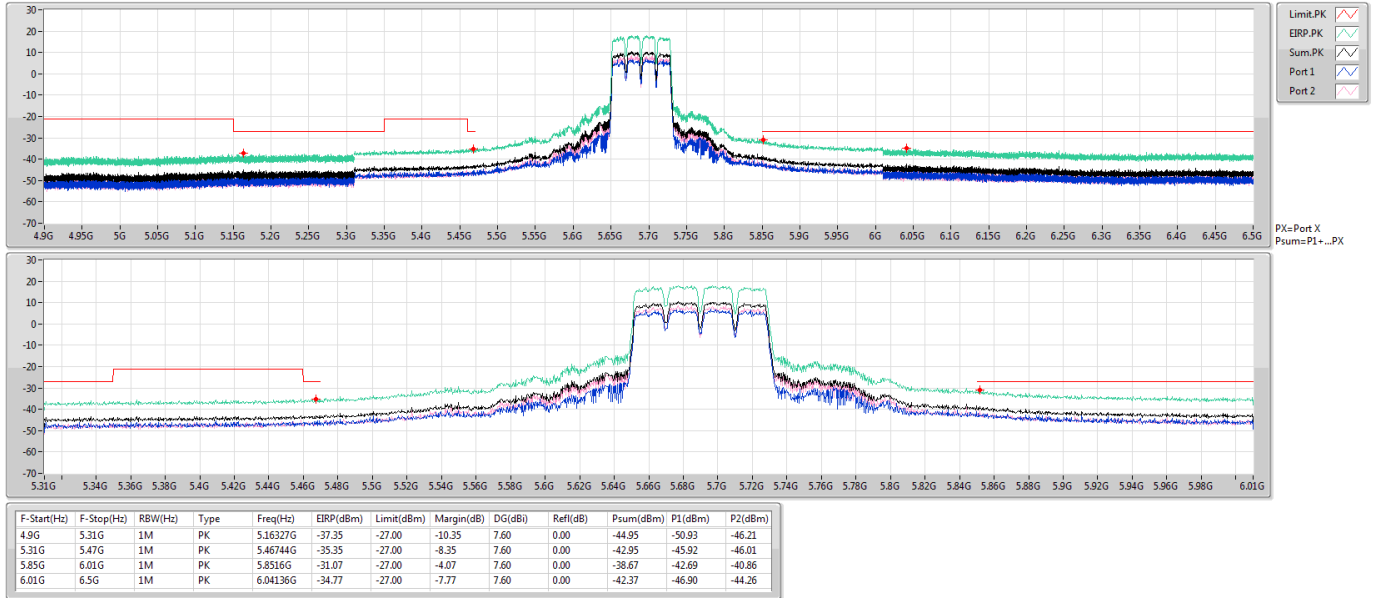


11a80_Nss1,(6Mbps)_2TX

5690MHz Straddle 5.47-5.725GHz

CSE-PK

06/03/2020

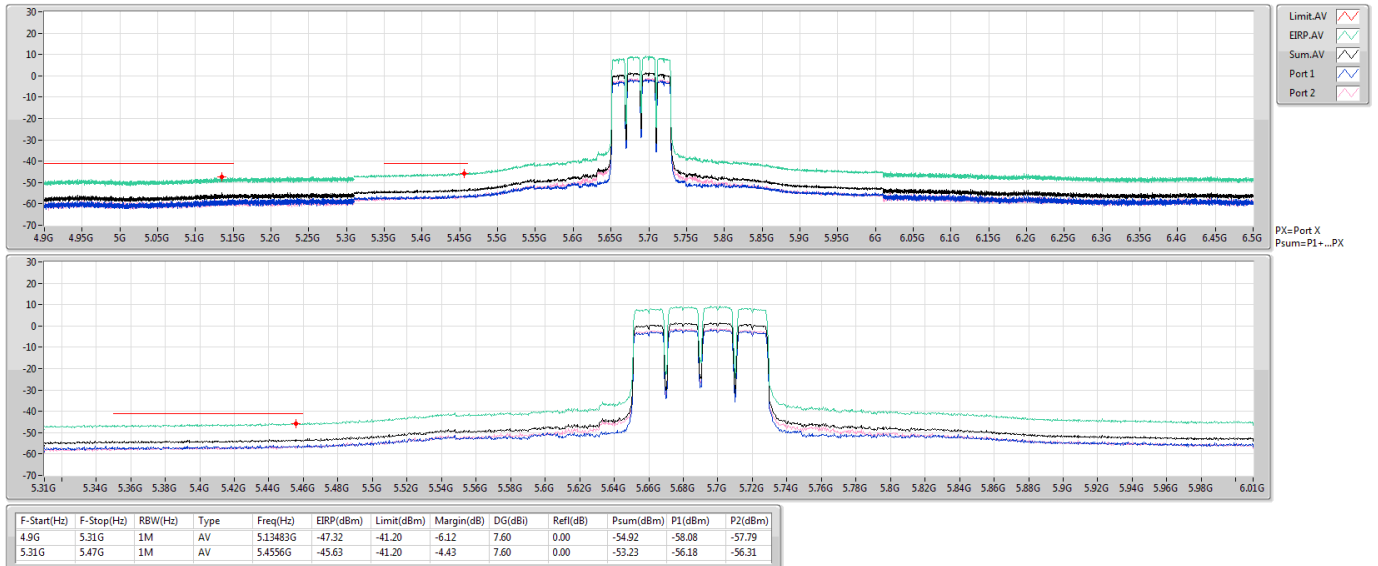


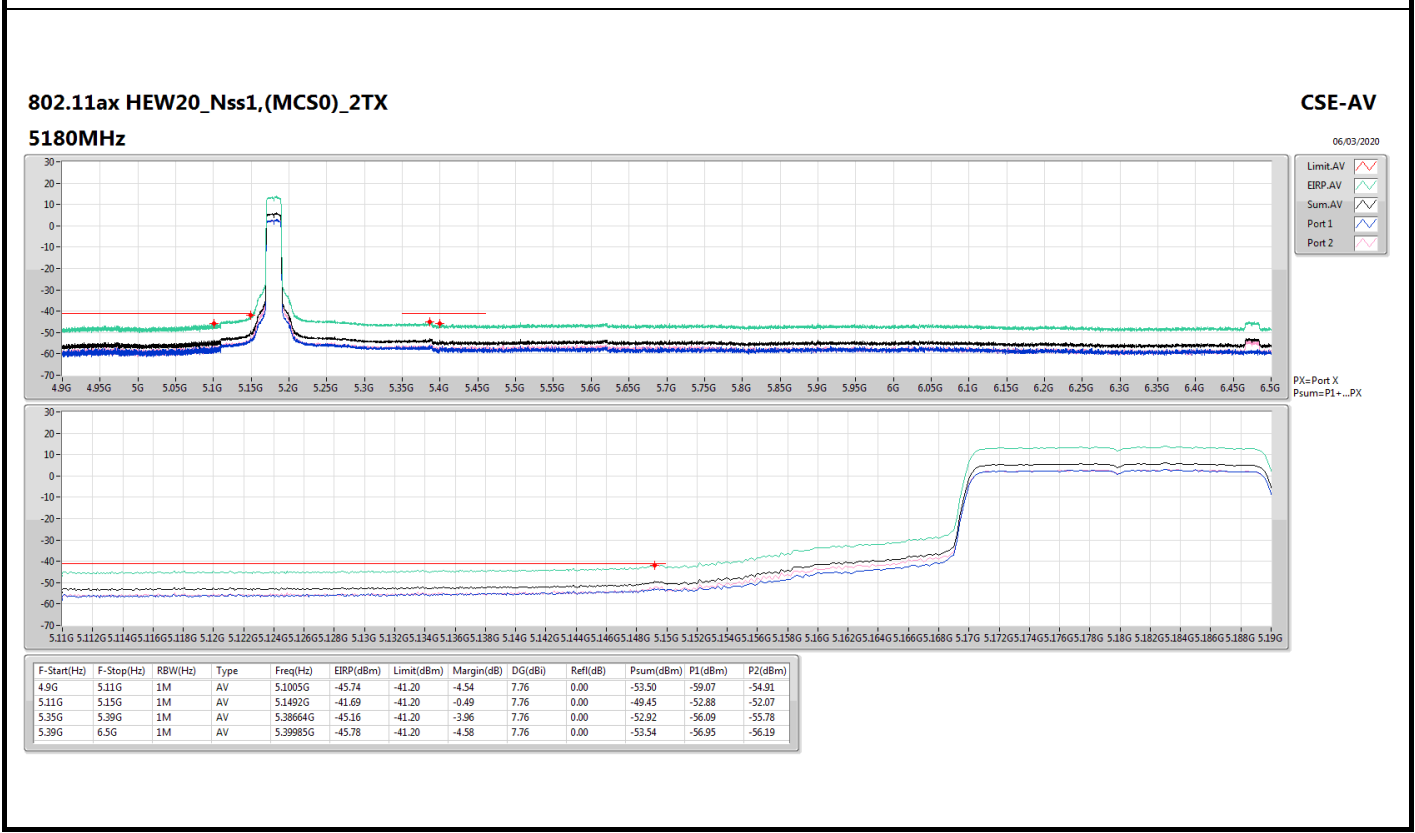
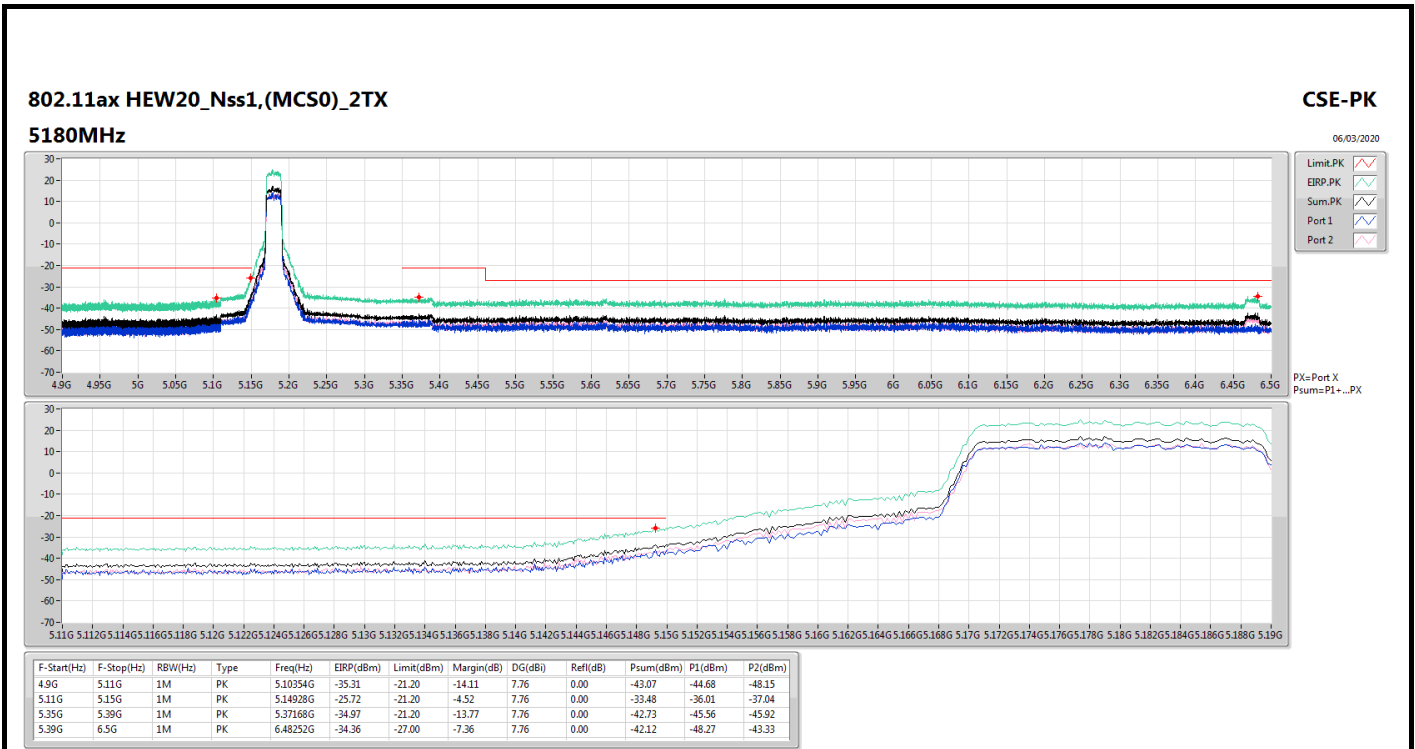
11a80_Nss1,(6Mbps)_2TX

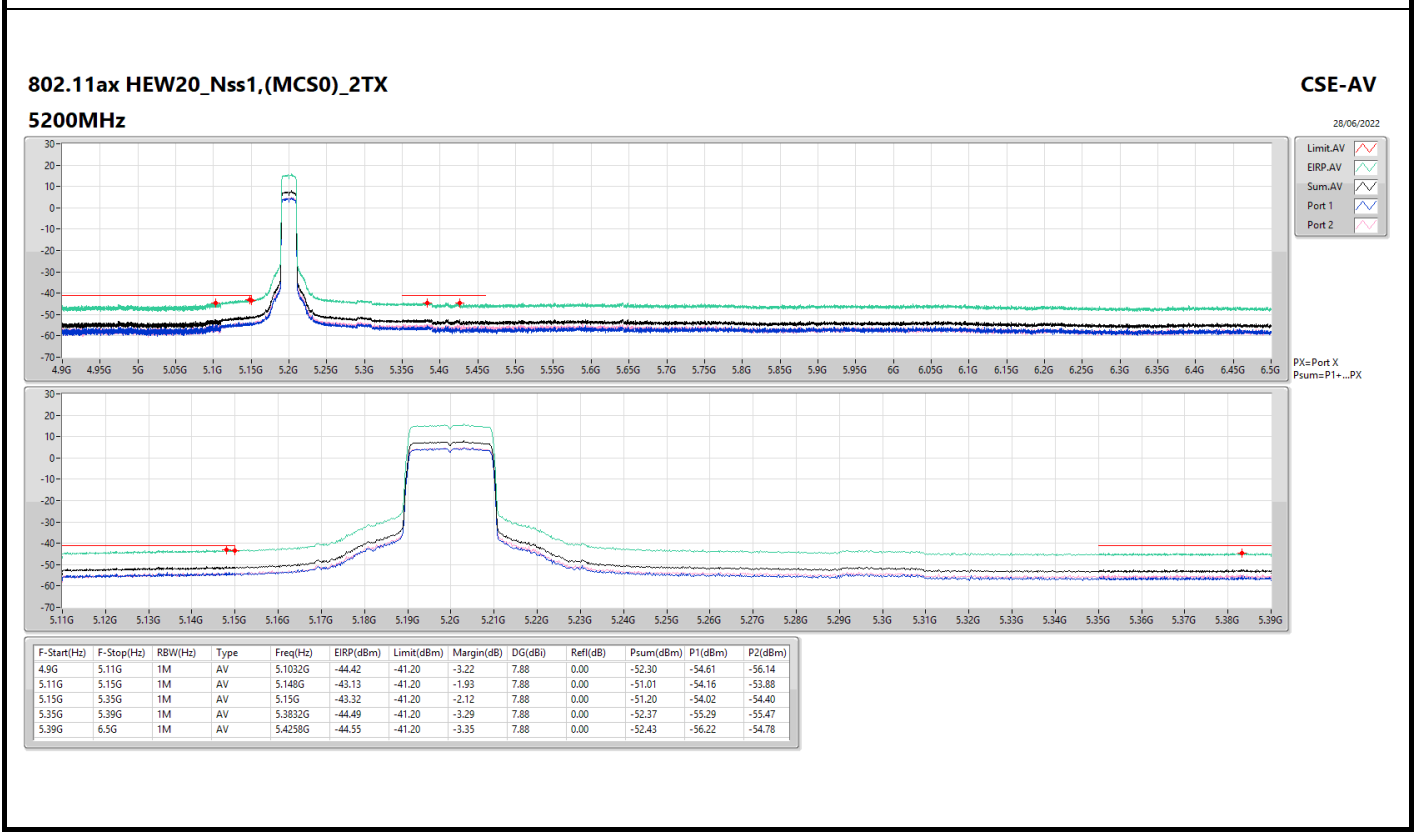
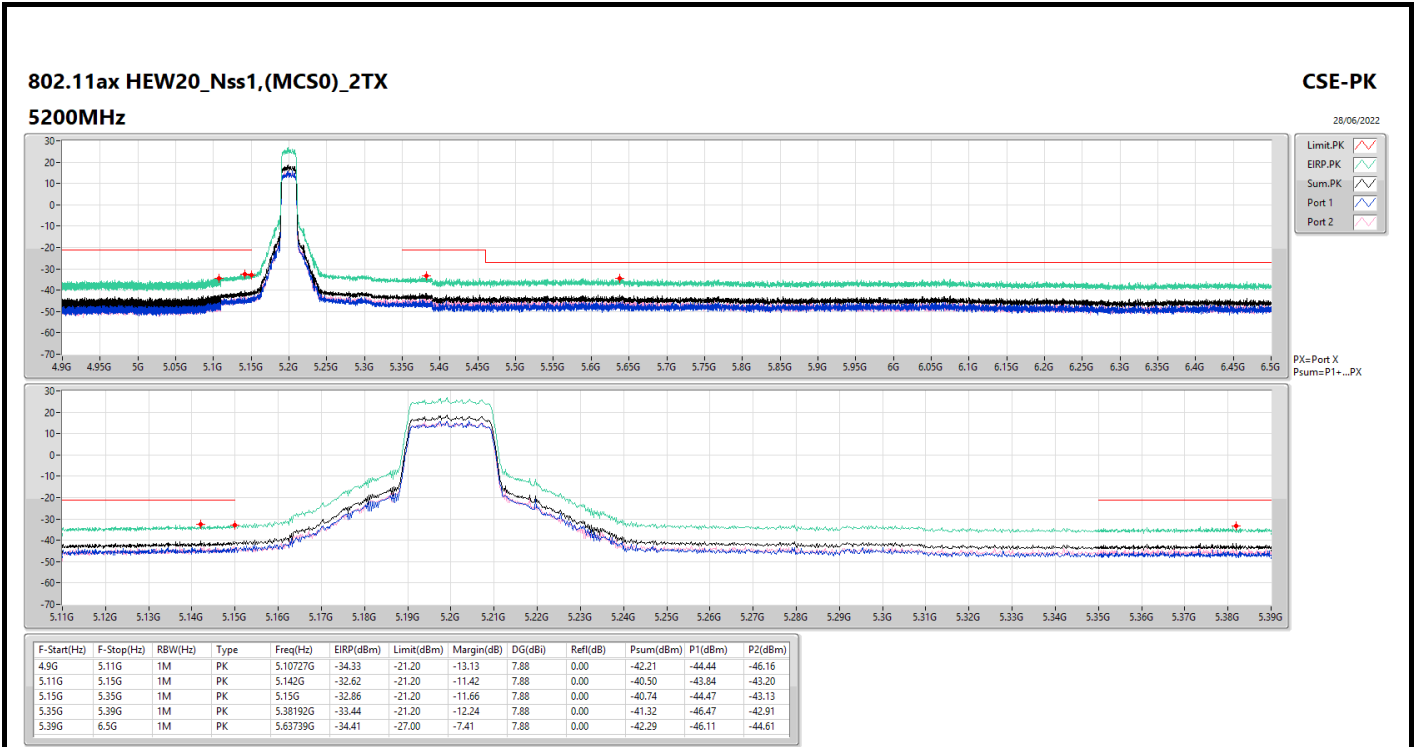
5690MHz Straddle 5.47-5.725GHz

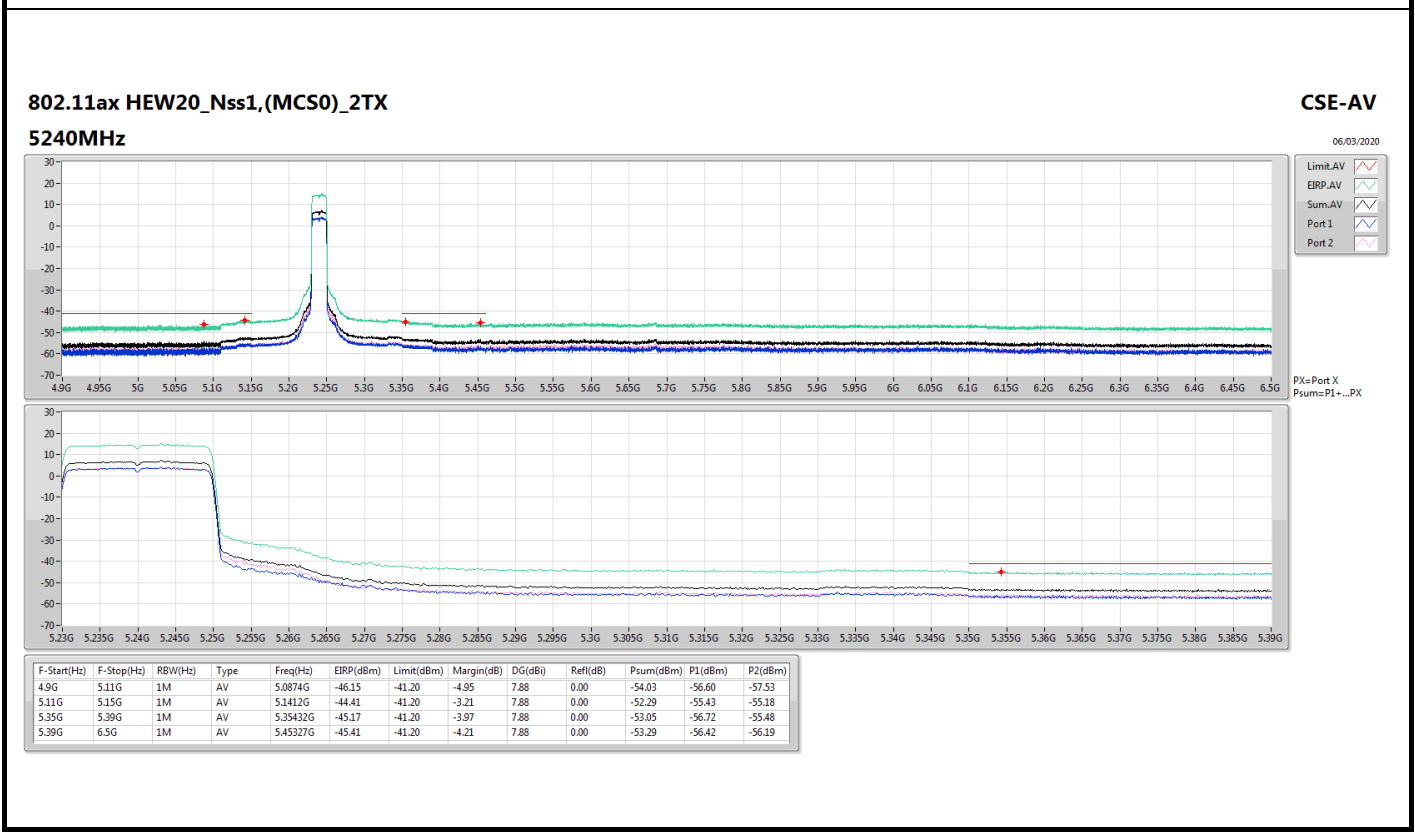
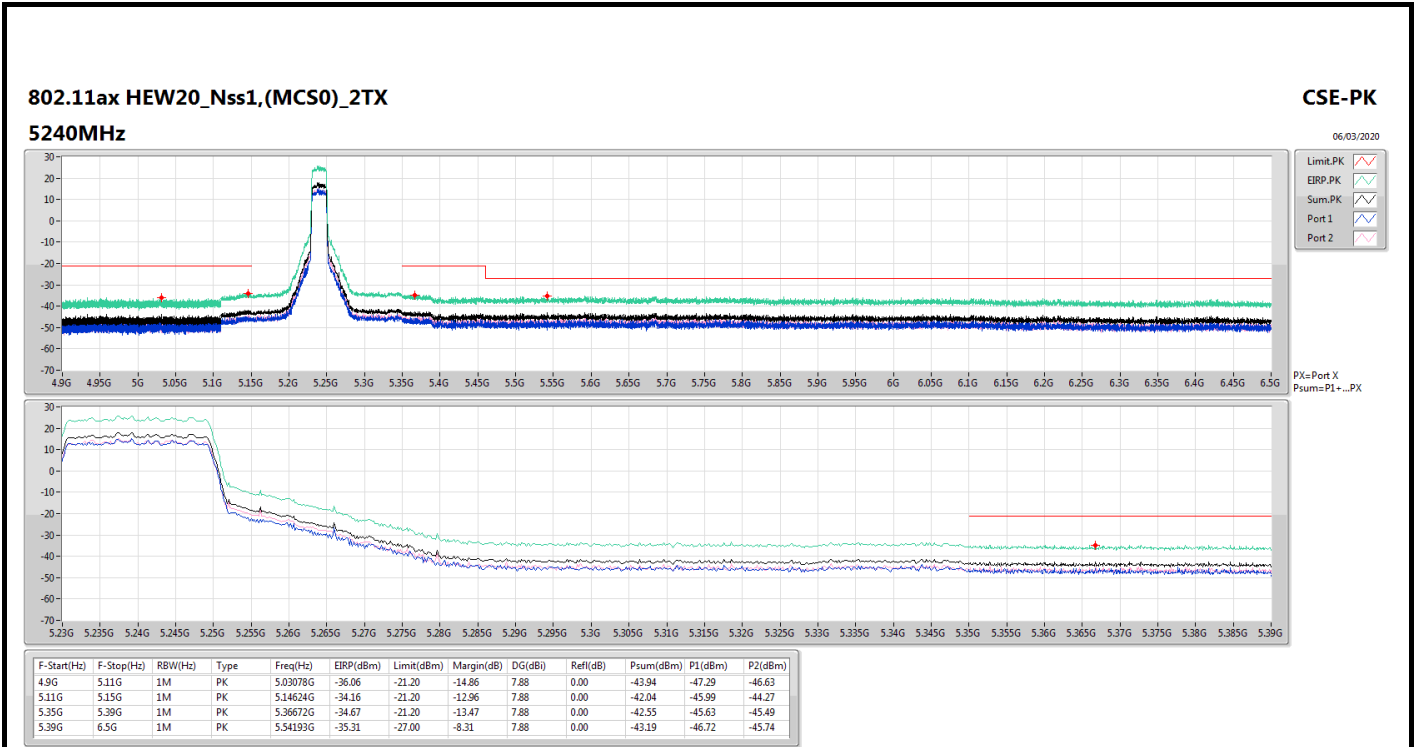
CSE-AV

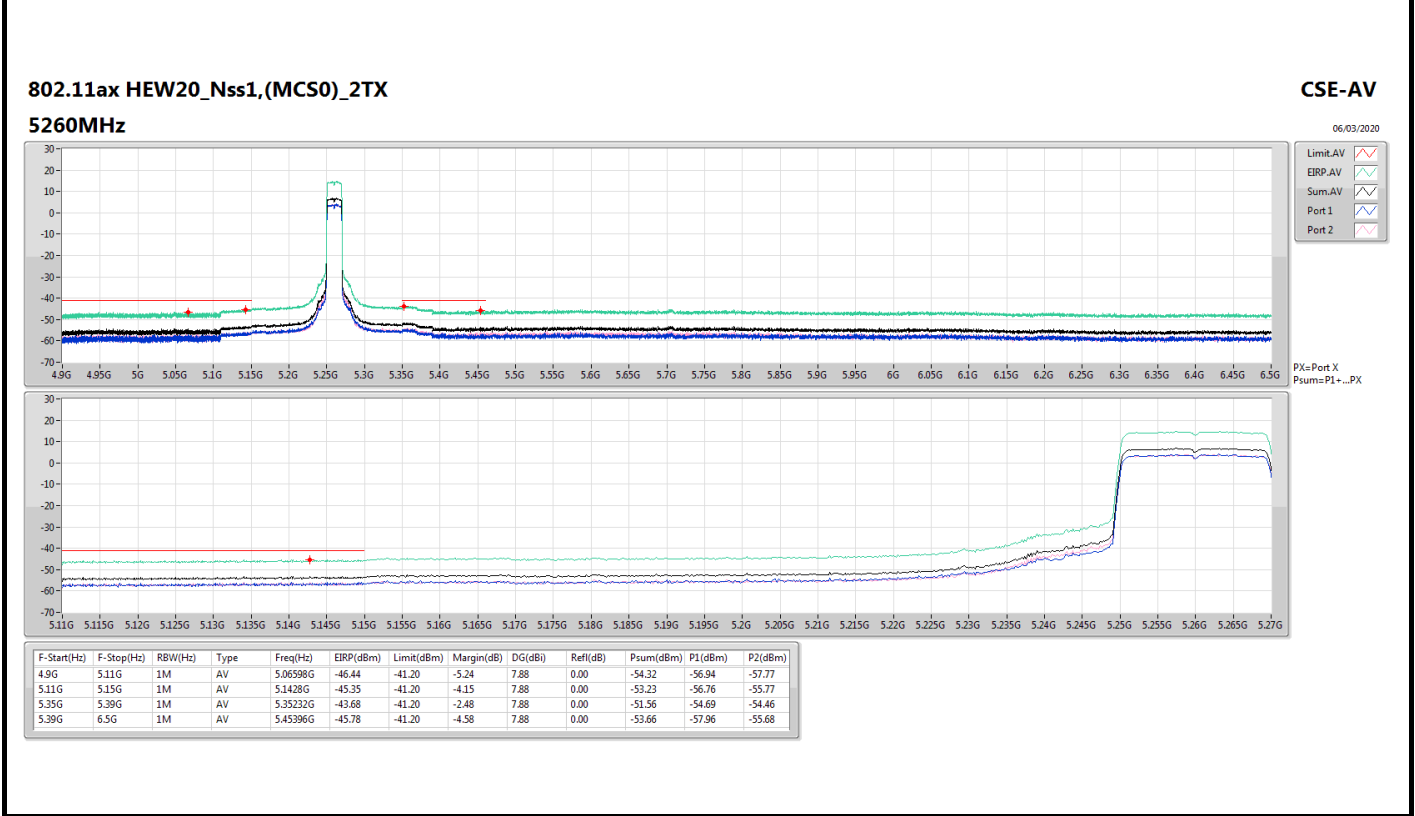
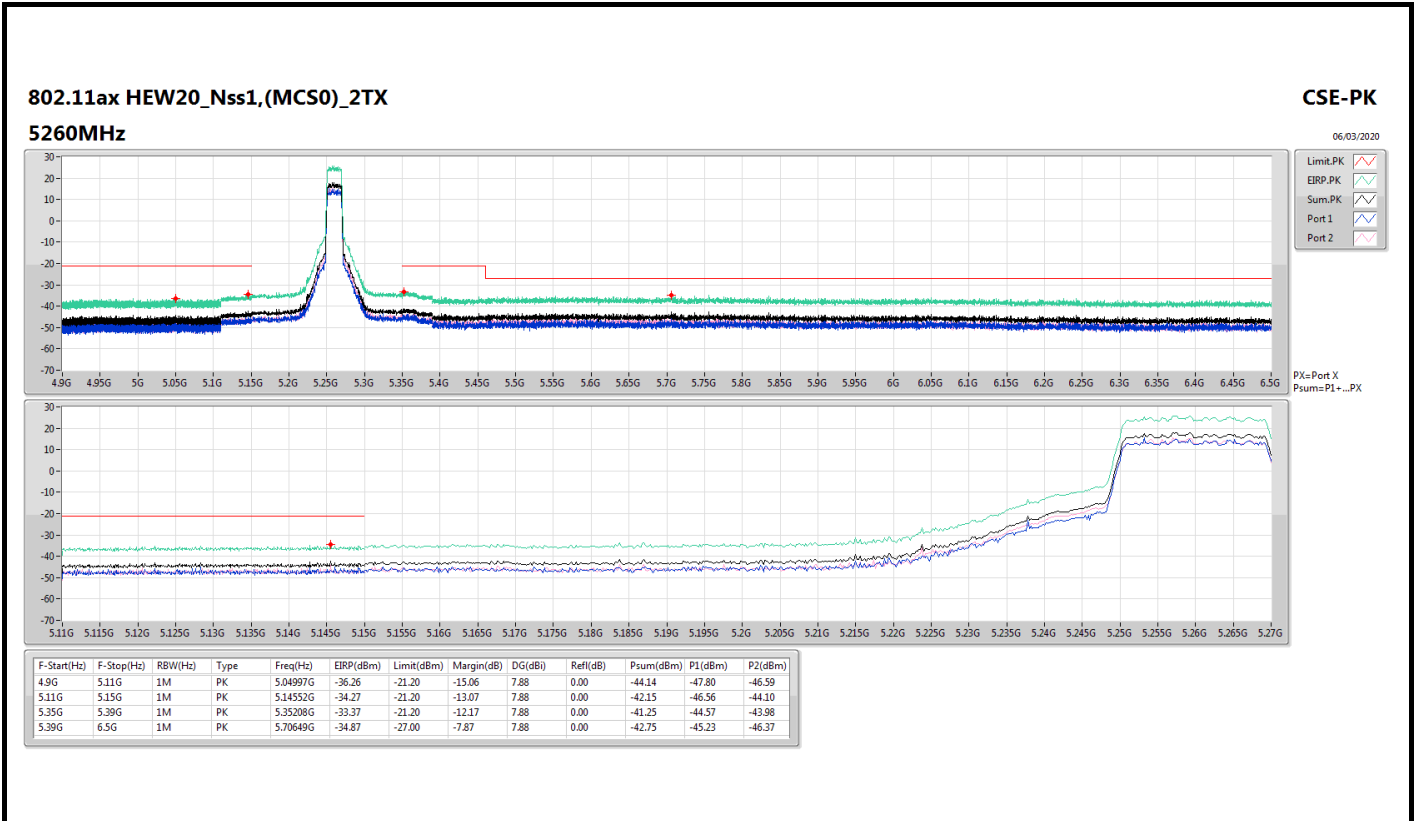
06/03/2020

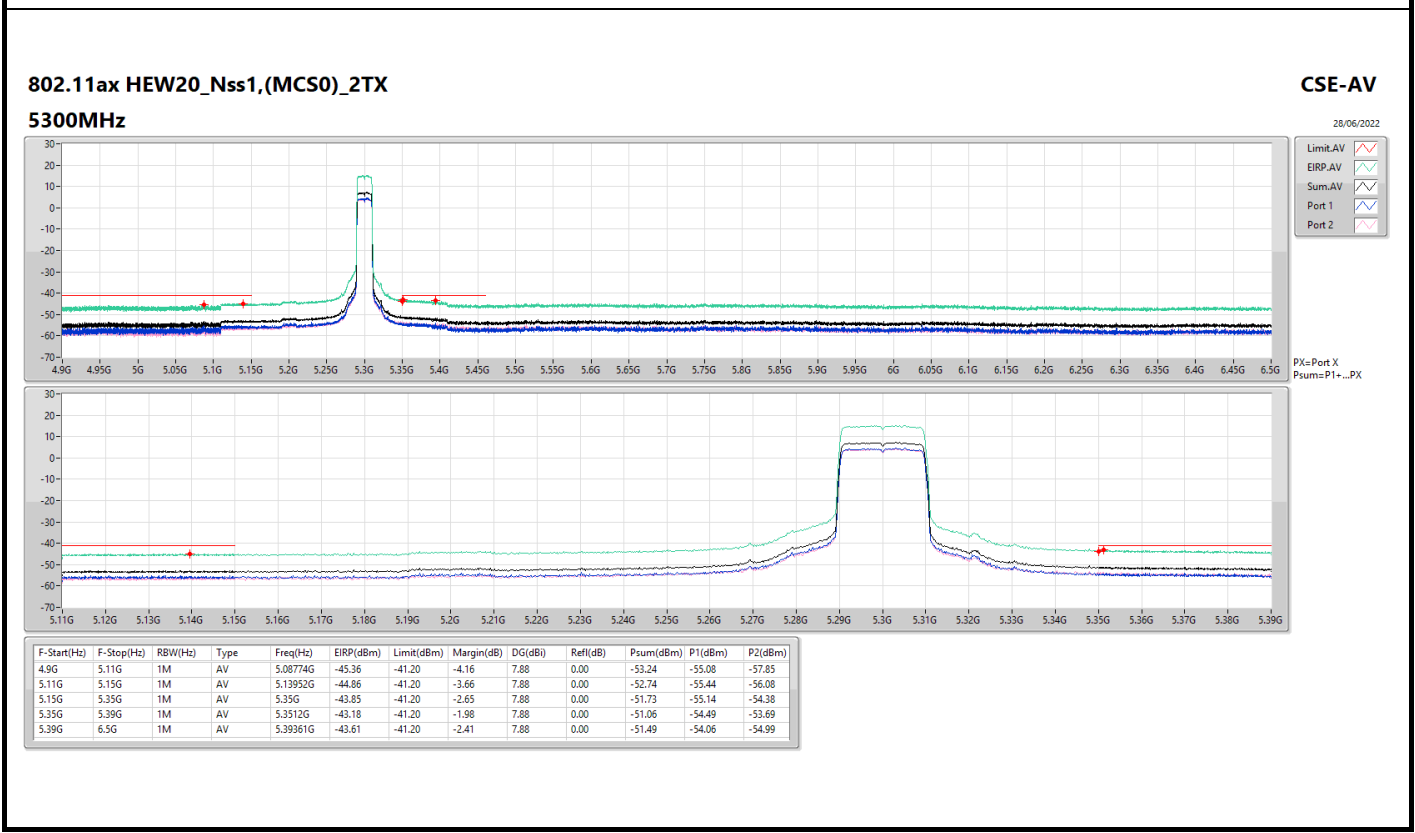
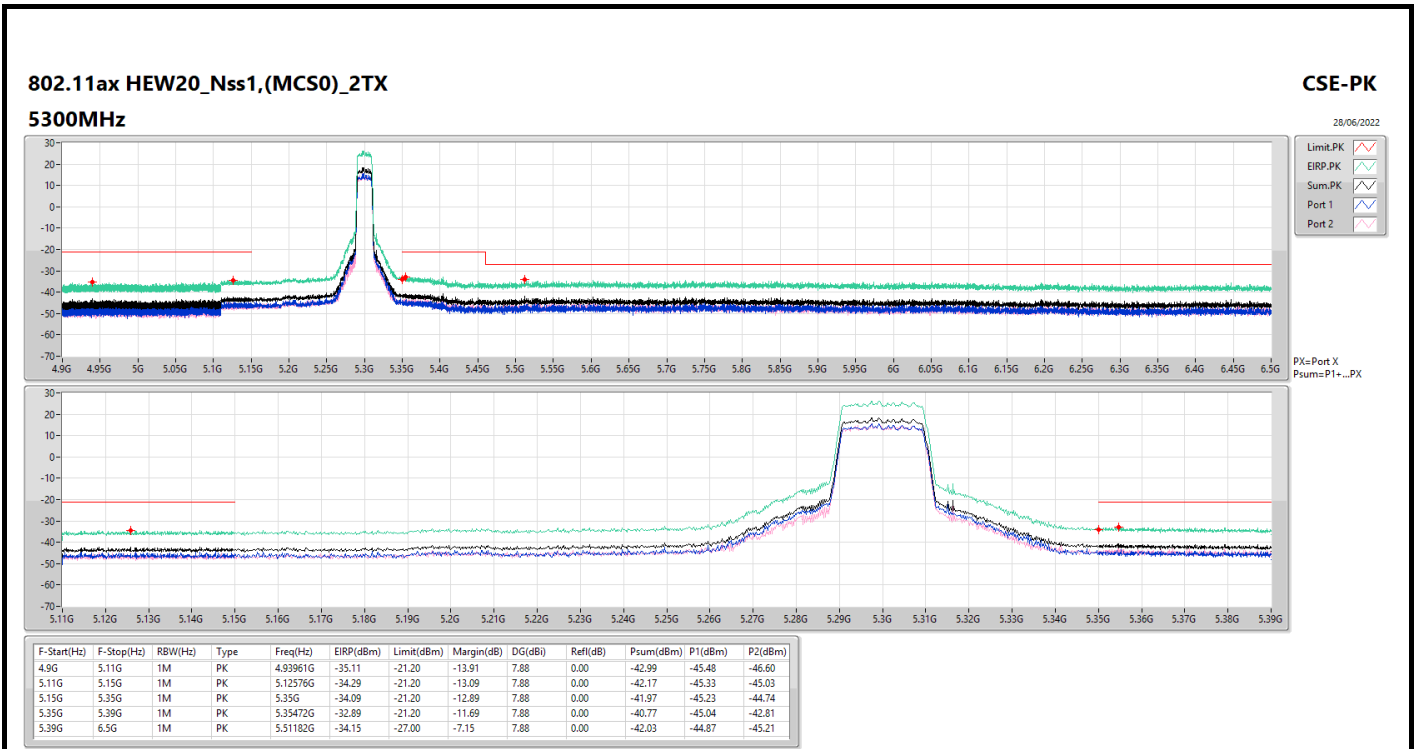


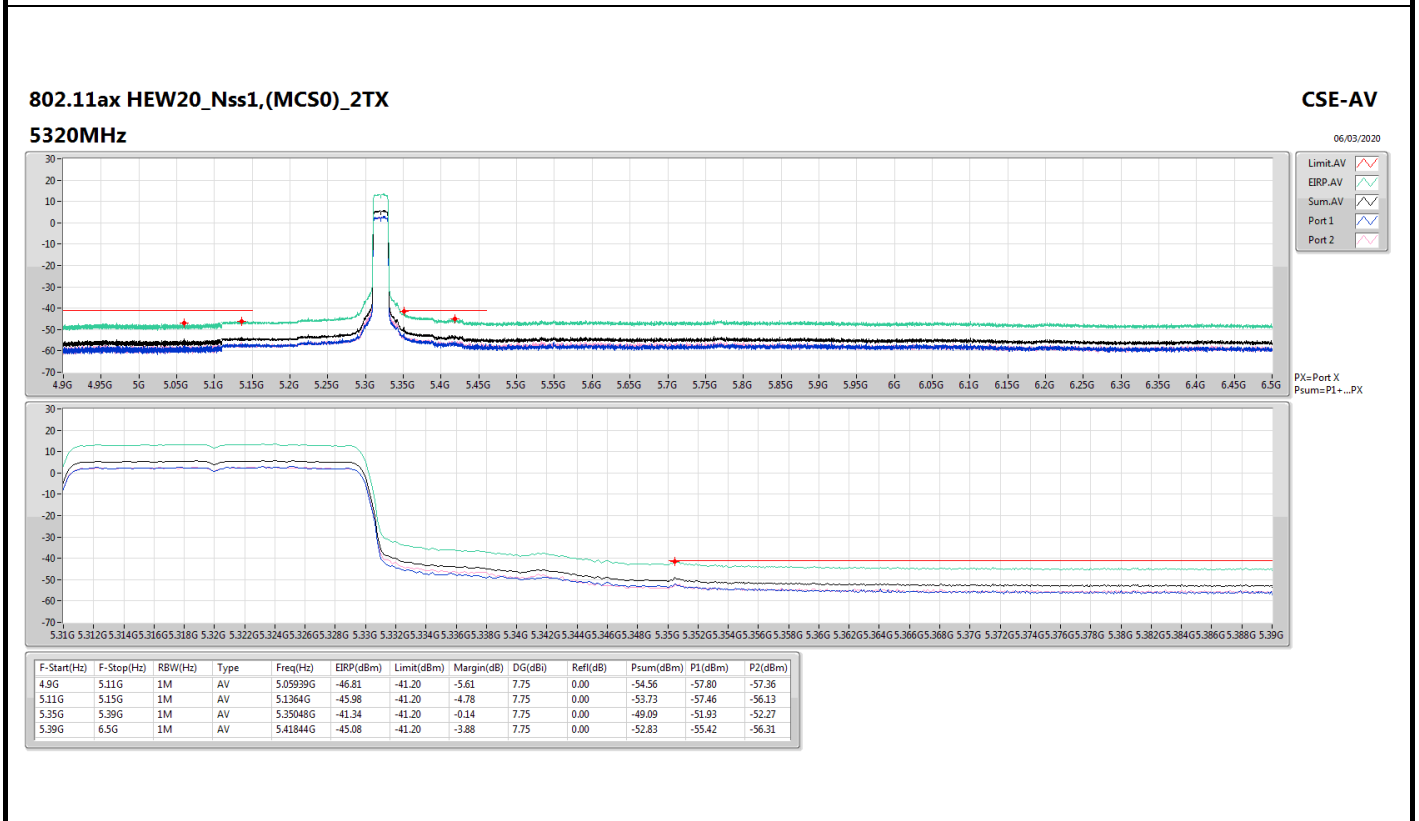
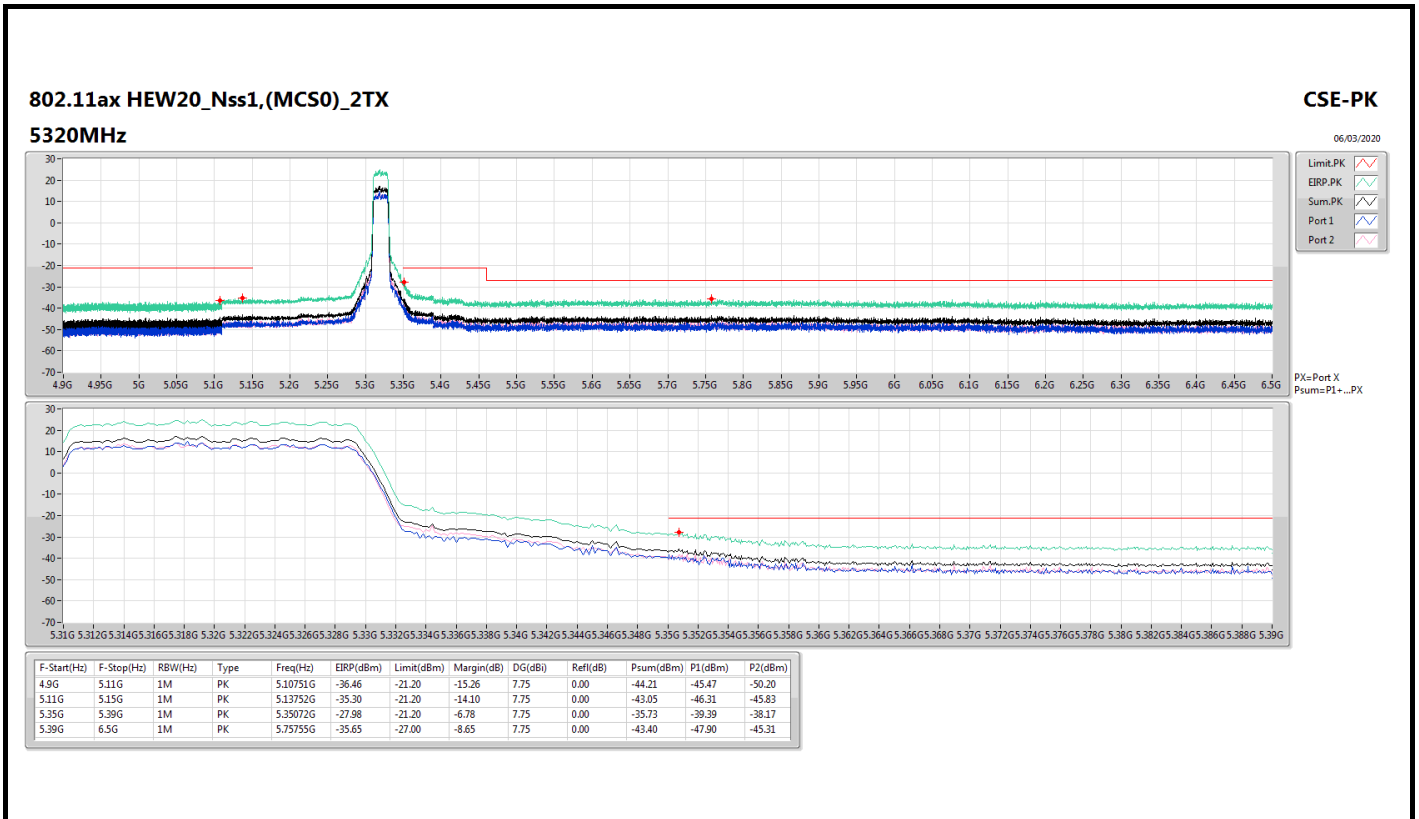


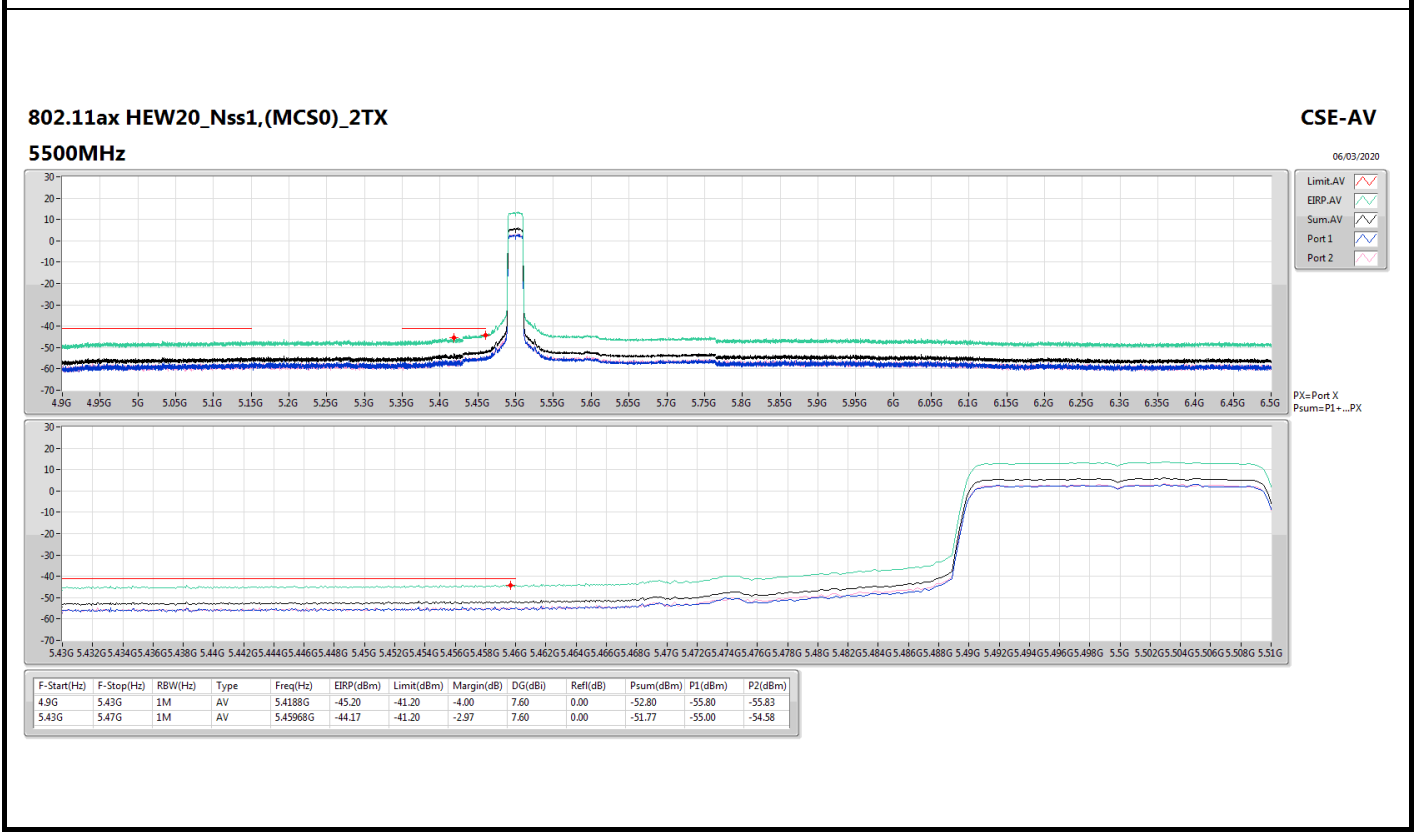
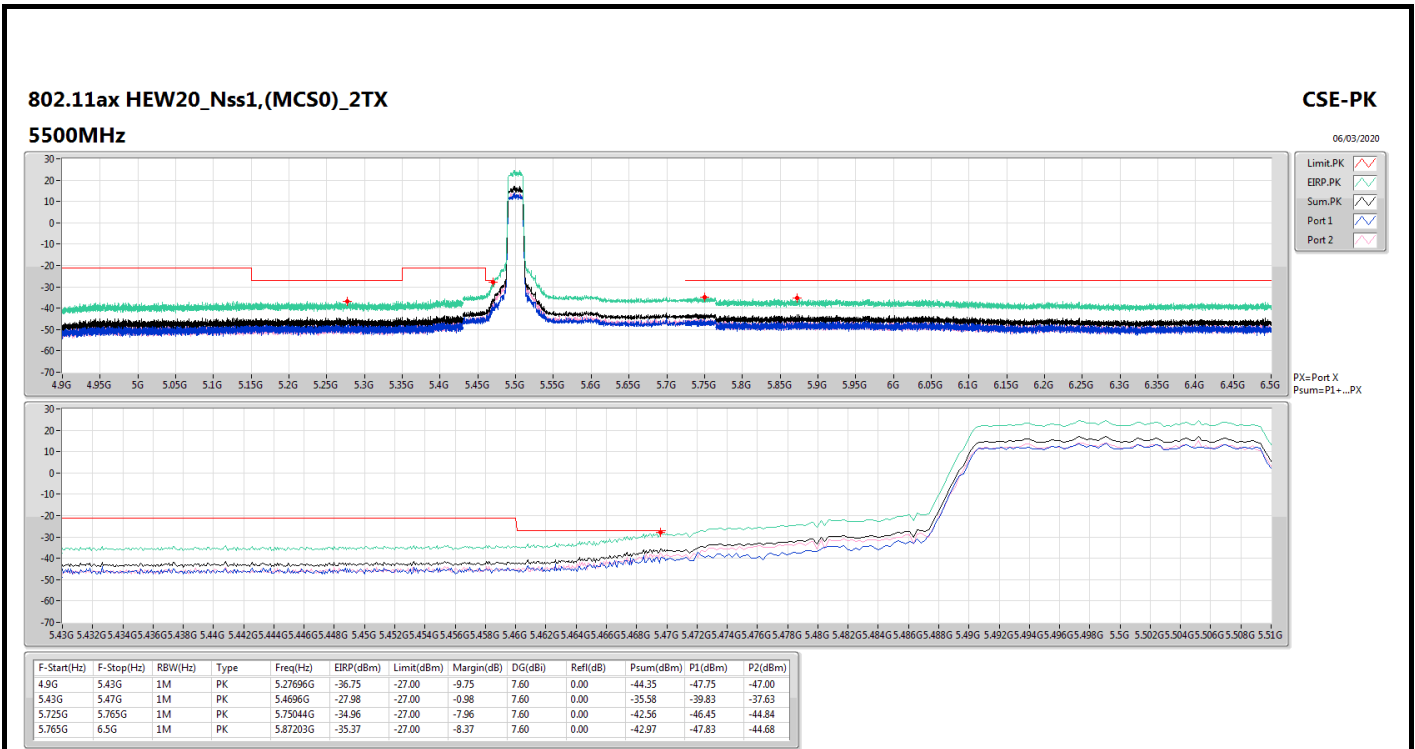


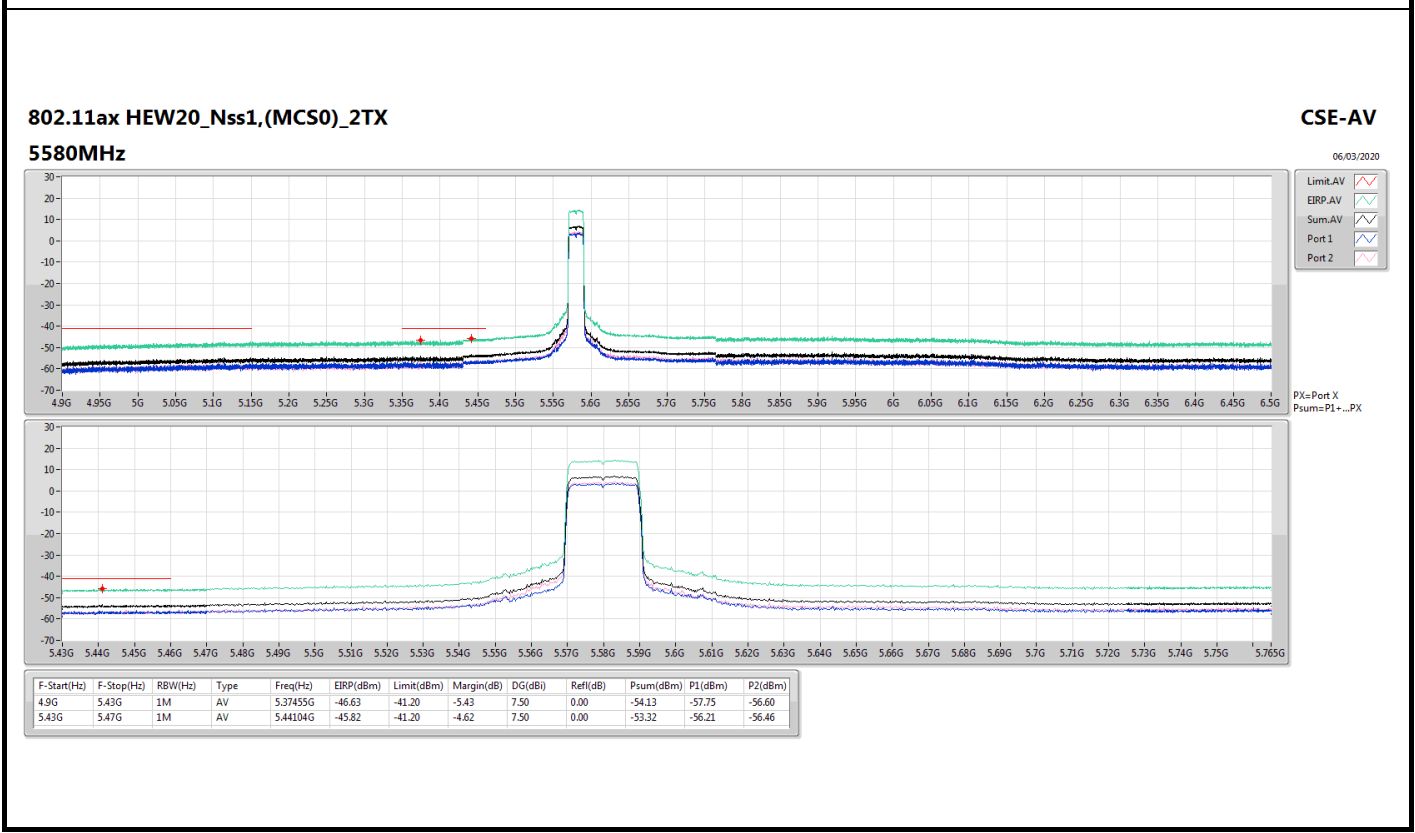
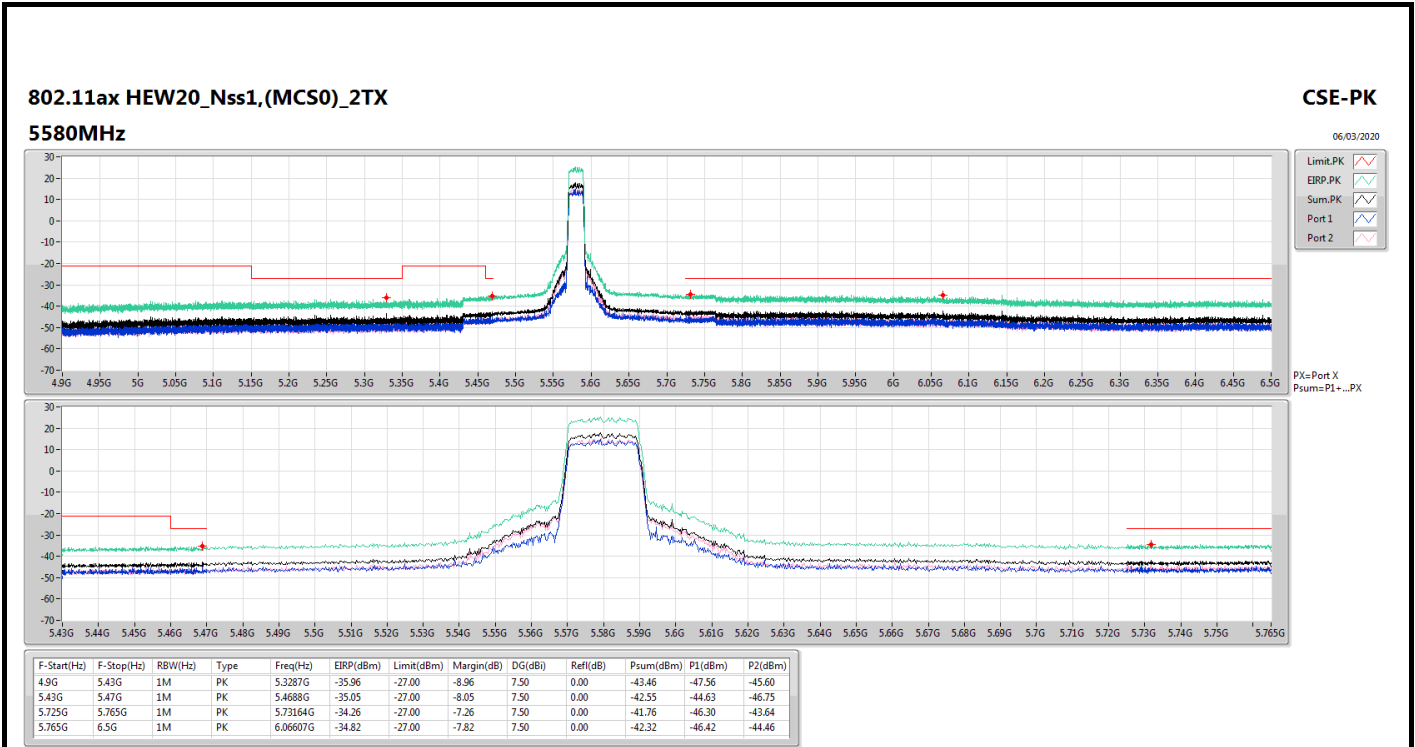


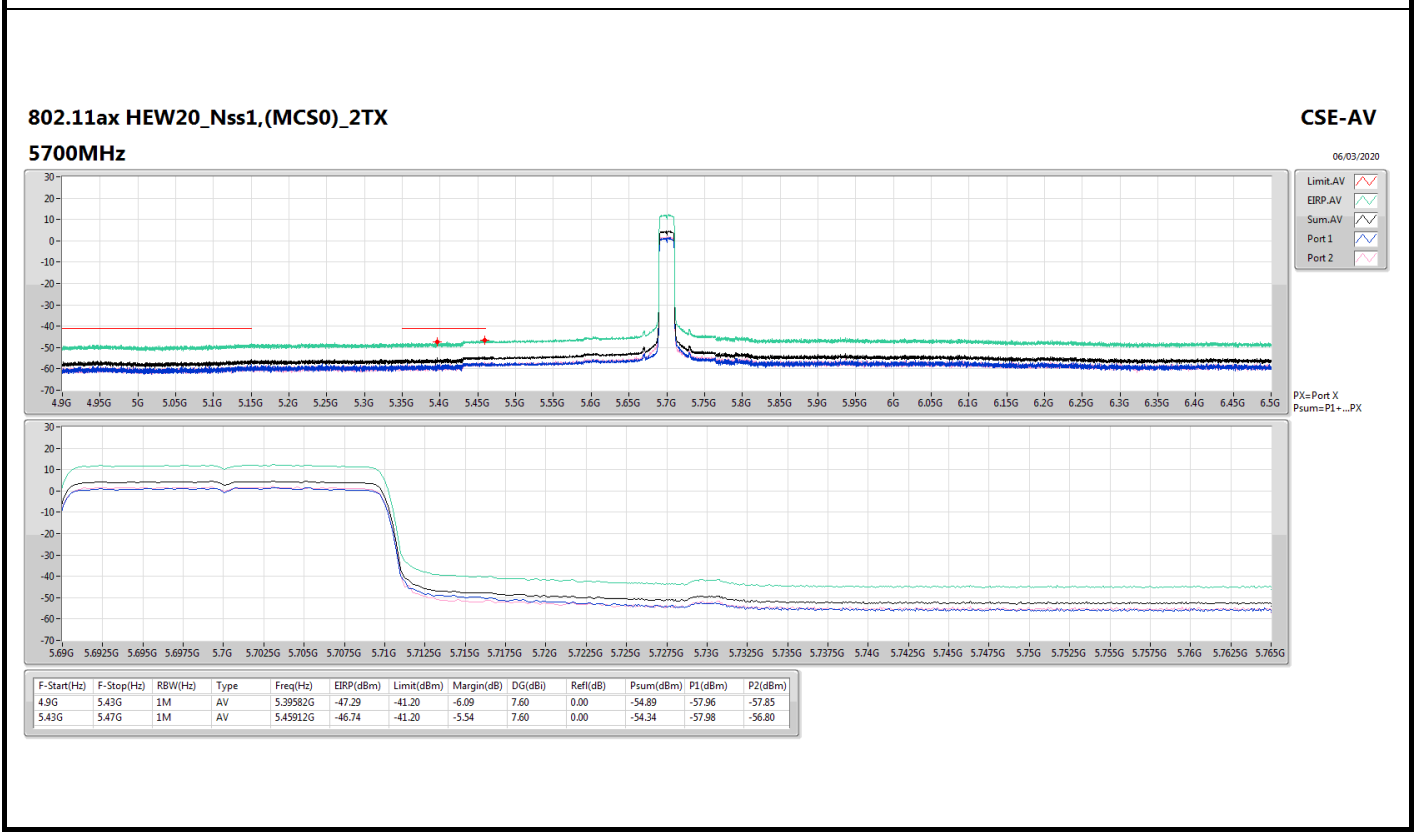
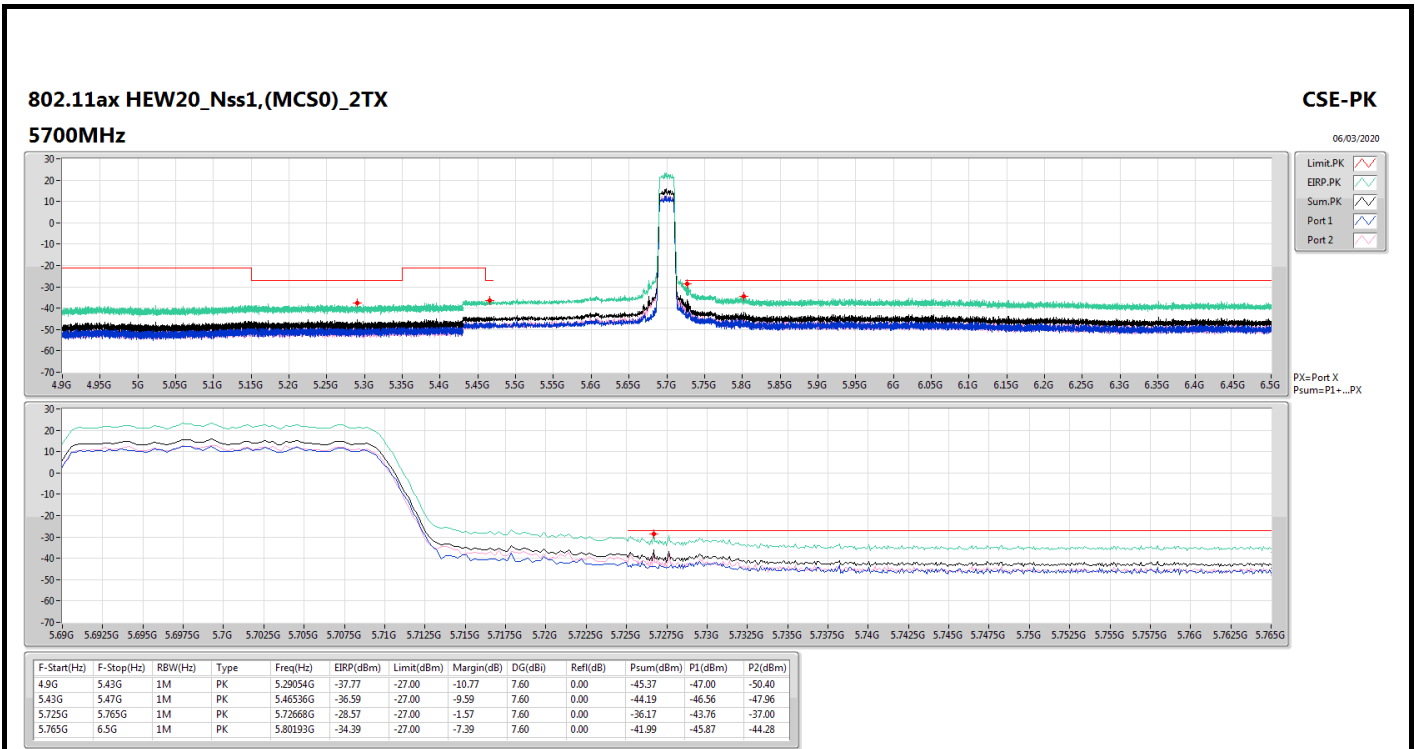


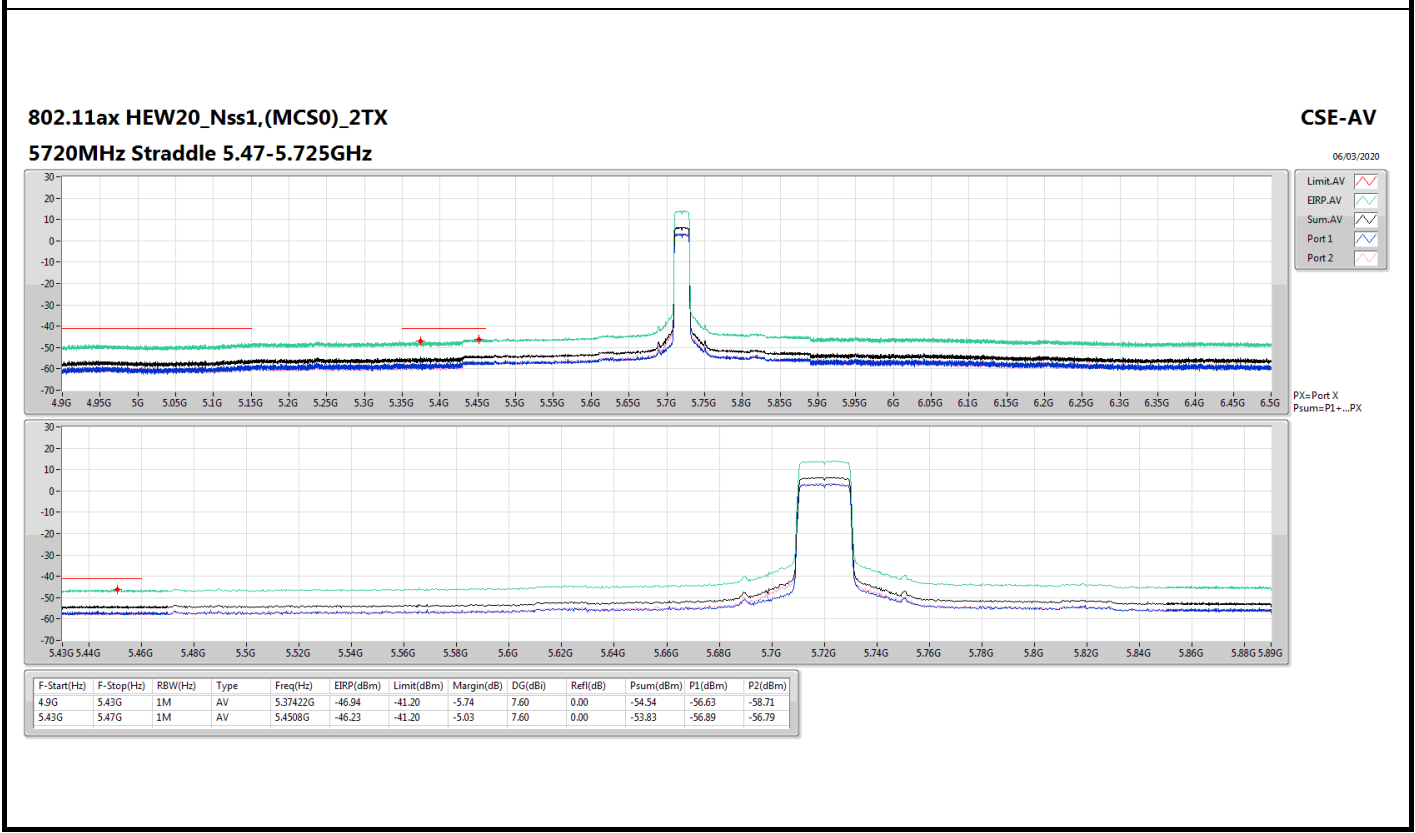
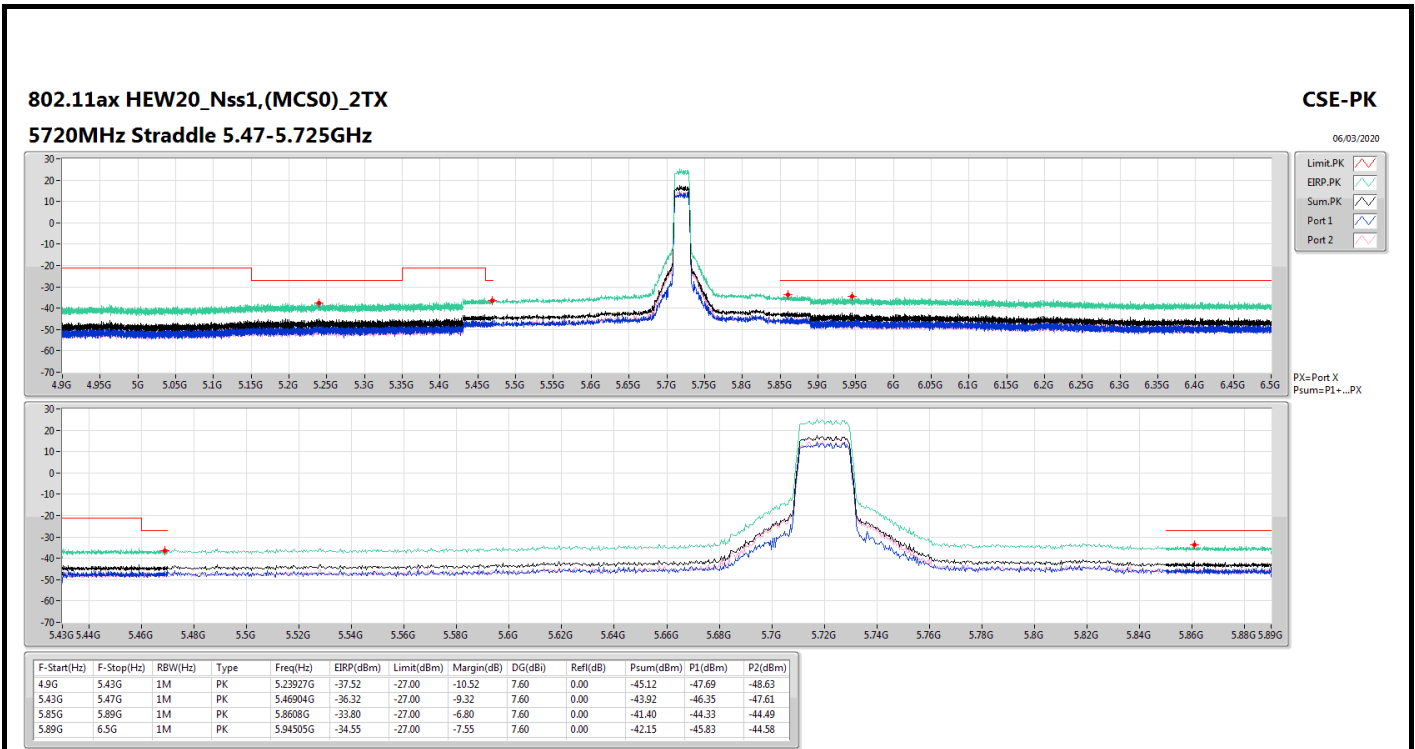


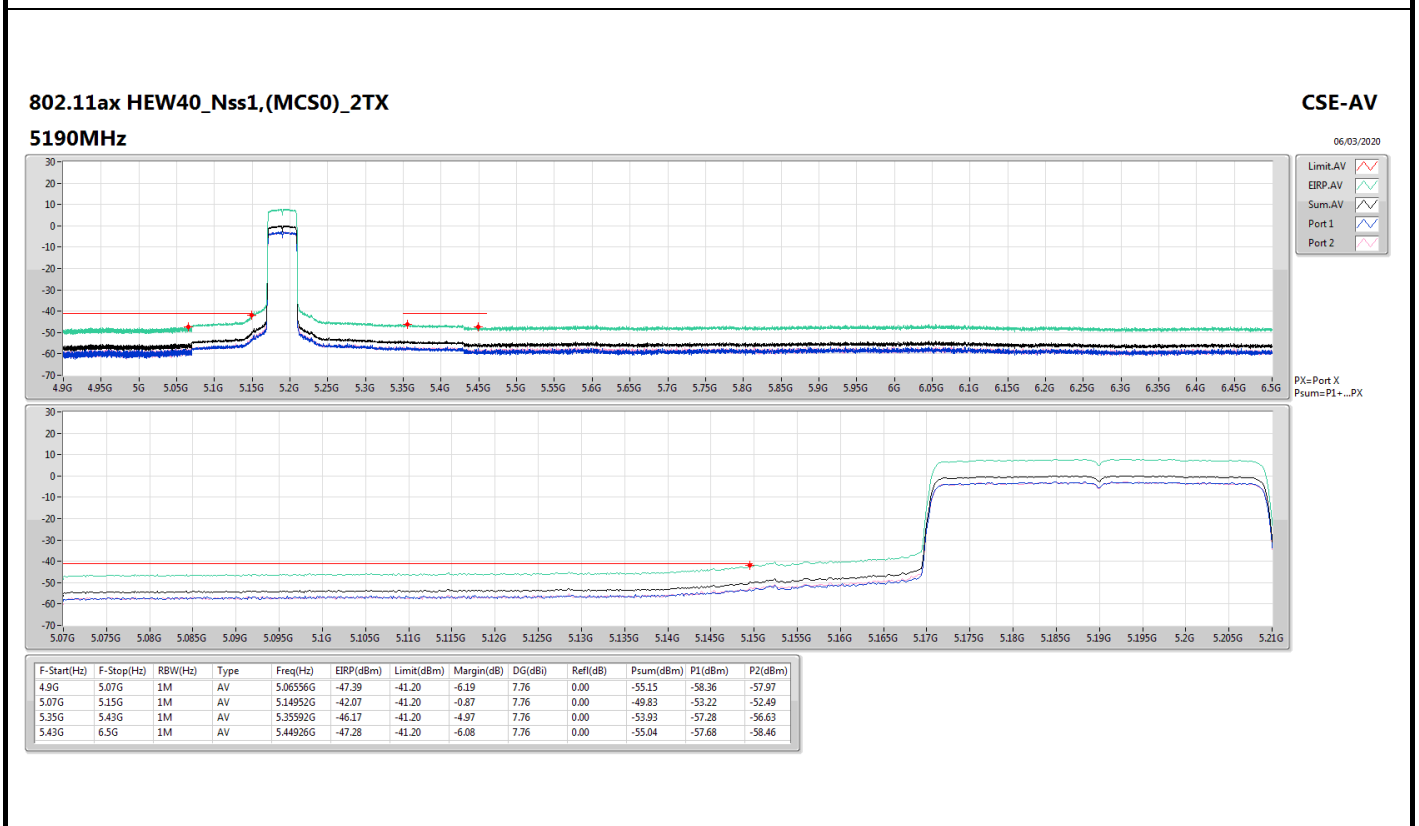
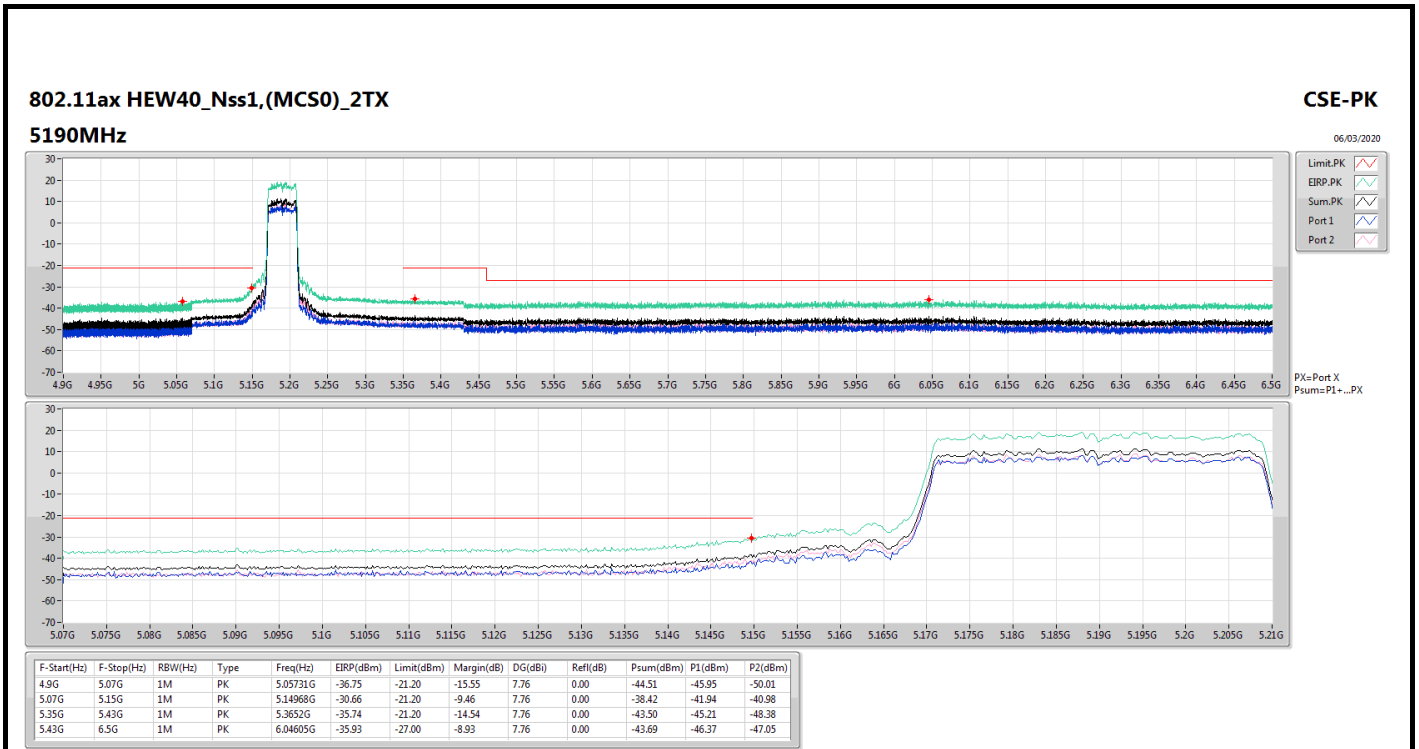


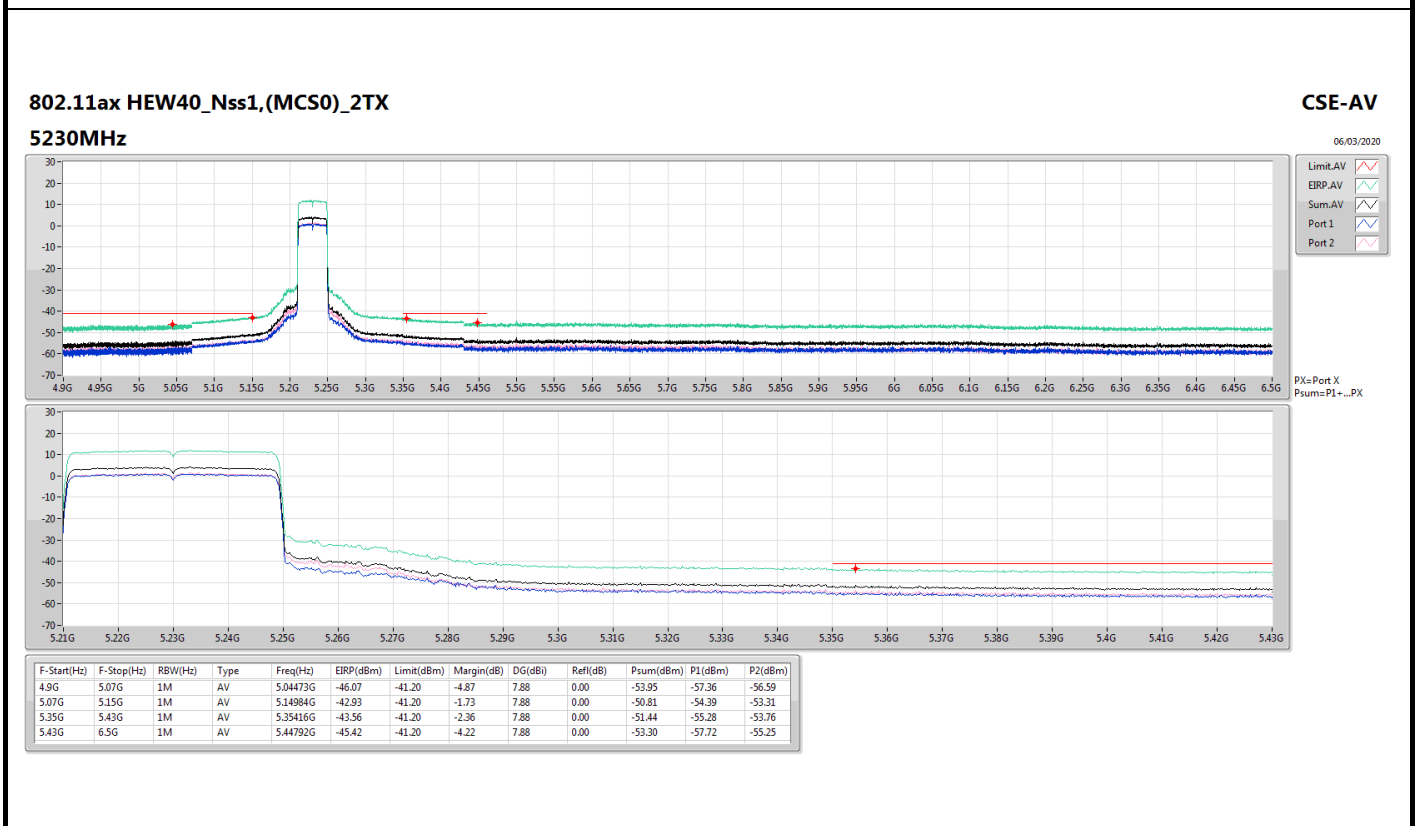
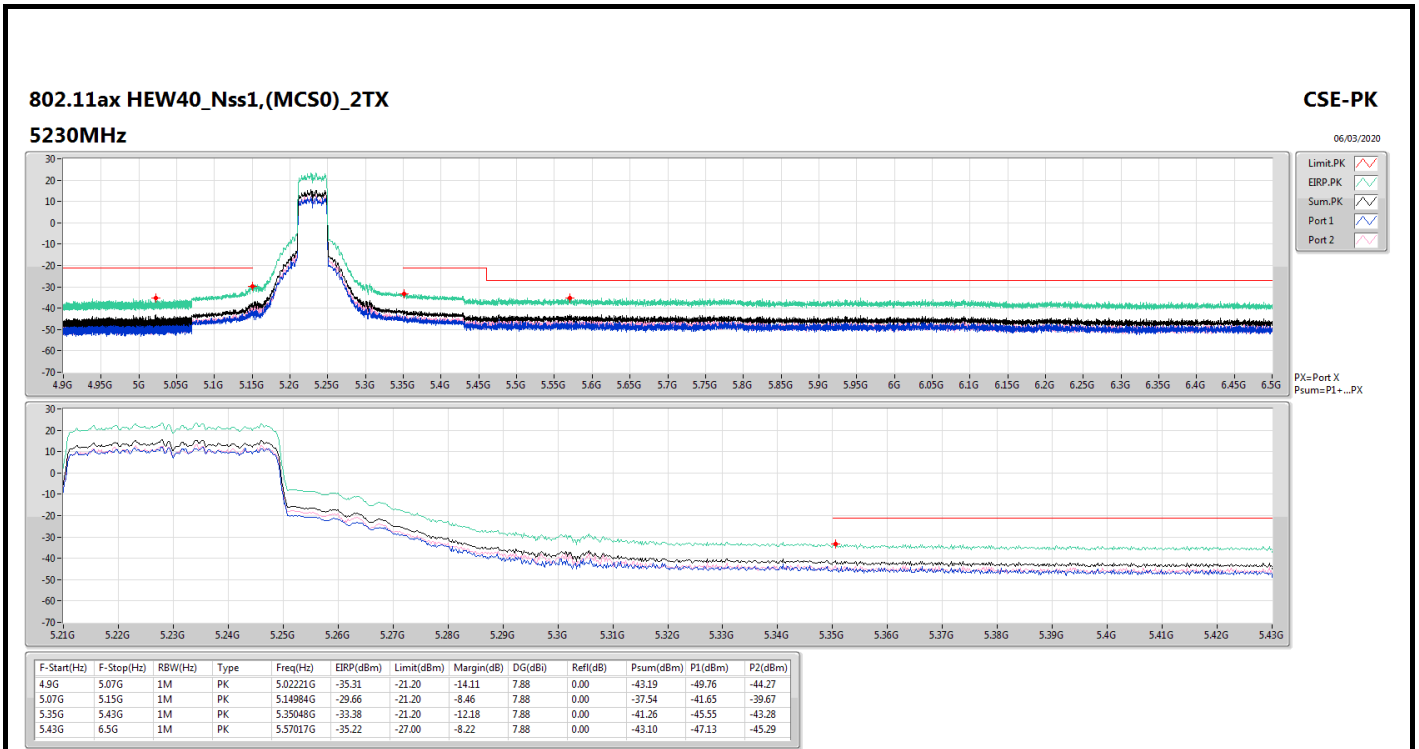


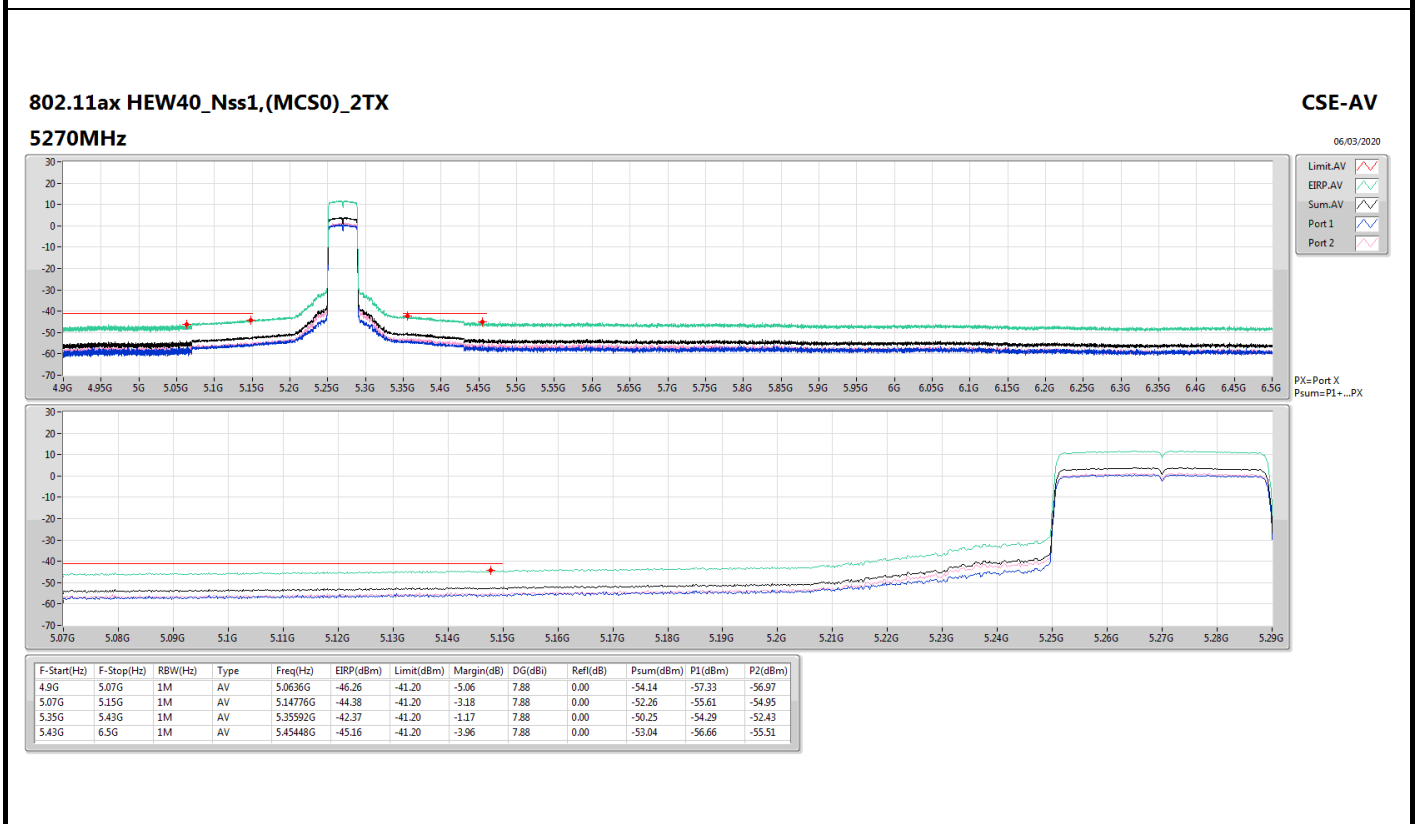
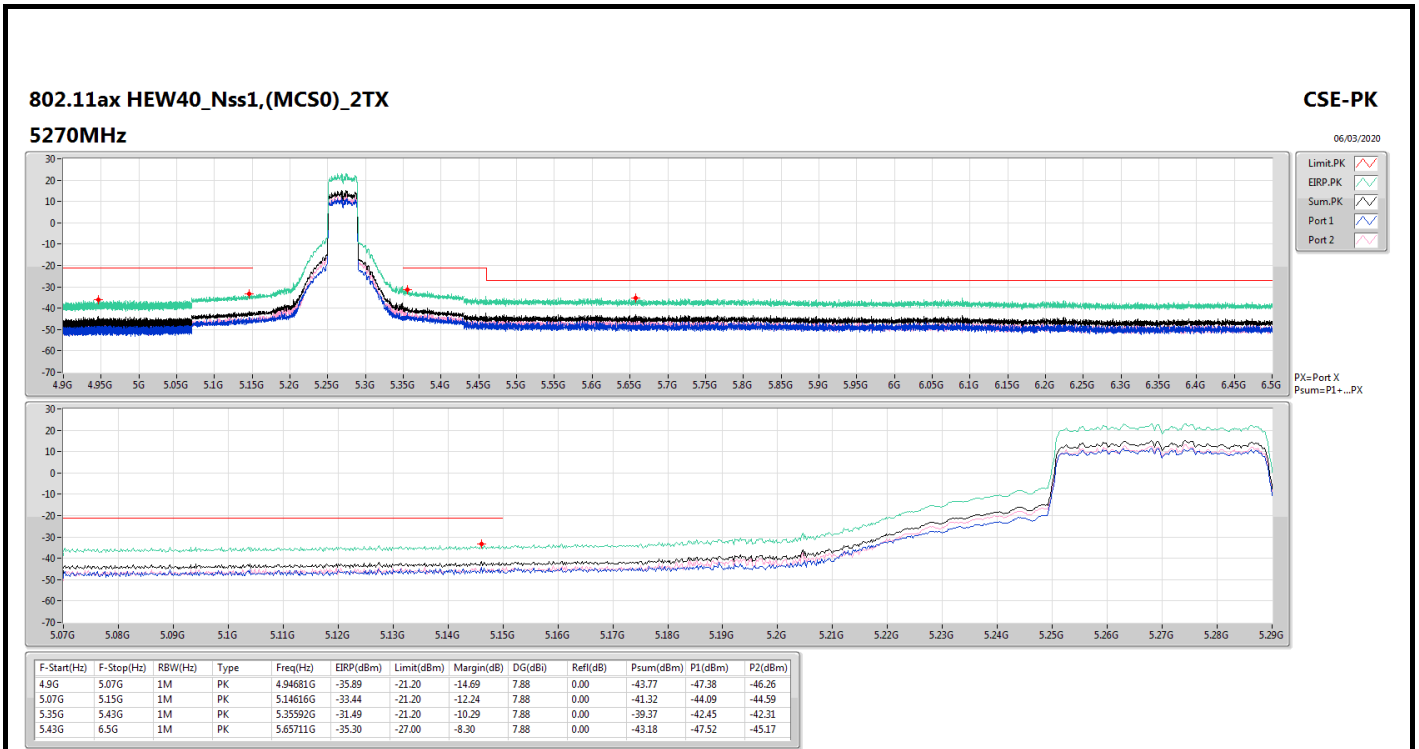


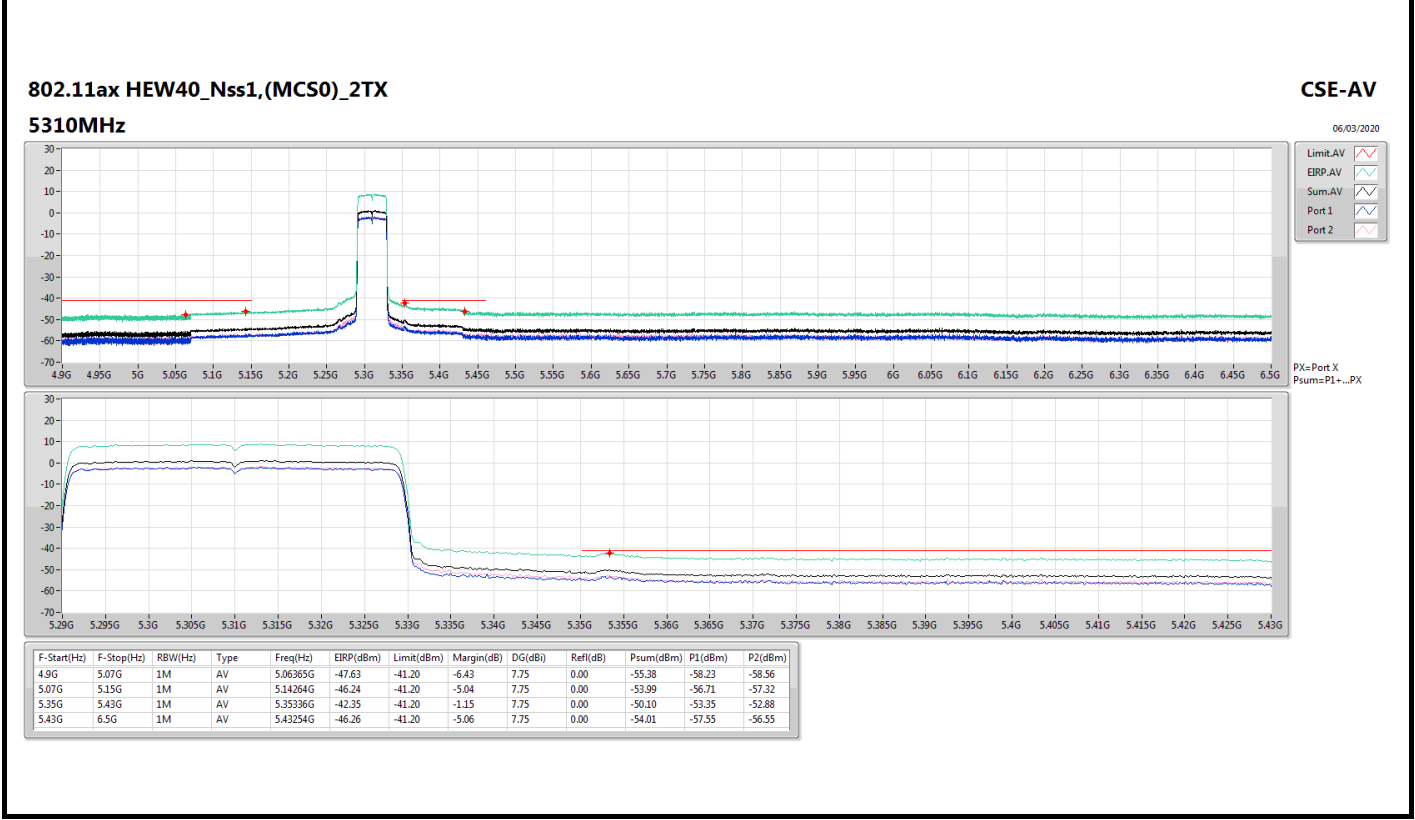
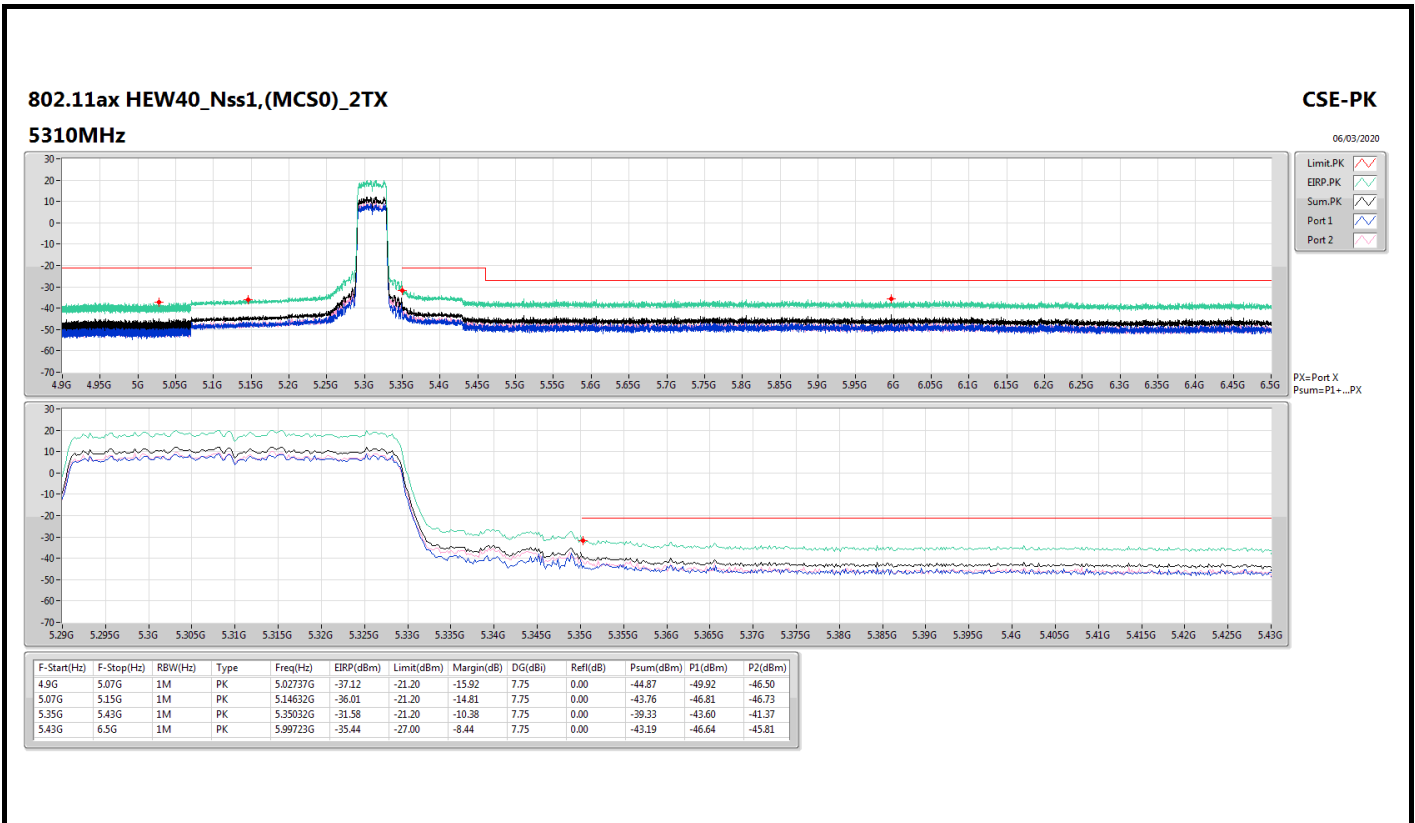


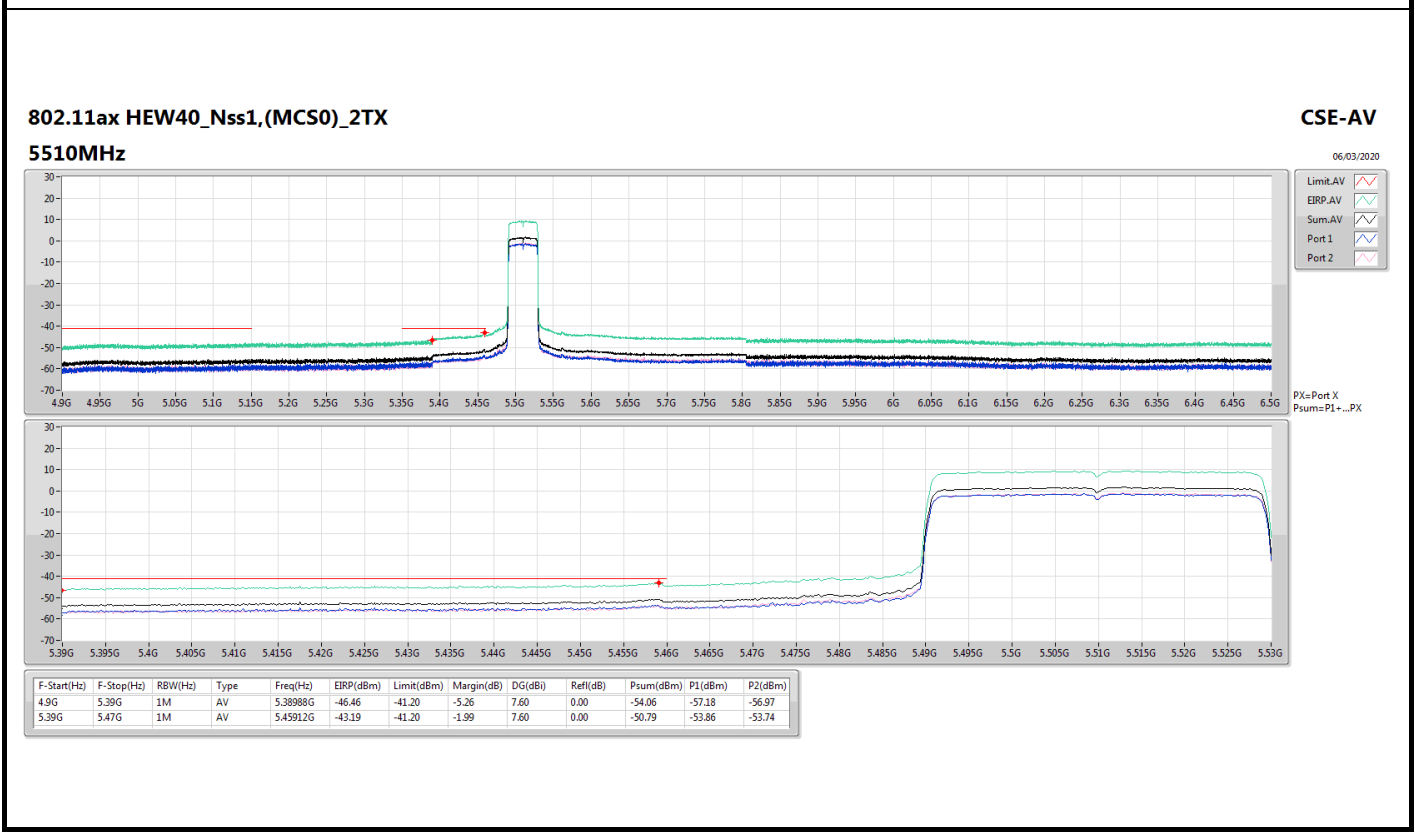
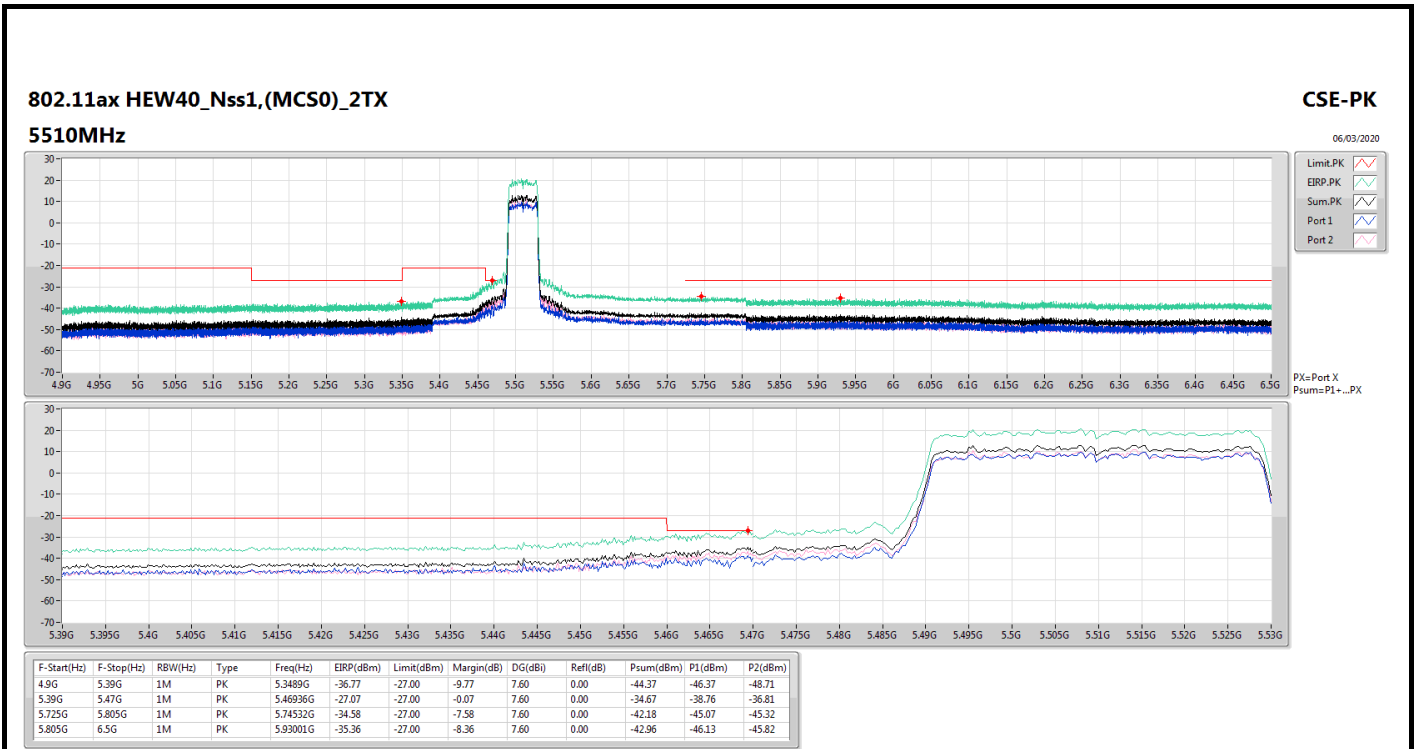


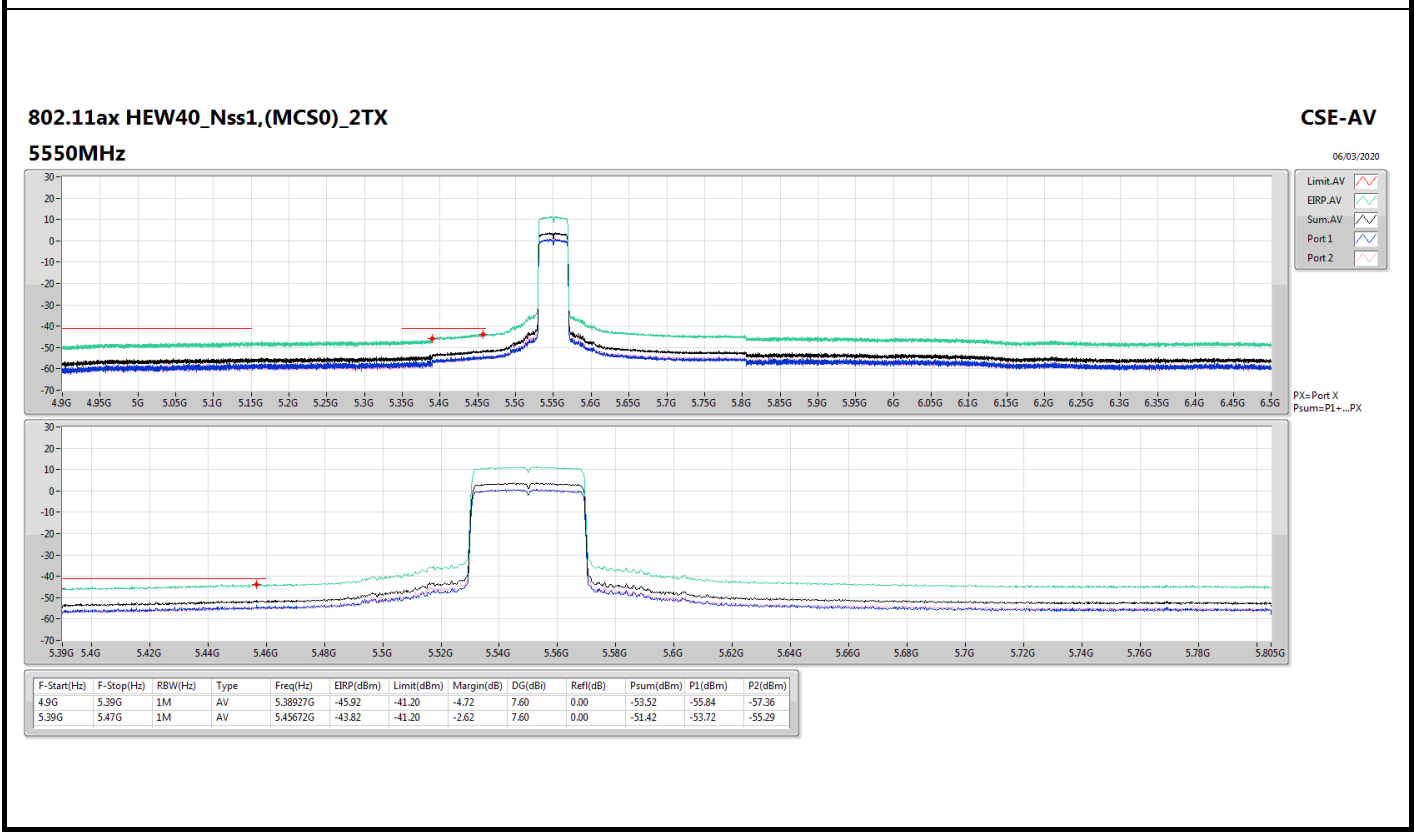
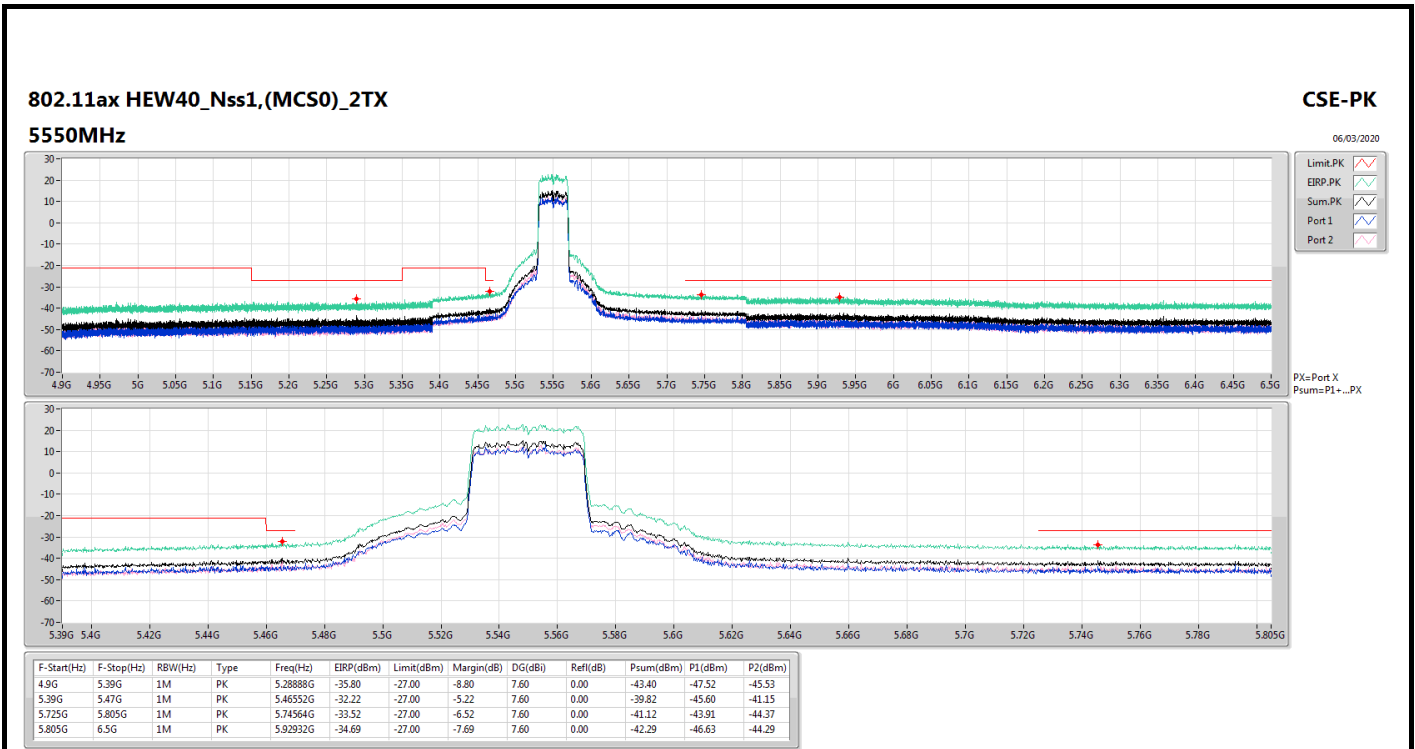


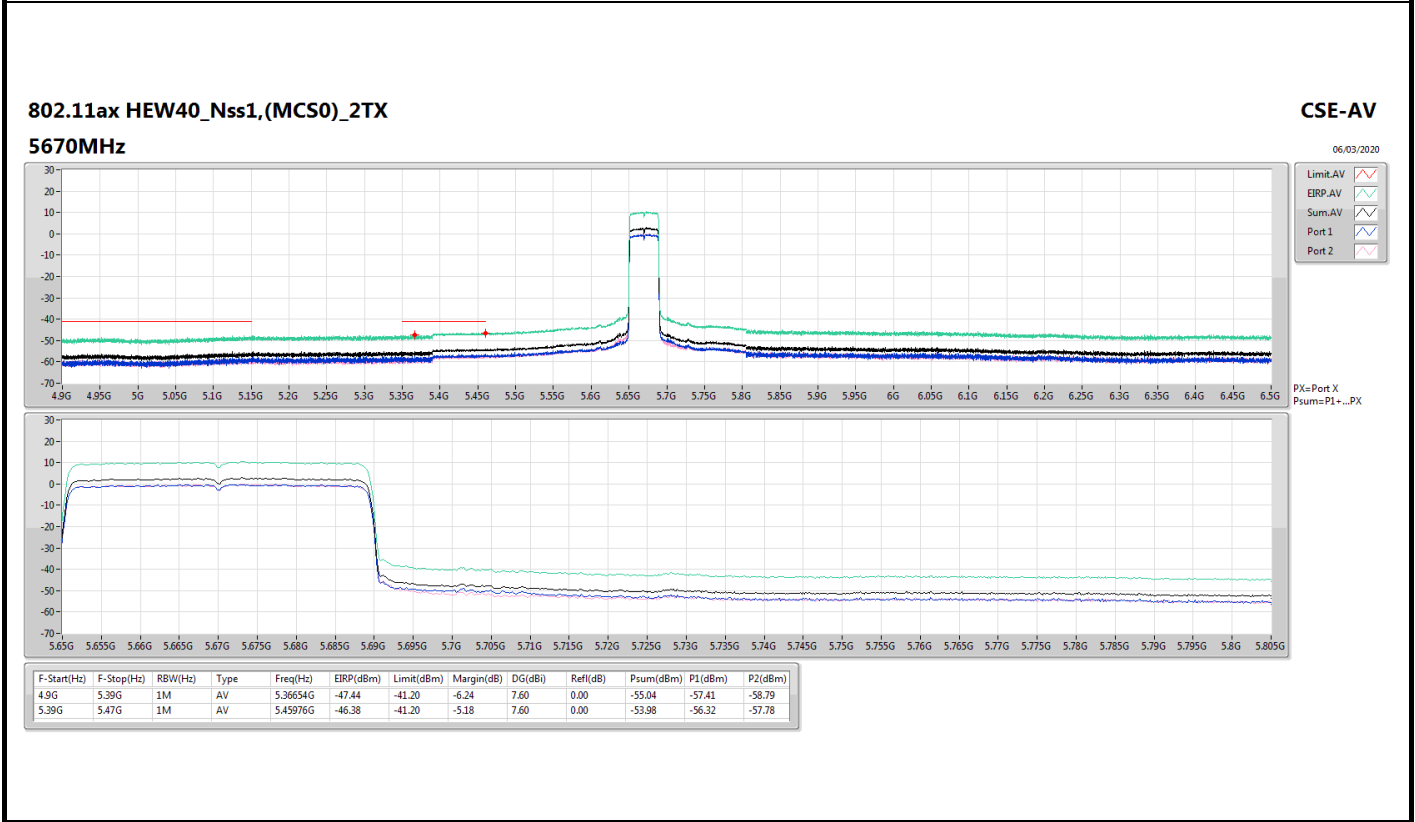
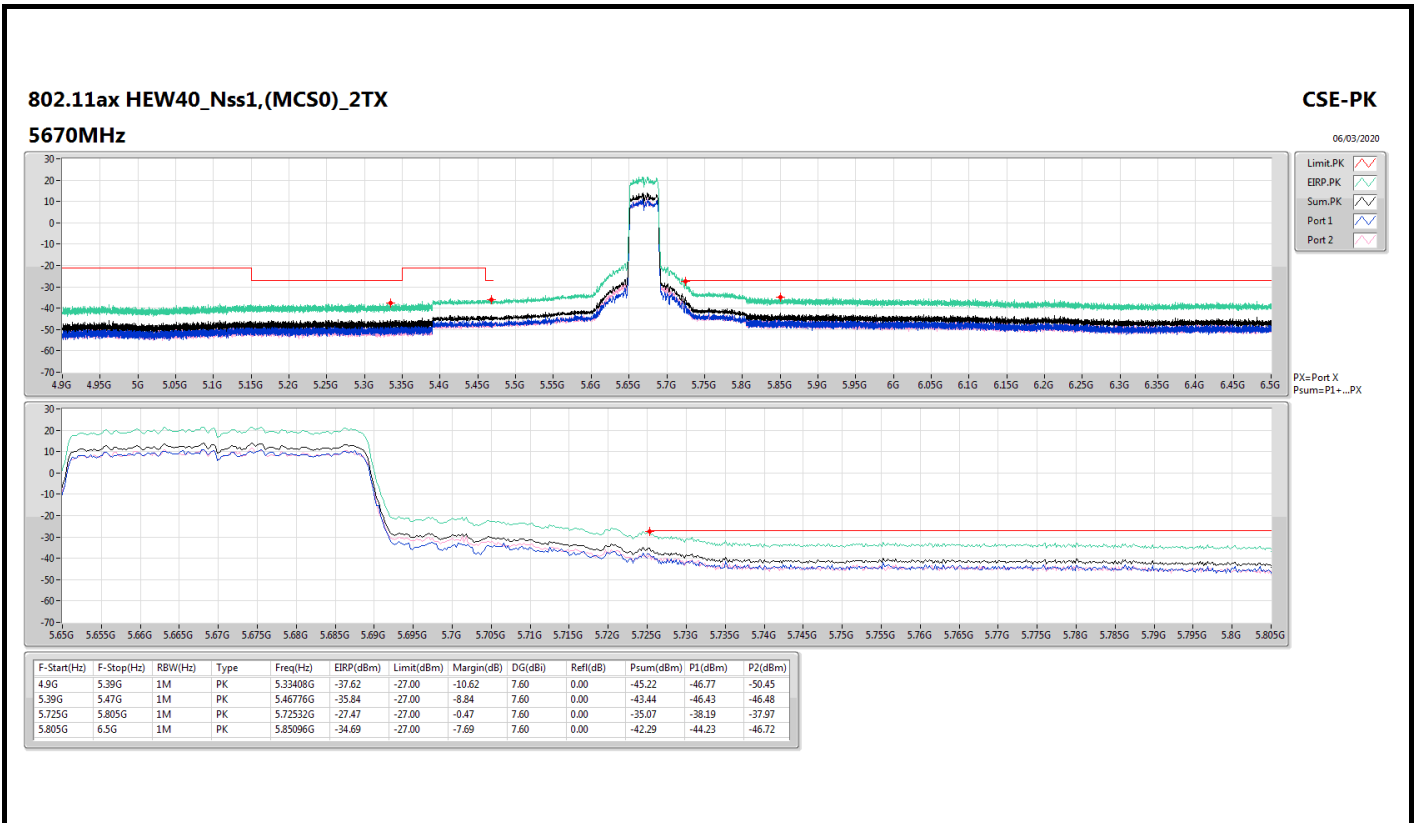


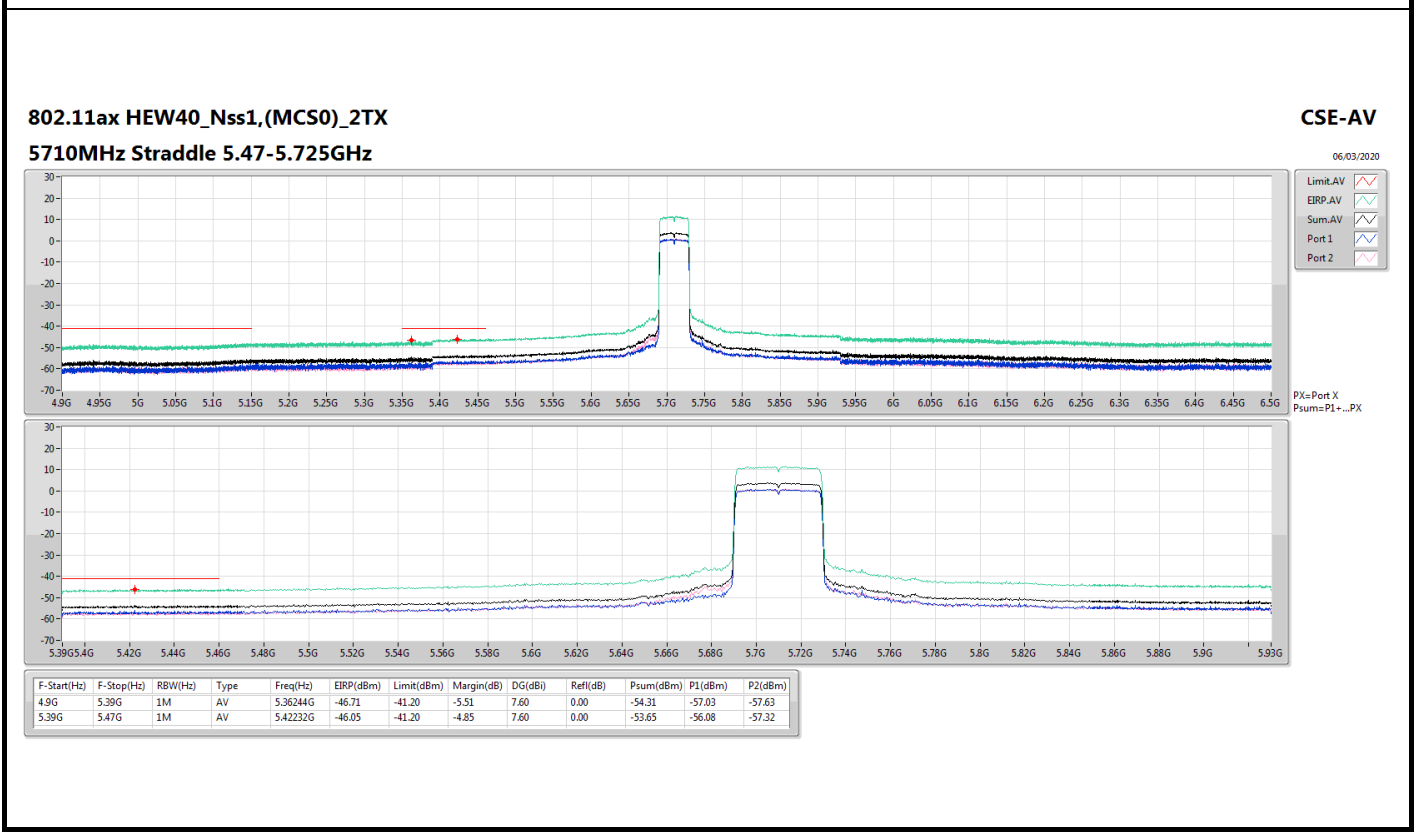
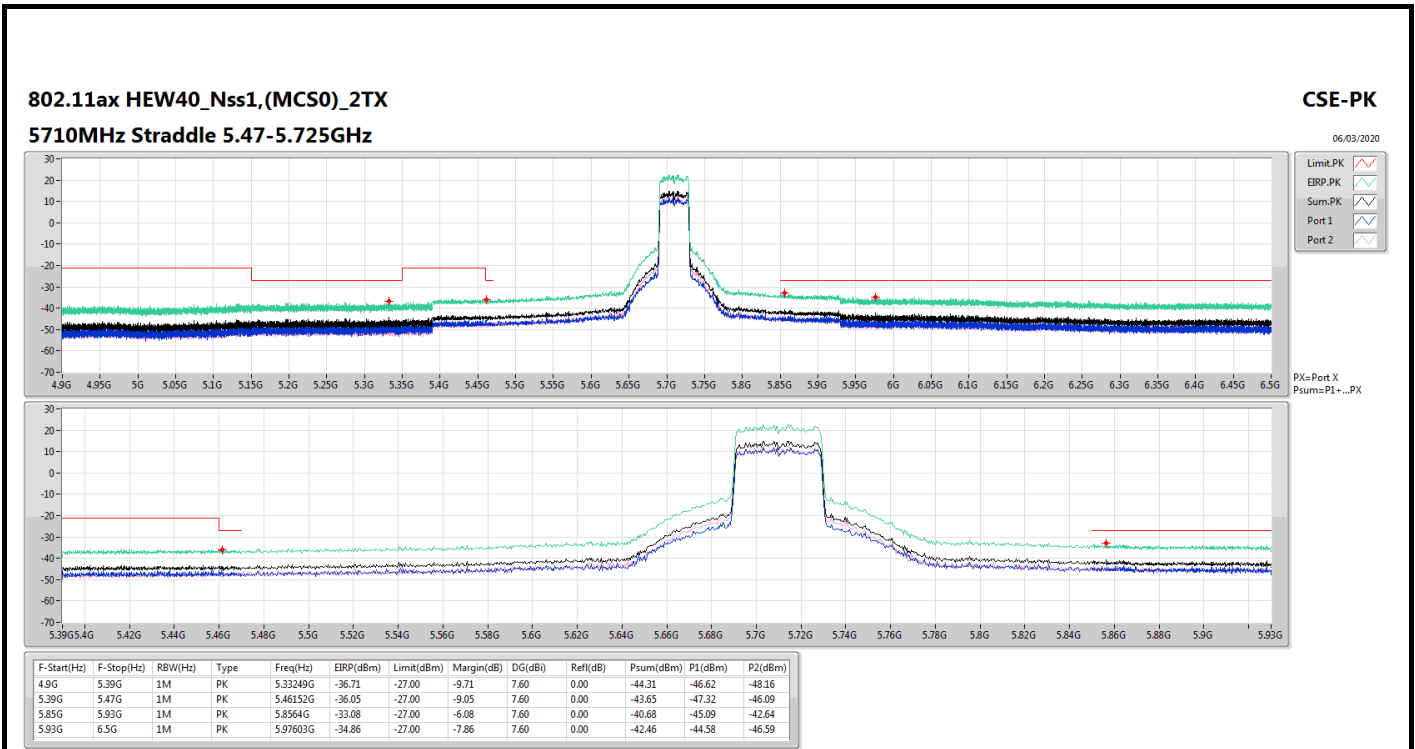


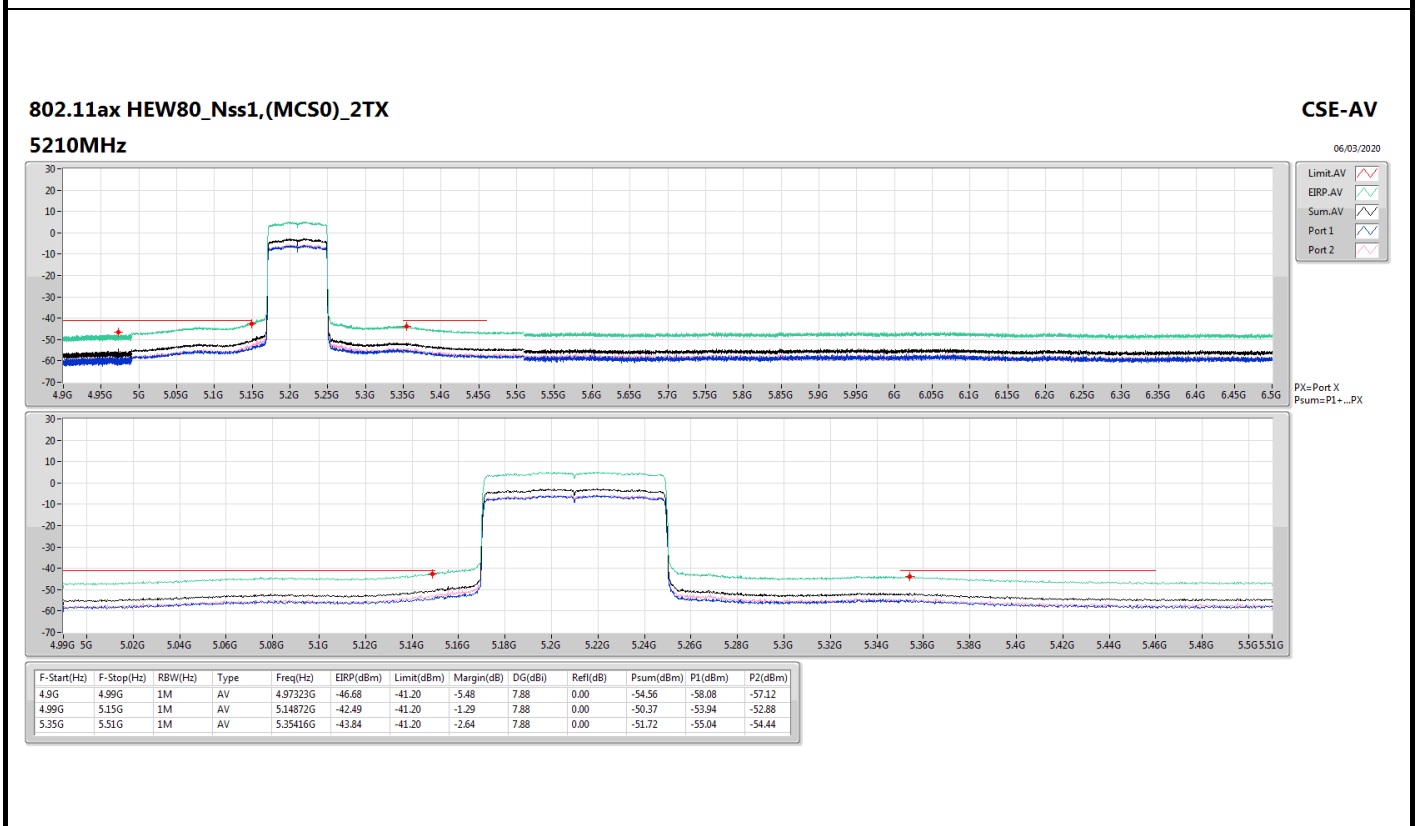
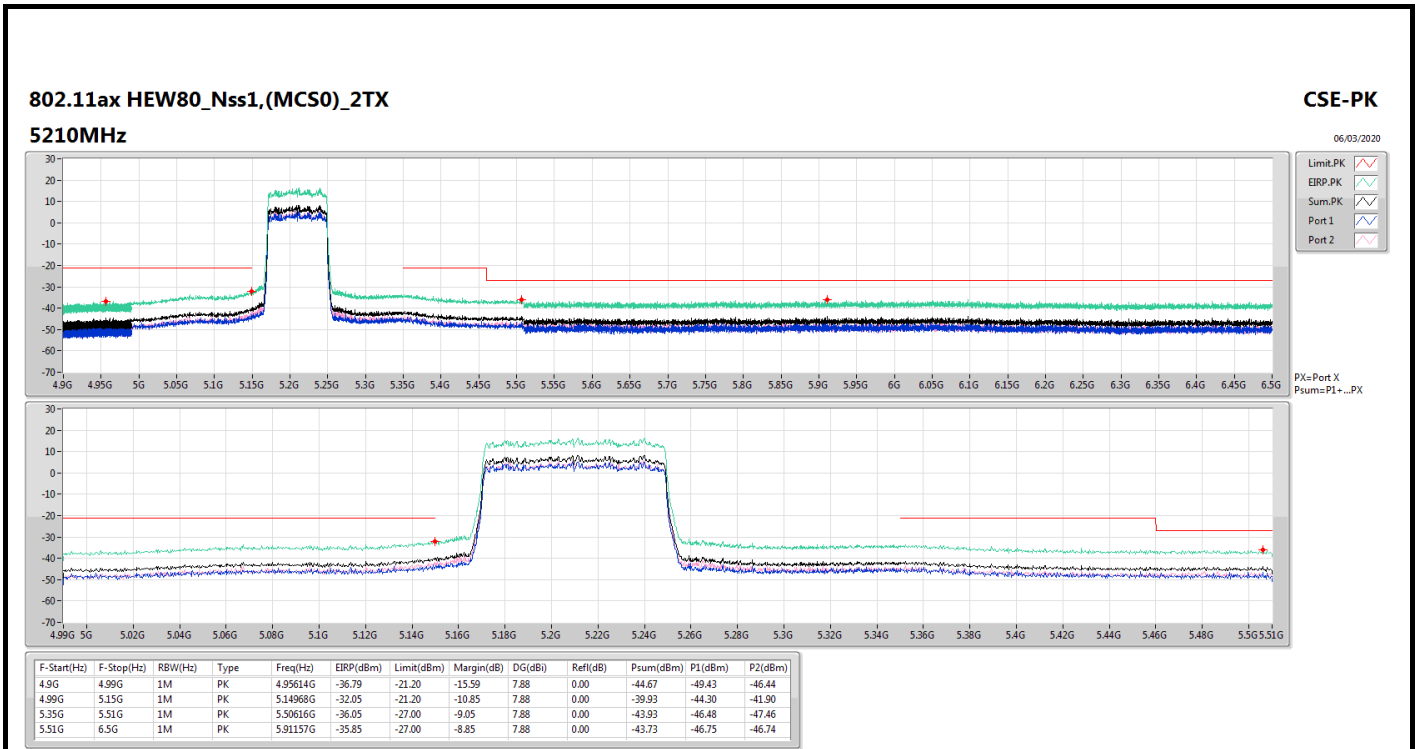


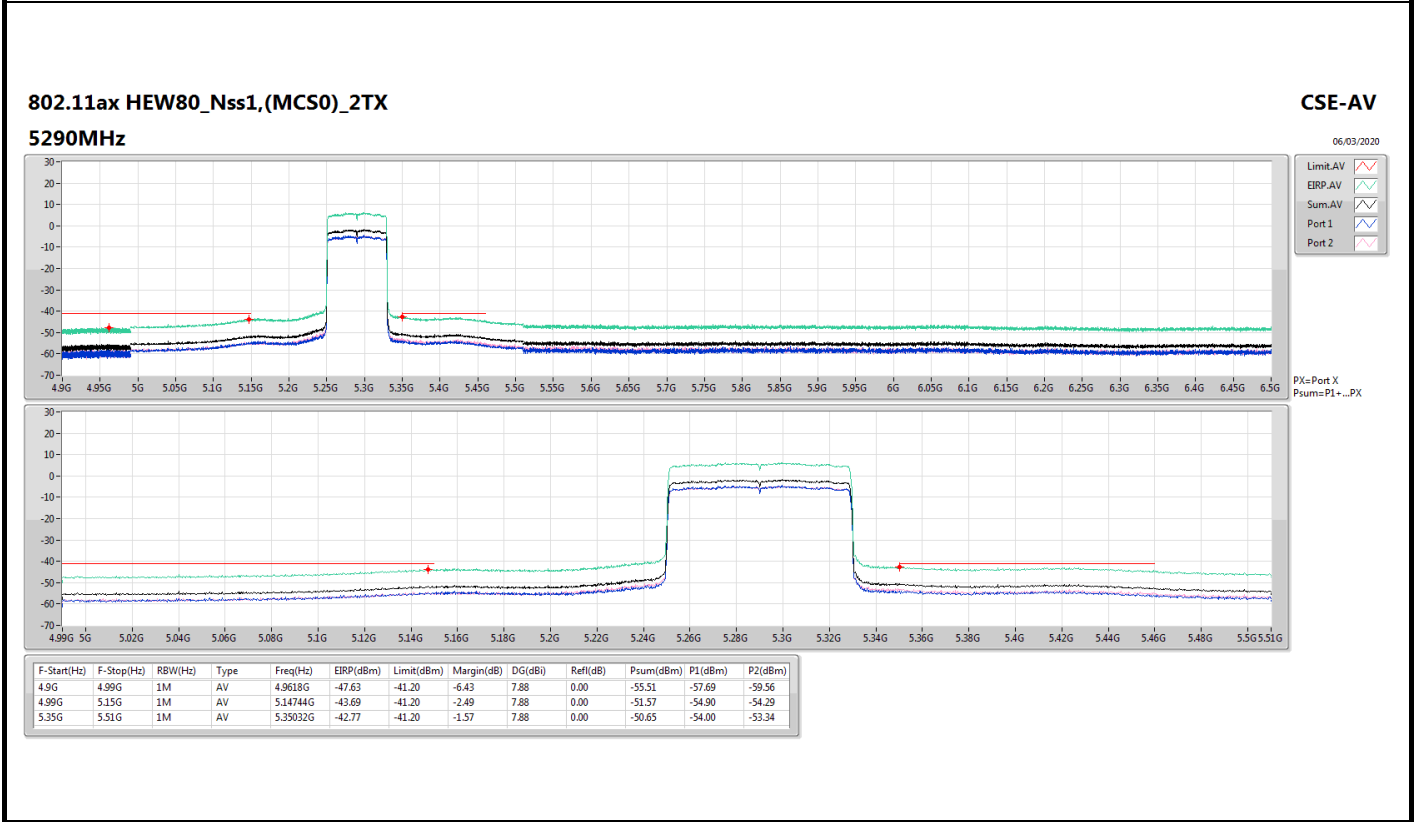
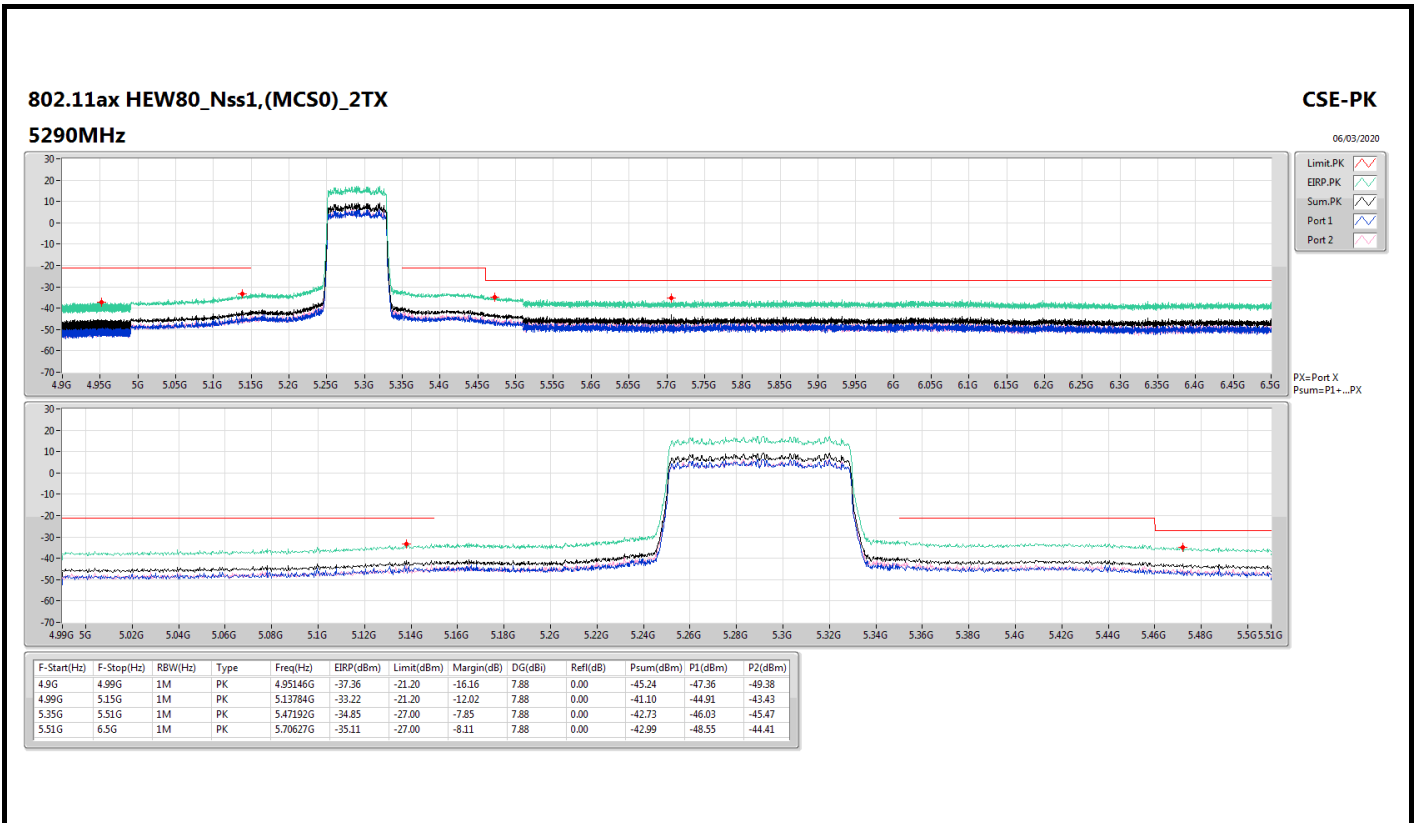










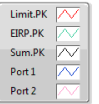
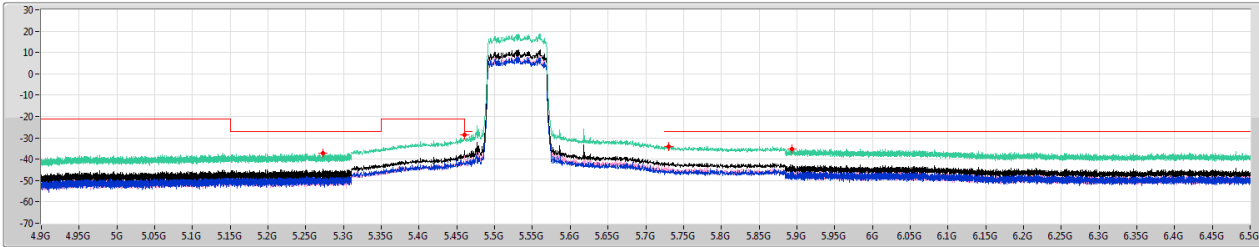


802.11ax HEW80_Nss1,(MCS0)_2TX

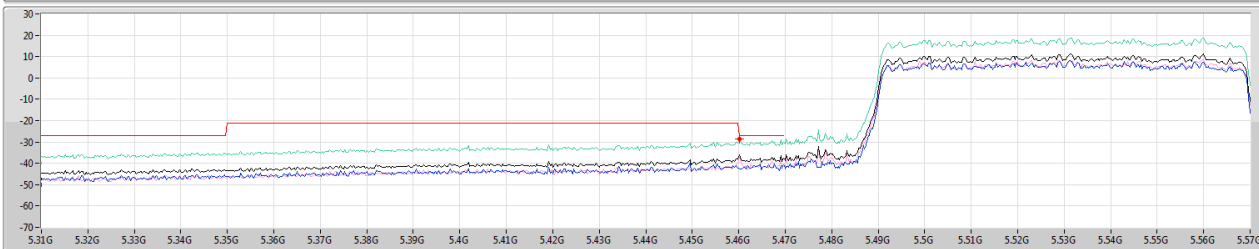
CSE-PK

5530MHz

06/03/2020



PX=Port X
Psum=P1+...PX



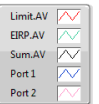
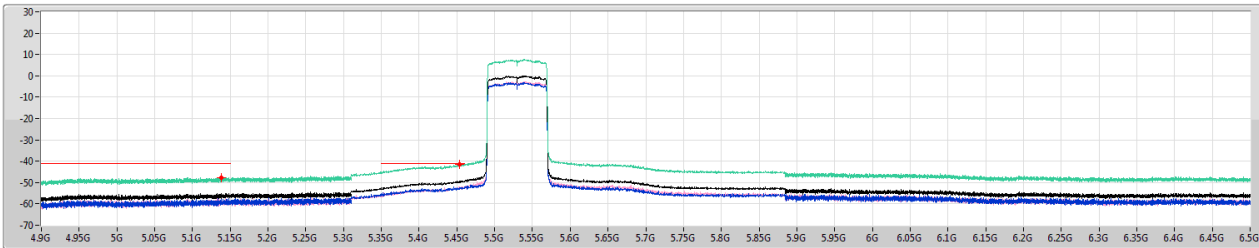
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.9G	5.31G	1M	PK	5.27274G	-37.15	-27.00	-10.15	7.60	0.00	-44.75	-50.61	-46.05
5.31G	5.47G	1M	PK	5.46008G	-28.58	-27.00	-1.58	7.60	0.00	-36.18	-42.57	-37.31
5.725G	5.885G	1M	PK	5.73044G	-33.89	-27.00	-6.89	7.60	0.00	-41.49	-46.13	-43.32
5.885G	6.5G	1M	PK	5.89315G	-35.04	-27.00	-8.04	7.60	0.00	-42.64	-45.12	-46.26

802.11ax HEW80_Nss1,(MCS0)_2TX

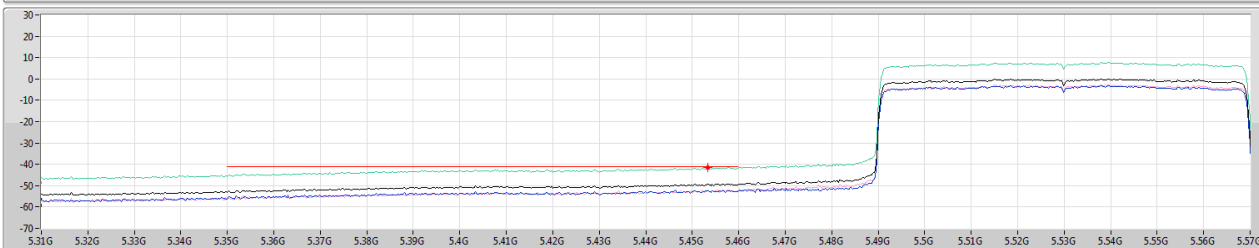
CSE-AV

5530MHz

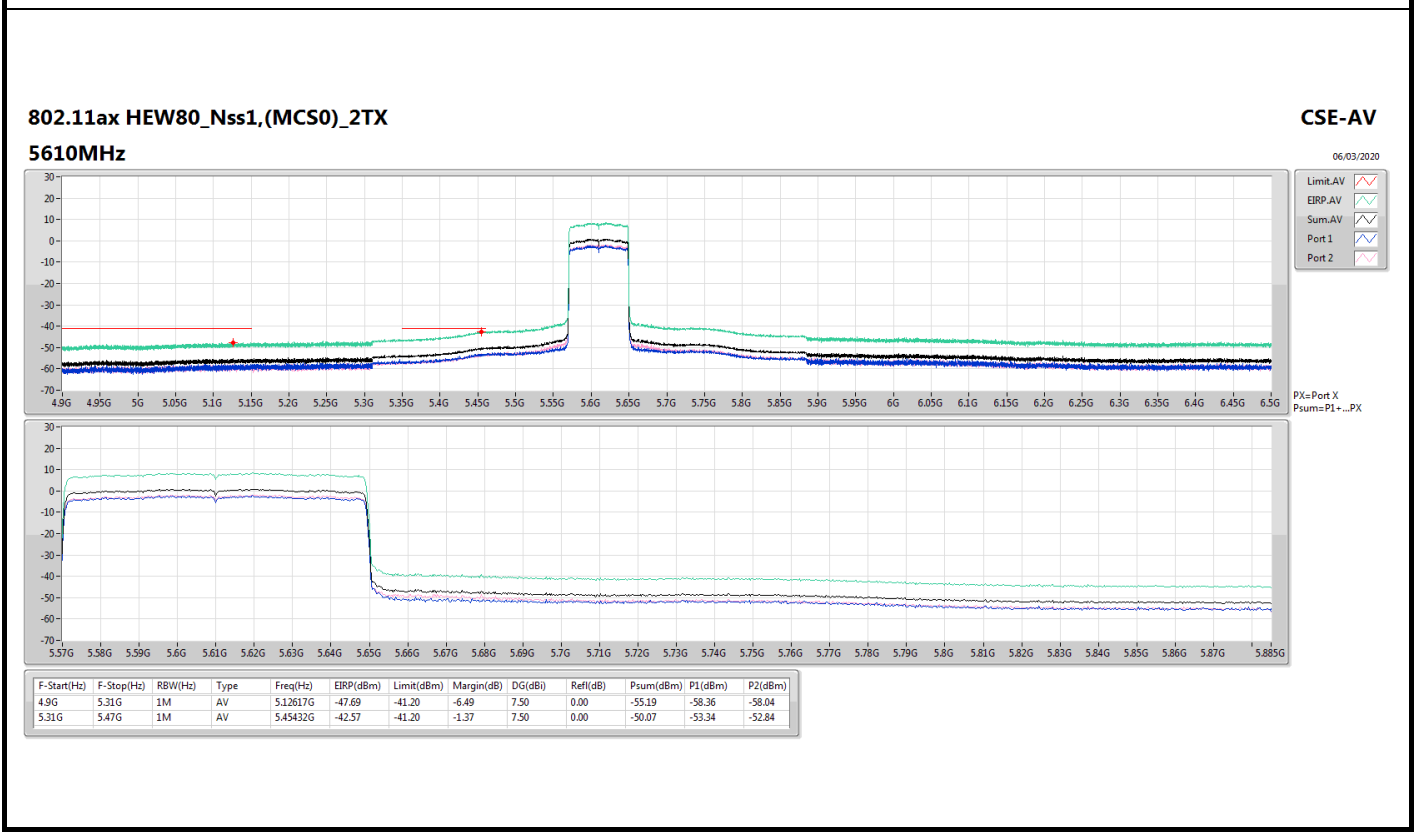
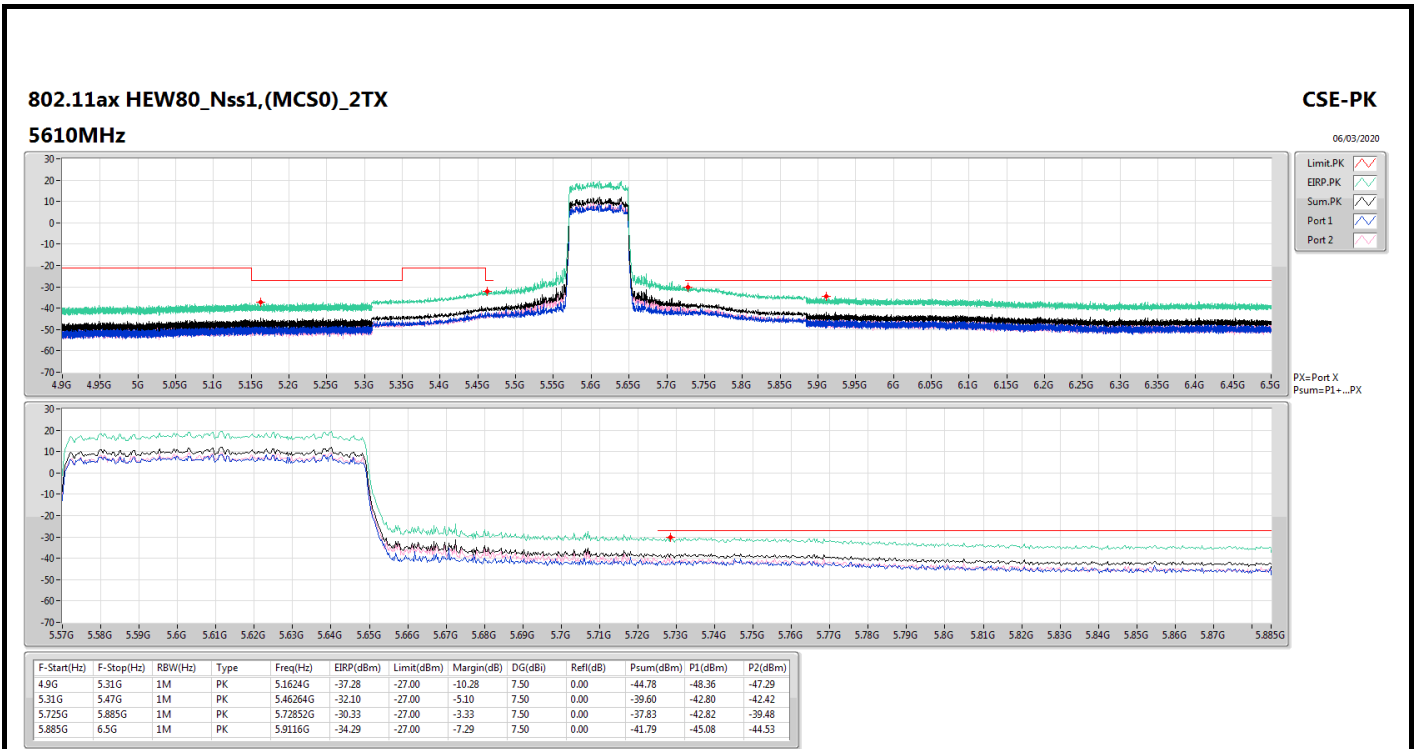
06/03/2020

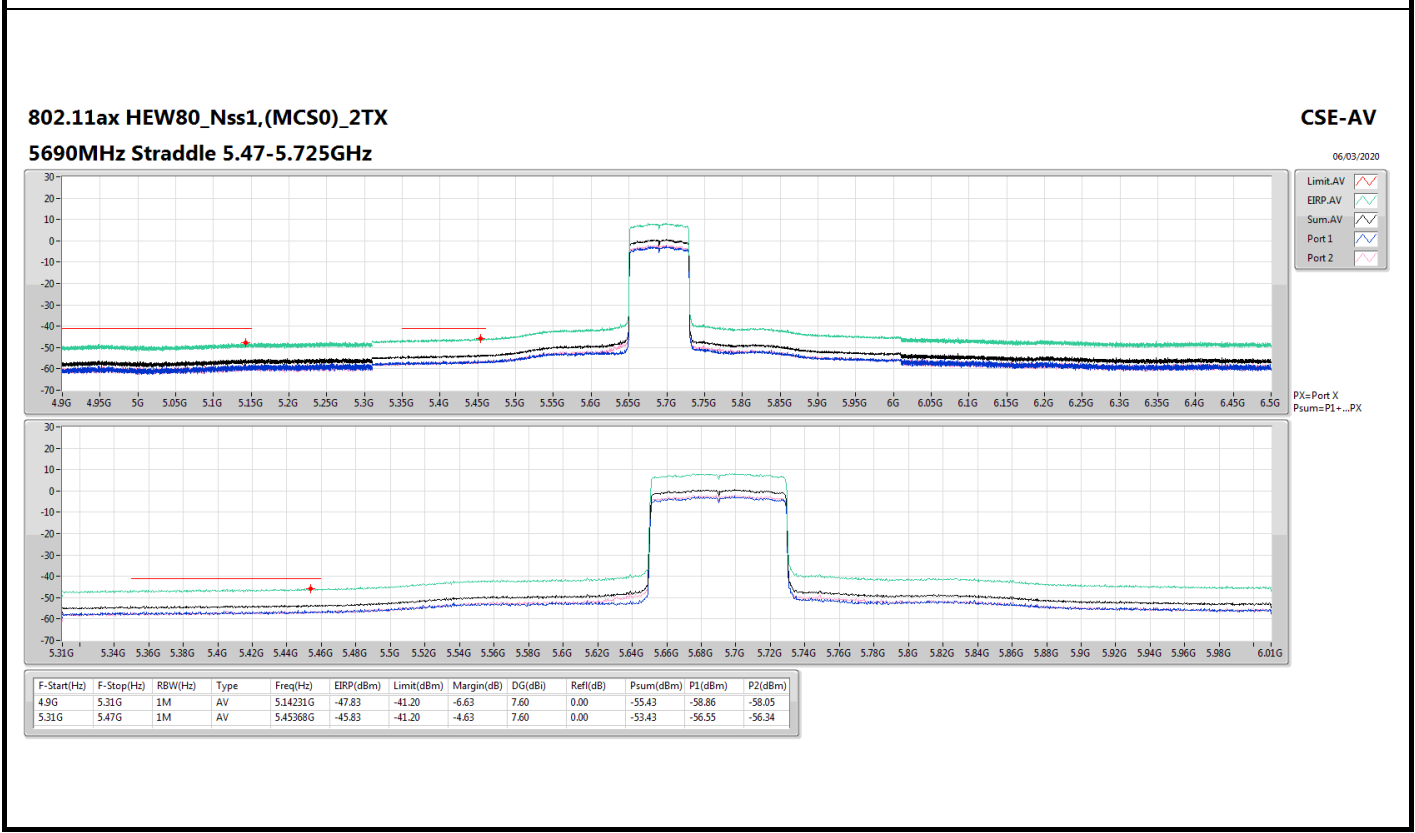
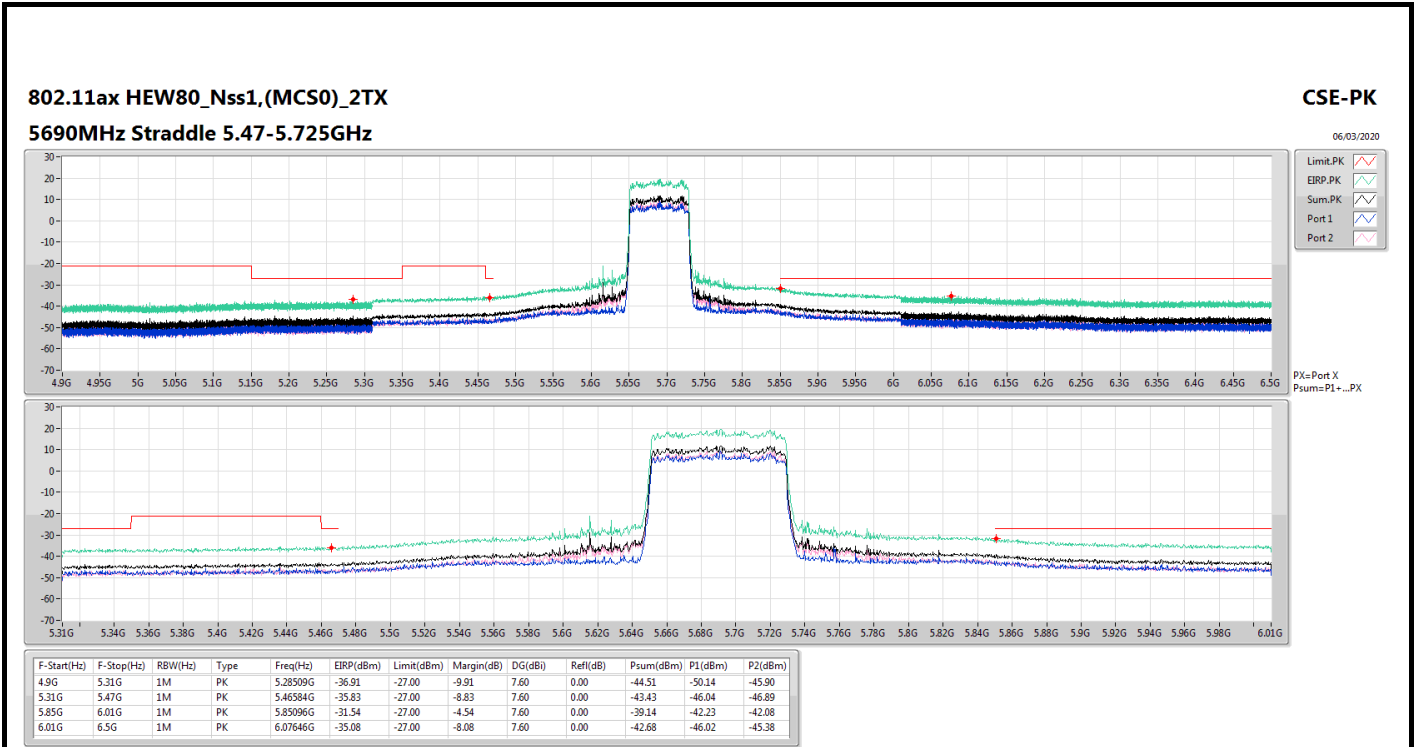


PX=Port X
Psum=P1+...PX



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)
4.9G	5.31G	1M	AV	5.13785G	-47.56	-41.20	-6.36	7.60	0.00	-55.16	-57.64	-58.77
5.31G	5.47G	1M	AV	5.45336G	-41.59	-41.20	-0.39	7.60	0.00	-49.19	-52.41	-52.00





<2T2S>

For Conducted Bandedge:

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	5.11G	5.15G	AV	5.1492G	4.75	-51.89	-50.58	-48.18	-43.43	-41.2	-2.23
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	5.15G	5.35G	AV	5.15G	4.75	-50.93	-49.32	-47.04	-42.29	-41.2	-1.09
802.11ax HEW80_Nss2,(MCS0)_2TX	Pass	4.99G	5.15G	AV	5.14904G	4.87	-51.39	-47.97	-46.34	-41.47	-41.2	-0.27
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	5.35G	5.39G	AV	5.35048G	4.74	-50.68	-51.01	-47.83	-43.09	-41.2	-1.89
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	5.35G	5.43G	AV	5.35272G	4.74	-51.26	-50.4	-47.8	-43.06	-41.2	-1.86
802.11ax HEW80_Nss2,(MCS0)_2TX	Pass	5.35G	5.51G	AV	5.35064G	4.87	-51.46	-51.14	-48.29	-43.42	-41.2	-2.22
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	5.725G	5.765G	PK	5.72676G	4.59	-35.53	-36.58	-33.01	-28.42	-27	-1.42
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	5.39G	5.47G	PK	5.46936G	4.59	-35.71	-34.96	-32.31	-27.72	-27	-0.72
802.11ax HEW80_Nss2,(MCS0)_2TX	Pass	5.31G	5.47G	PK	5.46872G	4.59	-36.97	-33.83	-32.11	-27.52	-27	-0.52

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

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dB)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.9G	5.11G	AV	5.10344G	4.75	-55.08	-56.11	-52.55	-47.80	-41.2	-6.60
5180MHz	Pass	5.11G	5.15G	AV	5.1492G	4.75	-51.89	-50.58	-48.18	-43.43	-41.2	-2.23
5180MHz	Pass	5.15G	5.35G	AV	5.15G	4.75	-52.54	-52.17	-49.34	-44.59	-41.2	-3.39
5180MHz	Pass	5.35G	5.39G	AV	5.38736G	4.75	-55.26	-55.56	-52.4	-47.65	-41.2	-6.45
5180MHz	Pass	5.39G	6.5G	AV	5.39056G	4.75	-56.64	-56.12	-53.36	-48.61	-41.2	-7.41
5180MHz	Pass	4.9G	5.11G	PK	5.10861G	4.75	-46.82	-44.87	-42.73	-37.98	-21.2	-16.78
5180MHz	Pass	5.11G	5.15G	PK	5.14936G	4.75	-34.19	-36.72	-32.26	-27.51	-21.2	-6.31
5180MHz	Pass	5.15G	5.35G	PK	5.15G	4.75	-35.83	-36.27	-33.03	-28.28	-21.2	-7.08
5180MHz	Pass	5.35G	5.39G	PK	5.38912G	4.75	-46.68	-44.08	-42.18	-37.43	-21.2	-16.23
5180MHz	Pass	5.39G	6.5G	PK	6.47308G	4.51	-49.56	-42.65	-41.84	-37.33	-27	-10.33
5320MHz	Pass	4.9G	5.11G	AV	5.09105G	4.74	-56.12	-56.71	-53.39	-48.65	-41.2	-7.45
5320MHz	Pass	5.11G	5.15G	AV	5.13688G	4.74	-55.77	-56.64	-53.17	-48.43	-41.2	-7.23
5320MHz	Pass	5.15G	5.35G	AV	5.35G	4.74	-52.27	-52.79	-49.51	-44.77	-41.2	-3.57
5320MHz	Pass	5.35G	5.39G	AV	5.35048G	4.74	-50.68	-51.01	-47.83	-43.09	-41.2	-1.89
5320MHz	Pass	5.39G	6.5G	AV	5.42316G	4.74	-56.4	-54.34	-52.24	-47.50	-41.2	-6.30
5320MHz	Pass	4.9G	5.11G	PK	5.03443G	4.74	-50.26	-44.39	-43.39	-38.65	-21.2	-17.45
5320MHz	Pass	5.11G	5.15G	PK	5.1104G	4.74	-44.35	-47.81	-42.73	-37.99	-21.2	-16.79
5320MHz	Pass	5.15G	5.35G	PK	5.35G	4.74	-35.49	-34.8	-32.12	-27.38	-21.2	-6.18
5320MHz	Pass	5.35G	5.39G	PK	5.35008G	4.74	-34.9	-35.28	-32.08	-27.34	-21.2	-6.14
5320MHz	Pass	5.39G	6.5G	PK	5.77087G	4.74	-46.8	-45.02	-42.81	-38.07	-27	-11.07
5500MHz	Pass	4.9G	5.43G	AV	5.40191G	4.59	-56.82	-55.51	-53.11	-48.52	-41.20	-7.32
5500MHz	Pass	5.43G	5.47G	AV	5.45992G	4.59	-54.83	-54.19	-51.49	-46.90	-41.20	-5.70
5500MHz	Pass	4.9G	5.43G	PK	5.25742G	4.59	-44.85	-50.84	-43.87	-39.28	-27.00	-12.28
5500MHz	Pass	5.43G	5.47G	PK	5.46944G	4.59	-38.90	-38.01	-35.42	-30.83	-27.00	-3.83
5500MHz	Pass	5.47G	5.725G	PK	5.47G	4.59	-40.00	-38.35	-36.09	-31.50	-27.00	-4.50
5500MHz	Pass	5.725G	5.765G	PK	5.73364G	4.59	-43.56	-47.54	-42.10	-37.51	-27.00	-10.51
5500MHz	Pass	5.765G	6.5G	PK	5.83657G	4.59	-44.04	-47.10	-42.30	-37.71	-27.00	-10.71
5700MHz	Pass	4.9G	5.43G	AV	5.38601G	4.59	-57.6	-57.57	-54.57	-49.98	-41.2	-8.78
5700MHz	Pass	5.43G	5.47G	AV	5.43896G	4.59	-56.81	-57.24	-54.01	-49.42	-41.2	-8.22
5700MHz	Pass	4.9G	5.43G	PK	5.19163G	4.59	-48.79	-46.7	-44.61	-40.02	-27	-13.02
5700MHz	Pass	5.43G	5.47G	PK	5.46056G	4.59	-47.05	-46.4	-43.7	-39.11	-27	-12.11
5700MHz	Pass	5.47G	5.725G	PK	5.725G	4.59	-35.76	-42.42	-34.91	-30.32	-27	-3.32
5700MHz	Pass	5.725G	5.765G	PK	5.72676G	4.59	-35.53	-36.58	-33.01	-28.42	-27	-1.42
5700MHz	Pass	5.765G	6.5G	PK	5.78227G	4.59	-44.44	-46.36	-42.28	-37.69	-27	-10.69
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.9G	5.07G	AV	5.06766G	4.75	-57.23	-56.14	-53.64	-48.89	-41.2	-7.69
5190MHz	Pass	5.07G	5.15G	AV	5.14984G	4.75	-50.34	-49.85	-47.08	-42.33	-41.2	-1.13
5190MHz	Pass	5.15G	5.35G	AV	5.15G	4.75	-50.93	-49.32	-47.04	-42.29	-41.2	-1.09
5190MHz	Pass	5.35G	5.43G	AV	5.35272G	4.75	-55.75	-55.83	-52.78	-48.03	-41.2	-6.83
5190MHz	Pass	5.43G	6.5G	AV	5.44752G	4.75	-57.88	-56.49	-54.12	-49.37	-41.2	-8.17
5190MHz	Pass	4.9G	5.07G	PK	5.06577G	4.75	-49	-44.99	-43.54	-38.79	-21.2	-17.59
5190MHz	Pass	5.07G	5.15G	PK	5.14904G	4.75	-34.73	-31.21	-29.61	-24.86	-21.2	-3.66
5190MHz	Pass	5.15G	5.35G	PK	5.15G	4.75	-34.85	-31.94	-30.15	-25.40	-21.2	-4.20
5190MHz	Pass	5.35G	5.43G	PK	5.3556G	4.75	-47.72	-44.01	-42.47	-37.72	-21.2	-16.52
5190MHz	Pass	5.43G	6.5G	PK	5.46223G	4.75	-46.79	-46.05	-43.39	-38.64	-27	-11.64
5310MHz	Pass	4.9G	5.07G	AV	5.03105G	4.74	-56.78	-57.44	-54.09	-49.35	-41.2	-8.15
5310MHz	Pass	5.07G	5.15G	AV	5.12488G	4.74	-56.55	-55.42	-52.94	-48.20	-41.2	-7.00
5310MHz	Pass	5.15G	5.35G	AV	5.35G	4.74	-52.16	-51.75	-48.94	-44.20	-41.2	-3.00
5310MHz	Pass	5.35G	5.43G	AV	5.35272G	4.74	-51.26	-50.4	-47.8	-43.06	-41.2	-1.86
5310MHz	Pass	5.43G	6.5G	AV	5.45301G	4.74	-56.31	-56.12	-53.2	-48.46	-41.2	-7.26
5310MHz	Pass	4.9G	5.07G	PK	5.03252G	4.74	-48.4	-45.51	-43.71	-38.97	-21.2	-17.77
5310MHz	Pass	5.07G	5.15G	PK	5.12456G	4.74	-45.54	-45.13	-42.32	-37.58	-21.2	-16.38

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5310MHz	Pass	5.15G	5.35G	PK	5.35G	4.74	-37.95	-35.01	-33.23	-28.49	-21.2	-7.29
5310MHz	Pass	5.35G	5.43G	PK	5.35192G	4.74	-39.02	-33.81	-32.67	-27.93	-21.2	-6.73
5310MHz	Pass	5.43G	6.5G	PK	5.51921G	4.74	-47.62	-44.66	-42.88	-38.14	-27	-11.14
5510MHz	Pass	4.9G	5.39G	AV	5.38339G	4.59	-56.08	-57.17	-53.58	-48.99	-41.2	-7.79
5510MHz	Pass	5.39G	5.47G	AV	5.45688G	4.59	-52.96	-52.46	-49.69	-45.10	-41.2	-3.90
5510MHz	Pass	4.9G	5.39G	PK	5.33218G	4.59	-47.45	-46.48	-43.93	-39.34	-27	-12.34
5510MHz	Pass	5.39G	5.47G	PK	5.46936G	4.59	-35.71	-34.96	-32.31	-27.72	-27	-0.72
5510MHz	Pass	5.47G	5.725G	PK	5.47G	4.59	-36.28	-35.85	-33.05	-28.46	-27	-1.46
5510MHz	Pass	5.725G	5.805G	PK	5.79636G	4.59	-46.98	-43.73	-42.05	-37.46	-27	-10.46
5510MHz	Pass	5.805G	6.5G	PK	5.96398G	4.59	-46.57	-45.32	-42.89	-38.30	-27	-11.30
5670MHz	Pass	4.9G	5.39G	AV	5.36066G	4.59	-57.01	-57.21	-54.1	-49.51	-41.2	-8.31
5670MHz	Pass	5.39G	5.47G	AV	5.45336G	4.59	-55.94	-56.83	-53.35	-48.76	-41.2	-7.56
5670MHz	Pass	4.9G	5.39G	PK	5.34731G	4.59	-48.22	-45.67	-43.75	-39.16	-27	-12.16
5670MHz	Pass	5.39G	5.47G	PK	5.462G	4.59	-46.08	-45.39	-42.71	-38.12	-27	-11.12
5670MHz	Pass	5.47G	5.725G	PK	5.725G	4.59	-38.8	-38.15	-35.45	-30.86	-27	-3.86
5670MHz	Pass	5.725G	5.805G	PK	5.72612G	4.59	-40.22	-37.6	-35.71	-31.12	-27	-4.12
5670MHz	Pass	5.805G	6.5G	PK	5.81864G	4.59	-43.95	-47.29	-42.3	-37.71	-27	-10.71
802.11ax HEW80_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.9G	4.99G	AV	4.96949G	4.87	-57.88	-56.51	-54.13	-49.26	-41.2	-8.06
5210MHz	Pass	4.99G	5.15G	AV	5.14904G	4.87	-51.39	-47.97	-46.34	-41.47	-41.2	-0.27
5210MHz	Pass	5.15G	5.35G	AV	5.15G	4.87	-50.9	-48.33	-46.42	-41.55	-41.2	-0.35
5210MHz	Pass	5.35G	5.51G	AV	5.36184G	4.87	-52.64	-52.94	-49.78	-44.91	-41.2	-3.71
5210MHz	Pass	4.9G	4.99G	PK	4.97307G	4.87	-48.02	-46.19	-44	-39.13	-21.2	-17.93
5210MHz	Pass	4.99G	5.15G	PK	5.14968G	4.87	-35.71	-34.62	-32.12	-27.25	-21.2	-6.05
5210MHz	Pass	5.15G	5.35G	PK	5.15G	4.87	-38.93	-37.28	-35.02	-30.15	-21.2	-8.95
5210MHz	Pass	5.35G	5.51G	PK	5.47256G	4.87	-45.3	-45.75	-42.51	-37.64	-27	-10.64
5210MHz	Pass	5.51G	6.5G	PK	5.51668G	4.87	-47.12	-44.92	-42.87	-38.00	-27	-11.00
5290MHz	Pass	4.9G	4.99G	AV	4.94098G	4.87	-57.54	-57.91	-54.71	-49.84	-41.2	-8.64
5290MHz	Pass	4.99G	5.15G	AV	5.14136G	4.87	-53.37	-53.66	-50.5	-45.63	-41.2	-4.43
5290MHz	Pass	5.15G	5.35G	AV	5.35G	4.87	-51.89	-50.82	-48.31	-43.44	-41.2	-2.24
5290MHz	Pass	5.35G	5.51G	AV	5.35064G	4.87	-51.46	-51.14	-48.29	-43.42	-41.2	-2.22
5290MHz	Pass	4.9G	4.99G	PK	4.92271G	4.87	-46.99	-47.36	-44.16	-39.29	-21.2	-18.09
5290MHz	Pass	4.99G	5.15G	PK	5.13976G	4.87	-45.06	-42.16	-40.36	-35.49	-21.2	-14.29
5290MHz	Pass	5.15G	5.35G	PK	5.35G	4.87	-39.91	-37.85	-35.75	-30.88	-21.2	-9.68
5290MHz	Pass	5.35G	5.51G	PK	5.3516G	4.87	-38.72	-36.95	-34.74	-29.87	-21.2	-8.67
5290MHz	Pass	5.51G	6.5G	PK	5.52733G	4.87	-48.37	-44.13	-42.74	-37.87	-27	-10.87
5530MHz	Pass	4.9G	5.31G	AV	5.1131G	4.59	-57.04	-56.63	-53.82	-49.23	-41.2	-8.03
5530MHz	Pass	5.31G	5.47G	AV	5.45976G	4.59	-51.82	-49.1	-47.24	-42.65	-41.2	-1.45
5530MHz	Pass	4.9G	5.31G	PK	5.30062G	4.59	-48.82	-45.42	-43.79	-39.20	-27	-12.20
5530MHz	Pass	5.31G	5.47G	PK	5.46872G	4.59	-36.97	-33.83	-32.11	-27.52	-27	-0.52
5530MHz	Pass	5.47G	5.725G	PK	5.47G	4.59	-39.58	-36.75	-34.93	-30.34	-27	-3.34
5530MHz	Pass	5.725G	5.885G	PK	5.7266G	4.59	-45.49	-42.2	-40.53	-35.94	-27	-8.94
5530MHz	Pass	5.885G	6.5G	PK	5.91398G	4.59	-48.15	-44.52	-42.96	-38.37	-27	-11.37

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

