

**SUMMARY TEST DATA
ON
PLDRO-18D75G-25M-EXT-ROHS**

Customer: _____
SO No: _____
Model No: PLDRO-18D75G-25M-EXT-ROHS
Serial No: PL40323/2317

Tested By: K Craven
Temperature: 25°C
Date: 4/27/2023
Drawing No: 27645980 Rev: A1

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC
1	Output Frequency	18.75 GHz	18.75 GHz	PMI QA2
2	Reference Frequency	25 MHz External	25 MHz External	
3	Output Power	13 to 15 dBm	14.6 dBm	
4	No Lock Break VSWR	3:1 Min	Pass See Typical Characteristics	
5	Output Spurious (10MHz to 50GHz)	-75 dBc Max	-80.7 dBc	
6	Output Harmonics	-25 dBc Max	Pass See Typical Characteristics	
7	Sub Harmonics	-60 dBc Max (0.5*n Fo)	Pass See Typical Characteristics	
8	Output Ssb Phase Noise	See Outline	Pass See Typical Charactersitics	
9	Reference Input Power	3 to 10 dBm	10 dBm	
11	Reference Input Spurious	-80 dBc Max	Pass By Test Setup	
12	Reference Phase Noise	See Outline	Pass By Test Setup	
13	DC Supply	12 +- 0.5 V, 500 mA	12V @ 360 mA	
14	Lock Detector	TTL HIGH In Lock, TTL Low Out Lock	Pass	
15	Phase Voltage Monitor Output	0 to 12 V	0 to 12 V	
16	Cold Start Temperature	-45 Degrees C Max	Pass By Design	PMI QA2

QA/QC Approval:

PMI
QA2

Date:

4/28/2023

