

Test Data

Main Modulating Signal: Modulation Limiting set at ± 12 kHz

1kHz MODULATING SIGNAL LEVEL (mV)	PEAK FREQUENCY DEVIATION (KHz)	MAXIMUM LIMIT (KHz)
250 (Min. audio input rating)	11.5	± 10.8 kHz to ± 13.2 kHz
260	12.2	± 10.8 kHz to ± 13.2 kHz
270	11.3	± 10.8 kHz to ± 13.2 kHz
280	11.3	± 10.8 kHz to ± 13.2 kHz
290	12.0	± 10.8 kHz to ± 13.2 kHz
300	12.4	± 10.8 kHz to ± 13.2 kHz
320	12.3	± 10.8 kHz to ± 13.2 kHz
340	12.4	± 10.8 kHz to ± 13.2 kHz
360	12.1	± 10.8 kHz to ± 13.2 kHz
380	12.3	± 10.8 kHz to ± 13.2 kHz
400	12.5	± 10.8 kHz to ± 13.2 kHz
600	12.3	± 10.8 kHz to ± 13.2 kHz
800	11.9	± 10.8 kHz to ± 13.2 kHz
1000	12.1	± 10.8 kHz to ± 13.2 kHz
1500	12.5	± 10.8 kHz to ± 13.2 kHz
2000	11.9	± 10.8 kHz to ± 13.2 kHz
3000	11.8	± 10.8 kHz to ± 13.2 kHz

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- Assessed by ITI (UK) Competent Body, NVLAP (USA) Accreditation Body & ACA/AUSTEL (Australia)
- Recognized/Listed by FCC (USA), Industry Canada (Canada)
- All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)

Voice Signal Input Level = 300 mili-Volts

MODULATING FREQUENCY (KHz)	PEAK FREQUENCY DEVIATION (KHz)	MAXIMUM LIMIT (KHz)
0.3	5.1 (Note 1)	± 10.8 kHz to ± 13.2 kHz
0.4	7.5 (Note 1)	± 10.8 kHz to ± 13.2 kHz
0.6	9.6 (Note 1)	± 10.8 kHz to ± 13.2 kHz
0.8	11.5	± 10.8 kHz to ± 13.2 kHz
1.0	11.9	± 10.8 kHz to ± 13.2 kHz
1.2	11.0	± 10.8 kHz to ± 13.2 kHz
1.4	11.0	± 10.8 kHz to ± 13.2 kHz
1.6	10.9	± 10.8 kHz to ± 13.2 kHz
1.8	10.9	± 10.8 kHz to ± 13.2 kHz
2.0	10.9	± 10.8 kHz to ± 13.2 kHz
2.5	11.1	± 10.8 kHz to ± 13.2 kHz
3.0	8.7 (Note 1)	± 10.8 kHz to ± 13.2 kHz

Note (1): The frequency deviation outside the audio frequency band dropped below 10.8 kHz because of the audio bandpass filter.

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