ACG - Detector

Voltage, Resistance & Waveform Chart

Assembly 61-S0009-001

					AGC-Detector Card
					ASSEMBLY: 61-S0009-001

Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
472				ground	*All voltages +/- 10%.*
473					
474				ground	
475					
476			16		0 with RF Gain set to 10 -6 with RF Gain set to 0
477			16		AGC Voltage
478			16		
479					
480					
481			16	15	
482					
483			16	-14.8	0.4 when in TUNE
484				ground	
485			16	0	
486				ground	
487			16	0	
488				ground	
489			40	17	
490					
491			16	-14.8	0.4 when in TUNE
492				ground	
493			16	0	
494				ground	
495			16	0	
496			16	14.3	
497				ground	
498			16	-15	0 when in TUNE

| | | "It Speaks for Itself" | **AGC-Detector Card** |
| | | **signal/one** | **ASSEMBLY: 61-S0009-001** |

Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
499				ground	
500			16	0	
501			16	0	
502				ground	
503			16	0	Varies from 0 to +8 depending upon RF input level
504			16	0	Varies from 0 to +8 depending upon RF input level
505			16	-15	
506			4	$\cong 0$	
507			40	34	

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Voltage, Resistance, and Waveform Chart

Pin	Resistance Scale	Resistance R	Voltage Scale	Voltage V	Waveform
IC1					*All voltages +/- 10%.*
1			8	-4.5	
2			16	-8	
3			16	-12	
4			16	-9	
5			8	-4	
6			16	0	
7				ground	
8			16	-4.7	
Q1					
Collector			16	13.8	
Base			16	7.5	
Emitter			16	7.0	
Q2					
Collector			16	0	
Base			16	15	
Emitter			16	15	
Q3					
Collector			16	15	
Base			16	0	
Emitter			16	0	

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Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
Q4					
Collector			16	15	
Base			16	0	
Emitter			4	-1	
Q5					
Collector			16	15	
Base			16		Varies with RF Gain Control: RF Gain = 10; Voltage = -0.5 RF Gain = 0; Voltage = 5
Emitter			4	-1	
Q6					
1			40	17	
2			4	1.2	
3			4	0	
4			1.6	0.4 to 1.0	
Q7					
Collector			.4	-0.05	
Base			16	-9.4	
Emitter			16	-10	
Q8					
1			16	15	14 in TUNE position
2			16	-4	5 in TUNE position
3			16	0	0 in TUNE position
4			16	0	.4 to 1.0 in TUNE position

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Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
Q9					
1				ground	
2			16	-10.6	
3			16	-13	
4			16	-10.6	
Q10					
Collector				ground	
Base			16	-7.4	
Emitter			16	-8	
Q11					
Collector			16	15	
Base			.4	0	
Emitter			.4	0	
Q12					
Collector			16	0	
Base			4	-1	
Emitter			4	-0.15	
Q13					
Collector			16	0	
Base			.4	0	
Emitter			.4	0	