



**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: PL30788/2051 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		14.2dBm	
6	Spurious	-70 dBc Max In Band		-76.35dBc	
7	Harmonics	-20 dBc Max		-38.33dBc	
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

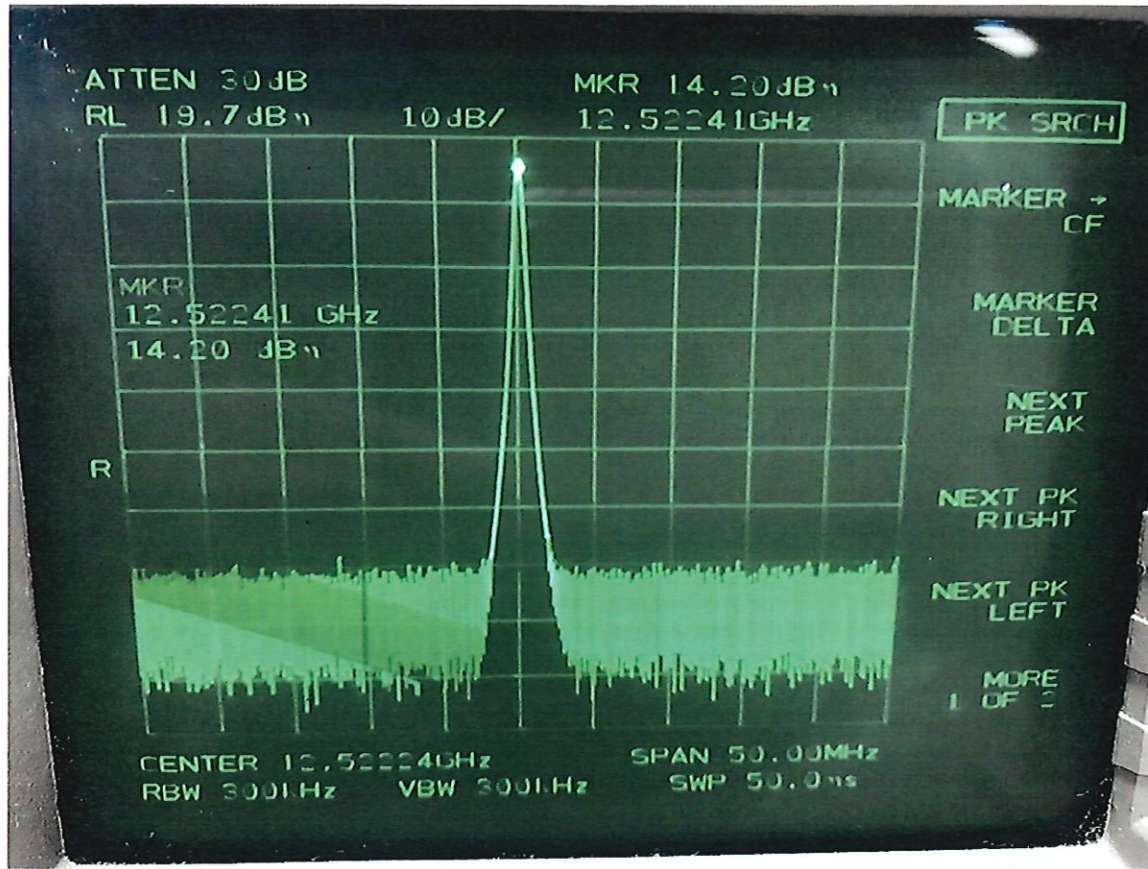
Date: _____

12/2/20



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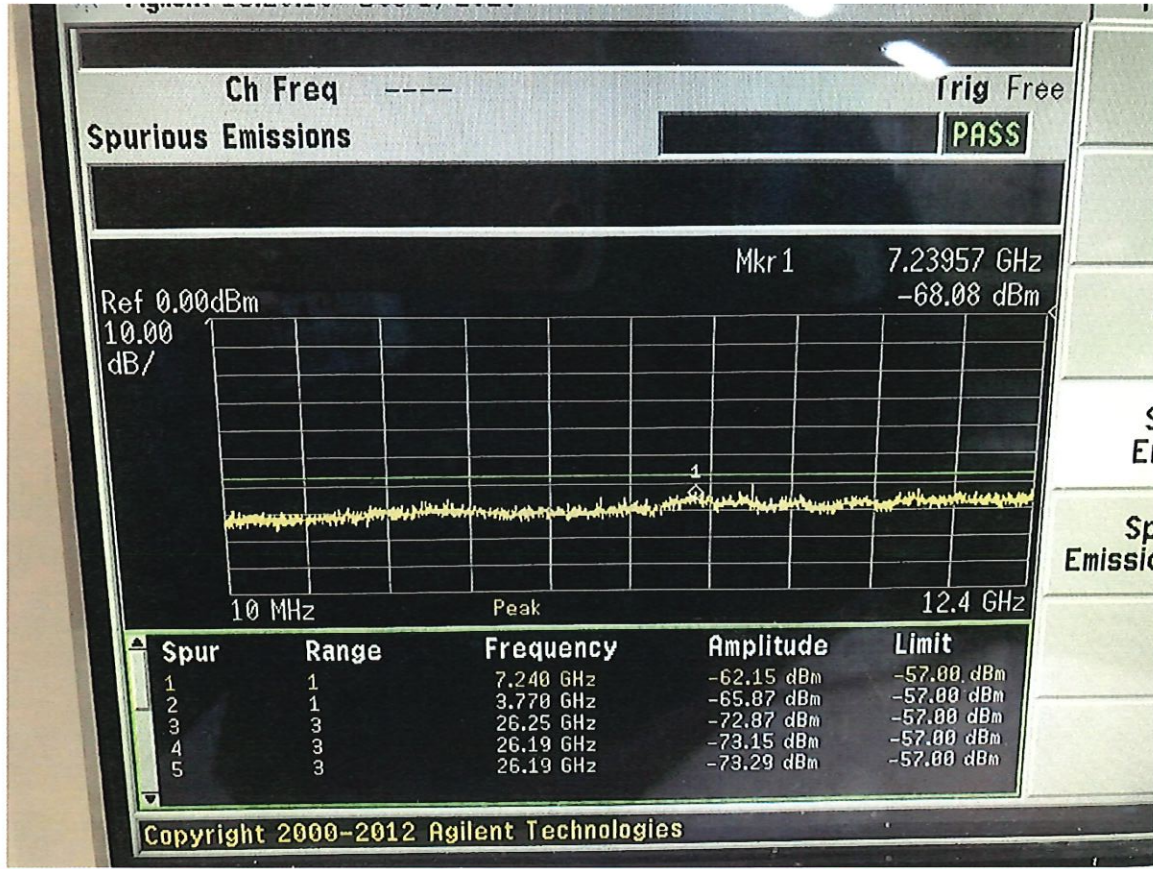
Carrier Signal





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Spurious





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Ch Freq		Trig Free		
Spurious Emissions		PASS		
Spur	Range	Frequency	Amplitude	Limit
1	1	7.240 GHz	-62.15 dBm	-57.00 dBm
2	1	3.770 GHz	-65.87 dBm	-57.00 dBm
3	3	26.25 GHz	-72.87 dBm	-57.00 dBm
4	3	26.19 GHz	-73.15 dBm	-57.00 dBm
5	3	26.19 GHz	-73.29 dBm	-57.00 dBm
6	3	25.30 GHz	-73.51 dBm	-57.00 dBm
7	3	26.22 GHz	-73.81 dBm	-57.00 dBm
8	3	26.11 GHz	-73.88 dBm	-57.00 dBm
9	3	26.09 GHz	-73.98 dBm	-57.00 dBm
10	3	26.22 GHz	-74.23 dBm	-57.00 dBm
11	3	25.39 GHz	-74.34 dBm	-57.00 dBm
12	3	26.03 GHz	-74.49 dBm	-57.00 dBm

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Harmonic

