ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

# 880-915 MHz / 925-960 MHz GSM Duplexer

## Part Number: AD897-942D437

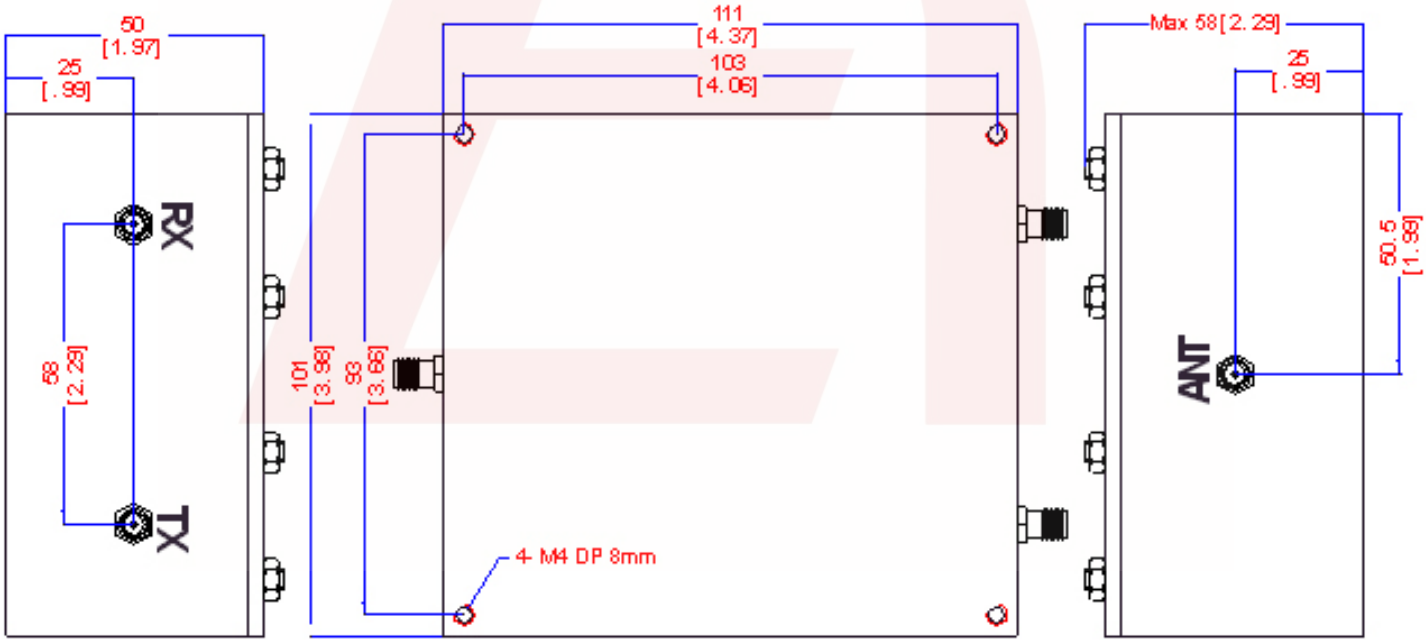
ISO 9001 REGISTERED FIRM

| Characteristics | Band 1 | Band 2 |
|---|---|---|
| **Passband:** | 880- 915 MHz | 925 – 960 MHz |
| **Bandwidth:** | 35 MHz | 35 MHz |
| **Passband Return Loss:** | ≥18 dB | ≥18 dB |
| **Passband Insertion Loss:** | ≤1 dB | ≤1 dB |
| **Passband Ripple:** | ≤0.6 dB | ≤0.6 dB |
| **Input / Output Impedance:** | 50 Ohms | 50 Ohms |
| **Isolation:** | ≥50 dB | ≥50 dB |
| **Power Handling:** | 50 Watts | 50 Watts |

| Mechanical | |
|---|---|
| **Mounting Method:** | Threaded Mounting Holes |
| **Connector Type:** | SMA (F) |
| **Dimensions:** | 4.37 x 3.98 x 2.29 inches |

| Environmental | |
|---|---|
| **Operating Temperature:** | -40 to +70 deg.C |
| **Storage Temperature:** | -50 to +90 deg.C |

## Outline Drawing:




**Reference DCR: D051419-01A**
2 decimal places: +/-0.01 inches [+/- 0.3mm]
3decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.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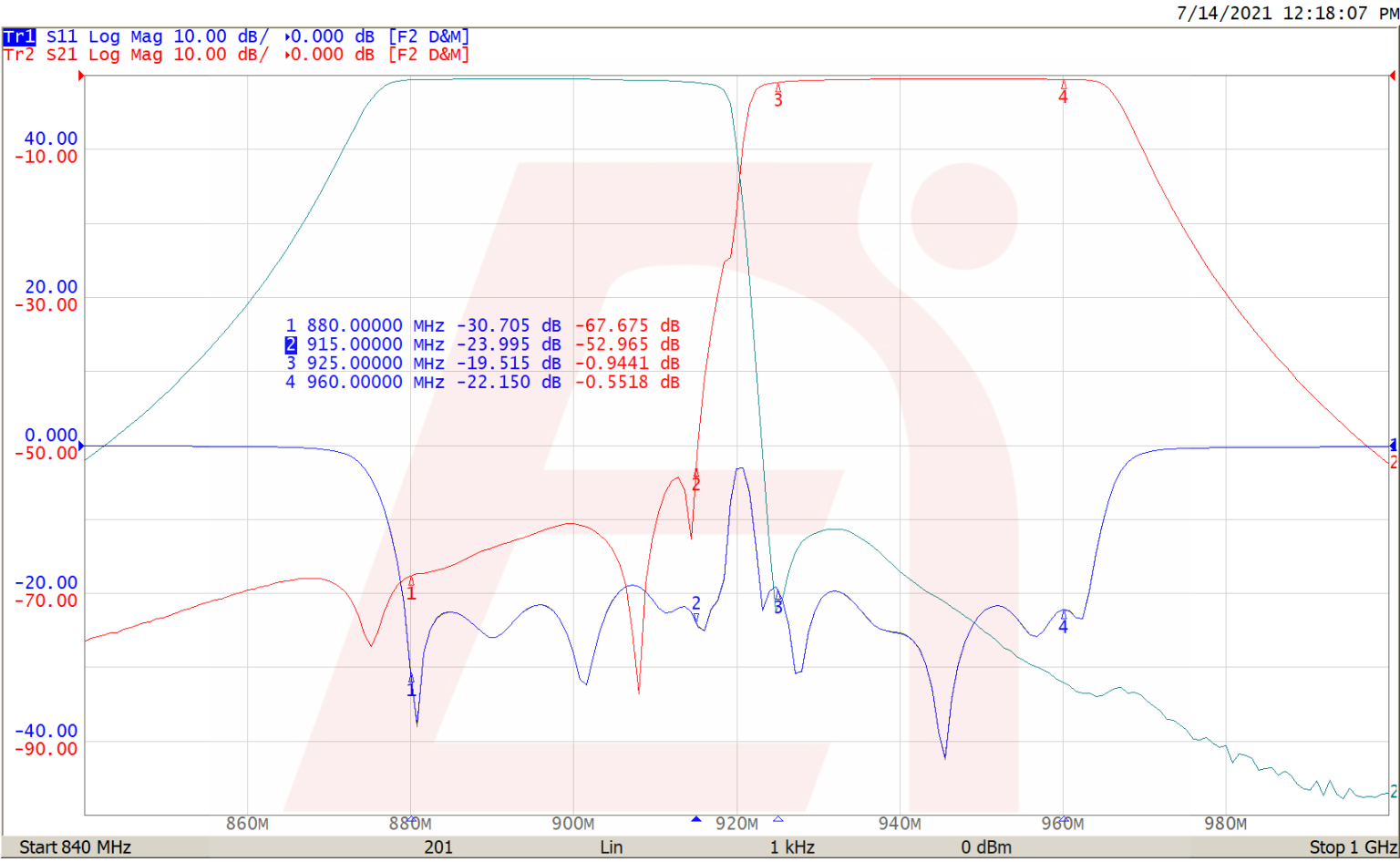
## Response Plot:

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