

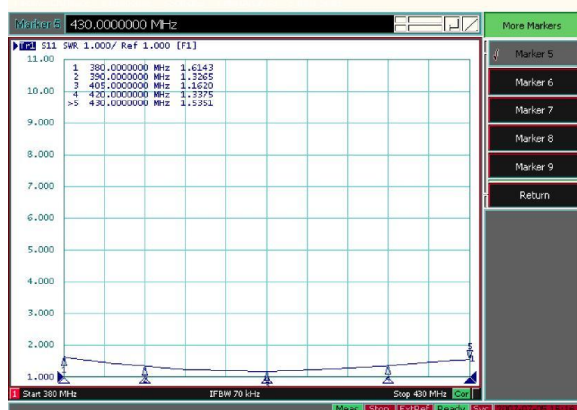
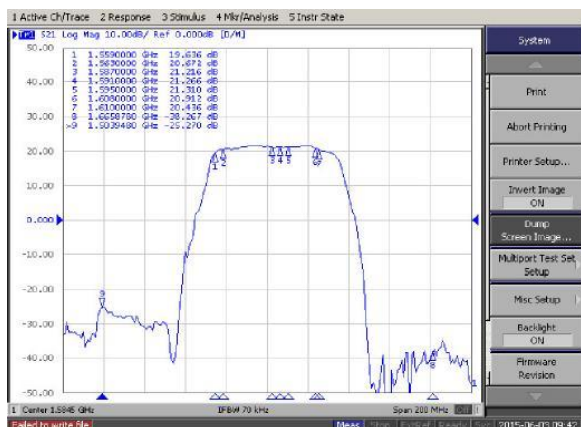
## ACTIVE GPS/GNSS/GALILEO / TETRA 380 ÷ 430 MHz

T-AT987.01

### SPECIFICATIONS:

#### Material

|                        |                        |
|------------------------|------------------------|
| Cap                    | Polyamide 6            |
| Gasket                 | Arnitel EP 400         |
| Rod                    | Moplen + Rubber 50 Sh. |
| Colour                 | Black                  |
| Net weight ( g )       | 210                    |
| Base dimensions ( mm ) |                        |
| Lenght                 | 95                     |
| Width                  | 52                     |
| Mounting hole ( mm )   |                        |
| Squared                | 15*15                  |
| Round                  | Ø 19                   |
| Temperature ( °C )     | -30° - +80°            |



### TECHNICAL DATA GPS/GNSS/GALILEO

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Antenna type       | Active Planar Patch Antenna                             |
| Center frequency   | 1580 MHz                                                |
| Bandwidth          | ± 28MHz                                                 |
| V.S.W.R            | Less than 2.0                                           |
| Impedance ( Ohms ) | 50                                                      |
| Polarization       | RHCP                                                    |
| Supply voltage     | 2.7 ÷ 5.1 V                                             |
| Current absorption | 10 ± 1 mA at 2.7 V.<br>16 ± 1 mA at 5.0 V.              |
| Gain amplifier     | 18 ± 1 dB at 2.7 V.<br>22 ± 1 dB at 5.0 V.              |
| Gain patch antenna | 2 dB                                                    |
| Noise figure       | 1.7 ÷ 2.1 dB                                            |
| Temperature ( °C ) | -30° - + 80°                                            |
| Cable              | RG 174 mm. 180±20                                       |
| Connector          | SMA M.                                                  |
| Extension cable    | RG174 mm.5000±50<br>SMA F. / FAKRA F.<br>"C" WATERPROOF |

### TECHNICAL DATA TETRA:

|                    |                                  |
|--------------------|----------------------------------|
| Antenna type       | 1/4 l Mobile Antenna             |
| Frequency range    | 380 ÷ 430 MHz                    |
| Impedance ( Ohms ) | 50                               |
| Max power ( W )    | 20                               |
| V.S.W.R.           | less than 1.8                    |
| Polarization       | Vertical                         |
| Emission           | Omnidirectional                  |
| Gain ( dBi )       | 2.14                             |
| Rod lenght ( mm )  | 131±5                            |
| Rod section        | 1                                |
| Rod elevation      | 74°                              |
| Cable length       | RG 174 mm.300±20                 |
| Connector          | FME M.                           |
| Extension cable    | RG58 mm.5000±50<br>FME F./TNC M. |

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