



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

Serial No. PL32928/2128

Customer : _____	Tested By: Joel Alexis
SO No: _____	Temperature: +25°C
Model No: TCDRO-12G-CD-1	Date: 7/13/2021
Serial No: PL32928/2128	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.	19.41 dBm See Plot	
4	Spurious:	-85 dBc Min.	-88.39 dBc	
5	Harmonics:	-25 dBc Max.	-37.69 dBc See Plot	
6	*Phase Noise:	10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz	10 kHz Offset = -91.36 dBc/Hz 100 kHz Offset = -114.26 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

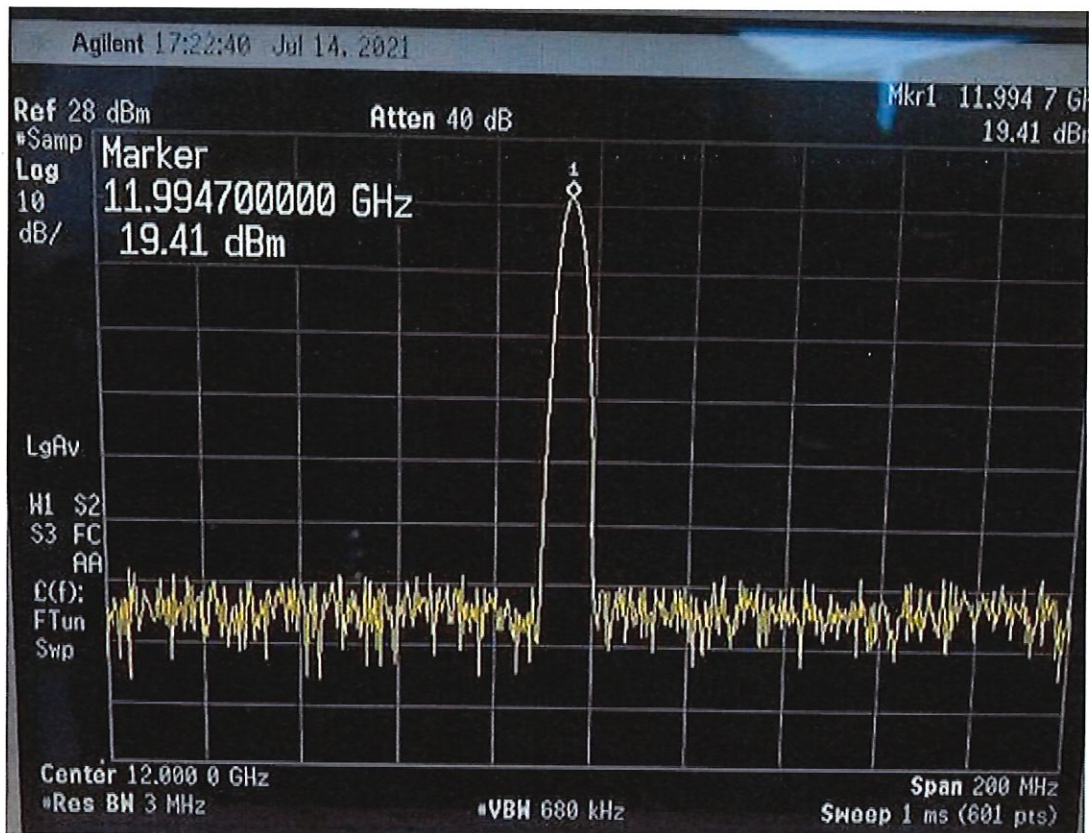
QA/QC Approval:  PMI QA 2 Date: 7/19/2021



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Carrier



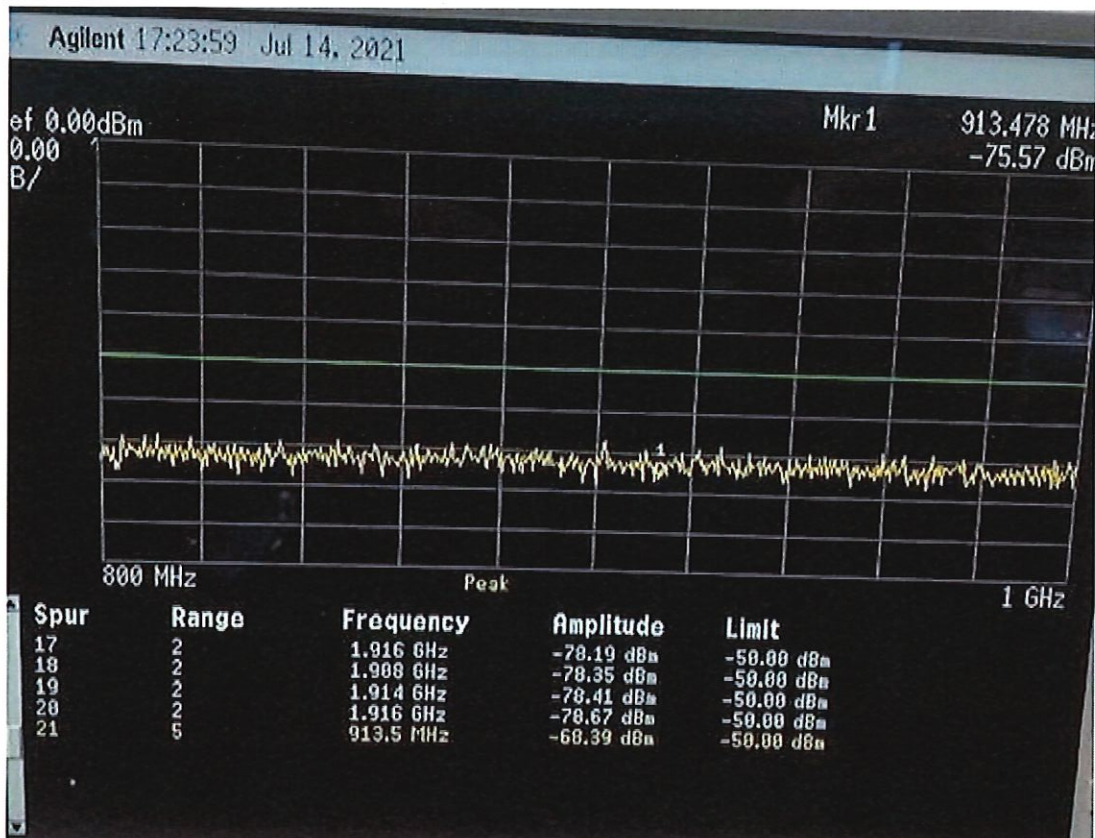
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



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Spurious

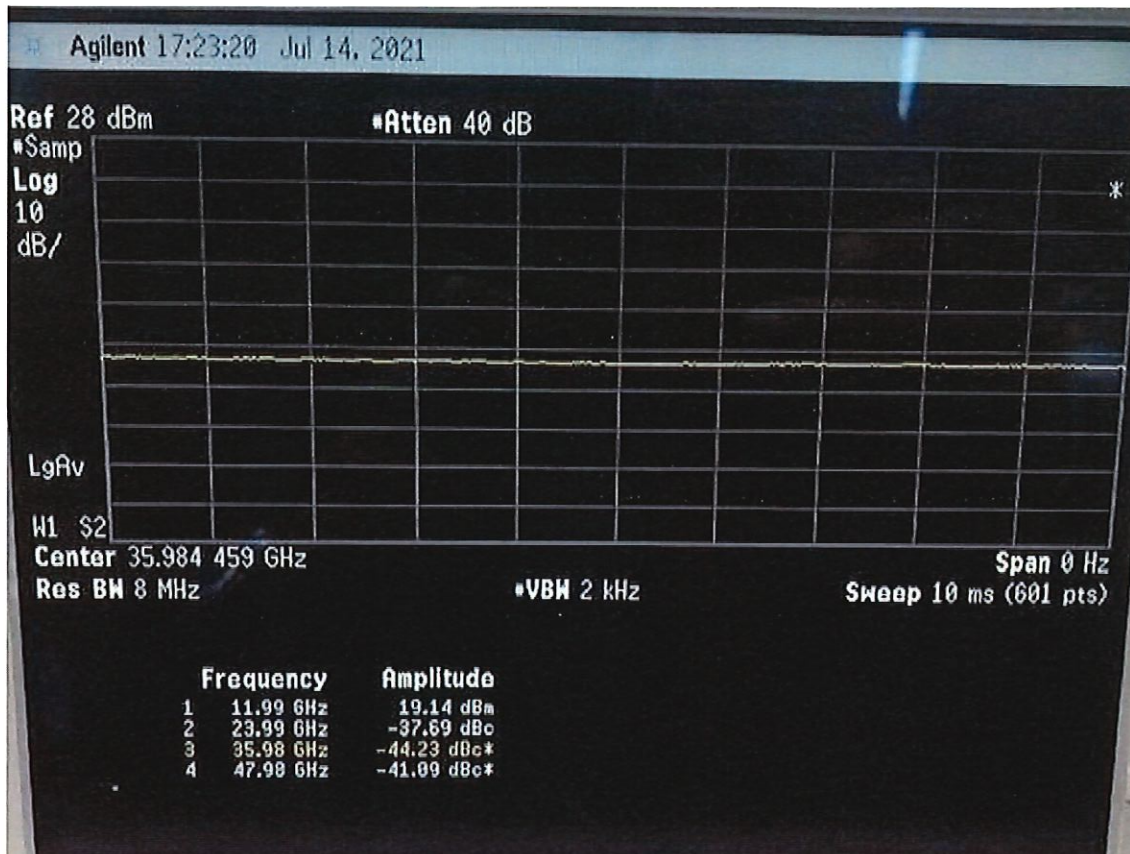




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Harmonics





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Phase Noise

