



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

PL44694/2409

Customer: \_\_\_\_\_ Tested By: Rony Castellanos  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: PLDRO-12522R24M-13DBM-SFF Date: 02/26/2024  
Serial No: PL44694/2409 Drawing No: 27034480 Rev: C2

| TEST ITEM | PARAMETERS            | SPECIFIED VALUE          |         | TEST RESULTS | QA QC   |
|-----------|-----------------------|--------------------------|---------|--------------|---------|
| 1         | Frequency Range (fo)  | 12.52224 GHz             |         | 12.52224 GHz | PMI QA2 |
| 2         | External Reference    | 130.44 MHz               |         | 130.44 MHz   |         |
| 3         | Reference Input Power | 0 ± 3 dBm                |         | 0 ± 3 dB     |         |
| 4         | Output Power          | 13 dBm Min               |         | 15.42 dBm    |         |
| 5         | Spurious              | -70 dBc Max In Band      |         | -70 dBc      |         |
| 6         | Harmonics             | -20 dBc Max              |         | -32.67 dBc   |         |
| 7         | Phase Noise           | -67 dBc/Hz Min           | 100 Hz  | See Typ.     |         |
|           |                       | -96 dBc/Hz Min           | 1 kHz   |              |         |
|           |                       | -110 dBc/Hz Min          | 10 kHz  |              |         |
|           |                       | -115 dBc/Hz Min          | 100 kHz |              |         |
|           |                       | -130 dBc/Hz Min          | 1 MHz   |              |         |
| 8         | DC Power              | +12 to +15V @ 350 mA Max |         | +15 @ 210 mA |         |
| 9         | Lock Detect           | TTL High In Lock         |         | Pass         | PMI QA2 |

QA/QC Approval: \_\_\_\_\_

PMI  
QA2

Date: \_\_\_\_\_

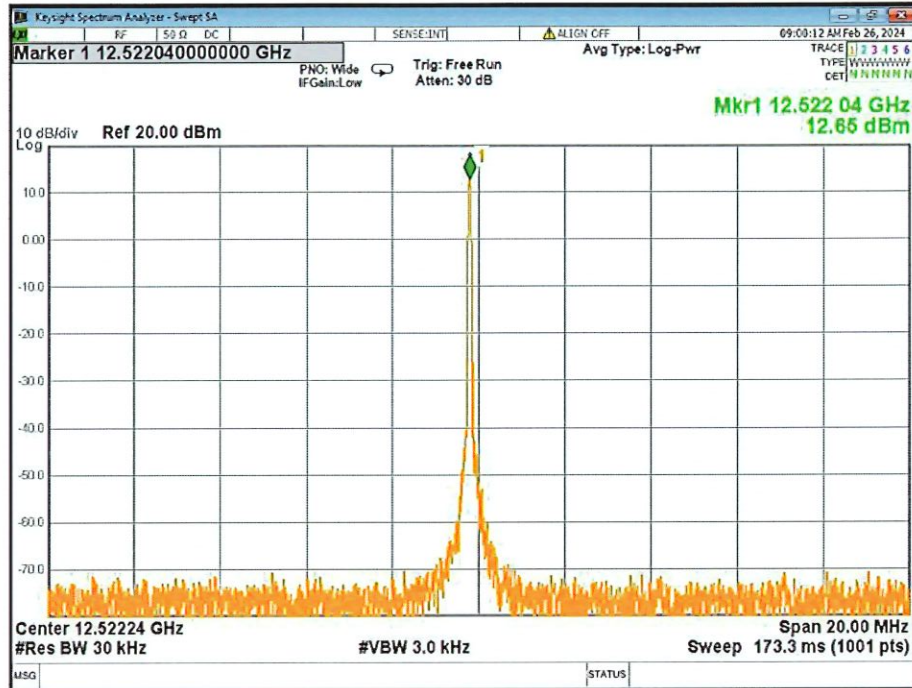
2/28/2024



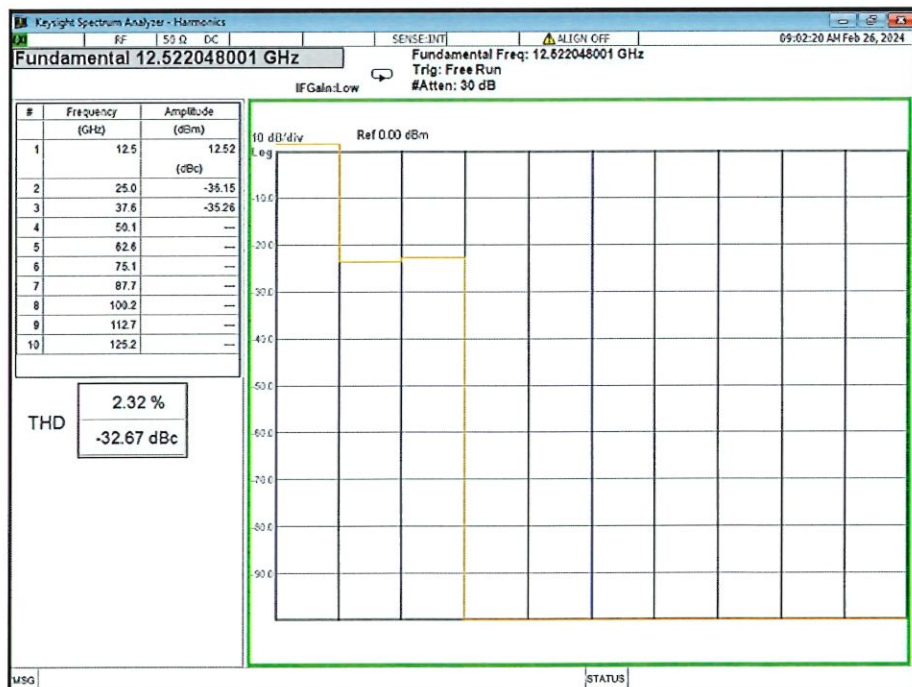
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## Carrier Signal



## Harmonics

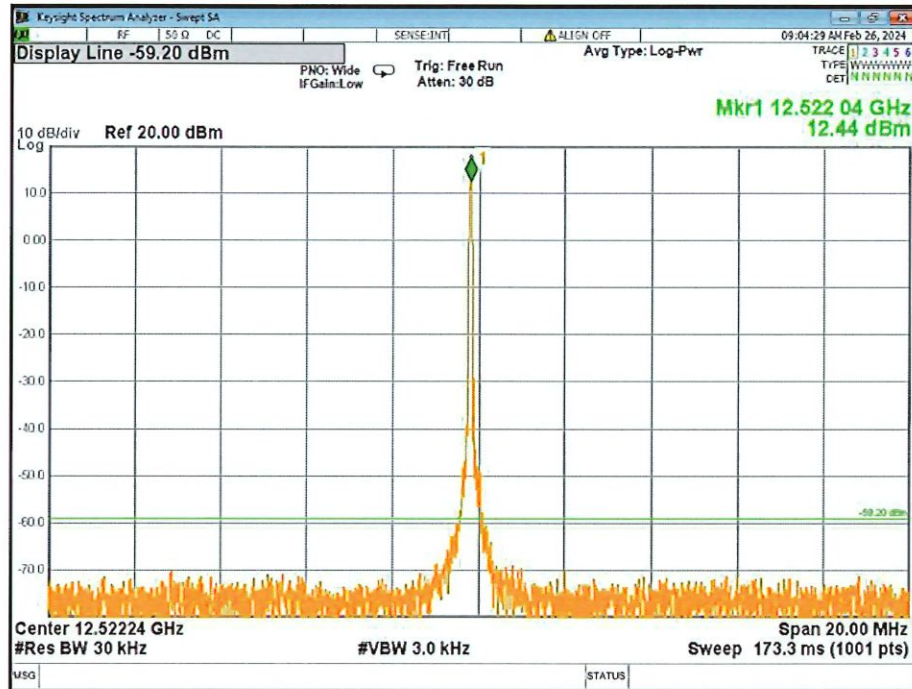




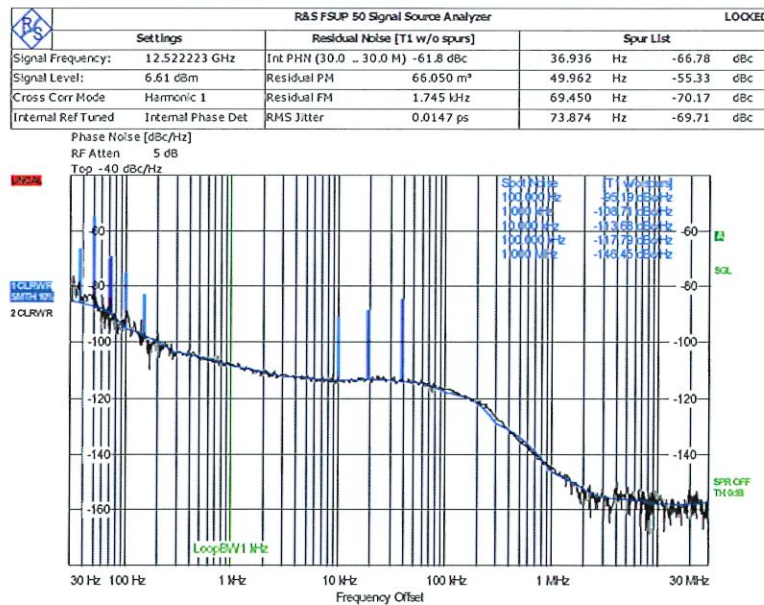
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## Spurious



## Phase Noise Curve



Measurement Complete

Date: 14.APR.2024 21:15:17