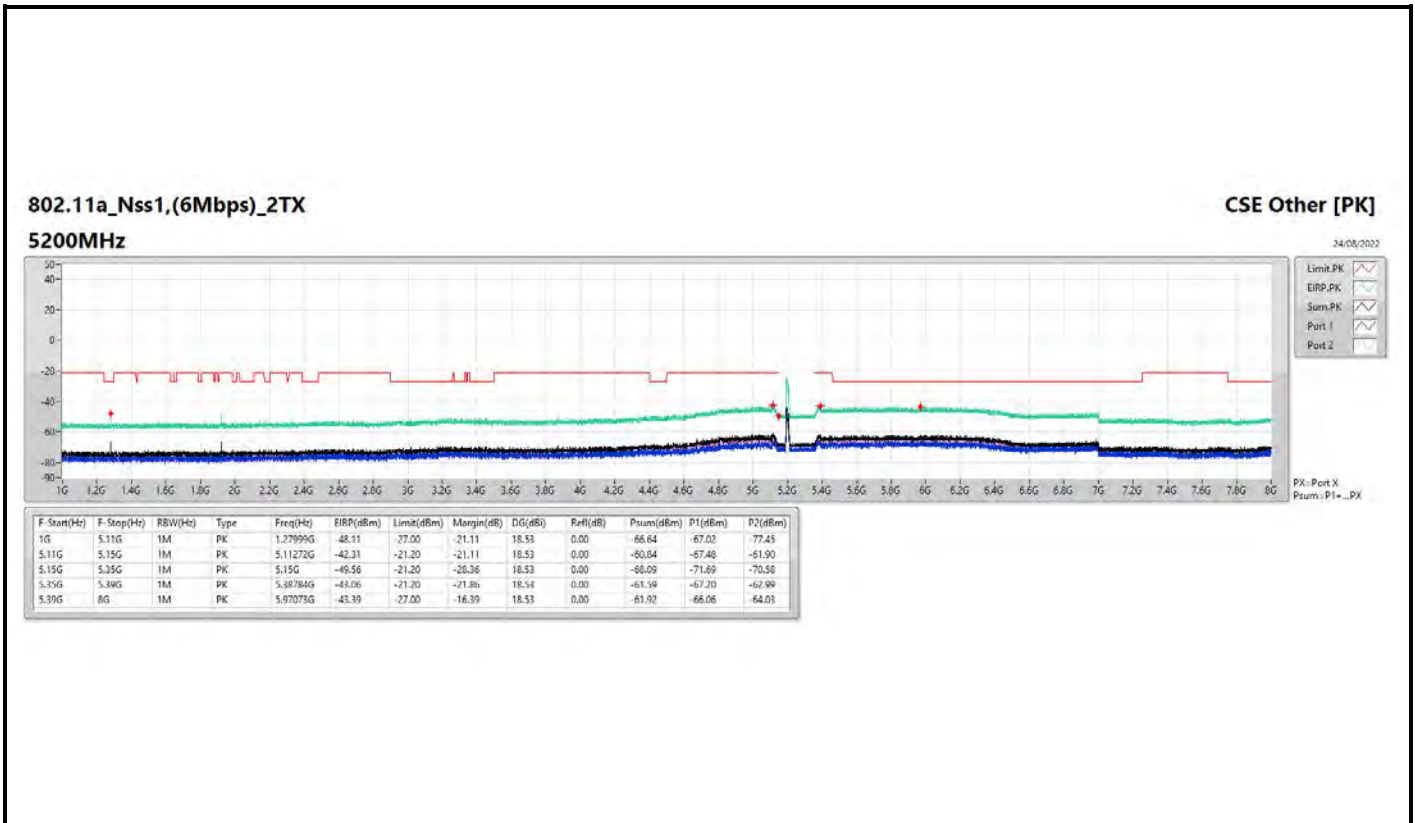


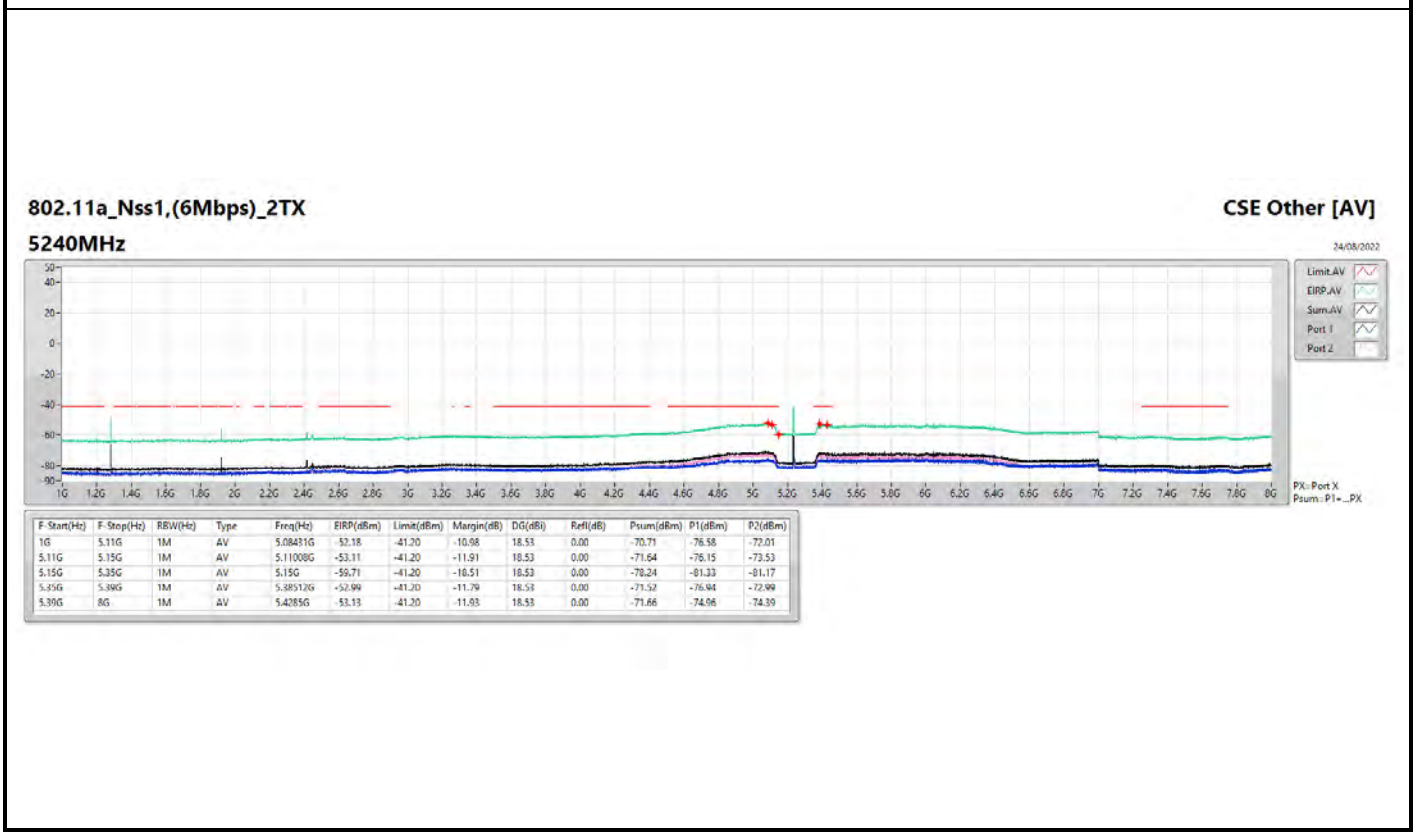
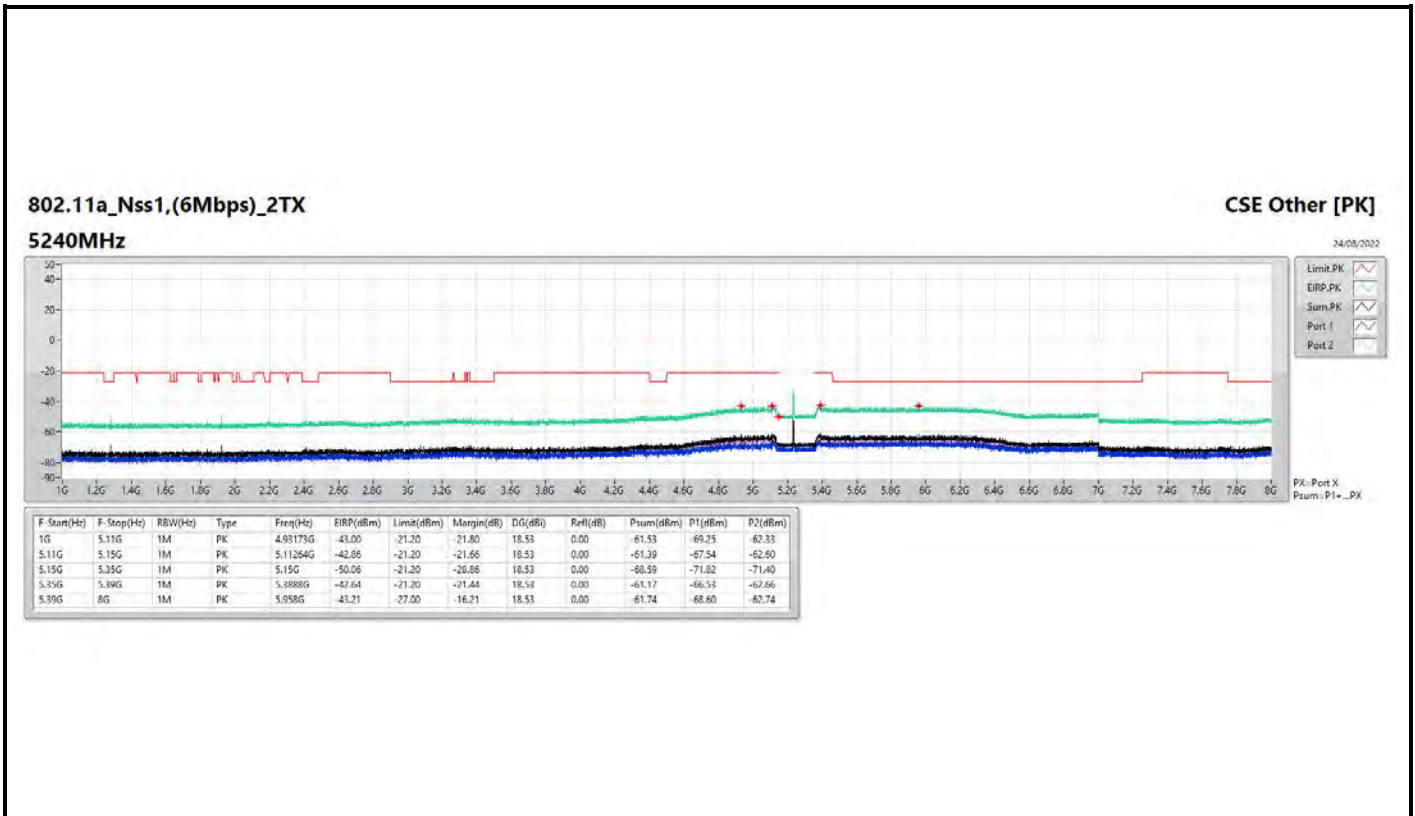


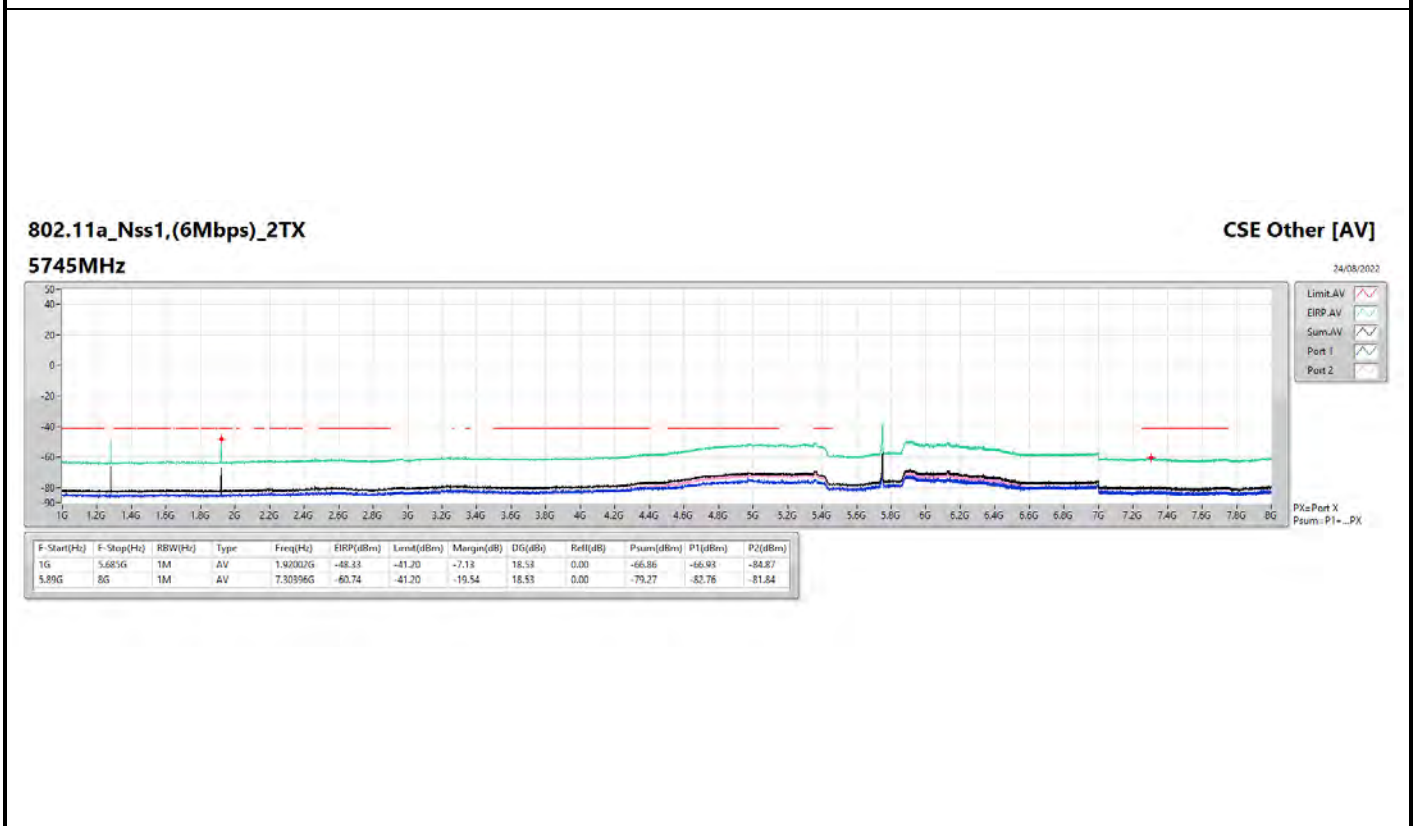
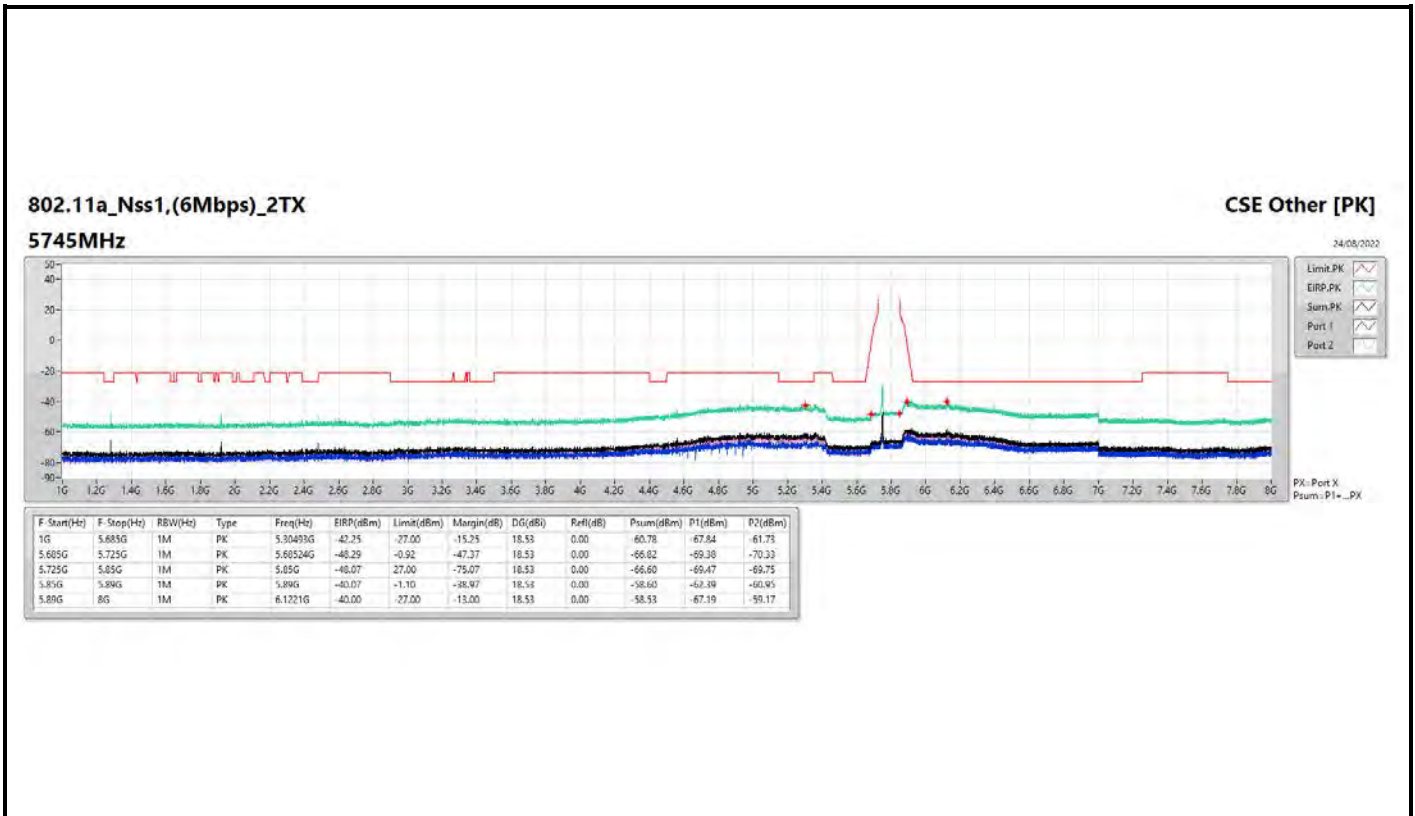






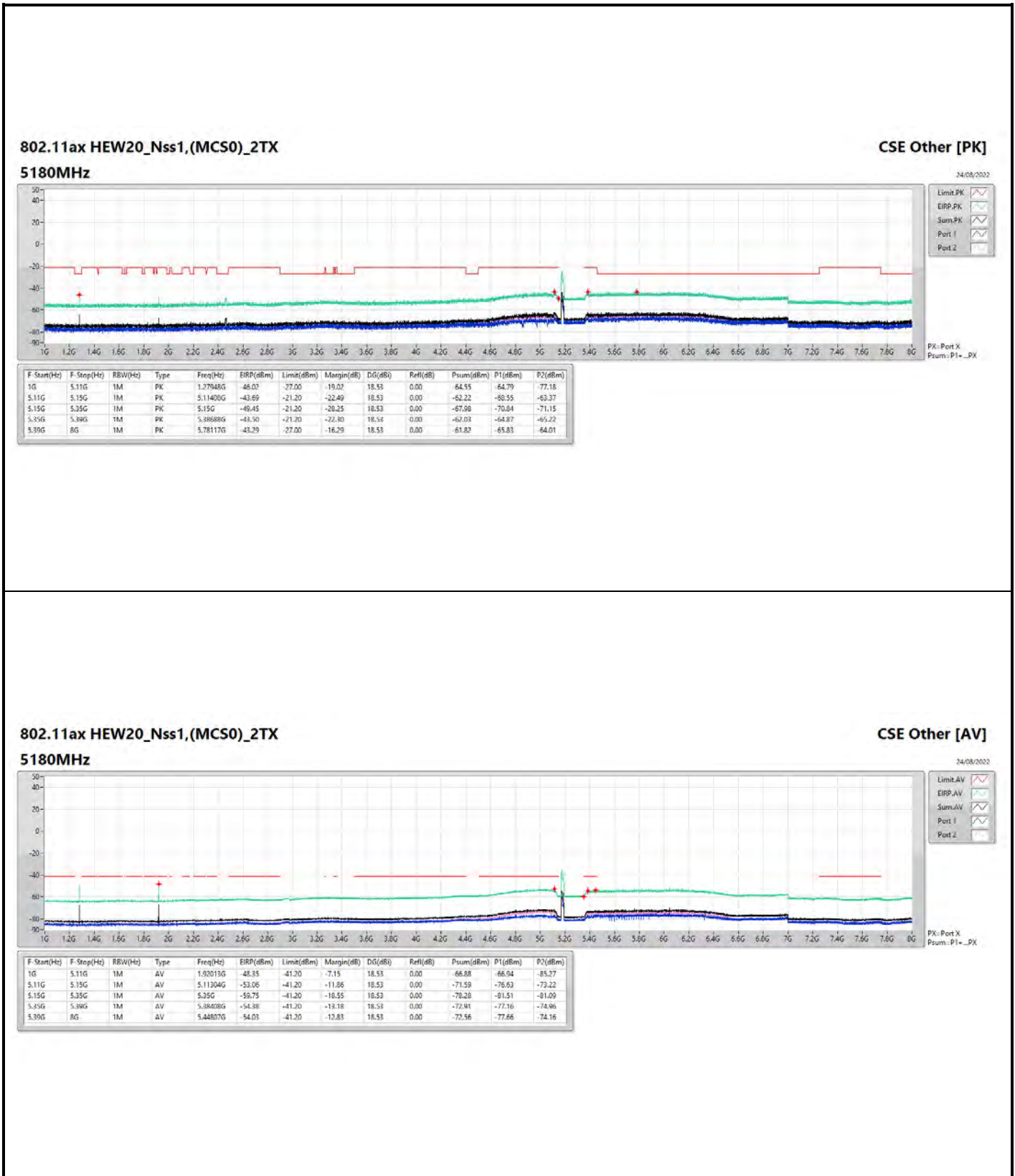








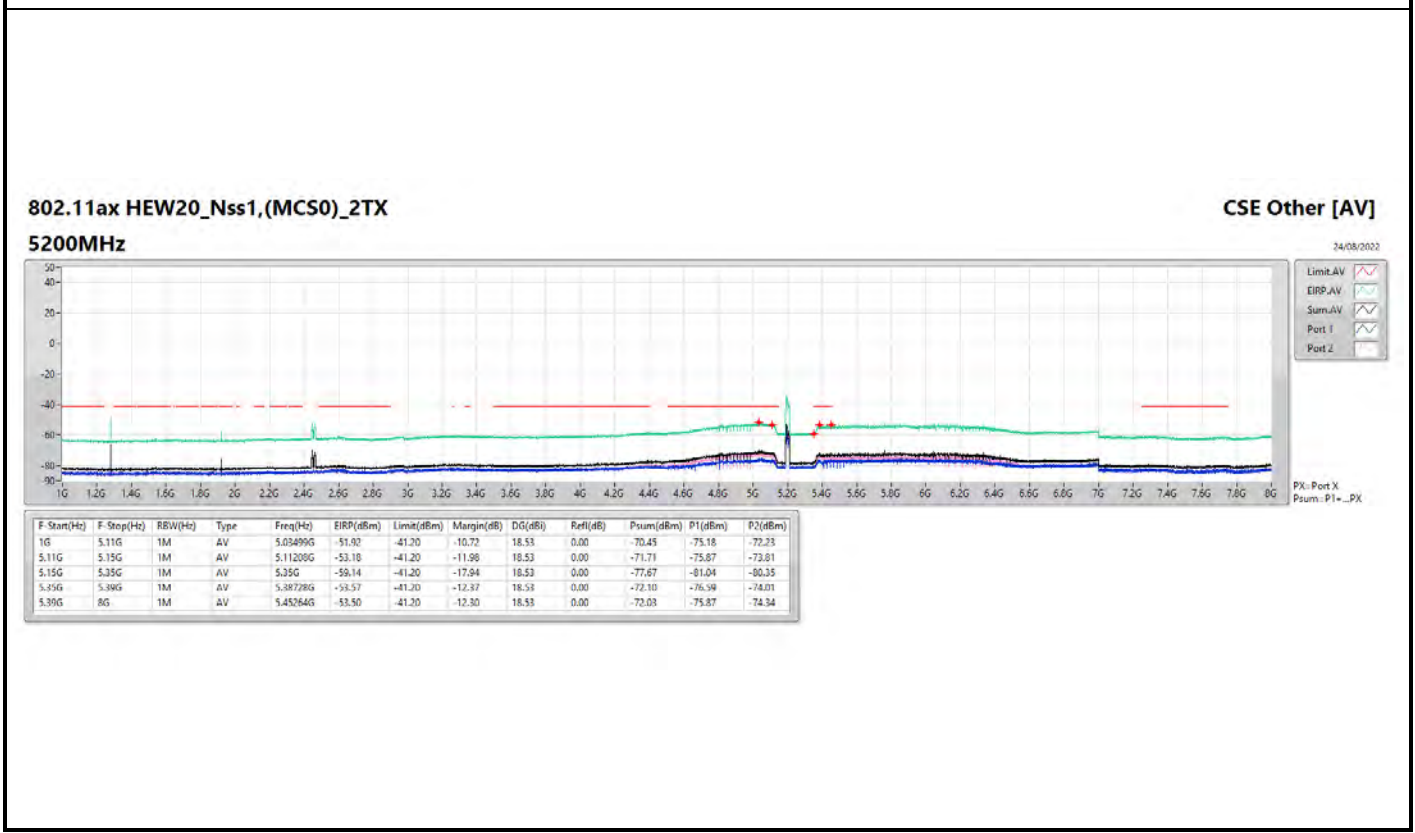
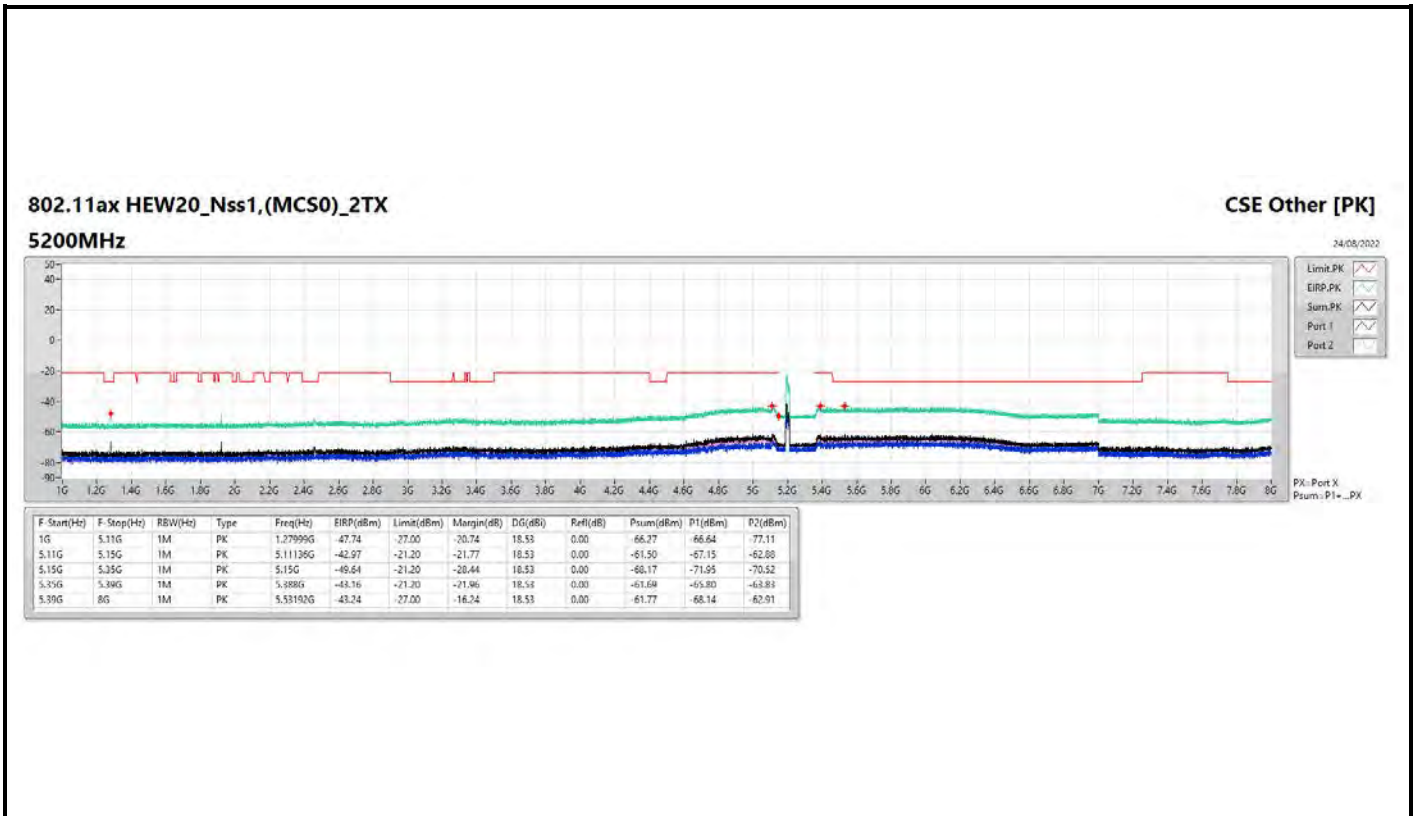


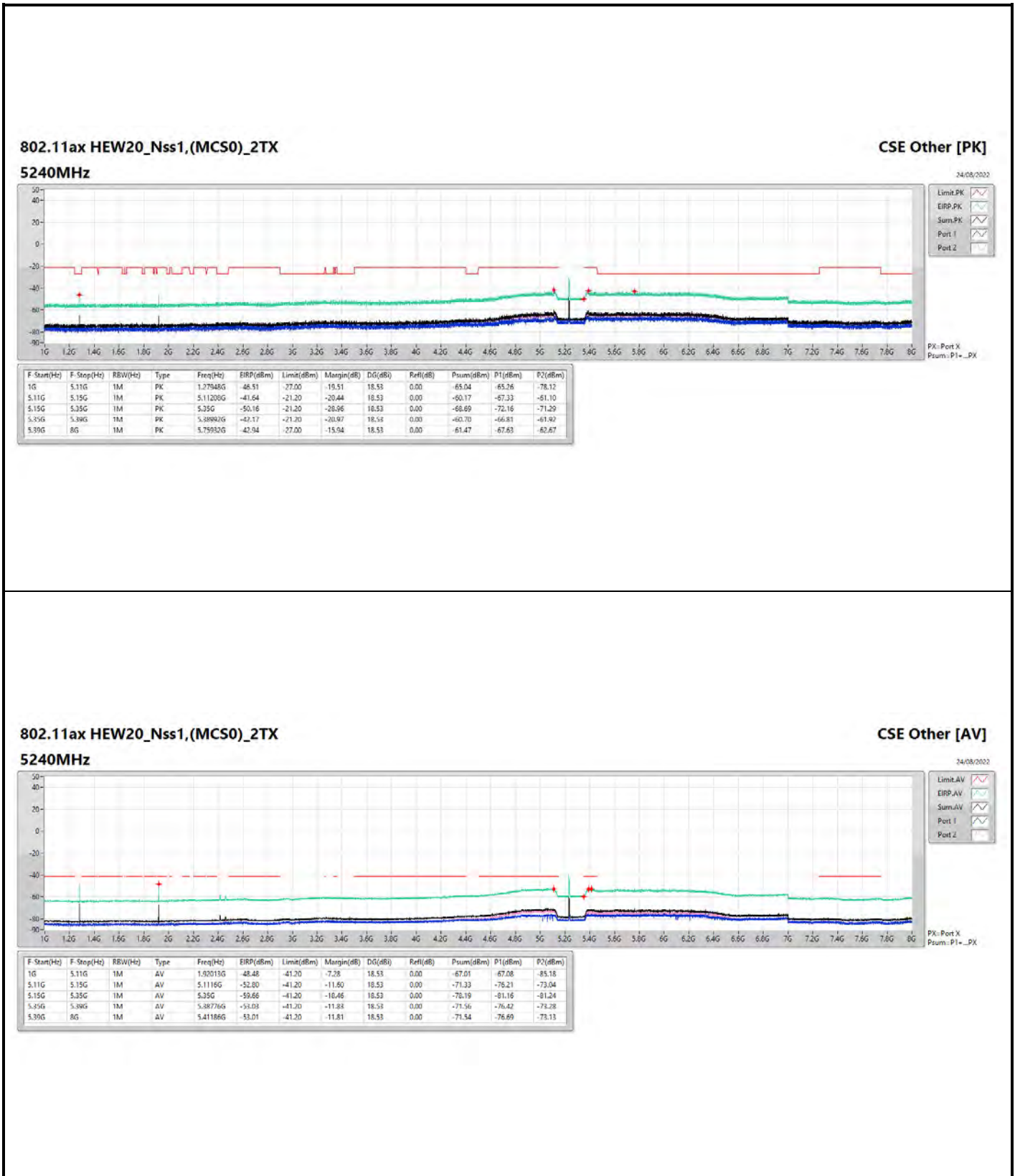


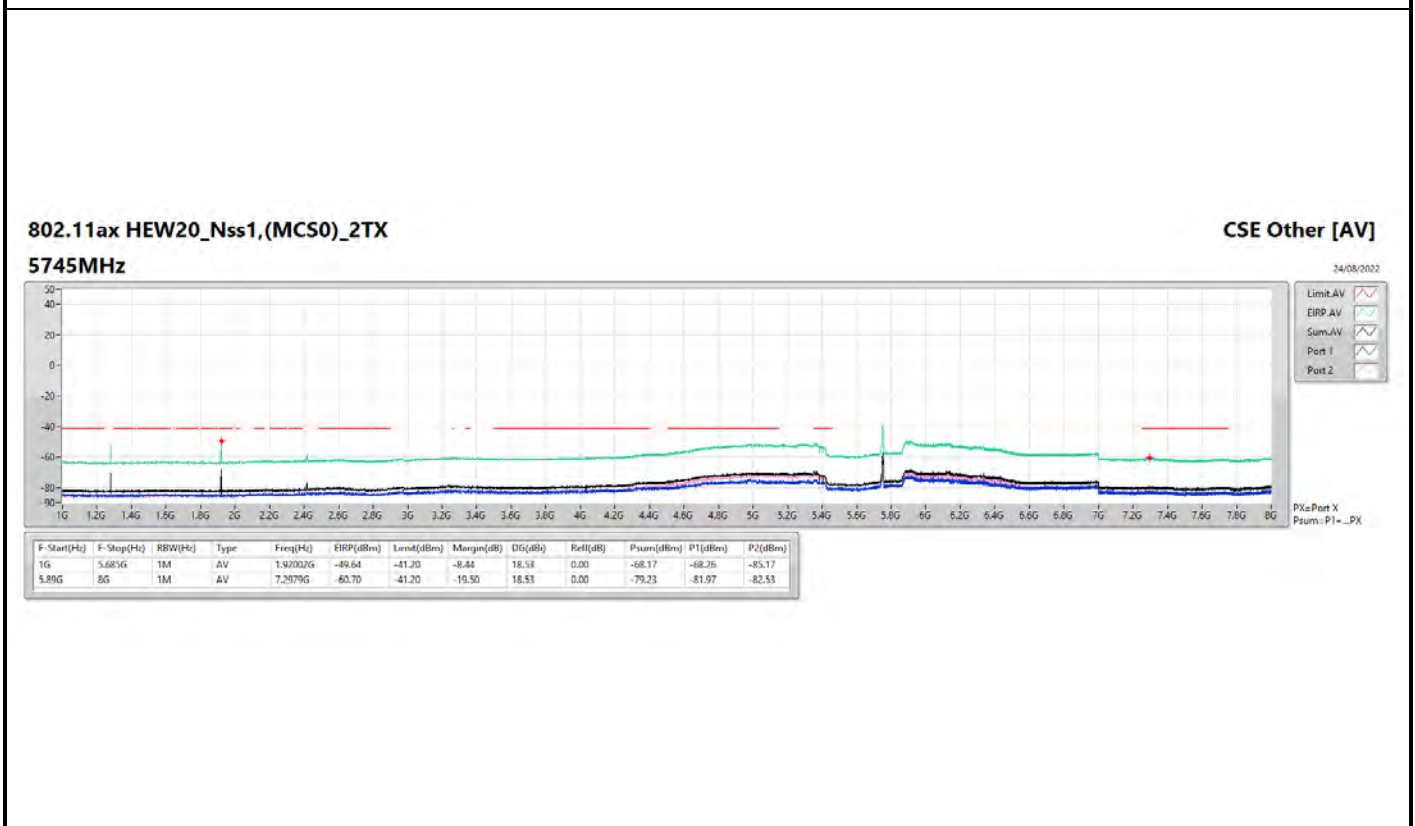
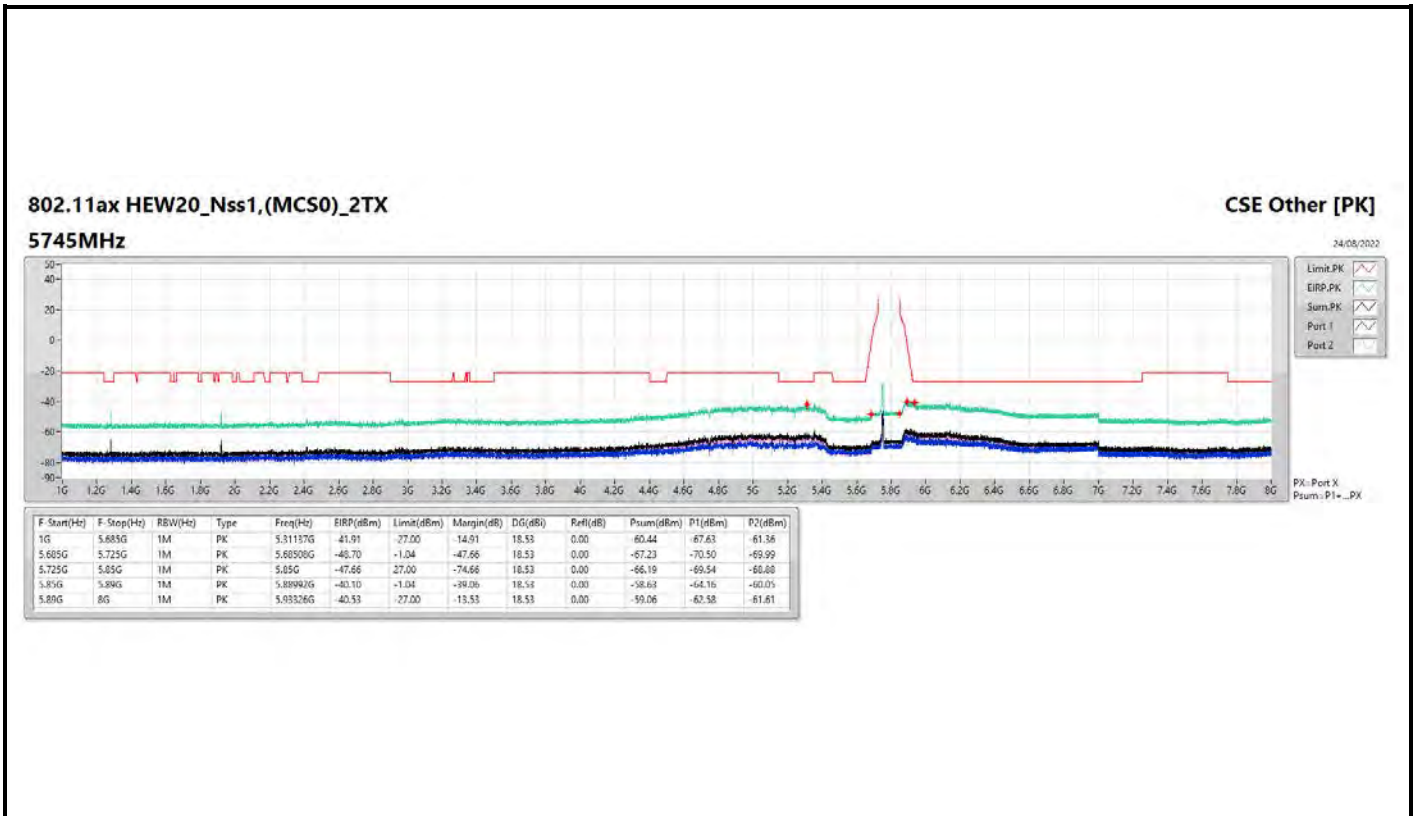
802.11ax HEW20_Nss1,(MCS0)_2TX
5180MHZ

CSE Other [AV]

 Limit.AV
 EIRP.AV
 Sum.AV
 Port.1
 Port.2



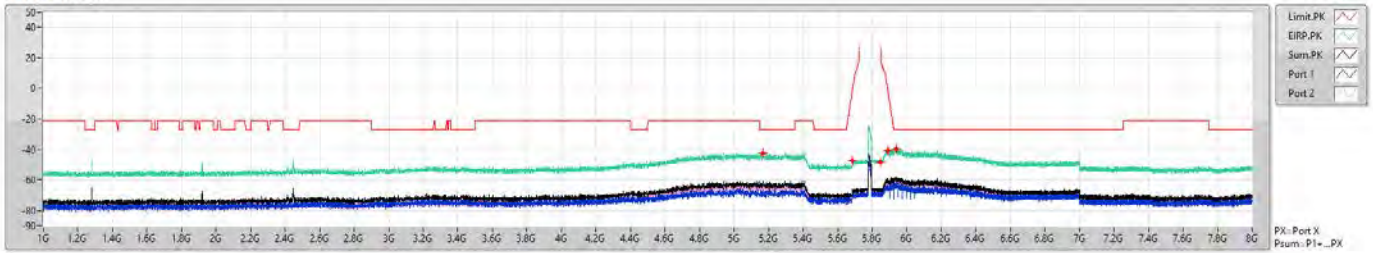




802.11ax HEW20_Nss1,(MCS0)_2TX
5785MHz

CSE Other [PK]

24/08/2022

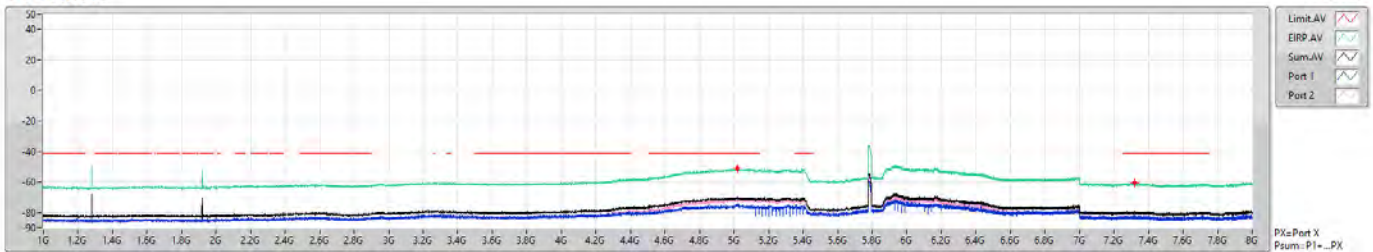


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.685G	1M	PK	5.18672G	-42.44	-27.00	-15.44	18.53	0.00	-60.97	-67.94	-61.94
5.685G	5.725G	1M	PK	5.68549G	-47.50	-0.74	-46.86	18.53	0.00	-66.13	-68.92	-69.37
5.725G	5.85G	1M	PK	5.85G	-48.28	27.00	-75.28	18.53	0.00	-66.81	-69.81	-69.63
5.85G	5.89G	1M	PK	5.88902G	-50.67	-1.04	-49.63	18.53	0.00	-69.20	-63.50	-61.21
5.89G	8G	1M	PK	5.94011G	-39.50	-27.00	-12.50	18.53	0.00	-58.03	-65.09	-58.98

802.11ax HEW20_Nss1,(MCS0)_2TX
5785MHz

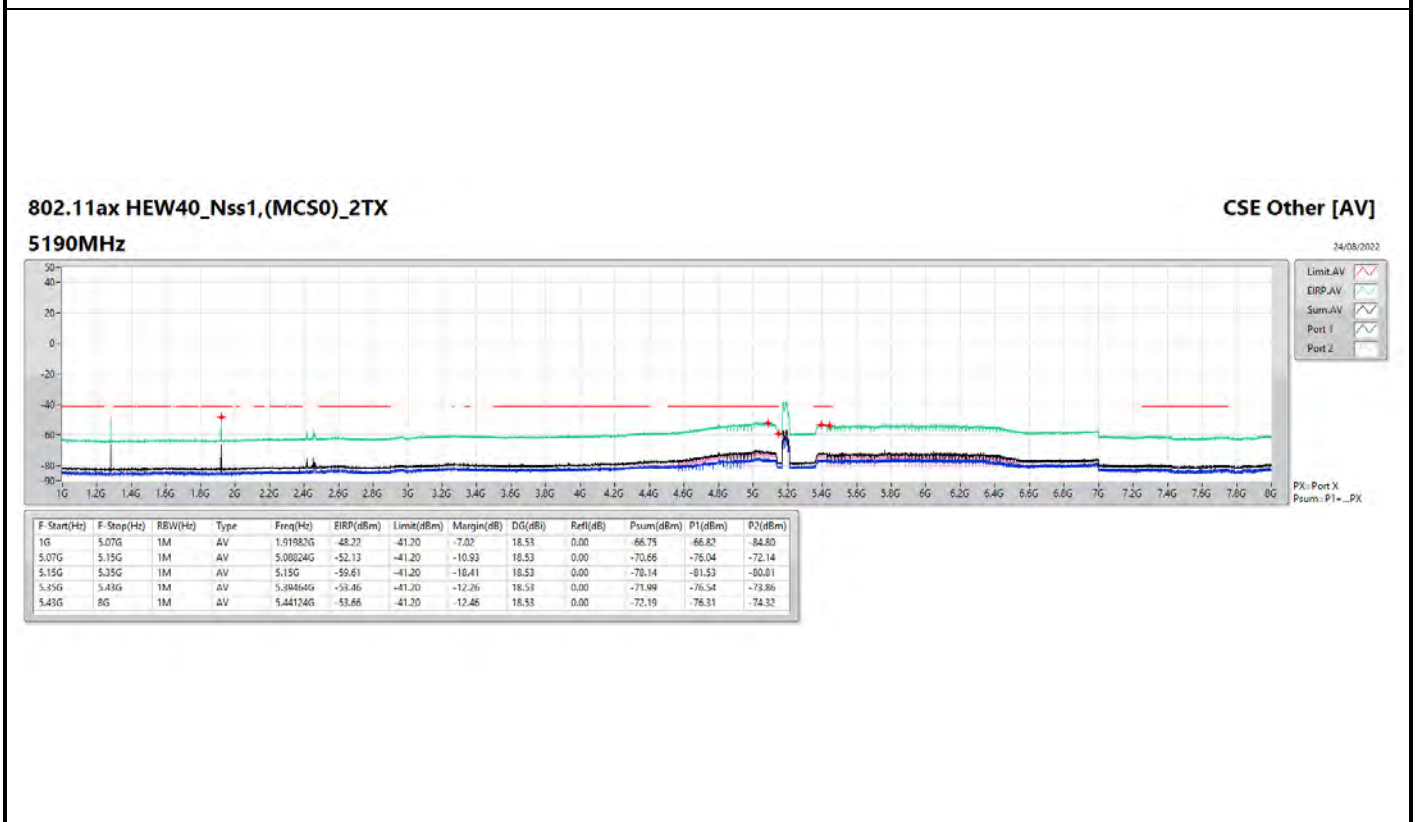
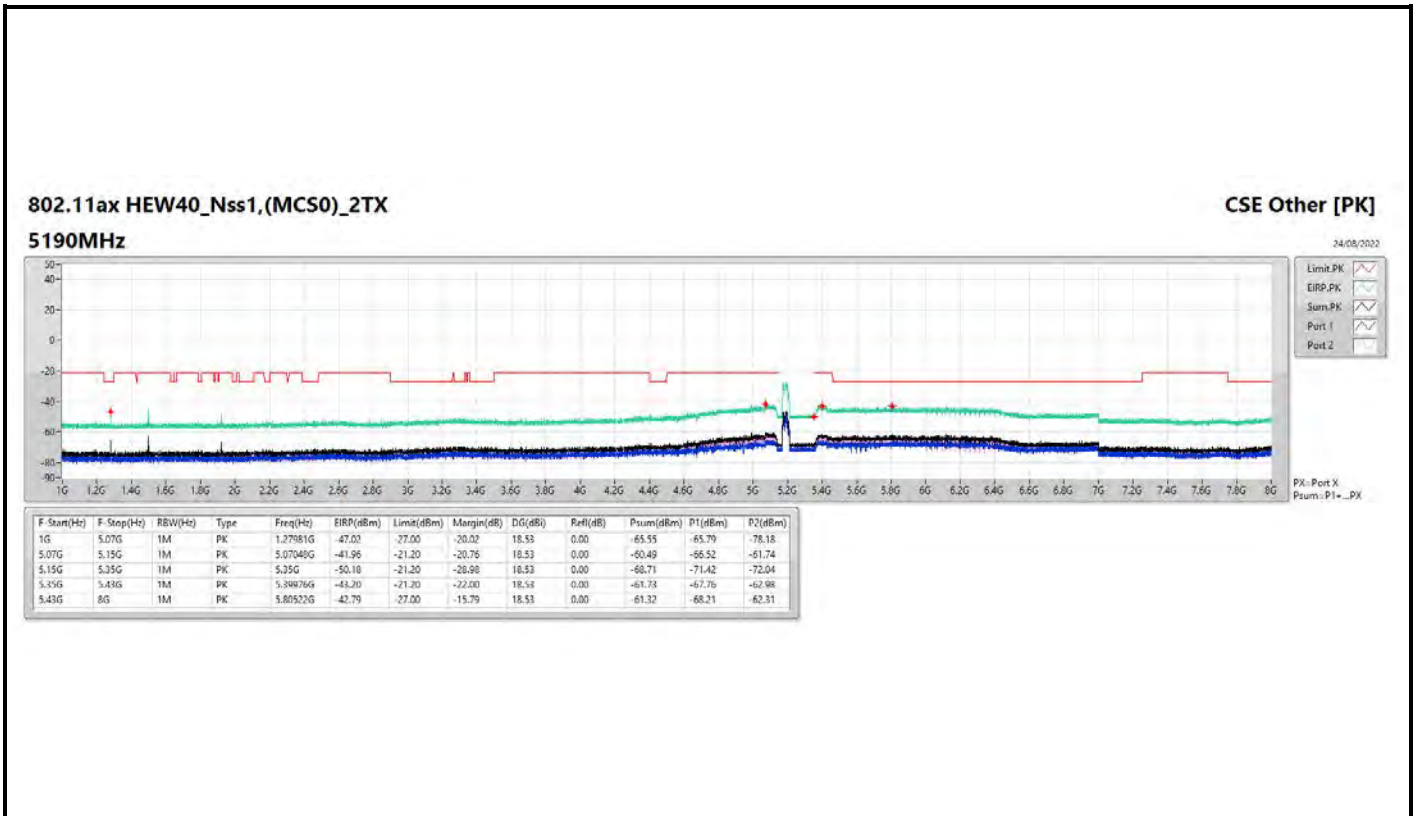
CSE Other [AV]

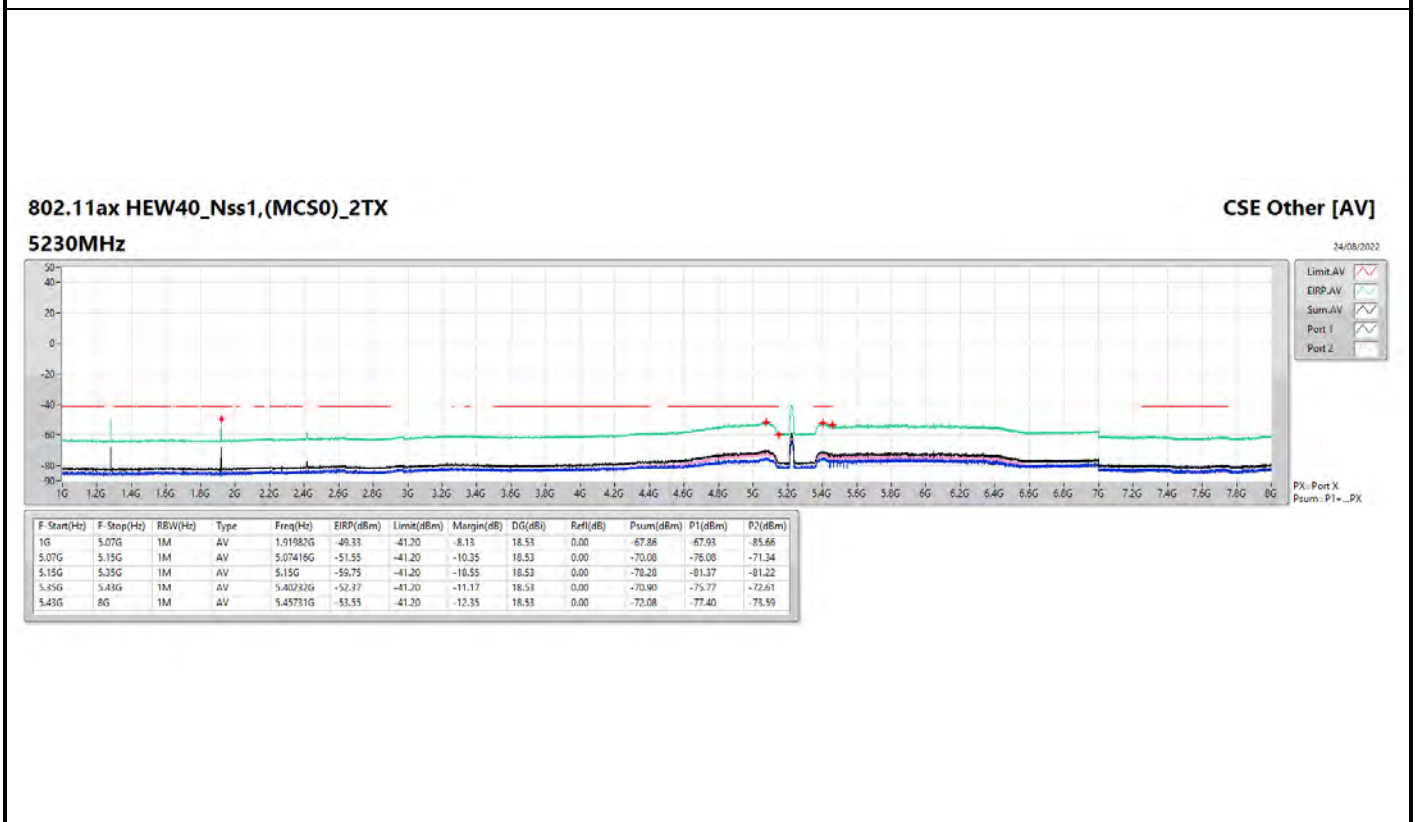
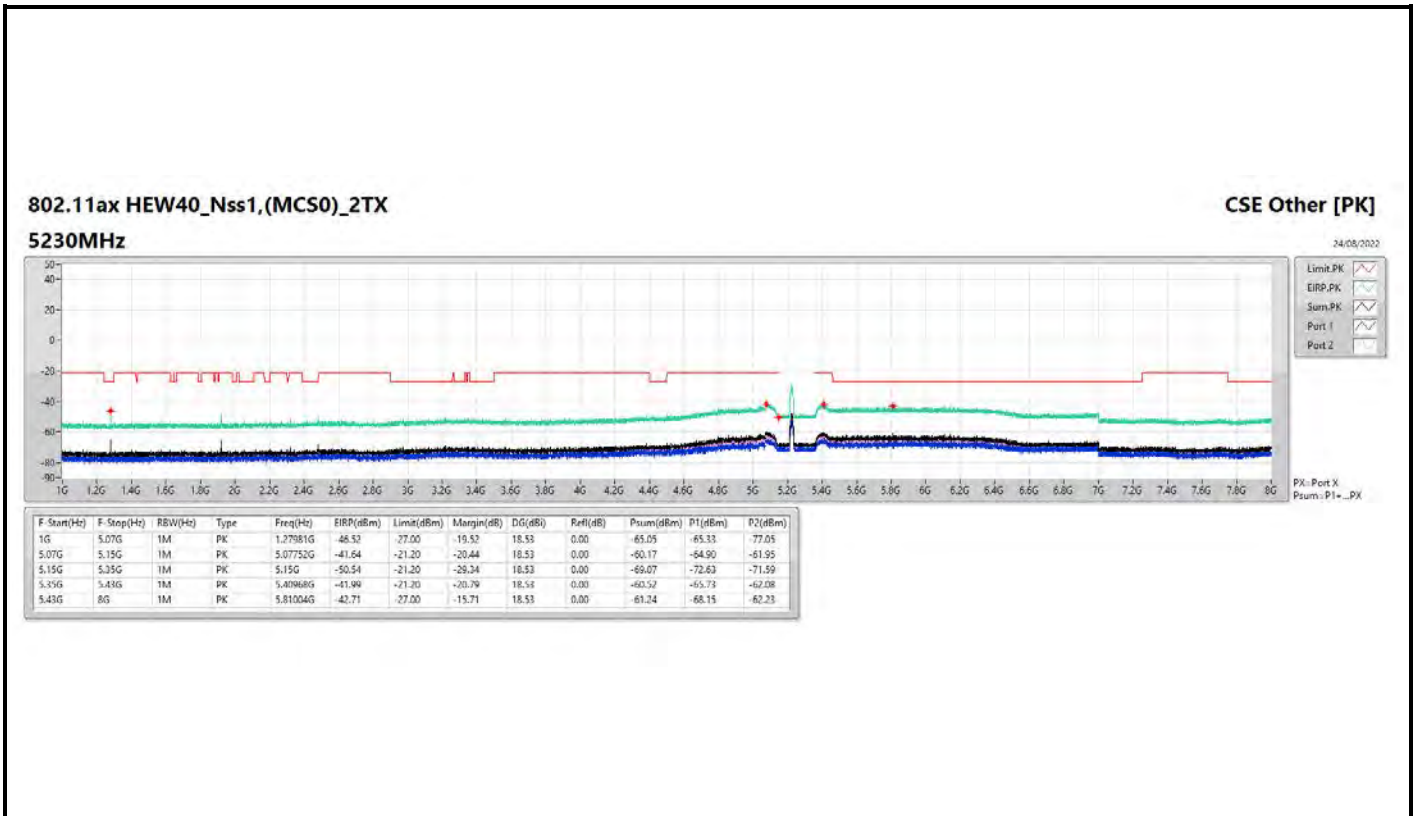
24/08/2022

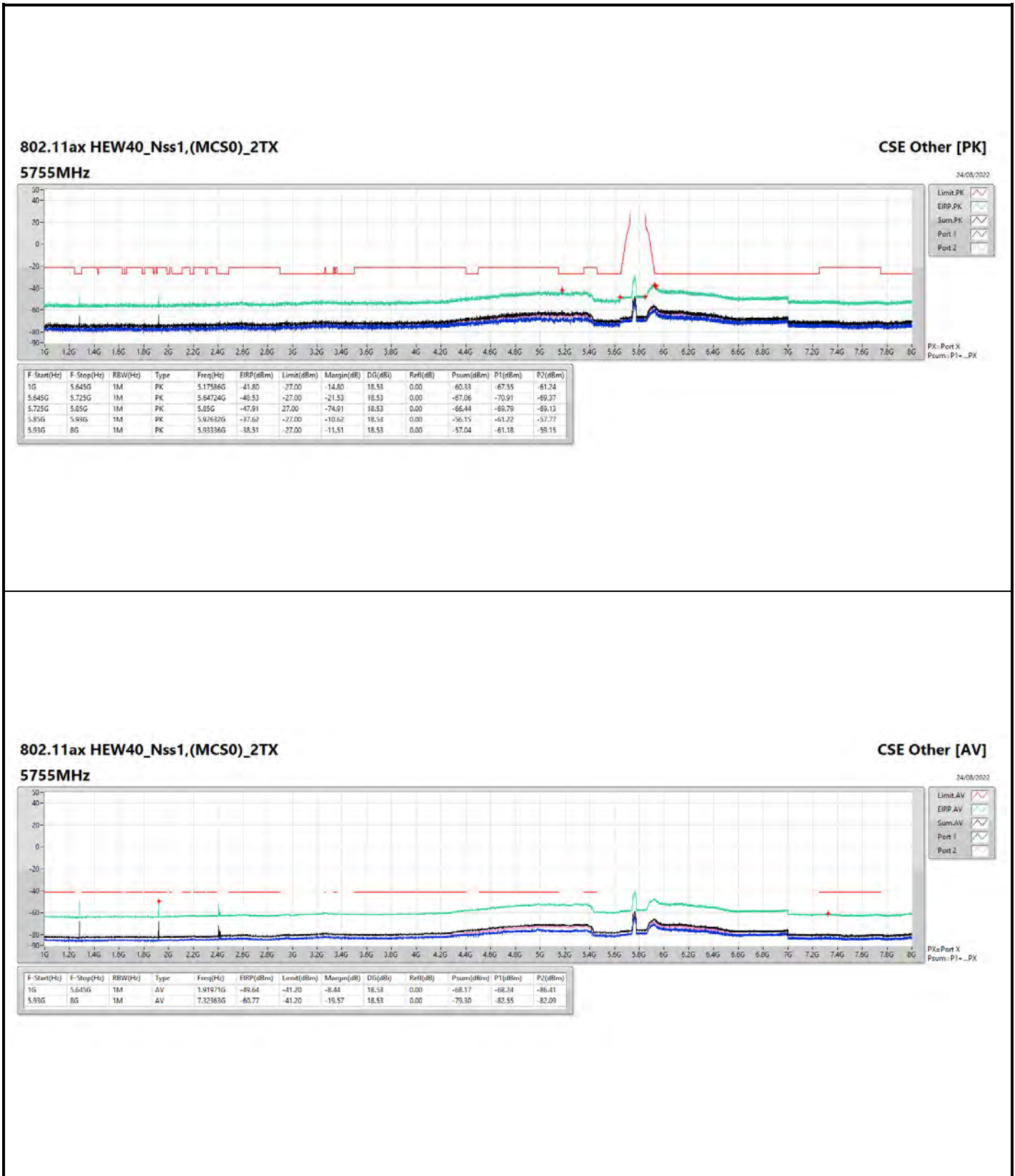


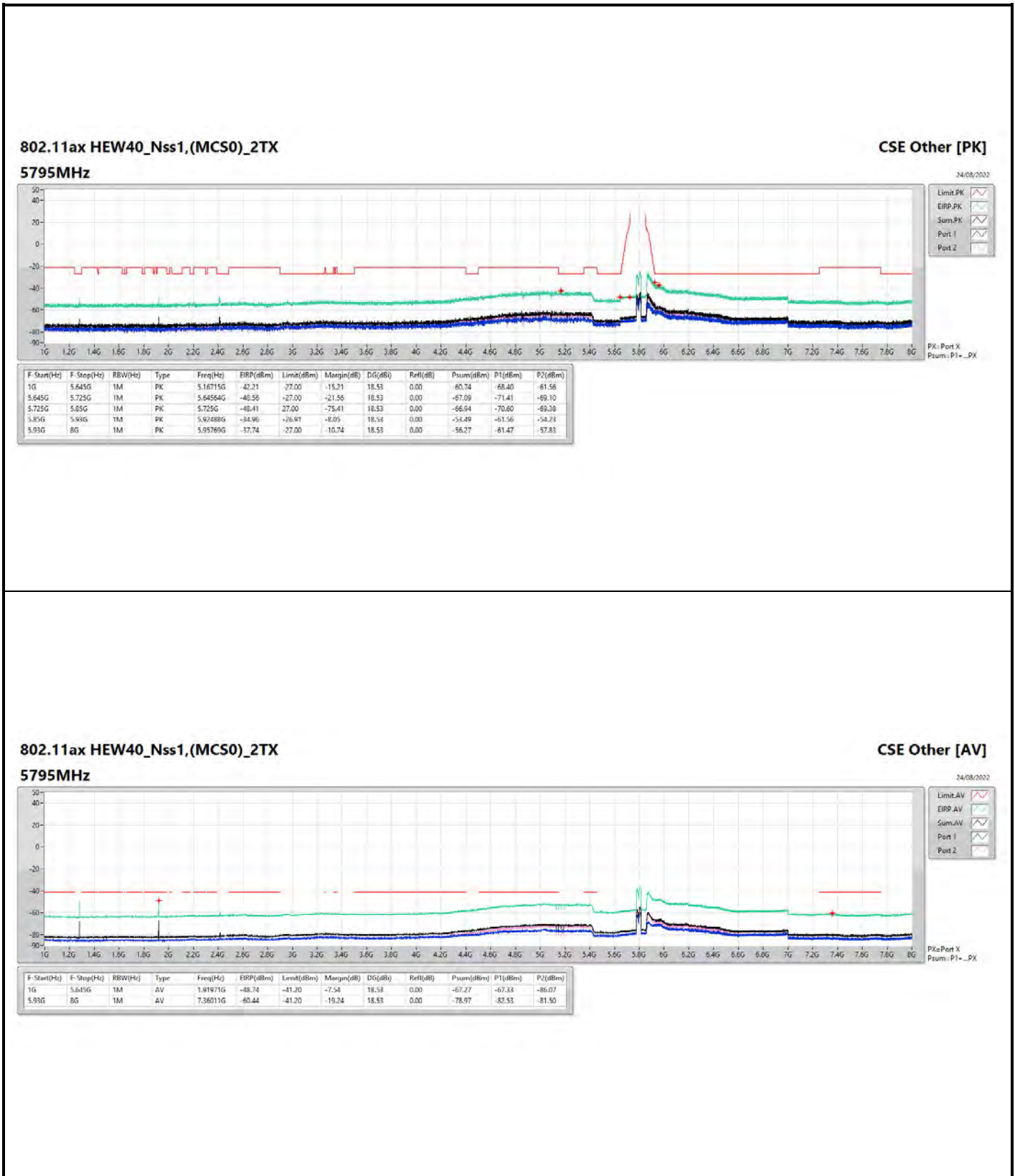
F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	5.685G	1M	AV	5.0209G	-51.41	-41.20	-10.21	18.53	0.00	-66.94	-75.20	-71.48
5.685G	8G	1M	AV	7.32111G	-60.72	-41.20	-19.52	18.53	0.00	-79.25	-82.01	-82.52

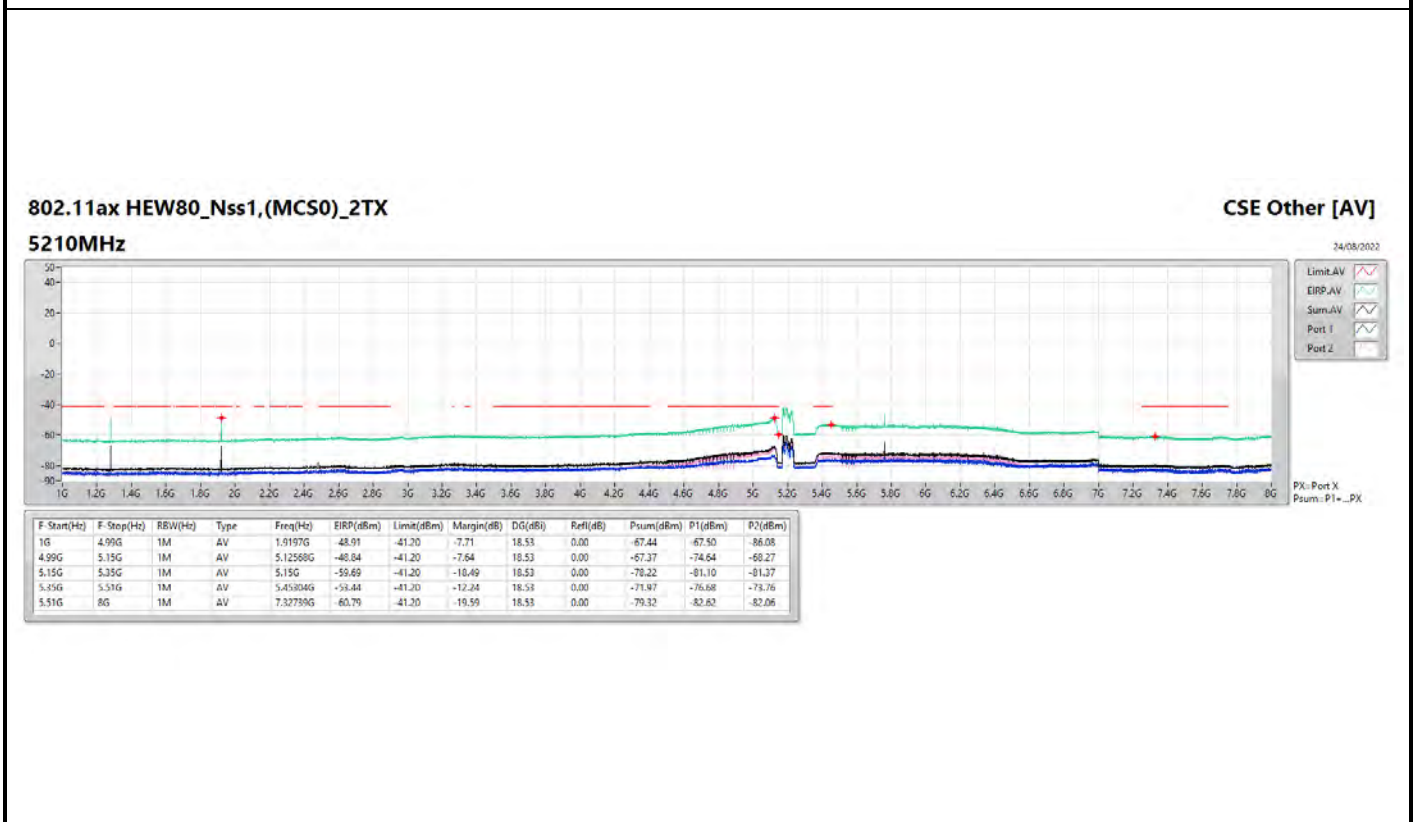
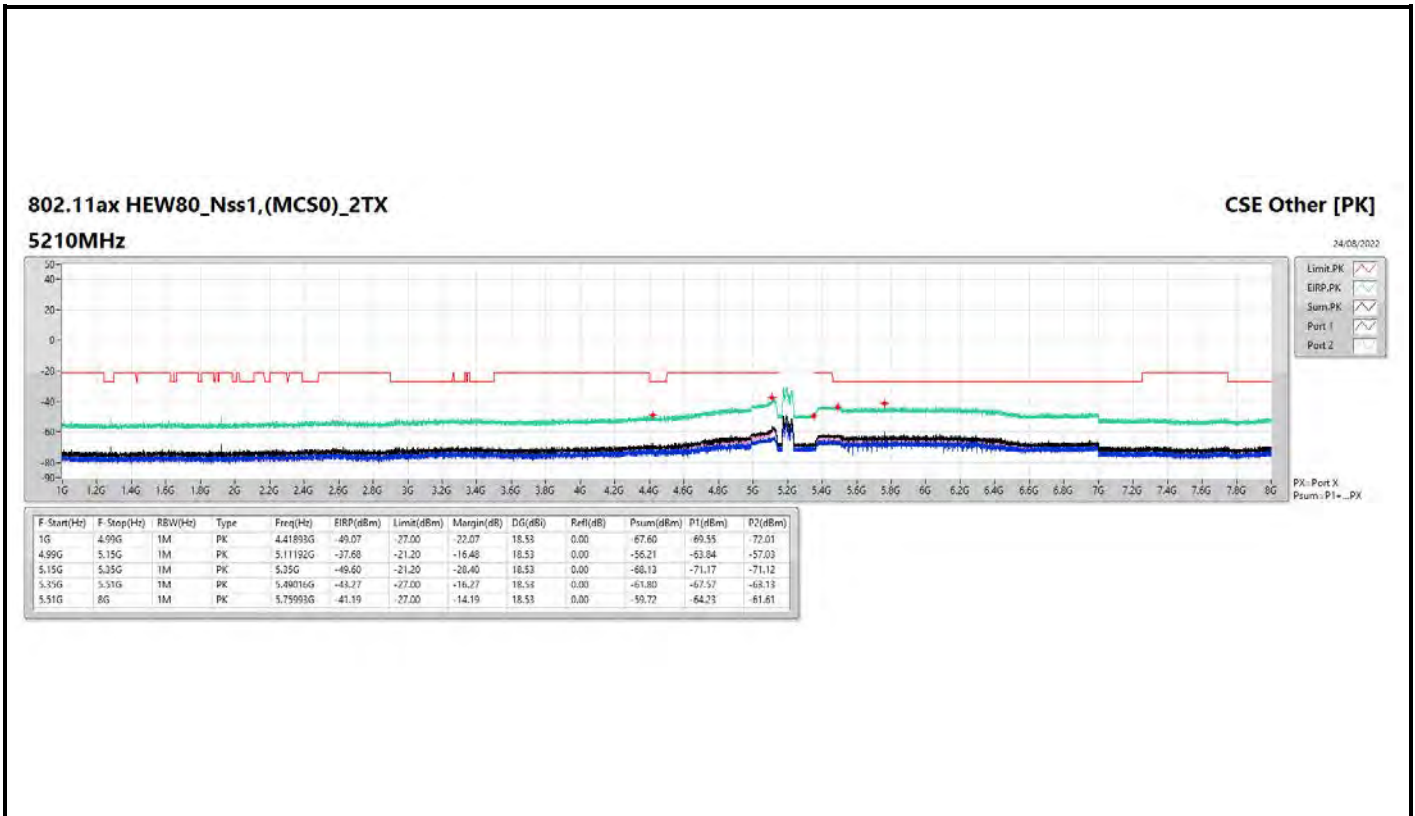


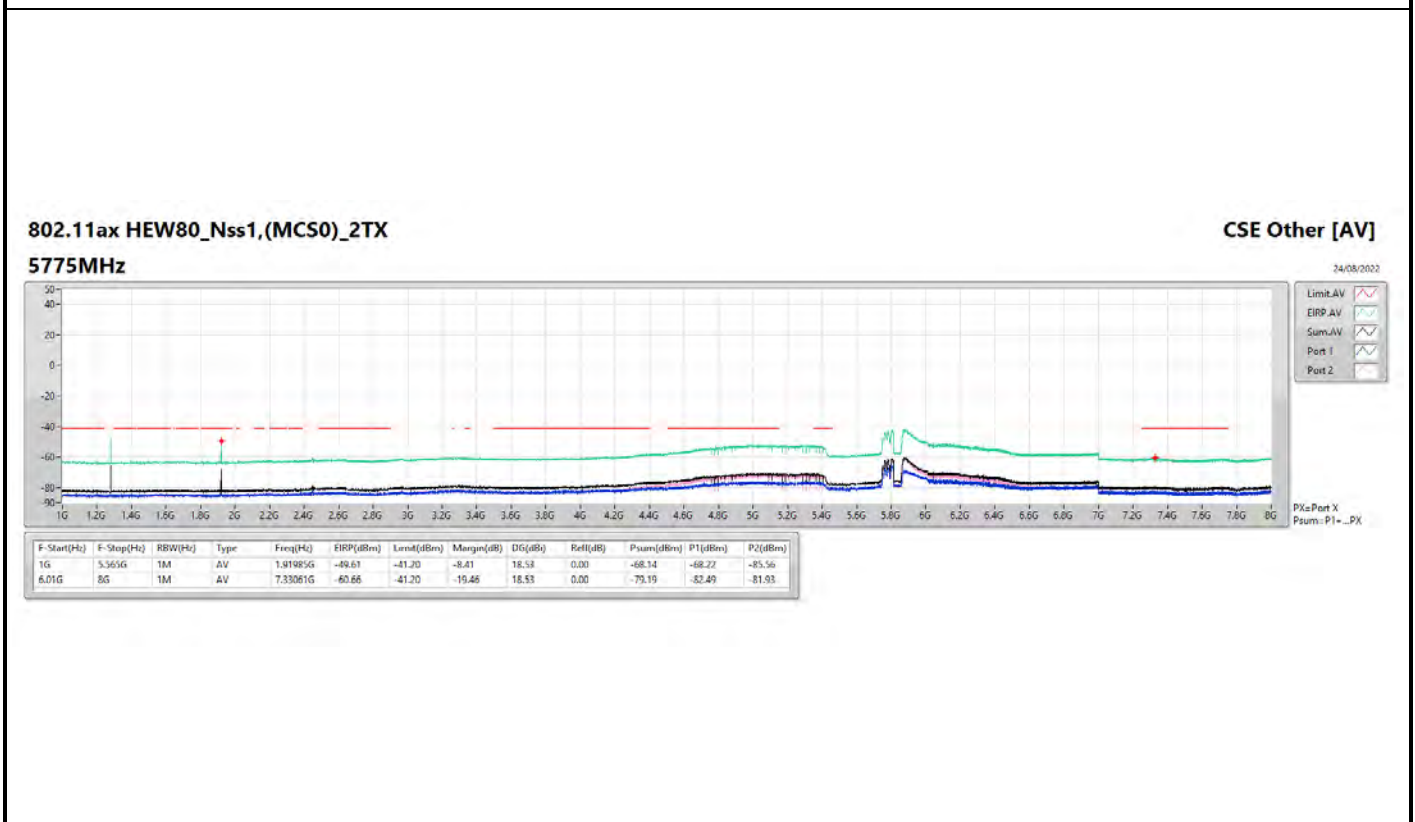
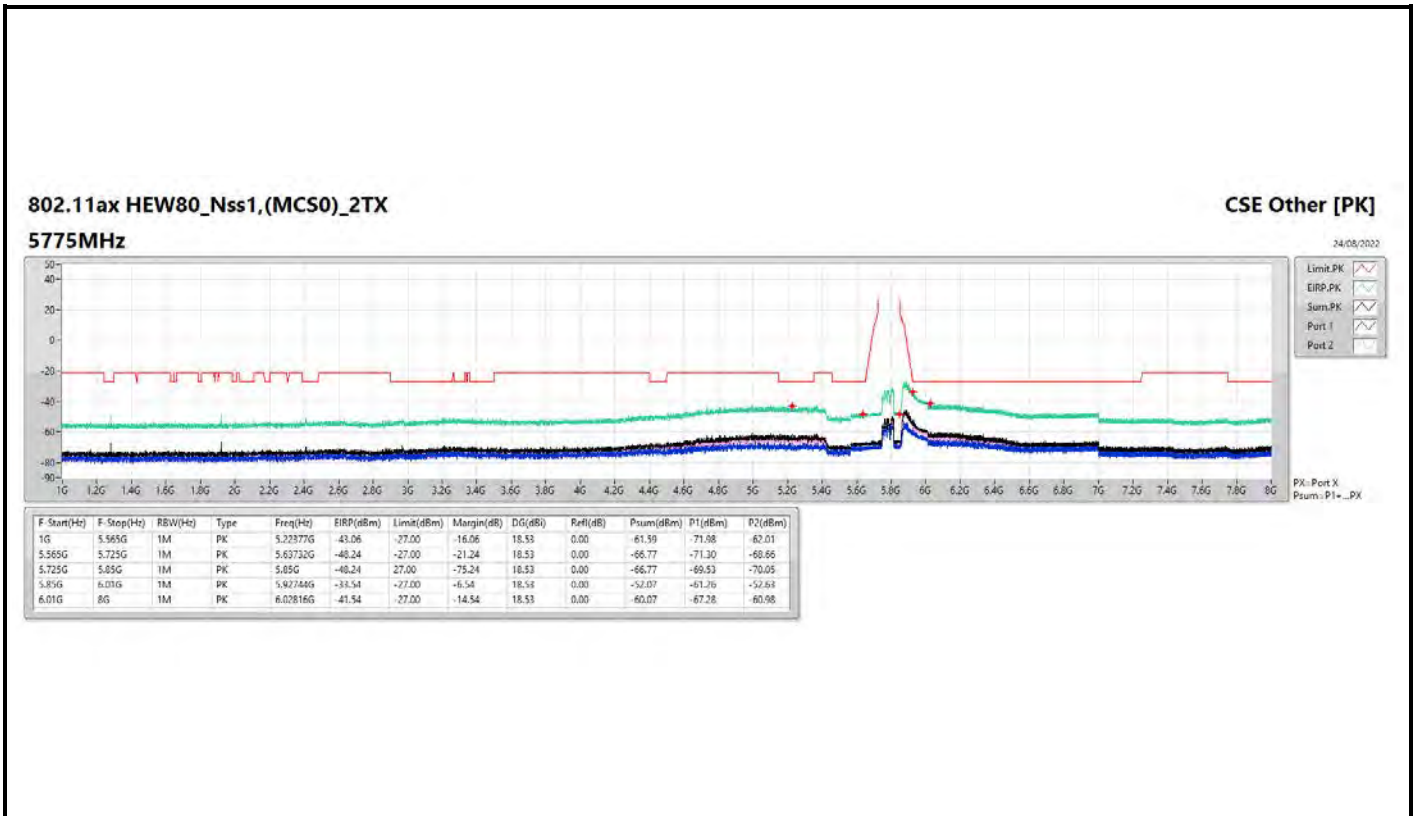






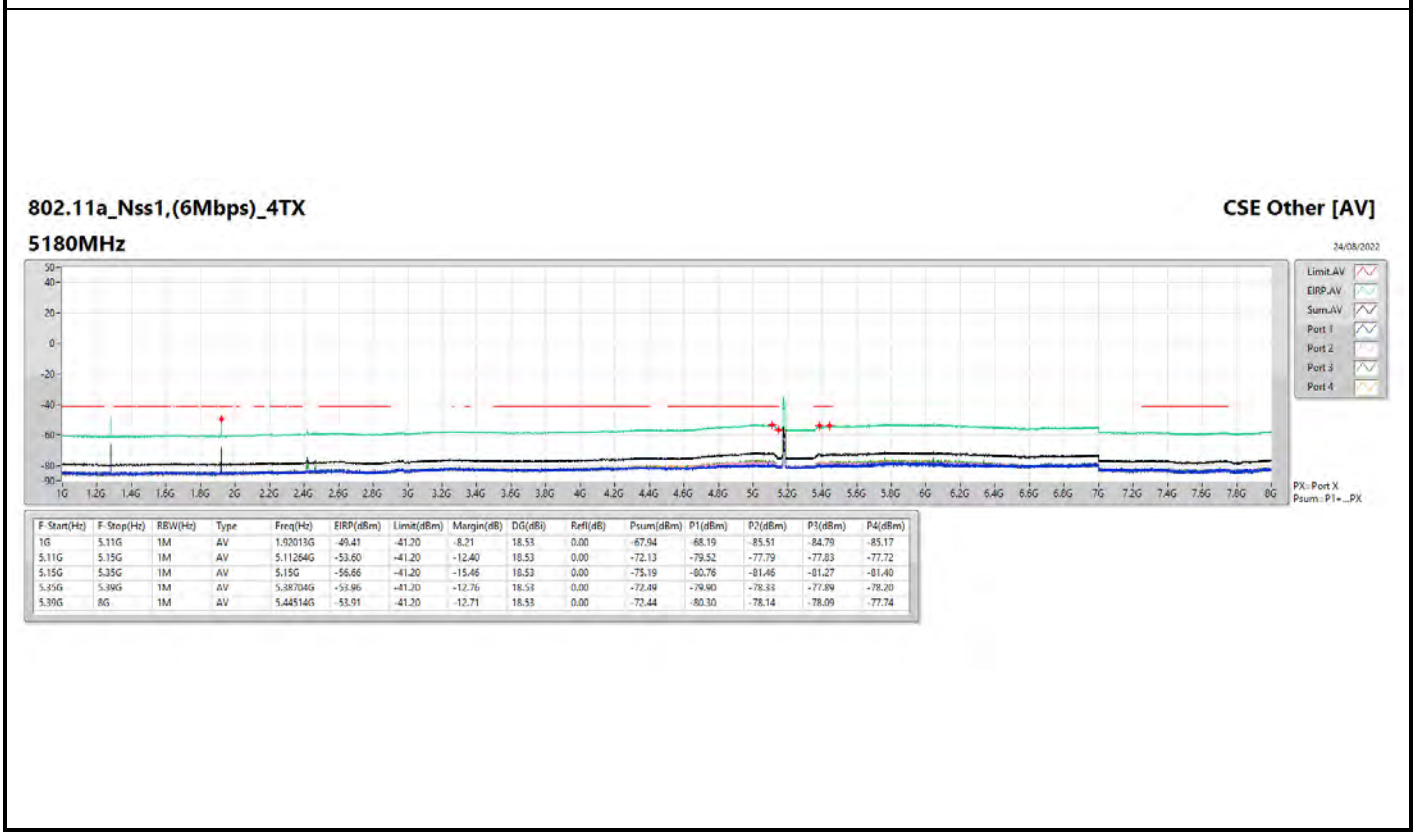
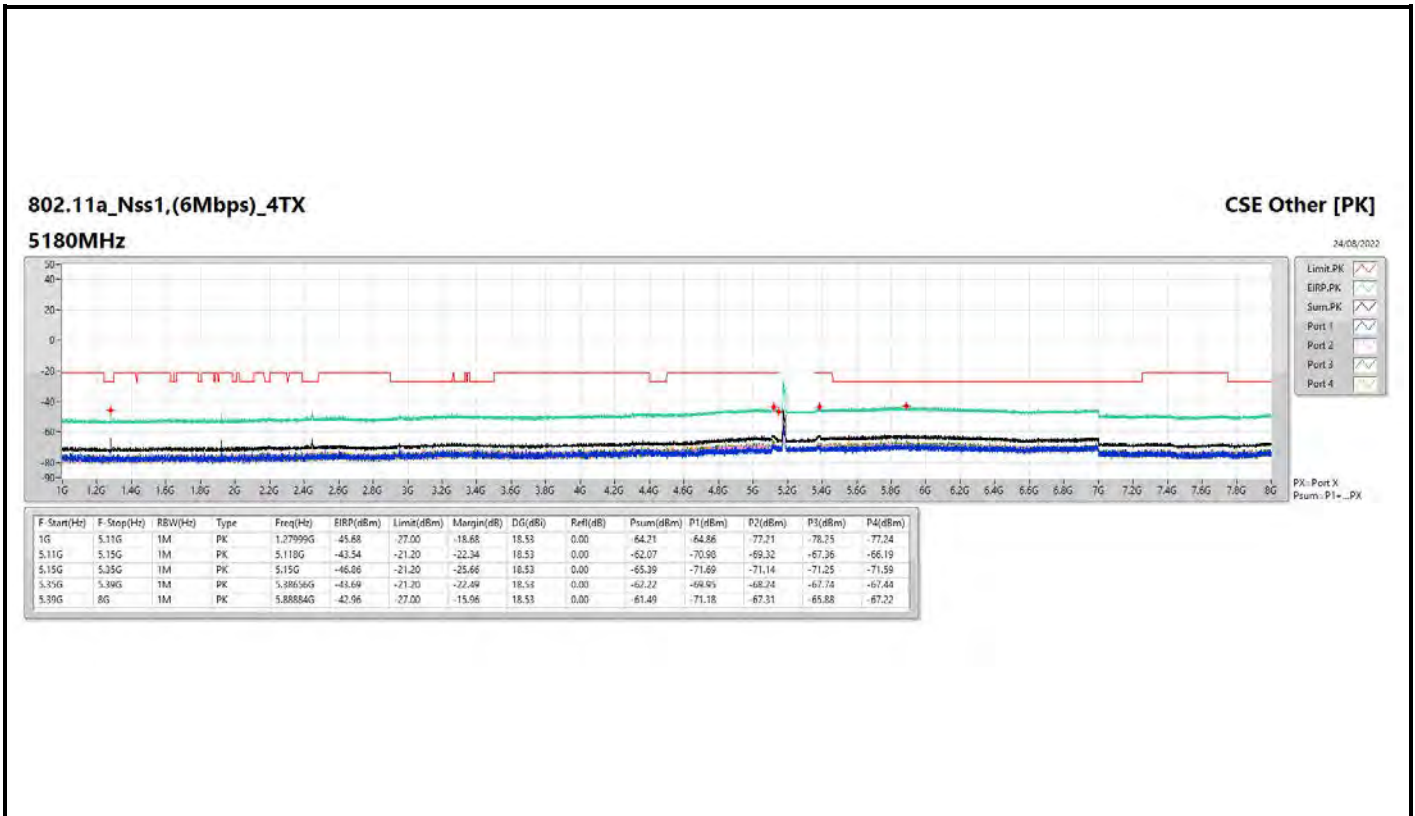


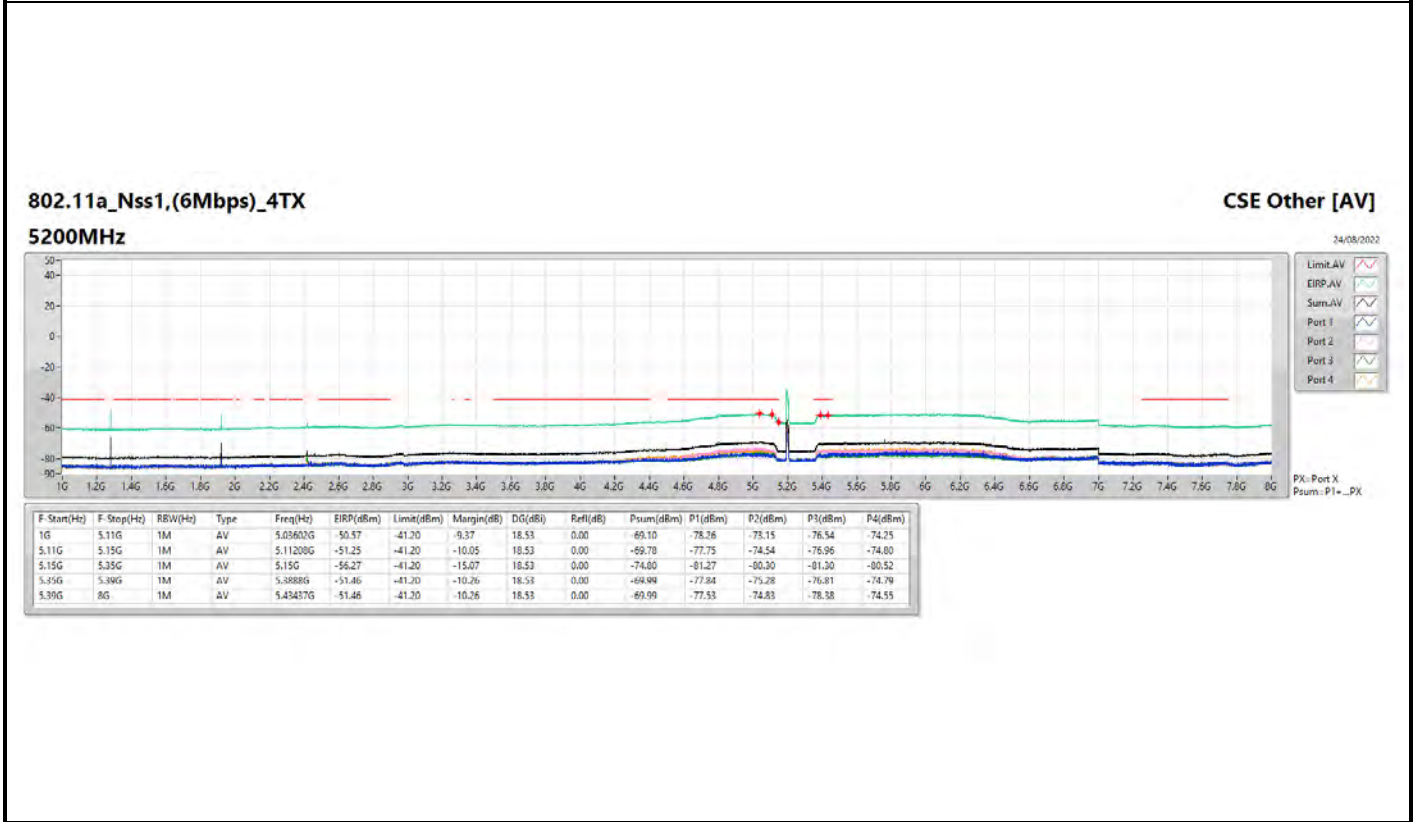
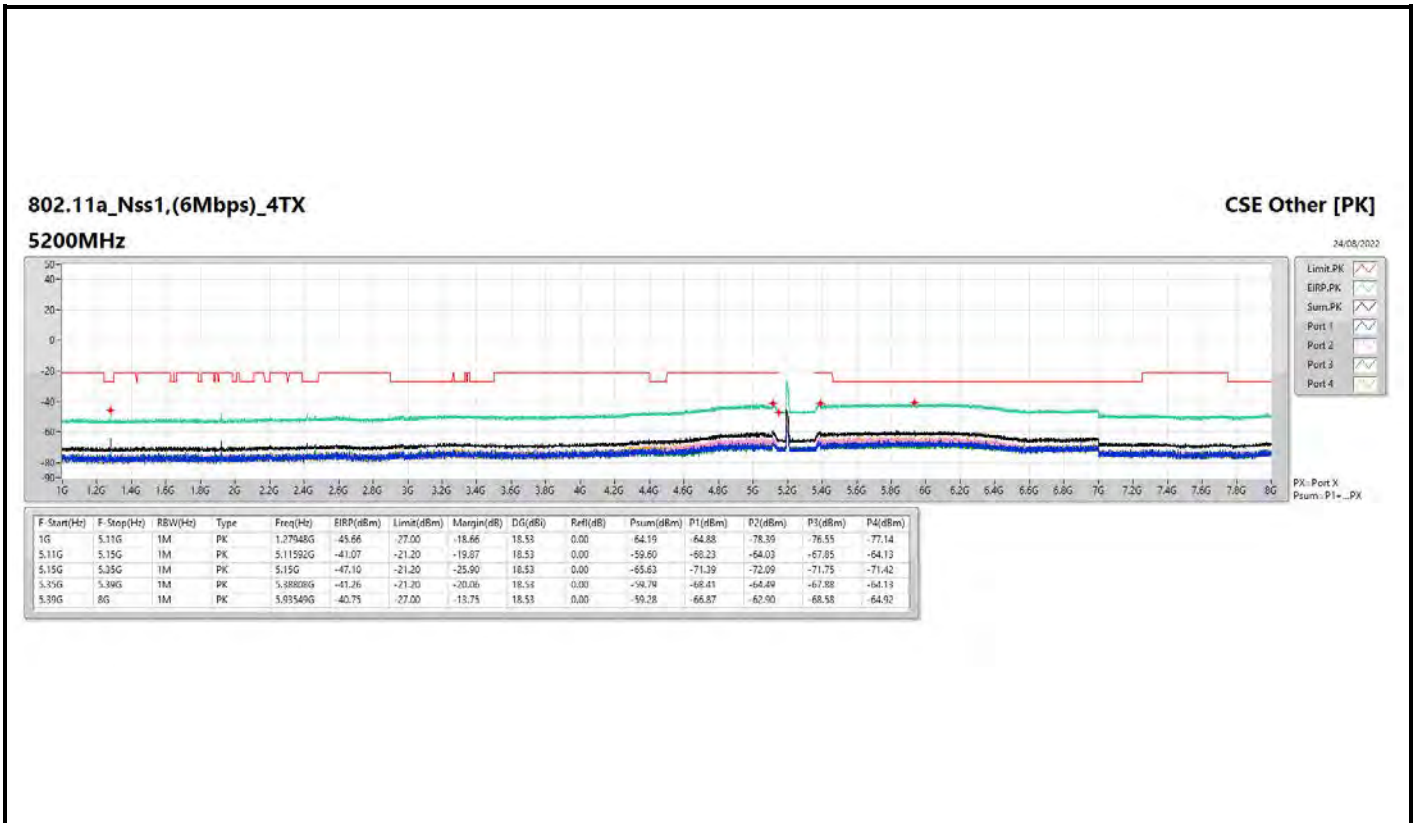


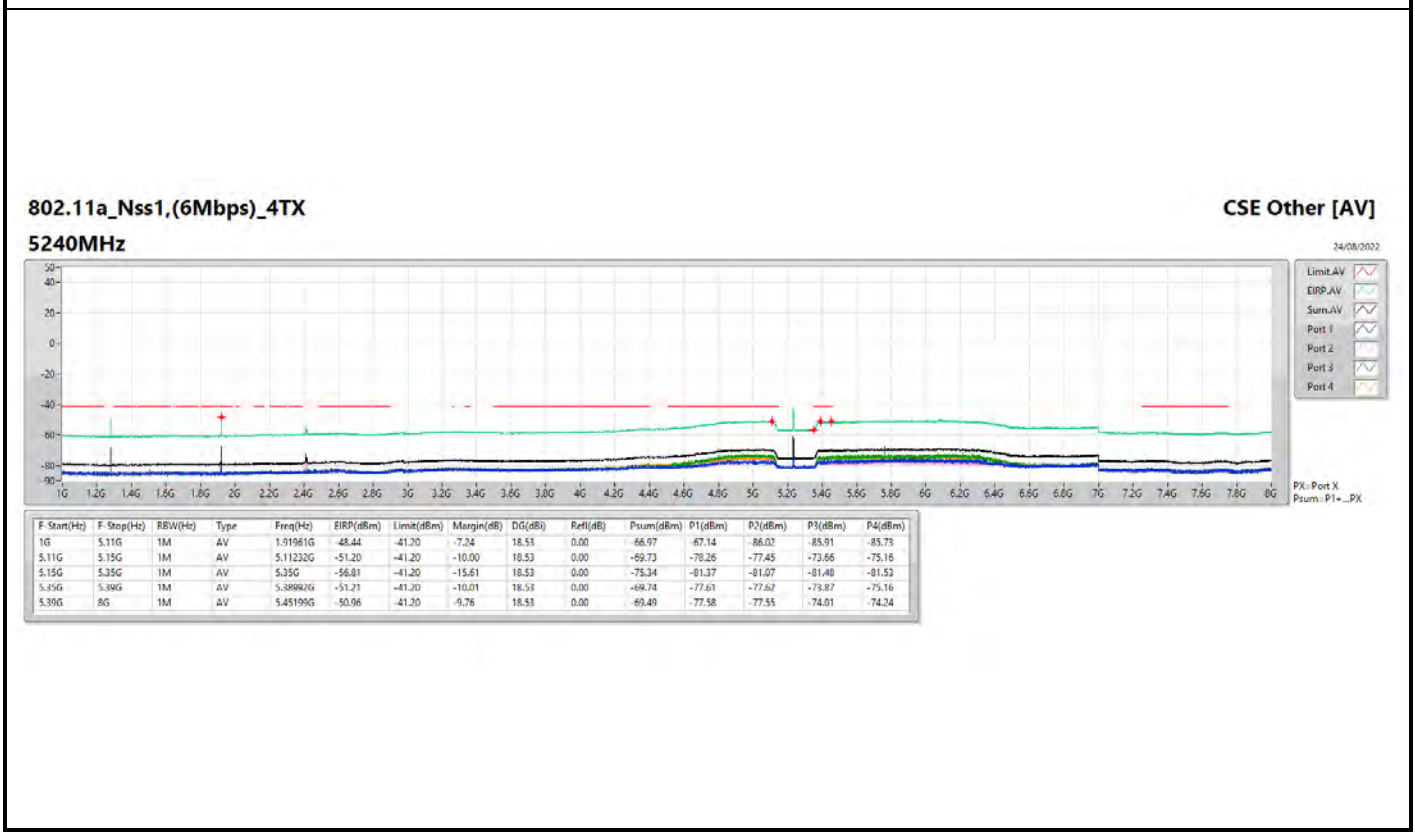
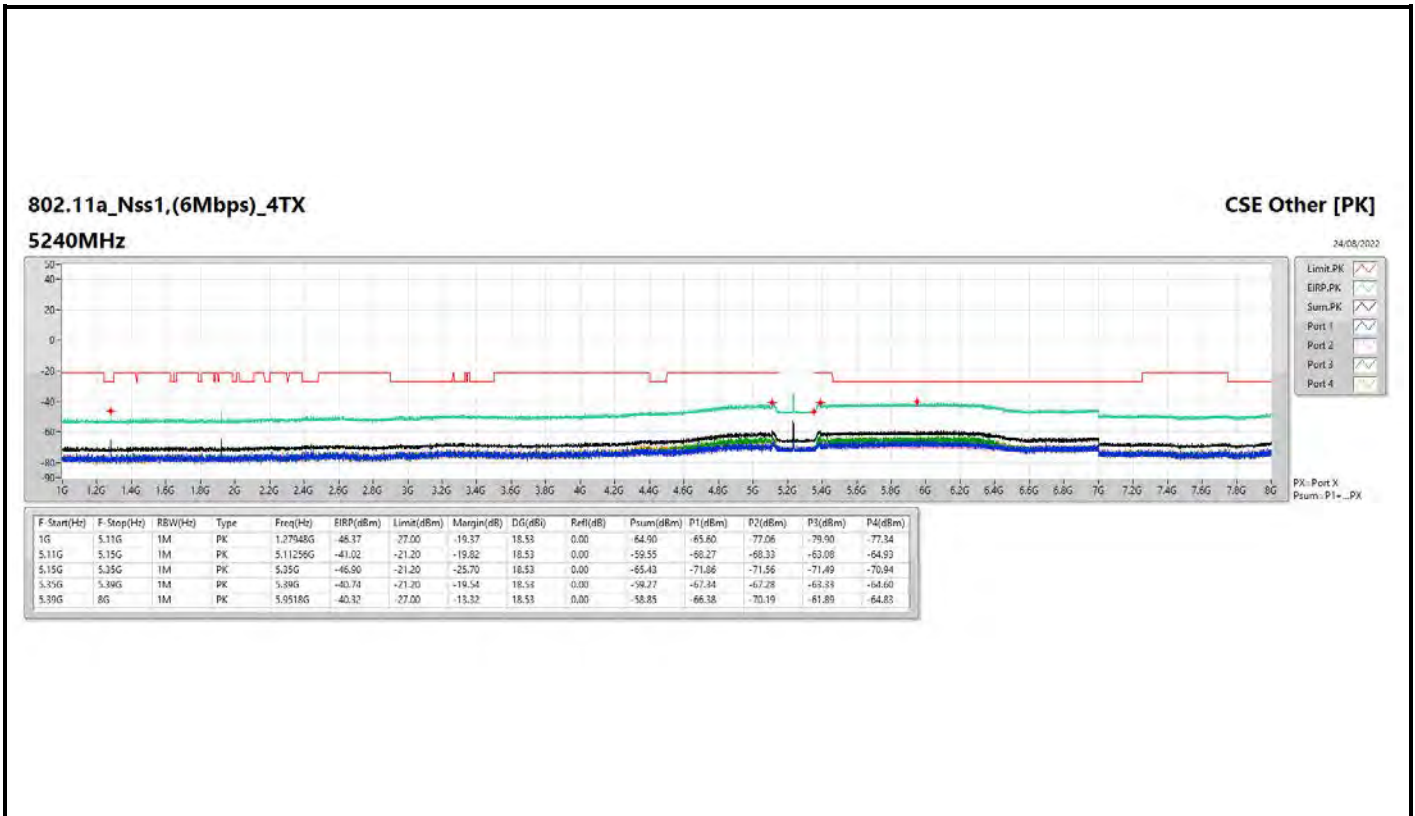




CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14



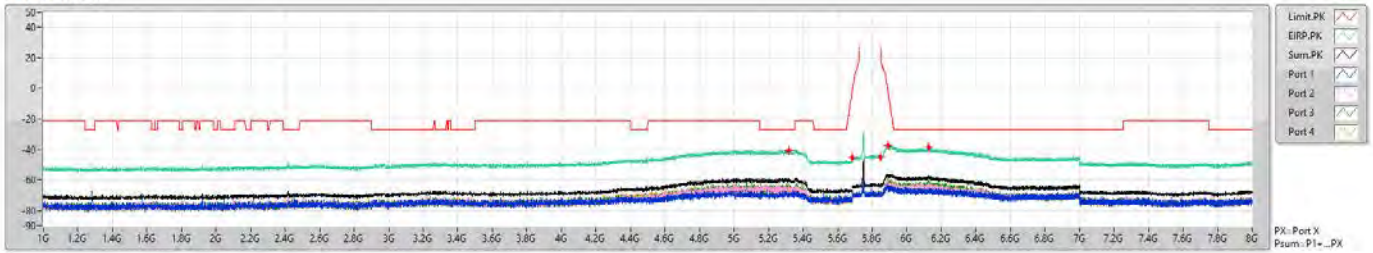




802.11a_Nss1,(6Mbps)_4TX
5745MHZ

CSE Other [PK]

24/08/2022

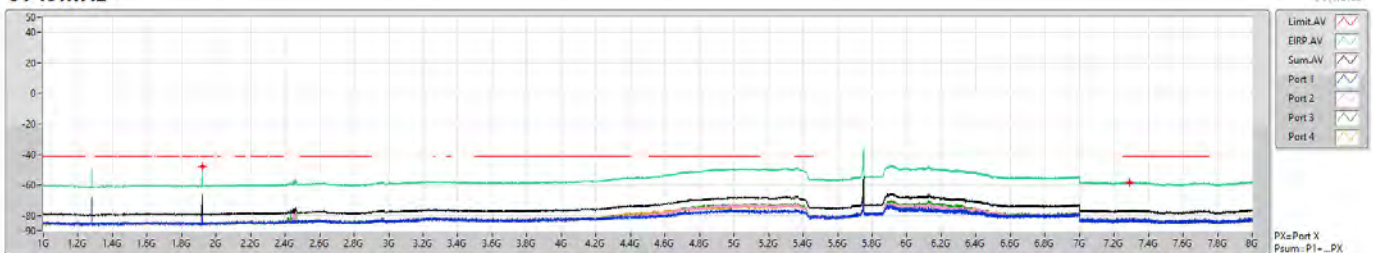


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	PK	5.3184G	-40.71	-27.00	-13.71	18.53	0.00	-99.34	-68.87	-63.11	-64.51	-66.59
5.685G	5.725G	1M	PK	5.6852G	-45.41	-27.00	-18.41	18.53	0.00	-63.04	-70.26	-69.20	-70.18	-70.32
5.725G	5.85G	1M	PK	5.85G	-45.34	-27.00	-18.34	18.53	0.00	-63.07	-70.29	-69.14	-70.17	-70.06
5.85G	5.89G	1M	PK	5.8942G	-37.53	-27.00	-10.53	18.53	0.00	-56.08	-65.01	-61.21	-61.12	-62.05
5.89G	8G	1M	PK	6.12606G	-38.55	-27.00	-11.55	18.53	0.00	-57.08	-67.06	-62.09	-61.07	-63.97

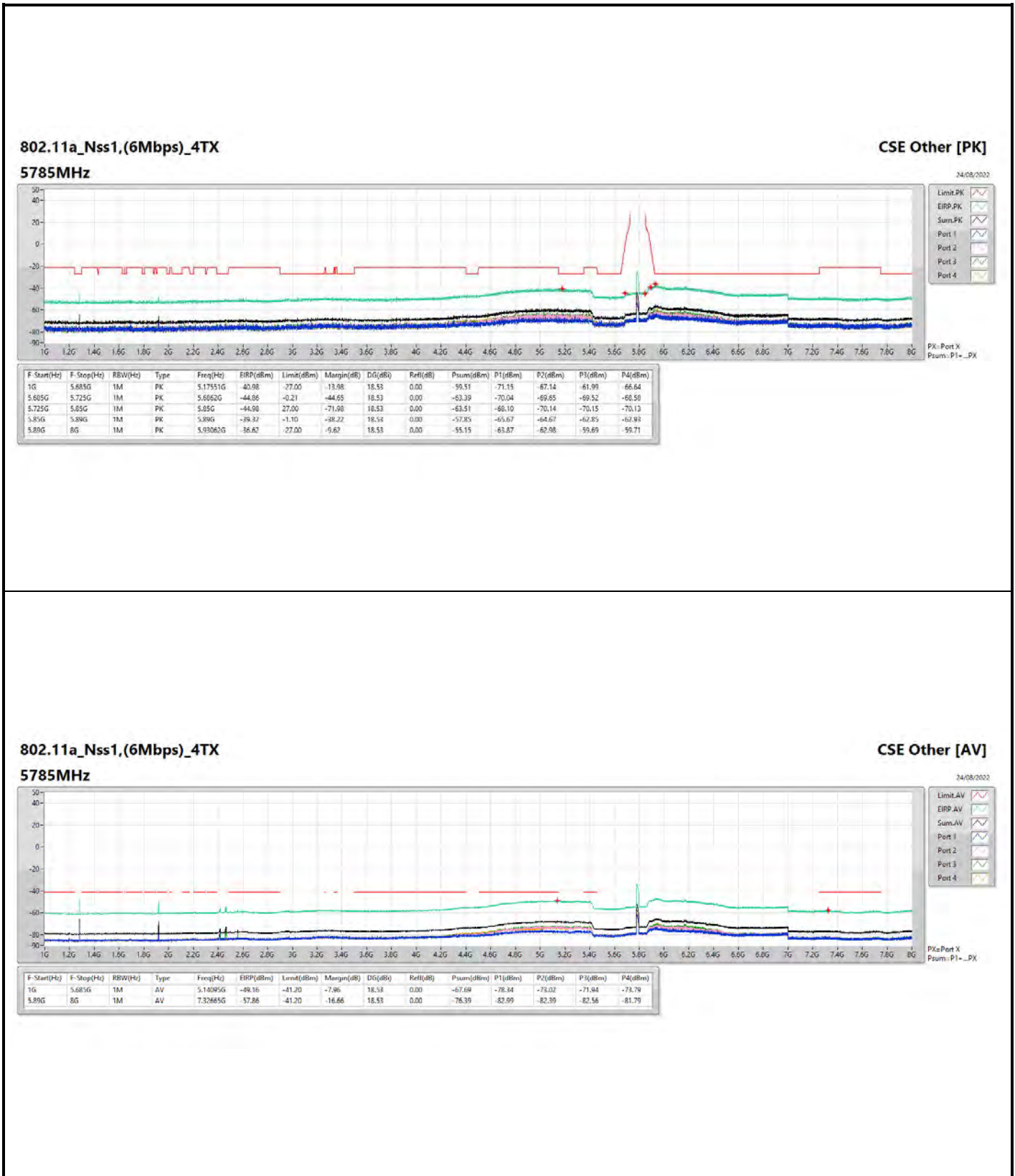
802.11a_Nss1,(6Mbps)_4TX
5745MHZ

CSE Other [AV]

24/08/2022



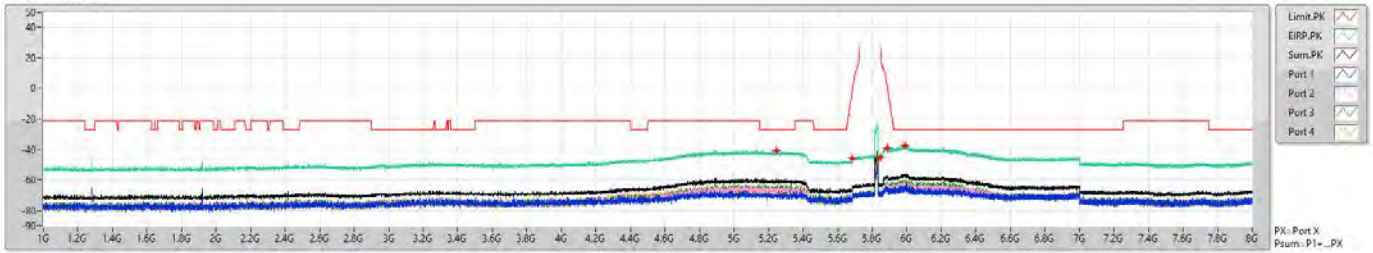
F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	AV	1.92002G	-48.10	-41.20	-6.90	18.53	0.00	-66.63	-66.81	-85.35	-85.45	-84.97
5.89G	8G	1M	AV	7.2913G	-58.02	-41.20	-16.82	18.53	0.00	-76.55	-82.16	-82.32	-83.31	-82.58



802.11a_Nss1,(6Mbps)_4TX
5825MHZ

CSE Other [PK]

24/08/2022

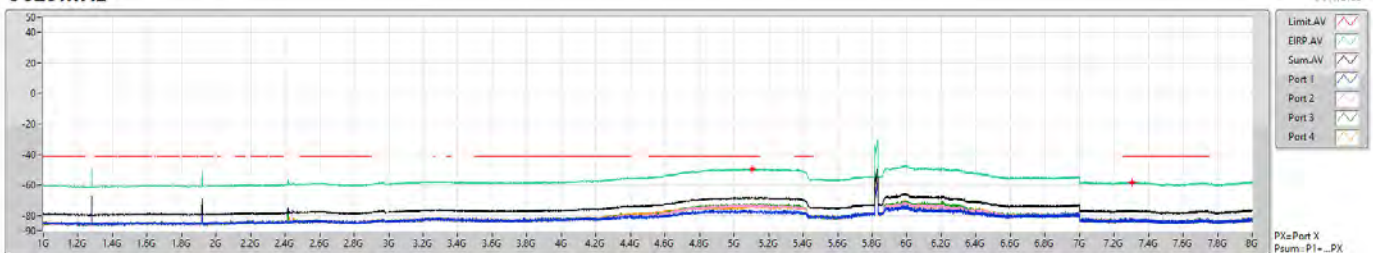


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	PK	5.34402G	-40.99	-37.00	-13.99	18.53	0.00	-99.52	-70.14	-65.56	-64.29	-64.57
5.685G	5.725G	1M	PK	5.69524G	-45.50	-0.92	-44.50	18.53	0.00	-64.03	-69.62	-69.19	-70.03	-71.45
5.725G	5.85G	1M	PK	5.85G	-45.20	27.00	-72.20	18.53	0.00	-63.73	-69.50	-69.20	-69.76	-70.59
5.85G	5.89G	1M	PK	5.8992G	-38.96	-0.51	-28.45	18.53	0.00	-57.49	-66.55	-64.45	-61.85	-62.60
5.89G	8G	1M	PK	5.98891G	-37.58	-27.00	-10.58	18.53	0.00	-56.11	-66.14	-60.92	-62.21	-60.99

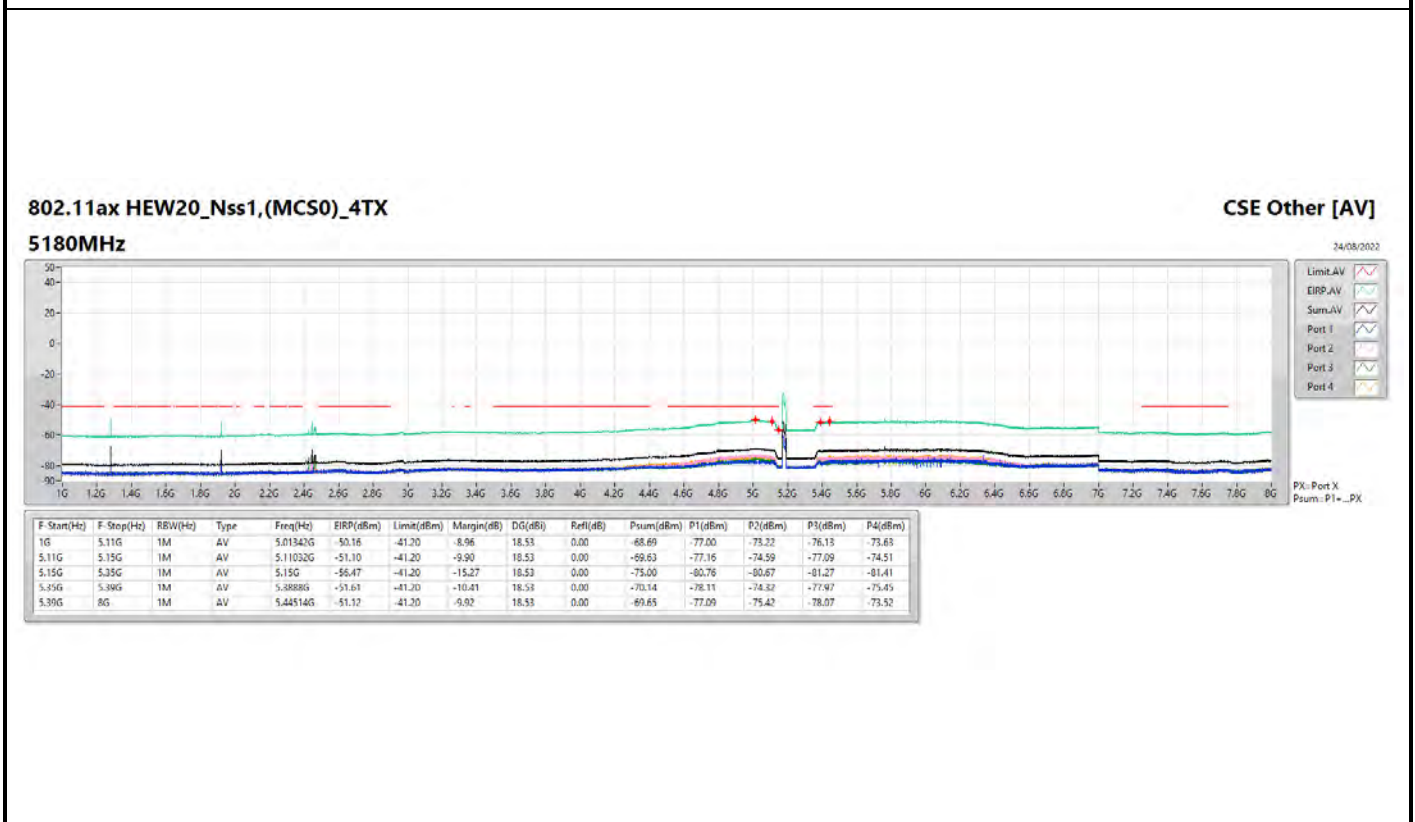
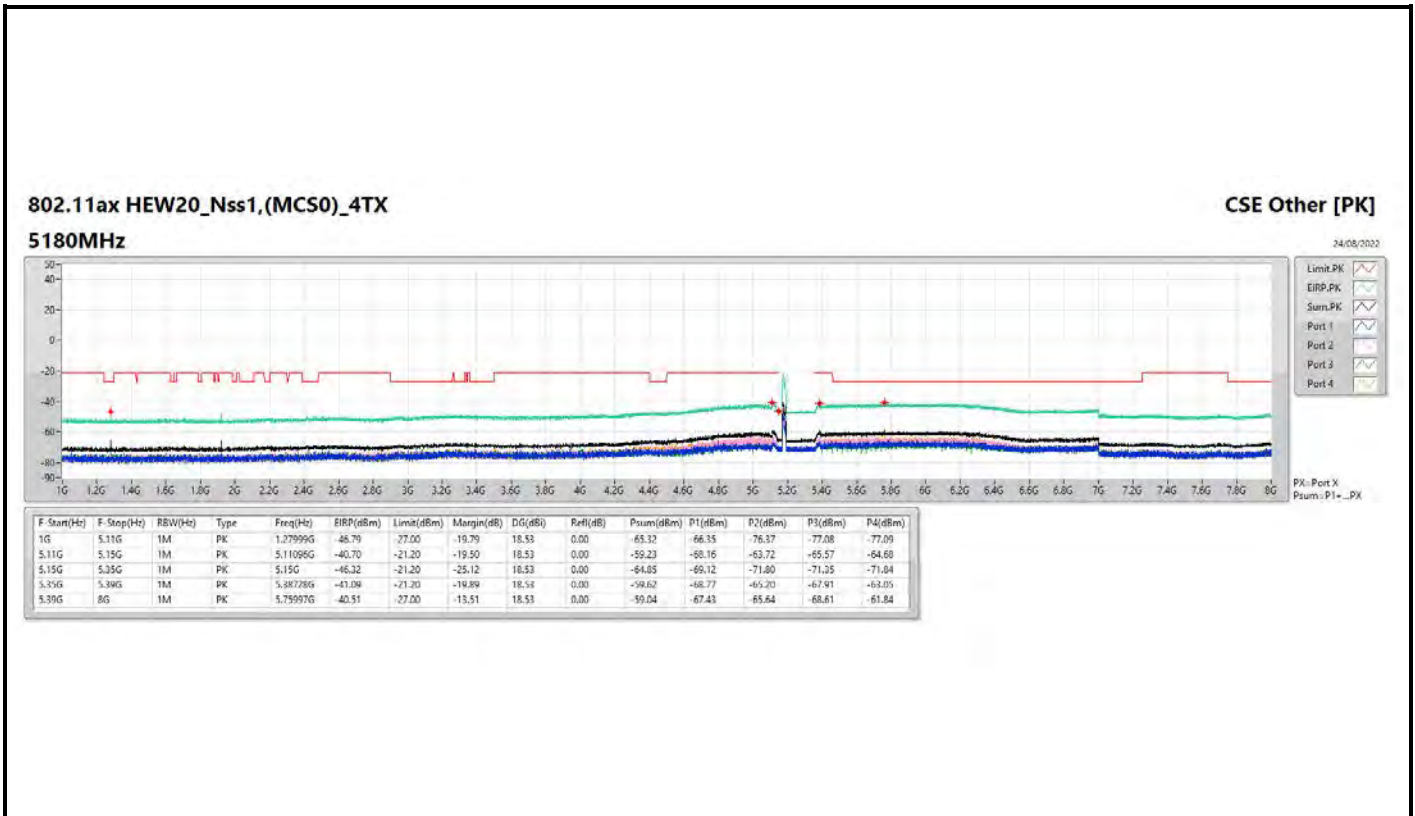
802.11a_Nss1,(6Mbps)_4TX
5825MHZ

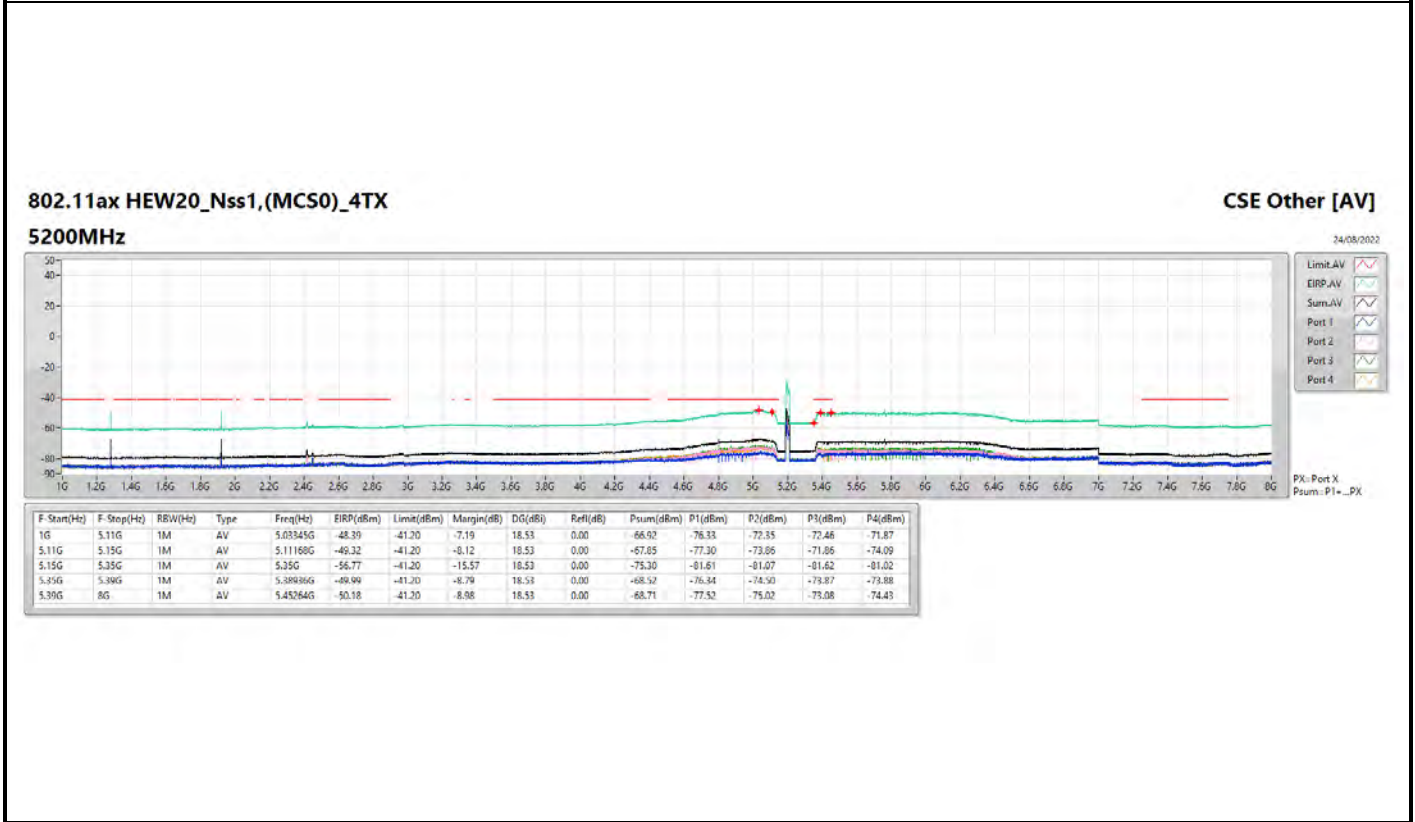
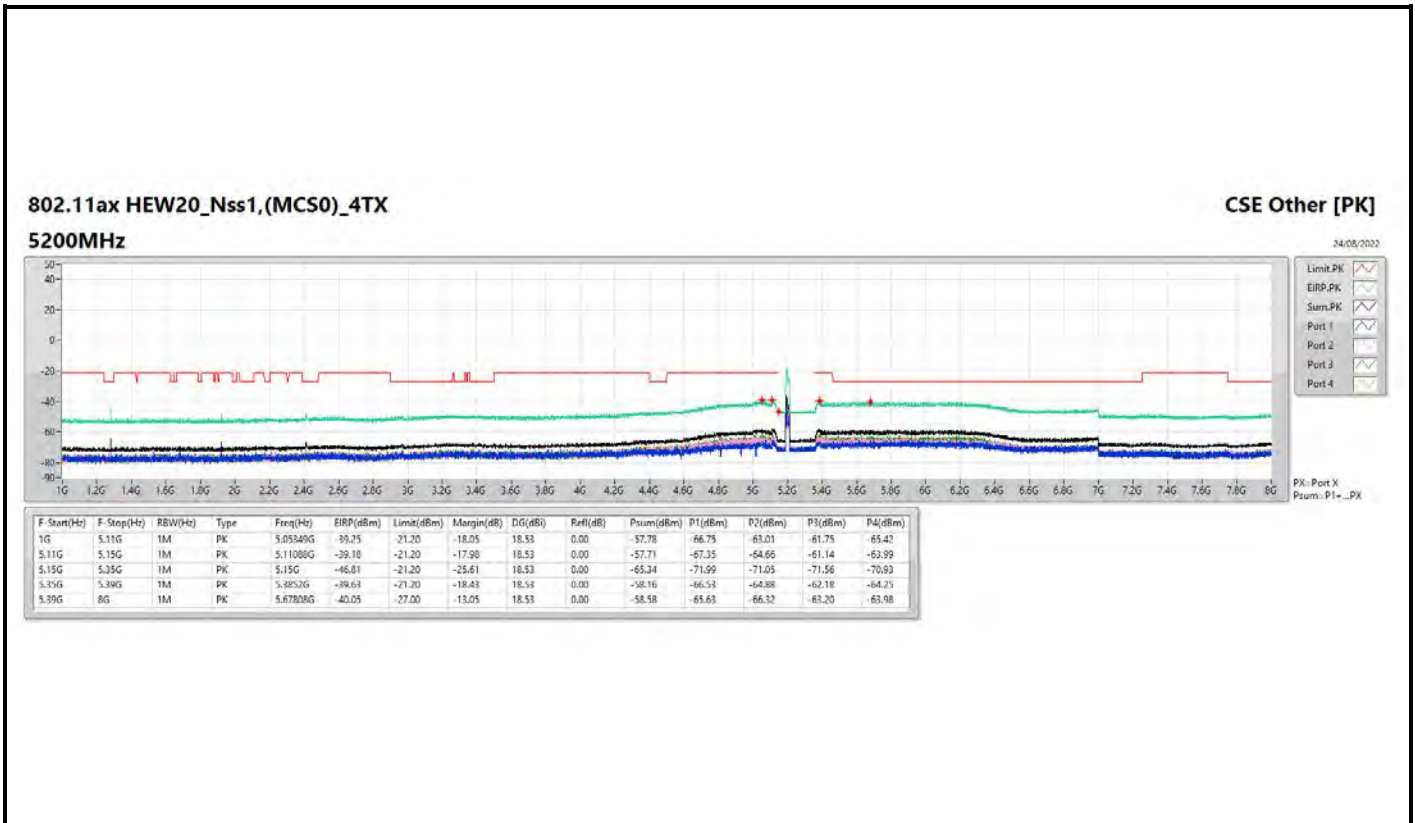
CSE Other [AV]

24/08/2022



F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	AV	5.10757G	-49.50	-41.20	-8.30	18.53	0.00	-68.03	-78.40	-72.45	-73.88	-73.51
5.685G	8G	1M	AV	7.30555G	-58.05	-41.20	-16.85	18.53	0.00	-76.58	-82.63	-83.06	-82.60	-82.17



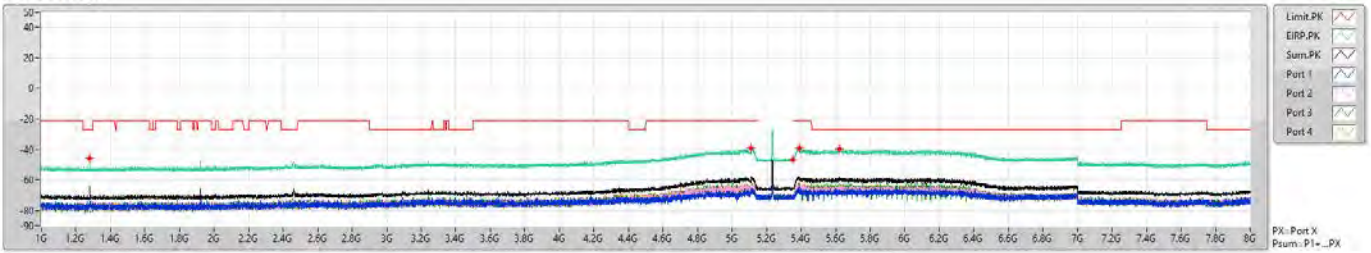




802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHZ

CSE Other [PK]

24/08/2022

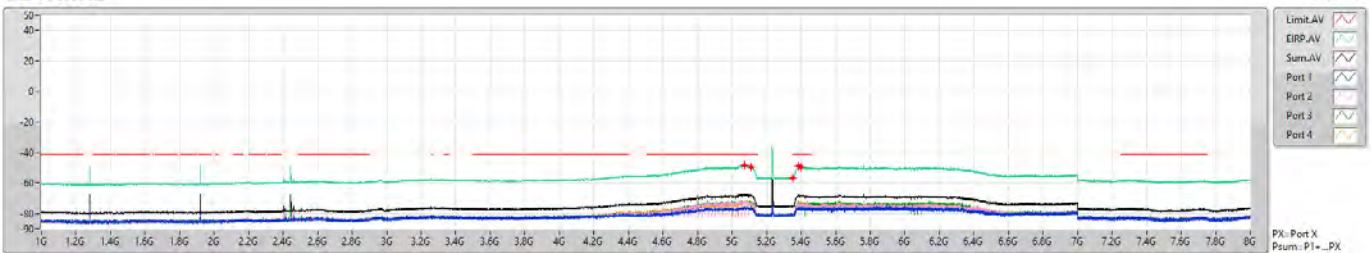


F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.11G	1M	PK	1.27999G	-45.71	-27.00	-18.71	18.53	0.00	64.34	-64.03	-77.49	-78.03	-78.58
5.11G	5.19G	1M	PK	5.11G	-39.27	-21.20	-18.07	18.53	0.00	-57.80	-56.08	-63.57	-63.44	-62.74
5.19G	5.35G	1M	PK	5.25G	-46.62	-21.20	-25.42	18.53	0.00	-65.15	-71.00	-70.01	-71.75	-70.47
5.35G	5.39G	1M	PK	5.38986G	-38.96	-21.20	-17.76	18.53	0.00	-57.09	-65.91	-63.24	-62.92	-62.68
5.39G	8G	1M	PK	5.62327G	-39.79	-27.00	-12.79	18.53	0.00	-58.32	-66.73	-62.20	-64.77	-65.25

802.11ax HEW20_Nss1,(MCS0)_4TX
5240MHZ

CSE Other [AV]

24/08/2022

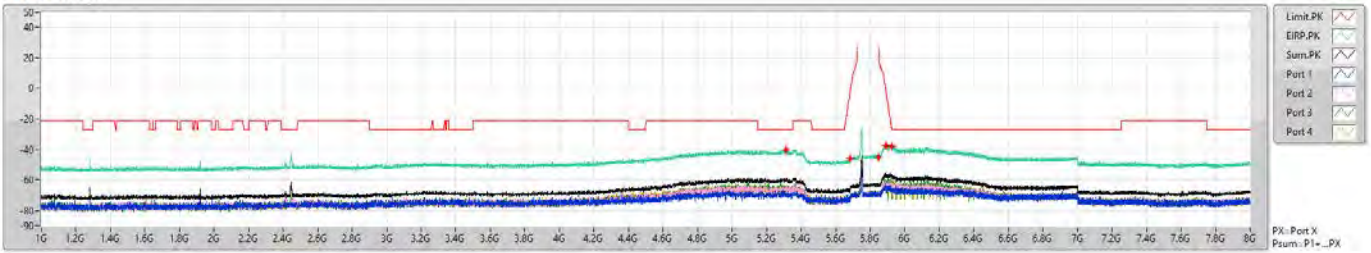


F Start(Hz)	F Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.11G	1M	AV	5.06941G	-48.64	-41.20	-7.44	18.53	0.00	-67.17	-76.32	-72.74	-72.72	-72.08
5.11G	5.19G	1M	AV	5.11184G	-49.28	-41.20	-8.08	18.53	0.00	-67.81	-76.93	-73.68	-72.29	-73.45
5.19G	5.35G	1M	AV	5.25G	-56.69	-41.20	-15.49	18.53	0.00	-75.22	-81.19	-81.51	-81.25	-81.02
5.35G	5.39G	1M	AV	5.38712G	-49.21	-41.20	-8.01	18.53	0.00	-67.74	-76.64	-74.12	-71.93	-73.61
5.39G	8G	1M	AV	5.39848G	-49.52	-41.20	-8.32	18.53	0.00	-68.05	-76.54	-75.65	-74.24	-72.71

802.11ax HEW20_Nss1,(MCS0)_4TX
5745MHZ

CSE Other [PK]

24/08/2022

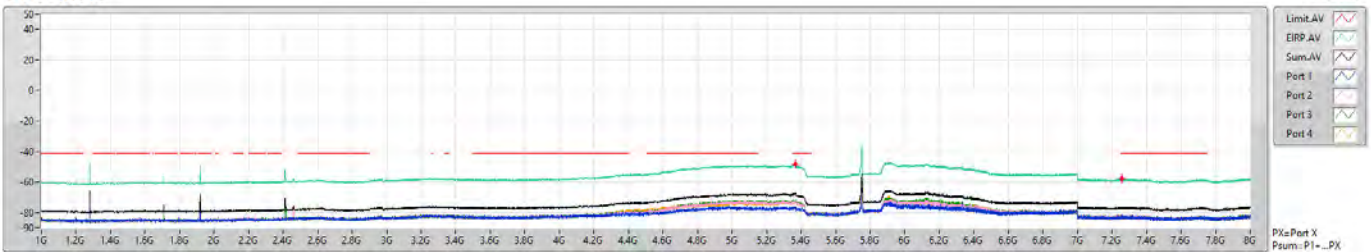


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	PK	5.3143G	-40.40	-27.00	-13.40	18.53	0.00	-58.93	-70.88	-83.03	-82.99	-66.99
5.685G	5.725G	1M	PK	5.68908G	-45.49	-1.04	-44.45	18.53	0.00	-64.02	-71.16	-69.52	-70.73	-69.07
5.725G	5.85G	1M	PK	5.85G	-45.04	27.00	-72.04	18.53	0.00	-63.57	-68.94	-69.96	-69.46	-70.12
5.85G	5.89G	1M	PK	5.8896G	-37.25	-0.80	-36.45	18.53	0.00	-55.78	-65.19	-61.92	-60.33	-61.13
5.89G	8G	1M	PK	5.92745G	-38.32	-27.00	-11.32	18.53	0.00	-56.85	-66.61	-63.50	-67.65	-60.66

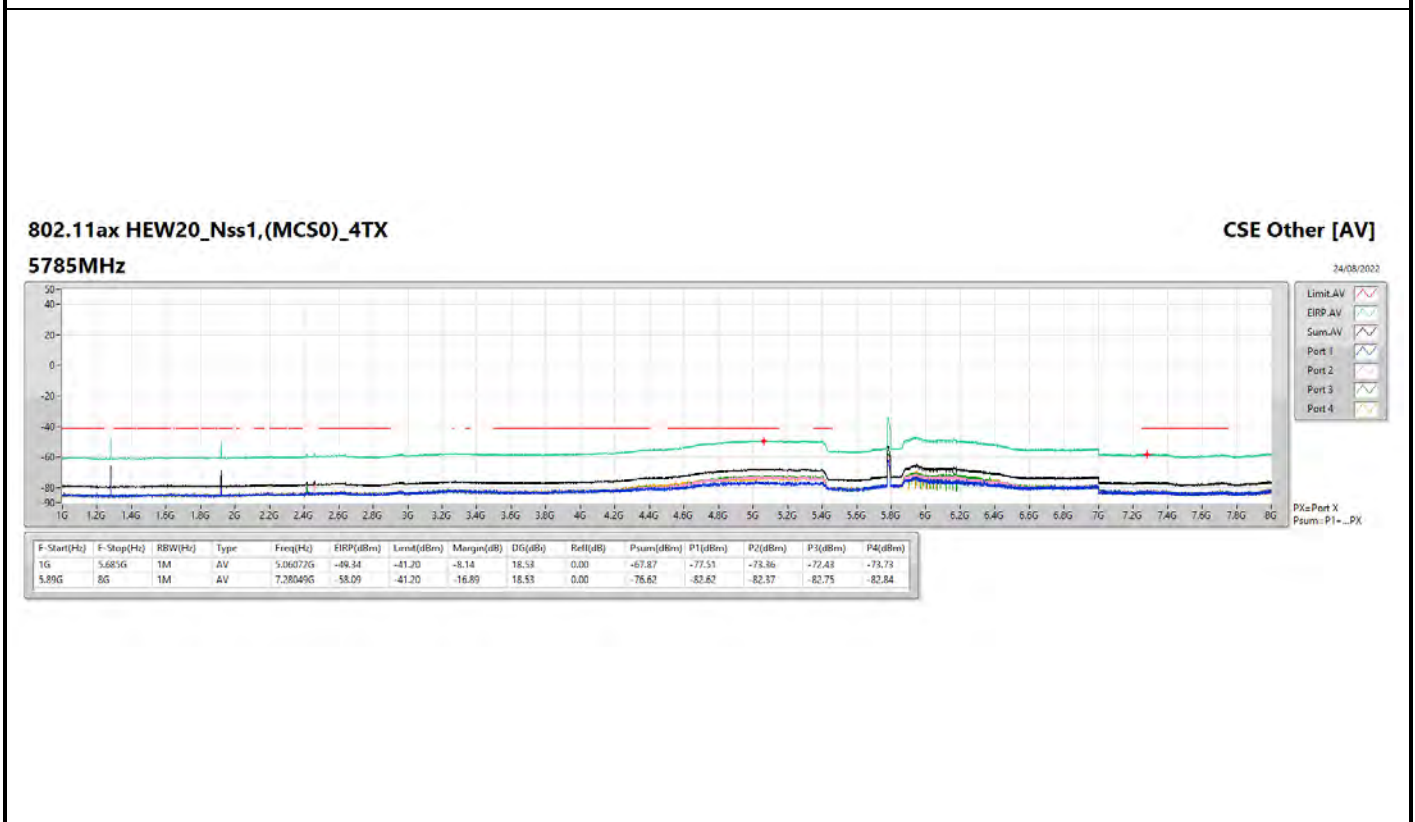
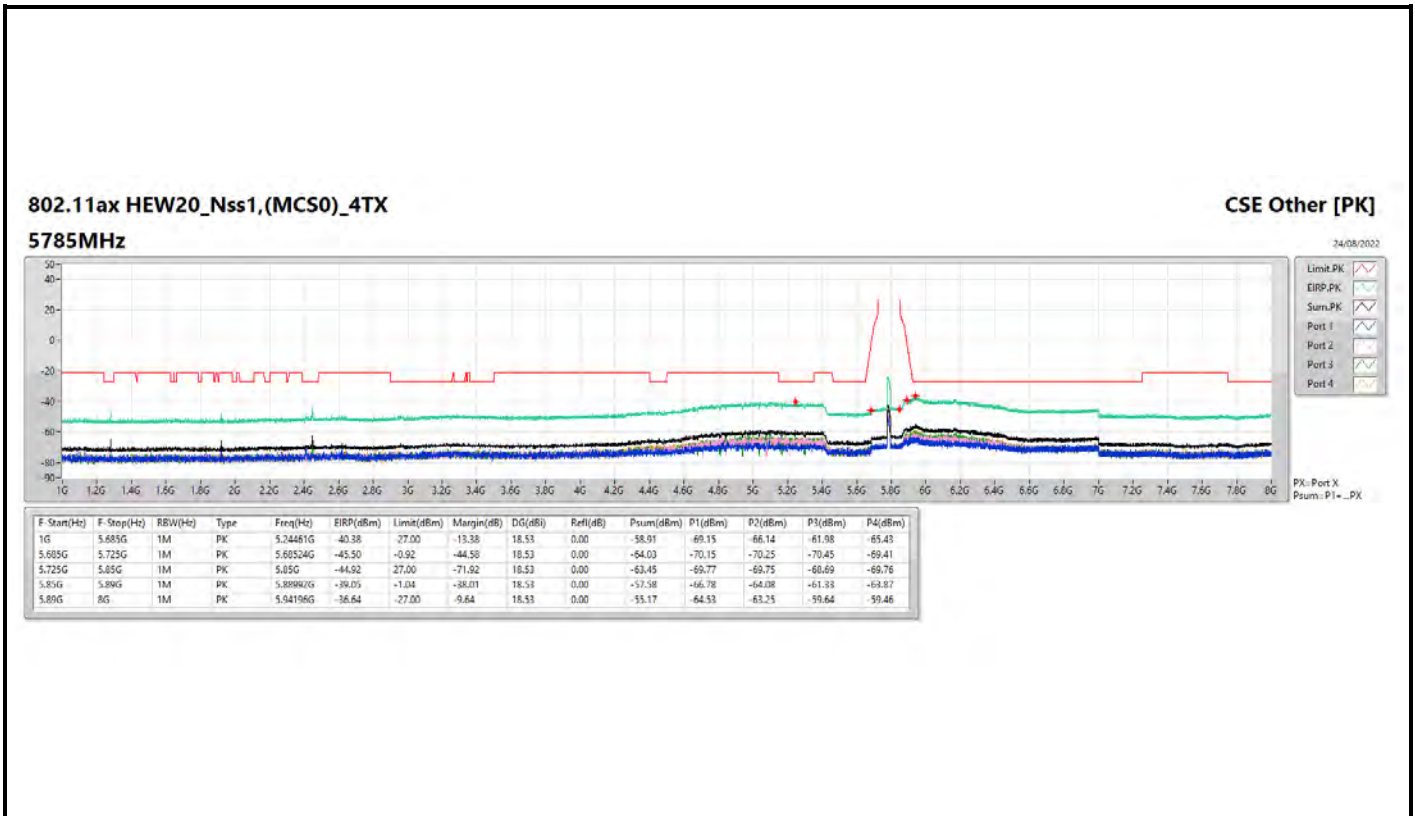
802.11ax HEW20_Nss1,(MCS0)_4TX
5745MHZ

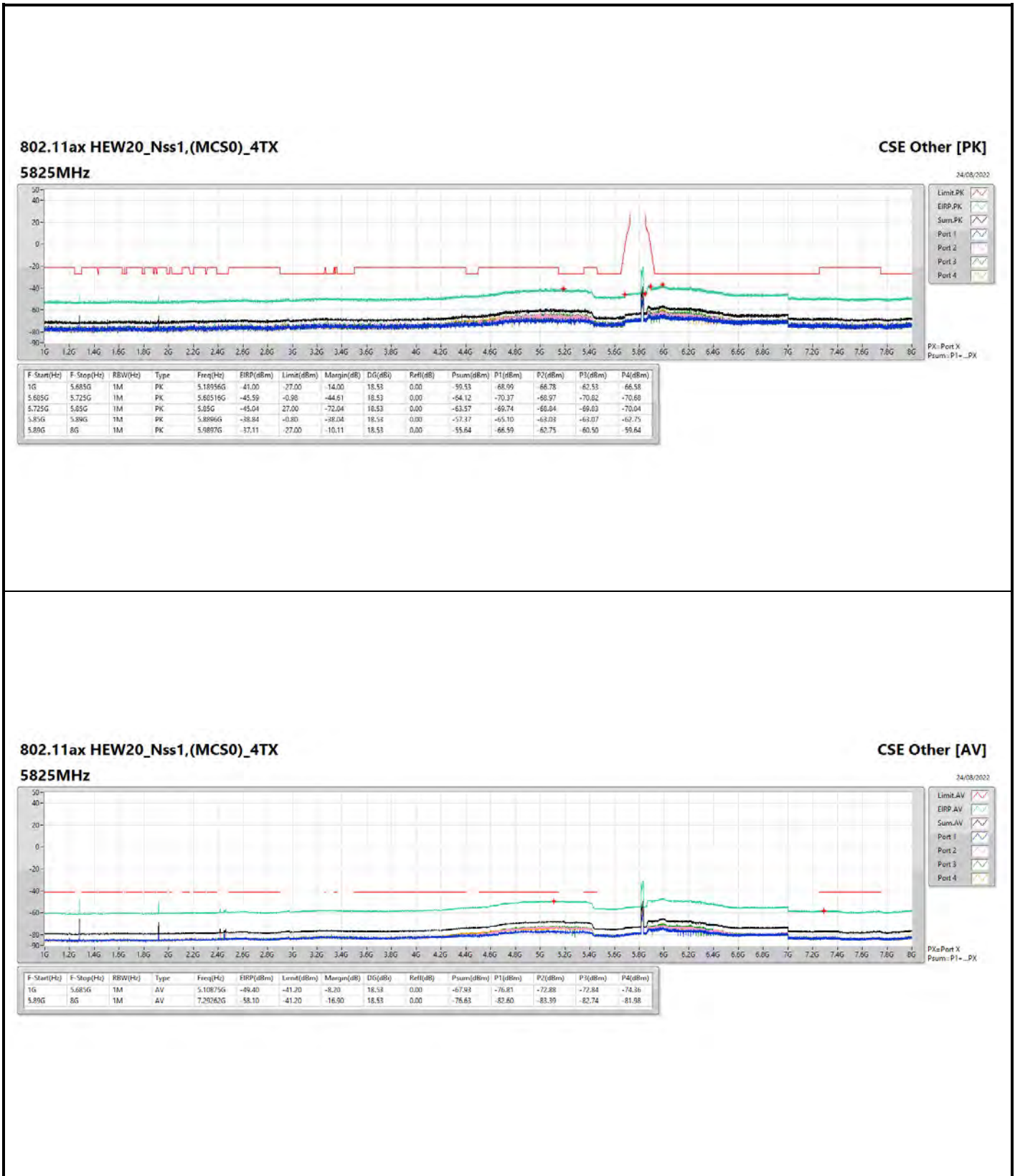
CSE Other [AV]

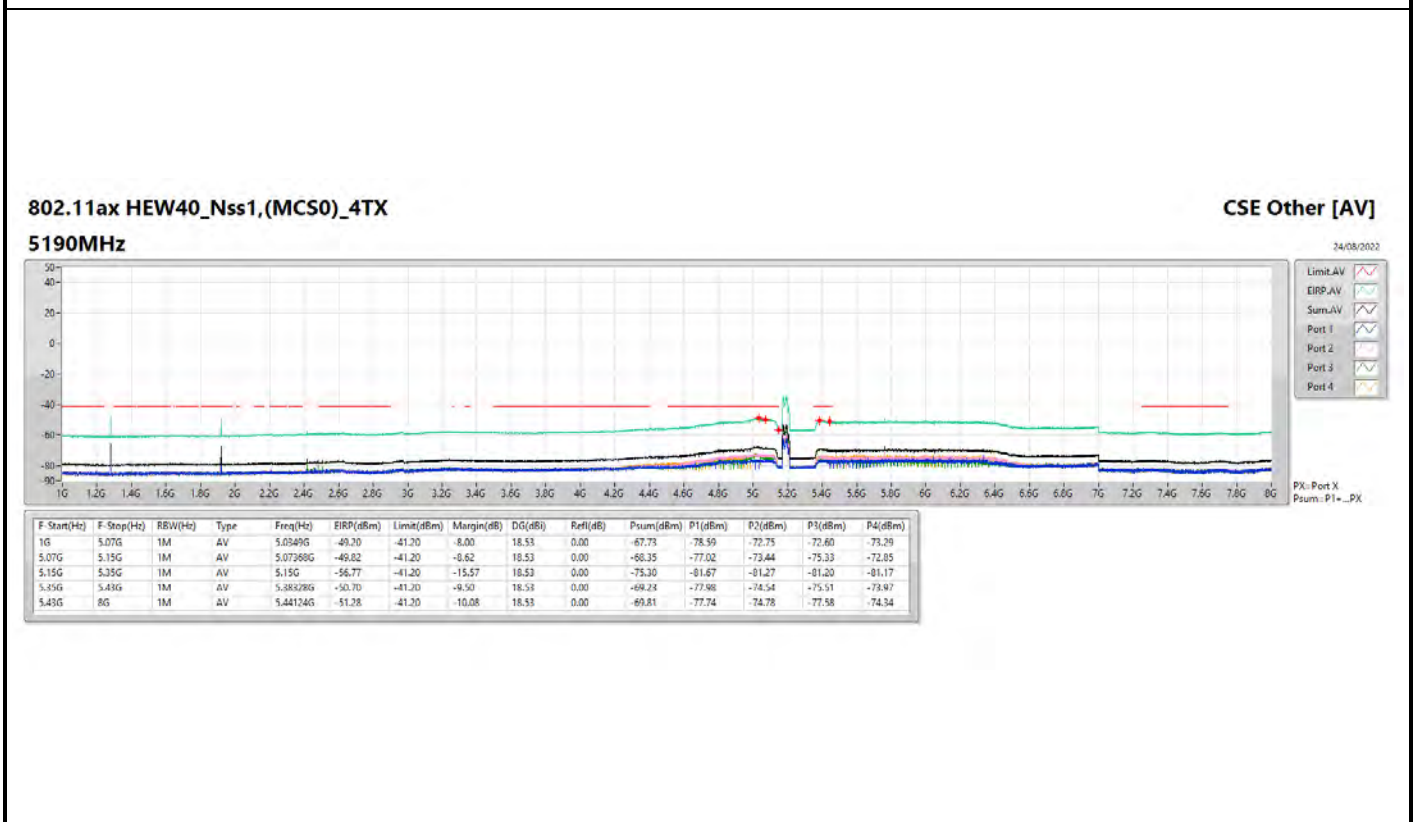
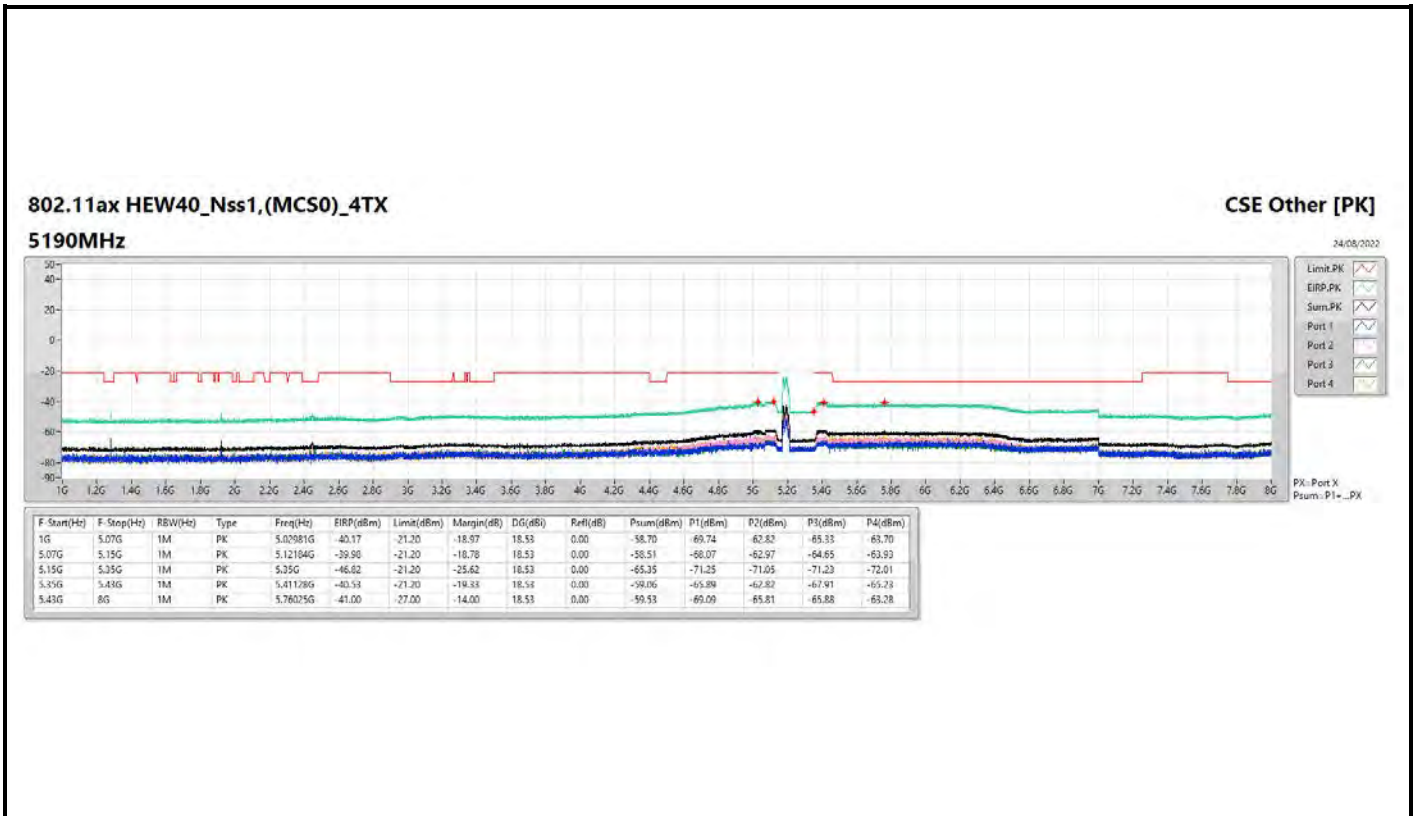
24/08/2022

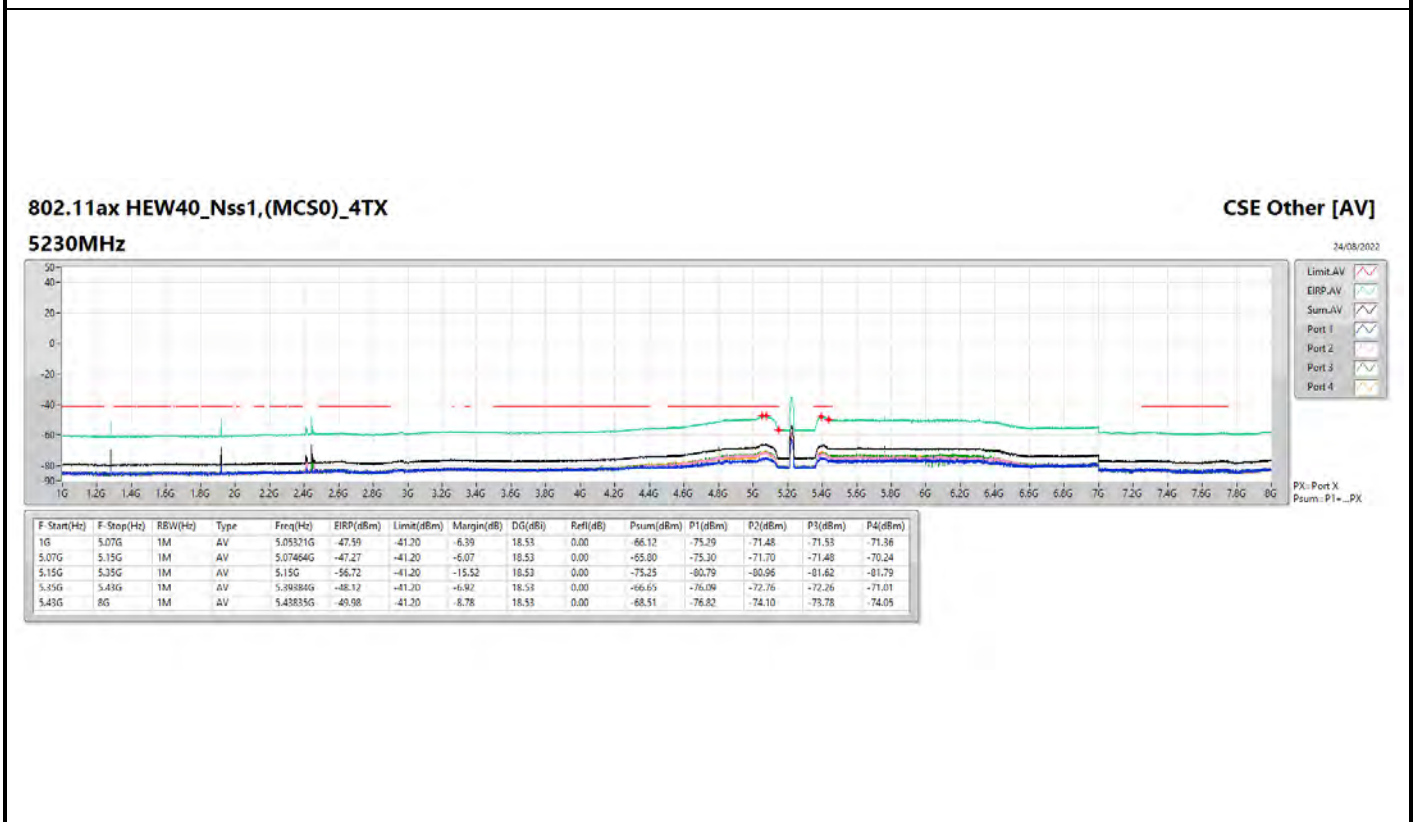
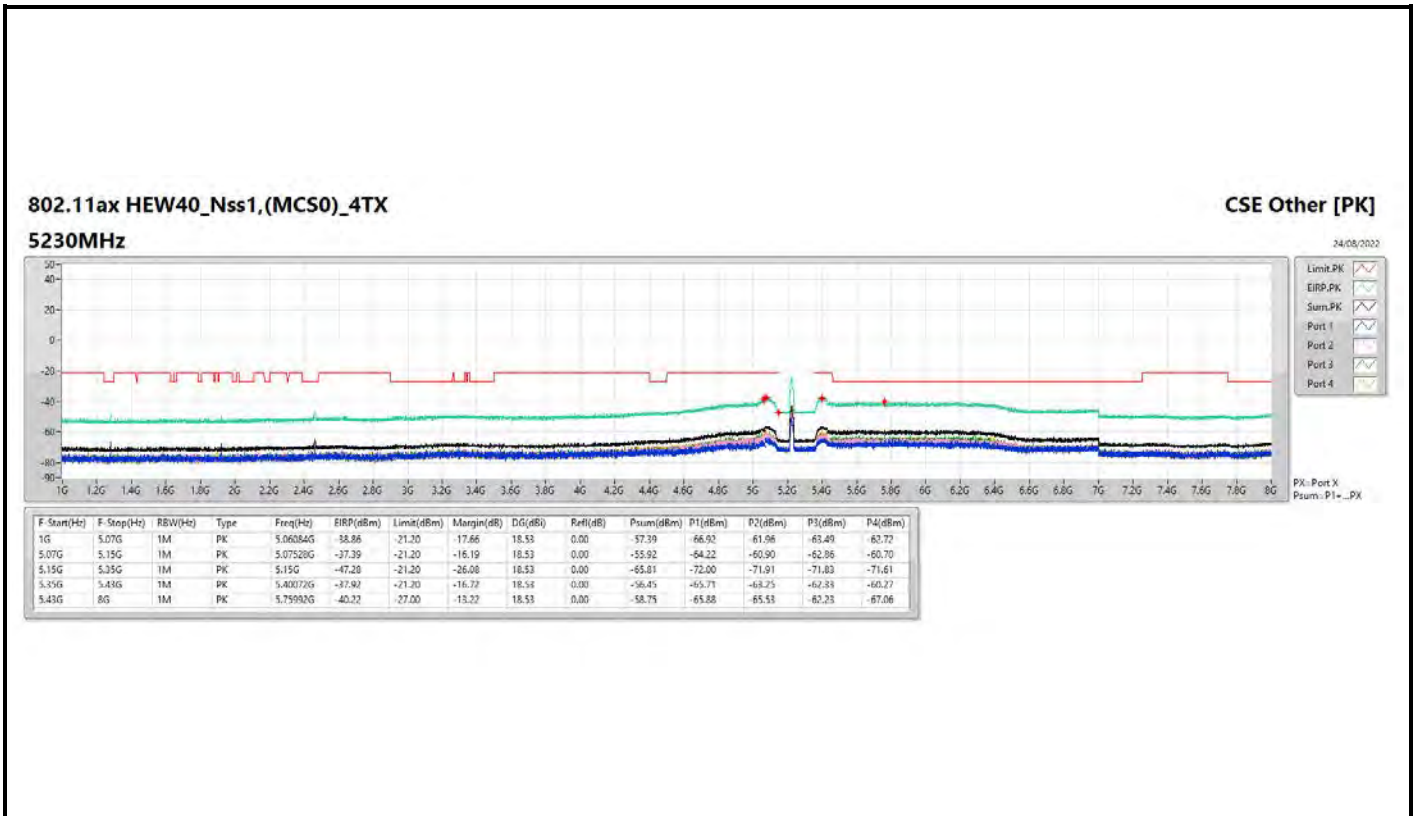


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.685G	1M	AV	5.36583G	-48.68	-41.20	-7.48	18.53	0.00	-67.21	-76.70	-73.78	-72.05	-72.28
5.685G	8G	1M	AV	7.25491G	-57.90	-41.20	-16.70	18.53	0.00	-76.43	-81.17	-83.65	-82.84	-82.52





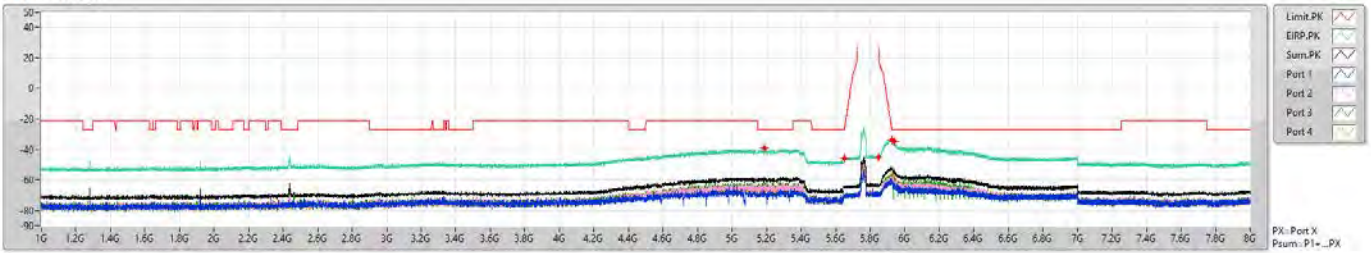




802.11ax HEW40_Nss1,(MCS0)_4TX
5755MHz

CSE Other [PK]

24/08/2022

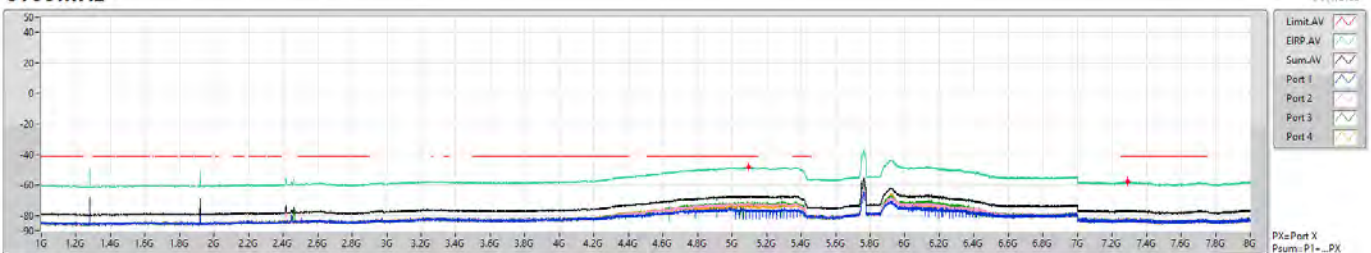


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.645G	1M	PK	5.18021G	-39.38	-27.00	-12.38	18.53	0.00	-57.91	-67.79	-65.01	-60.39	-66.52
5.645G	5.725G	1M	PK	5.64964G	-45.87	-27.00	-18.87	18.53	0.00	-64.40	-69.98	-69.53	-71.51	-70.82
5.725G	5.85G	1M	PK	5.85G	-45.19	-27.00	-18.19	18.53	0.00	-63.72	-69.54	-69.71	-69.26	-70.57
5.85G	5.93G	1M	PK	5.92904G	-33.60	-27.00	-6.60	18.53	0.00	-52.13	-60.91	-58.70	-57.44	-56.27
5.93G	8G	1M	PK	5.94087G	-35.02	-27.00	-8.02	18.53	0.00	-53.55	-62.31	-61.56	-56.92	-59.58

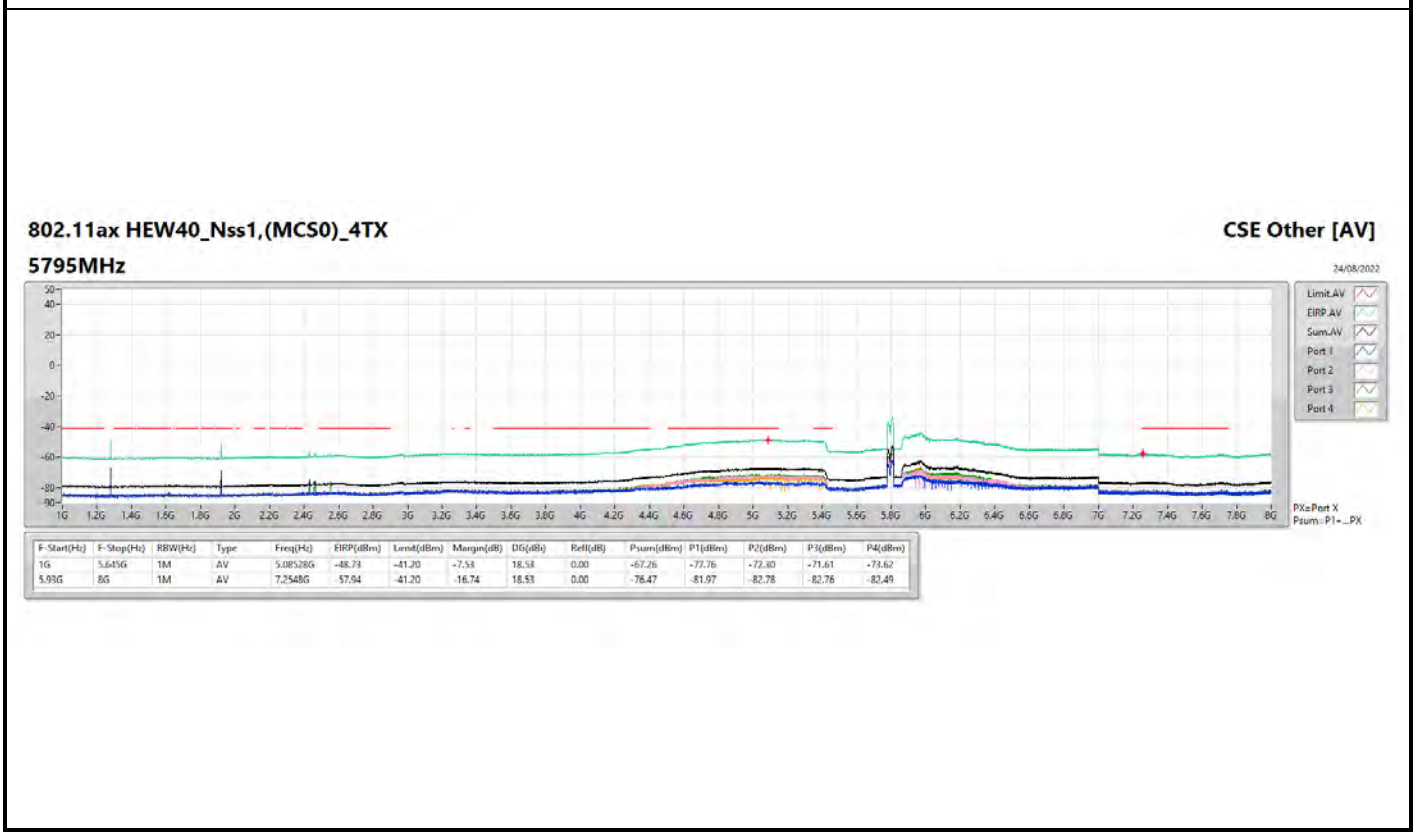
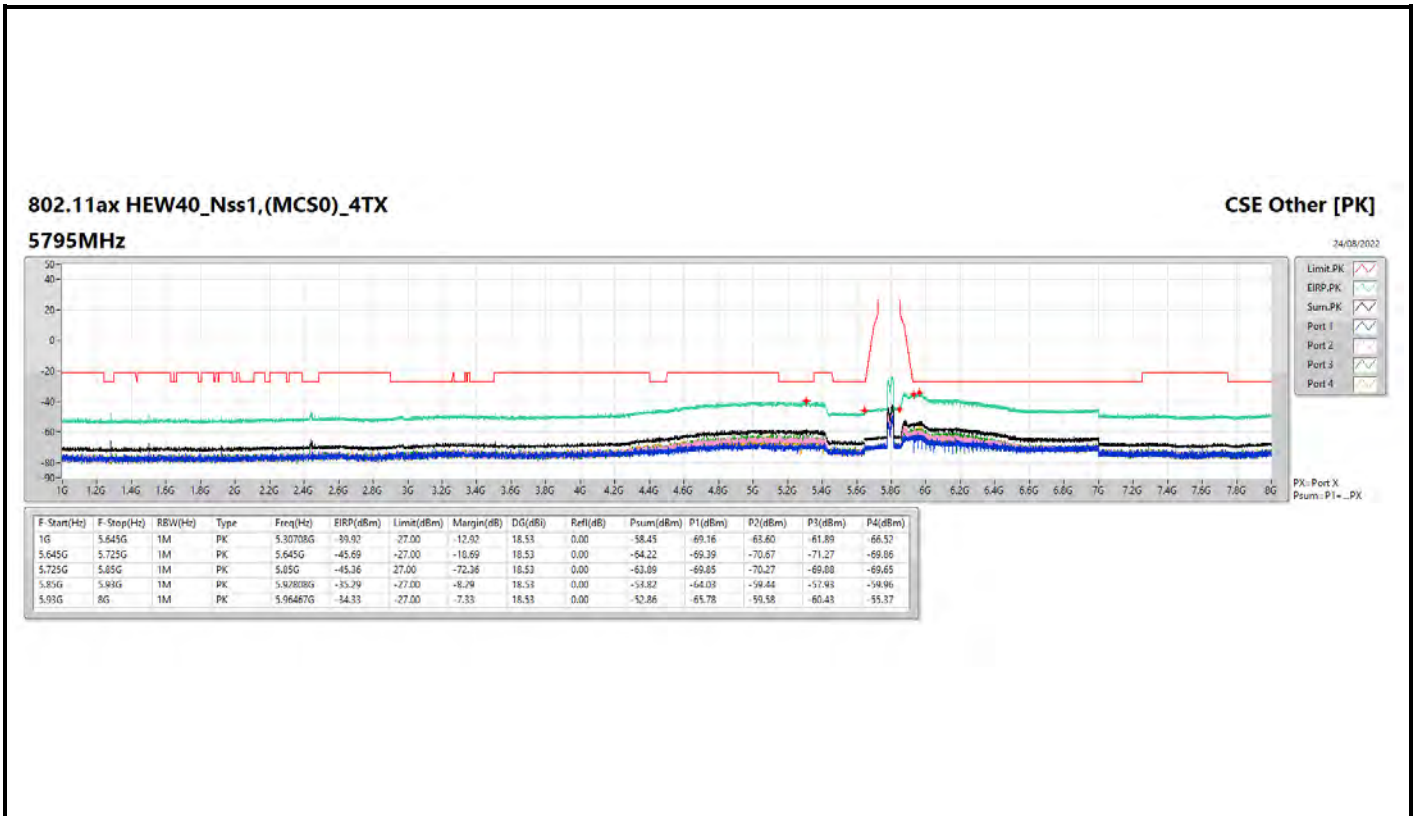
802.11ax HEW40_Nss1,(MCS0)_4TX
5755MHz

CSE Other [AV]

24/08/2022

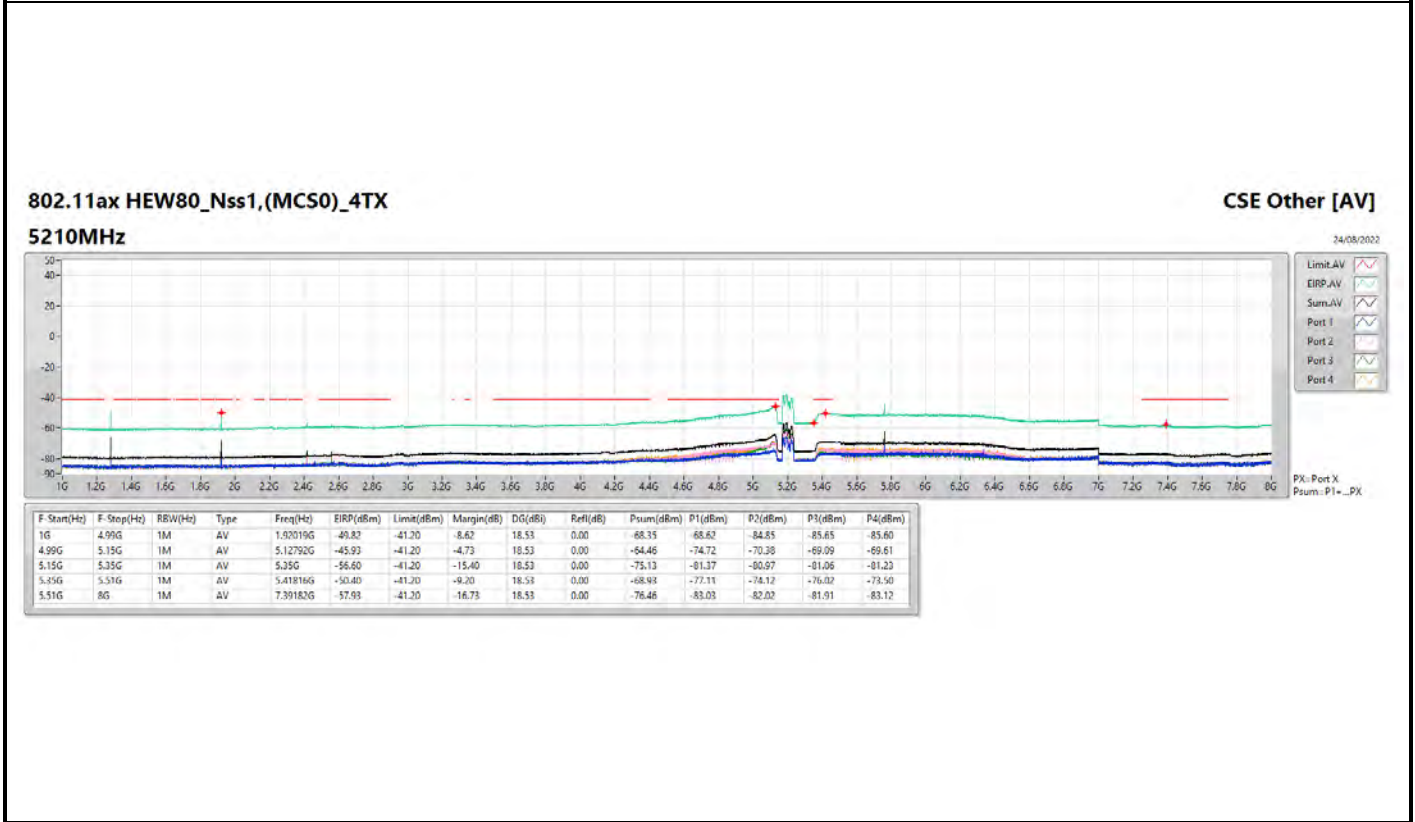
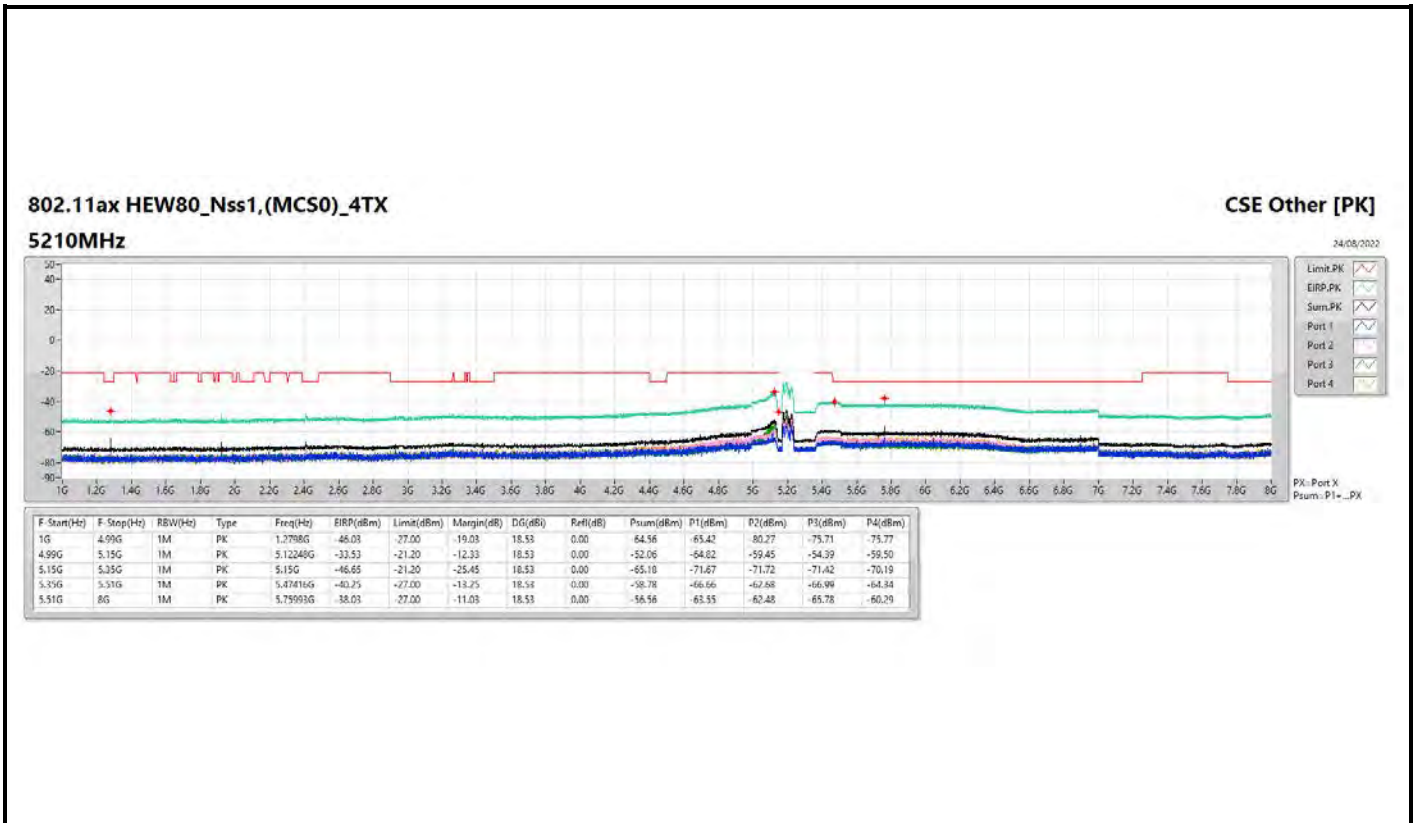


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.645G	1M	AV	5.09089G	-48.26	-41.20	-7.06	18.53	0.00	-66.79	-77.34	-71.28	-71.67	-73.17
5.645G	8G	1M	AV	7.38921G	-57.98	-41.20	-16.78	18.53	0.00	-76.51	-83.21	-82.54	-81.80	-82.41





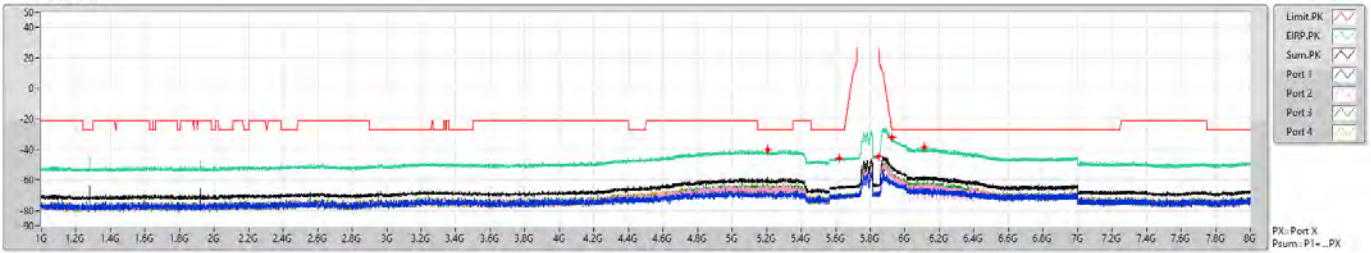
CSE_Pine R2_Antenna set 10 (Harmonic 1GHz ~ 8GHz)_P to M Appendix E.14



802.11ax HEW80_Nss1,(MCS0)_4TX
5775MHz

CSE Other [PK]

24/08/2022

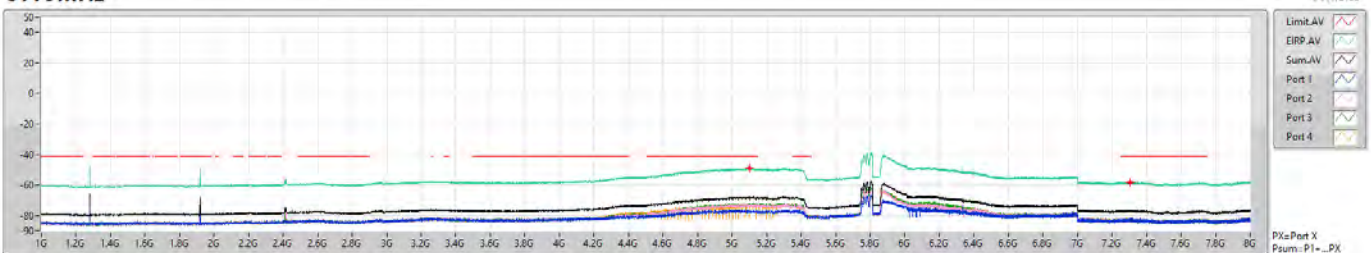


F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.565G	1M	PK	5.20665G	-39.09	-27.00	-12.99	18.53	0.00	-58.52	-70.22	-64.82	-60.82	-68.17
5.565G	5.725G	1M	PK	5.61972G	-45.57	-27.00	-18.57	18.53	0.00	-64.10	-68.74	-70.62	-70.33	-71.19
5.725G	5.85G	1M	PK	5.85G	-44.78	-27.00	-17.78	18.53	0.00	-63.31	-69.19	-69.20	-69.07	-69.00
5.85G	6.01G	1M	PK	5.92744G	-32.08	-27.00	-5.08	18.53	0.00	-50.61	-62.13	-54.75	-56.47	-56.05
6.01G	8G	1M	PK	6.11398G	-38.71	-27.00	-11.71	18.53	0.00	-57.24	-66.12	-62.42	-61.80	-63.85

802.11ax HEW80_Nss1,(MCS0)_4TX
5775MHz

CSE Other [AV]

24/08/2022



F_Start(Hz)	F_Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	5.565G	1M	AV	5.09994G	-69.13	-41.20	-27.95	18.53	0.00	-67.68	-76.86	-73.69	-71.96	-73.60
6.01G	8G	1M	AV	7.30745G	-58.05	-41.20	-16.85	18.53	0.00	-76.58	-81.87	-82.30	-83.10	-83.27



CSE_Pine R2_Antenna set 10 (Harmonic 8GHz ~ 40GHz)_P to M Appendix E.15

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	39.86G	18.53	-76.02				-76.02	-57.49	-41.20	-16.29
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.811G	18.53	-76.25				-76.25	-57.72	-41.20	-16.52
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8285G	18.53	-75.95				-75.95	-57.42	-41.20	-16.22
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8145G	18.53	-76.09				-76.09	-57.56	-41.20	-16.36
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	39.783G	18.53	-75.76	-76.76			-73.22	-54.69	-41.20	-13.49
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8075G	18.53	-75.89	-76.87			-73.34	-54.81	-41.20	-13.61
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.7935G	18.53	-76.67	-76.27			-73.46	-54.93	-41.20	-13.73
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.839G	18.53	-75.88	-77.13			-73.45	-54.92	-41.20	-13.72
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	39.8215G	18.53	-77.06	-75.43	-77.15	-76.17	-70.37	-51.84	-41.20	-10.64
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.35	-76.63	-76.60	-76.76	-70.56	-52.03	-41.20	-10.83
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.846G	18.53	-75.42	-76.55	-76.28	-76.98	-70.25	-51.72	-41.20	-10.52
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.846G	18.53	-76.45	-76.70	-76.54	-76.72	-70.58	-52.05	-41.20	-10.85
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	12G	40G	AV	39.818G	18.53	-76.10				-76.10	-57.57	-41.20	-16.37
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.783G	18.53	-75.97				-75.97	-57.44	-41.20	-16.24
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.8145G	18.53	-76.06				-76.06	-57.53	-41.20	-16.33
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	12G	40G	AV	39.818G	18.53	-76.48				-76.48	-57.95	-41.20	-16.75
802.11a_Nss1,(6Mbps)_2TX	Pass	12G	40G	AV	39.804G	18.53	-76.47	-76.53			-73.49	-54.96	-41.20	-13.76
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8145G	18.53	-76.29	-76.23			-73.25	-54.72	-41.20	-13.52
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.8005G	18.53	-76.12	-76.79			-73.43	-54.90	-41.20	-13.70
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	12G	40G	AV	39.839G	18.53	-76.18	-76.19			-73.17	-54.64	-41.20	-13.44
802.11a_Nss1,(6Mbps)_4TX	Pass	12G	40G	AV	39.776G	18.53	-76.82	-76.77	-77.04	-75.80	-70.56	-52.03	-41.20	-10.83
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.8285G	18.53	-75.68	-76.77	-76.90	-76.70	-70.46	-51.93	-41.20	-10.73
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.50	-75.78	-76.72	-76.15	-70.25	-51.72	-41.20	-10.52
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	12G	40G	AV	39.804G	18.53	-76.51	-76.39	-76.13	-77.03	-70.48	-51.95	-41.20	-10.75

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

