

ALN0.6G1.2G-40

High Power Low Noise Amp

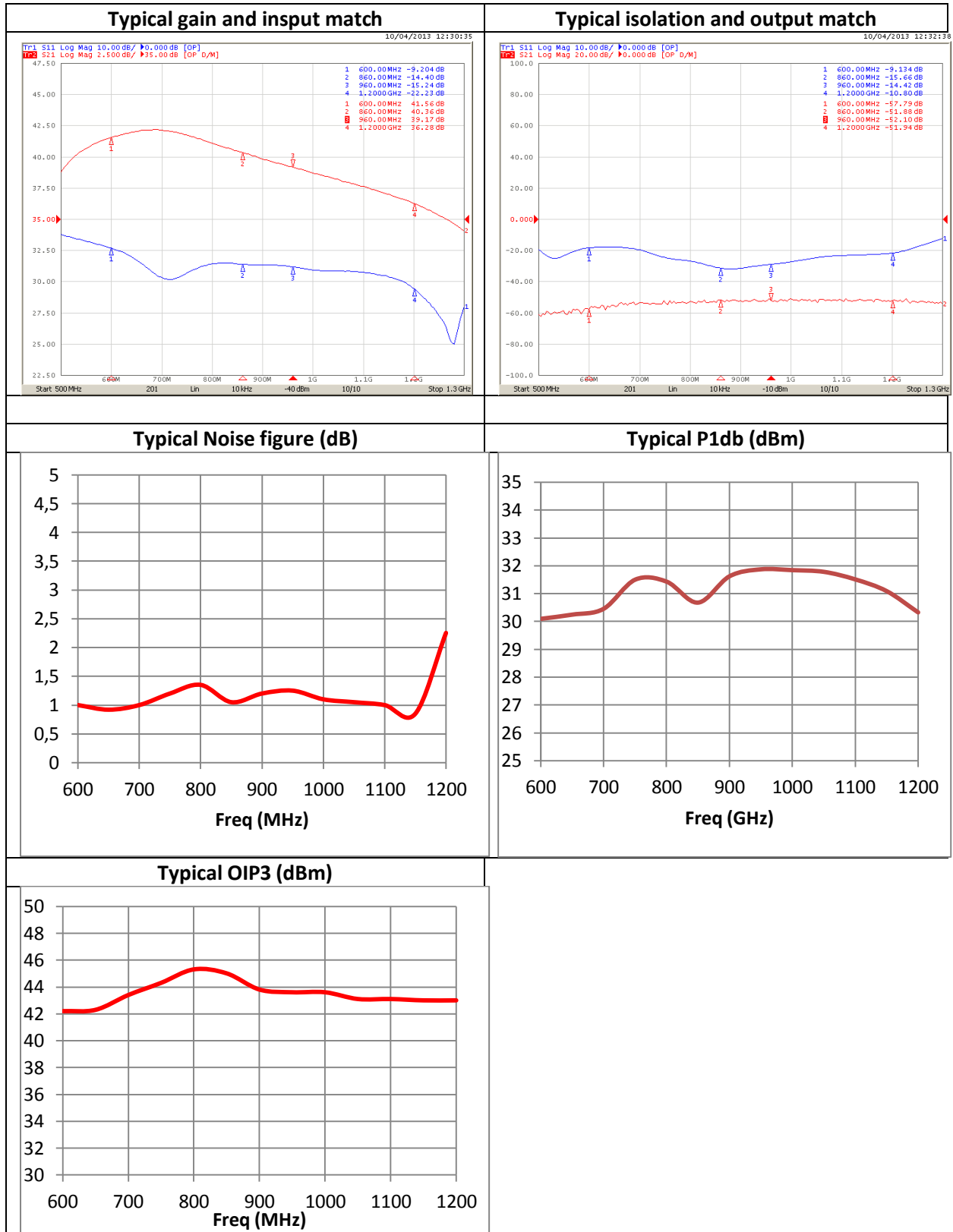
- Suitable for GSM/CDMA/ADS-B
- 600MHz to 1200MHz
- Gain: 40.0dB@960MHz
- NF: 1.5dB typ
- P1dB: +31.0dBm
- OIP3: +43.0dBm
- I/O matched 50Ω



	Unit	Min	Typ.	Max.	
Bandwidth	MHz	600		1200	
Gain (S21):	dB	36.0	39.0	42.0	Over 0.6-1.2GHz GSM
Input match:	dB		-13		GSM
Output match:	dB		-10		
Isolation:	dB	50			
OIP3:	dBm		43.0		
P1dB:	dBm		31.0		
NF:	dB		1.5		Over 0.6-1.1GHz
Current sink	mA		500		Heatsink required
Power supply	V		12	14	
Operating case temperature	°C	-15		+60	
Storage temperature	°C	-55		+100	
Dimensions		See outline drawing			
Weight	g		85		

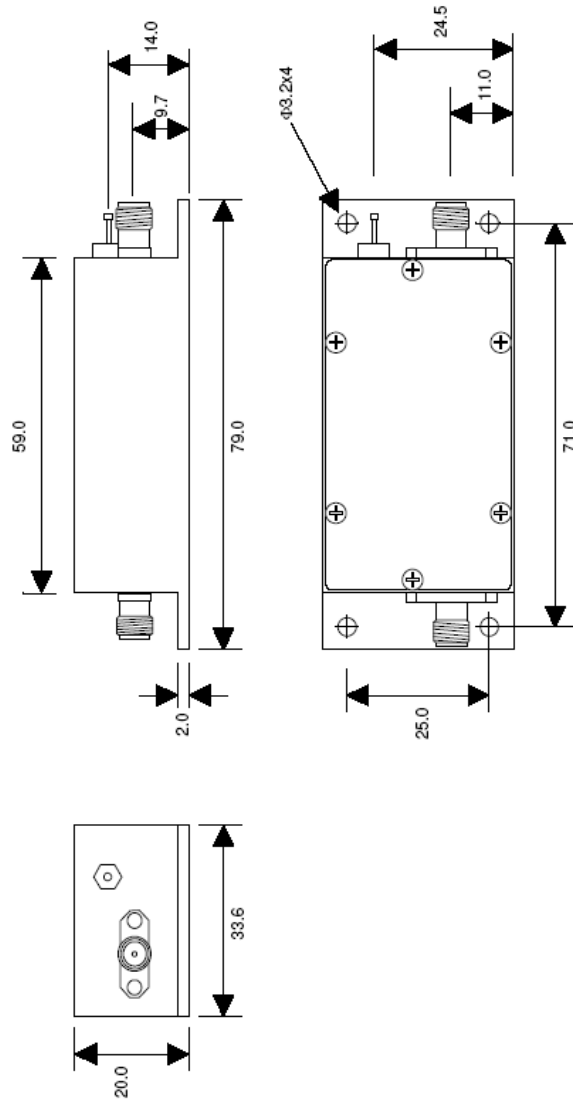
Measured at 25°C, in a 50Ω system at room temperature unless otherwise specified

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Outline Drawing



Echelle 1	Mat. Alu 2017	Dess.: FD
	HP-LNA	Approuvé : FD
Atlantic RF Labs		Fichier : ME12004-B.DRW
48, Avenue de pinsan 33370 ARTIGUES		Format : A4
		Ver: B

Finishing: Nickel-plated (except connectors)
All dimensions in mm
Tolerance: +/-0.1mm