



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

Serial No. PL32934/2128

| | |
|---------------------------------|---|
| Customer : _____ | Tested By: Joel Alexis |
| SO No: _____ | Temperature: +25°C |
| Model No: TCDRO-12G-CD-1 | Date: 7/13/2021 |
| Serial No: PL32934/2128 | 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. | 20.80 dBm See Plot | |
| 4 | Spurious: | -85 dBc Min. | -87.26 dBc | |
| 5 | Harmonics: | -25 dBc Max. | -27.57 dBc See Plot | |
| 6 | *Phase Noise: | 10 kHz Offset = -90 dBc/Hz 100 kHz Offset = -95 dBc/Hz | 10 kHz Offset = -95.14 dBc/Hz 100 kHz Offset = -113.97 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 |

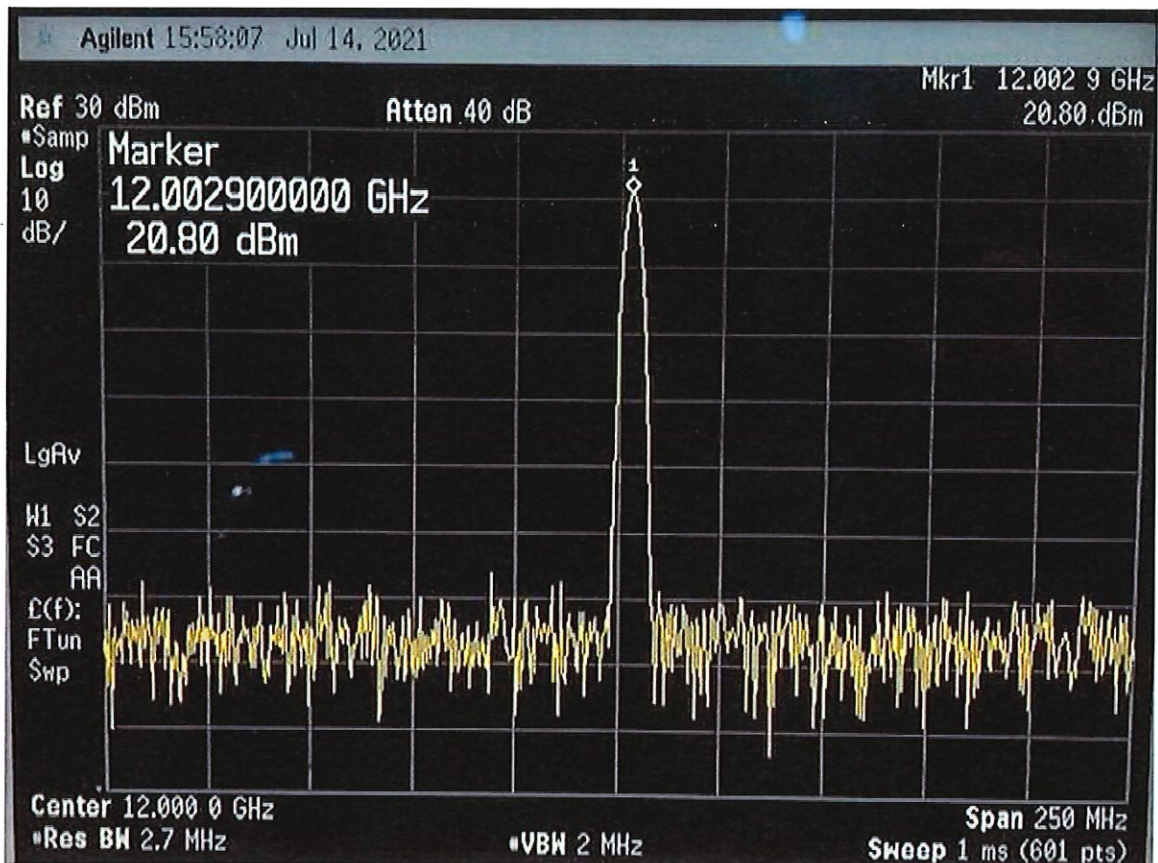
QA/QC Approval: _____ PMI QA 2 Date: 7/19/2021



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Carrier

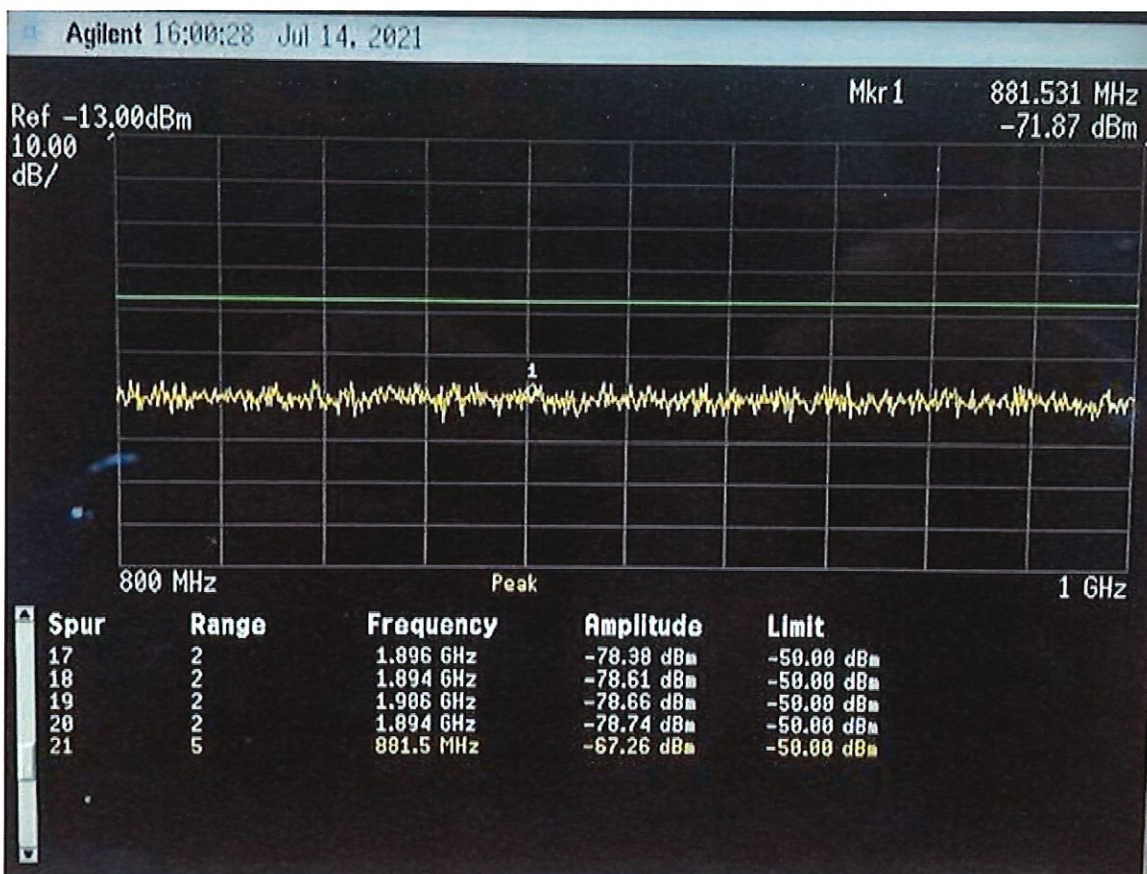




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Spurious

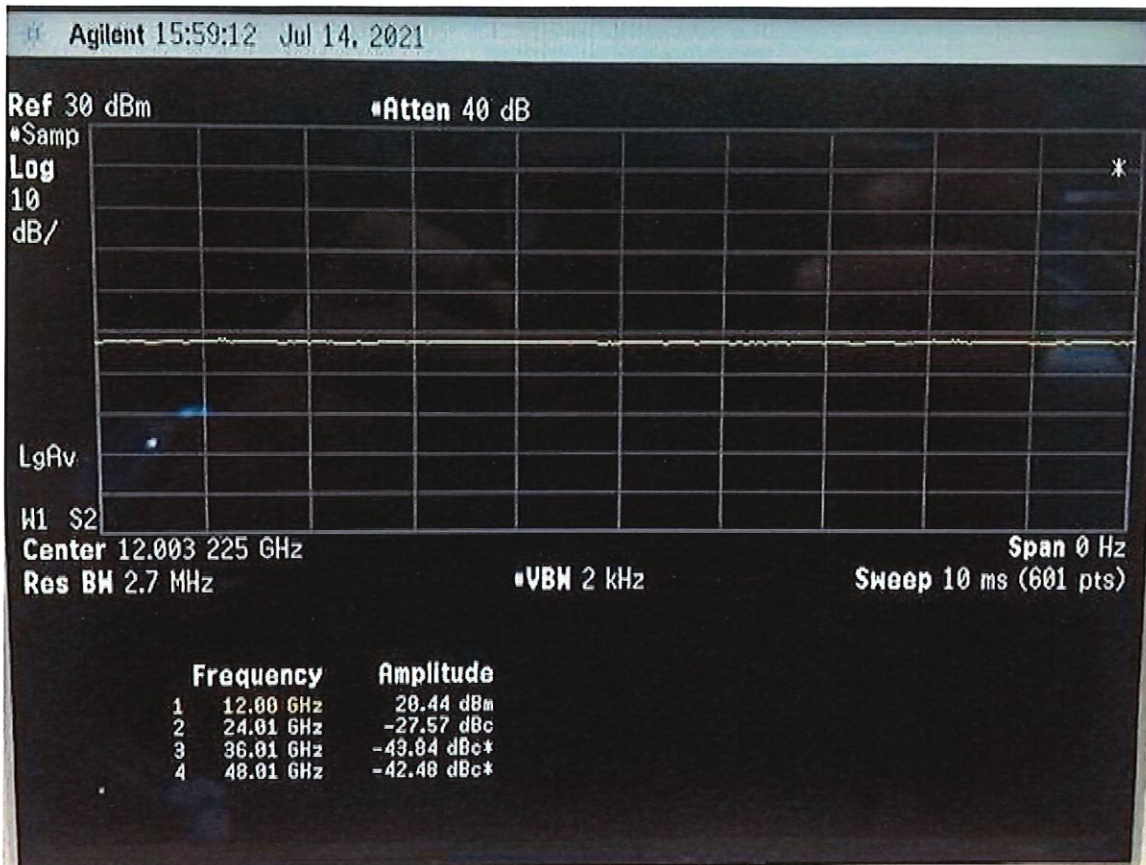




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Harmonics





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Phase Noise

