ZRX140

ZRX140 High Dynamic Receiver

Part-No.: 21000034

Product Description

Key Features:

- Full Band WM-2032 (90 - 140 GHz)
- High Dynamic Range: typ. 130 dB
- Fixed attenuators
- Passive Cooling
- Convenient handling
- Multi position housing for on-wafer and waveguide measurements
- Compatible to IEEE Flange

Accessories/Options:

- Antennas
- Test port adapters
- Mechanical tunable attenuators (0-40dB)

Technical Specifications	
RF Frequency [GHz]	90 - 140
Receiver Response[1] [dB (typ.)]	--
System NF [dB (typ.)]	--
Dynamic[2] [dB (typ.)]	>105, typ.120
Input Signal 1 dB Compression Point [dBm]	-5
RF Input Port	WM-2032 (UG387 and IEEE flange compatible)
LO Multipl. Factor	8
LO VSWR	
IF VSWR	1.4:1
LO Input power [dBm]	+7
LO Frequency Range [GHz]	11.25 - 17.5
IF Frequency Range [MHz]	1 – 2500
LO Damage Level [dBm]	
RF Damage Level [dBm]	0 (with 20dB attenuation)

[1] Receiver response with IF amplification

[2] Resolution Bandwidth 10 Hz, measured with RPG TX-110

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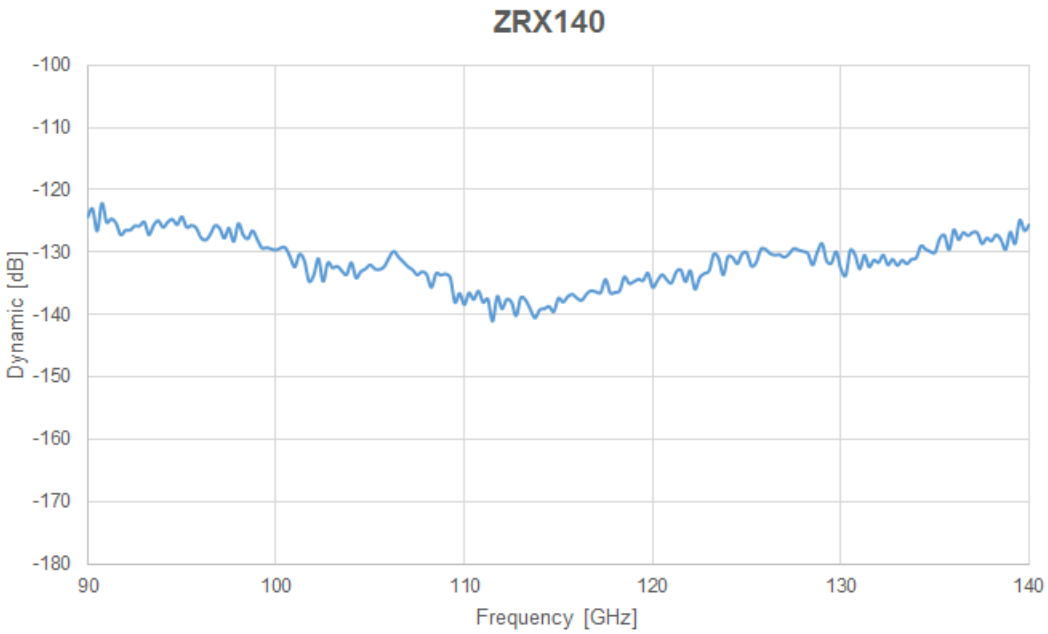
Typical Performance



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