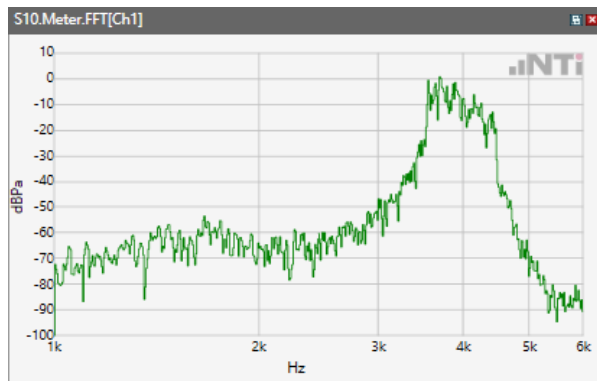
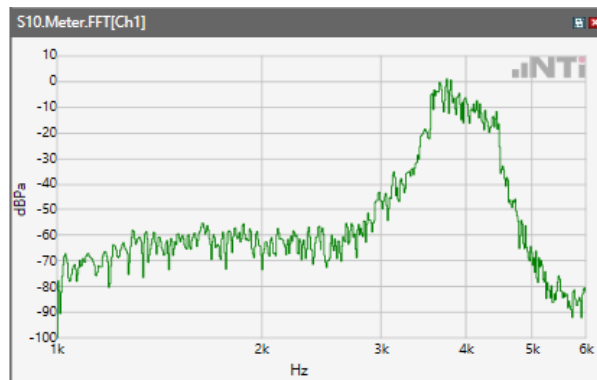


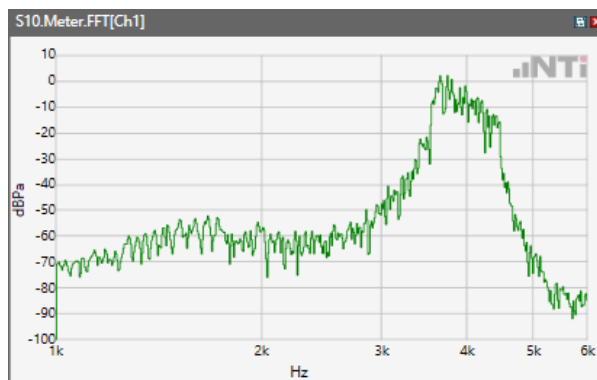
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



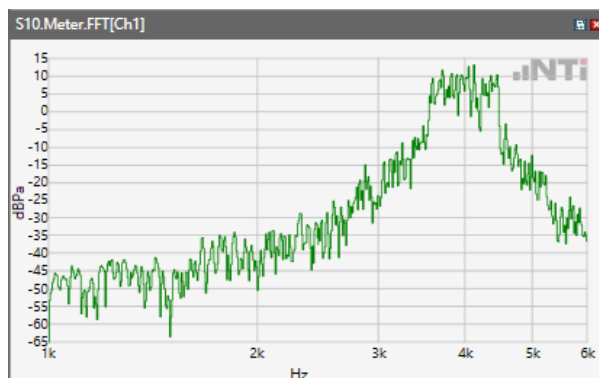
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 30



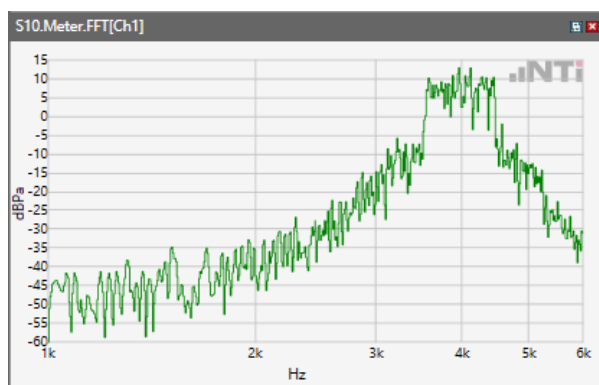
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 41



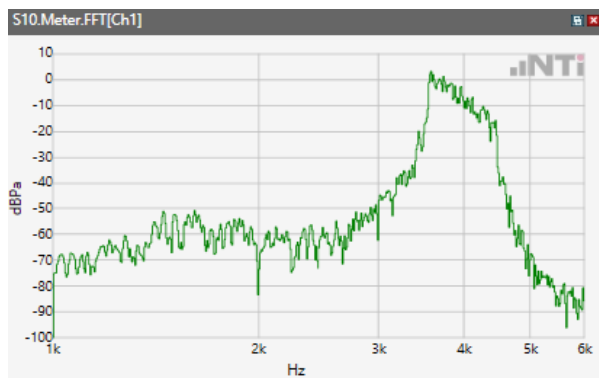
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 48



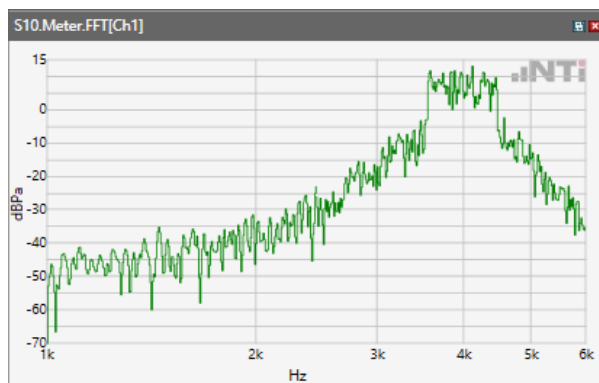
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



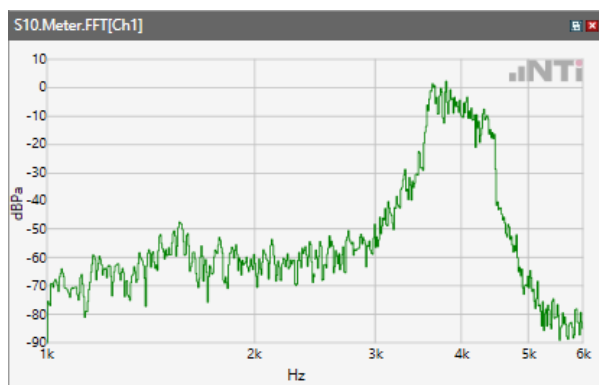
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



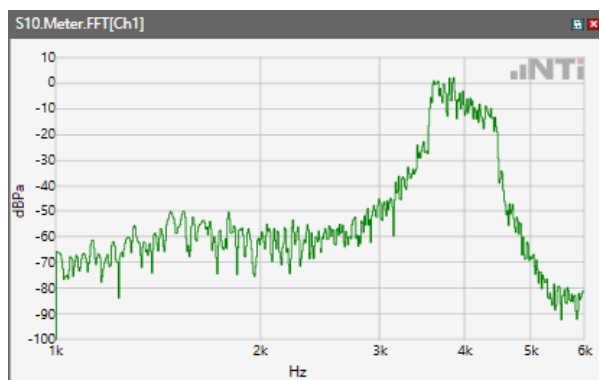
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz

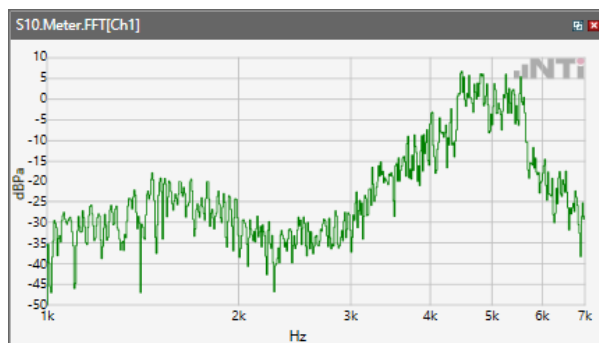


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

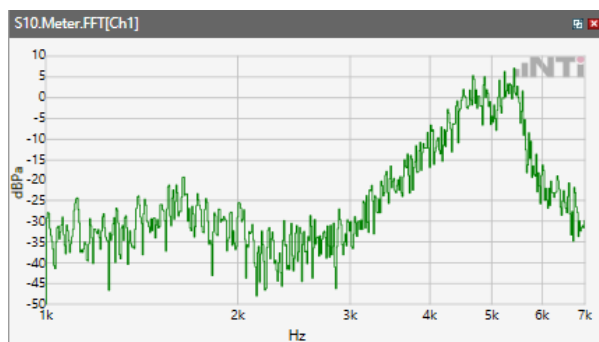


Receive path - distortion and noise 5000Hz WB only

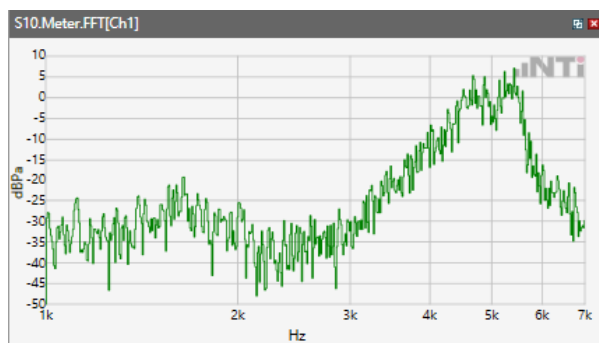
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



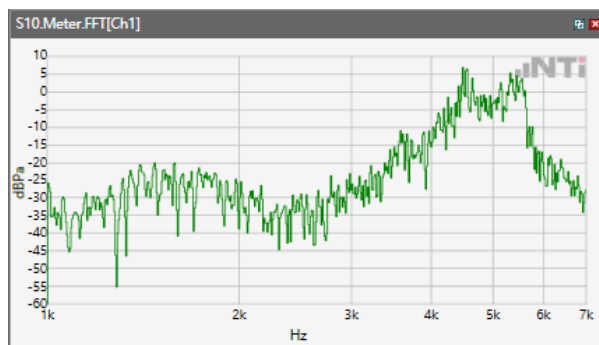
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band IV



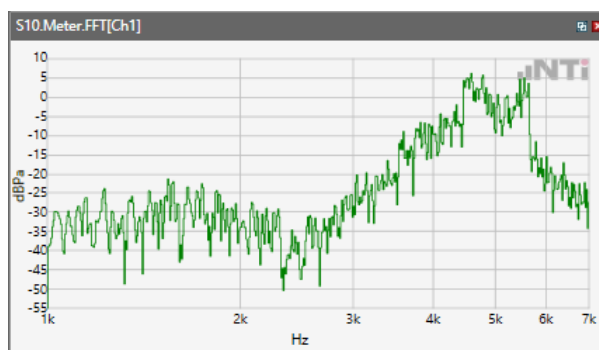
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band V



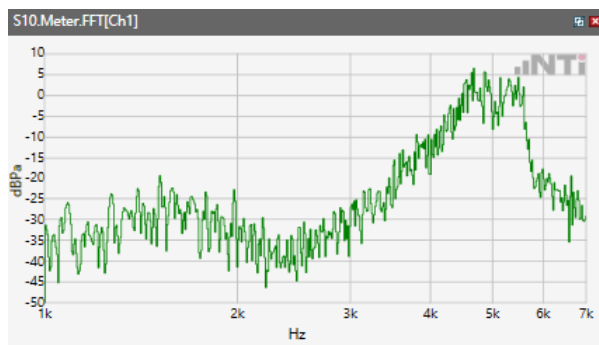
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



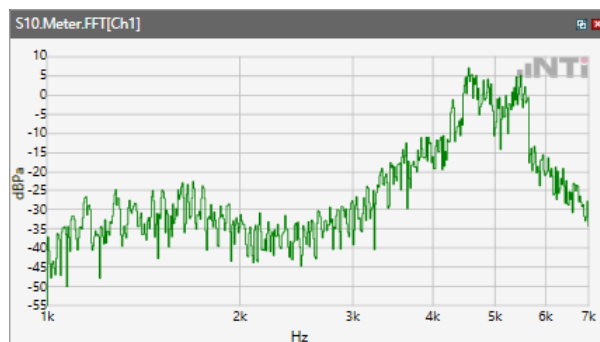
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



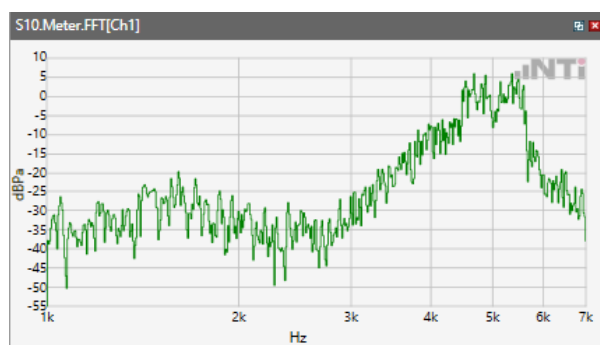
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



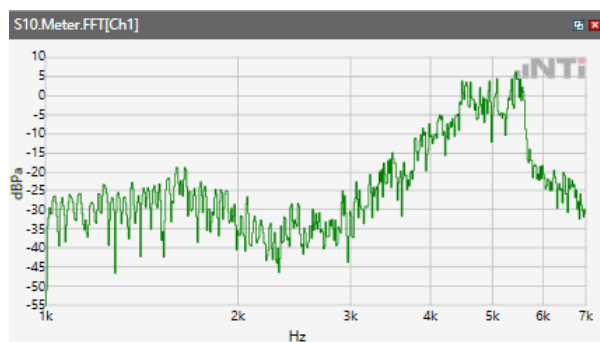
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



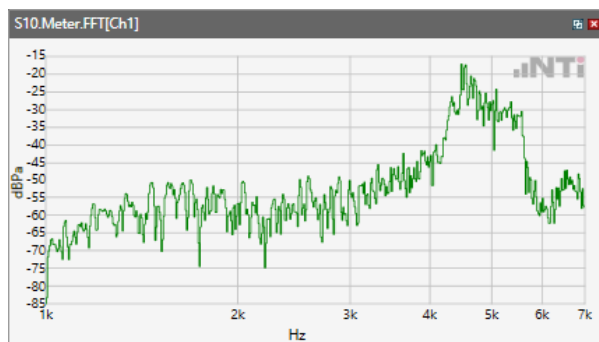
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



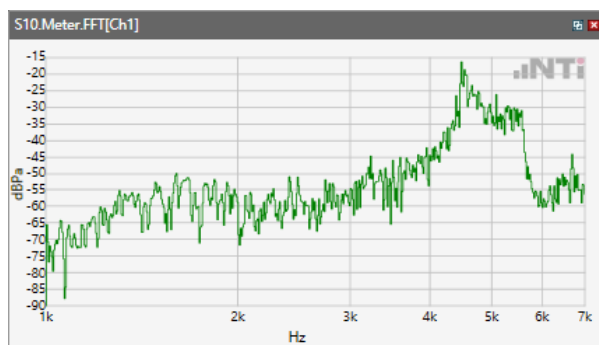
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



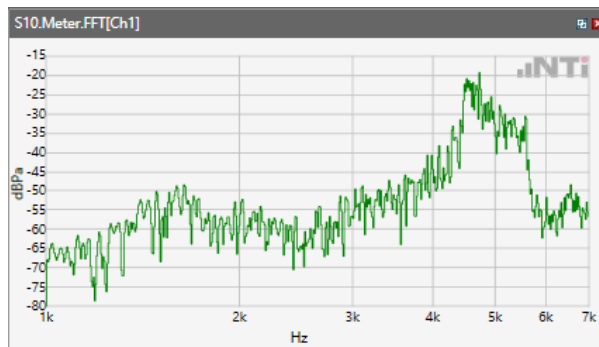
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 14



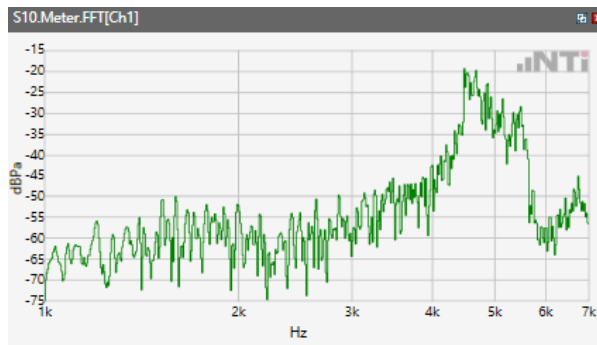
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



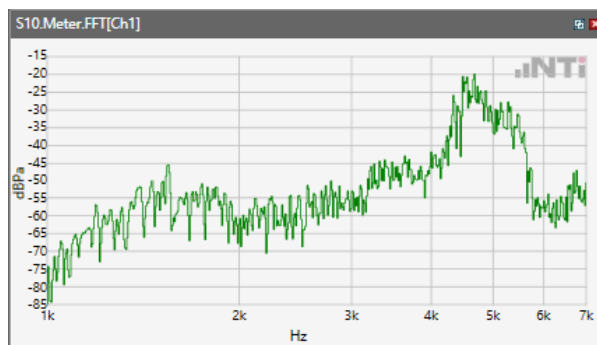
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



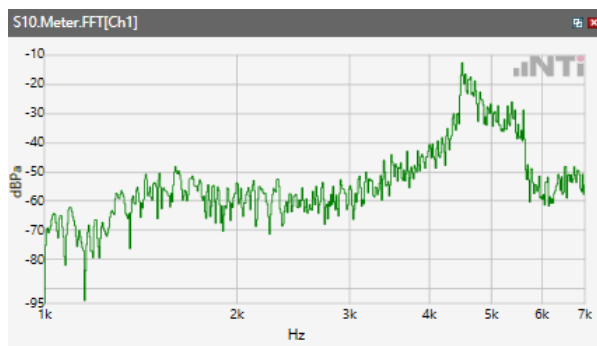
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



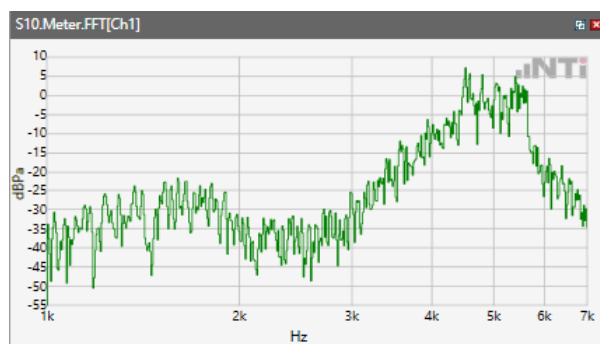
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 30



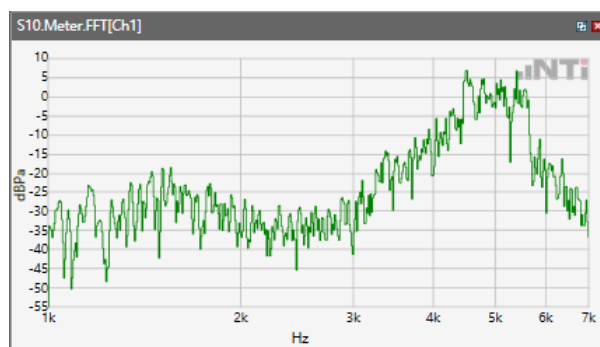
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 41



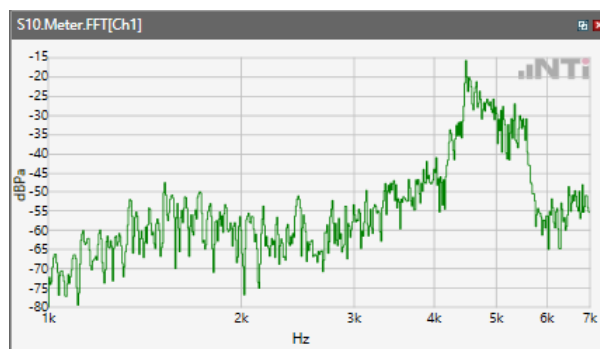
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 48



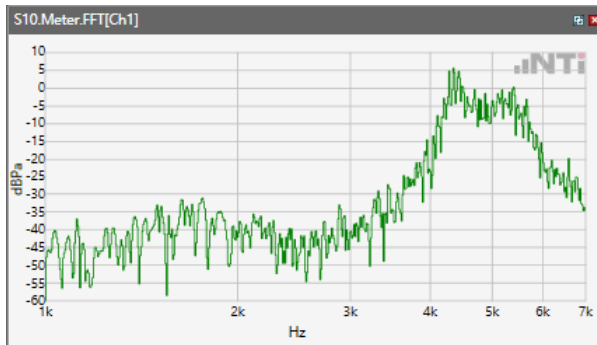
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



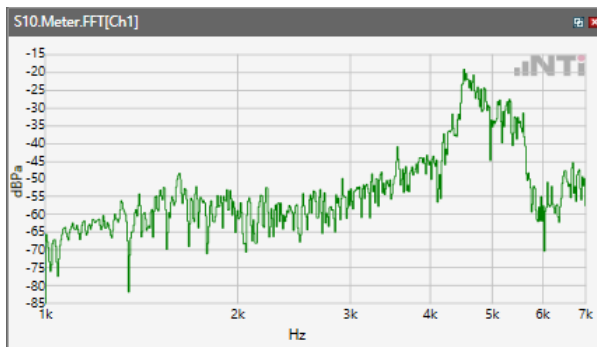
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



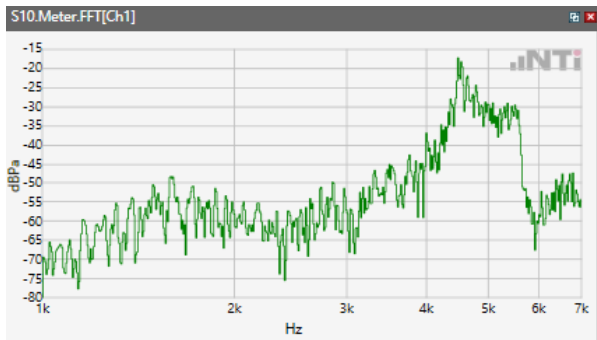
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

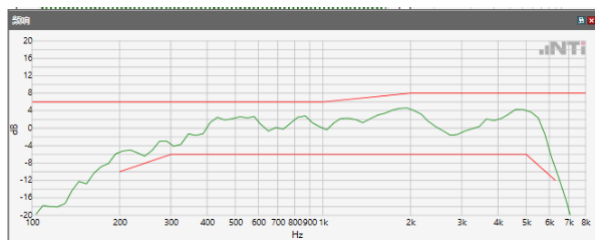


5.2 Receive path – distortion and noise

The distortion and noise test results data are referred to Annex C.

5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

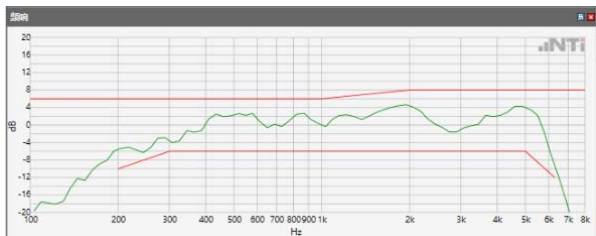
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

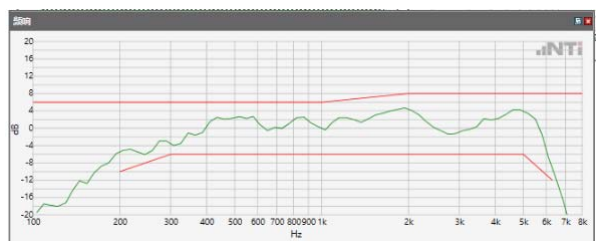
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \ LTE Band 4



Absolute minimal distance

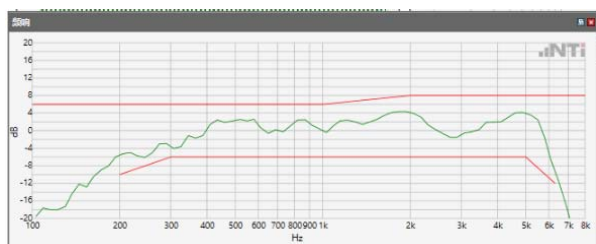
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \ LTE Band 5



Absolute minimal distance

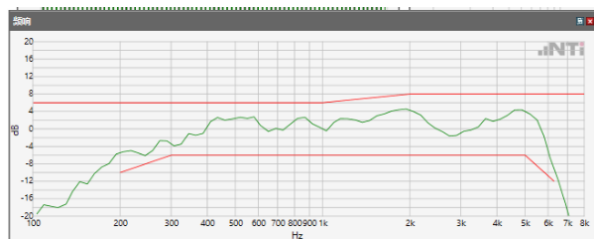
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

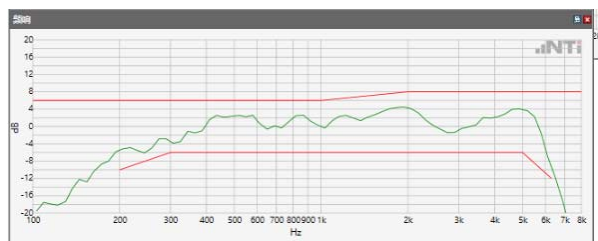
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

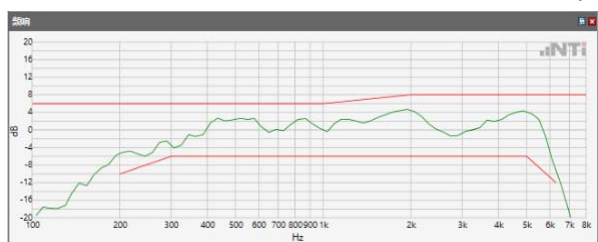
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

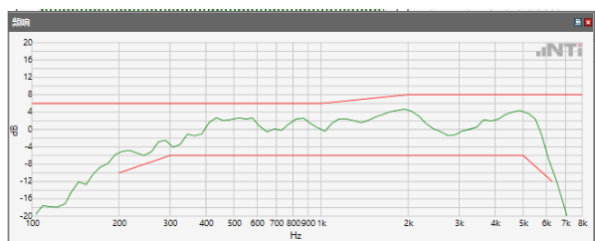
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \ LTE Band 17



Absolute minimal distance

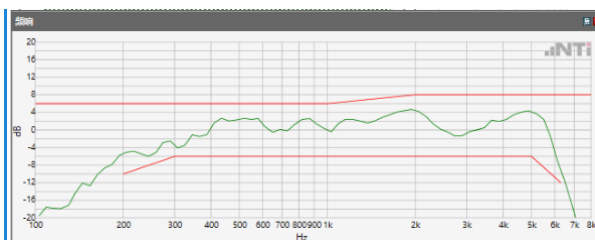
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

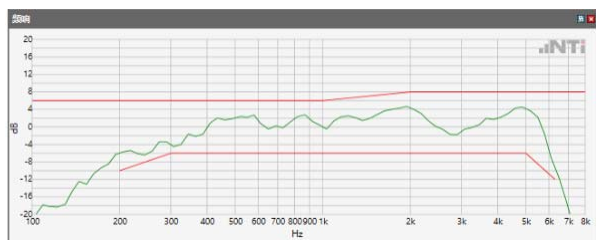
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

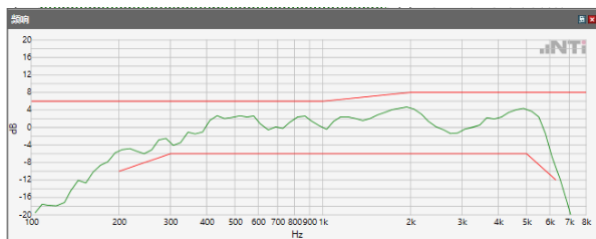
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

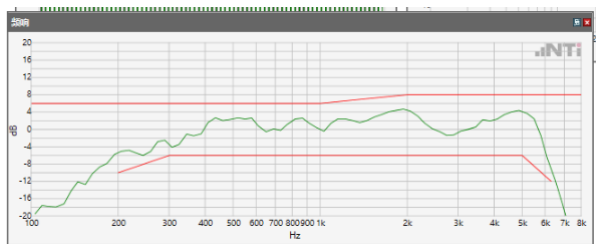
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

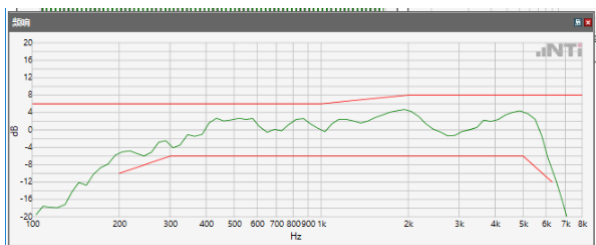
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

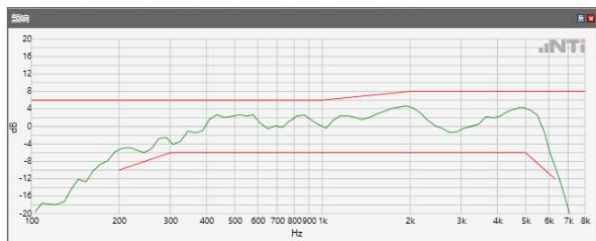
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \WLAN 2.4GHz



Absolute minimal distance

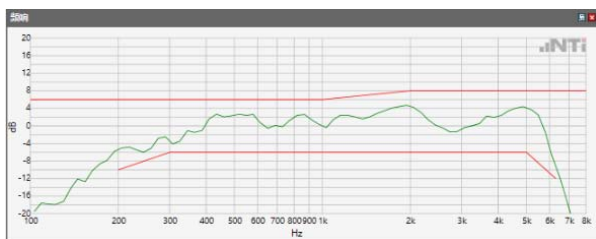
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \WLAN 5.2GHz



Absolute minimal distance

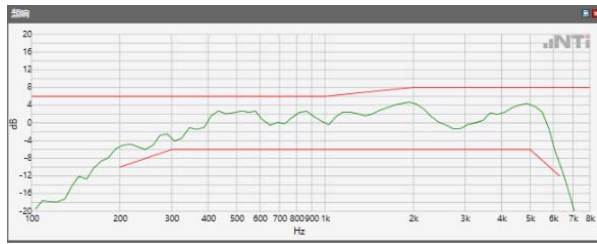
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \ WLAN 5.8GHz



Absolute minimal distance

OK

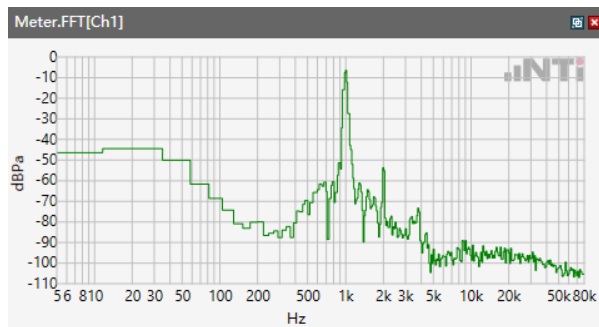
OK

Limits

	lower
Run 1	Fit into tolerance

5.1 Receive Volume Control Performance 2N---EVS NB

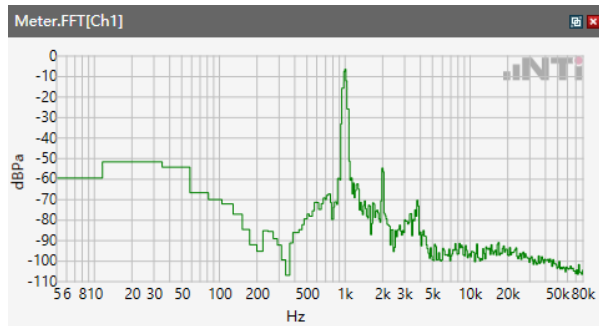
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 2



Speech Level RCV: 88.03 dB[SPL]

Calculated Value: 18.03 dB Ok

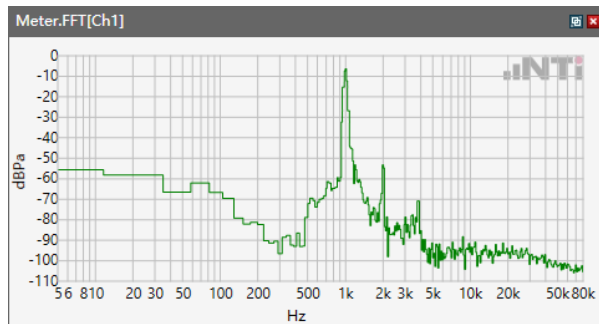
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\ LTE Band 4



Speech Level RCV: 87.68 dB[SPL]

Calculated Value: 17.68 dB Ok

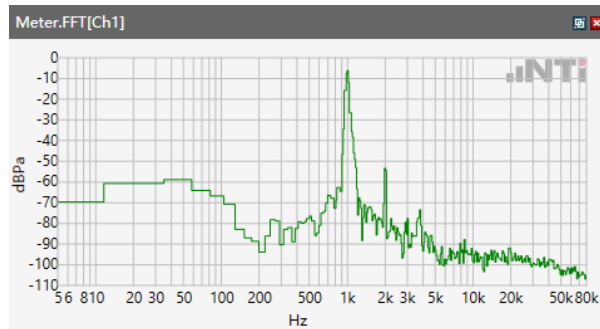
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 5



Speech Level RCV: 88.32 dB[SPL]

Calculated Value: 18.32 dB Ok

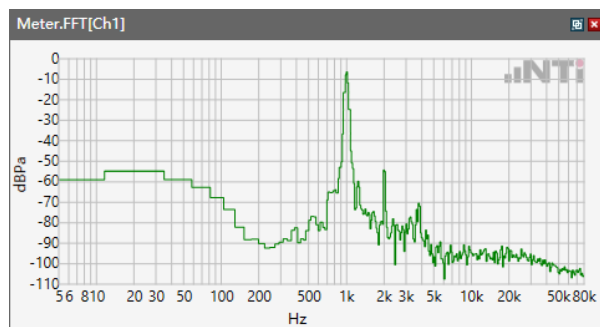
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 7



Speech Level RCV: 88.13 dB[SPL]

Calculated Value: 18.13 dB Ok

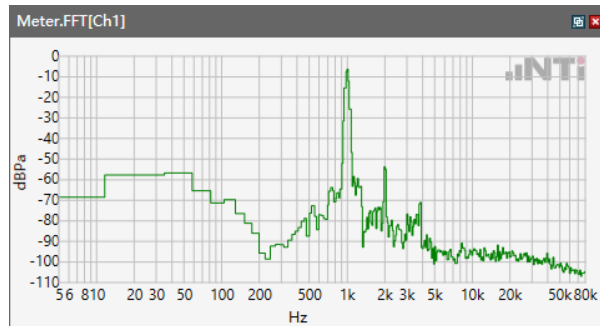
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\ LTE Band 12



Speech Level RCV: 87.86 dB[SPL]

Calculated Value: 17.86 dB Ok

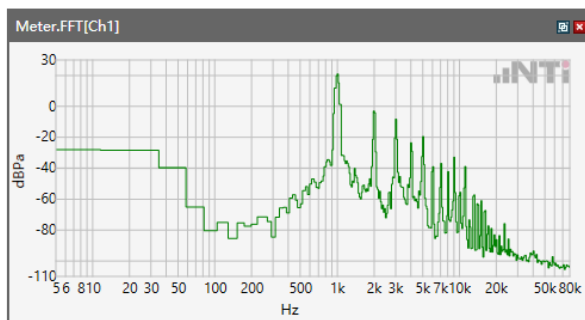
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 13



Speech Level RCV: 87.81 dB[SPL]

Calculated Value: 17.81 dB Ok

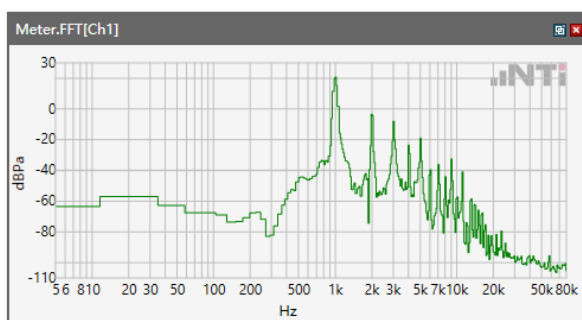
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 14



Speech Level RCV: 89.11 dB[SPL]

Calculated Value: 19.11 dB Ok

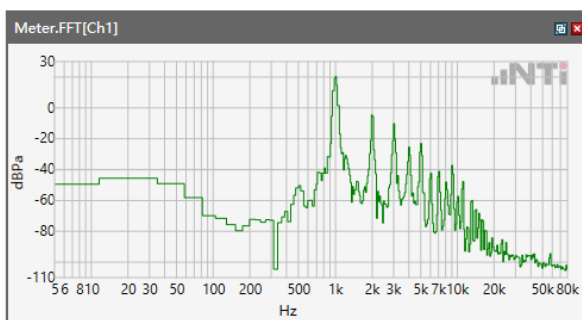
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 17



Speech Level RCV: 93.25 dB[SPL]

Calculated Value: 23.25 dB Ok

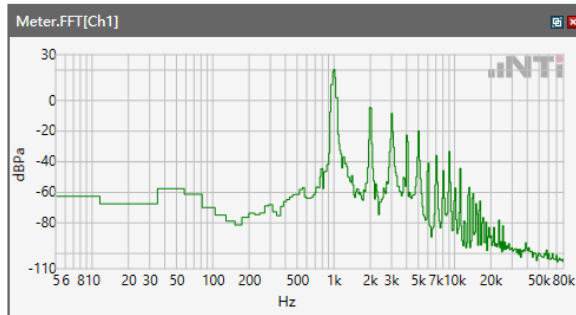
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 25



Speech Level RCV: 114.5 dB[SPL]

Calculated Value: 44.5 dB Ok

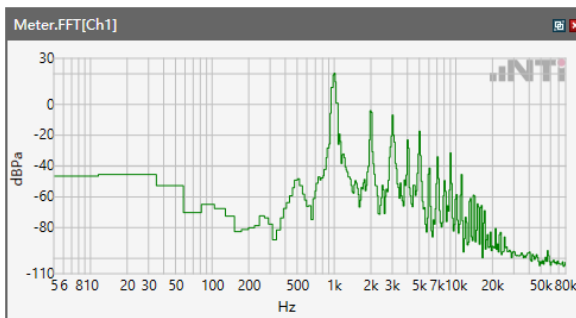
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 26



Speech Level RCV: 97.63 dB[SPL]

Calculated Value: 27.63 dB Ok

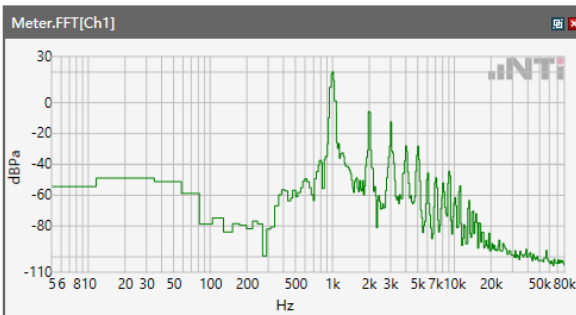
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 30



Speech Level RCV: 89.24 dB[SPL]

Calculated Value: 19.24 dB Ok

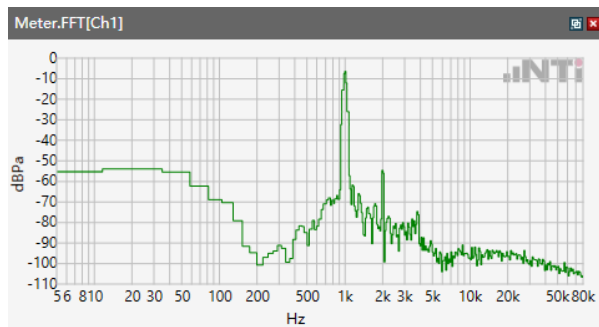
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 41



Speech Level RCV: 96.11 dB[SPL]

Calculated Value: 26.11 dB Ok

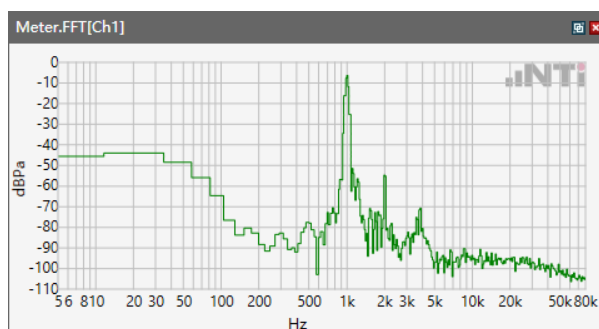
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 48



Speech Level RCV: 88.24 dB[SPL]

Calculated Value: 18.24 dB Ok

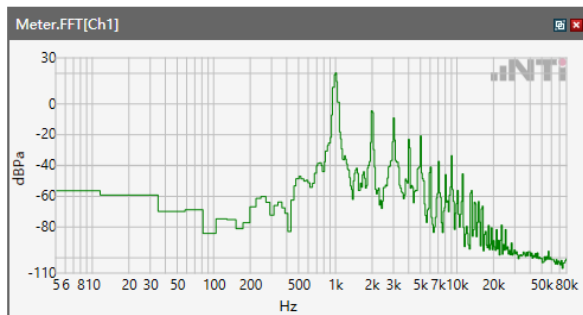
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 66



Speech Level RCV: 87.73 dB[SPL]

Calculated Value: 17.73 dB Ok

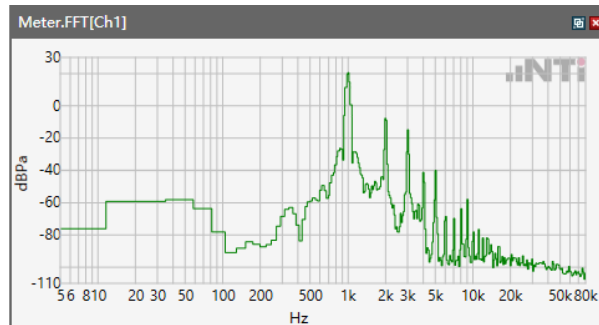
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 71



Speech Level RCV: 87.36 dB[SPL]

Calculated Value: 17.36 dB Ok

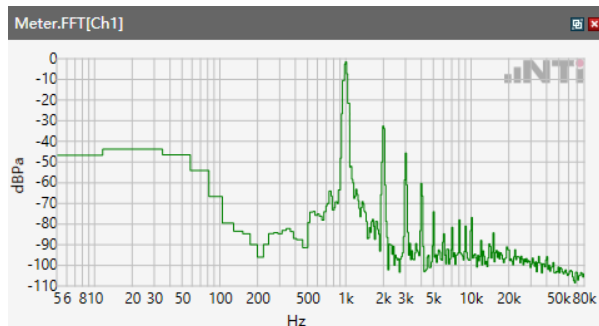
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 2.4GHz



Speech Level RCV: 98.19 dB[SPL]

Calculated Value: 28.19 dB Ok

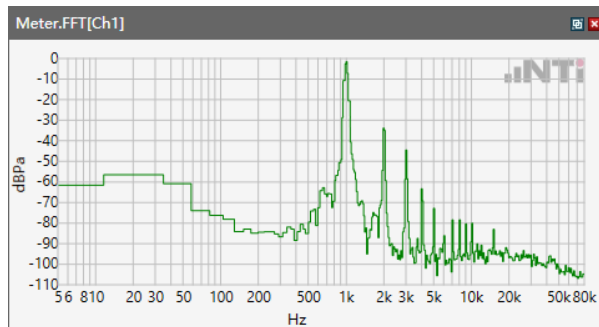
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.2GHz



Speech Level RCV: 92.85 dB[SPL]

Calculated Value: 22.85 dB Ok

ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.8 GHz

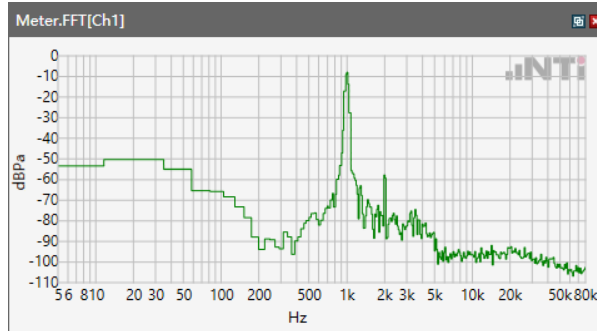


Speech Level RCV: 92.88 dB[SPL]

Calculated Value: 22.88 dB Ok

5.1 Receive Volume Control Performance 2N---EVS WB

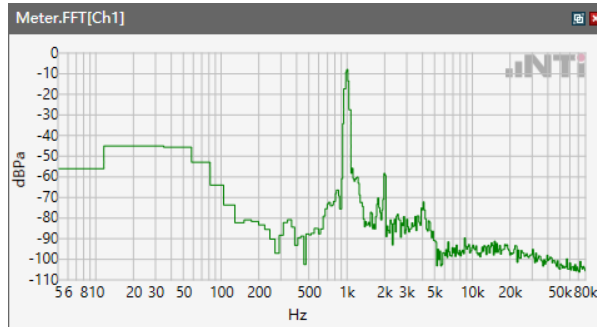
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 2



Speech Level RCV: 86.56 dB[SPL]

Calculated Value: 16.56 dB Ok

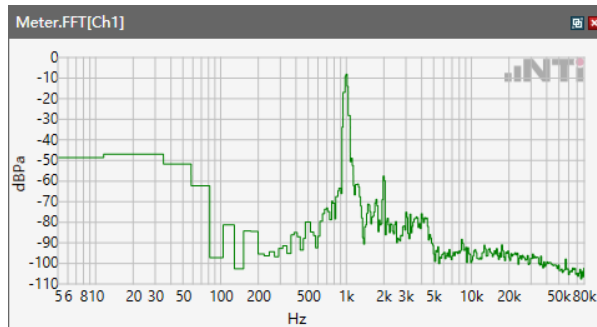
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\ LTE Band 4



Speech Level RCV: 86.71 dB[SPL]

Calculated Value: 16.71 dB Ok

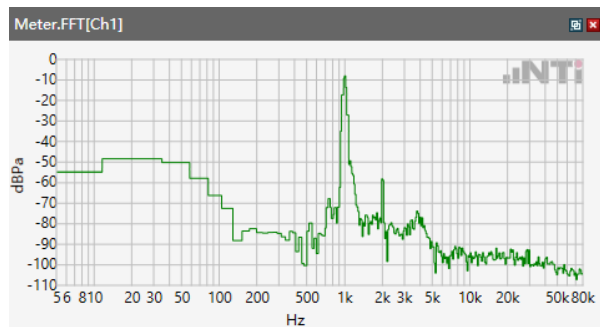
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 5



Speech Level RCV: 86.25 dB[SPL]

Calculated Value: 16.25 dB Ok

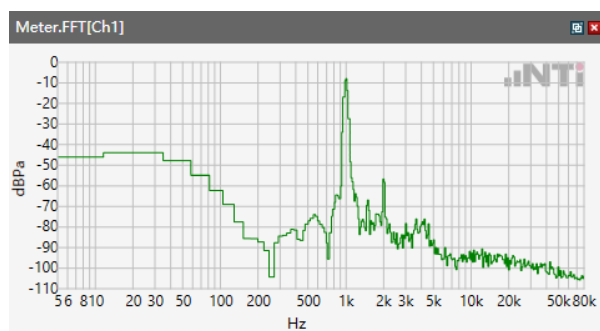
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 7



Speech Level RCV: 86.76 dB[SPL]

Calculated Value: 16.76 dB Ok

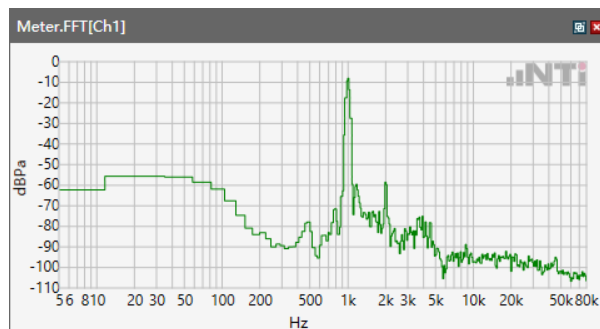
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\ LTE Band 12



Speech Level RCV: 86.41 dB[SPL]

Calculated Value: 16.41 dB Ok

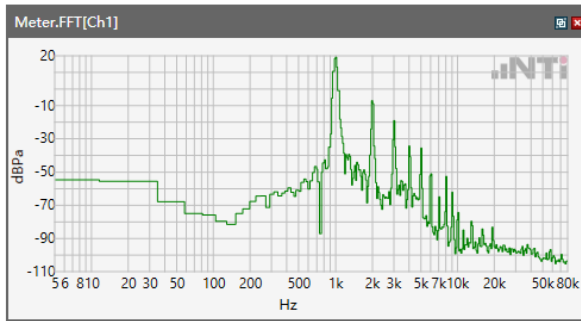
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 13



Speech Level RCV: 86.35 dB[SPL]

Calculated Value: 16.35 dB Ok

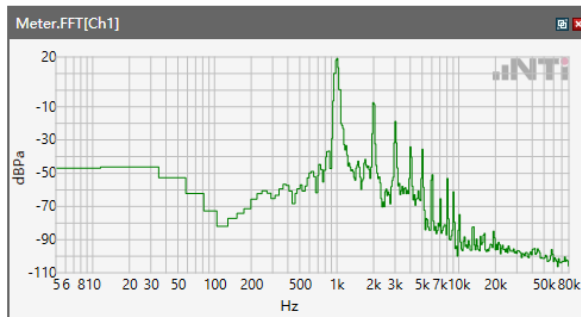
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 14



Speech Level RCV: 88.48 dB[SPL]

Calculated Value: 18.48 dB Ok

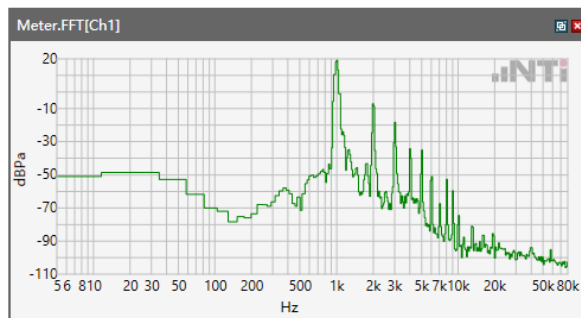
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 17



Speech Level RCV: 93.05 dB[SPL]

Calculated Value: 23.05 dB Ok

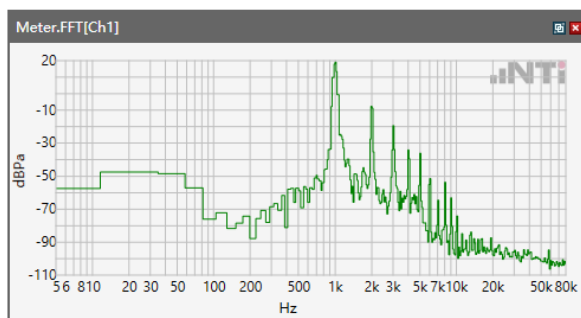
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 25



Speech Level RCV: 113.2 dB[SPL]

Calculated Value: 43.2 dB Ok

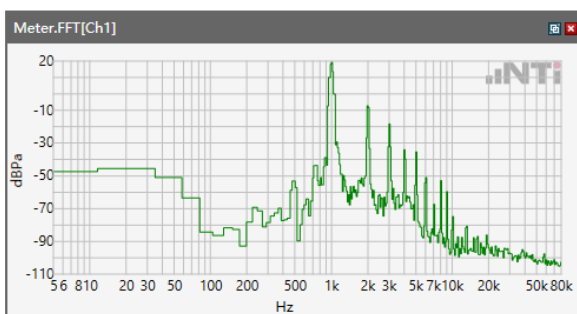
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 26



Speech Level RCV: 96.85 dB[SPL]

Calculated Value: 26.85 dB Ok

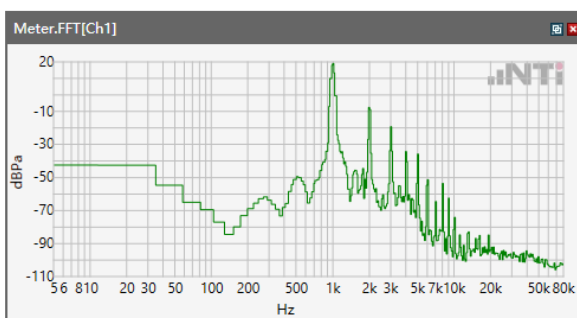
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 30



Speech Level RCV: 88.78 dB[SPL]

Calculated Value: 18.78 dB Ok

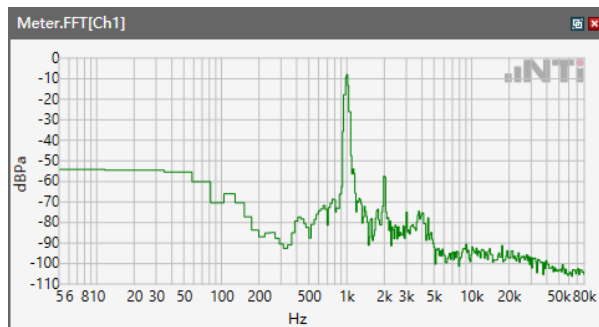
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 41



Speech Level RCV: 91.03 dB[SPL]

Calculated Value: 18.18 dB Ok

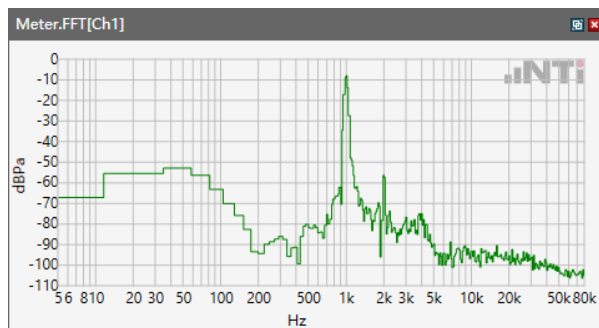
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 48



Speech Level RCV: 95.41 dB[SPL]

Calculated Value: 25.41 dB Ok

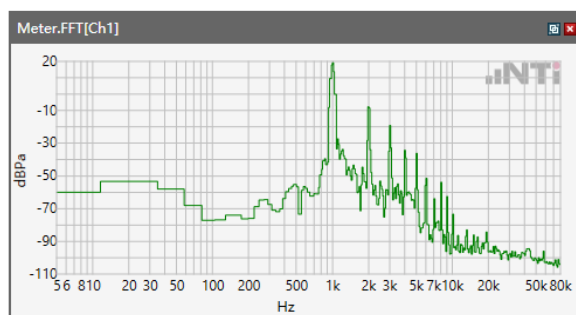
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 66



Speech Level RCV: 86.87 dB[SPL]

Calculated Value: 16.87 dB Ok

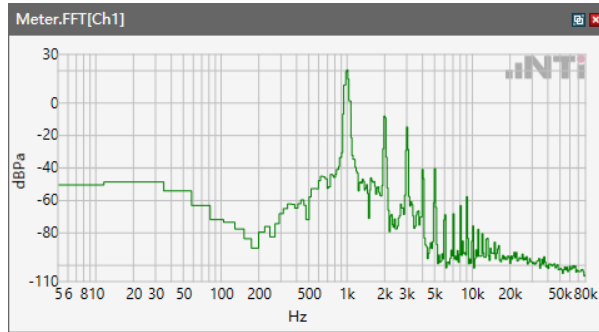
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 71



Speech Level RCV: 86.82 dB[SPL]

Calculated Value: 16.82 dB Ok

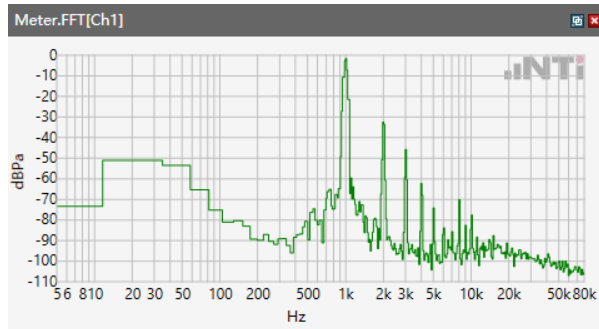
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 128 kbps\WLAN 2.4GHz



Speech Level RCV: 88.02 dB[SPL]

Calculated Value: 18.02dB Ok

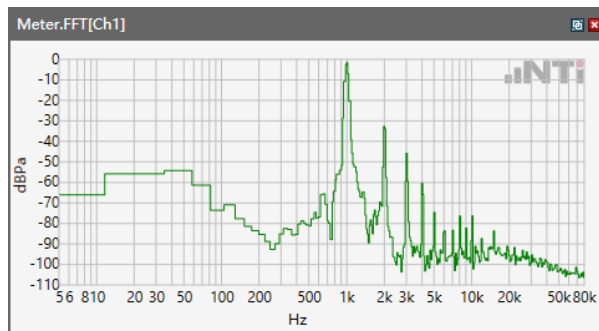
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 128 kbps\WLAN 5.2GHz



Speech Level RCV: 91.59 dB[SPL]

Calculated Value: 21.59 dB Ok

ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 128 kbps\WLAN 5.8 GHz



Speech Level RCV: 91.62 dB[SPL]

Calculated Value: 21.62 dB Ok