



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

PL30994/2051

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25°C
Model No: TCDRO-12G-CD-1 Date: 12/18/2020
Serial No: PL30994/2051 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 QA2	
2	Mechanical Tuning Frequency:	±10 MHz	± 12.5 MHz	↑	
3	Output Power:	18 dBm Min.	+19.98 dBm See Plot		
4	Spurious:	-85 dBc Min.	-86.88 dBc		
5	Harmonics:	-25 dBc Min.	-29.37 dBc See Plot		
6	*Phase Noise:	10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -85.46 dBc/Hz 100 kHz Offset = -99.07 dBc/Hz		
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics		
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	78 mA @ +15 VDC		PMI QA2

QA/QC Approval: 

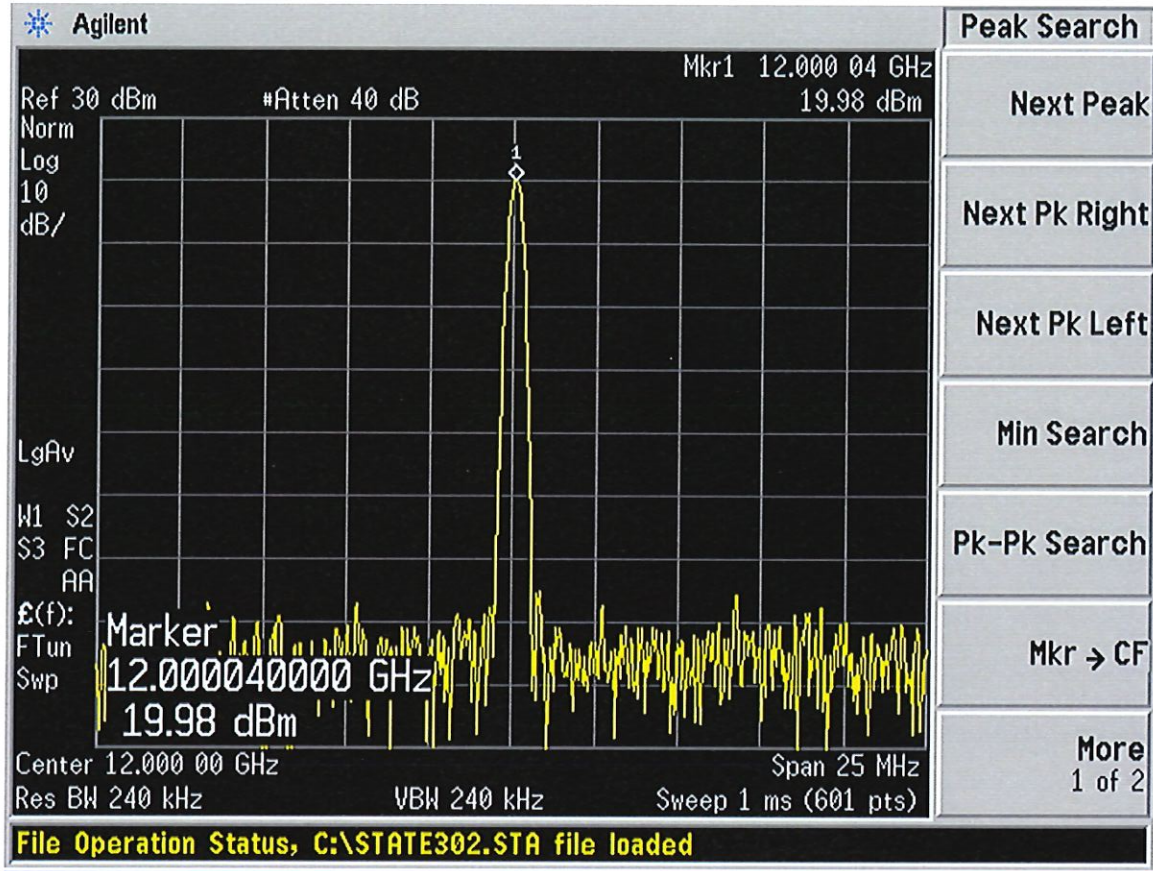
PMI QA2 Date: 3/16/21



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Carrier

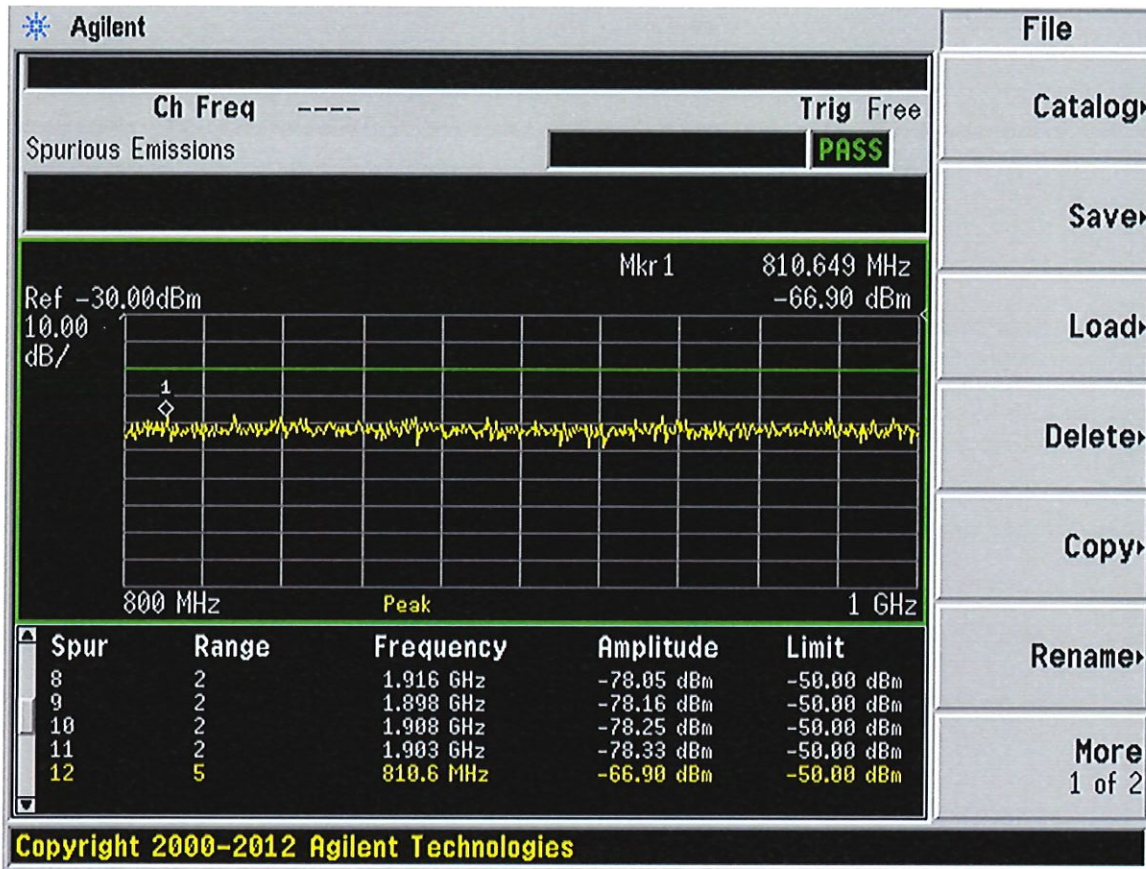




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Spurious





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Harmonics

Agilent

Ch Freq ----- Trig Free

Harmonic Distortion

Ref 30 dBm #Atten 40 dB

#Samp

Log

10

dB/

								*

Center 11.999 986 GHz Span 0 Hz

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

	Frequency	Amplitude
1	12.00 GHz	19.84 dBm
2	24.00 GHz	-29.37 dBc
3	36.00 GHz	-31.35 dBc
4	48.00 GHz	-50.12 dBc

File

Catalog>

Save>

Load>

Delete>

Copy>

Rename>

More
1 of 2

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



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Phase Noise

