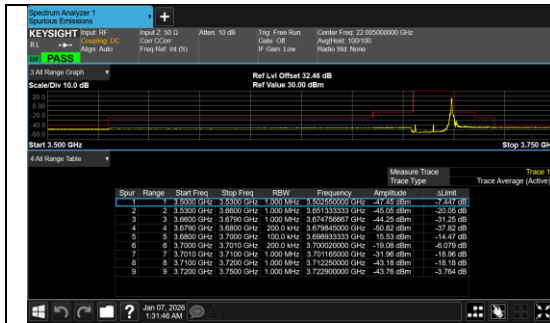
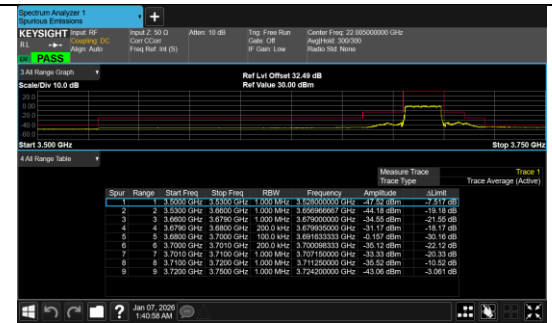
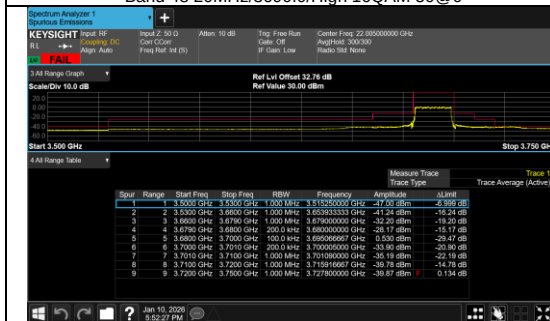
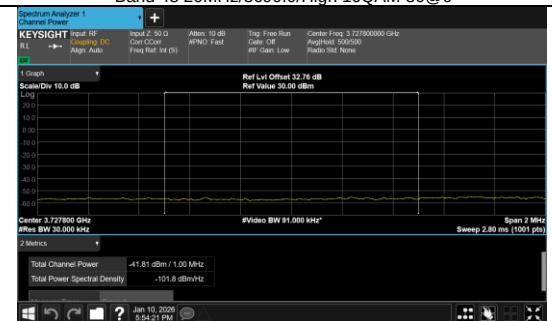
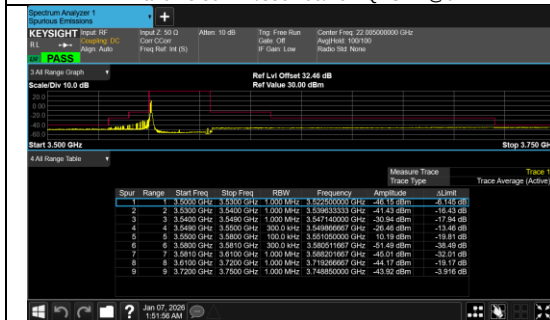




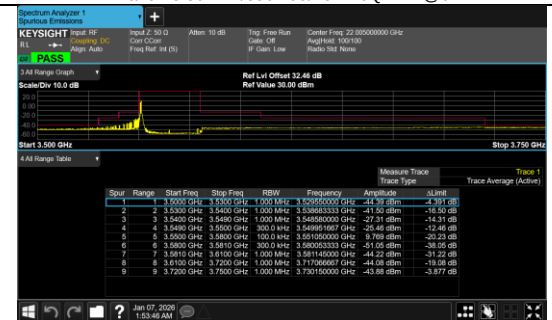
Conducted Band Edge
Band 48 20MHz/3690.0/High 16QAM 50@0



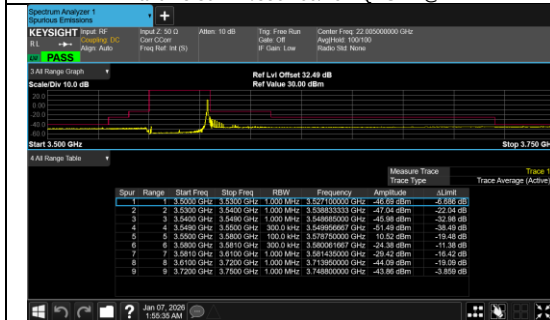
Conducted Band Edge CHP Range9 PASS
Band 48 20MHz/3690.0/High 16QAM 50@0

Conducted Band Edge
Band 48 30MHz/3564.99/Low QPSK 1@0Conducted Band Edge
Band 48 30MHz/3564.99/Low 16QAM 1@0

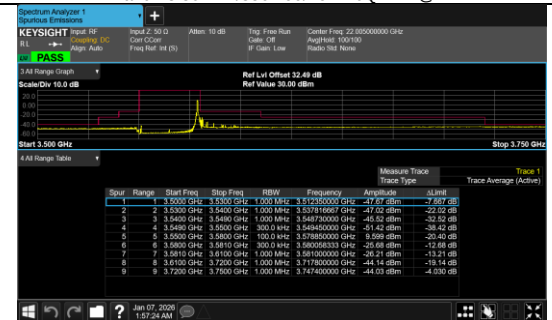
Conducted Band Edge
Band 48 30MHz/3564.99/Low QPSK 1@77



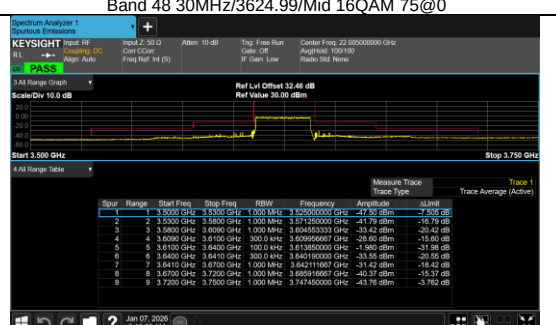
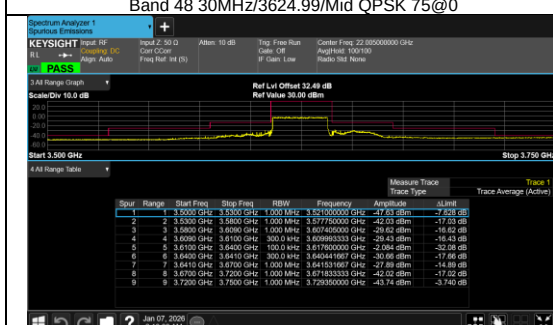
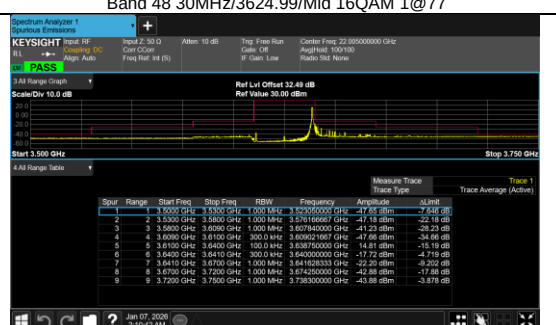
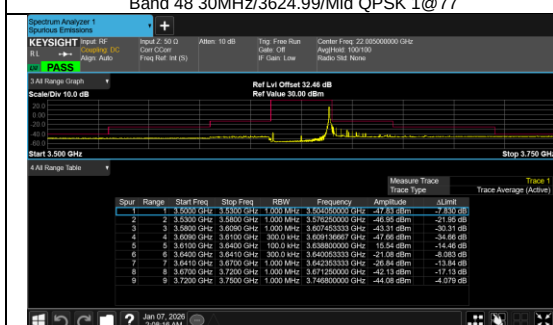
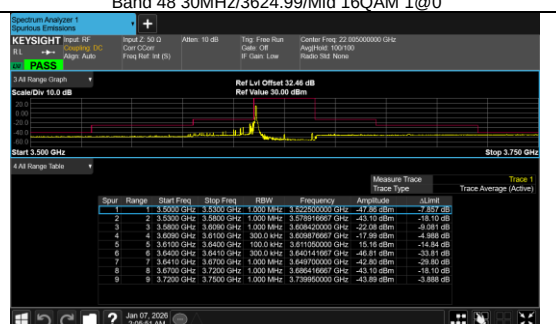
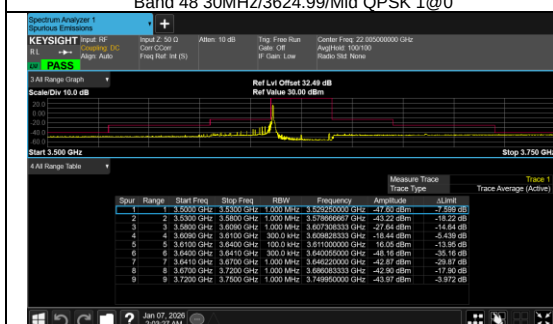
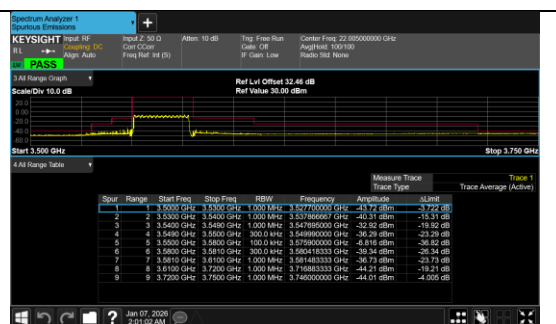
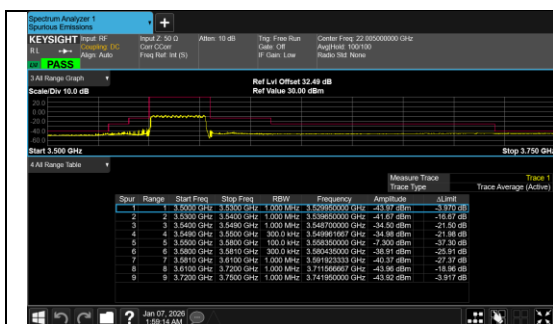
Conducted Band Edge
Band 48 30MHz/3564.99/Low 16QAM 1@77



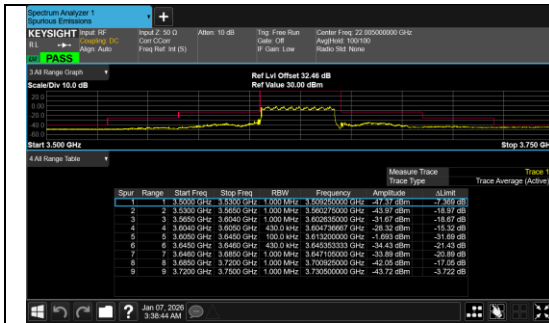
Conducted Band Edge
Band 48 30MHz/3564.99/Low QPSK 75@0



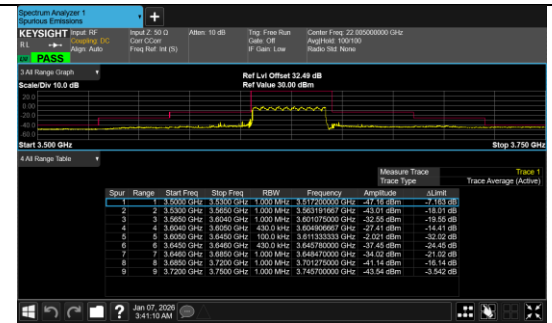
Conducted Band Edge
Band 48 30MHz/3564.99/Low 16QAM 75@0



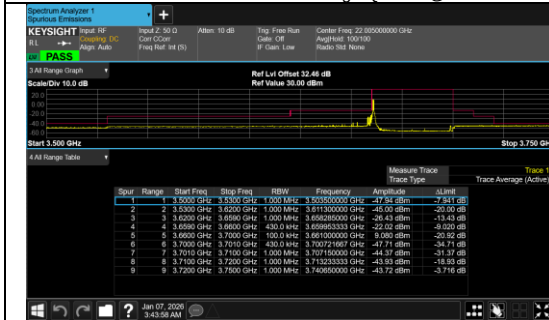




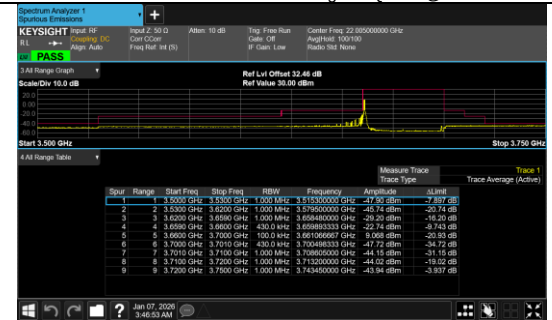
Conducted Band Edge
Band 48 40MHz/3679.98/High QPSK 1@0



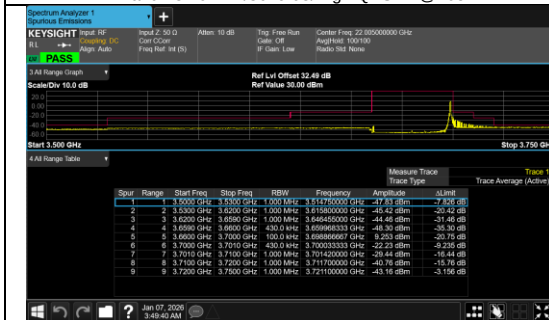
Conducted Band Edge
Band 48 40MHz/3679.98/High 16QAM 1@0



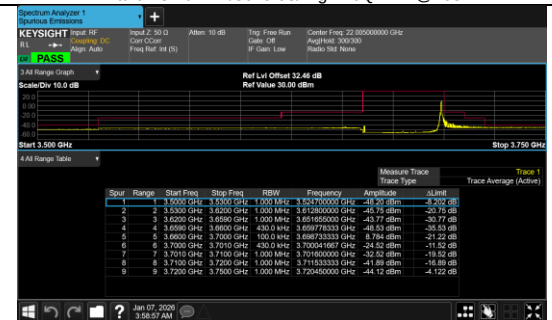
Conducted Band Edge
Band 48 40MHz/3679.98/High QPSK 1@105



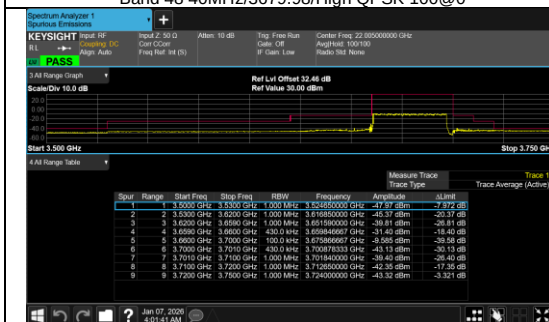
Conducted Band Edge
Band 48 40MHz/3679.98/High 16QAM 1@105



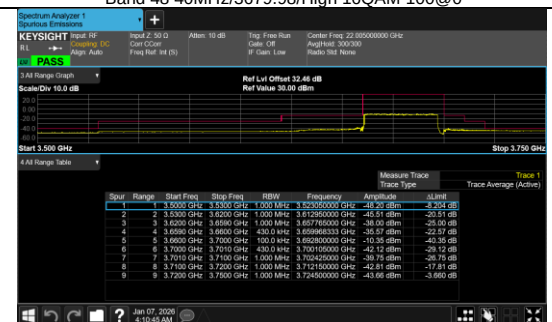
Conducted Band Edge
Band 48 40MHz/3679.98/High QPSK 100@0



Conducted Band Edge
Band 48 40MHz/3679.98/High 16QAM 100@0



Conducted Band Edge
Band 48 40MHz/3679.98/High QPSK 100@105



Conducted Band Edge
Band 48 40MHz/3679.98/High 16QAM 100@105

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

SA n48 / 40MHz / QPSK / ANT2 Main PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102.00	-59.33	-40	-19.33	-62.66	8.25	11.58	H
	10653.00	-55.20	-40	-15.20	-56.75	10.45	12.00	H
	14204.00	-44.43	-40	-4.43	-46.14	11.74	13.45	H
	7102.00	-58.38	-40	-18.38	-61.71	8.25	11.58	V
	10653.00	-55.76	-40	-15.76	-57.31	10.45	12.00	V
	14204.00	-48.79	-40	-8.79	-50.50	11.74	13.45	V
Middle	7212.00	-59.21	-40	-19.21	-62.51	8.30	11.60	H
	10818.00	-54.62	-40	-14.62	-56.14	10.48	12.00	H
	14424.00	-45.14	-40	-5.14	-46.84	11.80	13.50	H
	7212.00	-58.68	-40	-18.68	-61.98	8.30	11.60	V
	10818.00	-55.14	-40	-15.14	-56.66	10.48	12.00	V
	14424.00	-49.44	-40	-9.44	-51.14	11.80	13.50	V
Highest	7322.00	-59.08	-40	-19.08	-62.38	8.32	11.62	H
	10983.00	-54.38	-40	-14.38	-56.06	10.52	12.20	H
	14644.00	-47.07	-40	-7.07	-48.77	11.85	13.55	H
	7322.00	-58.90	-40	-18.90	-62.20	8.32	11.62	V
	10983.00	-54.50	-40	-14.50	-56.18	10.52	12.20	V
	14644.00	-49.40	-40	-9.40	-51.10	11.85	13.55	V

EN-DC_71A_n48A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT2(NR) Main PA								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n48 Lowest	7102.00	-59.49	-40	-19.49	-62.82	8.25	11.58	H
	10653.00	-55.70	-40	-15.70	-57.25	10.45	12.00	H
	14204.00	-48.34	-40	-8.34	-50.05	11.74	13.45	H
	7102.00	-59.07	-40	-19.07	-62.40	8.25	11.58	V
	10653.00	-55.93	-40	-15.93	-57.48	10.45	12.00	V
	14204.00	-50.50	-40	-10.50	-52.21	11.74	13.45	V
LTE Band71 Lowest	1348	-47.21	-13	-34.21	-50.46	4.00	9.40	H
	2022	-52.24	-13	-39.24	-55.81	4.88	10.60	H
	2696	-61.85	-13	-48.85	-66.78	5.52	12.60	H
	1348	-50.11	-13	-37.11	-53.36	4.00	9.40	V
	2022	-57.48	-13	-44.48	-61.05	4.88	10.60	V
	2696	-62.10	-13	-49.10	-67.03	5.52	12.60	V
NR n48 Middle	7212.00	-59.55	-40	-19.55	-62.85	8.30	11.60	H
	10818.00	-54.76	-40	-14.76	-56.28	10.48	12.00	H
	14424.00	-48.86	-40	-8.86	-50.56	11.80	13.50	H
	7212.00	-58.96	-40	-18.96	-62.26	8.30	11.60	V
	10818.00	-55.01	-40	-15.01	-56.53	10.48	12.00	V
	14424.00	-49.46	-40	-9.46	-51.16	11.80	13.50	V
LTE Band71 Middle	1348	-46.73	-13	-33.73	-49.98	4.00	9.40	H
	2022	-57.82	-13	-44.82	-61.39	4.88	10.60	H
	2696	-62.44	-13	-49.44	-67.37	5.52	12.60	H
	1348	-50.43	-13	-37.43	-53.68	4.00	9.40	V
	2022	-58.24	-13	-45.24	-61.81	4.88	10.60	V
	2696	-62.49	-13	-49.49	-67.42	5.52	12.60	V
NR n48 Highest	7322.00	-58.96	-40	-18.96	-62.26	8.32	11.62	H
	10983.00	-54.47	-40	-14.47	-56.15	10.52	12.20	H
	14644.00	-48.85	-40	-8.85	-50.55	11.85	13.55	H
	7322.00	-59.06	-40	-19.06	-62.36	8.32	11.62	V
	10983.00	-54.77	-40	-14.77	-56.45	10.52	12.20	V
	14644.00	-49.46	-40	-9.46	-51.16	11.85	13.55	V
LTE Band71 Highest	1348	-48.82	-13	-35.82	-52.07	4.00	9.40	H
	2022	-53.23	-13	-40.23	-56.80	4.88	10.60	H
	2696	-62.06	-13	-49.06	-66.99	5.52	12.60	H
	1348	-49.61	-13	-36.61	-52.86	4.00	9.40	V
	2022	-55.30	-13	-42.30	-58.87	4.88	10.60	V
	2696	-61.43	-13	-48.43	-66.36	5.52	12.60	V



SA n48 / 40MHz / QPSK / ANT6 PA Reference Designator								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102.00	-59.47	-40	-19.47	-62.80	8.25	11.58	H
	10653.00	-55.29	-40	-15.29	-56.84	10.45	12.00	H
	14204.00	-50.10	-40	-10.10	-51.81	11.74	13.45	H
	7102.00	-58.72	-40	-18.72	-62.05	8.25	11.58	V
	10653.00	-56.12	-40	-16.12	-57.67	10.45	12.00	V
	14204.00	-50.42	-40	-10.42	-52.13	11.74	13.45	V
Middle	7212.00	-59.38	-40	-19.38	-62.68	8.30	11.60	H
	10818.00	-54.83	-40	-14.83	-56.35	10.48	12.00	H
	14424.00	-45.14	-40	-5.14	-46.84	11.80	13.50	H
	7212.00	-58.98	-40	-18.98	-62.28	8.30	11.60	V
	10818.00	-55.13	-40	-15.13	-56.65	10.48	12.00	V
	14424.00	-49.68	-40	-9.68	-51.38	11.80	13.50	V
Highest	7322.00	-58.96	-40	-18.96	-62.26	8.32	11.62	H
	10983.00	-54.17	-40	-14.17	-55.85	10.52	12.20	H
	14644.00	-46.27	-40	-6.27	-47.97	11.85	13.55	H
	7322.00	-59.05	-40	-19.05	-62.35	8.32	11.62	V
	10983.00	-54.34	-40	-14.34	-56.02	10.52	12.20	V
	14644.00	-49.03	-40	-9.03	-50.73	11.85	13.55	V



EN-DC_71A_n48A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT6(NR) PA Reference Designator								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n48 Lowest	7102.00	-58.02	-40	-18.02	-61.35	8.25	11.58	H
	10653.00	-55.81	-40	-15.81	-57.36	10.45	12.00	H
	14204.00	-49.76	-40	-9.76	-51.47	11.74	13.45	H
	7102.00	-58.96	-40	-18.96	-62.29	8.25	11.58	V
	10653.00	-56.46	-40	-16.46	-58.01	10.45	12.00	V
	14204.00	-50.07	-40	-10.07	-51.78	11.74	13.45	V
LTE Band71 Lowest	1348	-49.86	-13	-36.86	-53.11	4.00	9.40	H
	2022	-56.52	-13	-43.52	-60.09	4.88	10.60	H
	2696	-61.77	-13	-48.77	-66.70	5.52	12.60	H
	1348	-49.97	-13	-36.97	-53.22	4.00	9.40	V
	2022	-60.93	-13	-47.93	-64.50	4.88	10.60	V
	2696	-60.67	-13	-47.67	-65.60	5.52	12.60	V
NR n48 Middle	7212.00	-59.55	-40	-19.55	-62.85	8.30	11.60	H
	10818.00	-54.76	-40	-14.76	-56.28	10.48	12.00	H
	14424.00	-48.86	-40	-8.86	-50.56	11.80	13.50	H
	7212.00	-58.96	-40	-18.96	-62.26	8.30	11.60	V
	10818.00	-55.01	-40	-15.01	-56.53	10.48	12.00	V
	14424.00	-49.46	-40	-9.46	-51.16	11.80	13.50	V
LTE Band71 Middle	1348	-46.73	-13	-33.73	-49.98	4.00	9.40	H
	2022	-57.82	-13	-44.82	-61.39	4.88	10.60	H
	2696	-62.44	-13	-49.44	-67.37	5.52	12.60	H
	1348	-50.43	-13	-37.43	-53.68	4.00	9.40	V
	2022	-58.24	-13	-45.24	-61.81	4.88	10.60	V
	2696	-62.49	-13	-49.49	-67.42	5.52	12.60	V
NR n48 Highest	7322.00	-59.56	-40	-19.56	-62.86	8.32	11.62	H
	10983.00	-54.64	-40	-14.64	-56.32	10.52	12.20	H
	14644.00	-47.90	-40	-7.90	-49.60	11.85	13.55	H
	7322.00	-59.52	-40	-19.52	-62.82	8.32	11.62	V
	10983.00	-55.03	-40	-15.03	-56.71	10.52	12.20	V
	14644.00	-49.27	-40	-9.27	-50.97	11.85	13.55	V
LTE Band71 Highest	1348	-49.86	-13	-36.86	-53.11	4.00	9.40	H
	2022	-56.54	-13	-43.54	-60.11	4.88	10.60	H
	2696	-61.34	-13	-48.34	-66.27	5.52	12.60	H
	1348	-50.63	-13	-37.63	-53.88	4.00	9.40	V
	2022	-59.49	-13	-46.49	-63.06	4.88	10.60	V
	2696	-60.23	-13	-47.23	-65.16	5.52	12.60	V

UL MIMO n48 / 40MHz / QPSK / ANT2+6								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102.00	-59.69	-40	-19.69	-63.02	8.25	11.58	H
	10653.00	-56.27	-40	-16.27	-57.82	10.45	12.00	H
	14204.00	-44.75	-40	-4.75	-46.46	11.74	13.45	H
	7102.00	-59.92	-40	-19.92	-63.25	8.25	11.58	V
	10653.00	-57.16	-40	-17.16	-58.71	10.45	12.00	V
	14204.00	-52.78	-40	-12.78	-54.49	11.74	13.45	V
Middle	7322.00	-59.33	-40	-19.33	-62.63	8.30	11.60	H
	10983.00	-54.16	-40	-14.16	-55.68	10.48	12.00	H
	14644.00	-47.07	-40	-7.07	-48.77	11.80	13.50	H
	7322.00	-58.85	-40	-18.85	-62.15	8.30	11.60	V
	10983.00	-54.66	-40	-14.66	-56.18	10.48	12.00	V
	14644.00	-49.23	-40	-9.23	-50.93	11.80	13.50	V
Highest	7322.00	-59.33	-40	-19.33	-62.63	8.32	11.62	H
	10983.00	-54.16	-40	-14.16	-55.84	10.52	12.20	H
	14644.00	-47.07	-40	-7.07	-48.77	11.85	13.55	H
	7322.00	-58.85	-40	-18.85	-62.15	8.32	11.62	V
	10983.00	-54.66	-40	-14.66	-56.34	10.52	12.20	V
	14644.00	-49.23	-40	-9.23	-50.93	11.85	13.55	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.