



**SUMMARY TEST DATA
ON
PDRO-37D8G-13DBM-EXT**

Customer: _____
 SO No: _____
 Model No: PDRO-37D8G-13DBM-EXT
 Serial No: PL41151/2326

Tested By: Y Li
 Temperature: 25°C
 Date: 6/30/2023
 Drawing No: 27346660 Rev: A1

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC	
1	Output Frequency	37800 MHz	37800 MHz	PMI QA2	
2	Ref Frequency	100 MHz	100 MHz		
3	Input Level	3 to 13 dBm	3 to 13 dBm		
4	Output level	13 dBm Min	15.6 dBm		
5	Spurious	-50 dBc Max	-55.4 dBc		
6	Harmonics	-20 dBc Max	Pass By Design		
7	Phase Noise (Ref in 8dBm MIN @ 25C)	-65 dBc/Hz @ 100 Hz Max -81 dBc/Hz @ 1 kHz Max -95 dBc/Hz @ 10 kHz Max -107 dBc/Hz @ 100 kHz Max -123 dBc/Hz @ 1 MHz Max	100 Hz: -81 dBc/Hz 1 kHz: -103 dBc/Hz 10 kHz: -102 dBc/Hz 100 kHz: -109 dBc/Hz 1 MHz: -130 dBc/Hz		
8	Supply Voltage	12 to 15 V	12 to 15 V		
9	Current	300 mA Max	12: 275 mA 15: 231 mA		
10	Lock Detector	TTL High Lock	TTL High Lock		PMI QA2

*Spurious maximum measured value includes both wideband sweep spurs and sidebands close to carrier.

QA/QC Approval: PMI
QA2 Date: 6/30/2023

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