



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

PL36199/2215

Customer: _____ Tested By: S. O'Neill
SO No: _____ Temperature: +25°C
Model No: PLDRO-12522R24M-13DBM-SFF Date: 1/30/23
Serial No: PL36199/2215 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 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		13.15 dBm	
5	Spurious	-70 dBc Max In Band		-80.83 dBc	
6	Harmonics	-20 dBc Max		-34.76 dBc	
7	Phase Noise	-67 dBc/Hz Min	100 Hz	See Typical Characteristics	
		-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@ 196 mA	
9	Lock Detect	TTL High In Lock		Pass	PMI QA2

QA/QC Approval: _____

PMI
QA2

Date: _____

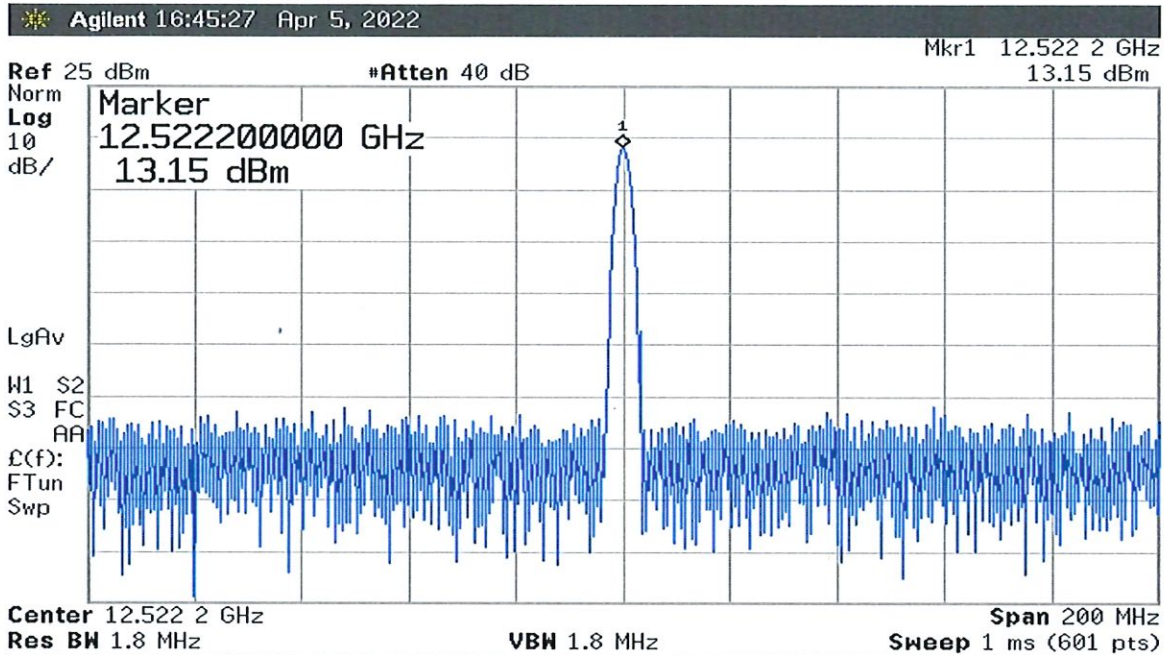
1/31/2023



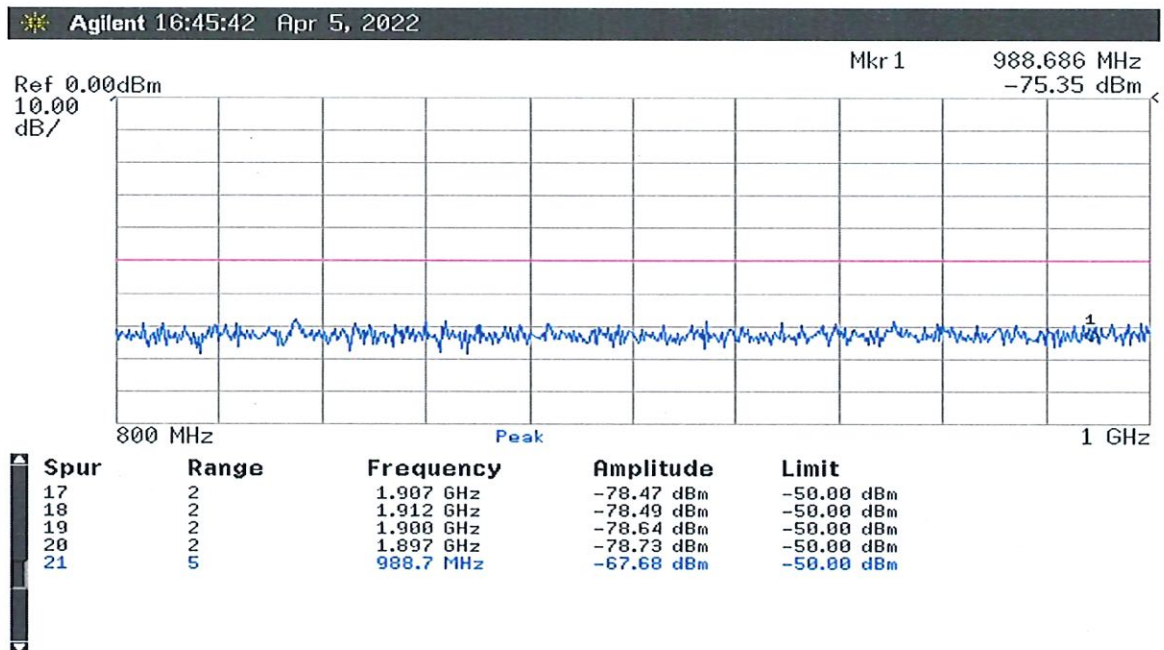
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Carrier Signal



Spurious





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Harmonics

Agilent 16:46:28 Apr 5, 2022

Ref 25 dBm

#Atten 40 dB

#Samp

Log

10

dB/

LgAv

H1 S2

Center 12.522 245 GHz

Res BW 1.8 MHz

#VBW 2 kHz

Span 0 Hz

Sweep 10 ms (601 pts)

Frequency

Amplitude

1	12.52 GHz	13.98 dBm
2	25.04 GHz	-35.61 dBc
3	37.57 GHz	-36.02 dBc
4	50.09 GHz	-34.76 dBc