

COMMUNICATIONS DATA SHEET NO. 207

LIMITS

Permanent Programme Circuits

Installation Limits

Attenuation Distortion	50 Hz to 10 kHz 1dB overall 40 Hz to 15 kHz 1.5dB overall frequencies below 1 kHz must not rise above the level at 1 kHz by more than 0.5dB.
Noise	Signal/noise should be at least 40dB unweighted 60dB weighted
Harmonic Distortion	Separation at +10dBm0 should be at least at 1 kHz 40dB at 100 Hz 29dB

Maintenance Limits

Attenuation Distortion	50 Hz to 10 kHz 2dB overall 40dB to 15 kHz 3dB overall frequencies above or below 1 kHz must not rise above the level at 1 kHz by more than 1dB.
Noise	Signal/noise should be at least 40dB unweighted 55dB weighted
Harmonic Distortion	Separation at +10dBm0 should be at least at 1 kHz 37dB at 100 Hz 26dB

Outside Broadcast Circuits

Attenuation Distortion	High Grade Music - 50 Hz to at least 10 kHz 2dB overall
	All other circuits - 50 Hz to at least 6 kHz 3dB overall
Noise	Signal/noise should be at least 40dB unweighted 55dB weighted
Harmonic Distortion	Separation at +10dBm0 should be at least at 1 kHz 37dB at 100 Hz 26dB

Stereo O.B. Circuits - Inter Channel Differences

A) Gain	250 Hz to 4 kHz not to exceed 0.2dB 120 Hz to 8 kHz not to exceed 0.4dB 50 Hz to 15 kHz not to exceed 0.6dB
B) Phase	250 Hz to 4 kHz not be exceed 6° 120 Hz to 8 kHz not to exceed 12° 50 Hz to 15 kHz not to exceed 18°