Summary Data For PS-2G18G-360-12D-TS

Customer: [redacted]
SO No: [redacted]
Model No: PS-2G18G-360-12D-TS
Serial No: PL41981/2335

Tested By: E. Kretz
Temperature: +25°C
Date 8/30/2023
Drawing No: 27628973 Rev: 1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2.0 GHz to 18.0 GHz	2.0 GHz to 18.0 GHz	PMI QA2
2	Phase Range	360°	360°	
3	Insertion Loss	18 dB MAX.	17.97 dB	
4	VSWR	2.2:1 MAX.	1.93:1	
5	Amplitude Variation Vs. Phase (PM/AM)	±3.5 dB TYP.	±2.45 dB	
6	Phase vs. Frequency	±15.0° TYP.	±12.70°	
7	Control Logic	12 BIT TTL Compatible.	Verified	
8	Control Slopes	Linear	Verified	
9	Switching Speed	500 nSec MAX.	410 nsec TYP (See Typical Characteristics)	
10	Power Supply	+12 to +15V @ 100 mA -12 to -15V @ 100 mA	+15 @ 63 mA -15 @ 76 mA	PMI QA2

*Measured at 0 dBm Input Power

QA Signature: [signature] PMI QA2 Date: 8/31/2023

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Website: www.pmi-rf.com Email: sales@pmi-rf.com

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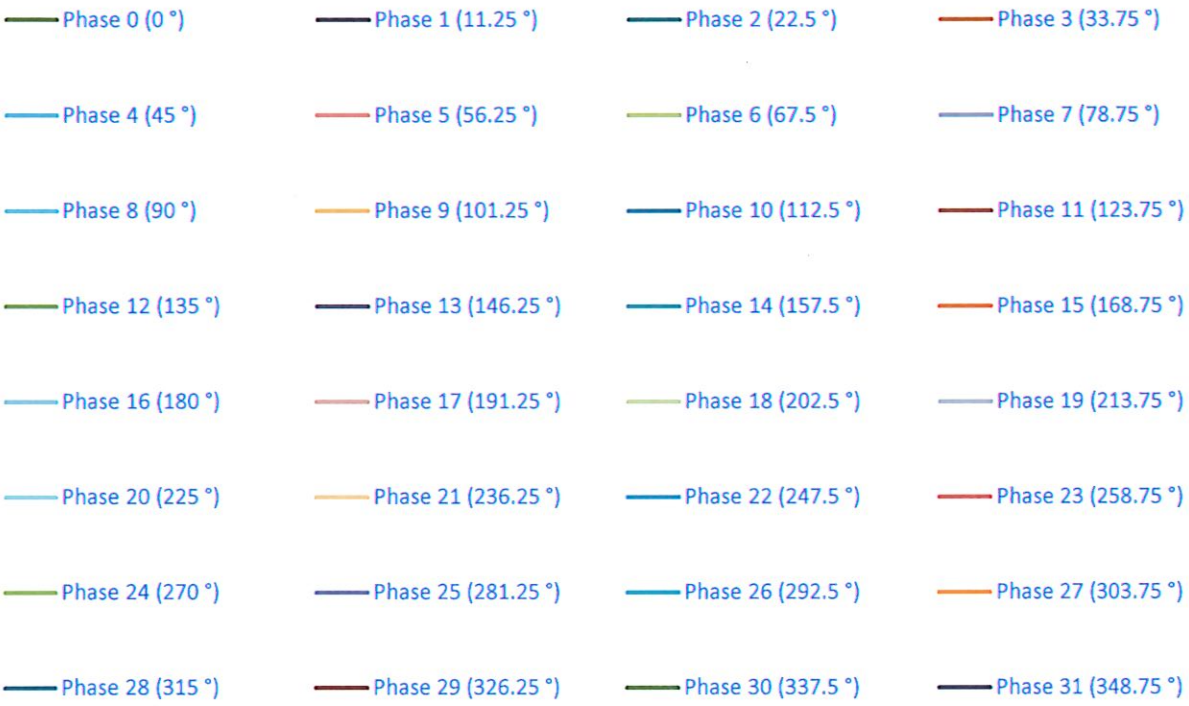
PL41981/2335

Phase State Legend



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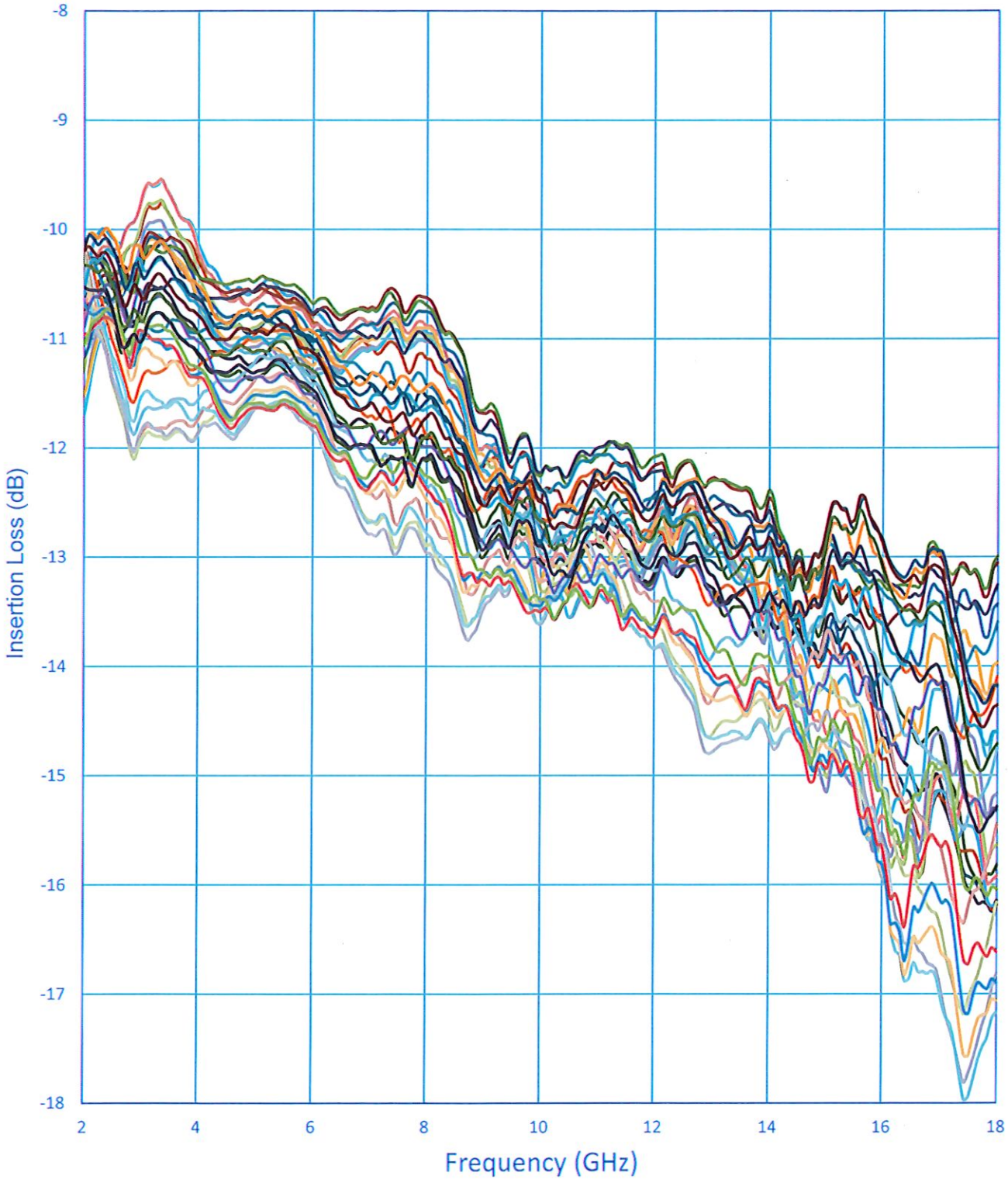
Insertion Loss Vs. Frequency



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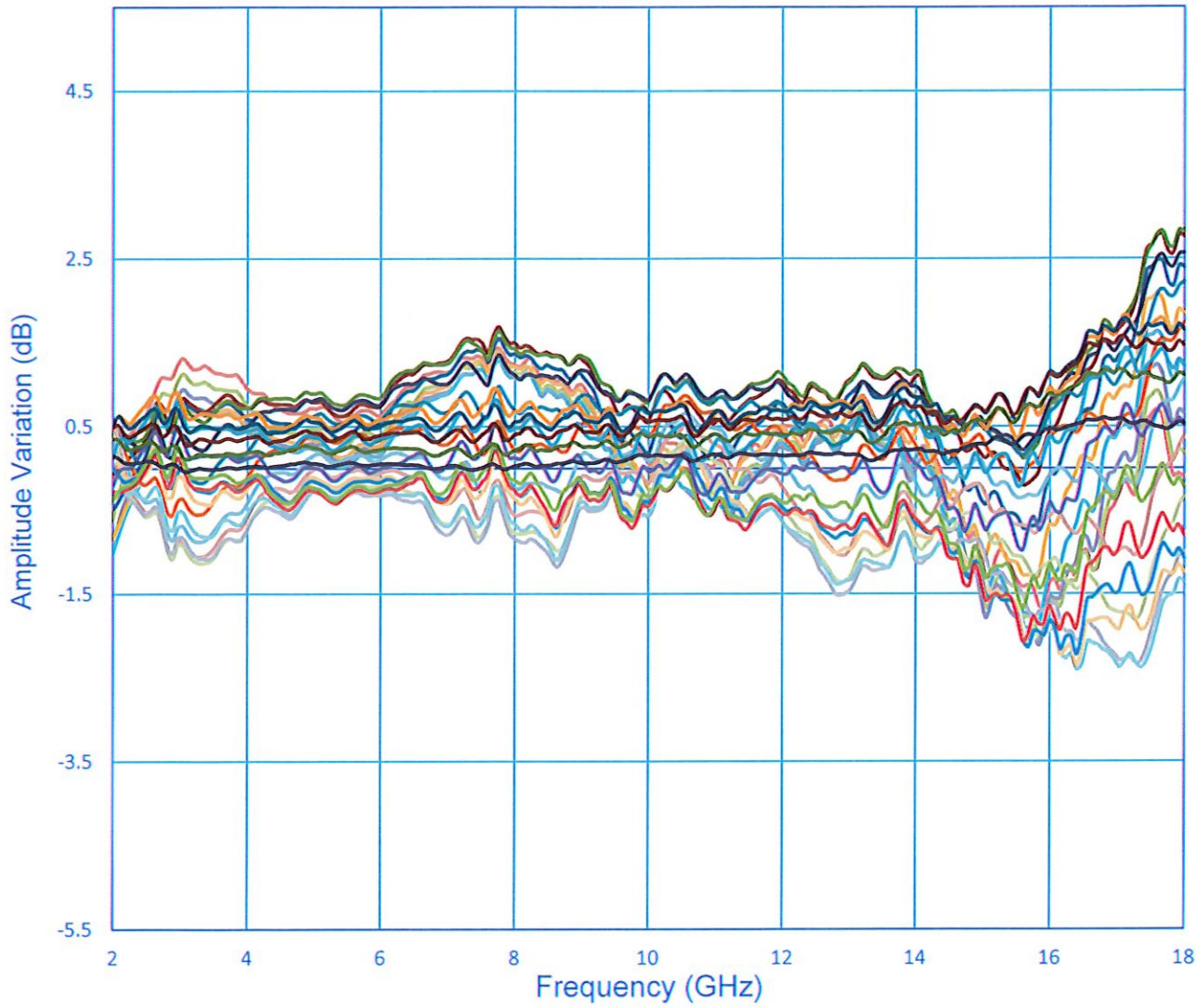
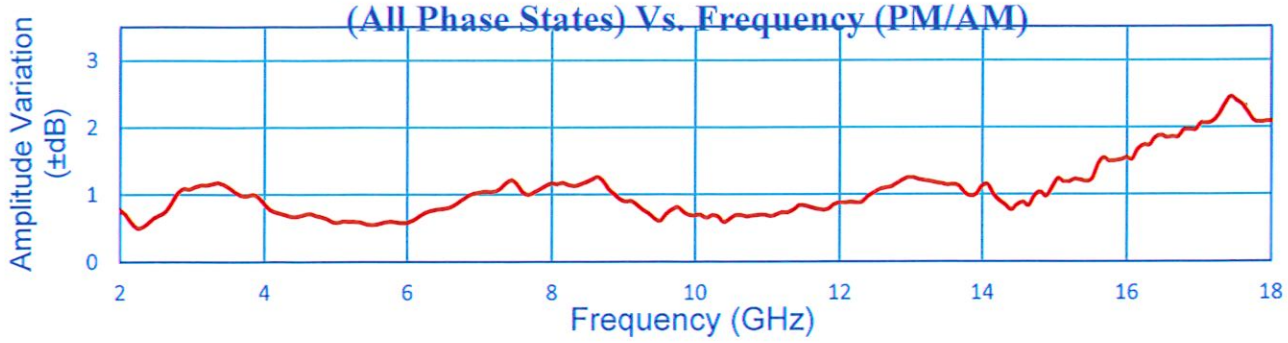
Amplitude Vs. Frequency
(PM/AM)



Maximum Amplitude Variation From Center
(All Phase States) Vs. Frequency (PM/AM)



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Summary Data
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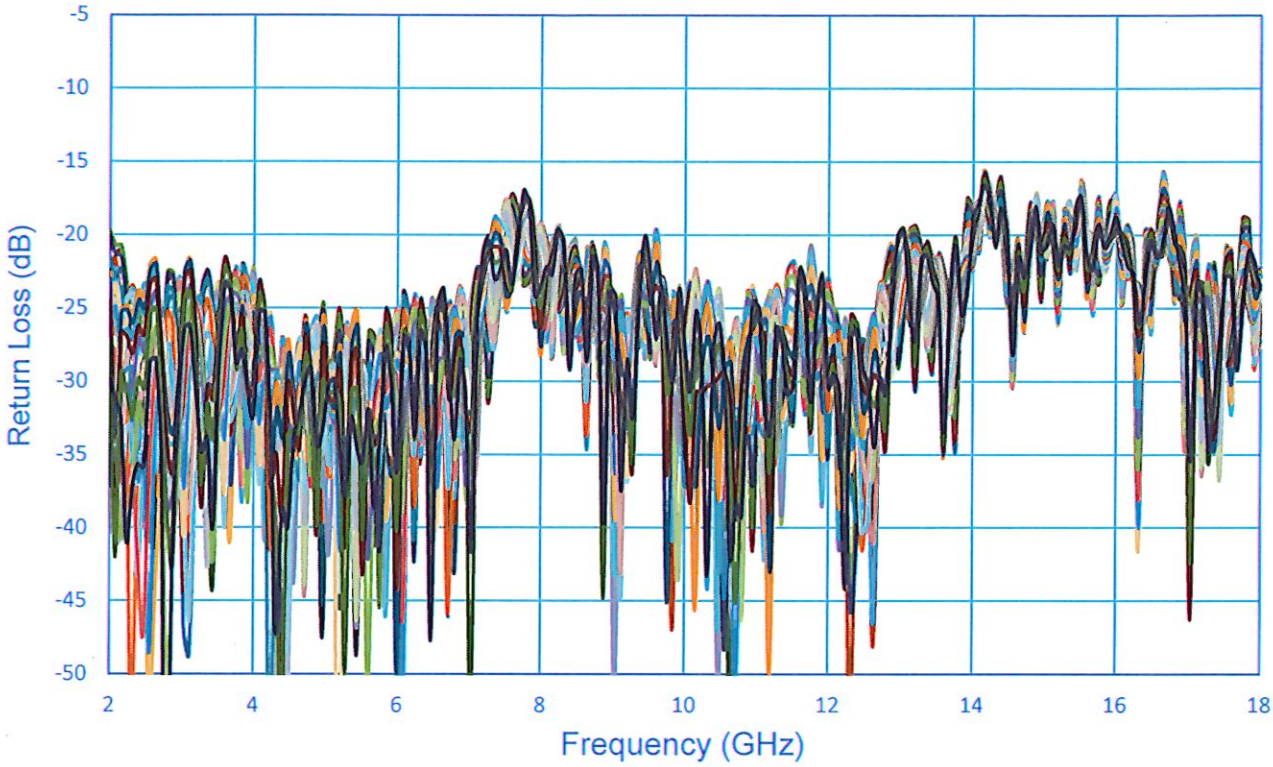
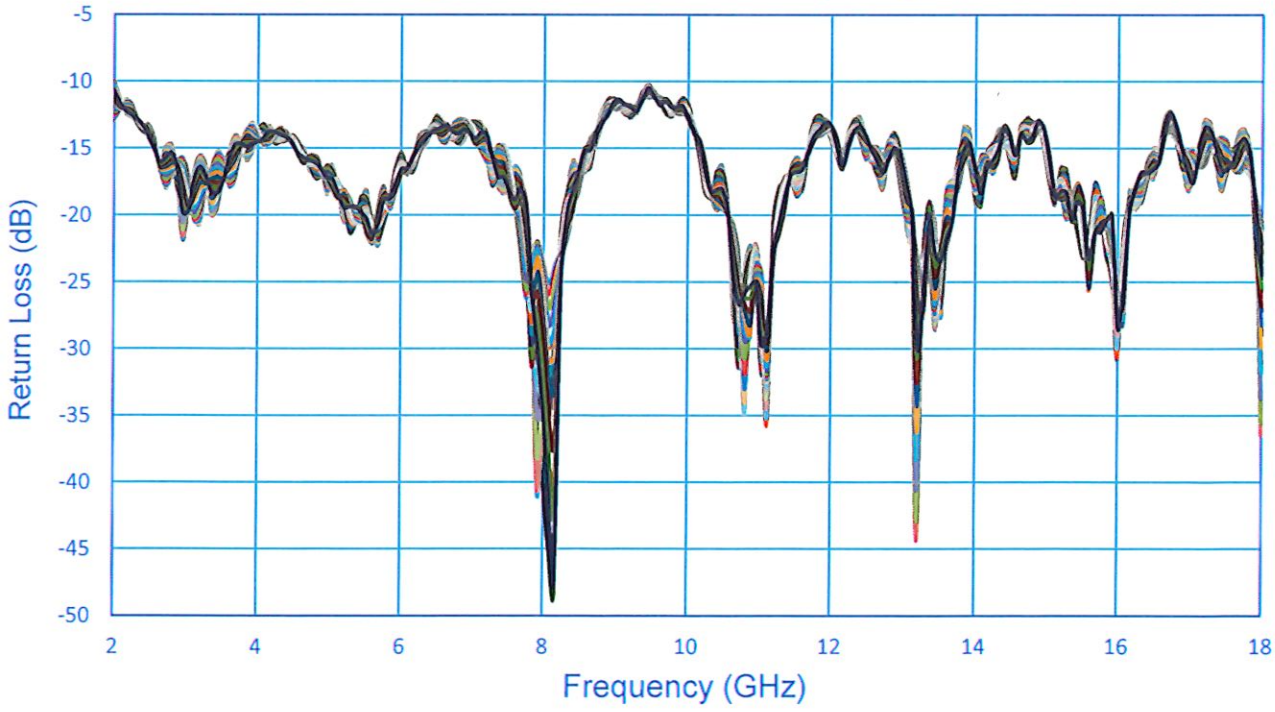
Input Return Loss Vs. Frequency



Output Return Loss Vs. Frequency



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Summary Data
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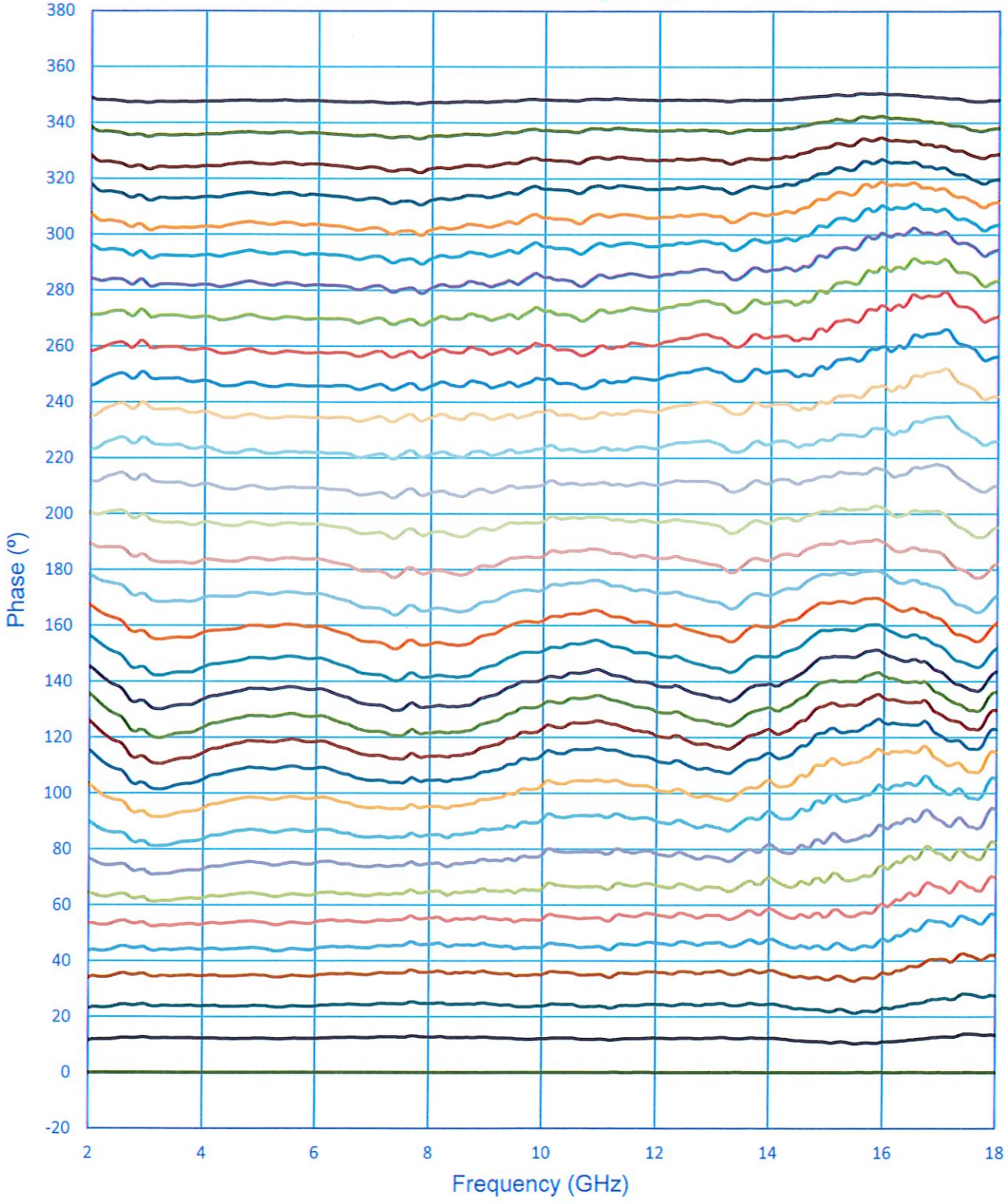
Phase Vs. Frequency



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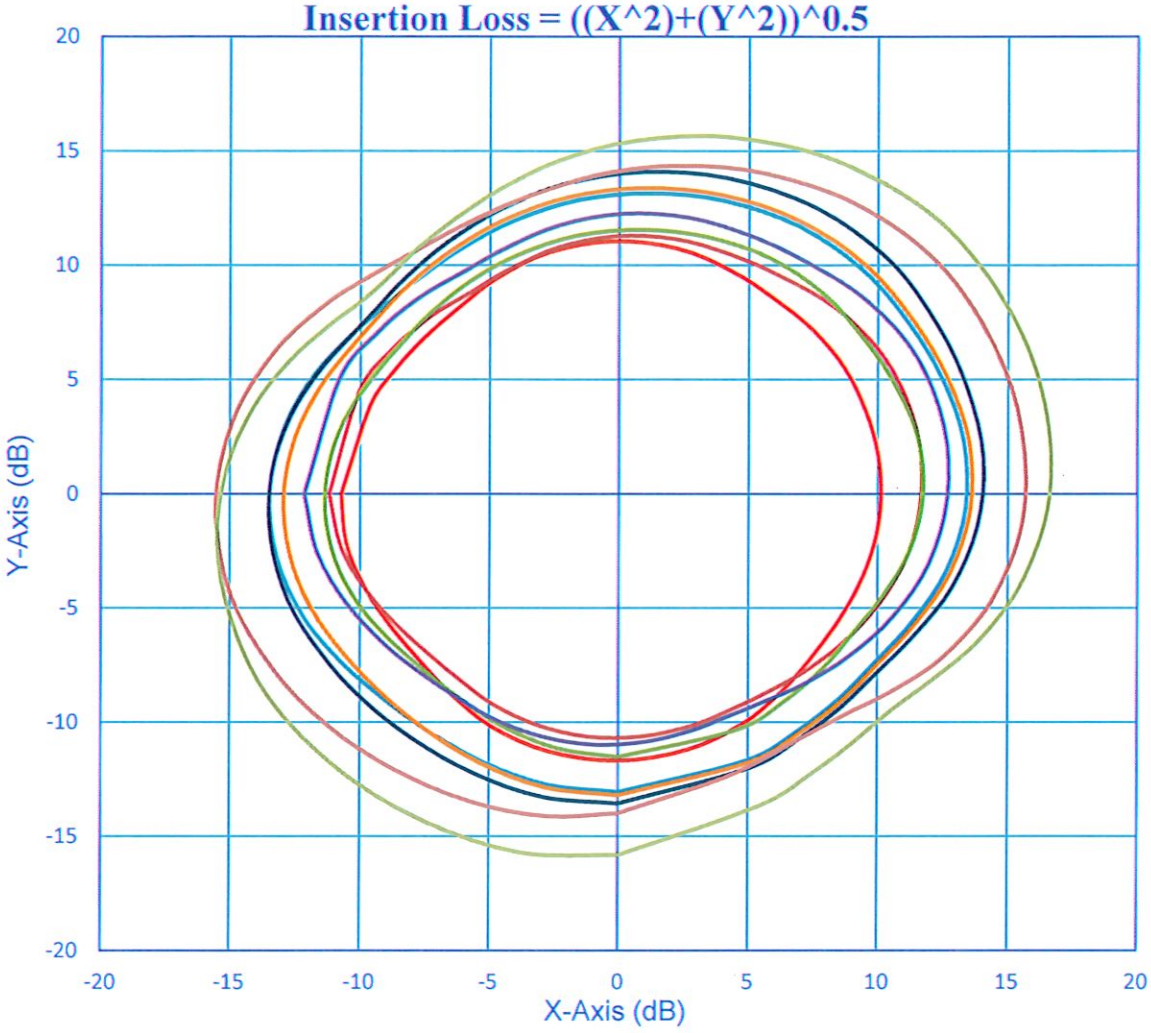
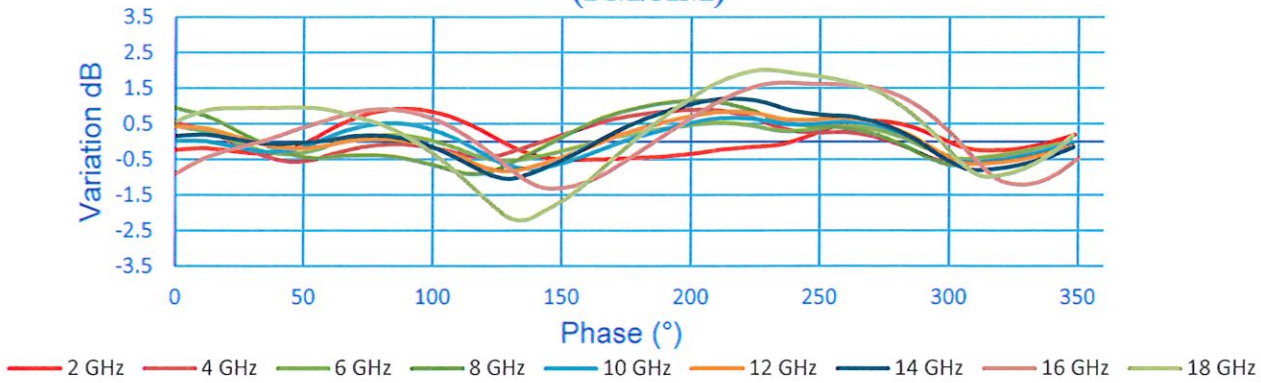
Insertion Loss Vs. Phase
Insertion Loss = ((X^2)+(Y^2))^0.5



Amplitude Linearity Vs. Phase
(PM/AM)



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