

# SANCHAR

## G2U+

License Free  
Walkie - Talkie

ETA No. : 20190400036

Dated : 16/04/2019

Unique, light, Attractive design, Easy to operate

CTCSS / DCS function, Protection on against VSWR

Low Battery Alert / VOX for hand free operation

Emergency Alarm, Busy Channel Lockout

Priority Scan, Scrambler

Rugged Product, voice compander



**Working  
Frequency**

446 - 446.2 MHz

# SANCHAR G2U+

Product Data Sheet  
License Free Handheld  
Radios

## G2U+ License Free Walkie - Talkie

### Specification & MIL-STD

G2U+	
General	UHF
Frequency Range	446 - 446.2 MHz
No. of Channel	16 Channels
Capacity Battery Life	2600 mAh Li-Ion (Standard)
Operating Temperature	From -25°C to +55°C
Dimension : H X W X D	120 X 62 X 42mm (Including Battery)
Weight (Net Weight)	266gm (Including Battery & Antenna)

G2U+	
Receiver	
	Narrow Band
Sensitivity (12 dB SINAD)	0.2µV @20/25KHz
Intermodulation EIA	60dB
Adjacent Channel Selection	65dB
Spurious Response	65dB
Rated Audio	1W
Audio Response	+3 ~ -3 dB
Audio Distortion	≥5%
Audio Power Output	500mW / 3%
Transmitter	
Frequency Stability	2.5ppm
Adjacent Channel Power	-60dB
Modulation Limiting	+≤5KHz@25KHz
FM Hum & Noise	45dB@25KHz
Conducted/Radiated Emission	-36Bm<1GHz, -30dBm>1GHz
Audio Response	+3 ~ -3 dB
Audio Distortion	≤3%

#### Applicable MIL-STD

Military Standards	Methods / Procedures MIL-STD 810C	Methods / Procedures MIL-STD 810D	Methods / Procedures MIL-STD 810E	Methods / Procedures MIL-STD 810F
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
Rain	506.1/Procedure I,II	506.2/Procedure I,II	506.3/Procedure I,II	506.4/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV


**SANCHAR G2U+**  
Product Data Sheet  
License Free Handheld  
Radios

## G2U+ Accessories

**1** Battery  
SPH-904L



**2** Headset  
G2U+



**3** Charger  
SPC-2W



**4** Belt Clip  
G2U+



**5** Antenna  
STA-G2U+

