

3.3. EUT'S TECHNICAL SPECIFICATIONS

TRANSMITTER	
Equipment Type:	<input type="checkbox"/> Portable <input checked="" type="checkbox"/> Mobile <input checked="" type="checkbox"/> Base Station (fixed use)
Intended Operating Environment:	<input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial, light industry & heavy industry
Power Supply Requirement:	13.8 Vdc nominal
RF Output Power Rating:	1 Watt
Operating Frequency Range:	902.2 - 927.8 MHz
RF Output Impedance:	50 Ohms
Channel Spacing:	200 kHz
Duty Cycle:	Continuous
20 dB Bandwidth:	118.6 kHz
Modulation Type:	CPFSK
Channel Occupancy:	23 msec within 20 second period
Emission Designation:	Frequency Hopping Spread Spectrum
Oscillator Frequency(ies):	TCXO 16MHz, L.O. – 110.7MHz, 2 nd L.O. 100MHz
Antenna Connector Type:	Non-integral, Standard TNC connector (Professional Installation). Please refer to User Manual for detailed instruction of antenna installation and RF Exposure Warning.
Antenna Description:	Manufacturer: MDS ClearWave Antennas Type: Yagi P/N: 97-3662A13 Frequency Range: 890 – 960 MHz In/Out Impedance: 50 Ohms Gain: 4 dBd

3.4. LIST OF EUT'S PORTS

Port Number	EUT's Port Description	Number of Identical Ports	Connector Type	Cable Type (Shielded/Non-shielded)
1	LAN	1	RJ-45 Ethernet	Non-Shielded
2	COM	1	DB9 Female	Shielded
3	Antenna	1	TNC	Shielded
4	Power	1	2 Pin Inline	Non-Shielded

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- Assessed by ITI (UK) Competent Body, NVLAP (USA) Accreditation Body & ACA/AUSTEL (Australia), VCCI (Japan)
- Accredited by Industry Canada (Canada) under ACC-LAB (Europe/Canada MRA and APEC/Canada MRA)
- Recognized/Listed by FCC (USA)
- All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)