

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

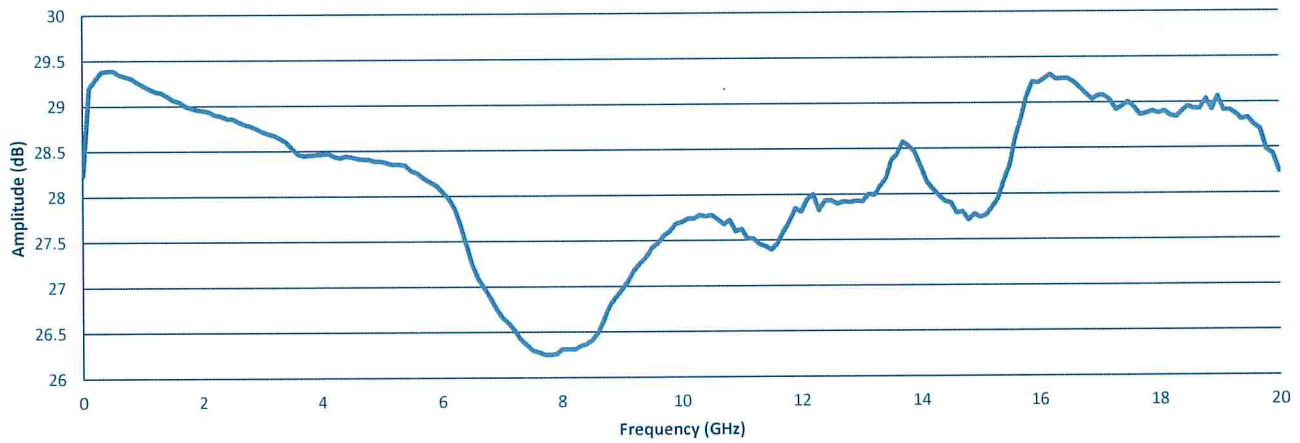
Customer: _____ Tested By: Fredeswindo C. Cortes
 SO No: _____ Temperature: +25° C
 Model No: PEC-30-10M20-SFF Date: 12/15/2023
 Serial No: PL43422/2350 Drawing No: 27633840 REV: A2

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	PMI QA3
2	Gain:	26 dB Typ. (10 MHz to 18 GHz) 28 dB Typ. (18 to 20 GHz)	+26.3 dB Min. +28.2 dB Min. See Plot	
3	Gain Flatness:	±2.0 dB Typ. (10 MHz to 18 GHz) ±2.5 dB Typ. (18 to 20 GHz)	±1.57 dB ±0.42 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)	2.2 dB 3 dB 3.3 dB See Plot	
5	OP1dB:	+14 dBm Typ. (10 MHz to 18 GHz) +13 dBm Typ. (18 to 20 GHz)	+15.3 dBm +16.3 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)	2:1 1.83:1 See Plot	
8	VSWR Output:	2.1:1 Max. (10 MHz to 18 GHz) 2.4:1 Typ. (18 to 20 GHz)	2.1:1 1.41:1 See Plot	
9	DC Supply:	+12 to +15 VDC @ 170 mA MAX.	136 mA	

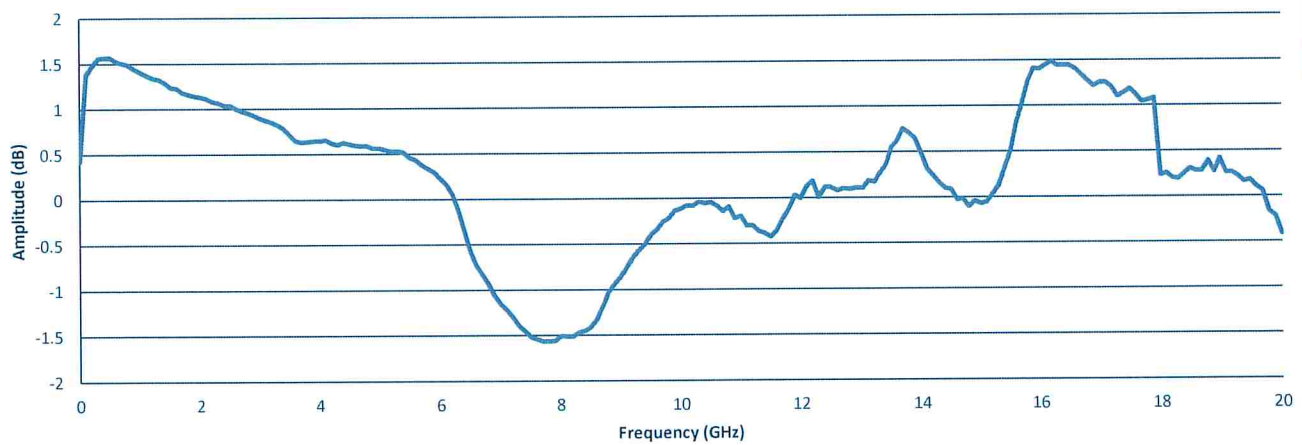
QA/QC Approval: _____

Date: 12-20-23

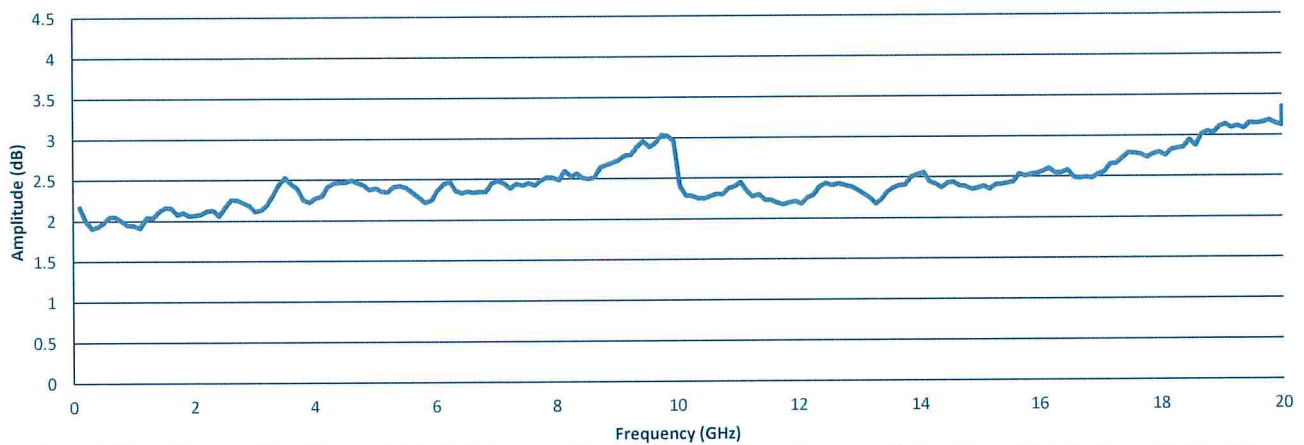
Gain



Gain Flatness



Noise Figure



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