

|                       |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Manufacturer          | G.Tech Technology Ltd.                                                                        |
| Product               | Keyboard                                                                                      |
| Date                  | 2023/2/8                                                                                      |
| Tested by             | Carl                                                                                          |
| Model                 | KD205                                                                                         |
| Testing laboratory    | TUV Rheinland(Shenzhen) Co.,Ltd.                                                              |
| Test Site Location    | No.362, Huangguan Middle Road, Guanghu Street, Longhua District, Shenzhen, 518110, P.R. China |
| Test specification:   | 3GPP TS 34.114; 3GPP TR 37.902; 3GPP TR 25.914; IEEE Std 149-1979 Test procedure for antennas |
| Frequency             | 2402-2480MHz                                                                                  |
| Antenna type          | PCB antenna                                                                                   |
| Operation Temperature | -20°C~+65°C                                                                                   |

#### Testing Condition

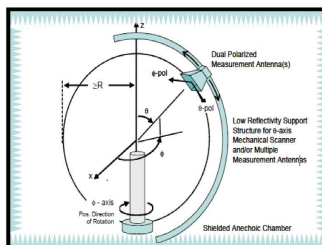
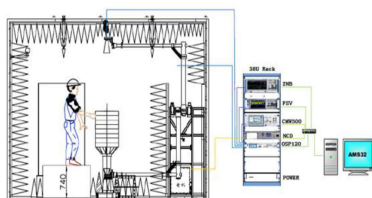
| Environment Parameter                     | Ambient Pressure | Temperature | Voltage | Relative Humidity |
|-------------------------------------------|------------------|-------------|---------|-------------------|
| Normal Temperature, Normal Voltage (NTNV) | 100 to 102 KPa   | 23.6°C      | AC 220V | 59.5%             |

| List of Equipment                |              |         |            |            |          |
|----------------------------------|--------------|---------|------------|------------|----------|
| Description                      | Manufacturer | Model   | Serial No. | Cal. Date  | Cal. Due |
| Vector Network Analyzer          | R&S          | ZNB 8   | 107040     | 2022.08.09 | 1 year   |
| Signal and Spectrum Analyzer     | R&S          | FSV 7   | 103665     | 2022.08.09 | 1 year   |
| Open switch and control platform | R&S          | OSP120  | 102054     | N/A        | N/A      |
| Positioner Controller            | R&S          | NCD     | Jan-67     | N/A        | N/A      |
| Test antenna                     | R&S          | TC-TA18 | 101198     | N/A        | N/A      |

#### Test set up

Measurements are performed in a R&S TS8991 3D fully anechoic test system. The test system includes a high-performance RF-shielded, rectangular anechoic chamber, a Distributed-axes system and R&S AMS32 data acquisition and analysis software.

#### Typical Setup for R&S TS8991



| KD205     |                |               |           |
|-----------|----------------|---------------|-----------|
| Frequency | Efficiency(dB) | Efficiency(%) | Peak Gain |
| 2400.00   | -1.34          | 73.50         | 2.72      |
| 2402.00   | -1.32          | 73.84         | 2.68      |
| 2405.00   | -1.34          | 73.44         | 2.70      |
| 2410.00   | -1.28          | 74.49         | 2.78      |
| 2415.00   | -1.24          | 75.10         | 2.91      |
| 2420.00   | -1.18          | 76.19         | 2.88      |
| 2425.00   | -1.12          | 77.23         | 2.99      |
| 2430.00   | -1.09          | 77.83         | 3.01      |
| 2435.00   | -1.05          | 78.46         | 3.06      |
| 2440.00   | -1.07          | 78.25         | 3.12      |
| 2441.00   | -1.05          | 78.47         | 3.12      |
| 2445.00   | -1.07          | 78.25         | 3.10      |
| 2450.00   | -1.06          | 78.32         | 3.05      |
| 2455.00   | -1.12          | 77.33         | 3.07      |
| 2460.00   | -1.08          | 78.06         | 3.12      |
| 2465.00   | -1.05          | 78.53         | 3.13      |
| 2470.00   | -1.06          | 78.39         | 3.09      |
| 2475.00   | -1.14          | 76.89         | 3.02      |
| 2480.00   | -1.19          | 76.12         | 3.06      |
| 2485.00   | -1.28          | 74.53         | 2.87      |
| 2490.00   | -1.33          | 73.63         | 2.93      |
| 2495.00   | -1.42          | 72.10         | 2.78      |
| 2500.00   | -1.52          | 70.40         | 2.61      |

