



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

PL29817/2031

Customer: \_\_\_\_\_ Tested By: S. HERATY, G.RADTKE  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: TCDRO-16G-CD-1 Date: 07/30/20  
Serial No: PL29817/2031 Drawing No: 27634780 Rev: A1

| TEST. ITEM NO | PARAMETERS                                | SPECIFIED VALUE   | TEST RESULTS  | QA QC       |
|---------------|---|---|---|-------------|
| 1             | Center Frequency:                         | 16 GHz  | 16.0 GHz<br>See Plot  | PMI<br>QA 2 |
| 2             | Mechanical Tuning Frequency:              | ±10 MHz   | ± 12.5 MHz  |             |
| 3             | Output Power:                             | 18 dBm Min.   | +21.6 dBm<br>See Plot   |             |
| 4             | Spurious:                                 | -85 dBc Min.  | -88.95 dBc  |             |
| 5             | Harmonics:                                | -25 dBc Min.  | -29.09 dBc<br>See Plot  |             |
| 6             | *Phase Noise:                             | 10 kHz Offset = -80 dBc/Hz<br>100 kHz Offset = -95 dBc/Hz | 10 kHz Offset =<br>-118 dBc/Hz<br>100 kHz Offset =<br>-121 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<br>QA 2 |

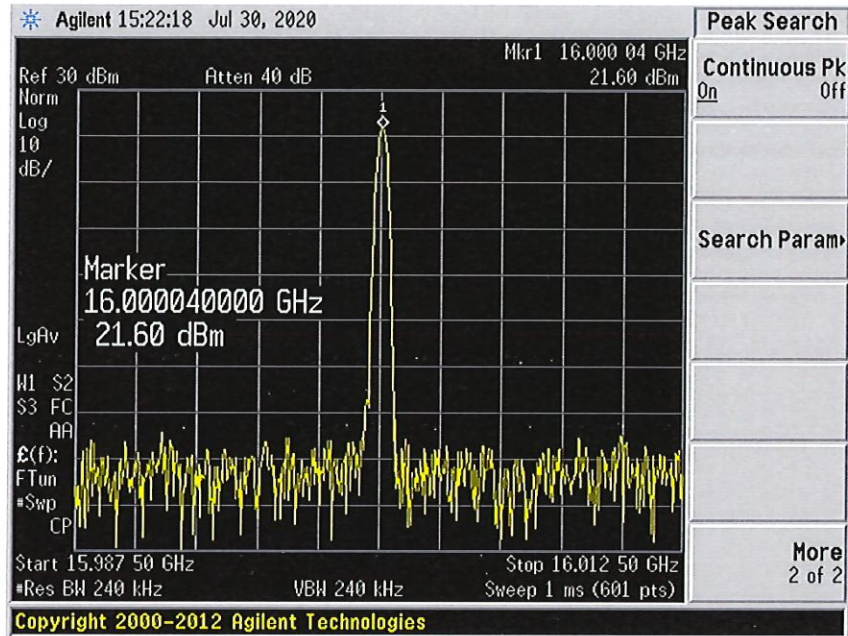
QA/QC Approval:  PMI QA 2 Date: 7-31-2020



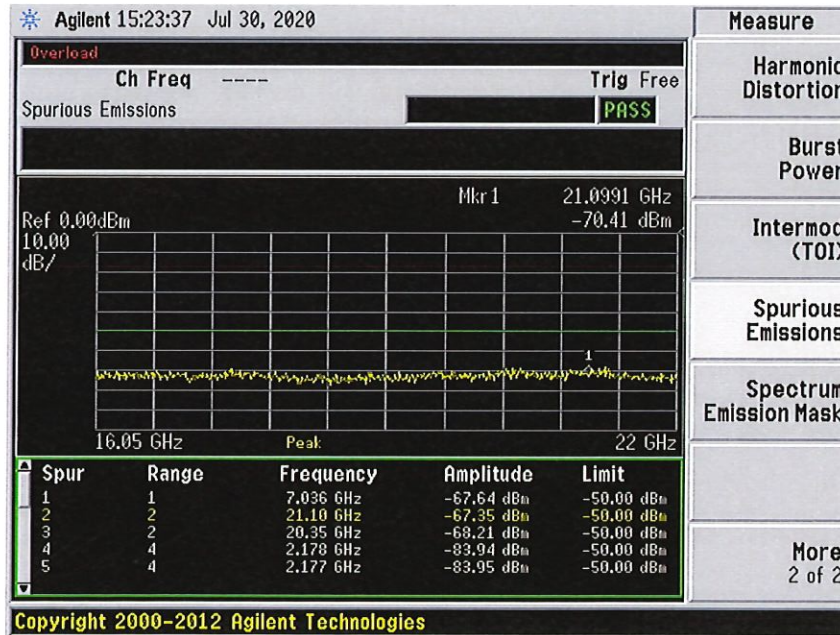
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Carrier



Spurious

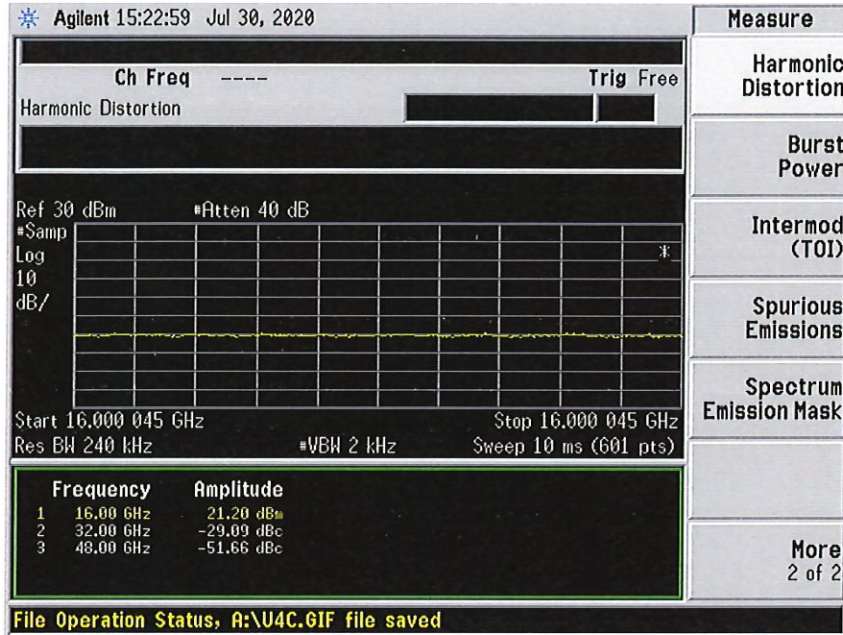




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Harmonics



Phase Noise

