



**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29815/2031

Customer: \_\_\_\_\_ Tested By: Bryan K.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: TCDRO-16G-CD-1 Date: 12/19/2020  
Serial No: PL29815/2031 Drawing No: 27634780 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Center Frequency:	16 GHz	16.0 GHz See Plot	PMI QA 2
2	Mechanical Tuning Frequency:	±10 MHz	± 12.5 MHz	
3	Output Power:	18 dBm Min.	+20.29 dBm See Plot	
4	Spurious:	-85 dBc Min.	-87.64 dBc	
5	Harmonics:	-25 dBc Min.	-32.24 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -80 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -91.96 dBc/Hz 100 kHz Offset = -113.31 dBc/Hz	
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics	
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	100 mA @ +15 VDC	PMI QA 2

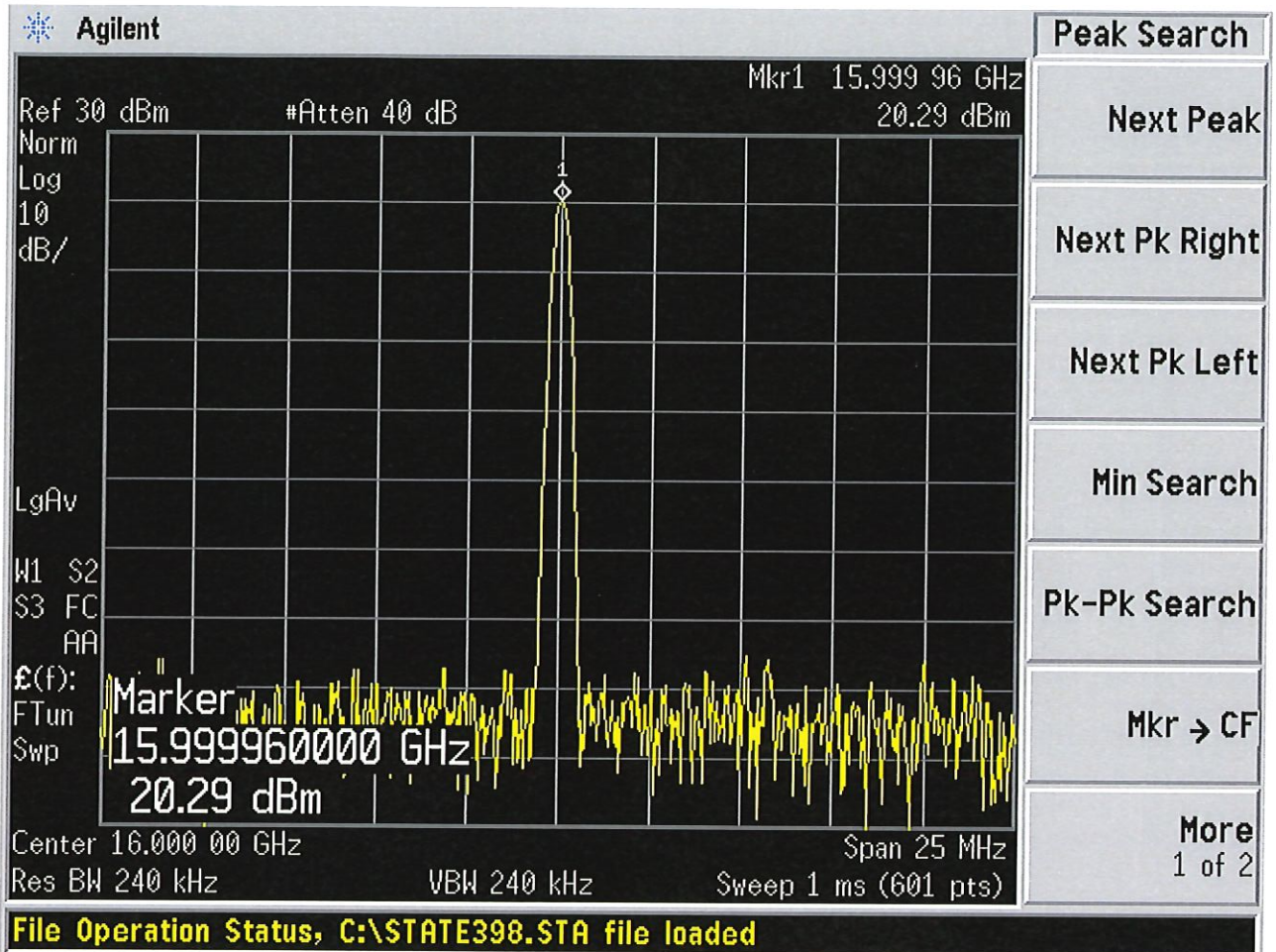
QA/QC Approval:  PMI QA 2 Date: 12/24/20



**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29815/2031

Carrier

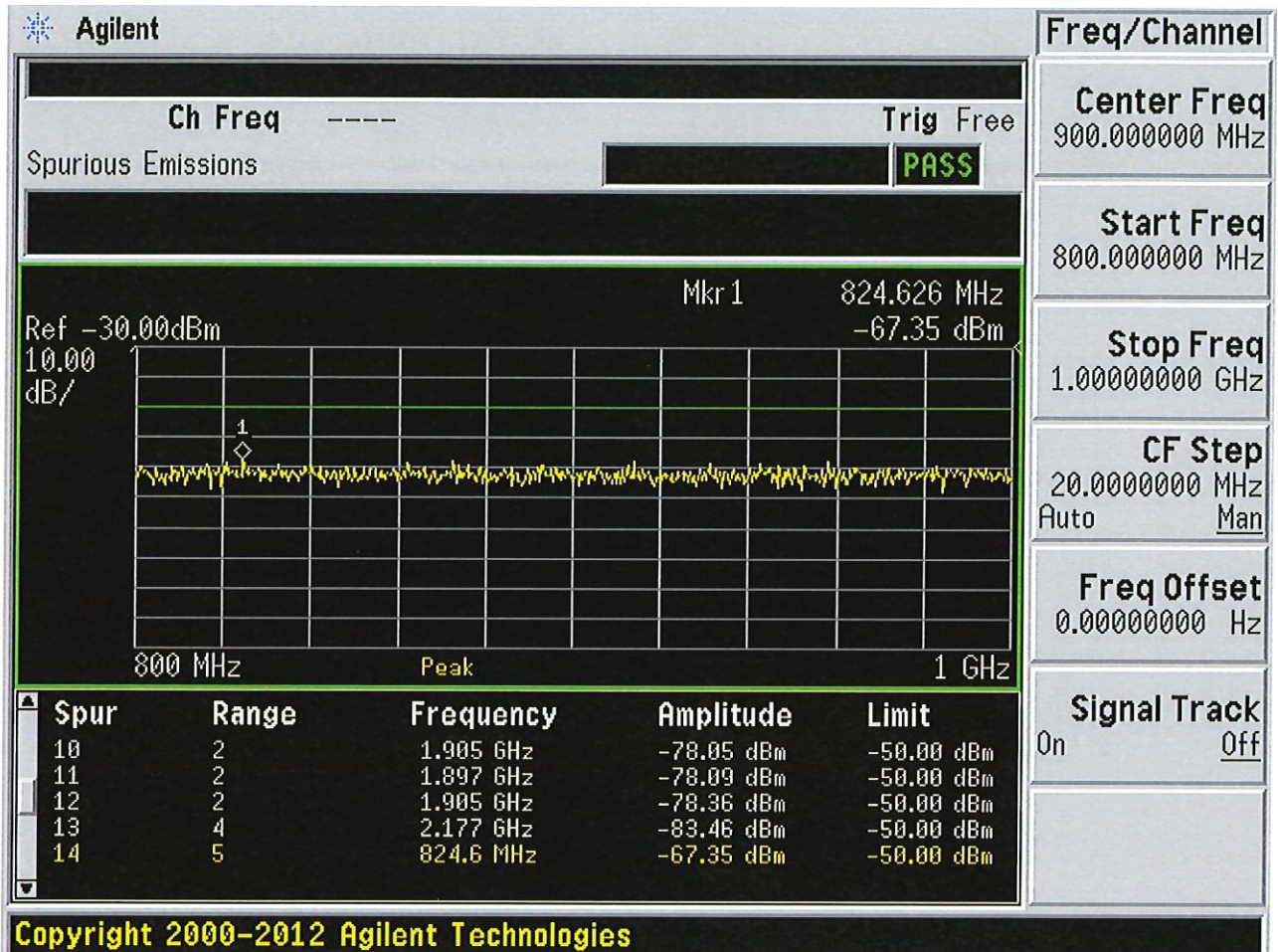




**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29815/2031

Spurious





**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29815/2031

Harmonics

Agilent

Ch Freq ----- Trig Free

Harmonic Distortion

Ref 30 dBm #Atten 40 dB

#Samp

Log

10

dB/

Center 15.999 970 GHz Span 0 Hz

Res BW 240 kHz #VBW 2 kHz Sweep 10 ms (601 pts)

Frequency	Amplitude
1 16.00 GHz	20.27 dBm
2 32.00 GHz	-32.34 dBc
3 48.00 GHz	-54.23 dBc

File

Catalog>

Save>

Load>

Delete>

Copy>

Rename>

More  
1 of 2

File Operation Status, C:\STATE399.STA file loaded



**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29815/2031

Phase Noise

