



**SUMMARY TEST DATA  
ON  
EQL-17D5G21D5G+6DB-292MF**

**PL16623/1509**

Customer: _____	Tested By: <u>J. Peacher</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>EQL-17D5G21D5G+6DB-292MF</u>	Date: <u>2/26/15</u>
Serial No: <u>PL16623/1509</u>	Drawing No: <u>27624183</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC																				
1	Frequency:	17.5 GHz to 21.5 GHz	17.5 GHz to 21.5 GHz See Plot																					
2	Maximum Input Power:	0.5 Watts CW	Pass																					
3	VSWR:	2.0:1 Max	1.27:1																					
4	Insertion Loss @ 21.5 GHz:	6 dB Max	1.42 dB See Plot																					
5	Slope:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">FREQUENCY</th> <th style="width: 50%;">AMPLITUDE*</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">17.5 GHz</td><td style="text-align: center;">-5.6 dB</td></tr> <tr><td style="text-align: center;">18 GHz</td><td style="text-align: center;">-5.3 dB</td></tr> <tr><td style="text-align: center;">18.5 GHz</td><td style="text-align: center;">-4.8 dB</td></tr> <tr><td style="text-align: center;">19 GHz</td><td style="text-align: center;">-4.2 dB</td></tr> <tr><td style="text-align: center;">19.5 GHz</td><td style="text-align: center;">-3.5 dB</td></tr> <tr><td style="text-align: center;">20 GHz</td><td style="text-align: center;">-2.7 dB</td></tr> <tr><td style="text-align: center;">20.5 GHz</td><td style="text-align: center;">-1.8 dB</td></tr> <tr><td style="text-align: center;">21 GHz</td><td style="text-align: center;">-0.8 dB</td></tr> <tr><td style="text-align: center;">21.5 GHz</td><td style="text-align: center;">0 dB</td></tr> </tbody> </table>	FREQUENCY	AMPLITUDE*	17.5 GHz	-5.6 dB	18 GHz	-5.3 dB	18.5 GHz	-4.8 dB	19 GHz	-4.2 dB	19.5 GHz	-3.5 dB	20 GHz	-2.7 dB	20.5 GHz	-1.8 dB	21 GHz	-0.8 dB	21.5 GHz	0 dB	See Plot	
FREQUENCY	AMPLITUDE*																							
17.5 GHz	-5.6 dB																							
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21 GHz	-0.8 dB																							
21.5 GHz	0 dB																							
6	Accuracy @ Defined Points:	±0.1 dB	Pass																					

\*ADD INSERTION LOSS @ 21.5 GHz TO ALL VALUES

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_

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**INSERTION LOSS SLOPE**

