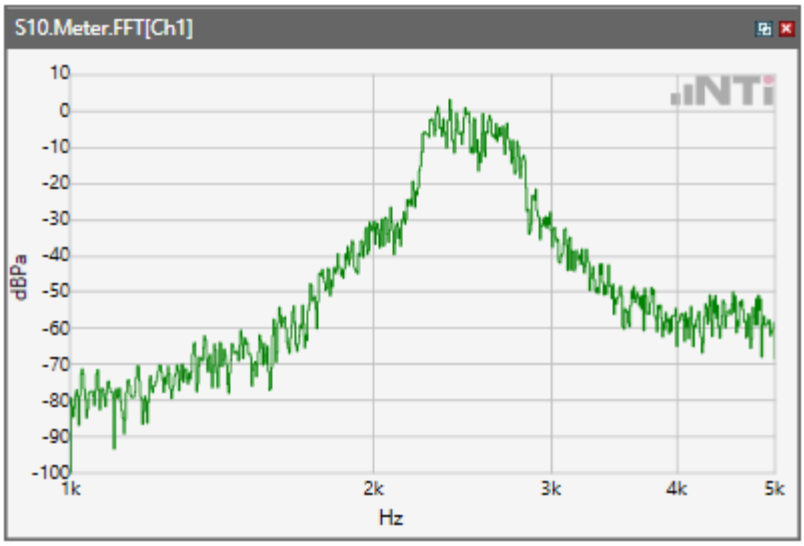
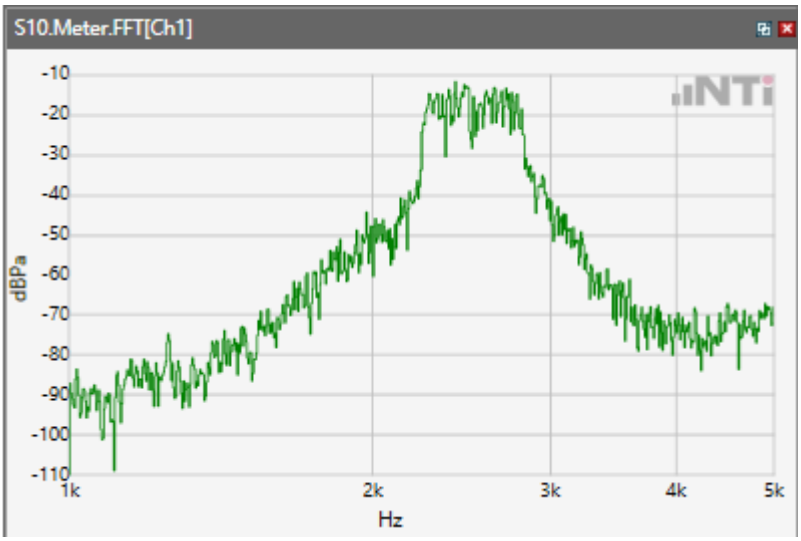
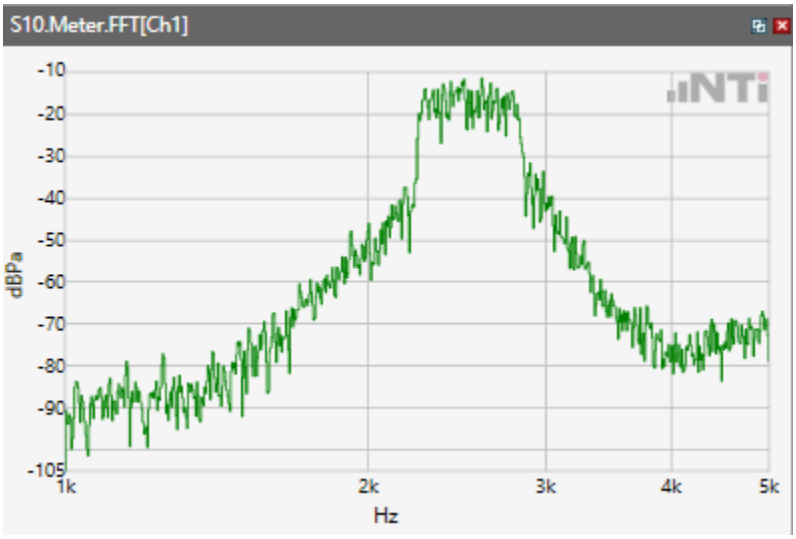
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



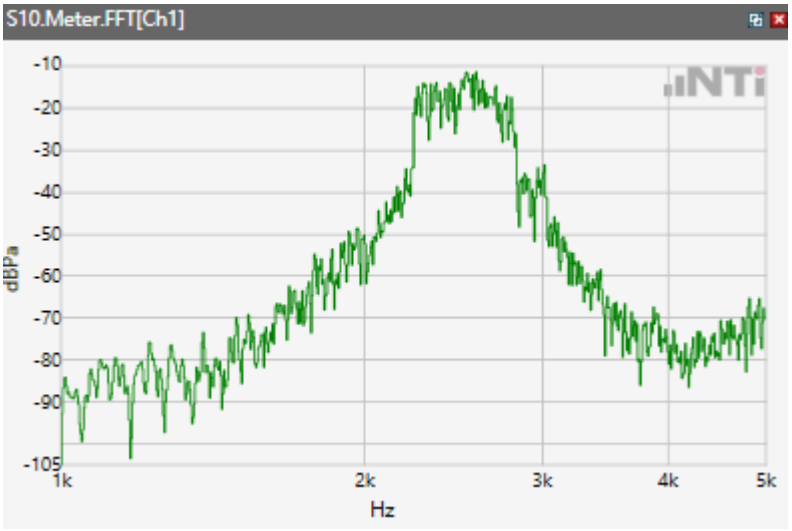
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



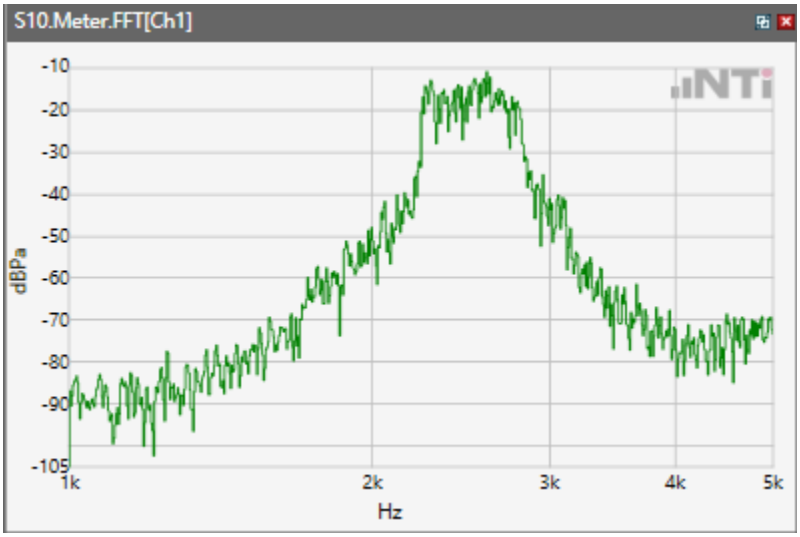
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



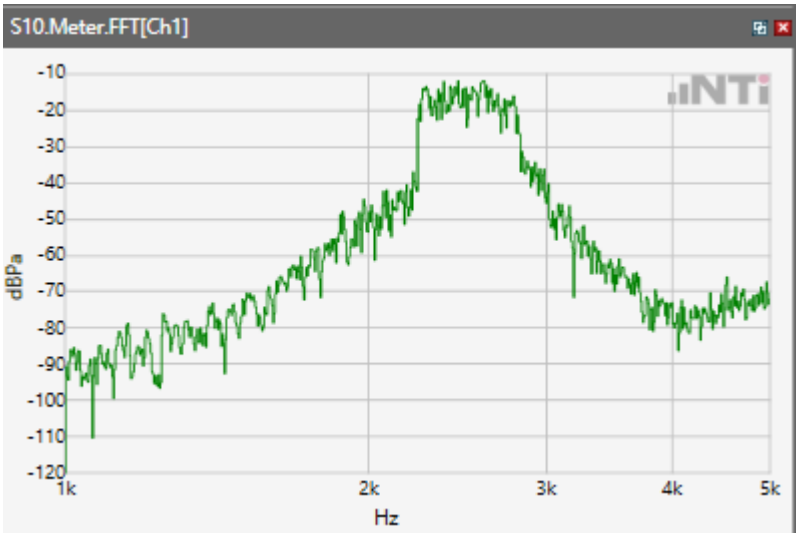
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

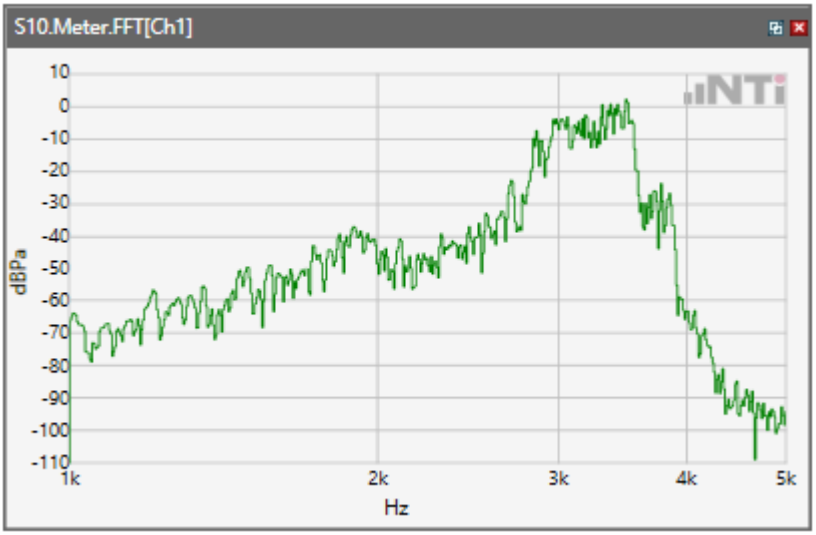


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

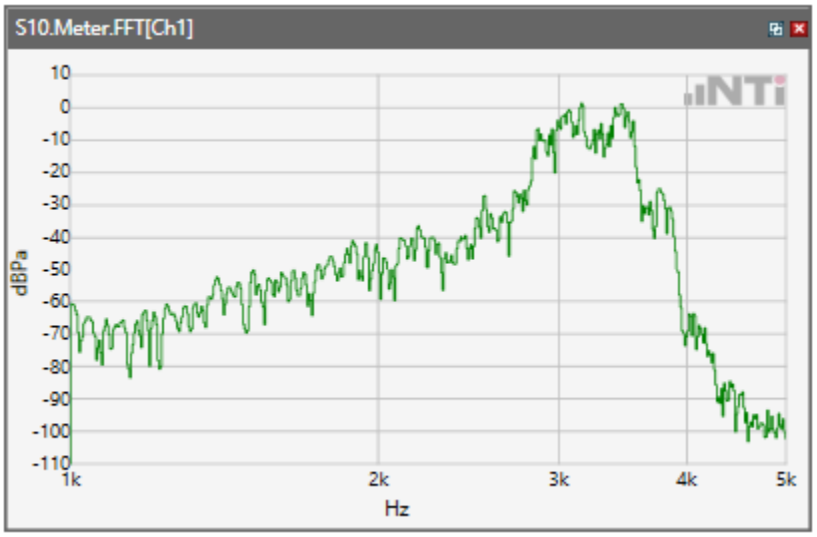


Receive path - distortion and noise 3150Hz WB&NB

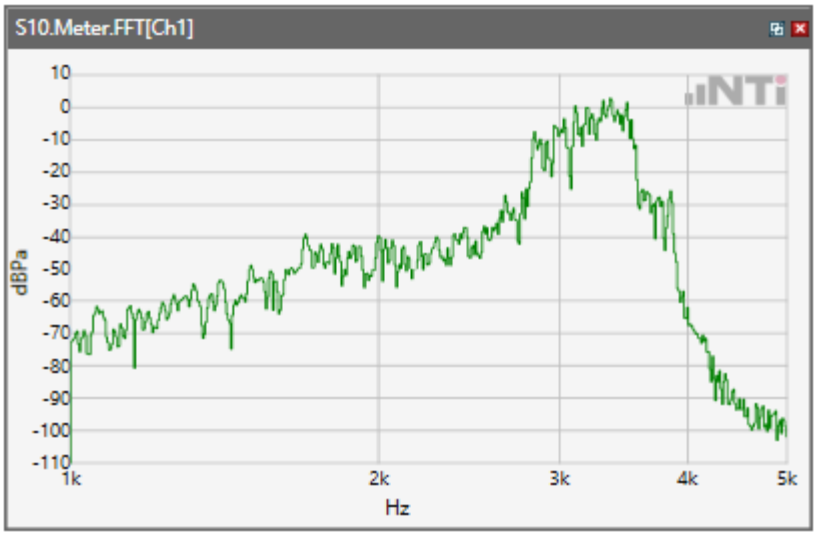
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



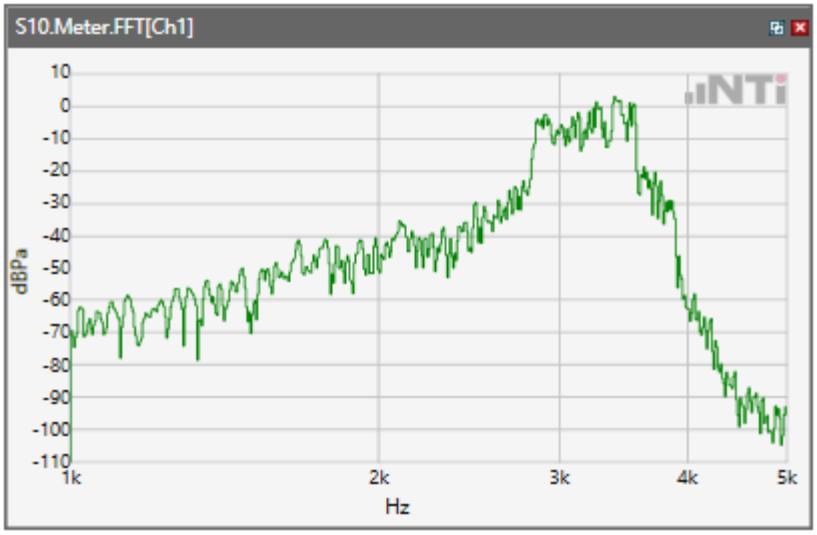
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



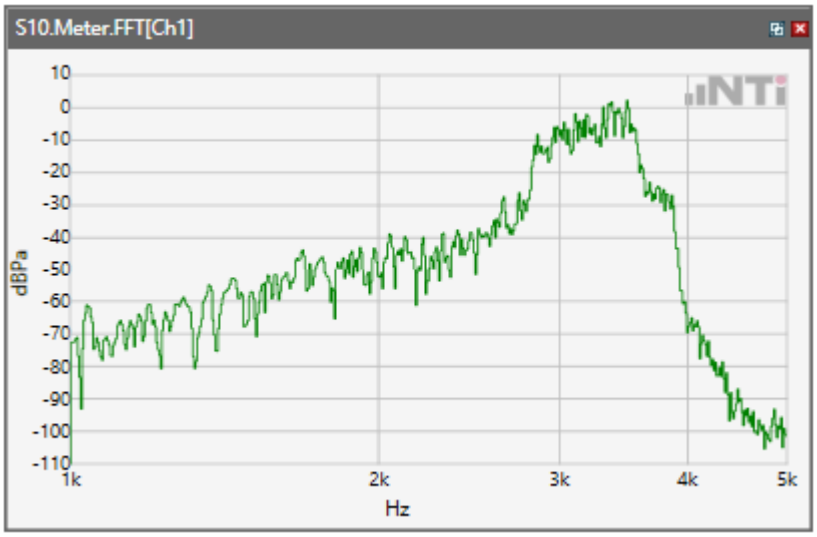
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



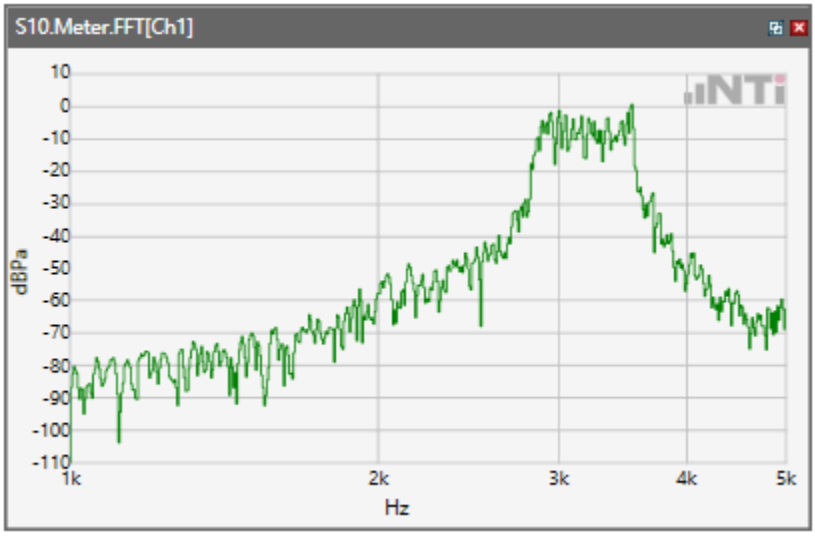
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



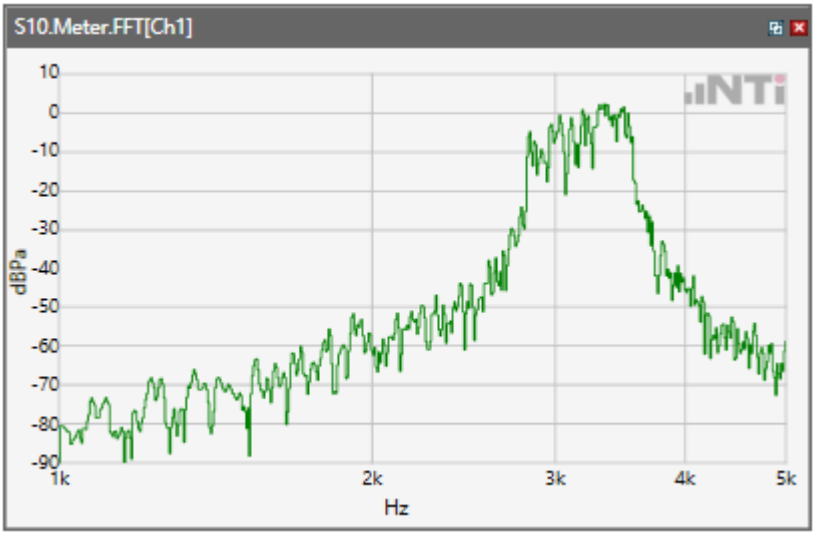
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



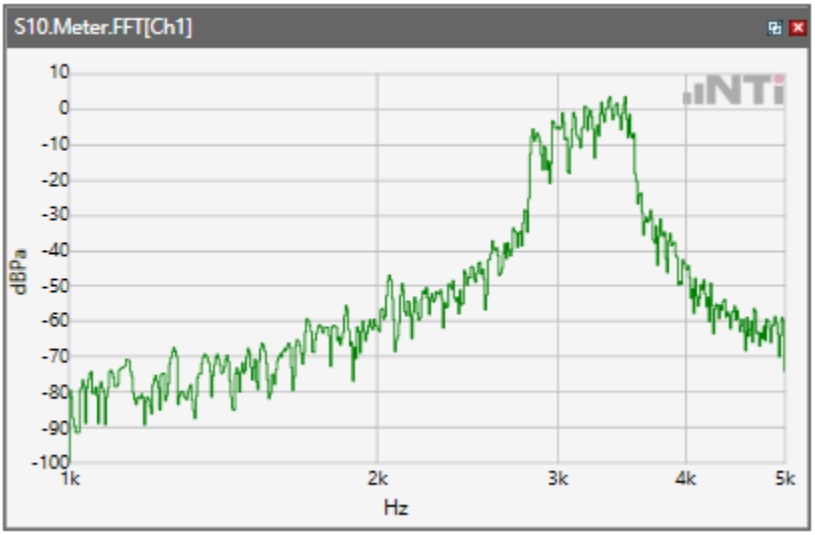
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



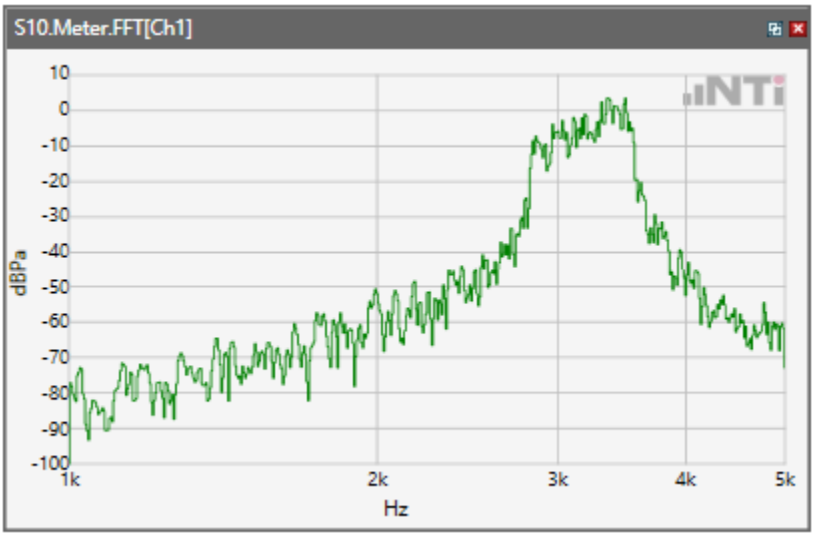
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



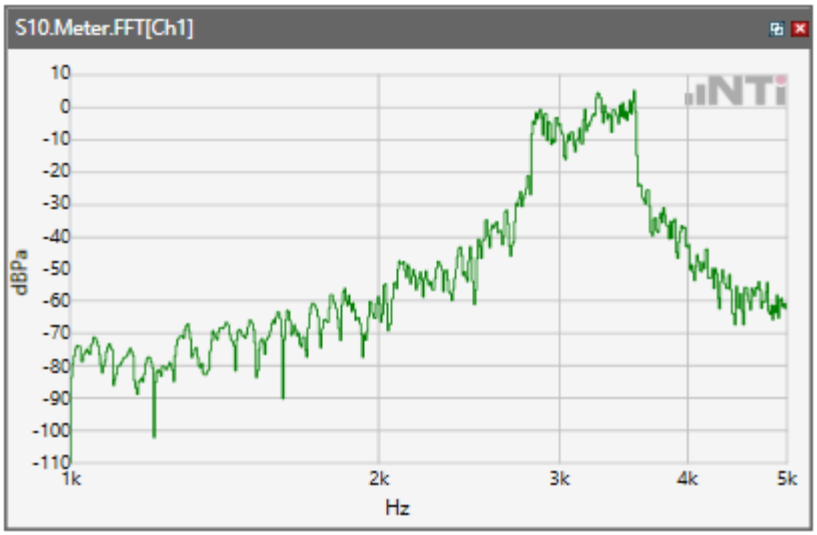
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



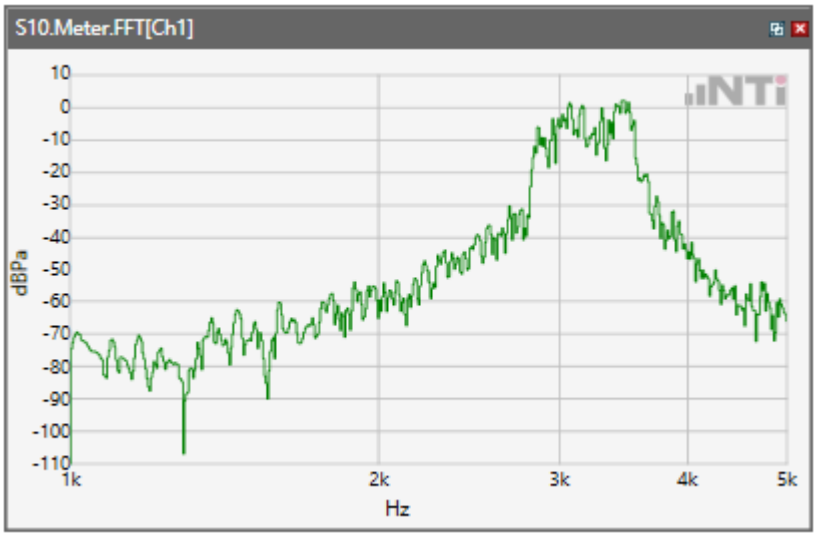
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



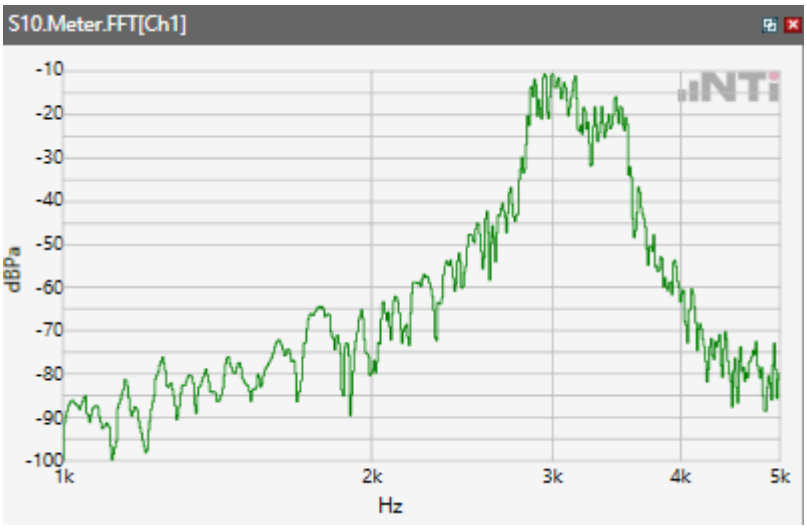
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



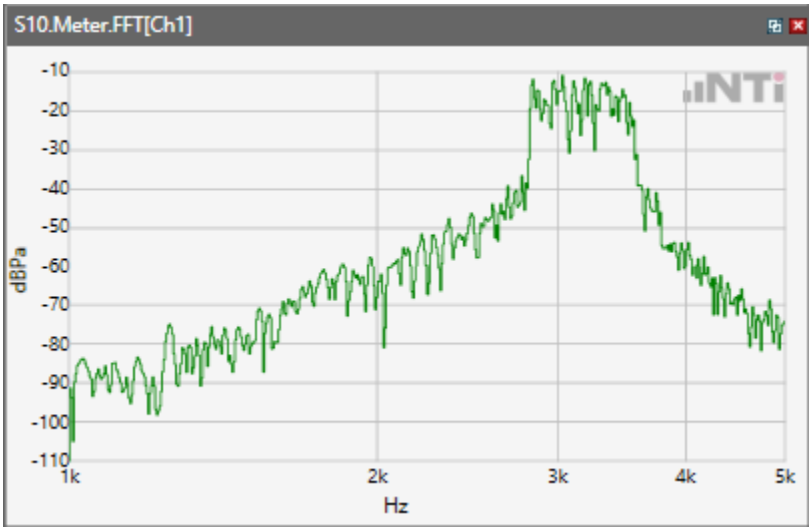
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



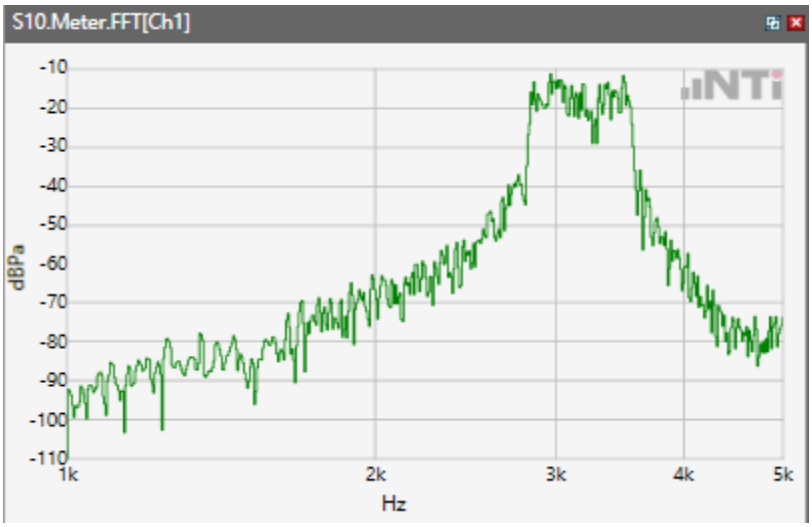
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



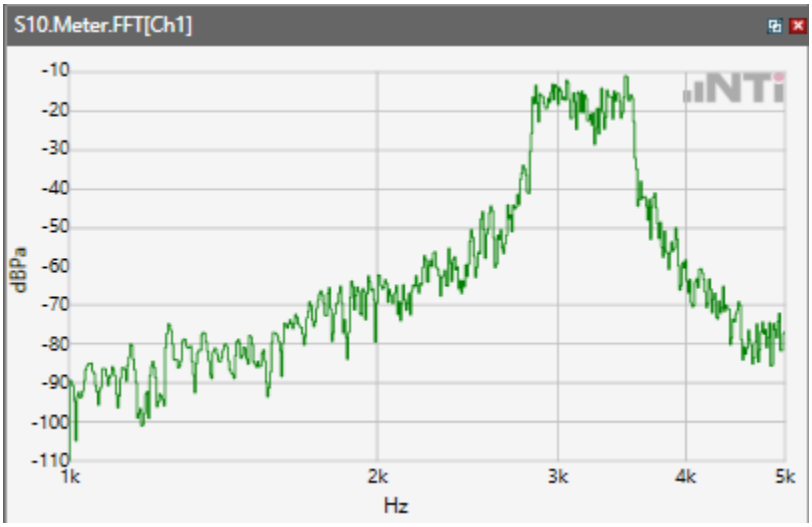
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



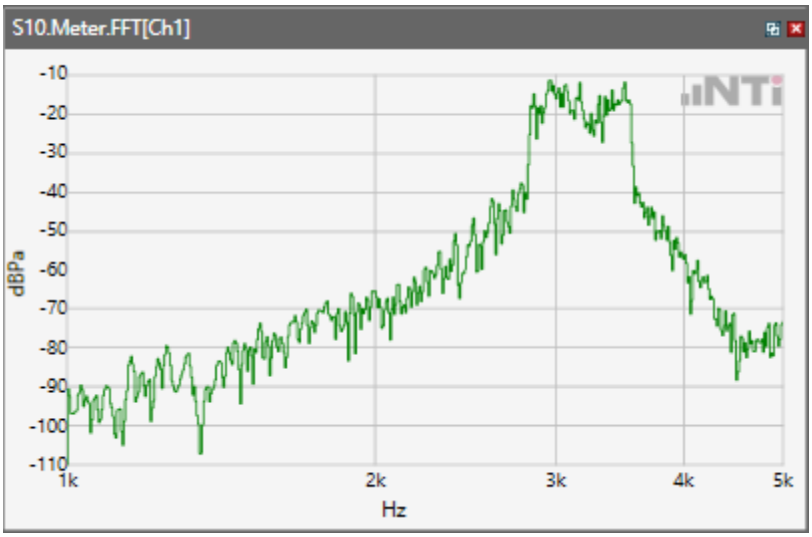
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

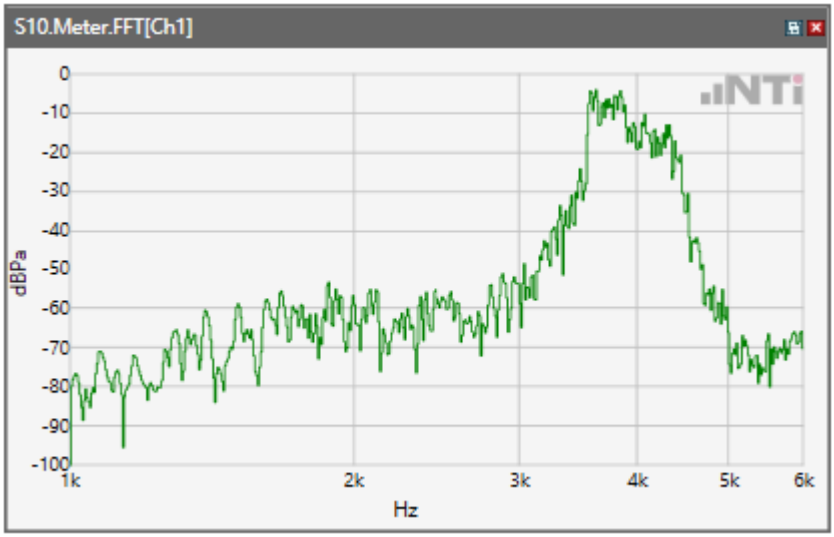


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

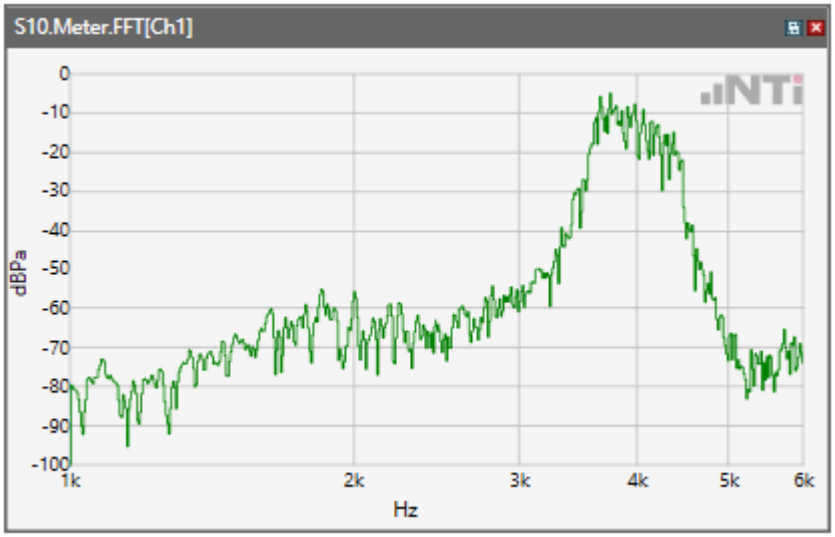


Receive path - distortion and noise 4000Hz WB only

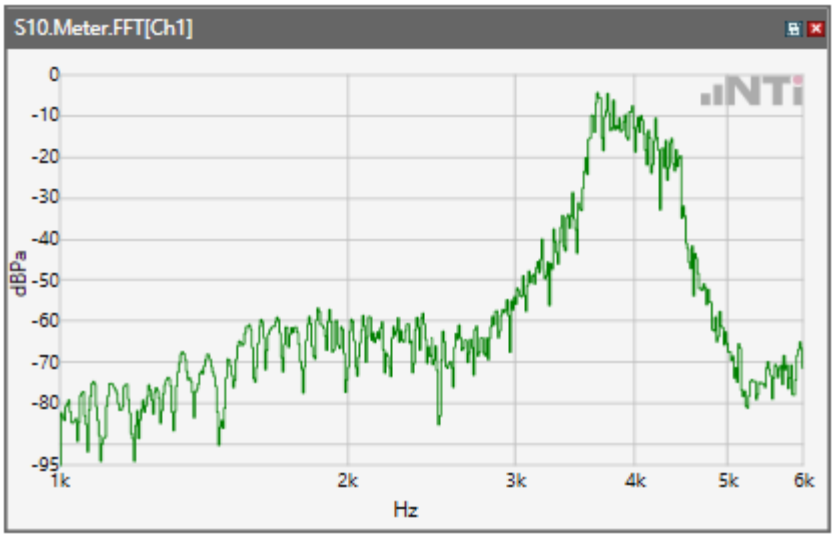
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



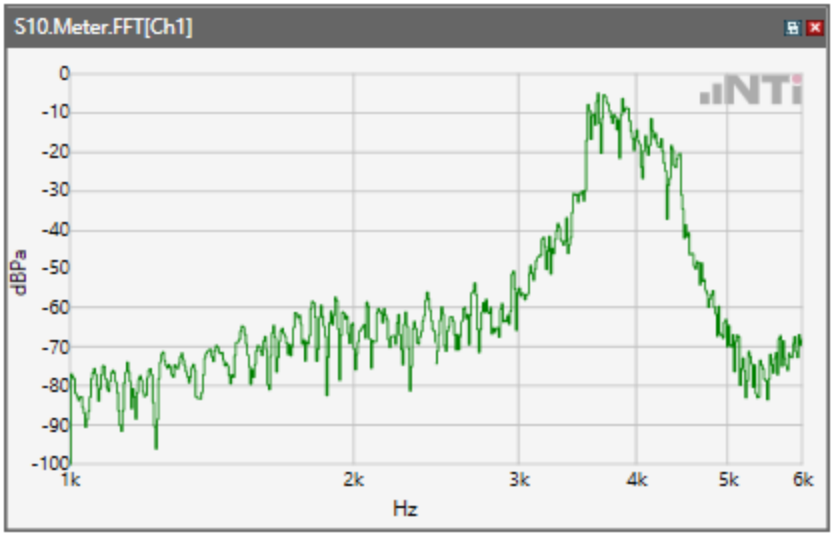
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



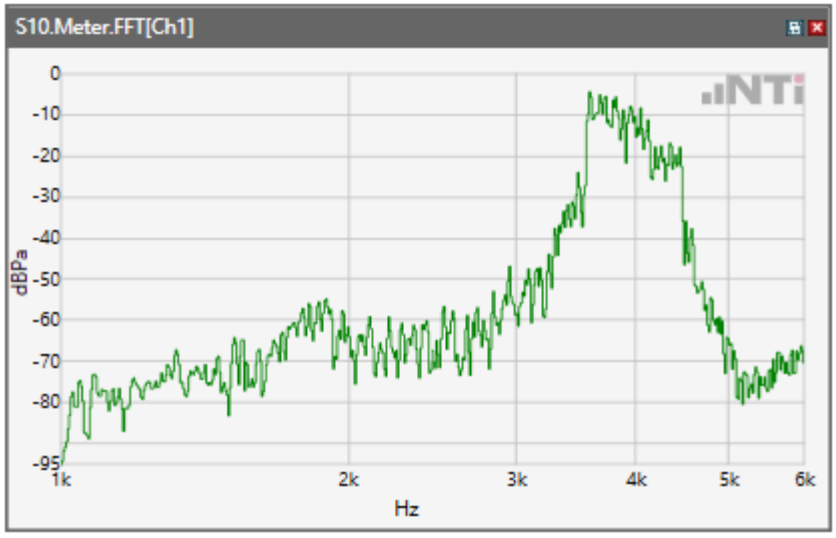
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



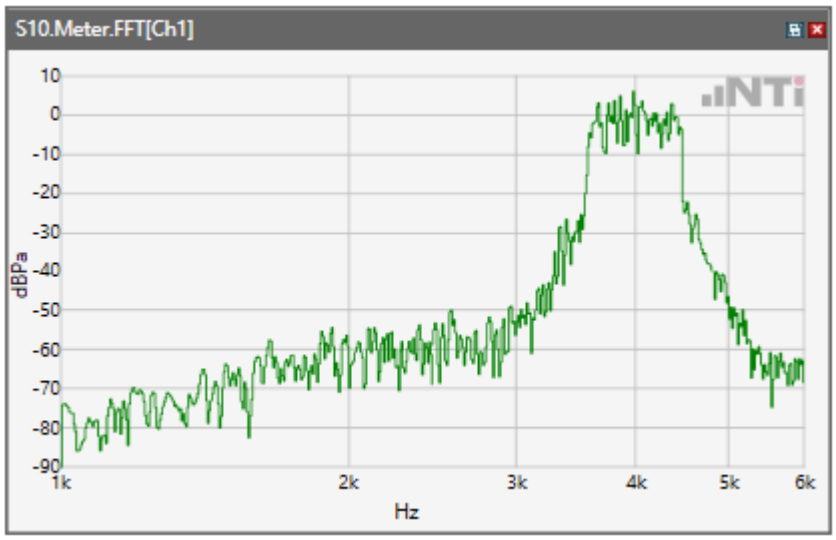
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



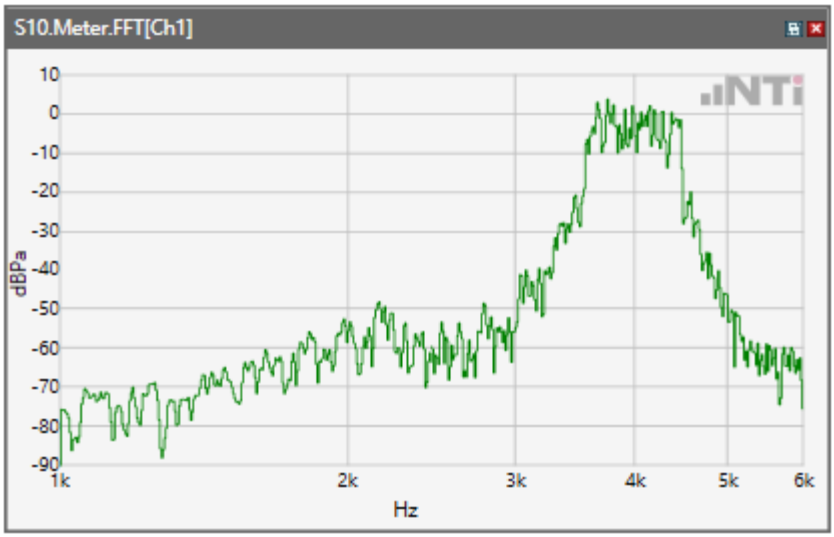
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



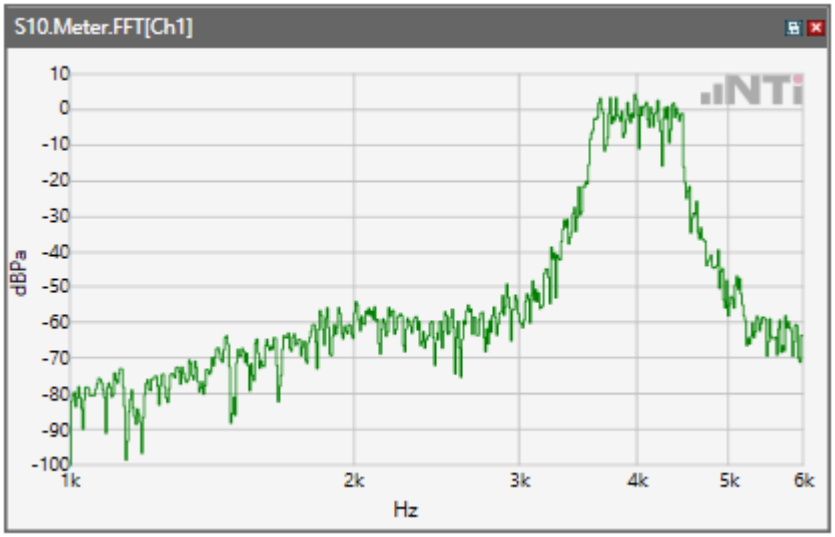
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



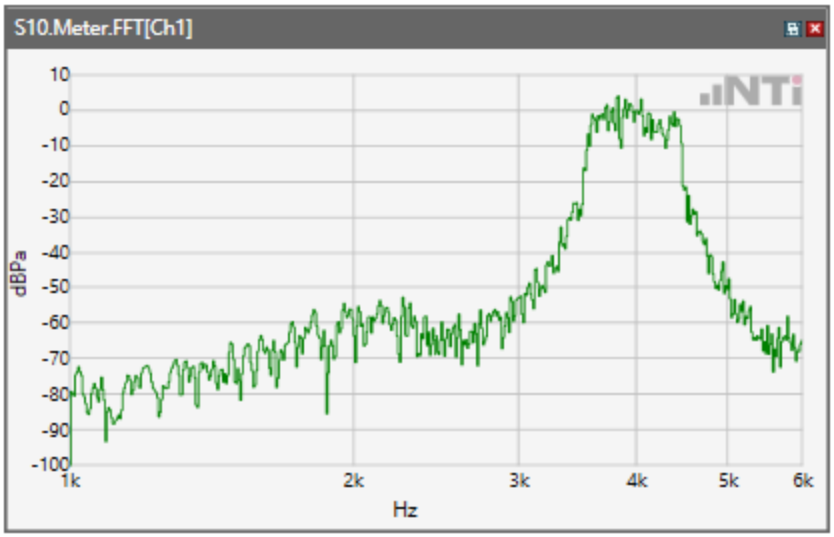
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



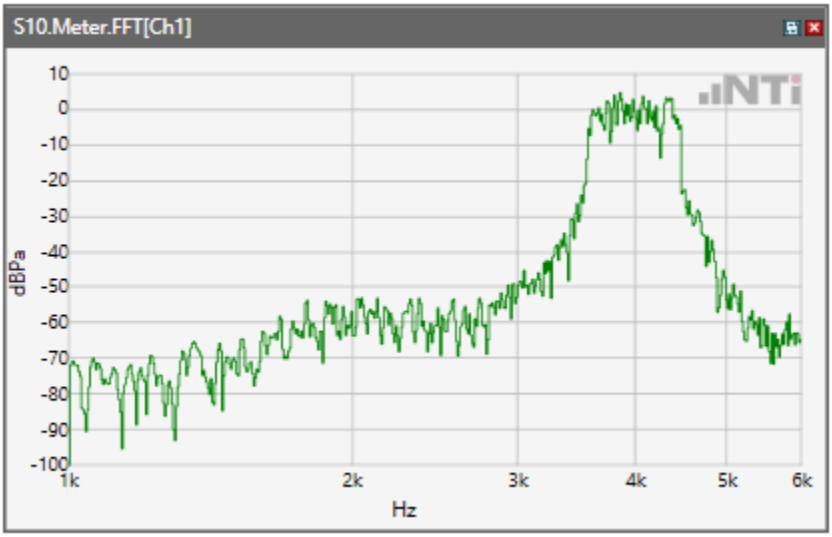
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



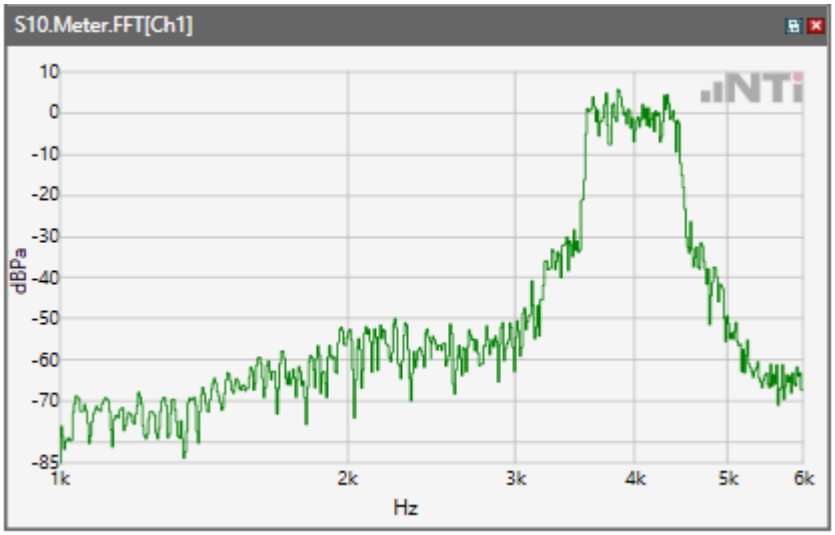
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



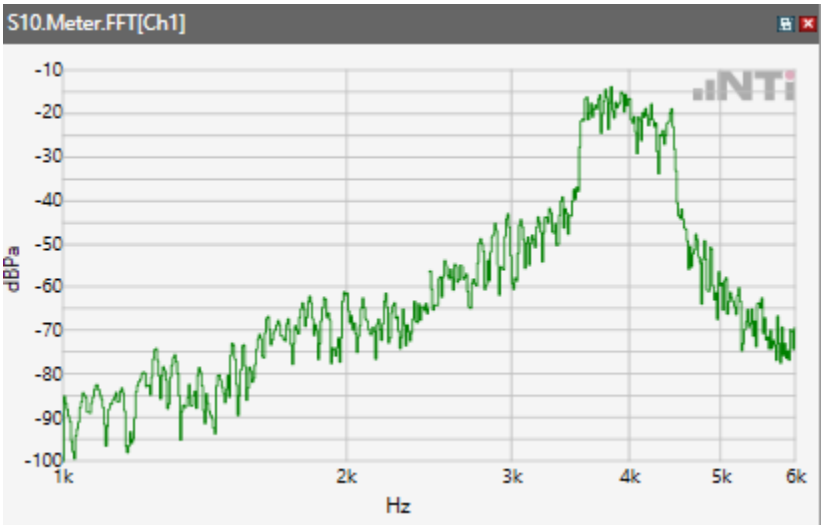
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



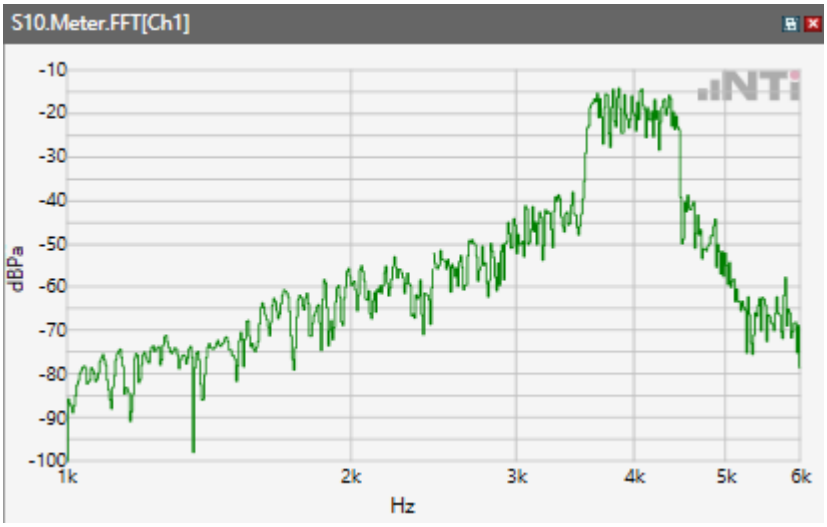
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



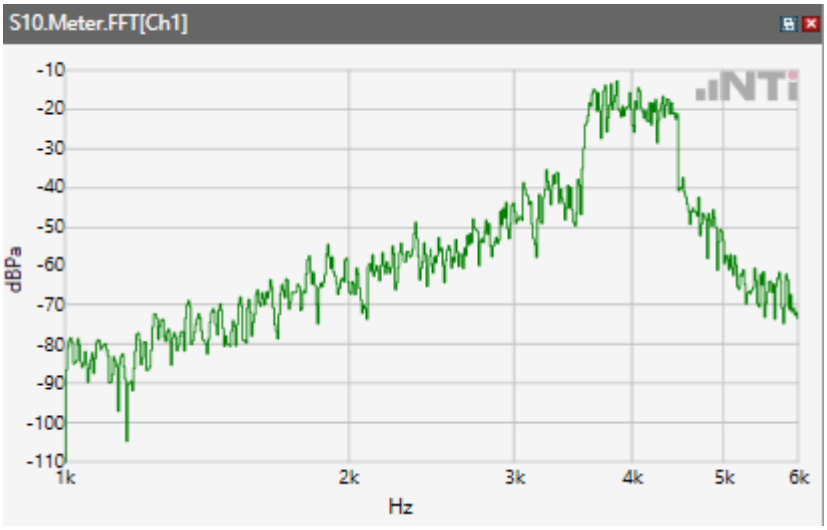
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



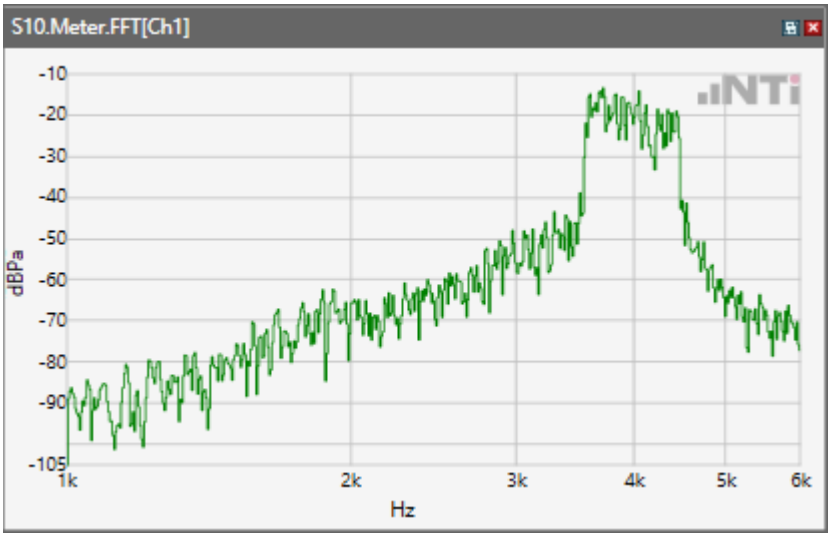
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



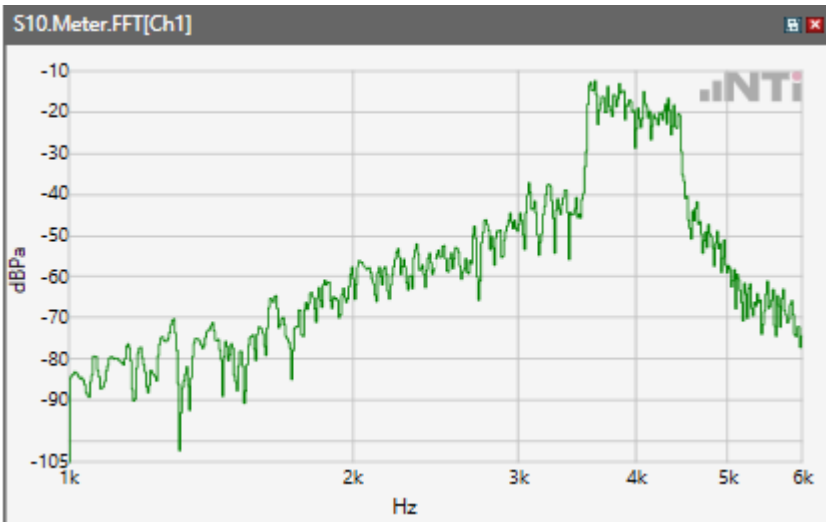
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

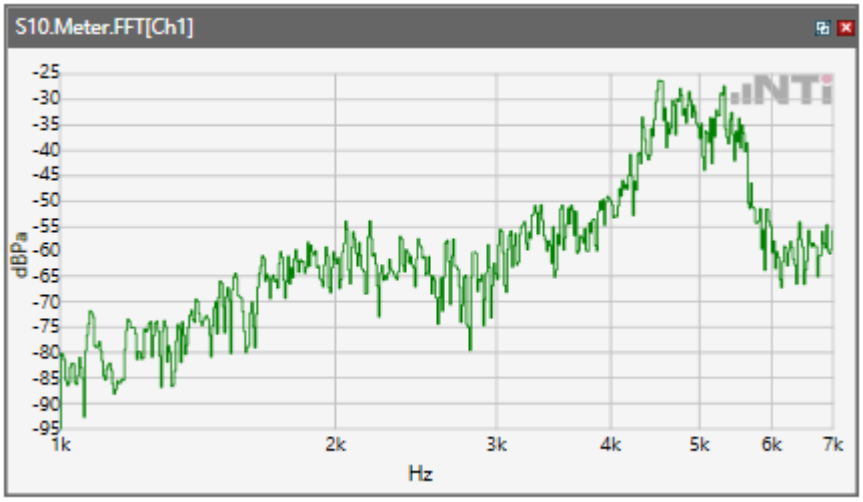


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

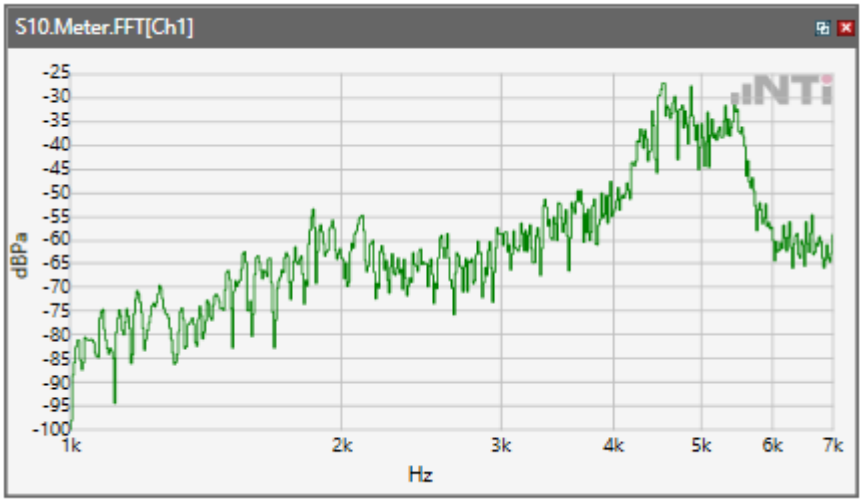


Receive path - distortion and noise 5000Hz WB only

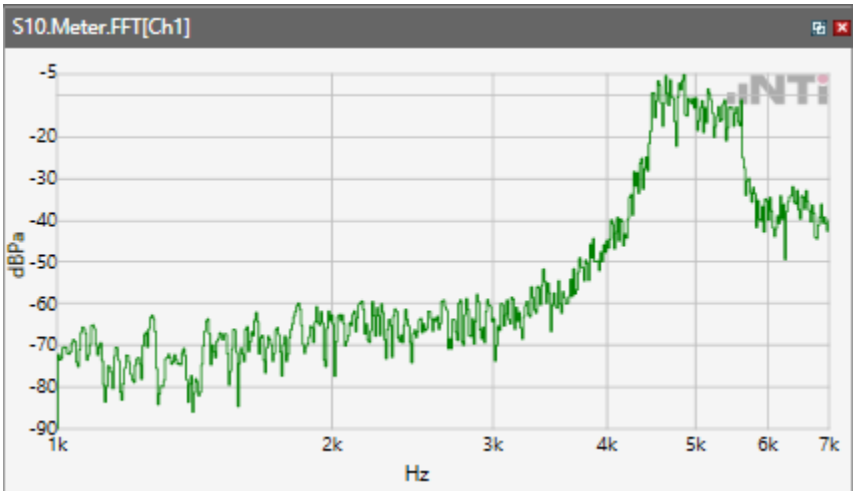
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



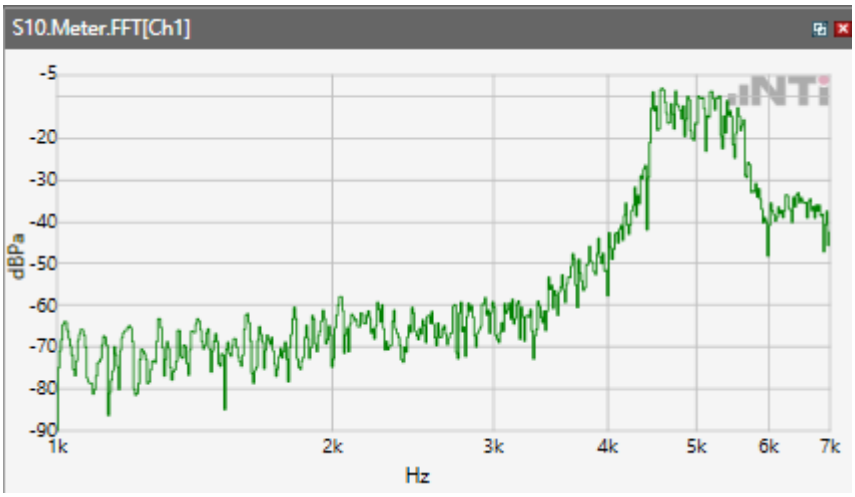
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



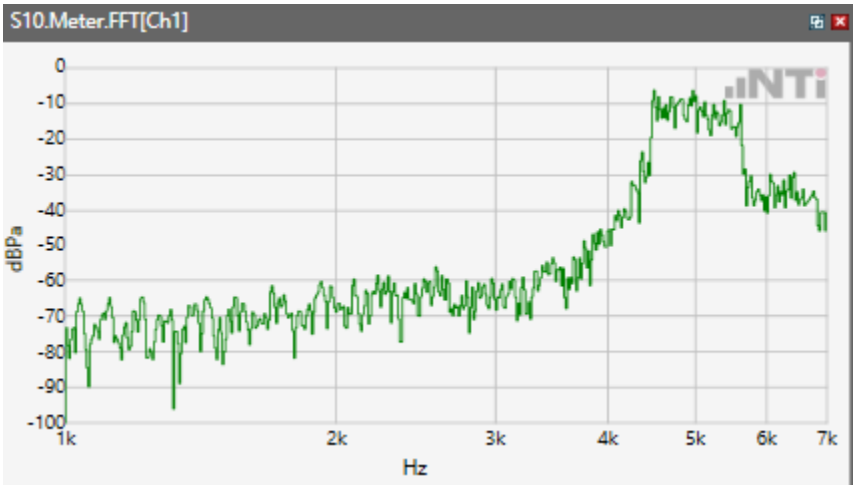
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



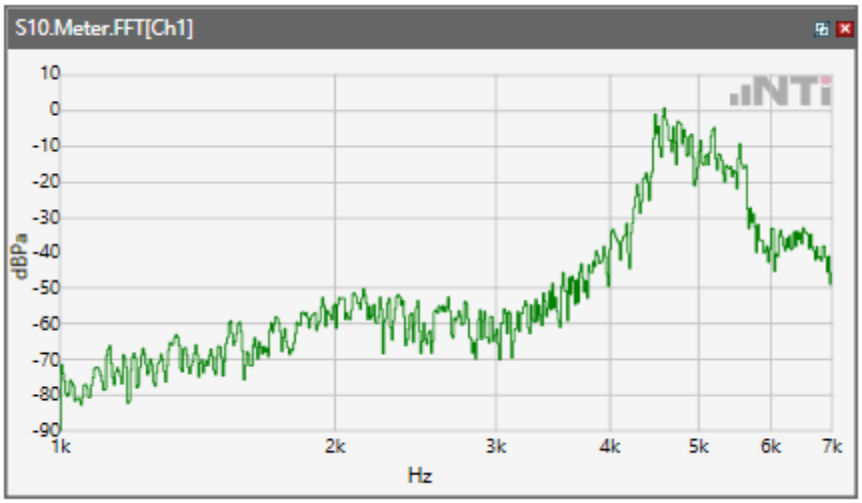
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



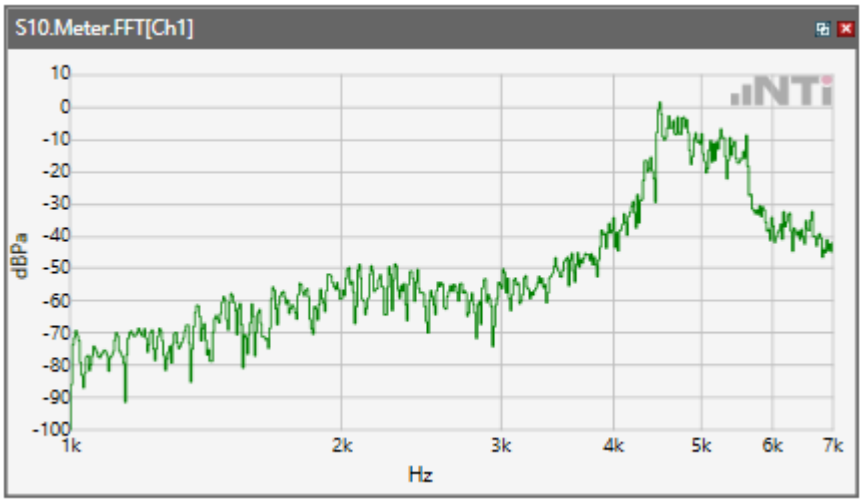
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



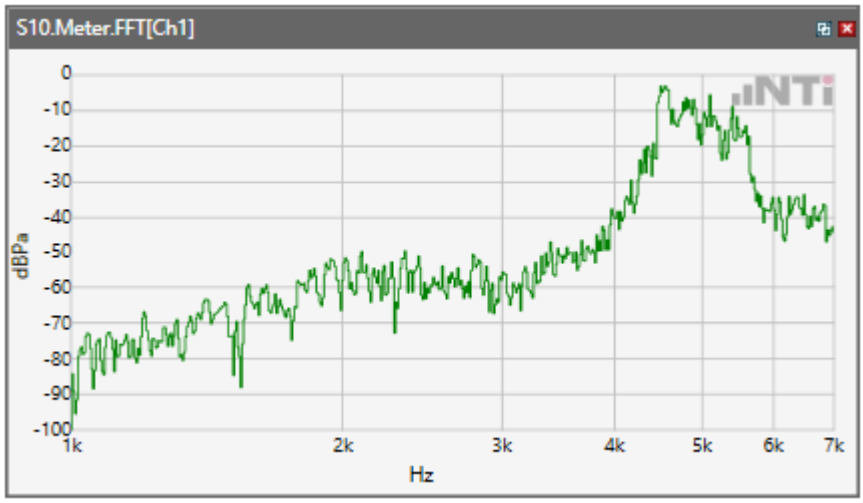
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



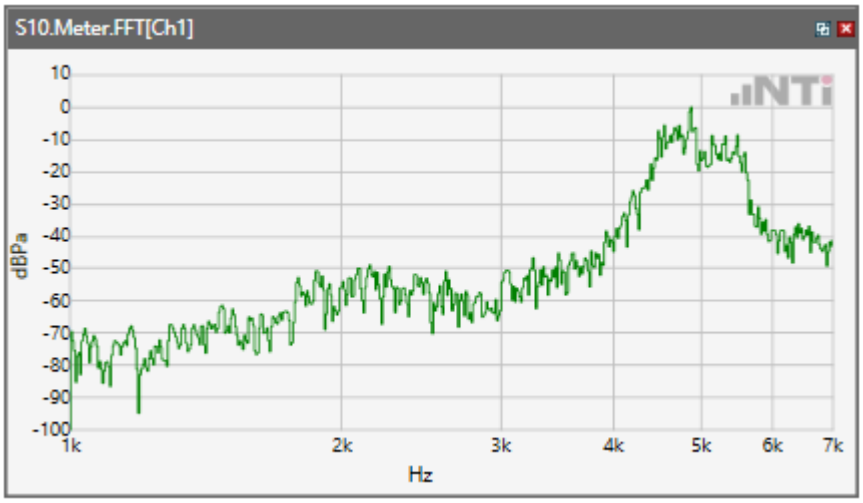
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



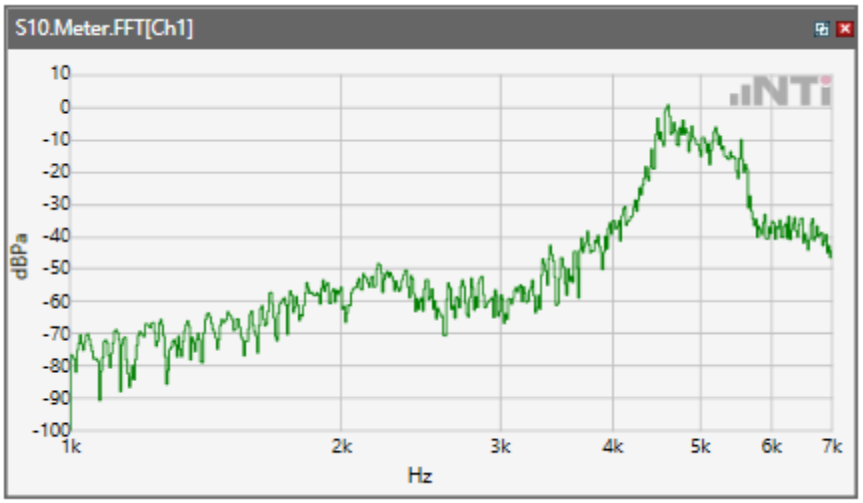
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



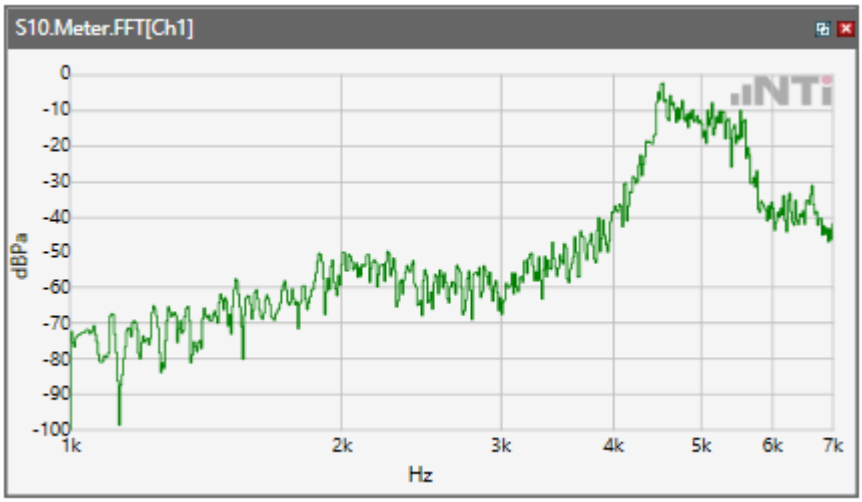
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



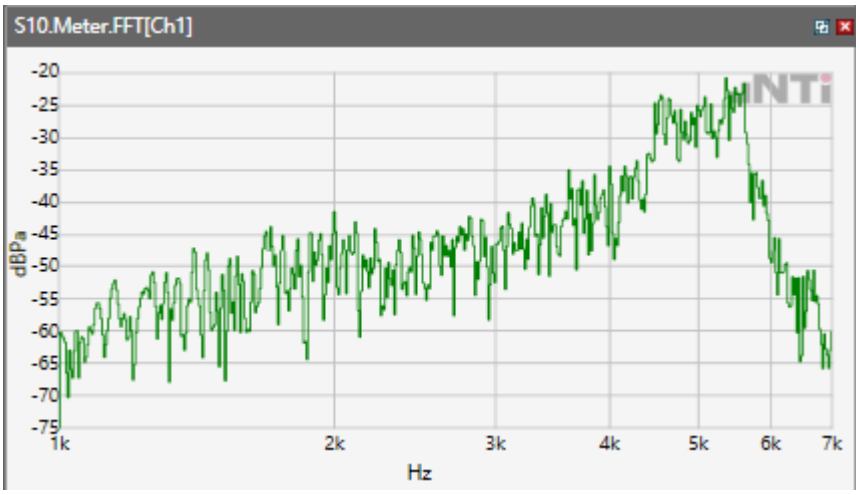
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



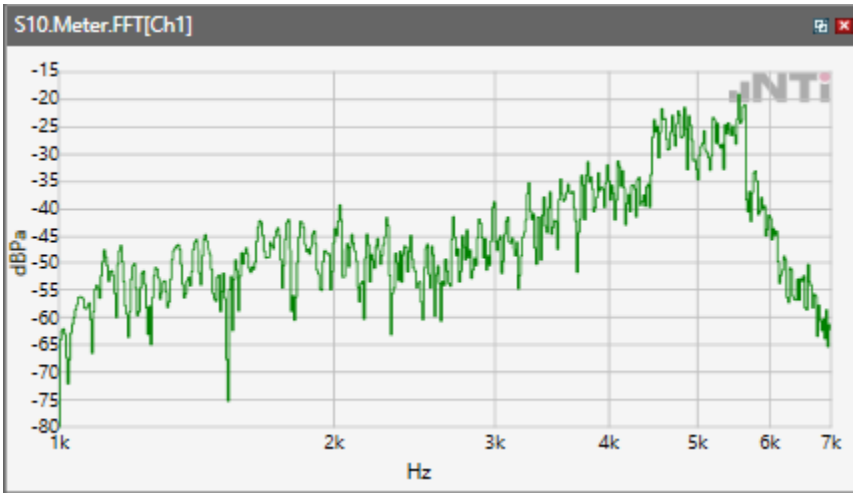
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



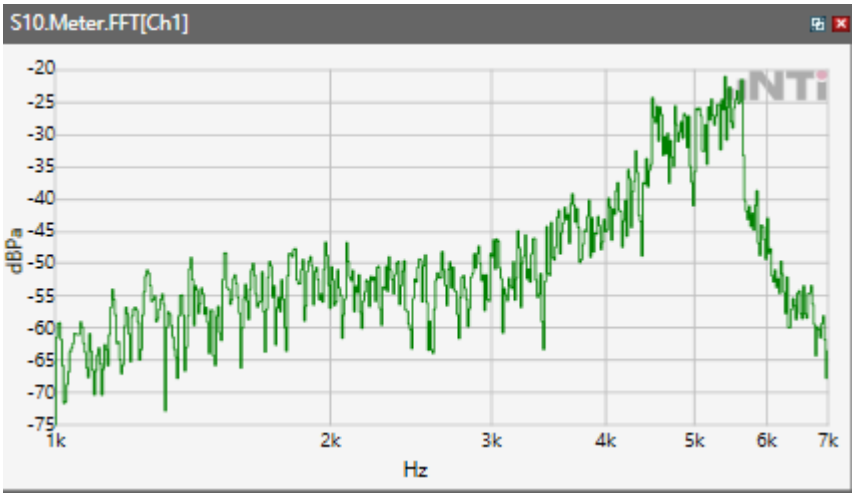
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



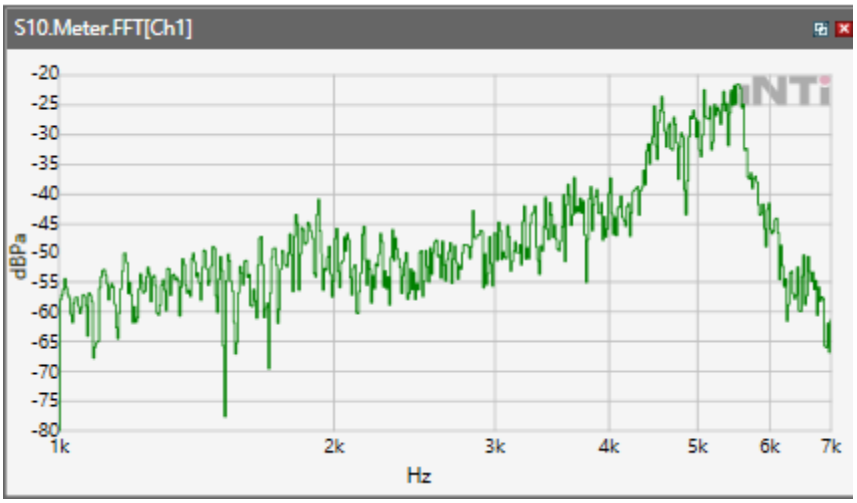
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



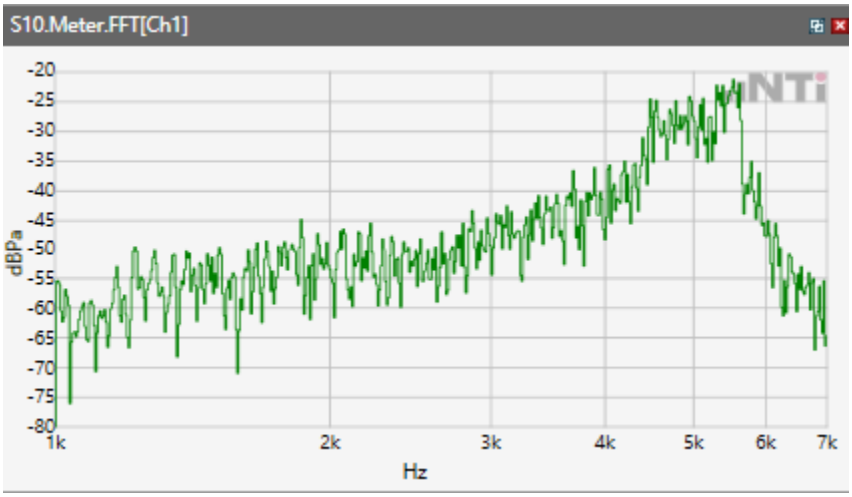
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

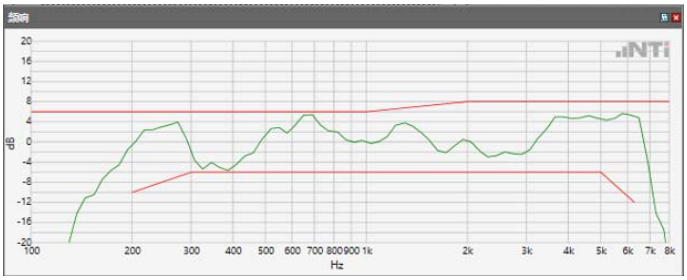


5.2 Receive path – distortion and noise

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

5.3 Receive Acoustic Frequency response Performance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \GSM 850



Absolute minimal distance

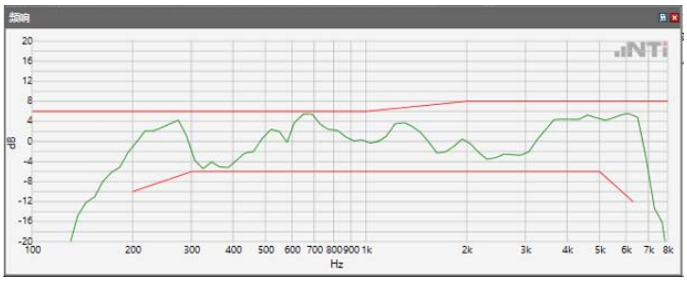
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \ GSM 1900



Absolute minimal distance

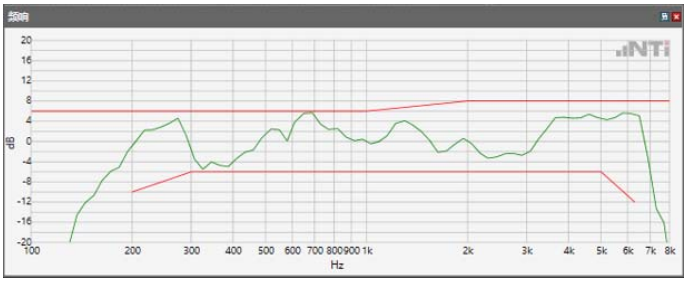
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

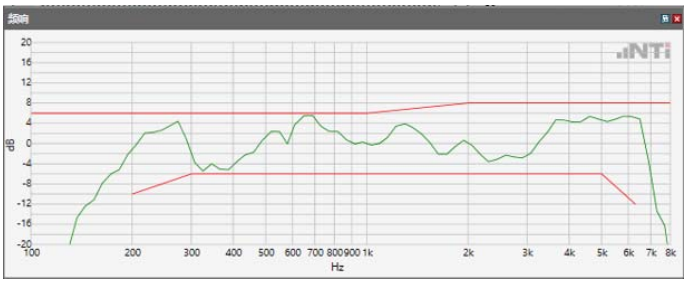
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

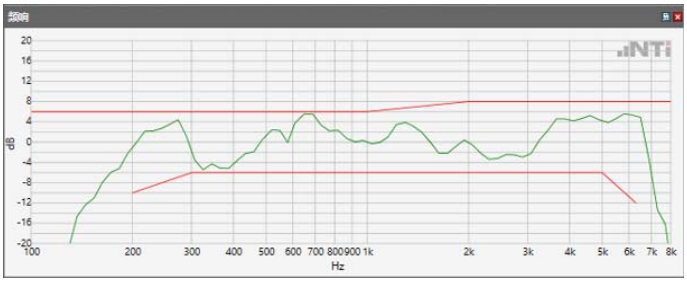
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

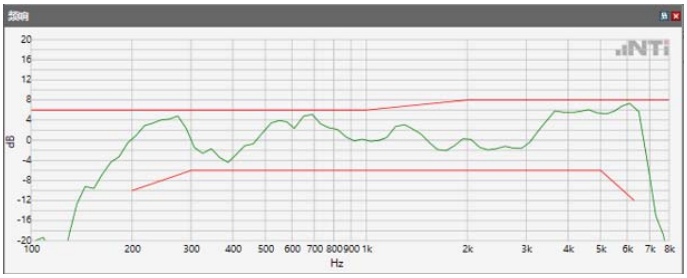
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \LTE Band 2



Absolute minimal distance

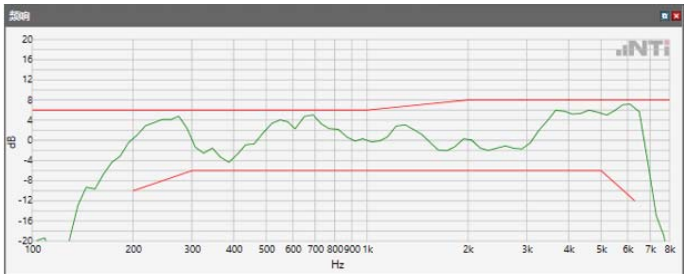
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \ LTE Band 4



Absolute minimal distance

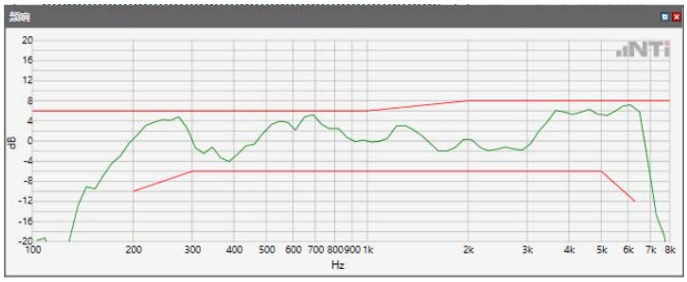
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \ LTE Band 5



Absolute minimal distance

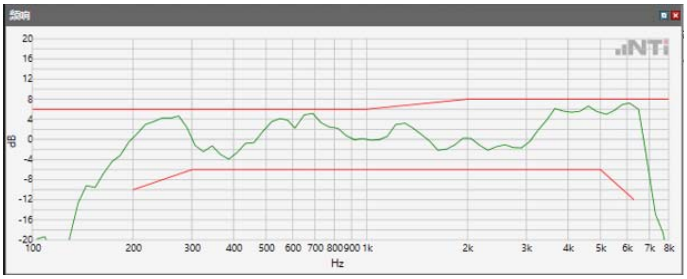
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

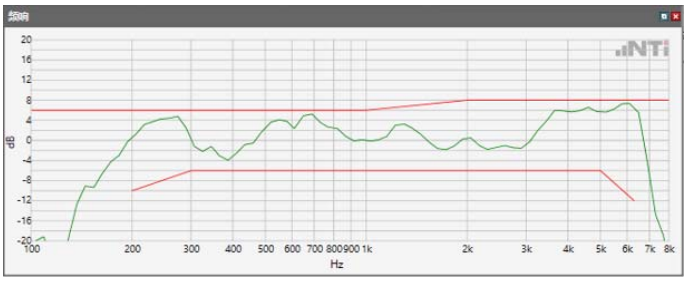
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \ LTE Band 17



Absolute minimal distance

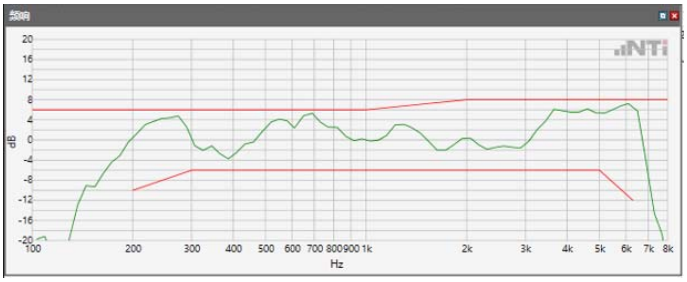
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

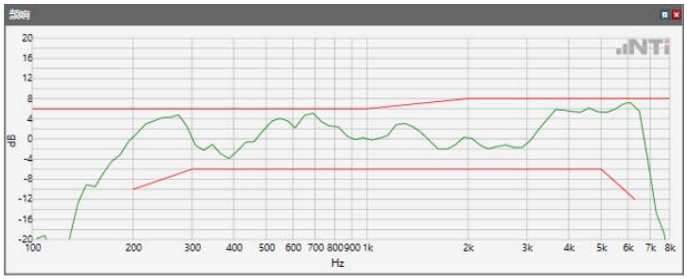
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \ WLAN 2.4GHz



Absolute minimal distance

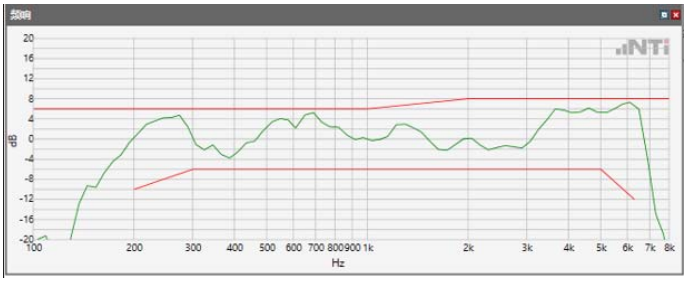
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \WLAN 5.2GHz



Absolute minimal distance

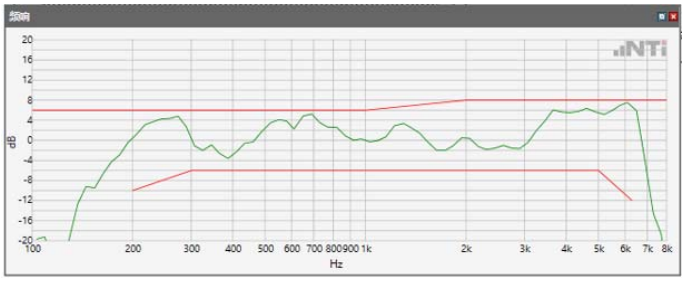
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \WLAN 5.3GHz



Absolute minimal distance

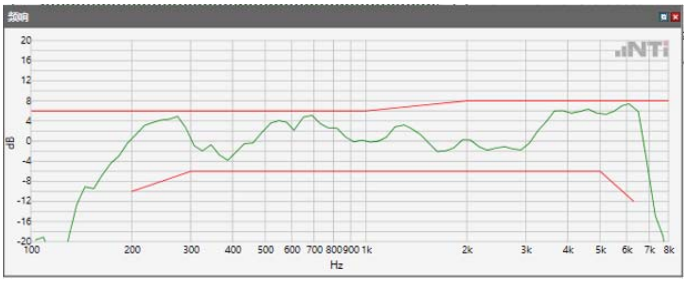
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \WLAN 5.5GHz



Absolute minimal distance

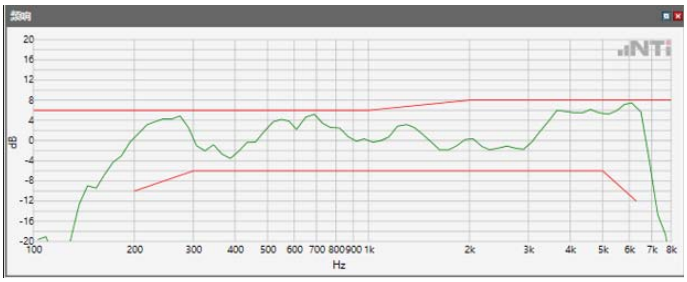
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85kbps \WLAN 5.8GHz



Absolute minimal distance

OK

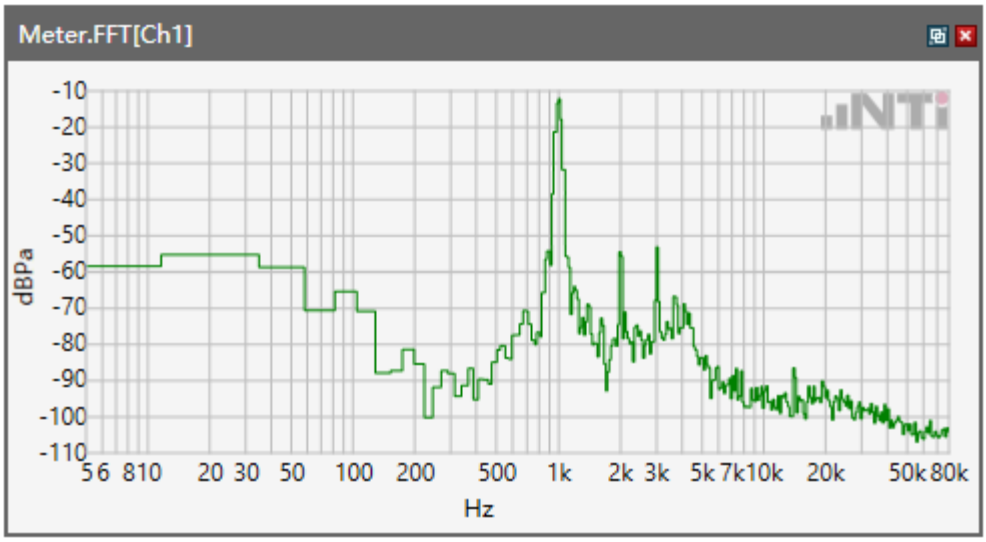
OK

Limits

	lower
Run 1	Fit into tolerance

5.1 Receive Volume Control Performance 8N---EVS NB

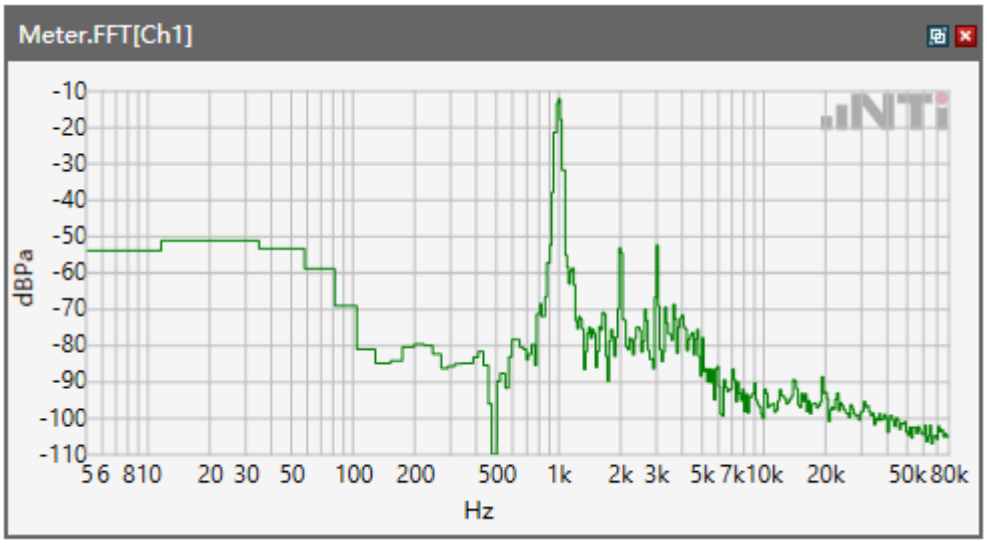
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \LTE Band 2



Speech Level RCV: 82.33 dB[SPL]

Calculated Value: 12.33 dB Ok

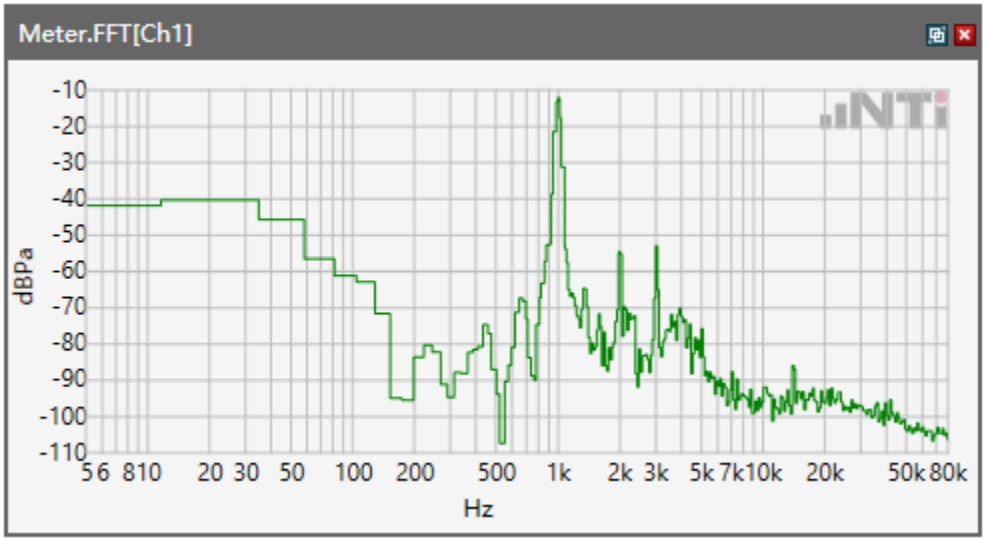
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \LTE Band 4



Speech Level RCV: 82.21 dB[SPL]

Calculated Value: 12.21 dB Ok

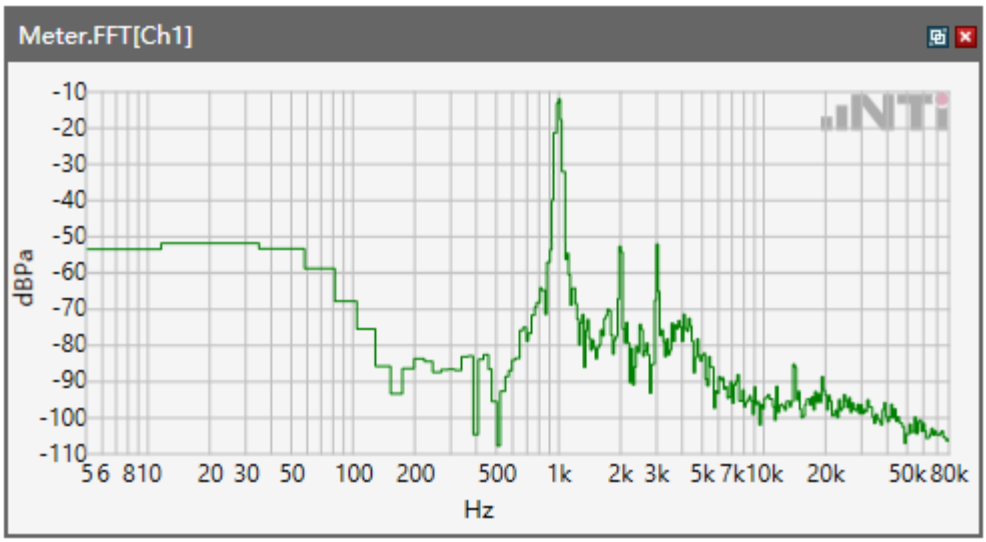
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 5



Speech Level RCV: 82.29 dB[SPL]

Calculated Value: 12.29 dB OK

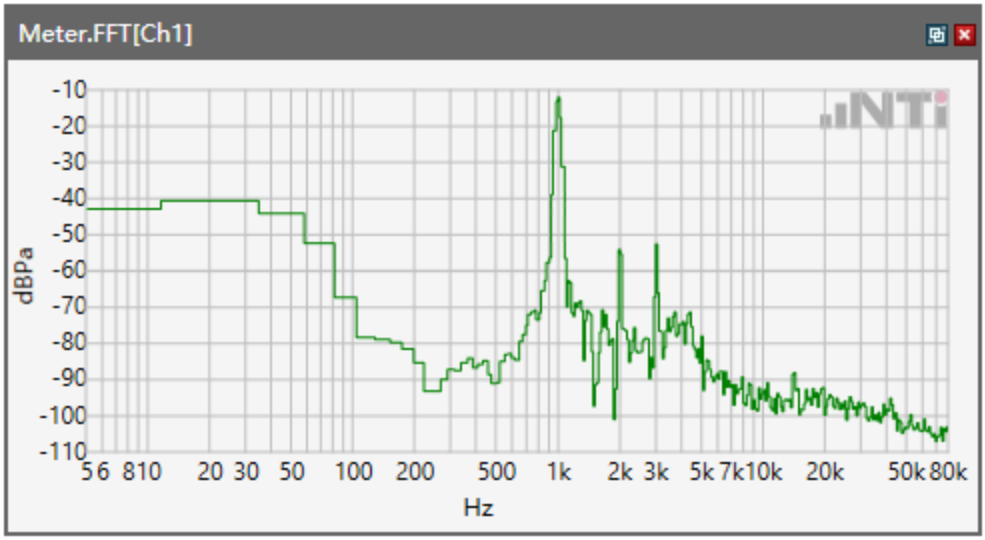
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 12



Speech Level RCV: 82.15 dB[SPL]

Calculated Value: 12.15 dB OK

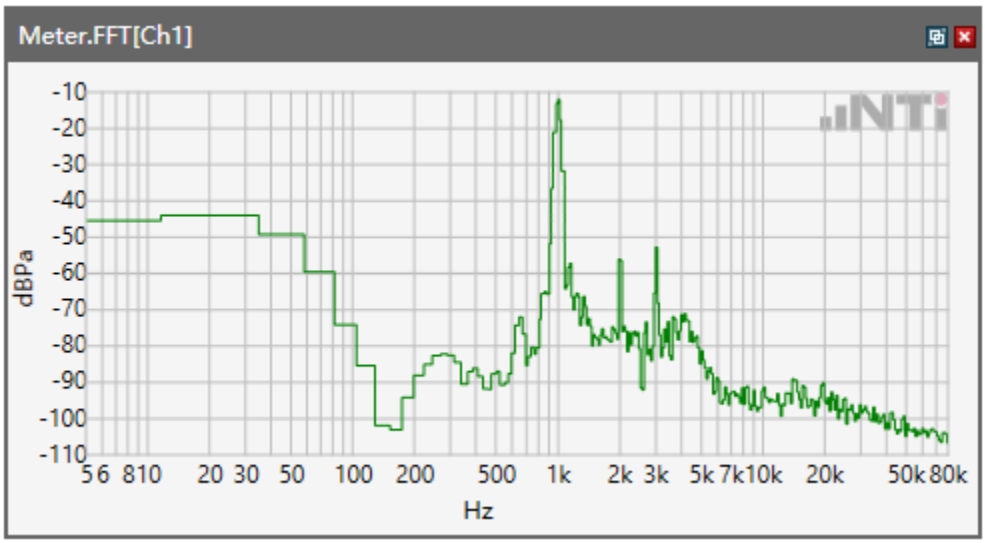
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 17



Speech Level RCV: 82.2 dB[SPL]

Calculated Value: 12.2 dB OK

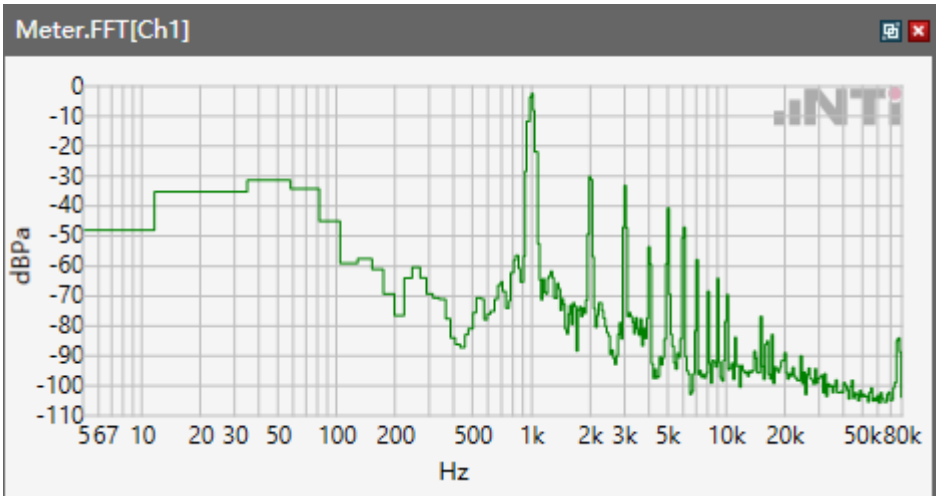
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 66



Speech Level RCV: 82.28 dB[SPL]

Calculated Value: 12.28 dB OK

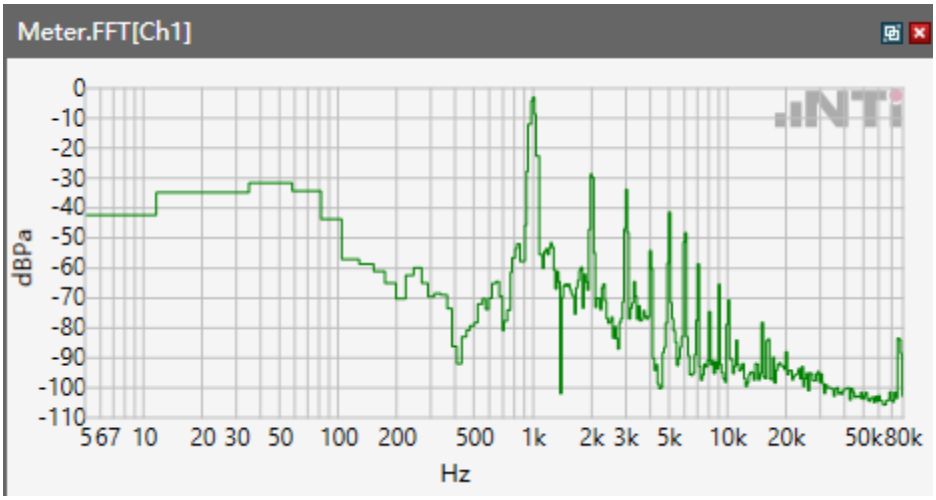
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ WLAN 2.4GHz



Speech Level RCV: 90.74 dB[SPL]

Calculated Value: 20.74 dB OK

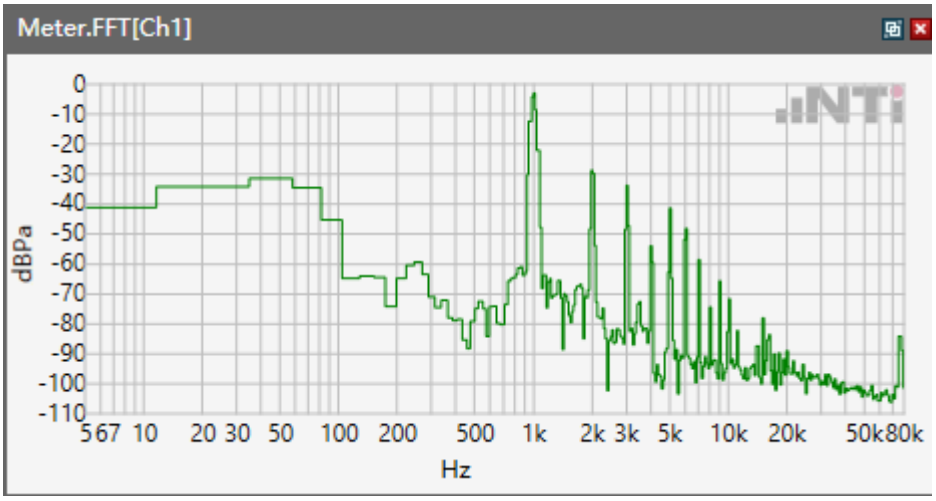
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \WLAN 5.2GHz



Speech Level RCV: 90.35 dB[SPL]

Calculated Value: 20.35 dB OK

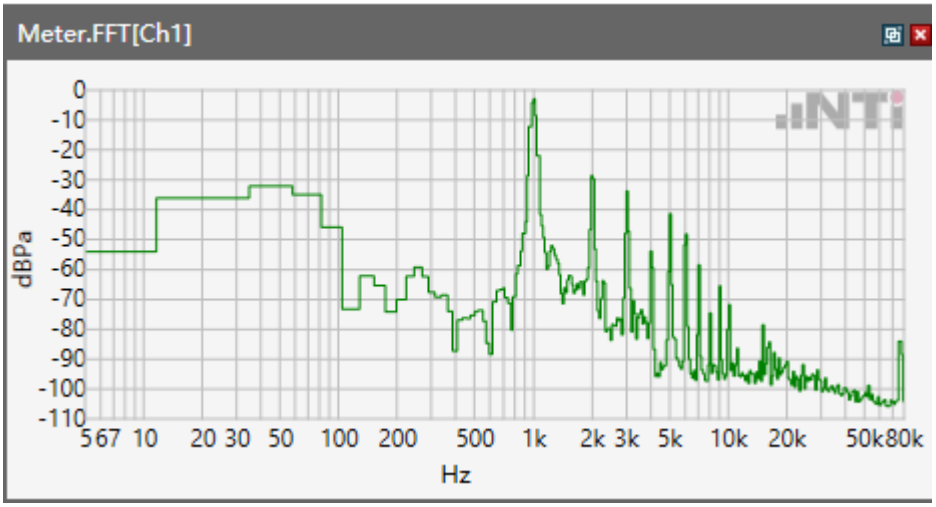
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \WLAN 5.3GHz



Speech Level RCV: 90.16 dB[SPL]

Calculated Value: 20.16 dB OK

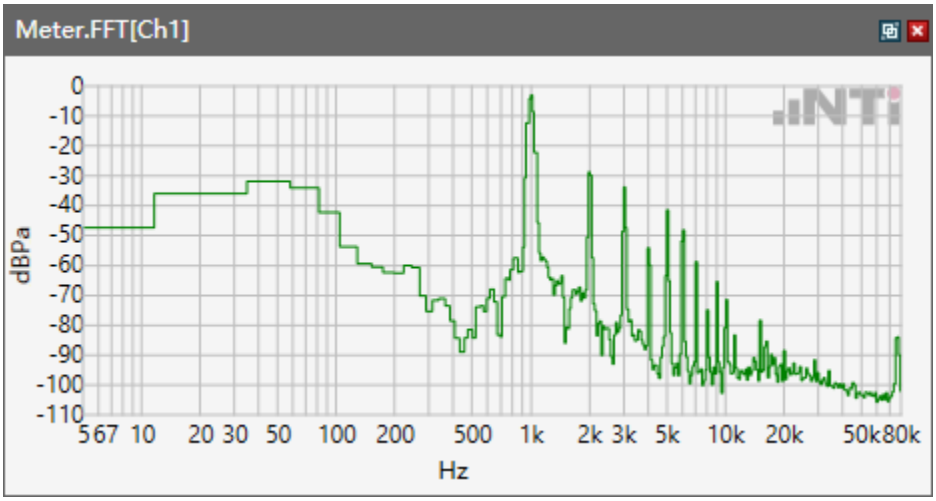
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \WLAN 5.5GHz



Speech Level RCV: 90.18 dB[SPL]

Calculated Value: 20.18 dB OK

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \WLAN 5.8GHz

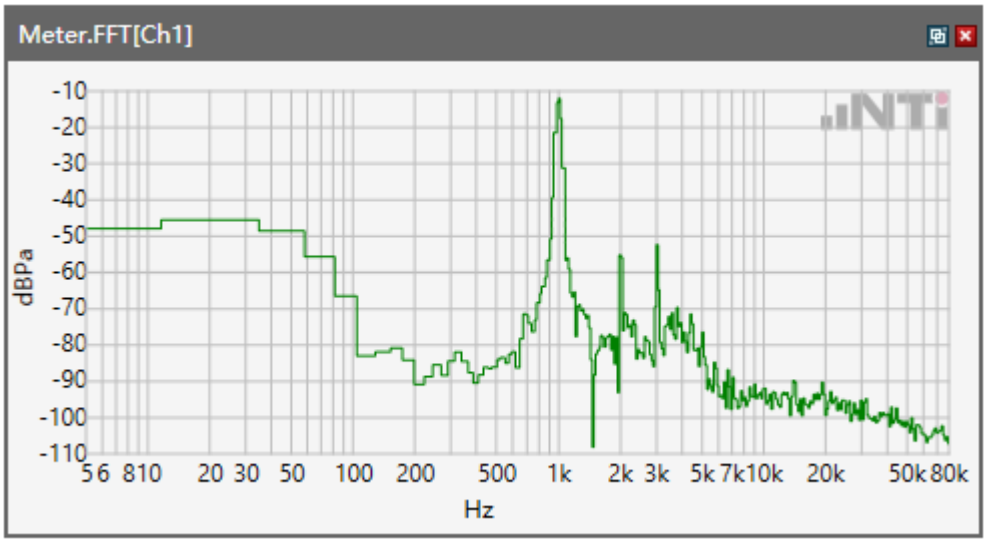


Speech Level RCV: 90.3 dB[SPL]

Calculated Value: 20.3 dB OK

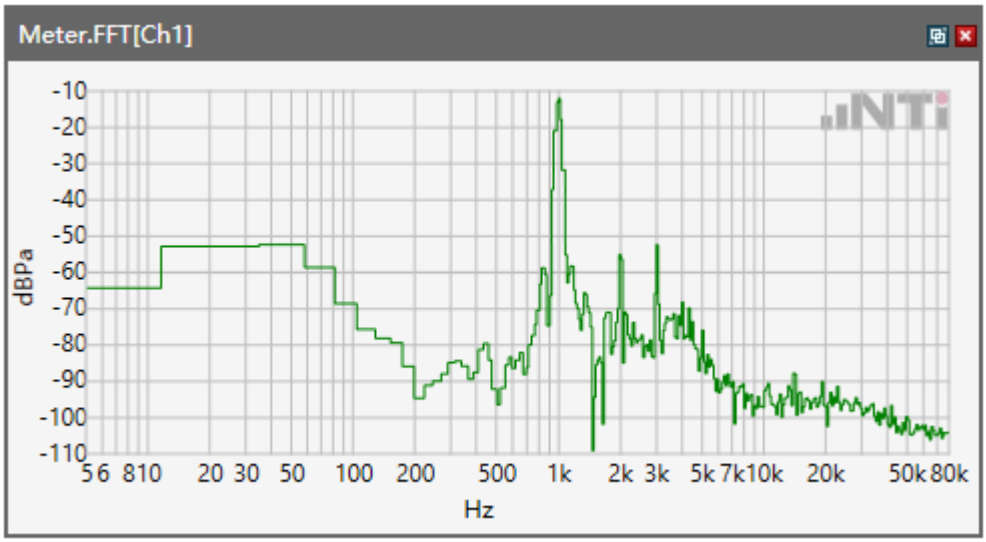
5.1 Receive Volume Control Performance 8N---EVS WB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \LTE Band 2



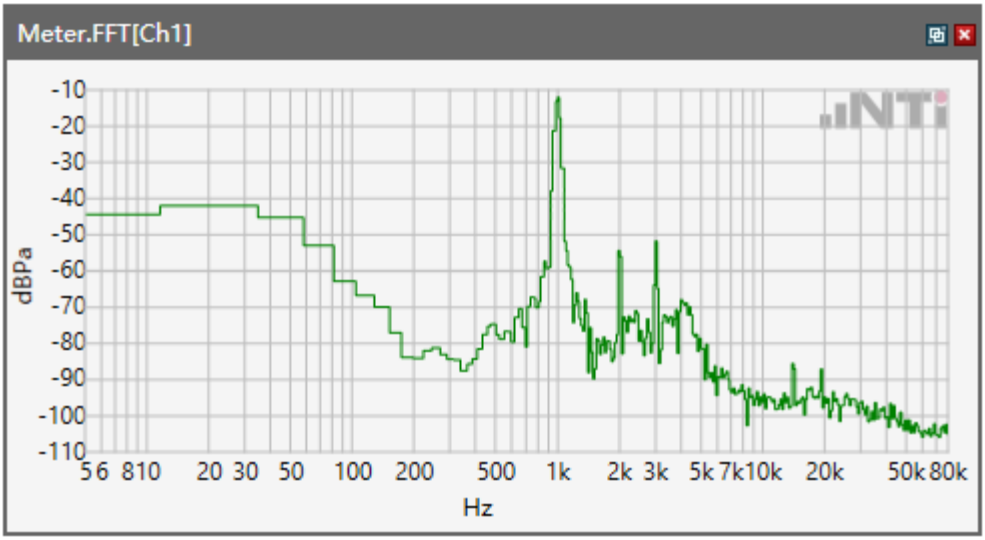
Speech Level RCV: 85.63 dB[SPL]
Calculated Value: 15.63 dB OK

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \LTE Band 4



Speech Level RCV: 85.5 dB[SPL]
Calculated Value: 15.5 dB OK

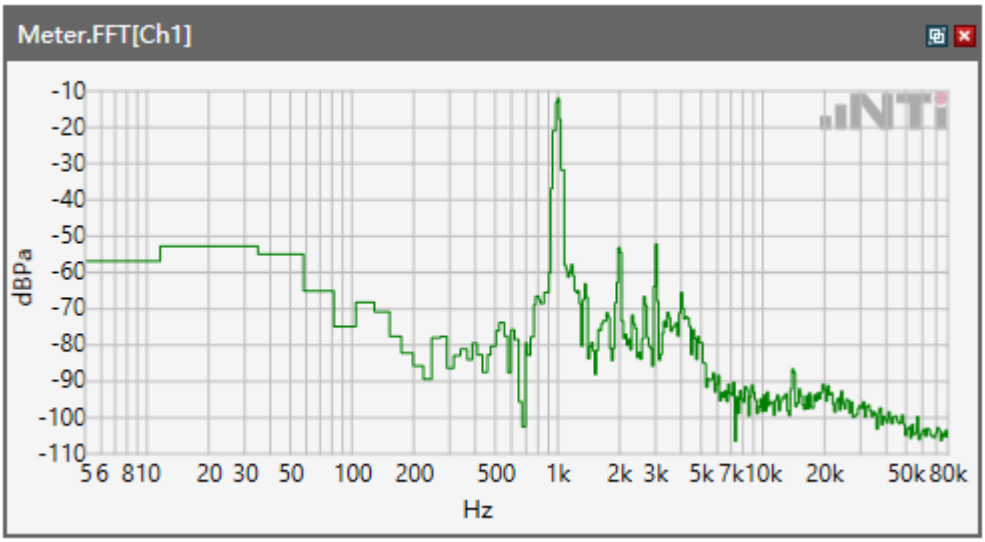
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 5



Speech Level RCV: 85.62 dB[SPL]

Calculated Value: 15.62 dB OK

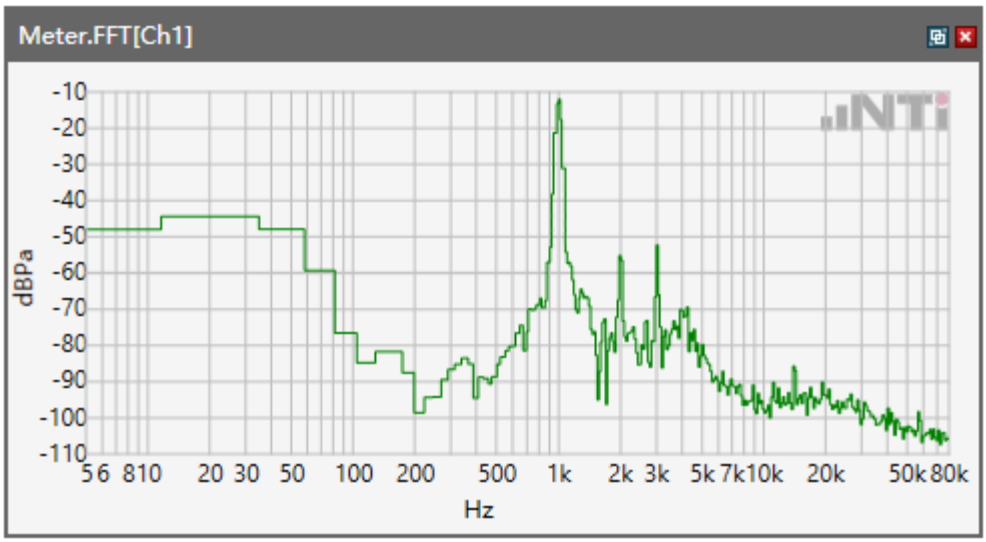
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 12



Speech Level RCV: 85.54 dB[SPL]

Calculated Value: 15.54 dB OK

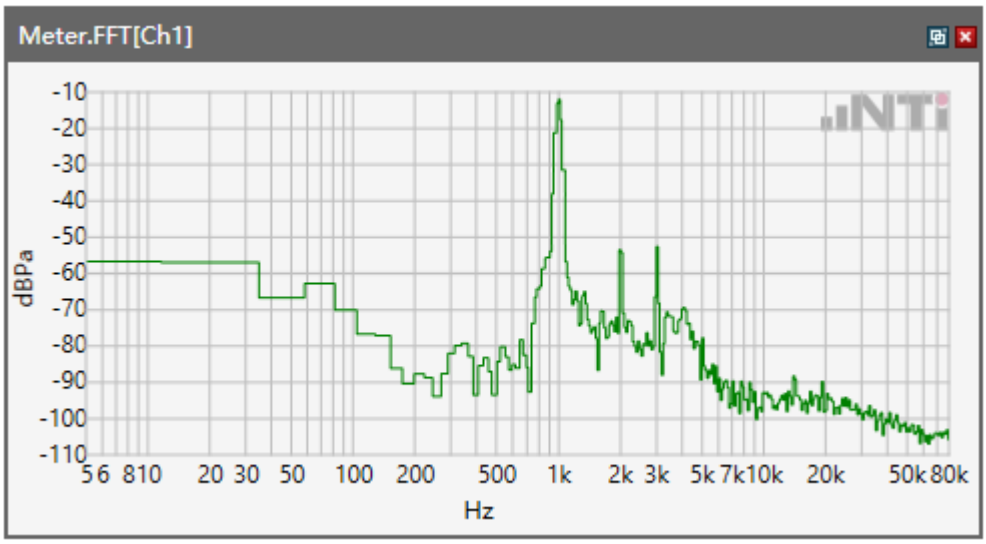
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 17



Speech Level RCV: 85.51 dB[SPL]

Calculated Value: 15.51 dB OK

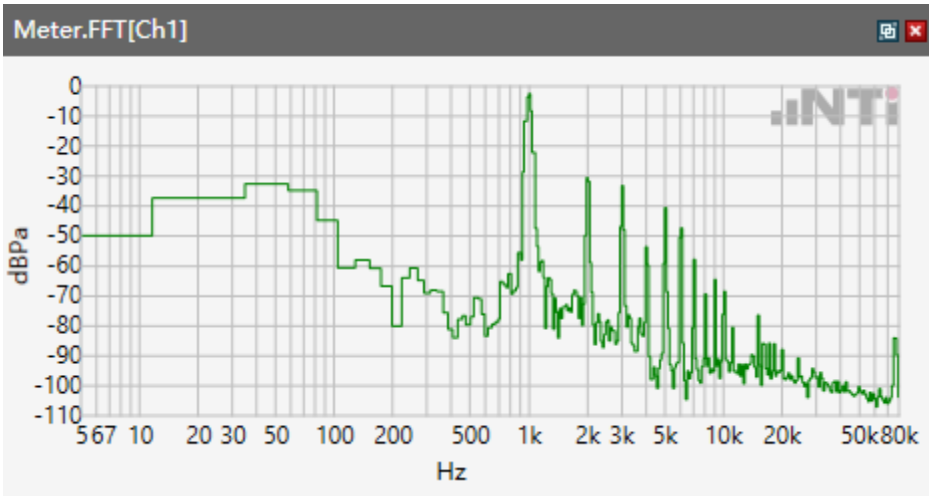
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 66



Speech Level RCV: 85.67 dB[SPL]

Calculated Value: 15.67 dB OK

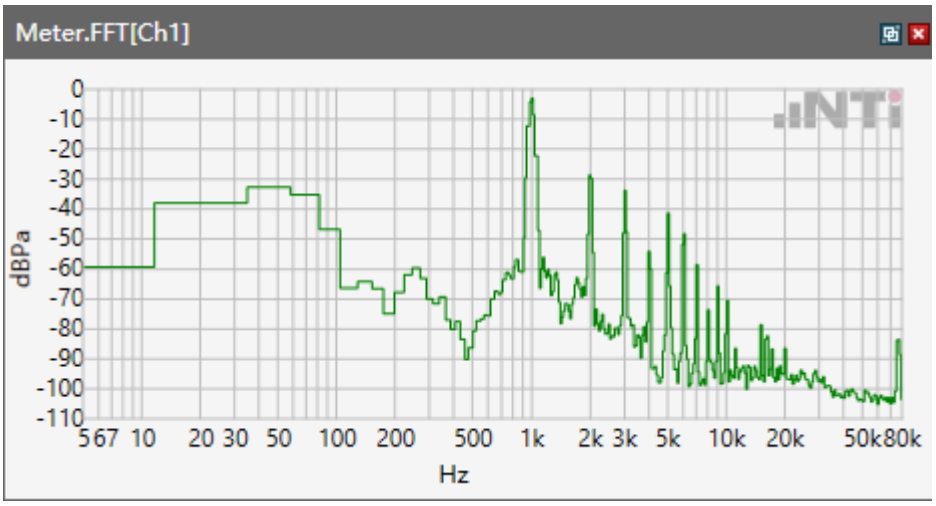
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ WLAN 2.4GHz



Speech Level RCV: 89.2 dB[SPL]

Calculated Value: 19.2 dB OK

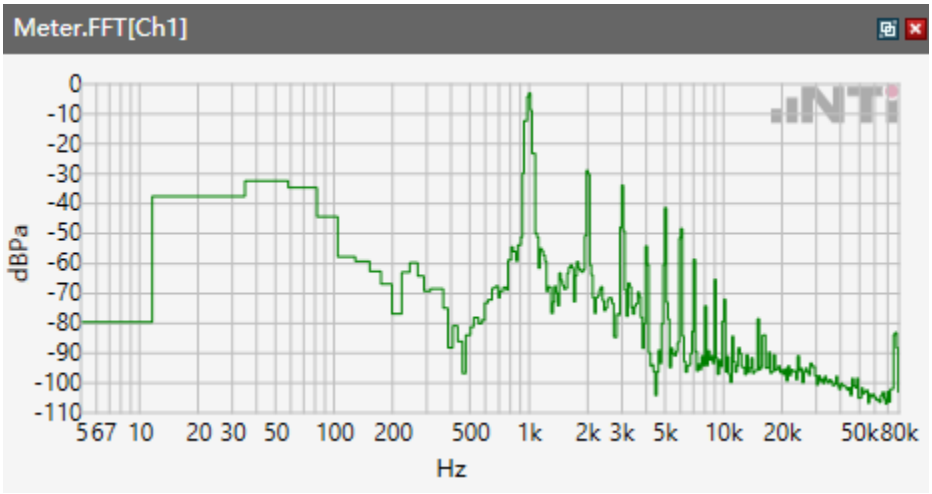
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \WLAN 5.2GHz



Speech Level RCV: 88.88 dB[SPL]

Calculated Value: 18.88 dB OK

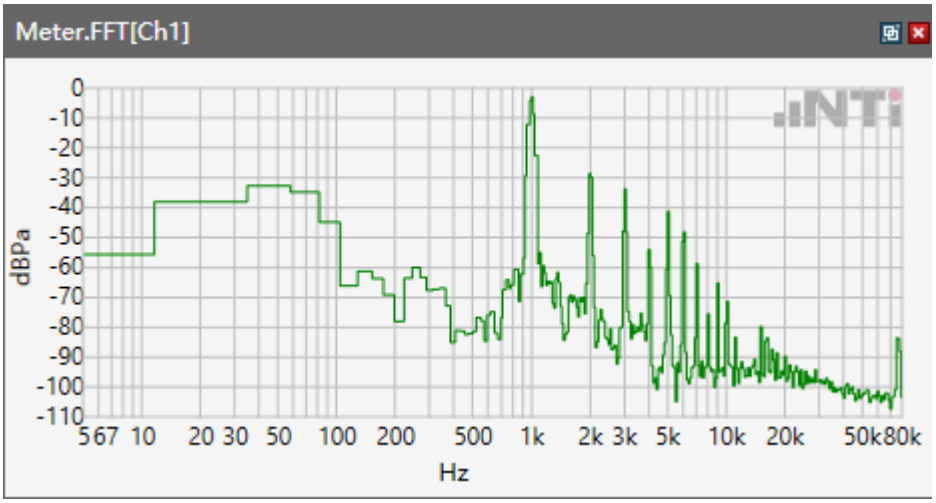
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \WLAN 5.3GHz



Speech Level RCV: 88.82 dB[SPL]

Calculated Value: 18.82 dB OK

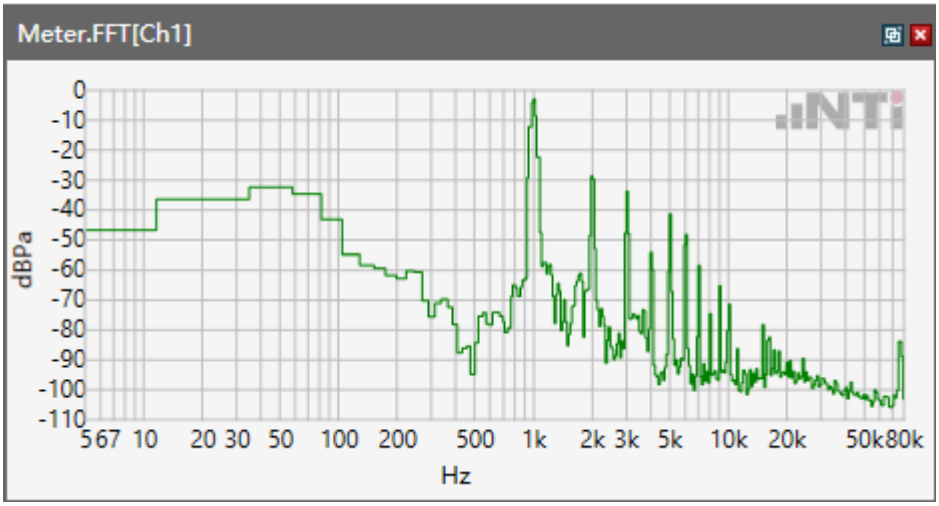
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \WLAN 5.5GHz



Speech Level RCV: 88.74 dB[SPL]

Calculated Value: 18.74 dB OK

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \WLAN 5.8GHz

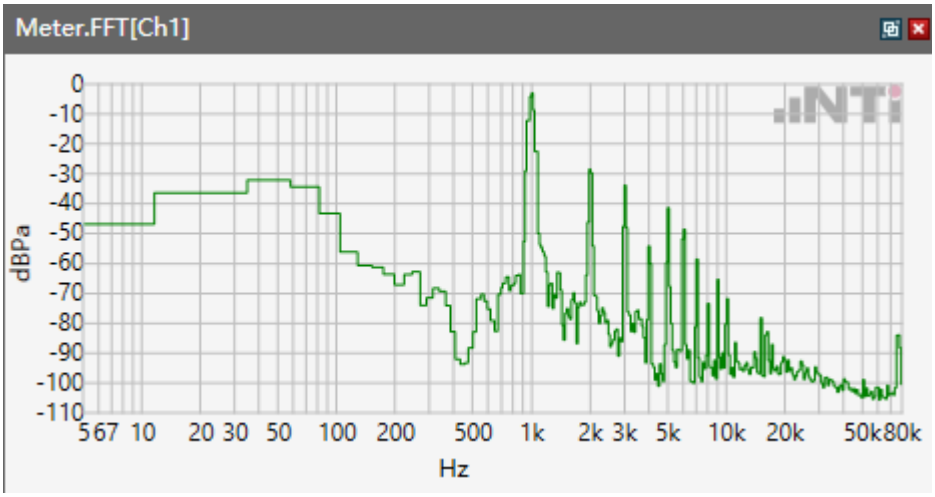


Speech Level RCV: 88.77 dB[SPL]

Calculated Value: 18.77 dB OK

5.1 Receive Volume Control Performance 8N---EVS FWB

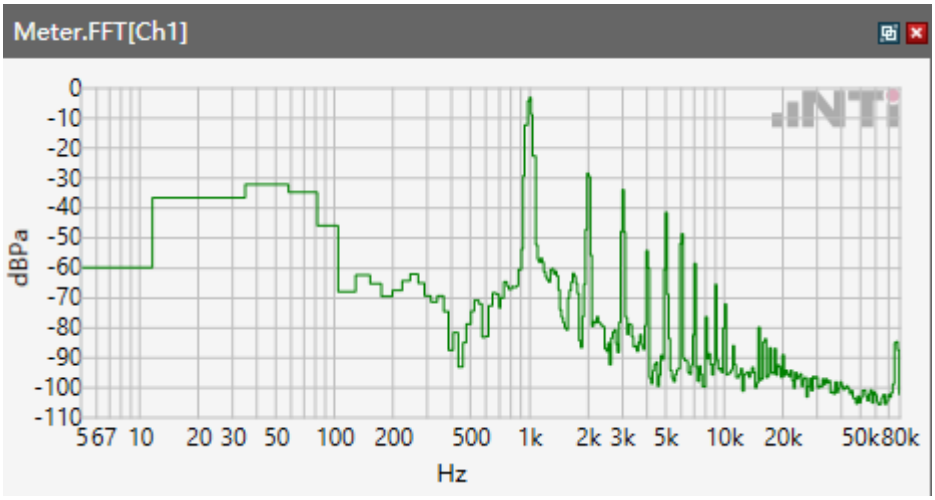
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS FWB 24.4 kbps \ WLAN 2.4GHz



Speech Level RCV: 88.79 dB[SPL]

Calculated Value: 18.79 dB OK

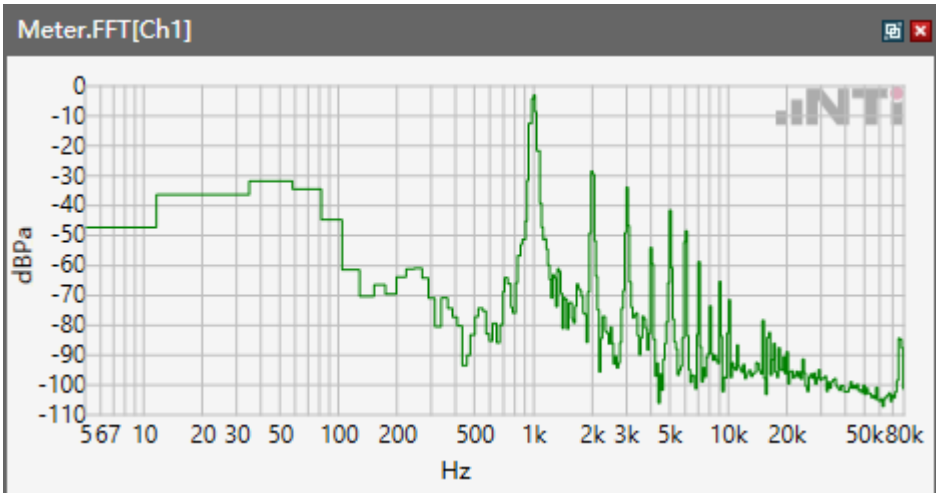
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS FWB 24.4 kbps \WLAN 5.2GHz



Speech Level RCV: 88.73 dB[SPL]

Calculated Value: 18.73 dB OK

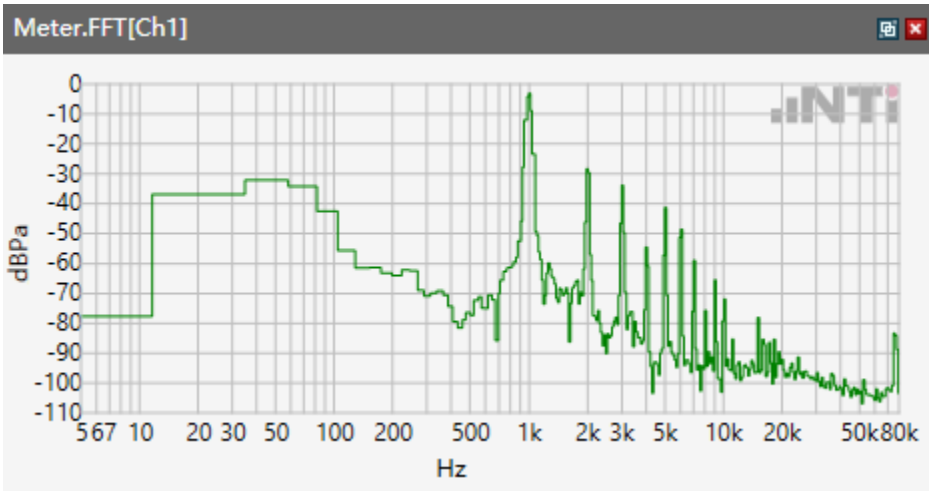
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS FWB 24.4 kbps \WLAN 5.3GHz



Speech Level RCV: 88.45 dB[SPL]

Calculated Value: 18.45 dB OK

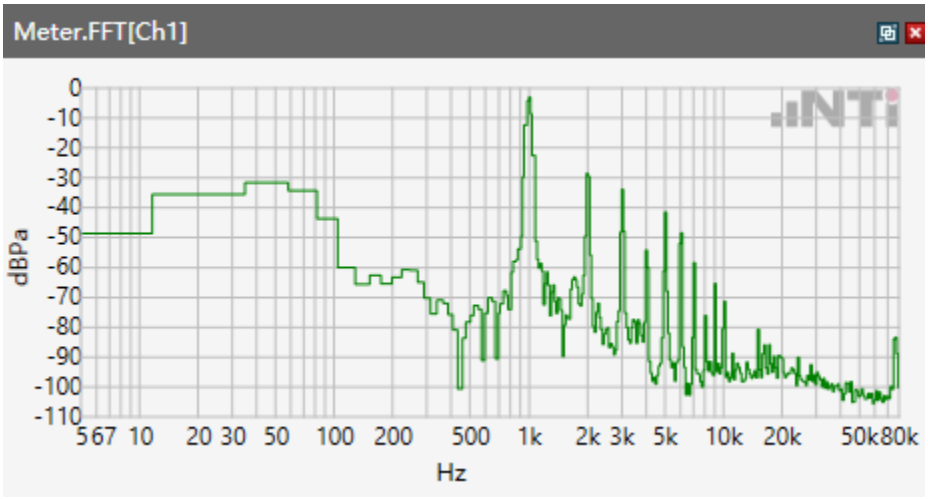
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS FWB 24.4 kbps \WLAN 5.5GHz



Speech Level RCV: 88.56 dB[SPL]

Calculated Value: 18.56 dB OK

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS FWB 24.4 kbps \WLAN 5.8GHz

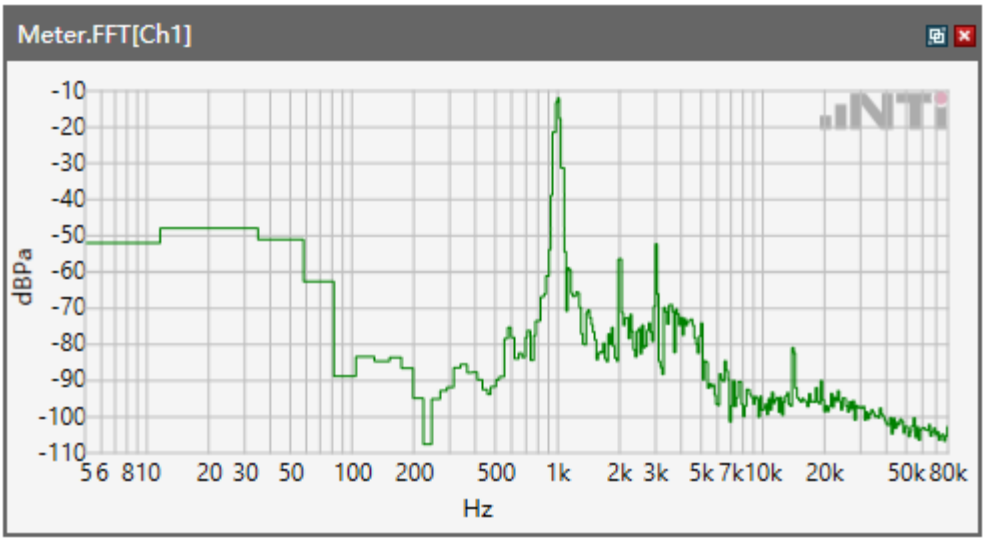


Speech Level RCV: 88.44 dB[SPL]

Calculated Value: 18.44 dB OK

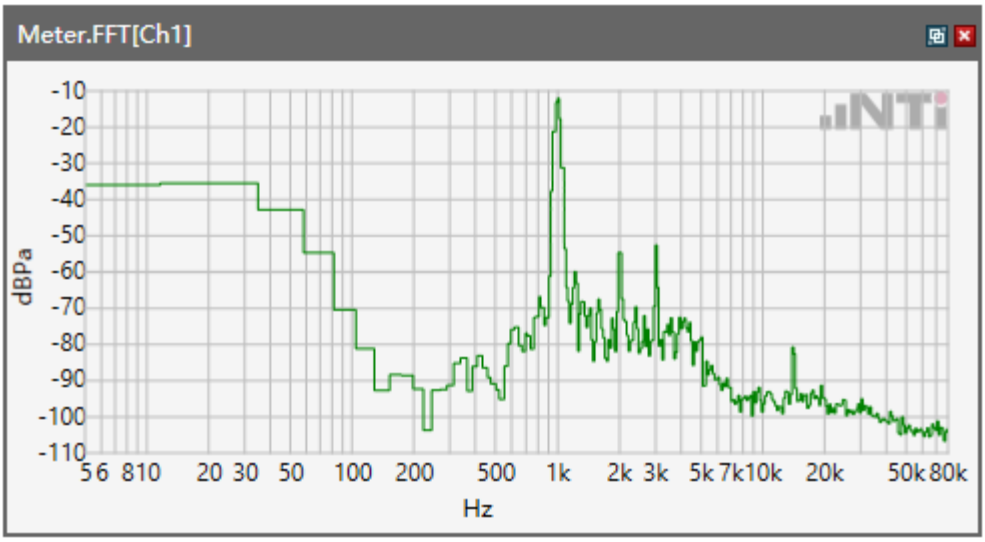
5.1 Receive Volume Control Performance 2N---NB

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 850



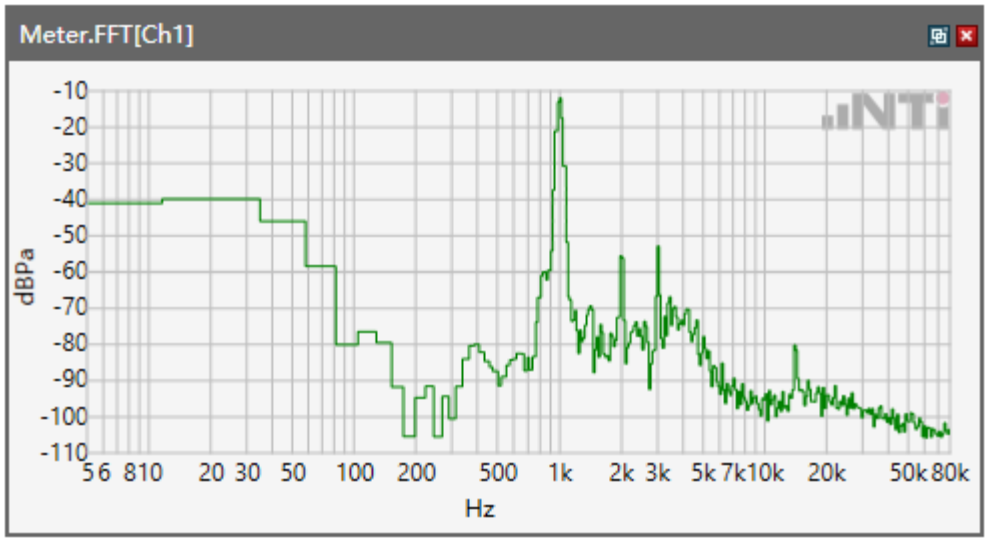
Speech Level RCV: 81.12 dB[SPL]
Calculated Value: 11.12 dB OK

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 1900



Speech Level RCV: 79.66 dB[SPL]
Calculated Value: 9.66 dB OK

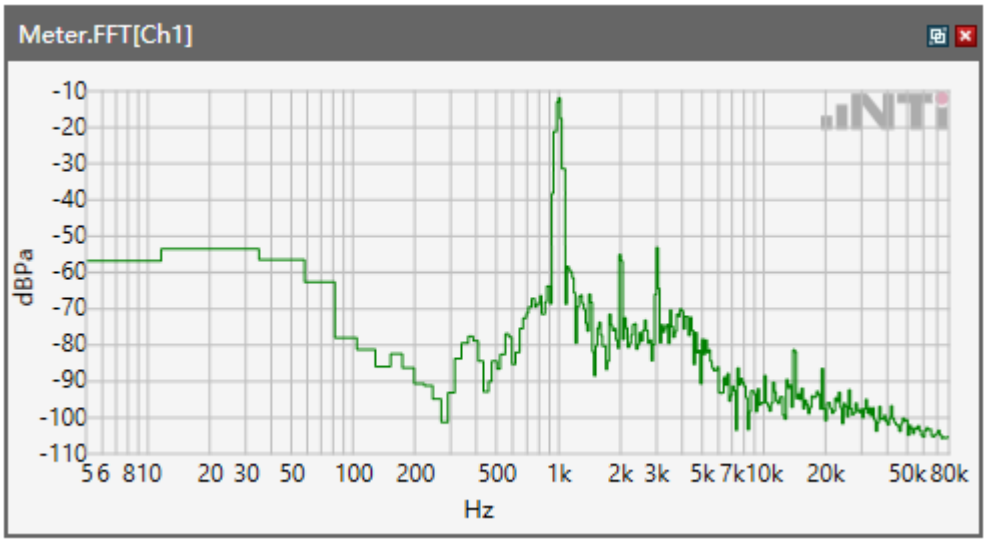
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 82.12 dB[SPL]

Calculated Value: 12.12 dB OK

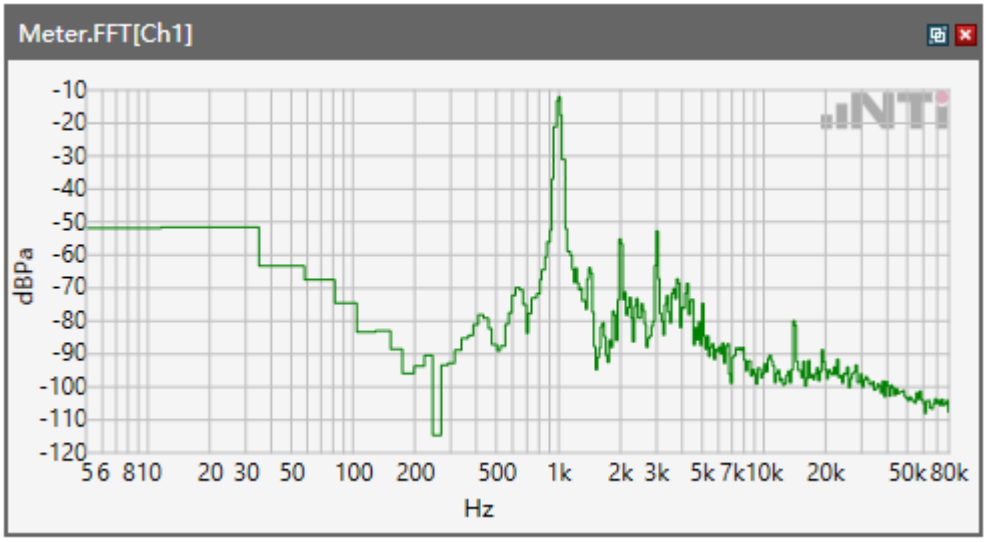
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band IV



Speech Level RCV: 81.37 dB[SPL]

Calculated Value: 11.37 dB OK

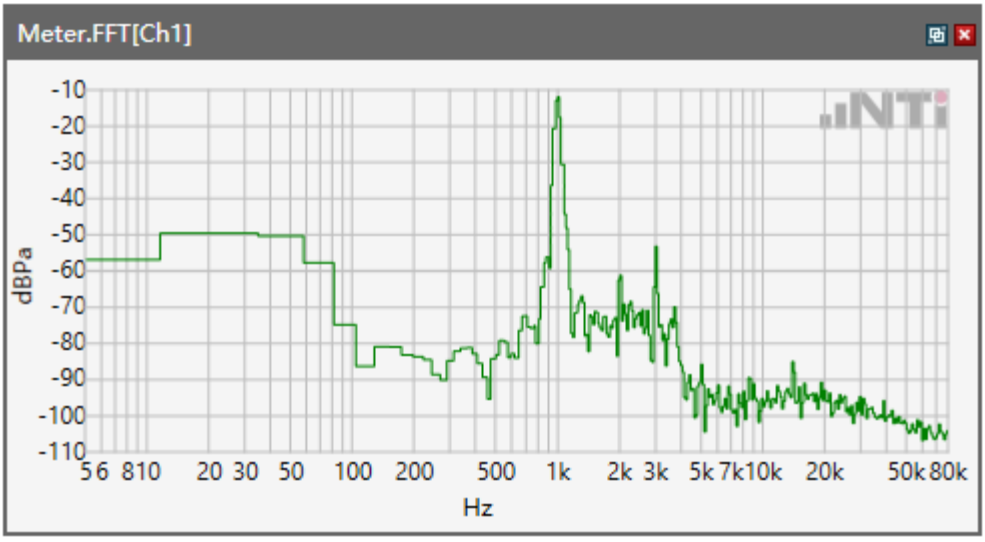
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 83.33 dB[SPL]

Calculated Value: 13.33 dB OK

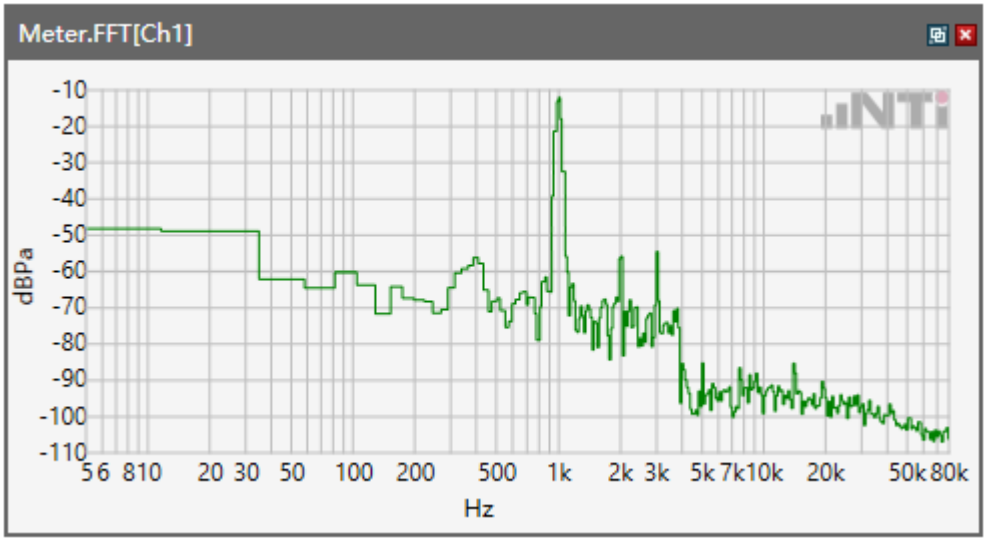
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\LTE Band 2



Speech Level RCV: 83.45 dB[SPL]

Calculated Value: 13.45 dB OK

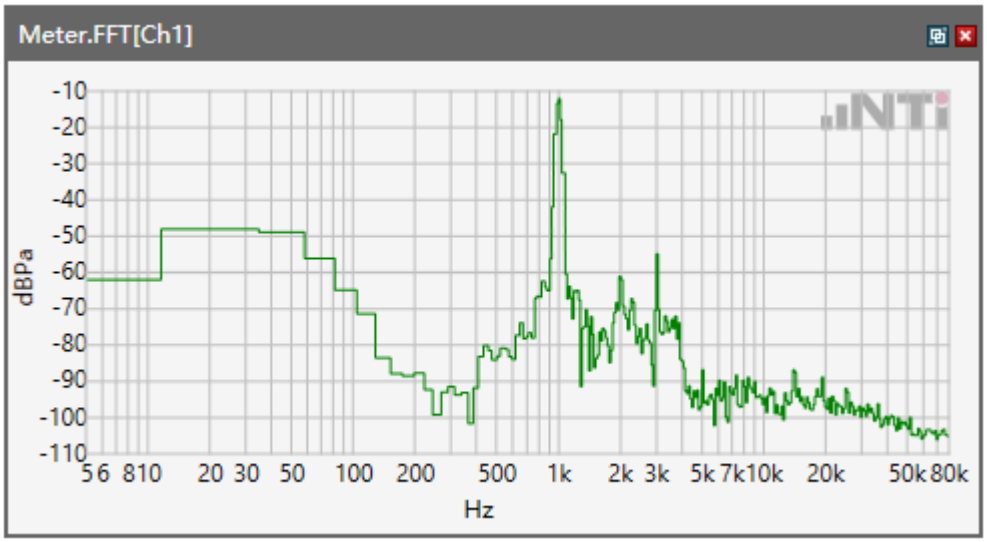
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 4



Speech Level RCV: 83.37 dB[SPL]

Calculated Value: 13.37 dB OK

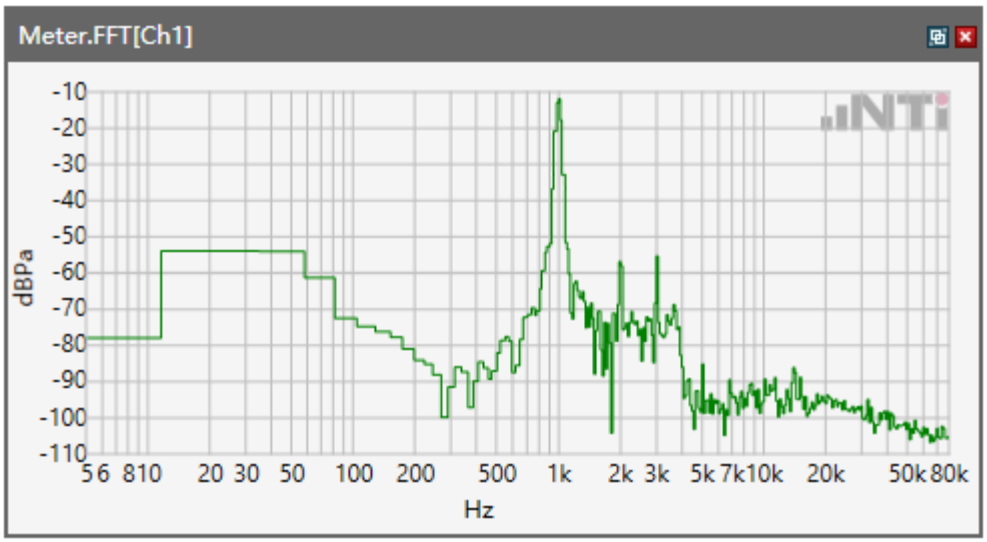
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 5



Speech Level RCV: 83.34 dB[SPL]

Calculated Value: 13.34 dB OK

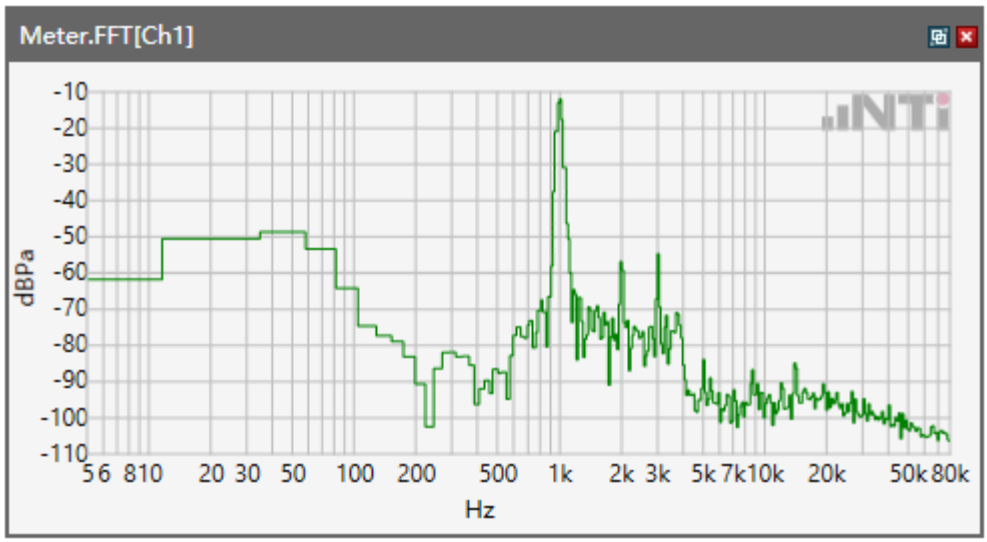
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 12



Speech Level RCV: 83.22 dB[SPL]

Calculated Value: 13.22 dB OK

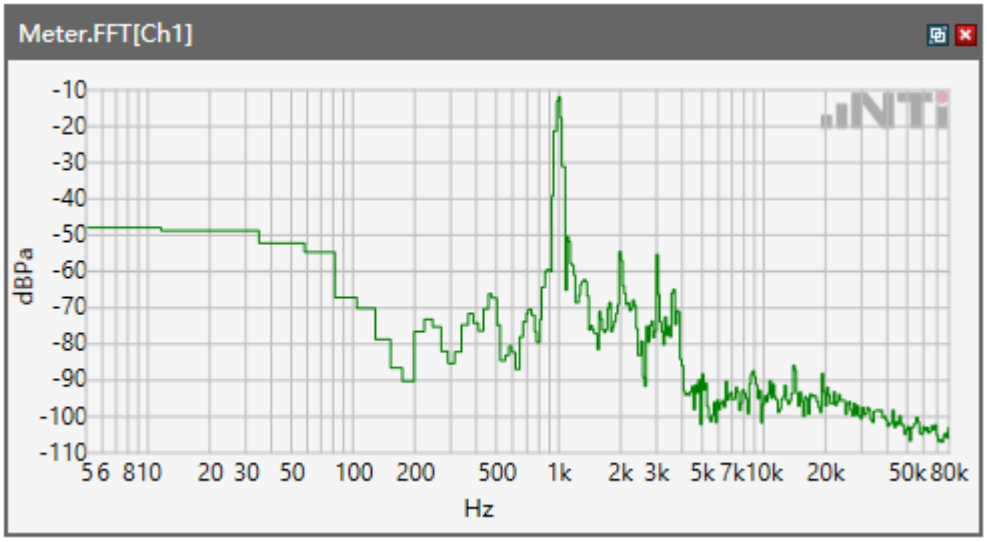
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 17



Speech Level RCV: 82.35 dB[SPL]

Calculated Value: 12.35 dB OK

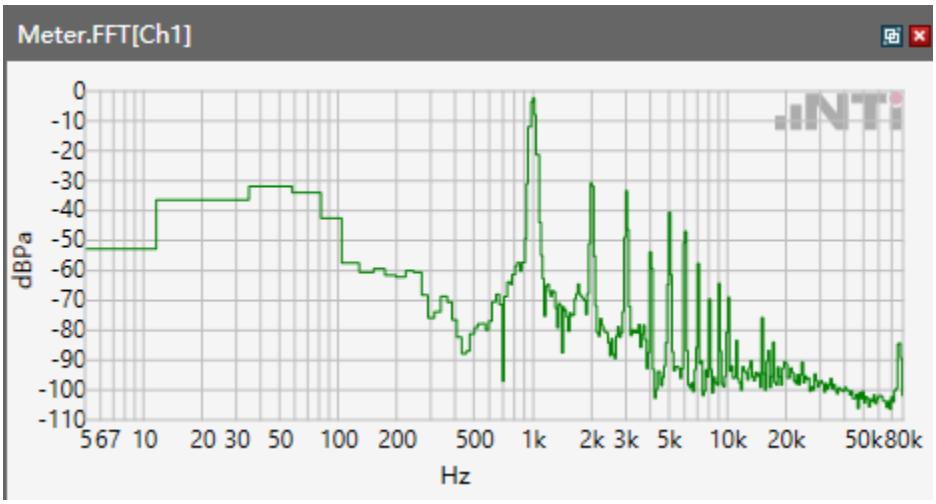
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 66



Speech Level RCV: 83.17 dB[SPL]

Calculated Value: 13.17 dB OK

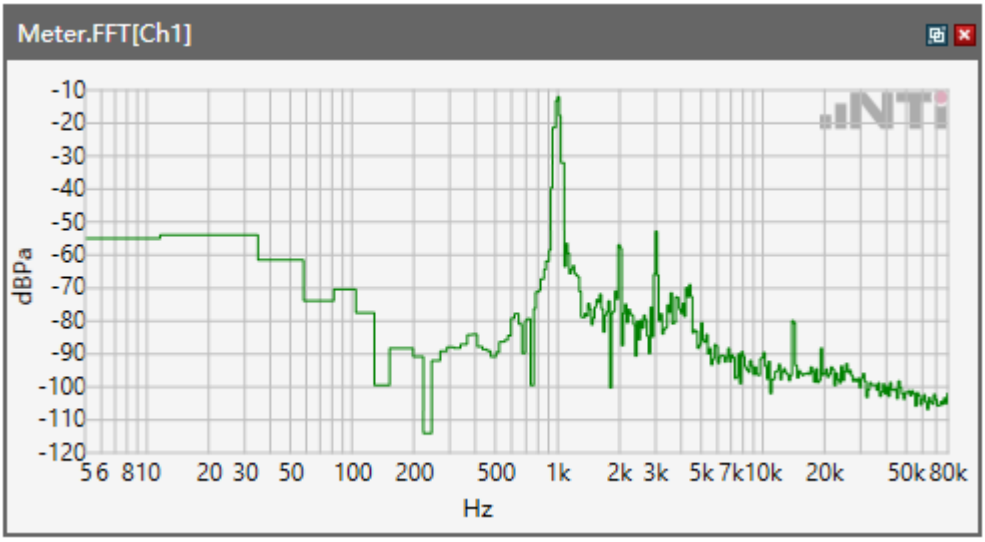
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ WLAN 2.4GHz



Speech Level RCV: 87.03 dB[SPL]

Calculated Value: 17.03 dB OK

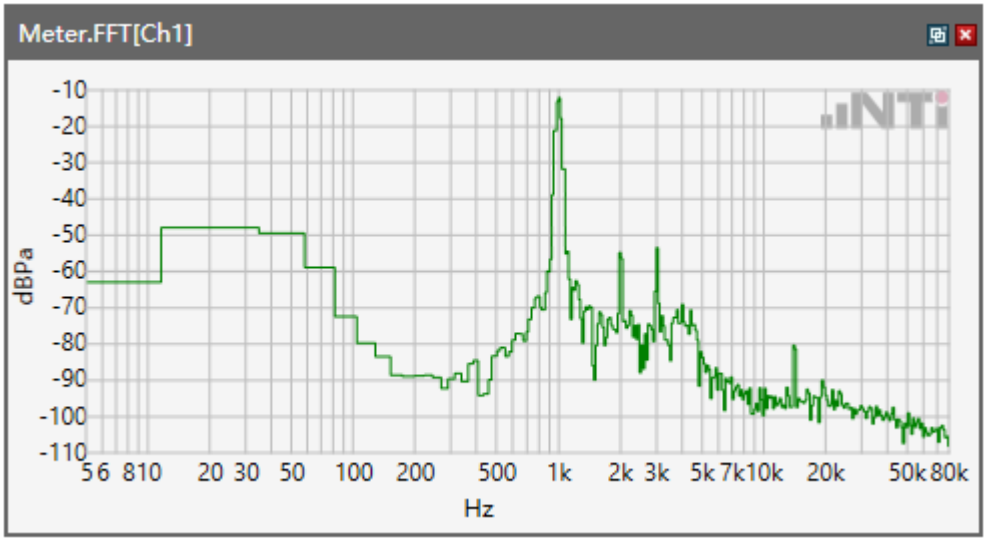
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WLAN 5.2GHz



Speech Level RCV: 86.34 dB[SPL]

Calculated Value: 16.34 dB OK

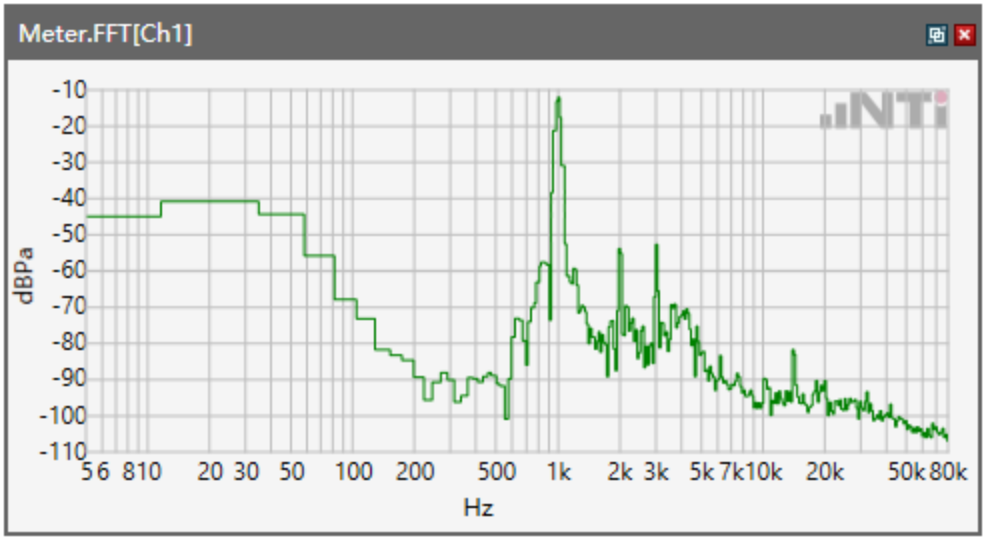
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WLAN 5.3GHz



Speech Level RCV: 86.43 dB[SPL]

Calculated Value: 16.43 dB OK

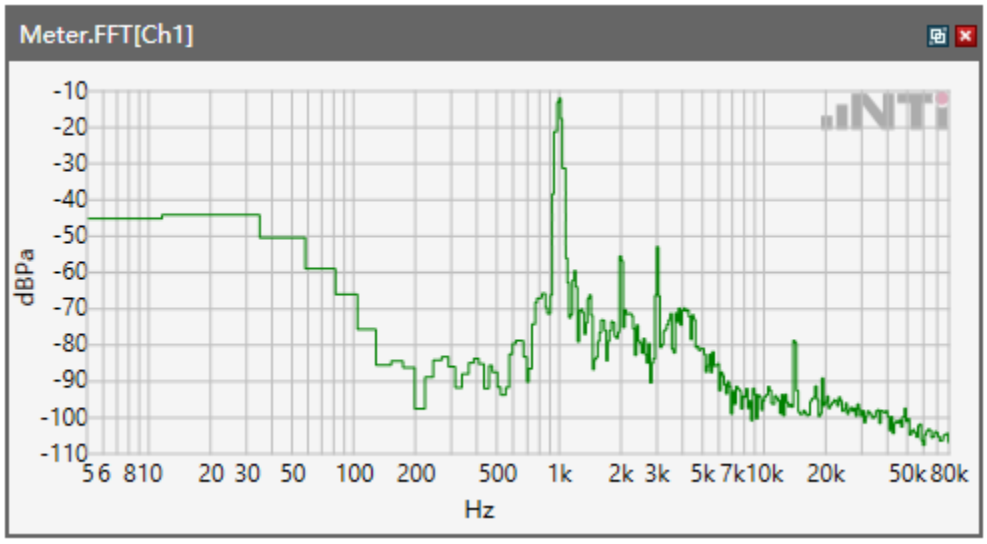
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WLAN 5.2 GHz



Speech Level RCV: 86.11 dB[SPL]

Calculated Value: 16.11 dB OK

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WLAN 5.8 GHz

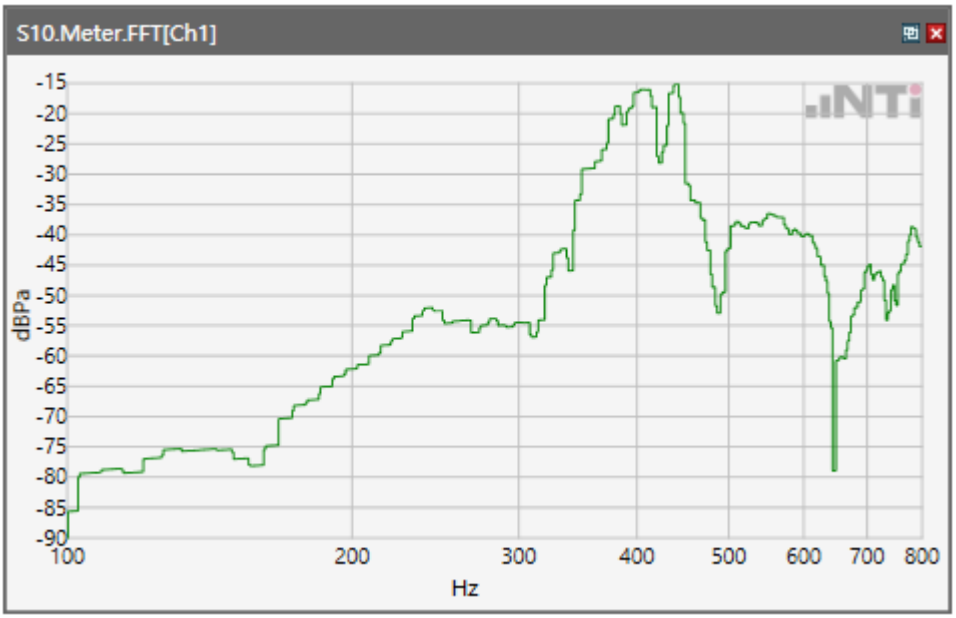


Speech Level RCV: 86.2 dB[SPL]

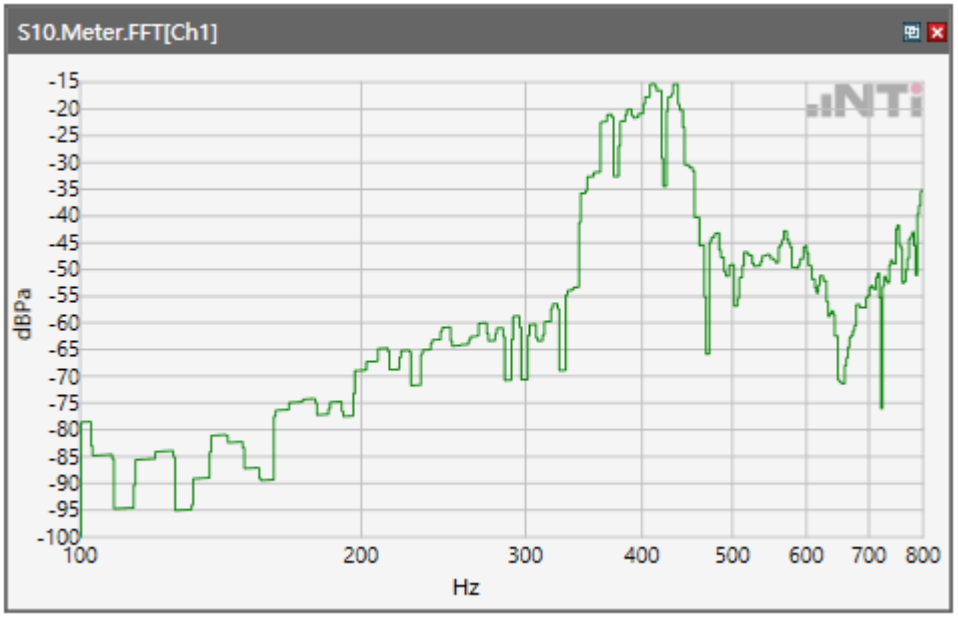
Calculated Value: 16.2 dB OK

Receive path - distortion and noise 400Hz WB&NB

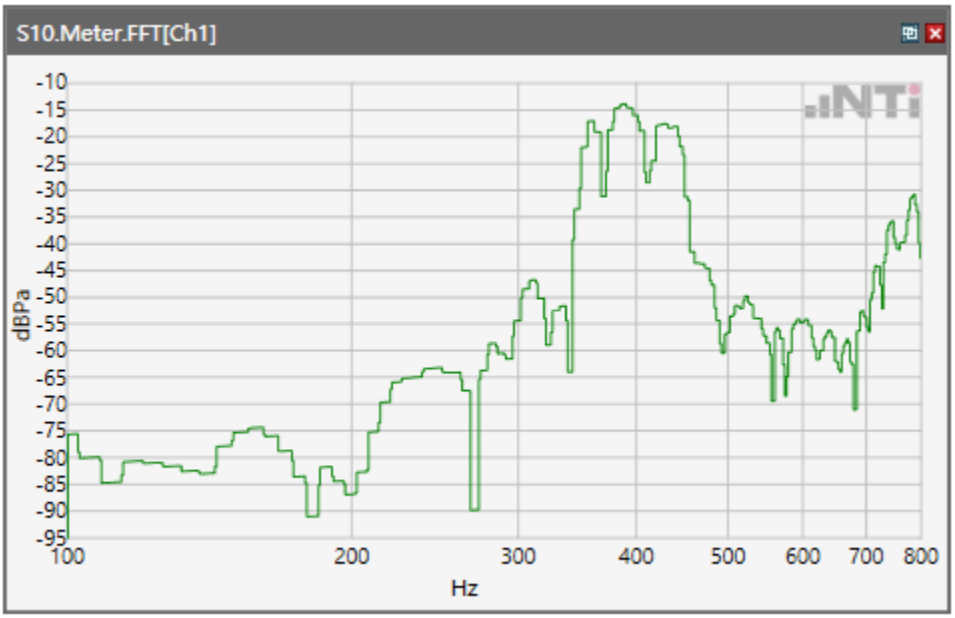
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



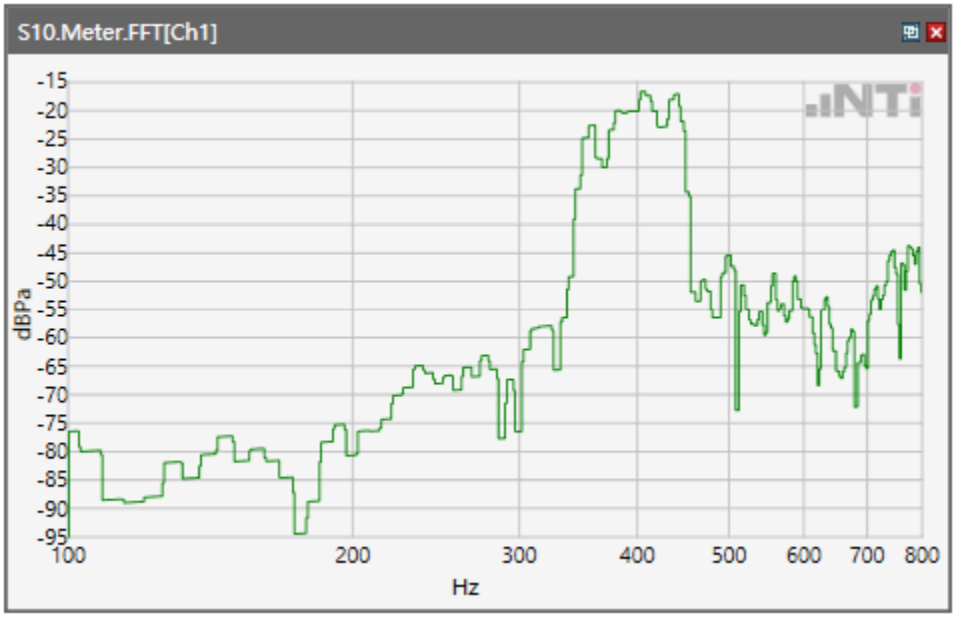
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



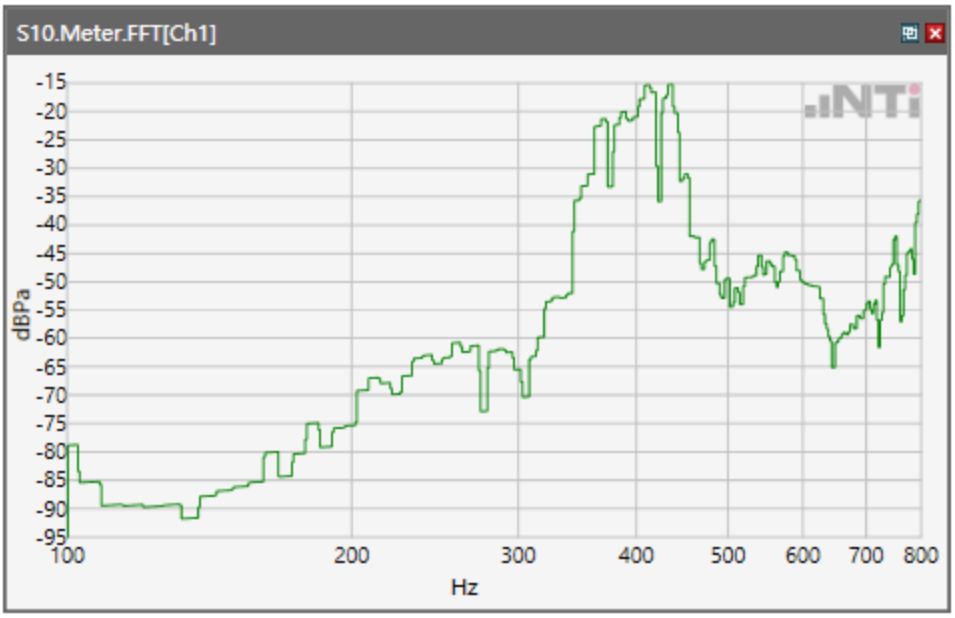
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



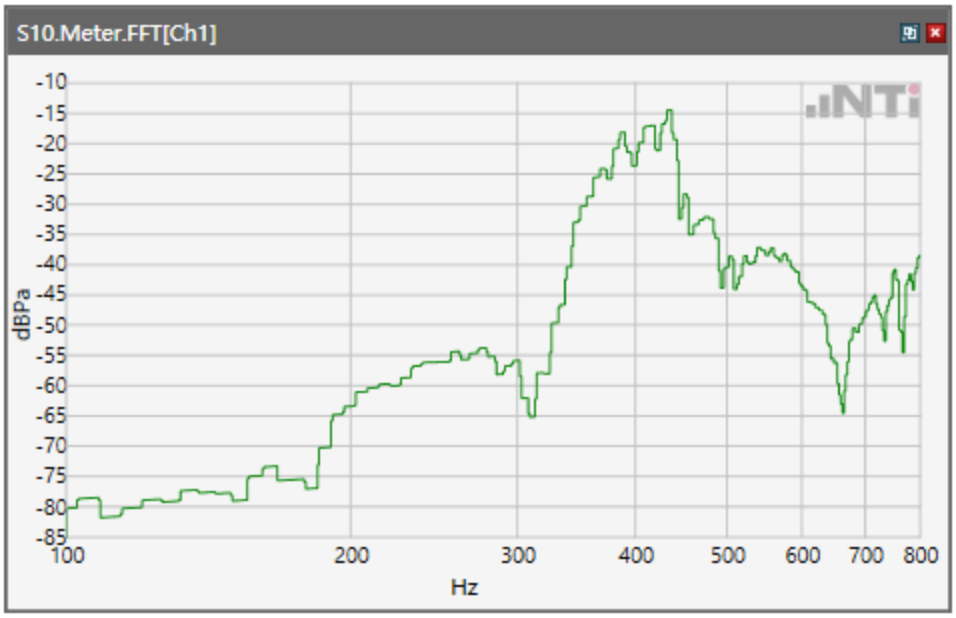
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



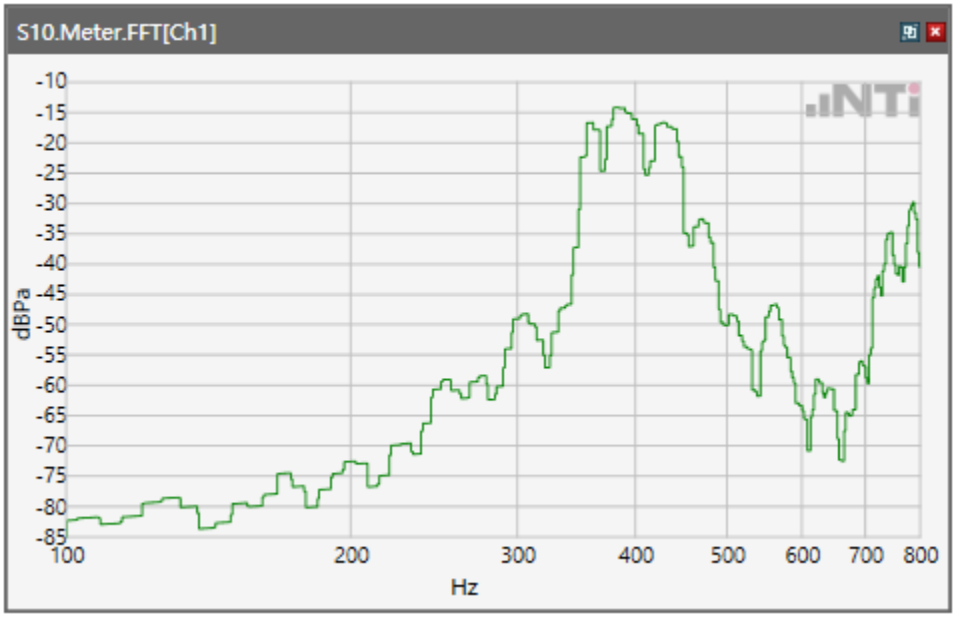
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



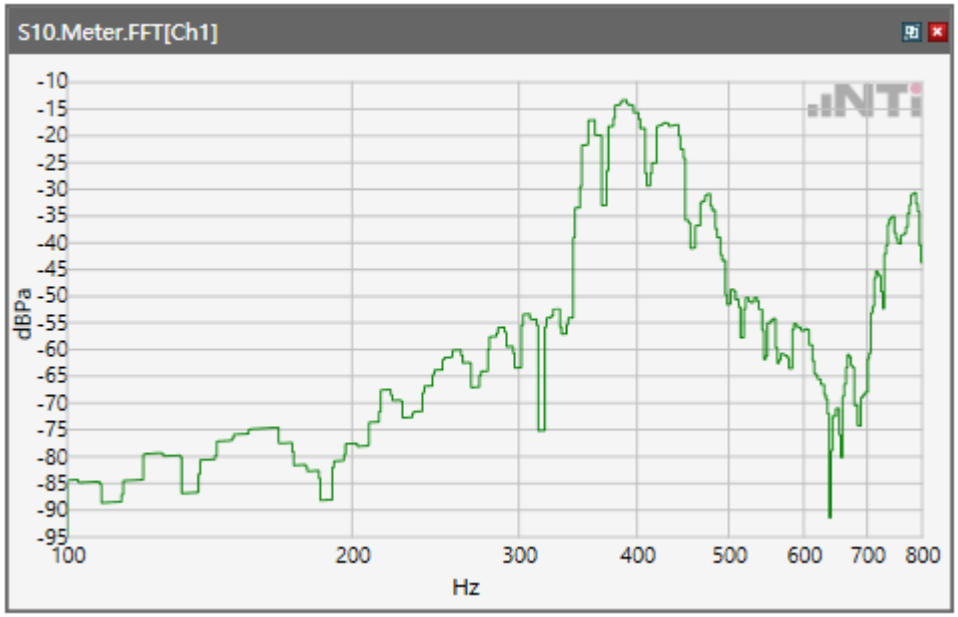
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



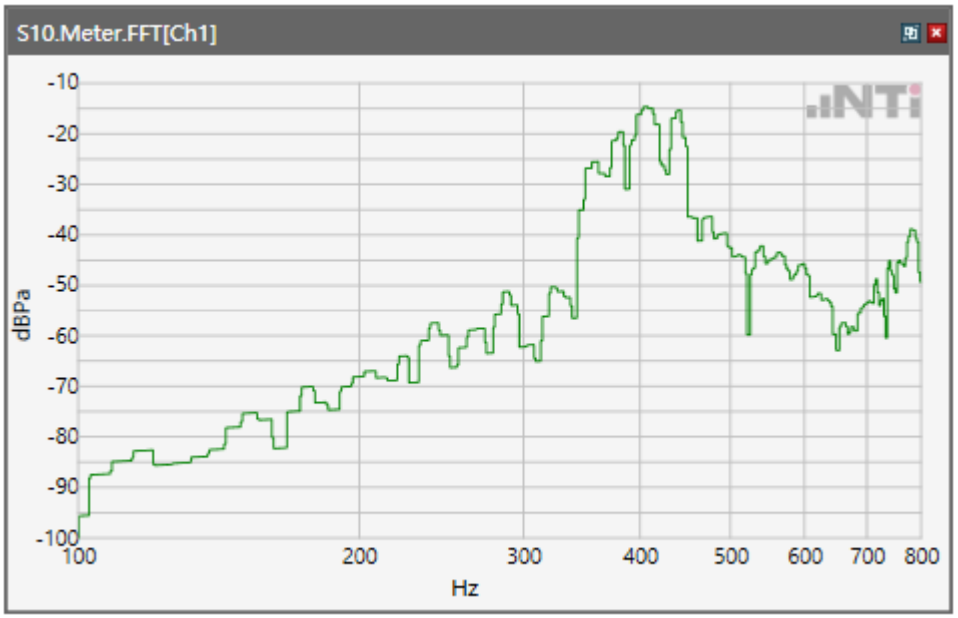
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



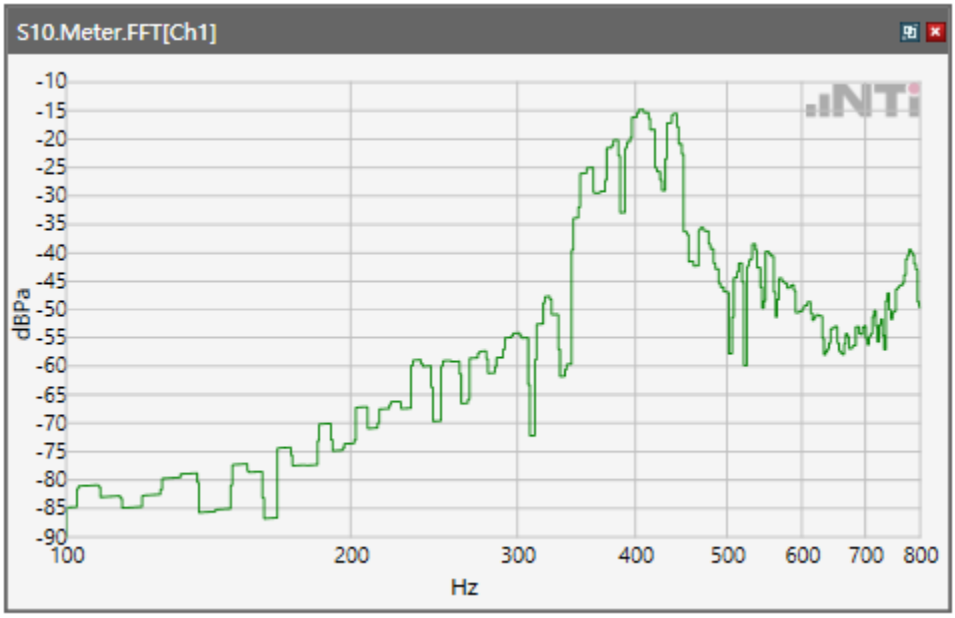
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



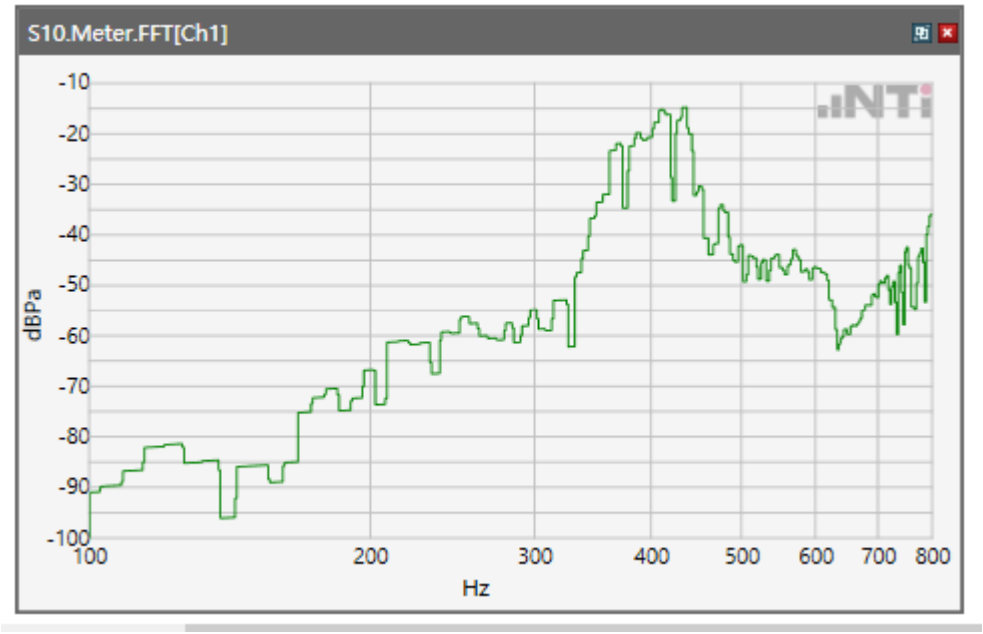
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



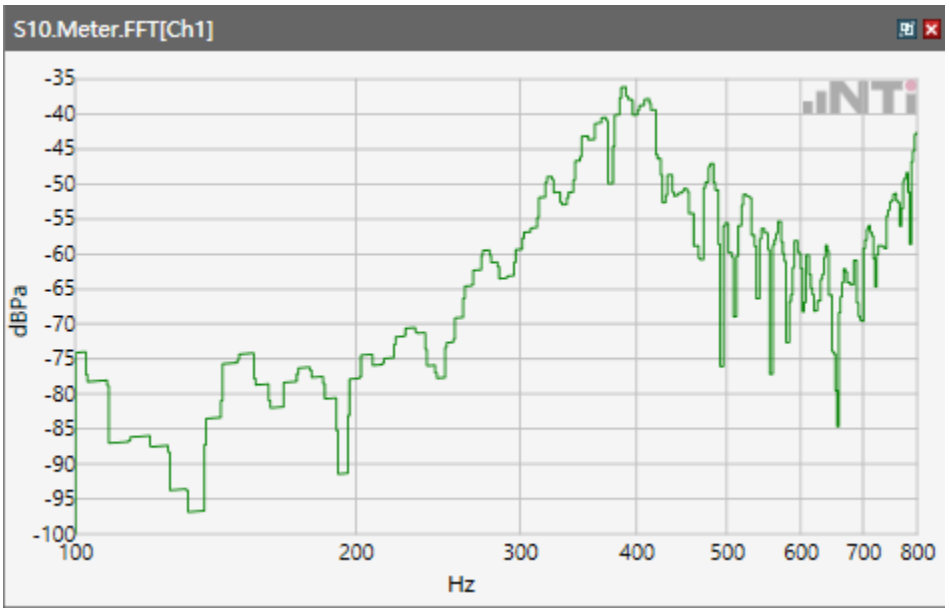
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



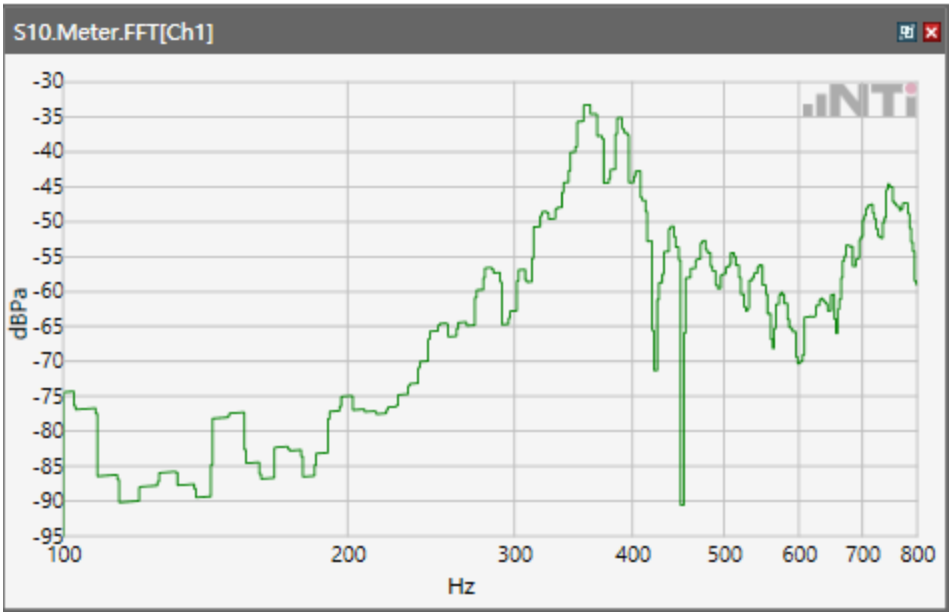
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



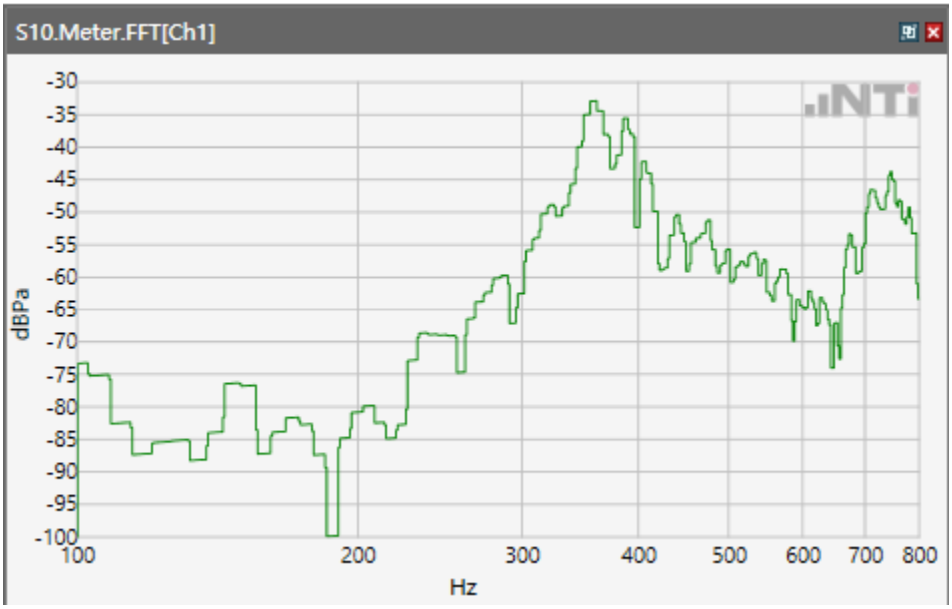
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



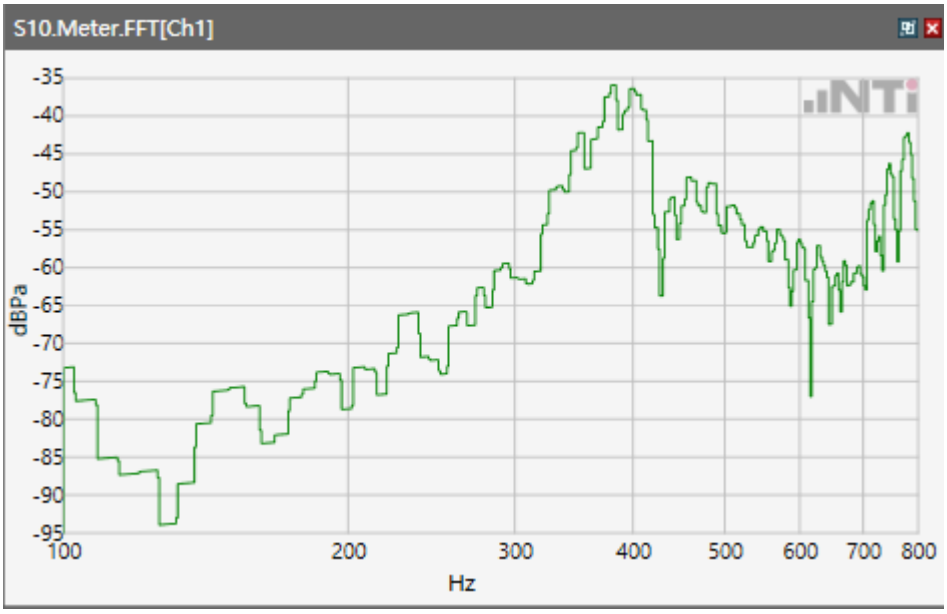
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



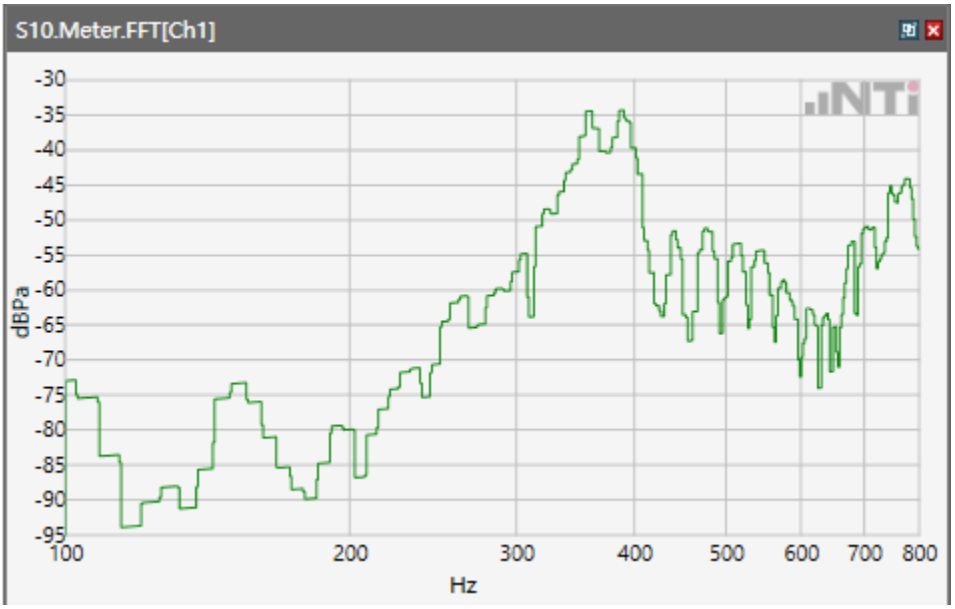
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

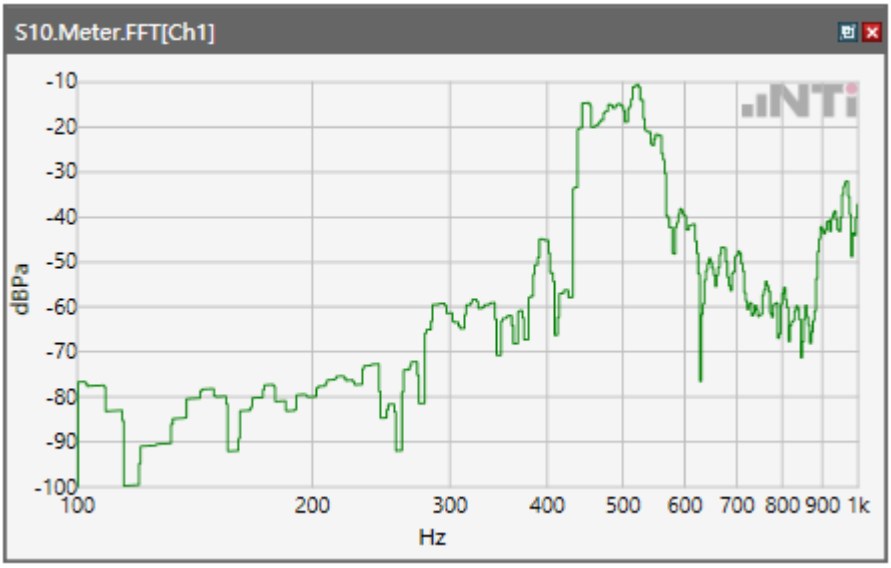


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

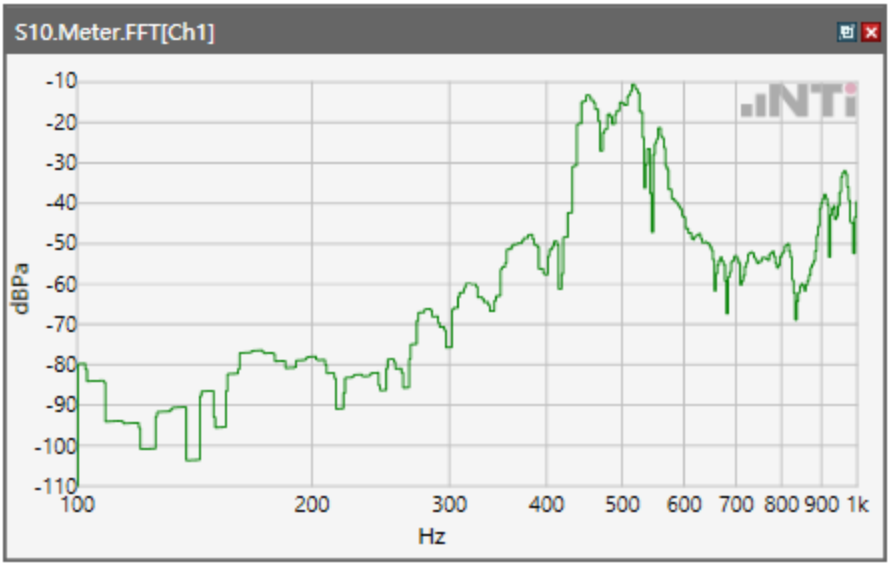


Receive path - distortion and noise 500Hz WB&NB

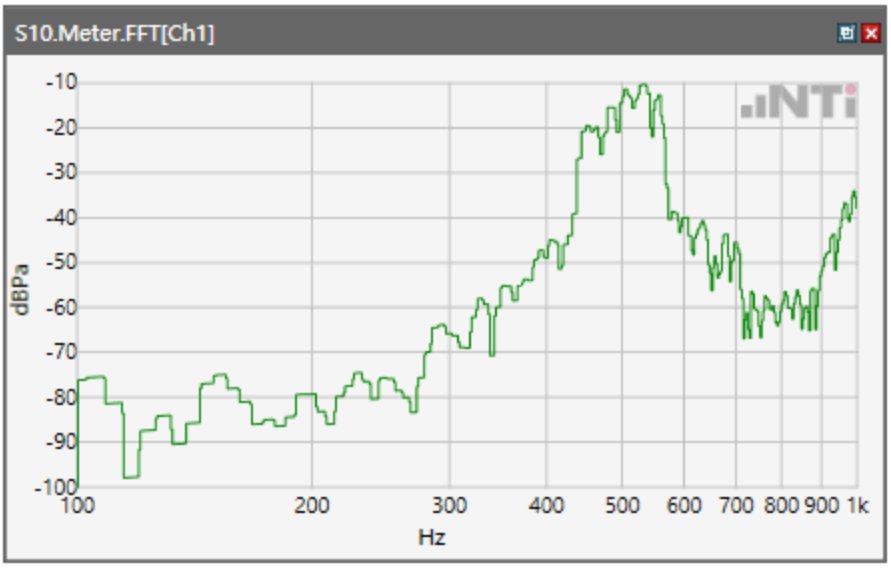
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



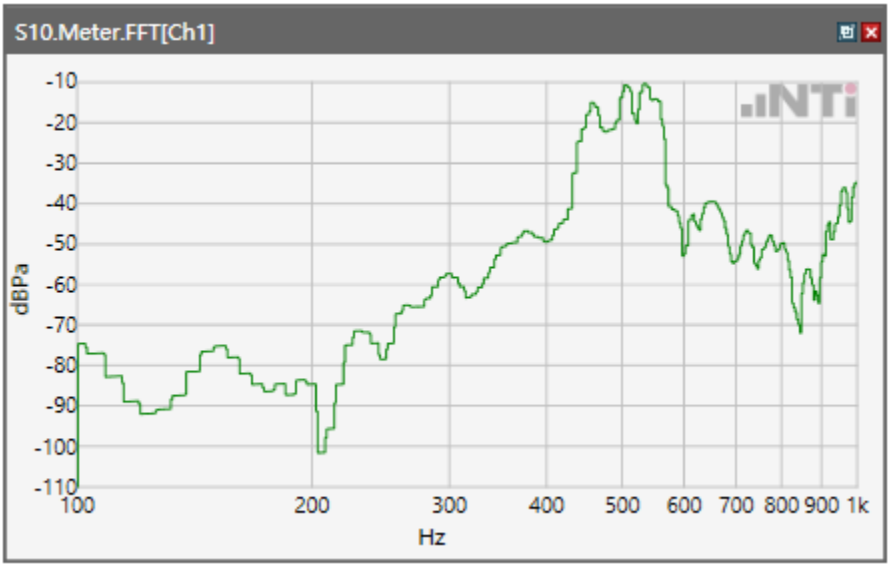
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



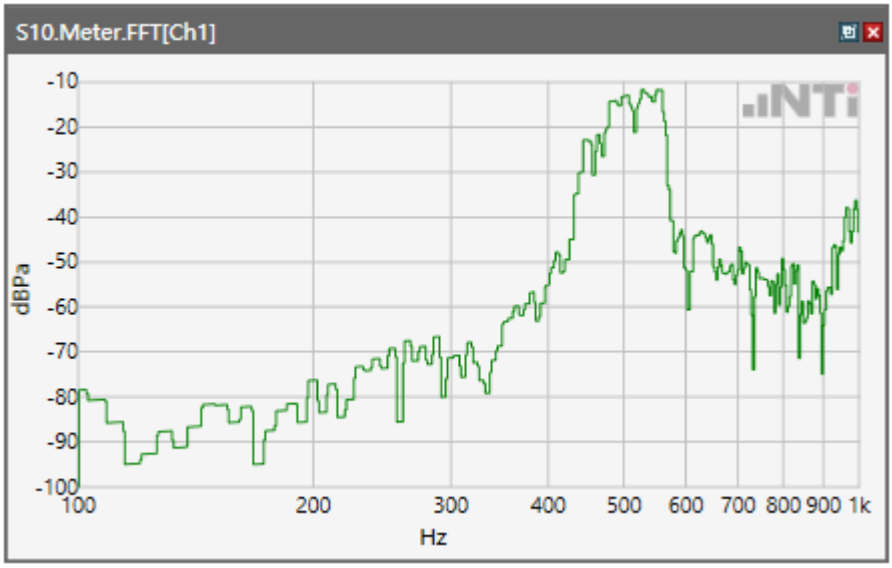
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



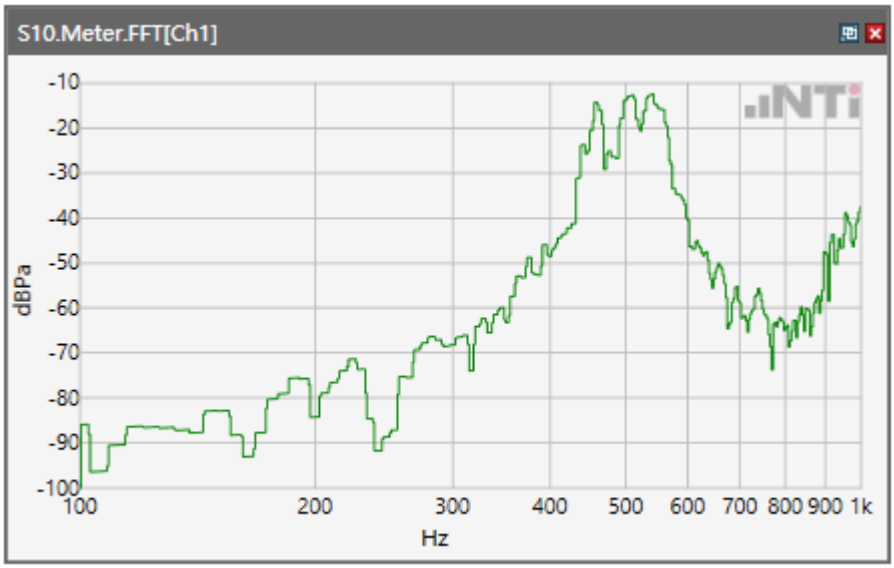
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



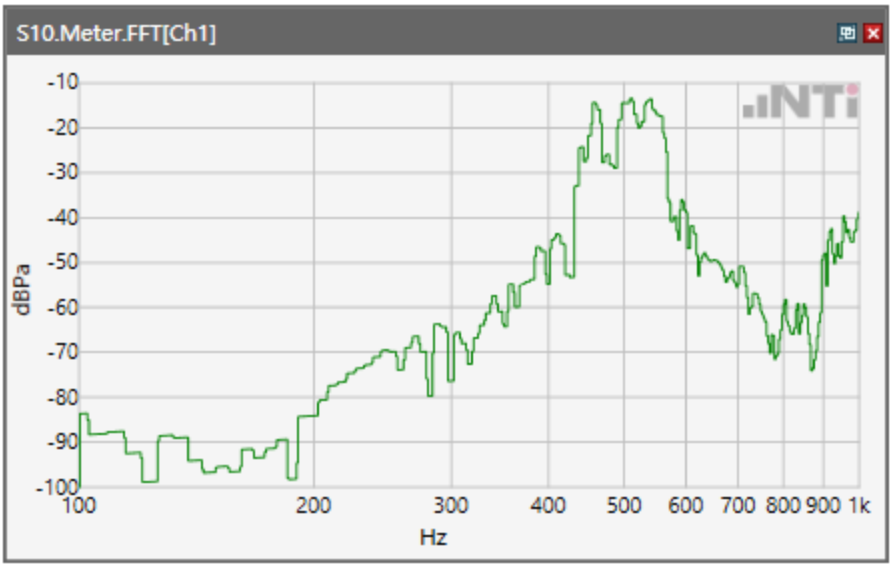
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



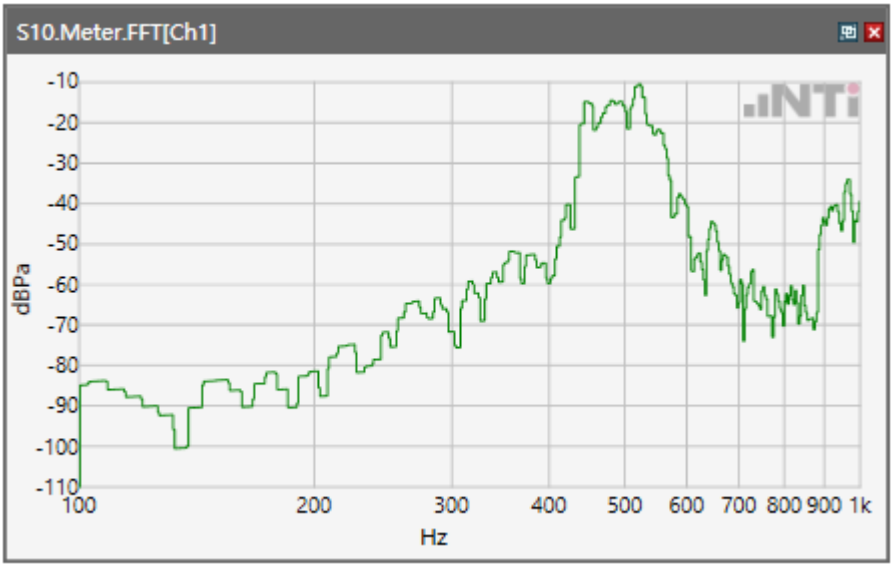
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



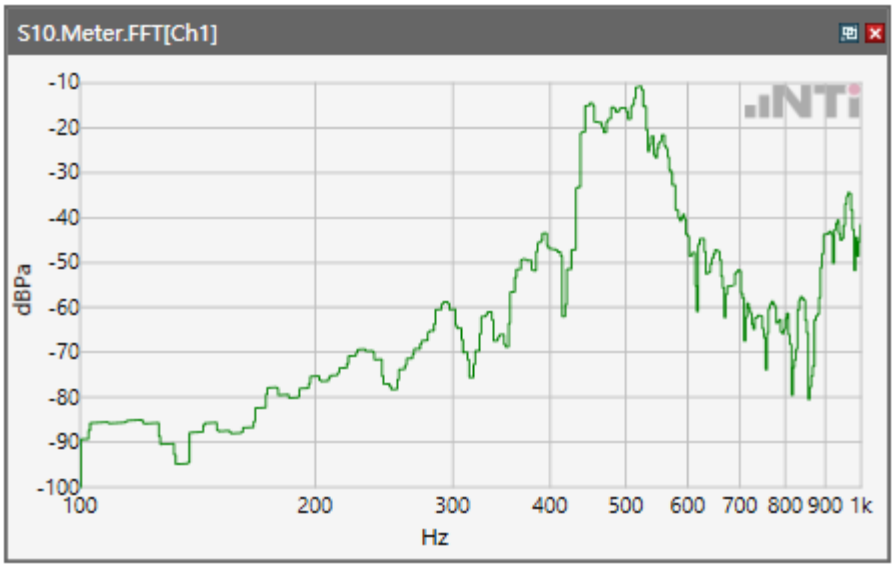
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



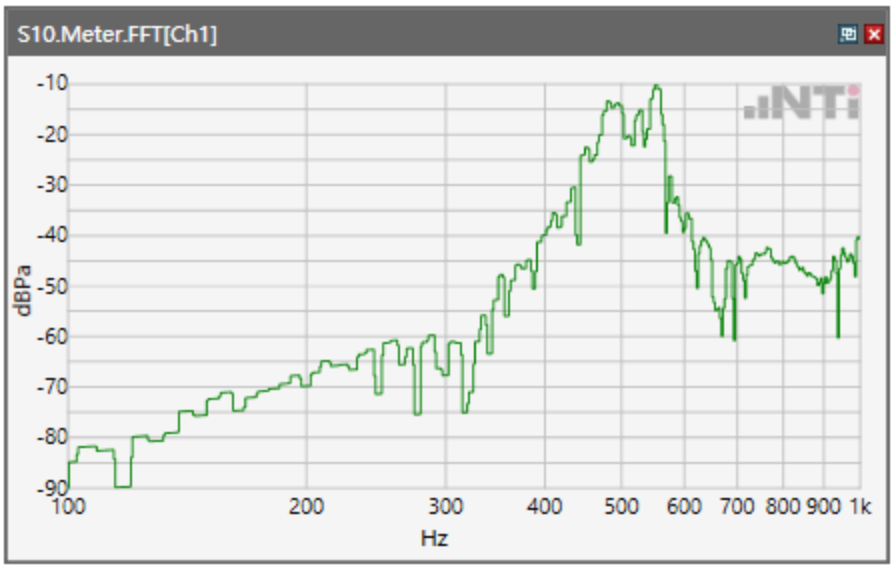
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



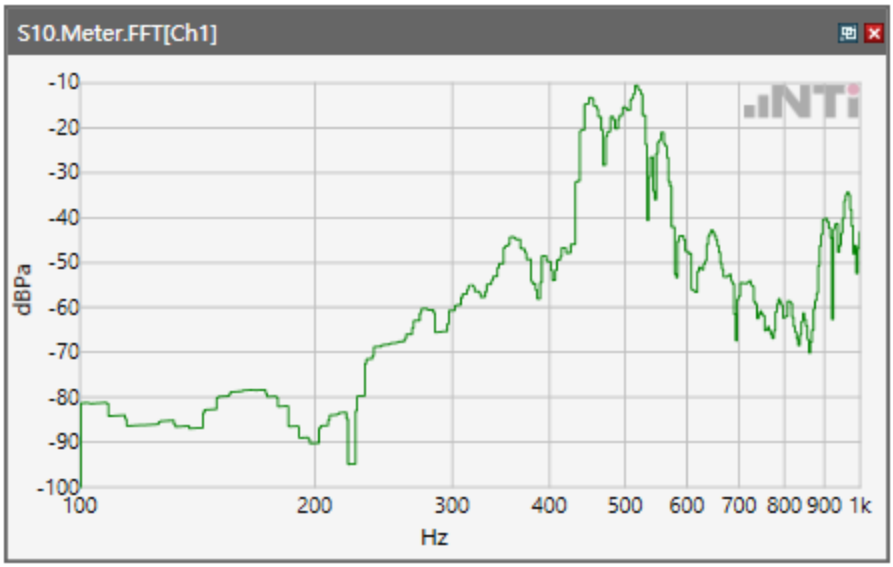
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



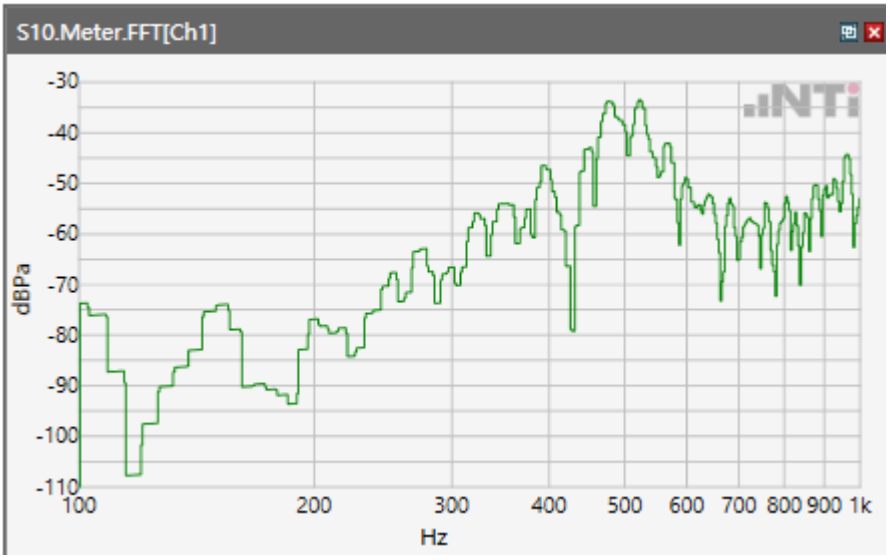
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



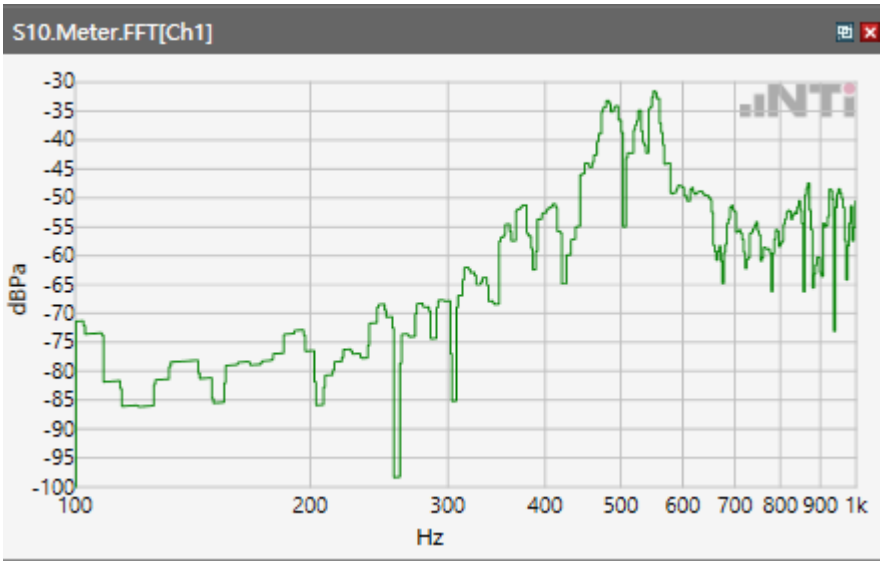
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



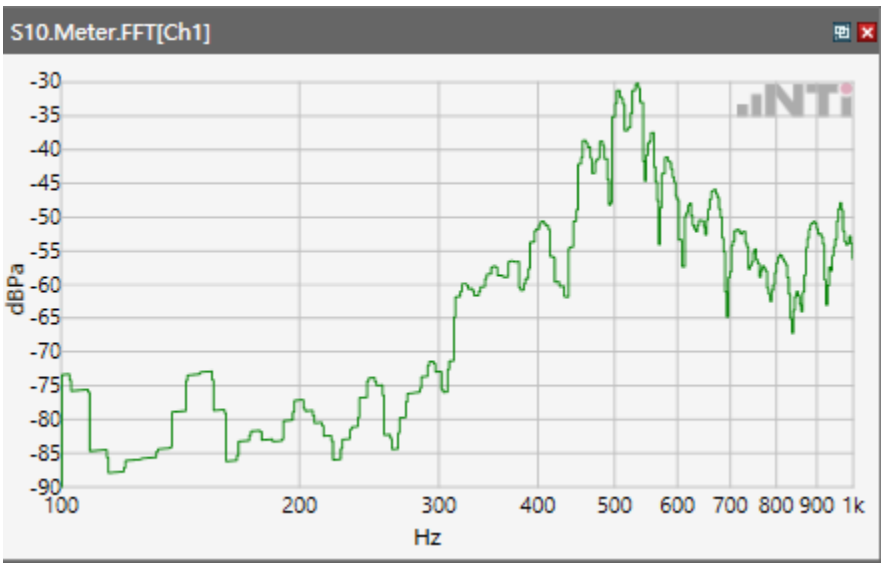
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



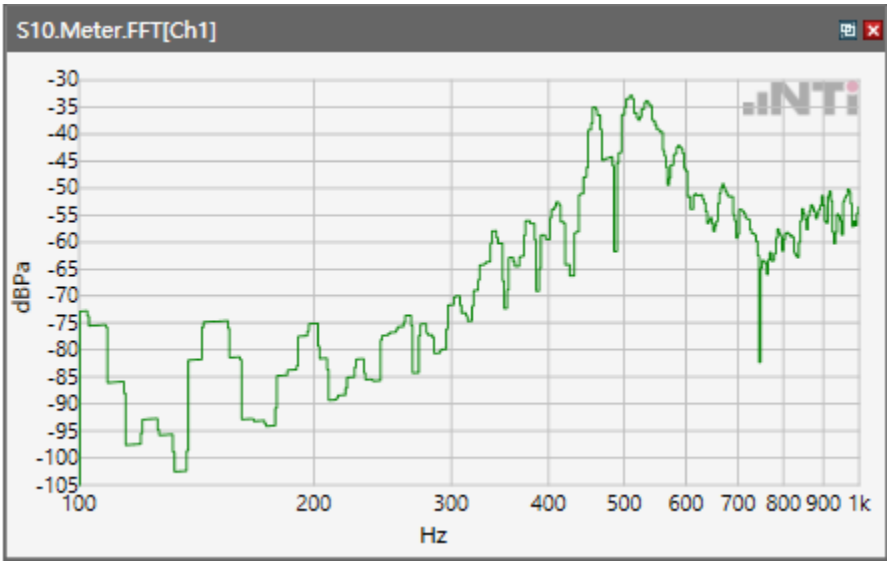
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



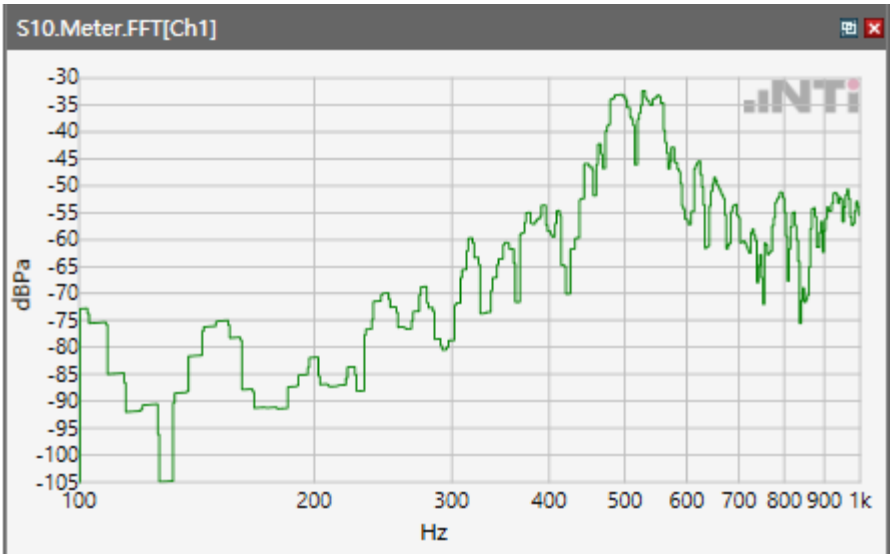
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

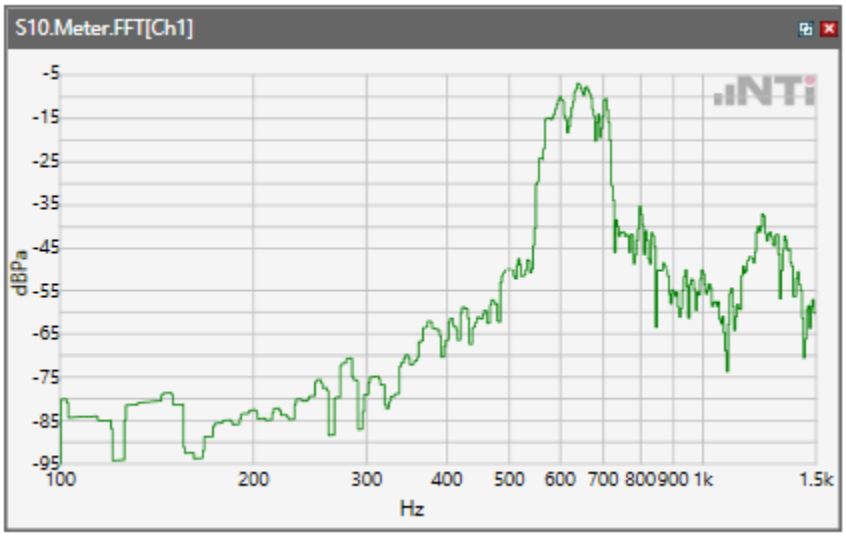


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

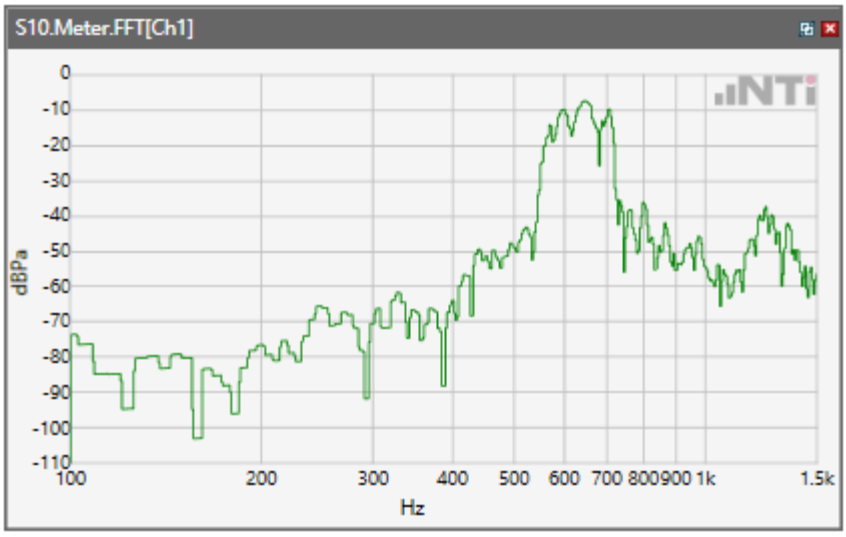


Receive path - distortion and noise 630Hz WB&NB

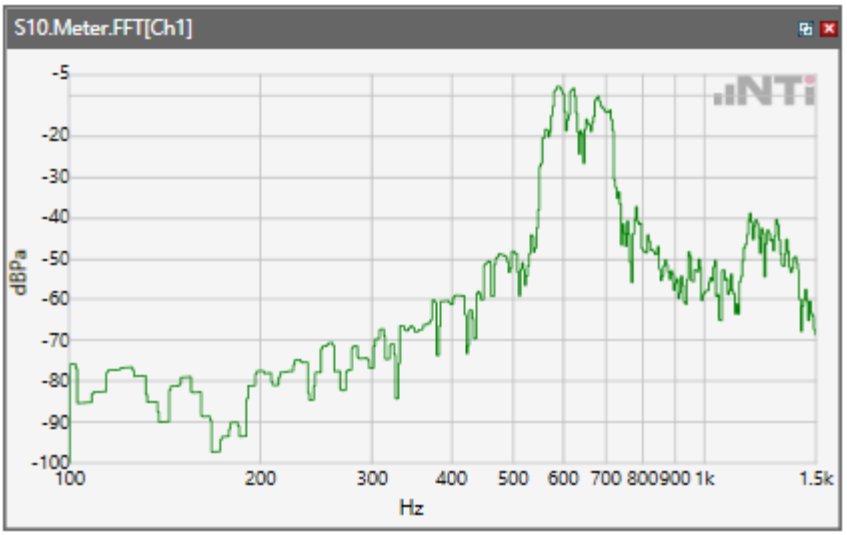
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



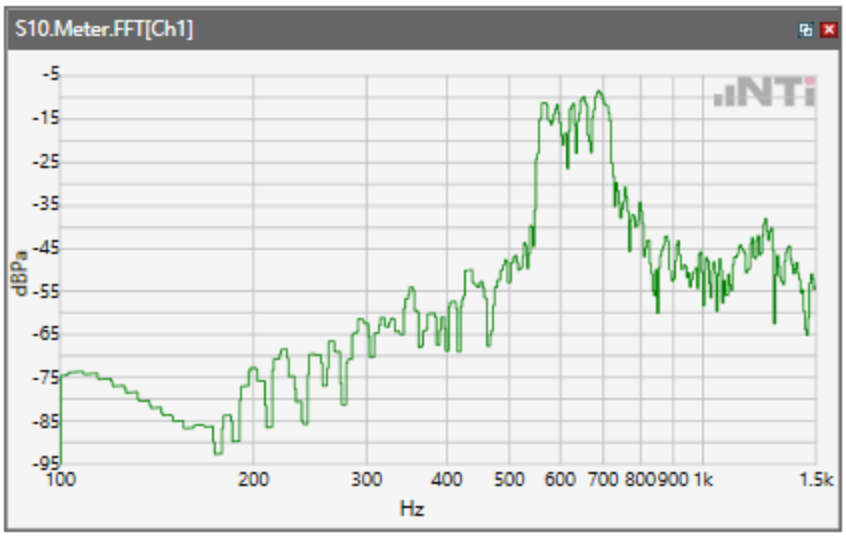
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



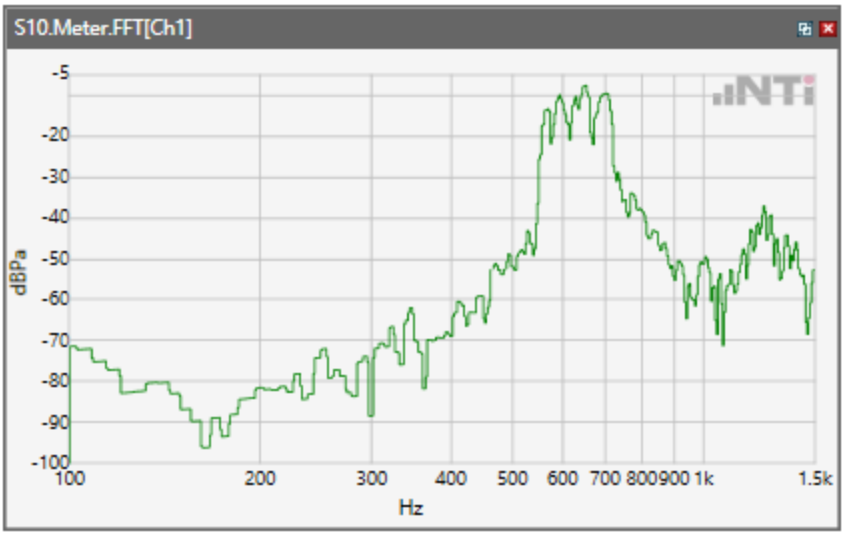
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



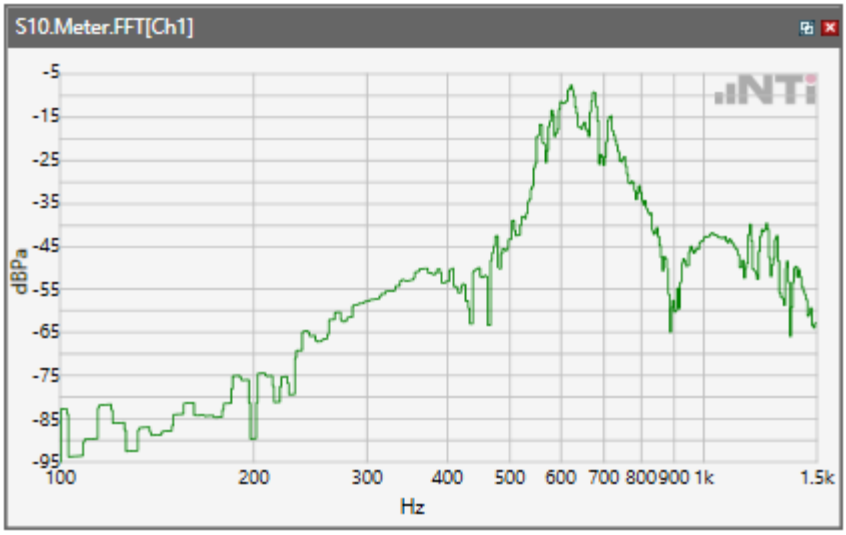
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



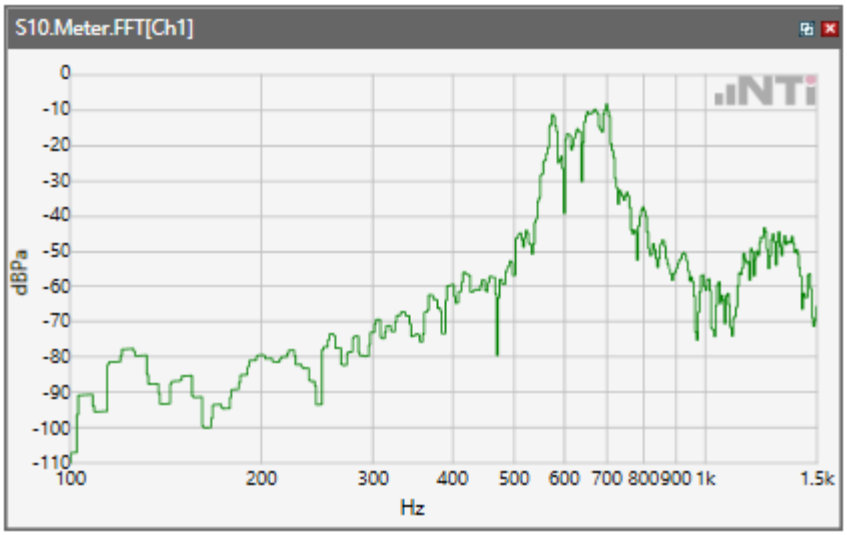
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



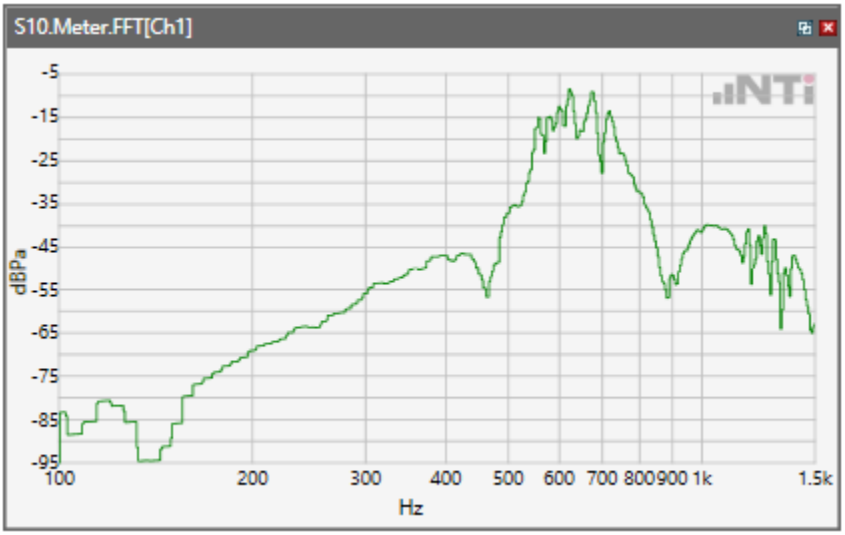
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



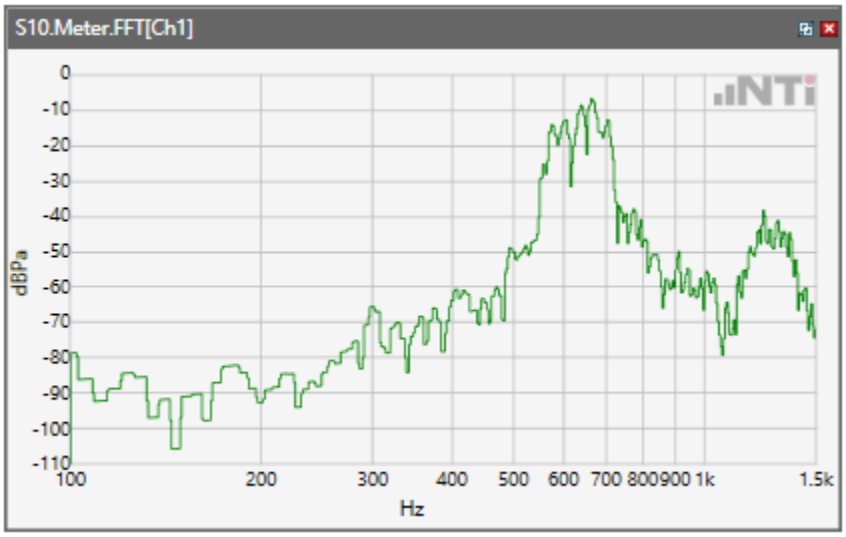
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



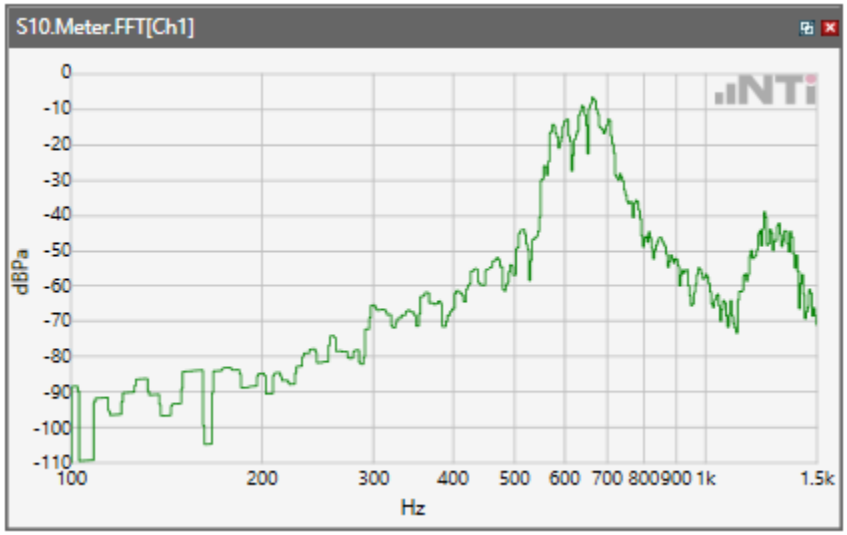
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



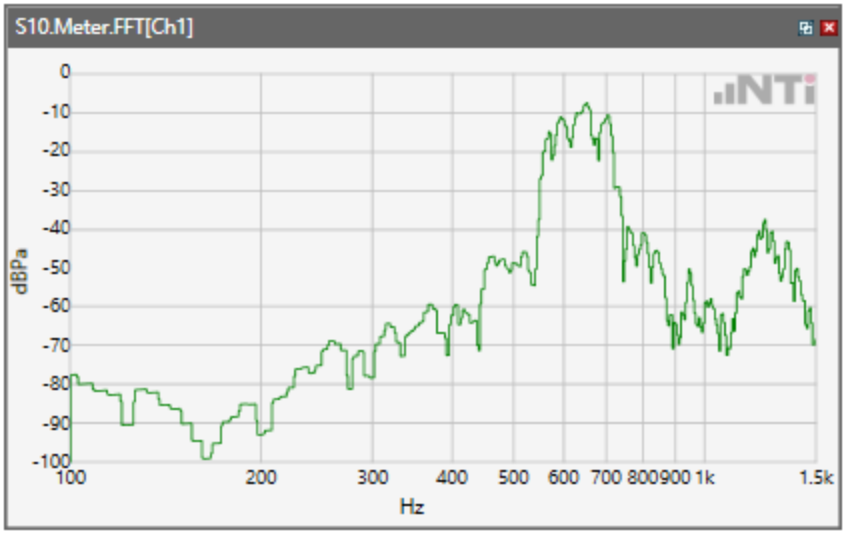
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



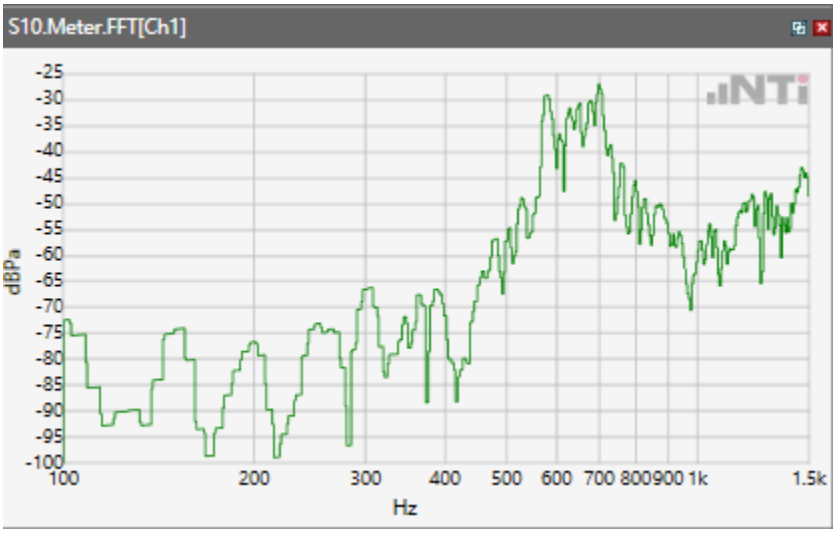
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



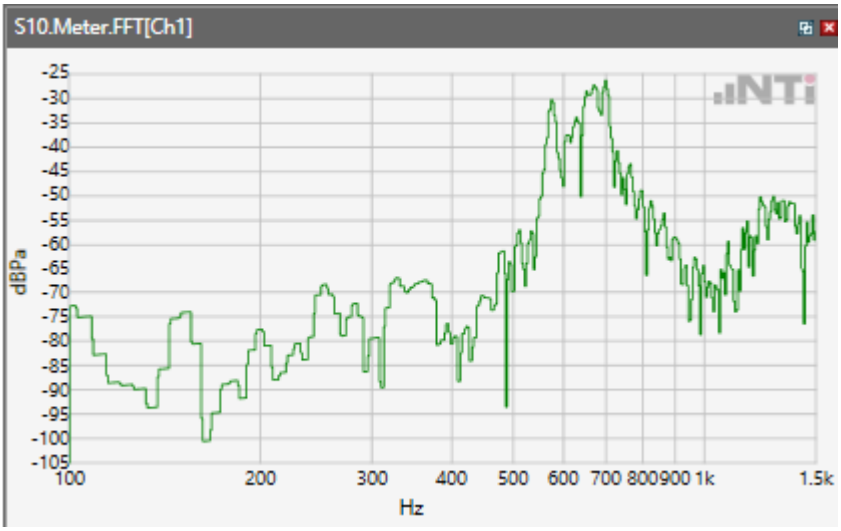
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



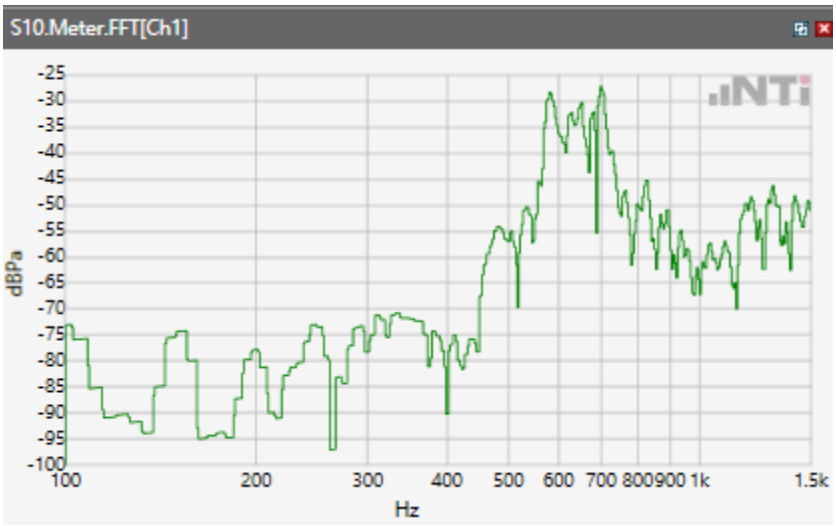
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



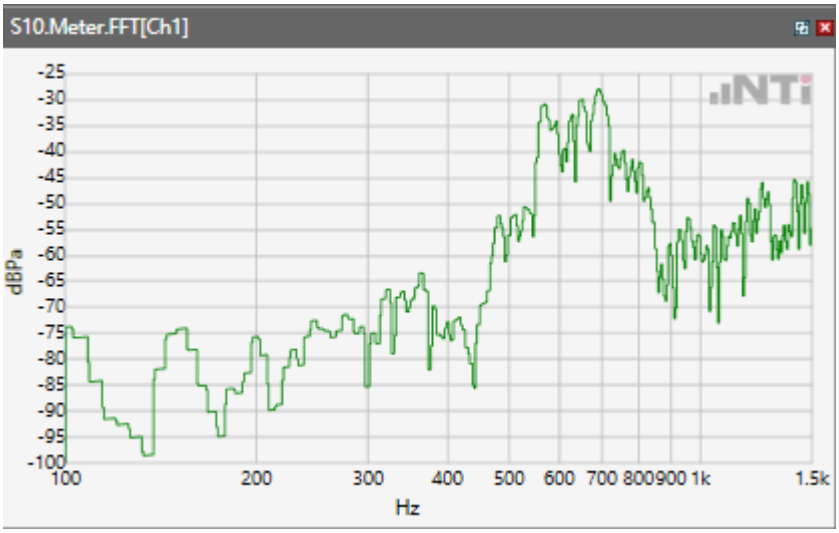
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



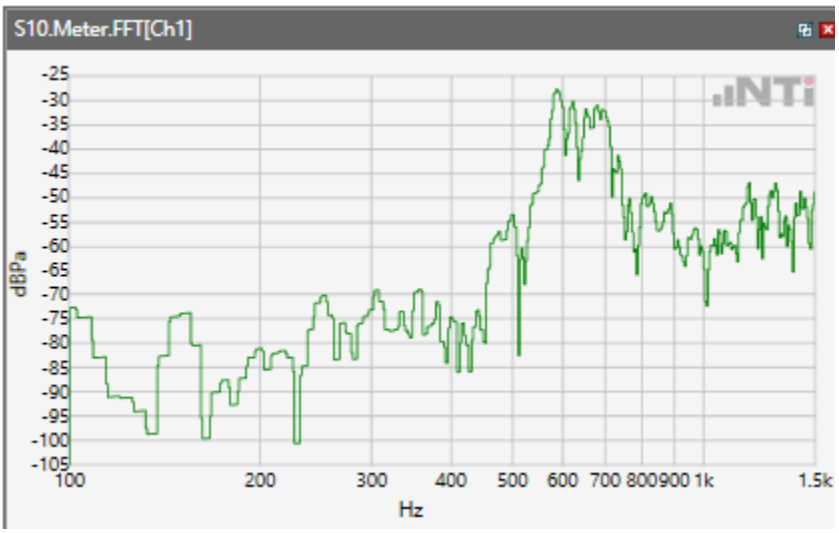
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

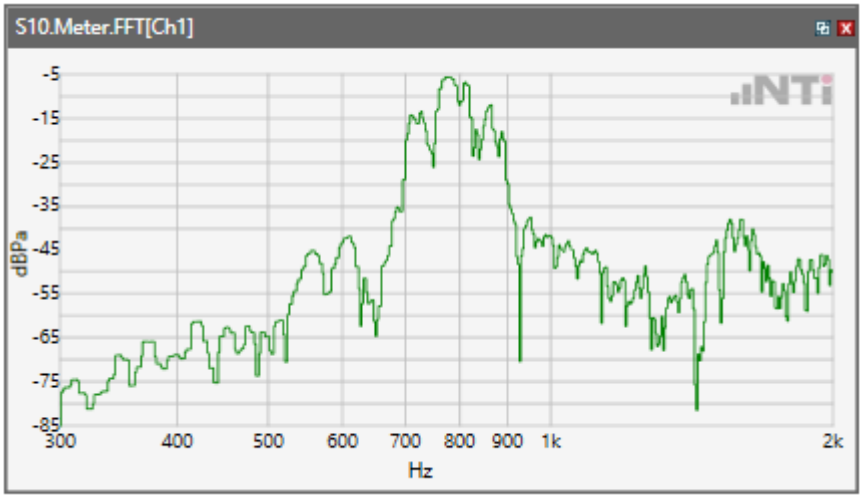


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

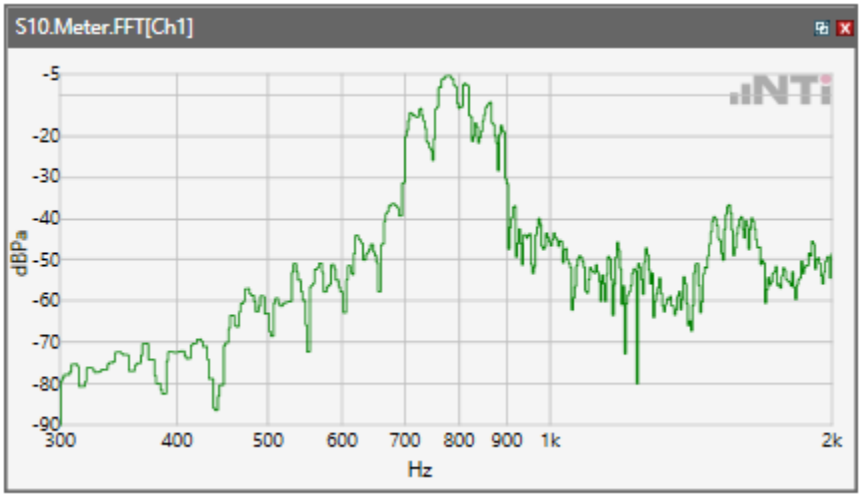


Receive path - distortion and noise 800Hz WB&NB

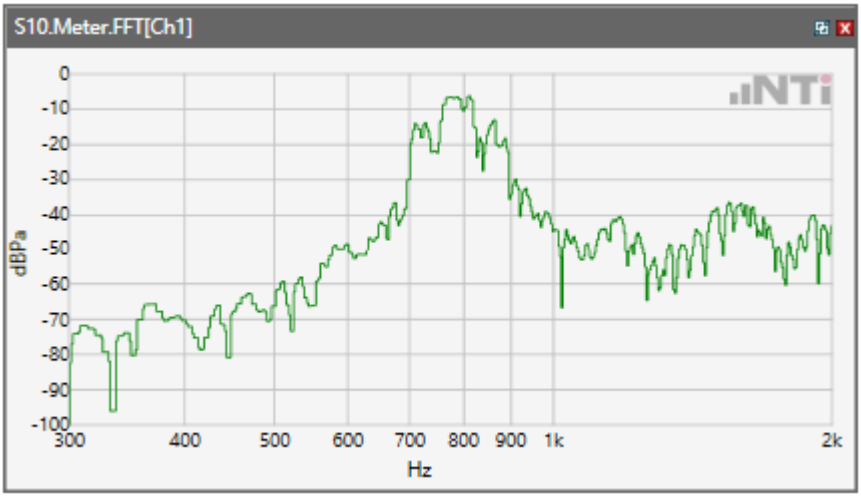
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



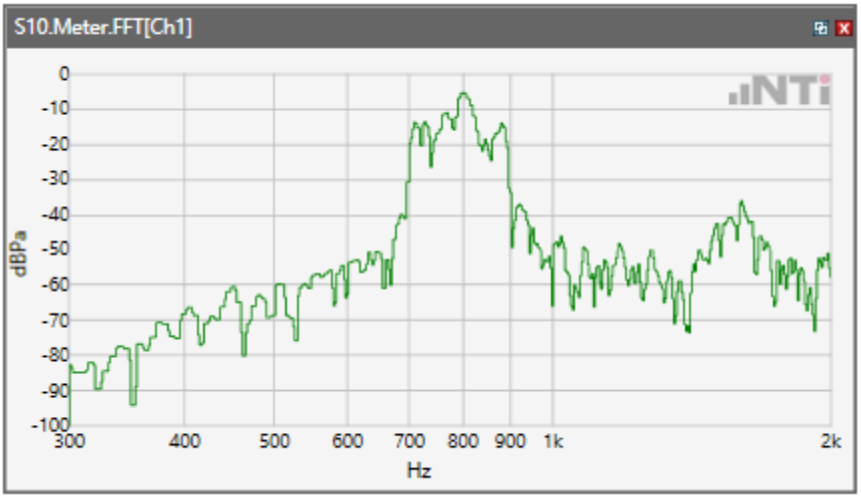
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



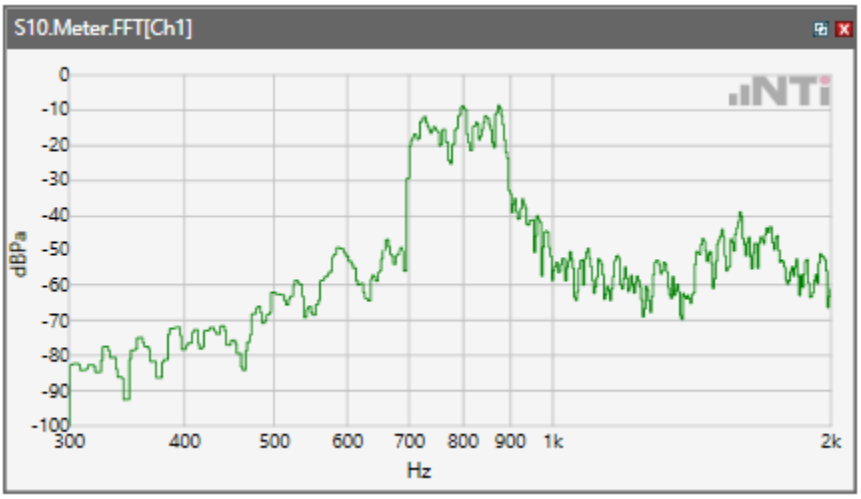
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



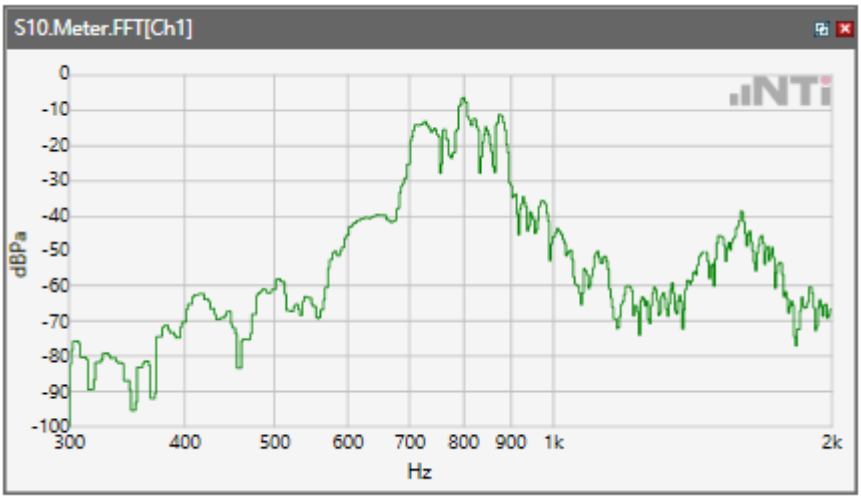
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



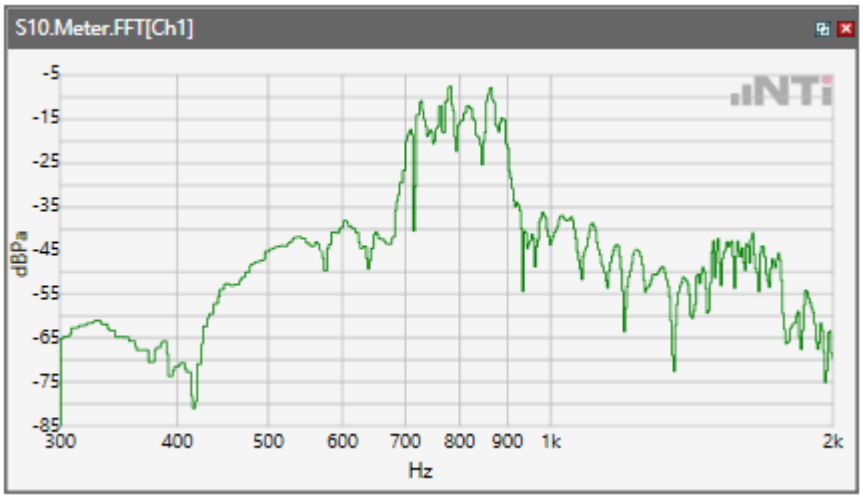
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



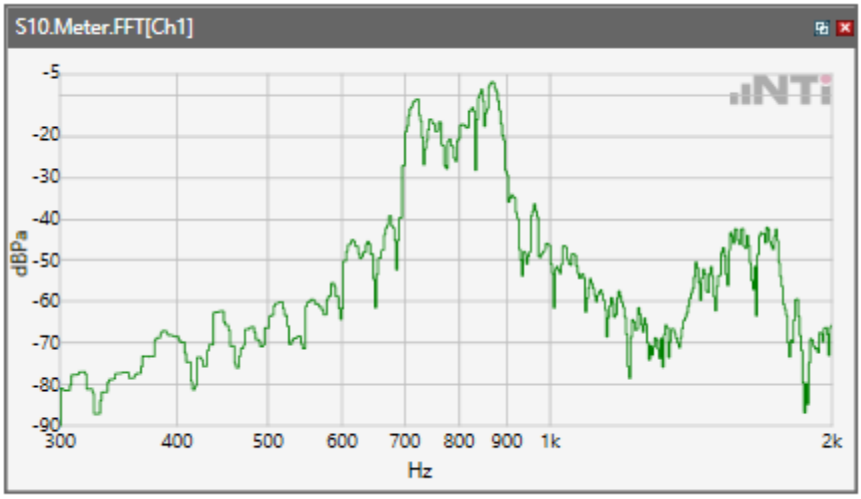
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



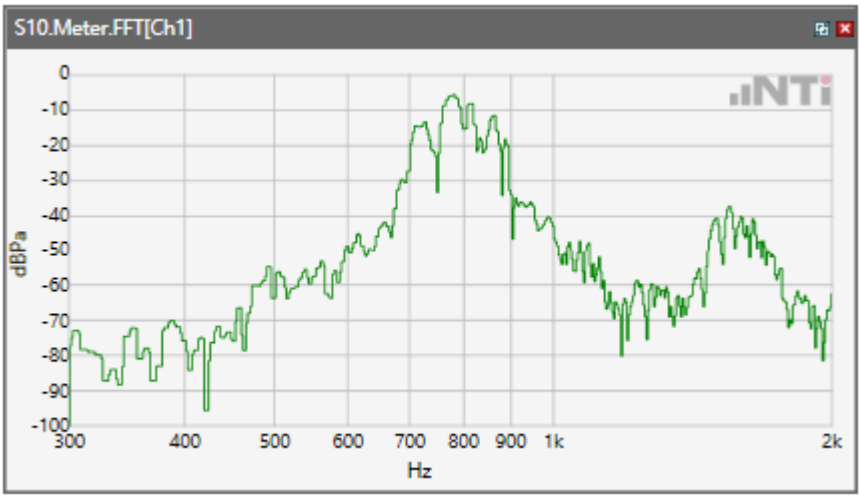
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



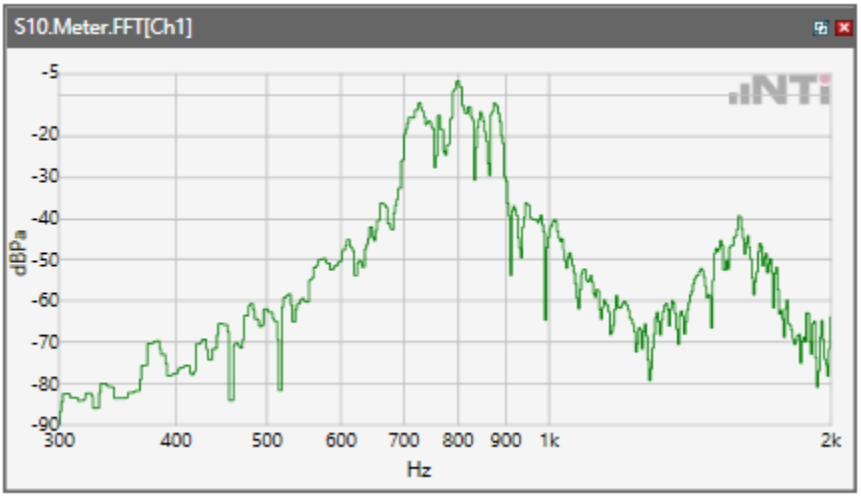
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



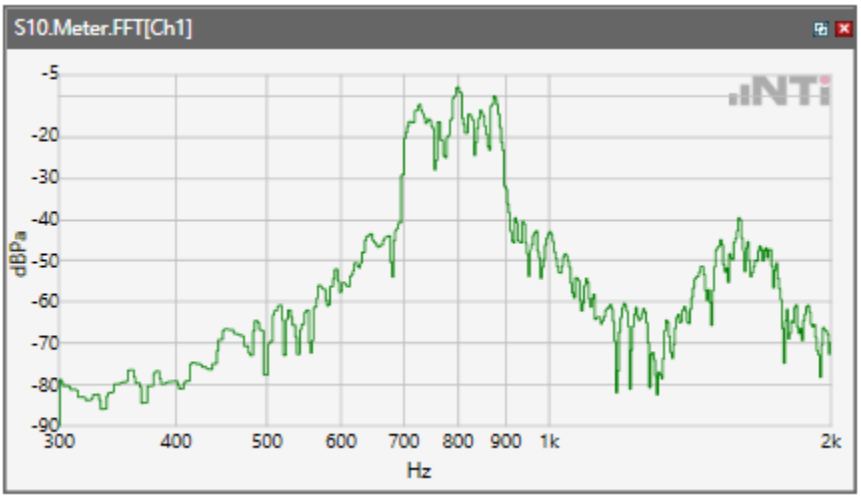
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



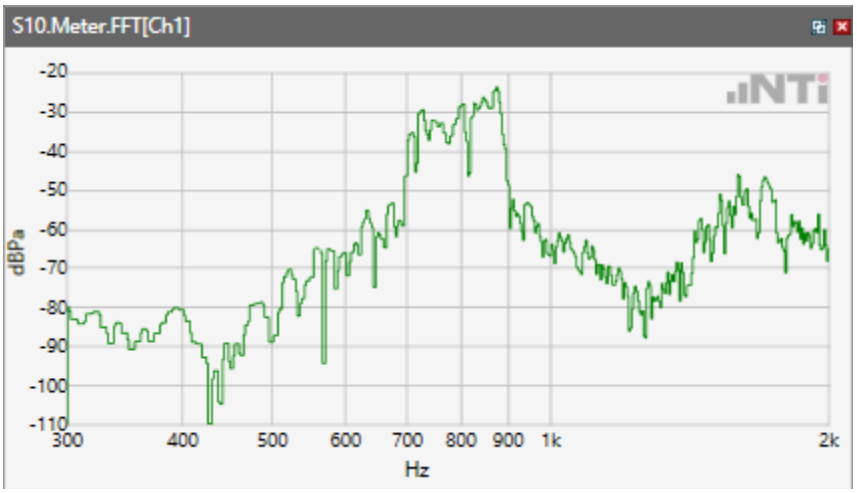
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



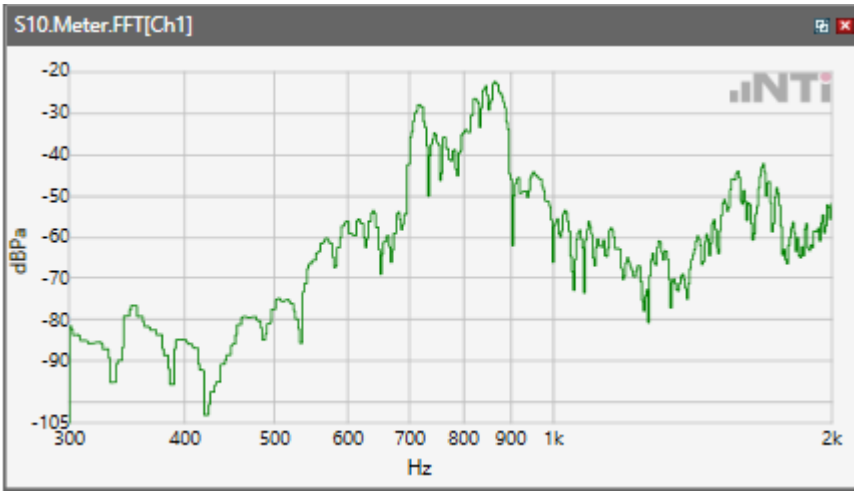
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



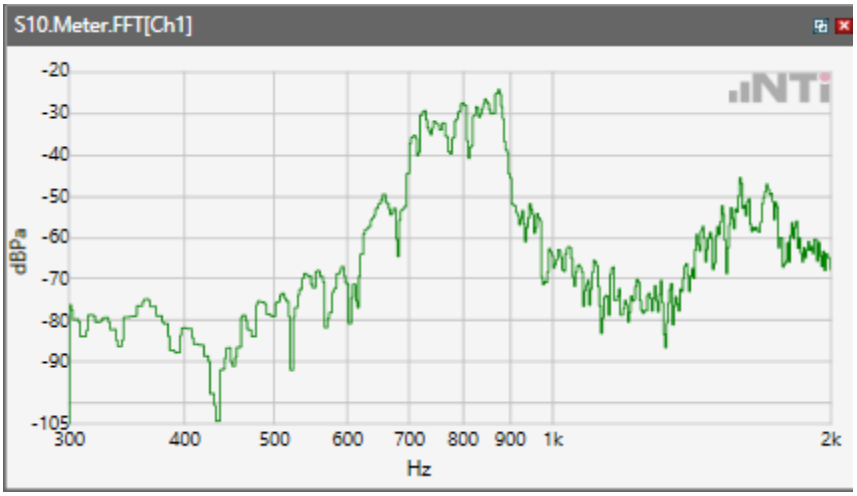
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



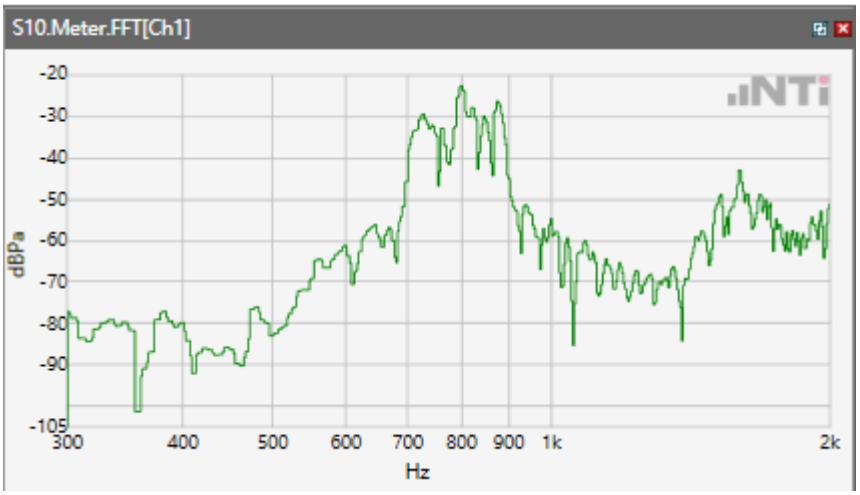
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



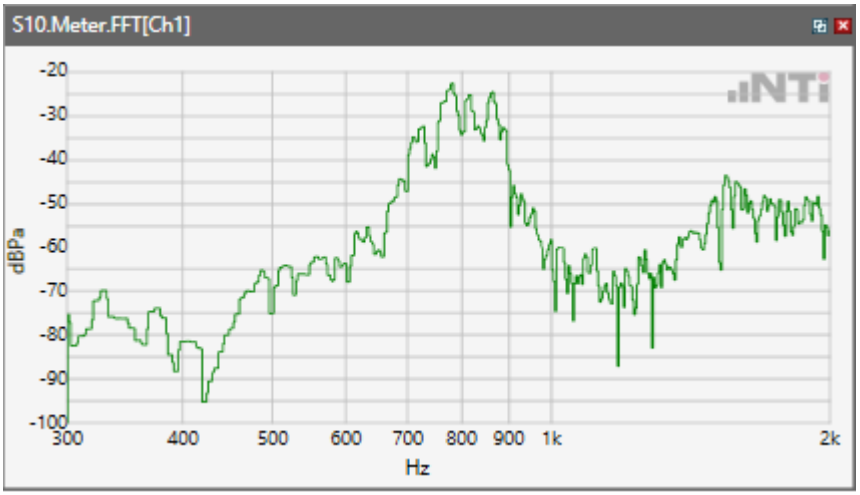
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

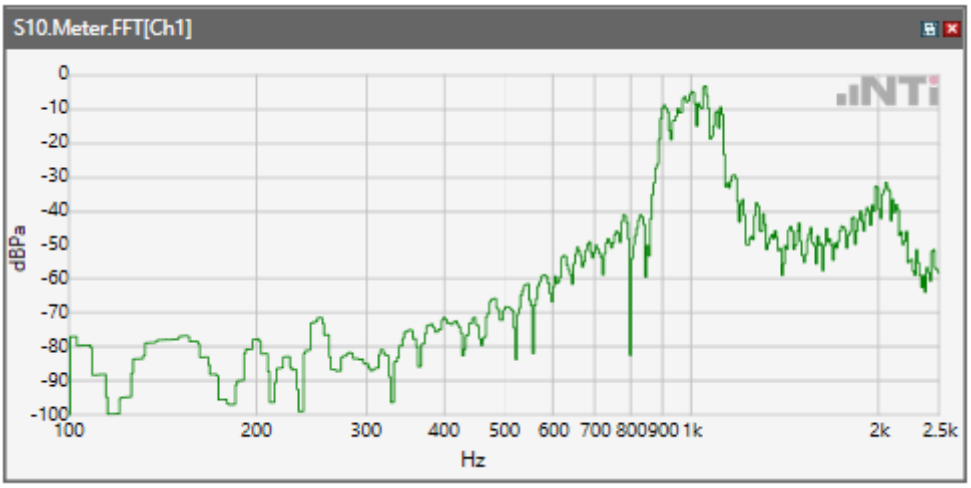


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

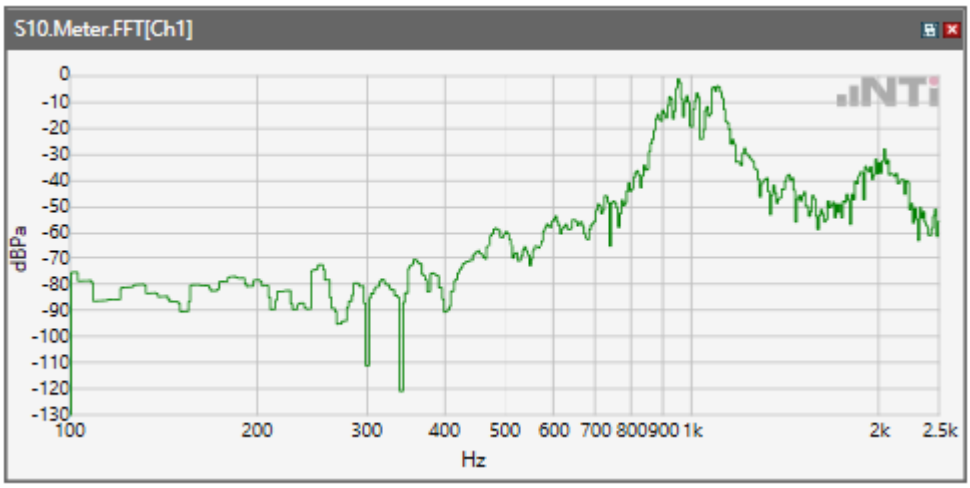


Receive path - distortion and noise 1000Hz WB&NB

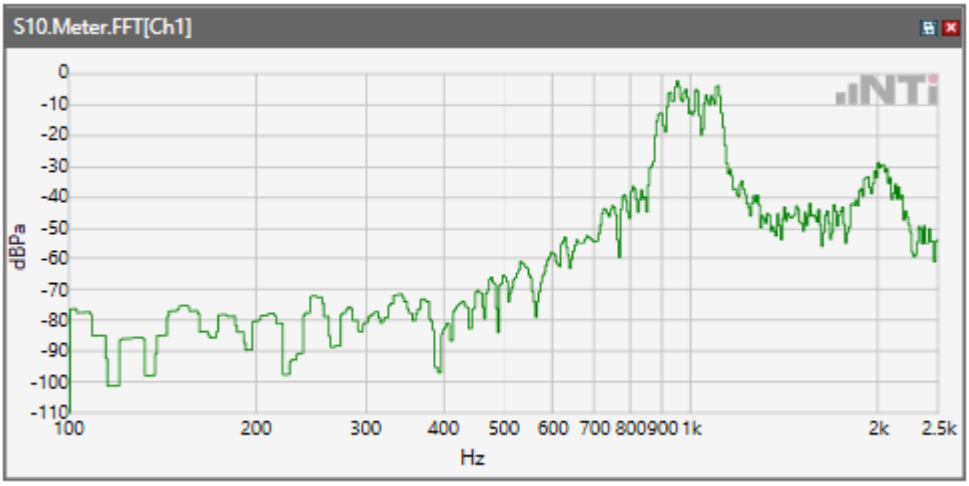
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



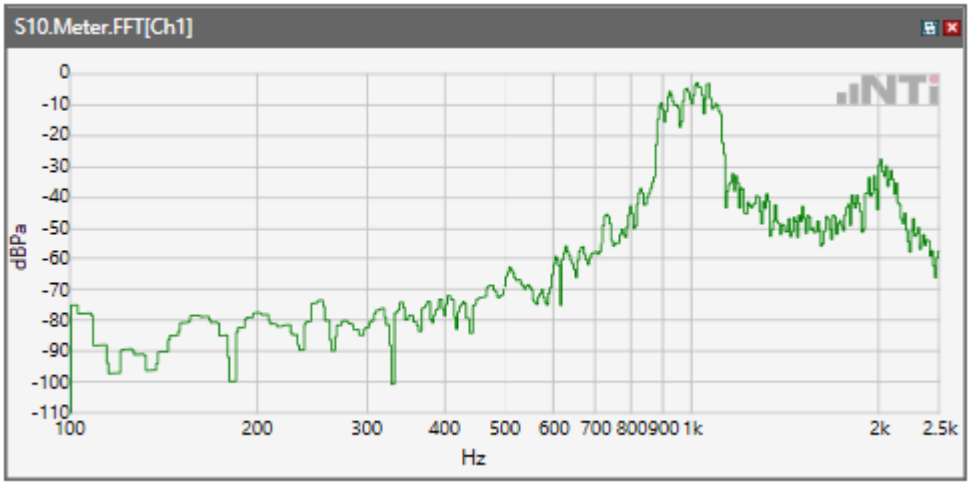
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



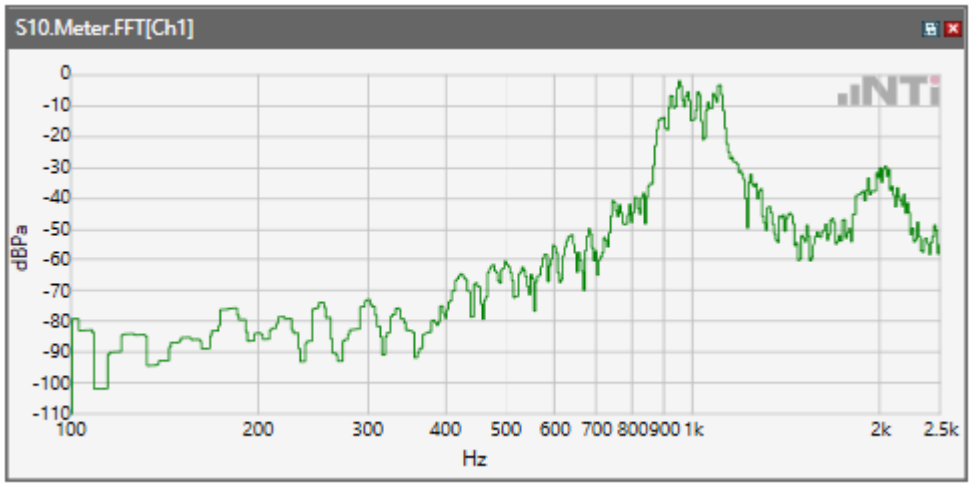
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



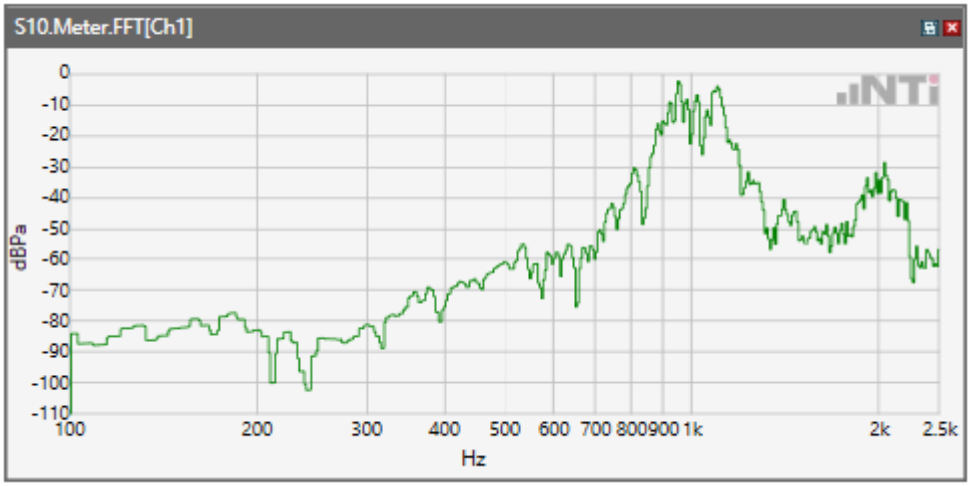
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



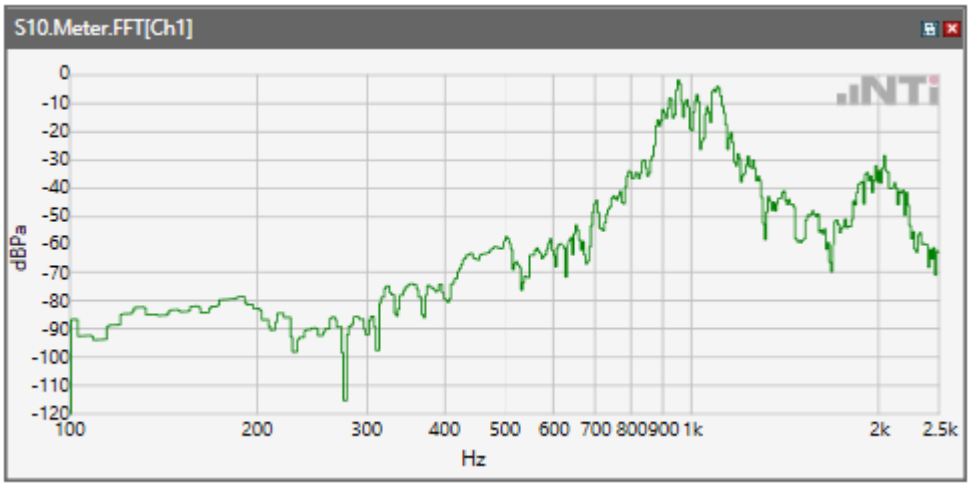
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



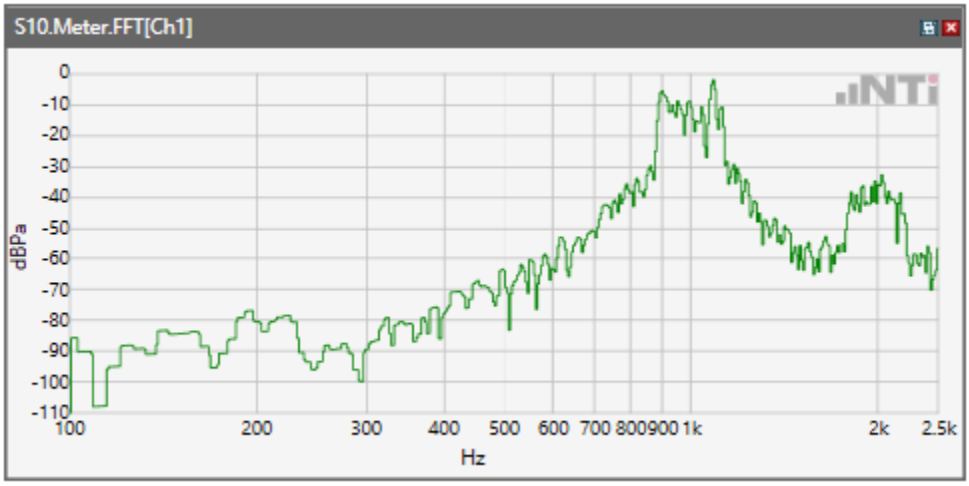
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



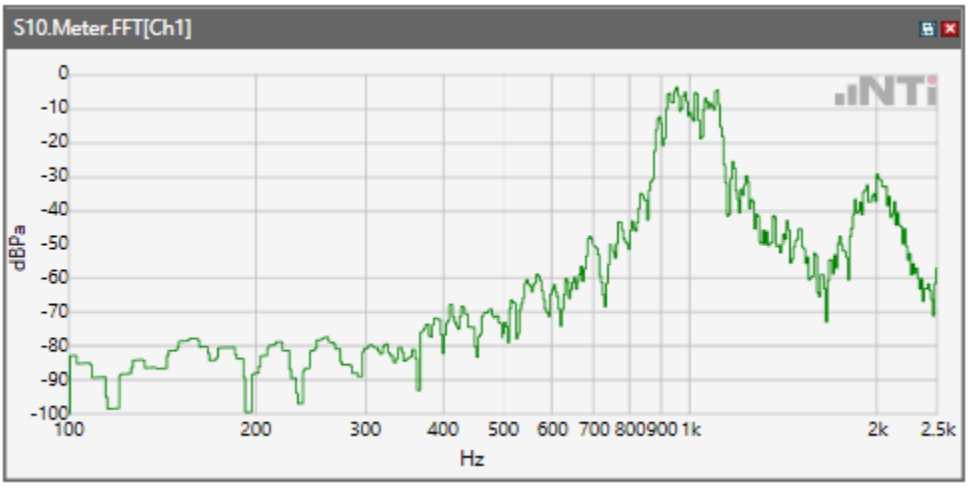
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



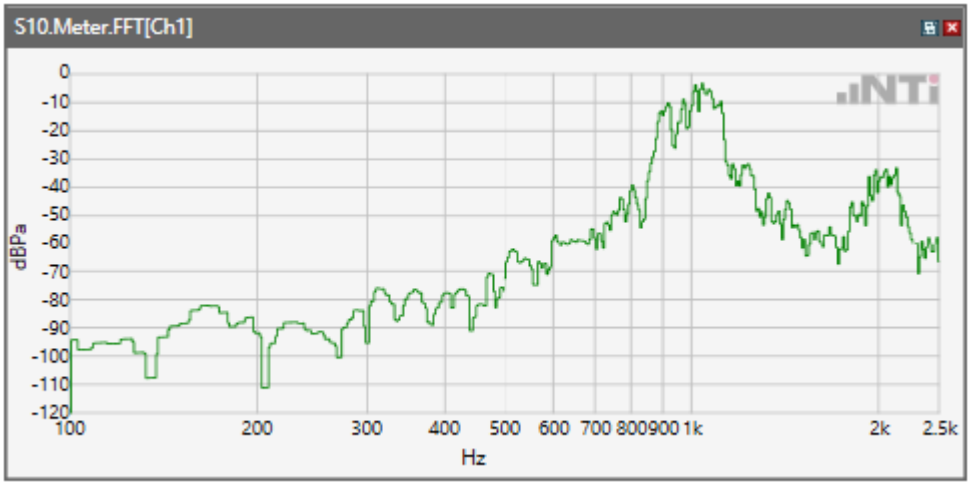
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



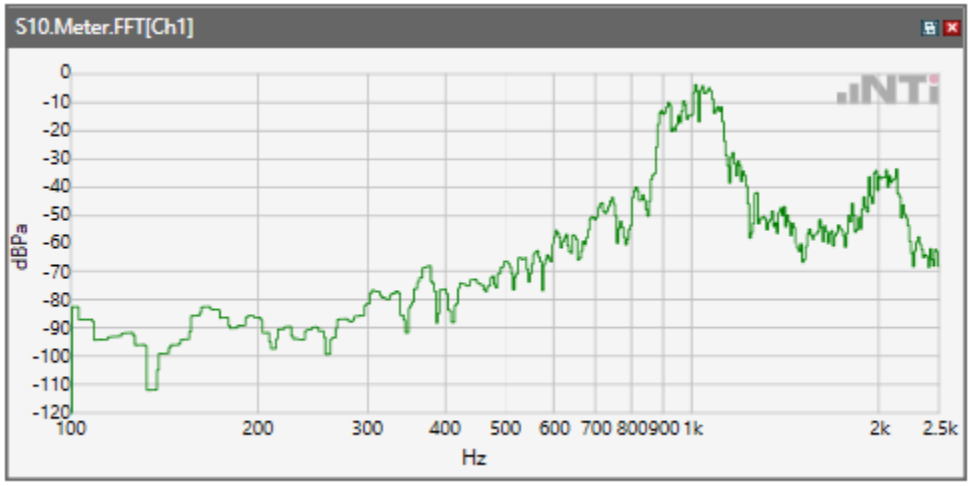
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



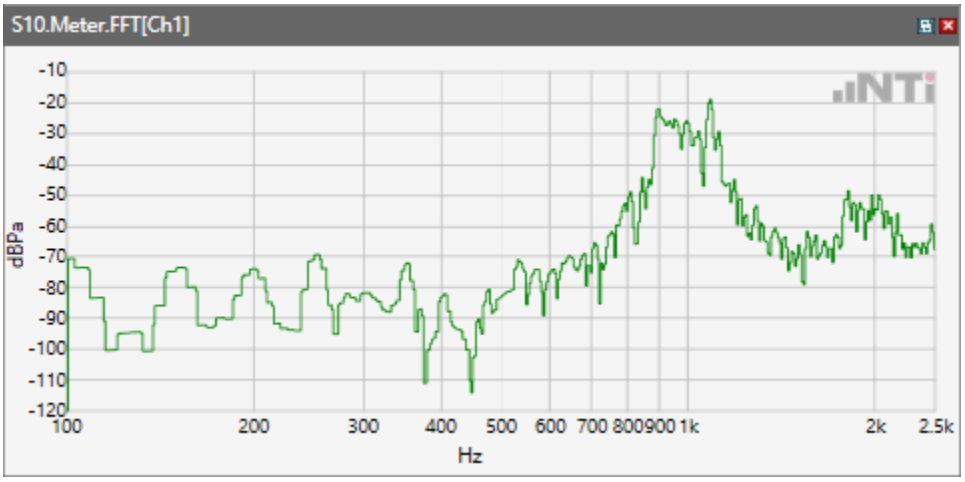
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



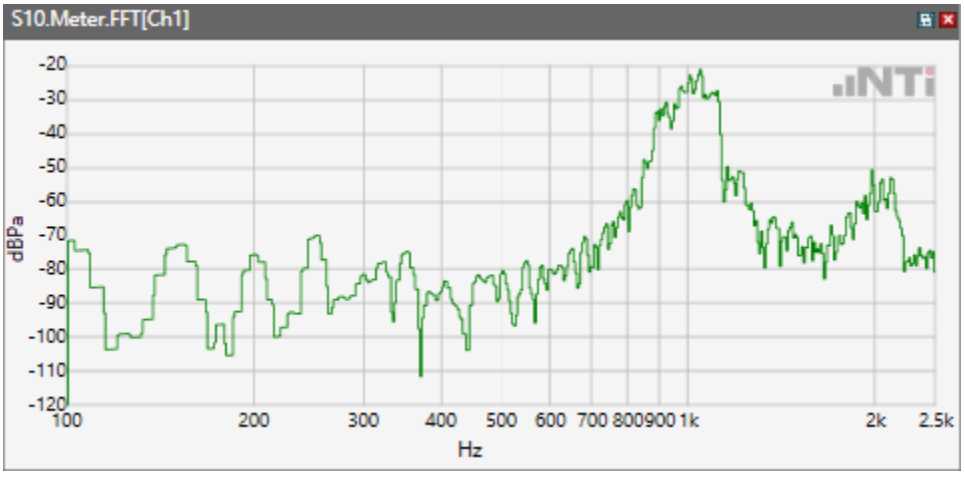
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



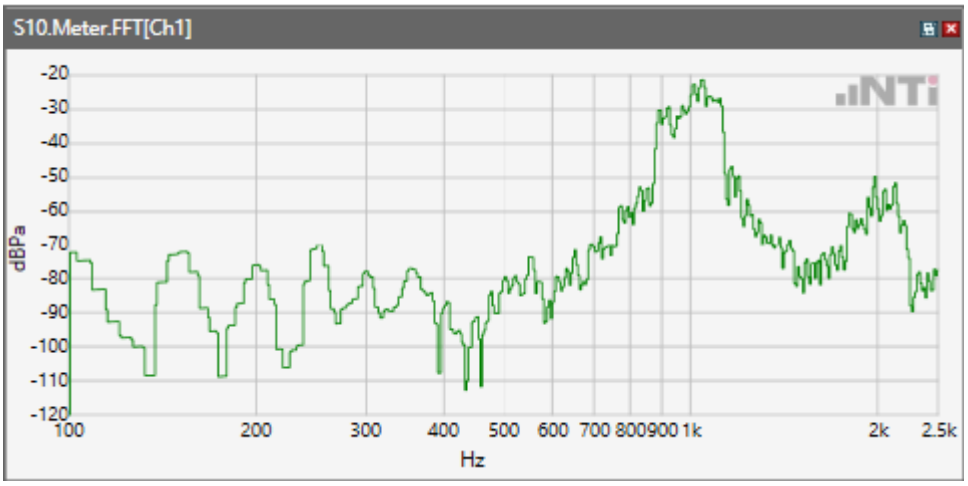
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



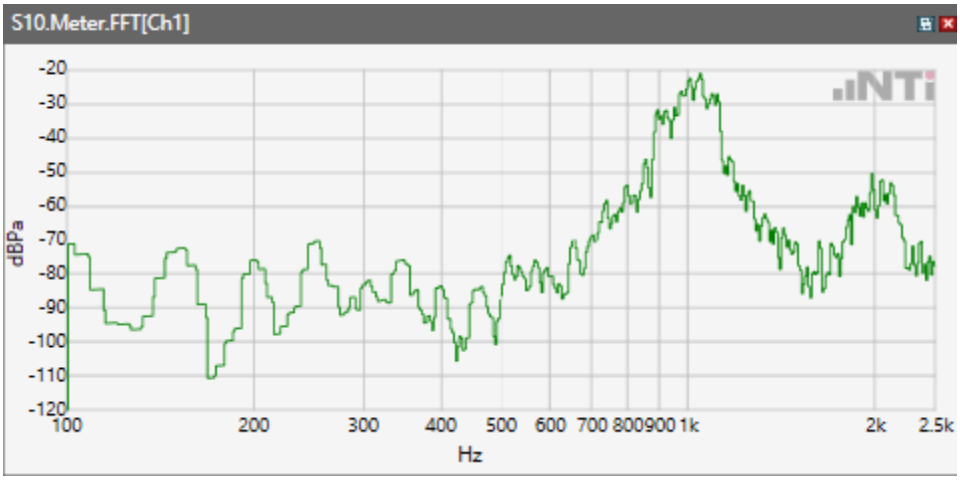
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



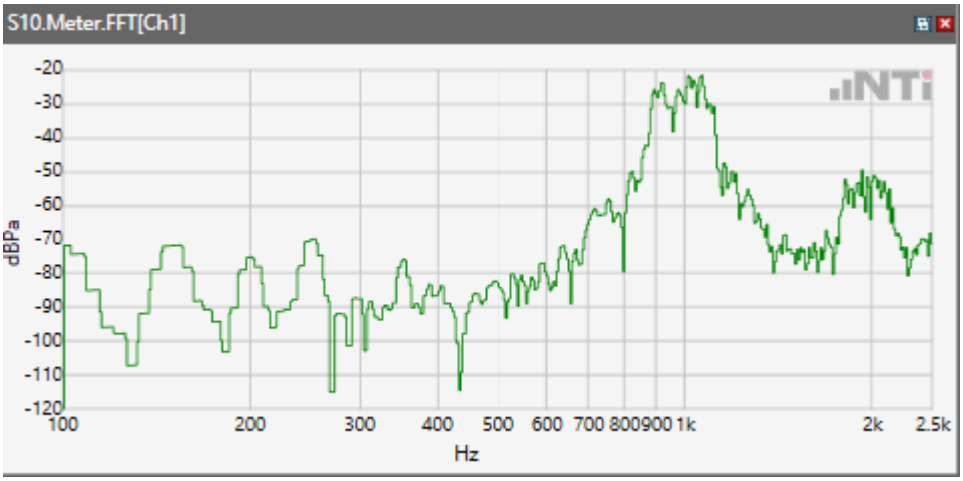
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

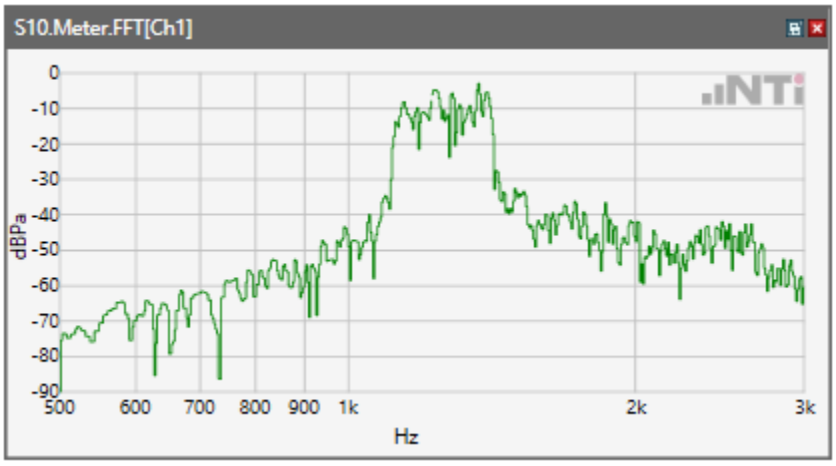


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

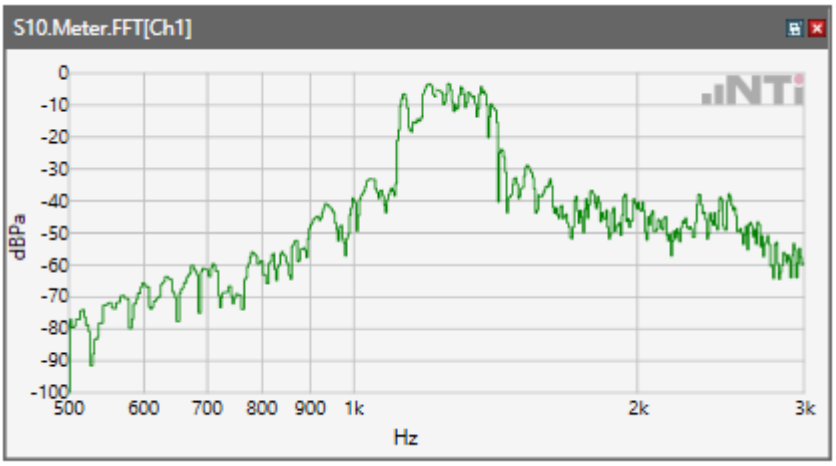


Receive path - distortion and noise 1250Hz WB&NB

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850

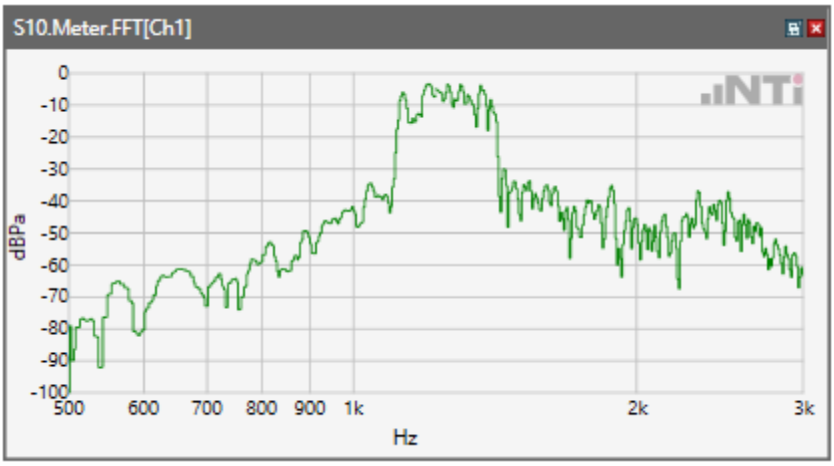


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900

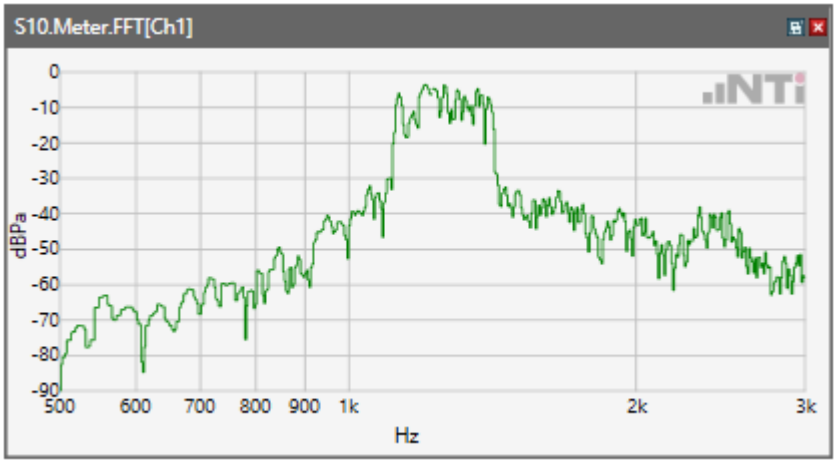


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II

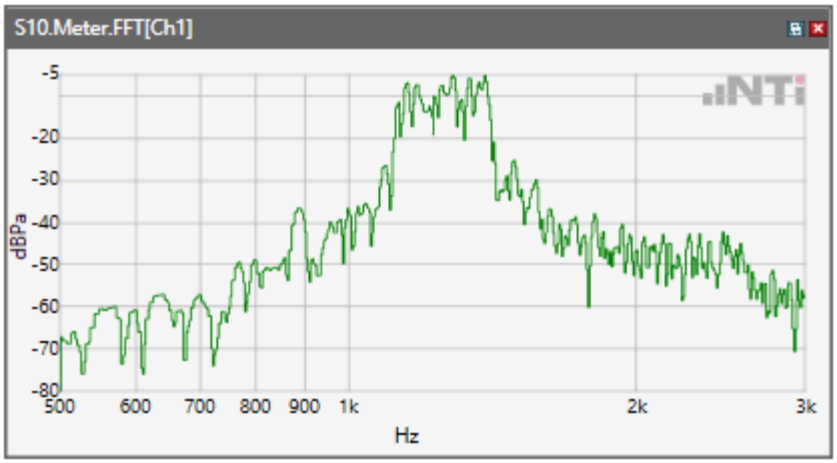
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



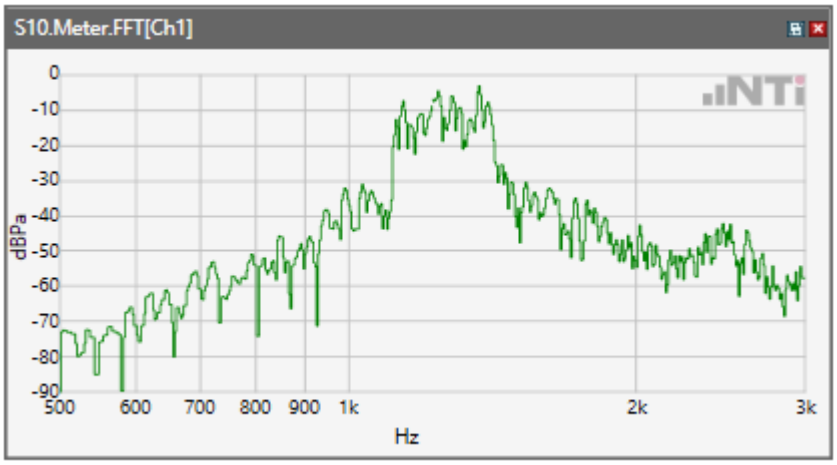
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



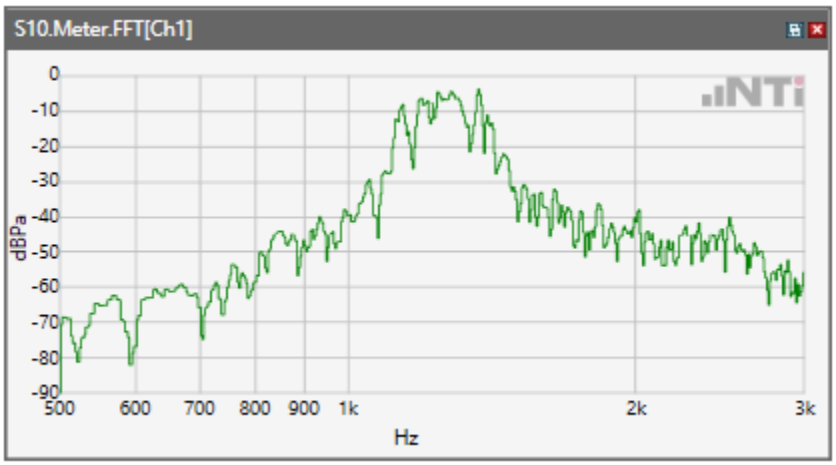
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



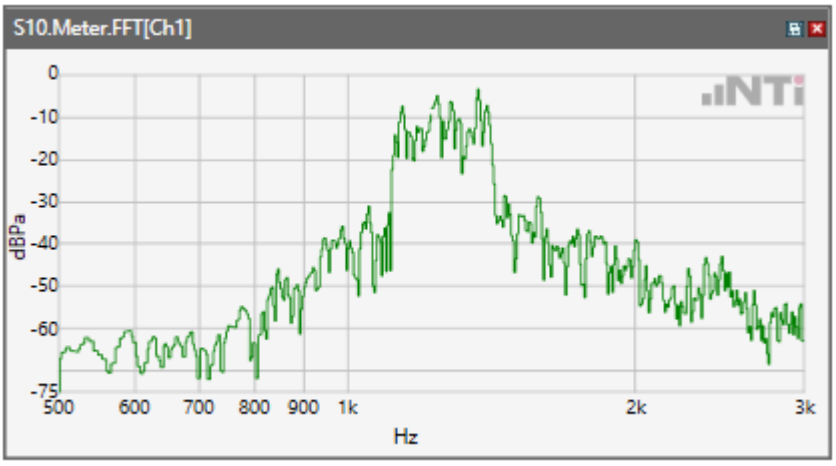
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



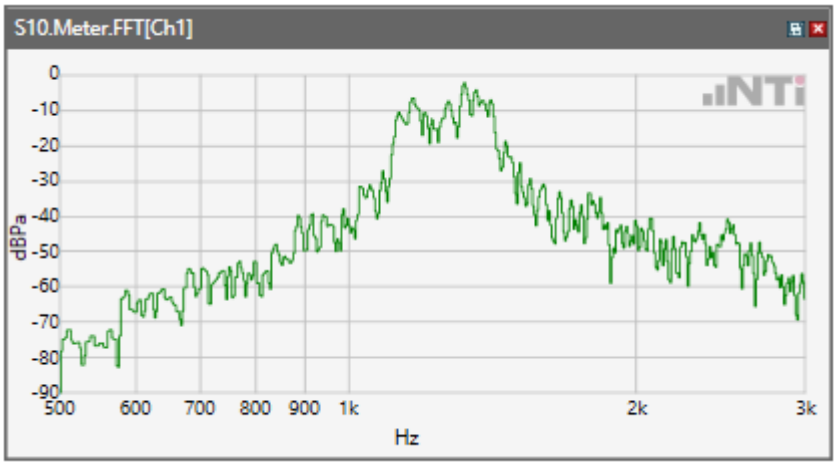
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



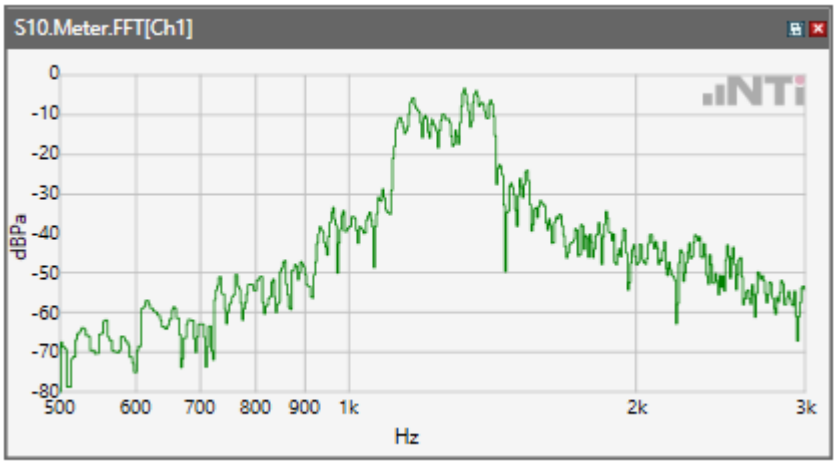
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



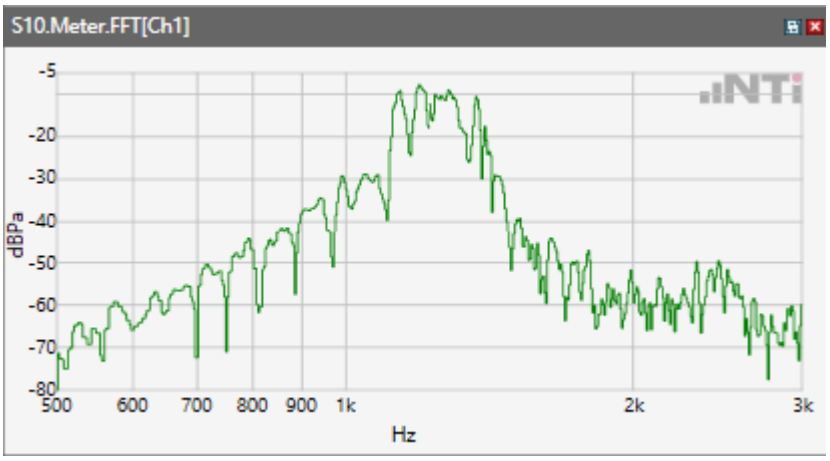
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



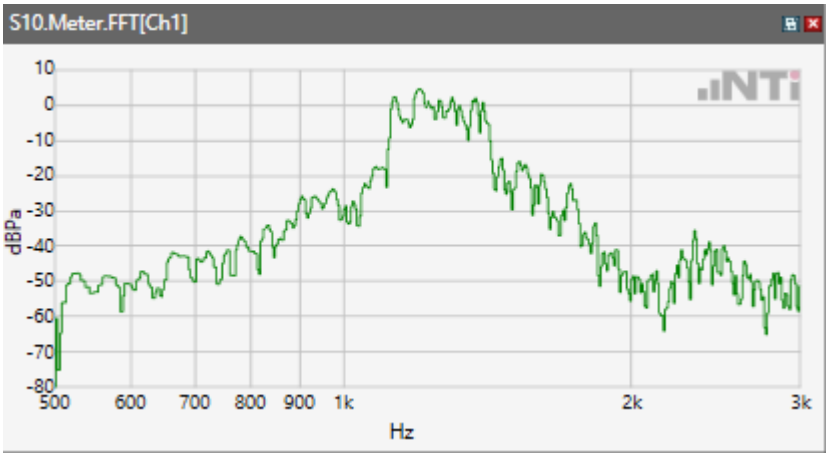
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



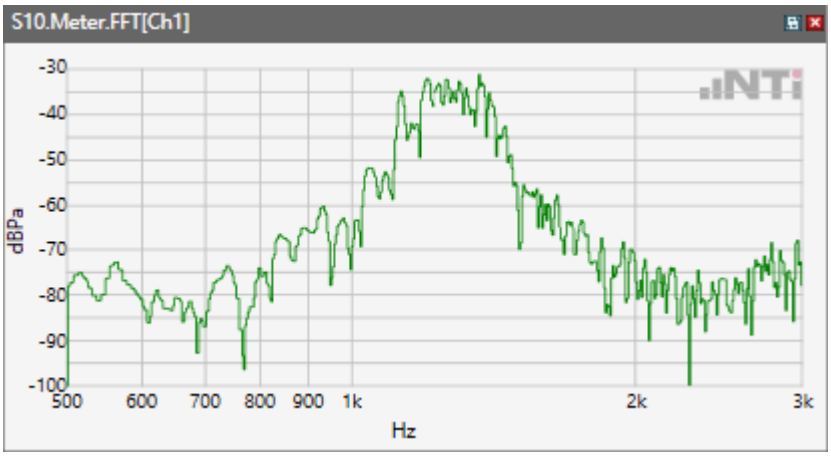
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



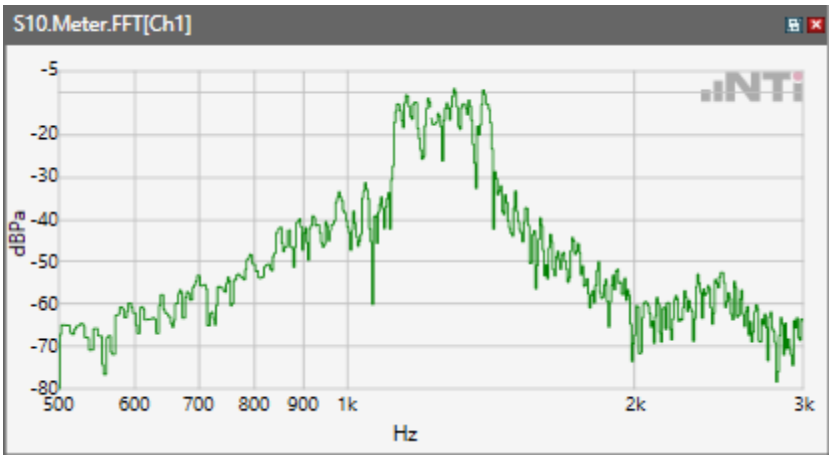
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



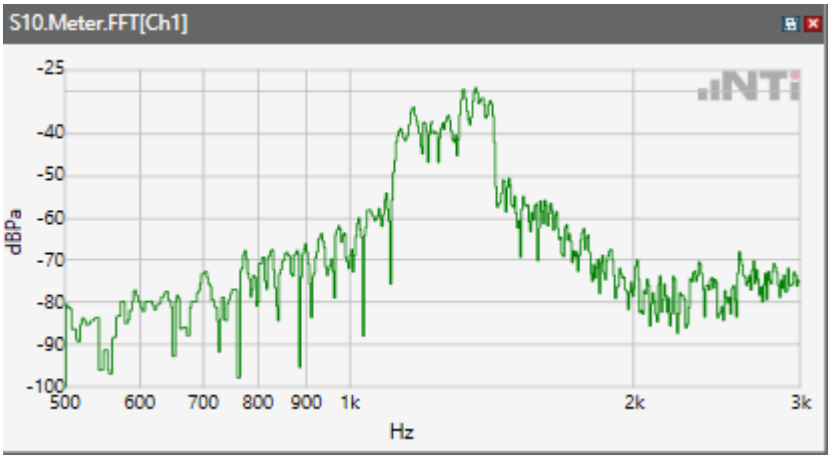
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

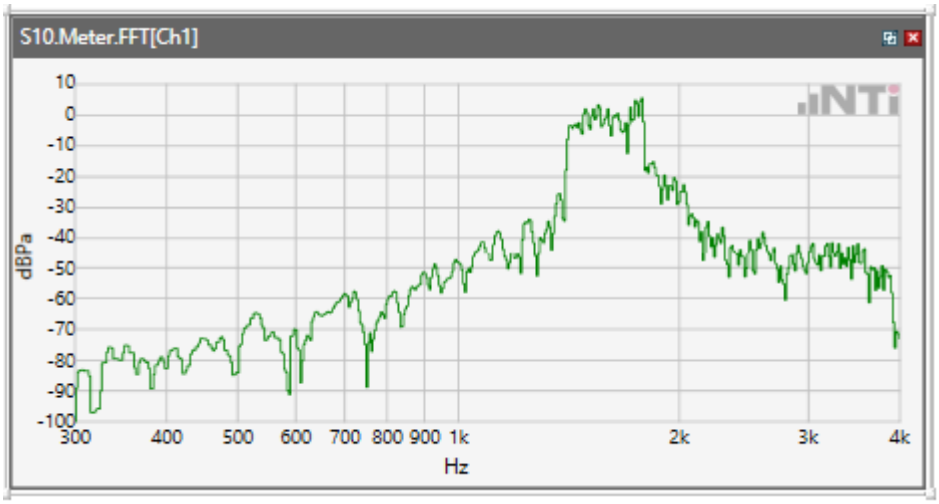


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

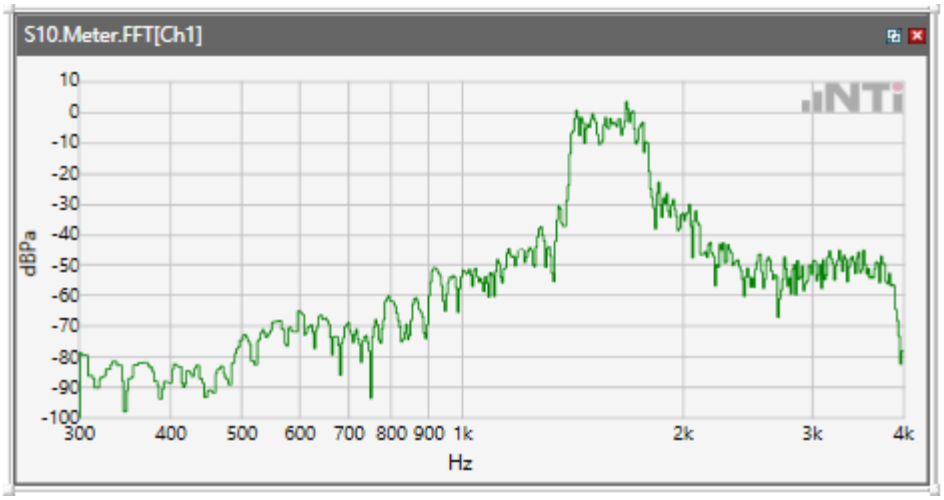


Receive path - distortion and noise 1600Hz WB&NB

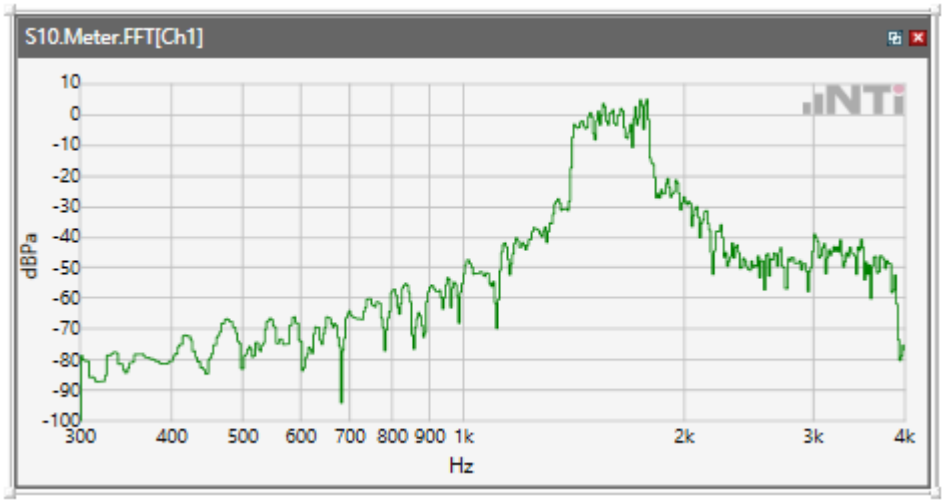
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



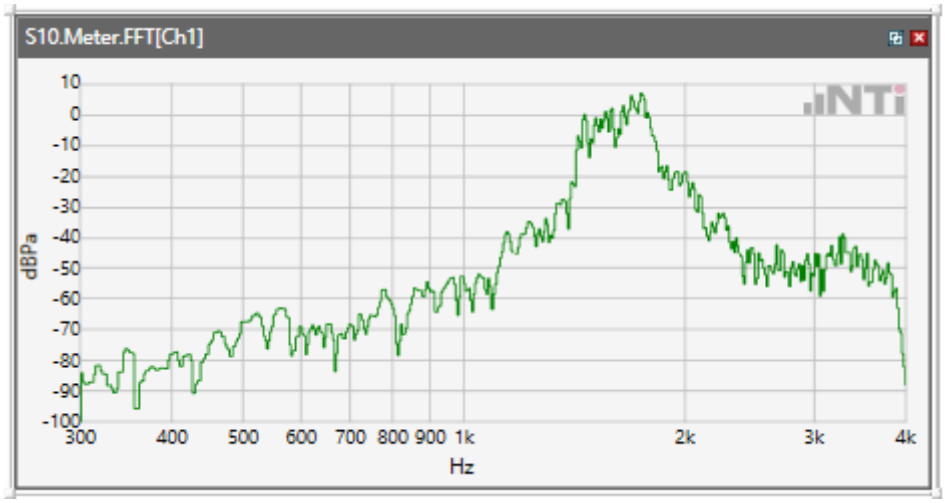
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



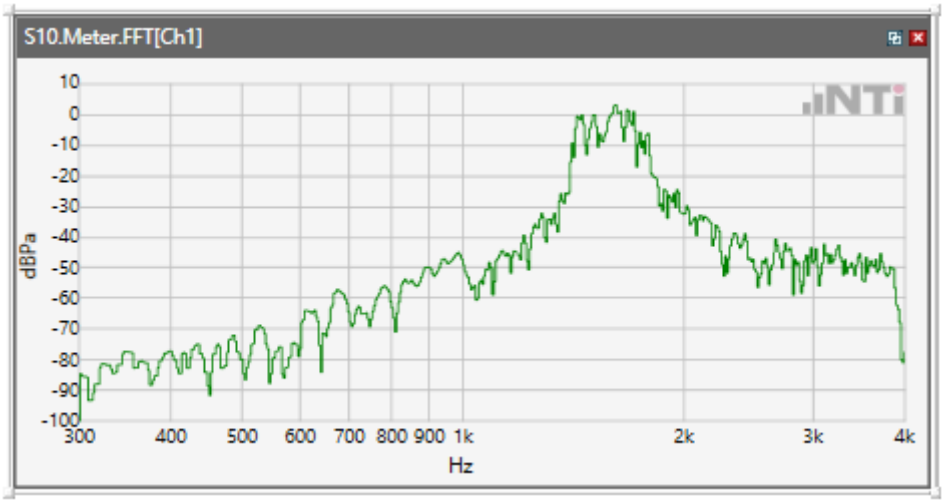
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



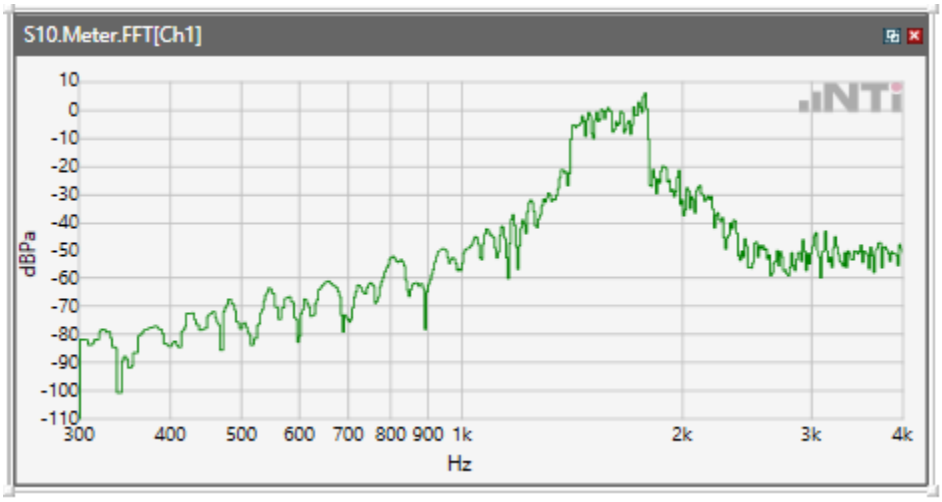
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



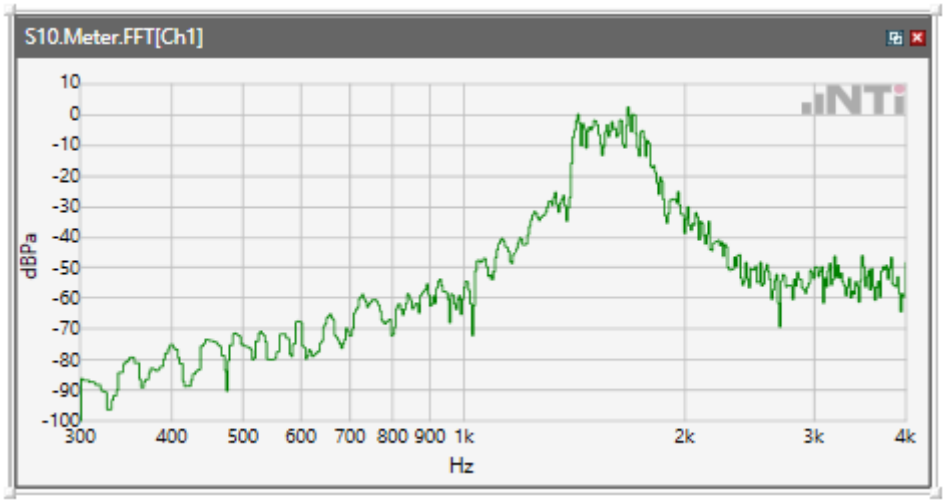
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



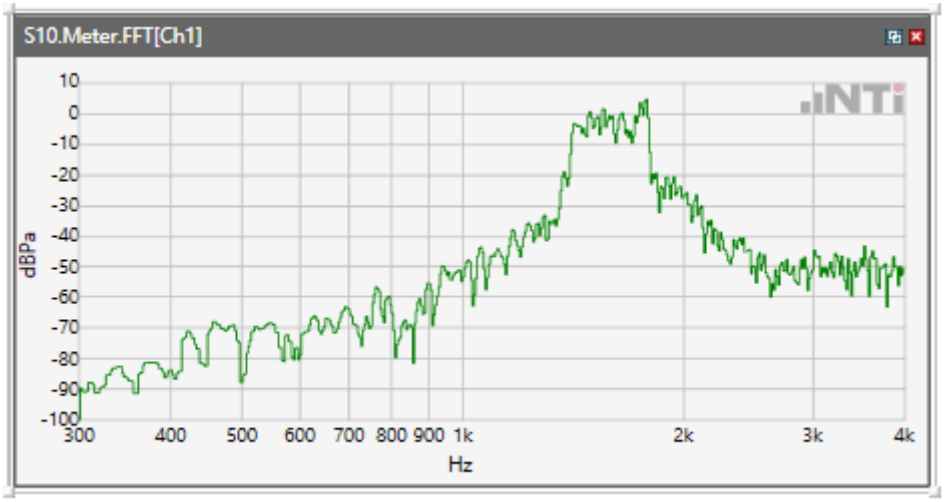
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



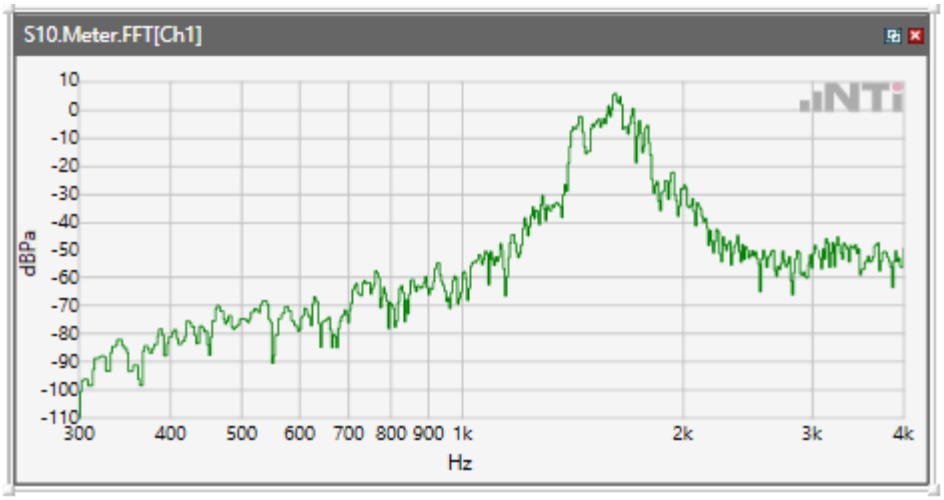
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



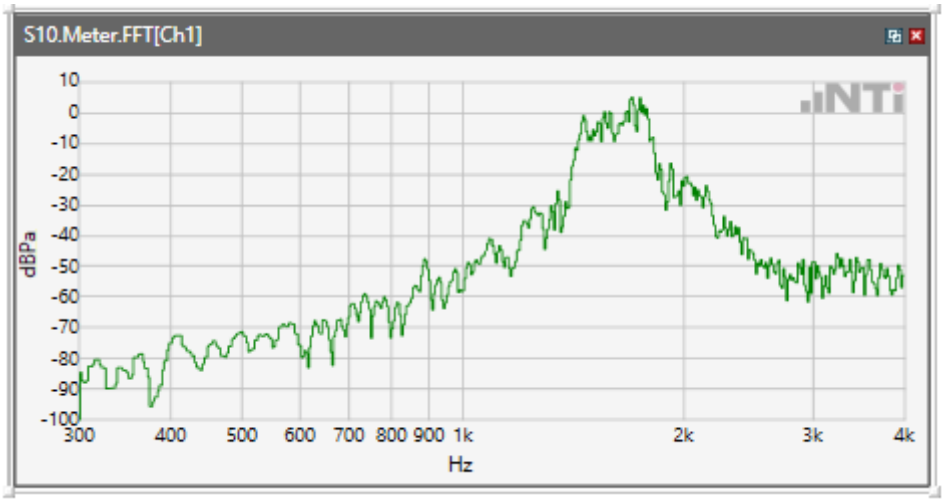
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



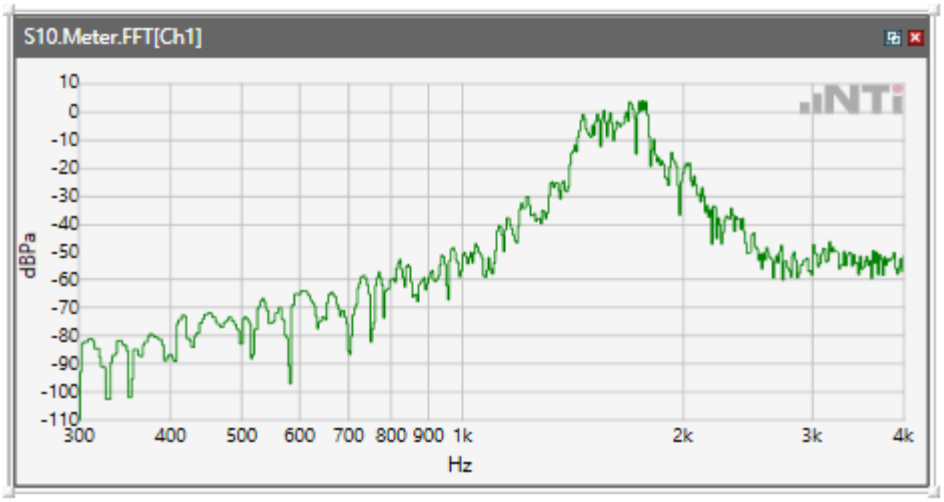
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



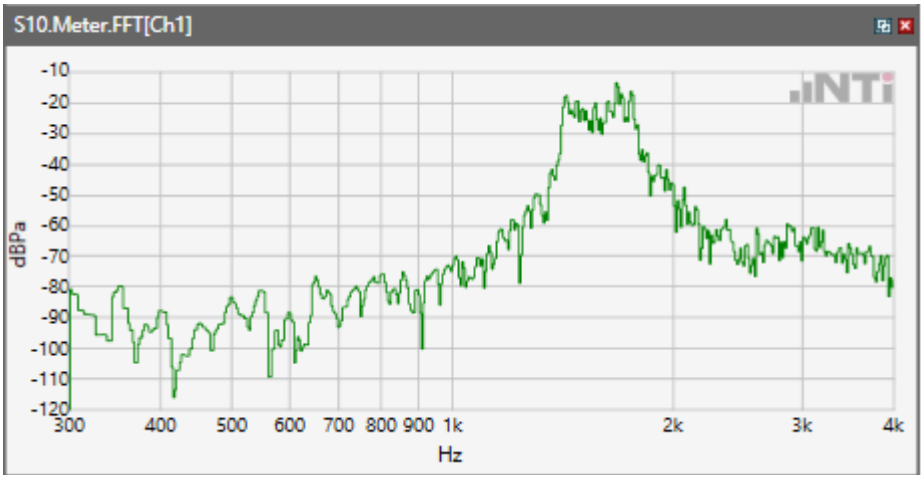
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



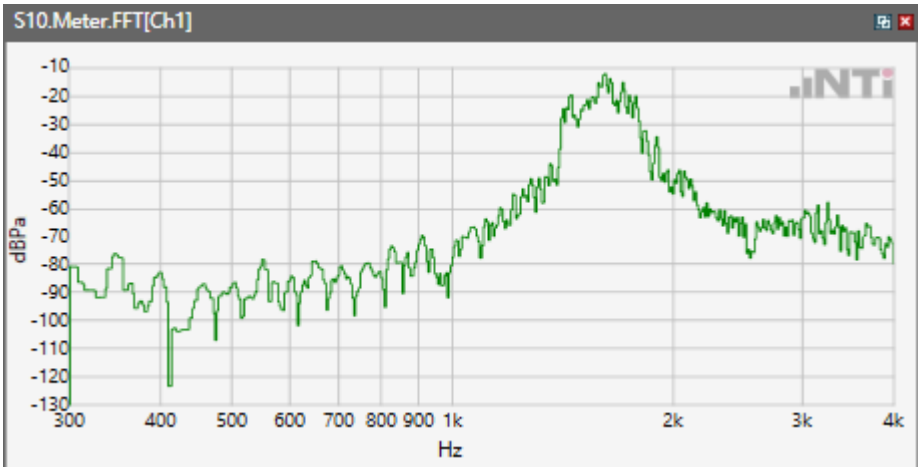
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



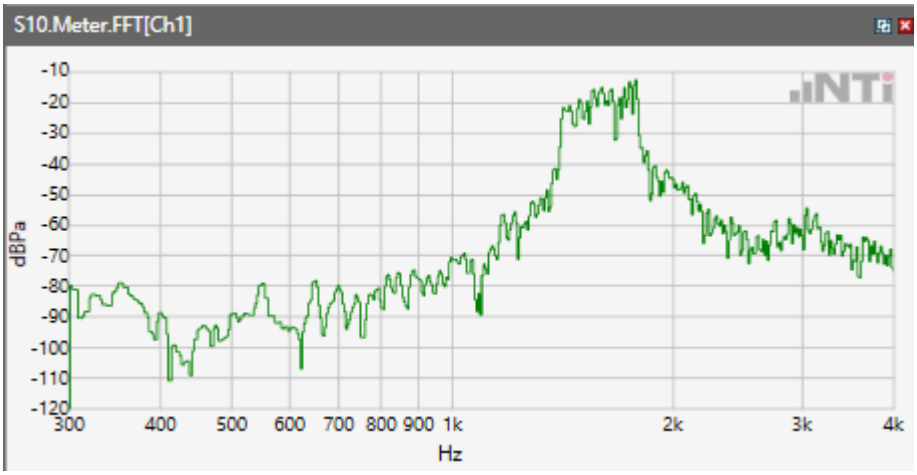
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



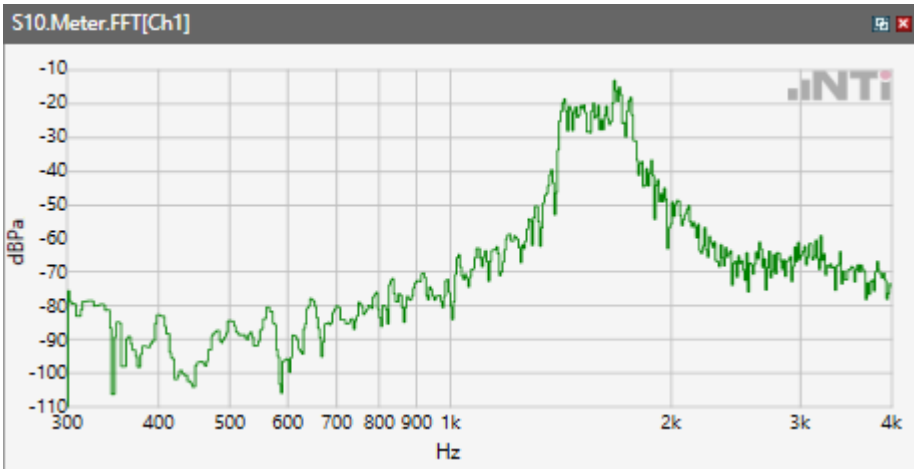
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



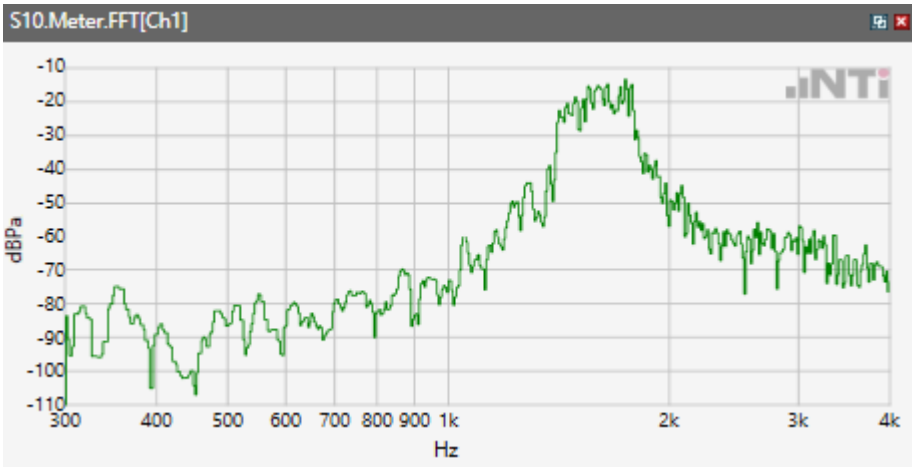
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

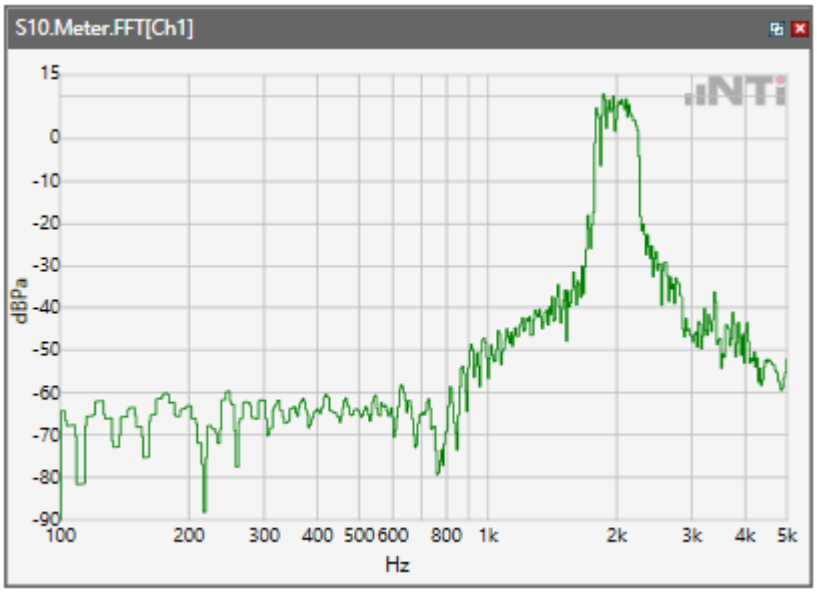


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

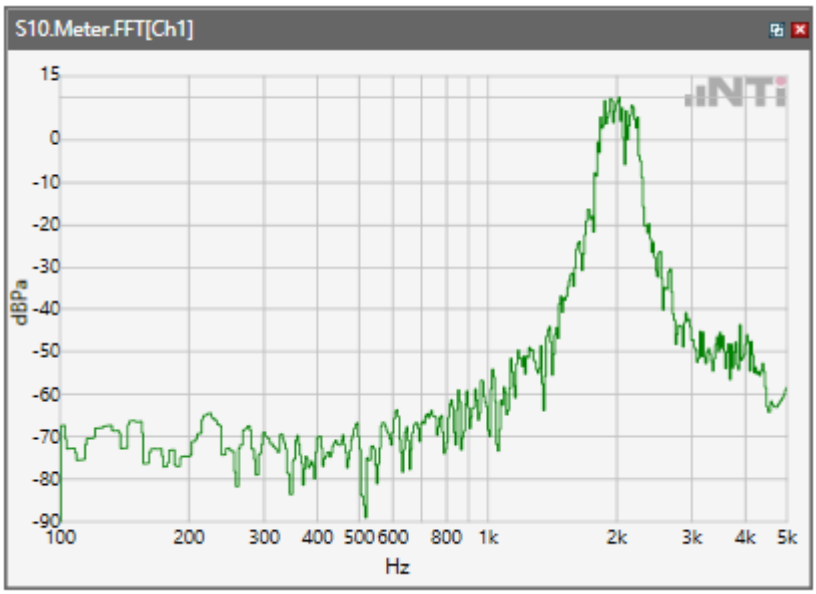


Receive path - distortion and noise 2000Hz WB&NB

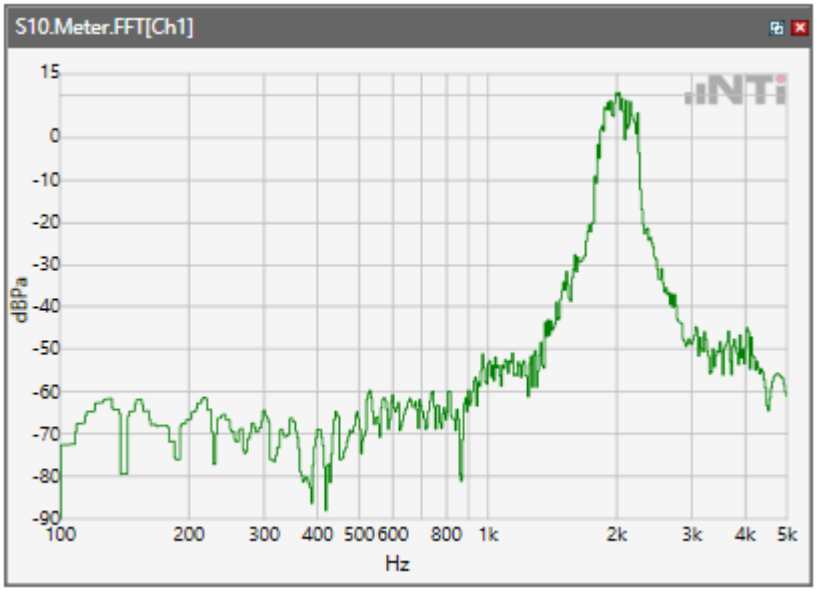
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



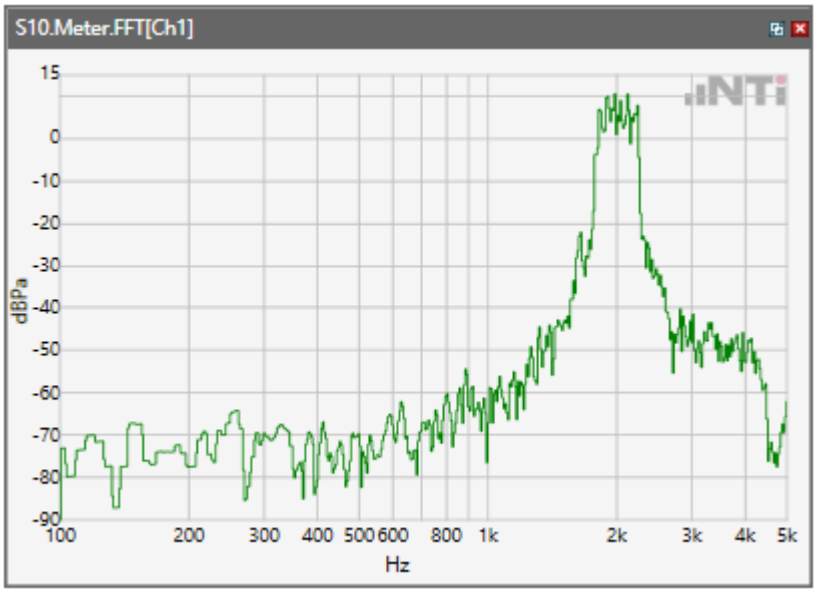
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



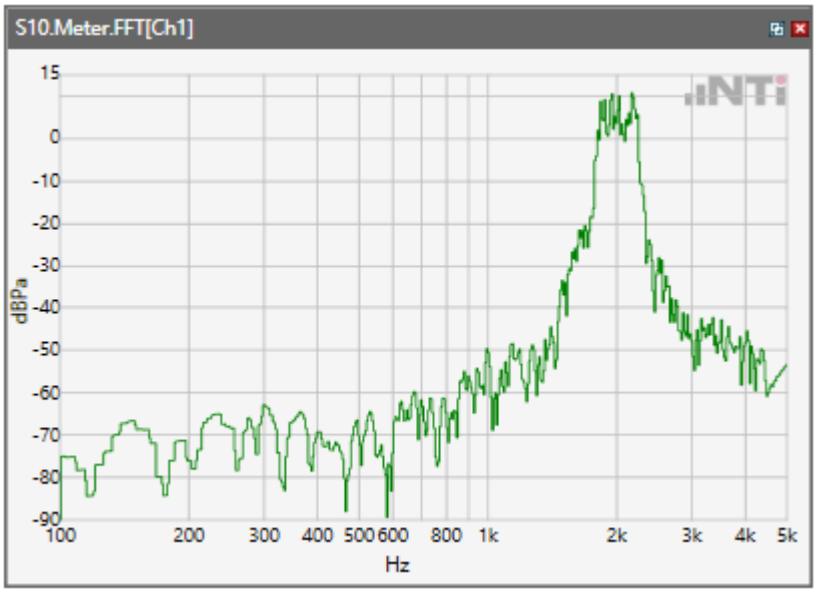
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



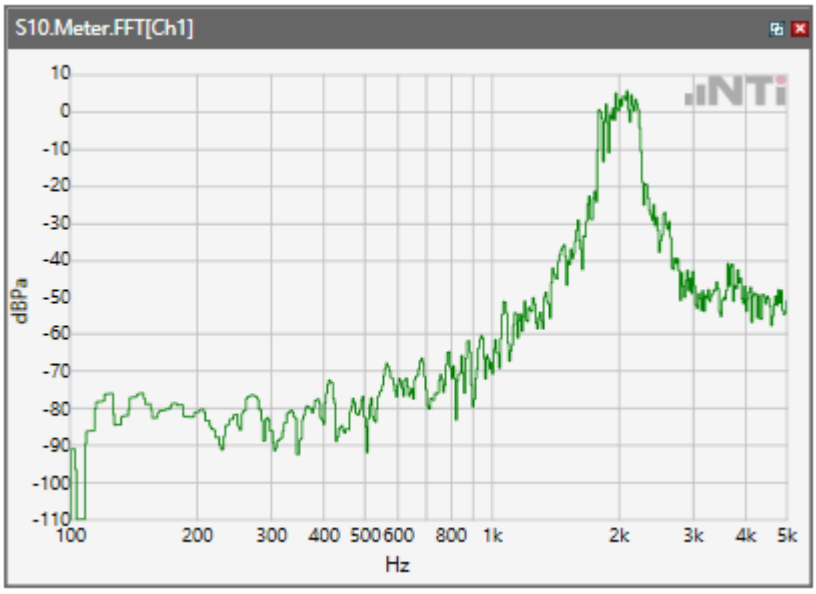
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



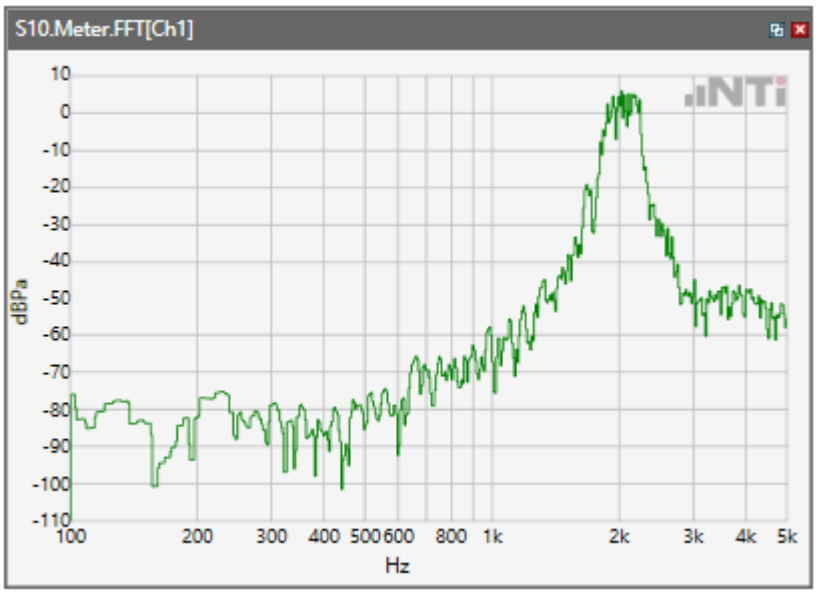
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



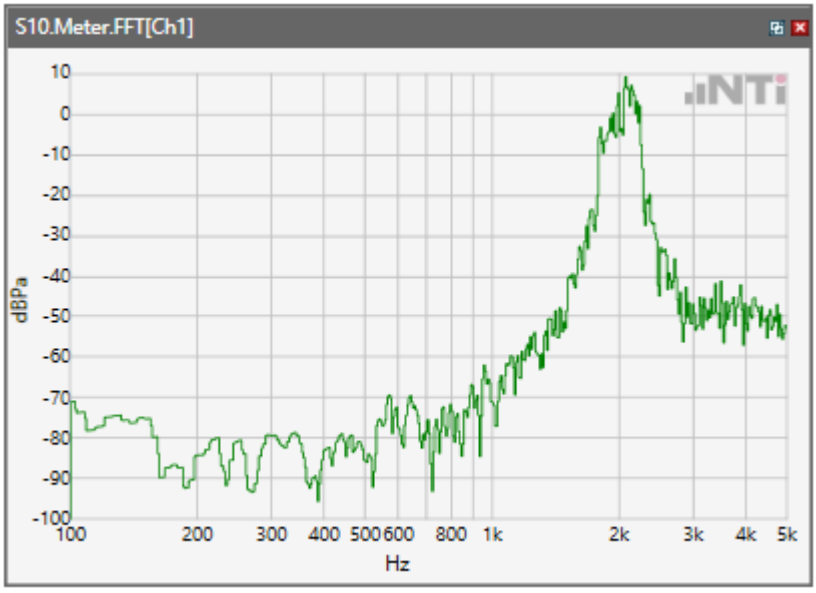
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



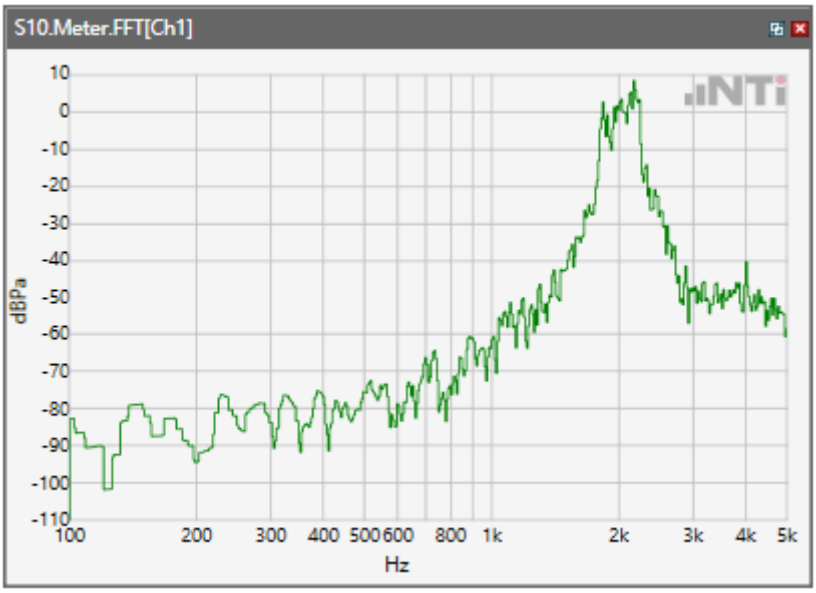
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



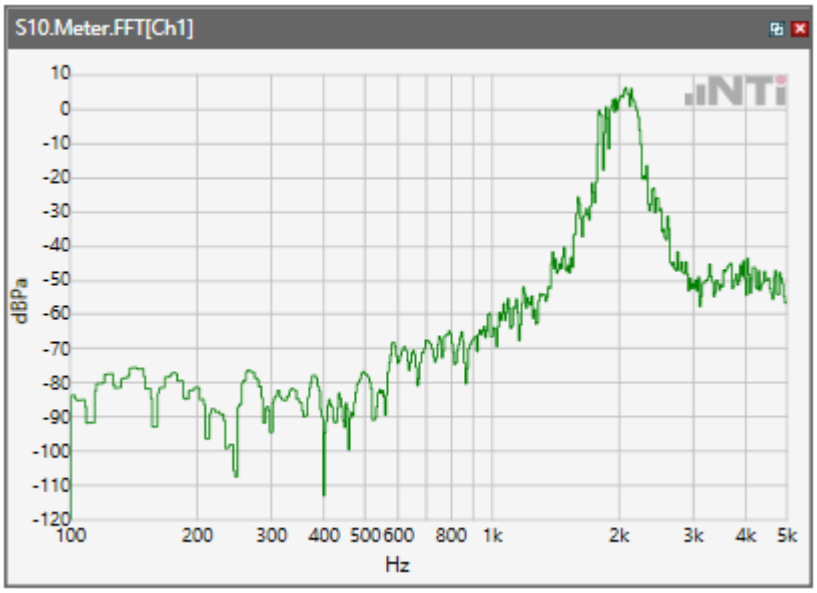
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



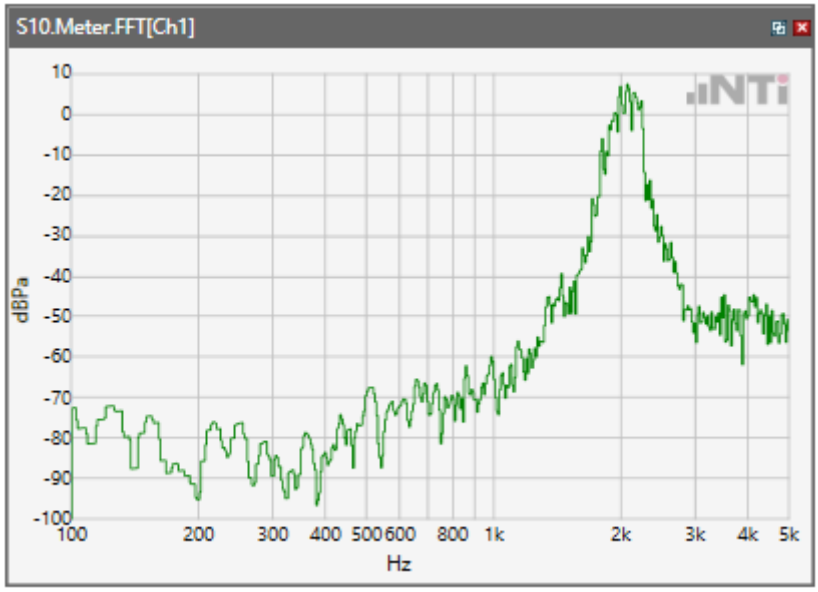
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



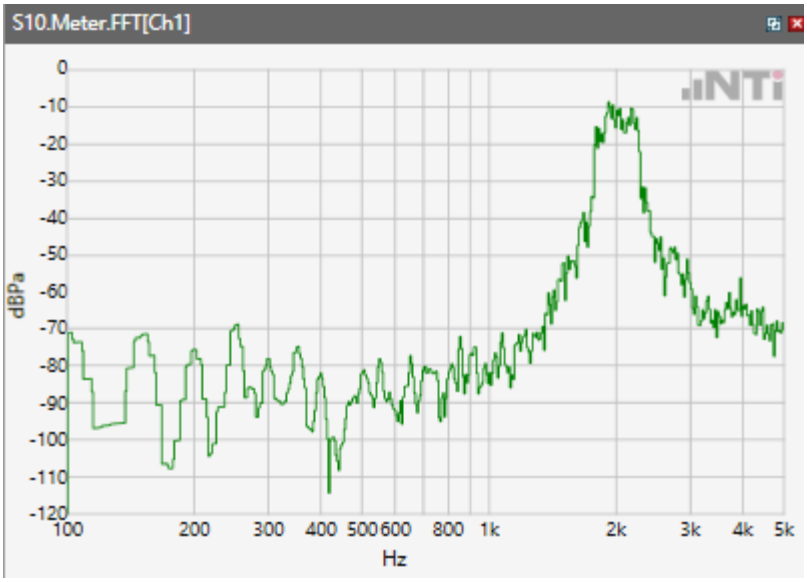
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



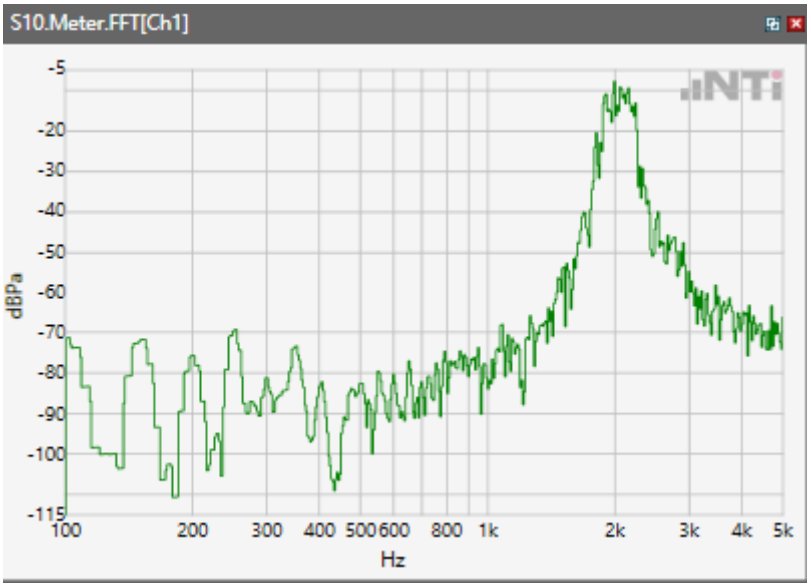
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



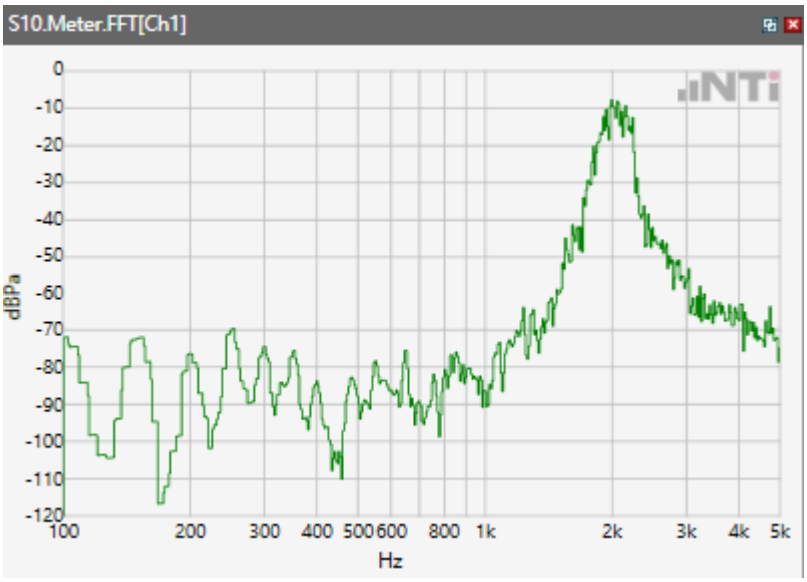
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



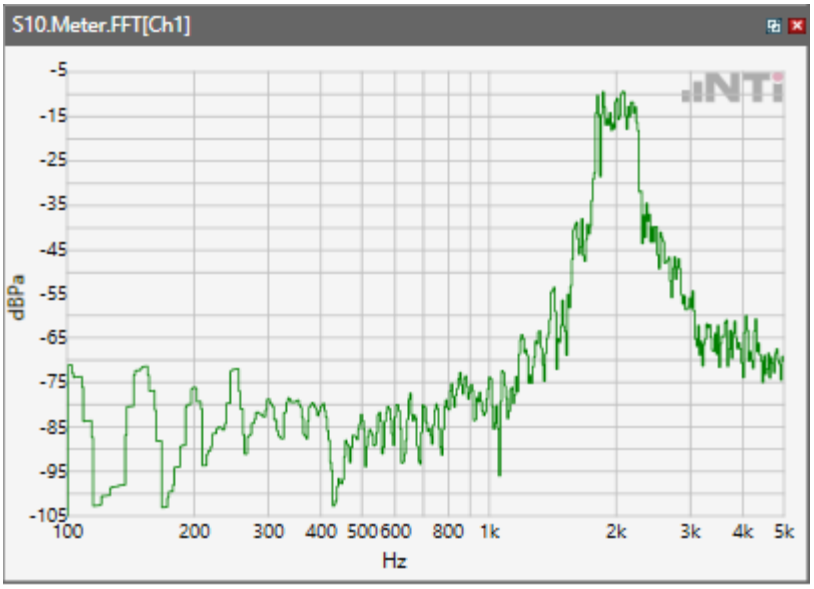
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



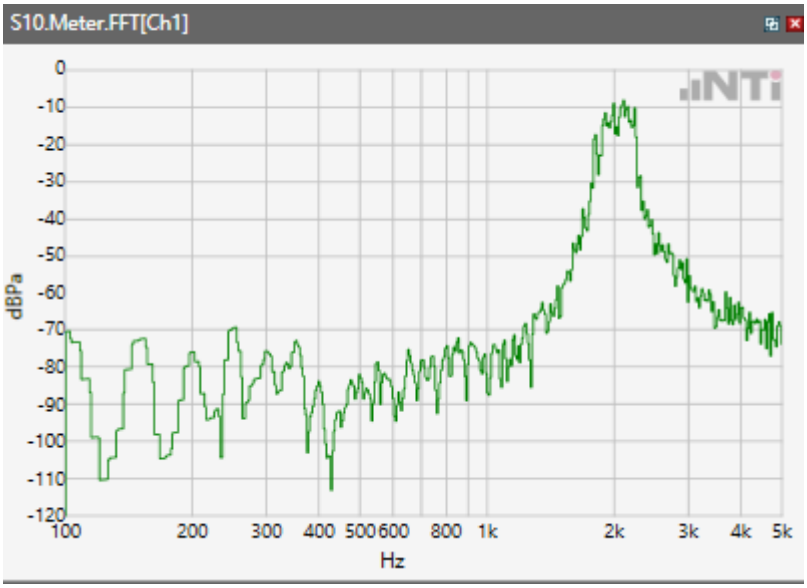
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

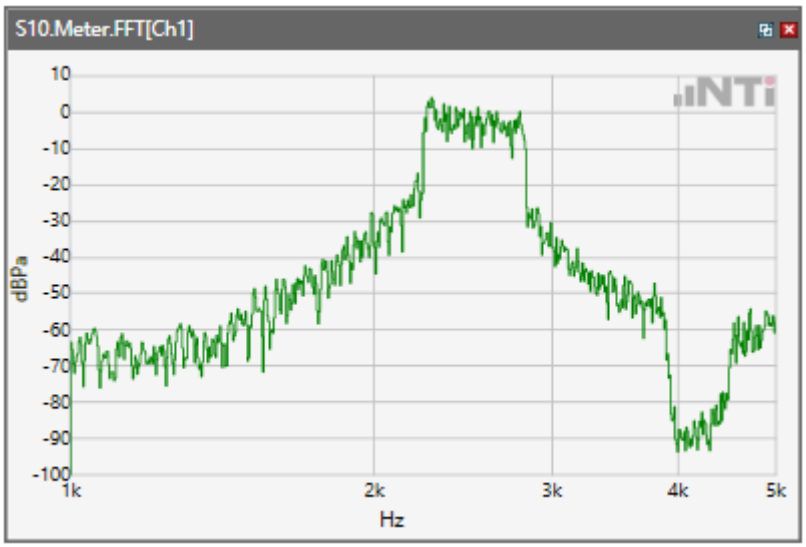


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

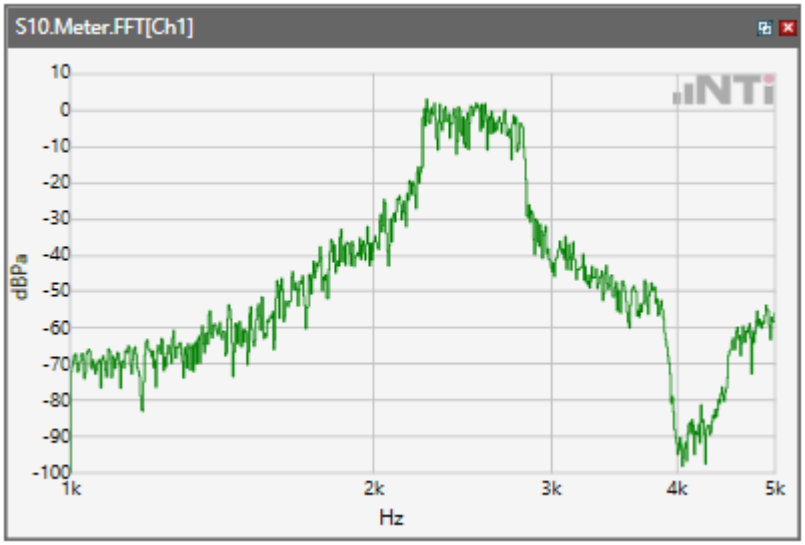


Receive path - distortion and noise 2500Hz WB&NB

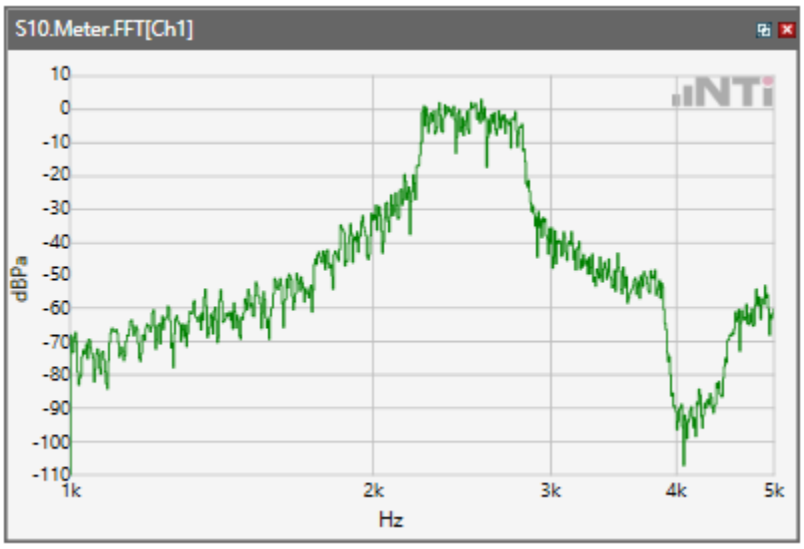
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



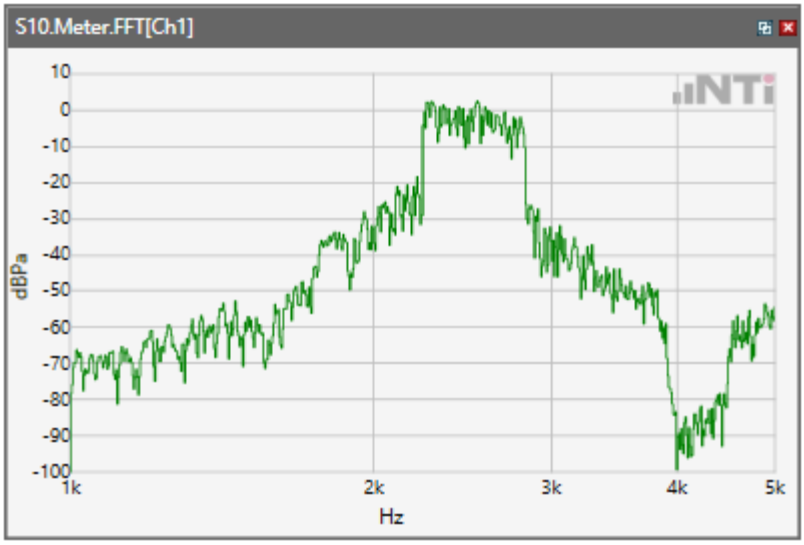
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



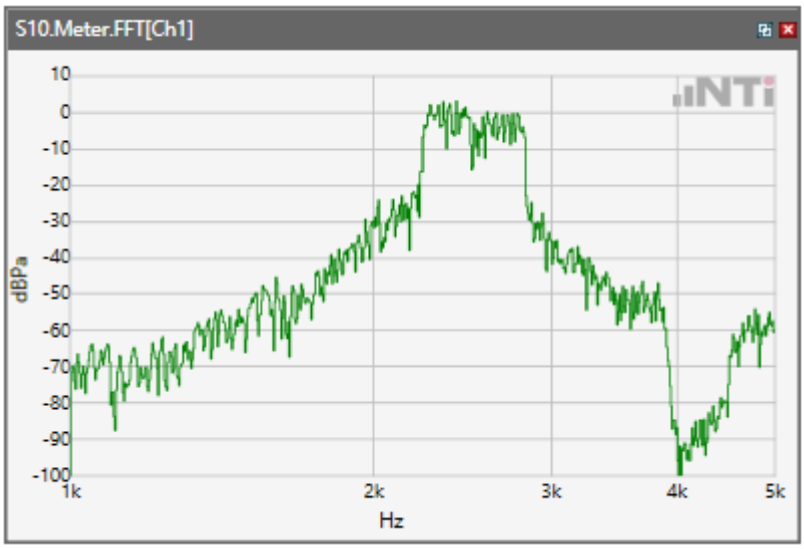
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



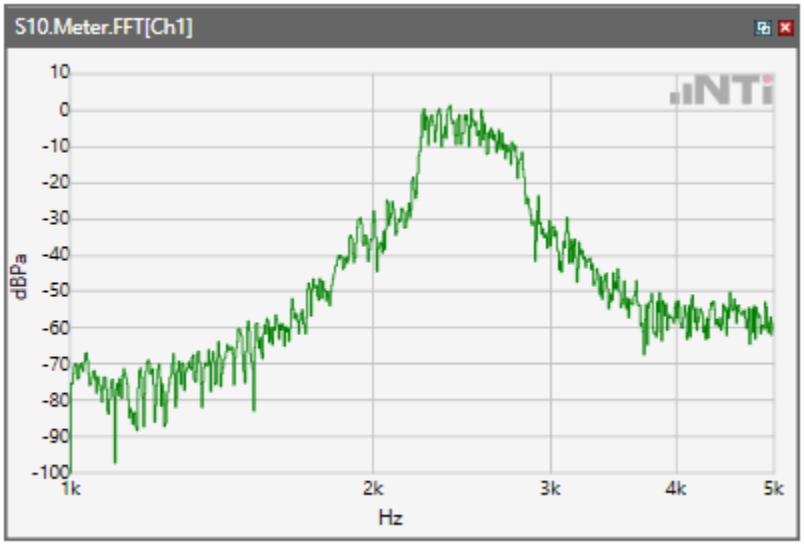
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



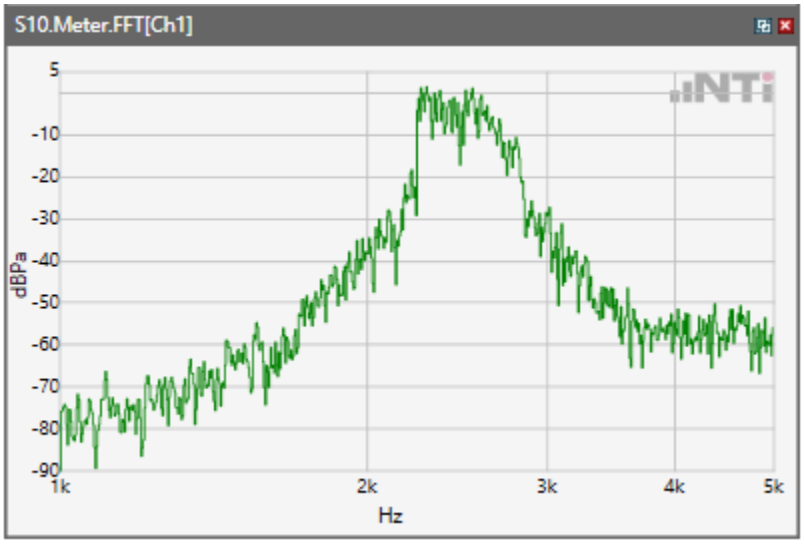
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



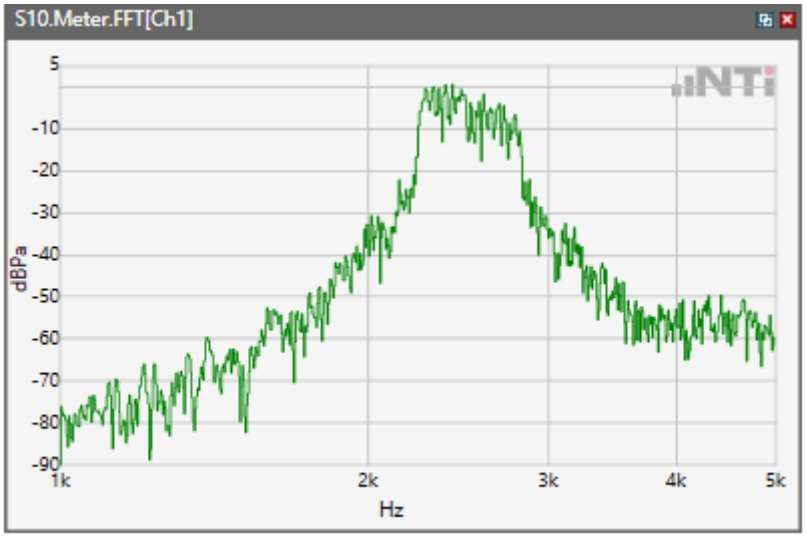
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



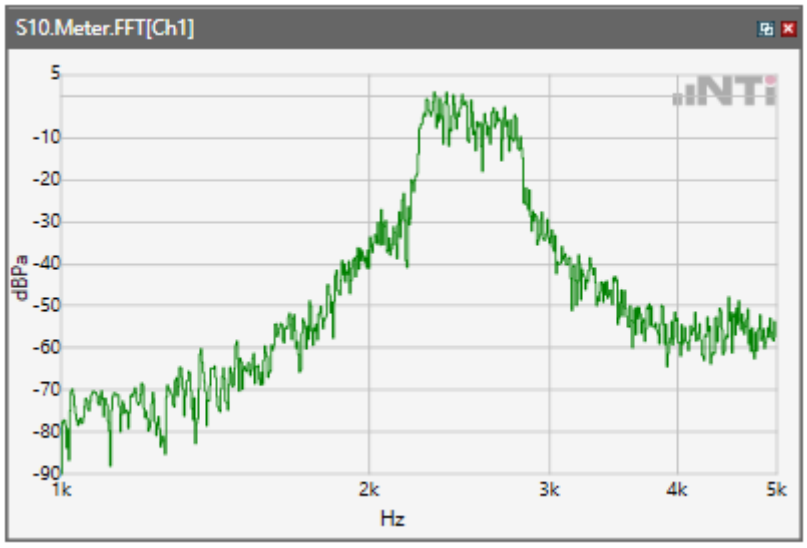
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



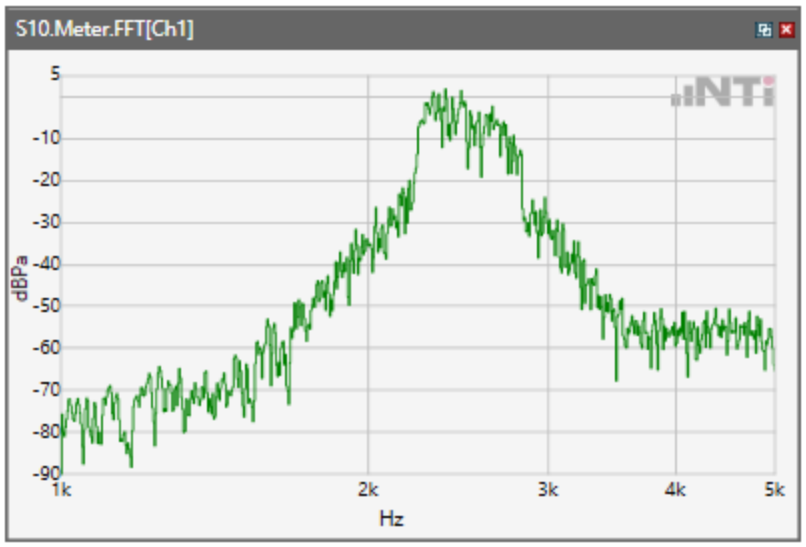
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



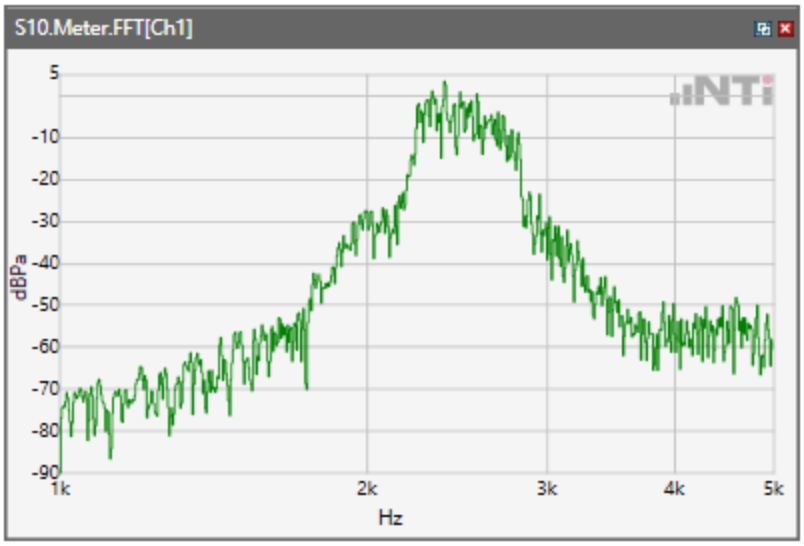
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



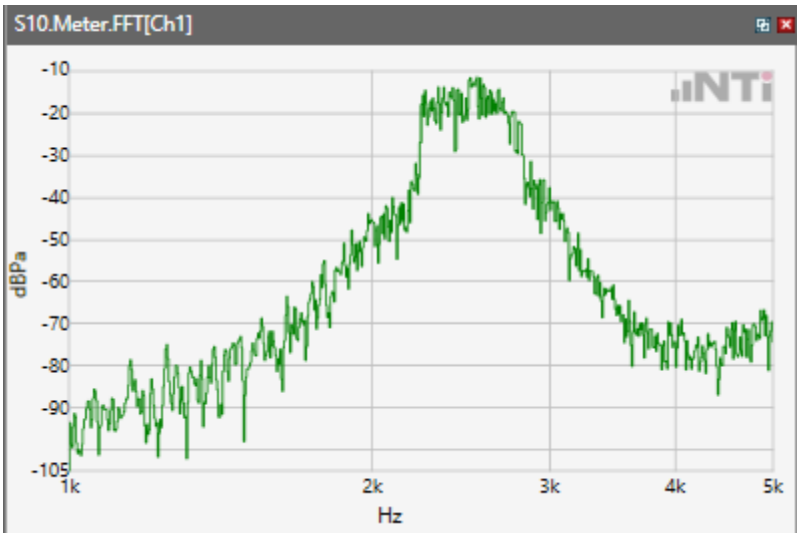
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



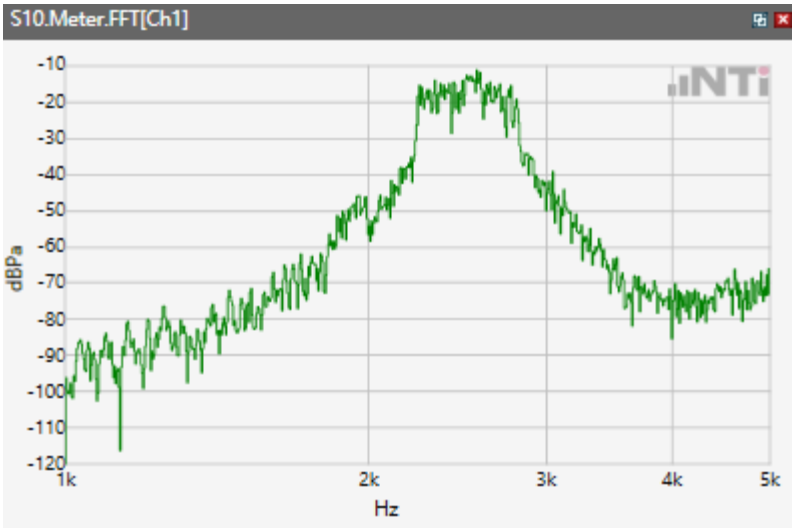
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



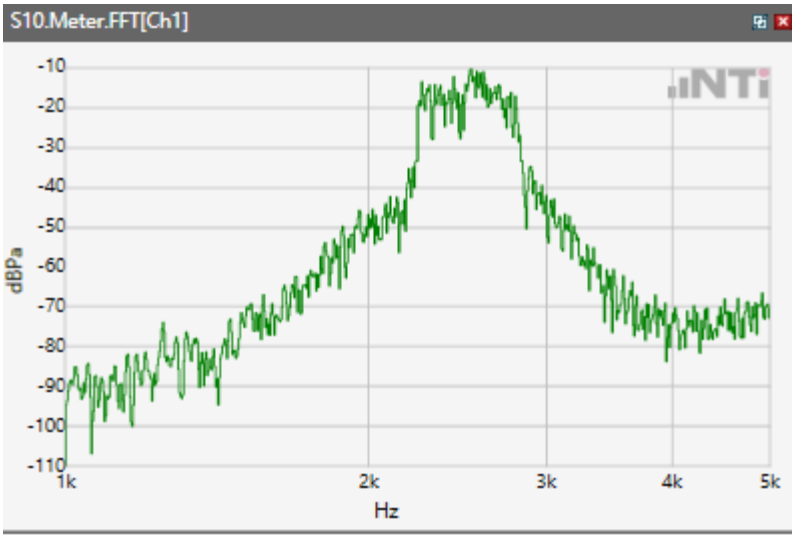
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



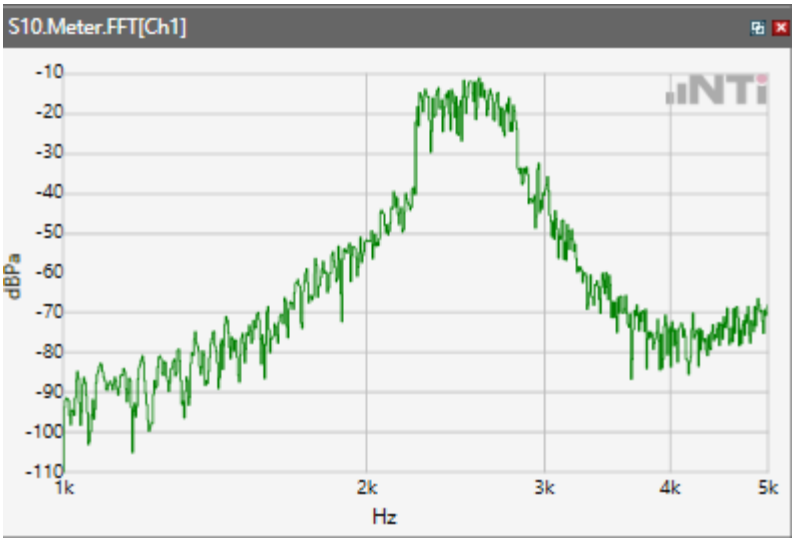
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



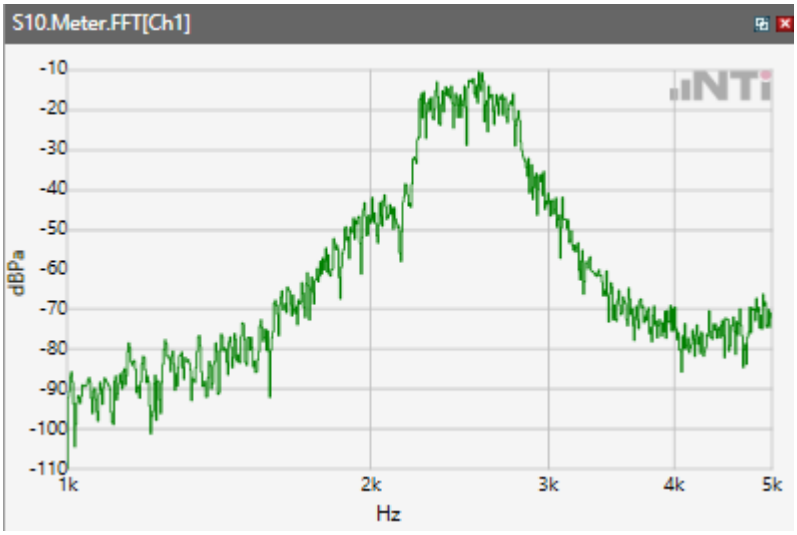
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

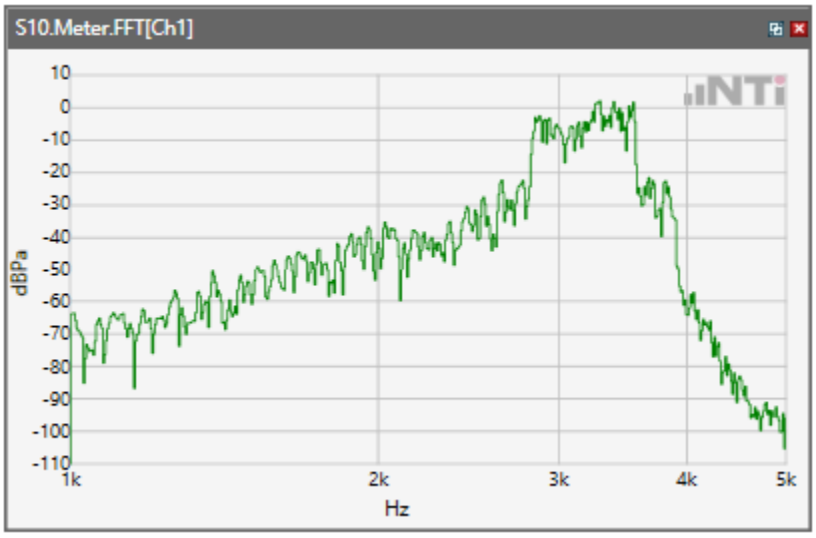


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

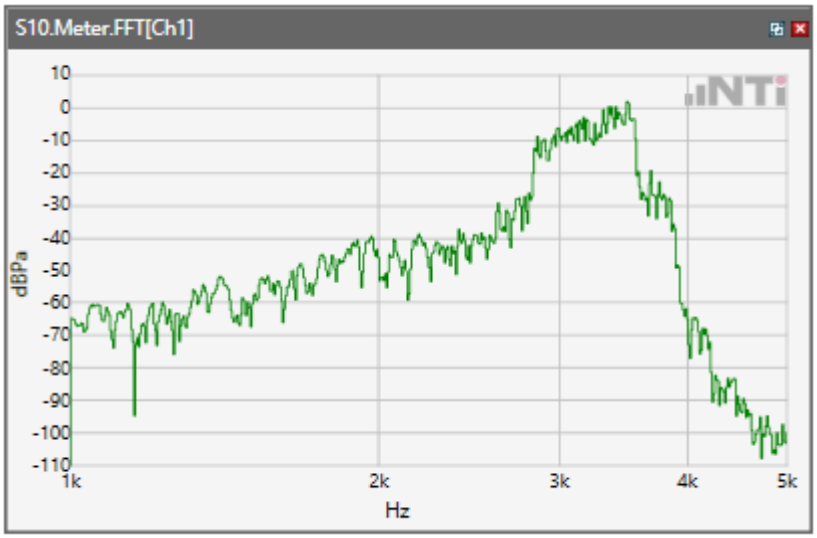


Receive path - distortion and noise 3150Hz WB&NB

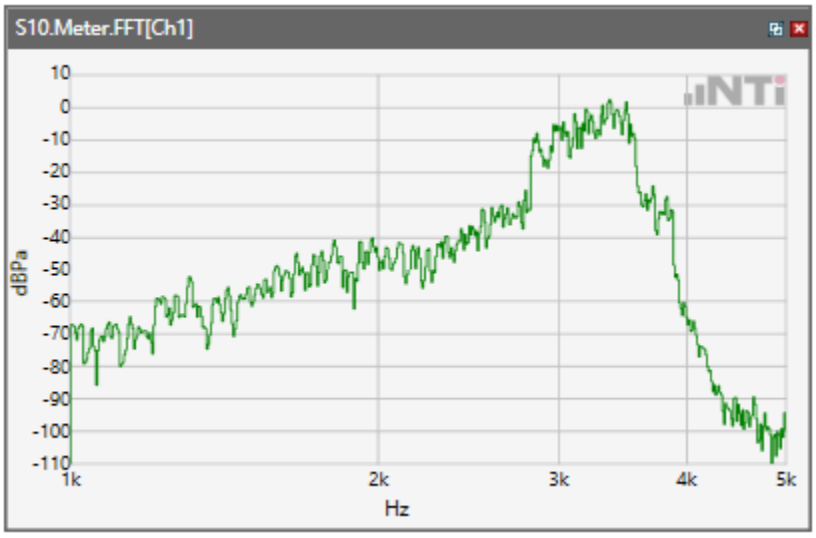
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



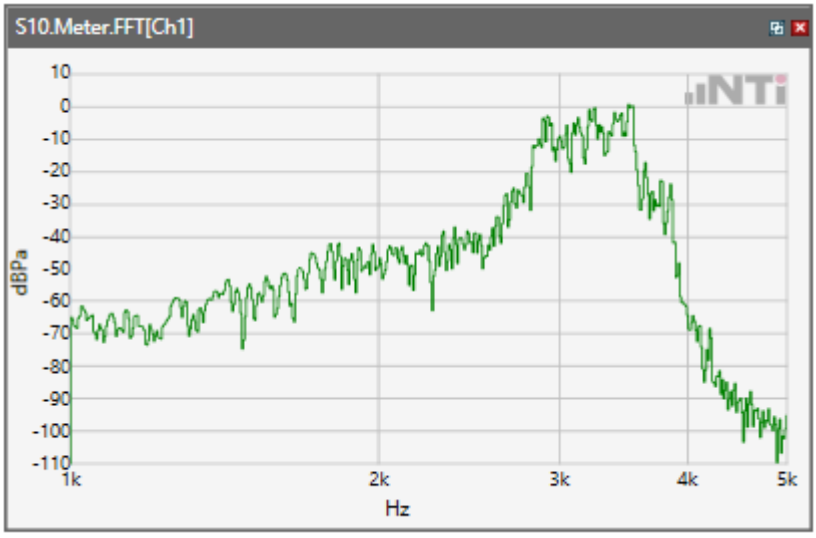
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



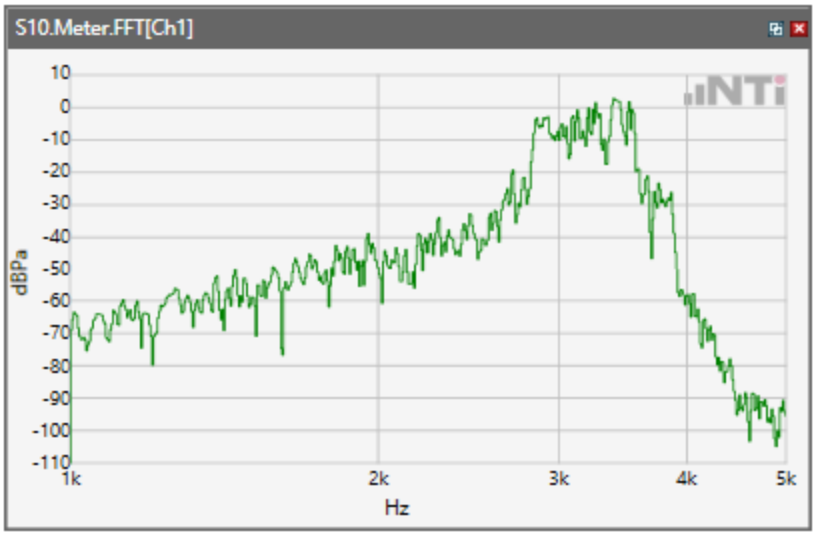
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



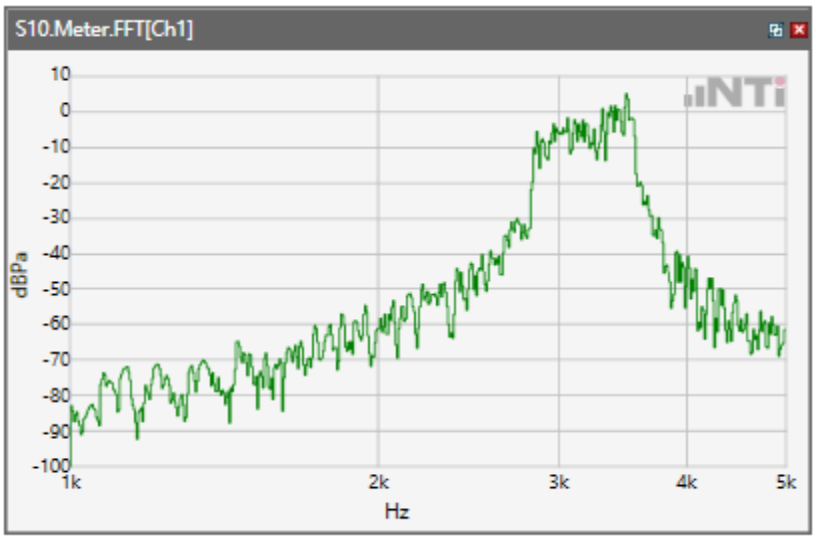
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



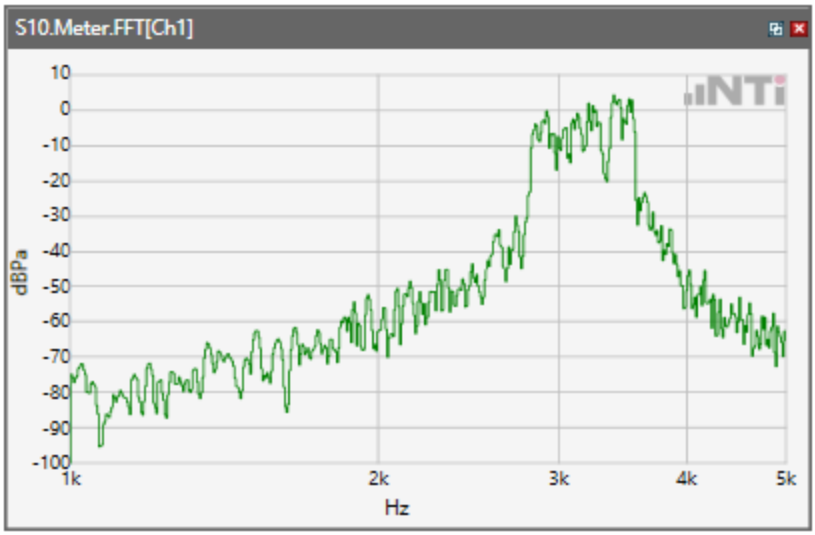
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



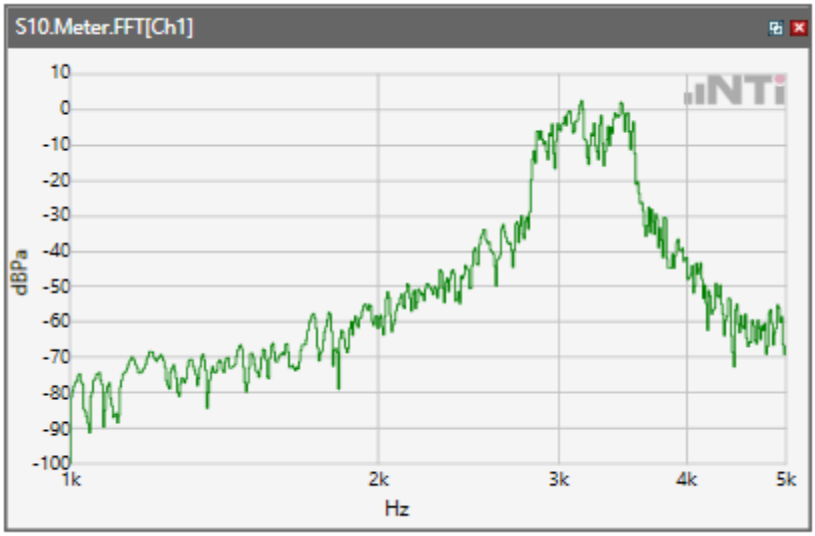
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



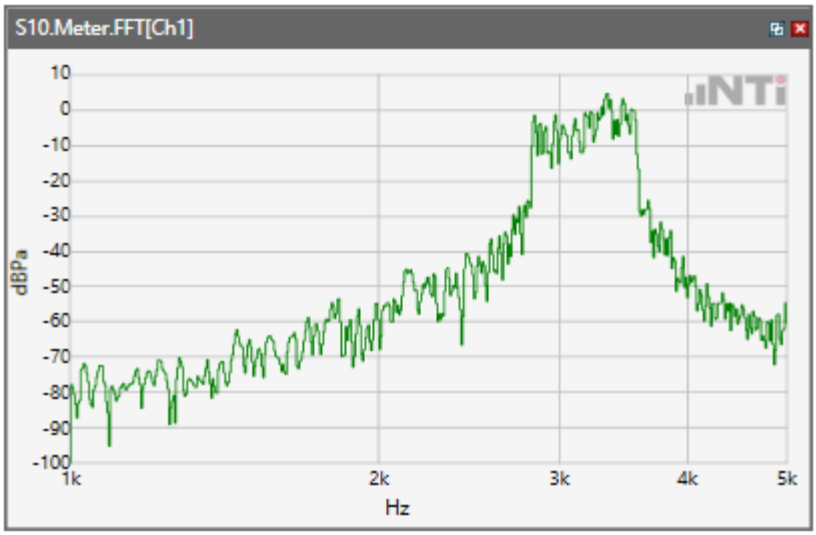
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



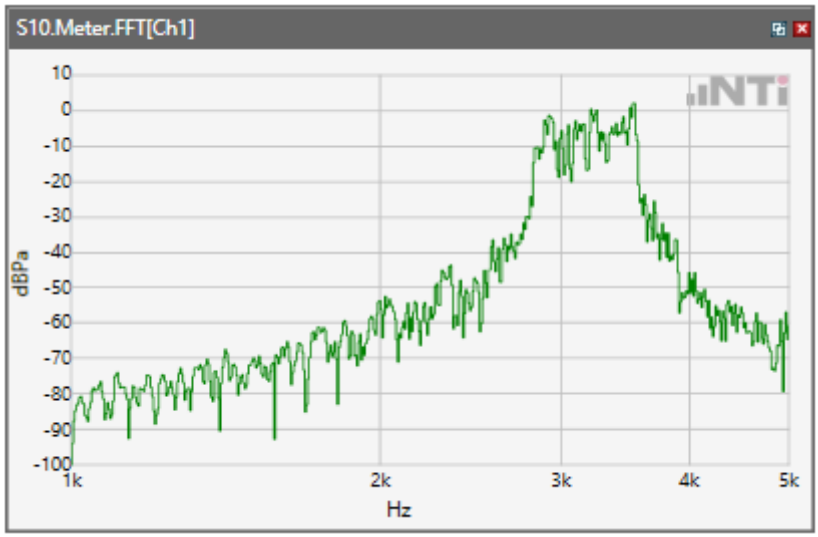
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



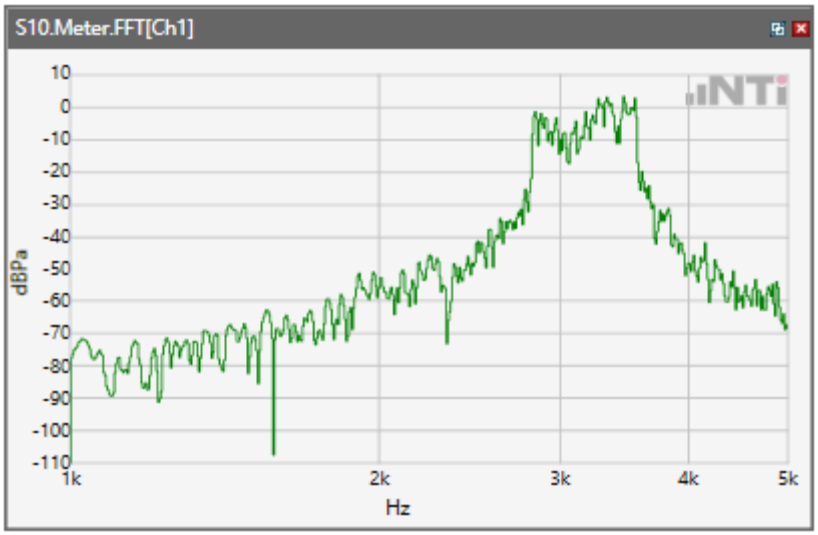
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



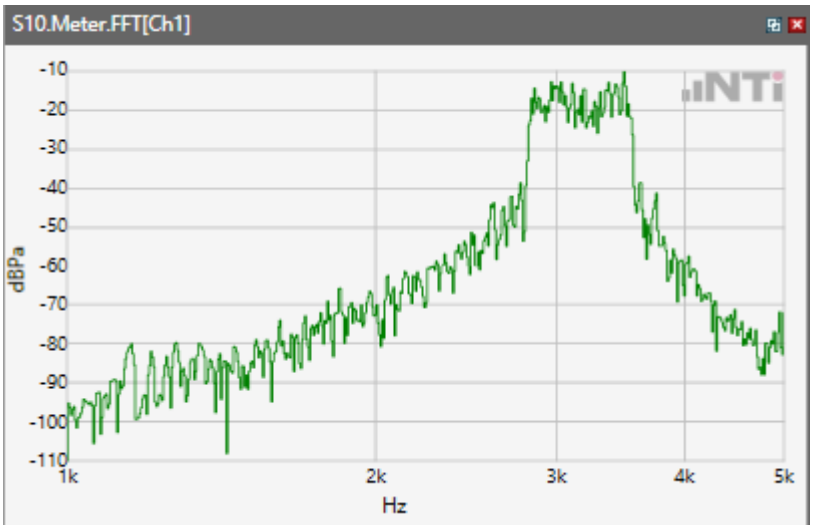
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



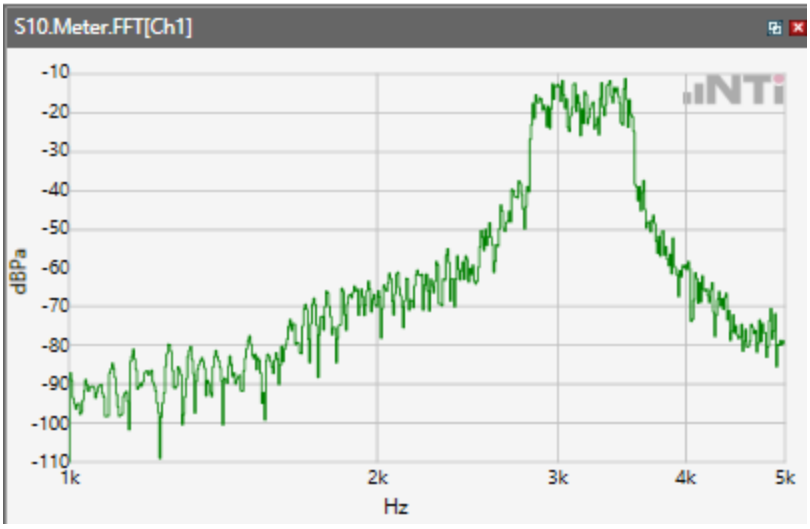
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



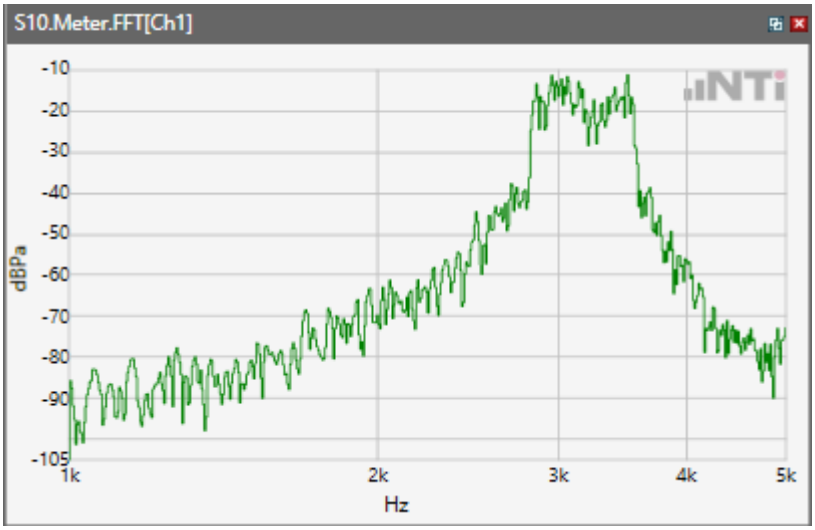
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



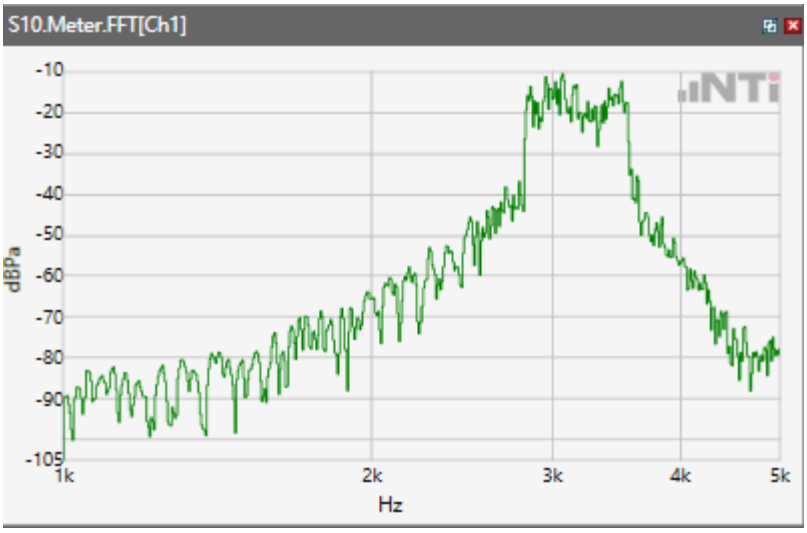
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



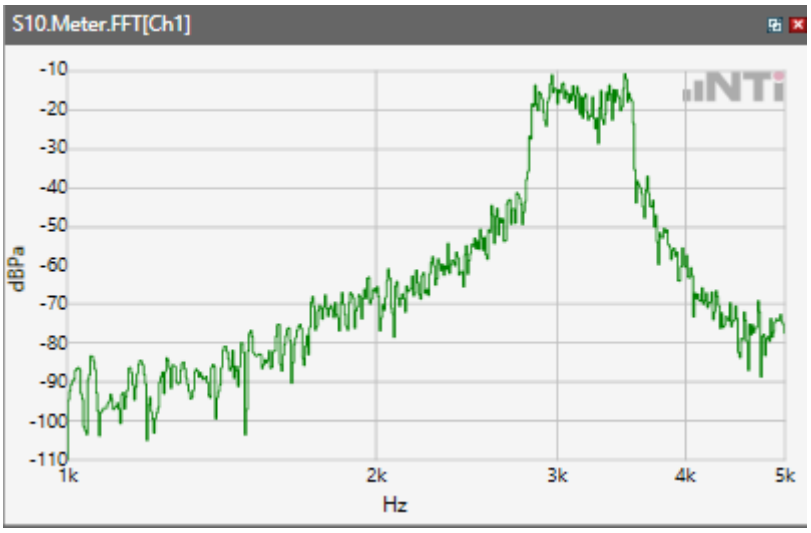
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 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 \ NB 12.2kbps \GSM 850

Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \GSM 1900

Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

Absolute minimal distance

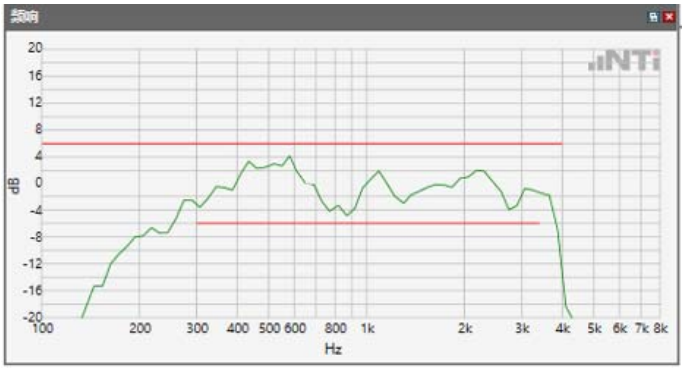
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

Absolute minimal distance

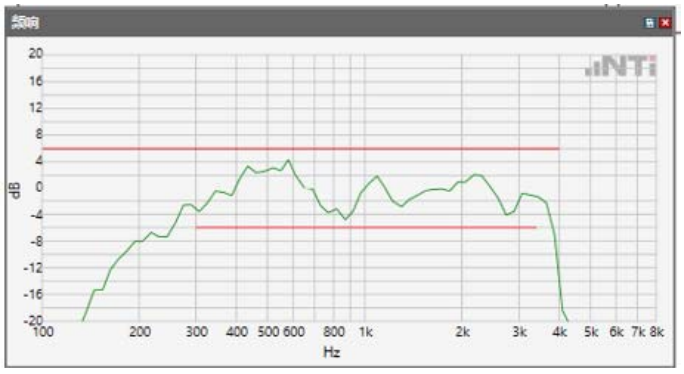
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

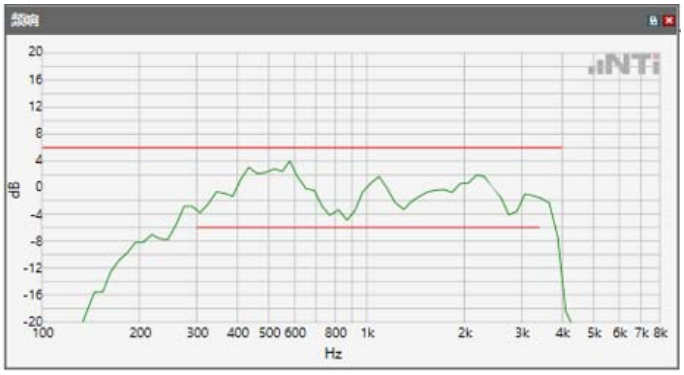
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE Band 4



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE Band 5

Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

Absolute minimal distance

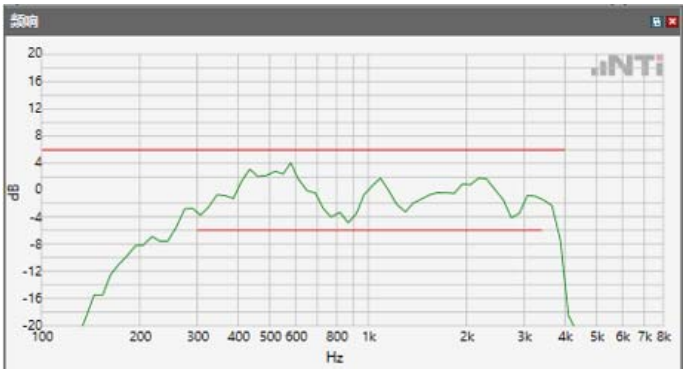
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE Band 17



Absolute minimal distance

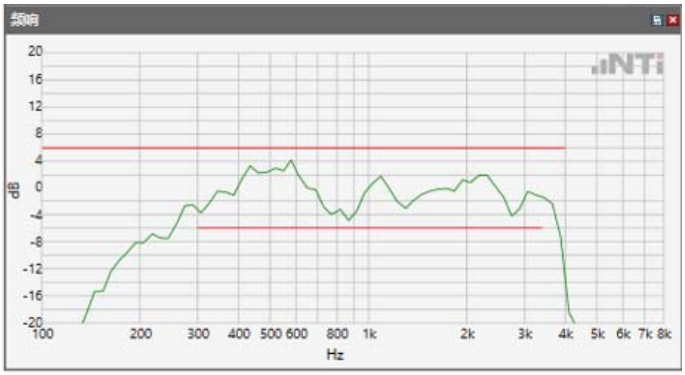
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

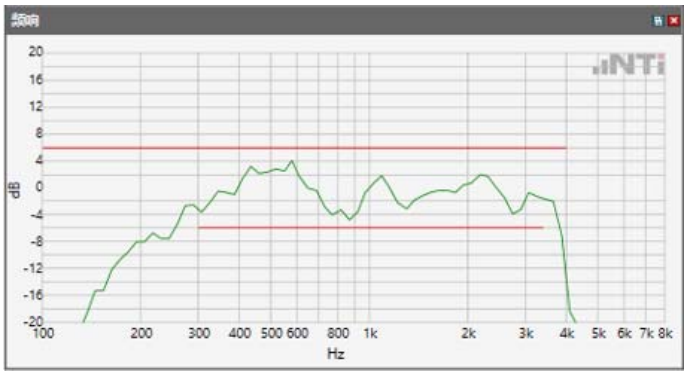
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ WLAN 2.4GHz



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \WLAN 5.2GHz

Absolute minimal distance

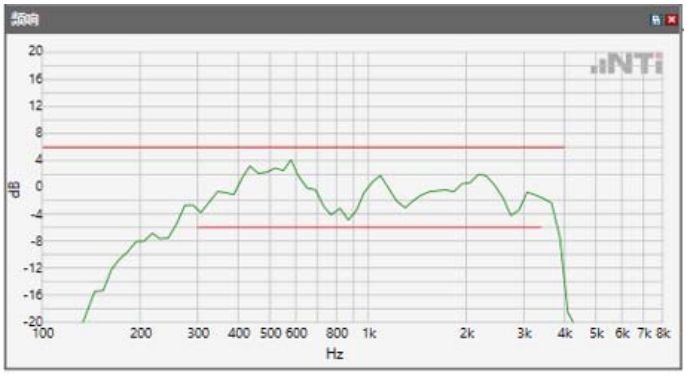
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \WLAN 5.3GHz



Absolute minimal distance

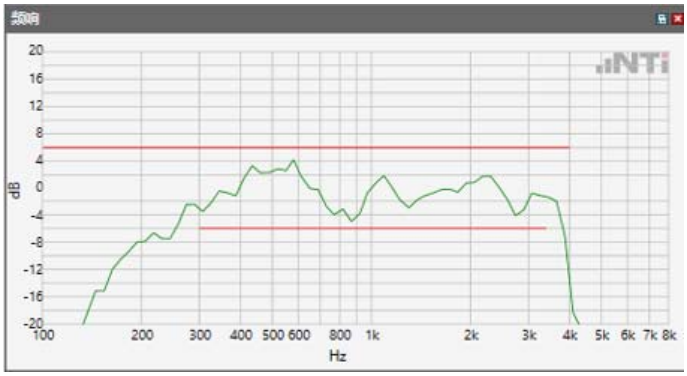
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \WLAN 5.5GHz



Absolute minimal distance

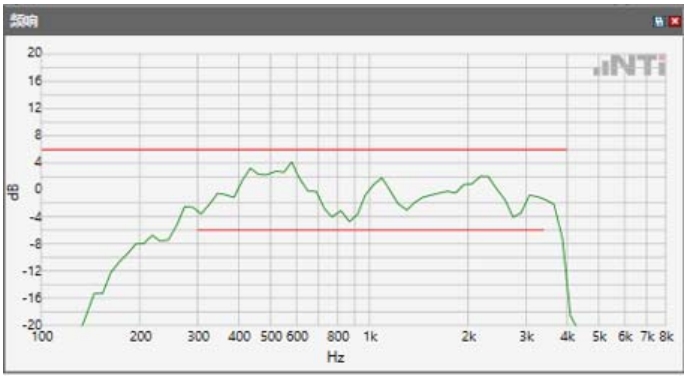
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \WLAN 5.8GHz



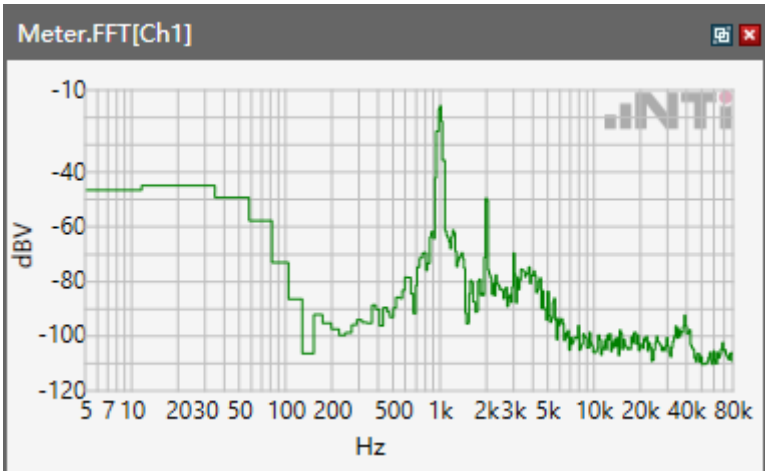
Absolute minimal distance

OK

OK

5.1 Receive Volume Control Performance 2N---WB

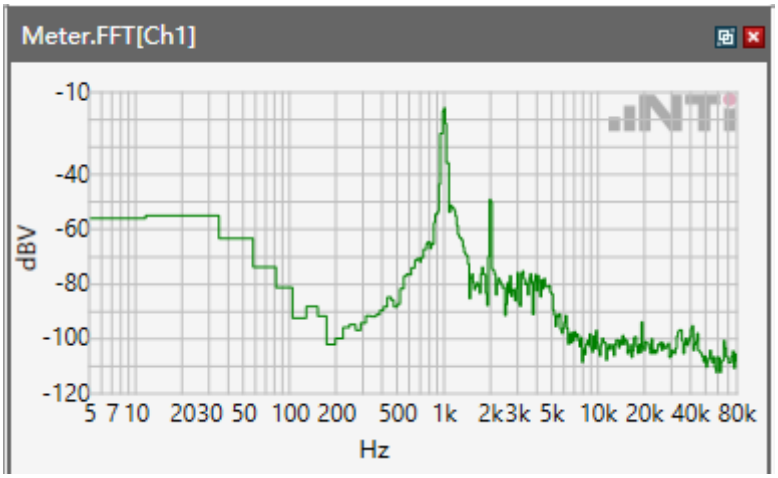
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\GSM 850



Speech Level RCV: 82.14 dB[SPL]

Calculated Value: 12.14 dB OK

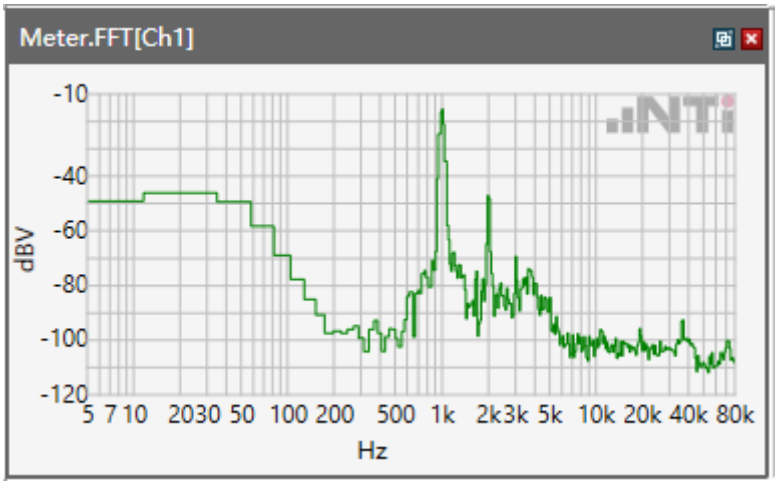
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ GSM 1900



Speech Level RCV: 82.58 dB[SPL]

Calculated Value: 12.58 dB OK

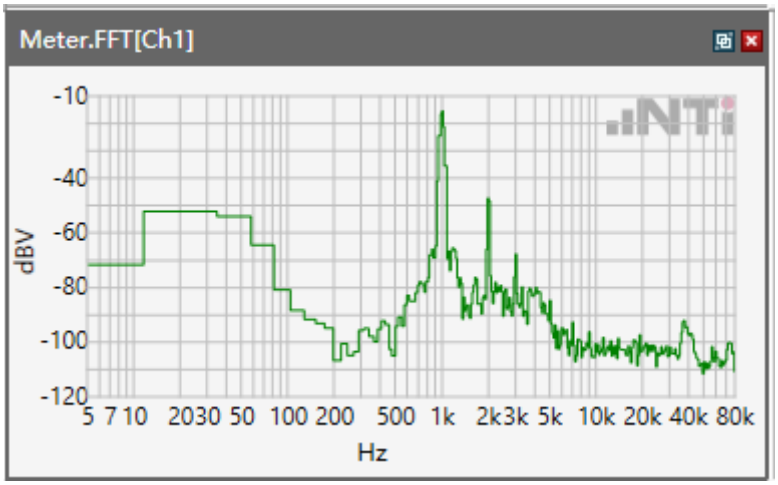
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WCDMA Band II



Speech Level RCV: 81.66 dB[SPL]

Calculated Value: 11.66 dB OK

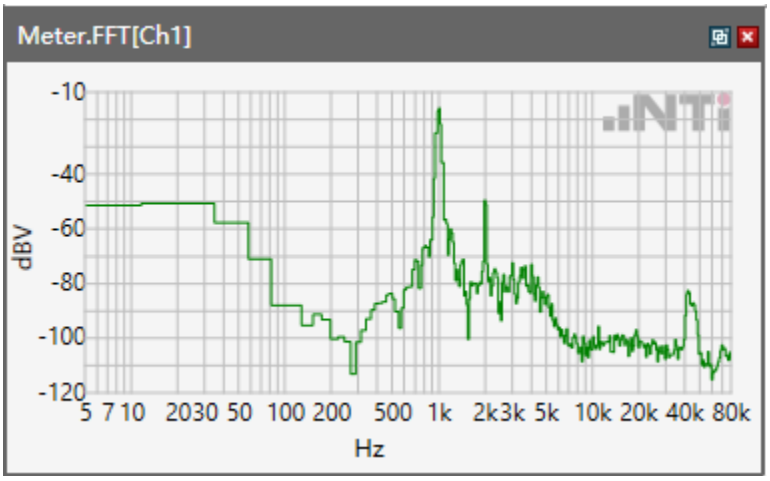
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WCDMA Band IV



Speech Level RCV: 83.52 dB[SPL]

Calculated Value: 13.52 dB OK

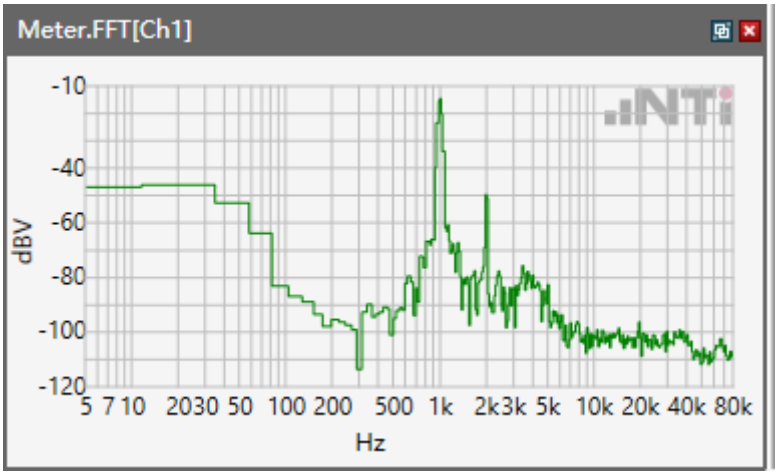
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WCDMA Band V



Speech Level RCV: 82.17 dB[SPL]

Calculated Value: 12.17 dB OK

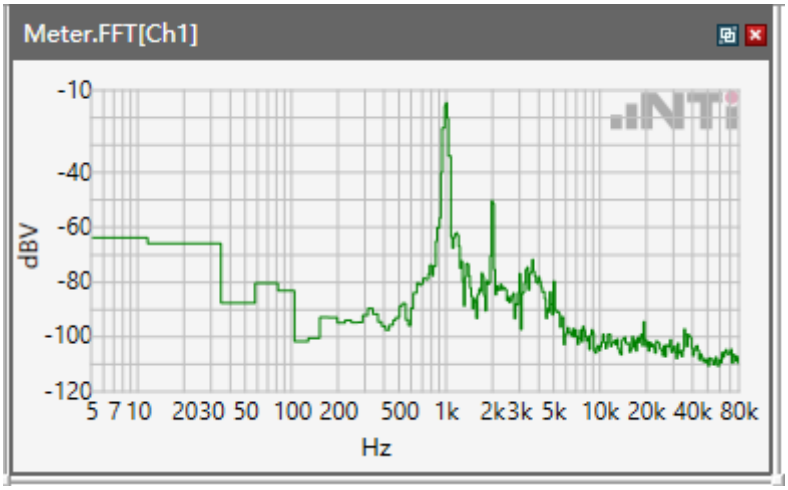
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\LTE Band 2



Speech Level RCV: 82.33 dB[SPL]

Calculated Value: 12.33 dB OK

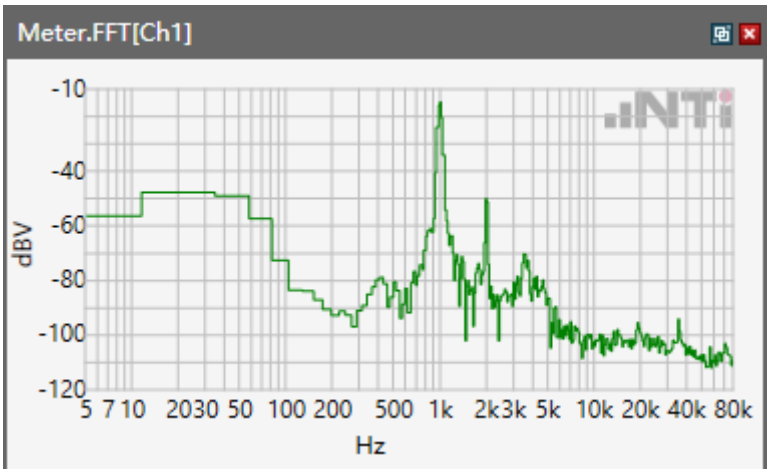
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ LTE Band 4



Speech Level RCV: 81.37 dB[SPL]

Calculated Value: 11.37 dB OK

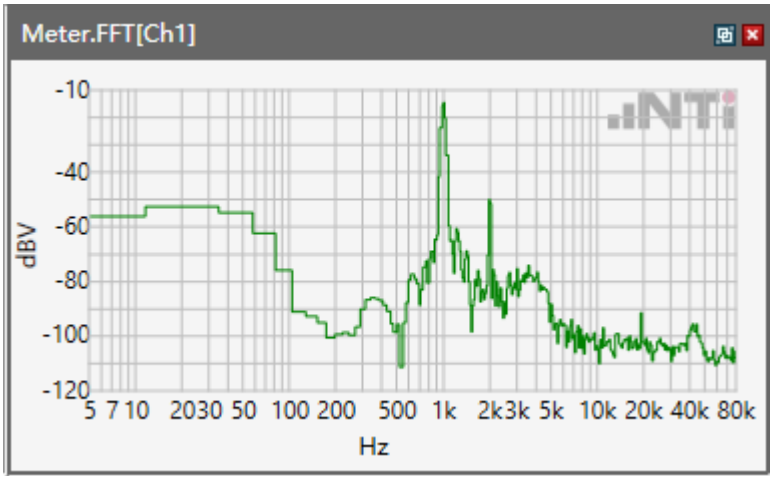
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ LTE Band 5



Speech Level RCV: 83.14 dB[SPL]

Calculated Value: 13.14 dB OK

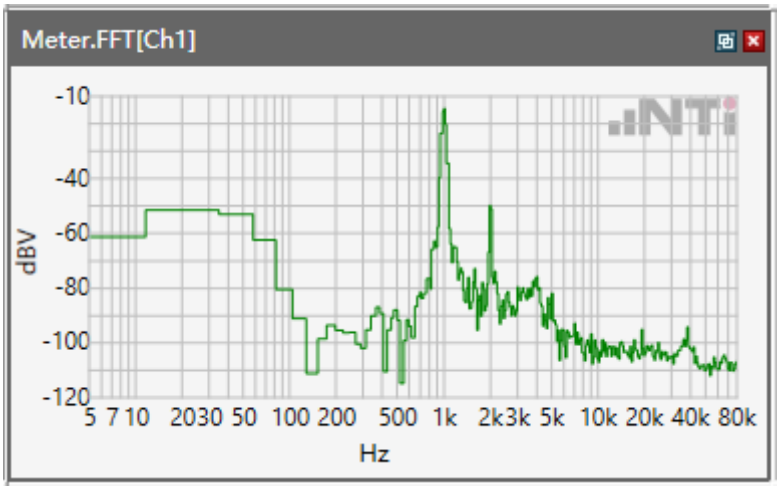
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ LTE Band 12



Speech Level RCV: 83.65 dB[SPL]

Calculated Value: 13.65 dB OK

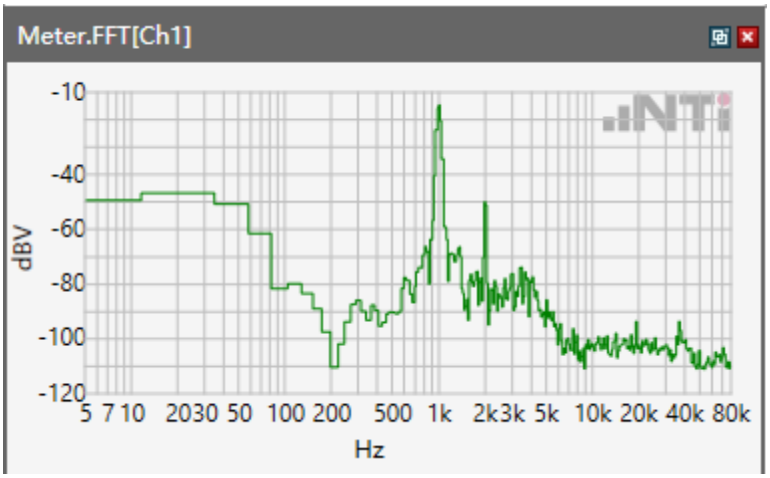
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ LTE Band 17



Speech Level RCV: 82.18 dB[SPL]

Calculated Value: 12.18 dB OK

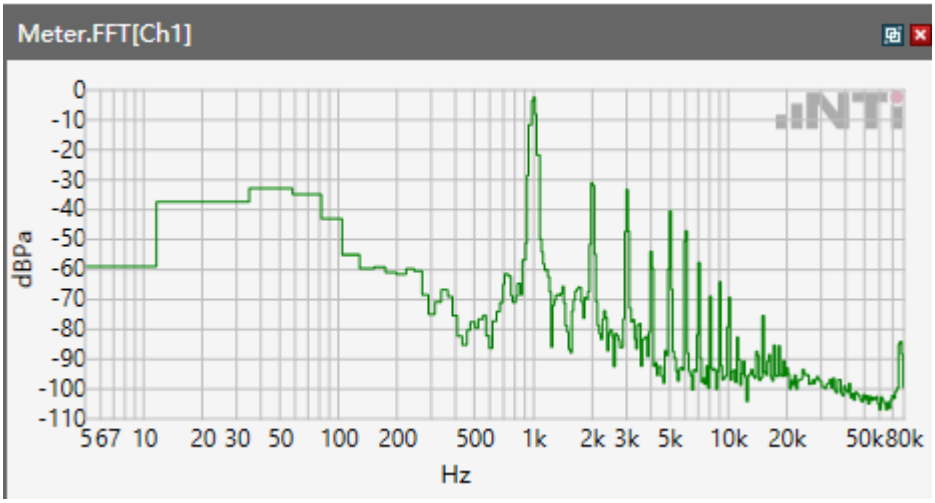
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\LTE Band 66



Speech Level RCV: 83.01 dB[SPL]

Calculated Value: 13.01 dB OK

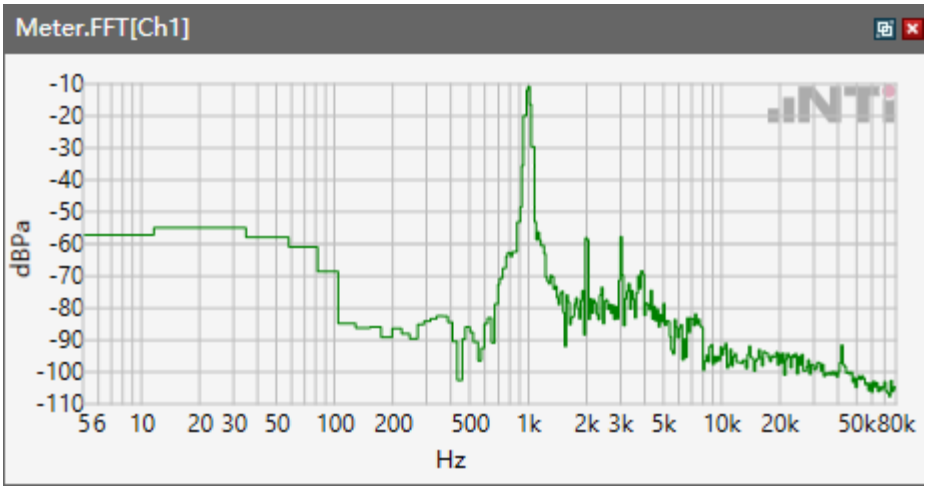
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ WLAN 2.4GHz



Speech Level RCV: 86.14 dB[SPL]

Calculated Value: 16.14dB OK

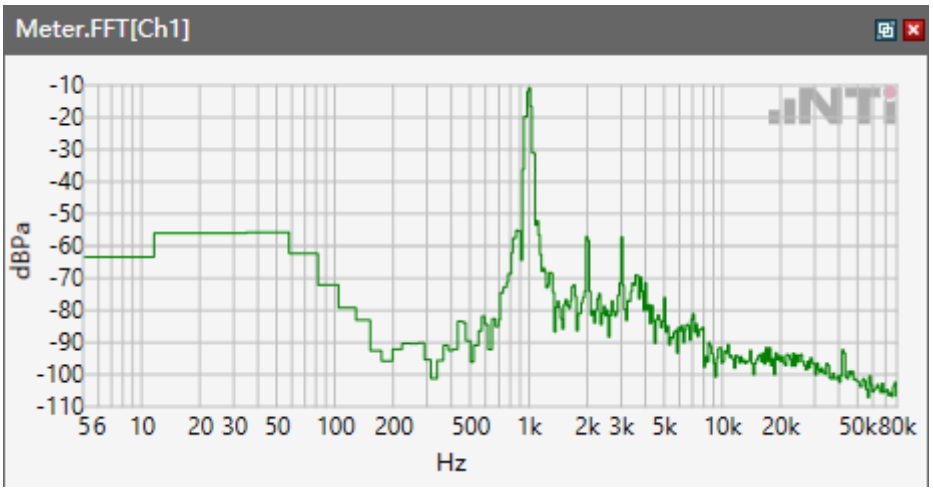
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WLAN 5.2GHz



Speech Level RCV: 85.51 dB[SPL]

Calculated Value: 15.51 dB OK

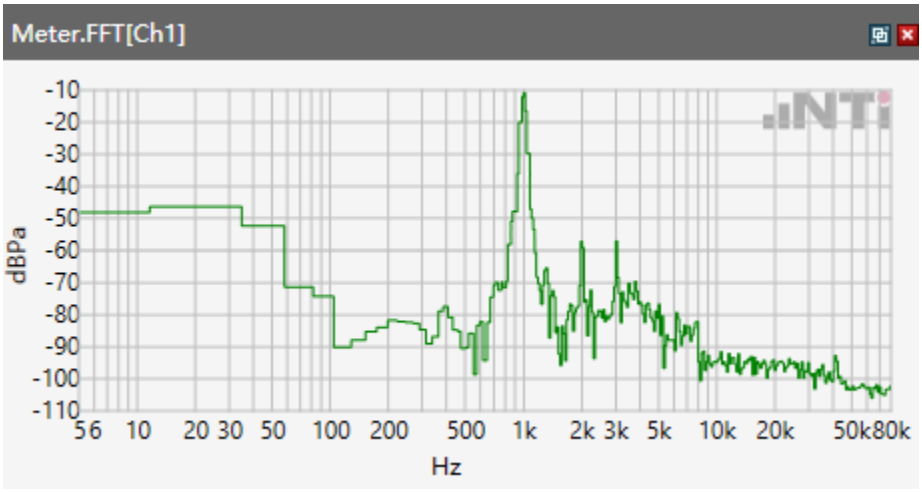
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WLAN 5.3GHz



Speech Level RCV: 85.64 dB[SPL]

Calculated Value: 15.64 dB OK

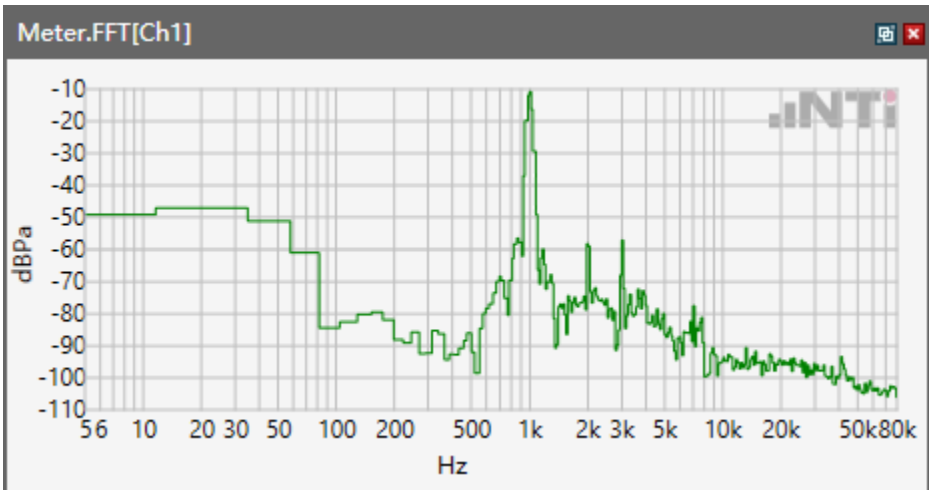
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\WLAN 5.5GHz



Speech Level RCV: 85.37 dB[SPL]

Calculated Value: 15.37 dB OK

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

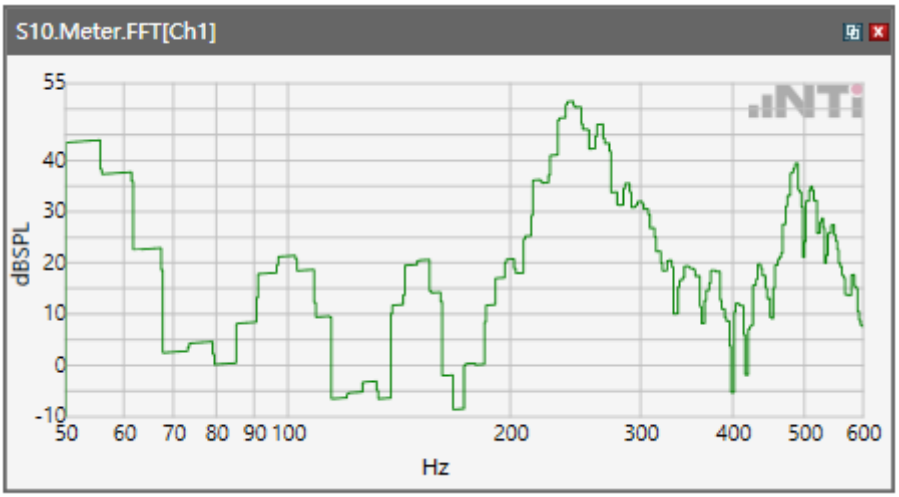


Speech Level RCV: 85.45 dB[SPL]

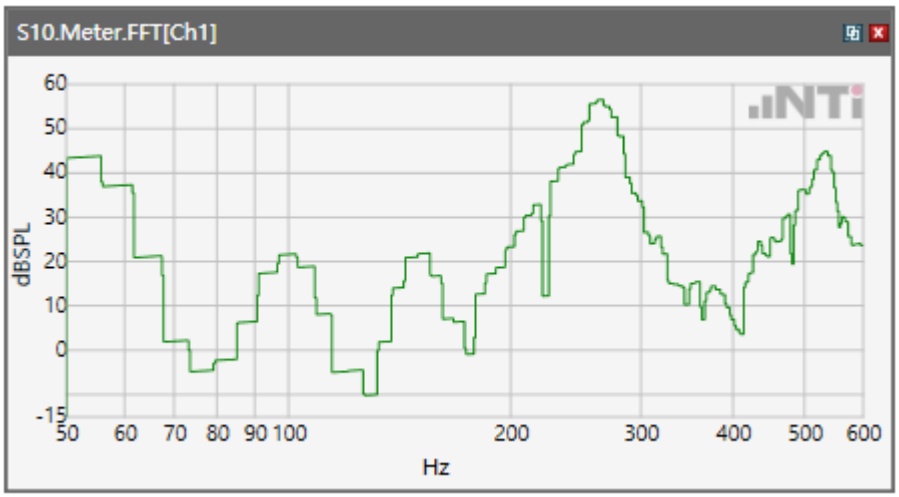
Calculated Value: 15.45 dB OK

Receive path - distortion and noise 250 WB only

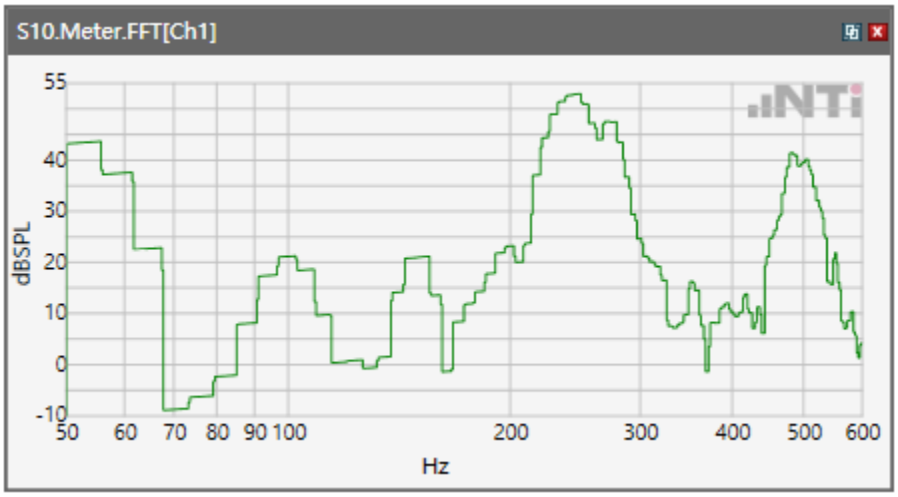
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



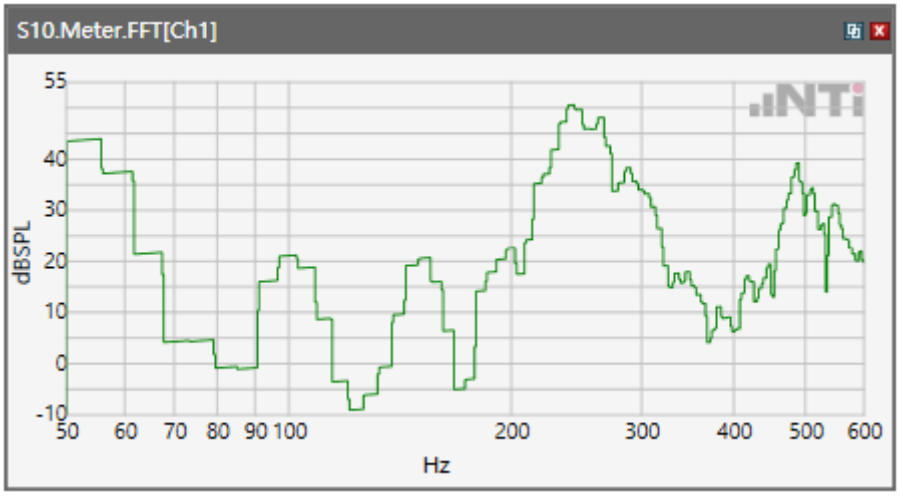
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



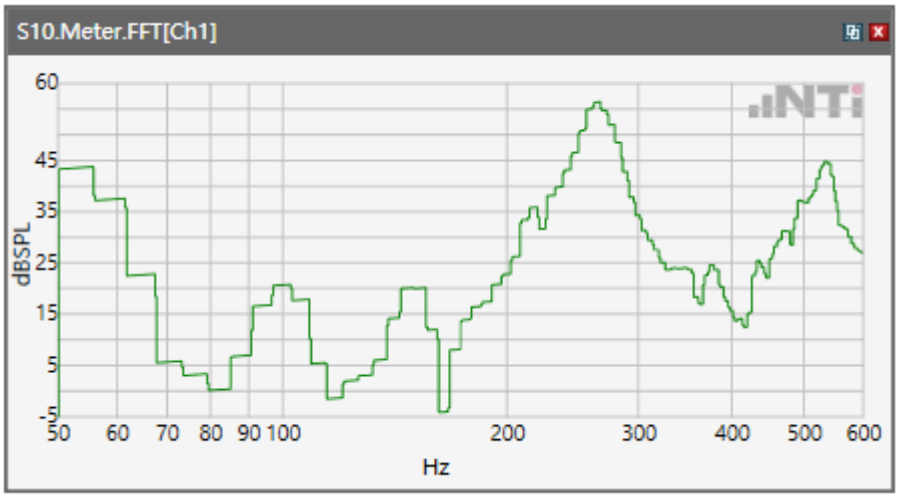
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



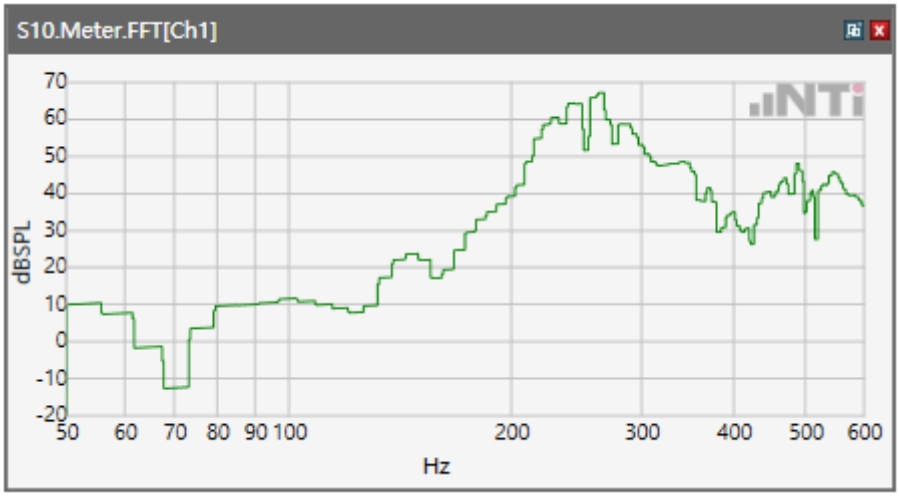
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band IV



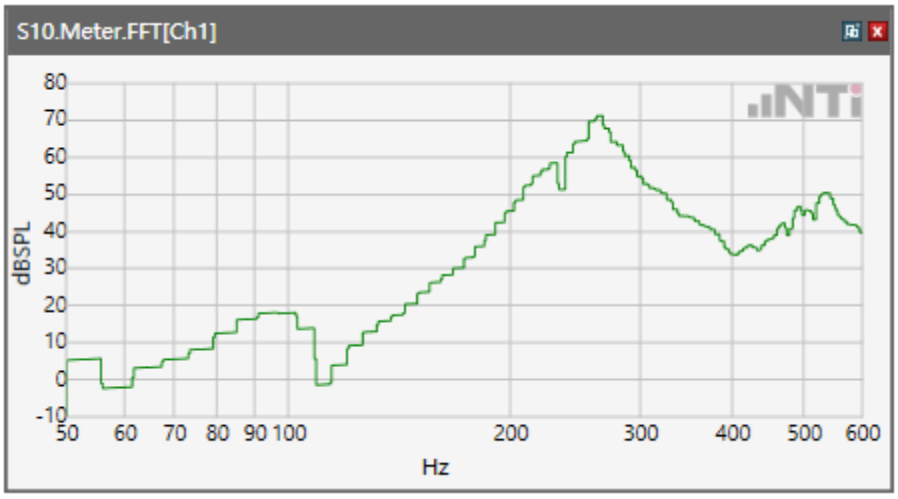
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band V



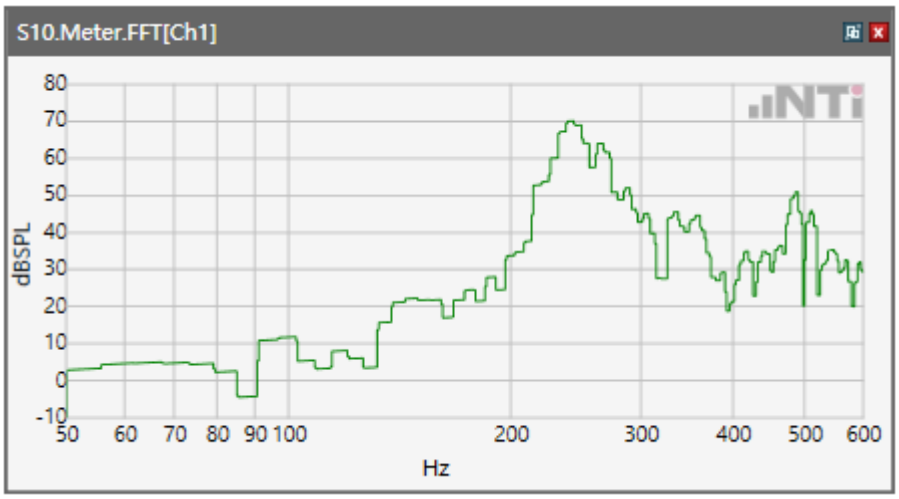
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



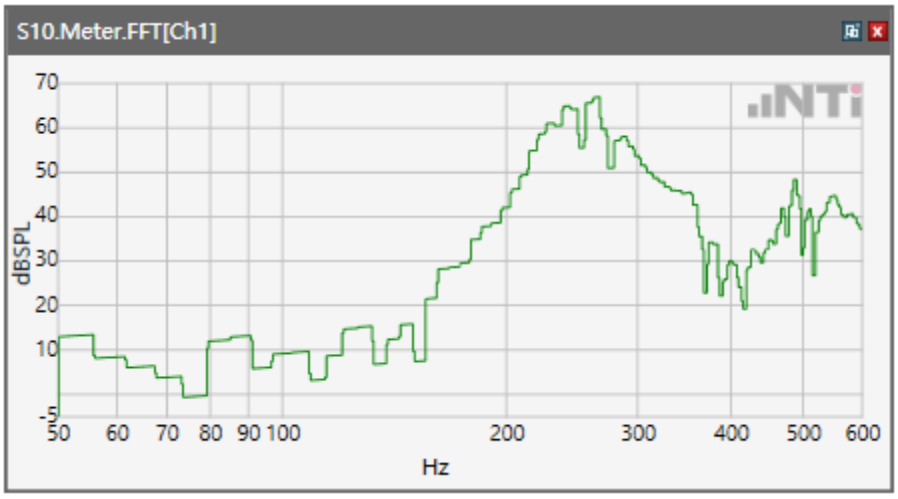
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



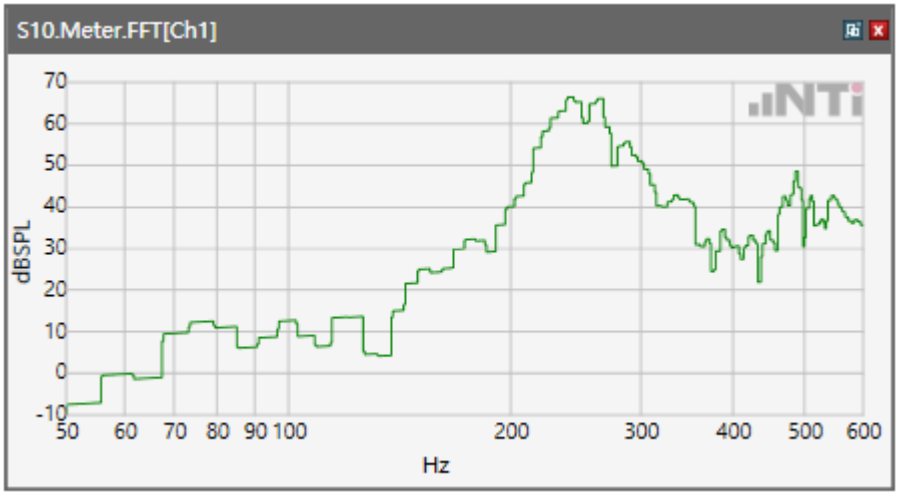
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



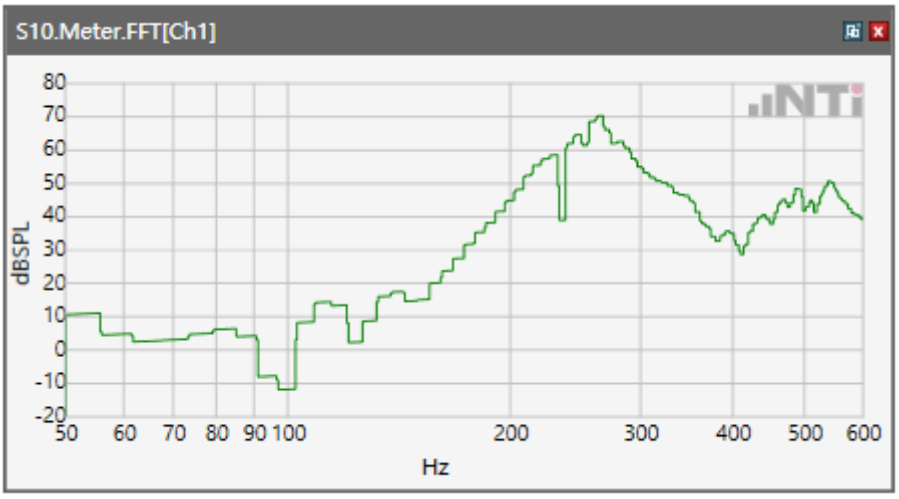
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



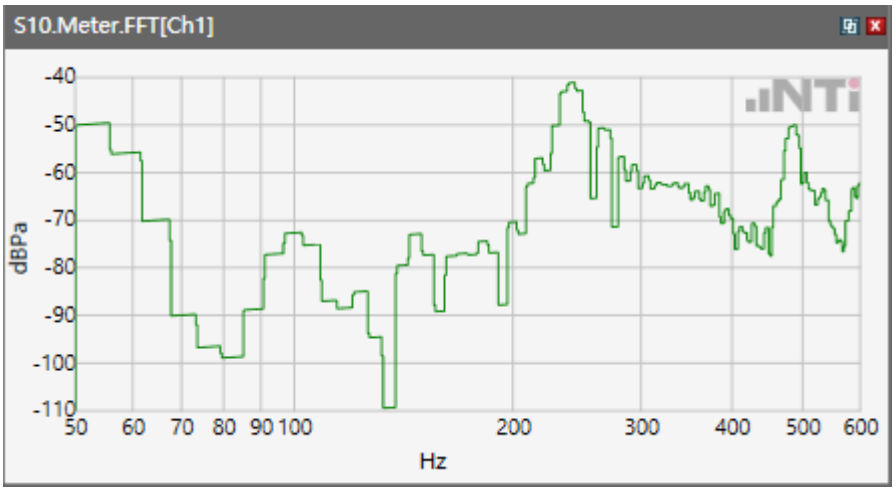
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



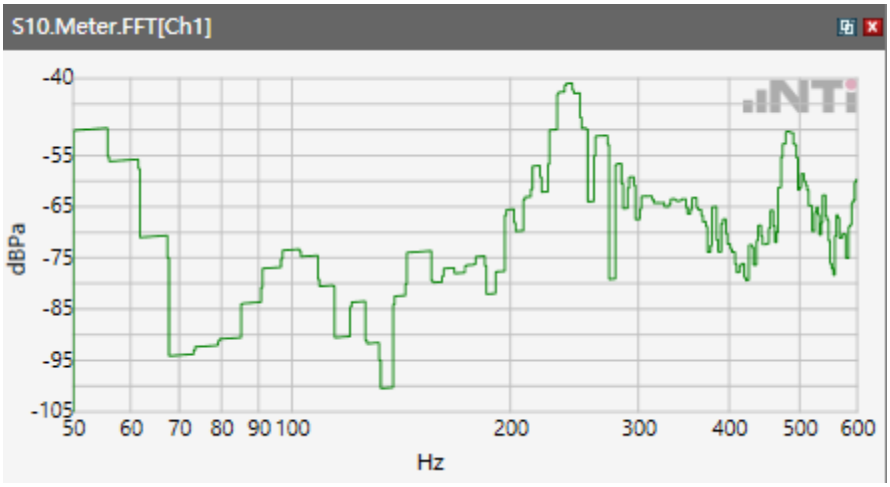
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



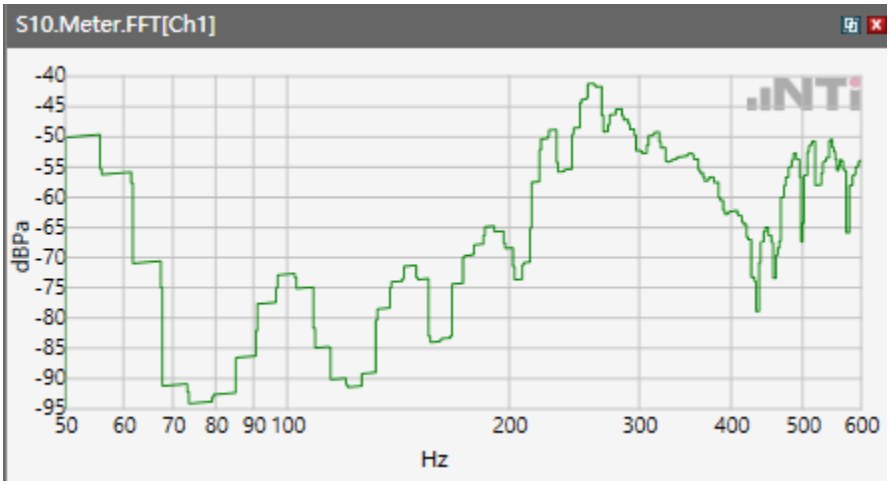
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



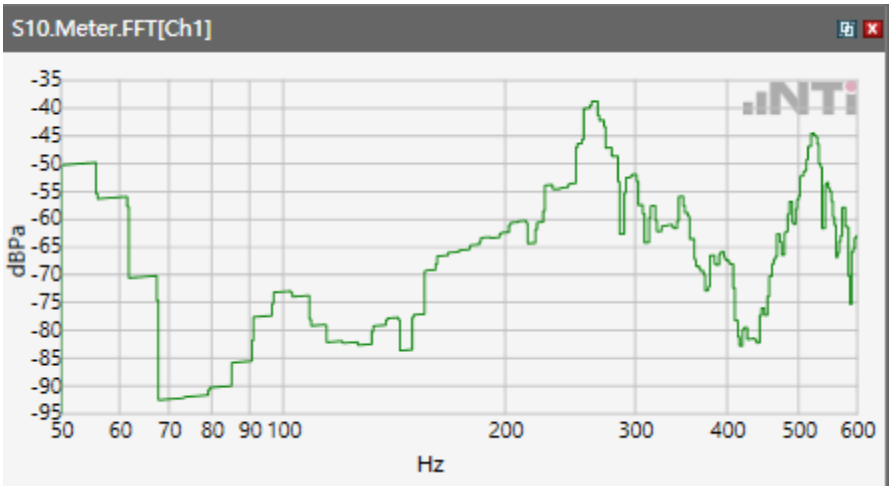
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



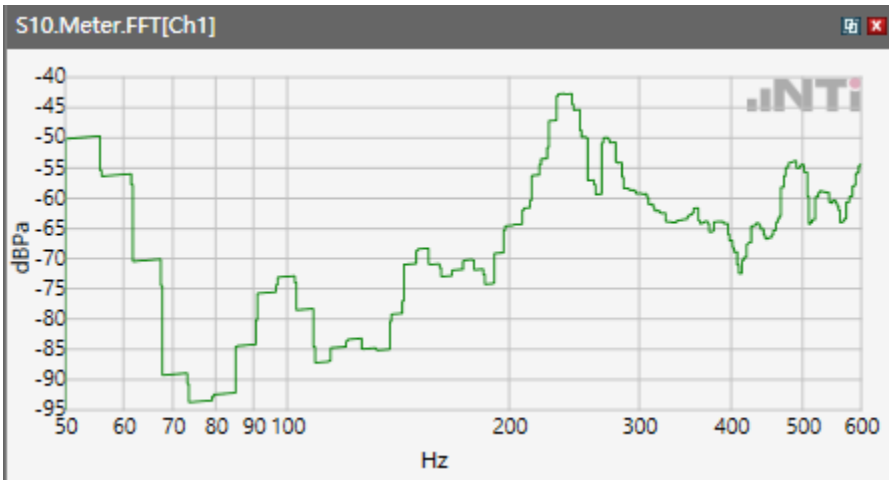
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

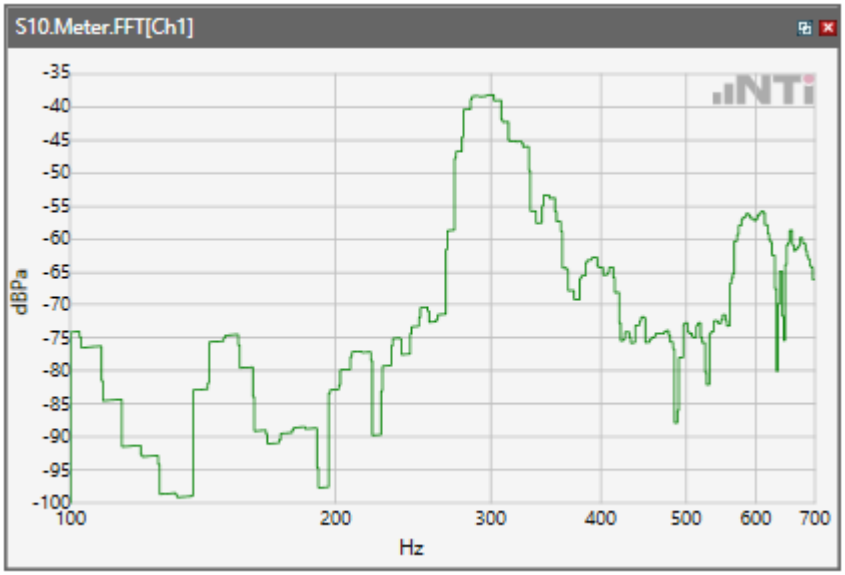


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

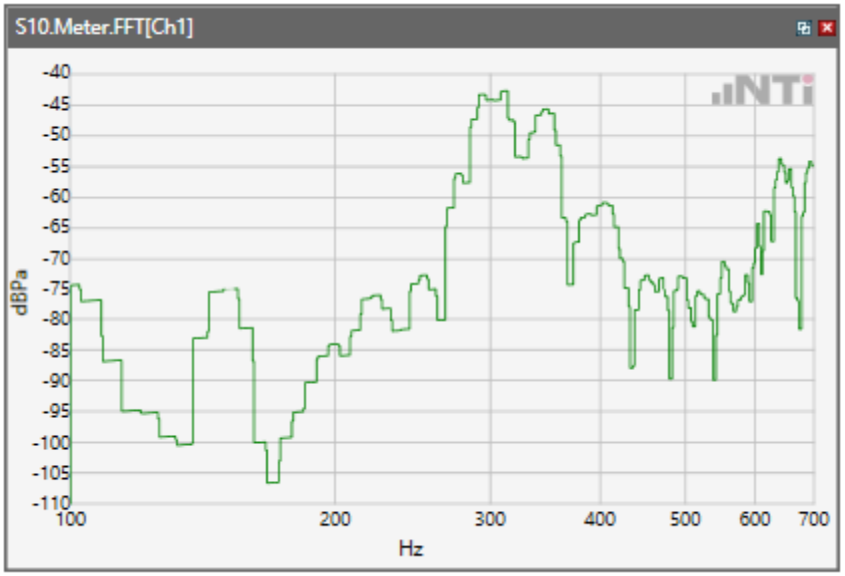


Receive path - distortion and noise 315Hz WB only

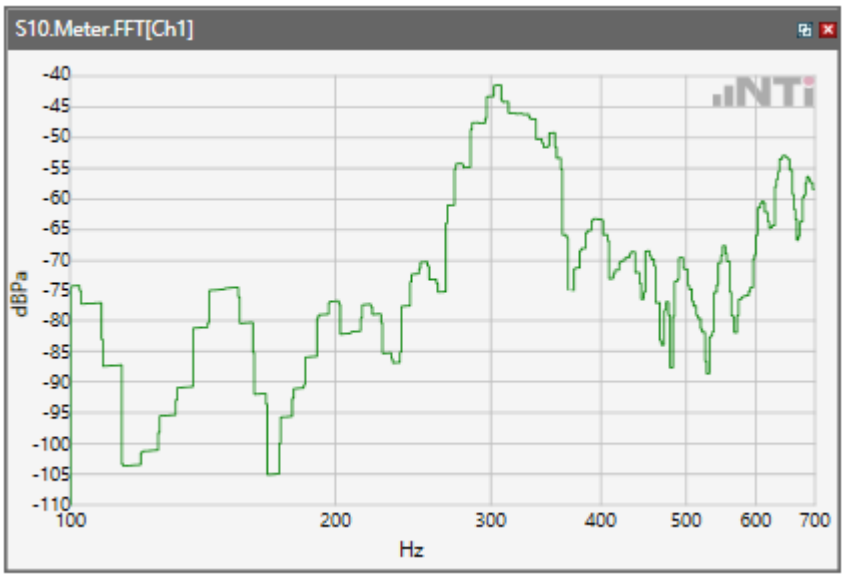
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



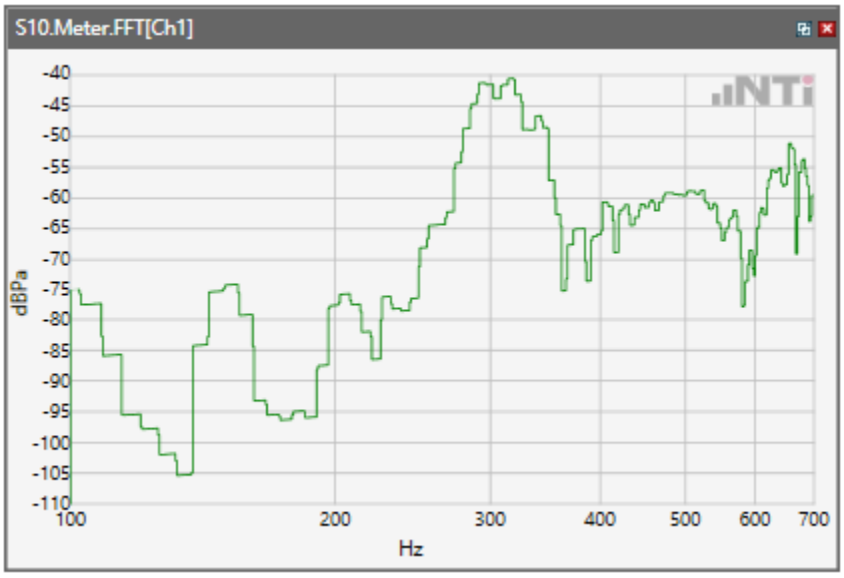
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



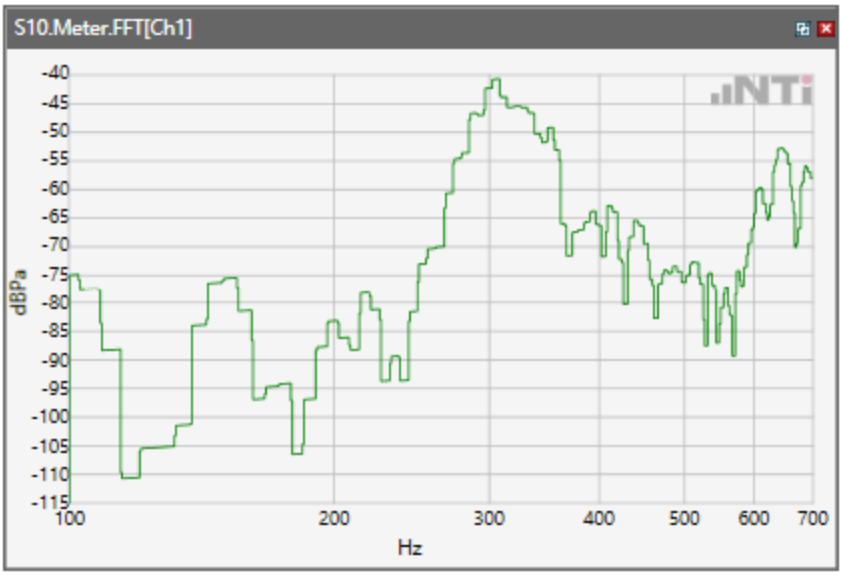
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



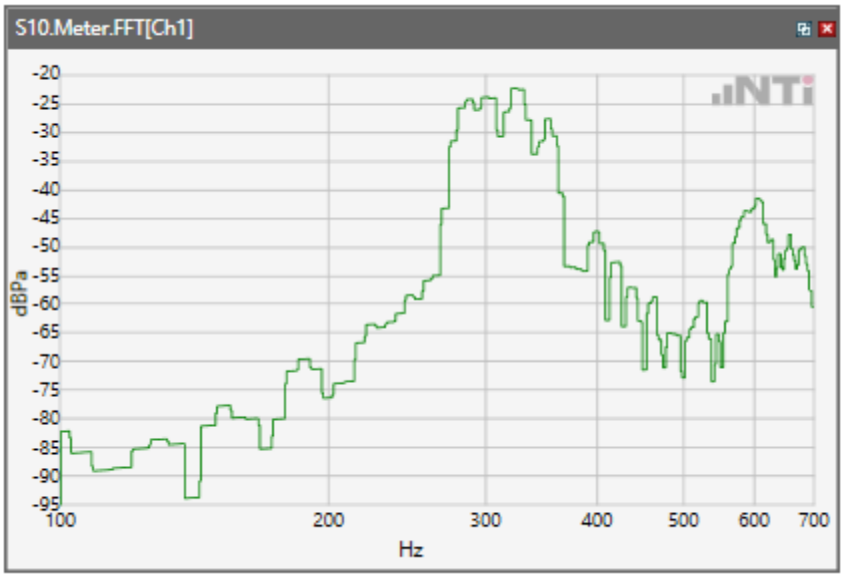
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band IV



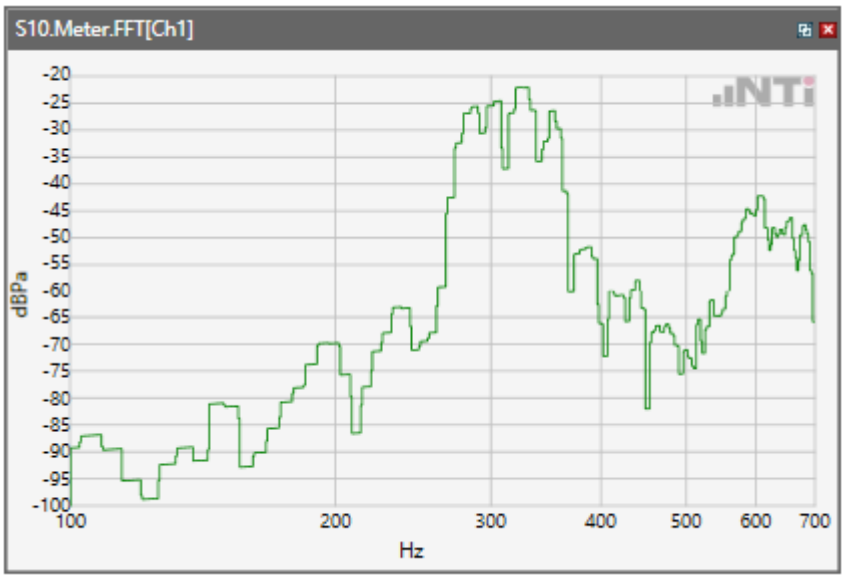
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band V



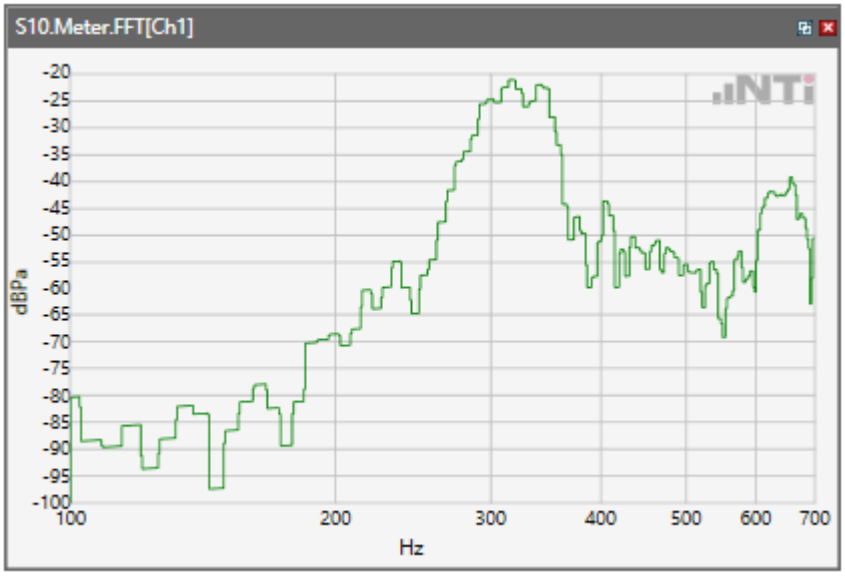
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



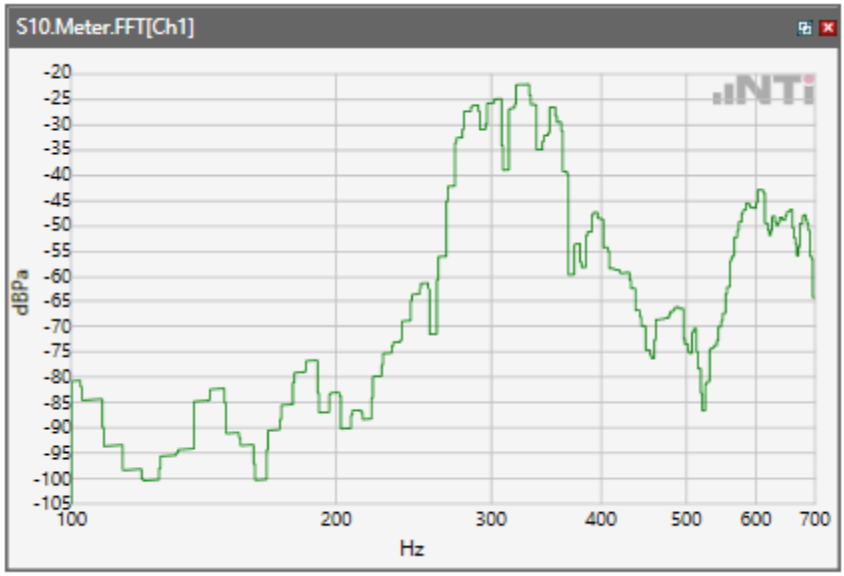
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



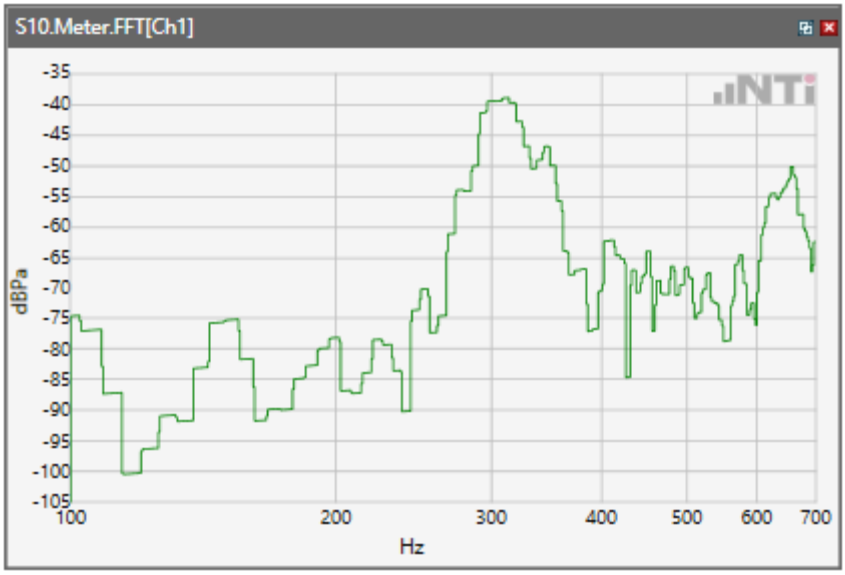
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



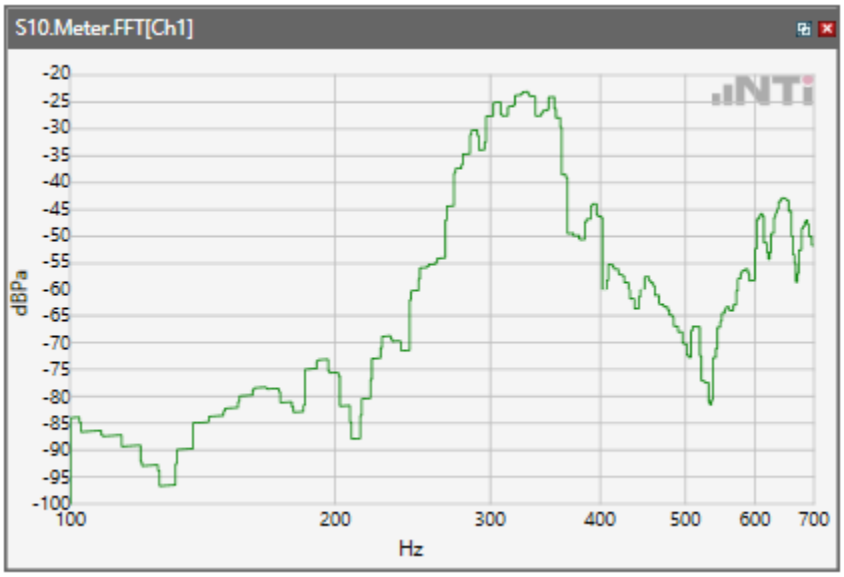
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



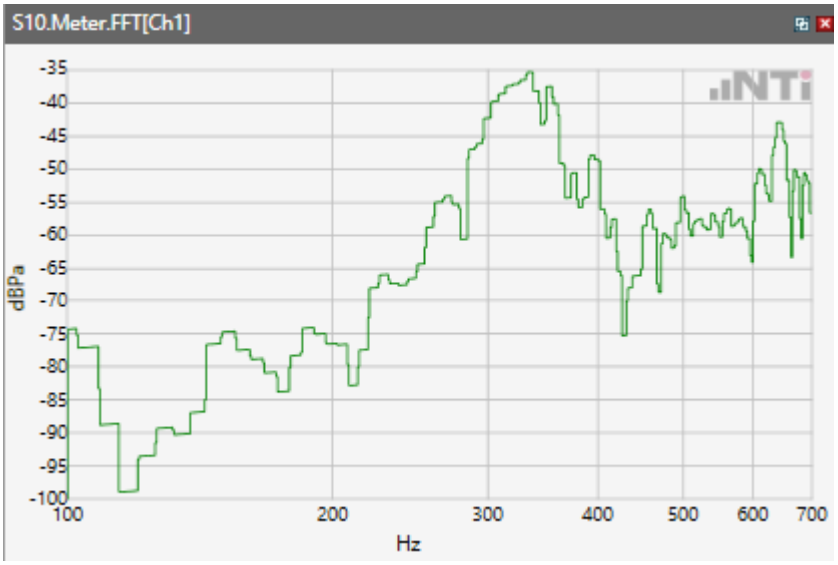
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



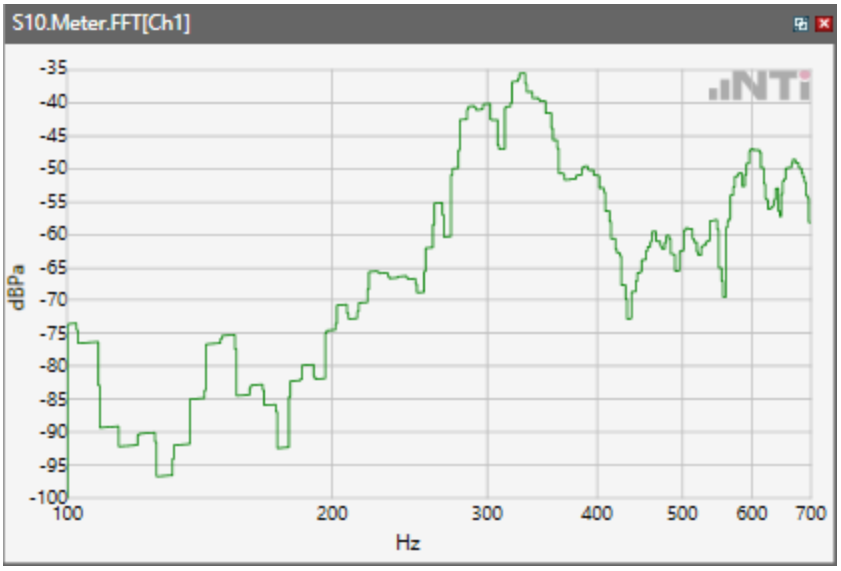
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



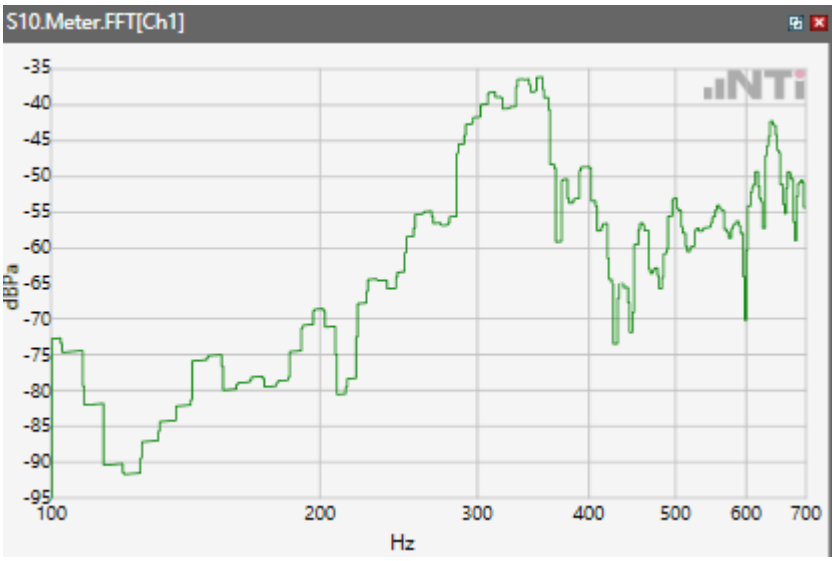
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



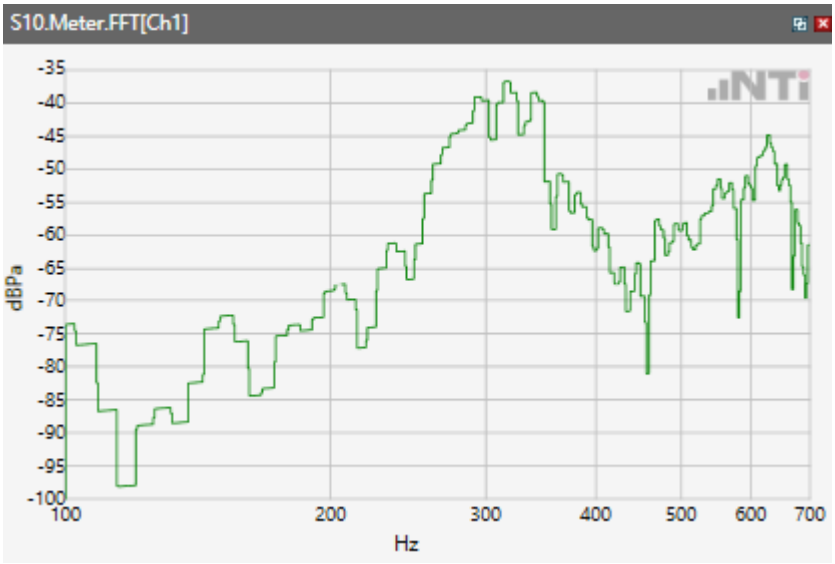
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



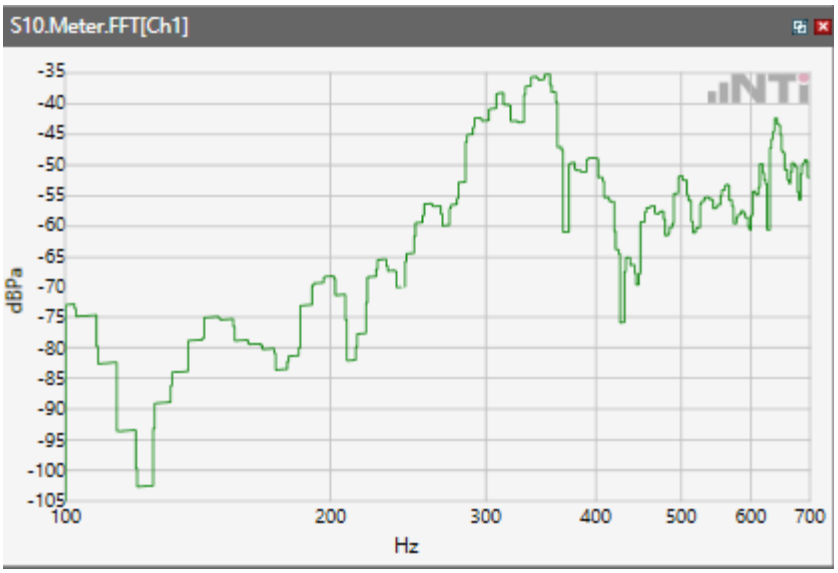
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

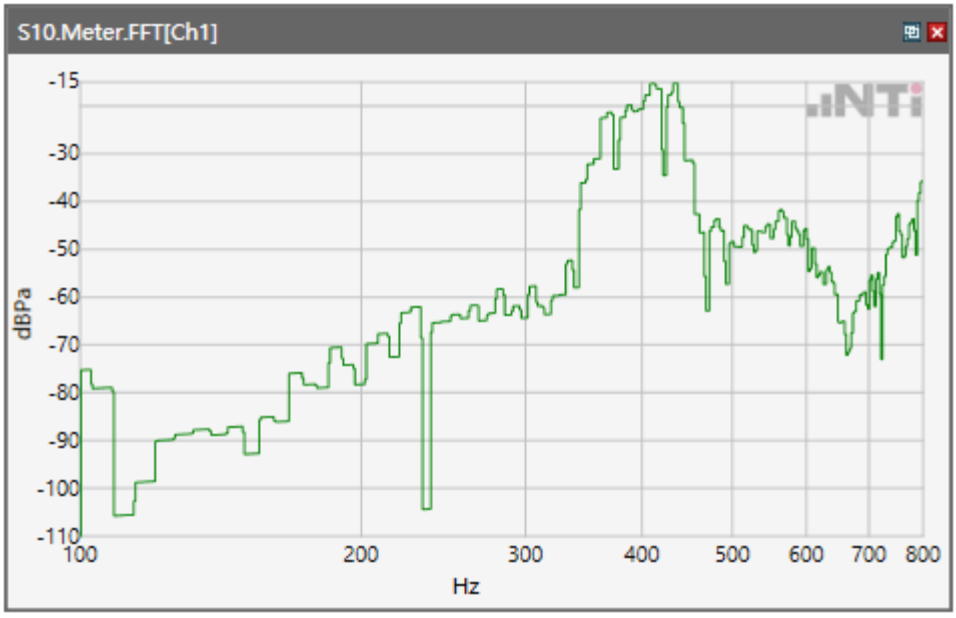


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

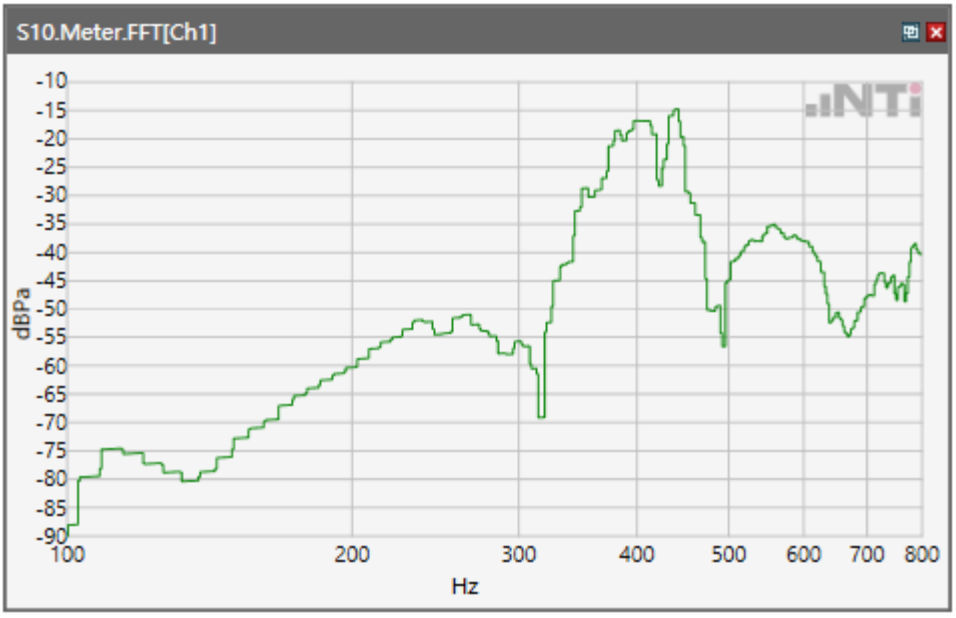


Receive path - distortion and noise 400Hz WB&NB

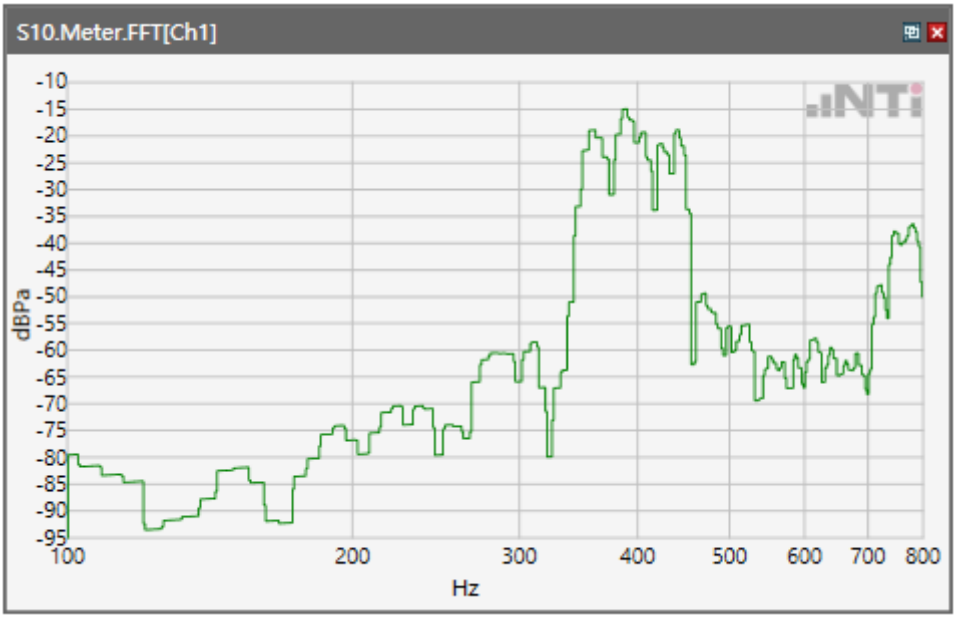
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



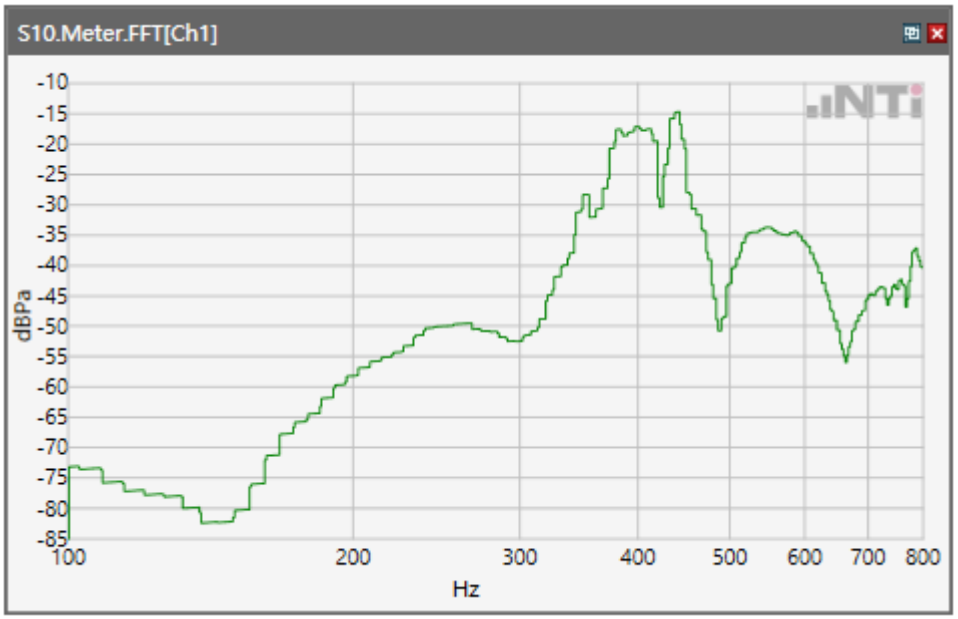
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



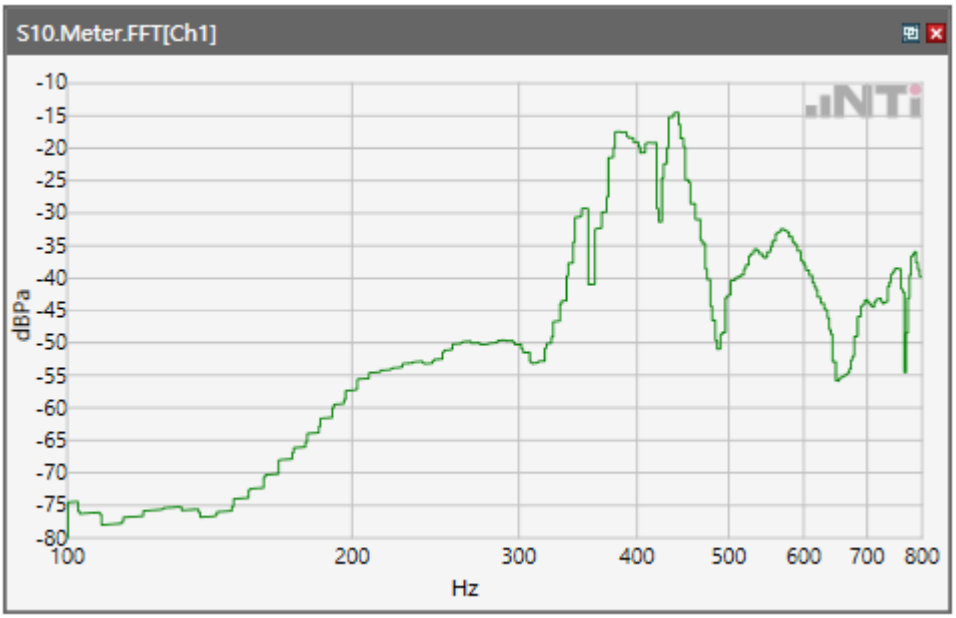
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



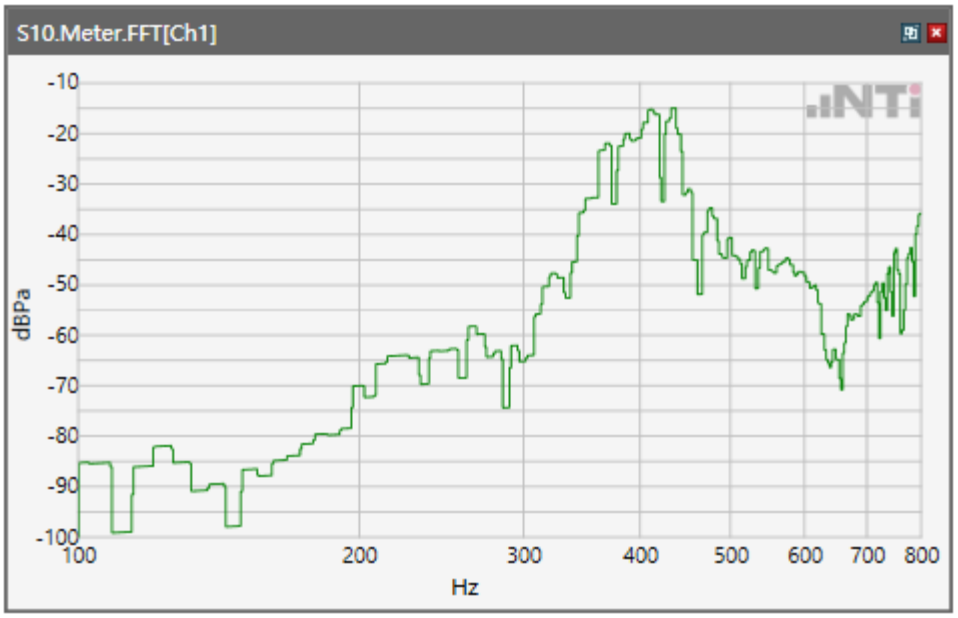
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band IV



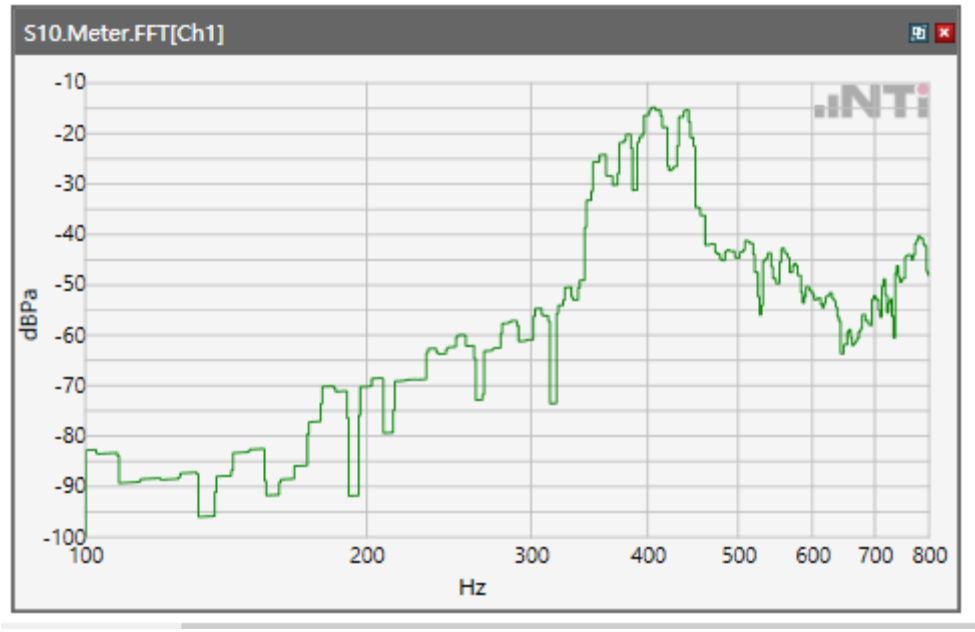
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band V



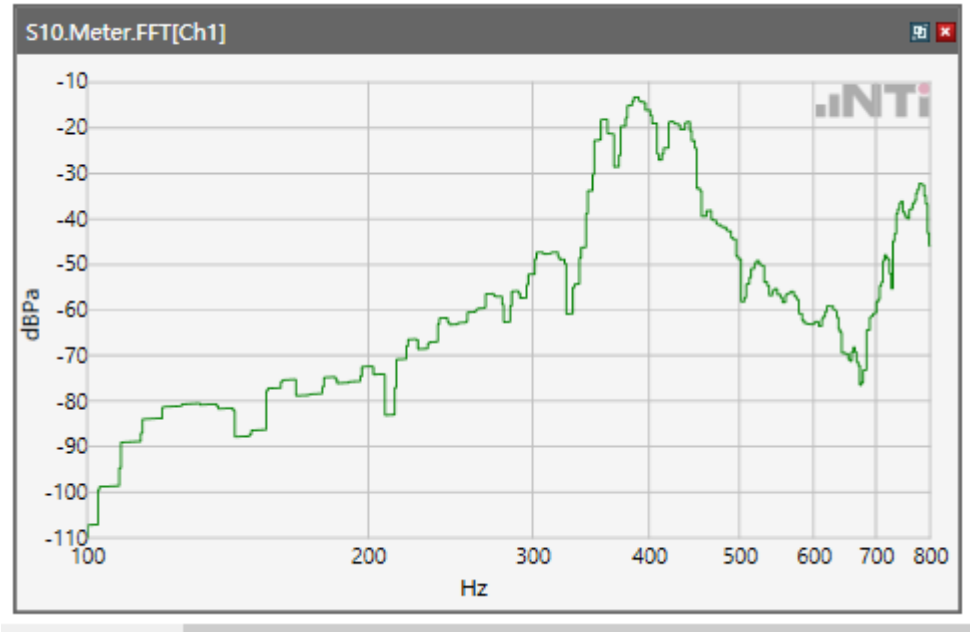
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



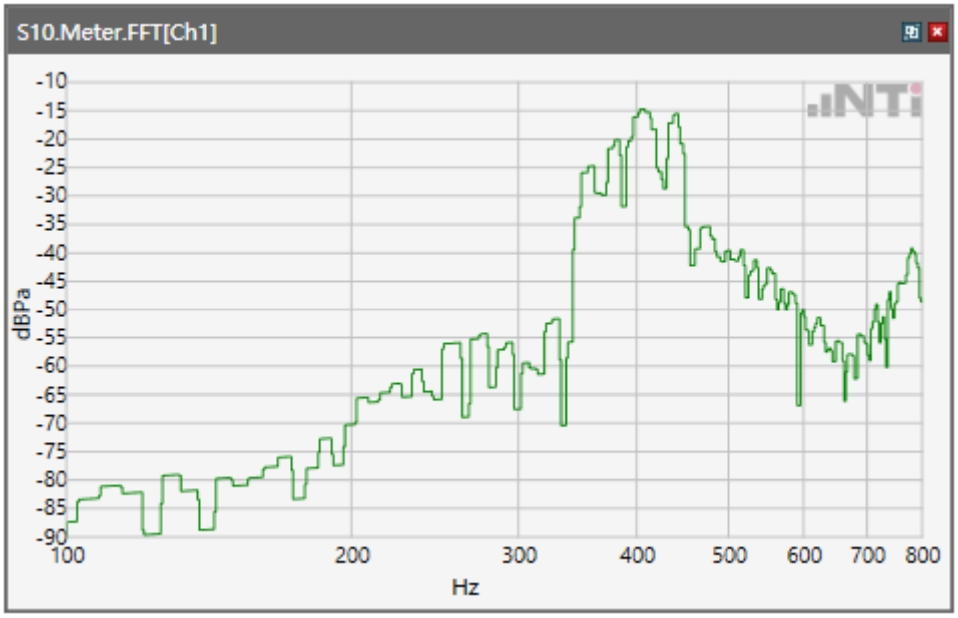
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



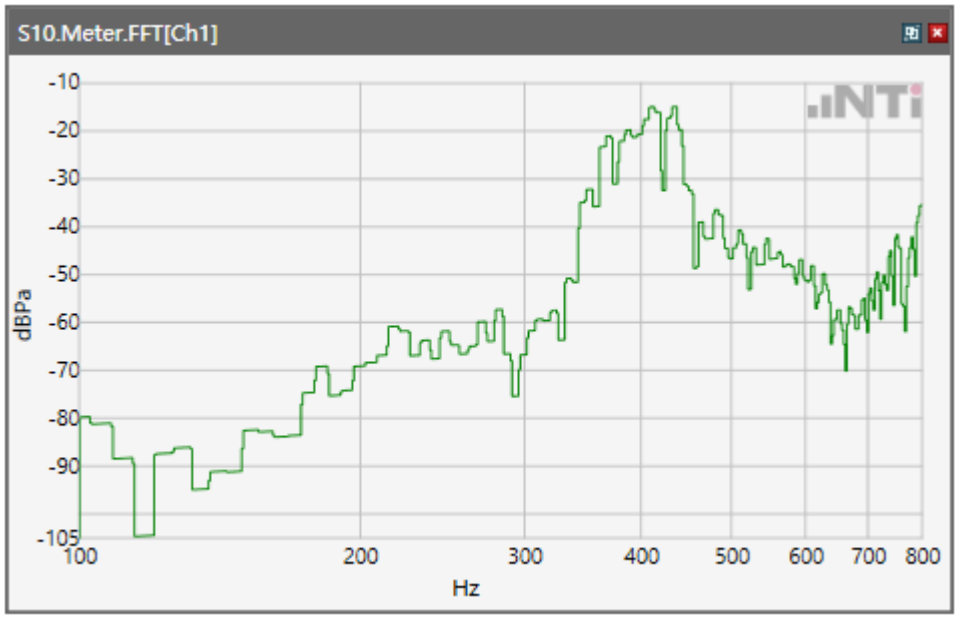
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



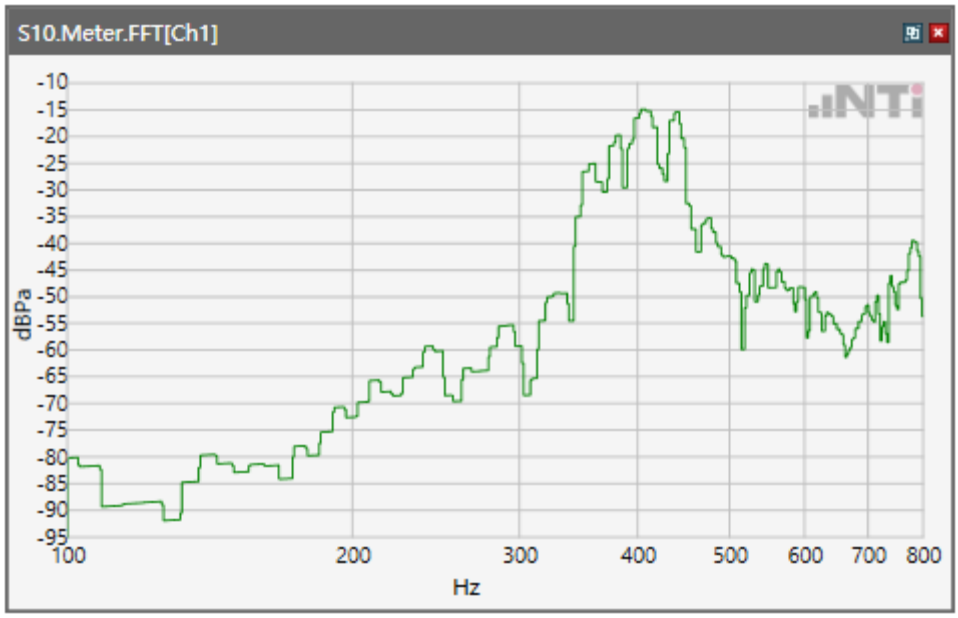
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



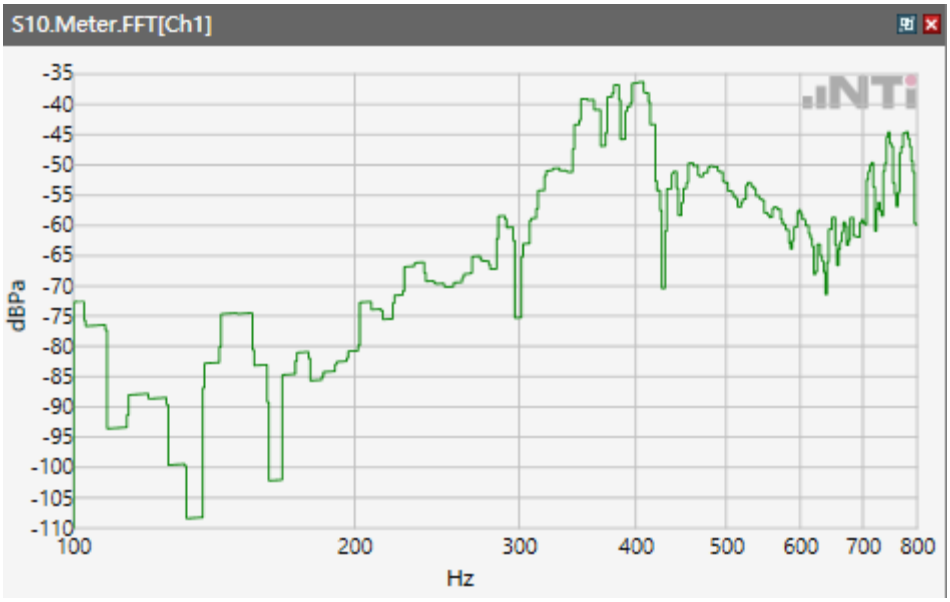
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



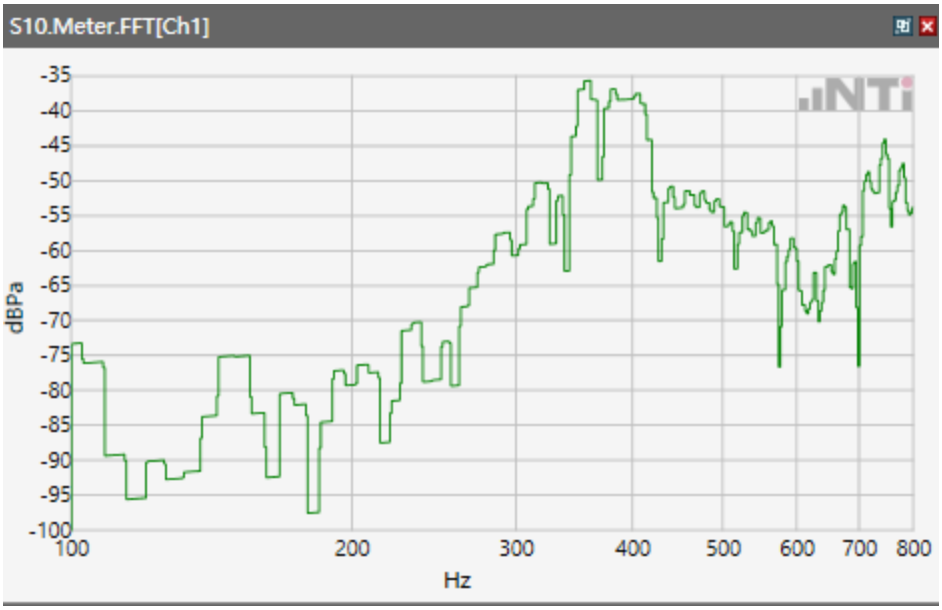
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



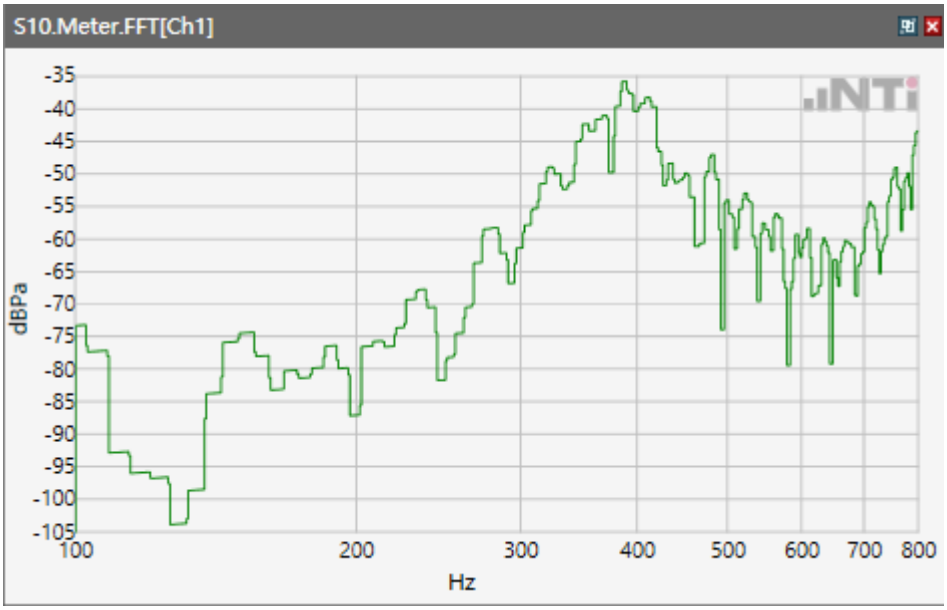
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



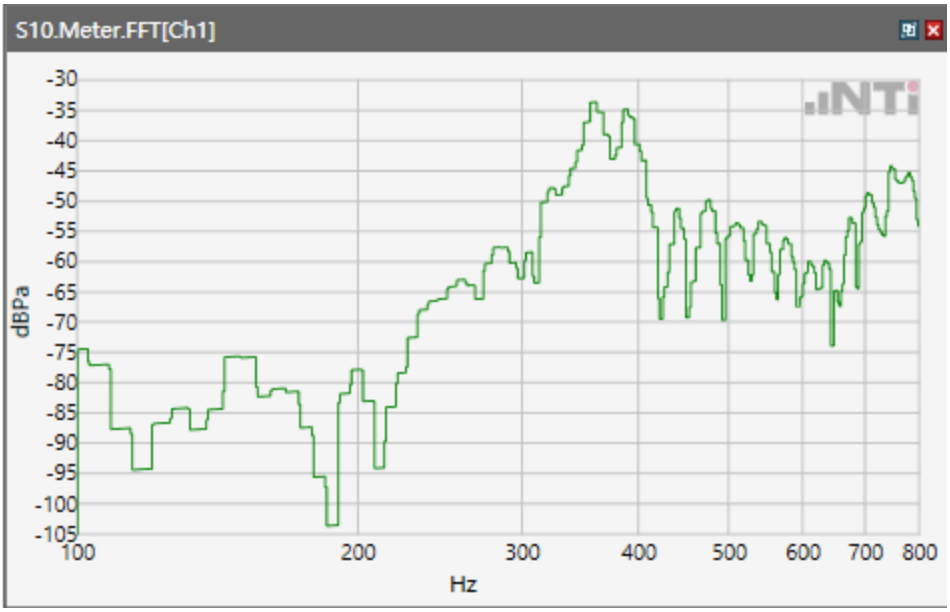
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



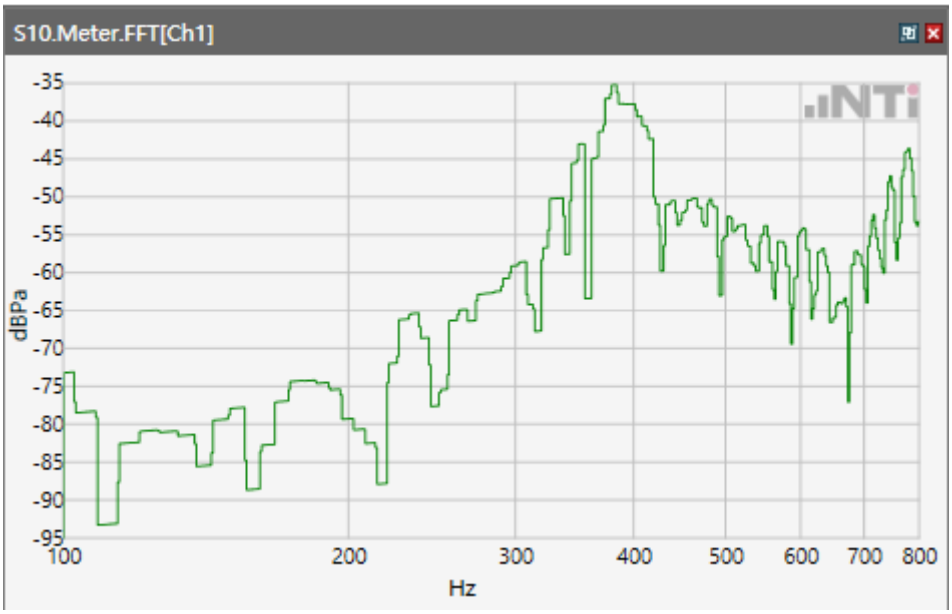
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

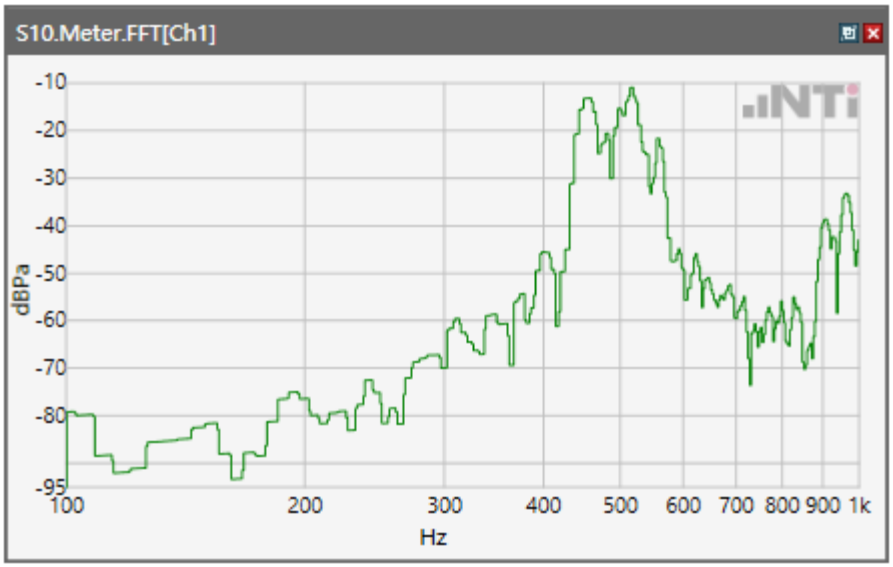


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

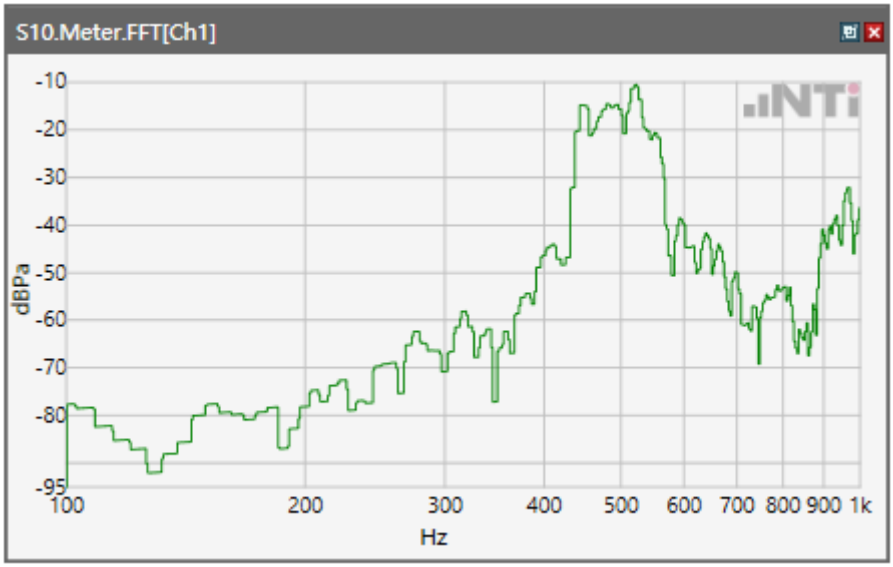


Receive path - distortion and noise 500Hz WB&NB

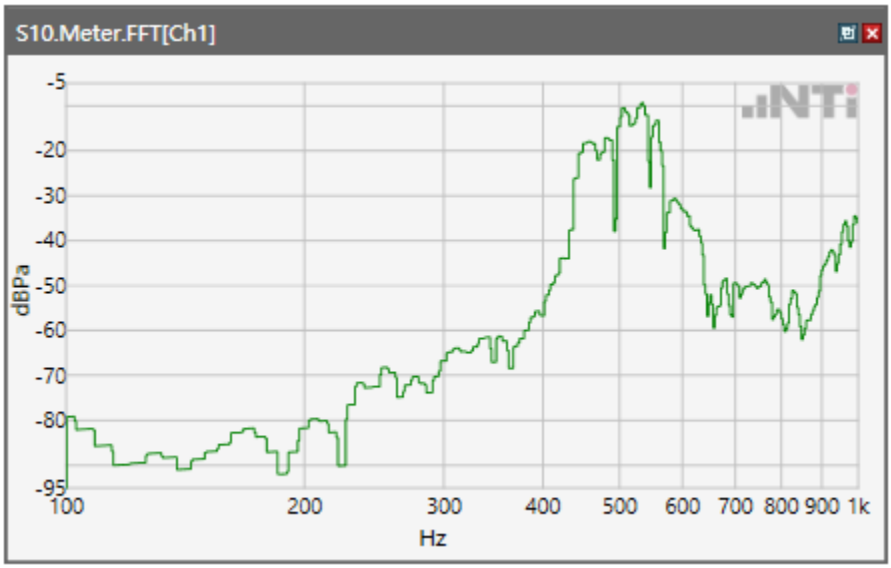
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\GSM 850



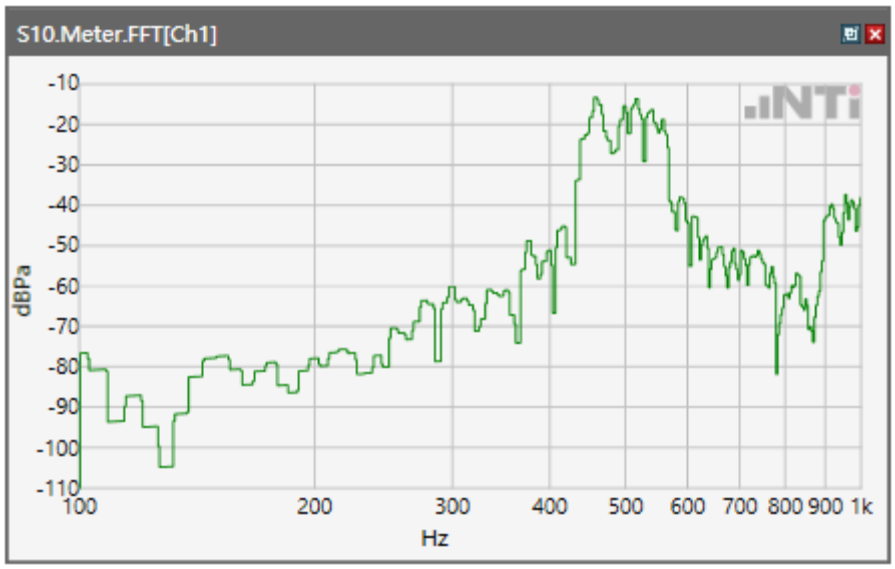
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



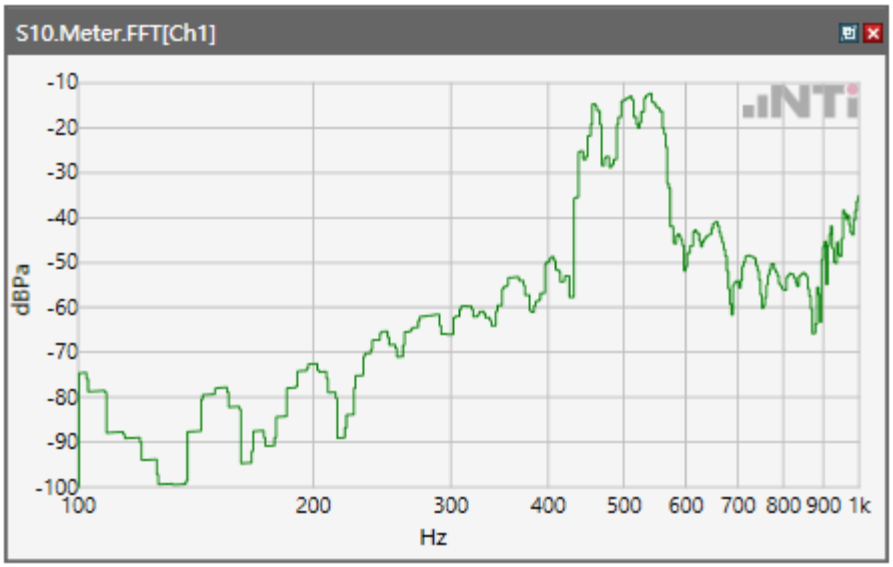
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



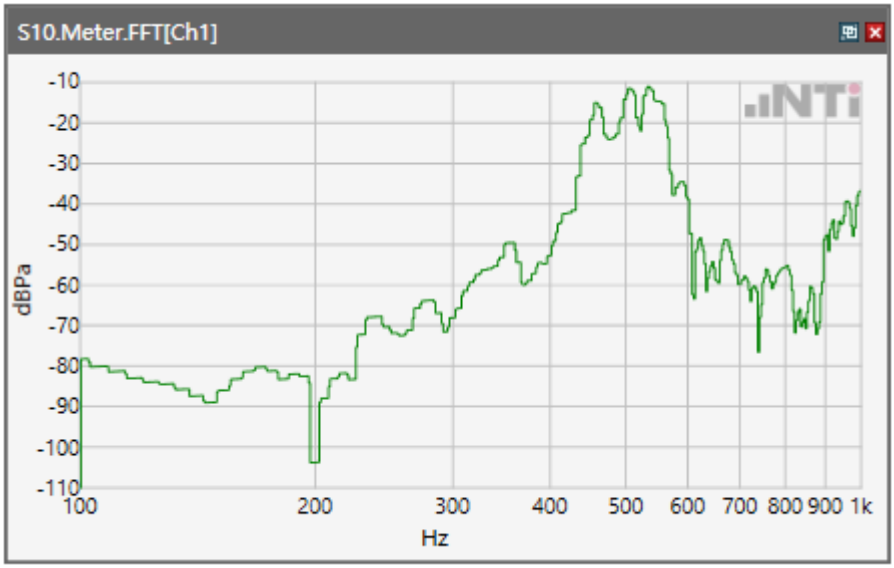
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band IV



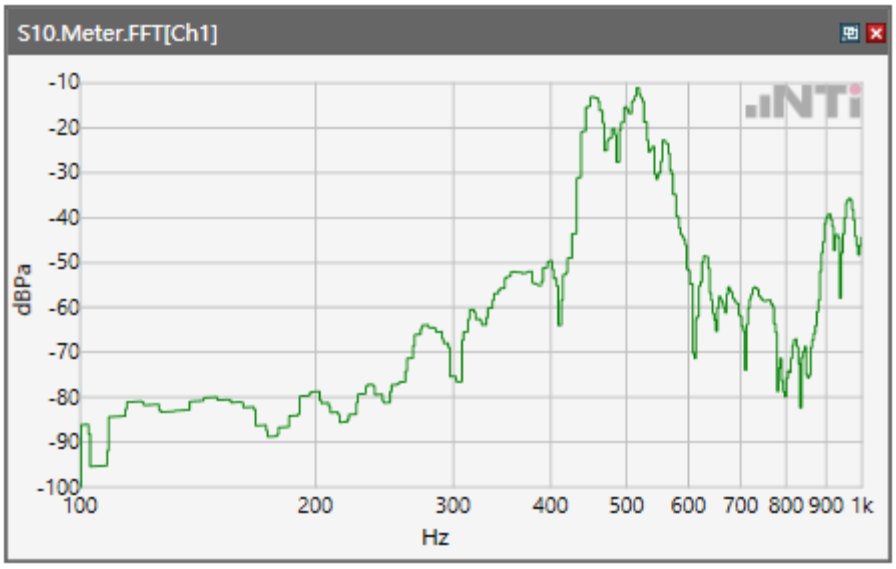
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ WCDMA Band V



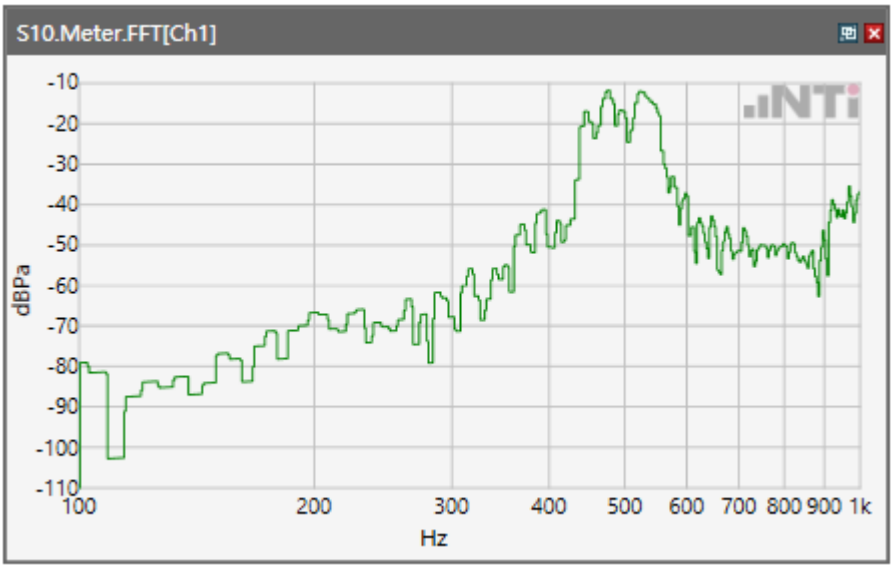
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



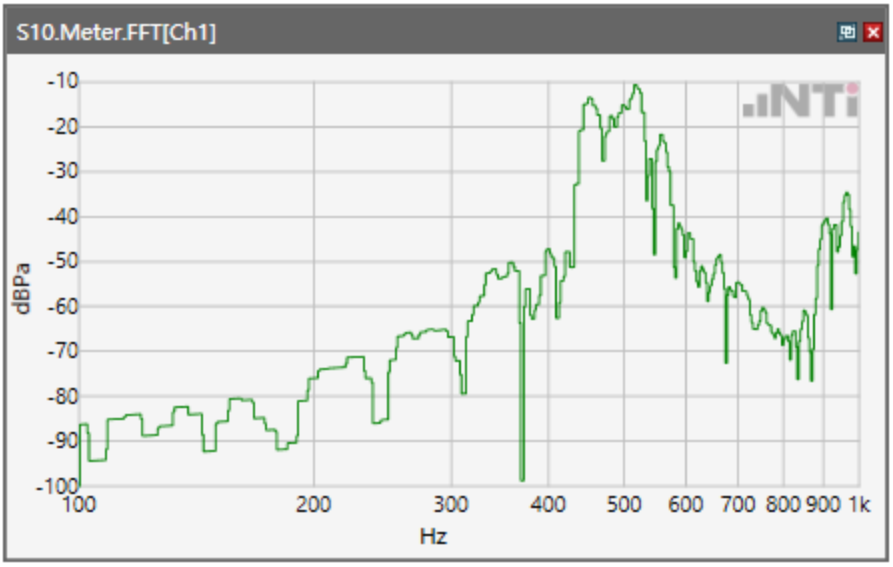
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



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 12



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