

Construction Type Certification

Registration No. CSRT190011

Certificate Holder Quetel Wireless Solutions Co., Ltd.
7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai
200233, China

Product Category Article 2, Paragraph 1, Item 11-3

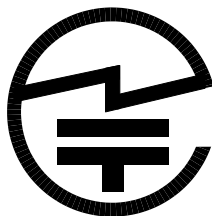
Model Type or Name EC25-J, EC25-J MINIPCIE

Type of Emission, Frequency and Antenna Power 5M00 G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W
1922.6MHz~1977.4MHz(200kHz separation 275 channels) 23dBm
902.6MHz~912.4MHz(200kHz separation 50 channels) 23dBm
832.4MHz~842.6MHz(200kHz separation 52 channels) 23dBm
832.5MHz, 837.5MHz, 842.5MHz 23dBm

Manufacturer Quetel Wireless Solutions Co., Ltd.
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Remarks The scope of evaluation relates to the submitted documents and product only.
It is only valid in conjunction with the Annex.

When the product is placed on the Japanese market, the Specified Radio Equipment marking as shown on the right must be attached on visible part of the product.




R 018-190011

Witnesses that the certification is on Construction Type Certification under Article 38-24 of the Radio Law.

Date of Certificate
2019/1/7



Certification Examiner : Takuji Nakano

 Certificate Technical Support Center Co., Ltd.



Technical Construction Form (XY, W-CDMA)

1. Product Description	LTE Module	
2. Model Number	EC25-J, EC25-J MINIPCIE	
3. IEEE Standard No.	-	
4. Transmitter		
(1) Rated Output	23dBm	
(2) Type of Emission and frequency	5M00 G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W 1922.6MHz~1977.4MHz(200kHz separation 275 channels) 902.6MHz~912.4MHz(200kHz separation 50 channels) 832.4MHz~842.6MHz(200kHz separation 52 channels) 832.5MHz, 837.5MHz, 842.5MHz	
(3) Oscillation	Synthesizer method using Crystal Oscillator with 19.2MHz	
(4) Type of Modulation	BPSK, QPSK	
(6) RF Chip Number	WTR2965	
5. Antenna		
(1) Type or Structure	Chip Antenna, Dipole Antenna, Ext Antenna, FPCB Antenna, LTE MIMO Antenna, Magnetic Antenna, Metal Antenna, Monopole Antenna, Multi Band Antenna, Omni-Directional Antenna, Pattern Antenna, PCB Antenna, PIFA Antenna, SMA PLUG Antenna, SMD Antenna, Ultra-wideband I-bar Antenna, $1/4 \lambda$ Antenna, $\lambda/2$ Antenna	
(2) Antenna Gain	3dBi	
6. Power Source	DC3.8V	
7. Auxiliary	<ul style="list-style-type: none"> - Calling and response action (include switching channel during connecting and calling) - Identify mobile phone with an unique number - Automatic antenna power control function (Article 49-6-4 of the Ordinance Regulating Radio Equipment) 	
8. Test Report	JG8N2908A (Issued Date: 2019.01.02)	
9. Test Lab	Sporton International Inc. (KunShan)	
10. Review Documents	Block Diagram Circuit Diagram BOM List Antenna Specification	External/Internal Photographs PCB Layout User Manual Certificate Label Design and Location
11. Confirmation Method of Certification by Type	ISO 9001 Certificates	
12. Reference Information	<ul style="list-style-type: none"> - Connection to Telecommunication Circuit Equipment - Module shaped radio equipment Peripheral equipment: Testing Board Interface: Mini PCIe, ANT, VBAT, PWRKEY, RESET_N, ADCs, STATUS....	