

SUMMARY TEST DATA ON PEC-30-10M20-SFF

Customer: _____
SO No: _____
Model No: PEC-30-10M20-SFF
Serial No: PL38657/2248

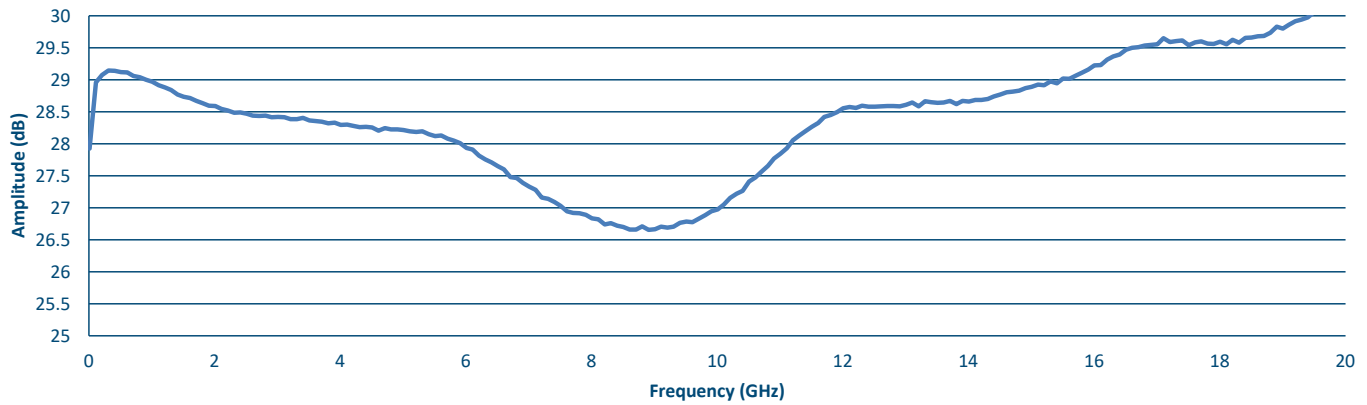
Tested By: E. Kretz
Temperature: +25° C
Date: 12/5/2022
Drawing No: 27633840 REV: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.10 to 20.0 GHz	0.10 to 20.0 GHz	
2	Gain:	26 dB Min (10 MHz to 18 GHz) 28 dB Min (18 to 20 GHz)	+26.66 dB Min. +29.56 dB Min. See Plot	
3	Gain Flatness:	±2 dB Max. (10 MHz to 18 GHz) ±2.75 dB Max. (18 to 20 GHz)	±1.5 dB ±1.83 dB See Plot	
4	Noise Figure:	4.5 dB MAX (20 MHz to 0.5 GHz) 3.0 dB MAX (0.5 MHz to 18 GHz) 4.0 dB MAX (18 to 20 GHz)	Pass See Typical Characteristics	
5	OP1dB:	13.5 dB Min. (10 MHz to 18 GHz) 12 dB Min (18 to 20 GHz)	+13.5 dBm (10 MHz to 18 GHz) +12.1 dBm (18 to 20 GHz)	
6	VSWR Input	2:1 Max. (10 MHz to 18 GHz) 2.4:1 Max (18 to 20 GHz)	1.9:1 (10 MHz to 18 GHz) 1.4:1 (18 to 20 GHz) See Plot	
7	VSWR Output:	2.1:1 Max. (10 MHz to 18 GHz) 2.6:1 Max (18 to 20 GHz)	2.1:1 (10 MHz to 18 GHz) 2.1:1 (18 to 20 GHz) See Plot	
8	DC Supply:	+12 to +15 VDC @ 170 mA MAX.	+12 to +15 VDC @ 150 mA	

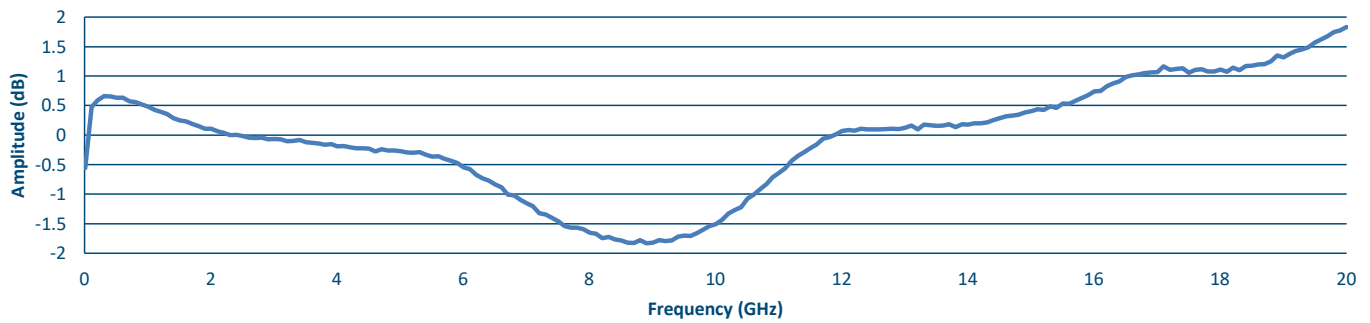
QA/QC Approval: _____

Date: _____

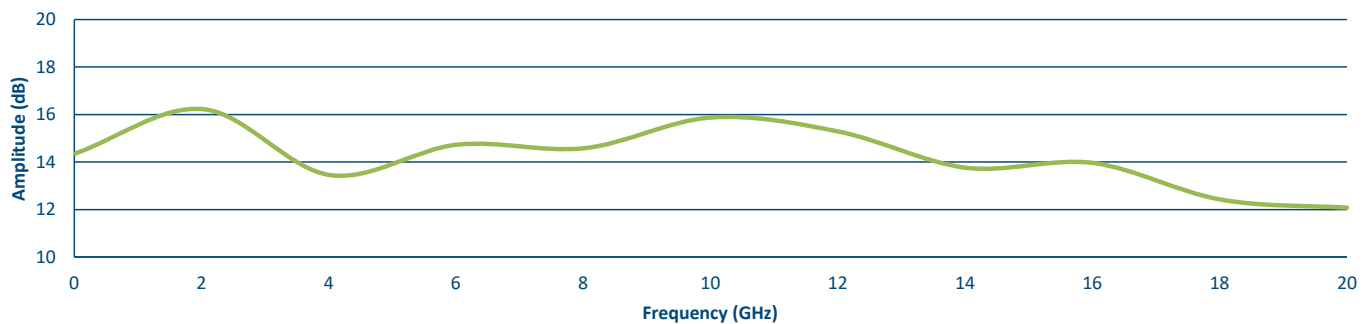
Gain



Gain Flatness



OP1dB



VSWR

