



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

Serial No. PL32941/2128

Customer : _____
SO No: _____
Model No: TCDRO-12G-CD-1
Serial No: PL32941/2128

Tested By: Joel Alexis
Temperature : +25°C
Date: 7/13/2021
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 1
2	Mechanical Tuning Frequency:	±10 MHz	± 12.5 MHz	
3	Output Power:	18 dBm Min.	20.78 dBm See Plot	
4	Spurious:	-85 dBc Min.	-88.22dBc	
5	Harmonics:	-25 dBc Max.	-30.37 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -98.50 dBc/Hz 100 kHz Offset = -113.34 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	

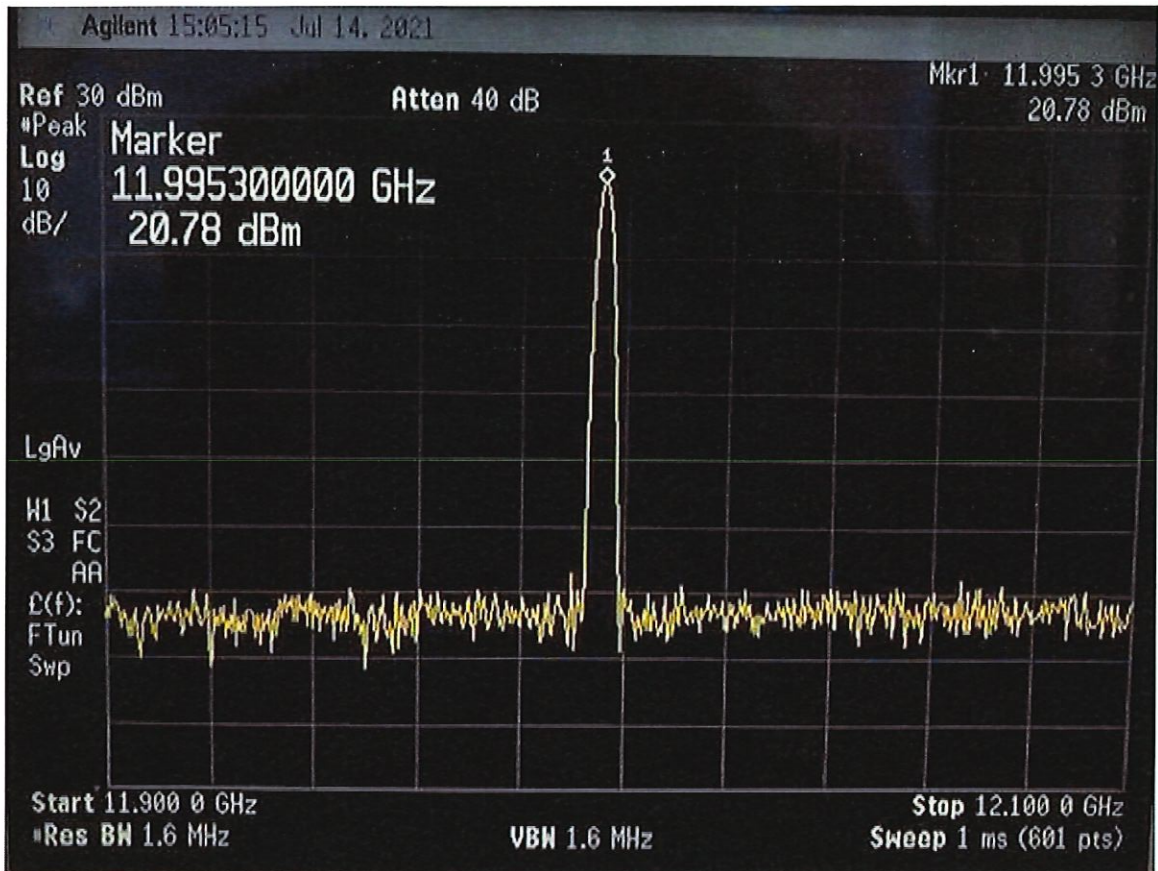
QA/QC Approval:  PMI QA 2 Date: 7/19/2021



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Carrier

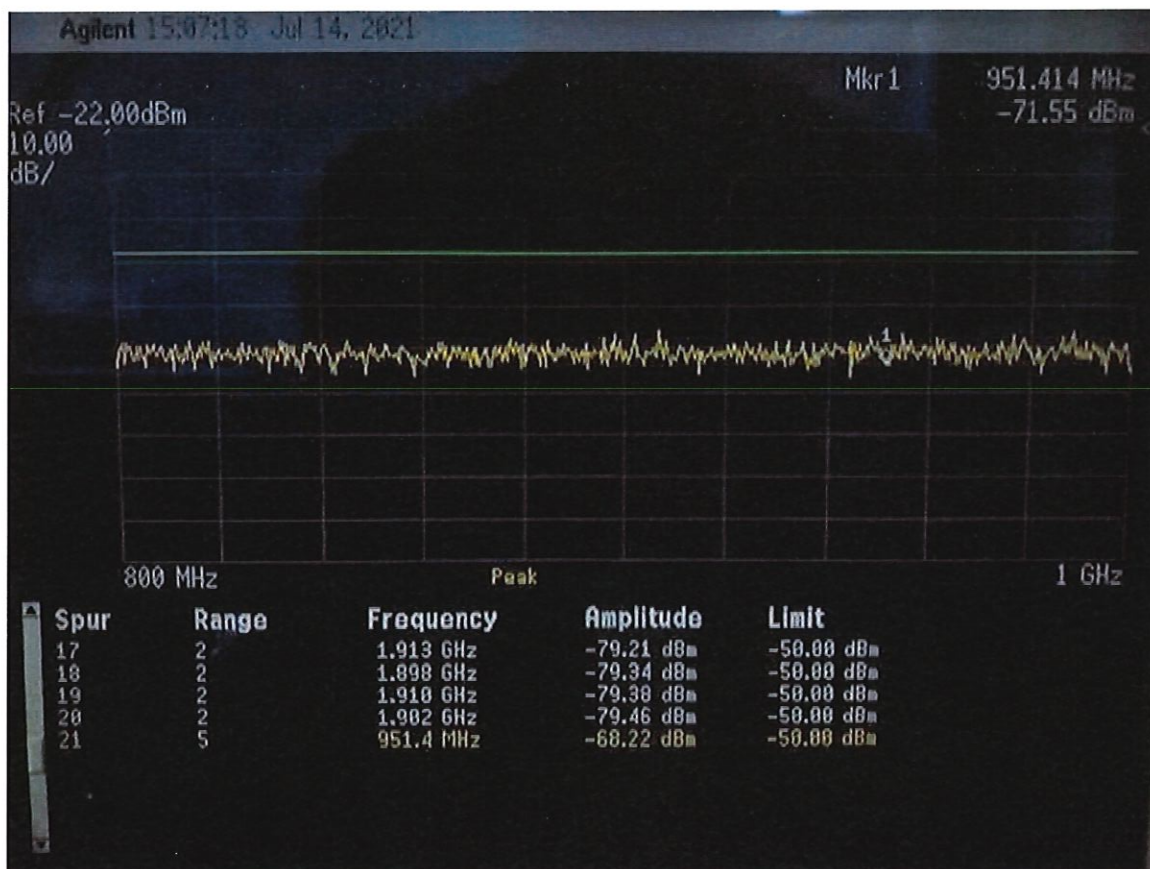




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Spurious

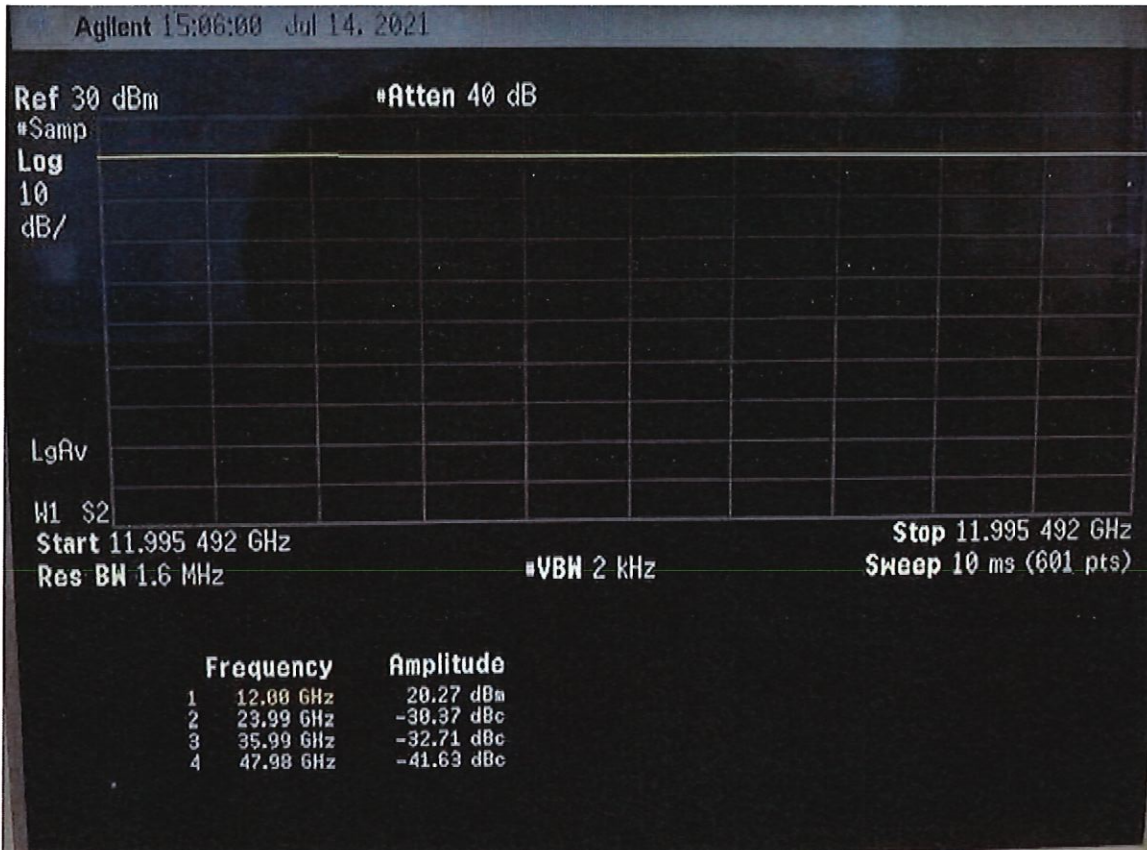




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Harmonics





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Phase Noise

