



**SUMMARY TEST DATA
ON
APD-2-100M18G-CD-1**

PL30707/2046

Customer: _____ Tested By: B. Willard
SO No: _____ Temperature: +25°C
Model No: APD-2-100M18G-CD-1 Date: 11/16/2020
Serial No: PL30707/2047 Drawing No: 27621533 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE J2	MEASURED VALUE J3	QA QC
1	Frequency Range:	0.1 to 18.0GHz	0.1 to 18.0GHz (See Plot)		PMI QA 2
2	Insertion Loss:	0.1to 8.0 GHz: -1.85dB Typ. 8.0 to 18 GHz: -3.5dB Typ.	-4.71 dB (See Plot) -5.86 dB (See Plot)	-4.83 dB (See Plot) -6.23 dB (See Plot)	
3	VSWR:	0.1 to 0.5 GHz: 2.0:1 Typ. 0.5 to 8.0 GHz: 1.5:1 Typ. 8.0 to 18 GHz: 1.6:1 Typ.	1.87:1 (See Plot) 1.40:1 (See Plot) 1.55:1 (See Plot)	1.87:1 (See Plot) 1.40:1 (See Plot) 1.54:1 (See Plot)	
4	Isolation:	0.1 to 0.5 GHz: -6dB Typ. 0.5 to 8.0 GHz: -16.5dB Typ. 8.0 to 18 GHz: -21.0dB Typ.	-5.39 dB (See Plot) -17.57 dB (See Plot) -20.66 dB (See Plot)		
5	Phase Balance:	0.1 to 8.0 GHz: ± 4° Typ. 8.0 to 18 GHz: ± 5° Typ.	1.77° (See Plot) 2.98° (See Plot)		
6	Amplitude Balance:	0.1 to 8.0 GHz: ±0.2dB Typ. 8.0 to 18 GHz: ±0.45dB Typ.	0.21 dB (See Plot) 0.47 dB (See Plot)		PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: _____

11/17/20

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SUMMARY TEST DATA ON APD-2-100M18G-CD-1

PL30707/2046

J1 to J2 Insertion Loss, Return Loss and Amplitude, Phase Balance Zeroed

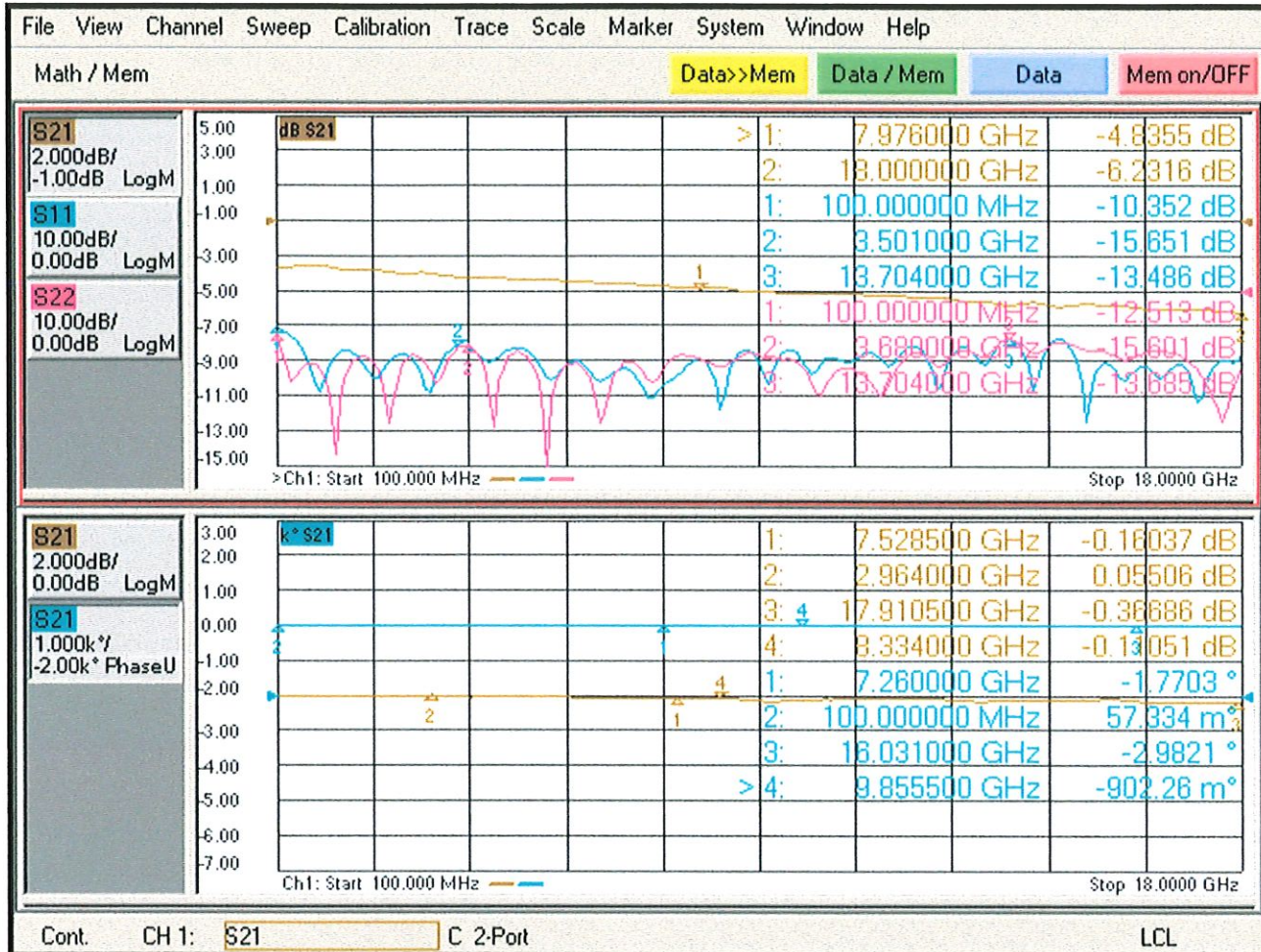




SUMMARY TEST DATA ON APD-2-100M18G-CD-1

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J1 to J3 Insertion Loss, Return Loss and Amplitude, Phase Balance





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Isolation

