

## AudioSpectro FIRE Rating Guide

Overview: These scores are computed from the analysis of broadcast quality/ commercially released tracks that serve as the "reference".

Test specifications are then formulated based on reference tracks that consist of a lower limit, average and upper limit.

Anything that exceeds these limits is out of specification and lowers the rating of the track frequency balance. If the frequency balance rating is high, normal or OK, the majority of the points fits within the test specifications.

Frequency balance rating depends on the quality of the recording material, the mix and the genre of the track.

EXAMPLE: Supposing the frequency balance rating is 83%.  
By looking at the ratings' guide table below; this means that:

- a.) By overall classification (if you don't mind the genre), it is considered having a normal or acceptable frequency balance.
- b.) If the genre of the track is rock, it is considered "rare" and not having the frequency balance common to modern rock tracks.
- c.) Otherwise if this belongs to pop/ballad and country genre, the frequency balance is considered OK.
- d.) Same thing with the hip-hop genre, this response is considered OK.

### A.) Assessment by Overall Classification

Description: This is the general assessment of the track frequency balance regardless of a music genre.

OVERALL CLASSIFICATION	Lower Limit	Upper Limit
Normal	79%	97%
Good	97%	100%
Below Average	69%	78%
Rare Sound	60%	68%
Entirely Unique	0%	59%

### B.) Assessment by Genre

Description: This is the specific assessment of the track frequency balance with respect

to a music genre.

ROCK GENRE	Lower Limit	Upper Limit
Normal	89%	100%
Below Average	84%	88%
Rare Rock Sound	79%	83%
Entirely Unique Rock Sound	0%	79%

POP/BALLAD/COUNTRY	Lower Limit	Upper Limit
NORMAL	77%	100%
BELOW AVERAGE	67%	76%
RARE POP SOUND	57%	66%
ENTIRELY UNIQUE POP SOUND	0%	56%

HIP HOP	Lower Limit	Upper Limit
NORMAL	74%	100%
BELOW AVERAGE	64%	73%
RARE HIP HOP SOUND	55%	63%
ENTIRELY UNIQUE HIP HOP SOUND	0%	54%