



SUMMARY TEST DATA ON PDVAN-6012-60-8

Customer: _____
 Job No: _____
 Model No: PDVAN-6012-60-8
 Serial No: PL34747/2146

Tested By: K. Wagaman
 Date: Wednesday, November 17, 2021
 Temperature: +25° C
 Drawing No: 27618149 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	6 GHz to 12 GHz	6 GHz to 12 GHz	PMI QA 2
2	Mean Attenuation Range:	60 dB	64 dB	
3	Insertion Loss:	2.8 dB Max.	2.5 dB See Plot	
4	VSWR:	2.0:1 Max.	1.4:1 See Plot	
5	Power Rating:	+20 dBm CW Min (Operating) +30 dBm CW Max (Survival)	Pass	
6	Attenuation Flatness:	±0.7 dB @ 10 dB Attenuation ±1.0 dB @ 20 dB Attenuation ±1.5 dB @ 40 dB Attenuation ±1.6 dB @ 60 dB Attenuation	±0.35 dB @ 10 dB ±0.59 dB @ 20 dB ±1.04 dB @ 40 dB ±1.43 dB @ 60 dB See Plot	
7	Switching Speed:	500 ns Max.	See Typical Characteristics	
8	Digital Control:	8 Bit Positive True, Binary TTL	Pass	
9	Monotonicity:	Guaranteed	Pass	
10	Power Supply:	+12V to +15V @ 150mA Max. -12V to -15V @ 75mA Max.	+12 VDC @ 40 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.22	0.03	0.01
10.00	9.69	0.31	0.35
20.00	18.50	1.50	0.59
30.00	28.51	1.49	0.81
40.00	39.35	0.65	1.04
50.00	50.21	-0.21	1.19
60.00	60.48	-0.48	1.43
63.75	63.55	0.20	1.59

QA/QC Approval: 

PMI
QA 2

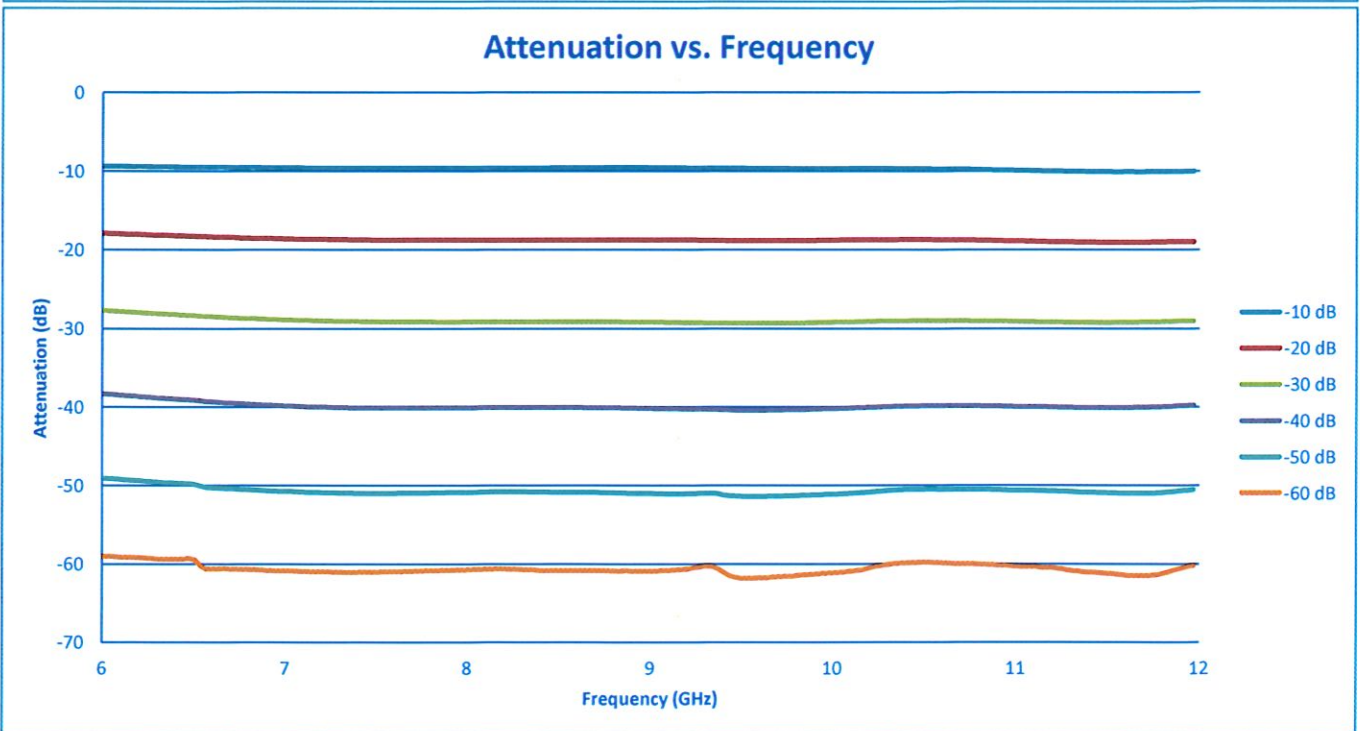
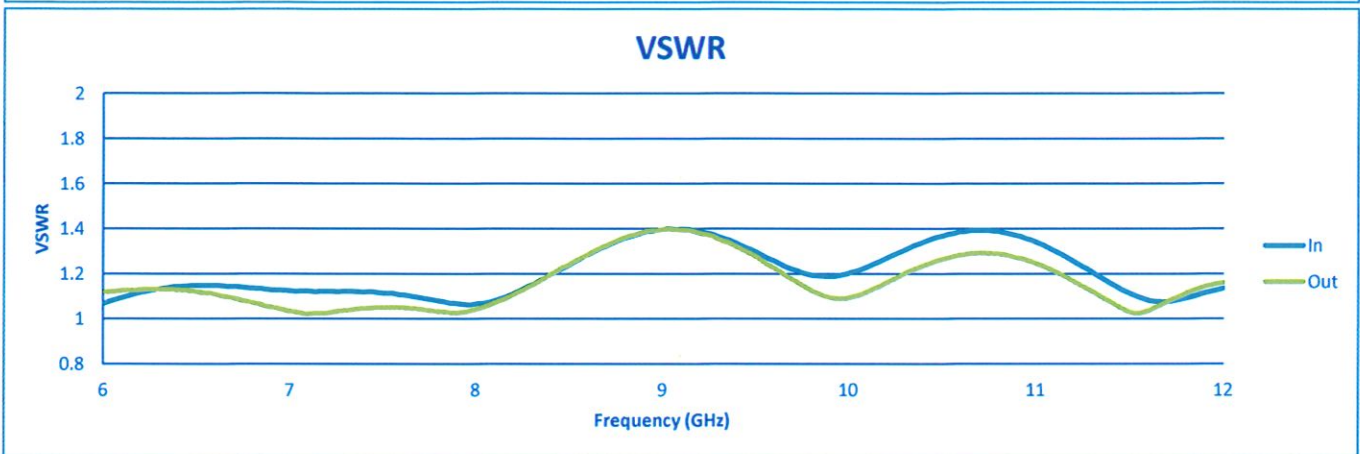
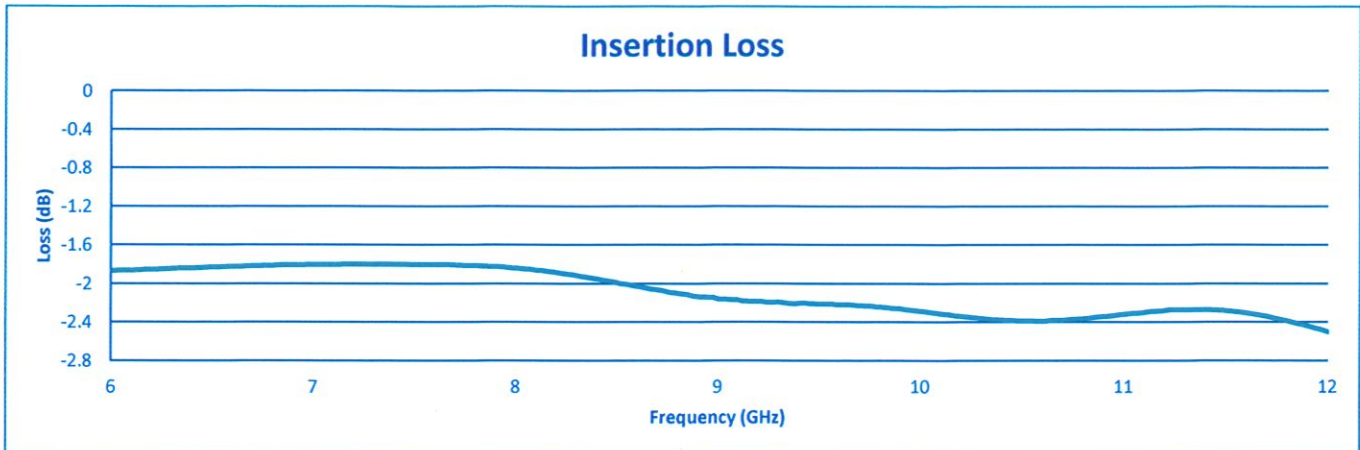
Date: 11/18/2021

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