

No.01

Ky104 TX Narrow at 34.050MHz

ITEM	unit	SPEC	Enviro. SPEC	25 deg C			-30 deg C			+60 deg C			
				7.5V	- Δ	+ Δ	7.5V	-Δ	+Δ	7.5V	- Δ	+ Δ	
1	FREQUENCY STABILITY	ppm	+/-10.0ppm	+/-20.0ppm									
2	CARRIER POWER (High power)	W	5W+/-3dB	5W+/-6dB									
	CARRIER POWER (low power)	W	1W+/-3dB	1W+/-6dB									
3	CARRIER ATTACK TIME	mSec	<100	<100									
	MAX DEVIATION +	kHz	1.5<,<2.5	1.5<,<2.5	1.95	1.95	1.95	1.91	1.93	1.92	2.00	2.01	1.99
4	MAX DEVIATION -	kHz	1.5<,<2.5	1.5<,<2.5	1.94	1.94	1.94	1.88	1.90	1.89	1.99	1.96	1.95
5	DISTORTION	%	<5	<10	0.7	0.7	0.7	0.5	0.5	0.5	0.7	0.7	0.7
6	FM HUM AND NOISE	dB	>40	>34	49	49	49	52	52	52	49.0	49.0	49.0
7	RESIDUAL AM HUM & NOISE	dB	>34	>34	0.05	0.05	0.05						
9	AUDIO FREQUENCY RESPONSE	Fig											
10	OUT BAND EMISSION	Fig											
11	MODULATION SENSITIVITY	mV	3□15mV	3□15mV	13	13	13	13	13	13	13	13	13
12	ACOUSTIC MIC SENSITIVITY	dB											
13	OCCUPIED BANDWIDTH												
14	ADJACENT CHANNEL POWER RATIO	dBc	>60	>60	70.0/-69.8	70.0/-69.7	70.0/-69.7	75.3/-63.7	75.3/-63.7	75.3/-63.7	71.3/-64.7	71.3/-64.7	71.3/-64.7
15	TRANSIENT FREQ. BEHAVIOR												
16	Limiter LOW PASS FILTER RESPONSE	Fig											
17	TX STABILITY INTO VSWR												
18	CONDUCTED SPURIOUS EMISSIONS	dBm	<-13	<-13									
19	RADIATED SPURIOUS EMISSIONS		<-13	<-13									
20													

+ Δ	10%	20□	- Δ	-10%	20□
	8.25V	9.0V		6.75V	6.0V