

SUMMARY TEST ON ZBD-0R5G18G-NEG-RAD-MF-ROHS

Customer: _____
 SO No: _____
 Model No: ZBD-0R5G18G-NEG-RAD-MF-ROHS
 Serial No: 65142
 Part No: _____

Tested By: V. Pratap & V. Vasquez
 Temperature: +25°C
 Date: 7/31/2026
 Drawing No: 27654241 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.5 to 18 GHz	0.5 to 18 GHz	PMI QA6
2	VSWR (Input):	1.5:1 Typ. 2.0:1 Max.	1.85 :1 See Graph	
3	Polarity	NEGATIVE	NEGATIVE	
4	Frequency Flatness:	± 3.5 dB Max. (Square-Law Region)	± 0.76 dB See Graph	
5	Sensitivity	0.5 $\pm$ 0.05 mV/ μ W Typ. Square-law region (-25 to -10 dBm)	0.6 mV/ μ W (Max).	PMI QA6
			0.46 mV/ μ W (Min).	
			See graph	

Note 1: CW measurements performed with 50 Ω RF source and high-impedance output load.

Note 2: Pulsed measurements performed using an external 50 Ω termination through a T-connector for proper pulse shaping.
 Output voltage measured at 1 M Ω oscilloscope input.

QA/QC Approval: Anthony Kardy

PMI
QA6

Date: 8/7/26

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