



**SUMMARY TEST DATA
ON
EQL-17D5G21D5G+8DB-292MF**

Customer: Assurance Technology Corp, VA
 SO No: SO17-103-P-P (Line 002)
 Model No: EQL-17D5G21D5G+8DB-292MF
 Serial No: PL21295/1726

Tested By: K. Mansfield
 Temperature: 25 Degrees C
 Date: 6/29/2017
 Drawing No: 27624203 Rev: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE		TEST RESULTS	QA QC
1	Frequency Range:	17.5 GHz to 21.5 GHz		17.5 GHz to 21.5 GHz	PMI QA 2
2	Maximum Input Power:	0.5 Watts CW		Pass See Typical Characteristics	
3	VSWR:	2.0:1 Max.		1.91:1 See Plot	
4	Insertion Loss @ 21.5 GHz:	6 dB Max.		1.51 dB See Plot	
5	Slope:	Frequency	Amplitude*	See Plot	
		17.5 GHz	-7.6 dB	-9 dB	
		18 GHz	-7.1 dB	-8.2 dB	
		18.5 GHz	-6.5 dB	-7 dB	
		19 GHz	-5.8 dB	-5.6 dB	
		19.5 GHz	-4.9 dB	-4.2 dB	
		20 GHz	-3.8 dB	-2.8 dB	
		20.5 GHz	-2.7 dB	-1.5 dB	
		21 GHz	-1.4 dB	-0.6 dB	
21.5 GHz	0 dB	0 dB			
6	Accuracy @ Defined Points:	±2.3 dB		1.4 dB See Plot	PMI QA 2

* ADD INSERTION LOSS @ 21.5 GHz TO ALL VALUES

QA/QC Approval:  PMI
QA 2

Date: 6/29/17



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