



Summary Test Data
On
AGTM-2000-90

Customer: _____
Job No: _____
Model No: AGTM-2000-90
Serial No: PL35543/2205

Tested By: E. Kretz
Date: Friday, February 4, 2022
Temperature: +25°C
Drawing No: 27641560 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	DC to 2.4 GHz	DC to 2.4 GHz	PMI QA 2
2	Insertion Loss	5.0 dB Max.	4.8 dB	
3	VSWR	2.0:1 @ Insertion Loss 3.2:1 Over All Control Voltages	1.86:1 @ 0 V 2.88:1 @ Worst Case	
4	Attenuation	75 dB Typ.	87 dB	
5	Switching Speed	Rise - 20 ns Max Fall - 20 ns Max On - 50 ns Max Off - 50 ns Max	Rise - 17.0 ns Fall - 16.6 ns On - 26.9 ns Off - 28.5 ns	
6	Video Transients	≤20 mV P-P in 300 MHz Bandwidth	≤20 mV P-P in 300 MHz Bandwidth	
7	Control	0 to 3.5 V (Non-Linear)	0 to 3.5 V (Non-Linear)	
8	RF Power	+20 dBm Operating, +27 dBm Survival	+20 dBm Operating, +27 dBm Survival	
9	Power Supply	+15 V @ 50 mA -15 V @ 100 mA	+15 V @ 30 mA -15 V @ 90 mA	PMI QA 2

QA/QC Approval:

PMI
QA 2

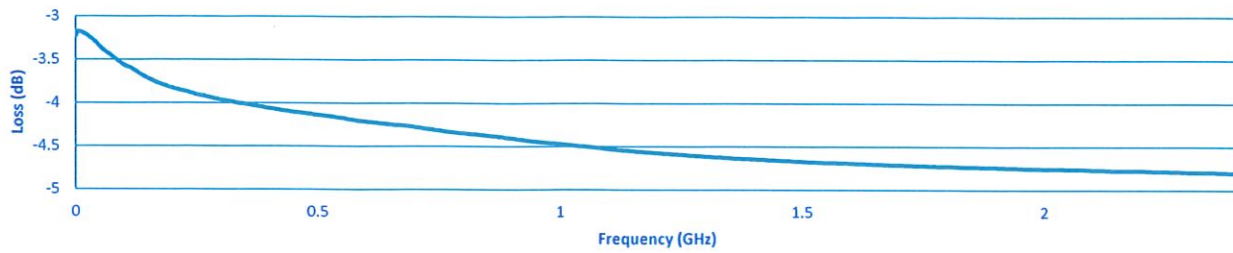
Date: 2/7/2022



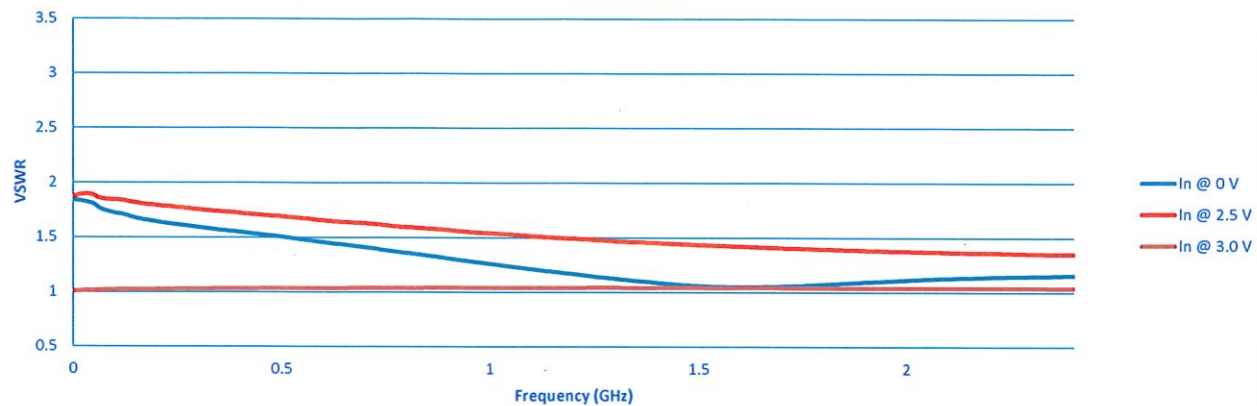
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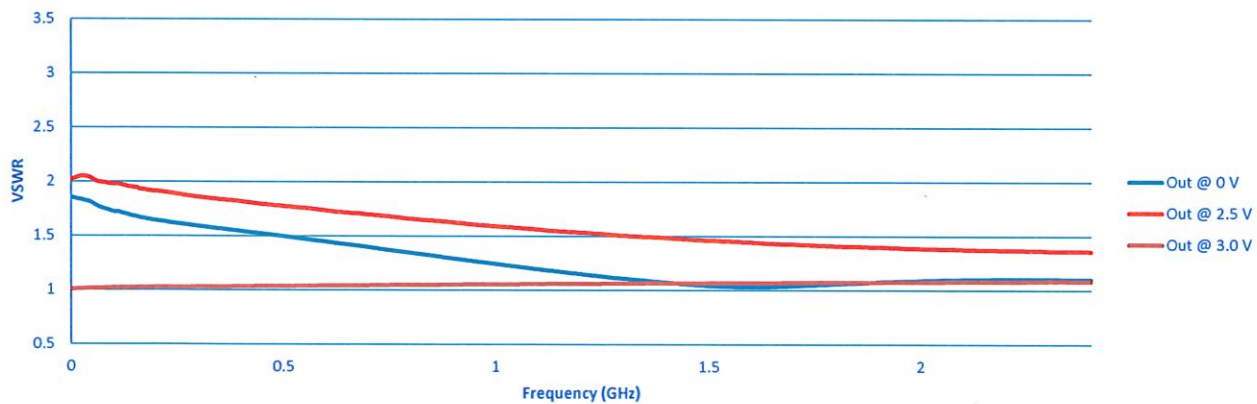
Insertion Loss



VSWR IN



VSWR OUT

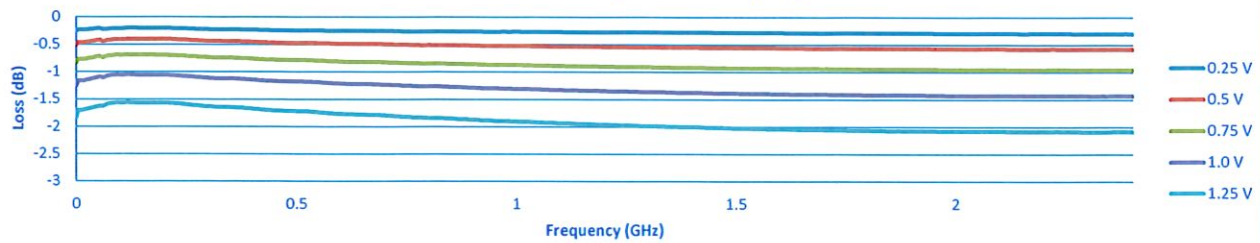




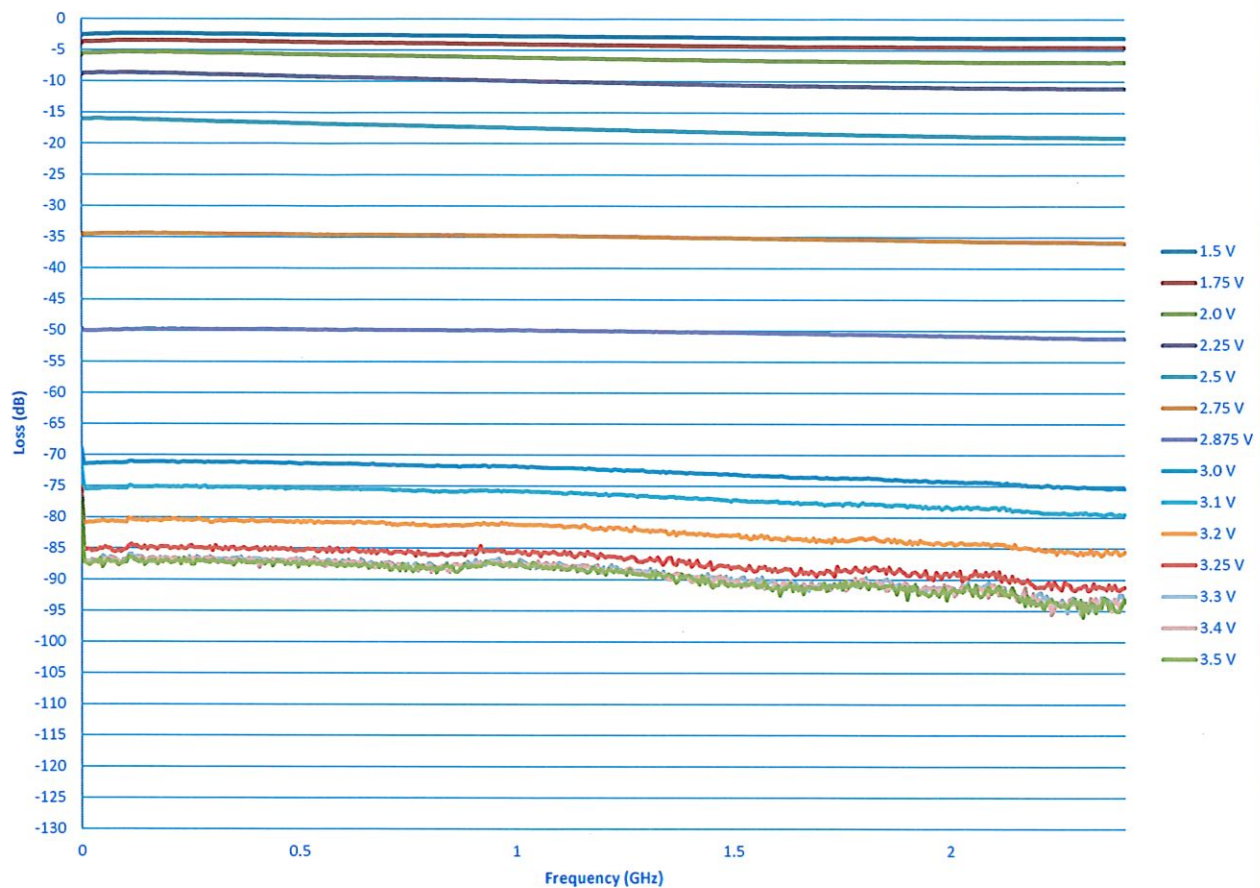
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Attenuation (Low Voltages)



Attenuation



25° C

