



**SUMMARY TEST DATA  
ON  
DD-20-218-5PF-1-N-FM-OPT0518**

PL20306/1650

Customer: \_\_\_\_\_ Tested By: Sterling  
SO No: SO16-276-P-PE Temperature: +25°C  
Model No: DD-20-218-5PF-1-N-FM-OPT0518 Date: 12/16/16  
Serial No: PL20306/1650 Drawing No: 27631046 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 See Plot	
2	VSWR In/Out:	3.5:1 Typ. (Measured @ -23dBm with 27kOhm load impedance)	3.35:1 See Plot	
3	Frequency Flatness:	±1.5 dB, ±1.0 dB Typ.	±1.05 dB See Plot	
4	Speed:	5 ns	4.6 ns See Plot	
5	Voltage Sensitivity:	650 mV/mW, 700mV/mW Typ.	1330 mV/mW See Plot	
6	Tangential Sensitivity:	-50dBm @ 2 MHz Video Bandwidth	-50dBm @ 2MHz	
7	Video Capacitance:	5.6 pF	Pass	
8	Output Voltage:	Negative (Positive is Available)	Pass	
9	Max Input Power:	+17 dBm	Pass	

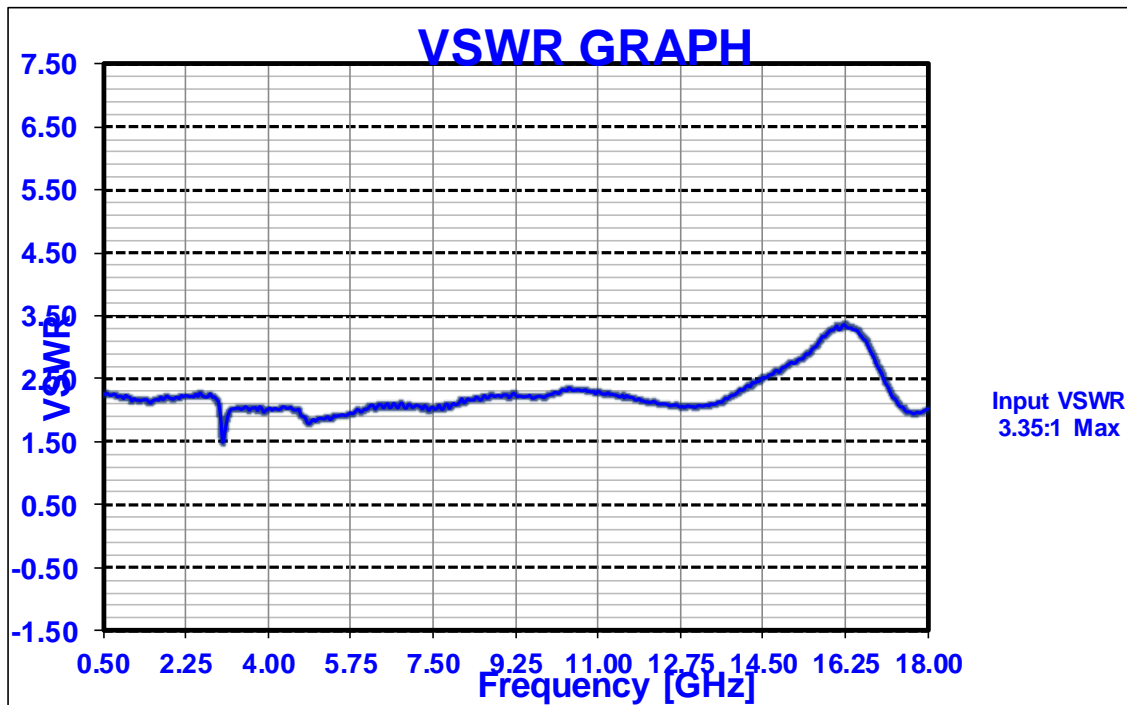
QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_



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**VSWR Plot**

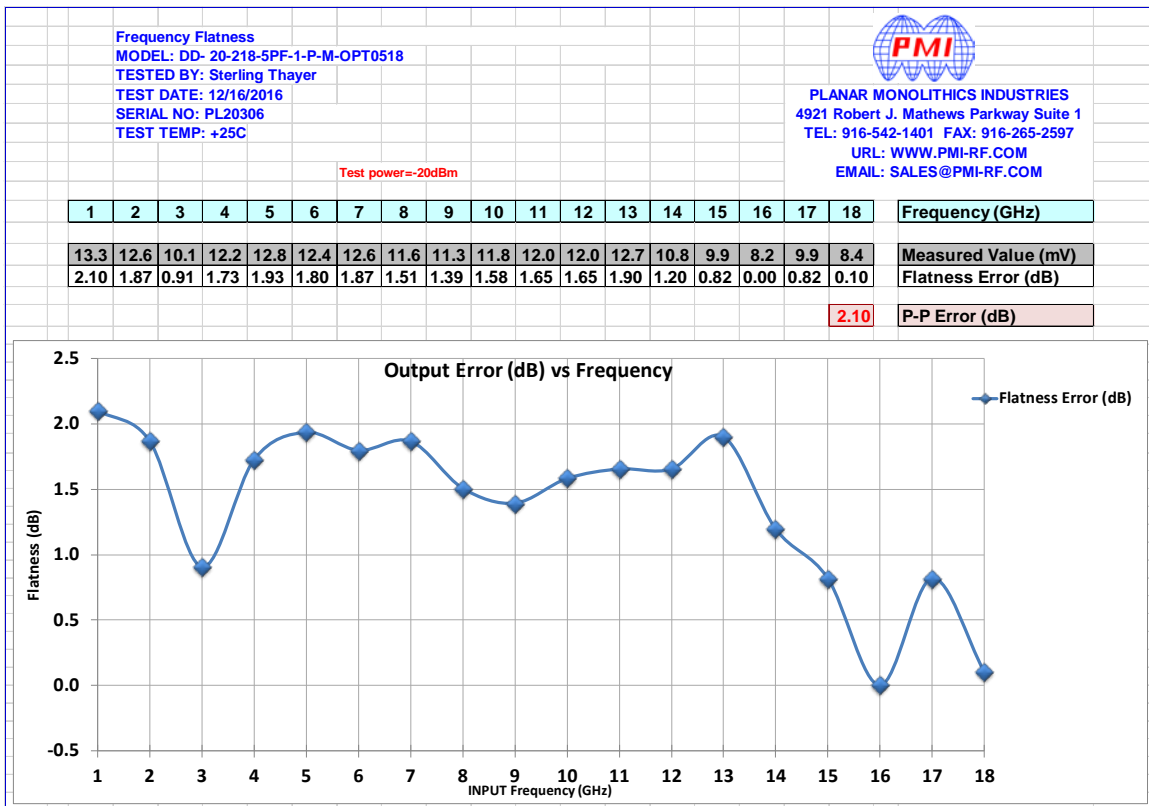




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**Flatness Plot**





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**Rise time**  
**10ns per Div. & 100 Pulse Width**

