



REPORT No.: SZ25100415S04

## Annex D Test Plots of Volume Control

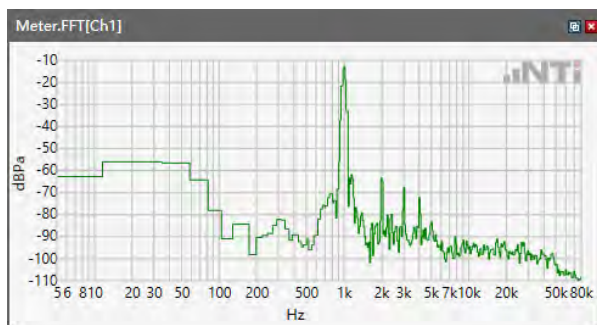
## Measurement Protocol

|                        |                           |
|------------------------|---------------------------|
| Project                | SZ25100415 of TIA 5050 v1 |
| Report Generation Date | 2025/04/25                |

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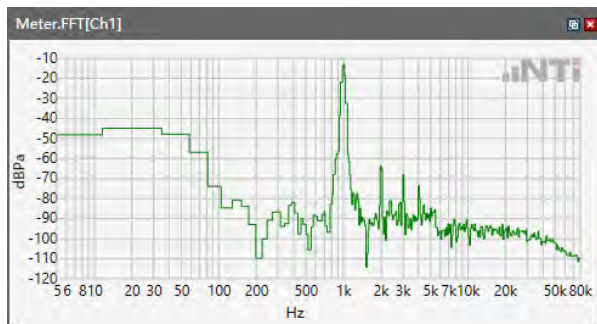
## 5.1 Receive Volume Control Performance 8N&2N NB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band II



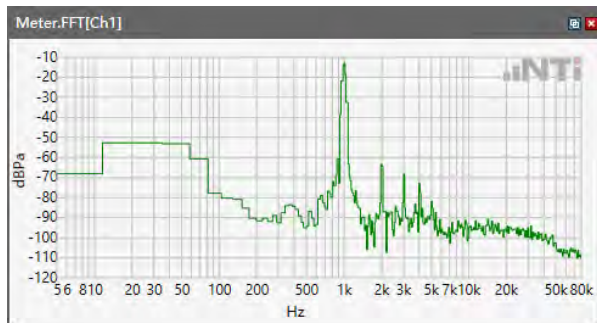
Speech Level RCV: 83.27 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band IV



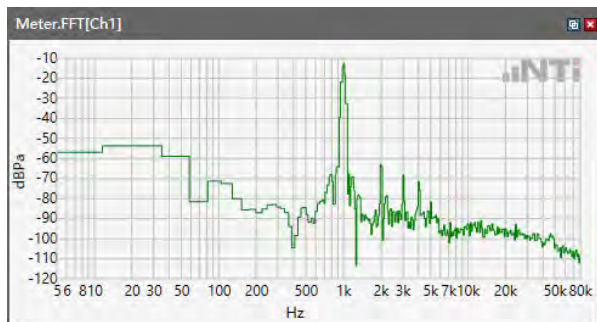
Speech Level RCV: 83.72 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band V



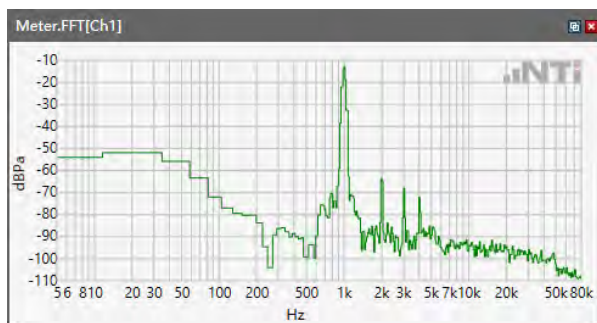
Speech Level RCV: 82.76 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 7



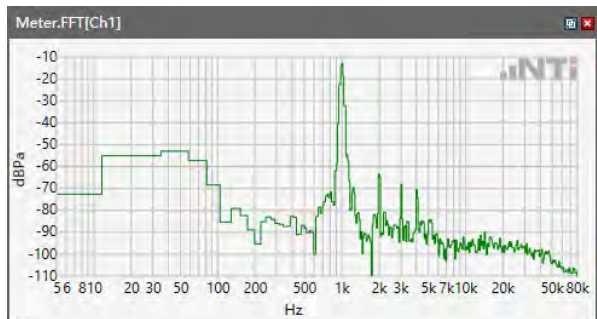
Speech Level RCV: 83.39 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 12



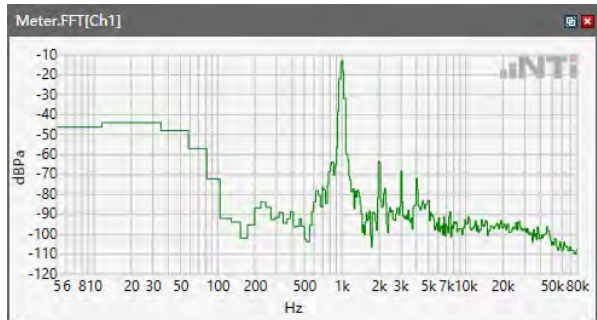
Speech Level RCV: 84.22 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 13



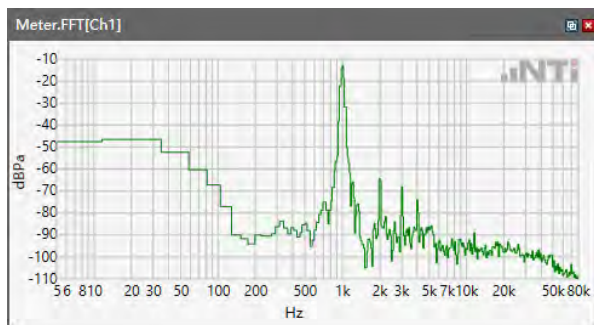
Speech Level RCV: 82.92 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 14



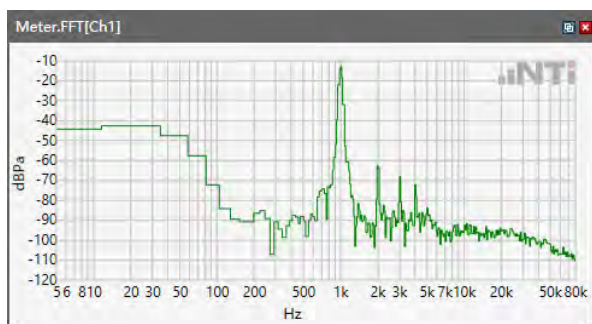
Speech Level RCV: 84.34 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 25



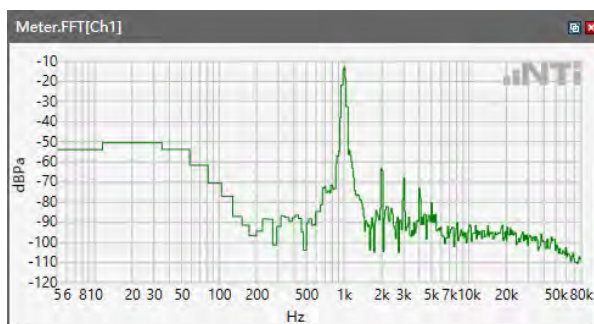
Speech Level RCV: 83.6 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 26



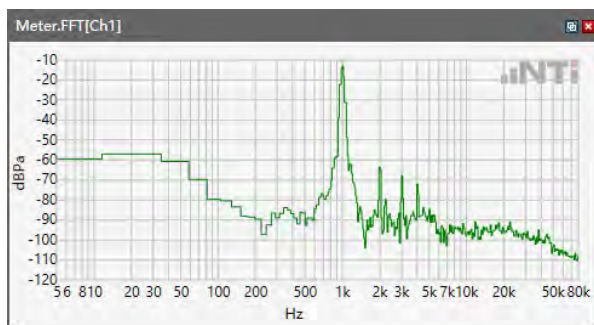
Speech Level RCV: 83.63 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 30



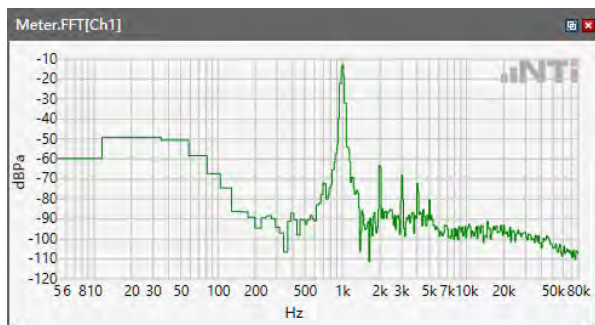
Speech Level RCV: 83.39 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 41



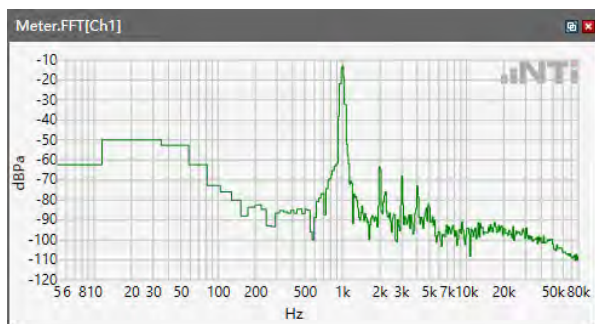
Speech Level RCV: 84.26 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 48



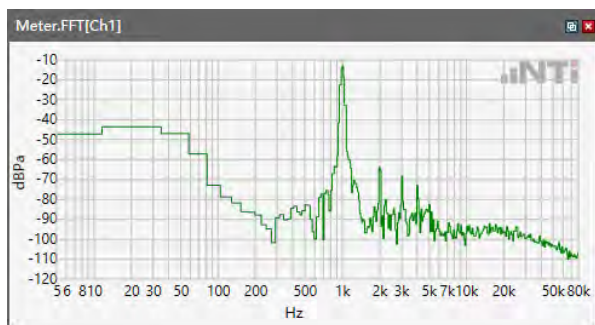
Speech Level RCV: 82.76 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 66



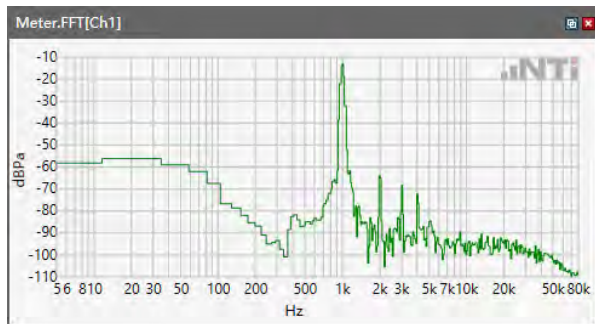
Speech Level RCV: 82.56 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 71



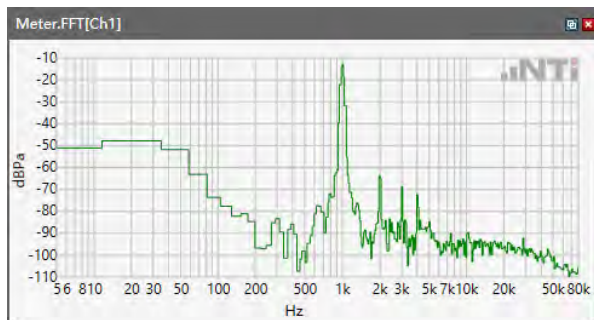
Speech Level RCV: 82.97 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n7



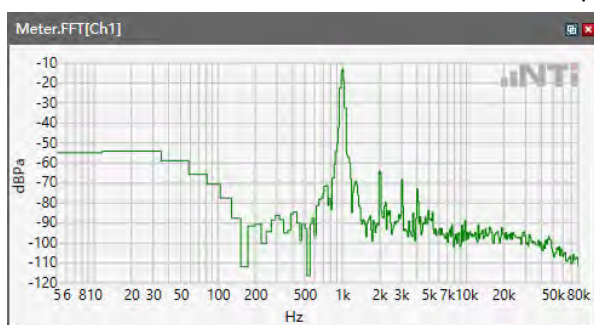
Speech Level RCV: 83.17 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n25



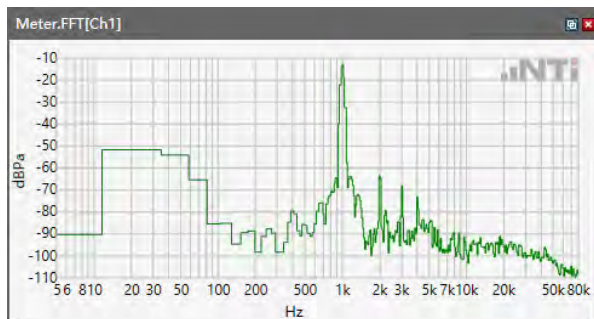
Speech Level RCV: 83.99 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n26



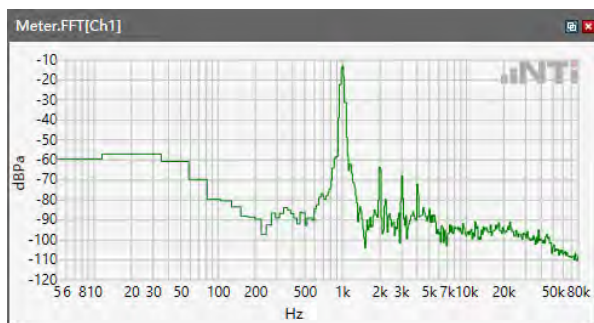
Speech Level RCV: 83.27 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n30



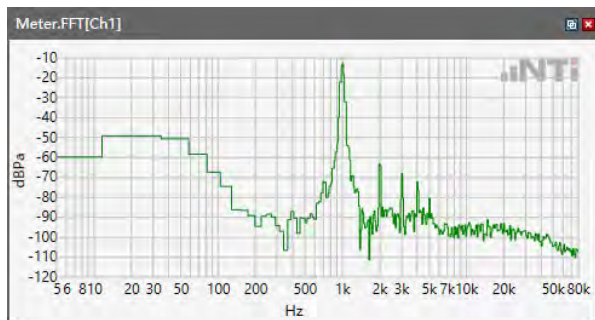
Speech Level RCV: 83.01 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n41



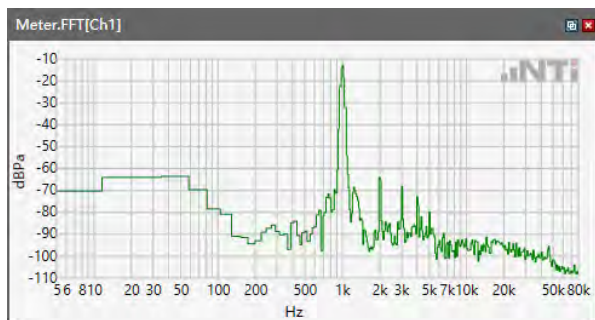
Speech Level RCV: 83.51 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n48



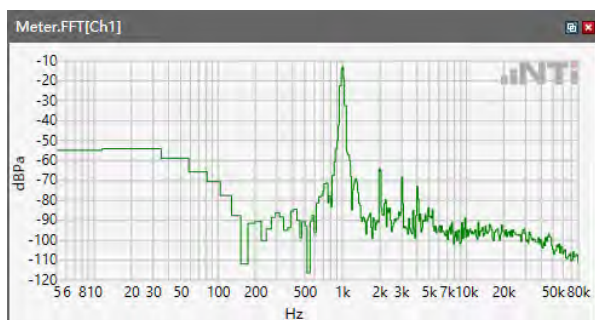
Speech Level RCV: 82.74 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n66



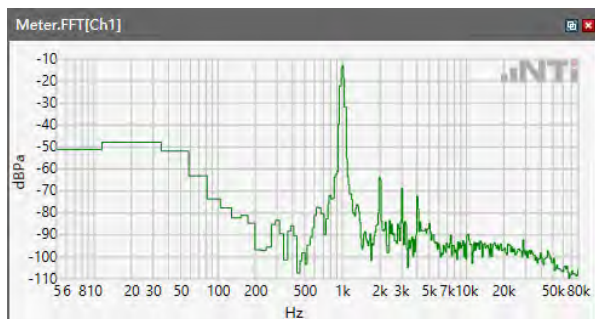
Speech Level RCV: 83.58 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n71



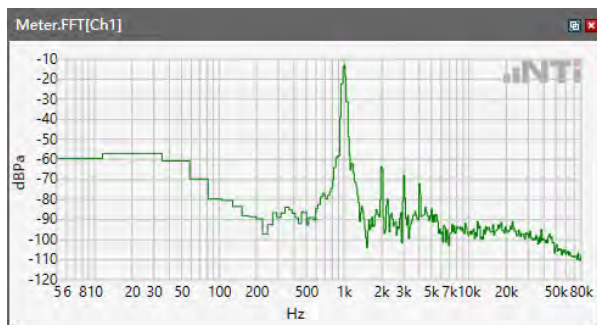
Speech Level RCV: 83.33 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5GNR n77



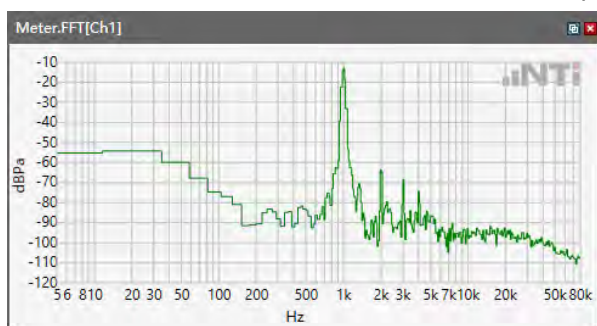
Speech Level RCV: 82.85 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\WCDMA Band II



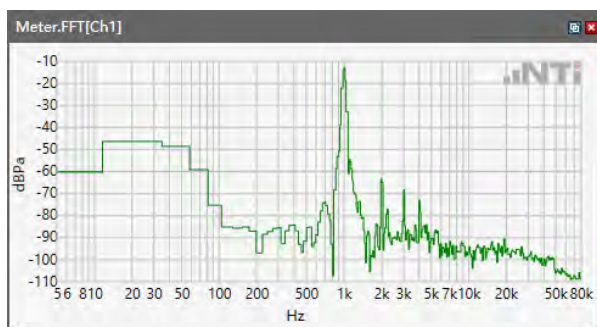
Speech Level RCV: 80.01 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\WCDMA Band IV



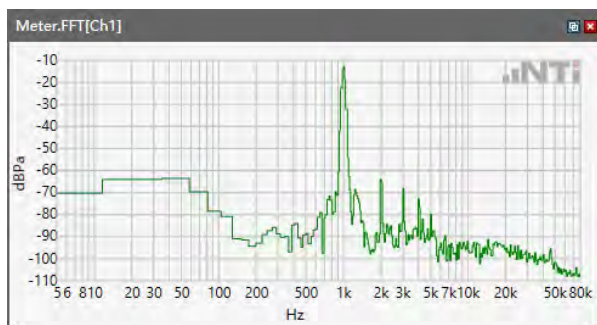
Speech Level RCV: 79.04 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\WCDMA Band V



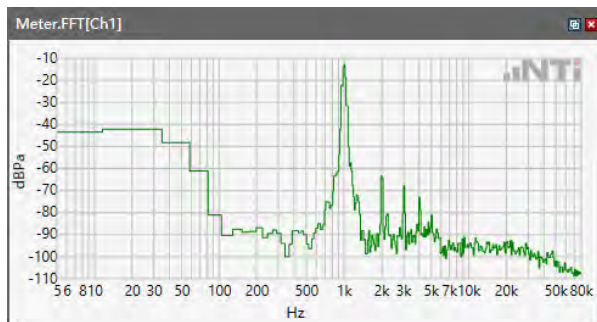
Speech Level RCV: 80.09 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\LTE Band 7



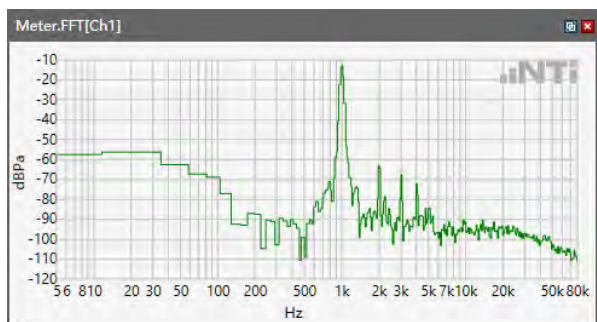
Speech Level RCV: 80.17 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\LTE Band 12



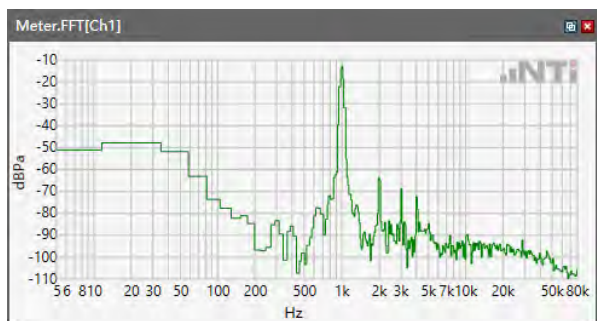
Speech Level RCV: 80.14 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 13



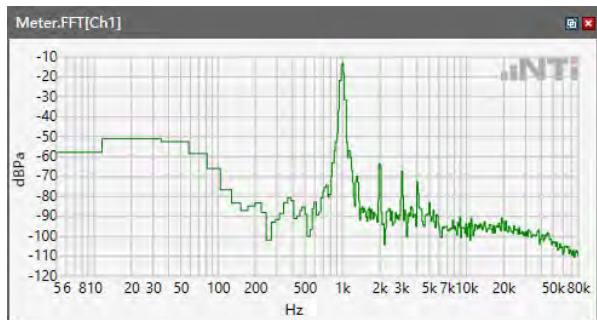
Speech Level RCV: 79.99 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 14



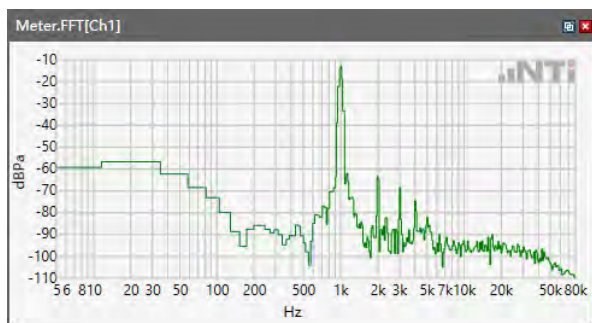
Speech Level RCV: 79.75 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 25



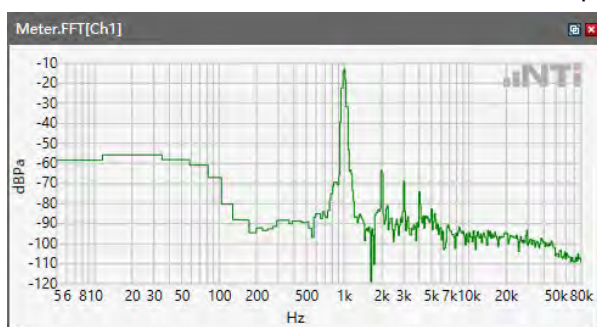
Speech Level RCV: 79.50 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 26



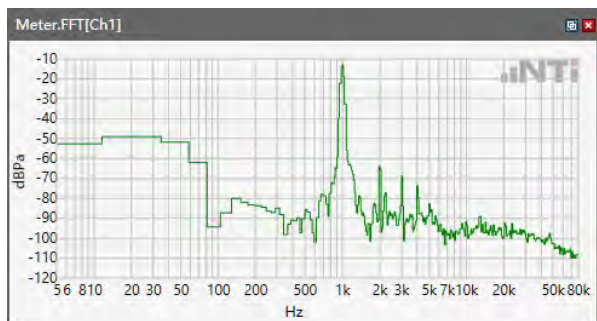
Speech Level RCV: 80.08 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 30



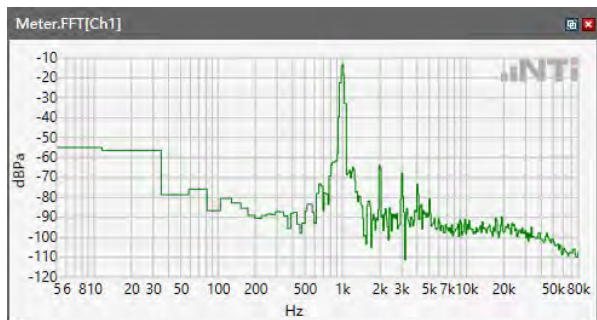
Speech Level RCV: 79.52 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 41



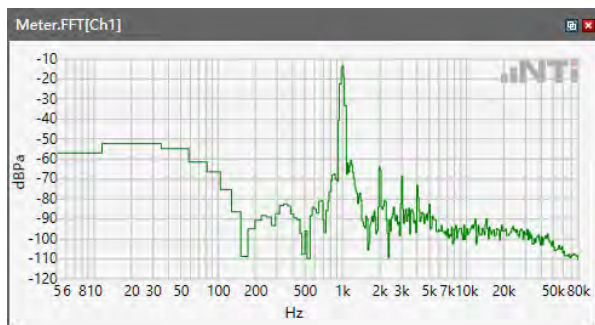
Speech Level RCV: 79.62 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 48



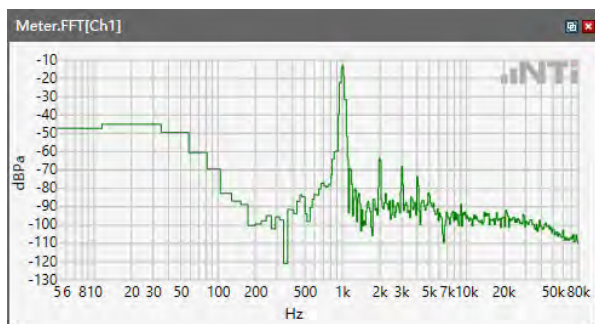
Speech Level RCV: 80.30 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 66



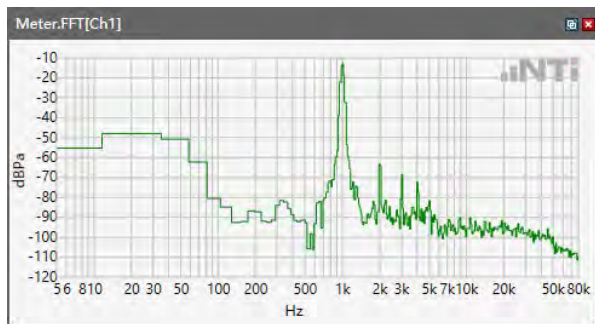
Speech Level RCV: 79.52 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ LTE Band 71



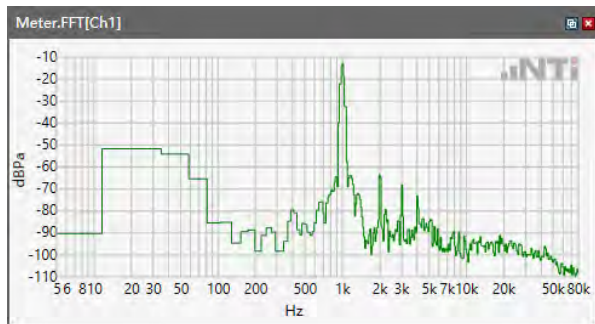
Speech Level RCV: 80.19 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5G NR n7



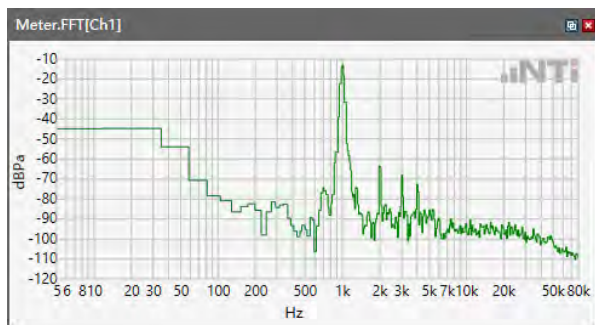
Speech Level RCV: 79.98 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5G NR n25



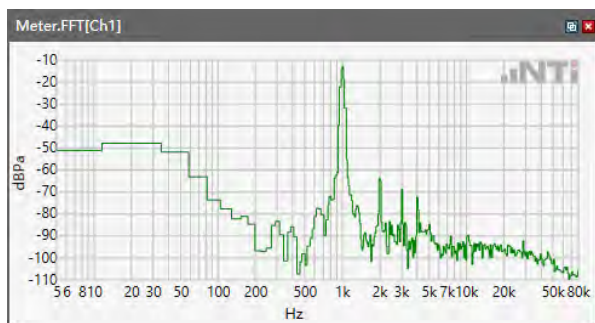
Speech Level RCV: 80.09 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n26



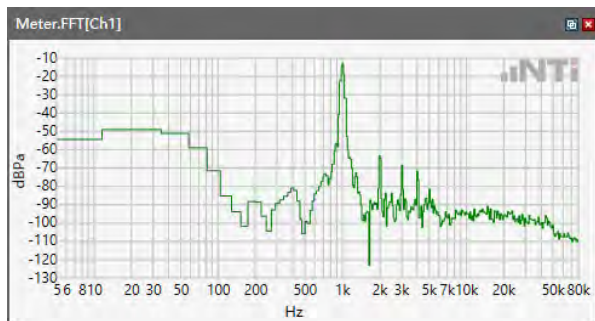
Speech Level RCV: 79.99 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n30



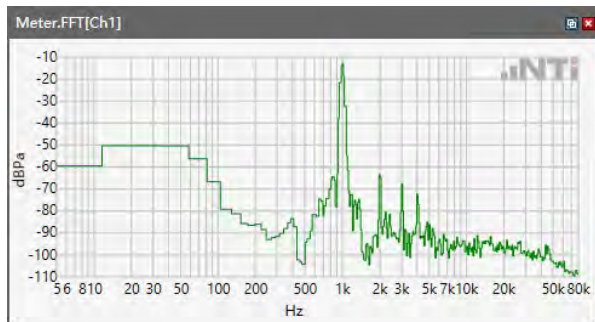
Speech Level RCV: 78.88 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n41



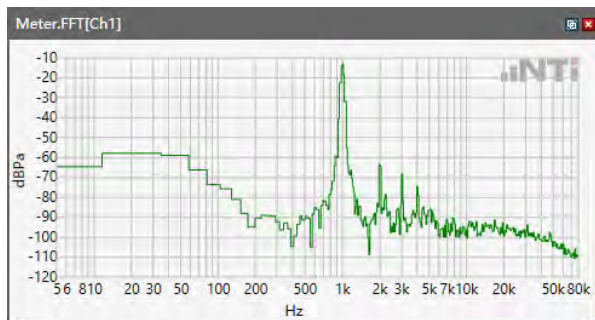
Speech Level RCV: 79.82 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n48



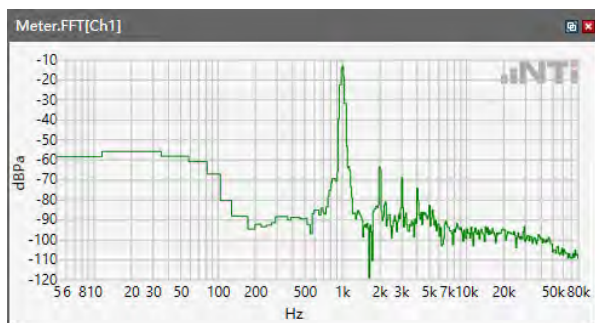
Speech Level RCV: 79.68 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n66



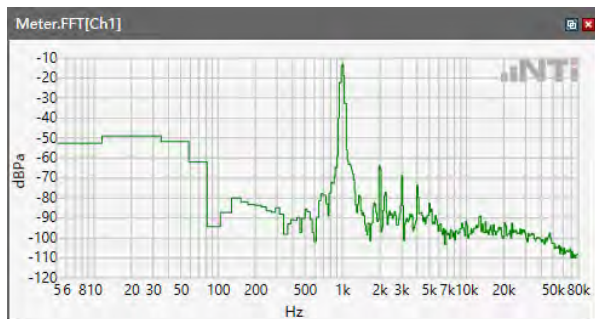
Speech Level RCV: 79.53 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n71



Speech Level RCV: 80.32 dB[SPL]

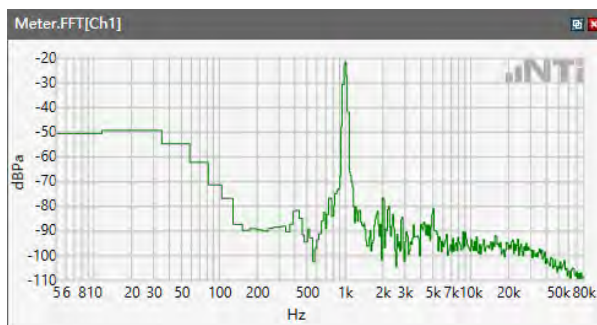
ANSI/TIA 5050-2018 \ 2N HAC OFF \ NB 12.2kbps\ 5GNR n77



Speech Level RCV: 79.97 dB[SPL]

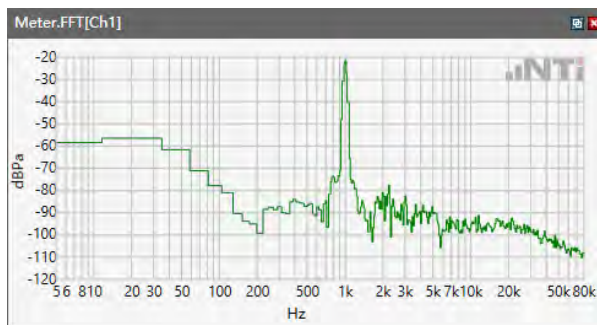
## 5.1 Receive Volume Control Performance 8N&2N WB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\WCDMA Band II



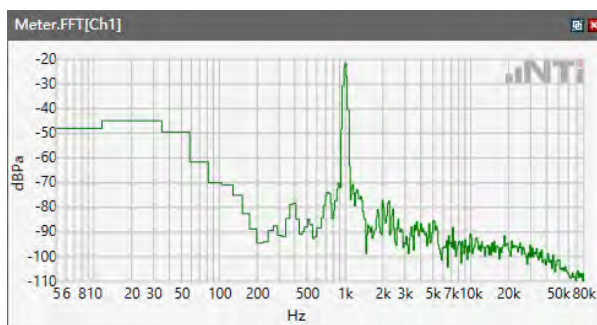
Speech Level RCV: 83.47 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\WCDMA Band IV



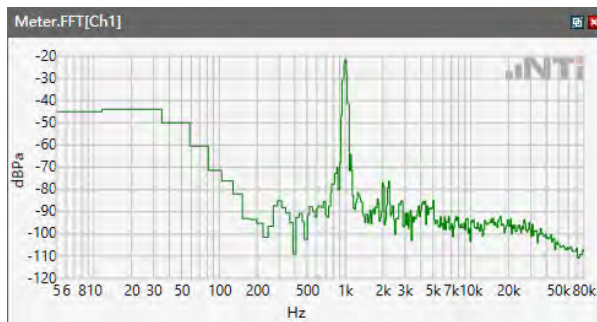
Speech Level RCV: 82.63 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\WCDMA Band V



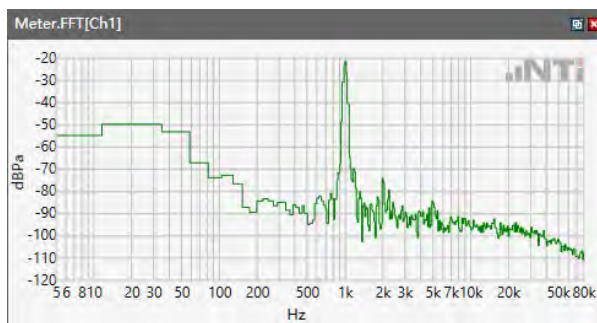
Speech Level RCV: 83 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\LTE Band 7



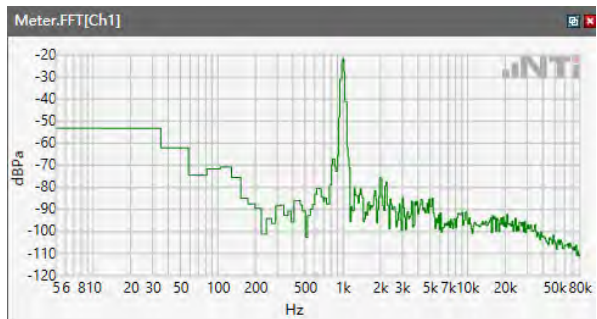
Speech Level RCV: 82.55 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\LTE Band 12



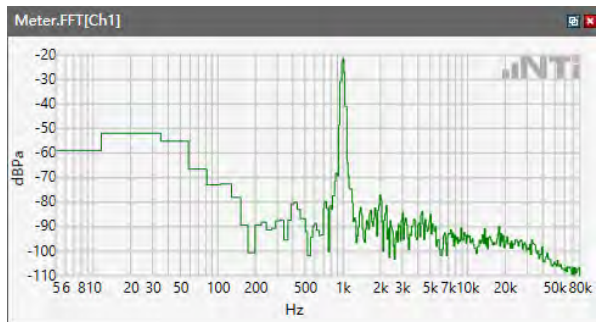
Speech Level RCV: 83.02 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 13



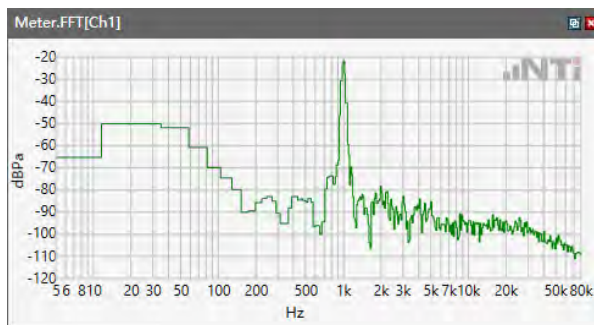
Speech Level RCV: 83.48 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 14



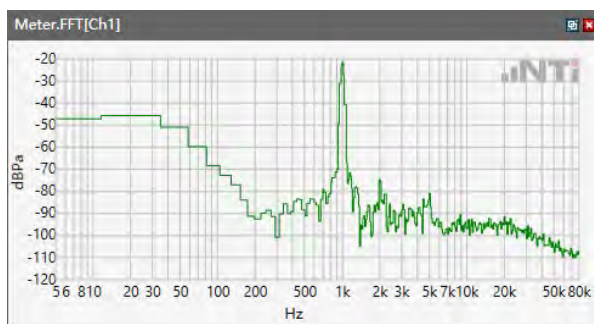
Speech Level RCV: 83.71 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 25



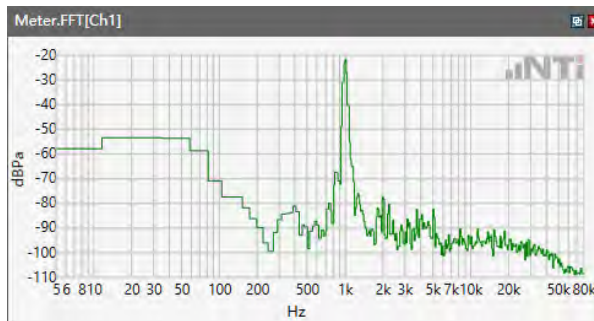
Speech Level RCV: 82.03 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 26



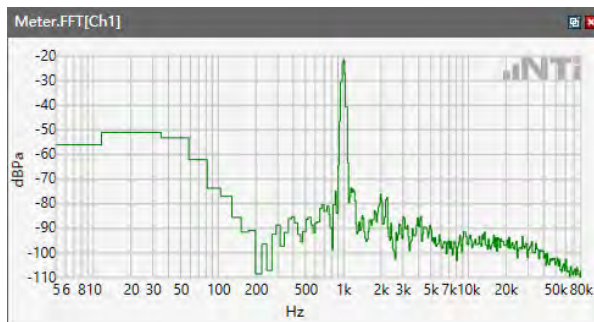
Speech Level RCV: 82.23 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 30



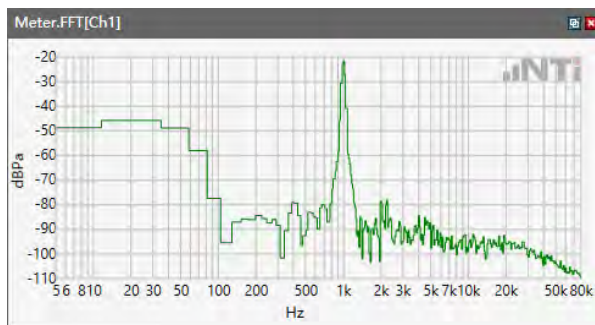
Speech Level RCV: 82.32 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 41



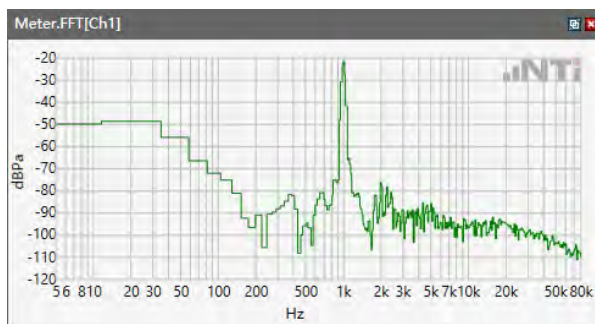
Speech Level RCV: 83.85 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 48



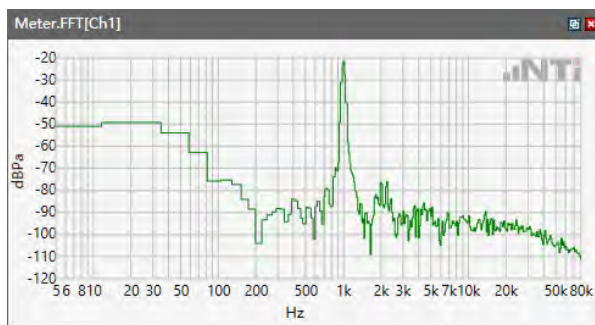
Speech Level RCV: 83.35 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 66



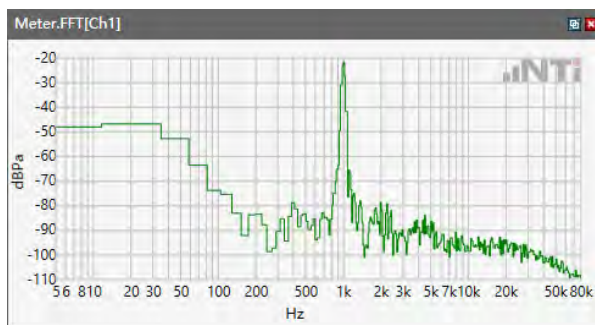
Speech Level RCV: 83.86 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ LTE Band 71



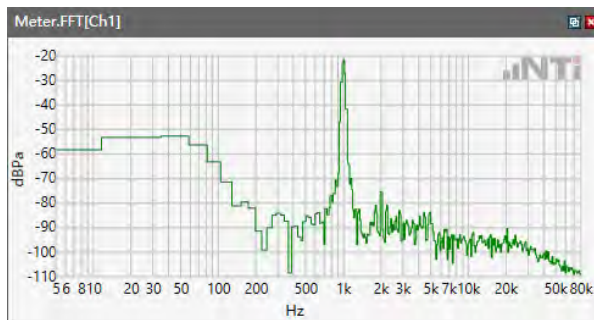
Speech Level RCV: 82.55 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n7



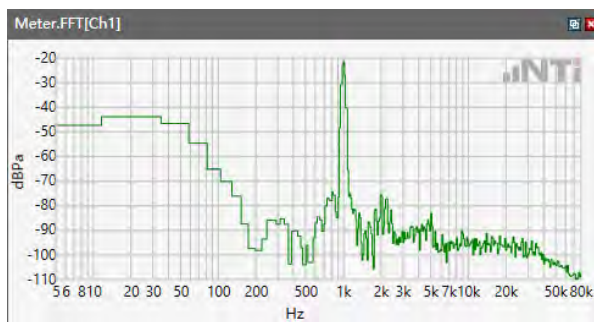
Speech Level RCV: 82.68 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n25



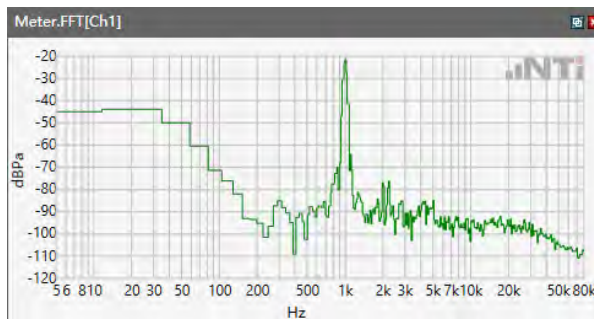
Speech Level RCV: 82.72 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n26



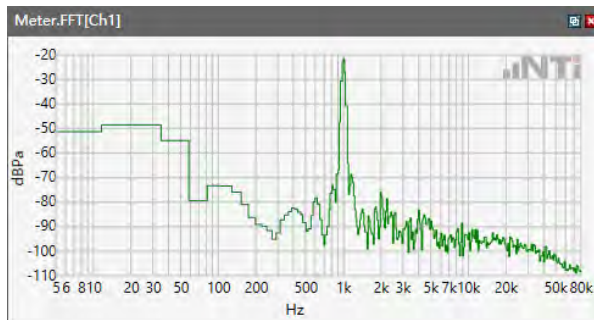
Speech Level RCV: 82.15 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n30



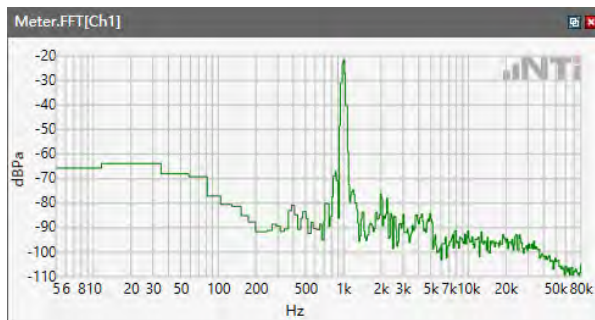
Speech Level RCV: 83.62 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n41



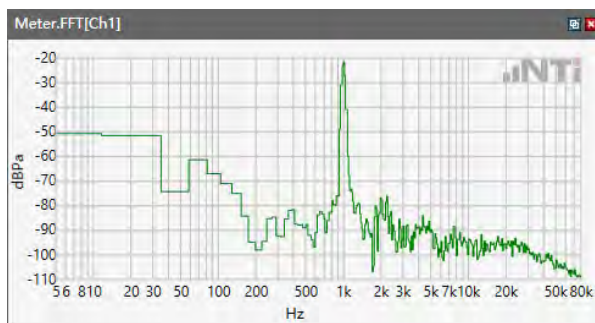
Speech Level RCV: 83.79 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n48



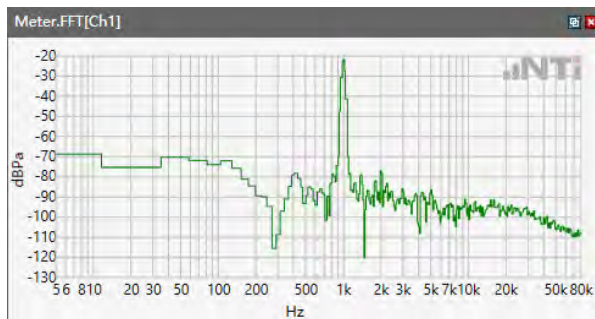
Speech Level RCV: 83.35 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n66



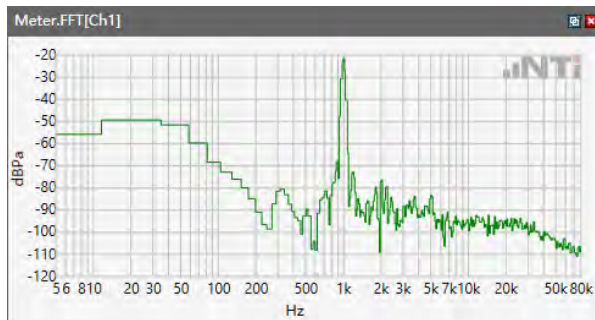
Speech Level RCV: 82.13 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n71



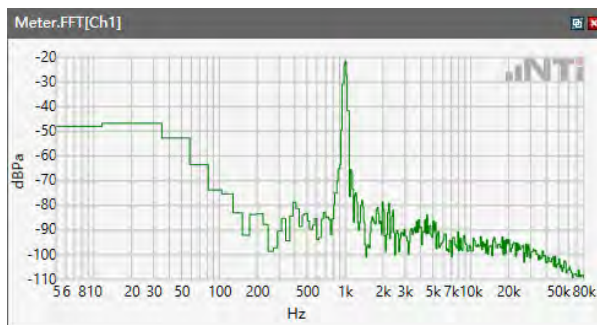
Speech Level RCV: 83.69 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5GNR n77



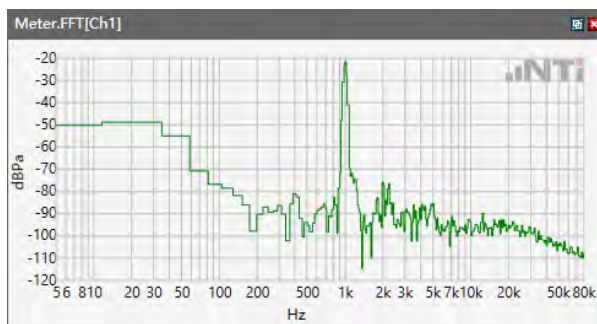
Speech Level RCV: 82.59 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\WCDMA Band II



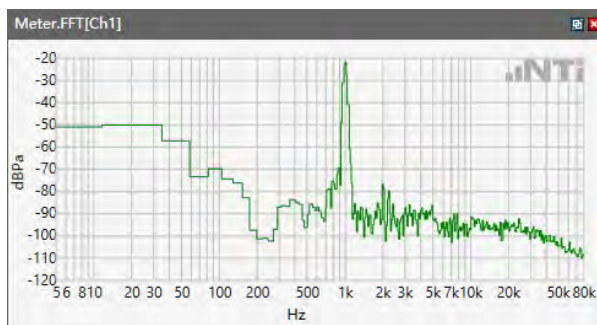
Speech Level RCV: 79.30 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\WCDMA Band IV



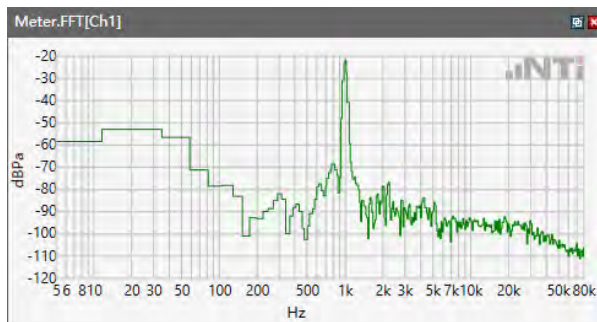
Speech Level RCV: 80.82 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\WCDMA Band V



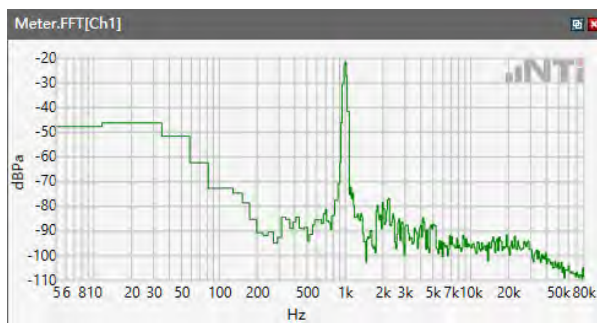
Speech Level RCV: 78.93 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\LTE Band 7



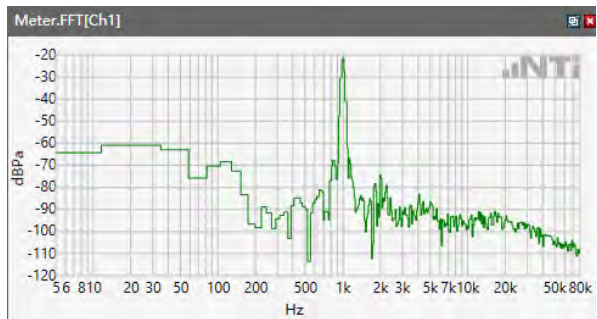
Speech Level RCV: 78.53 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\LTE Band 12



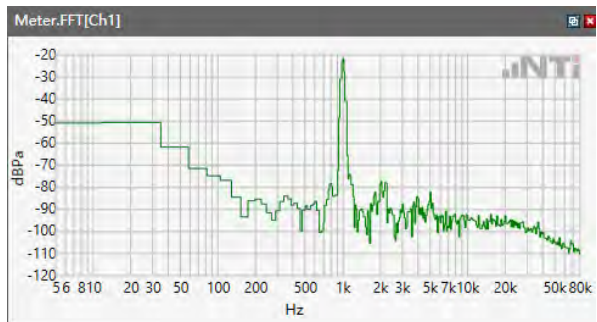
Speech Level RCV: 78.33 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 13



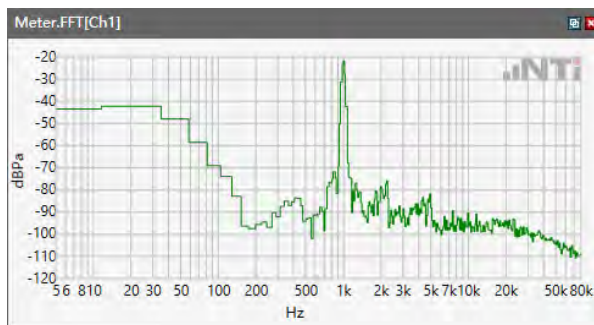
Speech Level RCV: 78.03 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 14



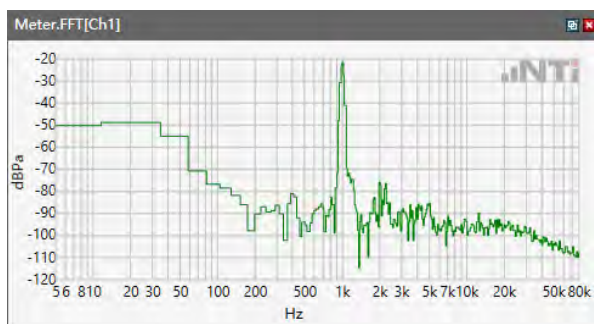
Speech Level RCV: 77.67 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 25



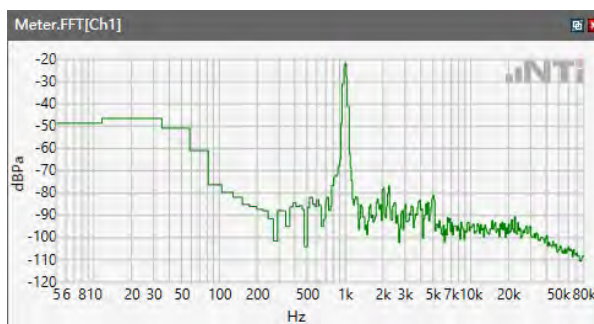
Speech Level RCV: 77.46 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 26



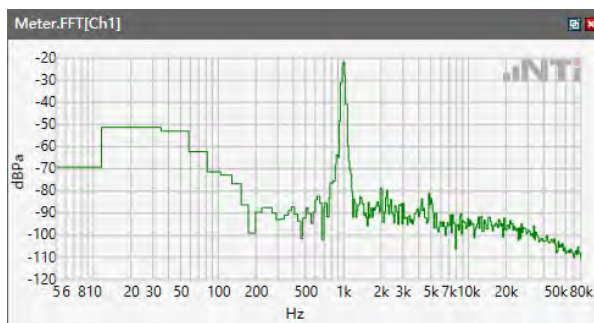
Speech Level RCV: 78.71 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 30



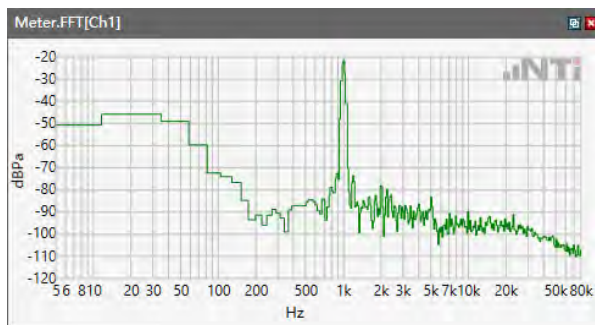
Speech Level RCV: 78.30 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 41



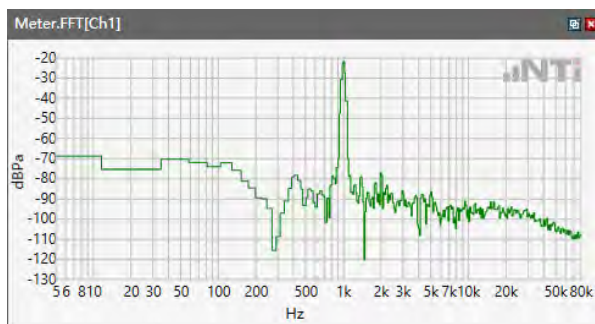
Speech Level RCV: 78.38 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 48



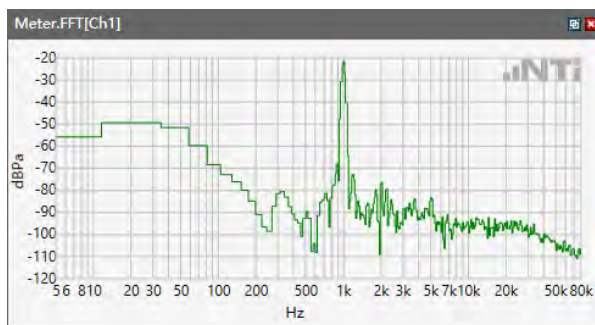
Speech Level RCV: 77.97 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 66



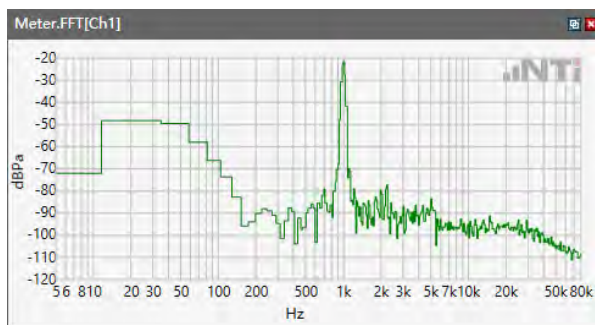
Speech Level RCV: 78.69 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ LTE Band 71



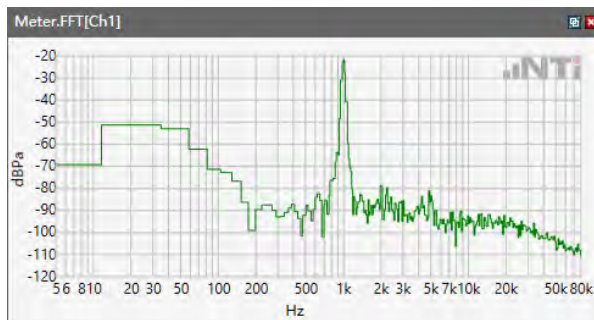
Speech Level RCV: 77.77 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n7



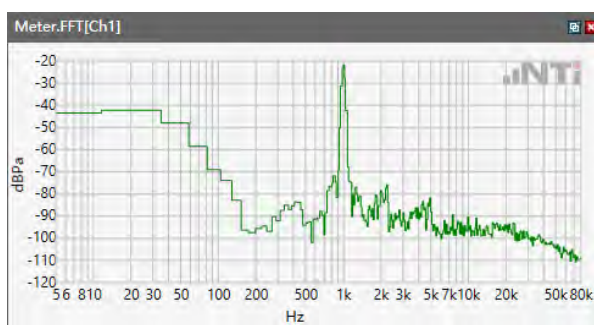
Speech Level RCV: 78.28 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n25



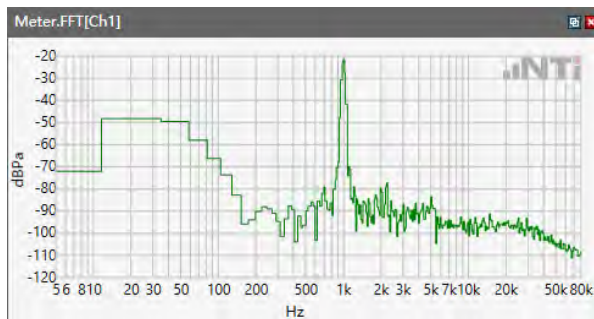
Speech Level RCV: 78.74 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n26



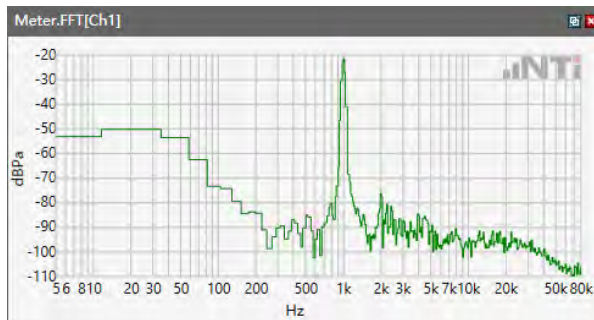
Speech Level RCV: 78.26 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n30



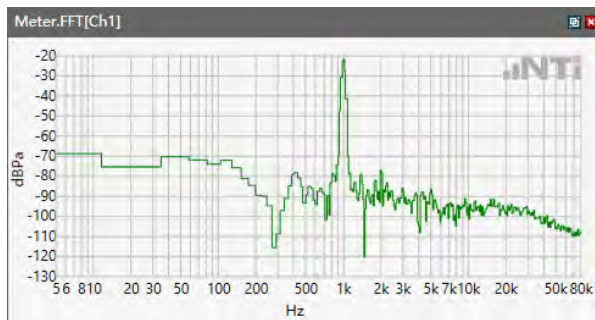
Speech Level RCV: 79.12 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n41



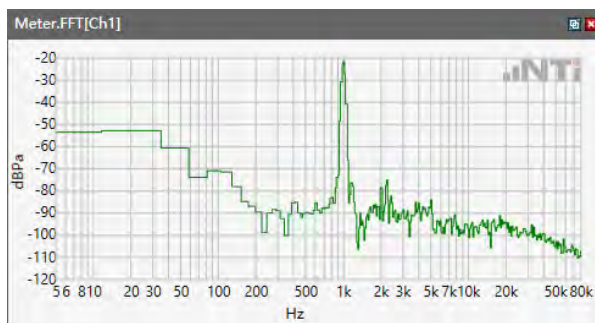
Speech Level RCV: 78.65 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n48



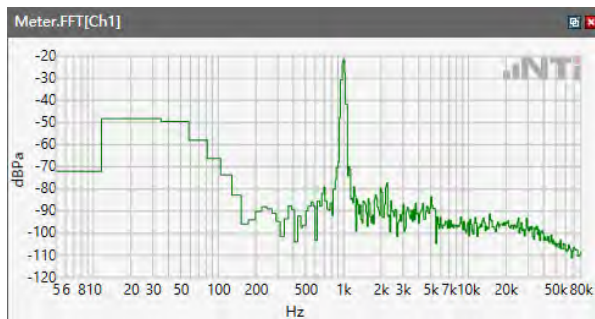
Speech Level RCV: 77.59 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n66



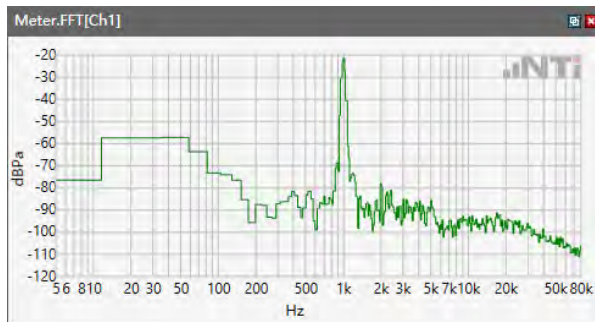
Speech Level RCV: 77.67 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n71



Speech Level RCV: 78.36 dB[SPL]

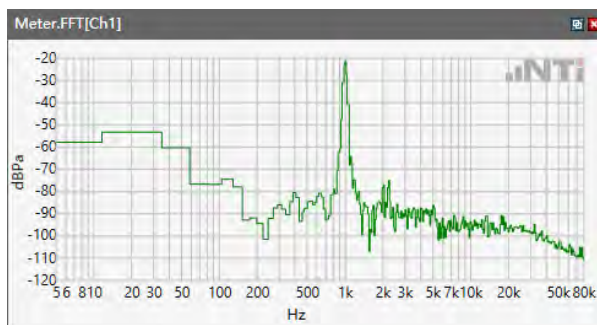
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5GNR n77



Speech Level RCV: 78.41 dB[SPL]

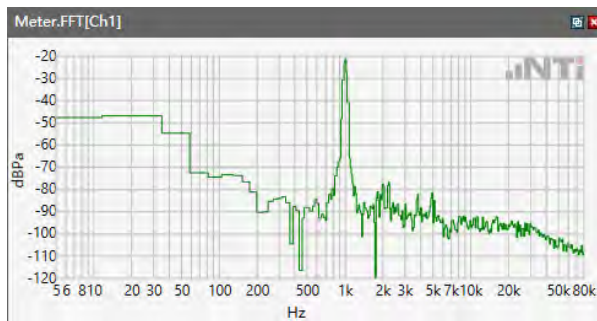
## 5.1 Receive Volume Control Performance 8N&2N EVS NB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\LTE Band 7



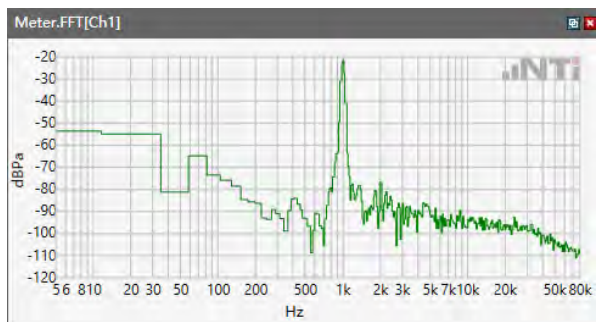
Speech Level RCV: 84.07 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\LTE Band 12



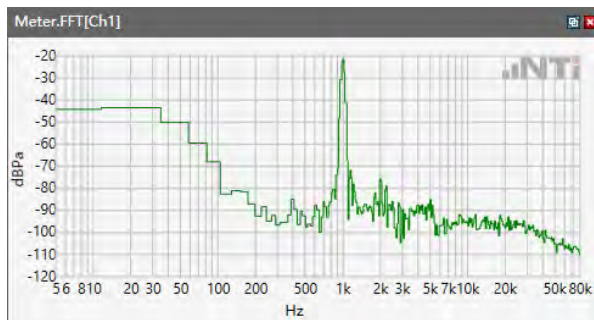
Speech Level RCV: 84.78 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 13



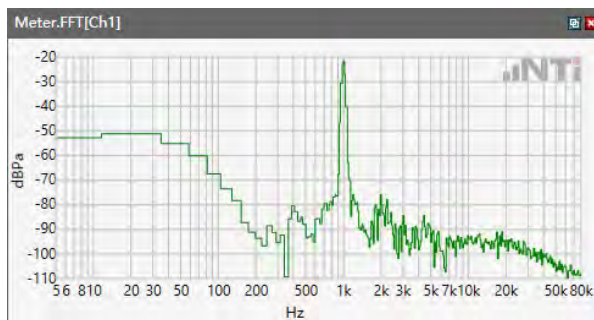
Speech Level RCV: 84.15 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 14



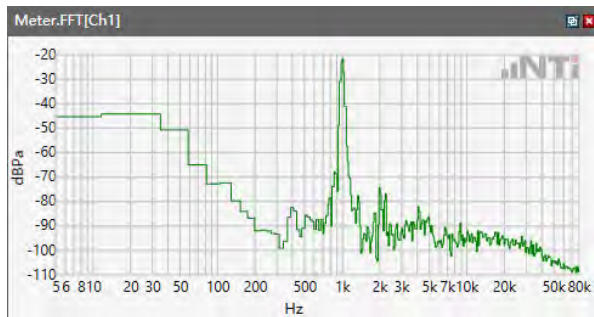
Speech Level RCV: 84.46 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 25



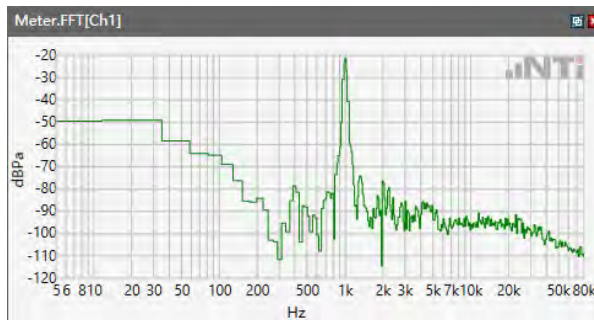
Speech Level RCV: 83.99 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 26



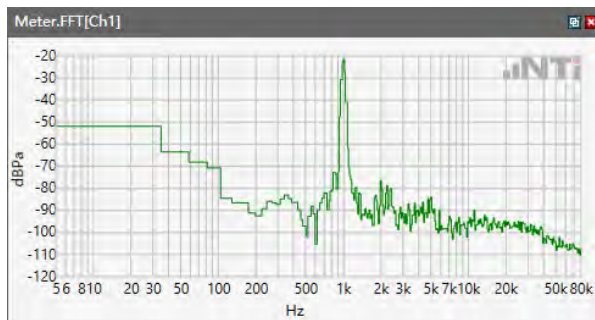
Speech Level RCV: 84.82 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 30



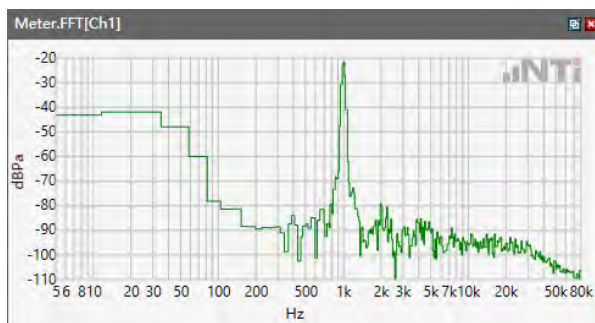
Speech Level RCV: 84.19 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 41



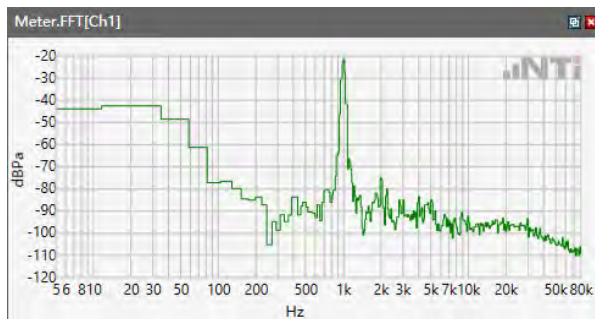
Speech Level RCV: 84.38 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 48



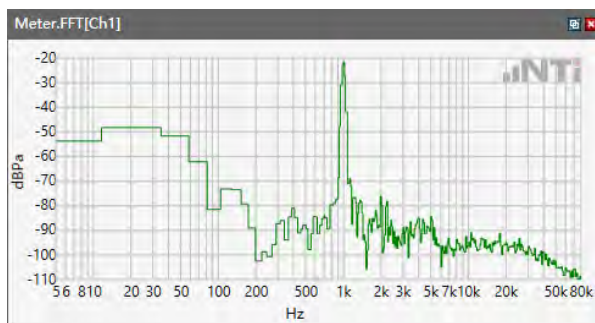
Speech Level RCV: 84.44 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 66



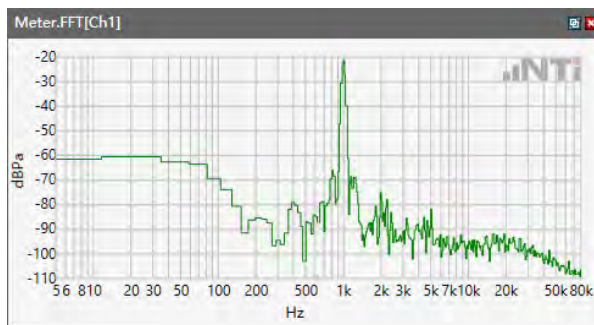
Speech Level RCV: 85.1 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ LTE Band 71



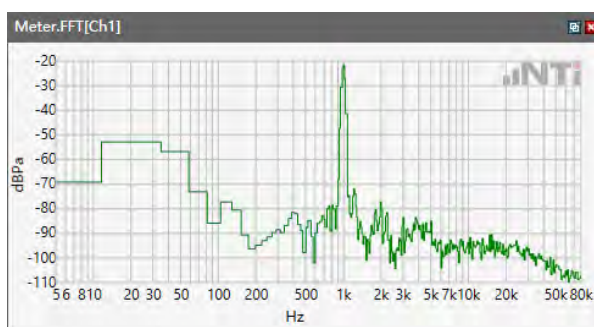
Speech Level RCV: 85.25 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n7



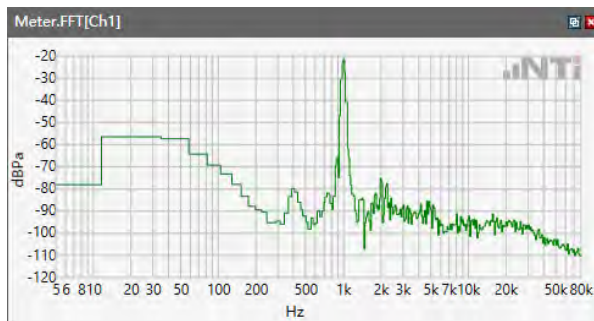
Speech Level RCV: 85.11 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n25



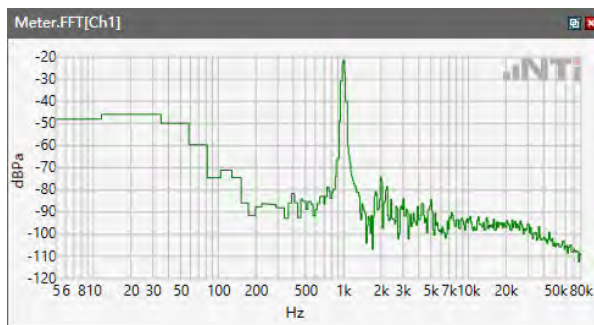
Speech Level RCV: 84.16 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n26



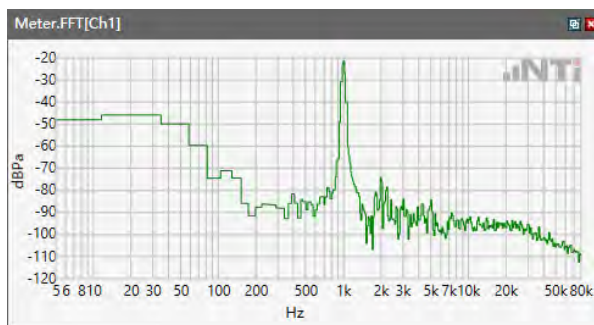
Speech Level RCV: 85.27 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n30



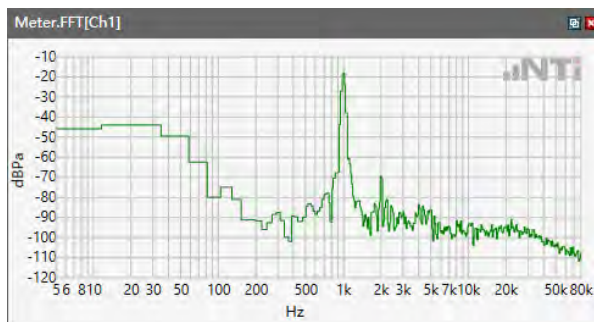
Speech Level RCV: 84.88 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n41



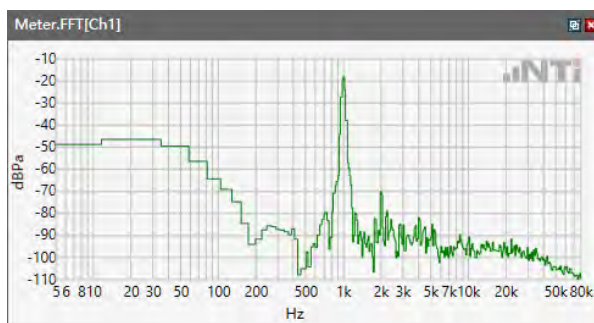
Speech Level RCV: 85.26 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n48



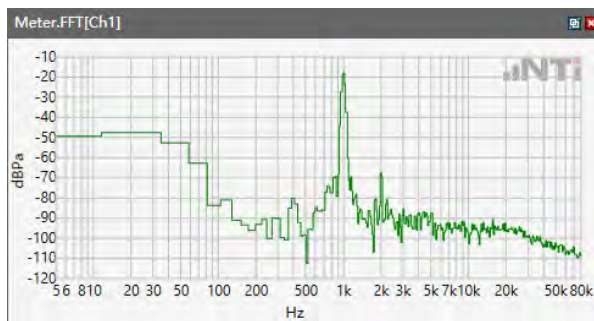
Speech Level RCV: 84.82 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n66



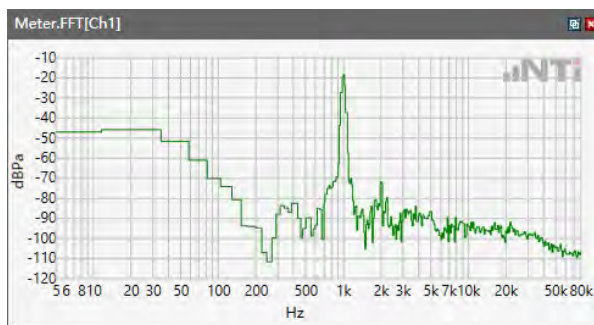
Speech Level RCV: 83.51 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n71



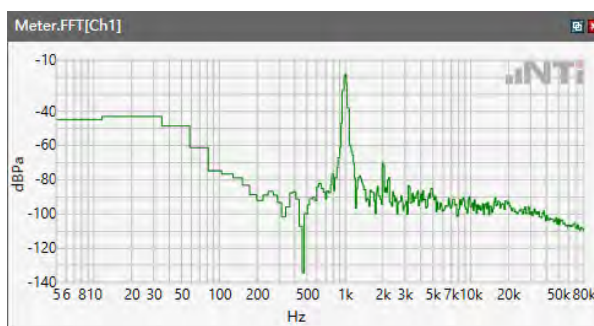
Speech Level RCV: 85.39 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4kbps\ 5GNR n77



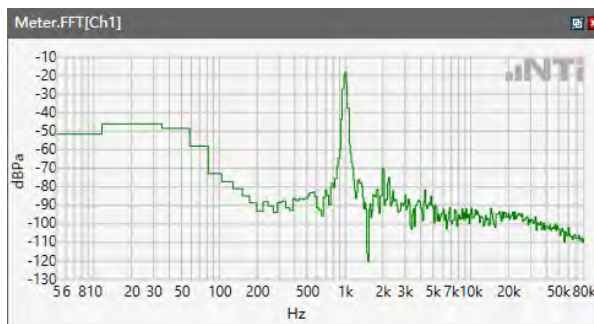
Speech Level RCV: 85.17 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\LTE Band 7



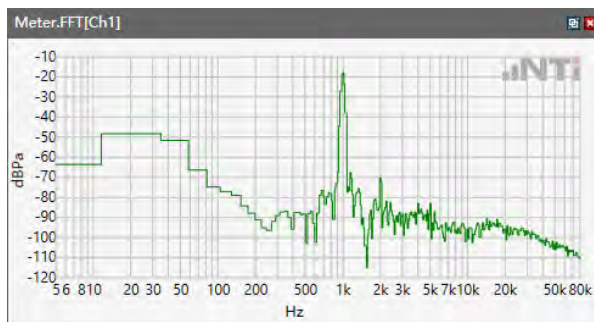
Speech Level RCV: 78.61 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\LTE Band 12



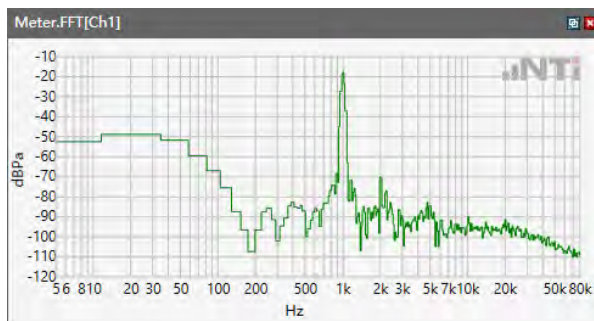
Speech Level RCV: 79.37 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 13



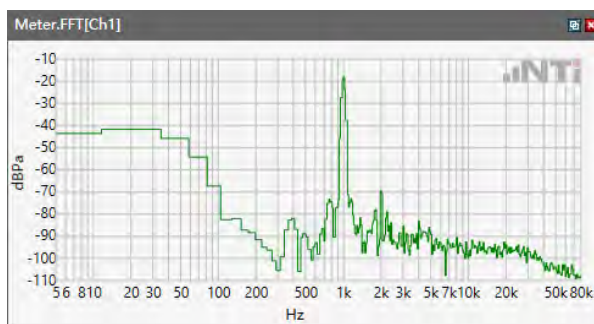
Speech Level RCV: 78.54 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 14



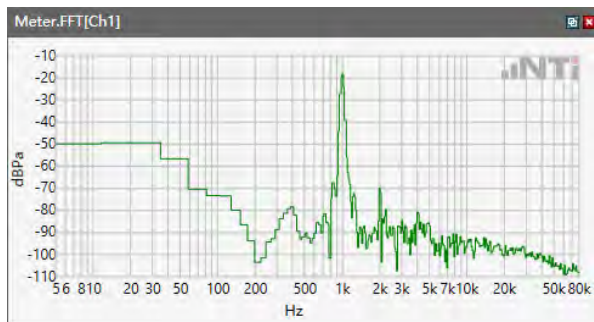
Speech Level RCV: 78.72 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 25



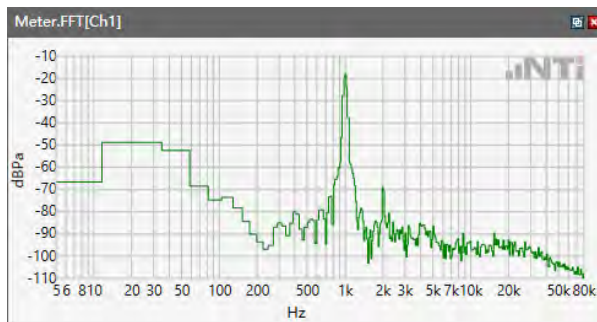
Speech Level RCV: 79.39 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 26



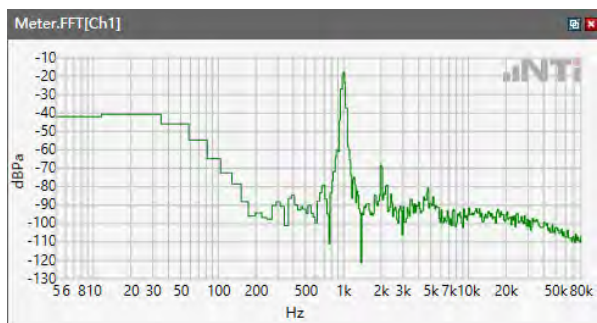
Speech Level RCV: 78.98 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 30



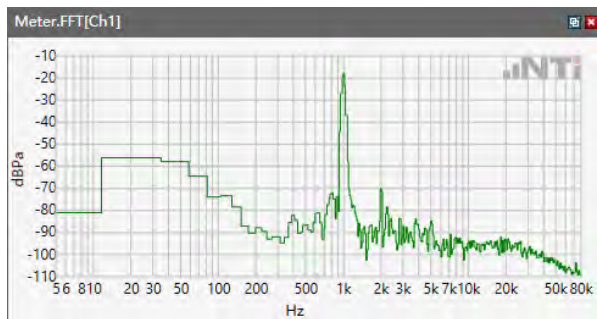
Speech Level RCV: 78.72 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 41



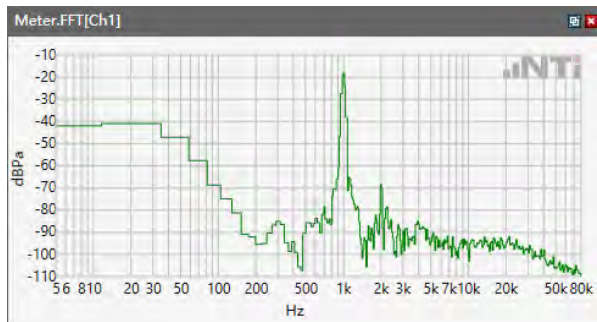
Speech Level RCV: 79.28 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 48



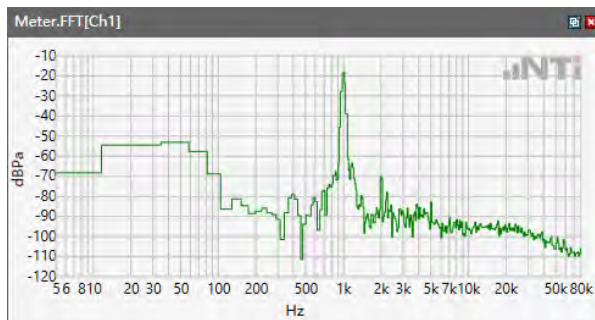
Speech Level RCV: 78.60 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 66



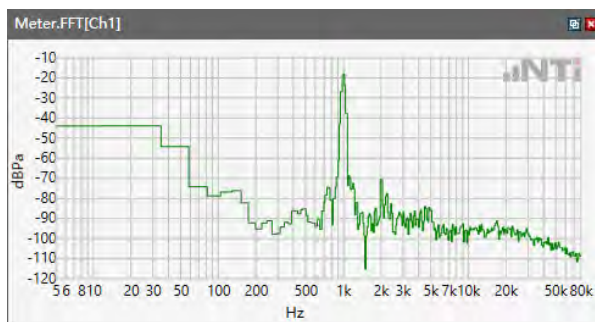
Speech Level RCV: 78.67 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ LTE Band 71



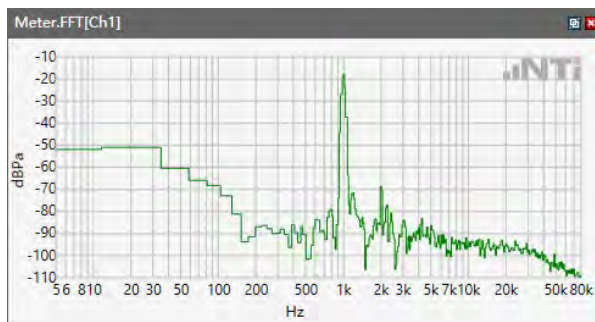
Speech Level RCV: 78.92 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5G NR n7



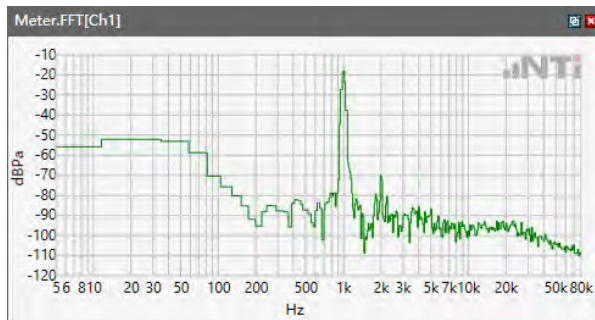
Speech Level RCV: 78.55 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5G NR n25



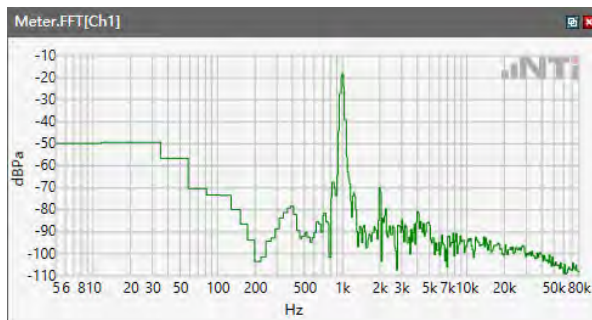
Speech Level RCV: 78.70 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5G NR n26



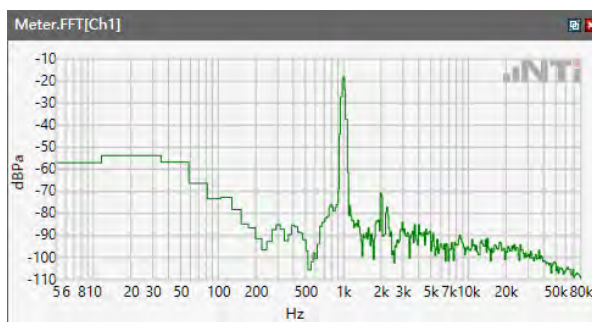
Speech Level RCV: 78.55 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n30



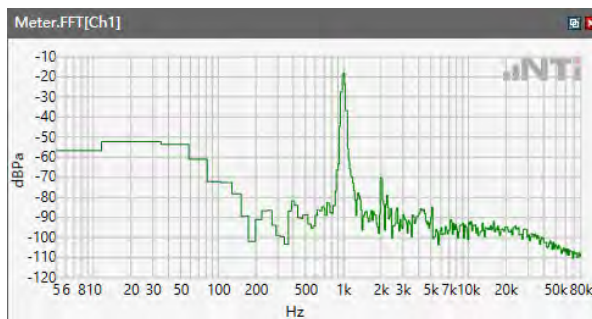
Speech Level RCV: 79.62 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n41



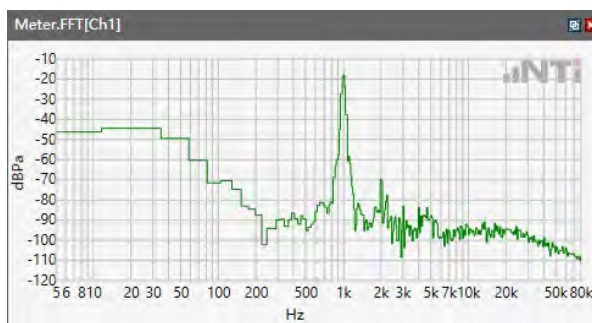
Speech Level RCV: 79.36 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n48



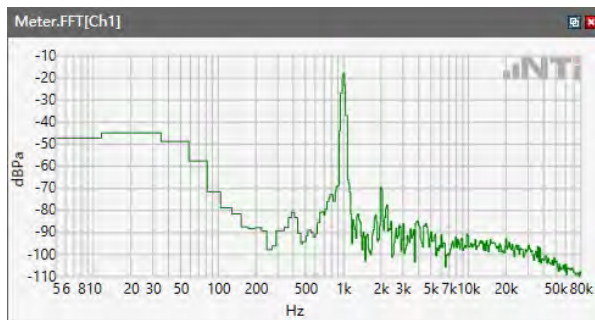
Speech Level RCV: 79.31 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n66



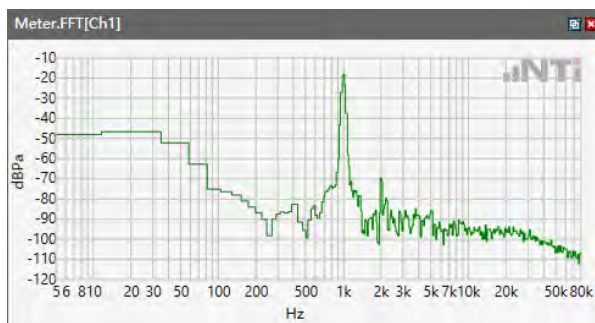
Speech Level RCV: 79.19 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n71



Speech Level RCV: 79.38 dB[SPL]

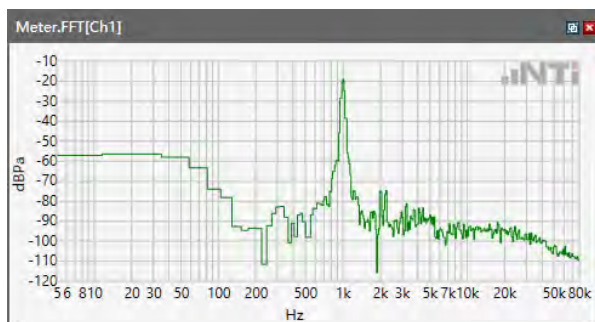
ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS NB 24.4kbps\ 5GNR n77



Speech Level RCV: 79.37 dB[SPL]

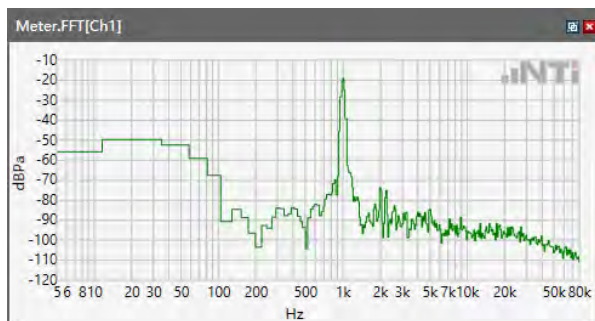
## 5.1 Receive Volume Control Performance 8N&2N EVS WB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\LTE Band 7



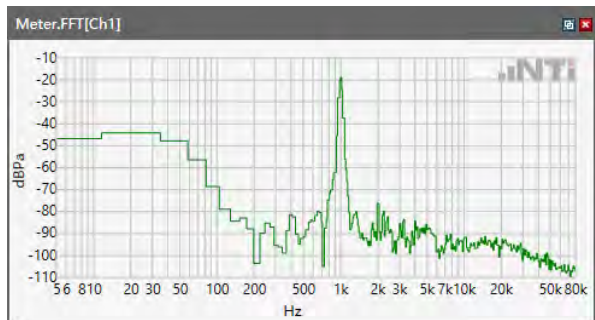
Speech Level RCV: 83.66 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\LTE Band 12



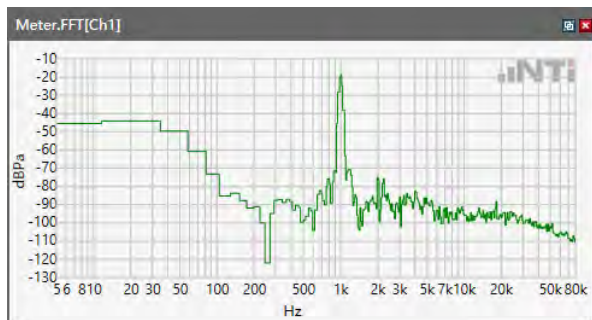
Speech Level RCV: 82.54 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 13



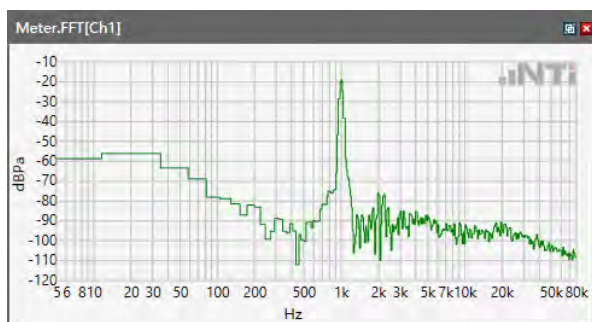
Speech Level RCV: 84.12 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 14



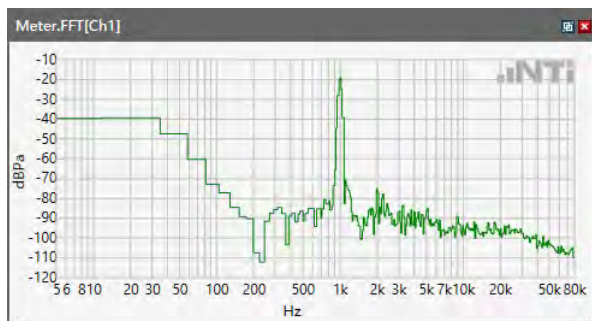
Speech Level RCV: 83.69 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 25



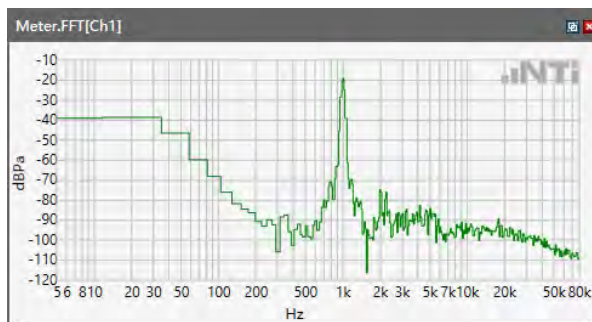
Speech Level RCV: 82.9 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 26



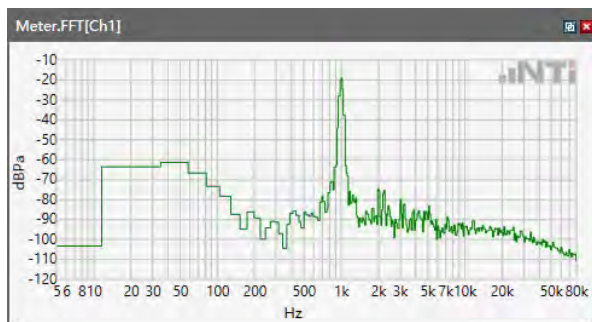
Speech Level RCV: 82.76 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 30



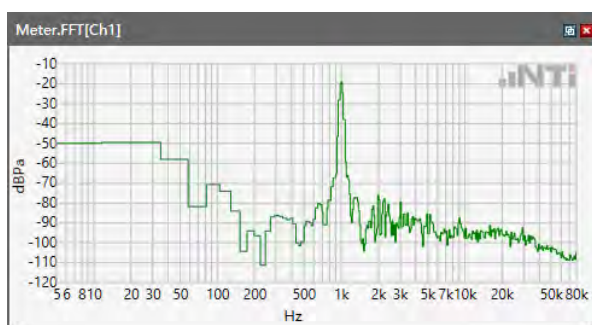
Speech Level RCV: 82.66 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 41



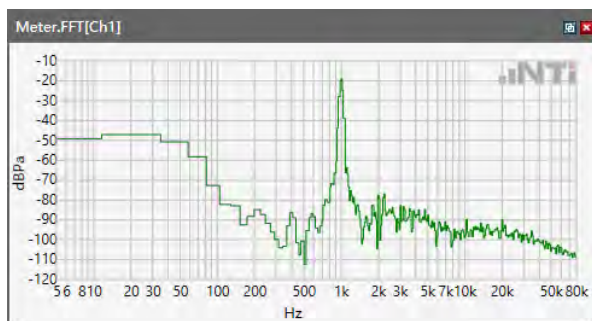
Speech Level RCV: 83.58 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 48



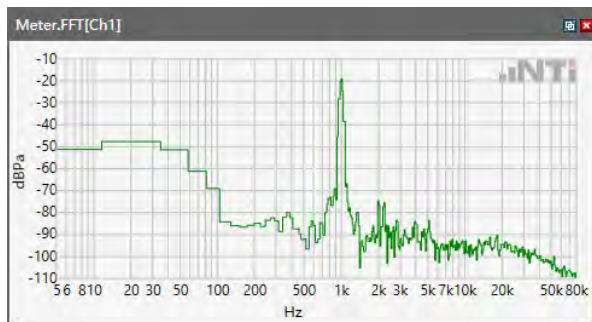
Speech Level RCV: 83.35 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 66



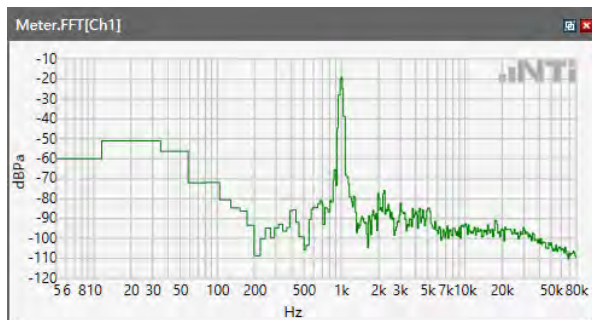
Speech Level RCV: 82.5 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ LTE Band 71



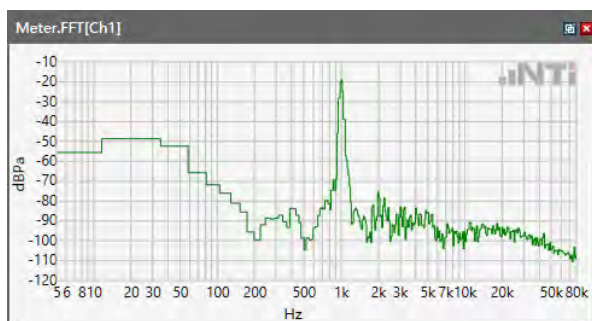
Speech Level RCV: 83.44 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n7



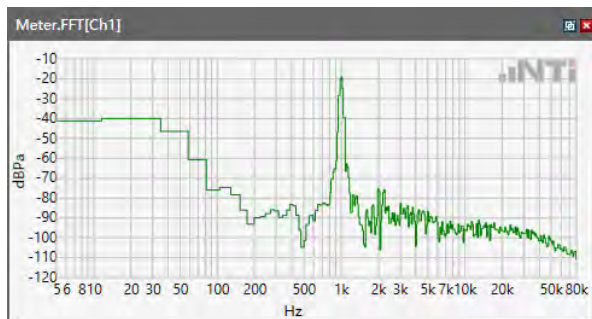
Speech Level RCV: 82.39 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n25



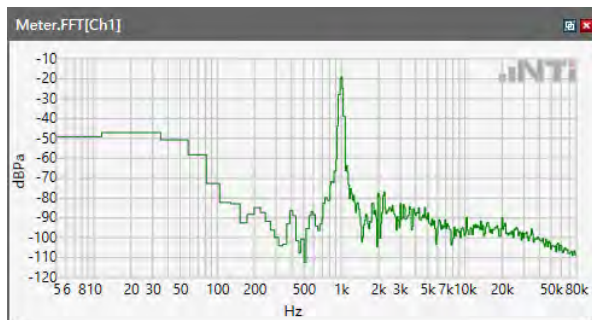
Speech Level RCV: 82.89 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n26



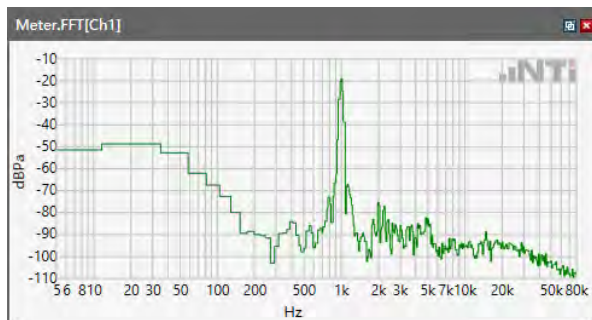
Speech Level RCV: 82.64 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n30



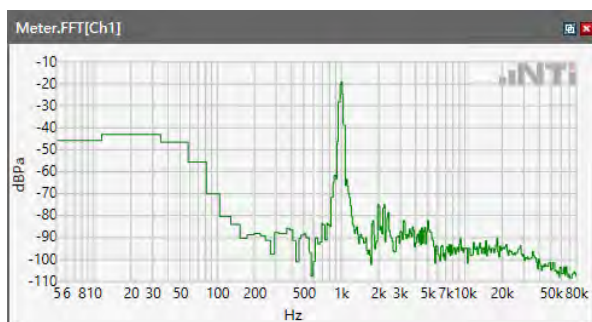
Speech Level RCV: 83.92 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n41



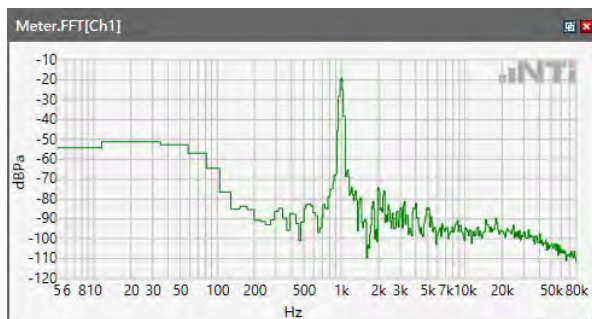
Speech Level RCV: 83.42 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n48



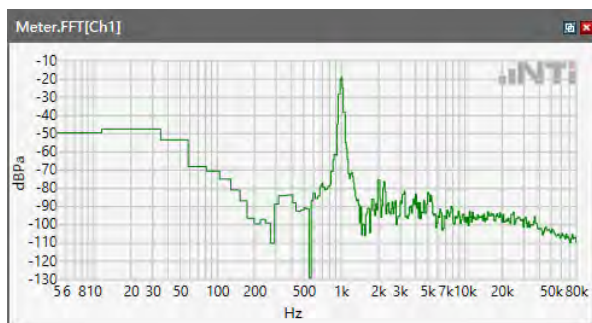
Speech Level RCV: 83.78 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n66



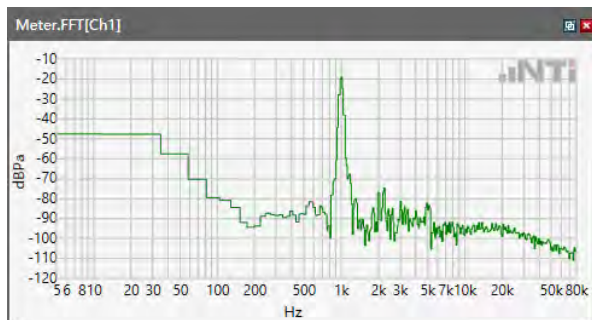
Speech Level RCV: 83.6 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n71



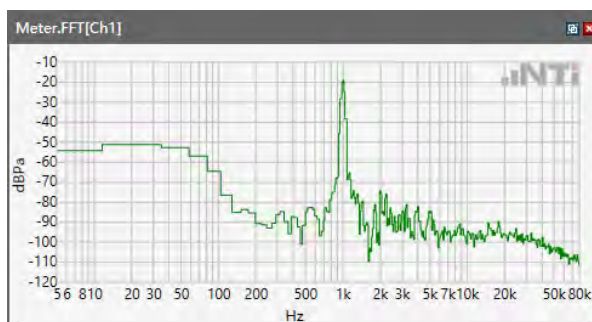
Speech Level RCV: 82.79 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128kbps\ 5GNR n77



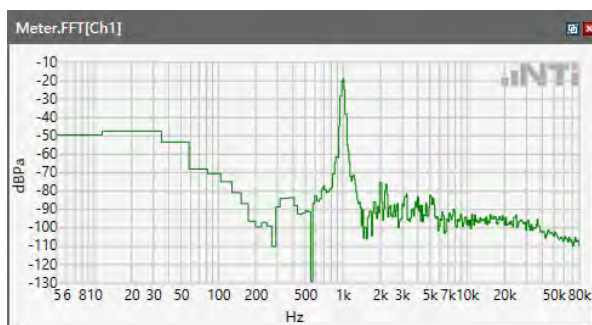
Speech Level RCV: 84.13 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\LTE Band 7



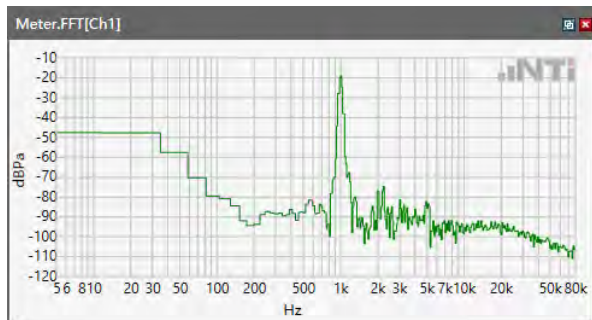
Speech Level RCV: 79.23 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\LTE Band 12



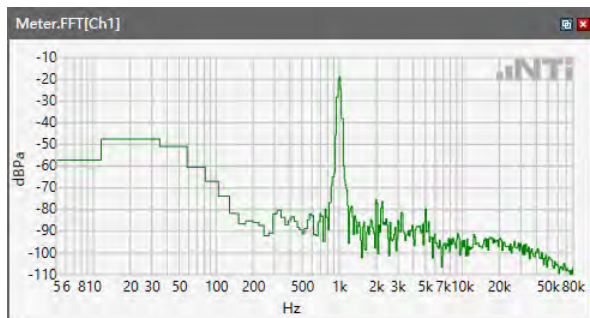
Speech Level RCV: 80.73 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 13



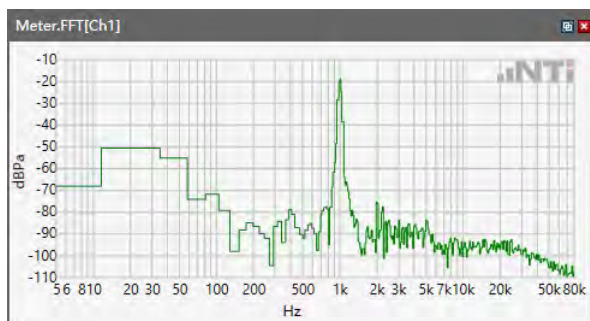
Speech Level RCV: 79.07 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 14



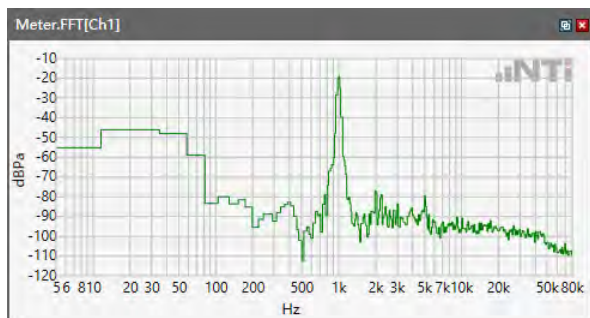
Speech Level RCV: 80.73 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 25



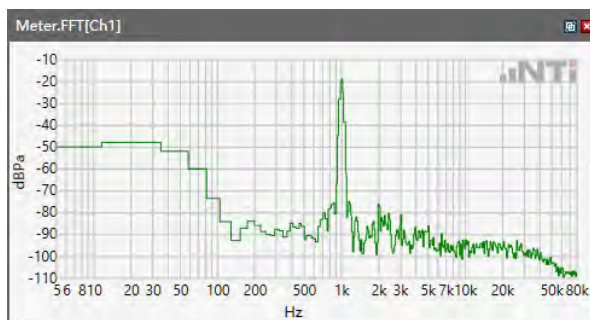
Speech Level RCV: 80.35 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 26



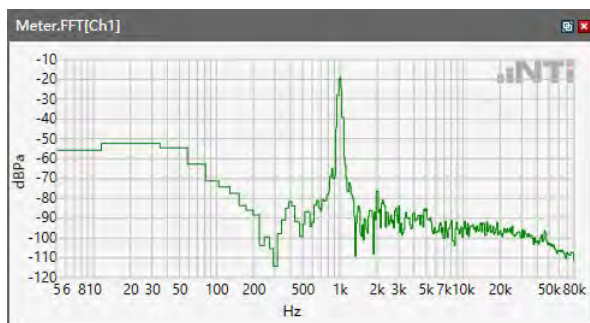
Speech Level RCV: 79.79 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 30



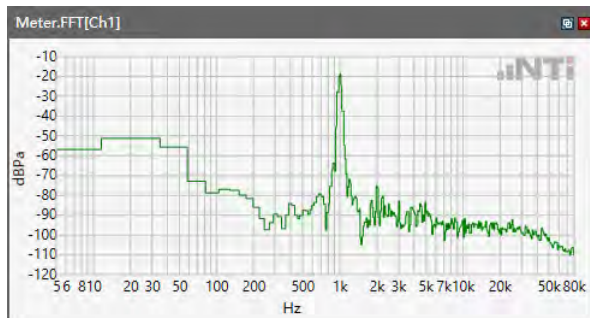
Speech Level RCV: 80.76 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 41



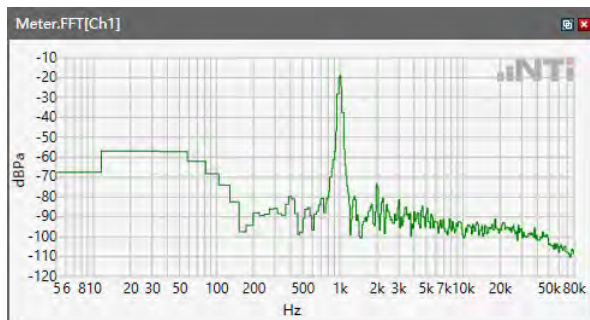
Speech Level RCV: 79.53 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 48



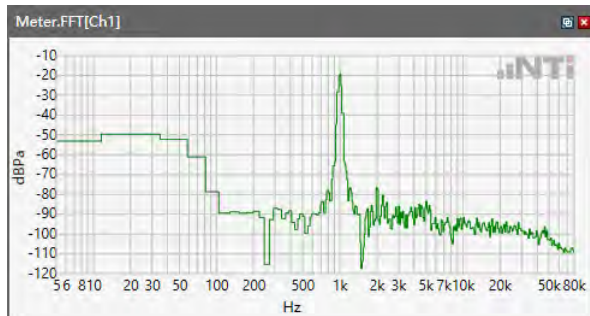
Speech Level RCV: 80.61 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 66



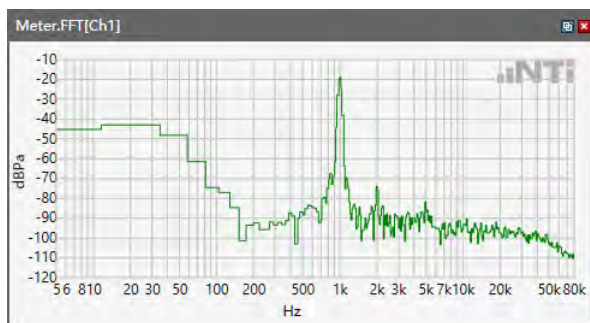
Speech Level RCV: 79.57 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ LTE Band 71



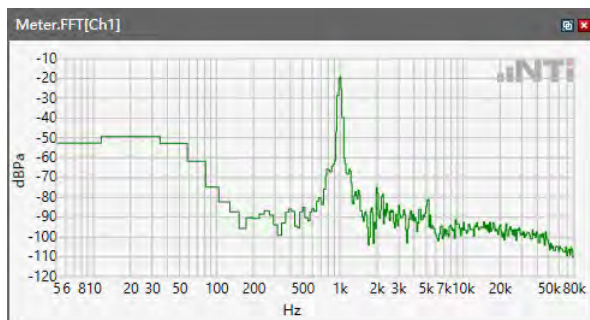
Speech Level RCV: 80.46 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5G NR n7



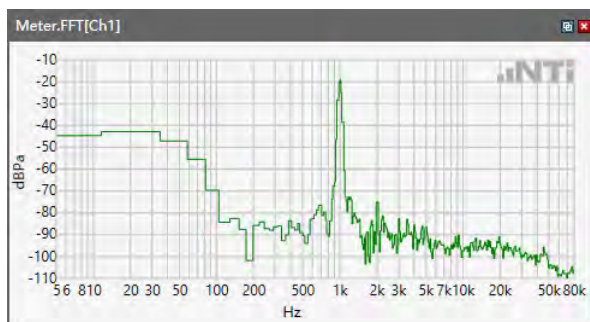
Speech Level RCV: 80.54 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n25



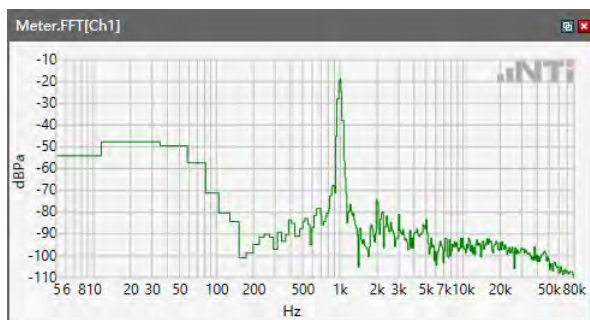
Speech Level RCV: 79.35 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n26



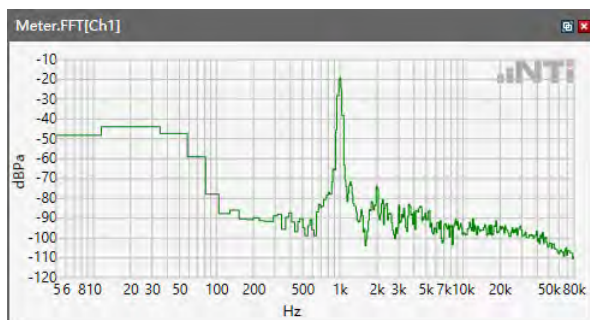
Speech Level RCV: 80.93 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n30



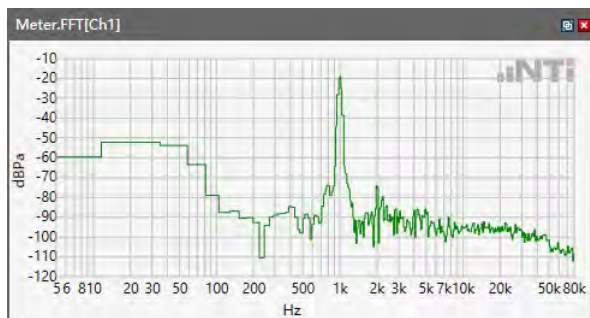
Speech Level RCV: 79.21 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n41



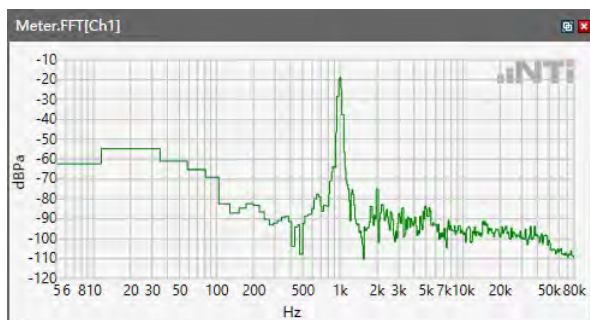
Speech Level RCV: 79.44 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n48



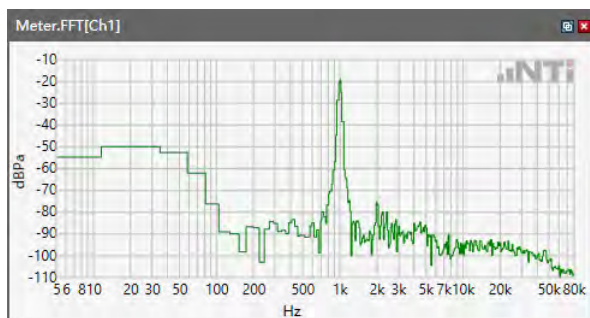
Speech Level RCV: 80.42 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n66



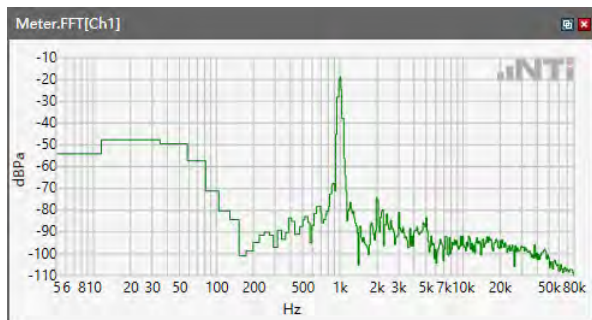
Speech Level RCV: 80.55 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n71



Speech Level RCV: 79.01 dB[SPL]

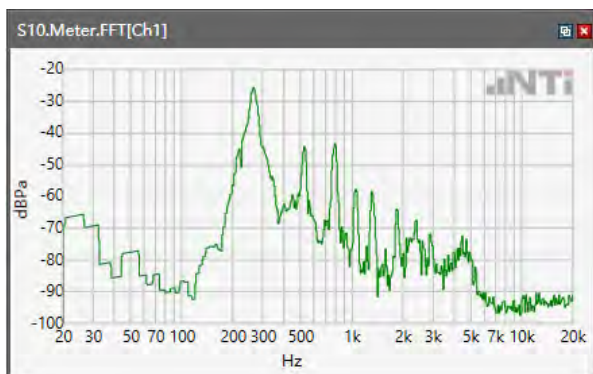
ANSI/TIA 5050-2018 \ 2N HAC OFF \ EVS WB 128kbps\ 5GNR n77



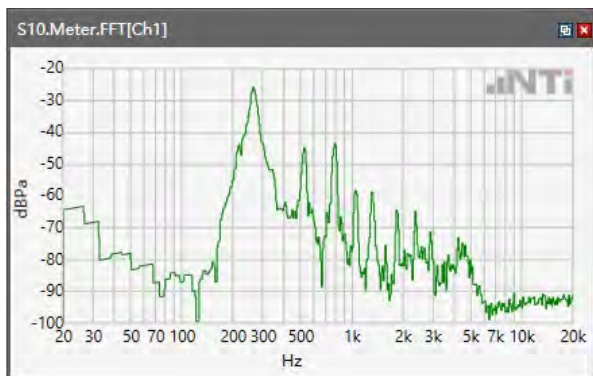
Speech Level RCV: 79.73 dB[SPL]

## 5.2 Receive path - distortion and noise 250Hz 8N&2N WB

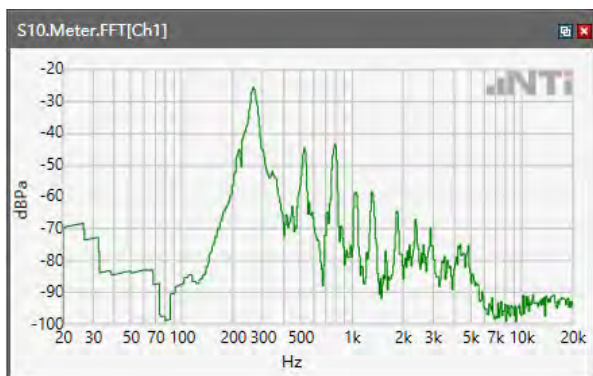
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



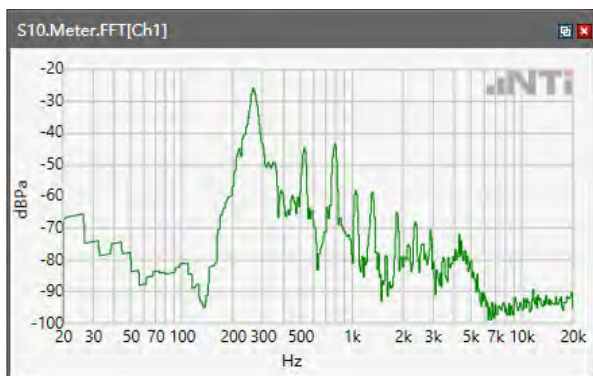
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



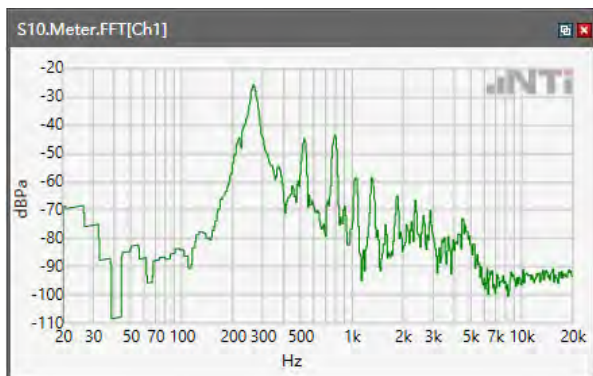
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



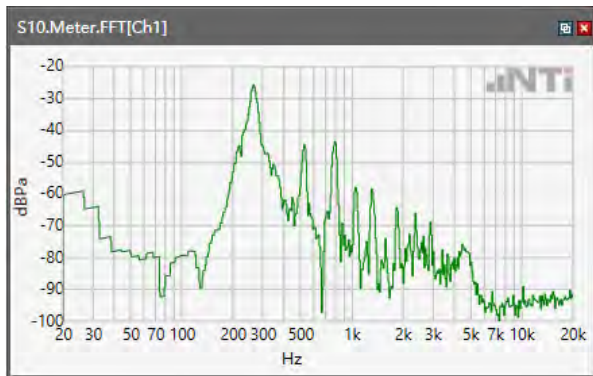
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



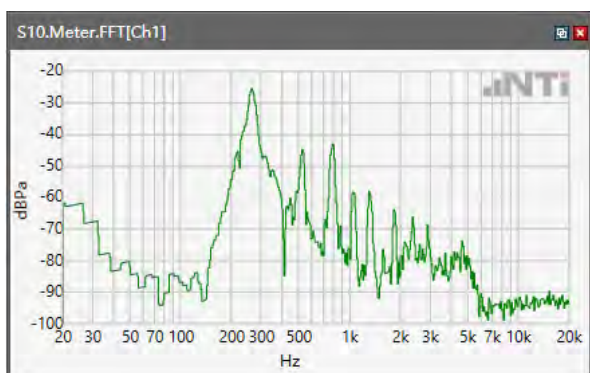
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



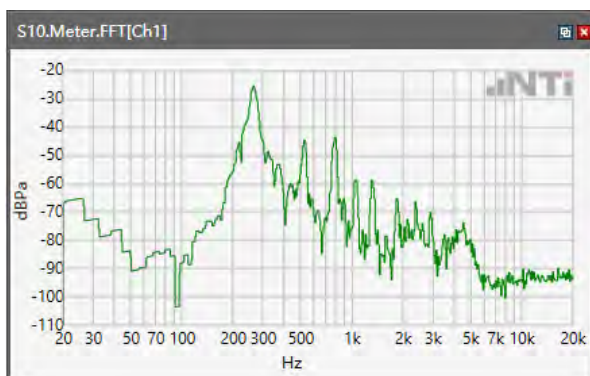
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



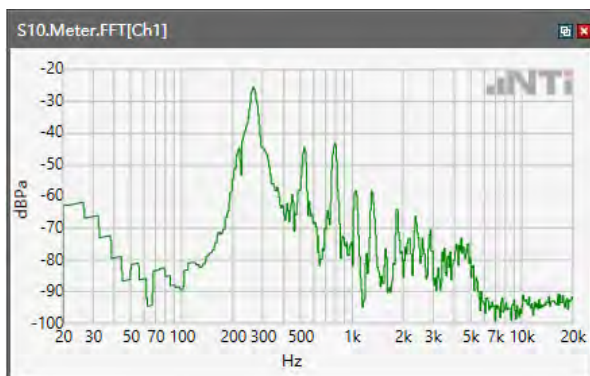
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



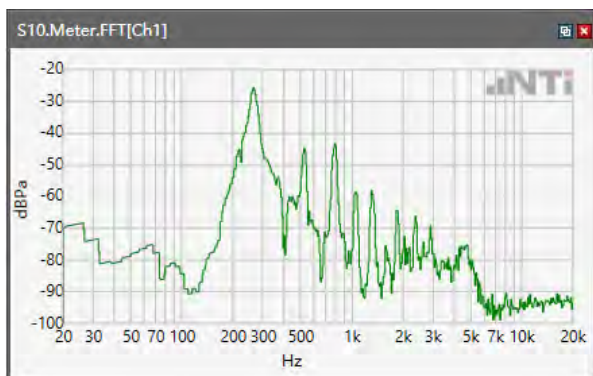
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



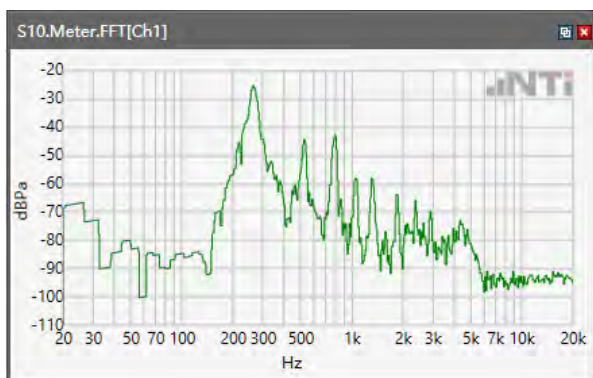
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



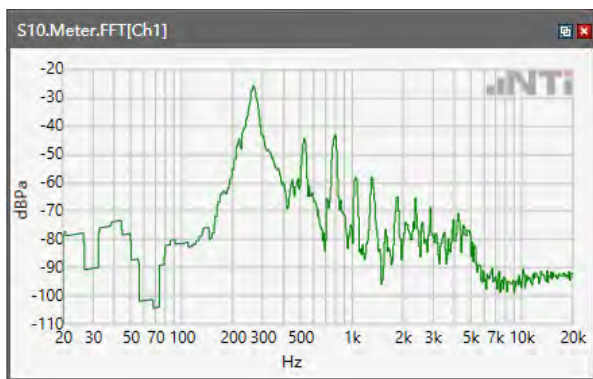
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



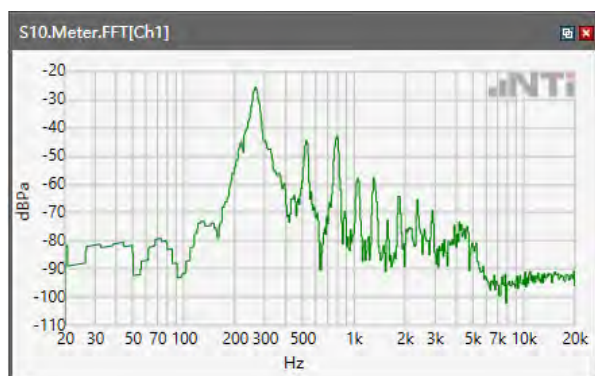
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



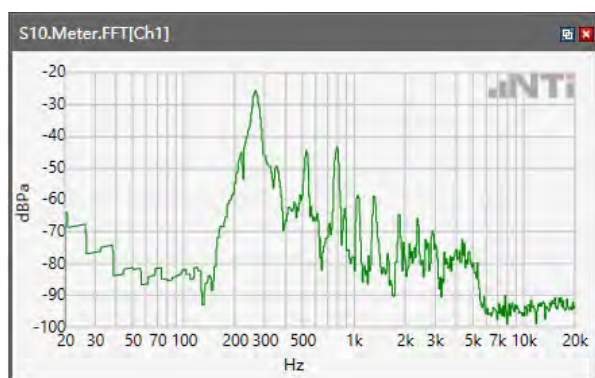
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



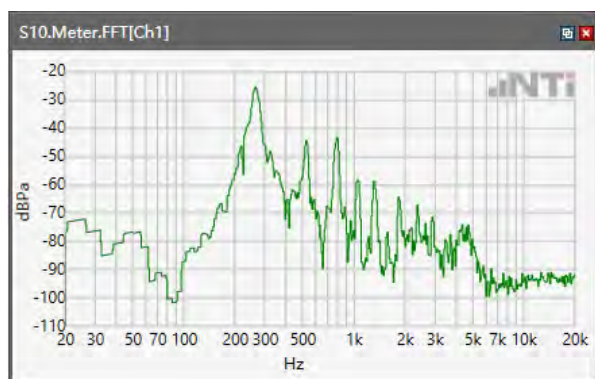
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



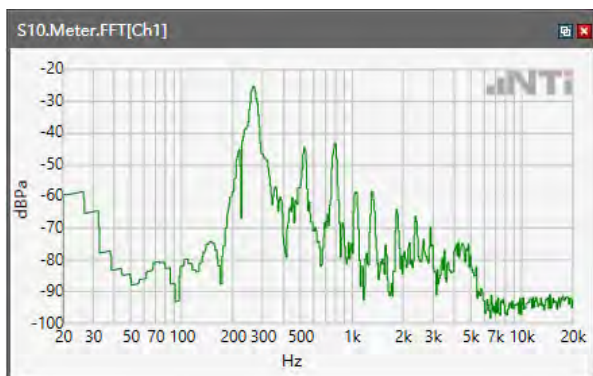
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



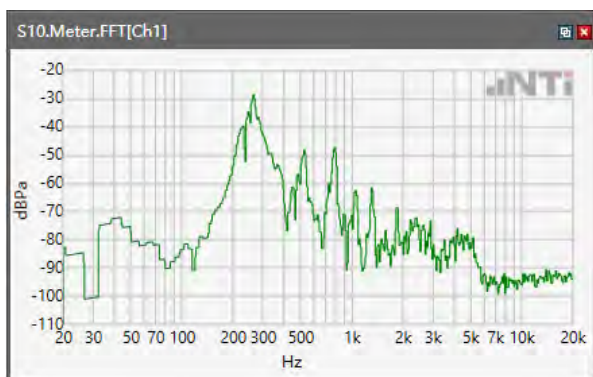
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



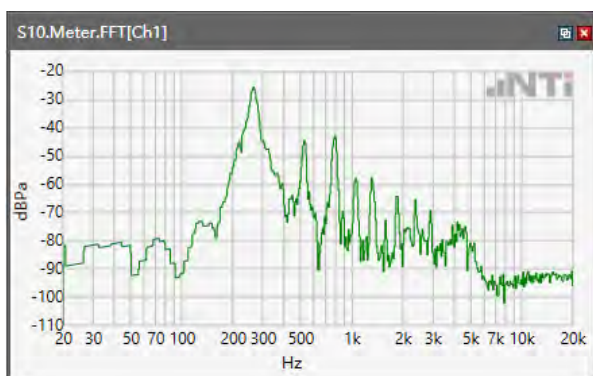
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



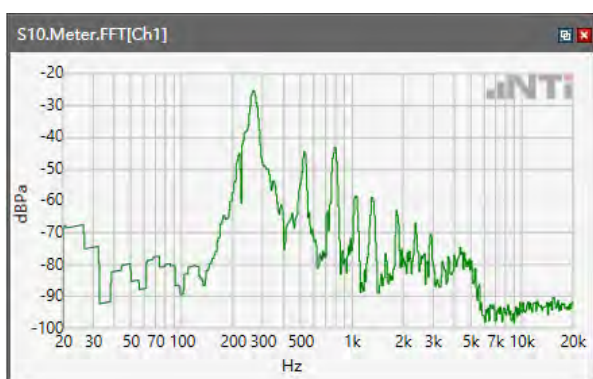
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



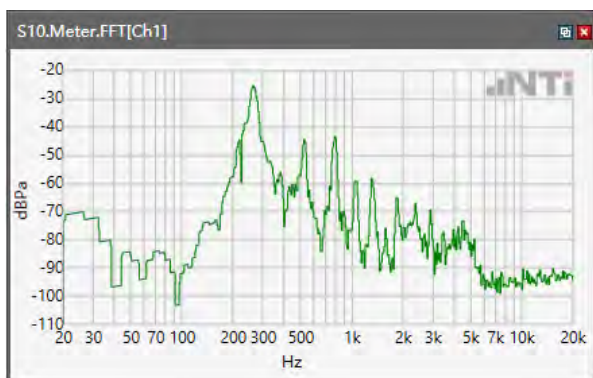
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



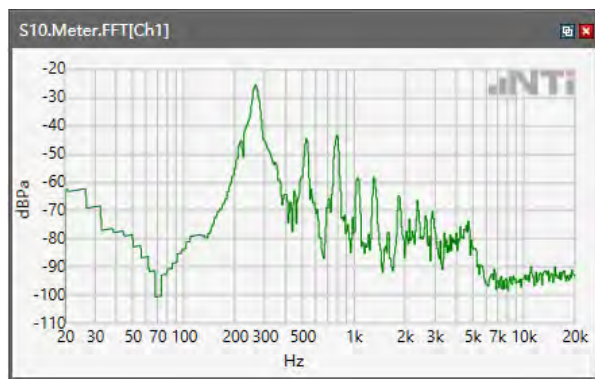
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



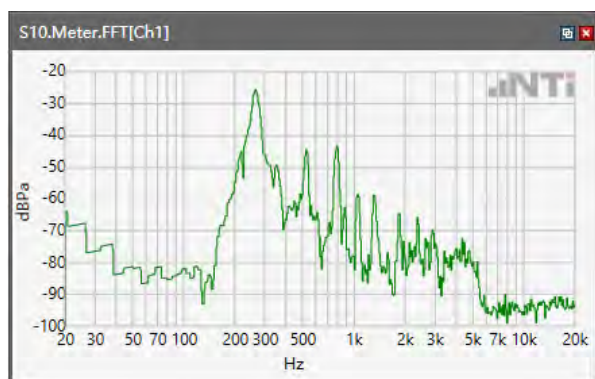
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



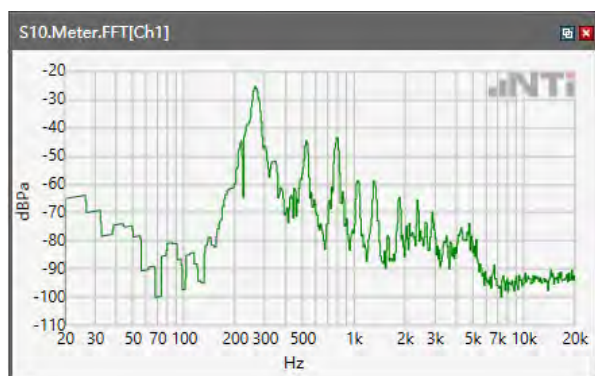
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



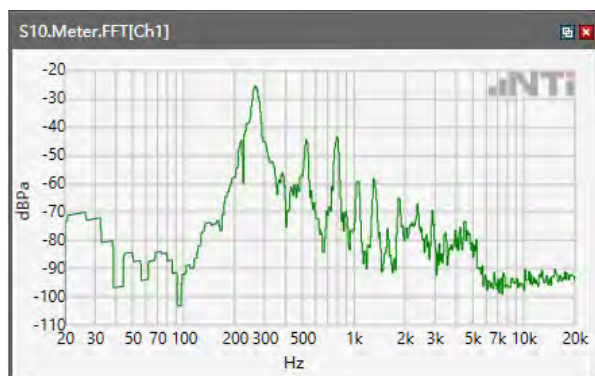
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



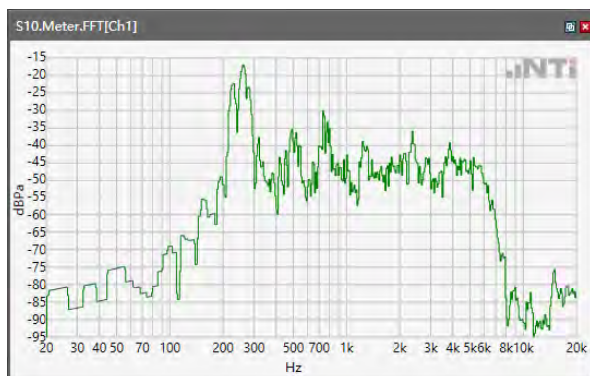
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n71



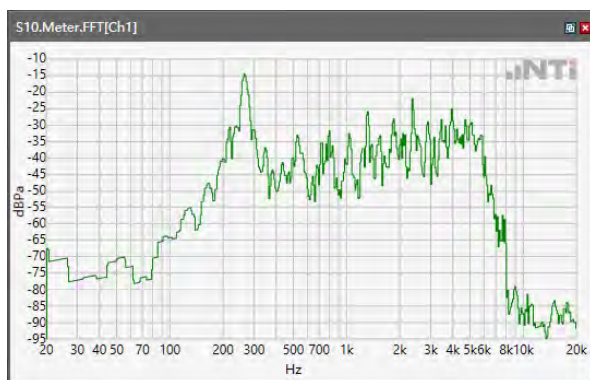
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n77



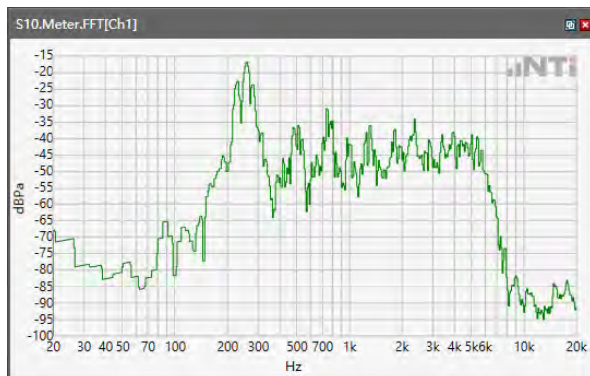
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



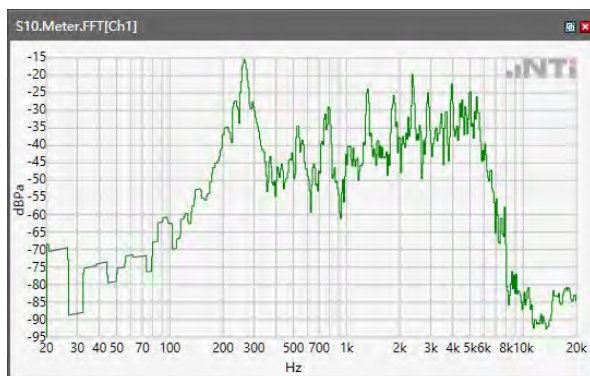
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



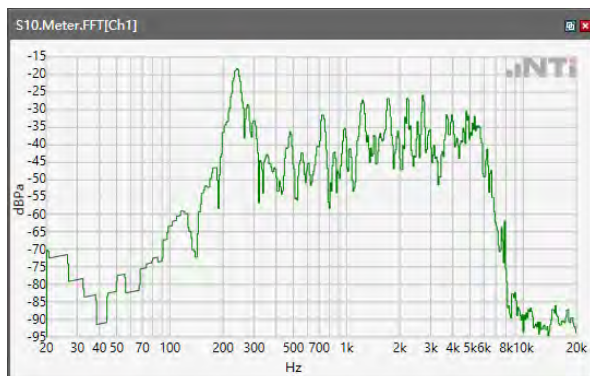
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



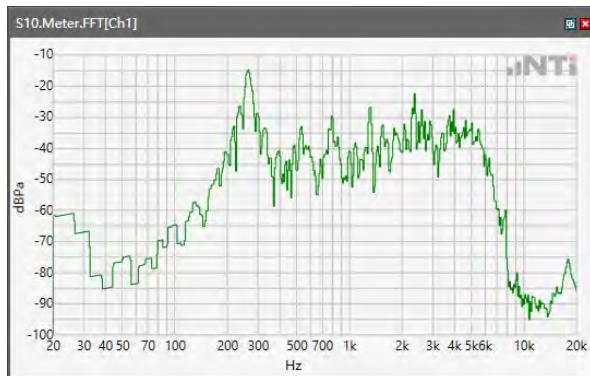
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



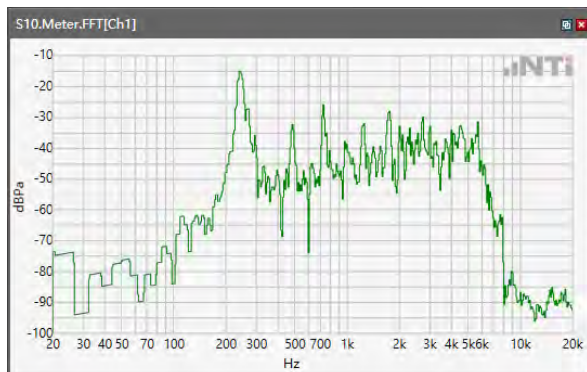
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



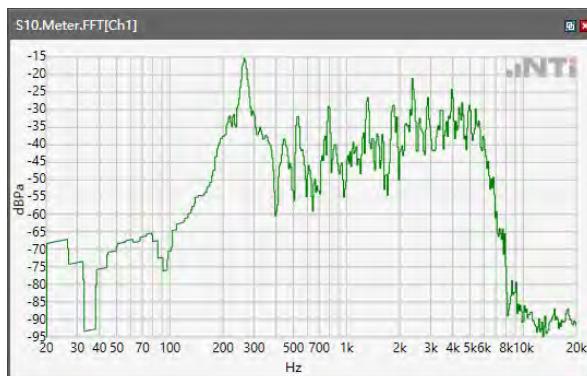
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



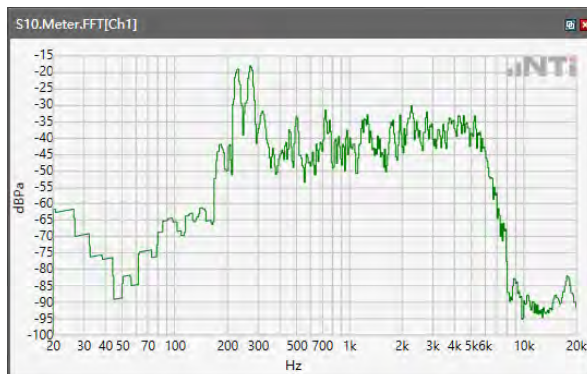
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



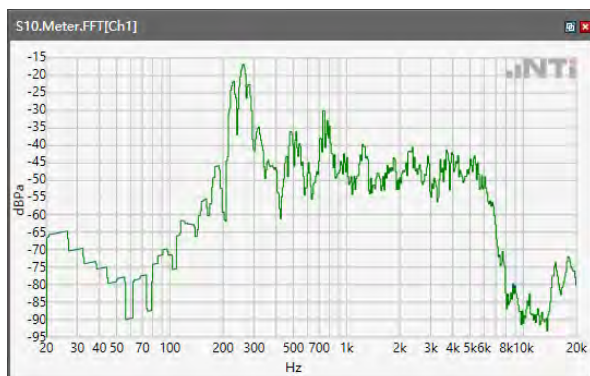
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



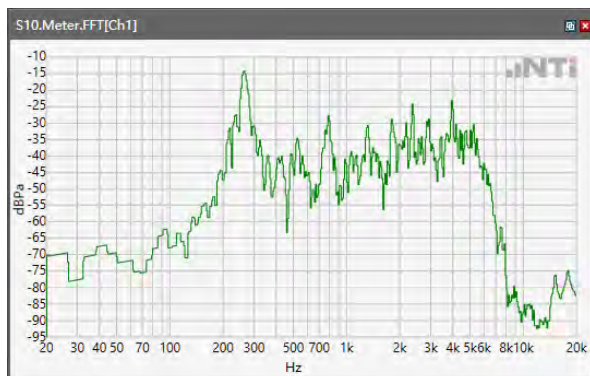
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



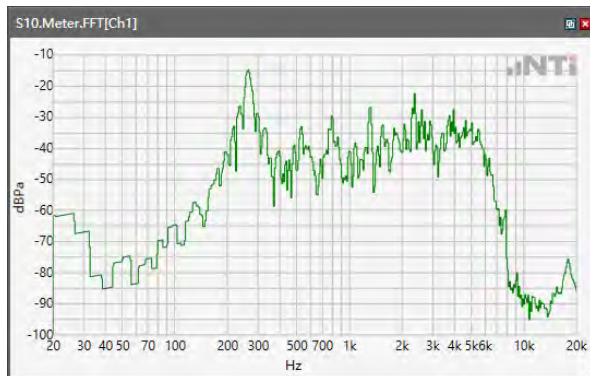
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



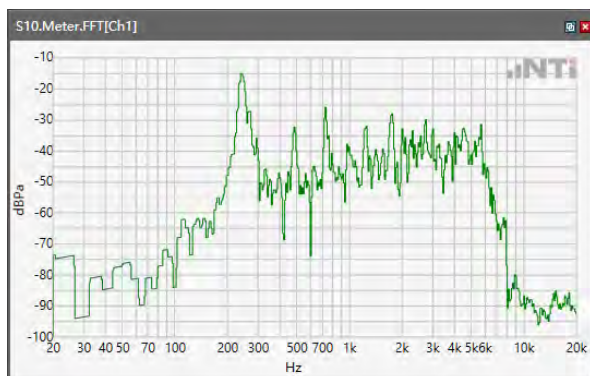
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



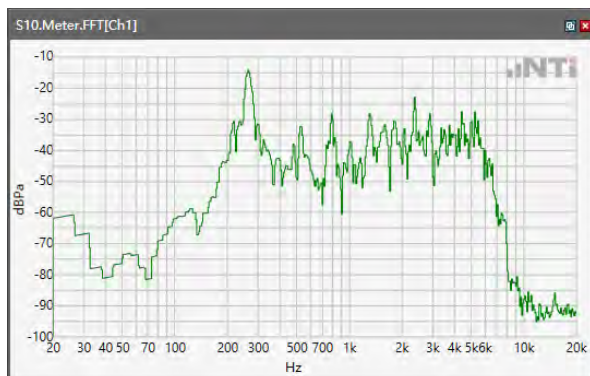
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



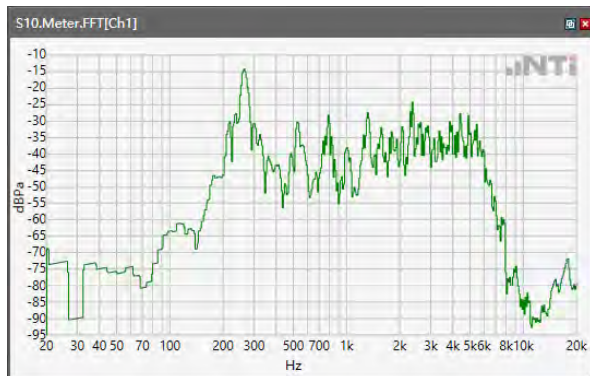
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



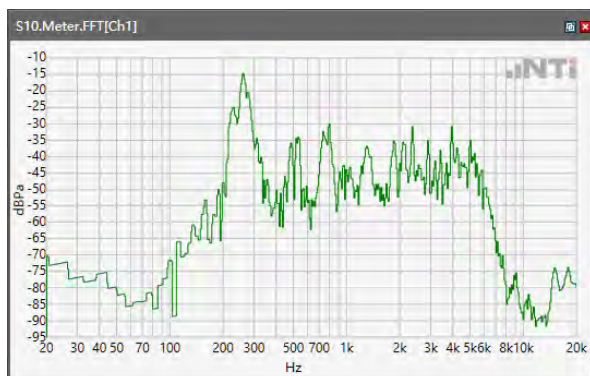
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



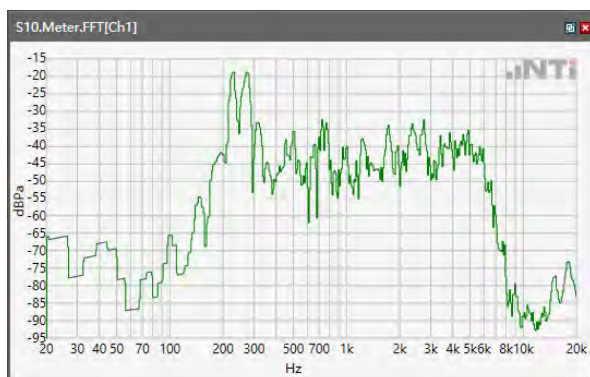
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



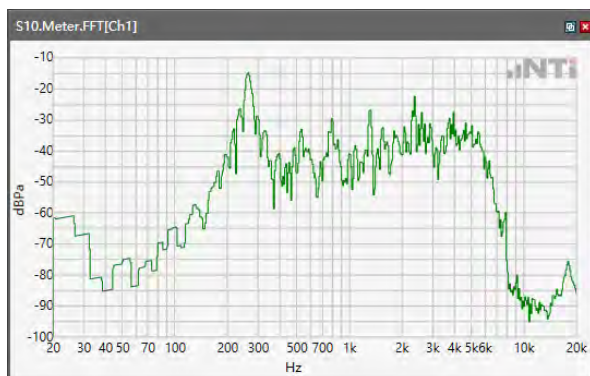
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



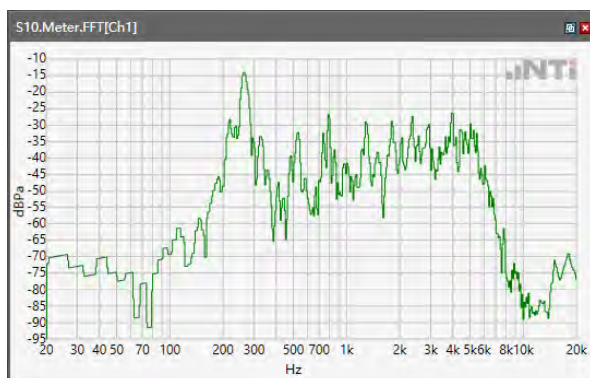
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



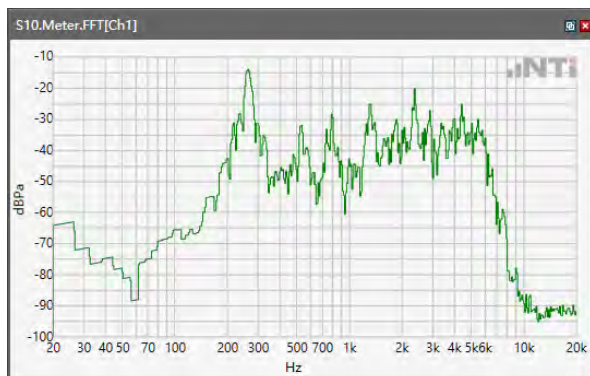
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



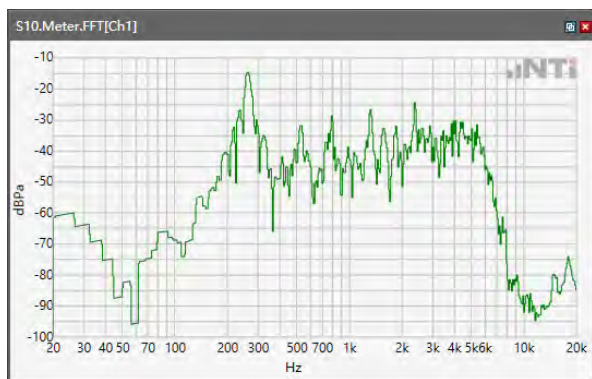
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



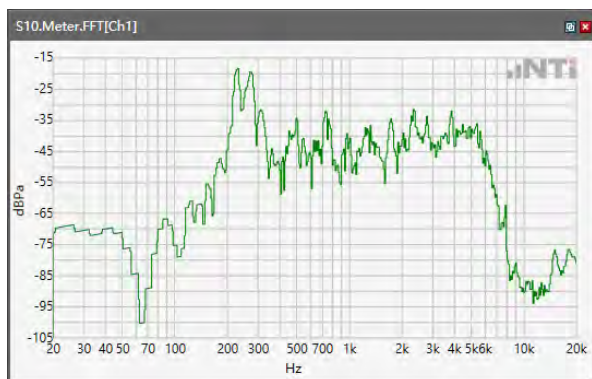
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



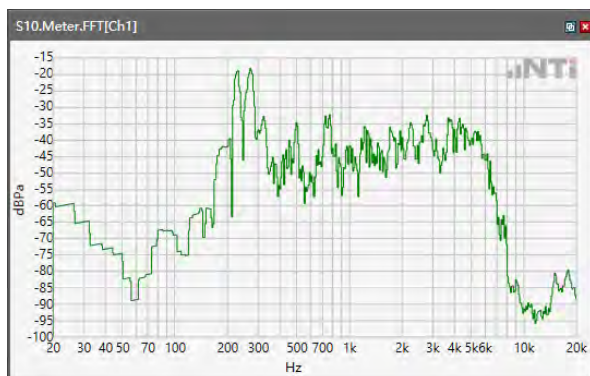
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



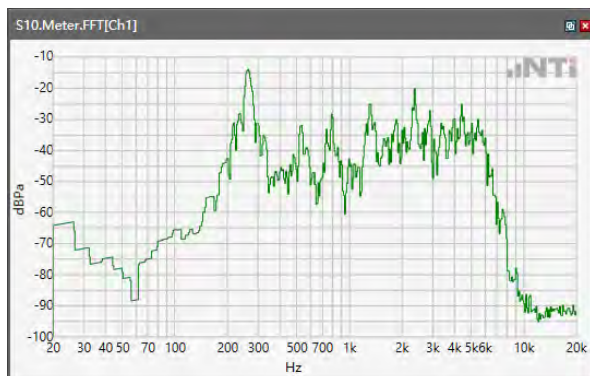
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71

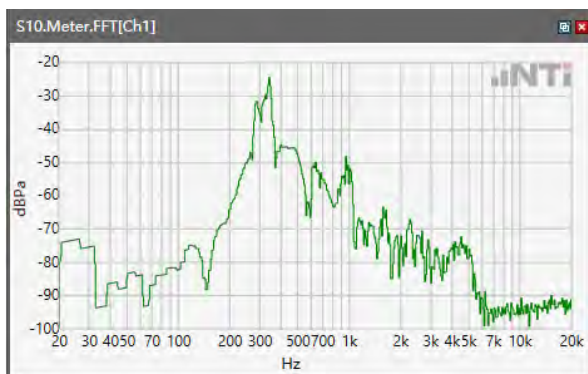


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77

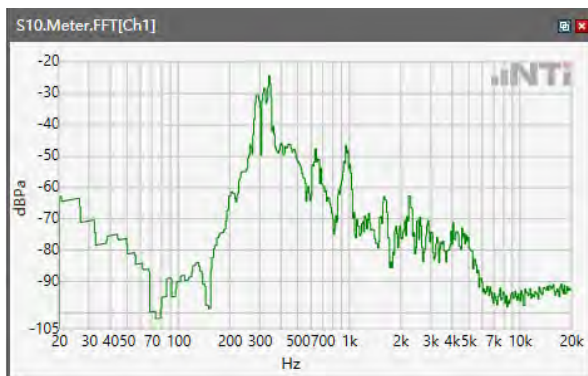


## 5.2 Receive path - distortion and noise 315Hz 8N&2N WB

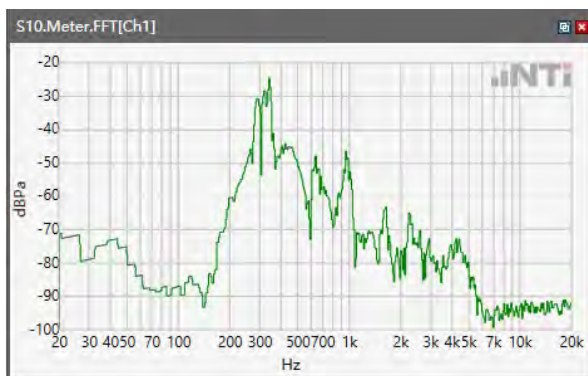
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



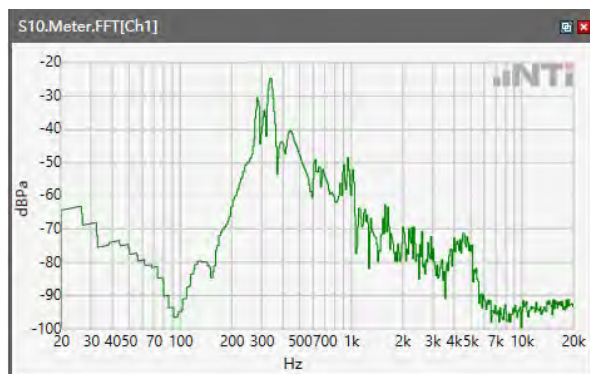
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



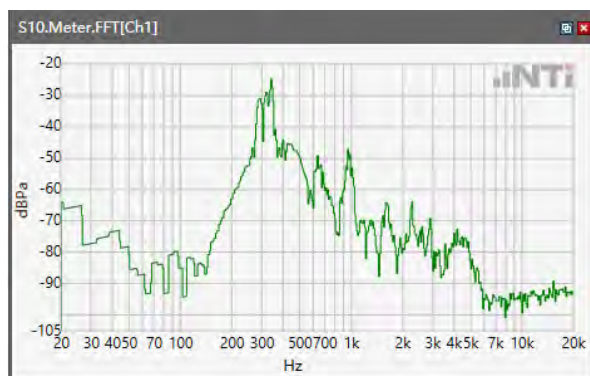
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



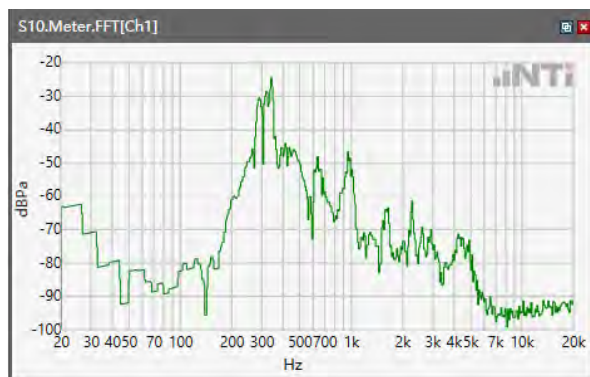
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



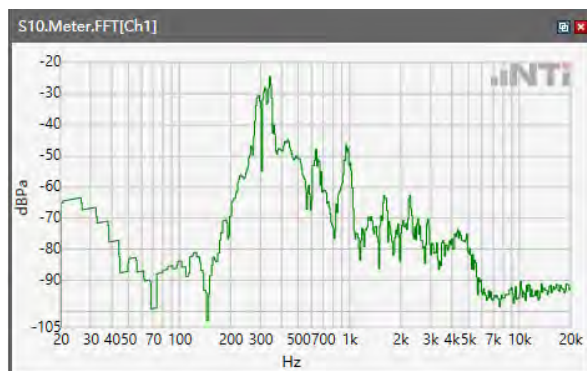
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



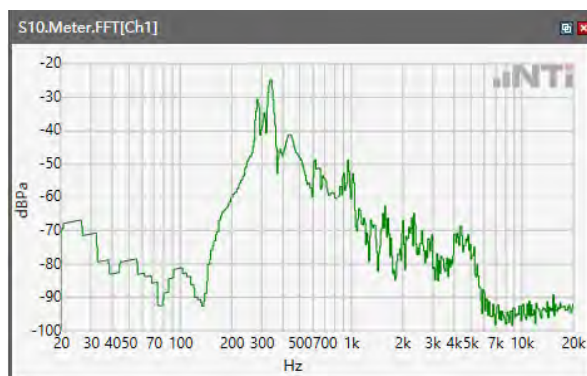
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



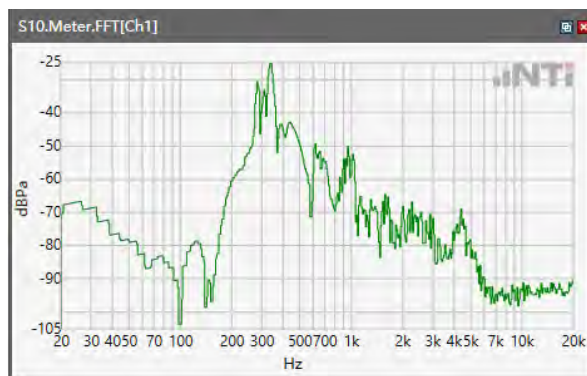
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



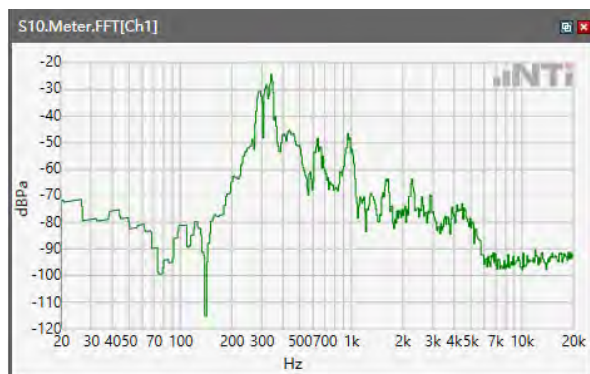
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



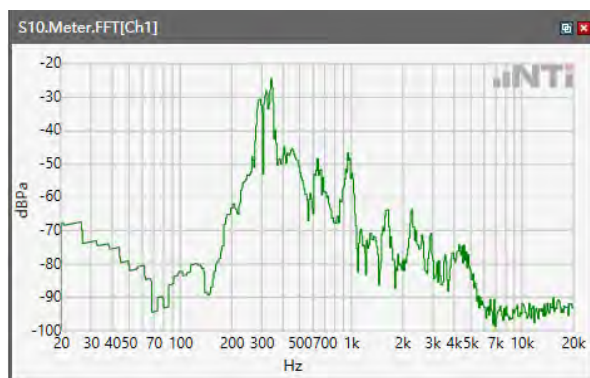
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



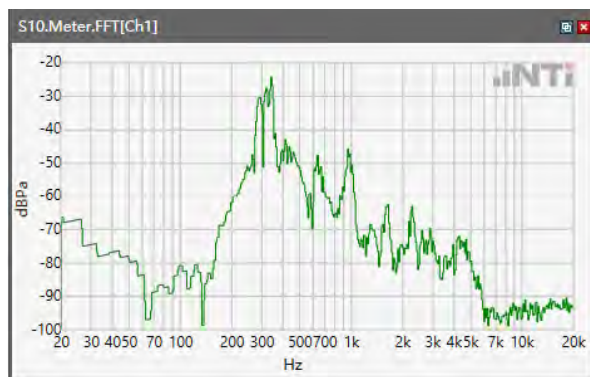
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



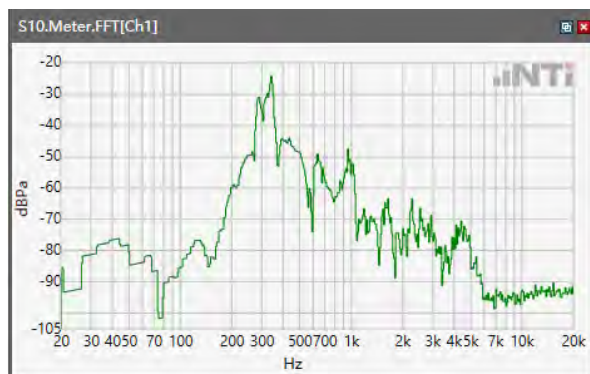
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



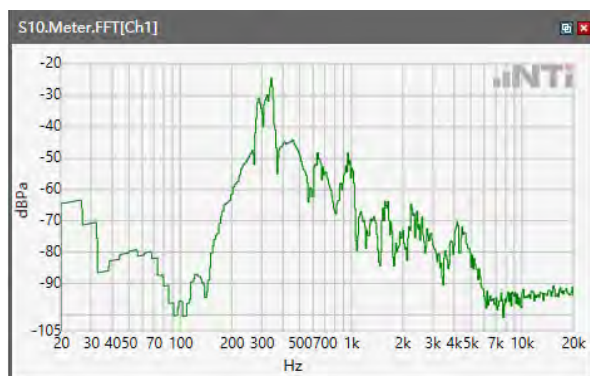
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



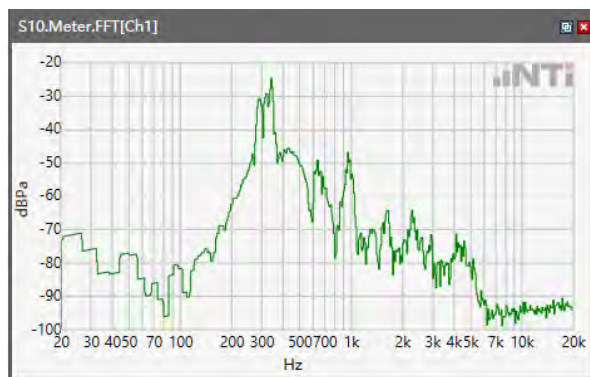
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



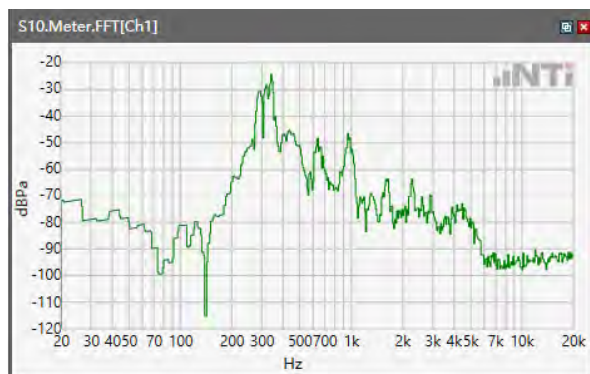
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



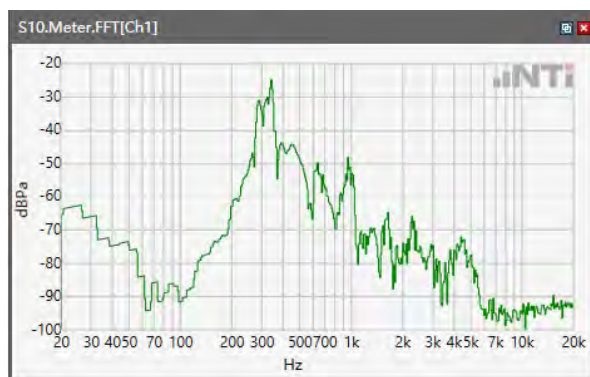
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



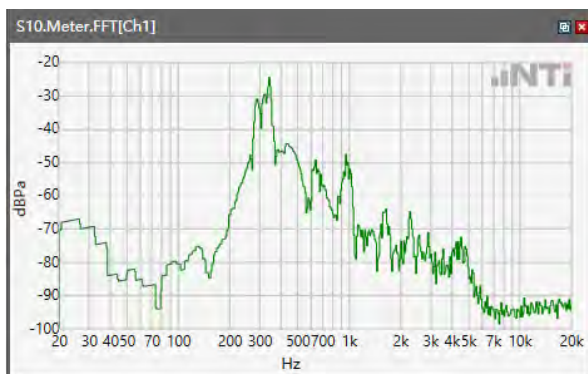
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



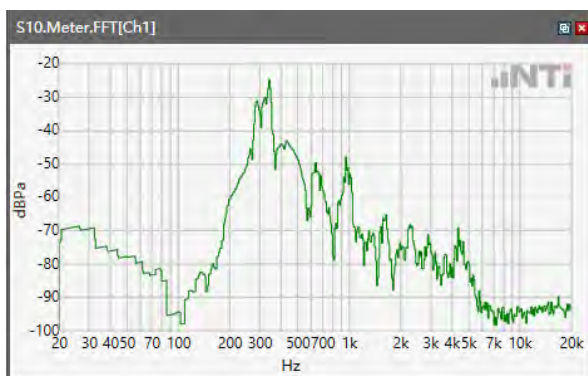
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



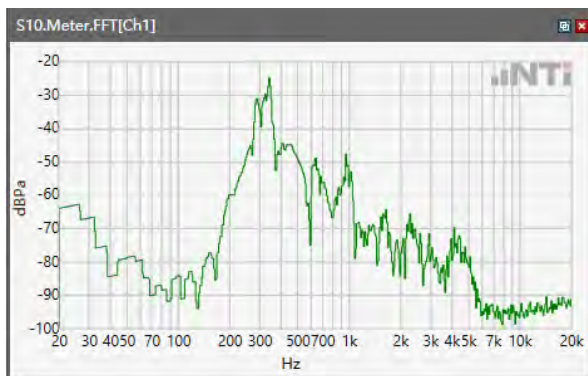
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



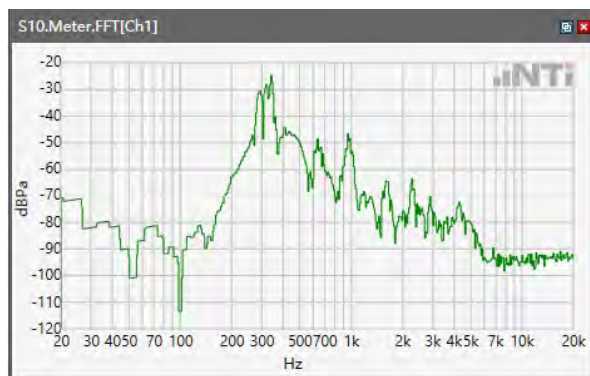
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



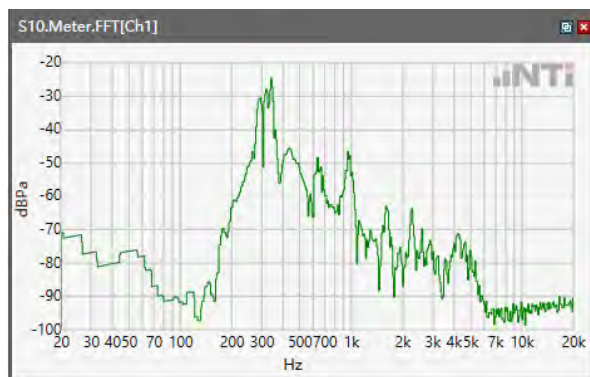
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



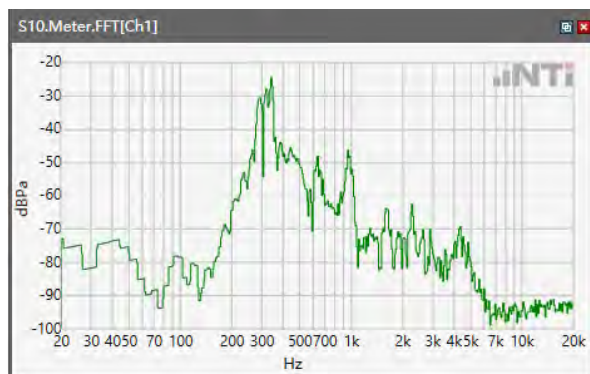
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



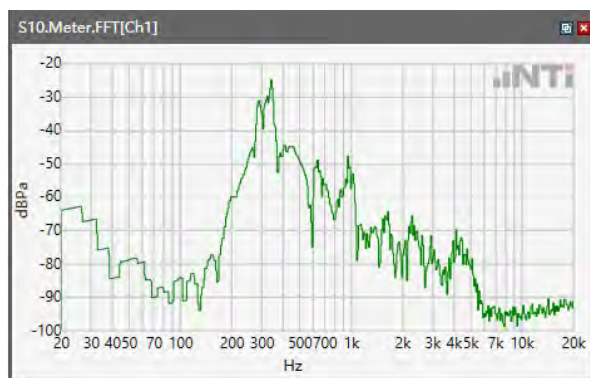
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



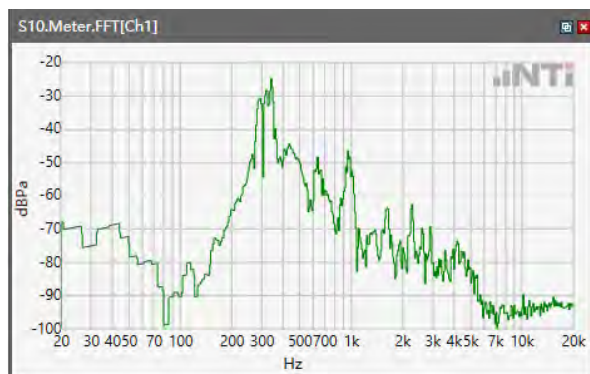
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n71



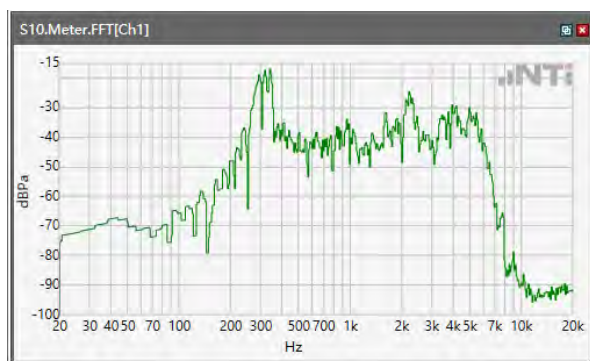
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n77



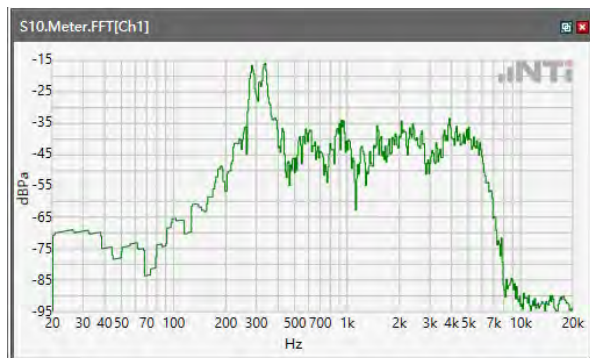
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



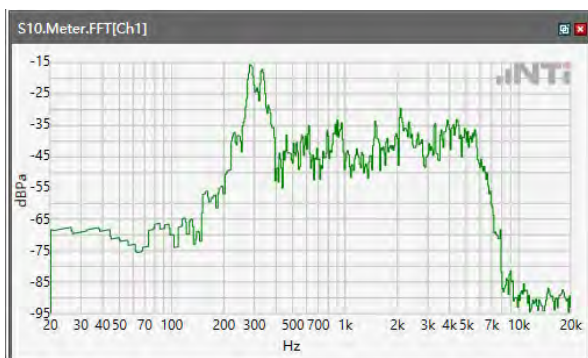
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



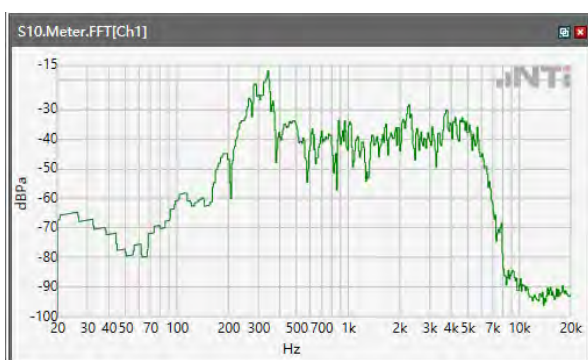
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



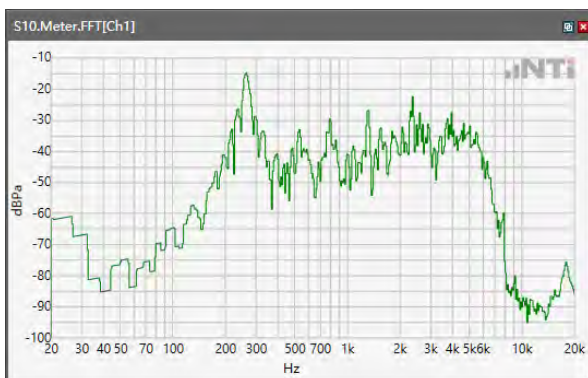
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



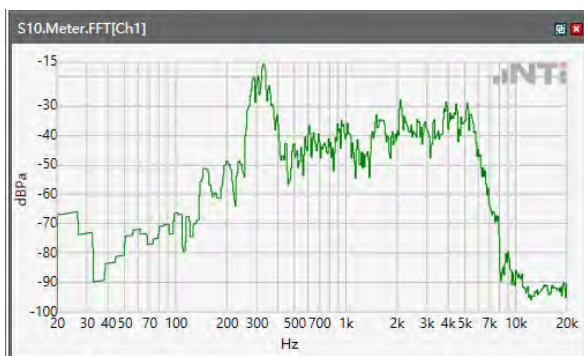
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



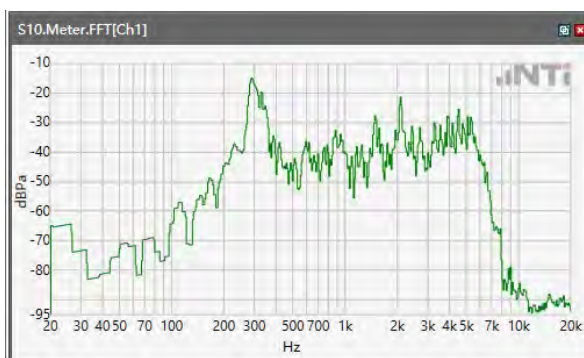
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



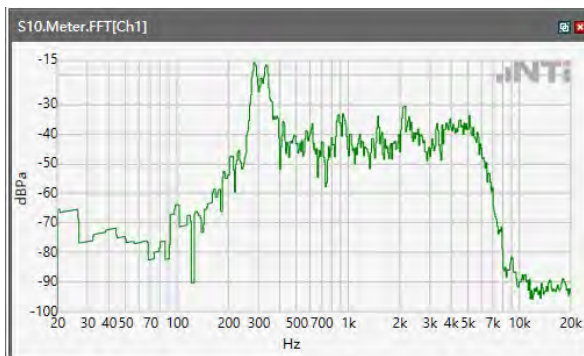
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



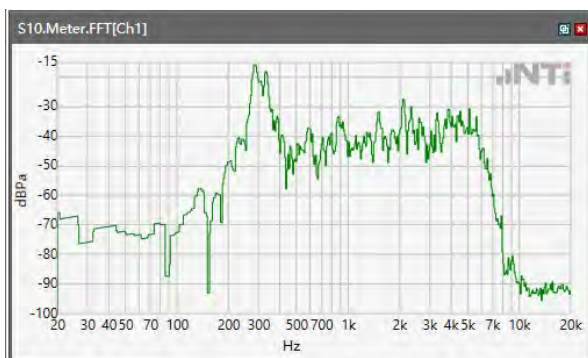
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



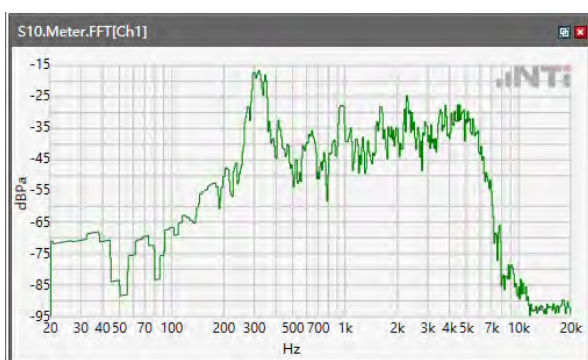
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



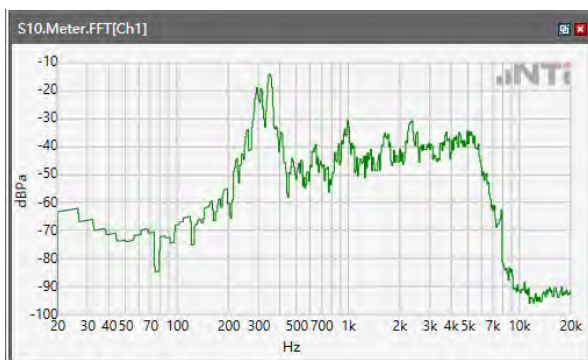
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



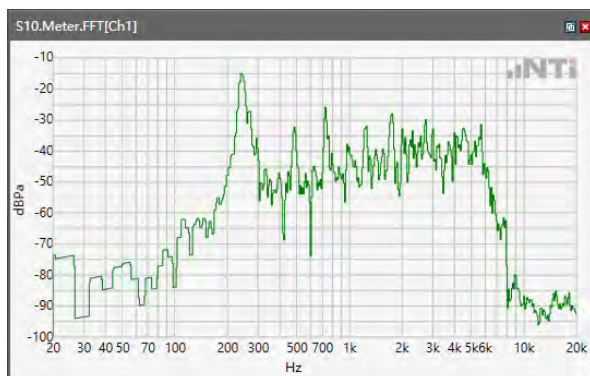
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



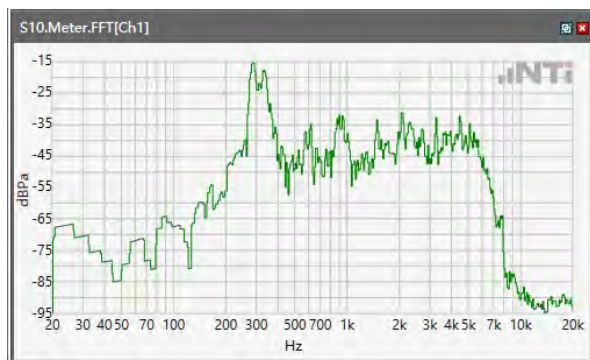
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



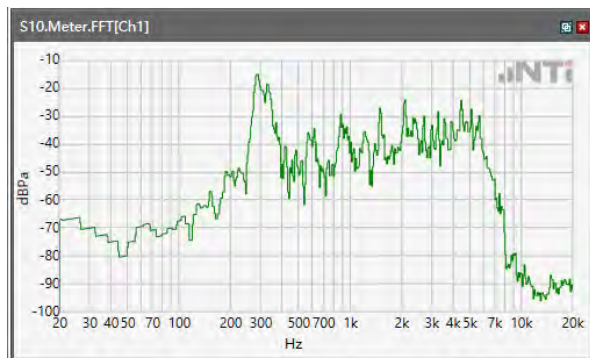
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



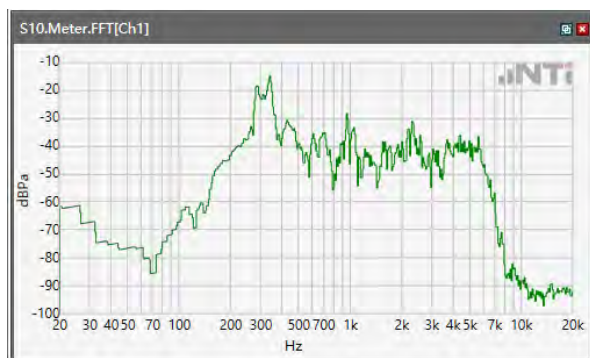
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



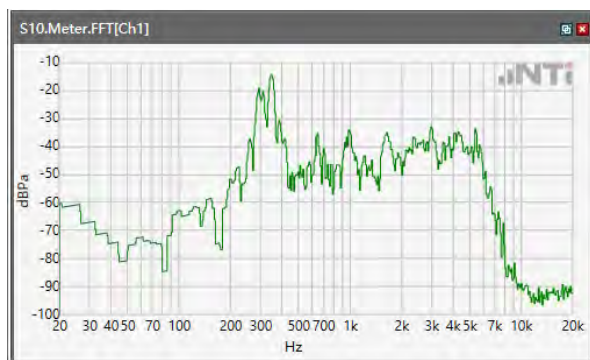
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



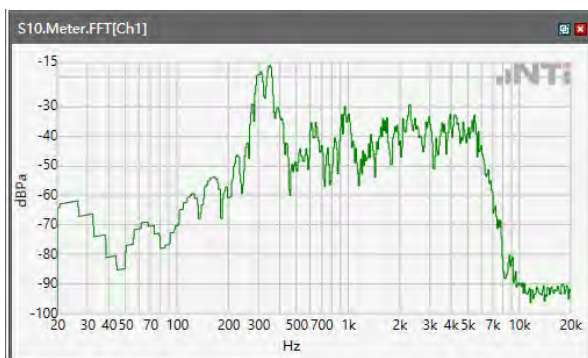
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



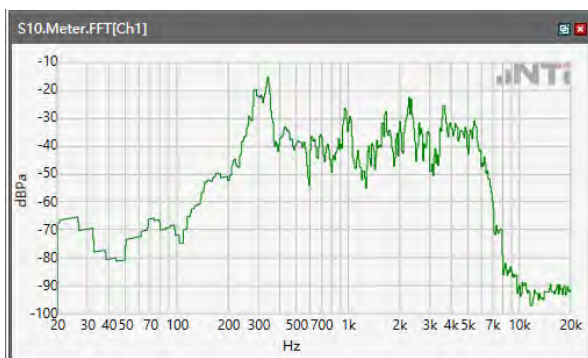
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



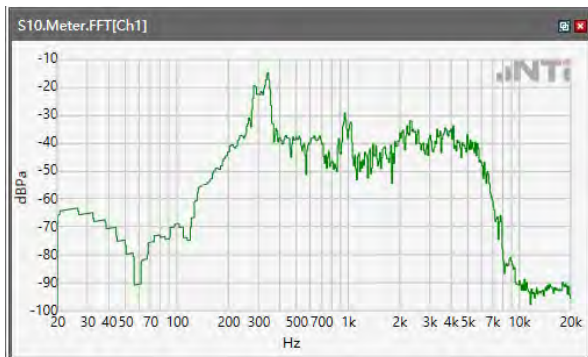
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n25



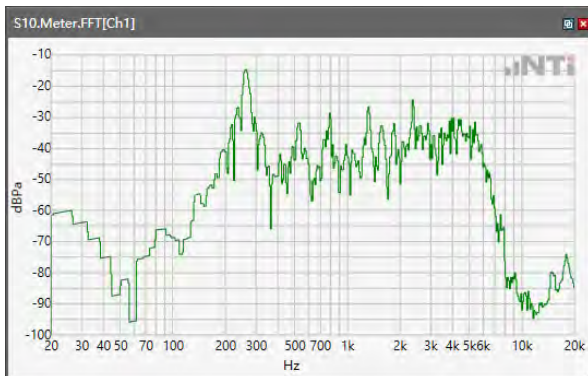
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n26



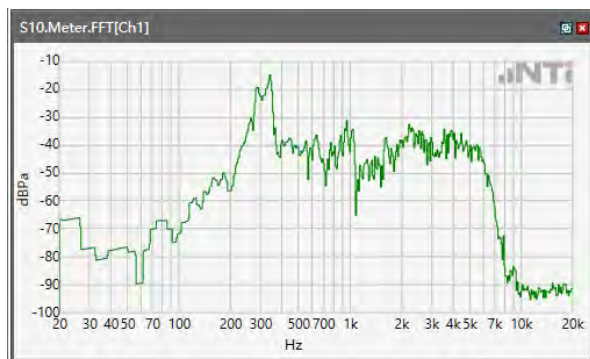
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n30



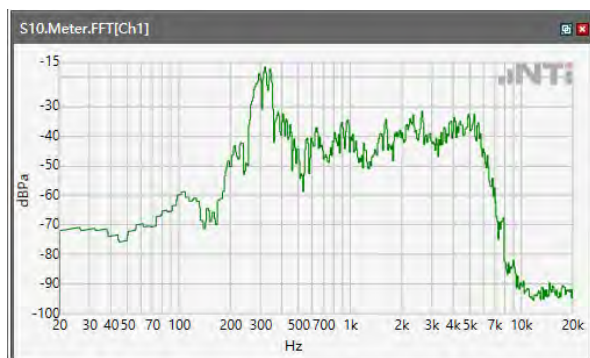
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n41



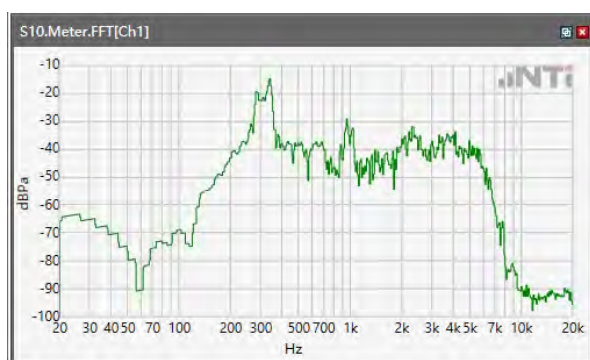
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n71

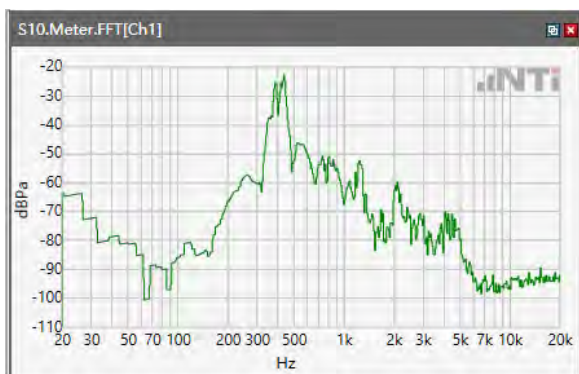


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR  
n77

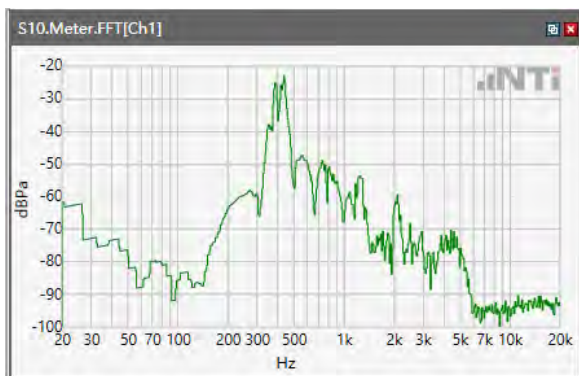


## 5.2 Receive path - distortion and noise 400Hz 8N&2N WB

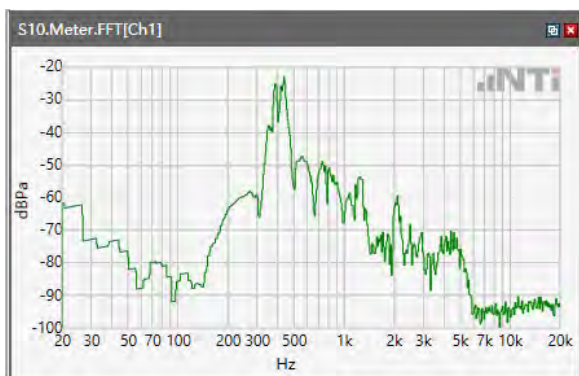
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



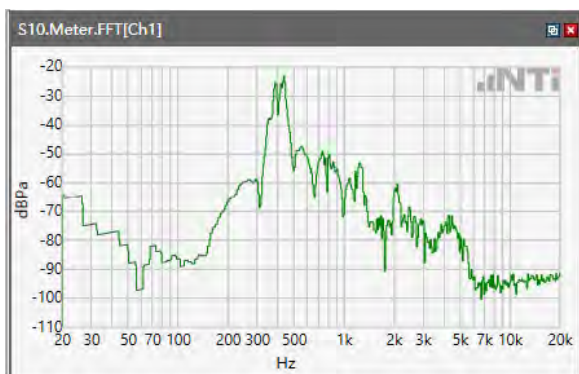
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



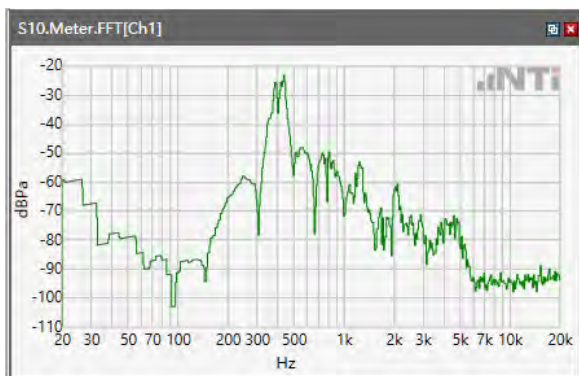
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



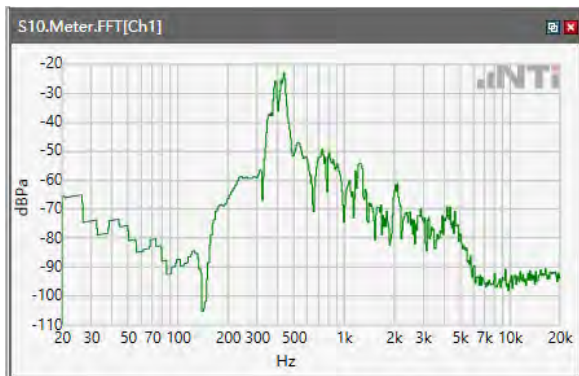
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



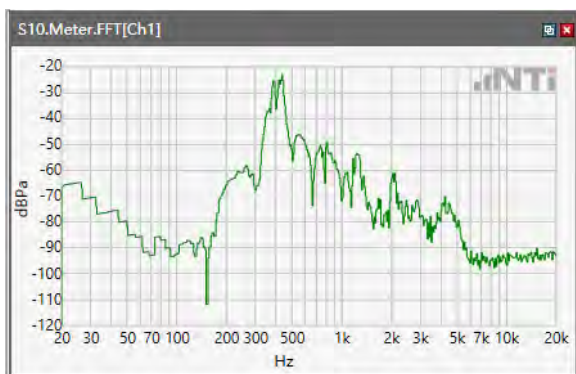
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



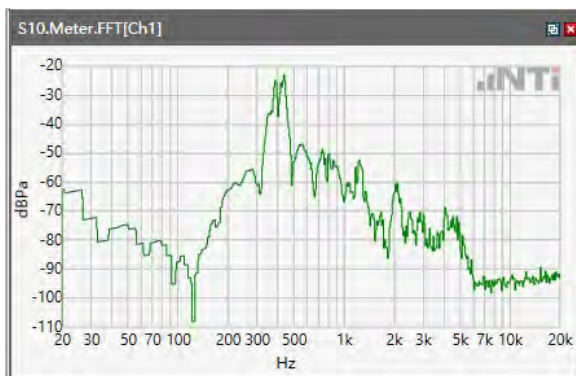
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



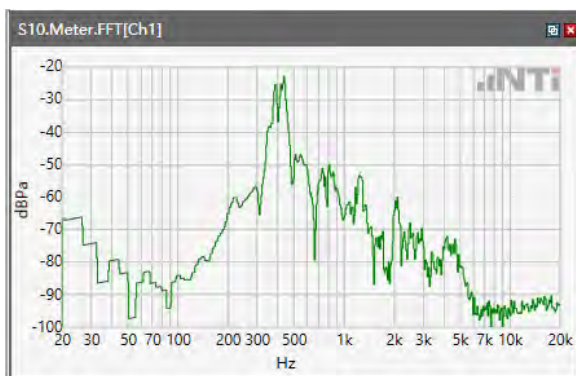
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



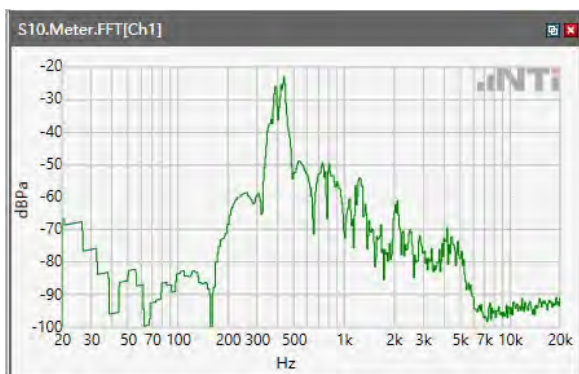
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



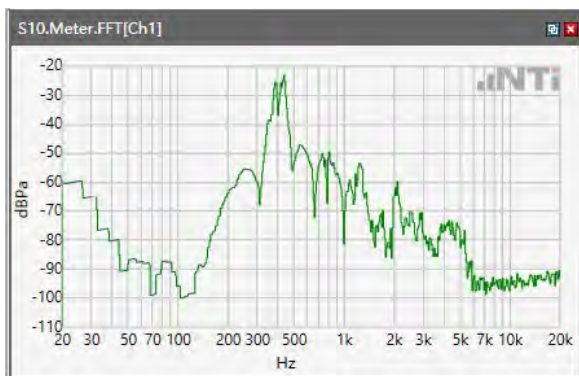
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



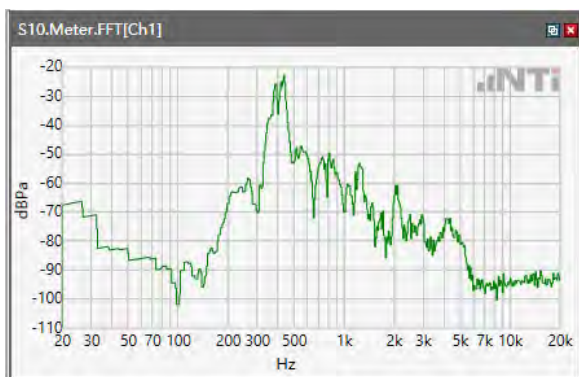
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



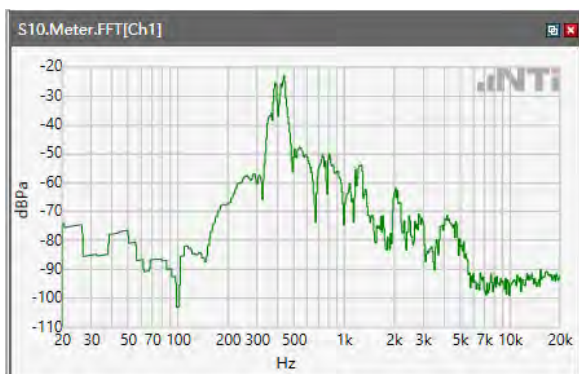
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



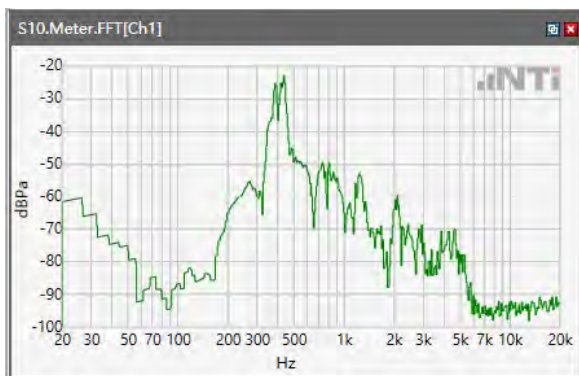
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



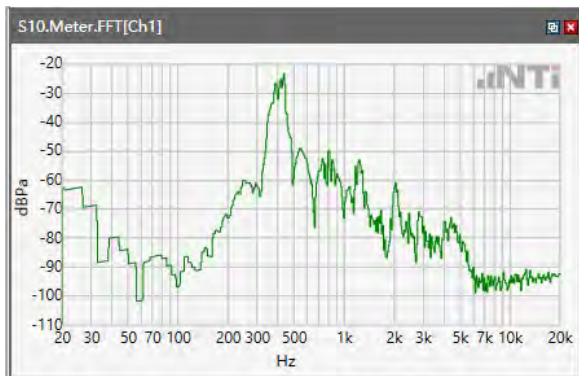
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



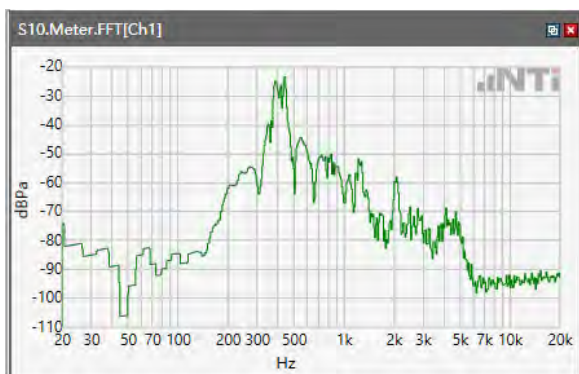
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



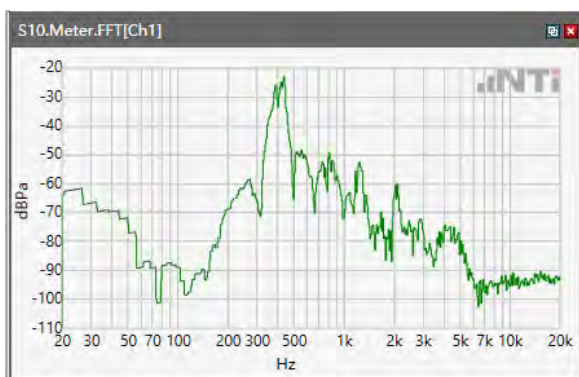
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



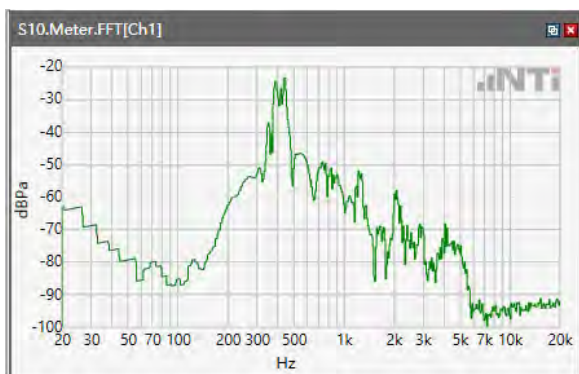
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



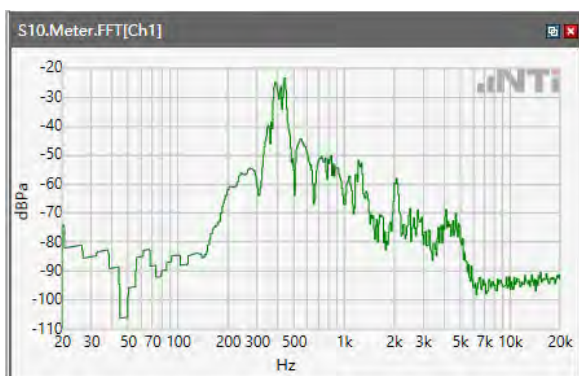
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



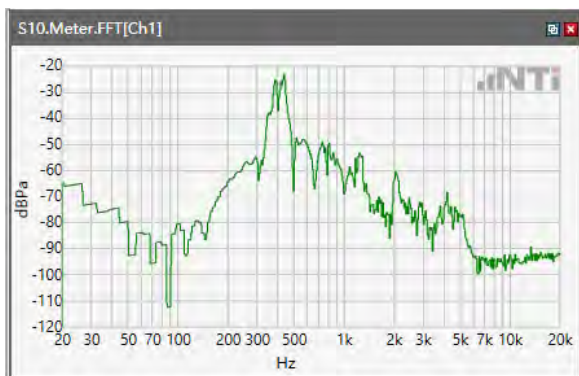
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



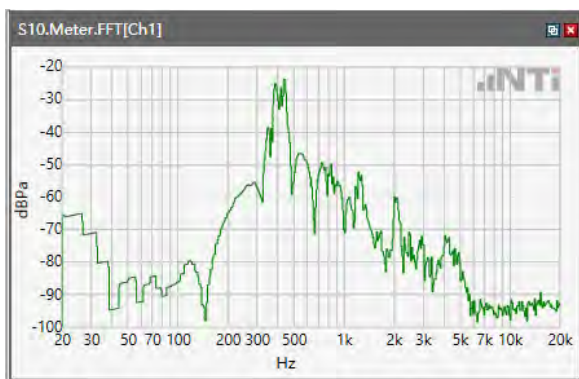
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



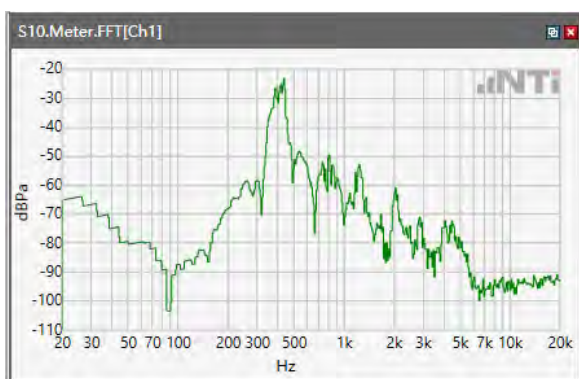
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



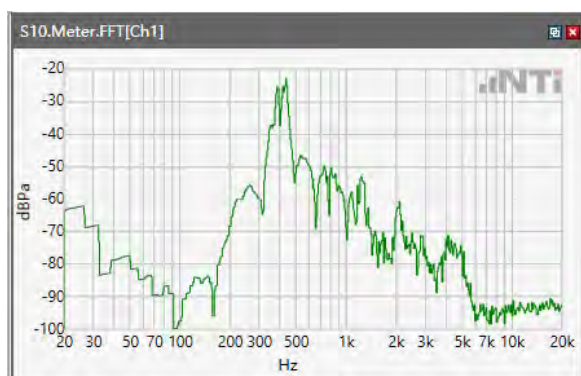
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



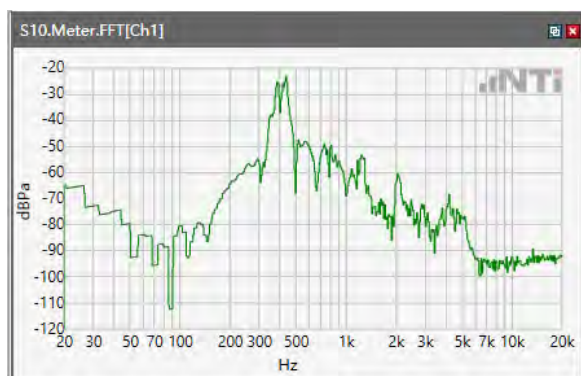
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



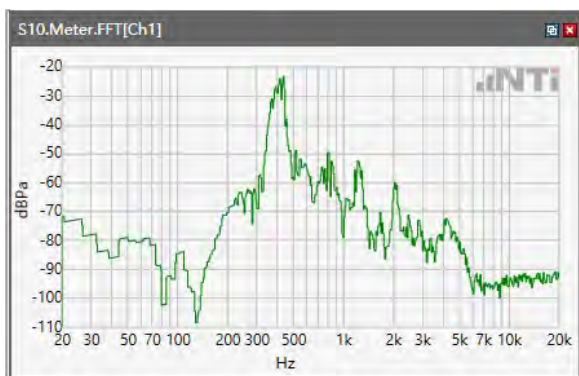
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71



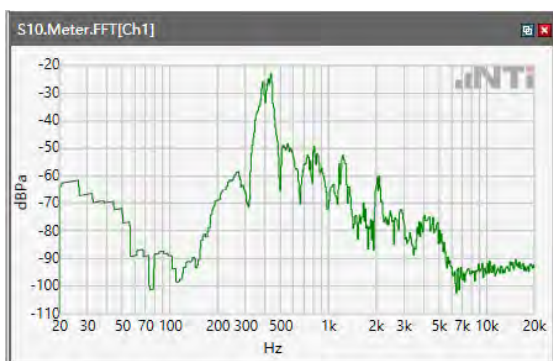
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77



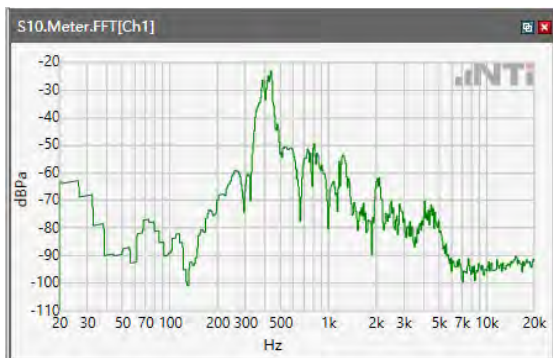
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



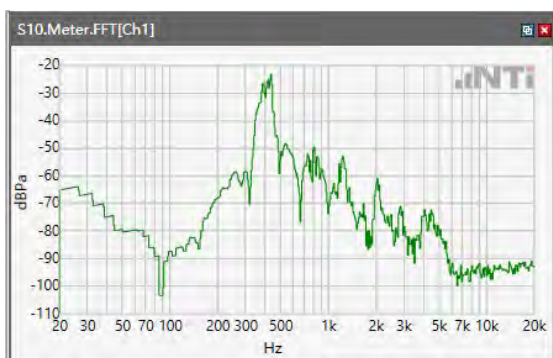
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



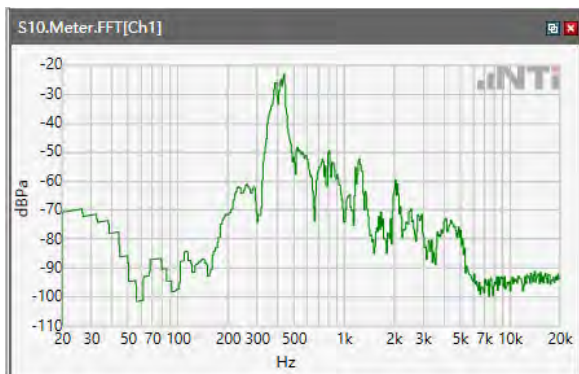
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



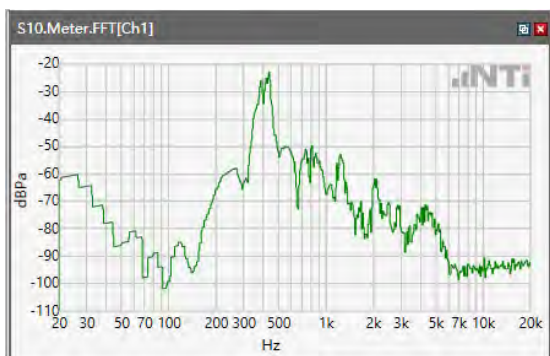
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



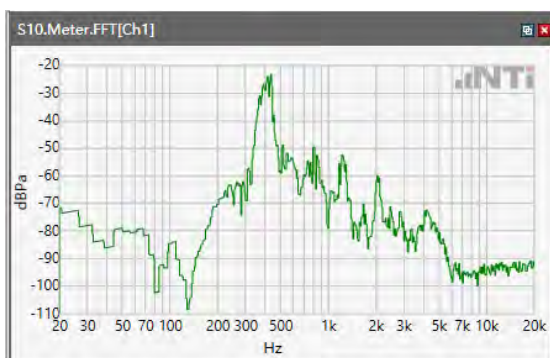
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



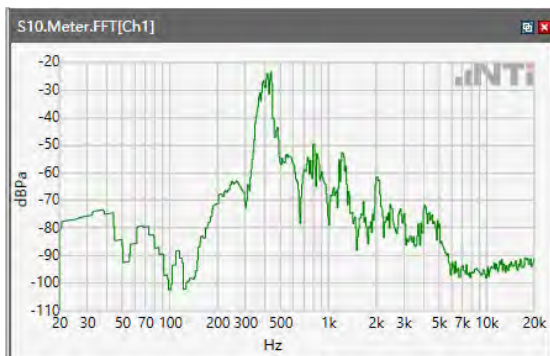
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



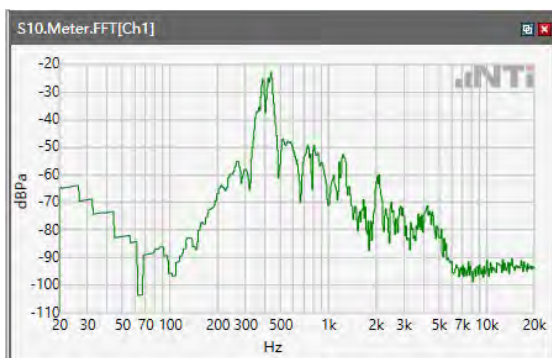
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



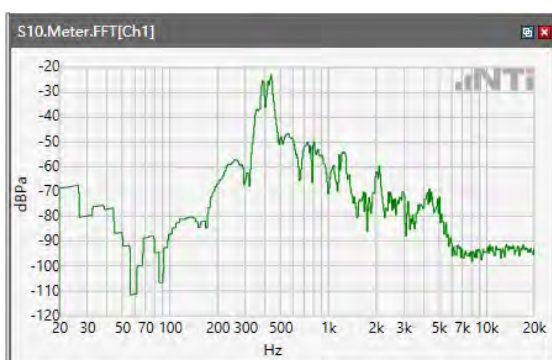
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



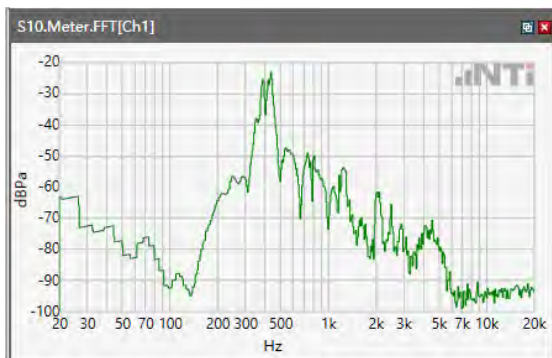
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



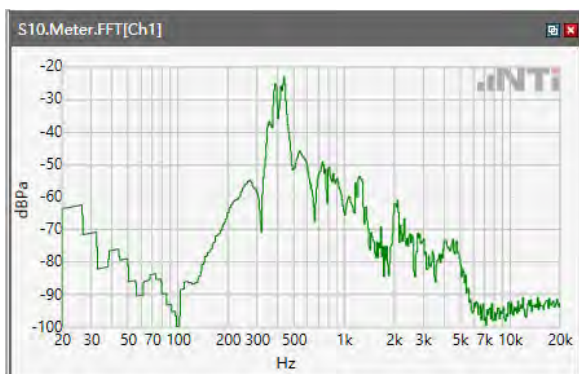
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



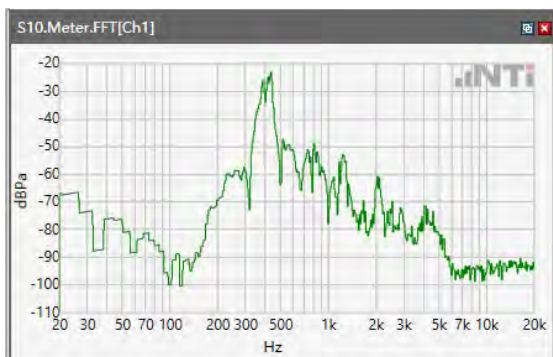
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



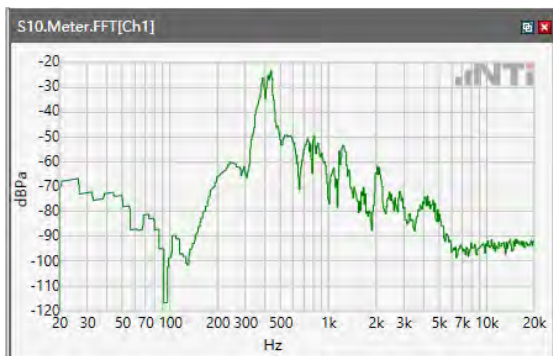
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



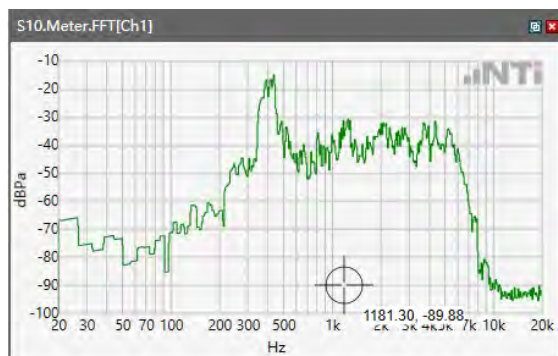
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



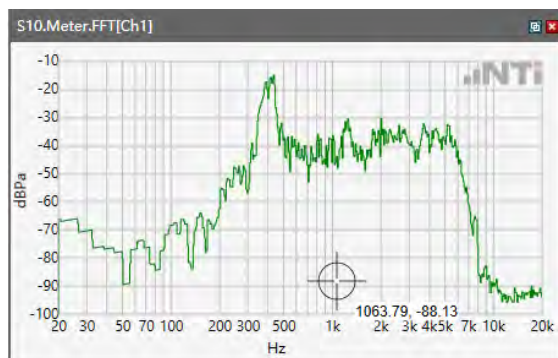
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



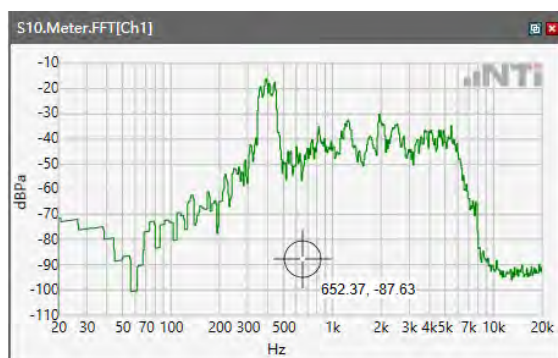
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



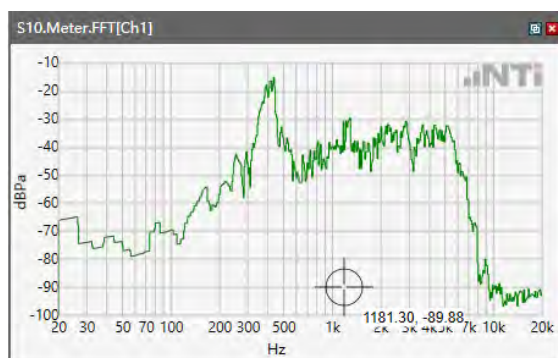
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



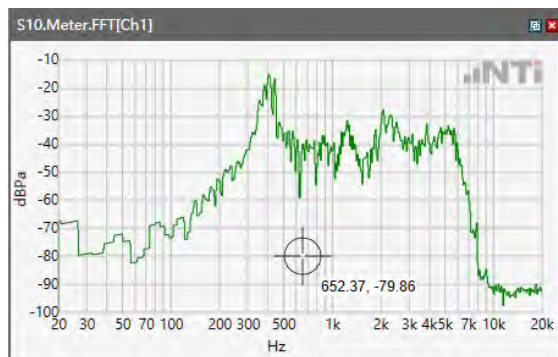
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



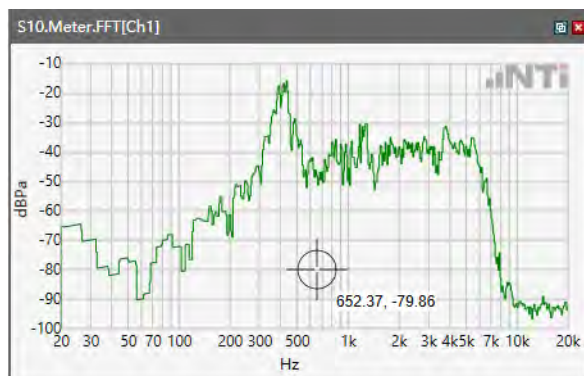
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



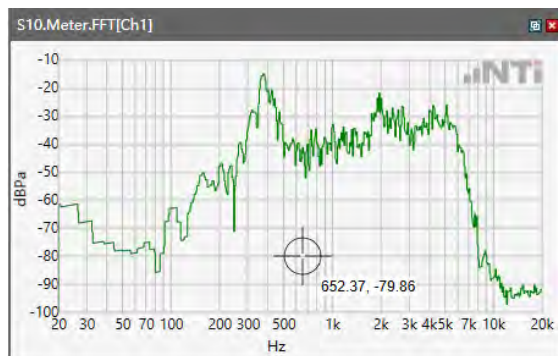
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



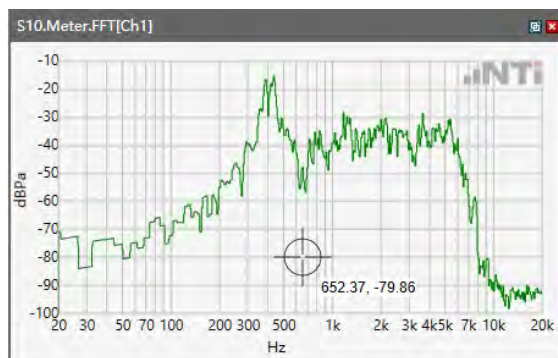
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



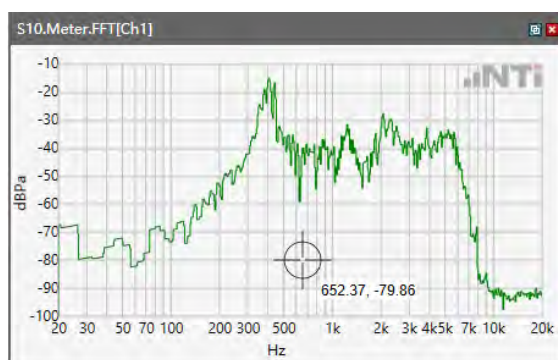
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71

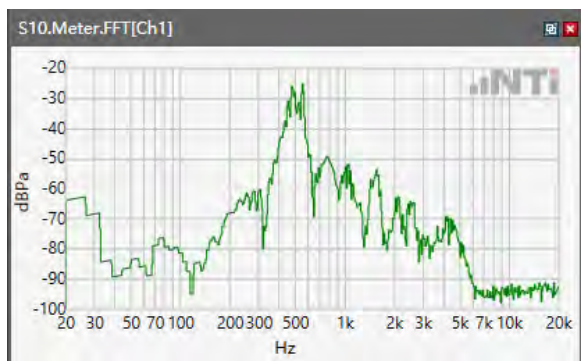


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77

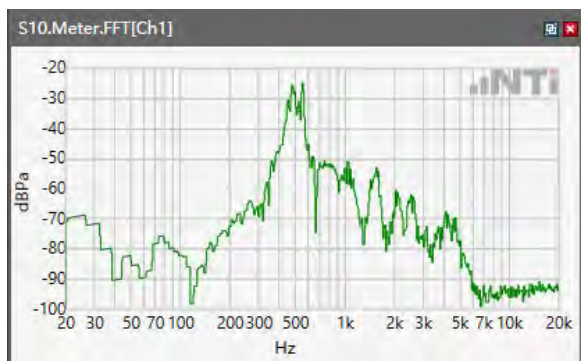


## 5.2 Receive path - distortion and noise 500Hz 8N&2N WB

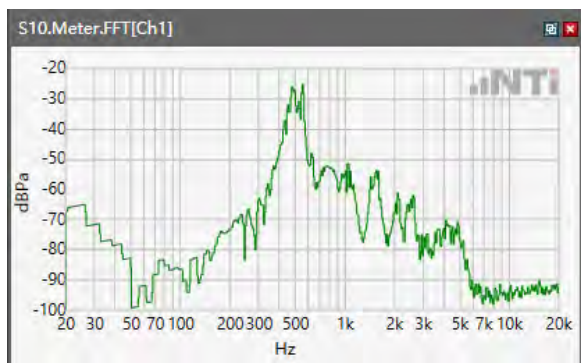
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



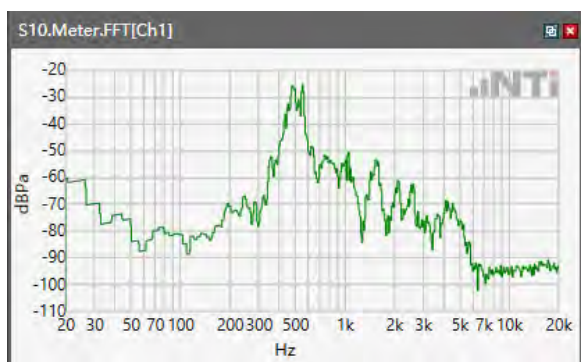
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



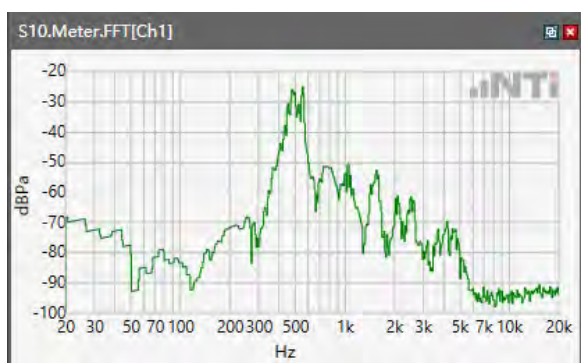
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



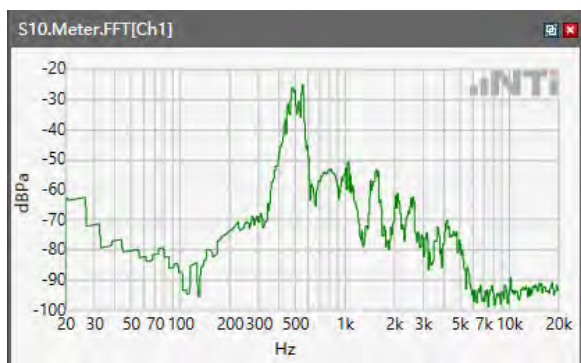
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



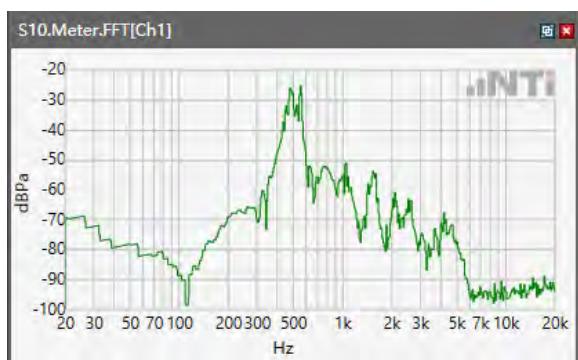
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



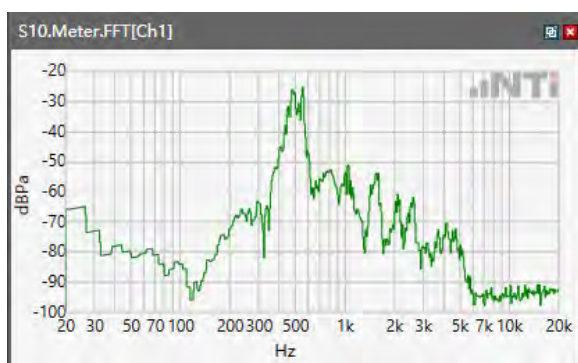
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



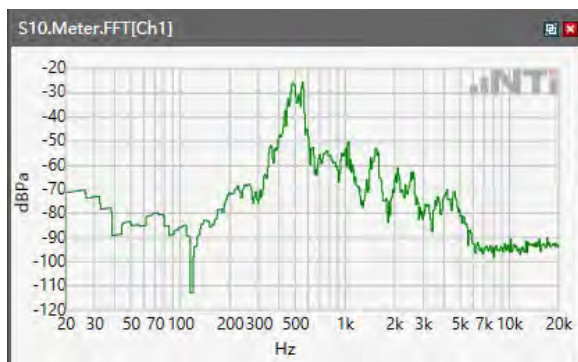
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



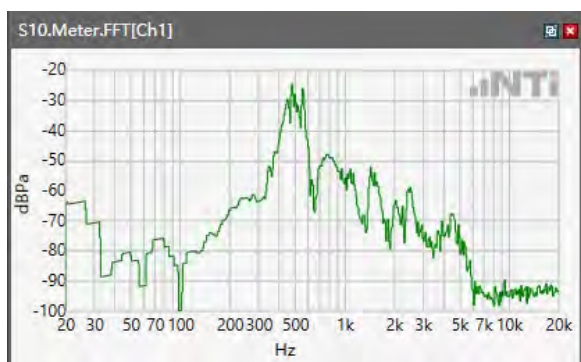
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



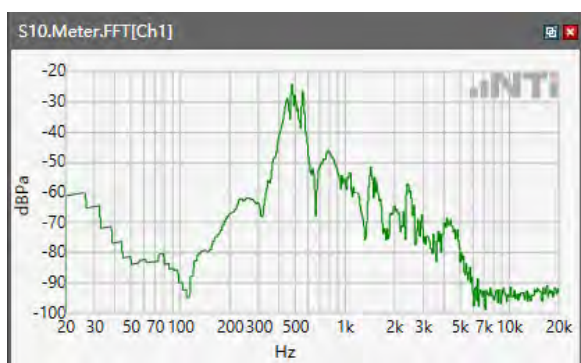
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



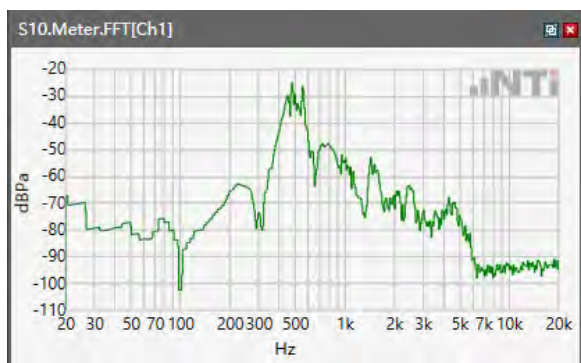
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



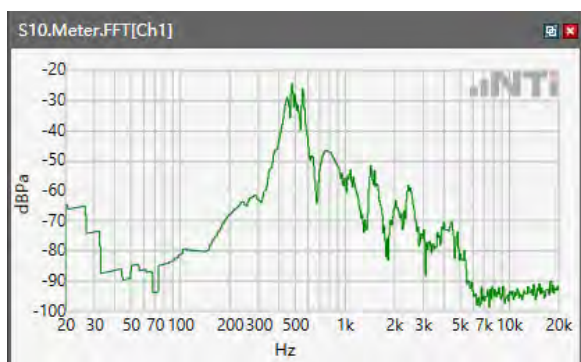
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



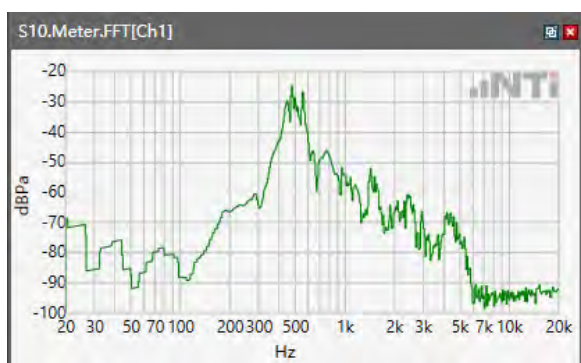
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



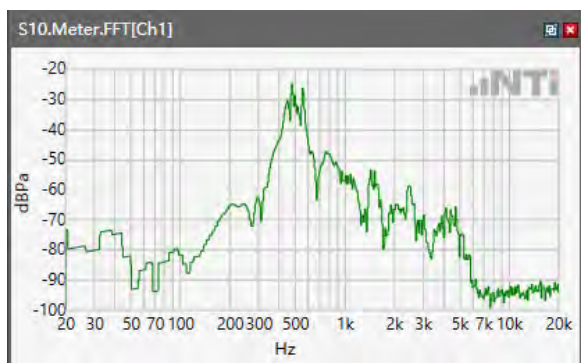
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



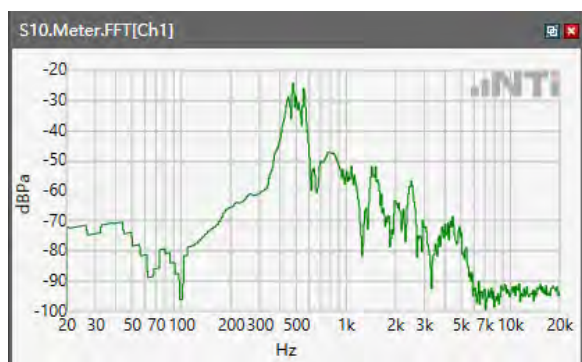
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



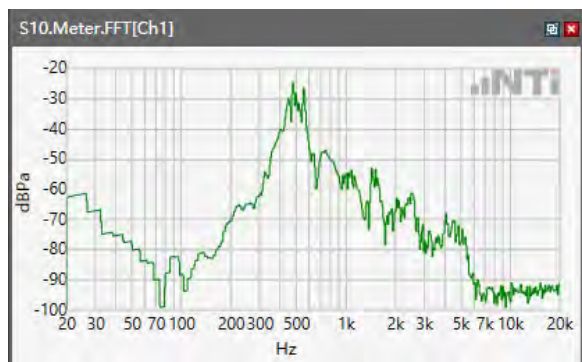
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



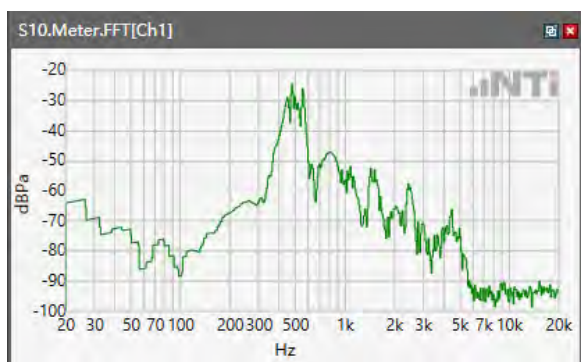
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



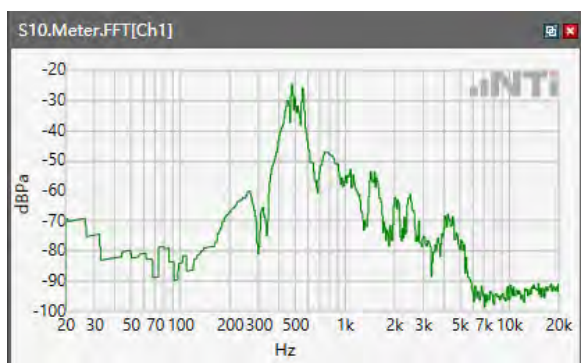
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



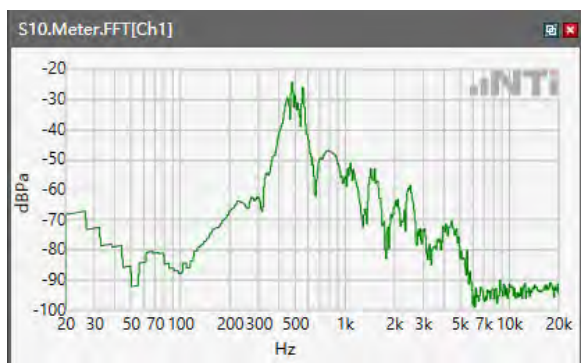
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



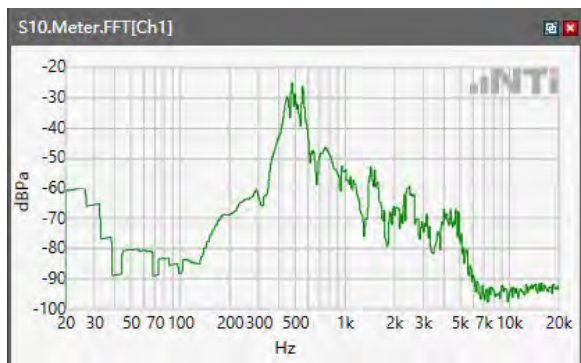
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



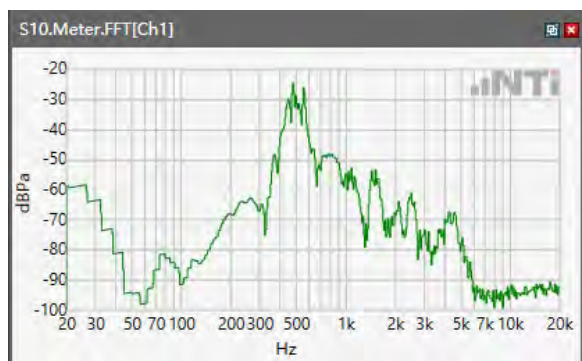
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



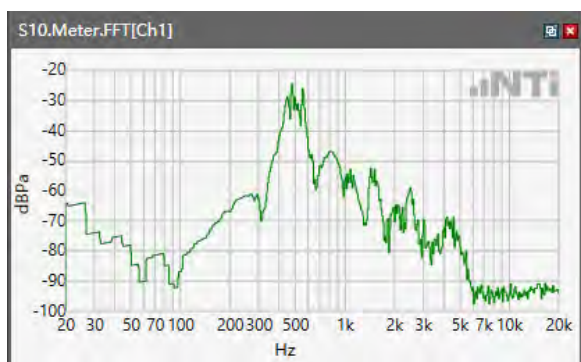
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



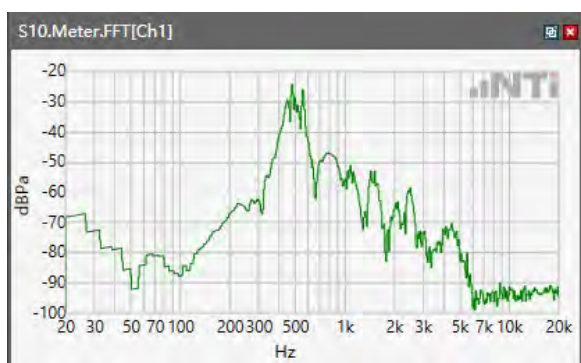
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



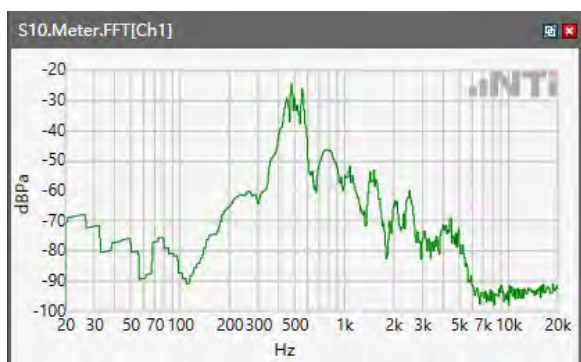
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71



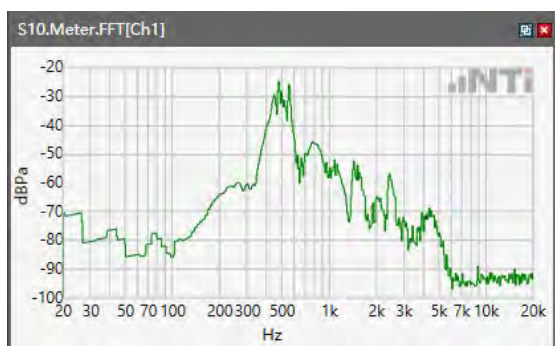
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77



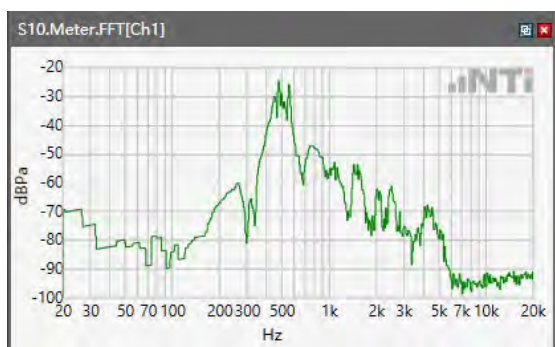
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



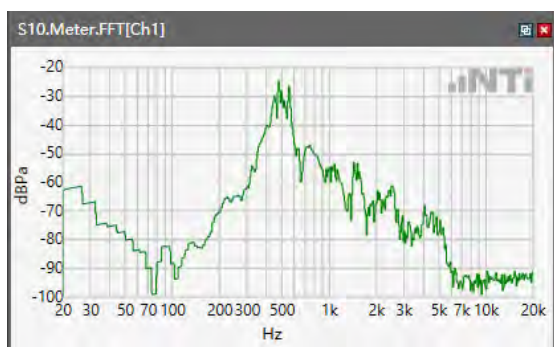
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



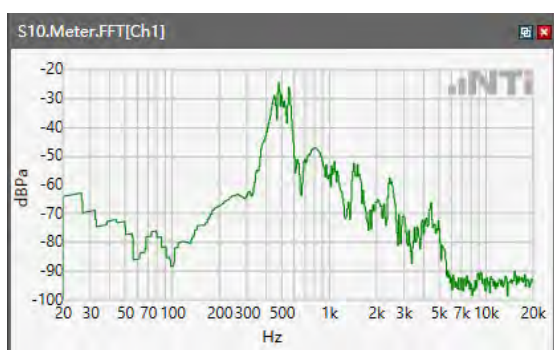
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



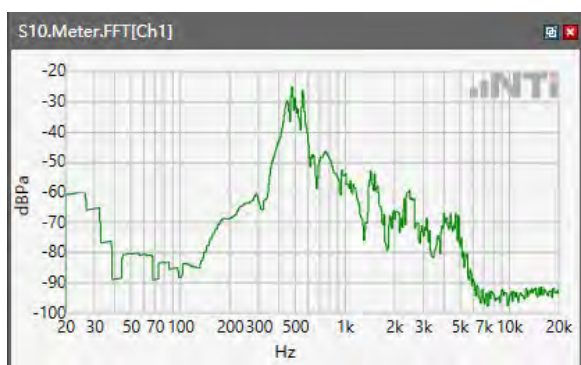
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



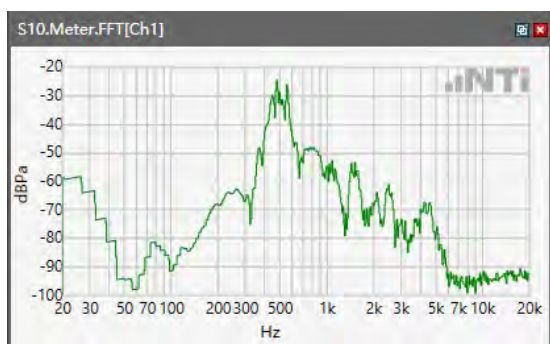
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



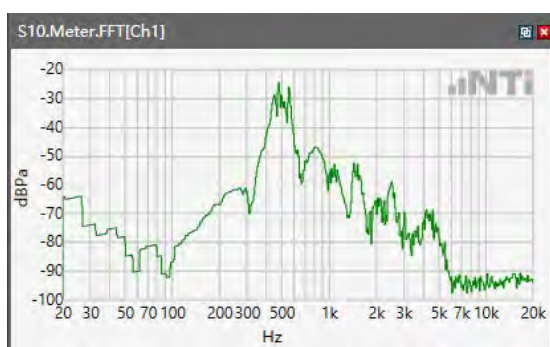
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



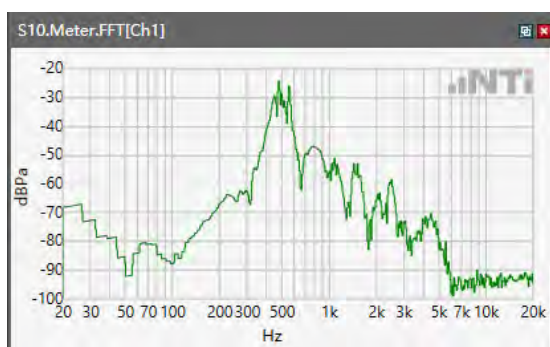
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



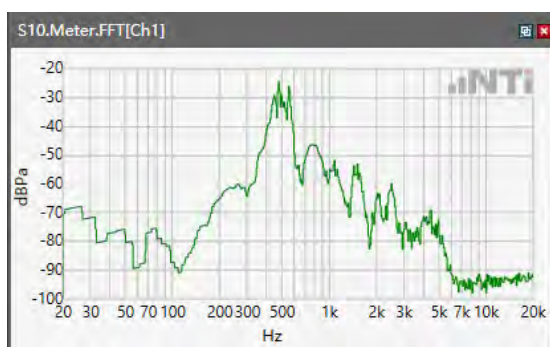
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



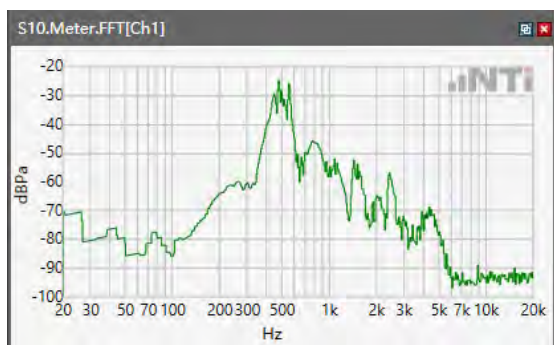
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



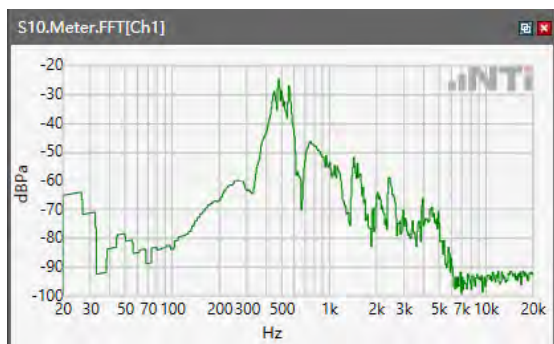
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



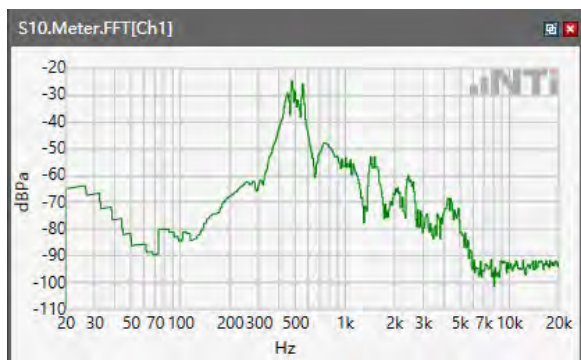
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



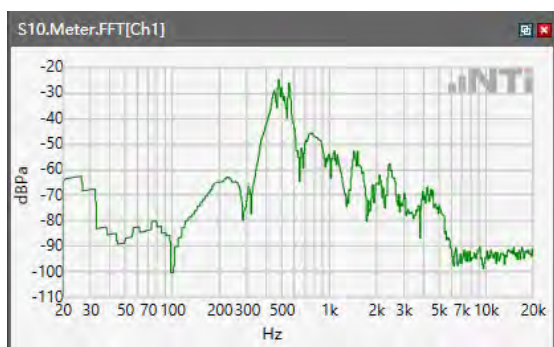
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



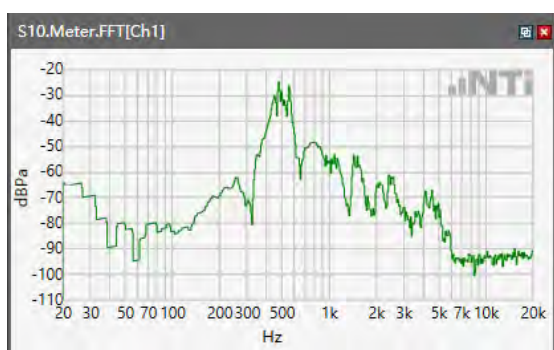
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



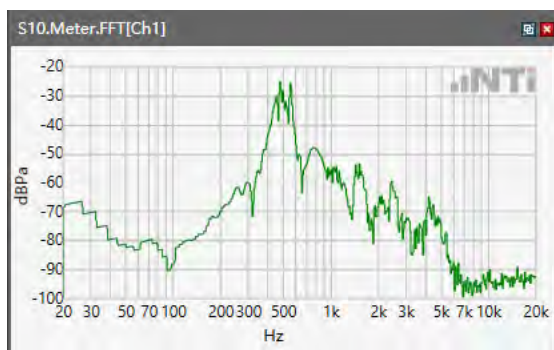
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



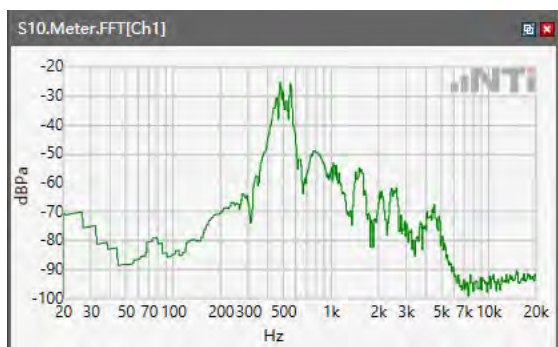
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



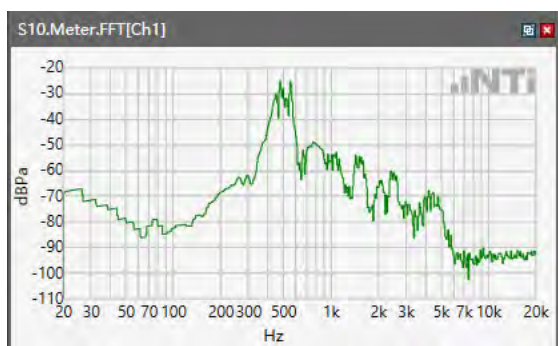
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



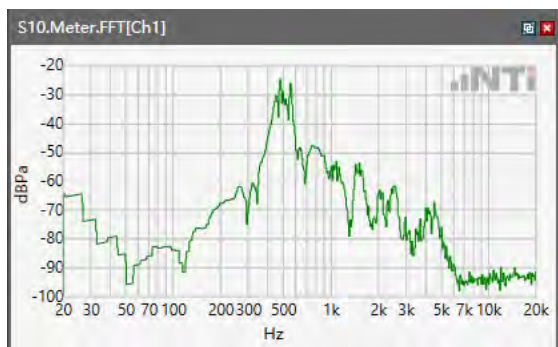
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



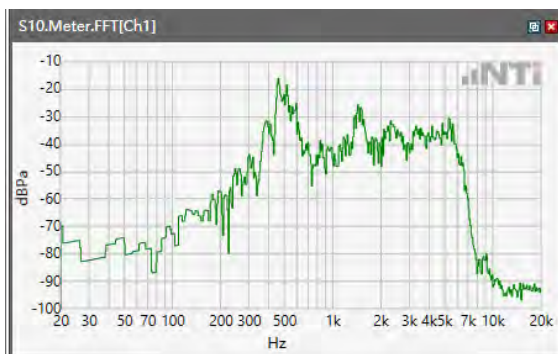
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



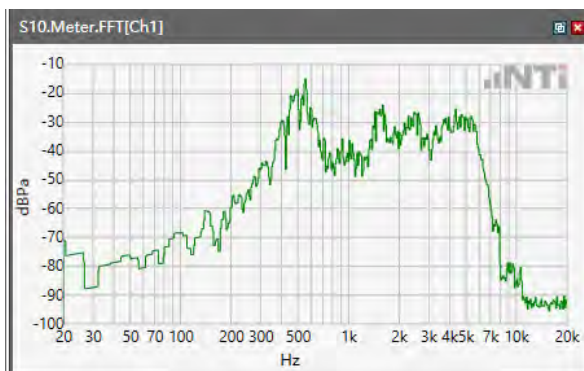
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



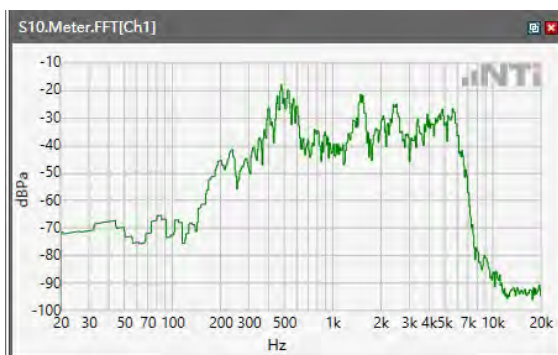
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



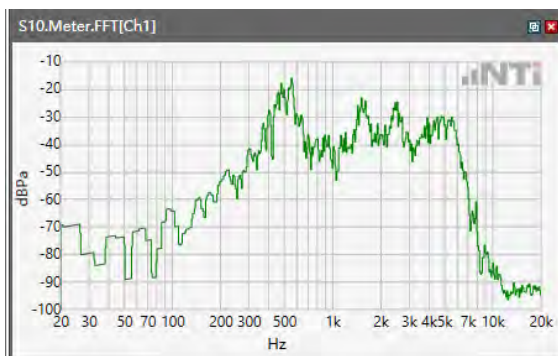
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



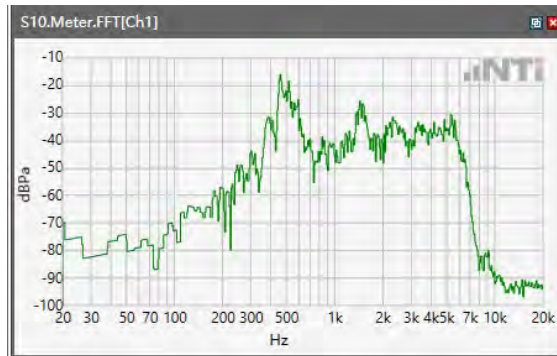
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71

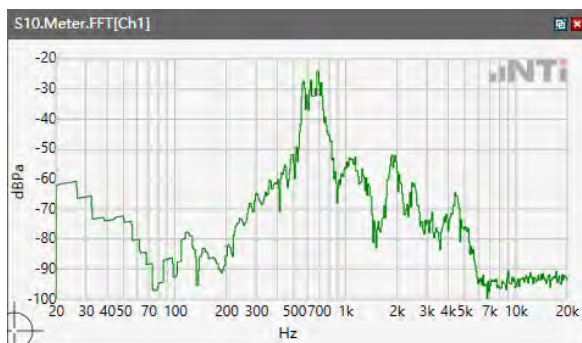


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77

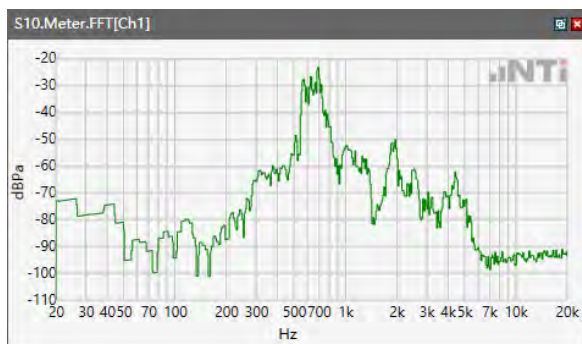


## 5.2 Receive path - distortion and noise 630Hz 8N&2N WB

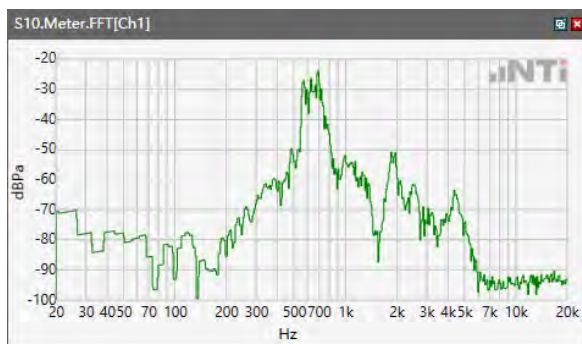
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



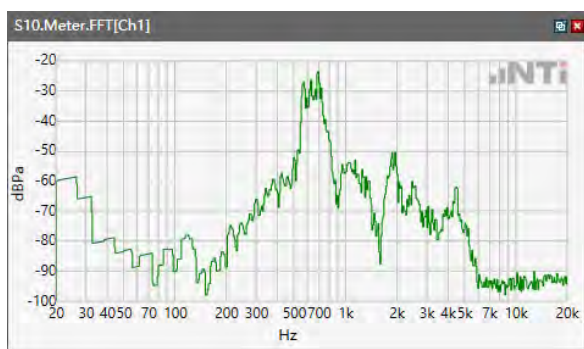
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



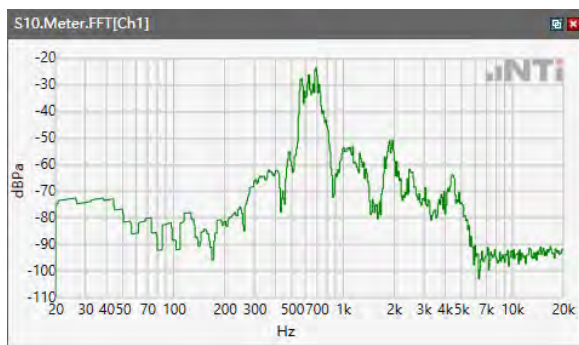
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



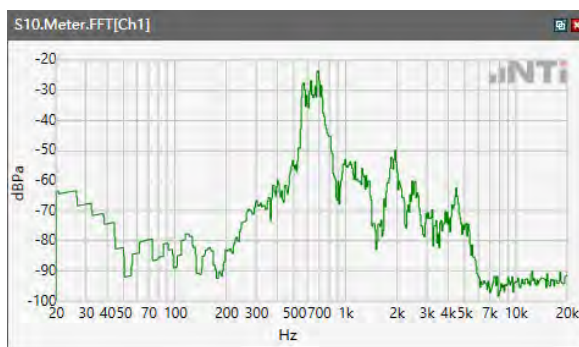
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



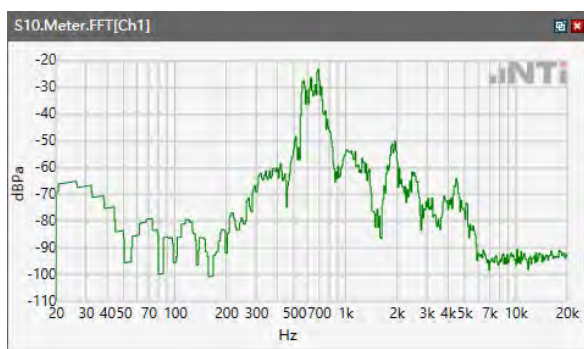
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



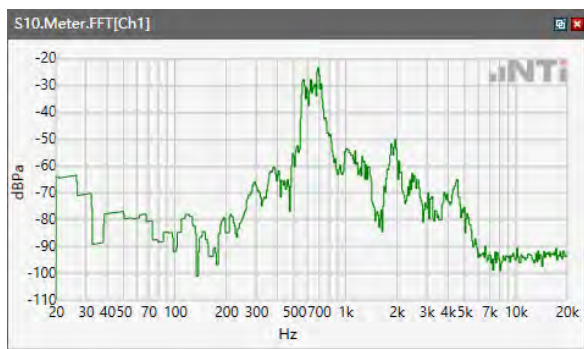
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



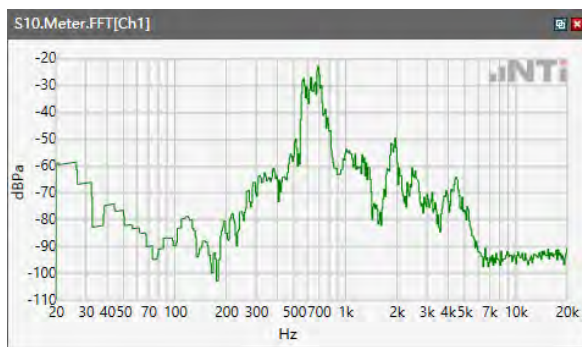
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



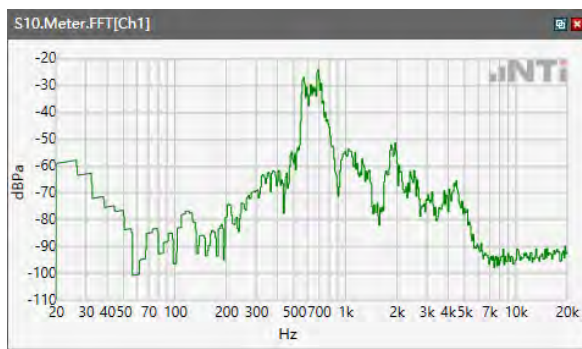
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



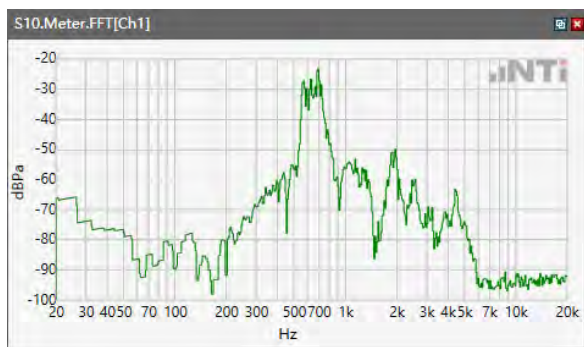
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



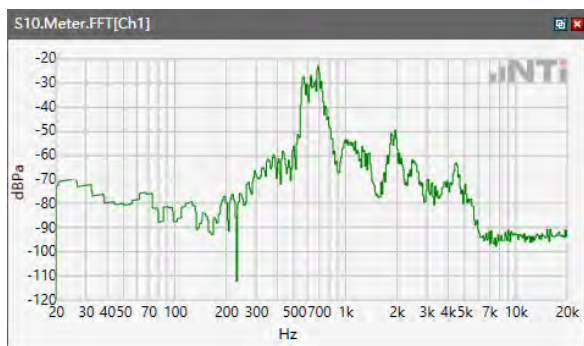
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



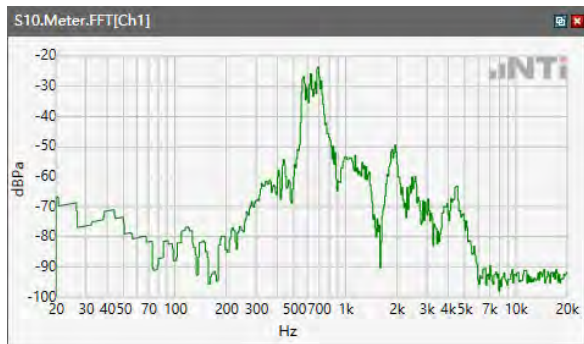
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



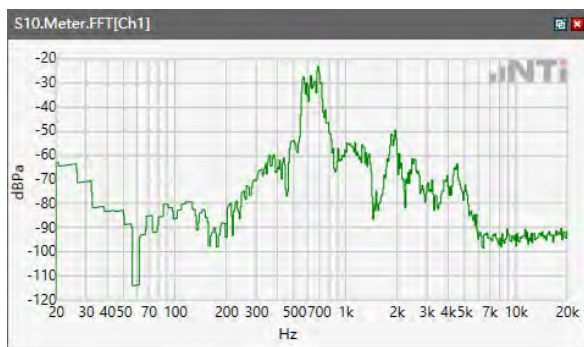
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



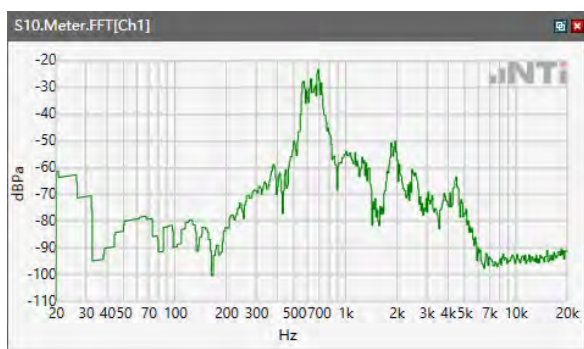
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



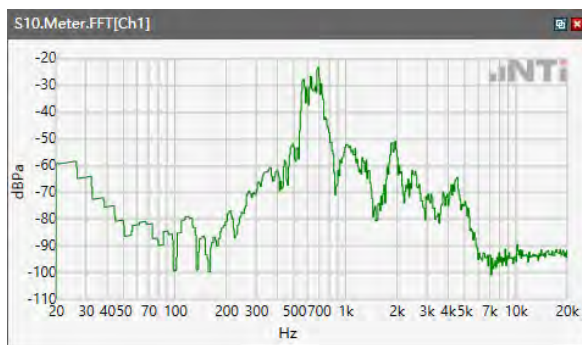
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



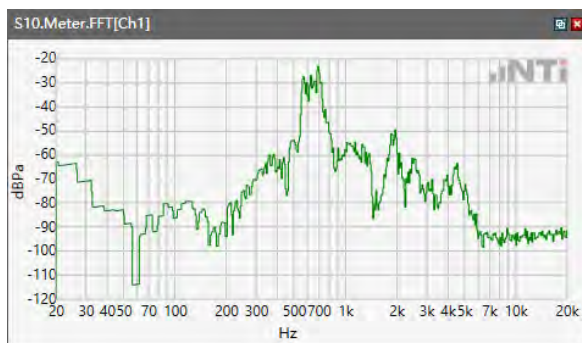
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



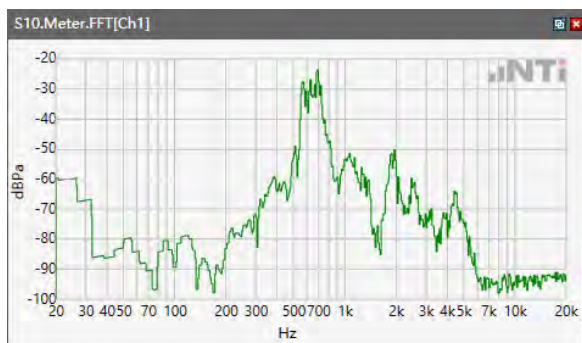
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71



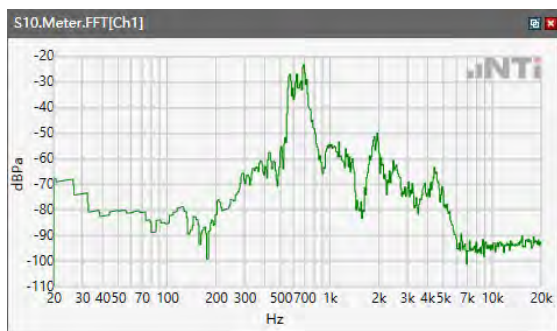
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77



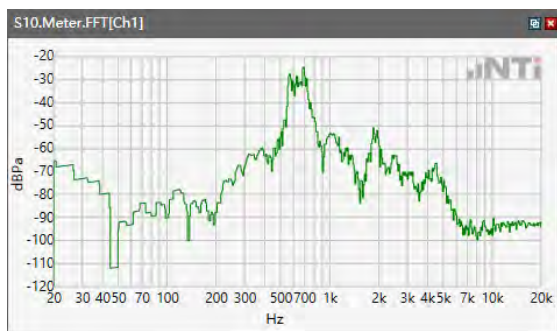
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



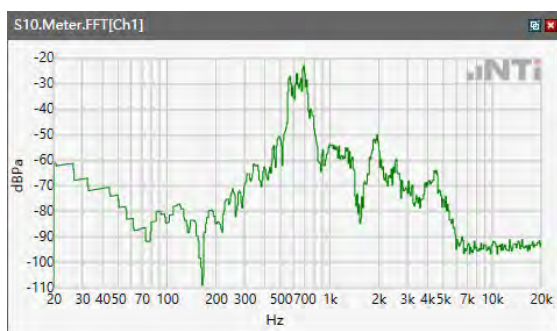
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



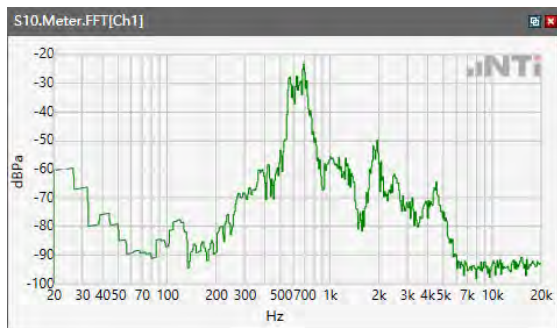
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



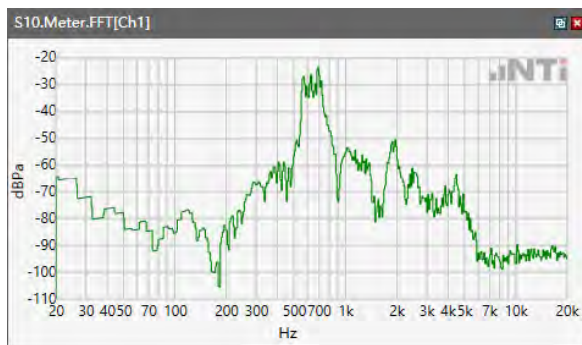
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



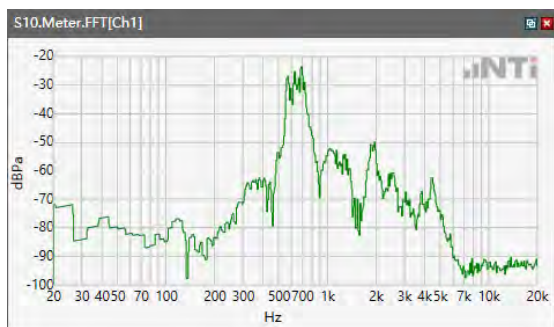
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



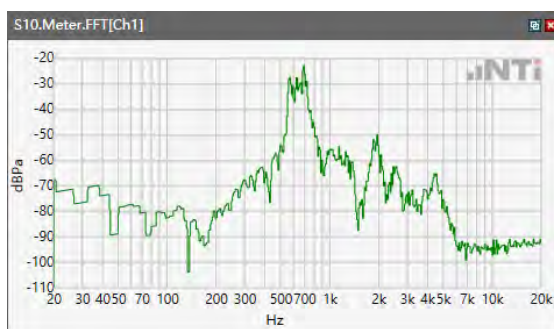
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



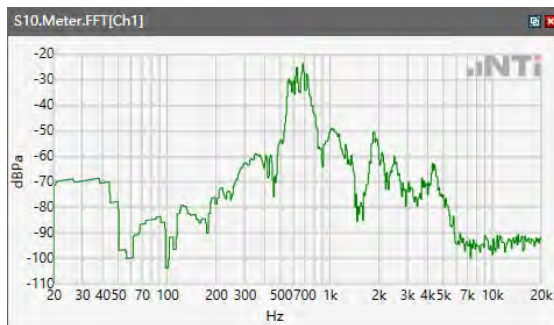
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



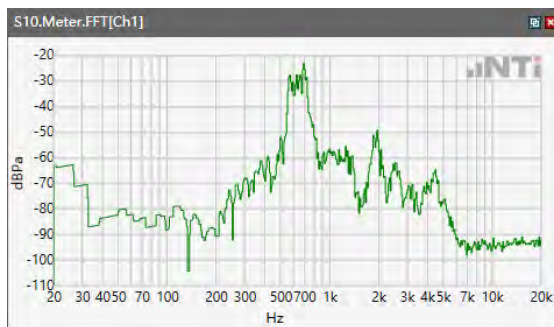
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



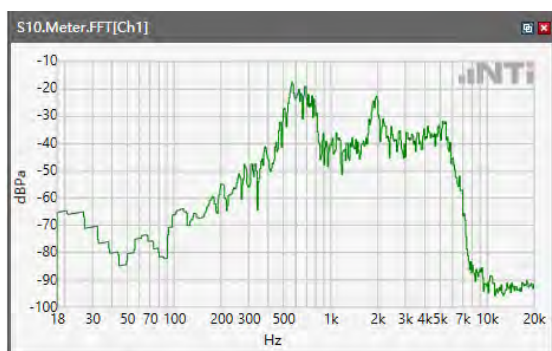
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



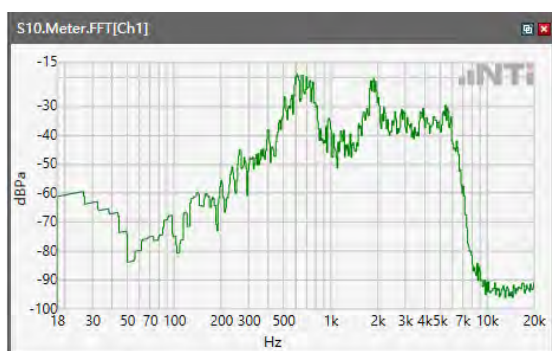
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



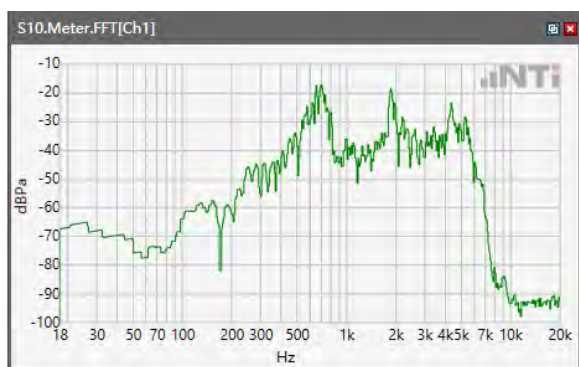
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



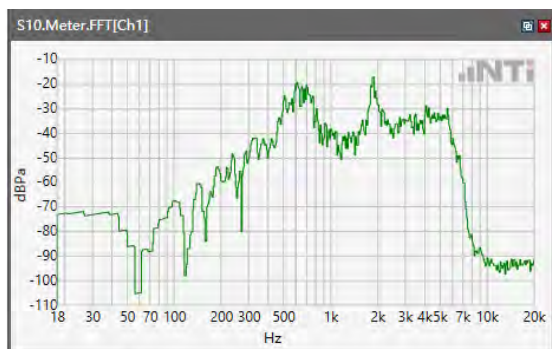
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



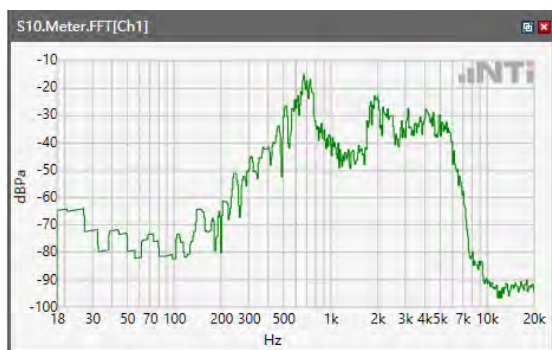
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



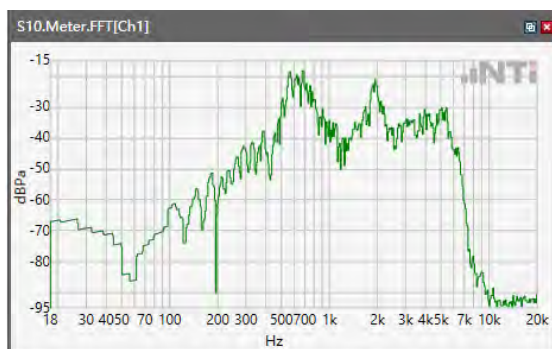
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



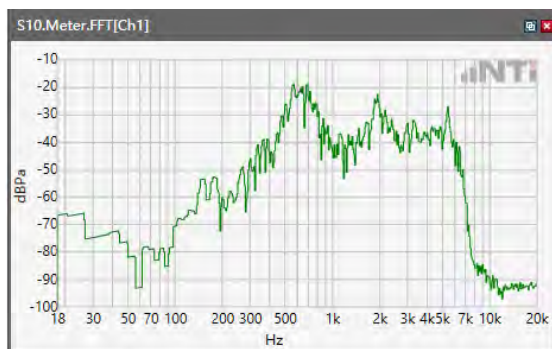
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



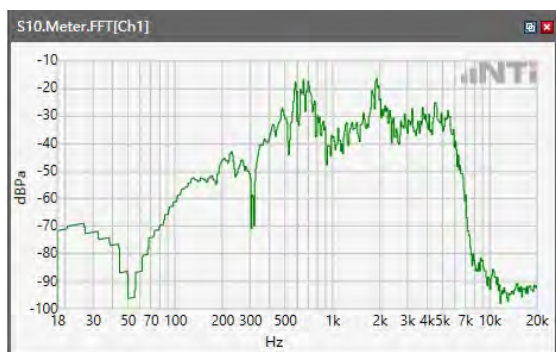
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



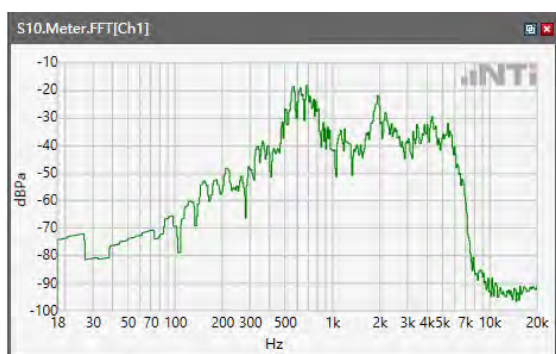
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5G NR n7



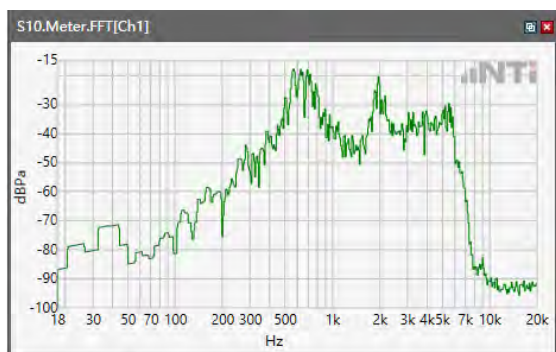
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



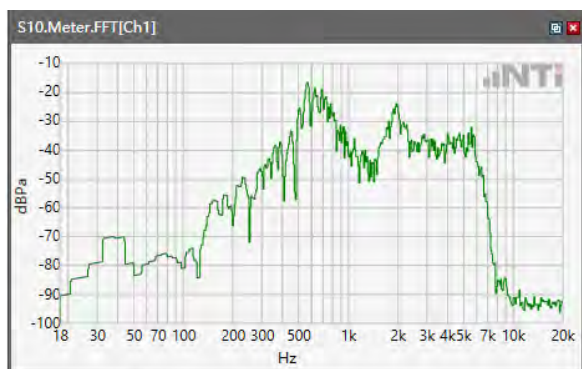
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



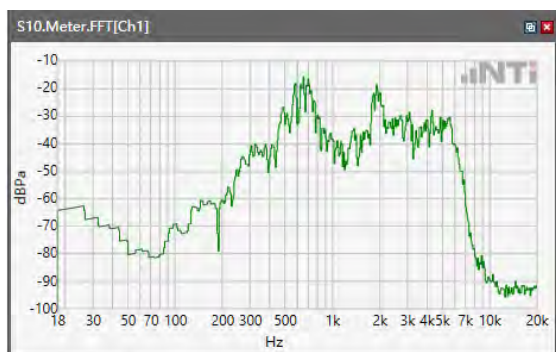
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



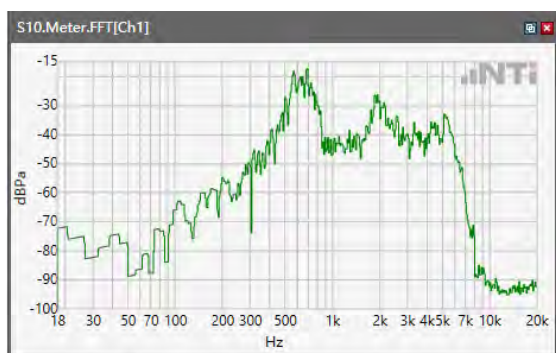
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



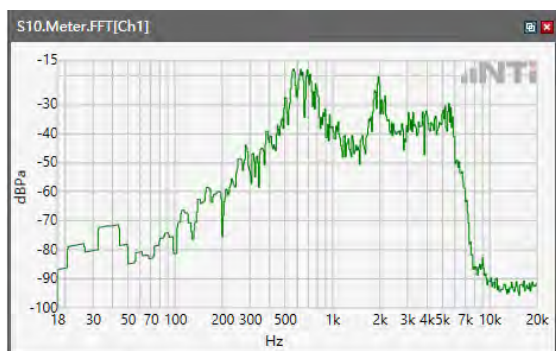
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71

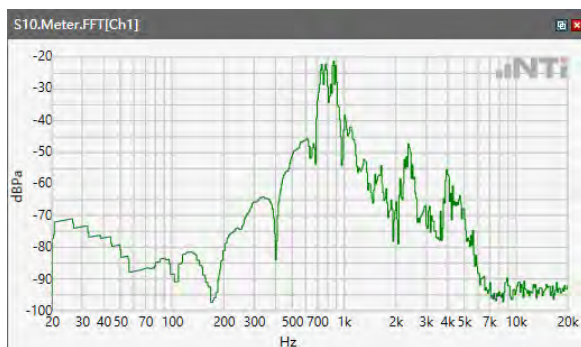


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77

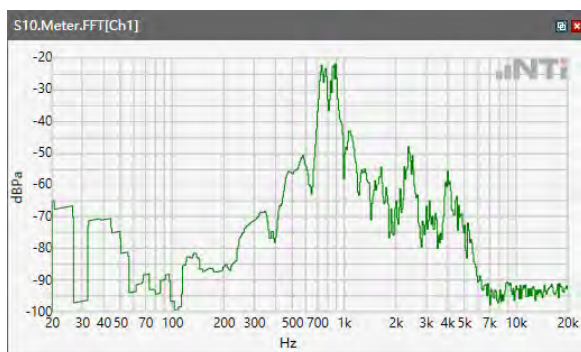


## 5.2 Receive path - distortion and noise 800Hz 8N&2N WB

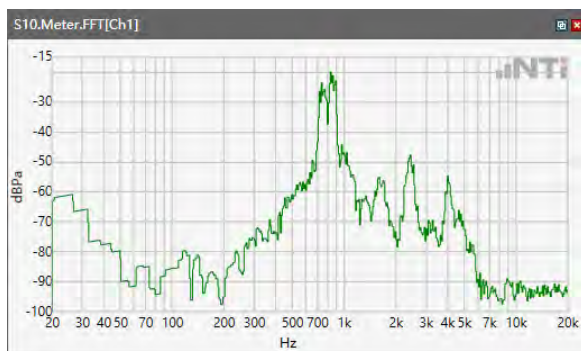
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



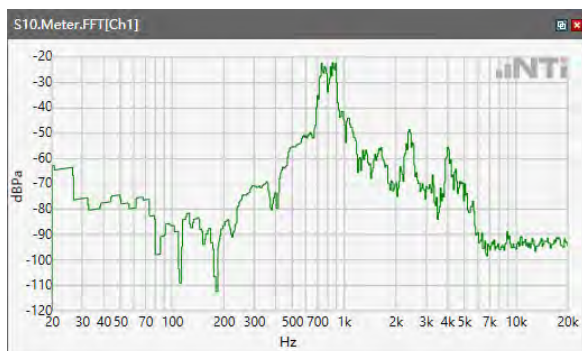
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



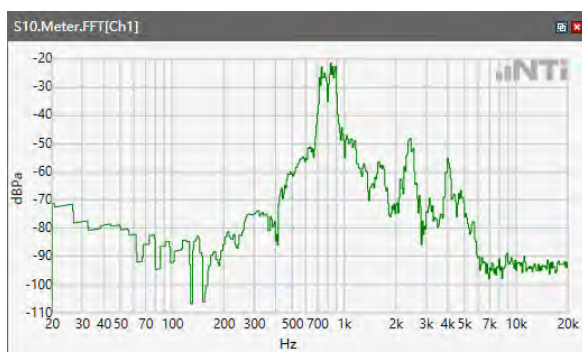
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



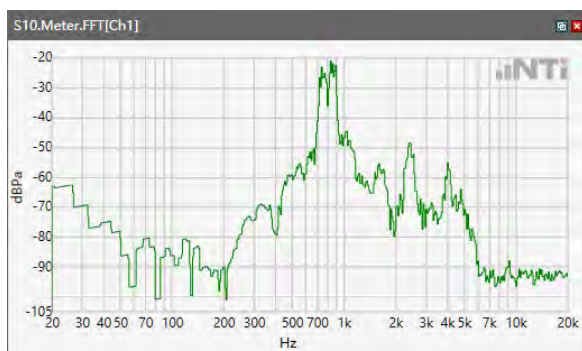
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



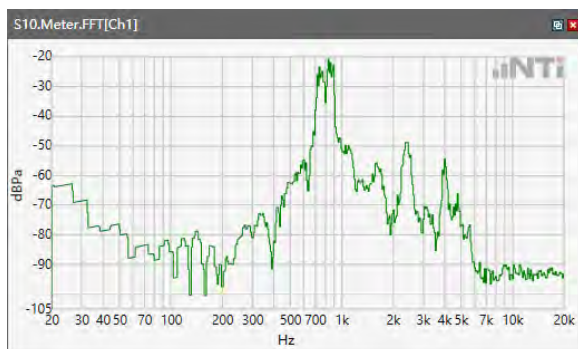
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



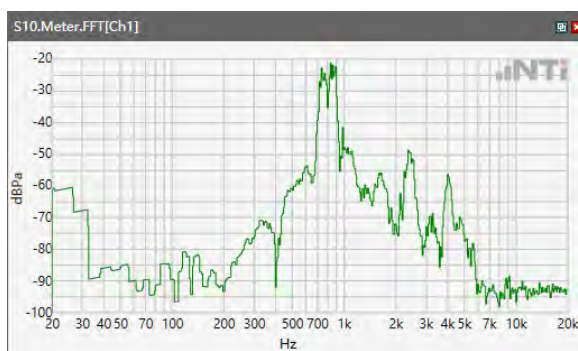
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



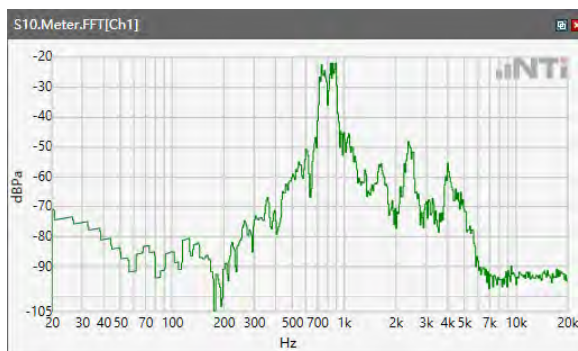
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



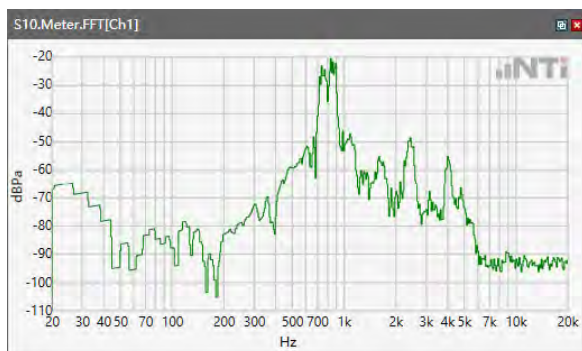
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



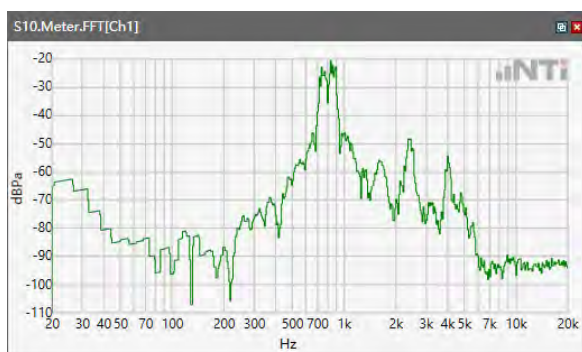
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



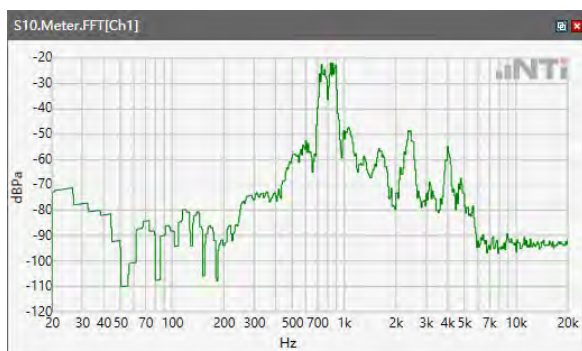
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



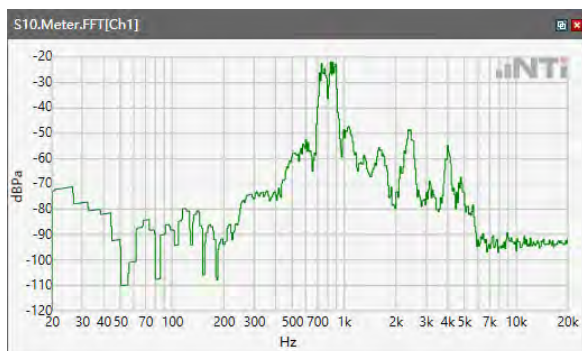
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



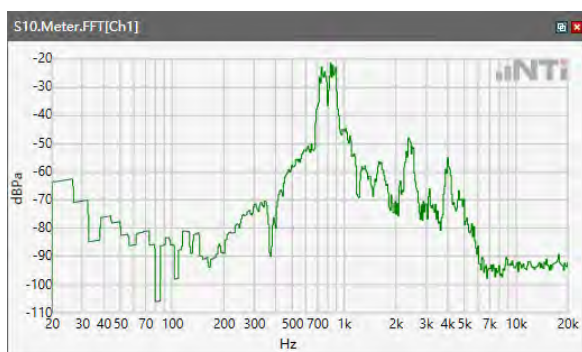
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



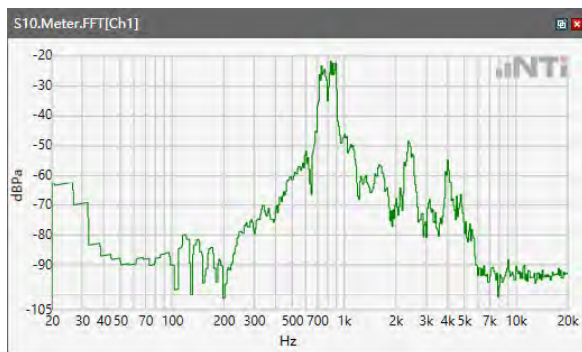
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



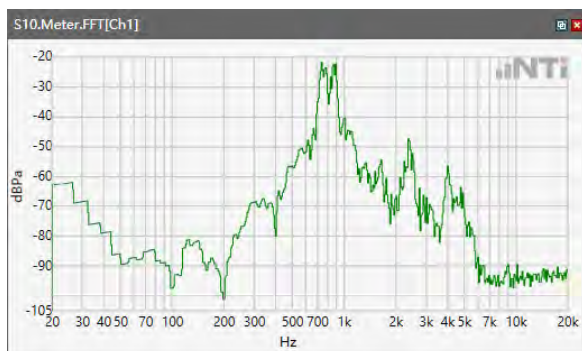
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



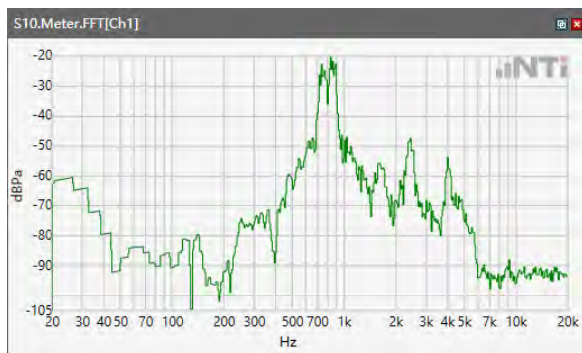
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



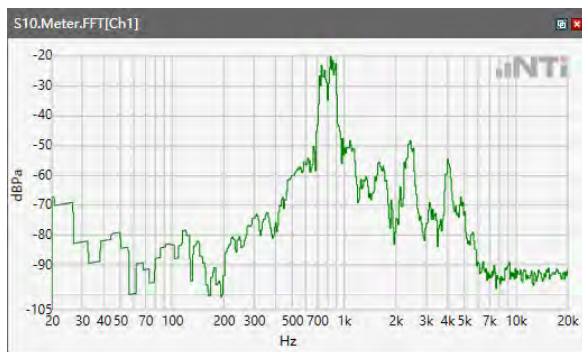
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



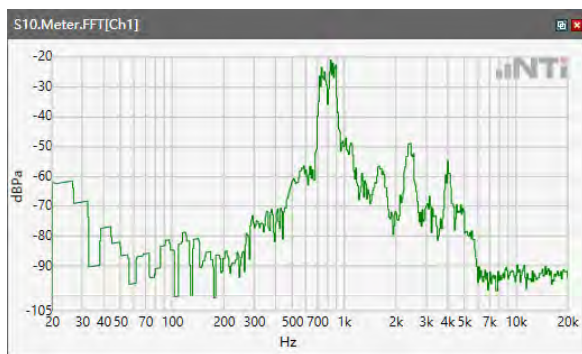
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



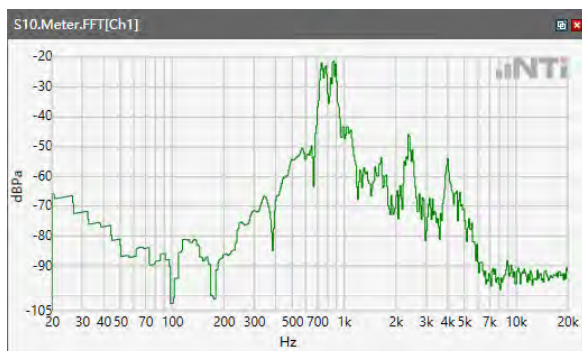
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



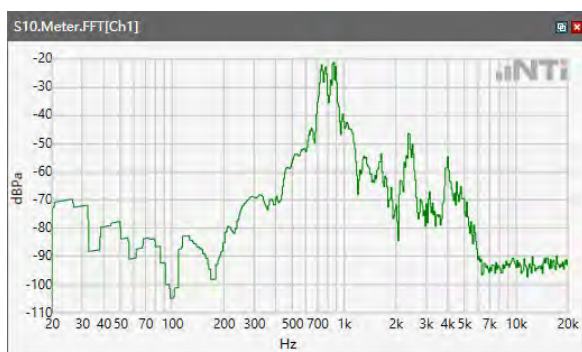
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



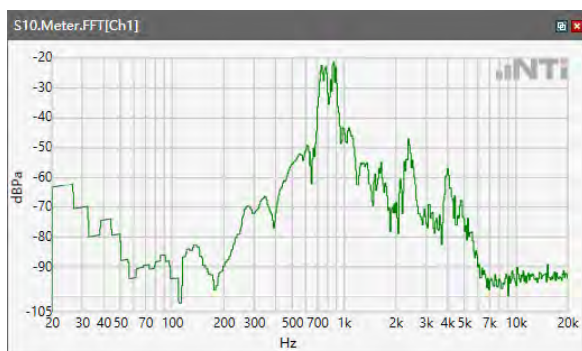
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



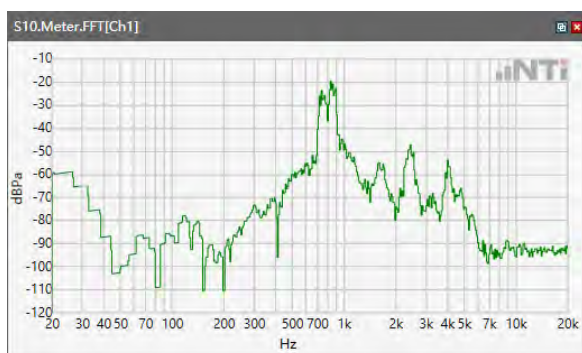
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



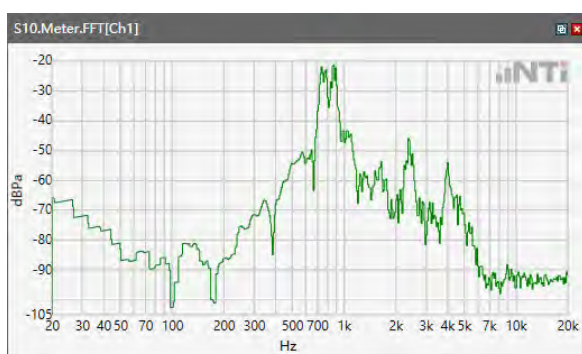
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



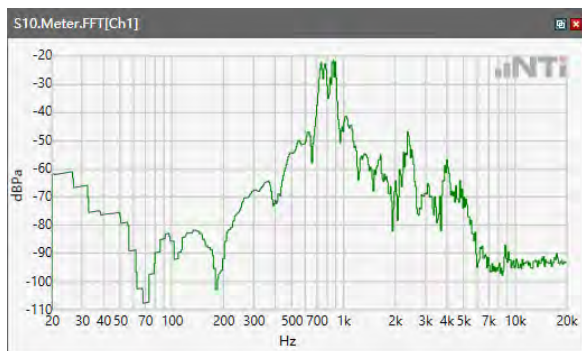
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71



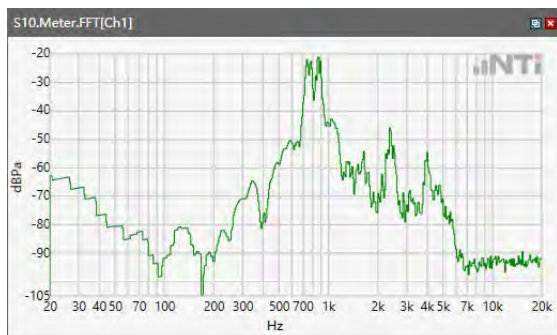
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77



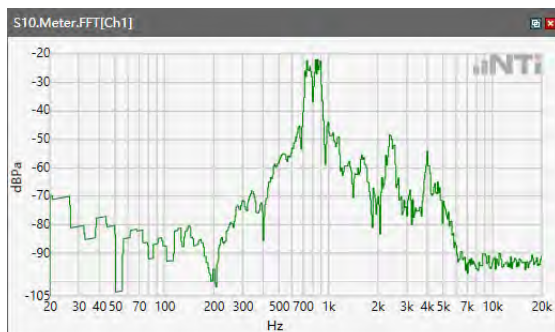
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



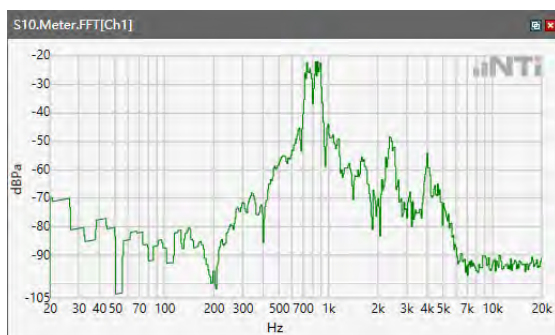
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



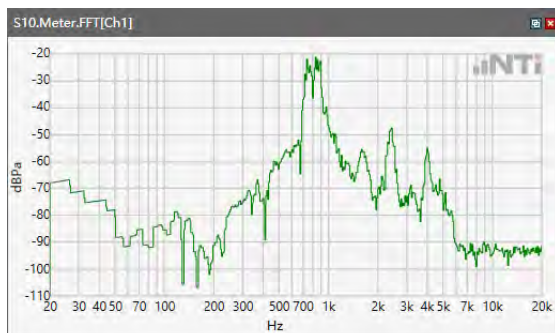
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



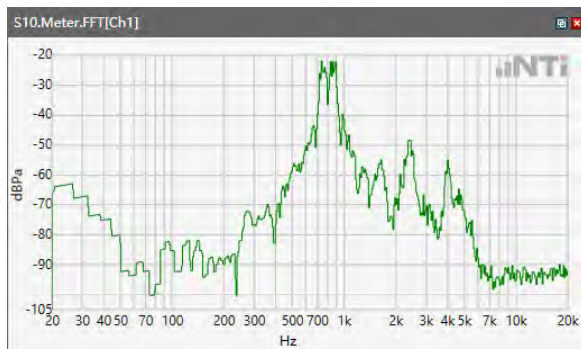
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



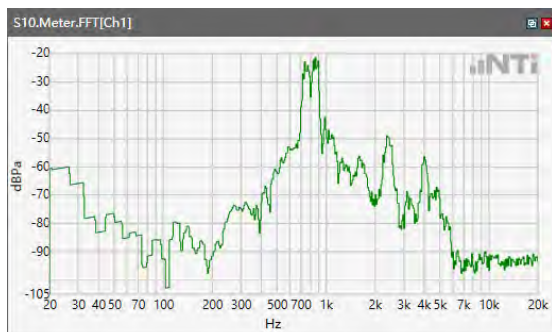
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



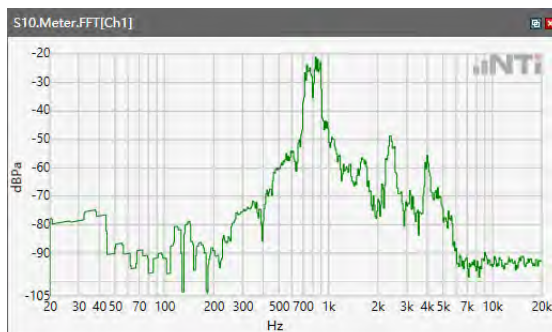
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



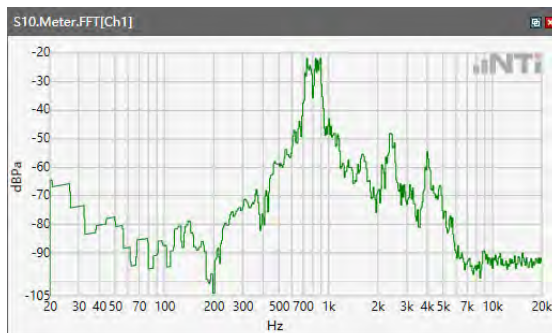
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



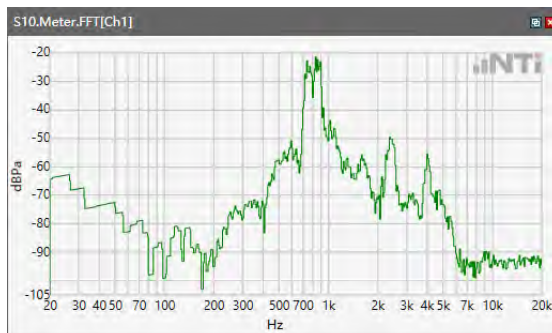
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



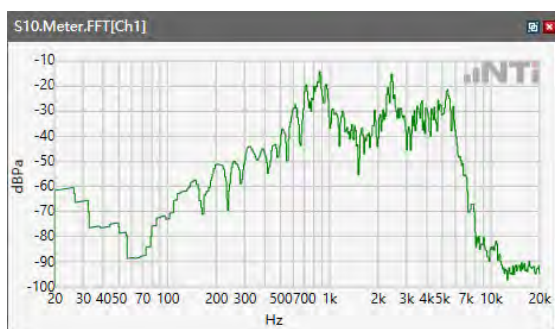
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



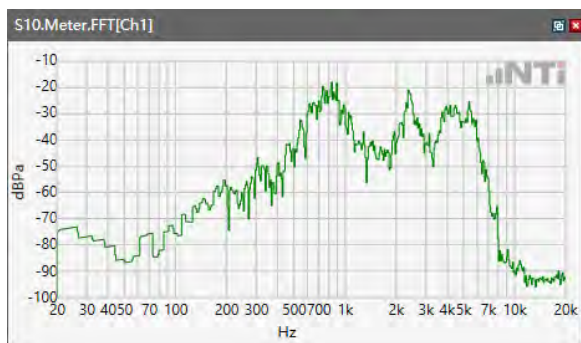
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 30



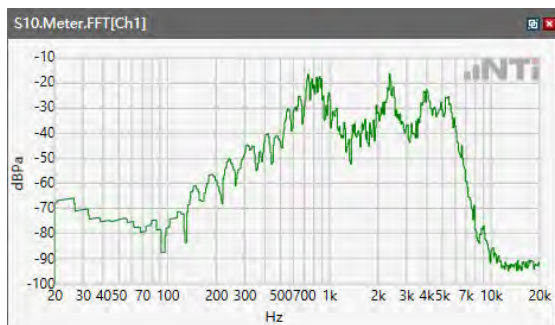
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



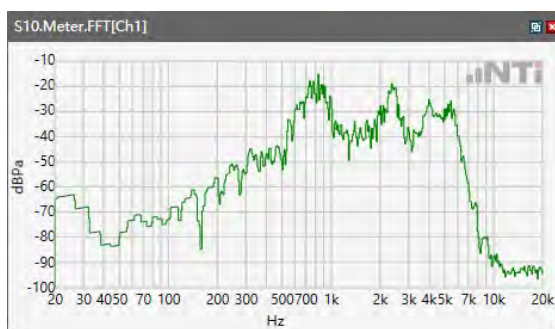
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 48



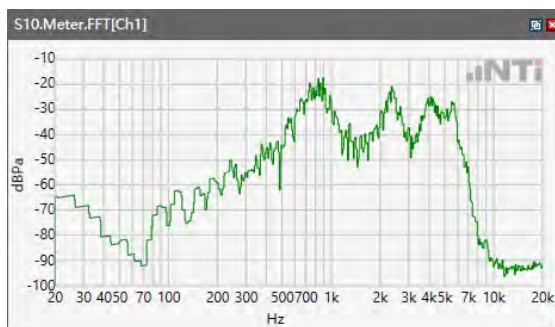
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



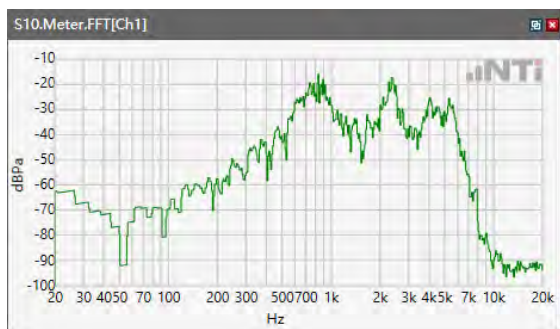
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



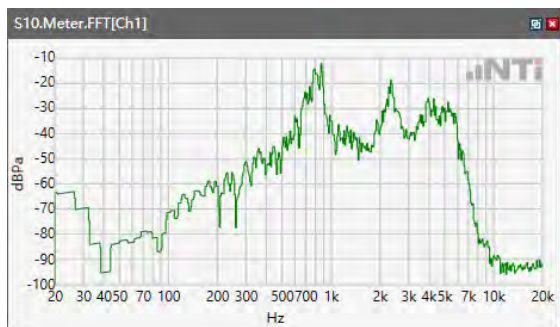
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n7



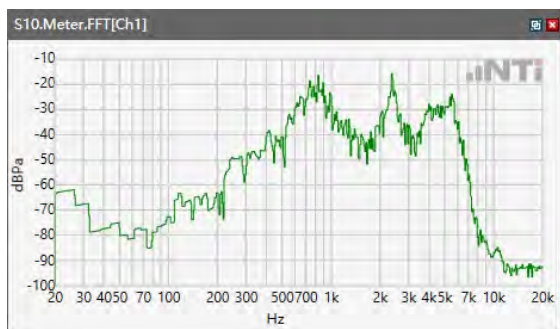
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n25



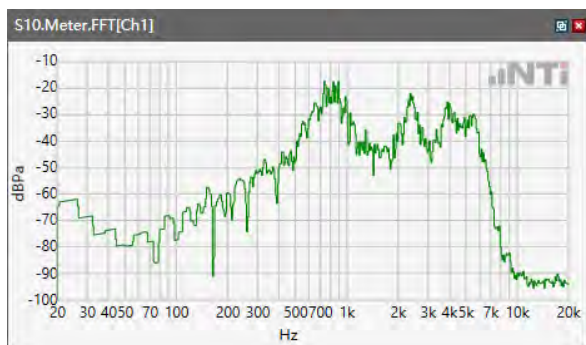
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n26



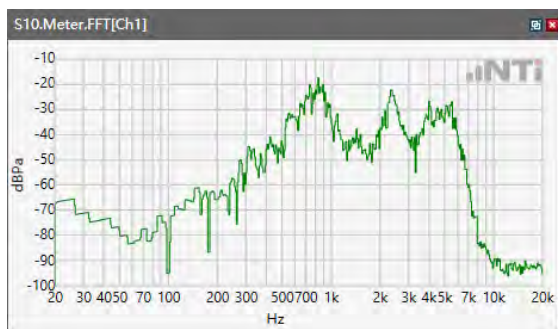
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n30



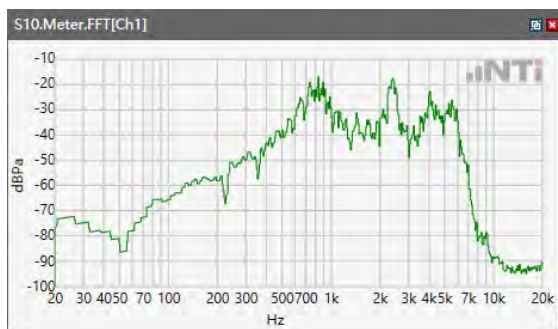
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n41



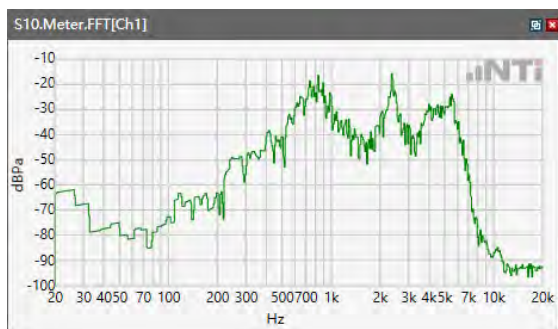
ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n66



ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n71

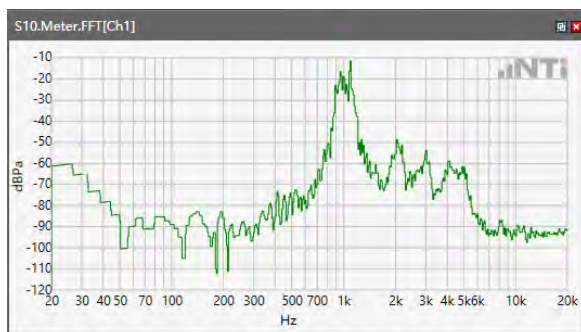


ANSI/TIA 5050-2018 \ 2N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\5GNR n77

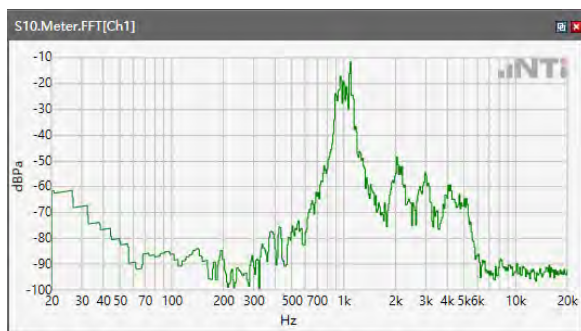


## 5.2 Receive path - distortion and noise 1000Hz 8N&2N WB

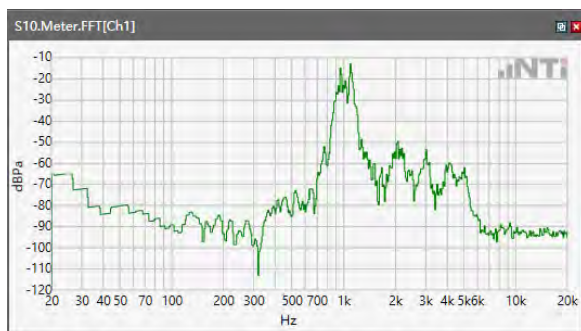
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



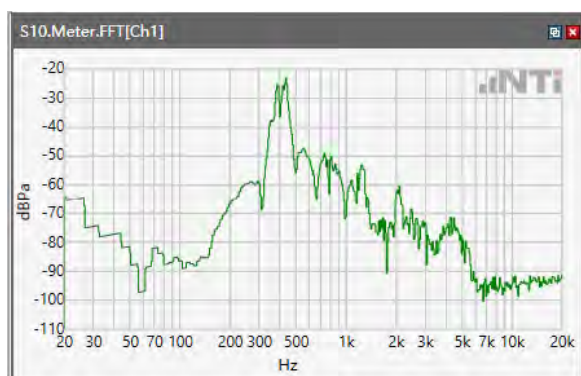
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



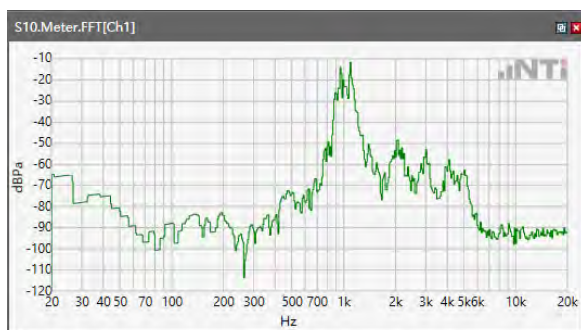
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



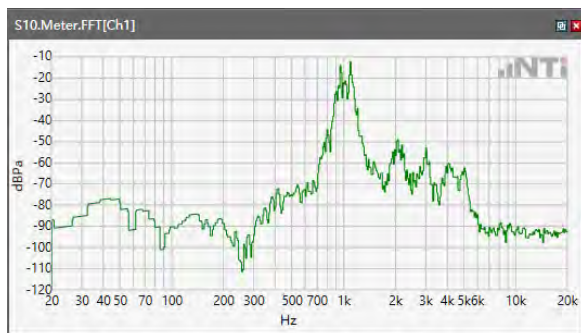
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



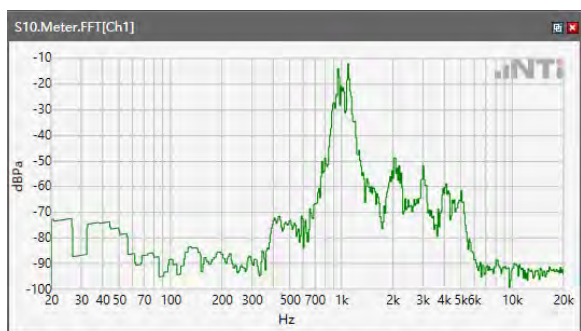
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



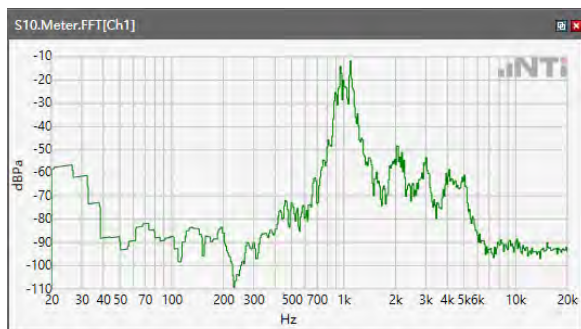
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



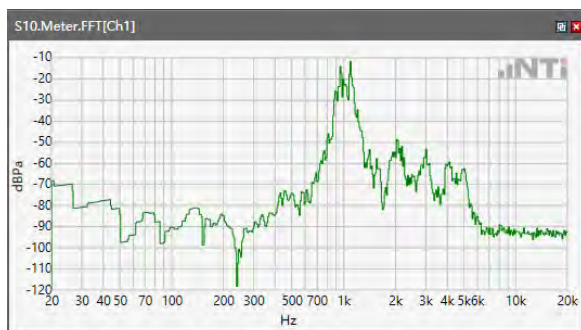
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



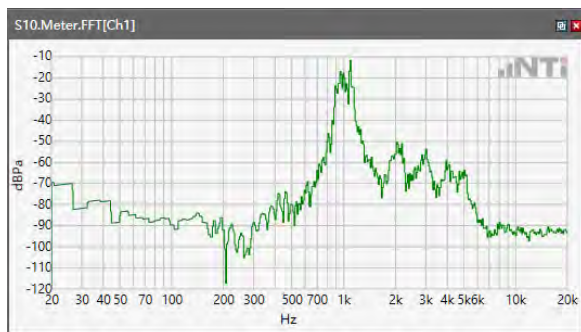
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 26

