



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

Serial No. PL32939/2128

Customer : \_\_\_\_\_ Tested By: **Joel Alexis**  
SO No: \_\_\_\_\_ Temperature: **+25°C**  
Model No: **TCDRO-12G-CD-1** Date: **7/13/2021**  
Serial No: **PL32939/2128** Drawing No: **27434760** 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.	19.45 dBm See Plot	
4	Spurious:	-85 dBc Min.	-87.41 dBc	
5	Harmonics:	-25 dBc Max.	-43.66 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -95.28 dBc/Hz 100 kHz Offset = -117.28 dBc/Hz	
7	Frequency Drift Temperature Coefficient :	0.8 ppm/°C	See typical characteristics	
9	DC Supply:	+15±0.5 VDC @ 200 mA Max	1 mA @ +15 VDC	PMI QA 2

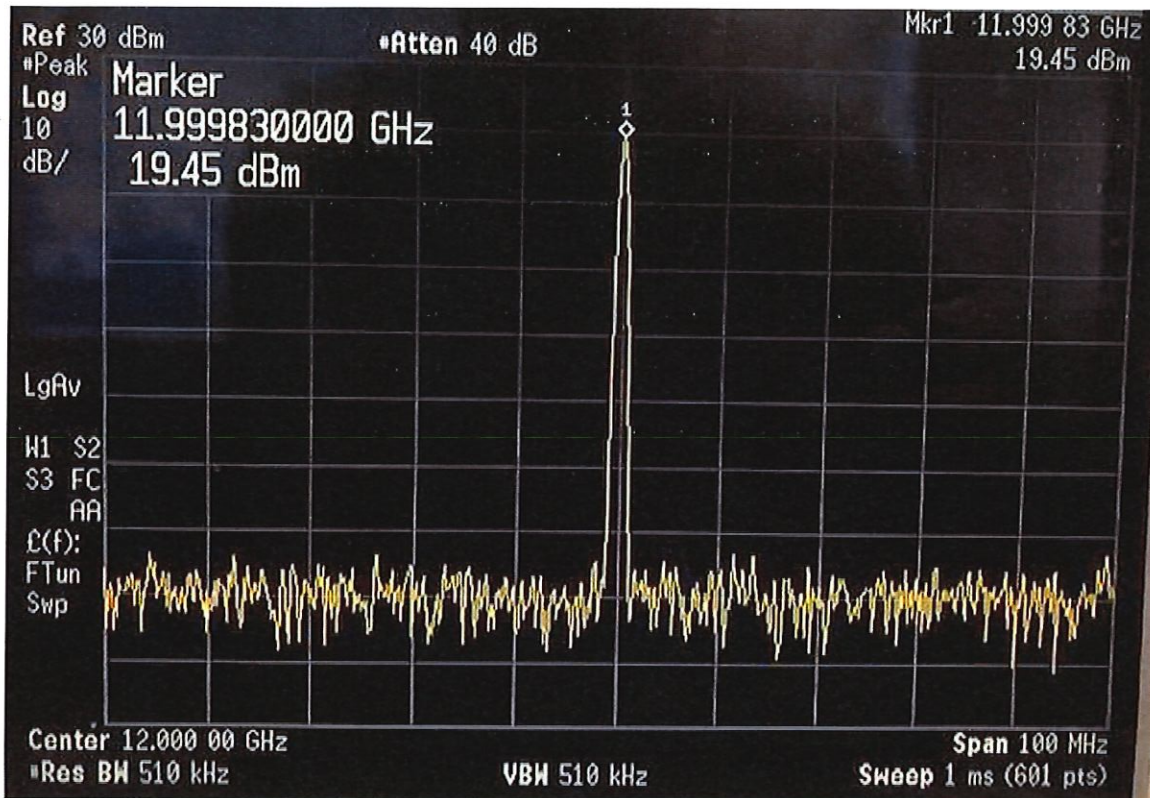
QA/QC Approval:  PMI QA 2 Date: 7/19/2021



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Carrier

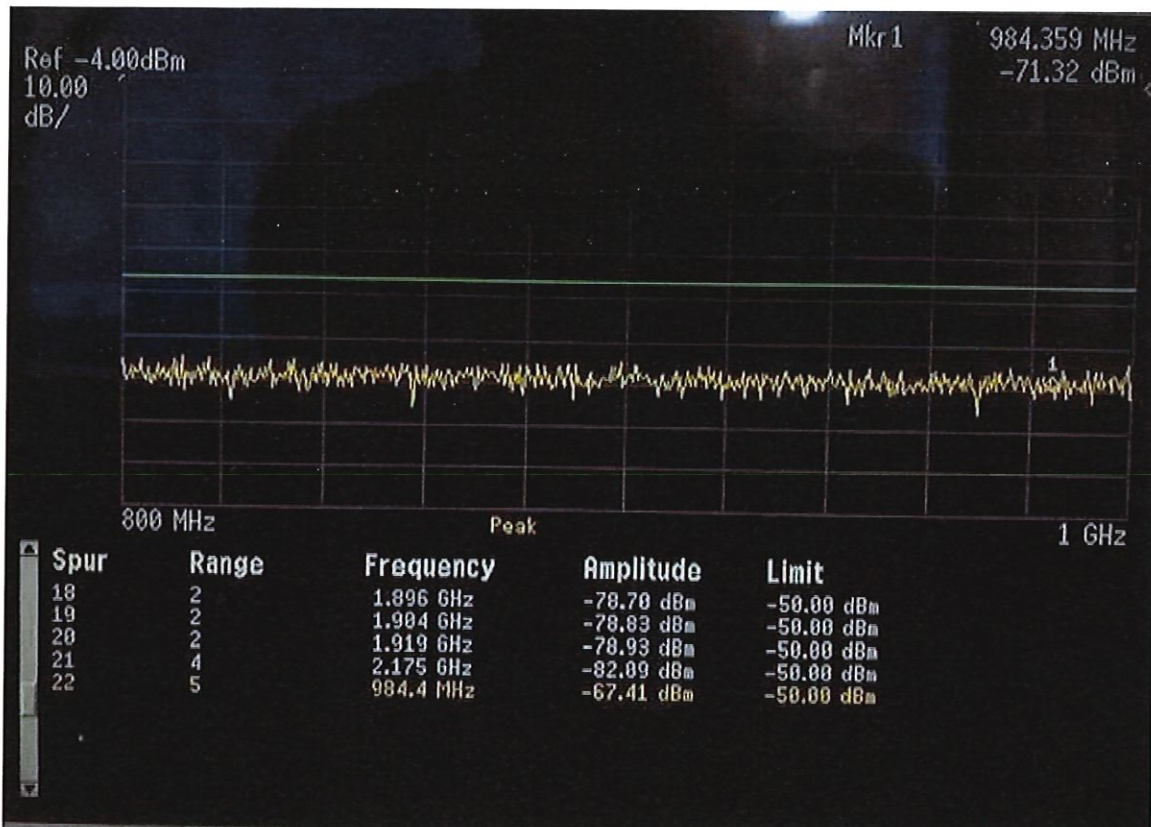




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Spurious

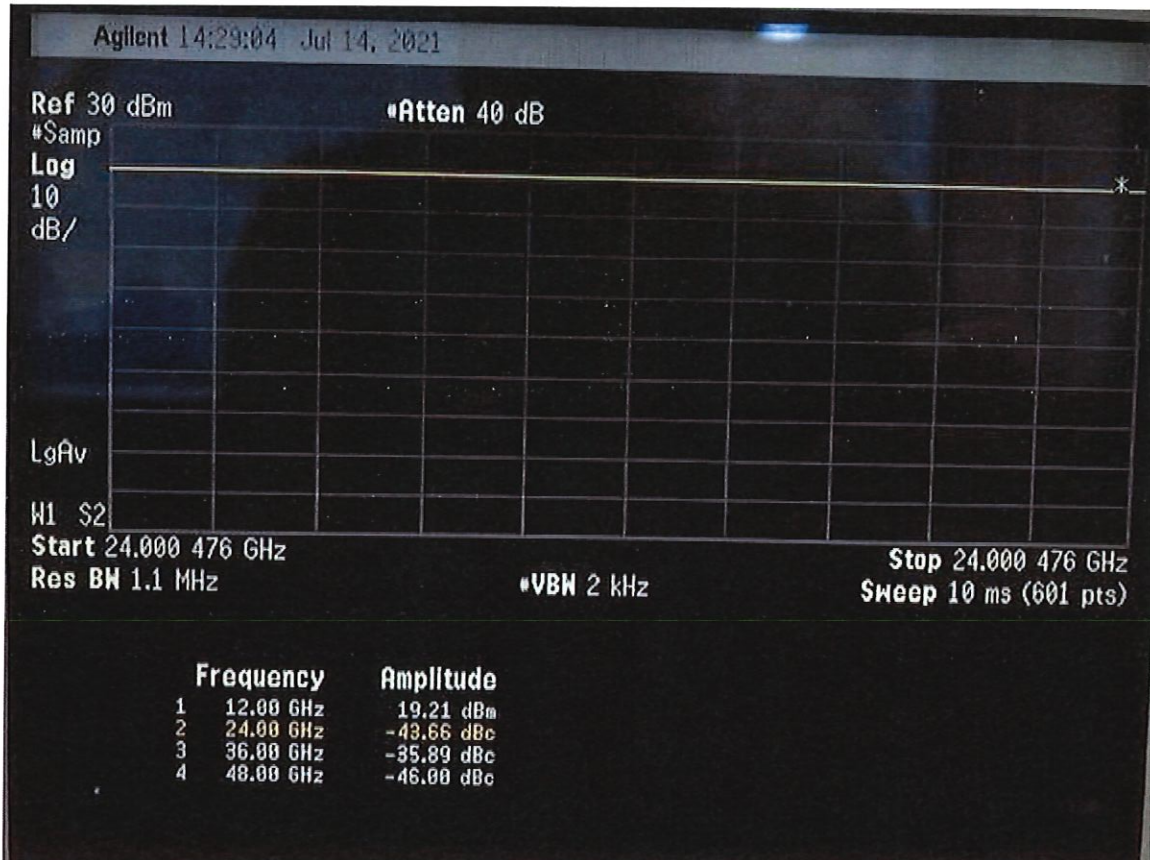




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**Harmonics**





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Phase Noise

