

**SUMMARY TEST DATA
ON
DTA-218-3D5-3-NSI-OPT23**

Customer: _____
 Job No: _____
 Model No: DTA-218-3D5-3-NSI-OPT23
 Serial No: PL41715/2332

Tested By: K. Mansfield
 Date: Friday, August 11, 2023
 Temperature: +25° C
 Drawing No: 27646520 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	2.0 to 3.0 GHz	2.0 to 3.0 GHz	
2	Attenuation Range:	31.5 dB Typ.	30.8 dB	
3	Attenuation Step Size:	0.5 dB Max.	0.49 dB	
4	Attenuation Accuracy:	±10% Commanded Min.	±5%	
5	Attenuation vs Frequency:	±2.2 dB Max.	0.04 dB See Plot	
6	Insertion Loss:	6.0 dB Max.	4.3 dB See Plot	
7	VSWR:	2.0:1 Max.	1.76:1 See Plot	
8	Insertion Loss Flatness/1 GHz:	0.5 dB Max.	0.29 dB	
9	Accuracy of Attenuation:	±2.0 dB Typ.	0.78 dB -0.2 dB See Plot	
10	Input 0.1 dB Compression:	+22 dBm Typ.	See Typical Characteristics	
11	Input 1 dB Compression:	+22 dBm Min.	See Typical Characteristics	
12	Switching Speed:	100 ns Max.	See Typical Characteristics	
13	Power Supply:	+5 VDC @ 50 mA Max. -5 VDC @ 50 mA Max.	0 mA 3 mA	

Logic	
"0" (Bit On)	0 to 0.8 V
"1" (Bit Off)	+2 to +5 V

QA/QC Approval: _____

Date: _____



