

## ITU BS.1770 Loudness Meter Test Suite

### Test

### Results

Apply to any combination of channels

- |   |                         |               |
|---|-------------------------|---------------|
| 1 | True Peak Interpolation | -2 dBFS peaks |
|---|-------------------------|---------------|

Apply to all channels simultaneously

- |   |                          |                        |
|---|--------------------------|------------------------|
| 2 | Channel gain & summation | -23 LKFS, no variation |
|---|--------------------------|------------------------|

Apply to LF and RF simultaneously. When a range is listed it reflects the variation caused by meter timing

- |    |                             |                          |
|----|-----------------------------|--------------------------|
| 3  | Calibration & K-weighting   | IL = -23.0 LKFS          |
| 4  | Absolute gating             | Loudness = -69.5 LKFS    |
| 5  | Relative gating             | IL = -7.7 to -8.2 LKFS   |
| 6  | Gating Interaction          | IL = -22.0 to -22.5 LKFS |
| 7  | Absolute gating (3341 #3)   | IL = -23.0 LKFS          |
| 8  | Relative gating (3341 #4)   | IL = -23.0 LKFS          |
| 9  | Integration (3341 #5)       | IL = -23.0 LKFS          |
| 10 | LRA scale (3342 #1)         | LRA = 10 LU              |
| 11 | LRA scale (3342 #2)         | LRA = 5 LU               |
| 12 | LRA scale (3342 #3)         | LRA = 20 LU              |
| 13 | LRA relative gate (3342 #4) | LRA = 15 LU              |
| 14 | LRA Statistics - NLR        | LRA = 5 LU               |
| 15 | LRA Statistics - WLR        | LRA = 15 LU              |
| 16 | Relative Gate Value         | -9.8 to -10.3 LKFS       |