

Radio information

Conformity



We 'DEFA AS' hereby that this product (Product Name: DEFA Power™, Model Name: DEEVC/CT2/22&DEEVC/WB480/22) is compliant with the essential requirements and other related provisions of Directive 2014/53/EU.

We have two labels, one of which is the unit label named DEFA Power Up and the other is the bracket label named DEFA Power Ready. The end product model name is combined with above two type names and Its name is DEFA Power™.

The following tables show radio information related to where used, output power, frequencies, modulations, and antenna types.

Intended Use / Category	BLE [Bluetooth Low Energy]
RF output power (type)	9.42 dBm (EIRP)
Frequency range (MHz)	2402~2480
Modulation	GFSK
Antenna type	Ceramic chip

Intended Use / Category	BLE(1M/2M)
RF output power (type)	9.86 dBm (EIRP)
Frequency range (MHz)	2402~2480
Modulation	GFSK
Antenna type	PCB Antenna

Intended Use / Category	2.4G WLAN (802.11b/g/n) [Wireless Local Area network]
RF output power	18.60 dBm (EIRP)
Frequency range (MHz)	2412~2472
Modulation	DSSS, OFDM, OFDMA
Antenna type	Ceramic chip

Intended Use / Category	5 GHz RLAN (802.11 a/n/ac) [Radio Local Area Network]
RF output power	17.85 dBm (EIRP)
Frequency range (MHz)	5470-5725
Modulation	OFDM, OFDMA
Antenna type	Ceramic chip

Intended Use / Category	5.8 GHz SRD (802.11a/n/ac) [Short Range Devices]
RF output power	13.95 dBm (EIRP)
Frequency range (MHz)	5725~5850
Modulation	OFDM, OFDMA
Antenna type	Ceramic chip

Intended Use / Category	GSM900/DCS1800 [Global System for Mobile communication]
RF output power	33dBm Rated for GSM 900/30dBm Rated for DCS 1800
Frequency range (MHz)	Uplink: GSM 900: 880~915 MHz; DCS 1800: 1710~1785 MHz Downlink: GSM 900: 925~960 MHz; DCS 1800: 1805~1880 MHz
Modulation	GMSK for GPRS; GMSK/8PSK for EDGE
Antenna type	PCB, SMD Antenna

Intended Use / Category	LTE Band 1/3/8/20/28 [Long-Term Evolution band]
RF output power	23dBm Rated for LTE bands
Frequency range (MHz)	Uplink: B1: 1920 ~ 1980 MHz; B3: 1710 ~ 1785 MHz; B8: 880 ~ 915 MHz; B20: 832 ~ 862 MHz; B28: 703 ~ 748 MHz Downlink: B1: 2110 ~ 2170 MHz; B3: 1805 ~ 1880 MHz; B8: 925 ~ 960 MHz; B20: 791 ~ 821 MHz; B28: 758 ~ 803 MHz
Modulation	QPSK, 16QAM for LTE
Antenna type	PCB, SMD Antenna

Intended Use / Category	NFC [Near Field Communication]
RF output power	-3.247dBuA/m@3m
Frequency range (MHz)	13.56MHz
Modulation	ASK
Antenna type	PCB Antenna