

UHF NOISE FIGURE MEASUREMENT DATA

Manufacturer : SHARP CORPORATION
 Trade Name (Brand Name) : SHARP
 Noise Figure Measurement : _____

Model No. : VC-H998U
 FCC ID where assigned : N/A
 Converter : VTUNJH3091U28

List UHF Noise Figure (dB)	UHF Channel Number											Plan C				
		14	20	26	32	38	44	50	56	62	69	MAX	CH	x	Sn	x+K*Sn
1	5.2	5.8	6.1	6.1	5.7	4.8	4.8	5.4	5.4	5.0	6.1	26/32	5.43	0.49	6.90	
2	6.3	6.8	6.8	6.4	5.6	4.8	5.2	5.9	6.0	5.6	6.8	20/26	5.94	0.66	7.92	
3	6.7	7.0	7.4	7.7	7.8	7.2	7.3	7.6	7.6	7.1	7.8	38	7.34	0.35	8.39	
4	5.0	5.6	5.9	5.9	5.5	4.6	4.6	5.2	5.2	4.8	5.9	26/32	5.23	0.49	6.70	
5	6.1	6.5	6.6	6.2	5.4	4.6	5.0	5.7	5.8	5.4	6.6	26	5.73	0.64	7.67	
6	5.5	6.1	6.4	6.5	6.0	5.1	5.1	5.7	5.7	5.3	6.5	32	5.74	0.50	7.26	
7	6.0	6.3	6.7	7.0	7.1	6.5	6.6	7.0	7.0	6.5	7.1	38	6.67	0.36	7.75	
8	7.0	7.5	7.5	7.1	6.3	6.5	5.9	6.6	6.6	6.3	7.5	20/26	6.73	0.53	8.33	
9	5.8	6.3	6.5	5.9	5.1	4.3	4.7	5.4	5.5	5.1	6.5	26	5.46	0.69	7.54	
10	7.2	7.8	7.9	8.1	7.7	6.8	6.8	7.4	7.4	7.0	8.1	32	7.41	0.46	8.80	

* I subtracted 4 dB from the measured NF, because a power splitter is equipped in set.

Sample Size 10 (K=3.0113)

x : Mean of ten distributed noise figures including the max. value.

Sn : Standard deviation for ten distributed noise figure including max. value.

Note : The above "MAX." value is indicated the worst noise figure in the total range of the 69 UHF channel.

Noise Figure Contribution of the N.F. Amplifier
 (Measured Values)

Second Stage Noise Figure : _____ dB

Tuner Gain : N.A. dB

Noise Figure Contributin : less than 0.30 dB