



**SUMMARY TEST DATA
ON
PUC-4G18G-CD-1**

Customer: _____ Tested By: P. Kuhn
SO No: _____ Temperature: +25°C
Model No: PUC-4G18G-CD-1 Date: 12/9/14
Serial No: PL16274/1448 Drawing No: 27622423 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	FREQUENCY RANGE:	4 to 18 GHz	4 to 18 GHz	
2	CONVERSION GAIN:	10 dB, ± 3 dB MAX (RF= 0dBm, IF modulation =+14dBm)	10 dB, ± 2.5 dB	
3	MAX INPUT POWER:	20dBm MAX	20 dBm	
4	VSWR:	2.0:1 MAX (RF= 0dBm, IF modulation =+14dBm)	1.9 :1	
5	CARRIER SUPPRESSION:	20dBc MIN, 25dBc TYP	23 dBc (See Typical Characteristics)	
6	SIDE BAND SUPPRESSION:	15dBc MIN, 20dBc TYP	19 dBc (See Typical Characteristics)	
7	IF FREQUENCY RANGE:	10MHz to 100MHz	10MHz to 100MHz	
8	POWER SUPPLY:	+15V @ 400mA MAX -15V @ 100mA MAX	+15V @ 178 mA -15V @ 3 mA	
9	RF OUTPUT 1dB COMPRESSION:	12dBm TYP (RF= 2dBm, IF modulation =+14dBm)	12 dBm (See Typical Characteristics)	
10	RF INPUT 1dB COMPRESSION:	5dBm TYP (IF modulation =+14dBm, >5dB Attenuation)	6 dBm (See Typical Characteristics)	
11	SIDEBAND SWITCHING SPEED:	150ns MAX	45 ns (See Typical Characteristics)	

QA/QC Approval: _____ Date: _____



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