



**SUMMARY TEST DATA  
ON  
PLO-9G-CD-1**

**PL23400/1849**

Customer: \_\_\_\_\_ Tested By: Sarjit  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: PLO-9G-CD-1 Date: 11/30/18  
 Serial No: PL23400/1849 Drawing No: 27622744 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Output Frequency (fo):	9.0GHz	9.0GHz	PMI QA 1	
2	Output Power:	+21dBm Min +25dBm Max	+21.1 dBm (See Plot)		
3	Reference (fi):	100 ±0.01 MHz 0 ±3dBm	100 MHz		
4	VSWR:	< 1.5:1 (ALL PHASES)	1.4:1		
5	Spurious:	-60dBc Min	-92 dBc (See Plot)		
6	Harmonics:	-25dBc Min	-25 dBc (See Plot)		
7	Phase Noise:	20 log(fo/fi)+6dB Typ. @ 10KHz – 100KHz -100 dBc/Hz Min @ 100KHz -120 dBc/Hz Min @ 1MHz	-102 dBc @ 100KHz -123 dBc @ 1MHz (See Plots)		
8	Lock Alarm:	TTL "H" : Out Of Lock TTL "L" : Lock	Pass		
9	Primary Power:	+12 to +15.5 Vdc @ 500mA Max -12 to -15.5 Vdc @ 100mA Max	278 mA @ +12 to +15.5 Vdc 23 mA @ -12 to -15.5 Vdc		
10	Weight:	250g (10 oz) Max	3.5 oz		PMI QA 1

QA/QC Approval: \_\_\_\_\_

PMI  
QA 1

Date: \_\_\_\_\_

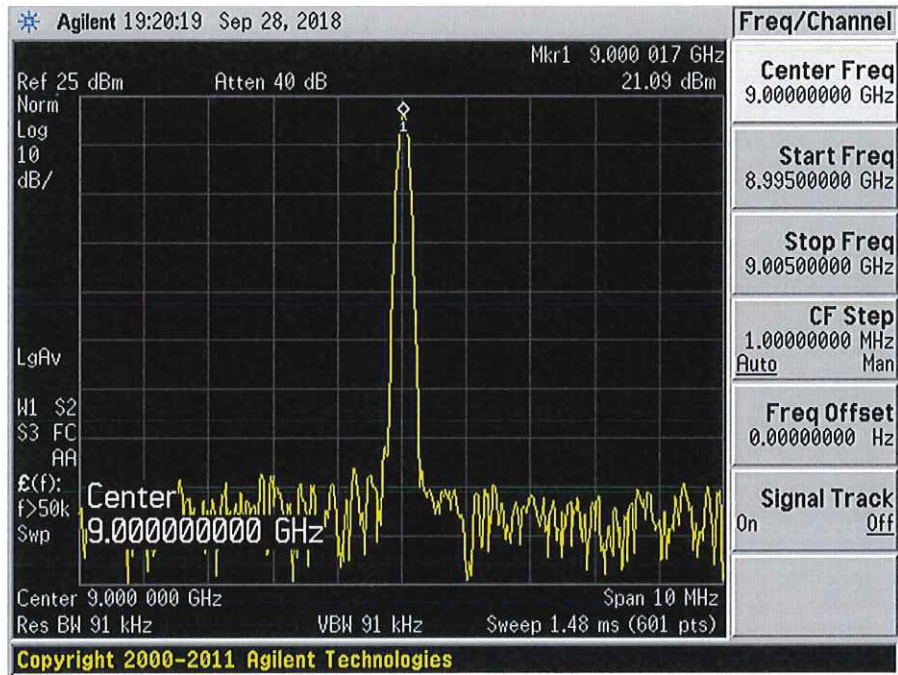
12/6/18



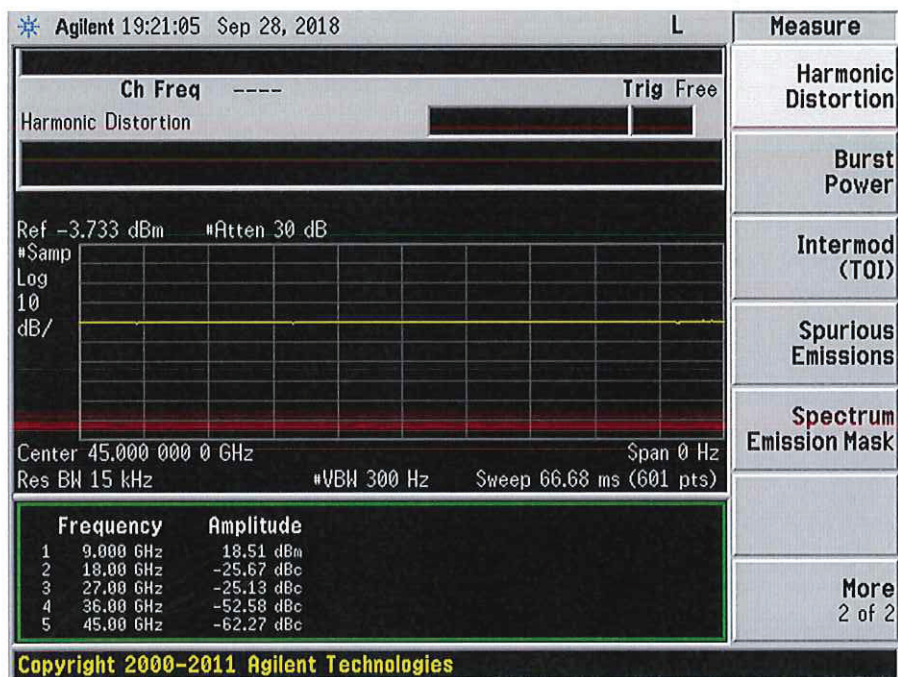
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Carrier



Harmonics

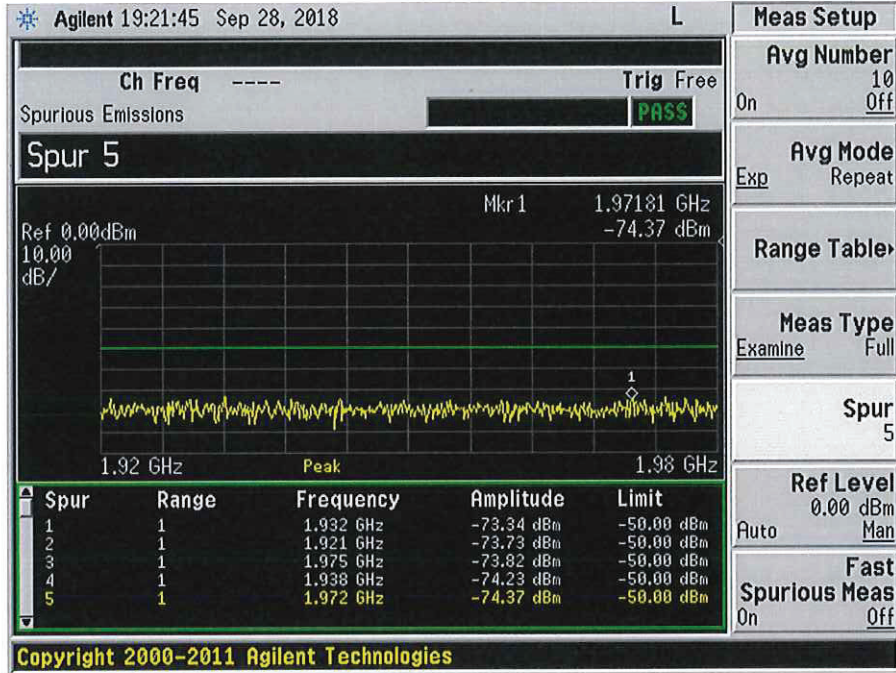




**SUMMARY TEST DATA  
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Spurious



Phase Noise

