



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

PL29816/2031

| | |
|---------------------------------|--|
| Customer: _____ | Tested By: <u>S. HERATY, G.RADTKE</u> |
| SO No: _____ | Temperature: <u>+25°C</u> |
| Model No: <u>TCDRO-16G-CD-1</u> | Date: <u>07/30/20</u> |
| Serial No: <u>PL29816/2031</u> | Drawing No: <u>27634780</u> Rev: <u>A1</u> |

| 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. | +21.55 dBm See Plot | | |
| 4 | Spurious: | -85 dBc Min. | -88.44 dBc | | |
| 5 | Harmonics: | -25 dBc Min. | -26.3 dBc See Plot | | |
| 6 | *Phase Noise: | 10 kHz Offset = -80 dBc/Hz 100 kHz Offset = -95 dBc/Hz | 10 kHz Offset = -119 dBc/Hz 100 kHz Offset = -123 dBc/Hz | | |
| 7 | Frequency Drift Temperature Coefficient : | 0.8 ppm/°C | See typical characteristics | | |
| 9 | DC Supply: | +15±0.5 VDC @ 200 mA Max | 100 mA @ +15 VDC | | PMI QA 2 |

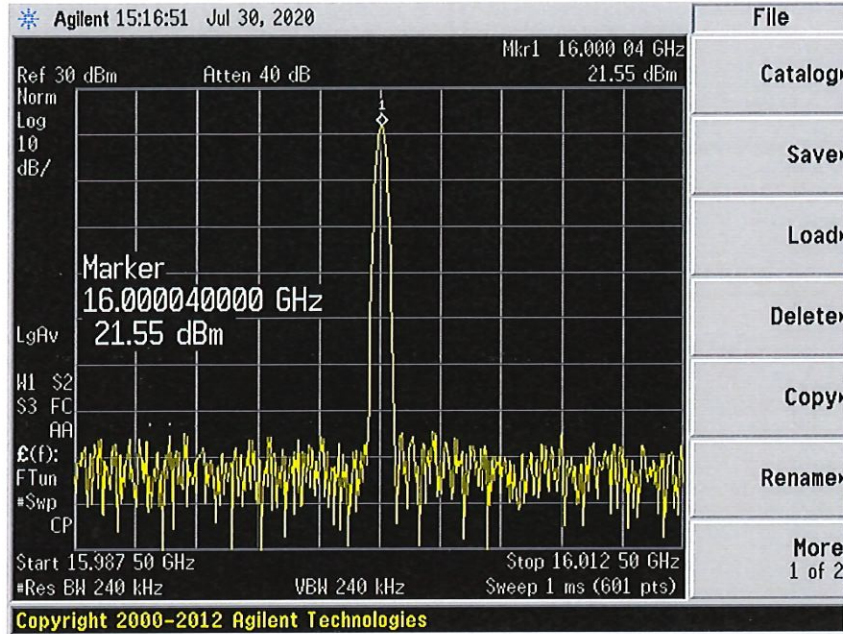
QA/QC Approval: PMI
QA 2 Date: 7.31.2020



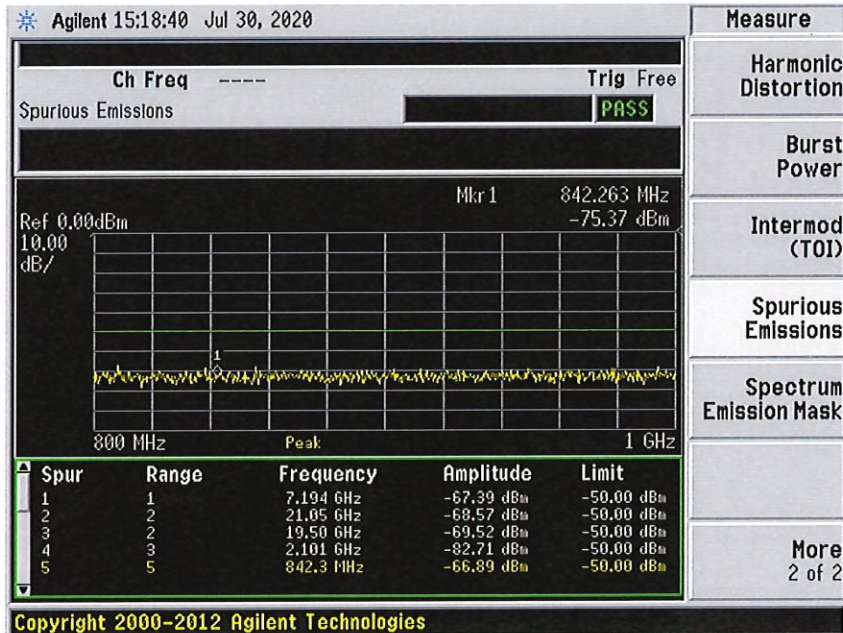
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Carrier



Spurious

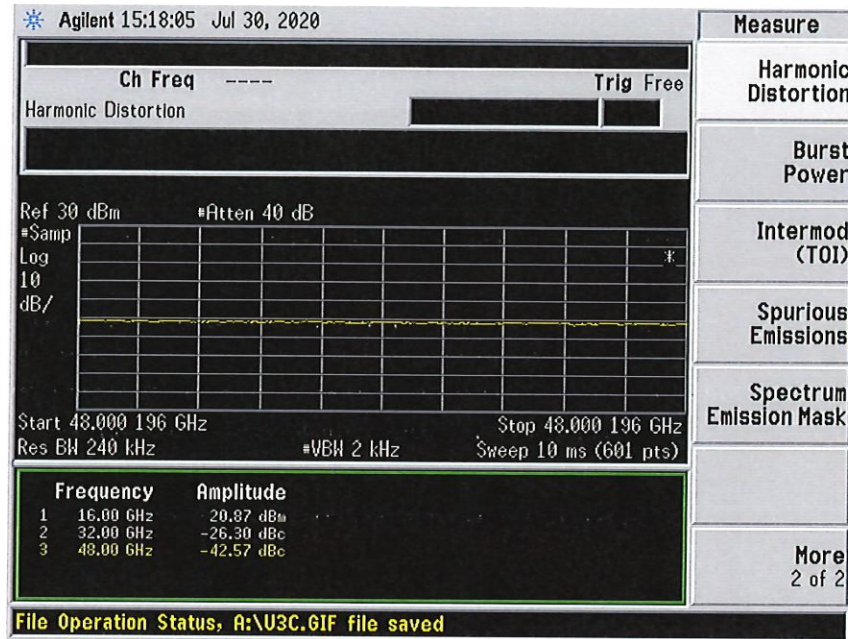




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Harmonics



Phase Noise

