



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

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25°C
Model No: PLDRO-12522R24M-13DBM-SFF Date: 12/2/2020
Serial No: PL30784/2051 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 QA 2
2	External Reference	130.44 MHz		130.44 MHz	
3	Reference Input Power	0 ± 3 dBm		0 ± 3 dB	
4	Reference Phase Noise (SSB)	-122 dBc/Hz Min	100 Hz	(See Typical Characteristics)	
		-139 dBc/Hz Min	1 kHz		
		-153 dBc/Hz Min	10 kHz		
		-158 dBc/Hz Min	100 kHz		
5	Output Power	13 dBm Min		14.03dBm	
6	Spurious	-70 dBc Max In Band		-77.09dBc	
7	Harmonics	-20 dBc Max		-29.83dBc	
8	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		
9	DC Power	+12 to +15V @ 350 mA Max		+15 V @ 248 mA	
10	Lock Detect	TTL High In Lock		Pass	PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: _____

12/2/20



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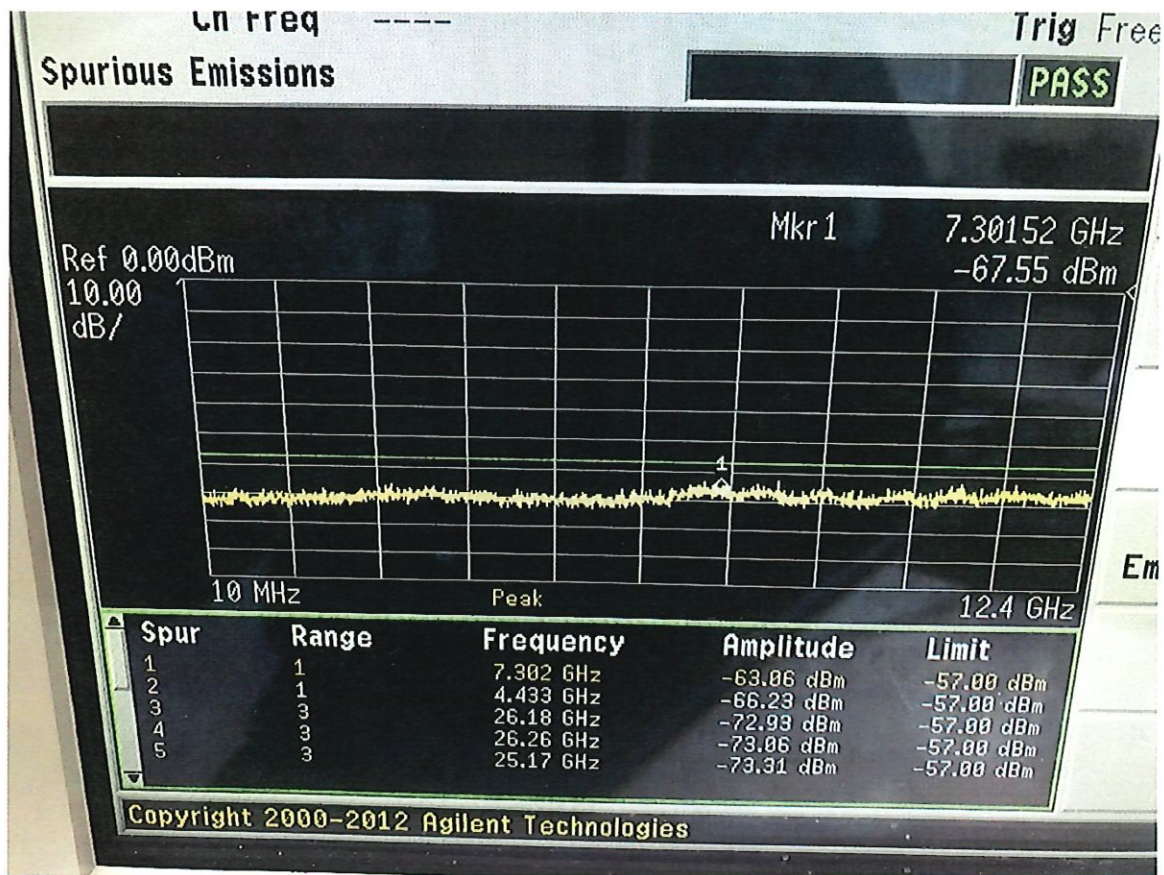
Carrier Signal





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Spurious





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Ch Freq		Trig Free		
Spurious Emissions		PASS		
Spur	Range	Frequency	Amplitude	Limit
1	1	7.302 GHz	-63.06 dBm	-57.00 dBm
2	1	4.433 GHz	-66.23 dBm	-57.00 dBm
3	3	26.18 GHz	-72.93 dBm	-57.00 dBm
4	3	26.26 GHz	-73.06 dBm	-57.00 dBm
5	3	25.17 GHz	-73.31 dBm	-57.00 dBm
6	3	25.49 GHz	-73.53 dBm	-57.00 dBm
7	3	26.26 GHz	-73.80 dBm	-57.00 dBm
8	3	25.57 GHz	-73.92 dBm	-57.00 dBm
9	3	25.65 GHz	-73.96 dBm	-57.00 dBm
10	3	26.23 GHz	-73.98 dBm	-57.00 dBm
11	3	26.21 GHz	-74.16 dBm	-57.00 dBm
12	3	26.15 GHz	-74.30 dBm	-57.00 dBm

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Harmonic

