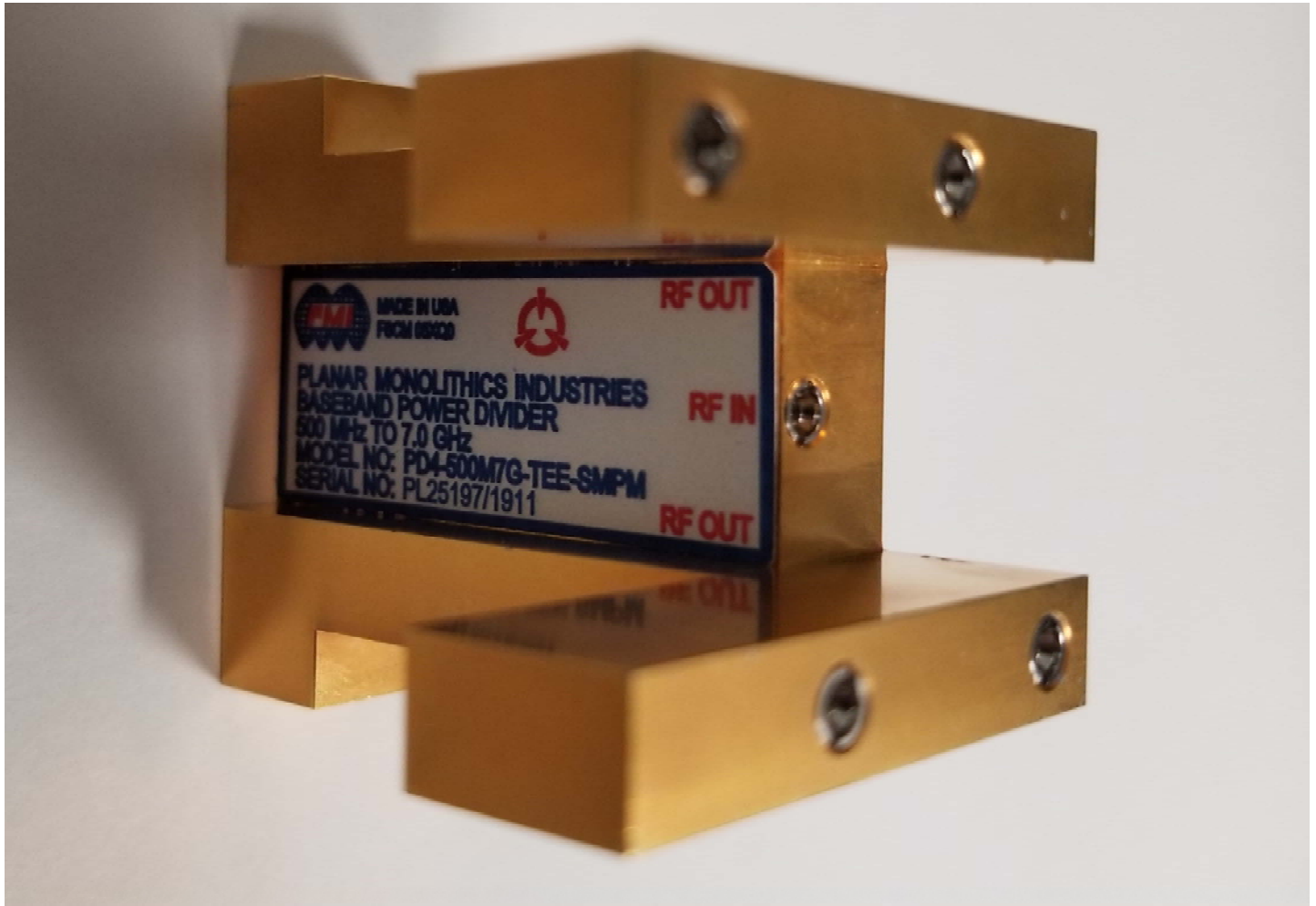




**TYPICAL CHARACTERISTICS
ON
PD4-500M7G-TEE-SMPM**

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER PD4-500M7G-TEE-SMPM IS A 1 TO 4 POWER DIVIDER FEATURING LOW INSERTION LOSS WITH A FREQUENCY RANGE OF 1.0 TO 4.4 GHz. THIS UNIQUE DESIGN FEATURES SEVERAL MOUNTING AND ORIENTATION CONFIGURATIONS IN ONE PACKAGE.



PREPARED 5/10/2019



**TYPICAL CHARACTERISTICS
ON
PD4-500M7G-TEE-SMPM**

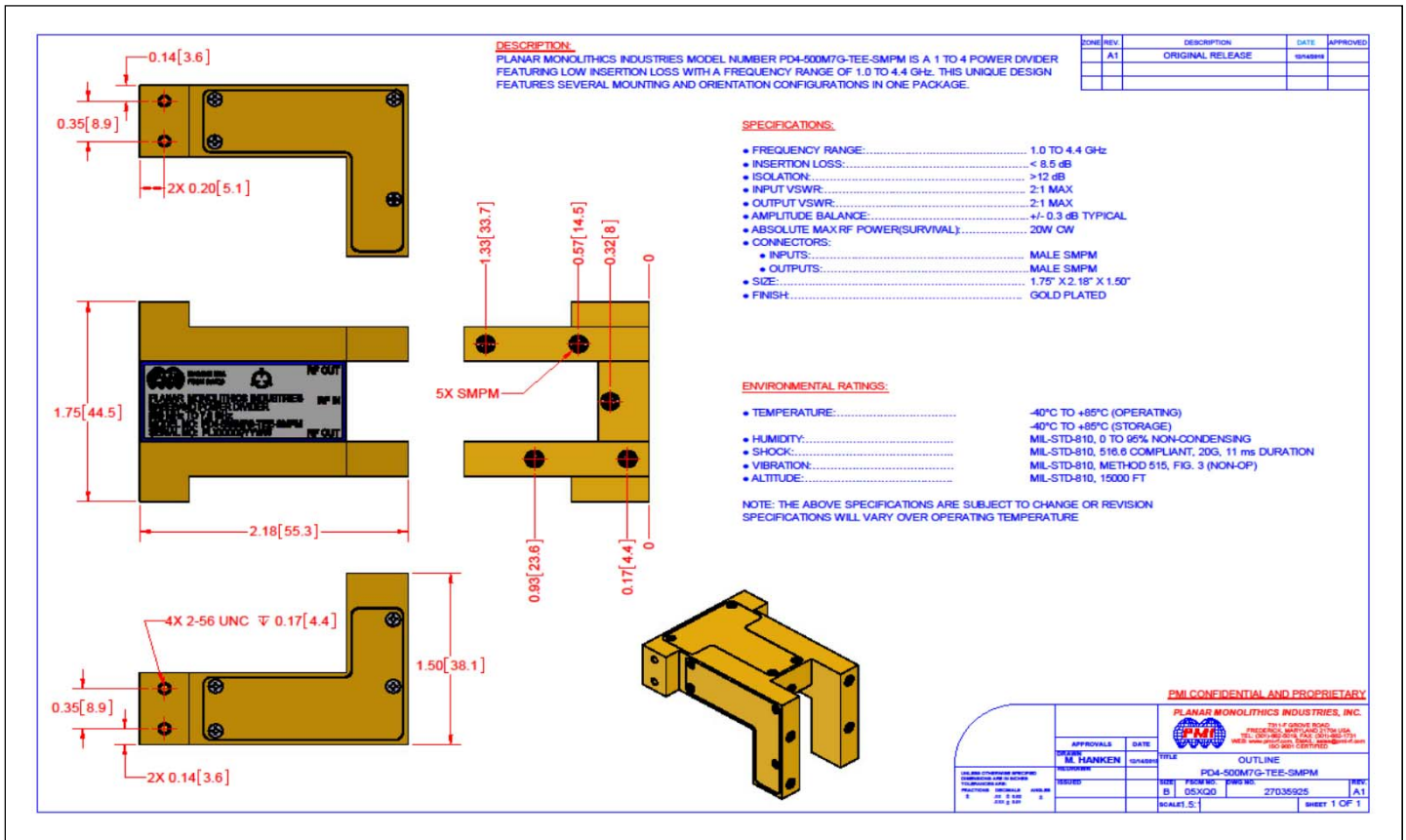
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TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM

OUTLINE DRAWING





**TYPICAL CHARACTERISTICS
ON
PD4-500M7G-TEE-SMPM**

SUMMARY DATA FOR +25°C

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	1000 MHz to 4400 MHz	1000 MHz to 4400 MHz	
2	Insertion Loss:	8.5 dB MAX	7.82 dB See Plot	
3	Isolation:	12 dB MIN	20.56 dB See Plot	
4	Input VSWR:	2 : 1 MAX	1.65 : 1 See Plot	
5	Output VSWR:	2 : 1 MAX	1.43 : 1 See Plot	
6	Amplitude Balance:	± 0.3 dB TYP	± 0.15 dB	

SUMMARY DATA FOR -40°C

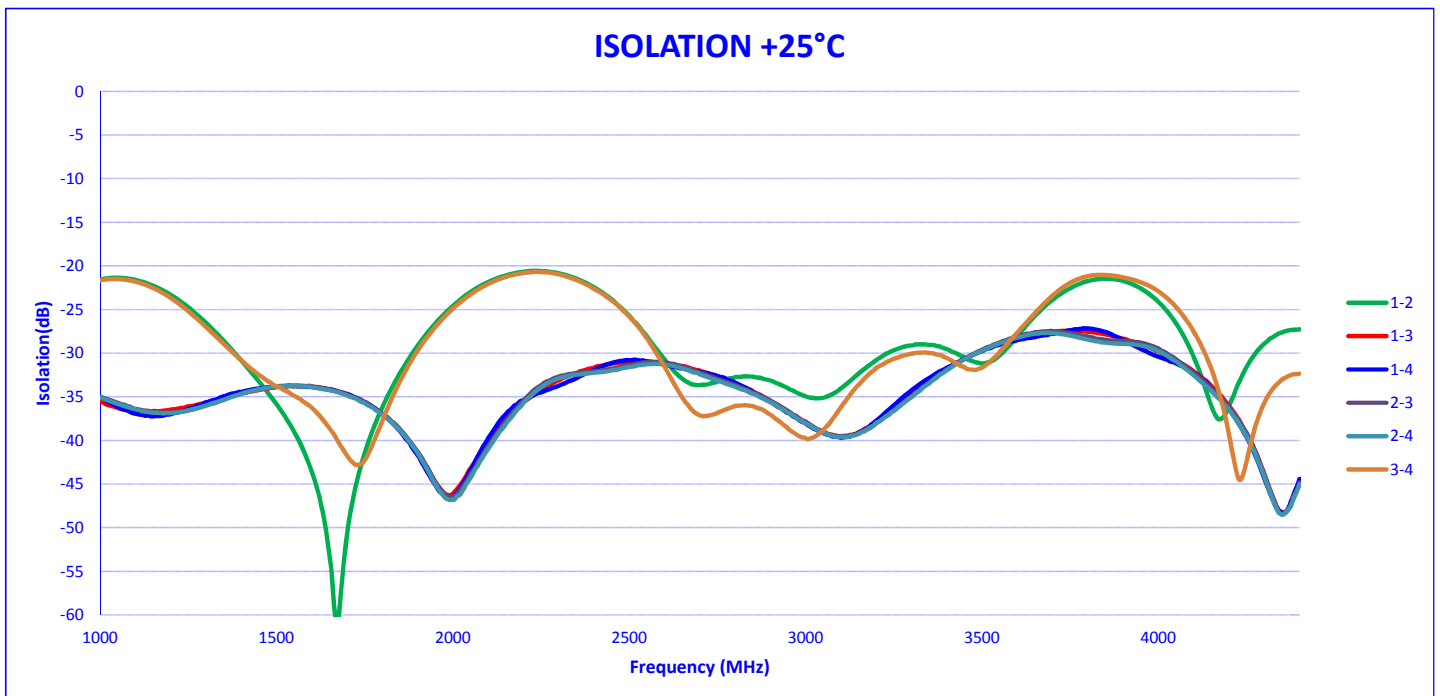
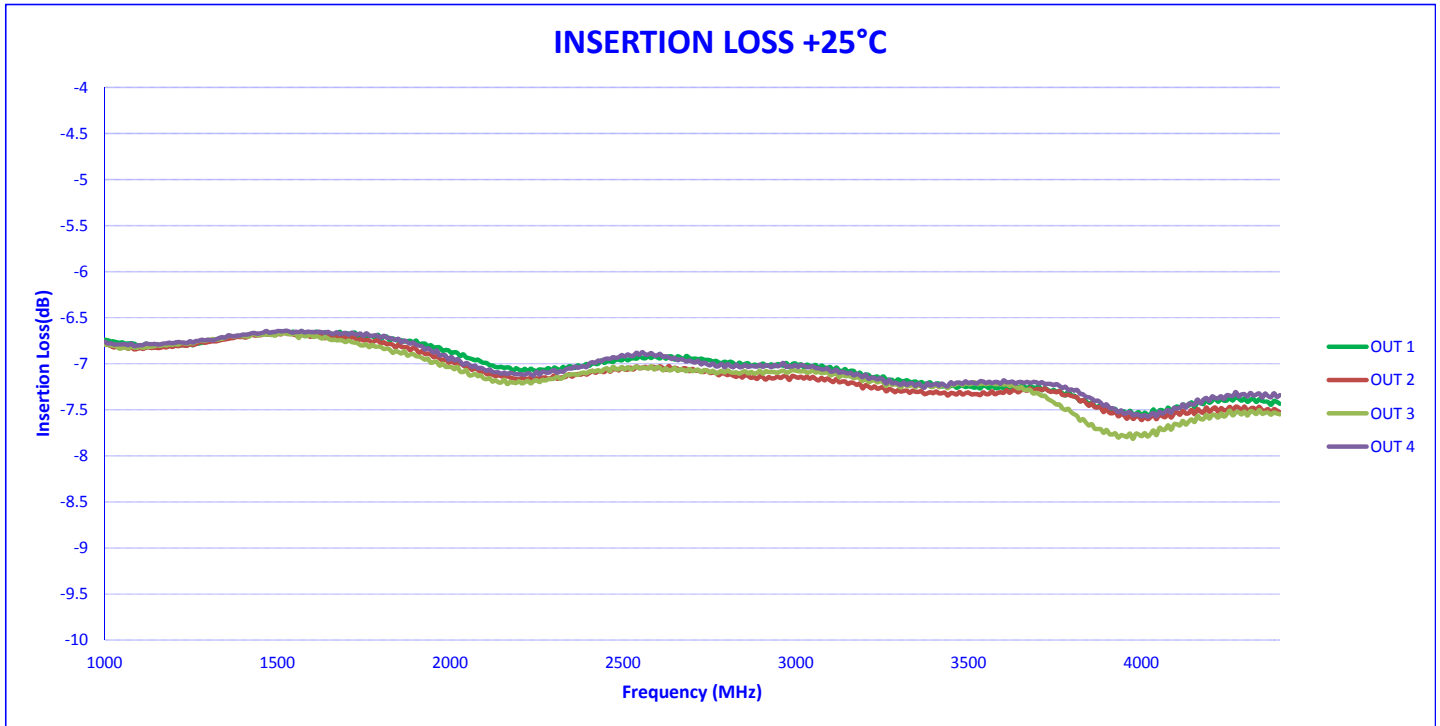
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	1000 MHz to 4400 MHz	1000 MHz to 4400 MHz	
2	Insertion Loss:	8.5 dB MAX	7.02 dB See Plot	
3	Isolation:	12 dB MIN	20.56 dB See Plot	
4	Input VSWR:	2 : 1 MAX	1.7 : 1 See Plot	
5	Output VSWR:	2 : 1 MAX	1.84 : 1 See Plot	
6	Amplitude Balance:	± 0.3 dB TYP	± 0.16 dB	

SUMMARY DATA FOR +85°C

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	1000 MHz to 4400 MHz	1000 MHz to 4400 MHz	
2	Insertion Loss:	8.5 dB MAX	7.16 dB See Plot	
3	Isolation:	12 dB MIN	20.45 dB See Plot	
4	Input VSWR:	2 : 1 MAX	1.74 : 1 See Plot	
5	Output VSWR:	2 : 1 MAX	1.87 : 1 See Plot	
6	Amplitude Balance:	± 0.3 dB TYP	± 0.14 dB	

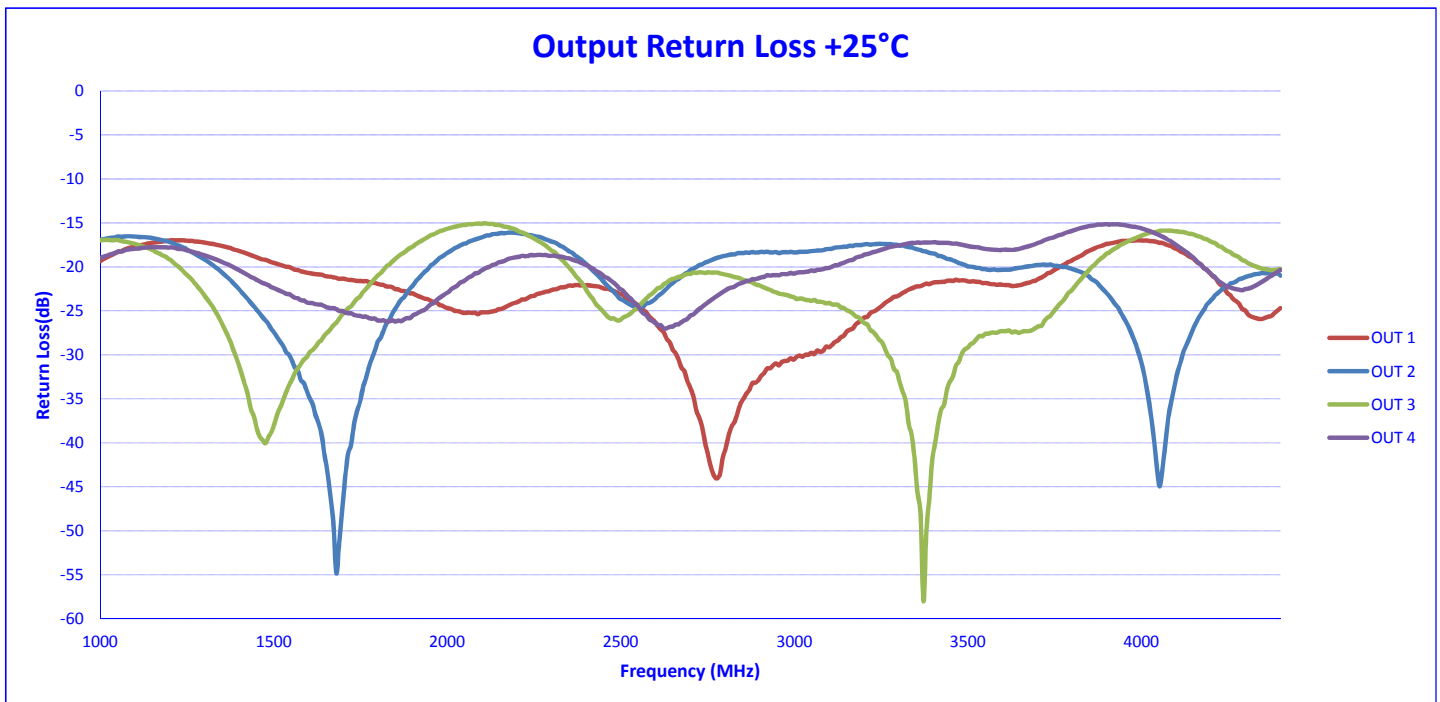
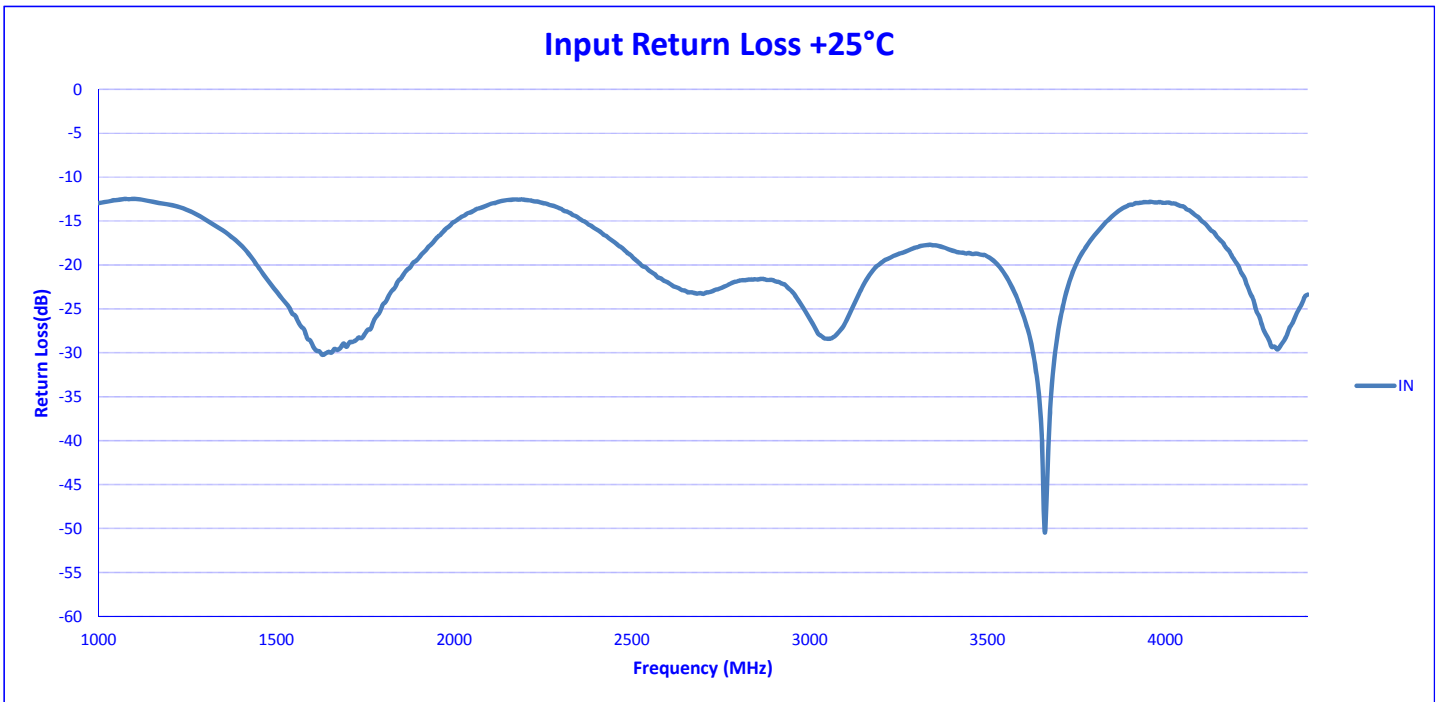


TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM



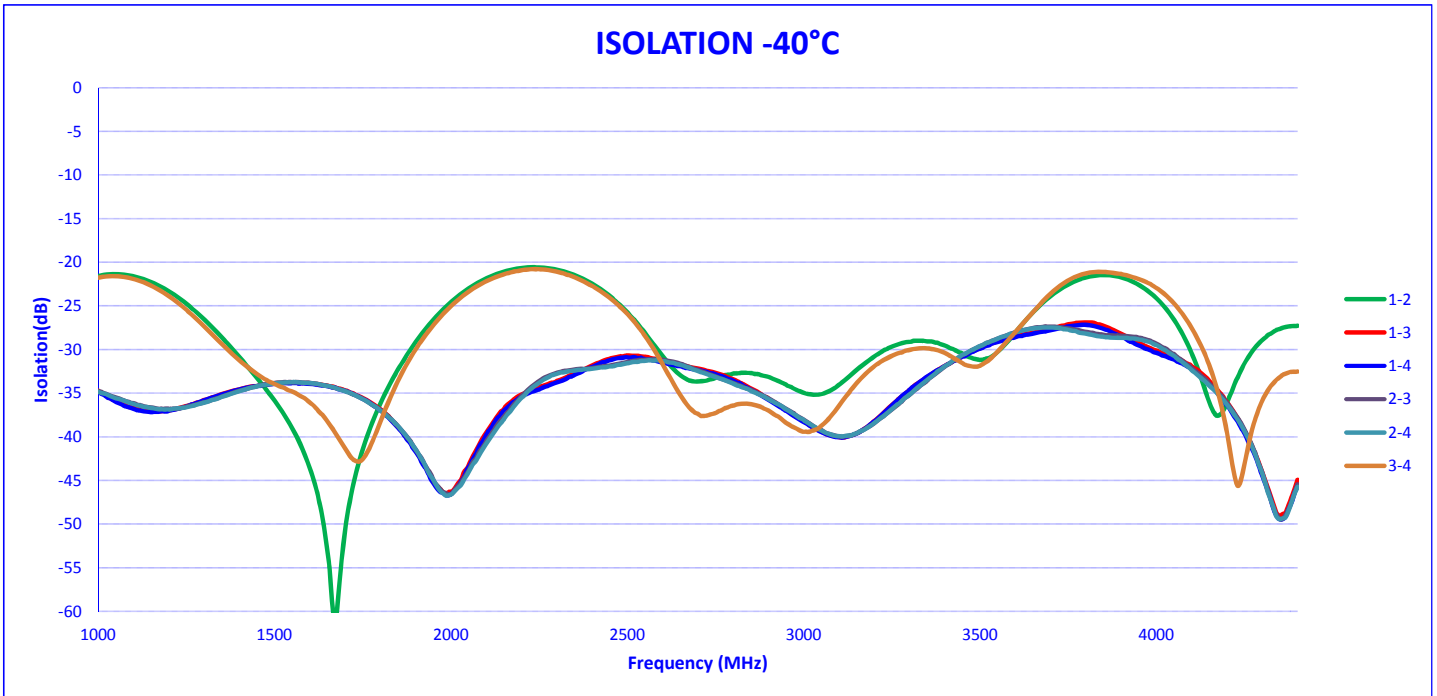
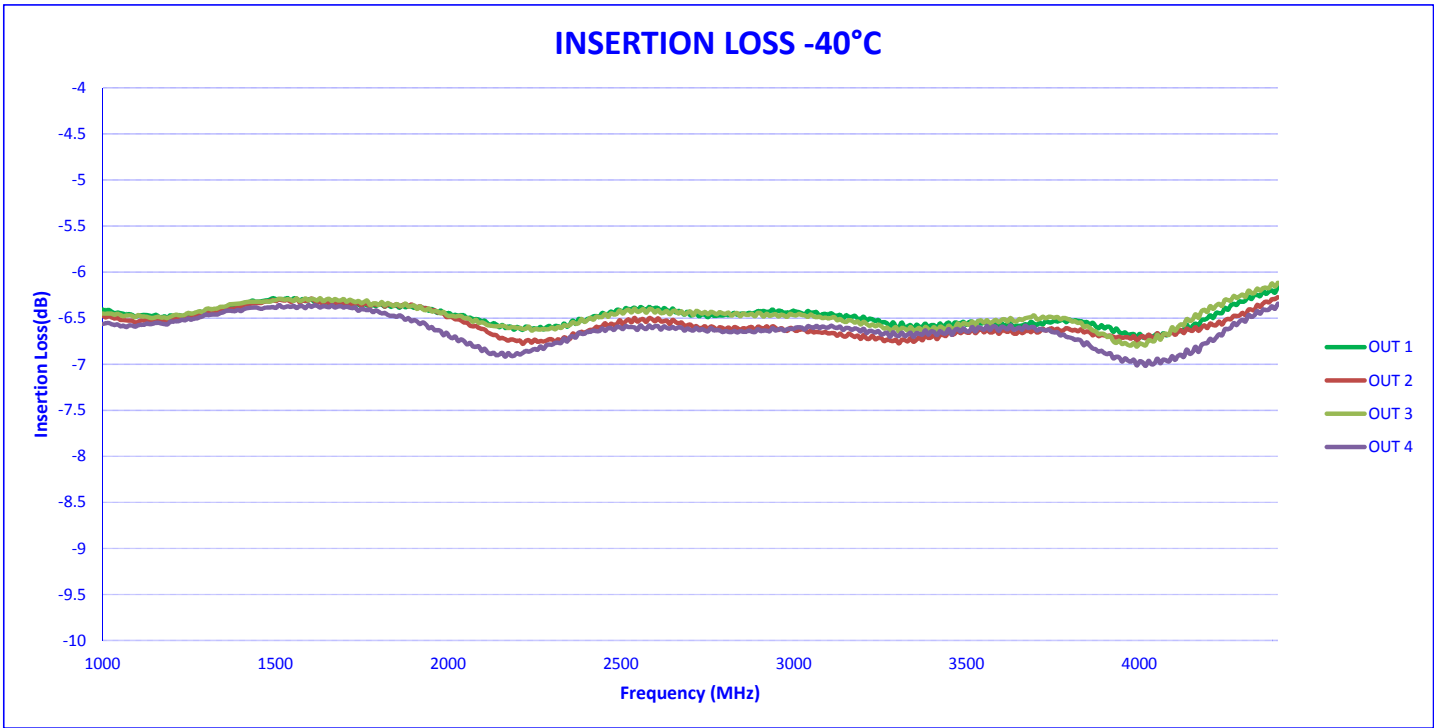


TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM



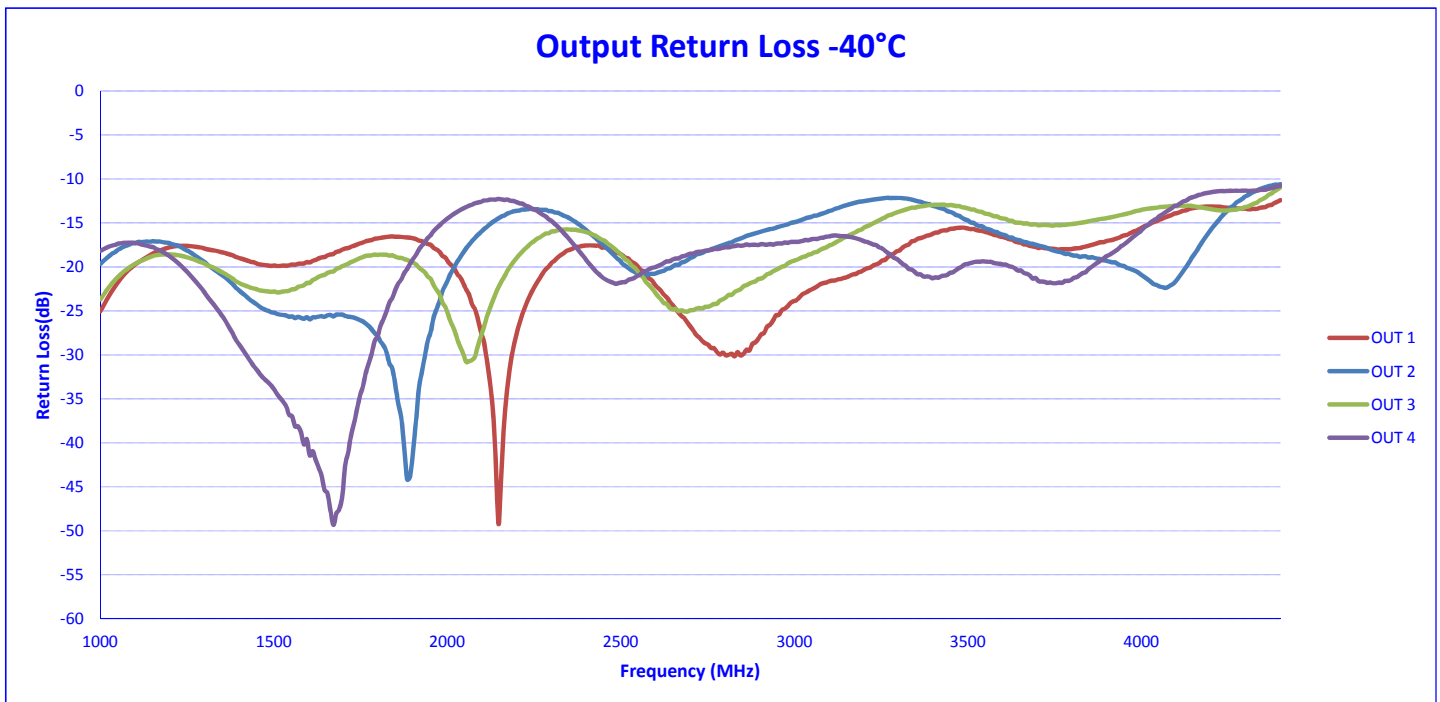
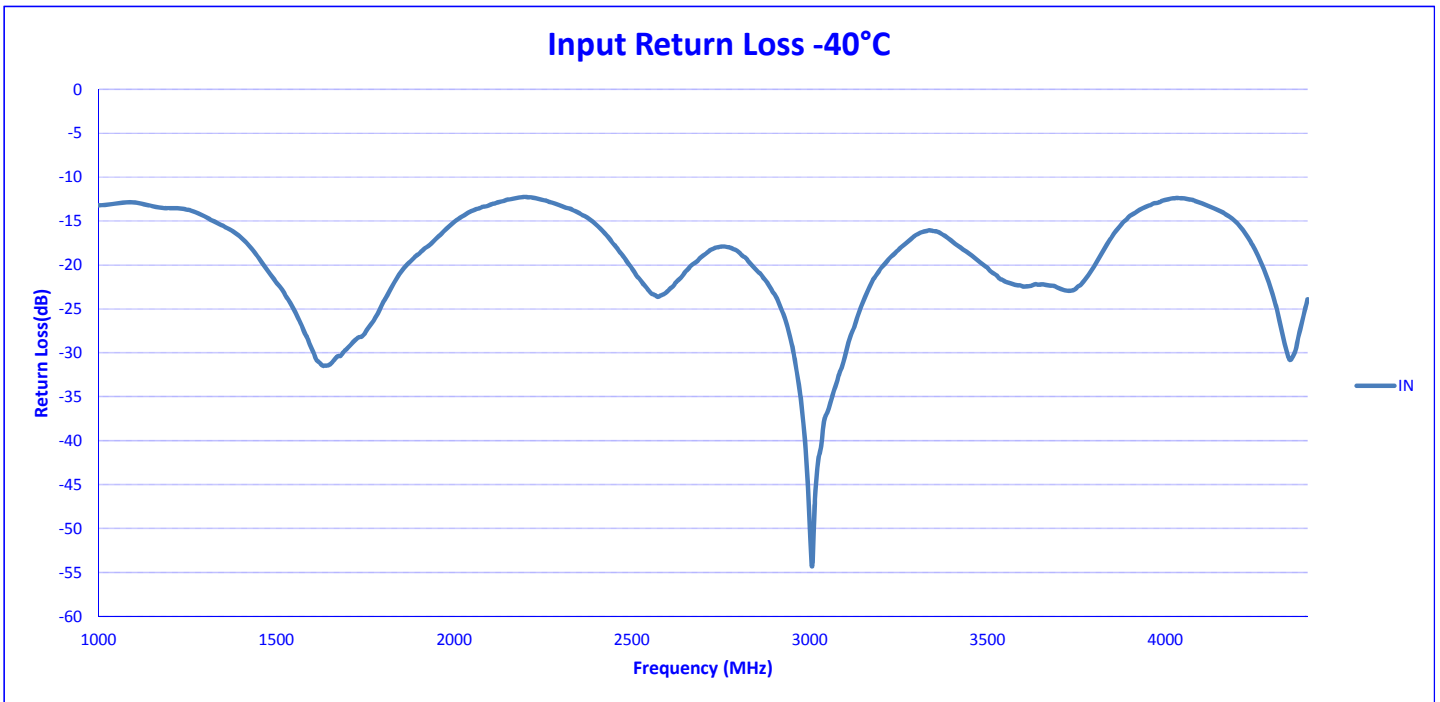


TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM



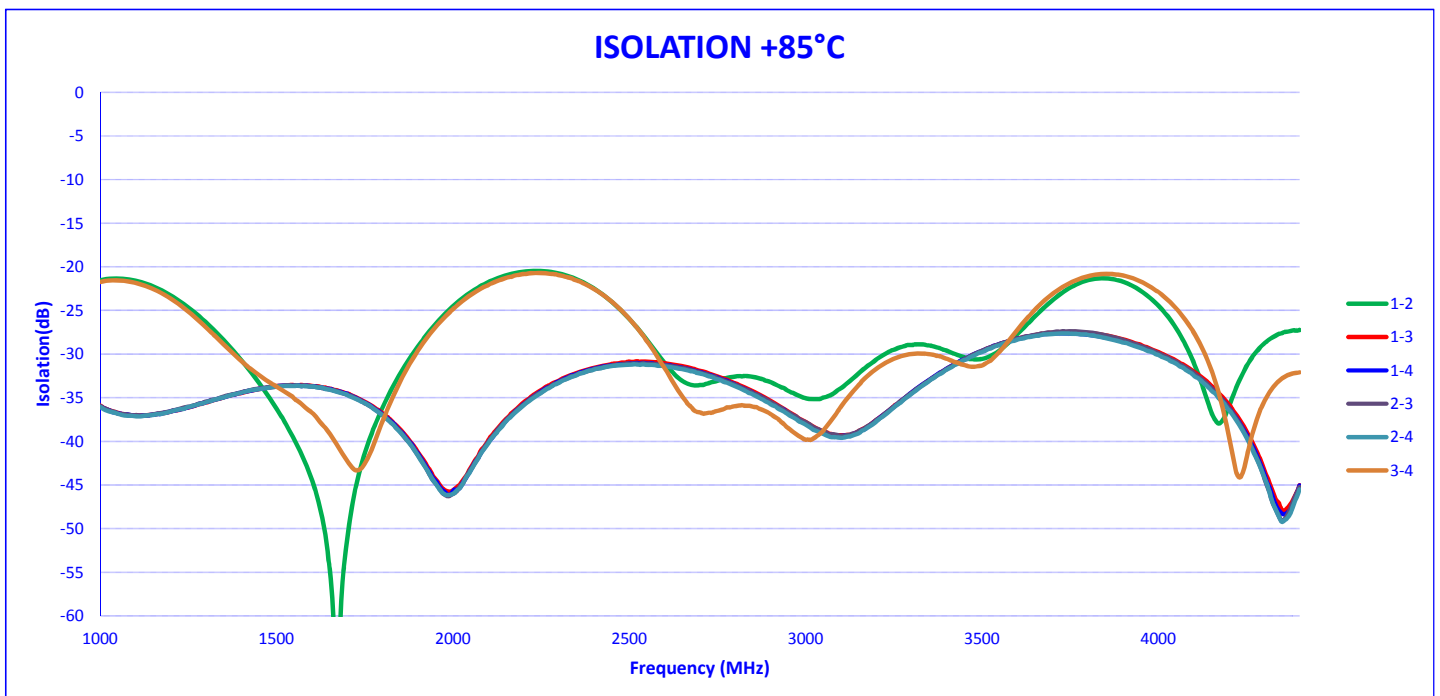
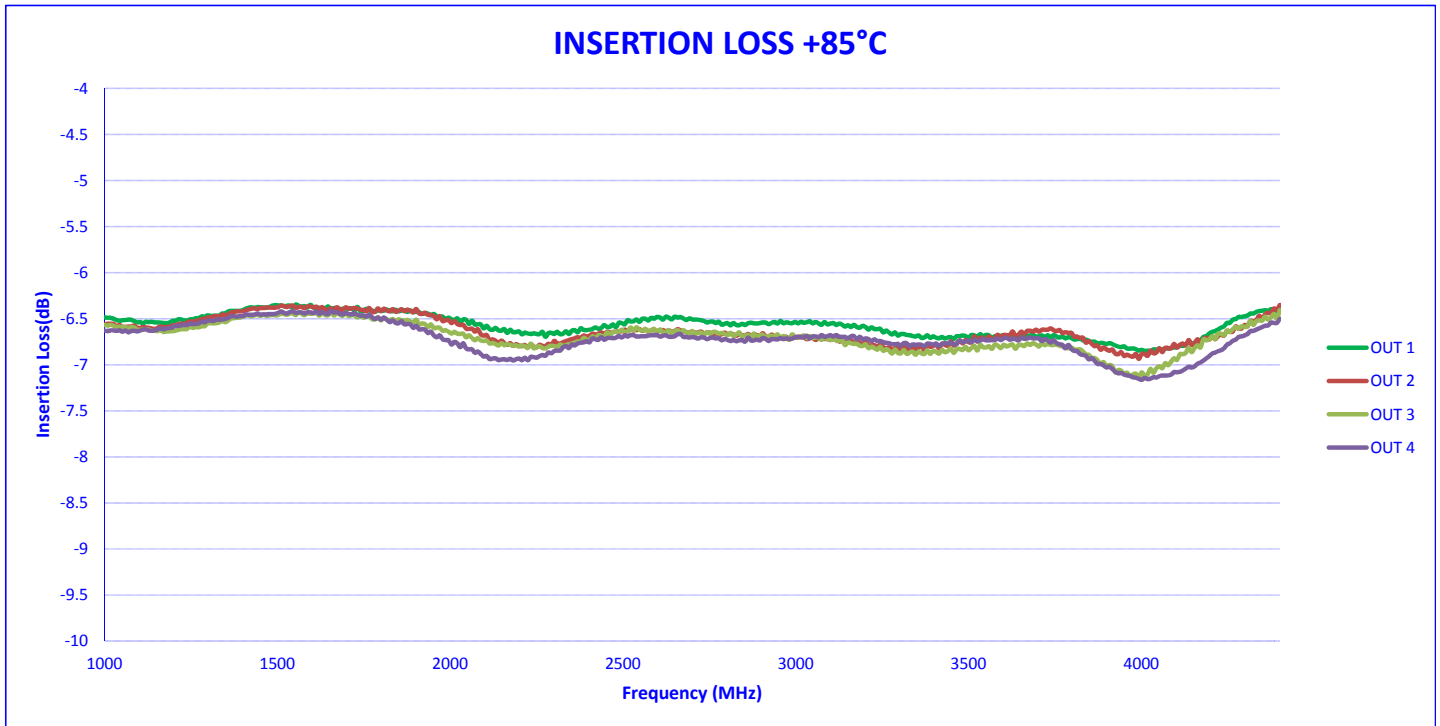


TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM





TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM





TYPICAL CHARACTERISTICS ON PD4-500M7G-TEE-SMPM

