



Tested By: Fredeswindo C. Cortes

Temperature: +25° C

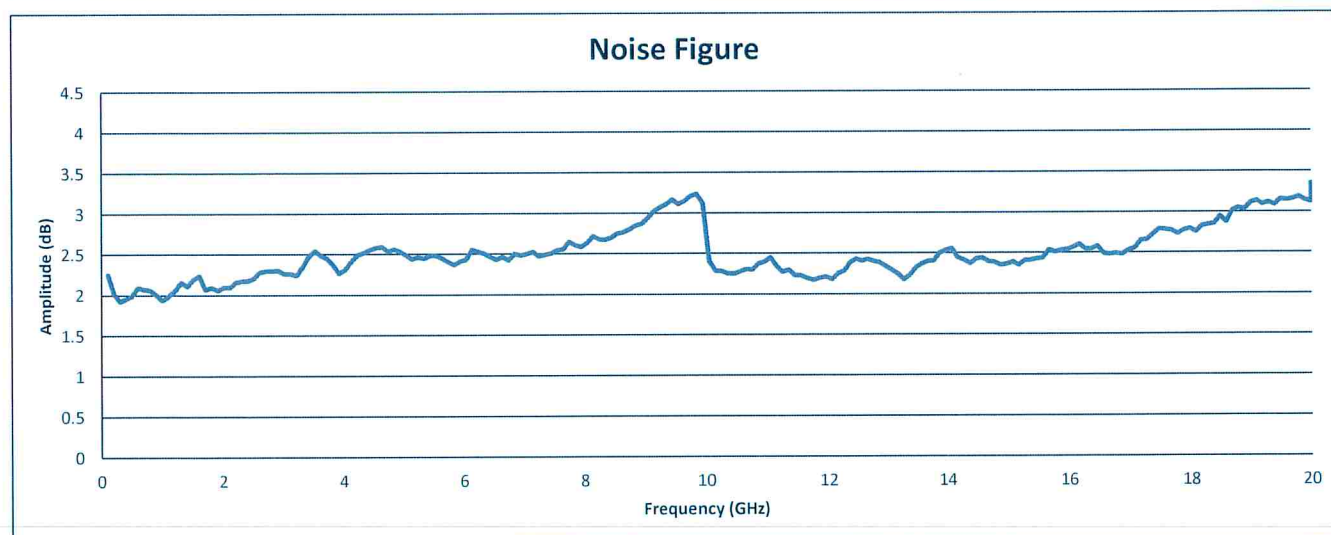
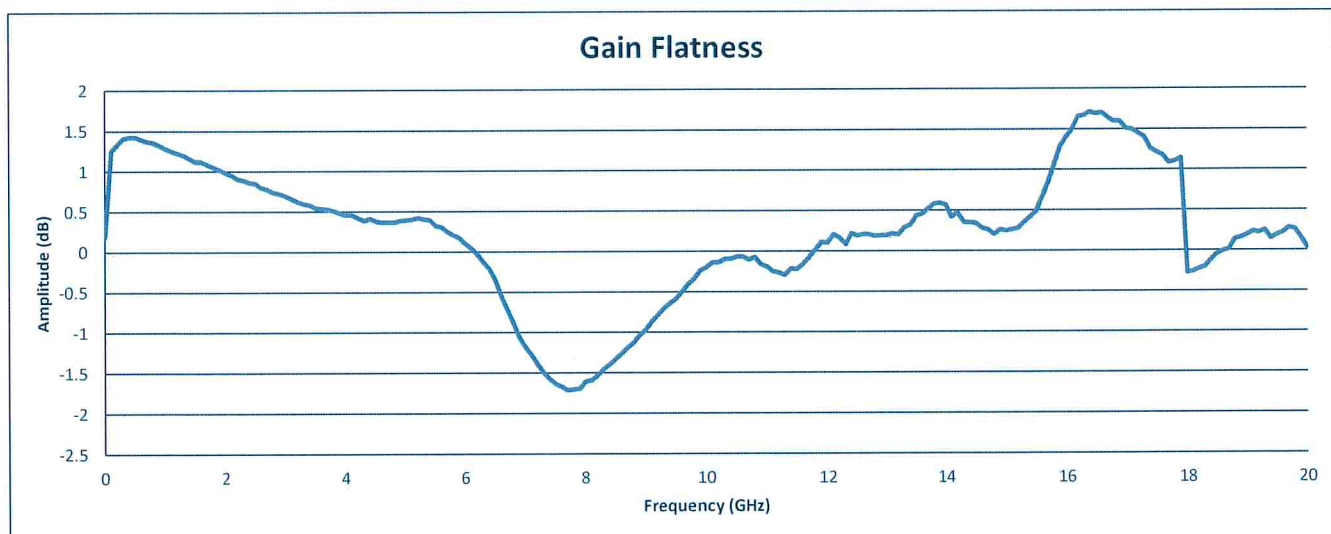
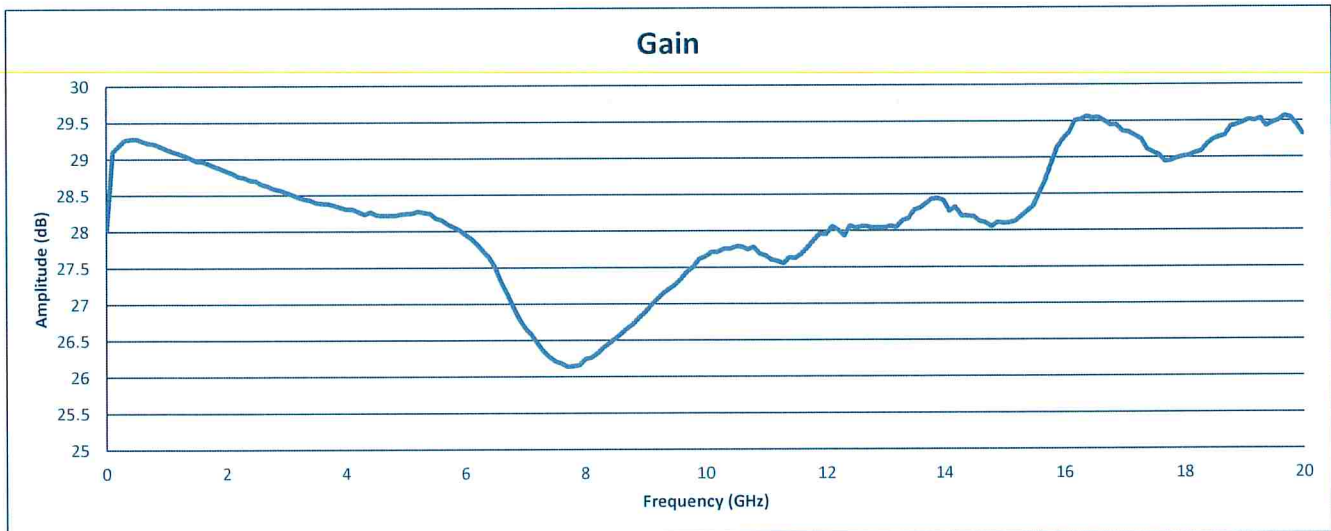
Date: 12/15/2023

Drawing No: 27633840

REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC PMI QA3
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)	+26.1 dB Min. +29 dB Min. See Plot	
3	Gain Flatness:	±2.0 dB Typ. (10 MHz to 18 GHz) ±2.5 dB Typ. (18 to 20 GHz)	±1.71 dB ±0.27 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)	2.3 dB 3.2 dB 3.3 dB See Plot	
5	OP1dB:	+14 dBm Typ. (10 MHz to 18 GHz) +13 dBm Typ. (18 to 20 GHz)	+12.9 dBm +15.5 dBm See Plot	
6	Psat	+13 dBm Min.	+16.7 dBm See Plot	
7	VSWR Input	2.0:1 Max. (10 MHz to 18 GHz) 2.2:1 Typ. (18 to 20 GHz)	1.89:1 2.02:1 See Plot	
8	VSWR Output:	2.1:1 Max. (10 MHz to 18 GHz) 2.4:1 Typ. (18 to 20 GHz)	2.05:1 1.72:1 See Plot	
9	DC Supply:	+12 to +15 VDC @ 170 mA MAX.	142 mA	

Date:



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

