



**SUMMARY TEST DATA
ON
PDRO-7519R95M-13DBM-SFF-ROHS**

PL41441/2330

Customer: _____ Tested By: K Craven
SO No: _____ Temperature: +25°C
Model No: PDRO-7519R95M-13DBM-SFF-ROHS Date: 7/25/23
Serial No: PL41441/2330 Drawing No: 27643860 Rev: A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	VALUE MEASURED	REMARKS QA/QC
1	Frequency Range	7519.95 MHz	7519.95 MHz	PMI QA2
2	Reference Frequency	Inner	Inner	
3	Warm-up Time	5 Minutes Max.	Pass	
4	Frequency Accuracy @25°C	+1 ppm Max.	PASS	
5	Frequency Stability	+2 ppm Max. Over operating temp.	PASS	
6	Output Level	+13dBm Min.	14.64 dBm SEE PLOT	
7	Spurious	-80dBc Max.	-80.14 dBc SEE PLOT	
8	Harmonics	-20dBc Max.	-38.34 dBc SEE PLOT	
9	Load VSWR	1.5:1	1.5:1	
10	Phase Noise @25°C	-77dBc/Hz @ 100Hz Max. -107dBc/Hz @ 1kHz Max. -120dBc/Hz @ 10kHz Max. -121dBc/Hz @ 100kHz Max. -137dBc/Hz @ 1 MHz Max. -150dBc/Hz @ 15 MHz Max.	-93dBc/Hz @ 100Hz -116dBc/Hz @ 1kHz -123dBc/Hz @ 10kHz -126dBc/Hz @ 100kHz -142dBc/Hz @ 1 MHz -162dBc/Hz @ 15 MHz	
11	Mechanical Tuning	None	None	
12	Supply Voltage	+15V ±10%	+15V	
13	LOCK DETECTOR VOLTAGE RANGE	0 V – 5 V	Pass	
14	LOCK DETECTOR RANGE	0 V -10 V	Pass	
15	Current	450 mA Max. Steady, 850 mA Max. Surge	320 mA	
16	Lock Detector	TTL High - Lock	PASS	PMI QA2

QA/QC Approval: _____

PMI
QA2

Date: _____

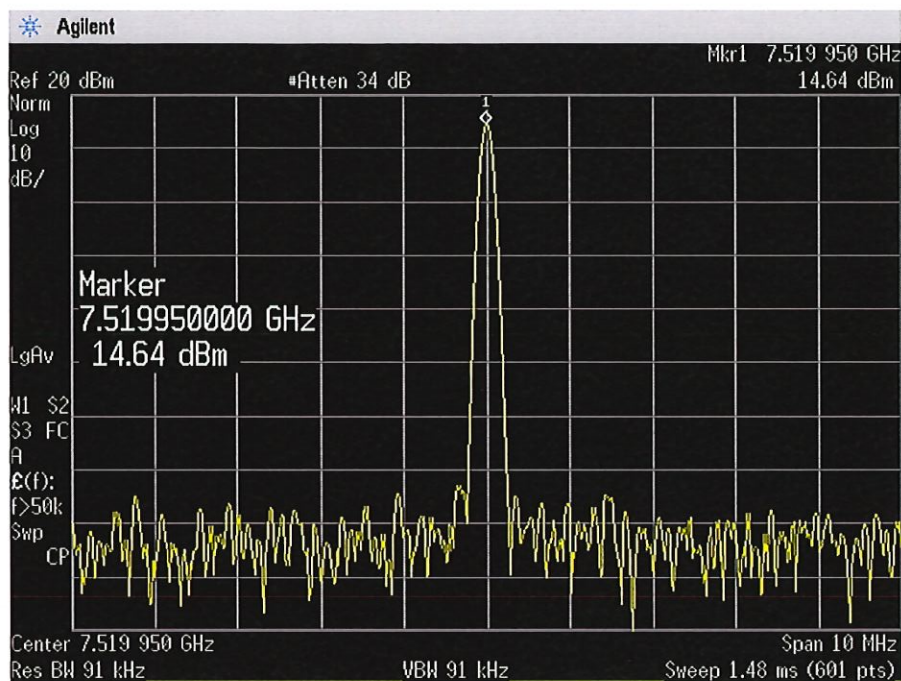
7/26/2023



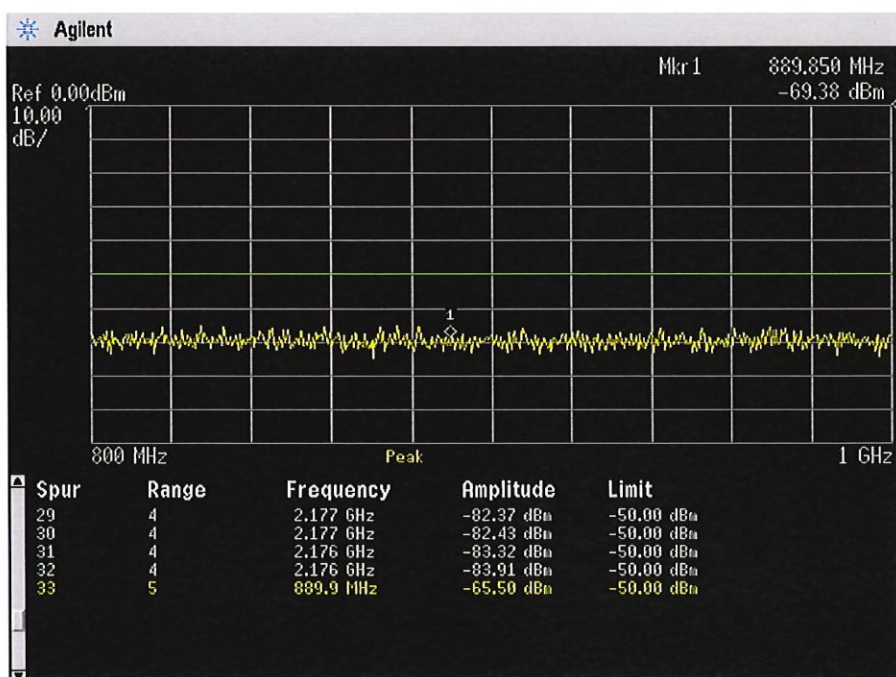
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Carrier Signal



Spurious

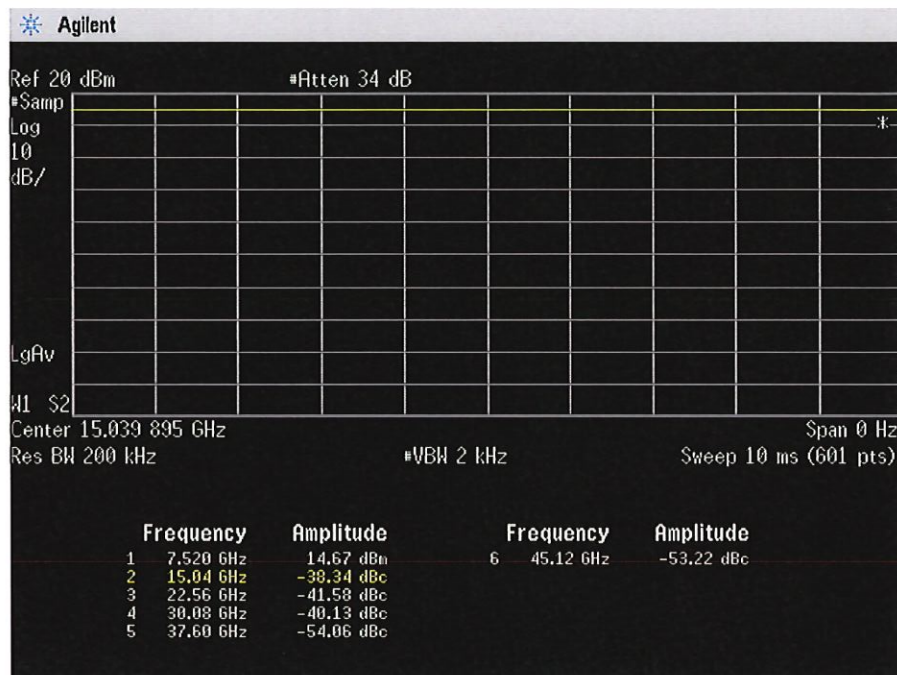




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Harmonics



Phase Noise

