



**SUMMARY TEST DATA
ON
TCDRO-12G-CD-1**

PL31001/2051

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25°C
Model No: TCDRO-12G-CD-1 Date: 12/18/2020
Serial No: PL31001/2051 Drawing No: 27634760 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Center Frequency:	12 GHz	12.0 GHz See Plot	PMI QA 2	
2	Mechanical Tuning Frequency:	±10 MHz	± 12.5 MHz		
3	Output Power:	18 dBm Min.	+19.99 dBm See Plot		
4	Spurious:	-85 dBc Min.	-87.49 dBc		
5	Harmonics:	-25 dBc Min.	-32.57 dBc See Plot		
6	*Phase Noise:	10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -76.36 dBc/Hz 100 kHz Offset = -96.68 dBc/Hz		
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics		
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	84 mA @ +15 VDC		PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: _____

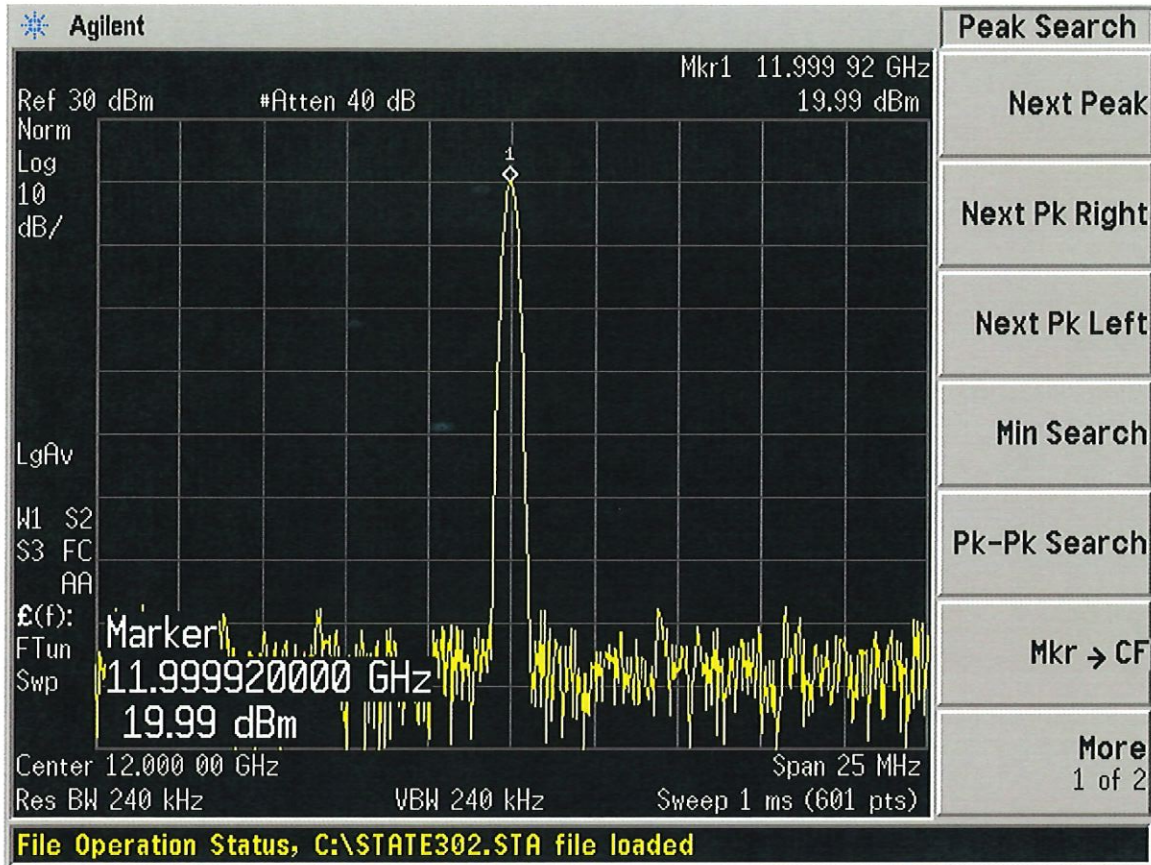
3/16/21



**SUMMARY TEST DATA
ON
TCDRO-12G-CD-1**

PL31001/2051

Carrier

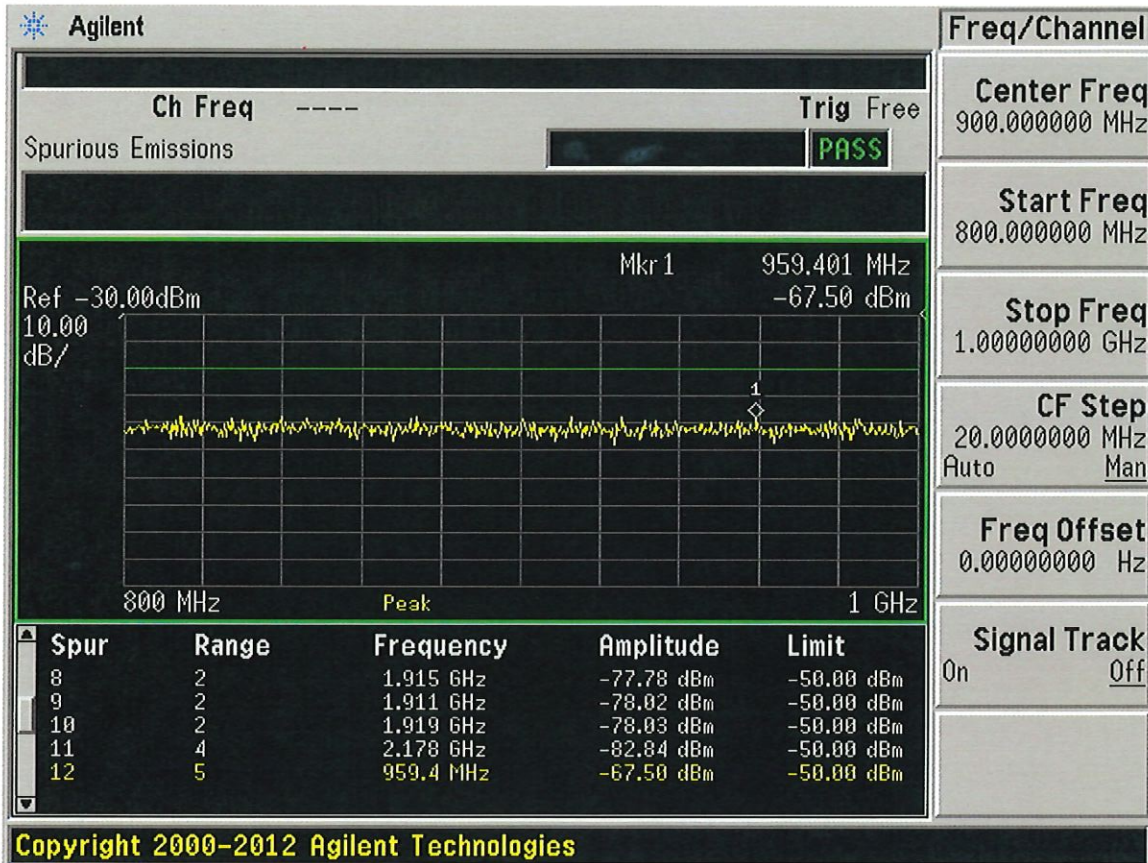




**SUMMARY TEST DATA
ON
TCDRO-12G-CD-1**

PL31001/2051

Spurious





SUMMARY TEST DATA
ON
TCDRO-12G-CD-1

PL31001/2051

Harmonics

Agilent

Ch Freq ---- Trig Free

Harmonic Distortion

Ref 30 dBm #Atten 40 dB

#Samp

Log *
10

dB/

Center 35.999 838 GHz Span 0 Hz

Res BW 1 MHz #VBW 2 kHz Sweep 10 ms (601 pts)

Frequency	Amplitude
1 12.00 GHz	19.94 dBm
2 24.00 GHz	-32.57 dBc
3 36.00 GHz	-26.20 dBc
4 48.00 GHz	-50.16 dBc

File

Catalog

Save

Load

Delete

Copy

Rename

More
1 of 2

File Operation Status, C:\STATE306.STA file loaded



SUMMARY TEST DATA
ON
TCDRO-12G-CD-1

PL31001/2051

Phase Noise

