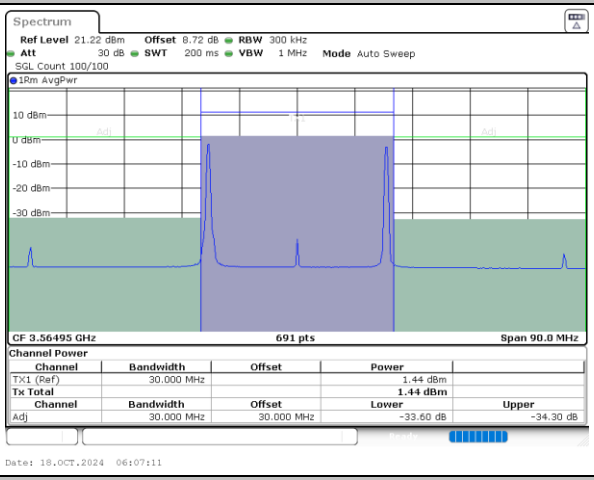
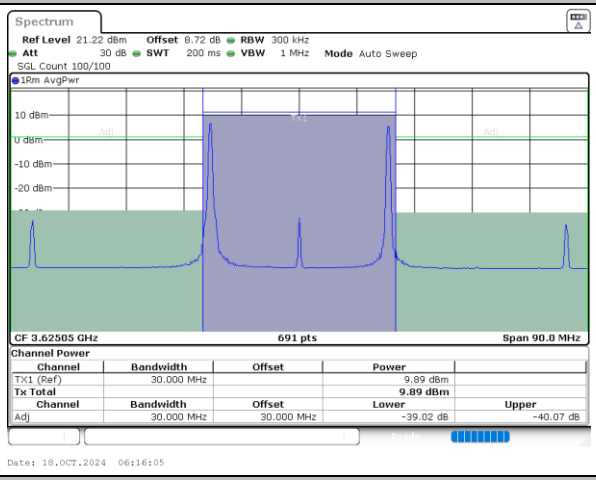
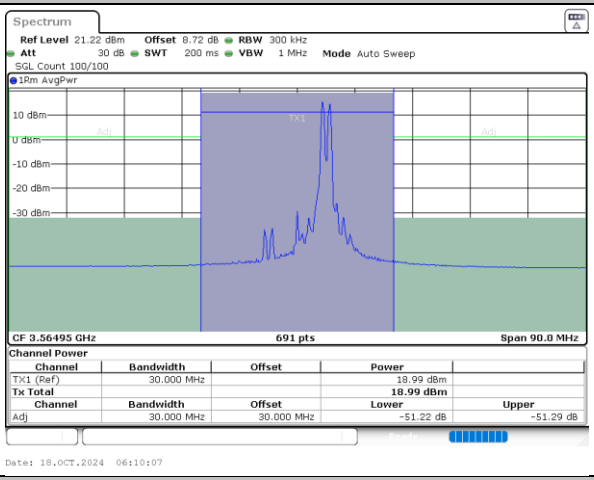
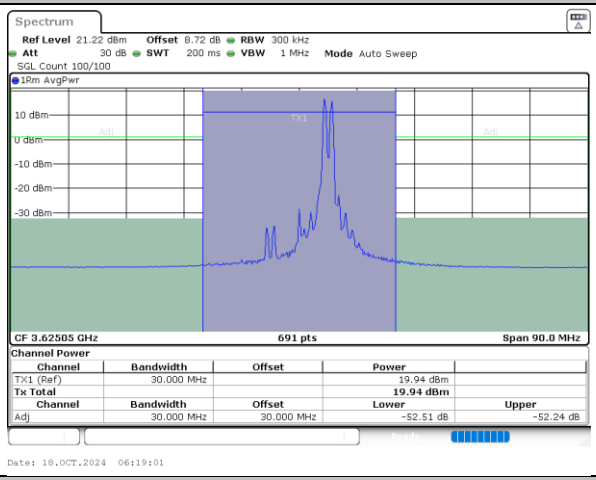
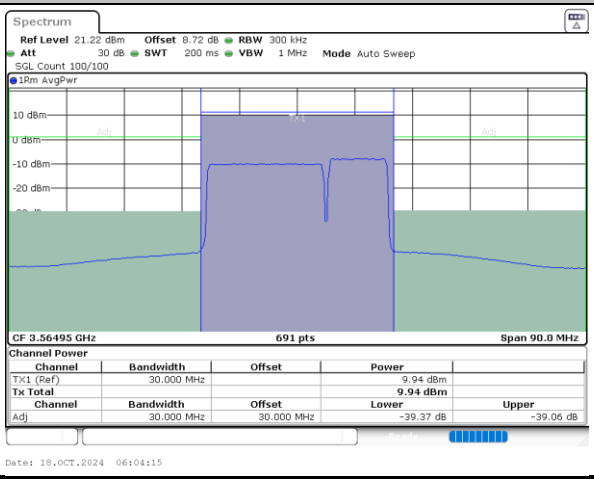
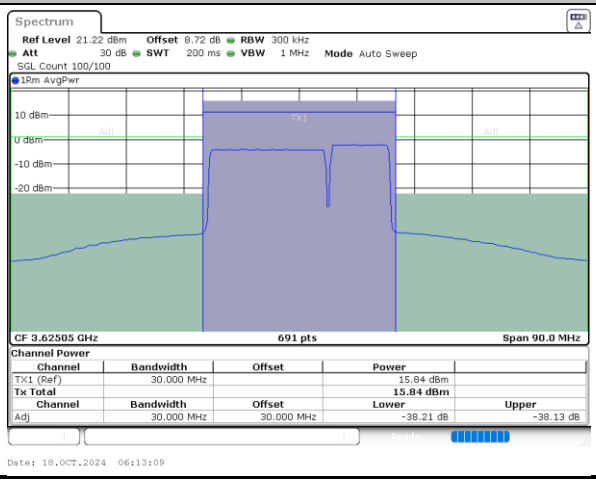
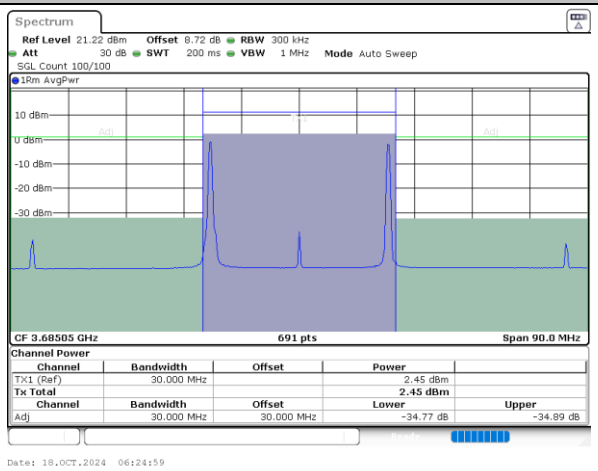
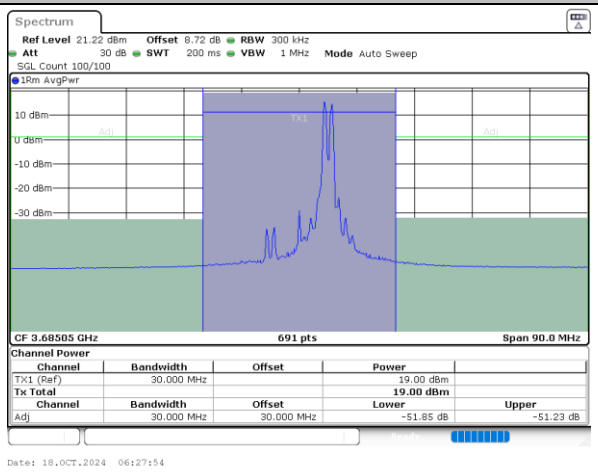
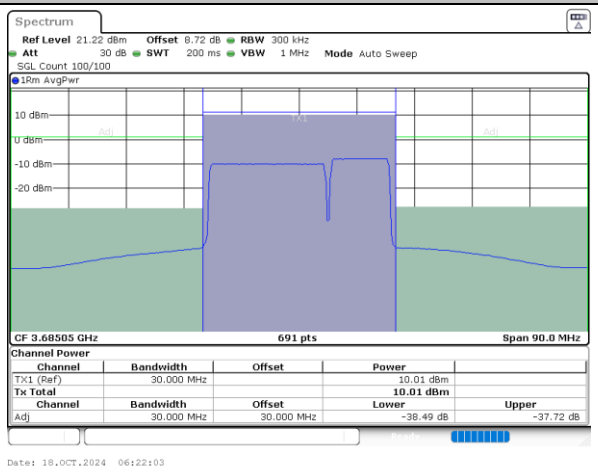
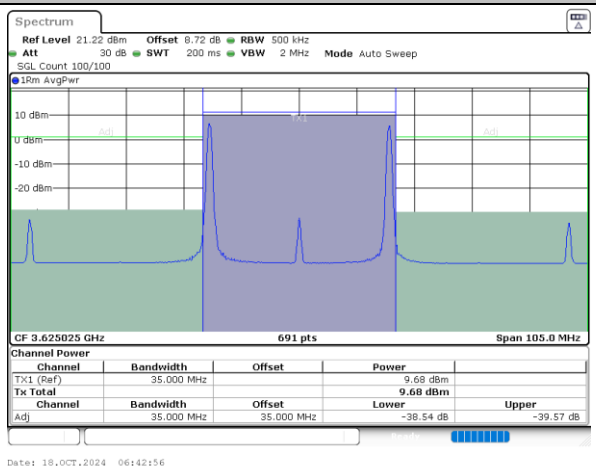
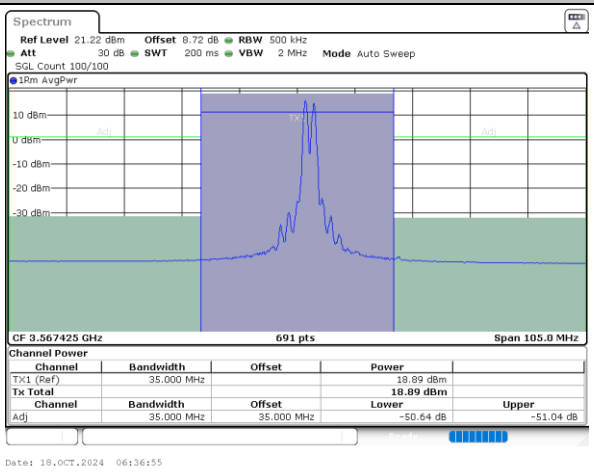
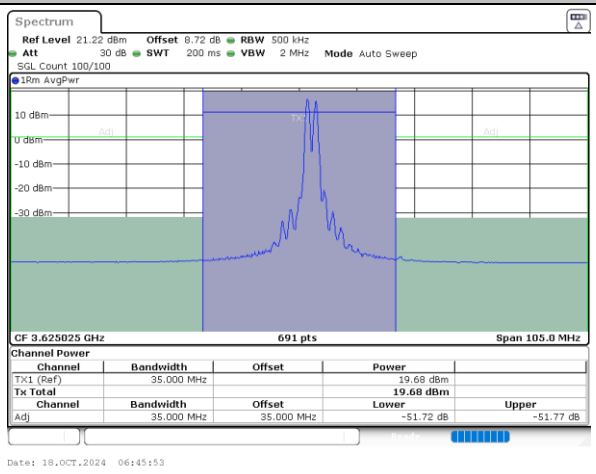
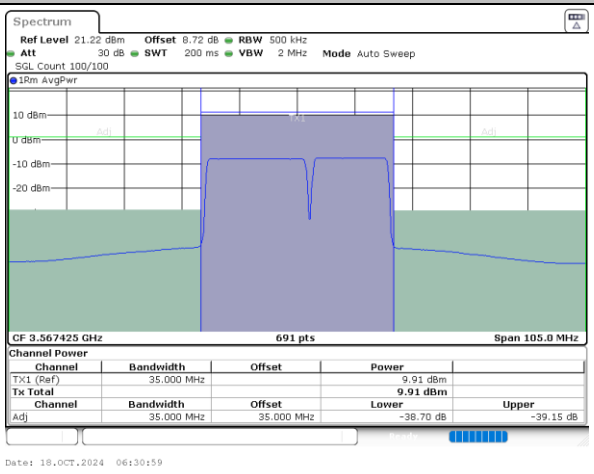
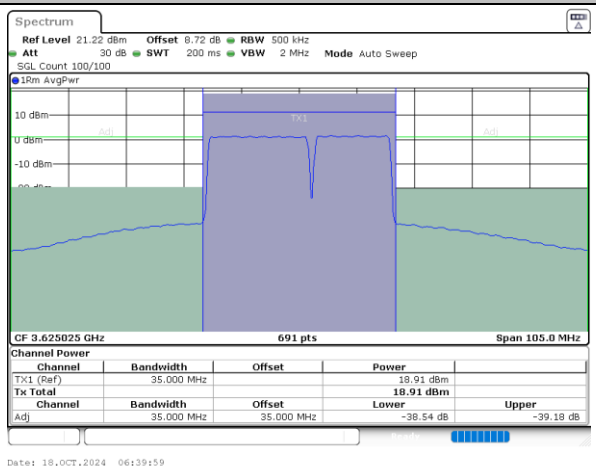
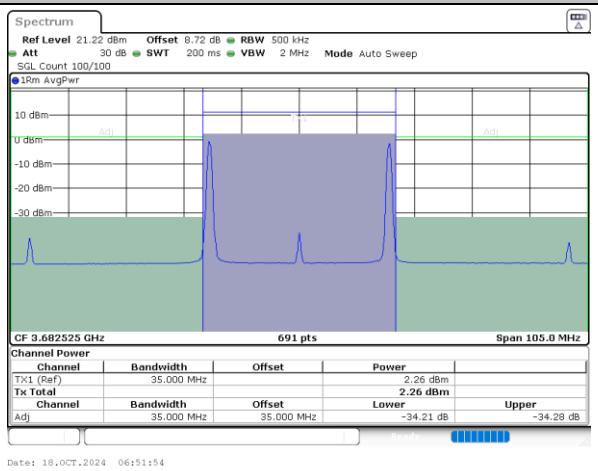
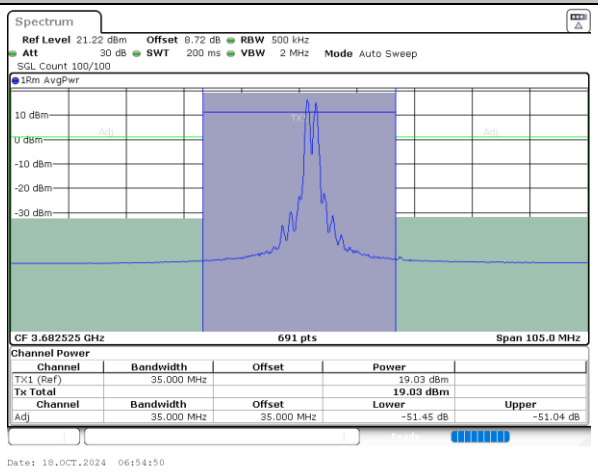
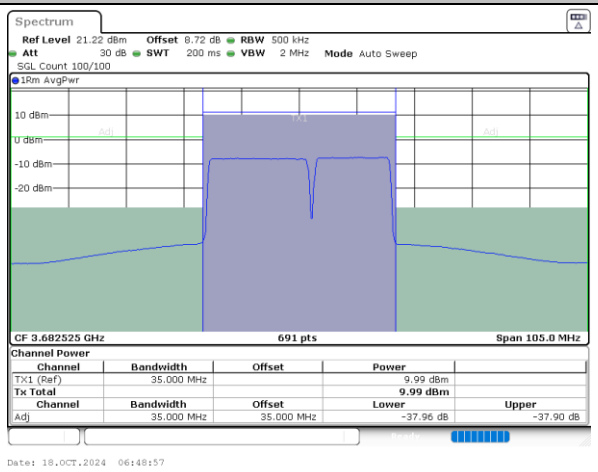
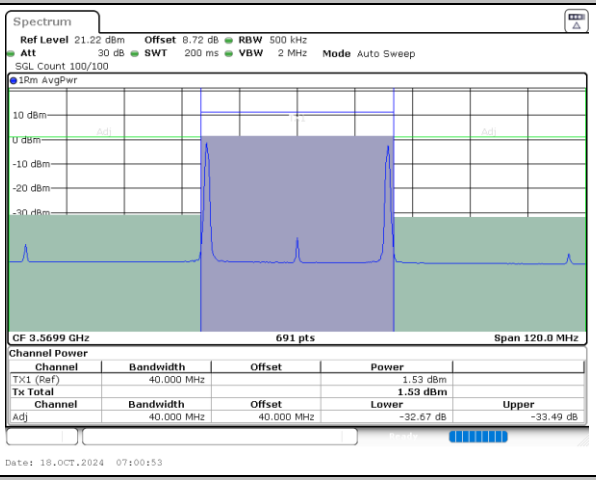
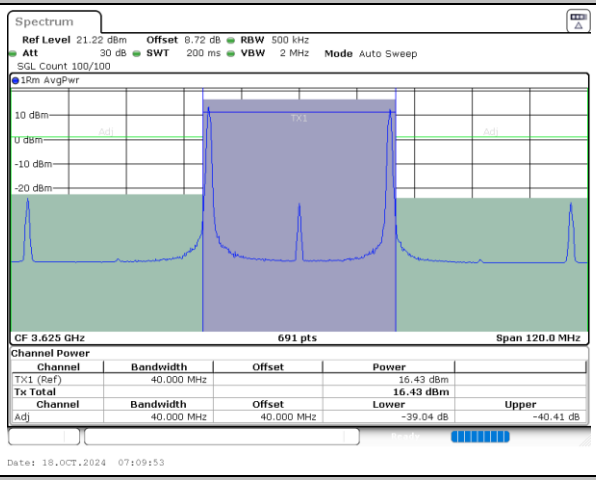
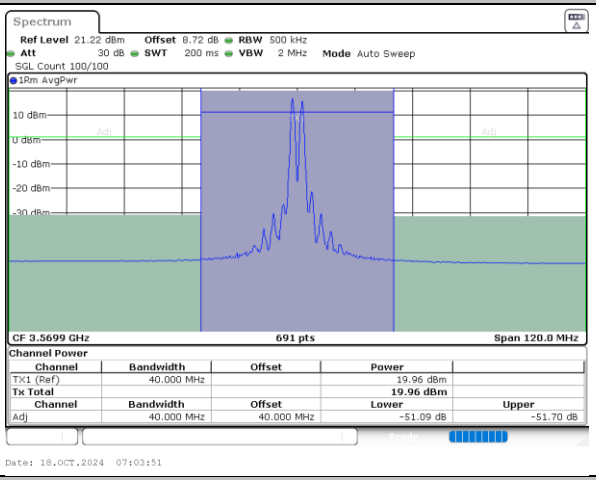
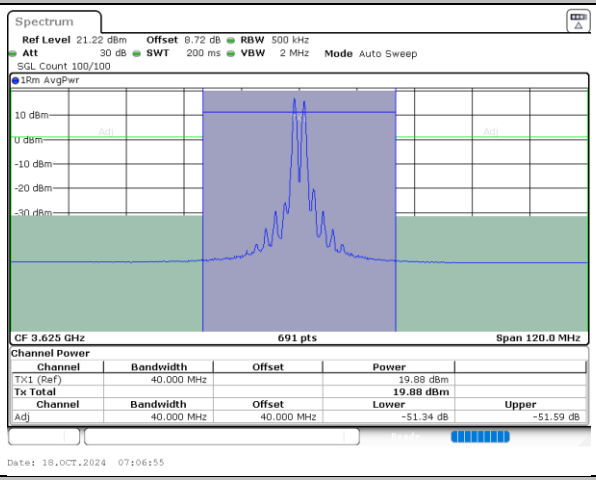
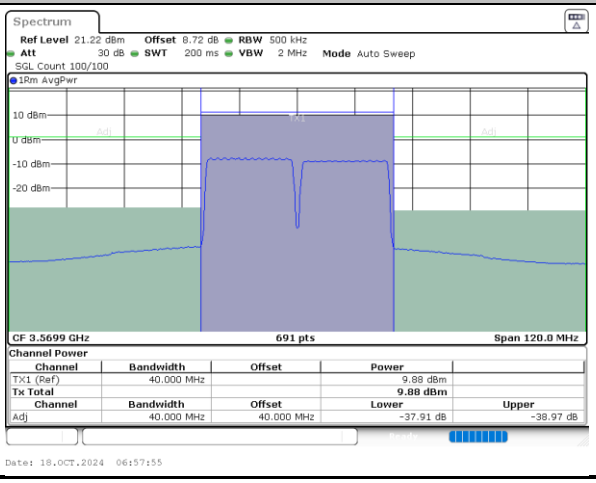
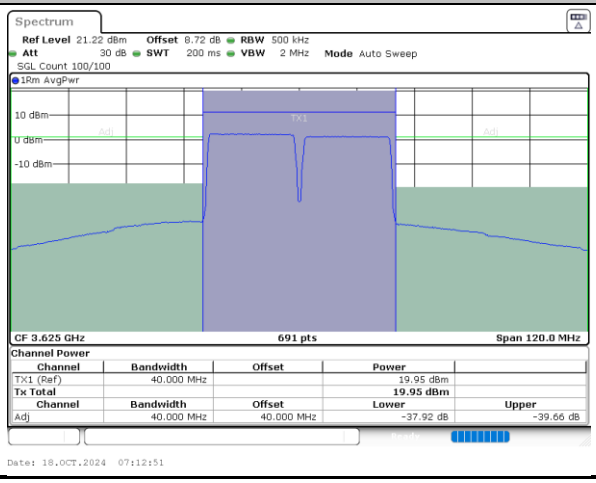
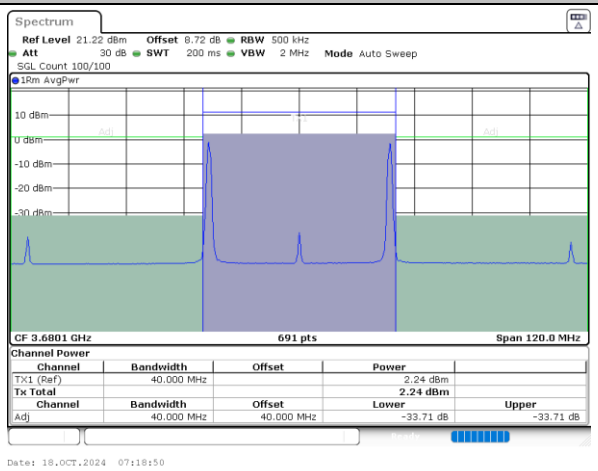
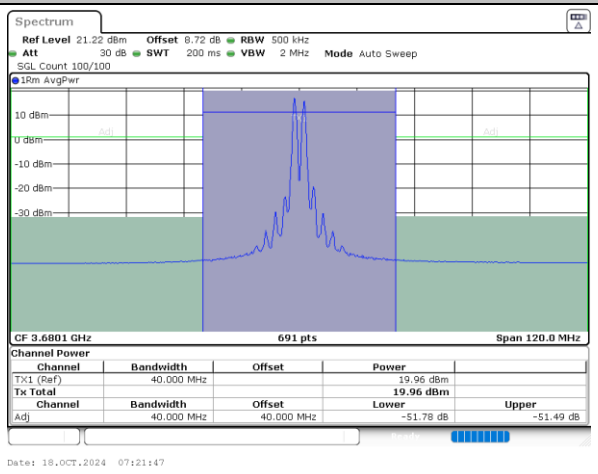
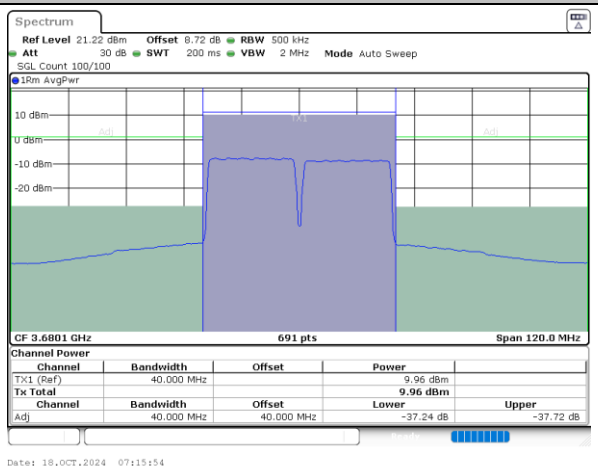
LTE Band 48C / 20MHz+10MHz	
256QAM	
Lowest Band Edge / 1RB0 and 1RB49	Middle Band Edge / 1RB0 and 1RB49
	
Lowest Band Edge / 1RB99 and 1RB0	Middle Band Edge / 1RB99 and 1RB0
	
Lowest Band Edge / Full RB	Middle Band Edge / Full RB
	

LTE Band 48C / 20MHz+10MHz	
256QAM	
Highest Band Edge / 1RB0 and 1RB49	N/A
	
Highest Band Edge / 1RB99 and 1RB0	N/A
	
Highest Band Edge / Full RB	N/A
	

LTE Band 48C / 20MHz+15MHz	
256QAM	
Lowest Band Edge / 1RB0 and 1RB74	Middle Band Edge / 1RB0 and 1RB74
	
Lowest Band Edge / 1RB99 and 1RB0	Middle Band Edge / 1RB99 and 1RB0
	
Lowest Band Edge / Full RB	Middle Band Edge / Full RB
	

LTE Band 48C / 20MHz+15MHz	
256QAM	
Highest Band Edge / 1RB0 and 1RB74	N/A
	
Highest Band Edge / 1RB99 and 1RB0	N/A
	
Highest Band Edge / Full RB	N/A
	

LTE Band 48C / 20MHz+20MHz	
256QAM	
Lowest Band Edge / 1RB0 and 1RB99	Middle Band Edge / 1RB0 and 1RB99
	
Lowest Band Edge / 1RB99 and 1RB0	Middle Band Edge / 1RB99 and 1RB0
	
Lowest Band Edge / Full RB	Middle Band Edge / Full RB
	

LTE Band 48C / 20MHz+20MHz	
256QAM	
Highest Band Edge / 1RB0 and 1RB99	N/A
	
Highest Band Edge / 1RB99 and 1RB0	N/A
	
Highest Band Edge / Full RB	N/A
	

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0168	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0148	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0054	
-20	Normal Voltage	0.0137	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.87 V. ; Minimum Voltage =3.5V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 48 / 20MHz / QPSK / Ant.2								
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	7104	-58.37	-40	-18.37	-69.83	2.84	14.30	H
	10656	-53.78	-40	-13.78	-63.72	3.49	13.43	H
	14204.36	-60.69	-40	-20.69	-70.93	3.85	14.09	H
	7104	-58.19	-40	-18.19	-69.65	2.84	14.30	V
	10653.27	-51.58	-40	-11.58	-61.52	3.49	13.43	V
	14204.36	-60.73	-40	-20.73	-70.97	3.85	14.09	V
Middle	7236	-57.10	-40	-17.10	-68.56	2.84	14.30	H
	10848.27	-59.18	-40	-19.18	-69.12	3.49	13.43	H
	14460	-60.90	-40	-20.90	-71.14	3.85	14.09	H
	7236	-55.75	-40	-15.75	-67.21	2.84	14.30	V
	10848	-55.81	-40	-15.81	-65.75	3.49	13.43	V
	14464.36	-60.66	-40	-20.66	-70.90	3.85	14.09	V
Highest	7368	-57.00	-40	-17.00	-68.46	2.84	14.30	H
	11043.27	-55.32	-40	-15.32	-65.26	3.49	13.43	H
	14724.36	-60.99	-40	-20.99	-71.23	3.85	14.09	H
	7356	-48.82	-40	-8.82	-60.28	2.84	14.30	V
	11040	-46.74	-40	-6.74	-56.68	3.49	13.43	V
	14724.36	-60.76	-40	-20.76	-71.00	3.85	14.09	V

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

LTE Band CA_48C / 20MHz + 20MHz / QPSK / Ant.2								
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	7104	-61.60	-40	-21.60	-73.06	2.84	14.30	H
	7140	-61.34	-40	-21.34	-71.28	3.49	13.43	H
	10656	-61.18	-40	-21.18	-71.42	3.85	14.09	H
	10716	-60.87	-40	-20.87	-72.33	2.84	14.30	H
	14208	-60.26	-40	-20.26	-70.20	3.49	13.43	H
	14280	-60.30	-40	-20.30	-70.54	3.85	14.09	H
	7104	-61.63	-40	-21.63	-73.09	2.84	14.30	V
	7140	-61.16	-40	-21.16	-71.10	3.49	13.43	V
	10656	-61.43	-40	-21.43	-71.67	3.85	14.09	V
	10716	-61.24	-40	-21.24	-72.70	2.84	14.30	V
	14208	-60.49	-40	-20.49	-70.43	3.49	13.43	V
	14280	-60.08	-40	-20.08	-70.32	3.85	14.09	V
\Middle	7212	-61.67	-40	-21.67	-73.13	2.84	14.30	H

	7248	-61.54	-40	-21.54	-71.48	3.49	13.43	H
	10824	-60.28	-40	-20.28	-70.52	3.85	14.09	H
	10872	-60.74	-40	-20.74	-72.20	2.84	14.30	H
	14424	-60.05	-40	-20.05	-69.99	3.49	13.43	H
	14508	-59.83	-40	-19.83	-70.07	3.85	14.09	H
	7212	-61.89	-40	-21.89	-73.35	2.84	14.30	V
	7248	-61.77	-40	-21.77	-71.71	3.49	13.43	V
	10824	-61.10	-40	-21.10	-71.34	3.85	14.09	V
	10872	-60.96	-40	-20.96	-72.42	2.84	14.30	V
	14424	-59.94	-40	-19.94	-69.88	3.49	13.43	V
	14508	-59.71	-40	-19.71	-69.95	3.85	14.09	V
Highest	7320	-62.11	-40	-22.11	-73.57	2.84	14.30	H
	7368	-61.61	-40	-21.61	-71.55	3.49	13.43	H
	10980	-60.63	-40	-20.63	-70.87	3.85	14.09	H
	11040	-60.24	-40	-20.24	-71.70	2.84	14.30	H
	14640	-60.07	-40	-20.07	-70.01	3.49	13.43	H
	14724	-59.68	-40	-19.68	-69.92	3.85	14.09	H
	7320	-61.94	-40	-21.94	-73.40	2.84	14.30	V
	7368	-61.22	-40	-21.22	-71.16	3.49	13.43	V
	10980	-60.37	-40	-20.37	-70.61	3.85	14.09	V
	11040	-60.03	-40	-20.03	-71.49	2.84	14.30	V
	14640	-59.63	-40	-19.63	-69.57	3.49	13.43	V
	14724	-60.05	-40	-20.05	-70.29	3.85	14.09	V

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