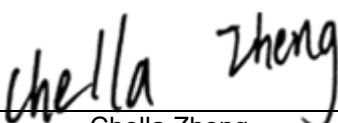


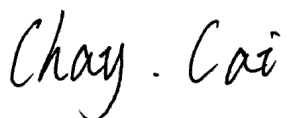
FCC RF EXPOSURE REPORT

FCC ID: 2AFIW-RM10RC

Project No. : 2512C281
Equipment : Comet 5G
Brand Name : 
Test Model : GL-RM10RC
Model Name : GL-RM10RC
Hardware Version : V1.0
Software Version : V1.6.0
Applicant : GL Technologies (Hong Kong) Limited
Address : Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T., Hong Kong
Manufacturer : GL Technologies (Hong Kong) Limited
Address : Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T., Hong Kong
Factory : Shenzhen Guanglianzhitong Tech Co., Ltd.
Address : Room 305-306, Skyworth Digital Bulding, Songbai Road, Shiyan Street, Baoan District, Shenzhen, China
Date of Receipt : Dec. 24, 2025
Date of Test : Dec. 25, 2025 ~ Feb. 02, 2026
Issued Date : Feb. 09, 2026
Test Sample : Engineering Sample No.: DG920251224153
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
 FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2512C281	R00	Original Report.	Feb. 09, 2026	Valid

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

2. ANTENNA SPECIFICATION

For 2.4GHz

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	RFlink	3020202532	Dipole	Copper	3.1

Note: The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	RFlink	3020202532	Dipole	Copper	3.18

Note: The antenna gain is provided by the manufacturer.

For LTE:

Brand	P/N	Antenna Type	Connector	Gain(dBi)	Note
RFlink	3020202533	Dipole	Copper	1.36	LTE Band 2
				0.77	LTE Band 4
				-0.12	LTE Band 5
				0.92	LTE Band 7
				-1.67	LTE Band 12
				-0.76	LTE Band 13
				-0.86	LTE Band 14
				-1.67	LTE Band 17
				1.36	LTE Band 25
				-0.79	LTE Band 26 (814-824MHz)
				-0.12	LTE Band 26 (824-849MHz)
				-5.92	LTE Band 30
				0.70	LTE Band 38
				0.92	LTE Band 41
				-4.55	LTE Band 42 (3450-3550MHz)
				-7.21	LTE Band 42 (3550-3600MHz)
				-7.21	LTE Band 43 (3700-3800MHz)
				-7.21	LTE Band 43 (3600-3700MHz)
				-7.21	LTE Band 48
				1.06	LTE Band 66
				0.71	LTE Band 70
				-1.69	LTE Band 71

Note: The antenna gain is provided by the manufacturer.

For 5G NR:

Brand	P/N	Antenna Type	Connector	Gain(dBi)	Note
	3020202533	Dipole	Copper	1.36	5G NR n2
				-0.12	5G NR n5
				0.92	5G NR n7
				-1.67	5G NR n12
				-0.76	5G NR n13
				-0.86	5G NR n14
				1.36	5G NR n25
				-0.79	5G NR n26 (814-824MHz)
				-0.12	5G NR n26 (824-849MHz)
				-5.92	5G NR n30
				0.70	5G NR n38
				0.92	5G NR n41
				1.06	5G NR n66
				0.71	5G NR n70
				-1.69	5G NR n71
				-4.34	5G NR n77 (3700-3980MHz)
				-4.55	5G NR n77 (3450-3550MHz)
				-7.21	5G NR n78 (3700-3800MHz)
				-4.55	5G NR n78 (3450-3550MHz)

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.10	2.0417	17.91	61.8016	0.0251	1	Complies

For 5GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.18	2.0797	18.08	64.2688	0.0266	1	Complies

For LTE:

Band	Frequency (MHz)	Max. Tune up Power (dBm)	Antenna Gain (dBi)	Antenna Gain (linear)	Output Power to Antenna	Power Density (mW/cm ²)	Power Density Limit (mW/cm ²)	Test Result
LTE Band 2	1850.7	25	1.36	1.3677	432.51	0.0860	1.0000	Complies
LTE Band 4	1710.7	25	0.77	1.1940	377.57	0.0751	1.0000	Complies
LTE Band 5	824.7	25	-0.12	0.9727	307.61	0.0612	0.5498	Complies
LTE Band 7	2502.5	25	0.92	1.2359	390.84	0.0778	1.0000	Complies
LTE Band 12	699.7	25	-1.67	0.6808	215.28	0.0428	0.4665	Complies
LTE Band 13	779.5	25	-0.76	0.8395	265.46	0.0528	0.5197	Complies
LTE Band 14	790.5	25	-0.86	0.8204	259.42	0.0516	0.5270	Complies
LTE Band 17	706.5	25	-1.67	0.6808	215.28	0.0428	0.4710	Complies
LTE Band 25	1850.7	25	1.36	1.3677	432.51	0.0860	1.0000	Complies
LTE Band 26 (814-824MHz)	814.7	25	-0.79	0.8337	263.63	0.0525	0.5431	Complies
LTE Band 26 (824-849MHz)	824.7	25	-0.12	0.9727	307.61	0.0612	0.5498	Complies
LTE Band 30	2307.5	24	-5.92	0.2559	64.27	0.0128	1.0000	Complies
LTE Band 38	2572.5	28	0.70	1.1749	741.31	0.1475	1.0000	Complies
LTE Band 41	2498.5	28	0.92	1.2359	779.83	0.1551	1.0000	Complies
LTE Band 42 (3450-3550 MHz)	3552.5	28	-4.55	0.3508	221.31	0.0440	1.0000	Complies
LTE Band 42 (3550-3600 MHz)	3452.5	28	-7.21	0.1901	119.95	0.0239	1.0000	Complies
LTE Band 43 (3700-3800 MHz)	3702.5	28	-7.21	0.1901	119.95	0.0239	1.0000	Complies
LTE Band 43 (3600-3700 MHz)	3602.5	28	-7.21	0.1901	119.95	0.0239	1.0000	Complies
LTE Band 48	3552.5	25	-7.21	0.1901	60.12	0.0120	1.0000	Complies
LTE Band 66	1710.7	25	1.06	1.2764	403.65	0.0803	1.0000	Complies
LTE Band 70	1697.5	25	0.71	1.1776	372.39	0.0741	1.0000	Complies
LTE Band 71	665.5	25	-1.69	0.6776	214.29	0.0427	0.4437	Complies

For 5G NR:

Band	Frequency (MHz)	Max. Tune up Power (dBm)	Antenna Gain (dBi)	Antenna Gain (linear)	Output Power to Antenna	Power Density (mW/cm ²)	Power Density Limit (mW/cm ²)	Test Result
5G NR n2	1852.5	25	1.36	1.3677	432.51	0.0860	1.0000	Complies
5G NR n5	826.5	25	-0.12	0.9727	307.61	0.0612	0.5510	Complies
5G NR n7	2502.5	25	0.92	1.2359	390.84	0.0778	1.0000	Complies
5G NR n12	701.5	25	-1.67	0.6808	215.28	0.0428	0.4677	Complies
5G NR n13	779.5	25	-0.76	0.8395	265.46	0.0528	0.5197	Complies
5G NR n14	790.5	25	-0.86	0.8204	259.42	0.0516	0.5270	Complies
5G NR n25	1852.5	25	1.36	1.3677	432.51	0.0860	1.0000	Complies
5G NR n26 (814-824MHz)	816.5	25	-0.79	0.8337	263.63	0.0525	0.5443	Complies
5G NR n26 (824-849MHz)	826.5	25	-0.12	0.9727	307.61	0.0612	0.5510	Complies
5G NR n30	2307.5	24	-5.92	0.2559	64.27	0.0128	1.0000	Complies
5G NR n38	2580	28	0.70	1.1749	741.31	0.1475	1.0000	Complies
5G NR n41	2506.02	28	0.92	1.2359	779.83	0.1551	1.0000	Complies
5G NR n66	1712.5	25	1.06	1.2764	403.65	0.0803	1.0000	Complies
5G NR n70	1697.5	25	0.71	1.1776	372.39	0.0741	1.0000	Complies
5G NR n71	665.5	25	-1.69	0.6776	214.29	0.0427	0.4437	Complies
5G NR n77 (3700-3980 MHz)	3705	28	-4.34	0.3681	232.27	0.0462	1.0000	Complies
5G NR n77 (3450-3550 MHz)	3455.01	28	-4.55	0.3508	221.31	0.0440	1.0000	Complies
5G NR n78 (3700-3800 MHz)	3705	28	-7.21	0.1901	119.95	0.0239	1.0000	Complies
5G NR n78 (3450-3550 MHz)	3455.01	28	-4.55	0.3508	221.31	0.0440	1.0000	Complies

For the max simultaneous transmission MPE:

Ratio		Total	Limit of Ratio	Test Result
5G NR	5GHz			
0.1551	0.0266	0.1817	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)
- (3) The WWAN Max. Tune Up Power test results reference to module report which is provided by the manufacturer.(Report No.: SZCR240400151405)

End of Test Report