



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

PL29819/2031

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25°C
Model No: TCDRO-16G-CD-1 Date: 12/19/2020
Serial No: PL29819/2031 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.	-87.67 dBc	
5	Harmonics:	-25 dBc Min.	-32.40 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -80 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -94.60 dBc/Hz 100 kHz Offset = -109.57 dBc/Hz	
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics	
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	99 mA @ +15 VDC	PMI QA 2

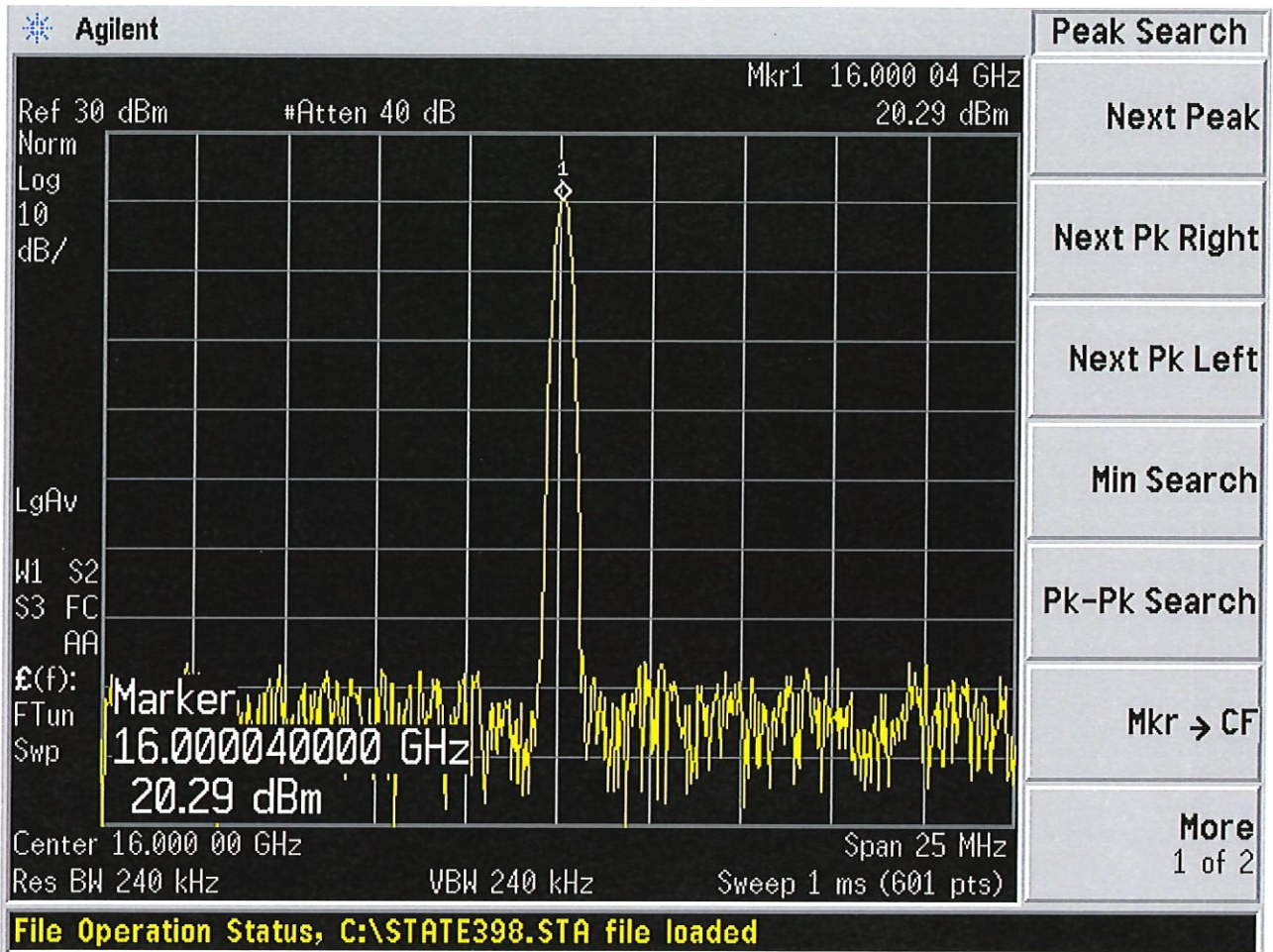
QA/QC Approval:  PMI QA 2 Date: 12/24/20



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Carrier

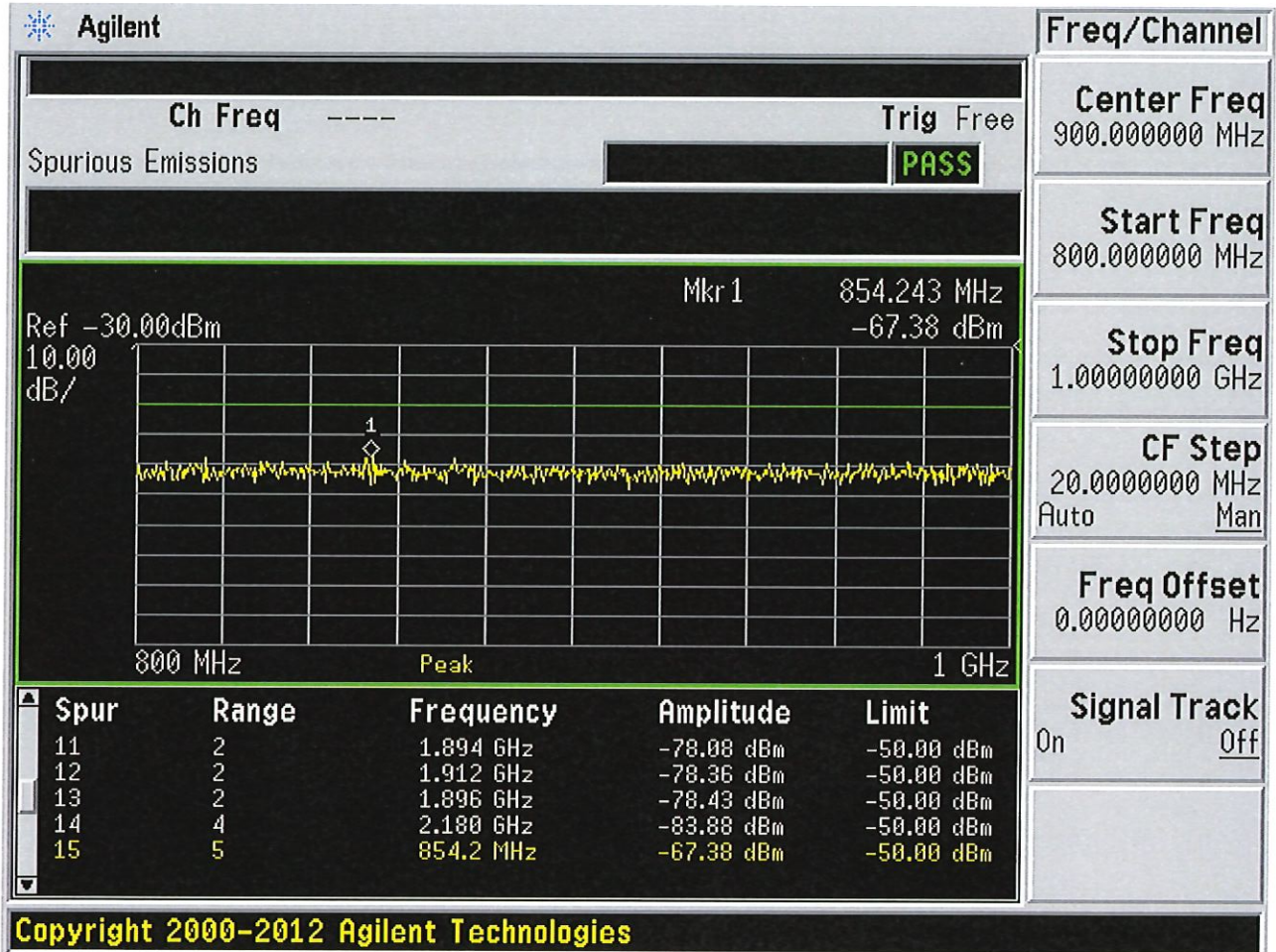




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Spurious





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Harmonics

Agilent File

Ch Freq ----- Trig Free

Harmonic Distortion

Ref 30 dBm #Atten 40 dB

#Samp
Log
10
dB/

									*

Center 16.000 047 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	-32.40 dBc
3 48.00 GHz	-52.98 dBc

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

Catalog>
Save>
Load>
Delete>
Copy>
Rename>
More
1 of 2



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Phase Noise

