



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

PL44311/2406

Customer: _____ Tested By: Rony Castellanos
SO No: _____ Temperature: +25°C
Model No: PLDRO-12522R24M-13DBM-SFF Date: 02/07/2024
Serial No: PL44311/2406 Drawing No: 27034480 Rev: C1

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		13.90 dBm	
5	Spurious	-70 dBc Max In Band		-81.85 dBc	
6	Harmonics	-20 dBc Max		-42.54 dBc	
7	Phase Noise	-67 dBc/Hz Min	100 Hz	Pass	
		-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@ 220 mA	
9	Lock Detect	TTL High In Lock		Pass	PMI QA4

QA/QC Approval: *Cameron Kelly* **PMI QA4** Date: 02/08/2024

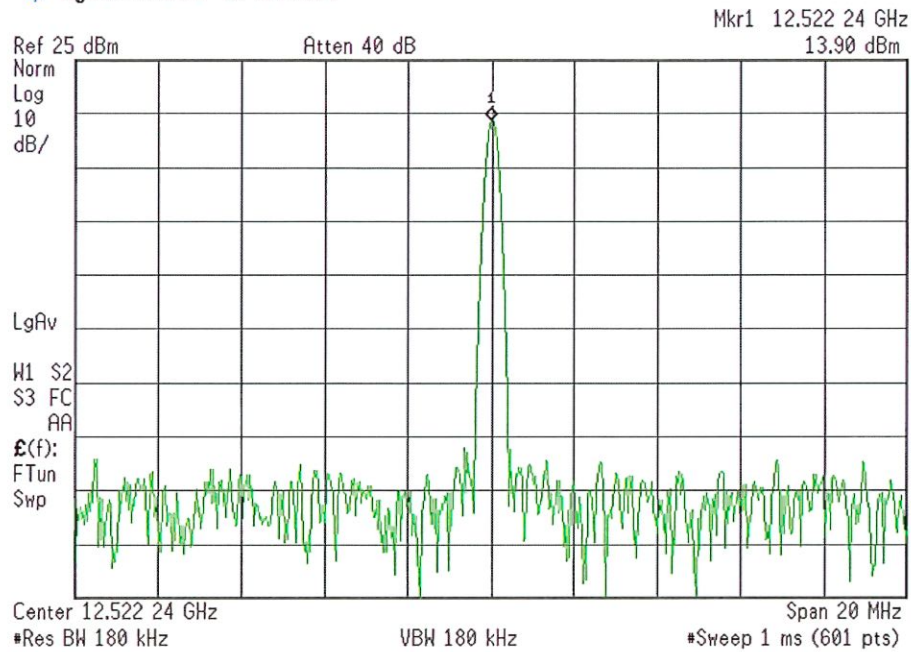


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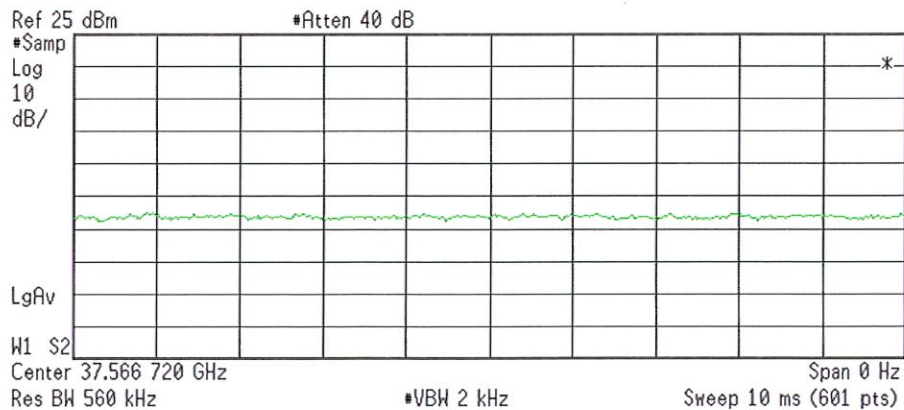
Carrier Signal

* Agilent 15:40:11 20 Jan 2024



Harmonics

* Agilent 12:21:13 20 Jan 2024



	Frequency	Amplitude
1	12.52 GHz	14.20 dBm
2	25.04 GHz	-35.19 dBc
3	37.57 GHz	-45.46 dBc
4	50.09 GHz	-42.54 dBc

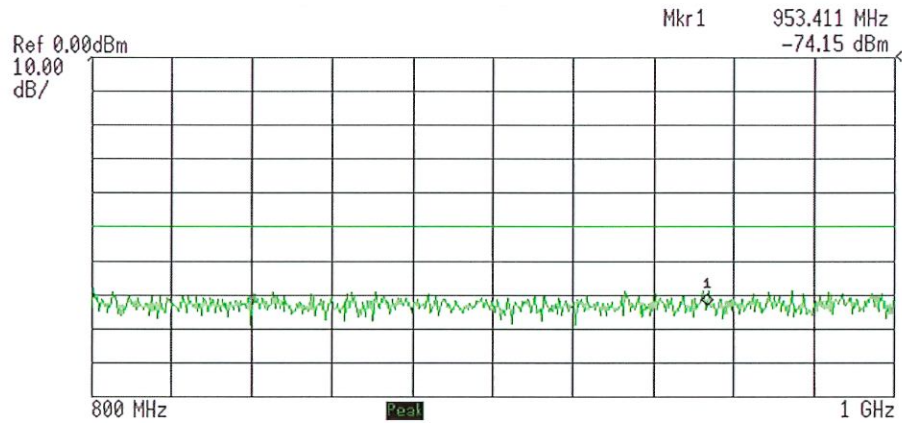


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Spurious

* Agilent 12:22:52 20 Jan 2024



Spur	Range	Frequency	Amplitude	Limit
18	2	1.913 GHz	-78.58 dBm	-50.00 dBm
19	2	1.912 GHz	-78.66 dBm	-50.00 dBm
20	2	1.910 GHz	-78.81 dBm	-50.00 dBm
21	4	2.175 GHz	-83.43 dBm	-50.00 dBm
22	5	953.4 MHz	-67.95 dBm	-50.00 dBm