

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

Customer: A
SO No:
Model No: PEC-30-10M20-SFF
Serial No: PL42895/2350

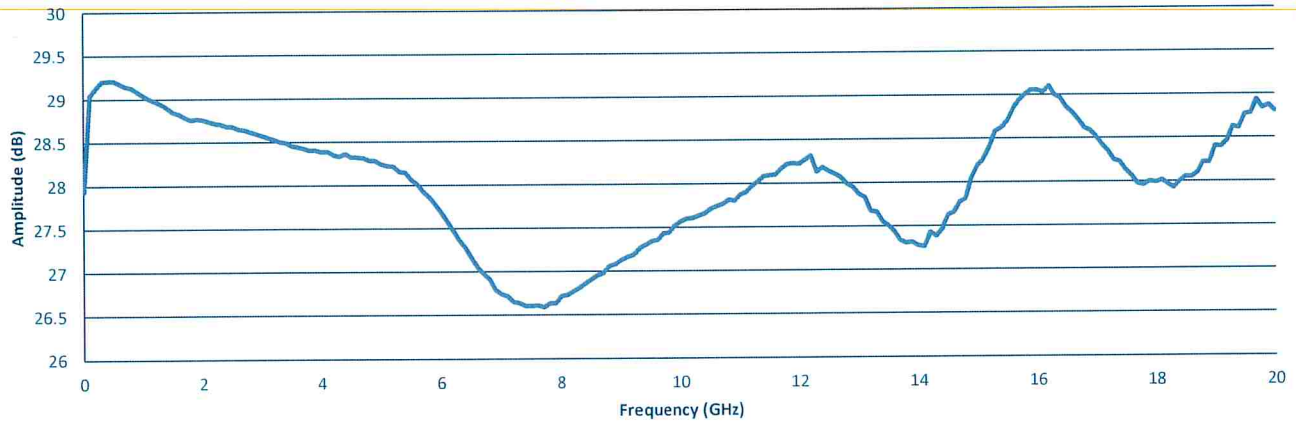
Tested By: Fredeswindo C. Cortes
Temperature: +25° C
Date: 12/15/2023
Drawing No: 27633840 REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	10 MHz to 20.0 GHz	10 MHz to 20.0 GHz	
2	Gain:	26 dB Typ. (10 MHz to 18 GHz) 28 dB Typ. (18 to 20 GHz)	+26.6 dB Min. +27.9 dB Min. See Plot	
3	Gain Flatness:	±2.0 dB Typ. (10 MHz to 18 GHz) ±2.5 dB Typ. (18 to 20 GHz)	±1.31 dB ±0.5 dB See Plot	
4	Noise Figure:	3.0 dB Typ. (20 MHz to 0.5 GHz) 2.5 dB Typ. (0.5 MHz to 18 GHz) 3.3 dB Typ. (18 to 20 GHz)	2.1 dB 3.1 dB 3.3 dB See Plot	
5	OP1dB:	+14 dBm Typ. (10 MHz to 18 GHz) +13 dBm Typ. (18 to 20 GHz)	+15.5 dBm +17 dBm See Plot	
6	Psat	+13 dBm Min.	+16.4 dBm See Plot	
7	VSWR Input	2.0:1 Max. (10 MHz to 18 GHz) 2.2:1 Typ. (18 to 20 GHz)	1.98:1 1.63:1 See Plot	
8	VSWR Output:	2.1:1 Max. (10 MHz to 18 GHz) 2.4:1 Typ. (18 to 20 GHz)	2.09:1 2.06:1 See Plot	
9	DC Supply:	+12 to +15 VDC @ 170 mA MAX.	140 mA	

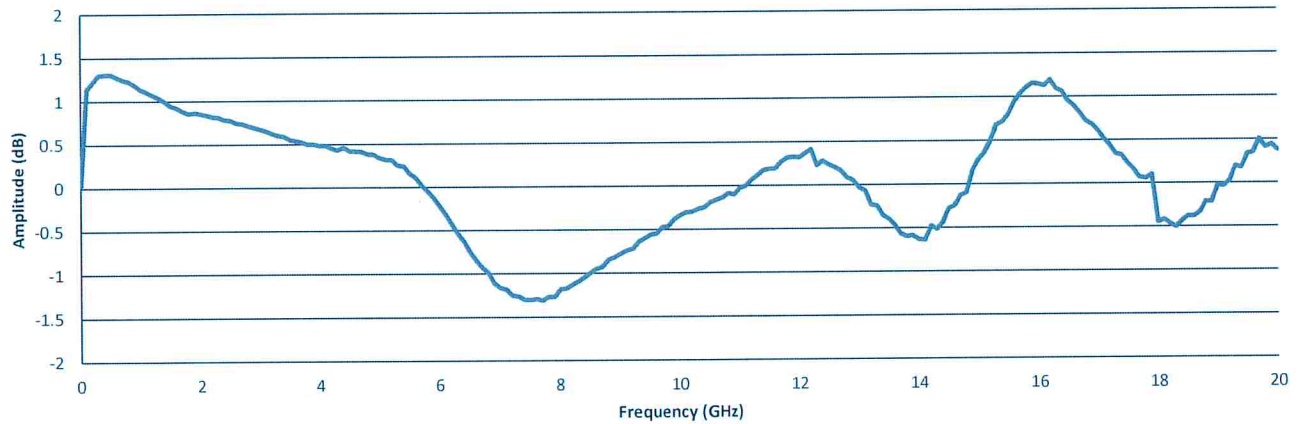
QA/QC Approval: 

Date: 12-15-23

Gain



Gain Flatness



Noise Figure

