



**SUMMARY TEST DATA
ON
AUM-50M100M-DTOK-3R5MBW**

Customer: _____ Tested By: S. Palacio
Job No: _____ Temperature: +25°C
Model No: AUM-50M100M-DTOK-3R5MBW Date: 9/24/2013
Serial No: PL10163/1342

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC
1	Frequency Range:	50 – 100 MHz	50 – 100 MHz	
2	Frequency Accuracy:	± 2.0 MHz Max @ 25°C	± 0.15 MHz See Plot	
3	Modulation Bandwidth (3dB):	3.5 MHz Min	3.5 MHz	
4	Modulation Frequency Deviation BW:	8 to 20 MHz Typ @ 2V P-P	> 8 MHz @ 2V P-P	
5	RF Output Power:	+10 dBm Min	+11.50 dBm	
6	Phase Noise:	-60 dBc / Hz Typ @ 100 kHz Offset	< -60 dBc / Hz @ 100 kHz Offset	
7	Harmonics:	-20 dBc Typ -15 dBc Max	< -20 dBc	



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TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC
8	Spurious:	-55 dBc Max	< -55 dBc	
9	Linearized Frequency Tuning Step Size:	LSB 0.1 MHz Nominal for Full Band	0.1 MHz LSB	
10	DC Power:	+15V ($\pm 0.5V$) -15 V ($\pm 0.5V$) + 5V ($\pm 0.5V$) +28V ($\pm 2.0V$)	+15V ($\pm 0.5V$) -15 V ($\pm 0.5V$) + 5V ($\pm 0.5V$) +28V ($\pm 2.0V$)	

QA/QC Approval: _____ Date: _____



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Model Number	AUM-50M100M-DTOK-3R5MBW	Technician	S. Palacio
Serial Number	PL10163	Date	9/24/2013
Frequency Accuracy @ 25°C		Temperature	25, -40, 70 °C
Frequency Drift			
RF Output Power			
±			
Modulation Bandwidth			
			0.15 MHz
			0.01 MHz / °C
			11.50 dBm Min
			0.36 dB
			8 MHz Min

