



2J6033MGF

(DATASHEET)

| | |
|--------------------|--|
| Type | Combined antenna |
| Frequencies | GPS/GLONASS (1572-1610 MHz) IRIDIUM (1616 - 1626 MHz) |
| Mounting | Magnetic Mount |
| Revision | 00 |



P. Tipul



1. SPECIFICATION

1.1. Electrical Specifications

Iridium (Cable 1):

| | |
|--------------|---------------------------|
| Frequencies | IRIDIUM (1616 - 1626 MHz) |
| Impedance | 50 Ohms |
| Polarization | RHCP |
| Gain | 3 dBiC |
| VSWR | <1.5:1 |

GNSS (Cable 2):

| | |
|----------------|-----------------------------|
| Frequencies | GPS/GLONASS (1572-1610 MHz) |
| Impedance | 50 Ohms |
| Polarization | RHCP |
| LNA Gain | 23dB at 3V, 24dB at 5V |
| VSWR | <1.2:1 |
| Voltage supply | 2.7V - 5.5V |
| Current | 15mA - 25mA |
| Power (max.) | 138mW |

General

| | |
|-----------------------|----------------|
| Operating temperature | -40°C to +85°C |
|-----------------------|----------------|

1.1. Connection Specifications

1.1.1. Iridium

| | |
|-----------------|----------|
| Cable type: | LMR100 |
| Cable length: | 1.5m |
| Connector type: | SMA male |

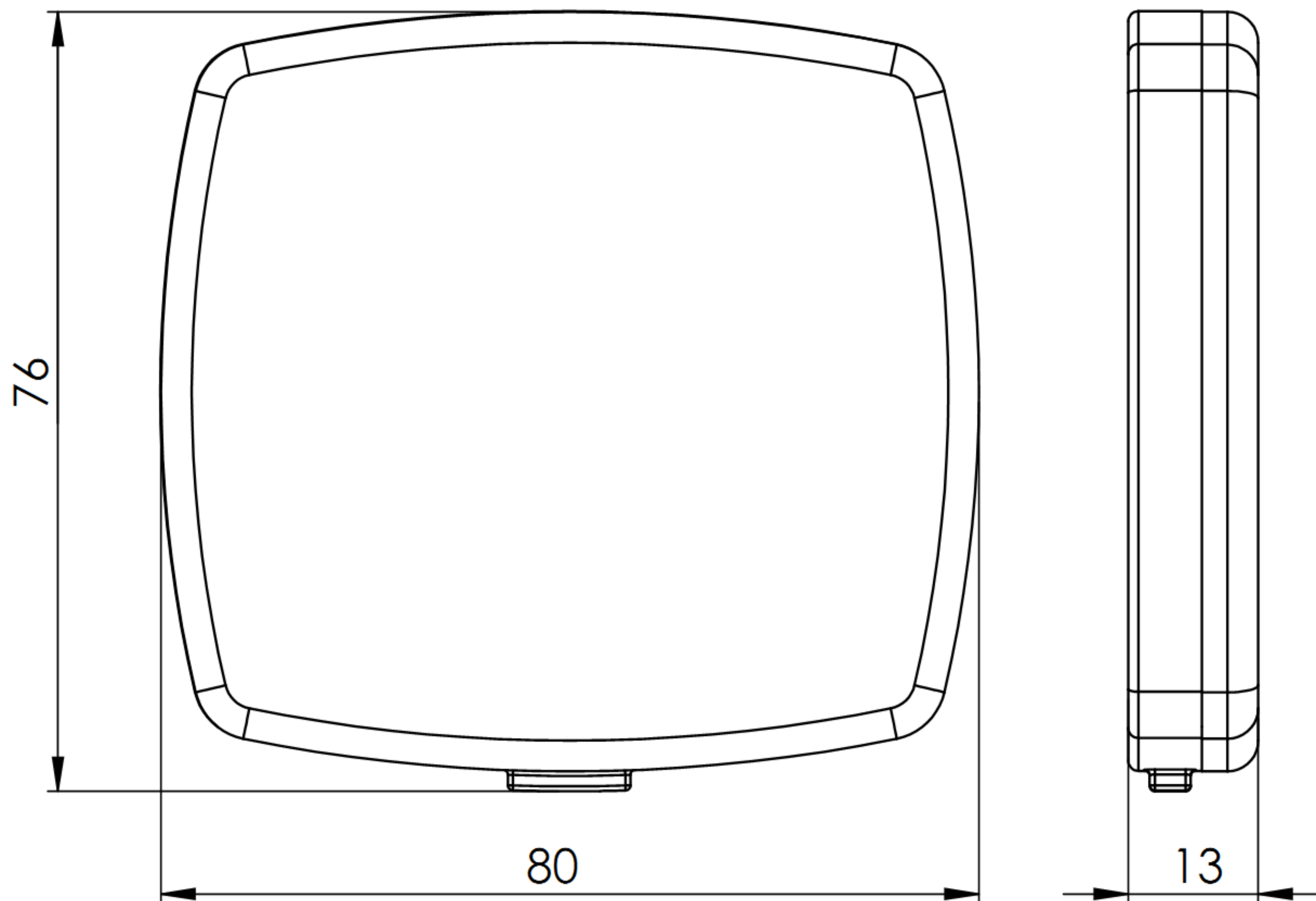
1.1.1. GNSS

| | |
|-----------------|----------|
| Cable type: | RG174 |
| Cable length: | 1.5m |
| Connector type: | SMA male |

1.2. Mechanical Specifications and Dimensions

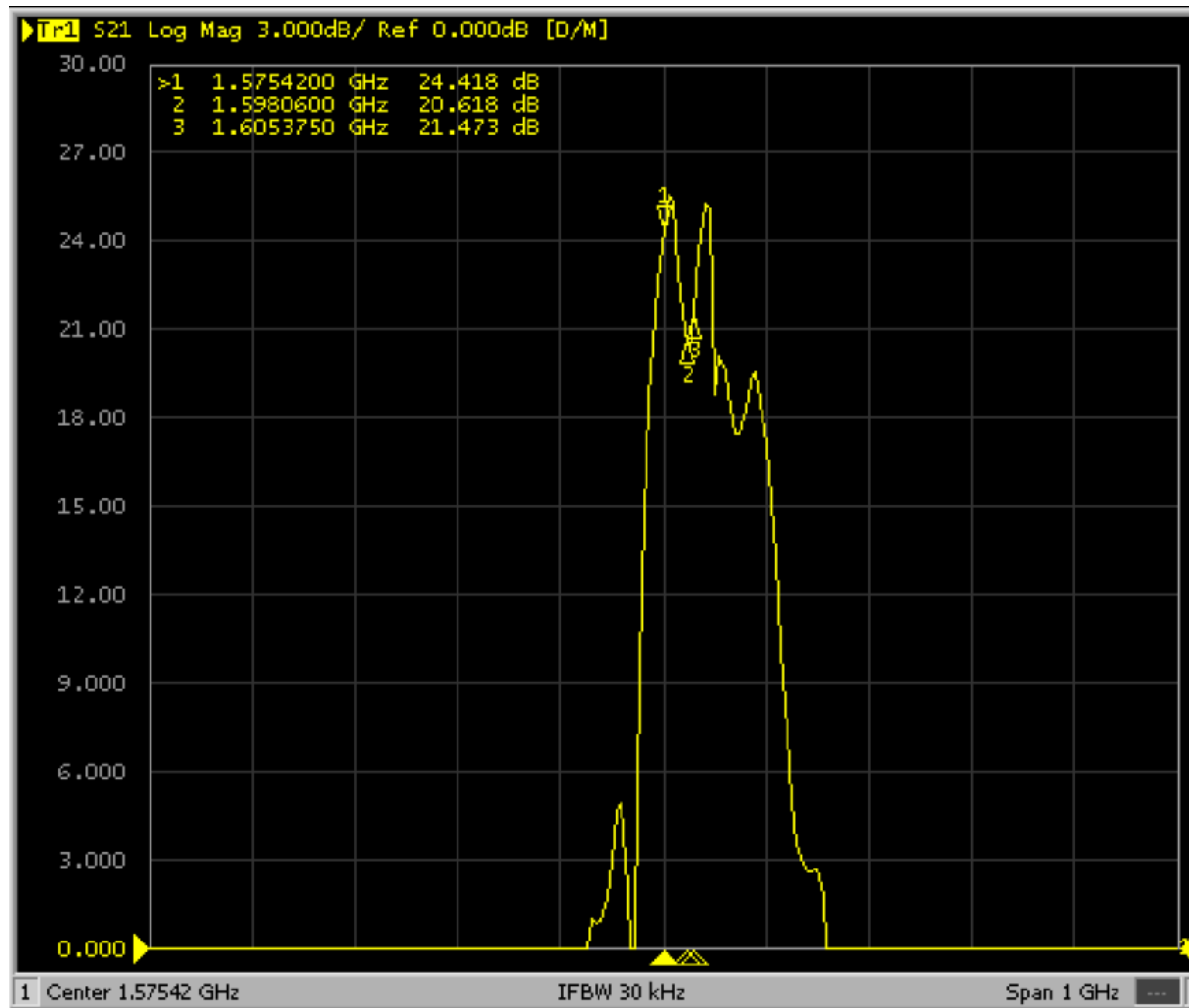
1.2.1. Mechanical Specification

| | |
|------------------|---|
| Material: | ABS |
| Max. dimensions: | 13mm x 80mm x 76mm (H x L x W) |
| Colour: | Black (for different colours please ask our sales team) |

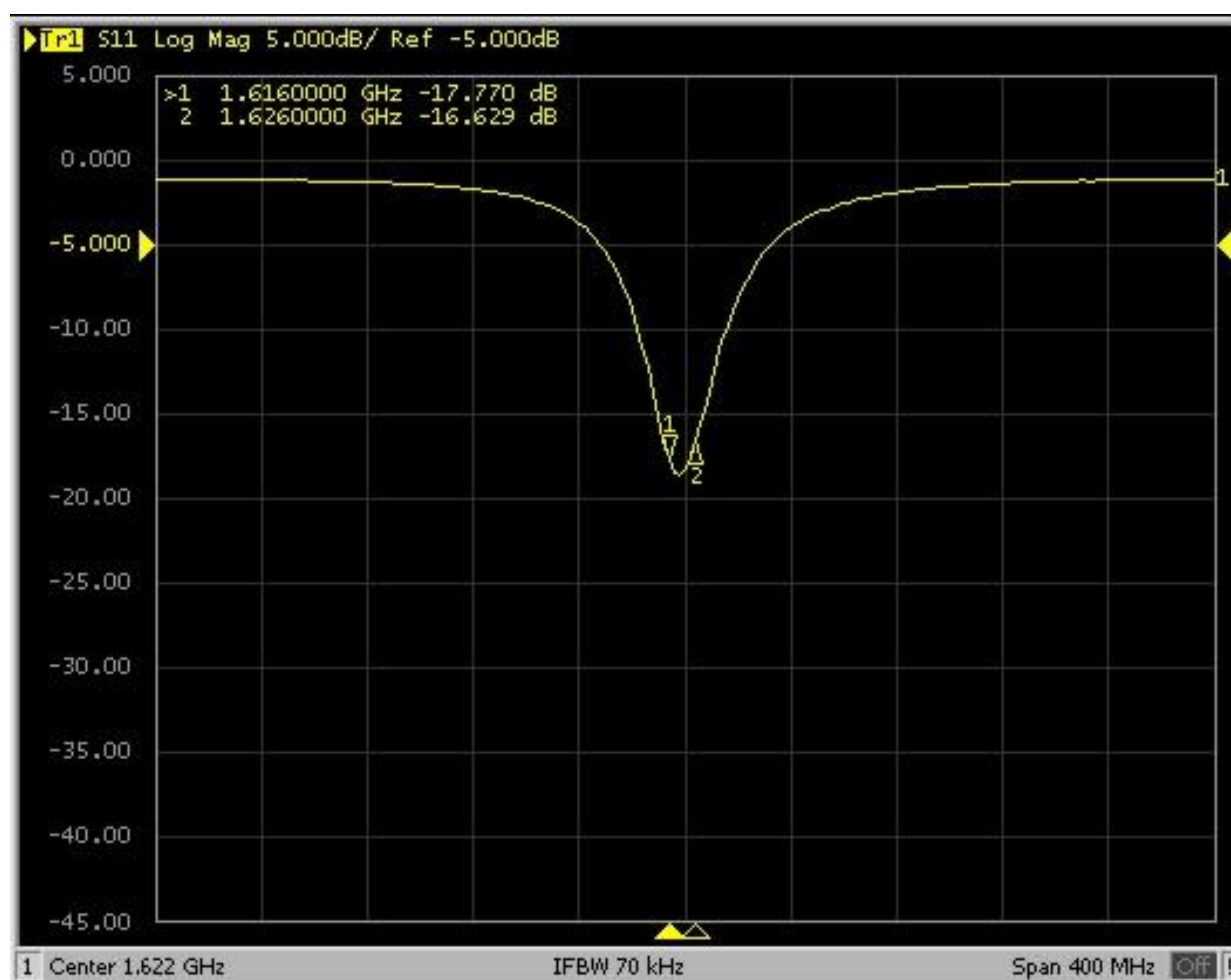


2. MEASUREMENT

GPS/GLONASS at 3V:



IRIDIUM:



3. IMAGES

