

**SUMMARY TEST DATA
ON
PLDRO-12522R24M-13DBM-SFF-ROHS**

CUSTOMER: _____
 SO: _____
 MODEL NO: PLDRO-12522R24M-13DBM-SFF-ROHS
 SERIAL NO: PL55636/2540

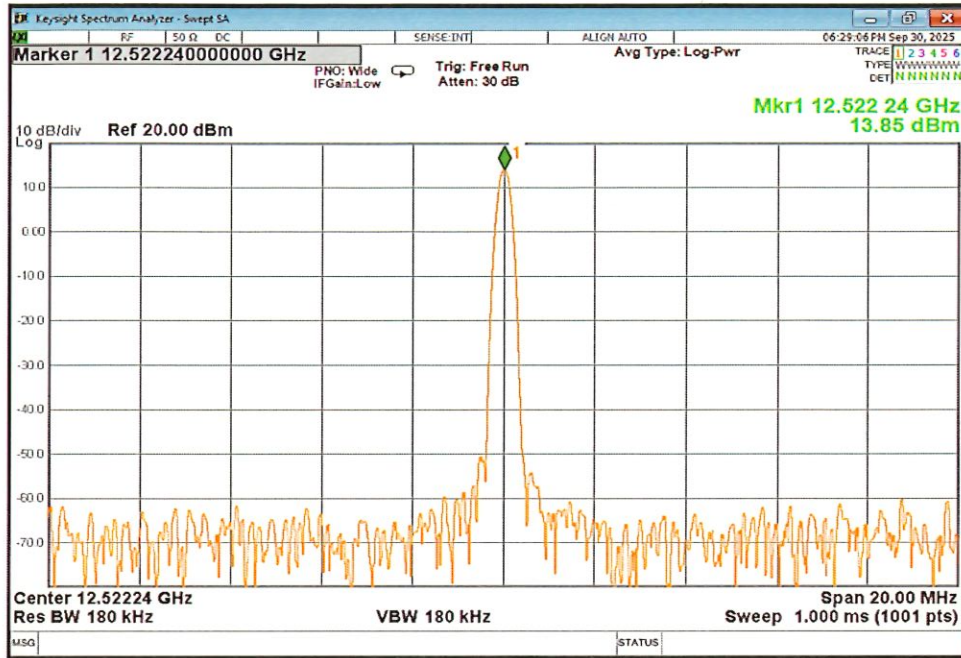
TESTED BY: K Craven
 TEMPERATURE: +25°C
 DATE: 10/3/2025
 DRAWING NO: 27634480 REV: B2

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	12.52224 GHz	12.52224 GHz	PMI QA4
2	External Reference	130.44 MHz	130.44 MHz	
3	Reference Input Power	0 ± 3 dBm	0 dB	
4	Output Power	13 dBm Min	13.9 dBm	
5	Spurious	-70 dBc Max In Band	< -70 dBc	
6	Harmonics	-20 dBc Max	-33.1 dBc	
7	Phase Noise	-67 dBc/Hz MIN @ 100 Hz -96 dBc/Hz MIN @ 1 kHz -110 dBc/Hz MIN @ 10 kHz -115 dBc/Hz MIN @ 100 kHz -130 dBc/Hz MIN @ 1 MHz	See Plot	
8	DC Power	+12 to +15V @ 350 mA Max	+15V @ 200 mA	
9	Lock Detect	TTL High In Lock	Pass	PMI QA4

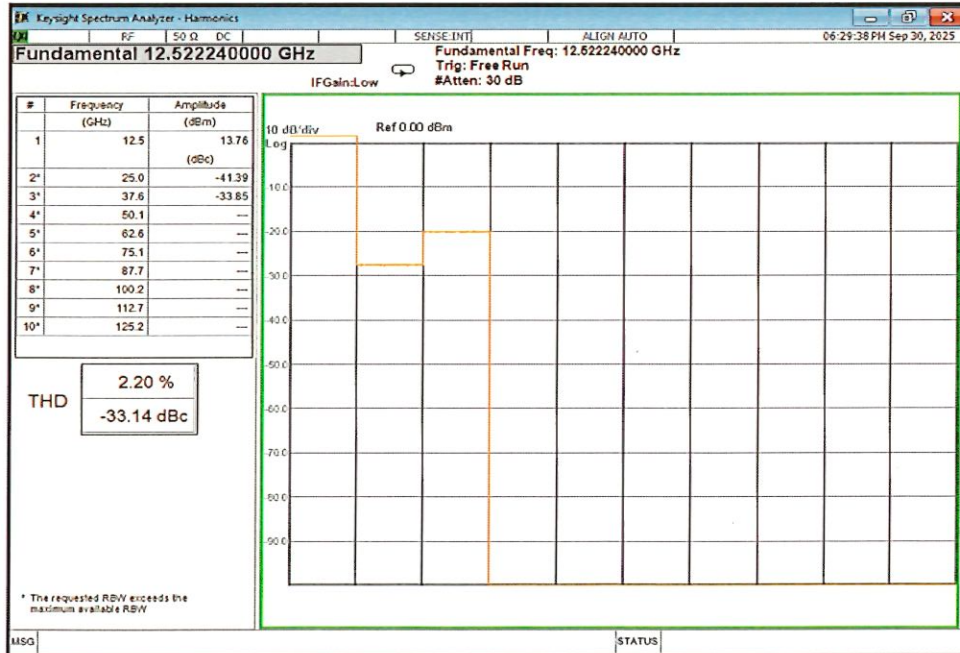
QA/QC Approval: *Cummary Kelly*

Date: 10/7/25

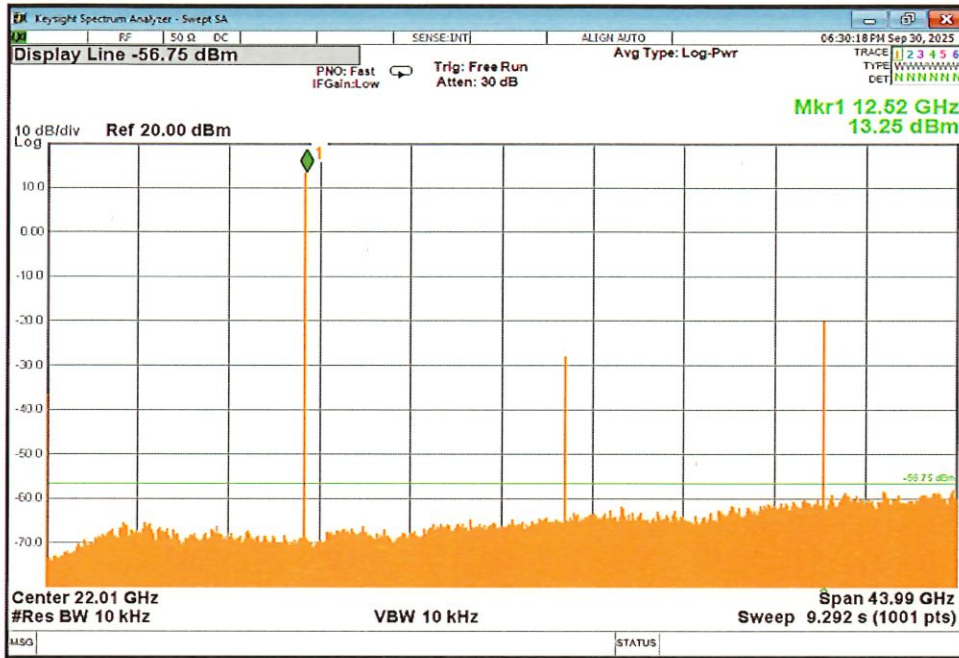
Carrier Signal



Harmonics



Spurious



Phase Noise Curve

R&S FSUP 50 Signal Source Analyzer			LOCKED
Settings	Residual Noise [T1 w/o spurs]	Phase Detector + 20 dB	
Signal Frequency: 12.522240 GHz	Int PHN (30.0 .. 30.0 M) -57.1 dBc		
Signal Level: 7.51 dBm	Residual PM 0.113 °		
Cross Corr Mode Harmonic 1	Residual FM 1.966 kHz		
Internal Ref Tuned Internal Phase Det	RMS Jitter 0.0251 ps		

