

# CIRCUIT PARAMETER TEST DATA - ANALOG

1. CCSD	2. TYPE TEST <i>T+A</i>	3. PARAMETER CODE <i>C1</i>	4. TIME START (DTG) <i>3 721z Dec 96</i>	5. TIME FINISH (DTG) <i>6:15</i>
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6. RECEIVE STATION / INITIALS <i>Kea/OT</i>	7. TRANSMIT STATION / INITIALS <i>Kea/DT</i>
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TEST	SPECIFICATIONS		RECEIVE		TRANSMIT		
			INITIAL	ADJUSTED	INITIAL	ADJUSTED	
8. TEST TONE LEVEL	1004 Hz -10 dBm0	+ 7.1 dB	-10.1 dB	dB	-10.1 dB	dB	
9. C-MSG NOISE	ANALOG C3 / CT MILES	<i>N/A</i> dBBrnC0	dBBrnC0	dBBrnC0	dBBrnC0	dBBrnC0	
10. C-NOTCH NOISE	1004 Hz	<i>±51</i> dBBrnC0	<i>+12</i> dBBrnC0	dBBrnC0	<i>+12</i> dBBrnC0	dBBrnC0	
11. SIG/NOISE RATIO	1004 Hz	<i>±24</i> dB	<i>63.5</i> dB	dB	<i>63.5</i> dB	dB	
12. IMPULSE NOISE	REF LEVEL <i>60</i> dBBrnC0	≤ 15 COUNTS IN 15 MINS	<i>Hi 0</i> <i>mi 0</i> <i>Lo 407</i>	-	<i>Hi 0</i> <i>mi 0</i> <i>Lo 407</i>		
13. ENVELOPE DELAY	SPECTRUM	REL DELAY	REL DELAY	REL DELAY	REL DELAY	REL DELAY	
	<i>800 - 2600</i> Hz	<i>1750</i> usecs	<i>+2</i>				
	<i>1800 - 2400</i> Hz	<i>1000</i> usecs	<i>+1</i>				
	<i>1000 - 2400</i> Hz	<i>500</i> usecs					
14. FREQUENCY RESPONSE	SPECTRUM	-	+	-	+	-	+
	<i>300 - 2900</i> Hz	<i>2</i>	<i>6</i>				
	<i>300 - 3000</i> Hz	<i>3</i>	<i>12</i>				
	<i>1000 - 2400</i> Hz	<i>1</i>	<i>3</i>				
15. NET LOSS VARIATION	1004 Hz	± 4 dB IN 15 MINS	<i>0</i> dB	dB	<i>0</i> dB	dB	
16. CHANGE IN FREQ	1004 Hz	± 3 Hz	<i>1</i> Hz	Hz	<i>1</i> Hz	Hz	
Terminal Impedance	<i>-9.9</i>	± 10%	<i>585</i>		<i>585</i>		
Composite Dist		<i>-13</i>	<i>12.9</i>				
Phase hits	<i>Gain change 73db</i>	<i>8</i>	<i>0</i>		<i>0</i>		
Gain hits	<i>720 degrees for 4ms</i>	<i>8</i>	<i>0</i>		<i>0</i>		
dropouts	<i>12 db for MS</i>	<i>2</i>	<i>0</i>		<i>0</i>		

*63.5*  
*-13*  
*76.5*  
*76.5*  
*88.5*

17. REMARKS

1. TTL, NOISE, IMP NOISE, ENV DLY, FREQ RESP WILL BE ACCOMPLISHED IN THAT ORDER, THEN OTHER TESTS.
2. EXCEPTIONS WILL BE CIRCLED IN RED.
3. FREQ RESP: + IS MORE LOSS. - IS LESS LOSS.

18. SIGNATURE OF TESTER



Rebc

0200Z

F R E Q U E N C Y  (K H Z)	FREQUENCY RESPONSE				ENVELOPE DELAY			
	RECEIVE		SEND		RECEIVE		SEND	
	RE CE I V E L E V E L	RE L A T I V E	RE C E I V E L E V E L	RE L A T I V E	ME A S U R E D	RE L A T I V E	ME A S U R E D	RE L A T I V E
0.3	-10.1							
0.4	-10.1							
0.5	-10.1				+6		+1	
0.6	-10.1				+4		-1	
0.7								
0.8	-10.1				+2		-1	
0.9								
1.0	-10.1	8	-10	8	+1		-1	
1.1								
1.2	-10.1				+1		-2	
1.3								
1.4	-10.1				0		-2	
1.5								
1.6	-10.1				0		-2	
1.7								
1.8	-10.1				-10.1	0	-42.79	0
1.9								
2.0	-10.1				0		-1	
2.1								
2.2	-10.1				0		-1	
2.3					0		-1	
2.4	-10.1				0		-1	
2.5	-10.1				0		-1	
2.6								
2.7	-10.1				0		-1	
2.8	-10.1				0		-1	
2.9								
3.0	-10.1							
3.1								
3.2								
3.3								
3.4								

