

Serial Number: 000096

HM 110-170 Harmonic Mixer

Part-No.: 02100033



Technical Specifications

RF-Frequency Range [GHz]	110 - 170
RF-Interface	WR-6.5 (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]	9.00 - 14.17
LO-Input Power [dBm]	+ 15.5
IF-Frequency Range [MHz]	5 - 2000
1dB Compression Point [dBm]	- 5
Conversion Loss SSB [dB]	typ. 25
Case Temperature max. [°C]	+ 45

Technical Performance

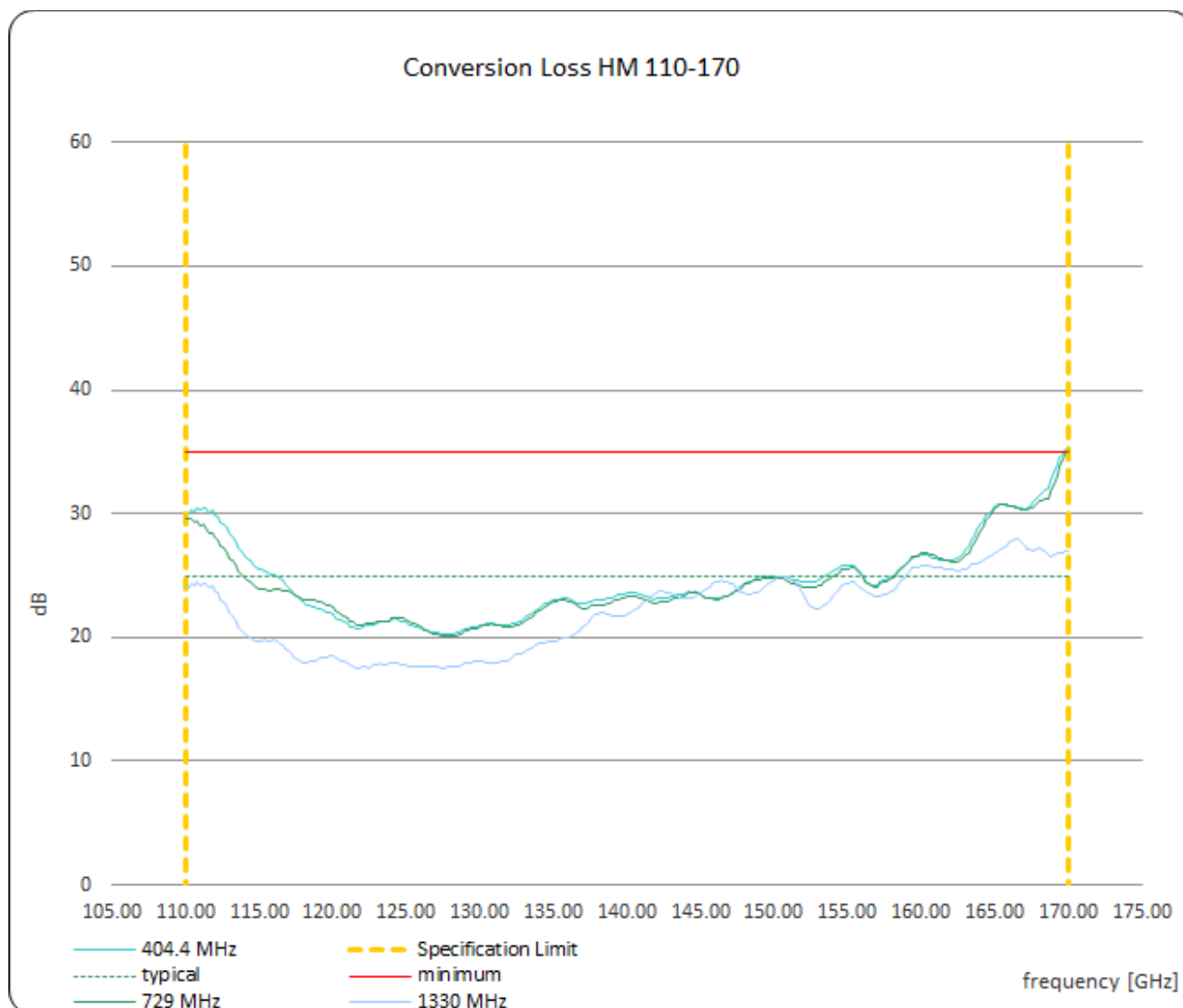


Figure 1: Measured conversion loss between 110 GHz and 170 GHz

