



**SUMMARY TEST DATA
ON
TCDRO-16G-CD-1**

PL31051/2052

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25°C
Model No: TCDRO-16G-CD-1 Date: 3/12/2021
Serial No: PL31051/2052 Drawing No: 27634780 Rev: A1

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---------------|---|---|--|-------------|
| 1 | Center Frequency: | 16 GHz | 16.0 GHz See Plot | PMI QA 2 |
| 2 | Mechanical Tuning Frequency: | ±10 MHz | ± 12.5 MHz | |
| 3 | Output Power: | 18 dBm Min. | +19.56 dBm See Plot | |
| 4 | Spurious: | -85 dBc Min. | -87.64 dBc | |
| 5 | Harmonics: | -25 dBc Min. | -30.91 dBc See Plot | |
| 6 | *Phase Noise: | 10 kHz Offset = -80 dBc/Hz 100 kHz Offset = -95 dBc/Hz | 10 kHz Offset = -81.97 dBc/Hz 100 kHz Offset = -101.11 dBc/Hz | |
| 7 | Frequency Drift Temperature Coefficient : | 0.8 ppm/°C | See typical characteristics | |
| 9 | DC Supply: | +15±0.5 VDC @ 200 mA Max | 94 mA @ +15 VDC | PMI QA 2 |

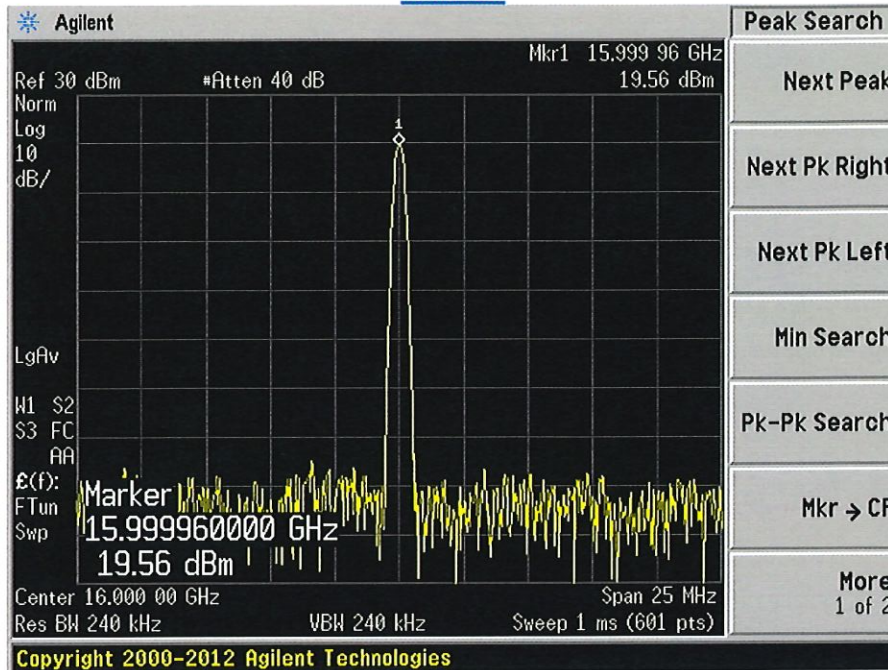
QA/QC Approval:   PMI QA 2 Date: 3/13/21



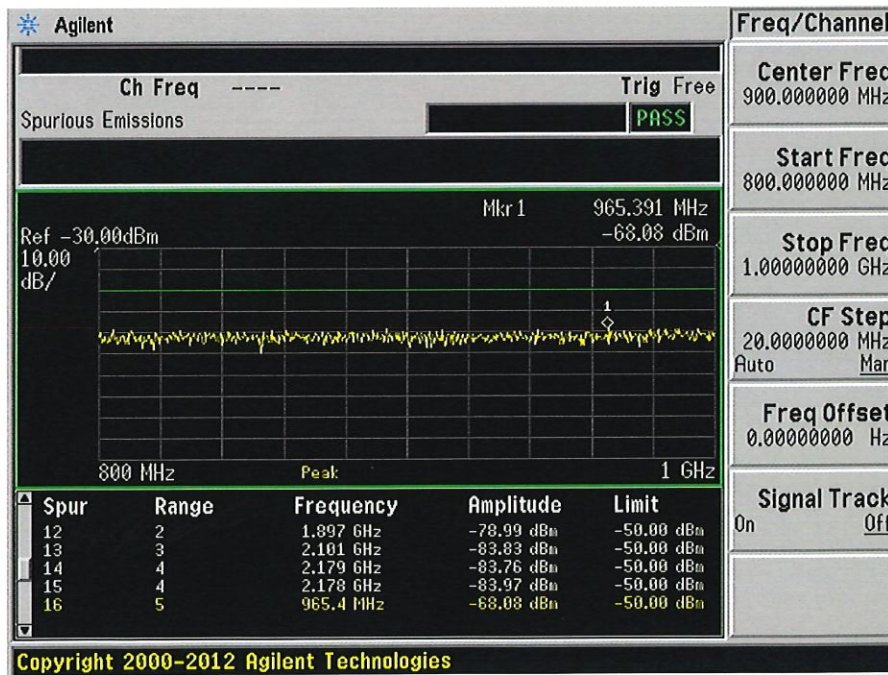
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Carrier



Spurious

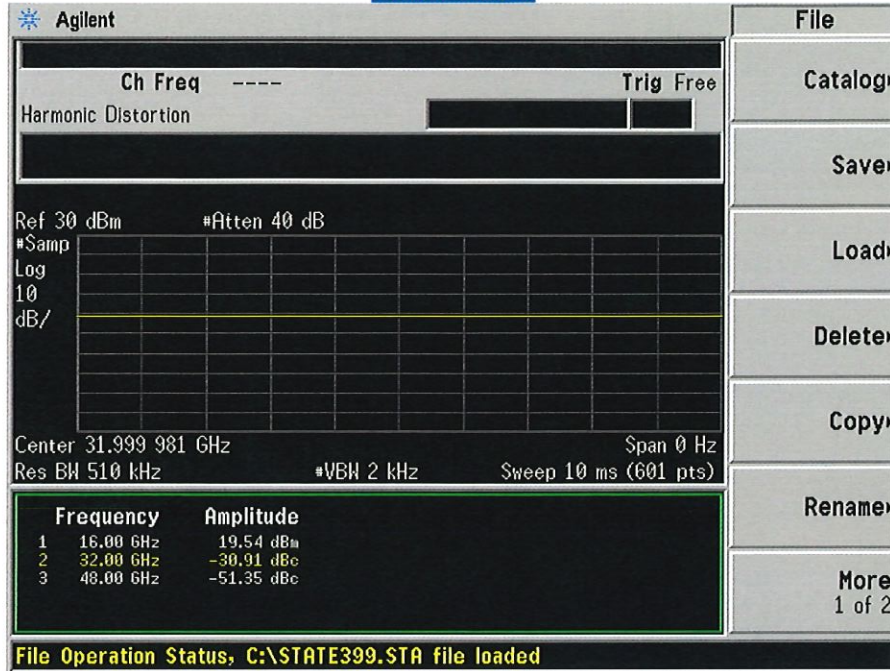




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Harmonics



Phase Noise

