



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

PL46813/2425

Customer: _____ Tested By: K Craven
SO No: _____ Temperature: +25°C
Model No: PLDRO-12522R24M-13DBM-SFF-ROHS Date: 6/19/24
Serial No: PL46813/2425 Drawing No: 27634480 Rev: B1

TEST ITEM	PARAMETERS	SPECIFIED VALUE		TEST RESULTS	QA QC
1	Frequency Range (fo)	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 ± 3 dB	
4	Output Power	13 dBm Min		14.98 dBm	
5	Spurious	-70 dBc Max In Band		-83.42 dBc	
6	Harmonics	-20 dBc Max		-36.30 dBc	
7	Phase Noise	-67 dBc/Hz Min	100 Hz	See Plot	
		-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 QA4

QA/QC Approval: _____

Cameron Kelley

Date: _____

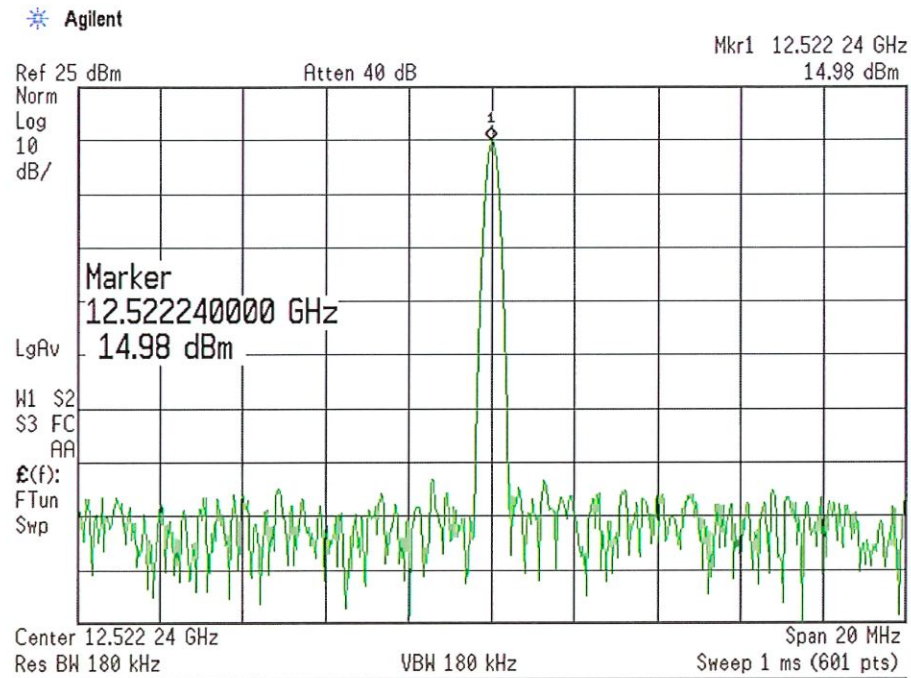
6/21/24



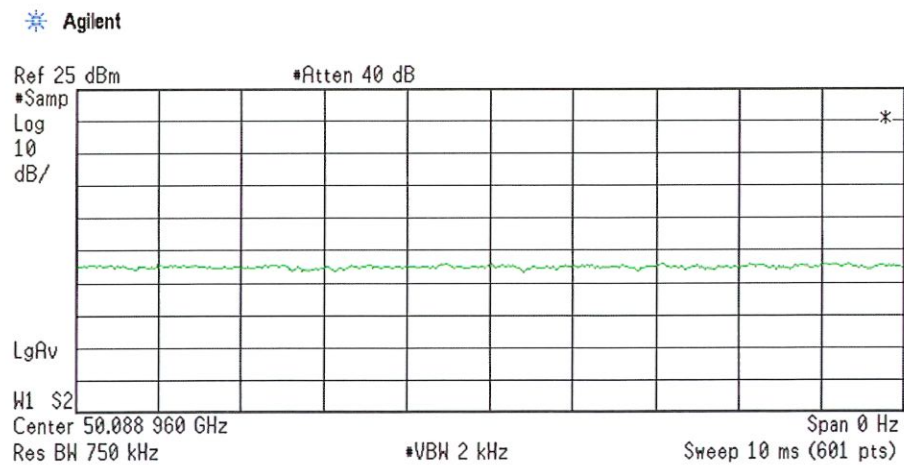
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Carrier Signal



Harmonics



Frequency	Amplitude
1 12.52 GHz	15.10 dBm
2 25.04 GHz	-36.30 dBc
3 37.57 GHz	-42.44 dBc
4 50.09 GHz	-45.16 dBc

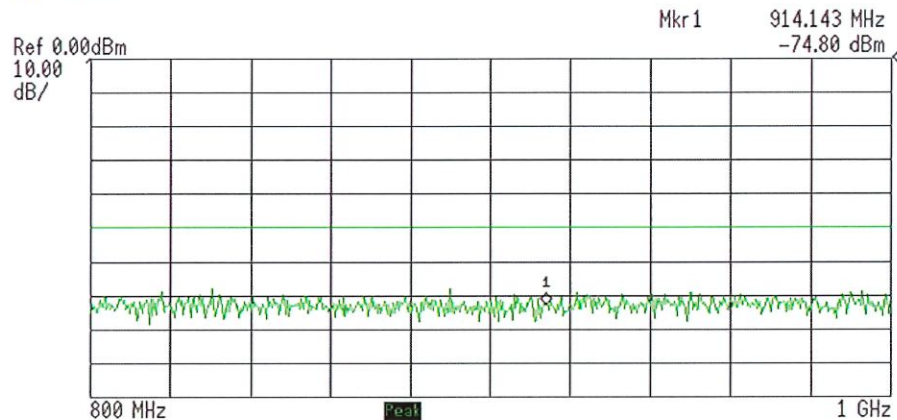


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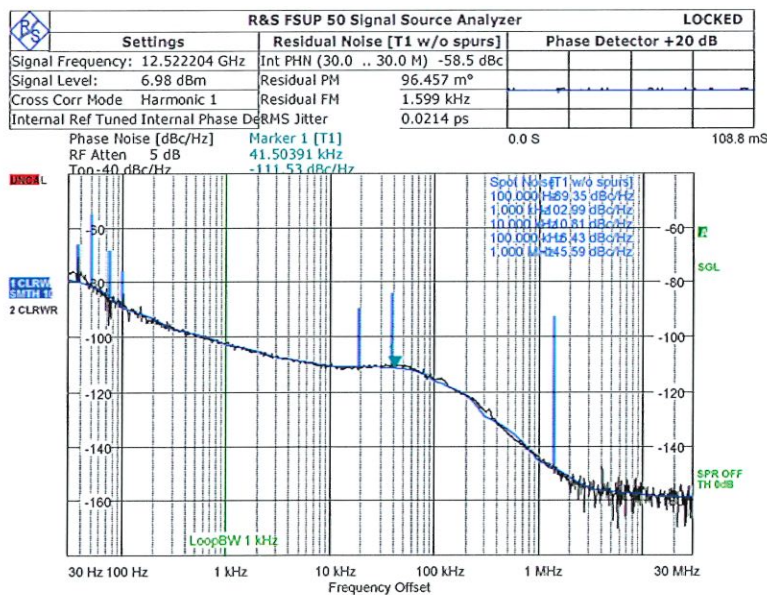
Spurious

✱ Agilent



Spur	Range	Frequency	Amplitude	Limit
18	2	1.898 GHz	-78.30 dBm	-50.00 dBm
19	2	1.911 GHz	-78.42 dBm	-50.00 dBm
20	2	1.916 GHz	-78.50 dBm	-50.00 dBm
21	4	2.180 GHz	-82.85 dBm	-50.00 dBm
22	5	914.1 MHz	-68.44 dBm	-50.00 dBm

Phase Noise Curve



Measurement Complete