

Serial Number: 000027

HM 140-220
Harmonic Mixer
Part-No.: 02100034



Technical Specifications

RF-Frequency Range [GHz]	140 - 220
RF-Interface	WR 5.1 (UG387/U flange compatible)
RF-Input Power max. [dBm]	0
RF-VSWR	2.5:1
IF & LO-Interface	2.92 mm (female)
LO-Frequency Range [GHz]	8.62 - 13.75
LO-Input Power [dBm]	+ 13
IF-Frequency Range [MHz]	10 - 2000
1dB Compression Point [dBm]	- 5
Conversion Loss SSB [dB]	typ. 30
Case Temperature max. [°C]	+ 45

Technical Performance

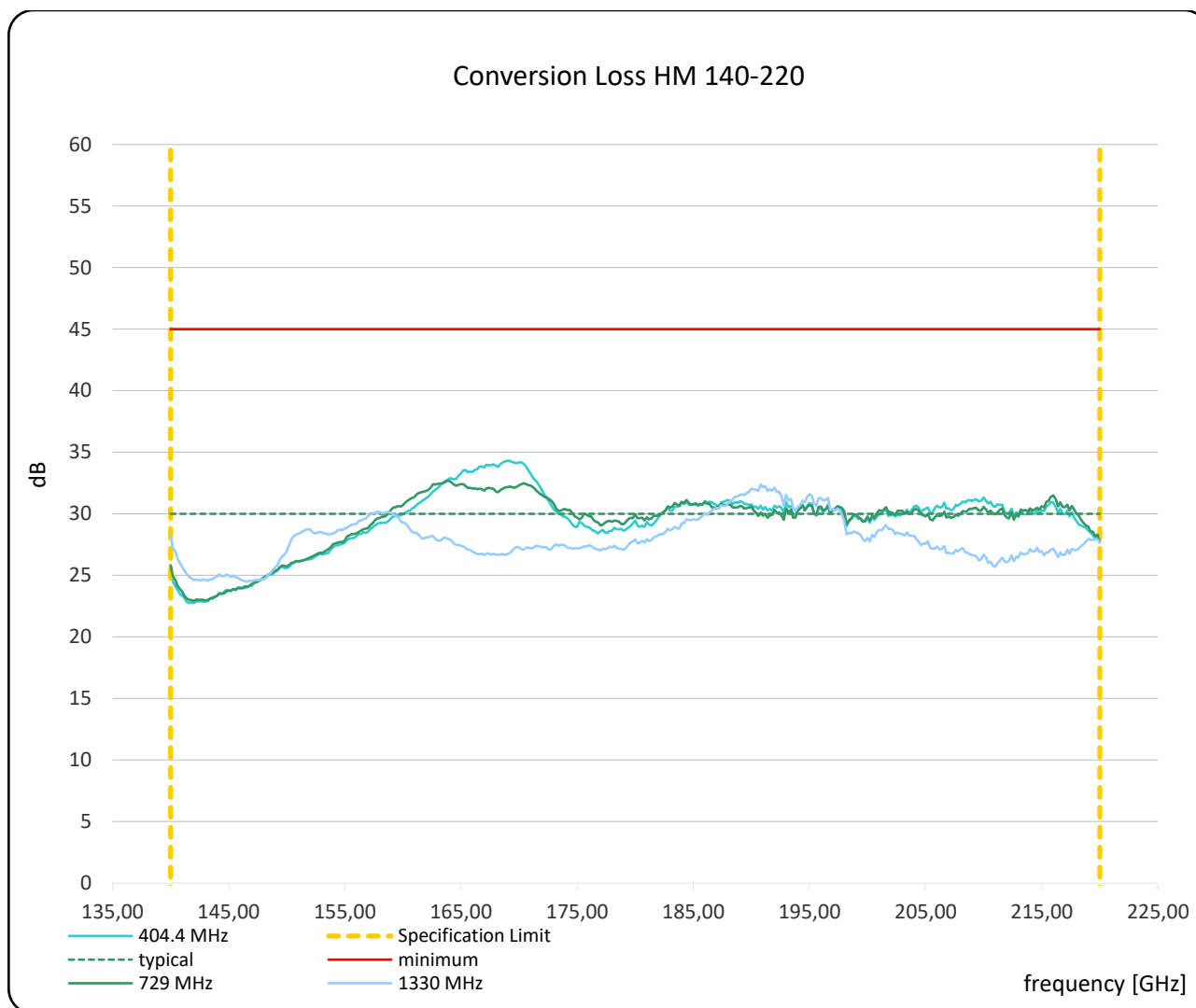


Figure 1: Measured conversion loss between 140 GHz and 220 GHz

Outline Drawing

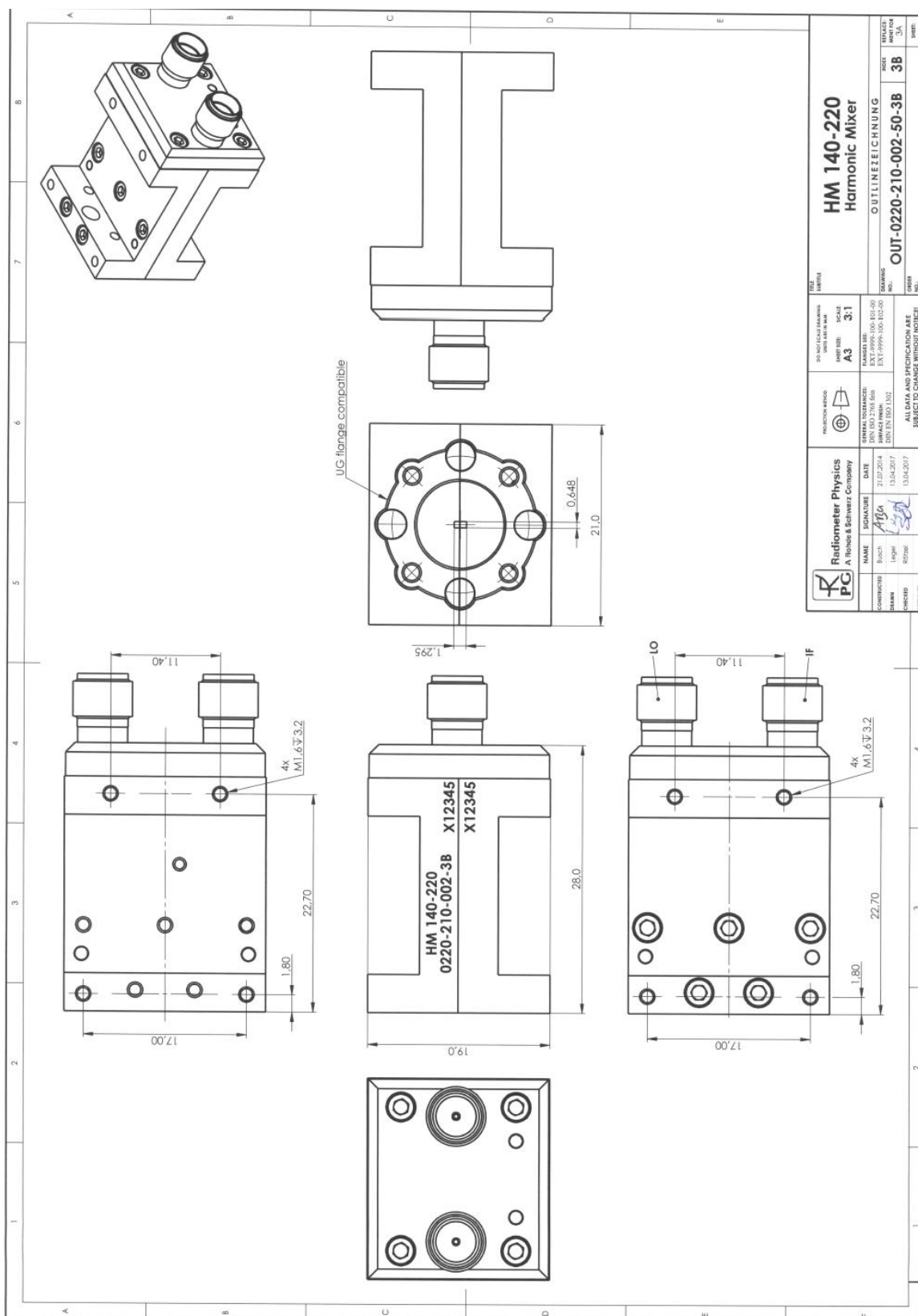


Figure 2: Outline Drawing of HM 140-220