



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

PL29816/2031

Customer: \_\_\_\_\_ Tested By: Bryan K.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: TCDRO-16G-CD-1 Date: 12/19/2020  
Serial No: PL29816/2031 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.	+19.79 dBm See Plot	
4	Spurious:	-85 dBc Min.	-86.83 dBc	
5	Harmonics:	-25 dBc Min.	-29.19 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -80 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -79.63 dBc/Hz 100 kHz Offset = -103.20 dBc/Hz	
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics	
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	86 mA @ +15 VDC	PMI QA 2

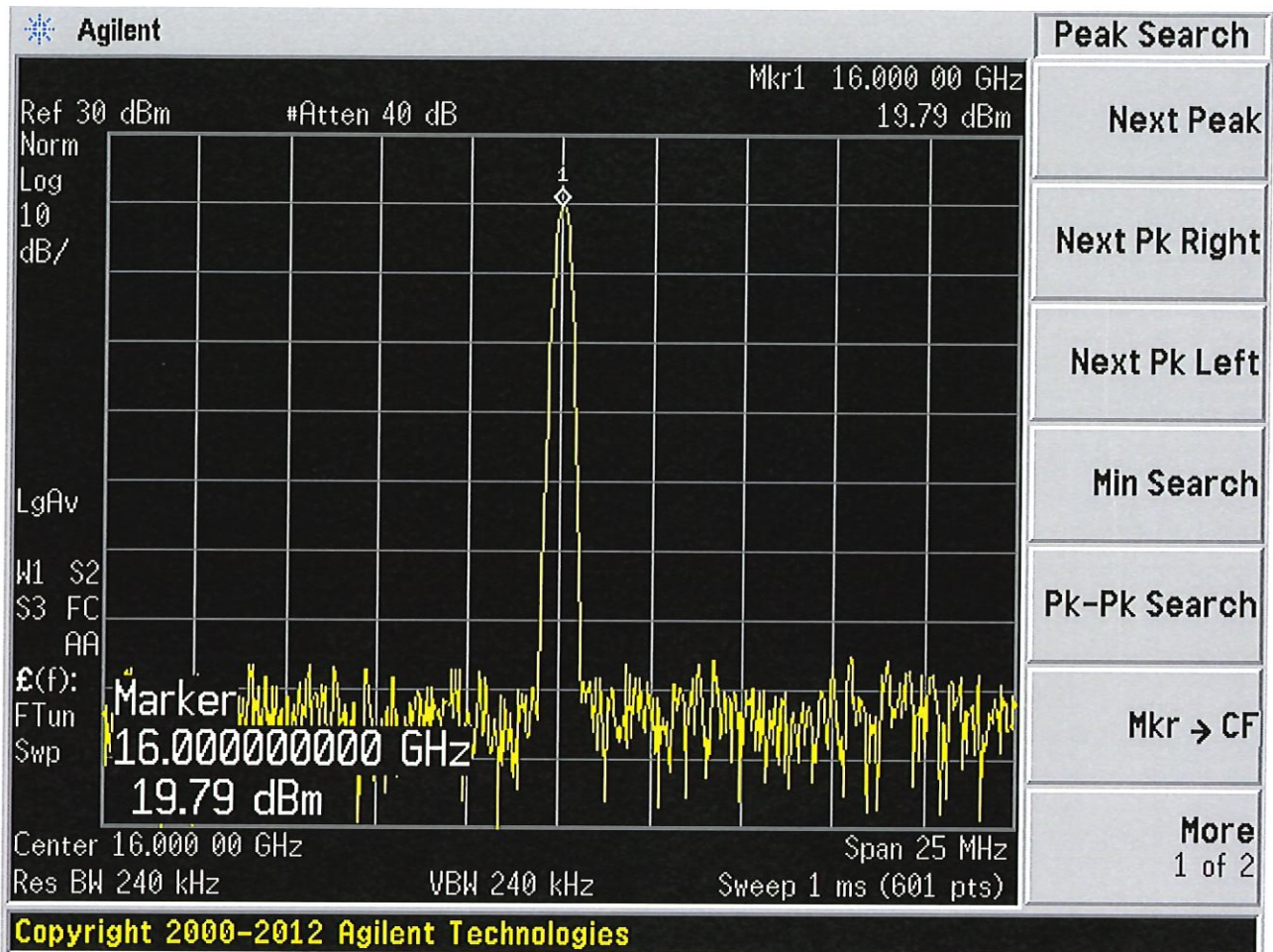
QA/QC Approval:  PMI QA 2 Date: 12/24/20



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

PL29816/2031

Carrier

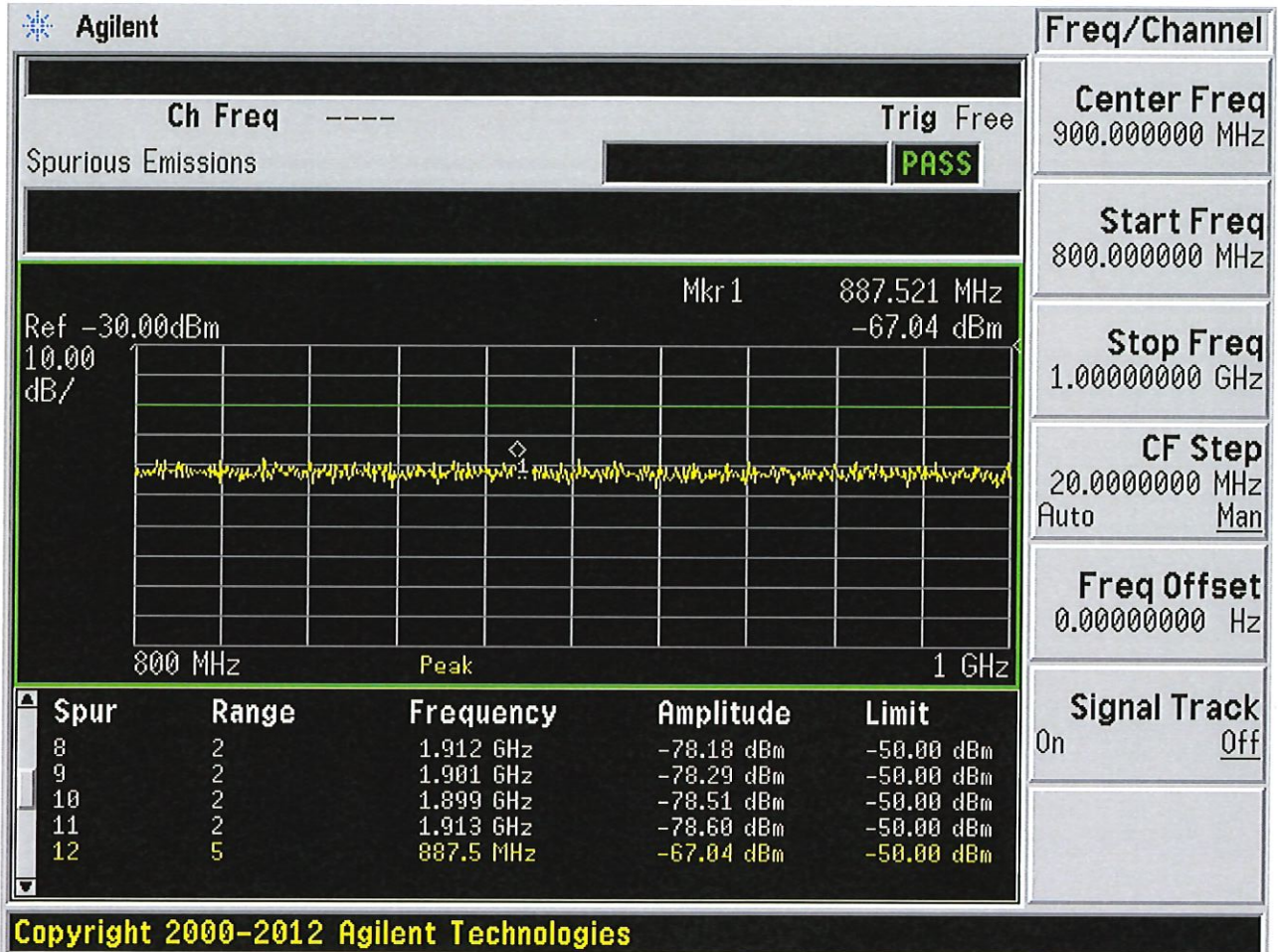




**SUMMARY TEST DATA  
ON  
TCDRO-16G-CD-1**

PL29816/2031

Spurious





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

PL29816/2031

Harmonics

Agilent

Ch Freq ----- Trig Free

Harmonic Distortion

Ref 30 dBm #Atten 40 dB

#Samp

Log

10

dB/

									*

Center 32.000 013 GHz Span 0 Hz

Res BW 510 kHz #VBW 2 kHz Sweep 10 ms (601 pts)

Frequency	Amplitude
1 16.00 GHz	19.77 dBm
2 32.00 GHz	-29.19 dBc
3 48.00 GHz	-38.95 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**

PL29816/2031

Phase Noise

