SUMMARY TEST DATA
ON
DTA-0R5G18G-60-CD-1

Customer: [redacted]
Job No: [redacted]
Model No: DTA-0R5G18G-60-CD-1
Serial No: PL34343/2141

Tested By: K. Mansfield
Date: Tuesday, October 19, 2021
Temperature: +25° C
Drawing No: 27617795 Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA 2
2	Insertion Loss:	4.5 dB Max.	3.4 dB See Plot	
3	VSWR:	2.0:1 Max.	1.9:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.58 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.58 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.87 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.16 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.1 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.26 dB See Plot	
11	Switching Speed:	1.0 us Max.	< 1.0 us See Typical Characteristics	
12	DC Supply:	+15VDC @ 155 mA	112 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.05	0.01	0.01
0.125	0.12	0.01	0.02
0.25	0.25	0.00	0.03
0.50	0.55	-0.05	0.05
1.00	1.05	-0.05	0.09
2.00	2.04	-0.04	0.15
4.00	4.05	-0.05	0.24
8.00	8.01	-0.01	0.32
16.00	15.98	0.08	0.50
32.00	31.92	0.08	0.50
62.00	61.93	0.07	3.93
63.94	64.02	-0.08	4.80

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.84	0.16	0.26
10.00	10.01	-0.01	0.36
15.00	14.92	0.08	0.47
20.00	19.97	0.03	0.58
25.00	24.90	0.10	0.56
30.00	29.93	0.07	0.55
35.00	34.92	0.08	0.49
40.00	39.96	0.04	0.55
45.00	44.92	0.08	0.57
50.00	49.97	0.03	0.99
55.00	54.91	0.09	1.95
60.00	60.26	-0.26	2.87

QA/QC Approval: PMI QA 2 Date: 10/19/2021

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PL34343/2141

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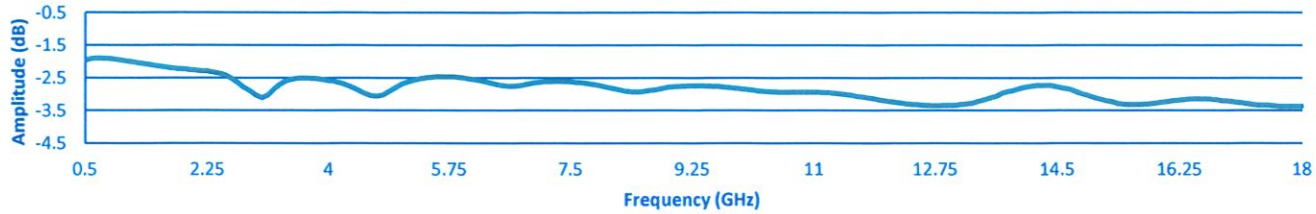
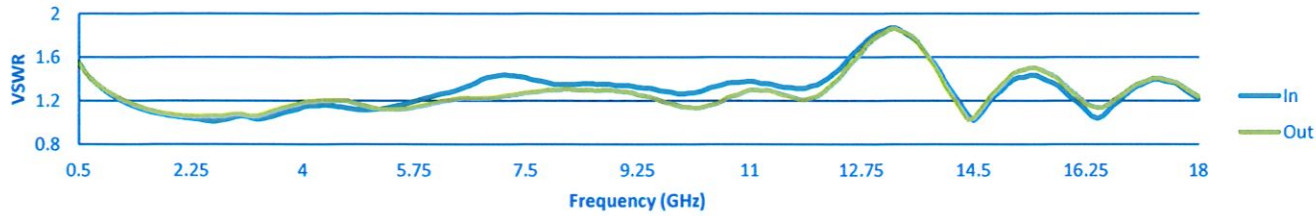
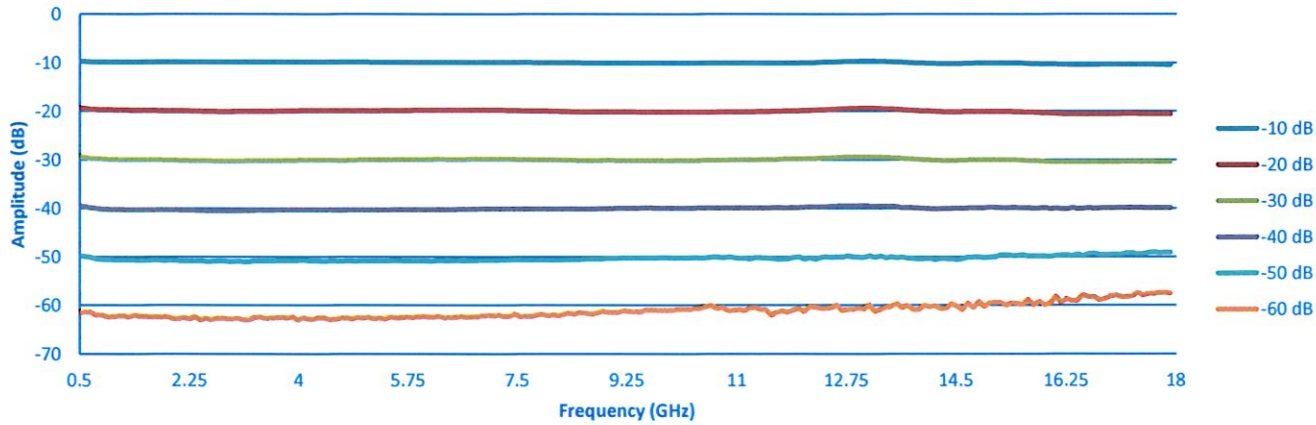
Insertion Loss



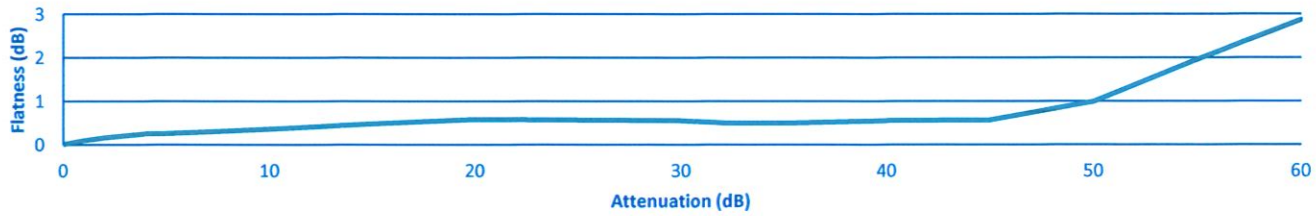
VSWR



Attenuation vs. Frequency



Flatness



Accuracy