



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
HEW80_RU242_Index61_80MHz_Nss1,(MCS0)_2TX												
802.11ax HEW80_RU242_Index64_80MHz_Nss1,(MCS0)_2TX	Pass	5.1G	5.15G	AV	5.14975G	7.41	-57.75	-55.58	-53.52	-46.11	-41.20	-4.91
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	Pass	5.1G	5.15G	AV	5.149G	7.41	-53.57	-52.96	-50.24	-42.83	-41.20	-1.63
802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX	Pass	5.1G	5.15G	AV	5.1474G	7.41	-57.65	-55.66	-53.53	-46.12	-41.20	-4.92
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.36218G	7.41	-56.94	-53.21	-51.68	-44.27	-41.20	-3.07
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.3512G	7.41	-56.25	-55.99	-53.11	-45.70	-41.20	-4.50
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.36248G	7.41	-56.86	-53.84	-52.08	-44.67	-41.20	-3.47
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35426G	7.41	-55.15	-52.32	-50.50	-43.09	-41.20	-1.89
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35033G	7.41	-54.70	-54.98	-51.83	-44.42	-41.20	-3.22
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35042G	7.41	-54.64	-52.56	-50.47	-43.06	-41.20	-1.86
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35045G	7.41	-53.78	-52.36	-50.00	-42.59	-41.20	-1.39
802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35G	7.41	-54.48	-52.40	-50.31	-42.90	-41.20	-1.70
802.11ax HEW40_RU26_Index0_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.36335G	7.41	-58.31	-52.84	-51.76	-44.35	-41.20	-3.15
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35018G	7.41	-59.37	-57.19	-55.13	-47.72	-41.20	-6.52
802.11ax HEW40_RU26_Index17_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.36389G	7.41	-54.90	-51.32	-49.74	-42.33	-41.20	-1.13
802.11ax HEW40_RU52_Index37_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.36107G	7.41	-55.58	-52.77	-50.94	-43.53	-41.20	-2.33
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35117G	7.41	-57.22	-56.12	-53.62	-46.21	-41.20	-5.01
802.11ax HEW40_RU52_Index44_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35012G	7.41	-54.14	-53.04	-50.54	-43.13	-41.20	-1.93
802.11ax HEW40_RU106_Index53_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35075G	7.41	-57.67	-53.75	-52.27	-44.86	-41.20	-3.66
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35075G	7.41	-54.36	-53.30	-50.79	-43.38	-41.20	-2.18
802.11ax HEW40_RU106_Index56_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35309G	7.41	-53.83	-52.48	-50.09	-42.68	-41.20	-1.48
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35219G	7.41	-55.70	-51.41	-50.04	-42.63	-41.20	-1.43
802.11ax HEW40_RU242_Index62_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35009G	7.41	-53.93	-51.97	-49.83	-42.42	-41.20	-1.22
802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX	Pass	5.38G	7G	AV	5.40349G	7.41	-58.69	-55.15	-53.56	-46.15	-41.20	-4.95
802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX	Pass	5.38G	7G	AV	5.40349G	7.41	-56.50	-53.30	-51.60	-44.19	-41.20	-2.99
802.11ax HEW80_RU52_Index37_80MHz_Nss1,(MCS0)_2TX	Pass	5.38G	7G	AV	5.40106G	7.41	-56.84	-54.61	-52.57	-45.16	-41.20	-3.96



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
802.11ax HEW80_RU52_Index52_80MHz_Nss1,(MCS0)_2TX	Pass	5.38G	7G	AV	5.40025G	7.41	-53.25	-53.46	-50.34	-42.93	-41.20	-1.73
802.11ax HEW80_RU106_Index53_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.3539G	7.41	-56.61	-56.02	-53.29	-45.88	-41.20	-4.68
802.11ax HEW80_RU106_Index60_80MHz_Nss1,(MCS0)_2TX	Pass	5.38G	7G	AV	5.39337G	7.41	-52.98	-53.36	-50.16	-42.75	-41.20	-1.55
802.11ax HEW80_RU242_Index61_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.3503G	7.41	-56.76	-53.74	-51.98	-44.57	-41.20	-3.37
802.11ax HEW80_RU242_Index64_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.37784G	7.41	-53.07	-53.85	-50.43	-43.02	-41.20	-1.82
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35006G	7.41	-55.46	-54.97	-52.20	-44.79	-41.20	-3.59
802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.38G	AV	5.35066G	7.41	-55.18	-52.22	-50.44	-43.03	-41.20	-1.83
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45728G	7.41	-56.35	-52.41	-50.94	-43.53	-41.20	-2.33
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.72633G	7.41	-39.15	-39.57	-36.34	-28.93	-27.00	-1.93
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.4586G	7.41	-58.48	-58.45	-55.45	-48.04	-41.20	-6.84
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.72585G	7.41	-38.23	-39.13	-35.65	-28.24	-27.00	-1.24
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45872G	7.41	-57.80	-57.70	-54.74	-47.33	-41.20	-6.13
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45968G	7.41	-54.80	-52.64	-50.58	-43.17	-41.20	-1.97
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.4598G	7.41	-53.53	-51.95	-49.66	-42.25	-41.20	-1.05
802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45884G	7.41	-53.73	-52.08	-49.82	-42.41	-41.20	-1.21
802.11ax HEW40_RU26_Index0_40MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.725G	7.41	-38.45	-39.68	-36.01	-28.60	-27.00	-1.60
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.35G	AV	5.35G	7.41	-57.67	-58.08	-54.86	-47.45	-41.20	-6.25
802.11ax HEW40_RU26_Index17_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.4562G	7.41	-57.94	-54.57	-52.93	-45.52	-41.20	-4.32
802.11ax HEW40_RU52_Index37_40MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.7252G	7.41	-38.66	-38.31	-35.47	-28.06	-27.00	-1.06
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.35G	AV	5.35G	7.41	-57.91	-57.91	-54.90	-47.49	-41.20	-6.29
802.11ax HEW40_RU52_Index44_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.4586G	7.41	-57.21	-53.85	-52.20	-44.79	-41.20	-3.59
802.11ax HEW40_RU106_Index53_40MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.72513G	7.41	-38.32	-40.12	-36.12	-28.71	-27.00	-1.71
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45824G	7.41	-56.69	-55.63	-53.12	-45.71	-41.20	-4.51
802.11ax HEW40_RU106_Index56_40MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.74198G	7.41	-48.96	-37.64	-37.33	-29.92	-27.00	-2.92
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45932G	7.41	-55.88	-51.88	-50.42	-43.01	-41.20	-1.81
802.11ax HEW40_RU242_Index62_40MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.73018G	7.41	-44.29	-36.20	-35.57	-28.16	-27.00	-1.16



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.72523G	7.41	-43.87	-36.25	-35.56	-28.15	-27.00	-1.15
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.18	-59.32	-56.24	-48.83	-41.20	-7.63
802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.725G	7.41	-47.27	-40.30	-39.50	-32.09	-27.00	-5.09
802.11ax HEW80_RU52_Index37_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.7252G	7.41	-38.02	-39.41	-35.65	-28.24	-27.00	-1.24
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.57	-59.08	-56.31	-48.90	-41.20	-7.70
802.11ax HEW80_RU52_Index52_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.725G	7.41	-40.92	-44.34	-39.29	-31.88	-27.00	-4.88
802.11ax HEW80_RU106_Index53_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.725G	7.41	-41.05	-37.86	-36.16	-28.75	-27.00	-1.75
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.89	-59.28	-56.07	-48.66	-41.20	-7.46
802.11ax HEW80_RU106_Index60_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.72535G	7.41	-39.30	-44.77	-38.22	-30.81	-27.00	-3.81
802.11ax HEW80_RU242_Index61_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.44072G	7.41	-53.26	-52.10	-49.63	-42.22	-41.20	-1.02
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45968G	7.41	-56.45	-57.02	-53.72	-46.31	-41.20	-5.11
802.11ax HEW80_RU242_Index64_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45776G	7.41	-56.64	-55.41	-52.97	-45.56	-41.20	-4.36
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	Pass	5.35G	5.47G	AV	5.45968G	7.41	-55.79	-53.61	-51.55	-44.14	-41.20	-2.94
802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX	Pass	5.725G	5.75G	PK	5.73325G	7.41	-45.19	-37.21	-36.57	-29.16	-27.00	-2.16
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64855G	7.41	-40.93	-40.16	-37.52	-30.11	-27.00	-3.11
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.9248G	7.41	-42.17	-39.29	-37.49	-30.08	-26.85	-3.23
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	Pass	5.925G	7G	PK	5.94247G	7.41	-44.73	-41.74	-39.97	-32.56	-27.00	-5.56
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.92485G	7.41	-43.43	-38.47	-37.27	-29.86	-26.89	-2.97
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.6G	AV	5.3822G	7.41	-58.45	-56.95	-54.63	-47.22	-41.20	-6.02
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.92495G	7.41	-41.10	-39.71	-37.34	-29.93	-26.96	-2.97
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64985G	7.41	-40.98	-40.25	-37.59	-30.18	-27.00	-3.18
802.11ax HEW20_RU106_Index54_20MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.9247G	7.41	-39.99	-40.32	-37.14	-29.73	-26.78	-2.95
802.11ax HEW40_RU26_Index0_40MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.925G	7.41	-41.04	-40.91	-37.96	-30.55	-27.00	-3.55
802.11ax HEW40_RU26_Index17_40MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.92485G	7.41	-44.02	-38.50	-37.43	-30.02	-26.89	-3.13
802.11ax HEW40_RU52_Index37_40MHz_Nss1,(MCS0)_2TX	Pass	5.65G	5.7G	PK	5.6669G	7.41	-23.73	-32.22	-23.15	-15.74	-14.49	-1.25
802.11ax HEW40_RU52_Index44_40MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.9237G	7.41	-43.37	-39.97	-38.34	-30.93	-26.04	-4.89



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)
802.11ax HEW40_RU106_Index53_40MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64215G	7.41	-43.43	-39.58	-38.08	-30.67	-27.00	-3.67
802.11ax HEW40_RU106_Index56_40MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.6G	AV	5.4229G	7.41	-56.95	-56.19	-53.54	-46.13	-41.20	-4.93
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64995G	7.41	-40.97	-41.95	-38.42	-31.01	-27.00	-4.01
802.11ax HEW40_RU242_Index62_40MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.63145G	7.41	-42.50	-40.57	-38.42	-31.01	-27.00	-4.01
802.11ax HEW80_RU26_Index0_80MHz_Nss1,(MCS0)_2TX	Pass	5.65G	5.7G	PK	5.6594G	7.41	-34.48	-39.03	-33.17	-25.76	-20.04	-5.72
802.11ax HEW80_RU26_Index36_80MHz_Nss1,(MCS0)_2TX	Pass	5.65G	5.7G	PK	5.66025G	7.41	-32.40	-29.91	-27.97	-20.56	-19.41	-1.15
802.11ax HEW80_RU52_Index37_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.6G	AV	5.38605G	7.41	-58.38	-58.20	-55.28	-47.87	-41.20	-6.67
802.11ax HEW80_RU52_Index52_80MHz_Nss1,(MCS0)_2TX	Pass	5.65G	5.7G	PK	5.6632G	7.41	-30.28	-28.21	-26.11	-18.70	-17.23	-1.47
802.11ax HEW80_RU106_Index53_80MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.6012G	7.41	-41.38	-37.78	-36.21	-28.80	-27.00	-1.80
802.11ax HEW80_RU106_Index60_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.6G	AV	5.4207G	7.41	-58.88	-57.93	-55.37	-47.96	-41.20	-6.76
802.11ax HEW80_RU242_Index61_80MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64715G	7.41	-47.98	-38.67	-38.19	-30.78	-27.00	-3.78
802.11ax HEW80_RU242_Index64_80MHz_Nss1,(MCS0)_2TX	Pass	5.875G	5.925G	PK	5.9249G	7.41	-45.95	-42.53	-40.90	-33.49	-26.93	-6.56
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	Pass	5.6G	5.65G	PK	5.64725G	7.41	-42.88	-38.29	-36.99	-29.58	-27.00	-2.58
802.11ax HEW80_RU484_Index66_80MHz_Nss1,(MCS0)_2TX	Pass	4.5G	5.6G	AV	5.4592G	7.41	-57.03	-57.00	-54.00	-46.59	-41.20	-5.39

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



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_RU26_Index0_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0994G	7.41	-57.62	-57.50	-54.55	-47.14	-41.20	-5.94
5180MHz	Pass	5.1G	5.15G	AV	5.13815G	7.41	-56.35	-54.05	-52.04	-44.63	-41.20	-3.43
5180MHz	Pass	5.35G	5.38G	AV	5.35024G	7.41	-58.81	-58.56	-55.67	-48.26	-41.20	-7.06
5180MHz	Pass	5.38G	7G	AV	5.38932G	7.41	-60.12	-59.95	-57.02	-49.61	-41.20	-8.41
5180MHz	Pass	4.5G	5.1G	PK	5.1G	7.41	-49.40	-46.65	-44.80	-37.39	-21.20	-16.19
5180MHz	Pass	5.1G	5.15G	PK	5.1401G	7.41	-47.85	-41.91	-40.92	-33.51	-21.20	-12.31
5180MHz	Pass	5.35G	5.38G	PK	5.35087G	7.41	-48.36	-48.26	-45.30	-37.89	-21.20	-16.69
5180MHz	Pass	5.38G	7G	PK	6.94695G	7.41	-46.99	-47.26	-44.11	-36.70	-27.00	-9.70
5320MHz	Pass	4.5G	5.1G	AV	5.0442G	7.41	-60.48	-60.75	-57.60	-50.19	-41.20	-8.99
5320MHz	Pass	5.1G	5.15G	AV	5.14875G	7.41	-59.55	-59.47	-56.50	-49.09	-41.20	-7.89
5320MHz	Pass	5.35G	5.38G	AV	5.36218G	7.41	-56.94	-53.21	-51.68	-44.27	-41.20	-3.07
5320MHz	Pass	5.38G	7G	AV	5.38G	7.41	-57.05	-55.52	-53.21	-45.80	-41.20	-4.60
5320MHz	Pass	4.5G	5.1G	PK	5.0487G	7.41	-49.50	-50.30	-46.87	-39.46	-21.20	-18.26
5320MHz	Pass	5.1G	5.15G	PK	5.1285G	7.41	-47.52	-50.72	-45.82	-38.41	-21.20	-17.21
5320MHz	Pass	5.35G	5.38G	PK	5.36221G	7.41	-47.94	-40.14	-39.47	-32.06	-21.20	-10.86
5320MHz	Pass	5.38G	7G	PK	6.99879G	7.41	-48.98	-46.35	-44.46	-37.05	-27.00	-10.05
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.03	-58.07	-55.04	-47.63	-41.20	-6.43
5500MHz	Pass	5.35G	5.47G	AV	5.45836G	7.41	-56.27	-52.77	-51.17	-43.76	-41.20	-2.56
5500MHz	Pass	4.5G	5.35G	PK	5.34363G	7.41	-48.91	-46.07	-44.25	-36.84	-27.00	-9.84
5500MHz	Pass	5.35G	5.46G	PK	5.4578G	7.41	-47.04	-41.44	-40.38	-32.97	-21.20	-11.77
5500MHz	Pass	5.46G	5.47G	PK	5.46088G	7.41	-46.99	-39.60	-38.87	-31.46	-27.00	-4.46
5500MHz	Pass	5.725G	5.75G	PK	5.72643G	7.41	-47.16	-49.57	-45.19	-37.78	-27.00	-10.78
5500MHz	Pass	5.75G	7G	PK	6.99375G	7.41	-46.31	-47.42	-43.82	-36.41	-27.00	-9.41
5700MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.63	-59.53	-56.57	-49.16	-41.20	-7.96
5700MHz	Pass	5.35G	5.47G	AV	5.42224G	7.41	-60.86	-60.50	-57.67	-50.26	-41.20	-9.06
5700MHz	Pass	4.5G	5.35G	PK	5.32535G	7.41	-48.77	-48.63	-45.69	-38.28	-27.00	-11.28
5700MHz	Pass	5.35G	5.46G	PK	5.41798G	7.41	-47.82	-49.28	-45.48	-38.07	-21.20	-16.87
5700MHz	Pass	5.46G	5.47G	PK	5.46001G	7.41	-50.38	-48.37	-46.25	-38.84	-27.00	-11.84
5700MHz	Pass	5.725G	5.75G	PK	5.72633G	7.41	-39.15	-39.57	-36.34	-28.93	-27.00	-1.93
5700MHz	Pass	5.75G	7G	PK	6.95188G	7.41	-44.53	-49.36	-43.30	-35.89	-27.00	-8.89
5745MHz	Pass	4.5G	5.6G	AV	5.45645G	7.41	-57.93	-57.40	-54.65	-47.24	-41.20	-6.04
5745MHz	Pass	4.5G	5.6G	PK	5.59597G	7.41	-45.53	-44.66	-42.06	-34.65	-27.00	-7.65
5745MHz	Pass	5.6G	5.65G	PK	5.64855G	7.41	-40.80	-42.28	-38.47	-31.06	-27.00	-4.06
5745MHz	Pass	5.65G	5.7G	PK	5.65015G	7.41	-42.48	-40.25	-38.21	-30.80	-26.89	-3.91
5745MHz	Pass	5.7G	5.72G	PK	5.70382G	7.41	-18.84	-10.68	-10.06	-2.65	11.07	-13.72
5745MHz	Pass	5.72G	5.725G	PK	5.72002G	7.41	-20.96	-26.36	-19.86	-12.45	15.63	-28.08
5745MHz	Pass	5.85G	5.855G	PK	5.85492G	7.41	-42.20	-39.21	-37.44	-30.03	15.78	-45.81
5745MHz	Pass	5.855G	5.875G	PK	5.87416G	7.41	-41.76	-42.19	-38.96	-31.55	10.24	-41.79
5745MHz	Pass	5.875G	5.925G	PK	5.92445G	7.41	-46.01	-44.37	-42.10	-34.69	-26.59	-8.10
5745MHz	Pass	5.925G	7G	PK	5.93656G	7.41	-46.85	-42.44	-41.10	-33.69	-27.00	-6.69
5825MHz	Pass	4.5G	5.6G	AV	5.4174G	7.41	-58.08	-56.77	-54.37	-46.96	-41.20	-5.76
5825MHz	Pass	4.5G	5.6G	PK	5.49642G	7.41	-48.59	-45.04	-43.45	-36.04	-27.00	-9.04
5825MHz	Pass	5.6G	5.65G	PK	5.64955G	7.41	-47.37	-43.14	-41.75	-34.34	-27.00	-7.34
5825MHz	Pass	5.65G	5.7G	PK	5.6501G	7.41	-44.11	-46.58	-42.16	-34.75	-26.93	-7.82



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
5825MHz	Pass	5.7G	5.72G	PK	5.7021G	7.41	-42.05	-40.89	-38.42	-31.01	10.59	-41.60
5825MHz	Pass	5.72G	5.725G	PK	5.72019G	7.41	-41.80	-38.69	-36.96	-29.55	16.03	-45.58
5825MHz	Pass	5.85G	5.855G	PK	5.85216G	7.41	-11.04	-9.85	-7.39	0.02	22.08	-22.06
5825MHz	Pass	5.855G	5.875G	PK	5.87098G	7.41	-38.23	-32.37	-31.37	-23.96	11.13	-35.09
5825MHz	Pass	5.875G	5.925G	PK	5.9248G	7.41	-42.17	-39.29	-37.49	-30.08	-26.85	-3.23
5825MHz	Pass	5.925G	7G	PK	5.93924G	7.41	-43.63	-38.92	-37.66	-30.25	-27.00	-3.25
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	4.5G	5.1G	AV	5.1G	7.41	-58.54	-58.16	-55.34	-47.93	-41.20	-6.73
5200MHz	Pass	5.1G	5.15G	AV	5.14335G	7.41	-56.72	-56.37	-53.53	-46.12	-41.20	-4.92
5200MHz	Pass	5.35G	5.38G	AV	5.3515G	7.41	-58.52	-58.08	-55.28	-47.87	-41.20	-6.67
5200MHz	Pass	5.38G	7G	AV	5.38527G	7.41	-59.99	-60.12	-57.04	-49.63	-41.20	-8.43
5200MHz	Pass	4.5G	5.1G	PK	5.0976G	7.41	-47.38	-49.16	-45.17	-37.76	-21.20	-16.56
5200MHz	Pass	5.1G	5.15G	PK	5.11505G	7.41	-45.21	-47.53	-43.21	-35.80	-21.20	-14.60
5200MHz	Pass	5.35G	5.38G	PK	5.35081G	7.41	-47.86	-47.05	-44.43	-37.02	-21.20	-15.82
5200MHz	Pass	5.38G	7G	PK	6.95302G	7.41	-48.17	-46.95	-44.51	-37.10	-27.00	-10.10
5240MHz	Pass	4.5G	5.1G	AV	5.0985G	7.41	-59.35	-59.20	-56.26	-48.85	-41.20	-7.65
5240MHz	Pass	5.1G	5.15G	AV	5.149G	7.41	-57.56	-57.97	-54.75	-47.34	-41.20	-6.14
5240MHz	Pass	5.35G	5.38G	AV	5.35231G	7.41	-58.01	-57.75	-54.87	-47.46	-41.20	-6.26
5240MHz	Pass	5.38G	7G	AV	5.38162G	7.41	-59.55	-59.32	-56.42	-49.01	-41.20	-7.81
5240MHz	Pass	4.5G	5.1G	PK	5.0976G	7.41	-48.57	-49.56	-46.03	-38.62	-21.20	-17.42
5240MHz	Pass	5.1G	5.15G	PK	5.14495G	7.41	-47.08	-46.68	-43.87	-36.46	-21.20	-15.26
5240MHz	Pass	5.35G	5.38G	PK	5.35225G	7.41	-45.91	-48.50	-44.00	-36.59	-21.20	-15.39
5240MHz	Pass	5.38G	7G	PK	6.97408G	7.41	-46.73	-48.40	-44.47	-37.06	-27.00	-10.06
5260MHz	Pass	4.5G	5.1G	AV	5.0994G	7.41	-59.89	-60.26	-57.06	-49.65	-41.20	-8.45
5260MHz	Pass	5.1G	5.15G	AV	5.1467G	7.41	-58.49	-58.49	-55.48	-48.07	-41.20	-6.87
5260MHz	Pass	5.35G	5.38G	AV	5.35129G	7.41	-57.31	-56.58	-53.92	-46.51	-41.20	-5.31
5260MHz	Pass	5.38G	7G	AV	5.38446G	7.41	-58.97	-58.49	-55.71	-48.30	-41.20	-7.10
5260MHz	Pass	4.5G	5.1G	PK	4.989G	7.41	-49.53	-49.53	-46.52	-39.11	-21.20	-17.91
5260MHz	Pass	5.1G	5.15G	PK	5.1397G	7.41	-46.37	-48.44	-44.27	-36.86	-21.20	-15.66
5260MHz	Pass	5.35G	5.38G	PK	5.35081G	7.41	-45.85	-45.41	-42.61	-35.20	-21.20	-14.00
5260MHz	Pass	5.38G	7G	PK	6.95343G	7.41	-48.97	-45.60	-43.96	-36.55	-27.00	-9.55
5300MHz	Pass	4.5G	5.1G	AV	5.0985G	7.41	-60.31	-60.44	-57.36	-49.95	-41.20	-8.75
5300MHz	Pass	5.1G	5.15G	AV	5.14695G	7.41	-59.09	-58.86	-55.96	-48.55	-41.20	-7.35
5300MHz	Pass	5.35G	5.38G	AV	5.3512G	7.41	-56.25	-55.99	-53.11	-45.70	-41.20	-4.50
5300MHz	Pass	5.38G	7G	AV	5.38324G	7.41	-57.92	-57.62	-54.76	-47.35	-41.20	-6.15
5300MHz	Pass	4.5G	5.1G	PK	4.6728G	7.41	-50.18	-49.51	-46.82	-39.41	-21.20	-18.21
5300MHz	Pass	5.1G	5.15G	PK	5.1473G	7.41	-50.02	-47.21	-45.38	-37.97	-21.20	-16.77
5300MHz	Pass	5.35G	5.38G	PK	5.35351G	7.41	-44.03	-46.13	-41.94	-34.53	-21.20	-13.33
5300MHz	Pass	5.38G	7G	PK	6.93561G	7.41	-46.25	-47.52	-43.83	-36.42	-27.00	-9.42
5580MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.23	-59.14	-56.17	-48.76	-41.20	-7.56
5580MHz	Pass	5.35G	5.47G	AV	5.4586G	7.41	-58.48	-58.45	-55.45	-48.04	-41.20	-6.84
5580MHz	Pass	4.5G	5.35G	PK	5.34958G	7.41	-49.71	-46.70	-44.94	-37.53	-27.00	-10.53
5580MHz	Pass	5.35G	5.46G	PK	5.45725G	7.41	-48.65	-47.20	-44.85	-37.44	-21.20	-16.24
5580MHz	Pass	5.46G	5.47G	PK	5.46903G	7.41	-48.39	-45.75	-43.86	-36.45	-27.00	-9.45
5580MHz	Pass	5.725G	5.75G	PK	5.73008G	7.41	-48.13	-47.52	-44.80	-37.39	-27.00	-10.39



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
5580MHz	Pass	5.75G	7G	PK	6.97125G	7.41	-46.86	-46.60	-43.72	-36.31	-27.00	-9.31
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.48	-59.43	-56.44	-49.03	-41.20	-7.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.4472G	7.41	-60.27	-60.40	-57.32	-49.91	-41.20	-8.71
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.2871G	7.41	-48.15	-49.92	-45.94	-38.53	-27.00	-11.53
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.45571G	7.41	-51.90	-48.24	-46.69	-39.28	-21.20	-18.08
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46459G	7.41	-48.13	-49.80	-45.87	-38.46	-27.00	-11.46
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.96636G	7.41	-49.71	-45.09	-43.80	-36.39	-27.00	-9.39
5785MHz	Pass	4.5G	5.6G	AV	5.4163G	7.41	-57.63	-57.58	-54.59	-47.18	-41.20	-5.98
5785MHz	Pass	4.5G	5.6G	PK	5.59578G	7.41	-45.79	-46.84	-43.27	-35.86	-27.00	-8.86
5785MHz	Pass	5.6G	5.65G	PK	5.6445G	7.41	-44.28	-43.37	-40.79	-33.38	-27.00	-6.38
5785MHz	Pass	5.65G	5.7G	PK	5.65035G	7.41	-45.01	-43.54	-41.20	-33.79	-26.74	-7.05
5785MHz	Pass	5.7G	5.72G	PK	5.70036G	7.41	-41.51	-40.16	-37.77	-30.36	10.10	-40.46
5785MHz	Pass	5.72G	5.725G	PK	5.72014G	7.41	-39.11	-36.07	-34.32	-26.91	15.92	-42.83
5785MHz	Pass	5.85G	5.855G	PK	5.85496G	7.41	-41.39	-38.18	-36.48	-29.07	15.70	-44.77
5785MHz	Pass	5.855G	5.875G	PK	5.87462G	7.41	-40.23	-40.64	-37.42	-30.01	10.11	-40.12
5785MHz	Pass	5.875G	5.925G	PK	5.925G	7.41	-44.17	-43.78	-40.96	-33.55	-27.00	-6.55
5785MHz	Pass	5.925G	7G	PK	5.94247G	7.41	-44.73	-41.74	-39.97	-32.56	-27.00	-5.56
802.11ax HEW20_RU26_Index8_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0979G	7.41	-57.76	-57.42	-54.58	-47.17	-41.20	-5.97
5180MHz	Pass	5.1G	5.15G	AV	5.13795G	7.41	-56.55	-53.49	-51.75	-44.34	-41.20	-3.14
5180MHz	Pass	5.35G	5.38G	AV	5.35009G	7.41	-58.70	-58.39	-55.53	-48.12	-41.20	-6.92
5180MHz	Pass	5.38G	7G	AV	5.38081G	7.41	-60.26	-59.84	-57.03	-49.62	-41.20	-8.42
5180MHz	Pass	4.5G	5.1G	PK	5.0976G	7.41	-48.34	-46.11	-44.07	-36.66	-21.20	-15.46
5180MHz	Pass	5.1G	5.15G	PK	5.1365G	7.41	-46.34	-40.12	-39.19	-31.78	-21.20	-10.58
5180MHz	Pass	5.35G	5.38G	PK	5.35024G	7.41	-48.77	-47.13	-44.86	-37.45	-21.20	-16.25
5180MHz	Pass	5.38G	7G	PK	6.99514G	7.41	-48.45	-45.82	-43.93	-36.52	-27.00	-9.52
5320MHz	Pass	4.5G	5.1G	AV	5.028G	7.41	-60.53	-60.67	-57.59	-50.18	-41.20	-8.98
5320MHz	Pass	5.1G	5.15G	AV	5.14765G	7.41	-59.57	-59.65	-56.60	-49.19	-41.20	-7.99
5320MHz	Pass	5.35G	5.38G	AV	5.36248G	7.41	-56.86	-53.84	-52.08	-44.67	-41.20	-3.47
5320MHz	Pass	5.38G	7G	AV	5.38G	7.41	-57.63	-55.47	-53.41	-46.00	-41.20	-4.80
5320MHz	Pass	4.5G	5.1G	PK	4.8687G	7.41	-51.65	-48.42	-46.73	-39.32	-21.20	-18.12
5320MHz	Pass	5.1G	5.15G	PK	5.14635G	7.41	-48.70	-48.55	-45.61	-38.20	-21.20	-17.00
5320MHz	Pass	5.35G	5.38G	PK	5.35966G	7.41	-46.99	-40.35	-39.50	-32.09	-21.20	-10.89
5320MHz	Pass	5.38G	7G	PK	6.97854G	7.41	-47.64	-46.32	-43.92	-36.51	-27.00	-9.51
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-58.28	-57.94	-55.10	-47.69	-41.20	-6.49
5500MHz	Pass	5.35G	5.47G	AV	5.45728G	7.41	-56.35	-52.41	-50.94	-43.53	-41.20	-2.33
5500MHz	Pass	4.5G	5.35G	PK	5.3466G	7.41	-46.53	-48.34	-44.33	-36.92	-27.00	-9.92
5500MHz	Pass	5.35G	5.46G	PK	5.45648G	7.41	-48.28	-40.04	-39.43	-32.02	-21.20	-10.82
5500MHz	Pass	5.46G	5.47G	PK	5.46044G	7.41	-46.25	-38.91	-38.17	-30.76	-27.00	-3.76
5500MHz	Pass	5.725G	5.75G	PK	5.72643G	7.41	-49.06	-48.24	-45.62	-38.21	-27.00	-11.21
5500MHz	Pass	5.75G	7G	PK	6.99156G	7.41	-48.40	-45.99	-44.02	-36.61	-27.00	-9.61
5700MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.38	-59.73	-56.54	-49.13	-41.20	-7.93
5700MHz	Pass	5.35G	5.47G	AV	5.45716G	7.41	-60.89	-60.61	-57.74	-50.33	-41.20	-9.13
5700MHz	Pass	4.5G	5.35G	PK	5.3398G	7.41	-49.33	-48.62	-45.95	-38.54	-27.00	-11.54
5700MHz	Pass	5.35G	5.46G	PK	5.3973G	7.41	-50.68	-49.38	-46.97	-39.56	-21.20	-18.36



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
5700MHz	Pass	5.46G	5.47G	PK	5.46039G	7.41	-50.38	-48.91	-46.57	-39.16	-27.00	-12.16
5700MHz	Pass	5.725G	5.75G	PK	5.72575G	7.41	-42.87	-46.89	-41.42	-34.01	-27.00	-7.01
5700MHz	Pass	5.75G	7G	PK	6.98375G	7.41	-47.58	-45.31	-43.29	-35.88	-27.00	-8.88
5745MHz	Pass	4.5G	5.6G	AV	5.4515G	7.41	-57.93	-57.44	-54.67	-47.26	-41.20	-6.06
5745MHz	Pass	4.5G	5.6G	PK	5.56847G	7.41	-44.39	-45.03	-41.69	-34.28	-27.00	-7.28
5745MHz	Pass	5.6G	5.65G	PK	5.64855G	7.41	-40.93	-40.16	-37.52	-30.11	-27.00	-3.11
5745MHz	Pass	5.65G	5.7G	PK	5.65015G	7.41	-42.43	-39.88	-37.96	-30.55	-26.89	-3.66
5745MHz	Pass	5.7G	5.72G	PK	5.71938G	7.41	-14.72	-7.65	-6.87	0.54	15.43	-14.89
5745MHz	Pass	5.72G	5.725G	PK	5.72048G	7.41	-14.67	-8.24	-7.35	0.06	16.68	-16.62
5745MHz	Pass	5.85G	5.855G	PK	5.85495G	7.41	-41.11	-42.38	-38.69	-31.28	15.71	-46.99
5745MHz	Pass	5.855G	5.875G	PK	5.87418G	7.41	-43.49	-41.14	-39.15	-31.74	10.23	-41.97
5745MHz	Pass	5.875G	5.925G	PK	5.92435G	7.41	-45.60	-43.74	-41.56	-34.15	-26.52	-7.63
5745MHz	Pass	5.925G	7G	PK	5.99353G	7.41	-47.88	-42.84	-41.66	-34.25	-27.00	-7.25
5825MHz	Pass	4.5G	5.6G	AV	5.43445G	7.41	-58.07	-56.36	-54.12	-46.71	-41.20	-5.51
5825MHz	Pass	4.5G	5.6G	PK	5.59982G	7.41	-47.48	-45.05	-43.09	-35.68	-27.00	-8.68
5825MHz	Pass	5.6G	5.65G	PK	5.63455G	7.41	-46.16	-42.93	-41.24	-33.83	-27.00	-6.83
5825MHz	Pass	5.65G	5.7G	PK	5.65025G	7.41	-45.91	-45.15	-42.50	-35.09	-26.82	-8.27
5825MHz	Pass	5.7G	5.72G	PK	5.70408G	7.41	-42.66	-39.48	-37.77	-30.36	11.14	-41.50
5825MHz	Pass	5.72G	5.725G	PK	5.72003G	7.41	-42.61	-39.03	-37.45	-30.04	15.66	-45.70
5825MHz	Pass	5.85G	5.855G	PK	5.8519G	7.41	-16.23	-26.79	-15.86	-8.45	22.67	-31.12
5825MHz	Pass	5.855G	5.875G	PK	5.86548G	7.41	-23.32	-9.33	-9.16	-1.75	12.67	-14.42
5825MHz	Pass	5.875G	5.925G	PK	5.9239G	7.41	-41.73	-38.57	-36.86	-29.45	-26.19	-3.26
5825MHz	Pass	5.925G	7G	PK	5.92796G	7.41	-40.38	-42.46	-38.29	-30.88	-27.00	-3.88
802.11ax HEW20_RU52_Index37_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0988G	7.41	-56.71	-55.22	-52.89	-45.48	-41.20	-4.28
5180MHz	Pass	5.1G	5.15G	AV	5.14255G	7.41	-54.99	-51.71	-50.04	-42.63	-41.20	-1.43
5180MHz	Pass	5.35G	5.38G	AV	5.35039G	7.41	-58.56	-57.72	-55.11	-47.70	-41.20	-6.50
5180MHz	Pass	5.38G	7G	AV	5.38891G	7.41	-59.83	-59.54	-56.67	-49.26	-41.20	-8.06
5180MHz	Pass	4.5G	5.1G	PK	5.0967G	7.41	-45.34	-46.30	-42.78	-35.37	-21.20	-14.17
5180MHz	Pass	5.1G	5.15G	PK	5.1441G	7.41	-44.83	-39.83	-38.64	-31.23	-21.20	-10.03
5180MHz	Pass	5.35G	5.38G	PK	5.35162G	7.41	-49.00	-45.70	-44.03	-36.62	-21.20	-15.42
5180MHz	Pass	5.38G	7G	PK	6.98137G	7.41	-48.20	-45.81	-43.83	-36.42	-27.00	-9.42
5320MHz	Pass	4.5G	5.1G	AV	5.1G	7.41	-60.25	-60.47	-57.35	-49.94	-41.20	-8.74
5320MHz	Pass	5.1G	5.15G	AV	5.147G	7.41	-58.97	-59.05	-56.00	-48.59	-41.20	-7.39
5320MHz	Pass	5.35G	5.38G	AV	5.35426G	7.41	-55.15	-52.32	-50.50	-43.09	-41.20	-1.89
5320MHz	Pass	5.38G	7G	AV	5.38041G	7.41	-55.85	-55.01	-52.40	-44.99	-41.20	-3.79
5320MHz	Pass	4.5G	5.1G	PK	4.9701G	7.41	-48.39	-51.46	-46.65	-39.24	-21.20	-18.04
5320MHz	Pass	5.1G	5.15G	PK	5.1488G	7.41	-47.90	-48.78	-45.31	-37.90	-21.20	-16.70
5320MHz	Pass	5.35G	5.38G	PK	5.35366G	7.41	-43.17	-41.24	-39.09	-31.68	-21.20	-10.48
5320MHz	Pass	5.38G	7G	PK	6.92791G	7.41	-46.84	-47.98	-44.36	-36.95	-27.00	-9.95
5500MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-57.27	-57.38	-54.31	-46.90	-41.20	-5.70
5500MHz	Pass	5.35G	5.47G	AV	5.45944G	7.41	-54.84	-52.92	-50.76	-43.35	-41.20	-2.15
5500MHz	Pass	4.5G	5.35G	PK	5.34873G	7.41	-46.78	-47.78	-44.24	-36.83	-27.00	-9.83
5500MHz	Pass	5.35G	5.46G	PK	5.45329G	7.41	-45.23	-41.65	-40.07	-32.66	-21.20	-11.46
5500MHz	Pass	5.46G	5.47G	PK	5.46677G	7.41	-44.91	-39.22	-38.18	-30.77	-27.00	-3.77



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
5500MHz	Pass	5.725G	5.75G	PK	5.72653G	7.41	-48.97	-47.92	-45.40	-37.99	-27.00	-10.99
5500MHz	Pass	5.75G	7G	PK	6.99438G	7.41	-46.44	-47.48	-43.92	-36.51	-27.00	-9.51
5700MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.63	-59.38	-56.49	-49.08	-41.20	-7.88
5700MHz	Pass	5.35G	5.47G	AV	5.45488G	7.41	-60.30	-60.39	-57.33	-49.92	-41.20	-8.72
5700MHz	Pass	4.5G	5.35G	PK	5.32663G	7.41	-49.23	-48.25	-45.70	-38.29	-27.00	-11.29
5700MHz	Pass	5.35G	5.46G	PK	5.45648G	7.41	-49.74	-49.17	-46.44	-39.03	-21.20	-17.83
5700MHz	Pass	5.46G	5.47G	PK	5.46261G	7.41	-47.62	-50.97	-45.97	-38.56	-27.00	-11.56
5700MHz	Pass	5.725G	5.75G	PK	5.72585G	7.41	-38.23	-39.13	-35.65	-28.24	-27.00	-1.24
5700MHz	Pass	5.75G	7G	PK	6.96156G	7.41	-46.50	-46.95	-43.71	-36.30	-27.00	-9.30
5745MHz	Pass	4.5G	5.6G	AV	5.369G	7.41	-57.85	-57.64	-54.73	-47.32	-41.20	-6.12
5745MHz	Pass	4.5G	5.6G	PK	5.5945G	7.41	-42.85	-45.31	-40.90	-33.49	-27.00	-6.49
5745MHz	Pass	5.6G	5.65G	PK	5.64835G	7.41	-42.53	-40.45	-38.36	-30.95	-27.00	-3.95
5745MHz	Pass	5.65G	5.7G	PK	5.65055G	7.41	-42.65	-40.32	-38.32	-30.91	-26.59	-4.32
5745MHz	Pass	5.7G	5.72G	PK	5.70454G	7.41	-17.42	-14.93	-12.99	-5.58	11.27	-16.85
5745MHz	Pass	5.72G	5.725G	PK	5.72012G	7.41	-23.49	-27.32	-21.99	-14.58	15.87	-30.45
5745MHz	Pass	5.85G	5.855G	PK	5.85488G	7.41	-41.21	-40.76	-37.97	-30.56	15.89	-46.45
5745MHz	Pass	5.855G	5.875G	PK	5.87498G	7.41	-41.25	-42.68	-38.90	-31.49	10.01	-41.50
5745MHz	Pass	5.875G	5.925G	PK	5.92475G	7.41	-45.29	-45.15	-42.21	-34.80	-26.82	-7.98
5745MHz	Pass	5.925G	7G	PK	5.93736G	7.41	-46.20	-43.15	-41.40	-33.99	-27.00	-6.99
5825MHz	Pass	4.5G	5.6G	AV	5.4185G	7.41	-57.91	-56.48	-54.13	-46.72	-41.20	-5.52
5825MHz	Pass	4.5G	5.6G	PK	5.59725G	7.41	-46.27	-46.39	-43.32	-35.91	-27.00	-8.91
5825MHz	Pass	5.6G	5.65G	PK	5.64865G	7.41	-44.24	-44.55	-41.38	-33.97	-27.00	-6.97
5825MHz	Pass	5.65G	5.7G	PK	5.6503G	7.41	-46.41	-45.11	-42.70	-35.29	-26.78	-8.51
5825MHz	Pass	5.7G	5.72G	PK	5.70016G	7.41	-41.55	-41.71	-38.62	-31.21	10.04	-41.25
5825MHz	Pass	5.72G	5.725G	PK	5.72002G	7.41	-40.94	-40.58	-37.75	-30.34	15.63	-45.97
5825MHz	Pass	5.85G	5.855G	PK	5.85118G	7.41	-19.39	-11.03	-10.44	-3.03	24.31	-27.34
5825MHz	Pass	5.855G	5.875G	PK	5.85512G	7.41	-23.47	-30.01	-22.60	-15.19	15.57	-30.76
5825MHz	Pass	5.875G	5.925G	PK	5.92485G	7.41	-43.43	-38.47	-37.27	-29.86	-26.89	-2.97
5825MHz	Pass	5.925G	7G	PK	5.93575G	7.41	-41.35	-40.49	-37.89	-30.48	-27.00	-3.48
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	4.5G	5.1G	AV	5.0979G	7.41	-57.21	-56.36	-53.75	-46.34	-41.20	-5.14
5200MHz	Pass	5.1G	5.15G	AV	5.1457G	7.41	-55.74	-53.61	-51.54	-44.13	-41.20	-2.93
5200MHz	Pass	5.35G	5.38G	AV	5.35024G	7.41	-58.08	-57.38	-54.71	-47.30	-41.20	-6.10
5200MHz	Pass	5.38G	7G	AV	5.38608G	7.41	-59.74	-59.11	-56.40	-48.99	-41.20	-7.79
5200MHz	Pass	4.5G	5.1G	PK	5.0961G	7.41	-47.89	-45.33	-43.41	-36.00	-21.20	-14.80
5200MHz	Pass	5.1G	5.15G	PK	5.14845G	7.41	-46.30	-42.63	-41.08	-33.67	-21.20	-12.47
5200MHz	Pass	5.35G	5.38G	PK	5.35486G	7.41	-48.34	-45.58	-43.73	-36.32	-21.20	-15.12
5200MHz	Pass	5.38G	7G	PK	6.98137G	7.41	-47.62	-45.88	-43.65	-36.24	-27.00	-9.24
5240MHz	Pass	4.5G	5.1G	AV	5.0991G	7.41	-58.68	-57.26	-54.90	-47.49	-41.20	-6.29
5240MHz	Pass	5.1G	5.15G	AV	5.1466G	7.41	-56.66	-55.50	-53.03	-45.62	-41.20	-4.42
5240MHz	Pass	5.35G	5.38G	AV	5.35069G	7.41	-57.13	-56.53	-53.81	-46.40	-41.20	-5.20
5240MHz	Pass	5.38G	7G	AV	5.38324G	7.41	-59.12	-58.02	-55.52	-48.11	-41.20	-6.91
5240MHz	Pass	4.5G	5.1G	PK	5.064G	7.41	-48.63	-47.10	-44.79	-37.38	-21.20	-16.18
5240MHz	Pass	5.1G	5.15G	PK	5.1397G	7.41	-46.66	-44.90	-42.68	-35.27	-21.20	-14.07
5240MHz	Pass	5.35G	5.38G	PK	5.3548G	7.41	-47.79	-44.37	-42.74	-35.33	-21.20	-14.13



Unwanted Conducted Emissions(4.5~7GHz) - SC Module

Appendix D.3

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)
5240MHz	Pass	5.38G	7G	PK	6.93075G	7.41	-49.64	-45.25	-43.90	-36.49	-27.00	-9.49
5260MHz	Pass	4.5G	5.1G	AV	5.1G	7.41	-59.37	-59.49	-56.42	-49.01	-41.20	-7.81
5260MHz	Pass	5.1G	5.15G	AV	5.1497G	7.41	-57.39	-57.69	-54.53	-47.12	-41.20	-5.92
5260MHz	Pass	5.35G	5.38G	AV	5.35G	7.41	-56.37	-56.12	-53.23	-45.82	-41.20	-4.62
5260MHz	Pass	5.38G	7G	AV	5.38284G	7.41	-58.15	-57.75	-54.94	-47.53	-41.20	-6.33
5260MHz	Pass	4.5G	5.1G	PK	5.0868G	7.41	-48.76	-49.71	-46.20	-38.79	-21.20	-17.59
5260MHz	Pass	5.1G	5.15G	PK	5.141G	7.41	-46.75	-47.72	-44.20	-36.79	-21.20	-15.59
5260MHz	Pass	5.35G	5.38G	PK	5.35606G	7.41	-46.03	-44.64	-42.27	-34.86	-21.20	-13.66
5260MHz	Pass	5.38G	7G	PK	6.98988G	7.41	-48.74	-46.49	-44.46	-37.05	-27.00	-10.05
5300MHz	Pass	4.5G	5.1G	AV	5.0979G	7.41	-60.27	-60.02	-57.13	-49.72	-41.20	-8.52
5300MHz	Pass	5.1G	5.15G	AV	5.14885G	7.41	-58.18	-58.73	-55.44	-48.03	-41.20	-6.83
5300MHz	Pass	5.35G	5.38G	AV	5.35033G	7.41	-54.70	-54.98	-51.83	-44.42	-41.20	-3.22
5300MHz	Pass	5.38G	7G	AV	5.38081G	7.41	-56.87	-56.64	-53.74	-46.33	-41.20	-5.13
5300MHz	Pass	4.5G	5.1G	PK	5.0928G	7.41	-49.41	-49.66	-46.52	-39.11	-21.20	-17.91
5300MHz	Pass	5.1G	5.15G	PK	5.1499G	7.41	-47.61	-47.92	-44.75	-37.34	-21.20	-16.14
5300MHz	Pass	5.35G	5.38G	PK	5.35756G	7.41	-43.57	-45.25	-41.32	-33.91	-21.20	-12.71
5300MHz	Pass	5.38G	7G	PK	6.94897G	7.41	-45.90	-48.99	-44.17	-36.76	-27.00	-9.76
5580MHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.00	-59.14	-56.06	-48.65	-41.20	-7.45
5580MHz	Pass	5.35G	5.47G	AV	5.45872G	7.41	-57.80	-57.70	-54.74	-47.33	-41.20	-6.13
5580MHz	Pass	4.5G	5.35G	PK	5.3177G	7.41	-48.71	-48.69	-45.69	-38.28	-27.00	-11.28
5580MHz	Pass	5.35G	5.46G	PK	5.45615G	7.41	-48.02	-46.21	-44.01	-36.60	-21.20	-15.40
5580MHz	Pass	5.46G	5.47G	PK	5.46828G	7.41	-45.60	-47.63	-43.49	-36.08	-27.00	-9.08
5580MHz	Pass	5.725G	5.75G	PK	5.72623G	7.41	-47.07	-47.76	-44.39	-36.98	-27.00	-9.98
5580MHz	Pass	5.75G	7G	PK	6.96344G	7.41	-48.14	-46.41	-44.18	-36.77	-27.00	-9.77
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	AV	5.35G	7.41	-59.28	-59.58	-56.42	-49.01	-41.20	-7.81
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.47G	AV	5.4568G	7.41	-59.79	-60.26	-57.01	-49.60	-41.20	-8.40
5720MHz Straddle 5.47-5.725GHz	Pass	4.5G	5.35G	PK	5.31855G	7.41	-48.74	-48.30	-45.50	-38.09	-27.00	-11.09
5720MHz Straddle 5.47-5.725GHz	Pass	5.35G	5.46G	PK	5.37574G	7.41	-50.02	-48.25	-46.04	-38.63	-21.20	-17.43
5720MHz Straddle 5.47-5.725GHz	Pass	5.46G	5.47G	PK	5.46444G	7.41	-49.14	-48.21	-45.64	-38.23	-27.00	-11.23
5720MHz Straddle 5.47-5.725GHz	Pass	5.85G	7G	PK	6.97901G	7.41	-46.77	-45.48	-43.07	-35.66	-27.00	-8.66
5785MHz	Pass	4.5G	5.6G	AV	5.3822G	7.41	-58.45	-56.95	-54.63	-47.22	-41.20	-6.02
5785MHz	Pass	4.5G	5.6G	PK	5.59633G	7.41	-45.97	-46.37	-43.16	-35.75	-27.00	-8.75
5785MHz	Pass	5.6G	5.65G	PK	5.64355G	7.41	-44.29	-43.28	-40.75	-33.34	-27.00	-6.34
5785MHz	Pass	5.65G	5.7G	PK	5.65045G	7.41	-46.23	-41.91	-40.54	-33.13	-26.67	-6.46
5785MHz	Pass	5.7G	5.72G	PK	5.70062G	7.41	-41.29	-39.28	-37.16	-29.75	10.17	-39.92
5785MHz	Pass	5.72G	5.725G	PK	5.72002G	7.41	-40.42	-37.30	-35.58	-28.17	15.65	-43.82
5785MHz	Pass	5.85G	5.855G	PK	5.85461G	7.41	-40.09	-37.56	-35.63	-28.22	16.50	-44.72
5785MHz	Pass	5.855G	5.875G	PK	5.87264G	7.41	-41.84	-38.56	-36.89	-29.48	10.66	-40.14
5785MHz	Pass	5.875G	5.925G	PK	5.92495G	7.41	-43.59	-43.49	-40.53	-33.12	-26.96	-6.16
5785MHz	Pass	5.925G	7G	PK	5.92742G	7.41	-42.66	-44.91	-40.63	-33.22	-27.00	-6.22
802.11ax HEW20_RU52_Index40_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0988G	7.41	-56.36	-55.25	-52.76	-45.35	-41.20	-4.15
5180MHz	Pass	5.1G	5.15G	AV	5.14335G	7.41	-55.23	-51.08	-49.67	-42.26	-41.20	-1.06
5180MHz	Pass	5.35G	5.38G	AV	5.35012G	7.41	-58.22	-57.92	-55.06	-47.65	-41.20	-6.45
5180MHz	Pass	5.38G	7G	AV	5.3877G	7.41	-59.91	-59.47	-56.67	-49.26	-41.20	-8.06