



REPORT No.: SZ24120367S04

Annex D Test Results of Volume Control

Measurement Protocol

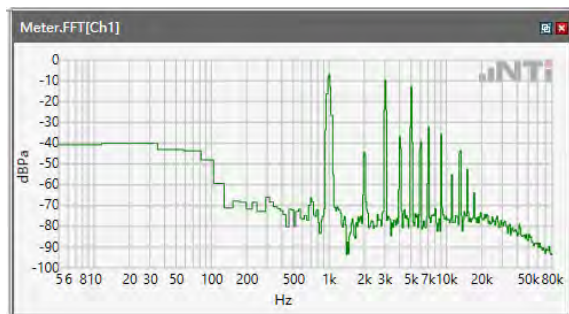
Project	SZ24120367 of TIA 5050 v1
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Receive path - distortion and noise 400Hz WB&NB	9
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5.1 Receive Volume Control Performance 8N---NB

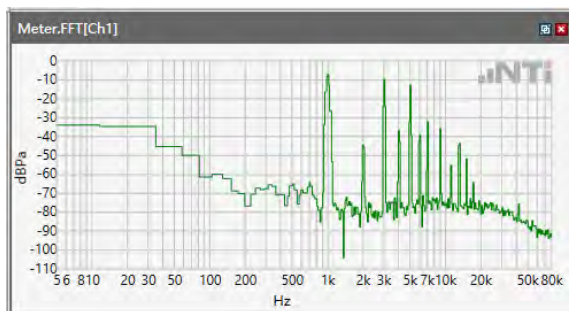
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 850



Speech Level RCV: 98.23 dB[SPL]

Calculated Value: 28.23 dB Ok

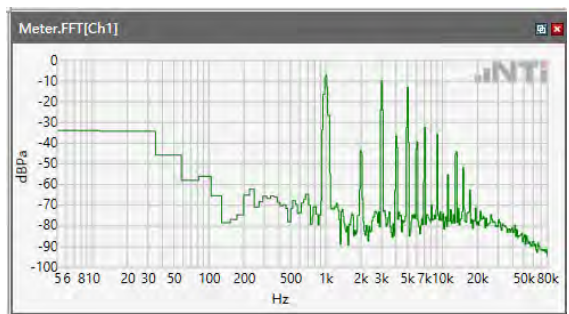
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 1900



Speech Level RCV: 98.15 dB[SPL]

Calculated Value: 28.15 dB Ok

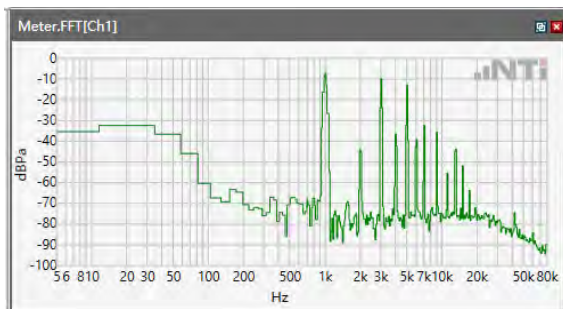
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 96.27 dB[SPL]

Calculated Value: 26.27 dB Ok

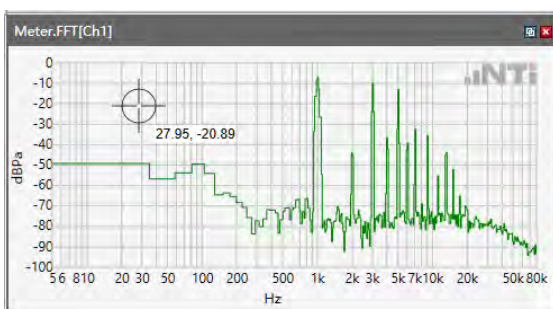
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band IV



Speech Level RCV: 96.19 dB[SPL]

Calculated Value:26.19 dB Ok

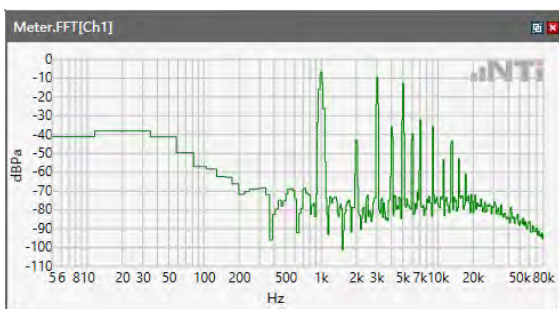
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 95.28 dB[SPL]

Calculated Value: 25.28 dB Ok

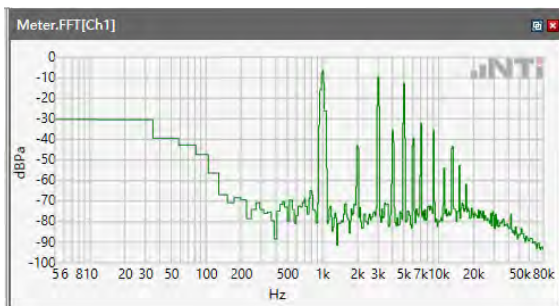
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 12



Speech Level RCV:97.43 dB[SPL]

Calculated Value: 27.43 dB Ok

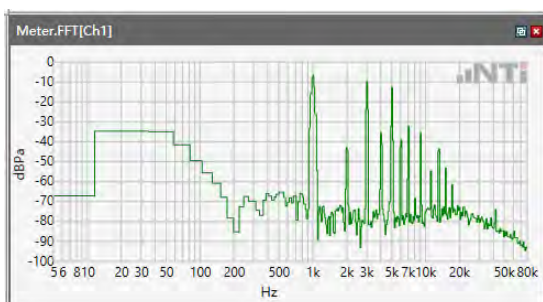
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 25



Speech Level RCV: 97.41 dB[SPL]

Calculated Value: 27.41 dB Ok

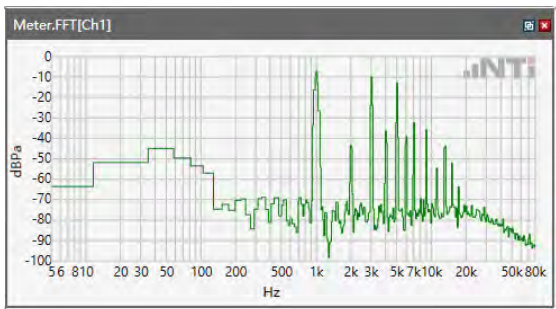
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 26



Speech Level RCV: 97.23 dB[SPL]

Calculated Value: 27.23 dB Ok

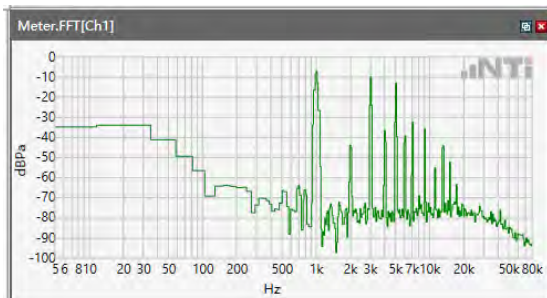
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 66



Speech Level RCV: 97.1 dB[SPL]

Calculated Value: 27.1 dB Ok

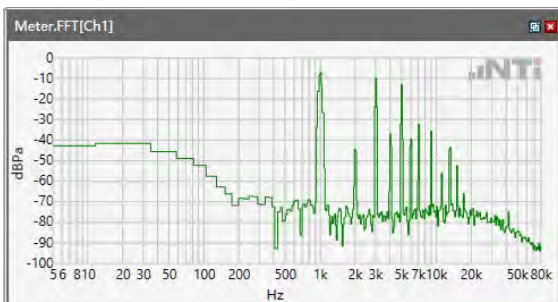
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 71



Speech Level RCV: 95.04 dB[SPL]

Calculated Value: 25.04 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WLAN 2.4GHz

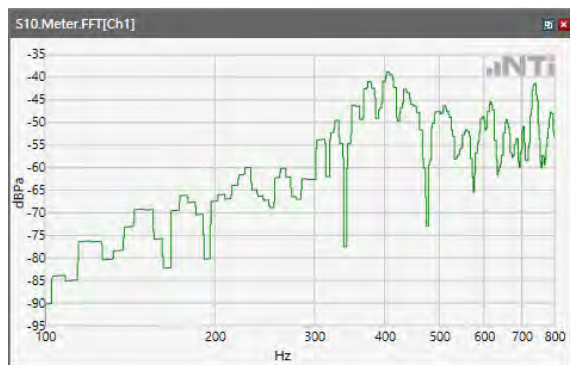


Speech Level RCV: 99.79 dB[SPL]

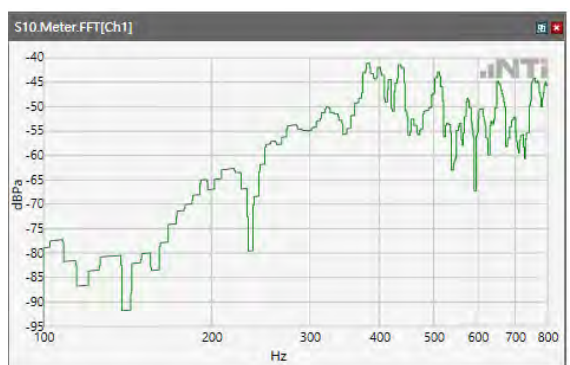
Calculated Value: 29.79 dB Ok

Receive path - distortion and noise 400Hz WB&NB

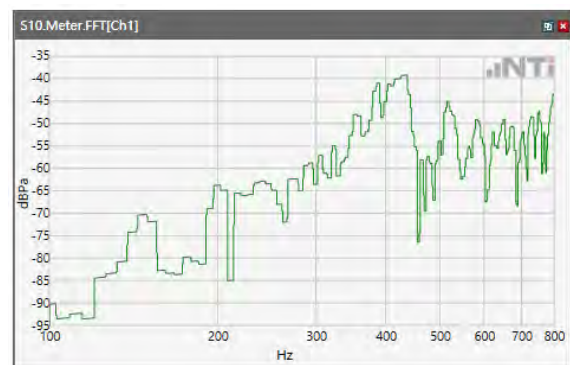
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



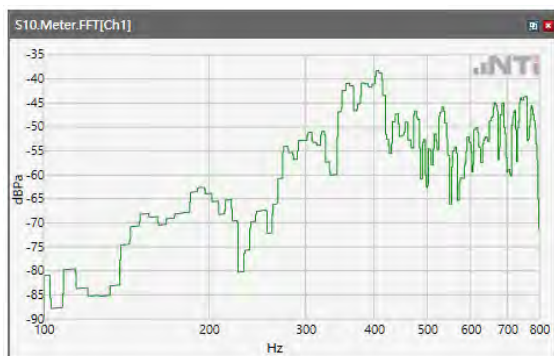
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



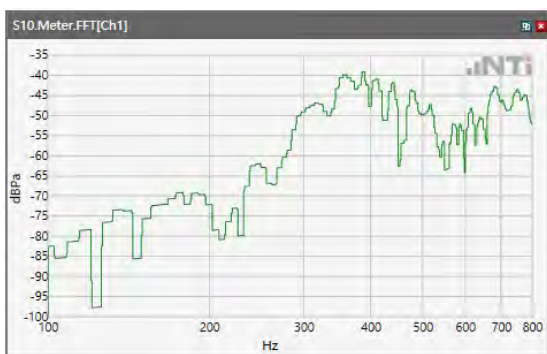
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



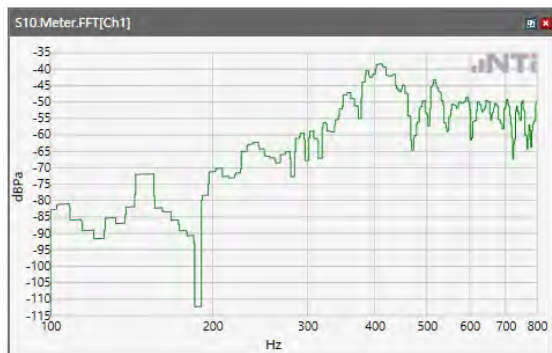
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



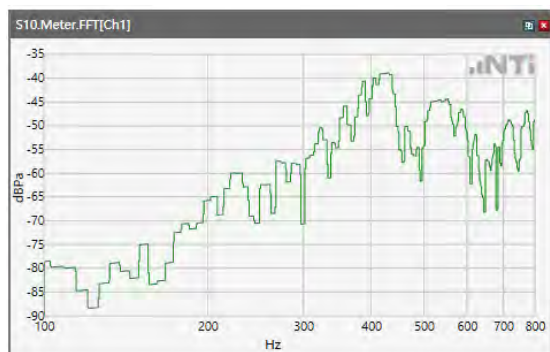
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



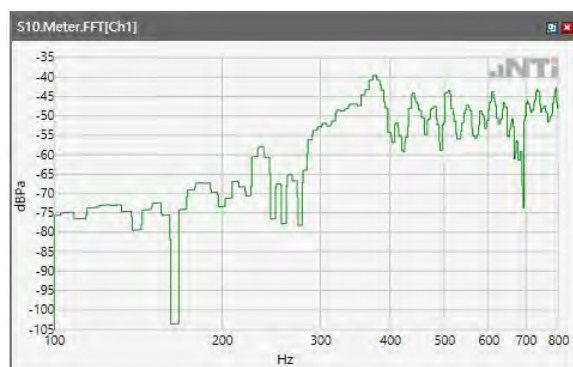
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



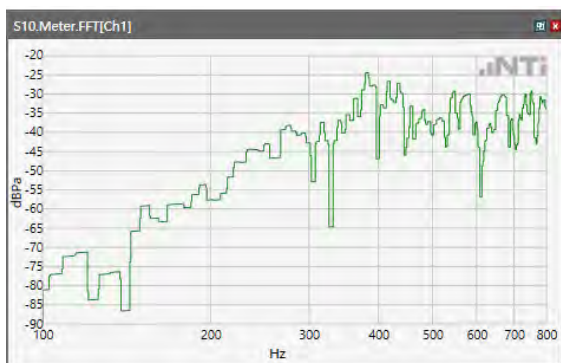
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



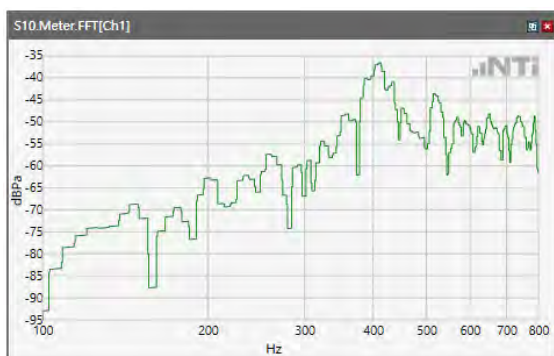
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



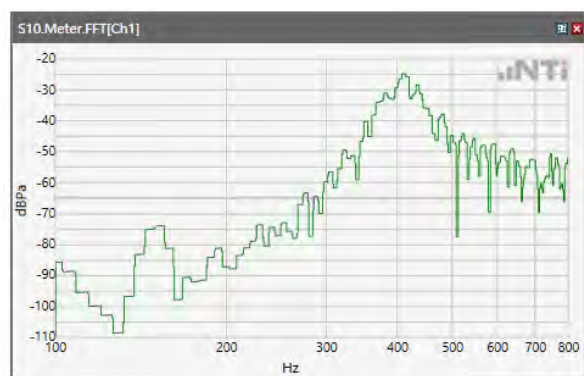
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

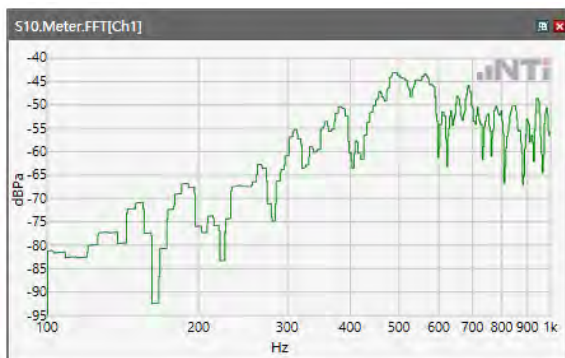


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

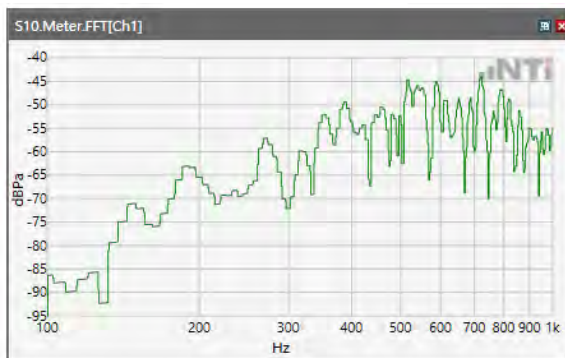


Receive path - distortion and noise 500Hz WB&NB

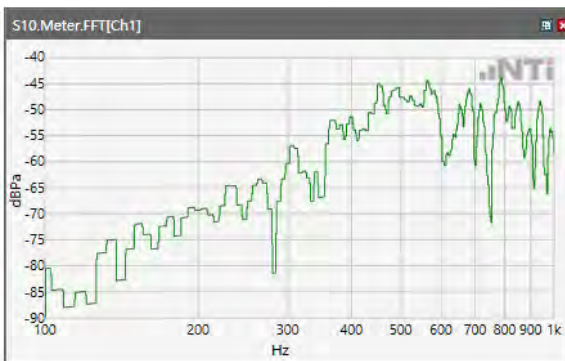
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



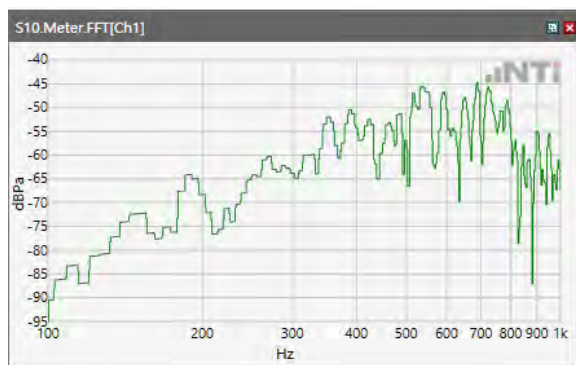
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



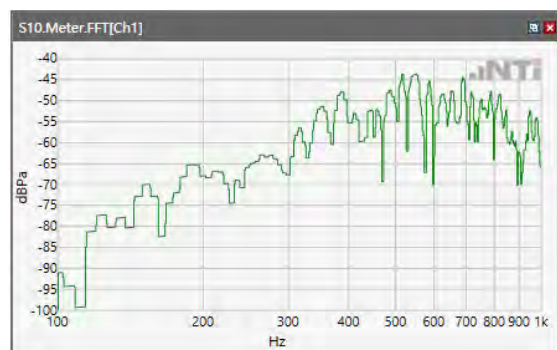
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



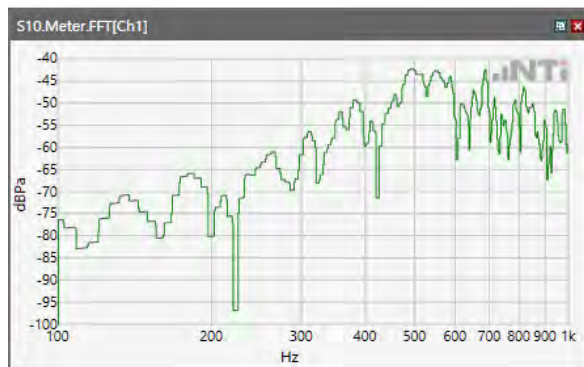
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



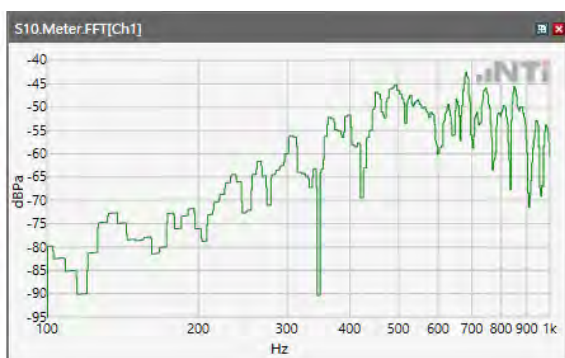
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



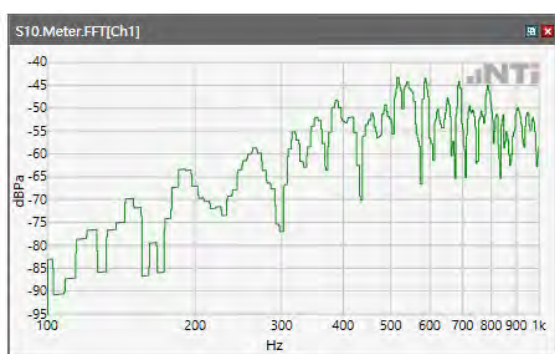
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



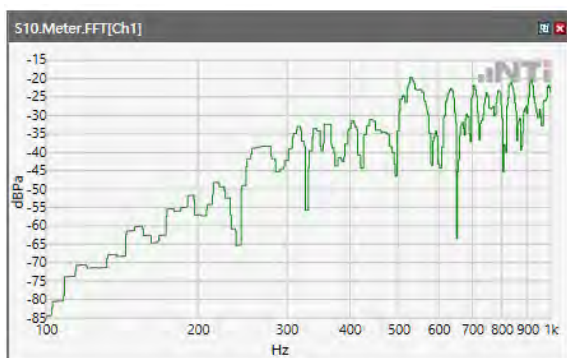
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



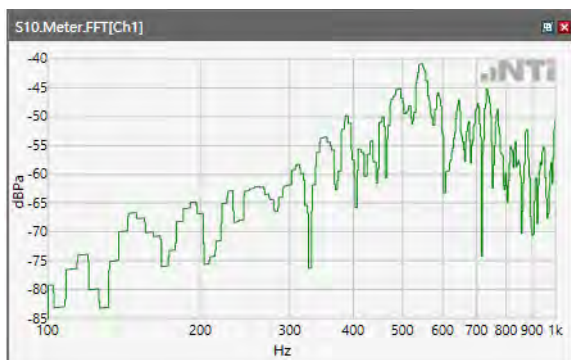
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



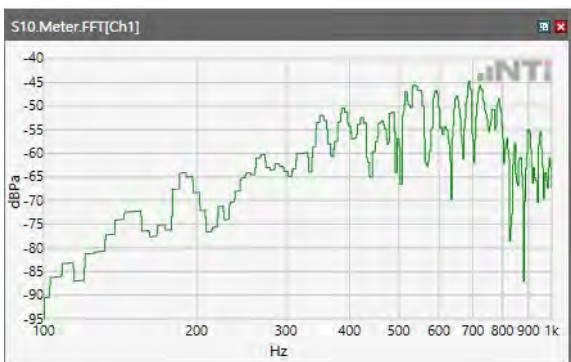
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71

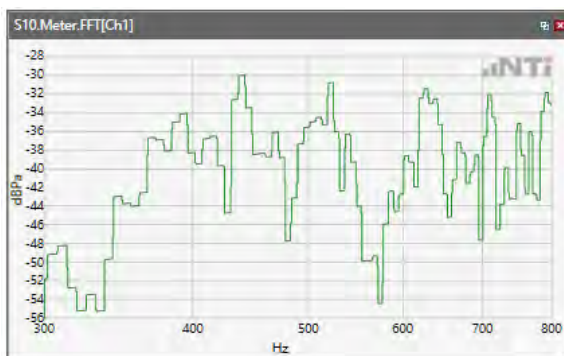


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

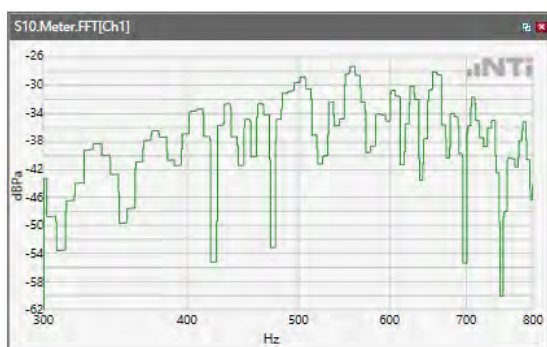


Receive path - distortion and noise 630Hz WB&NB

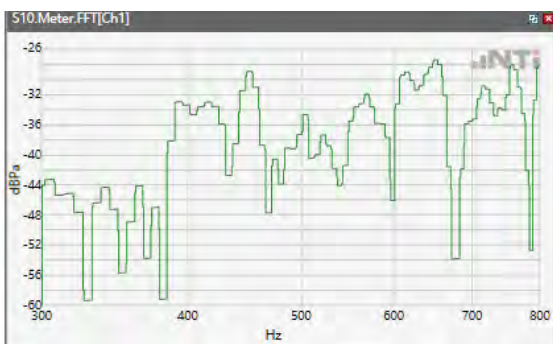
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noiseGSM 850



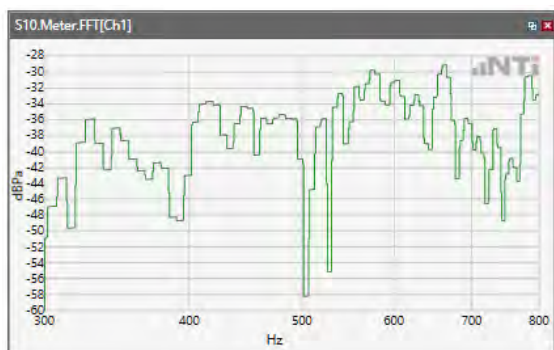
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



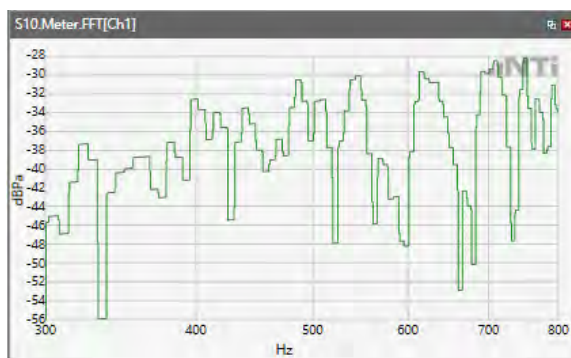
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



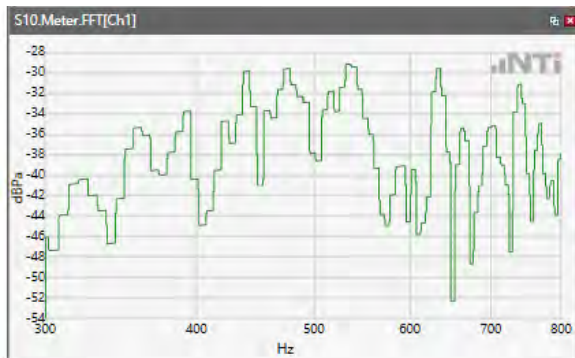
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



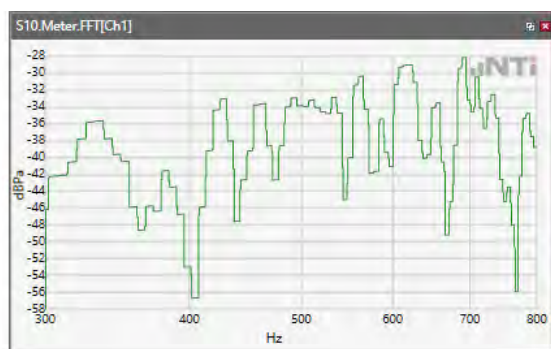
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



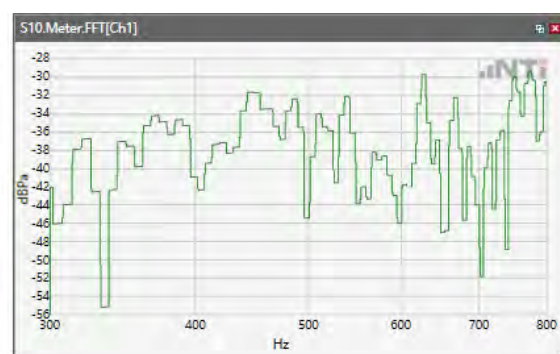
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



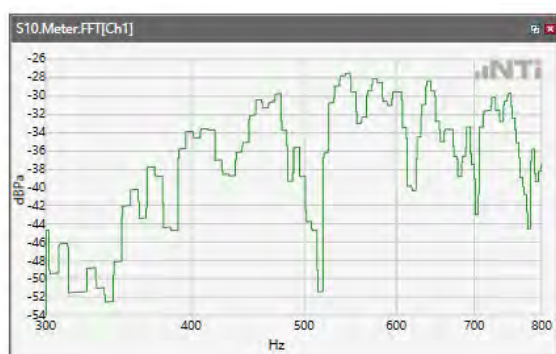
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



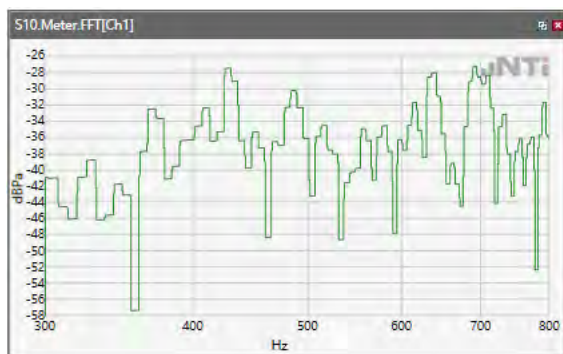
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band26



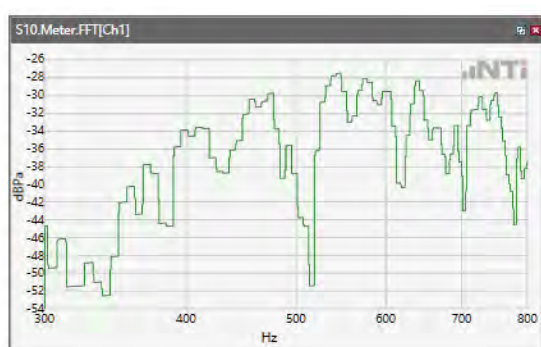
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71

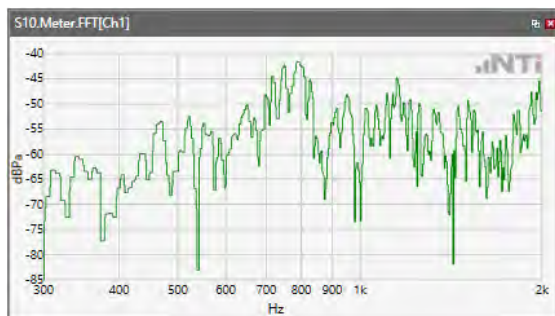


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

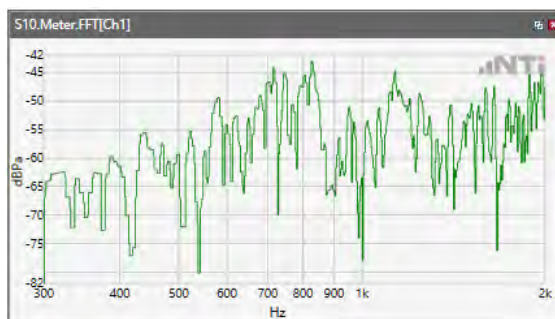


Receive path - distortion and noise 800Hz WB&NB

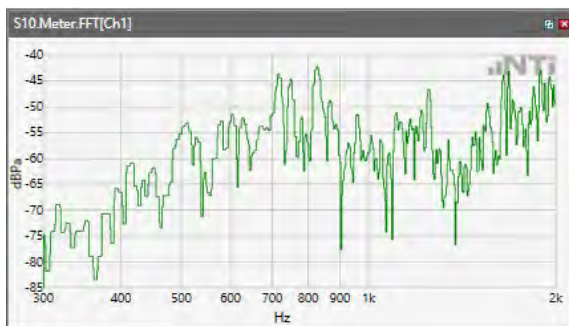
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



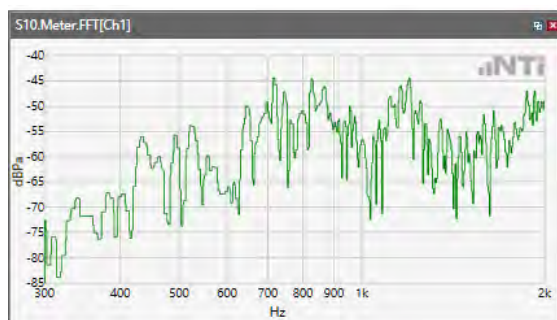
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



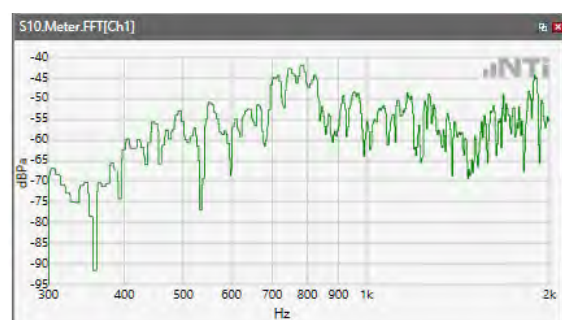
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



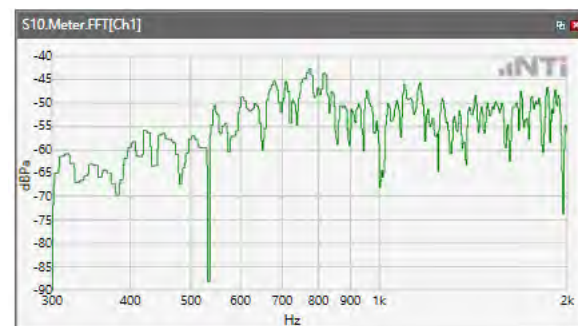
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



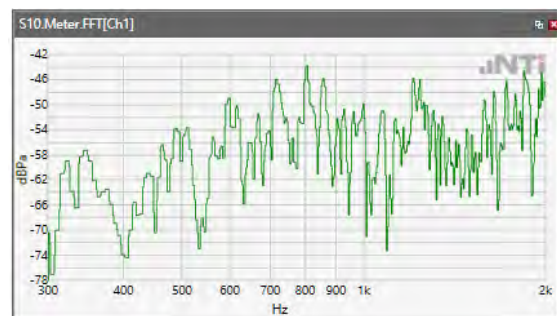
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



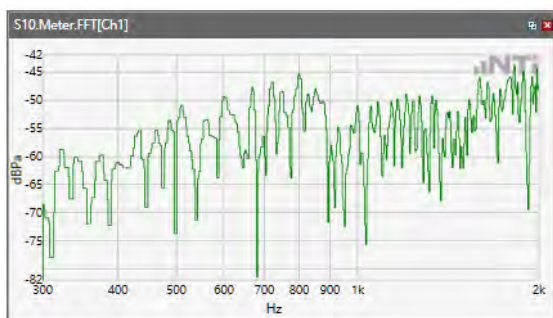
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



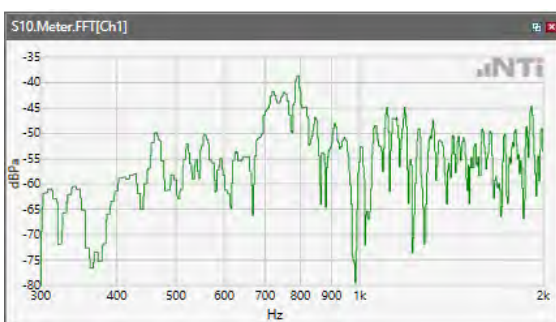
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



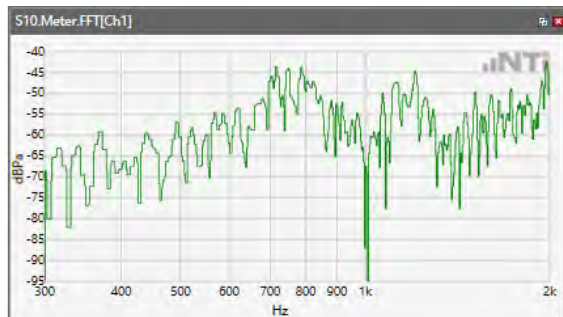
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



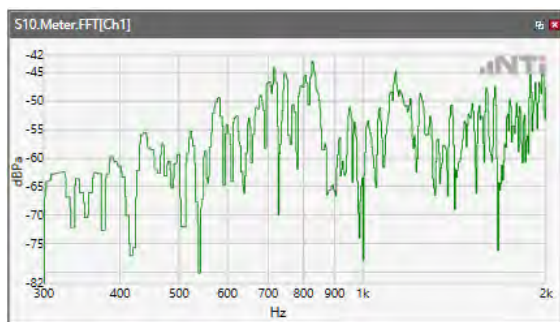
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71

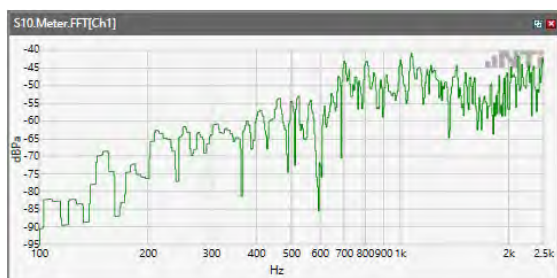


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN
2.4GHz

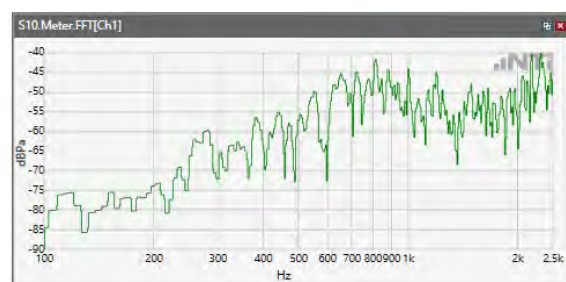


Receive path - distortion and noise 1000Hz WB&NB

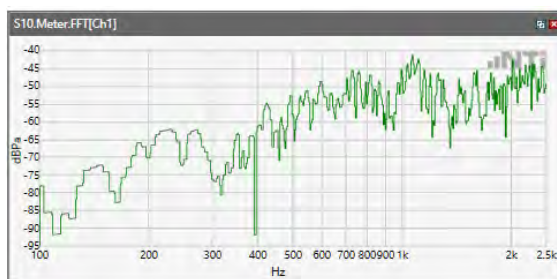
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



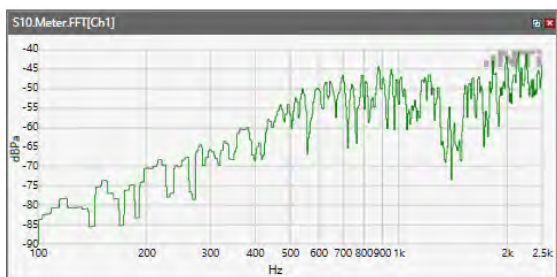
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



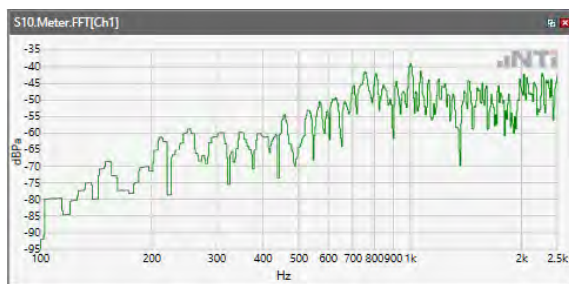
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



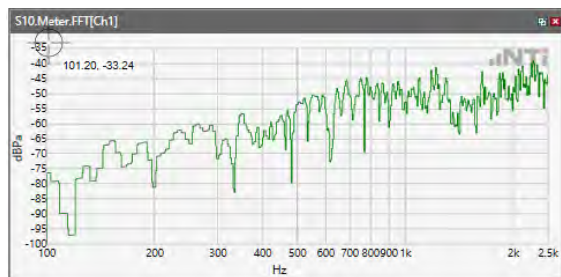
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



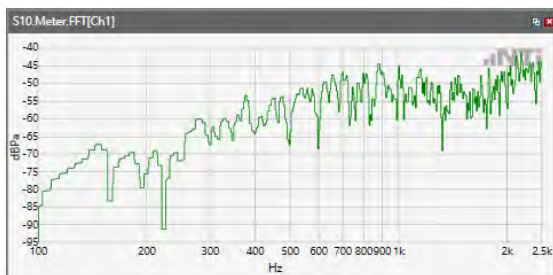
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



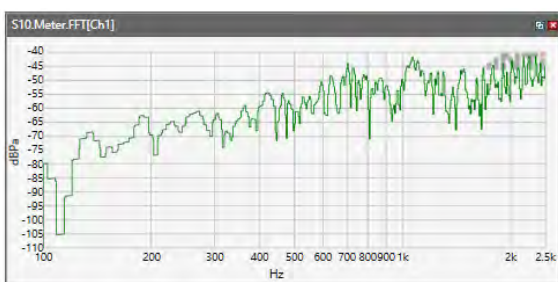
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



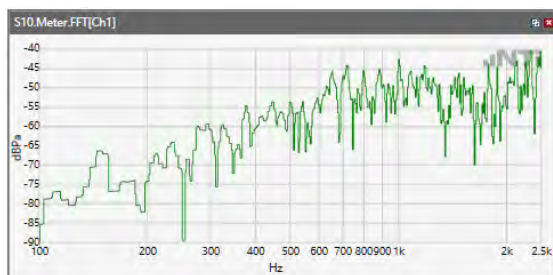
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



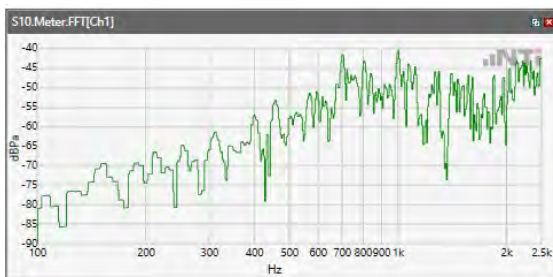
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



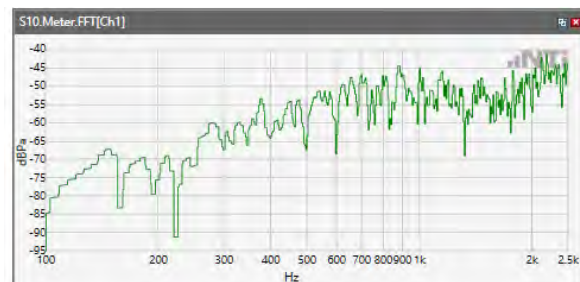
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

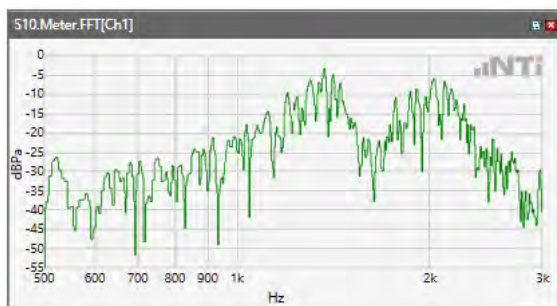


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

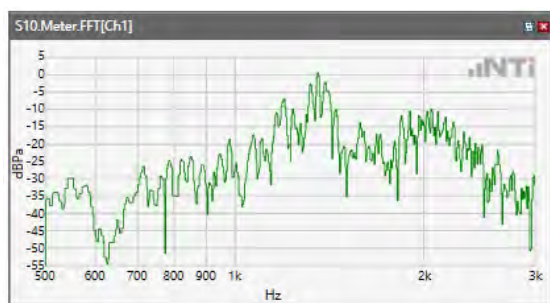


Receive path - distortion and noise 1250Hz WB&NB

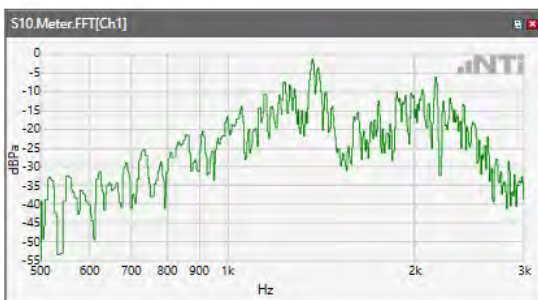
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



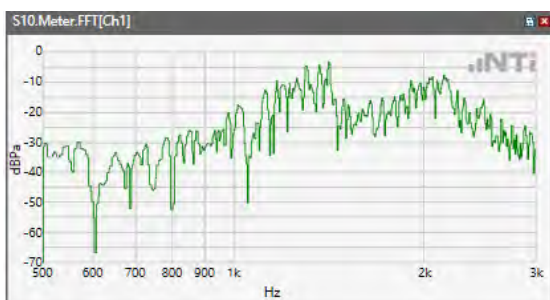
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



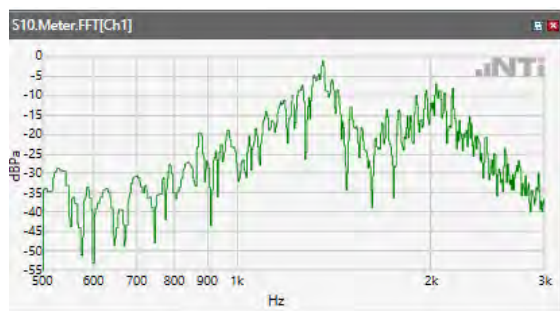
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



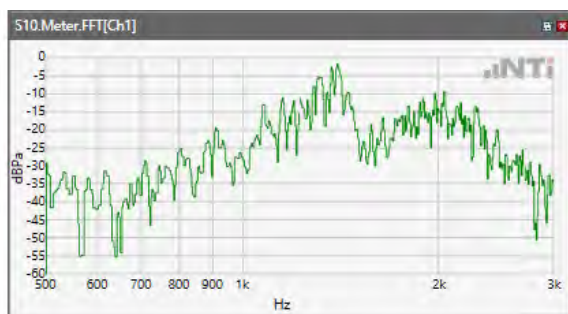
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



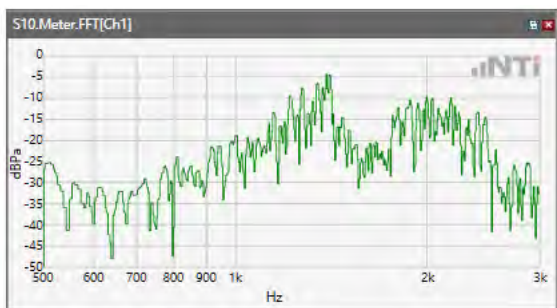
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



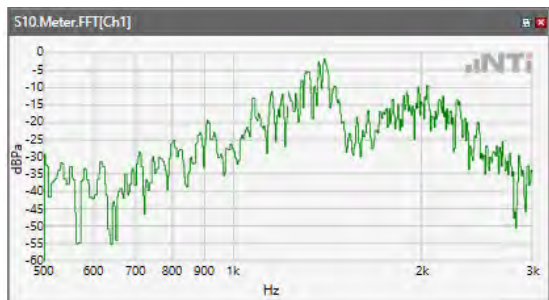
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



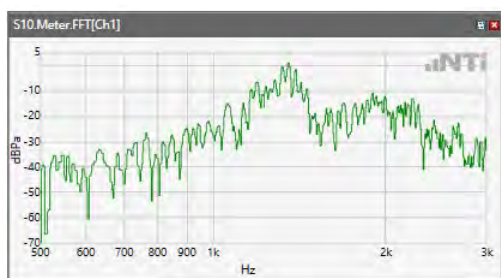
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



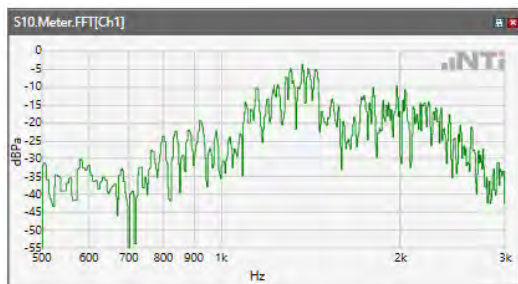
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



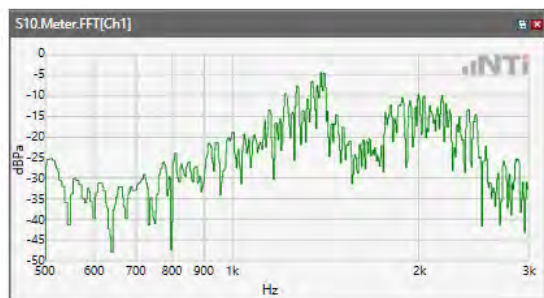
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

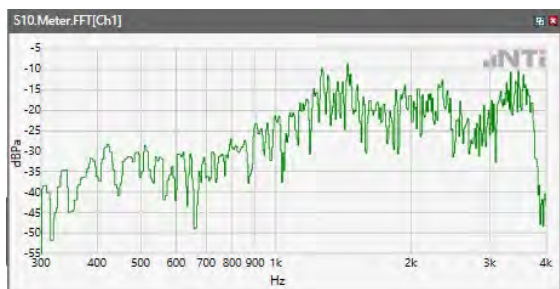


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

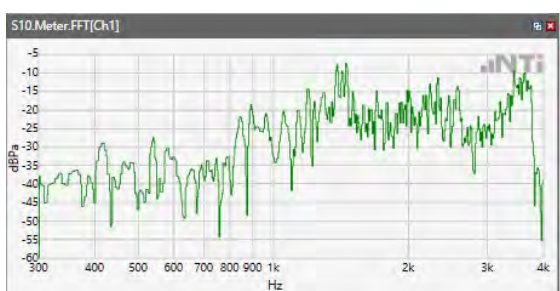


Receive path - distortion and noise 1600Hz WB&NB

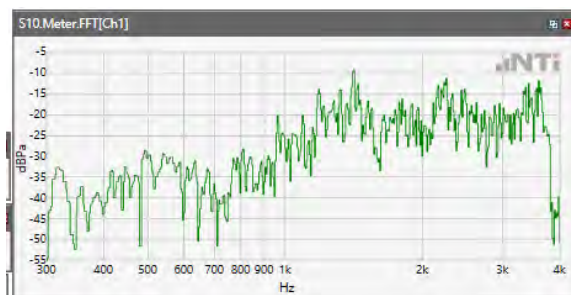
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



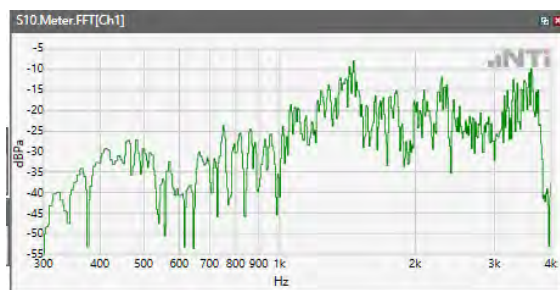
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



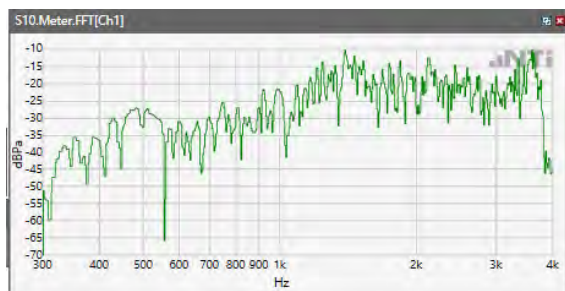
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



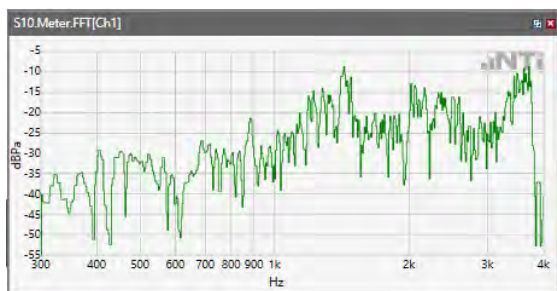
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



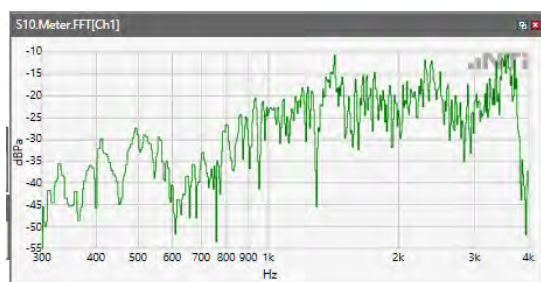
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



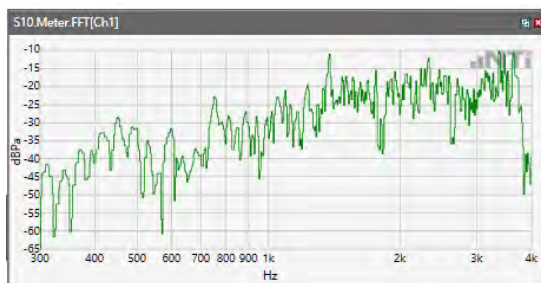
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



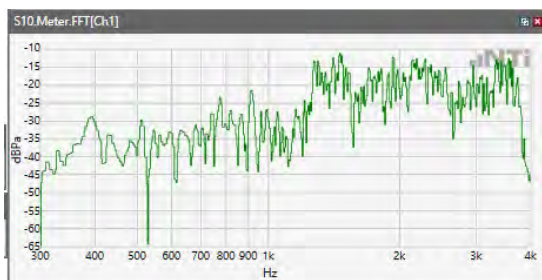
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



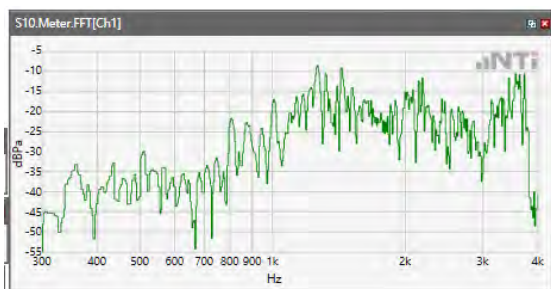
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



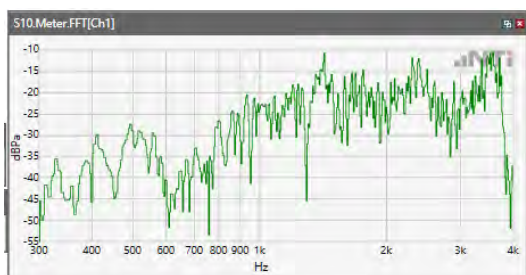
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

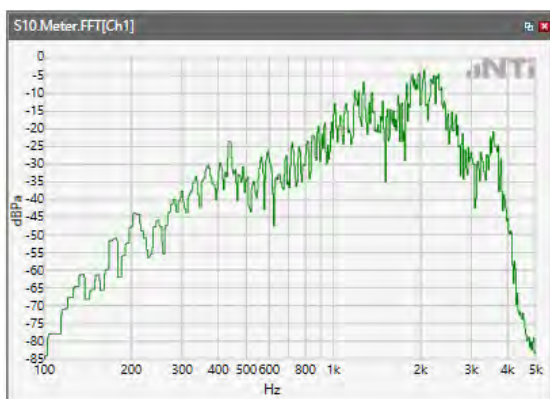


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

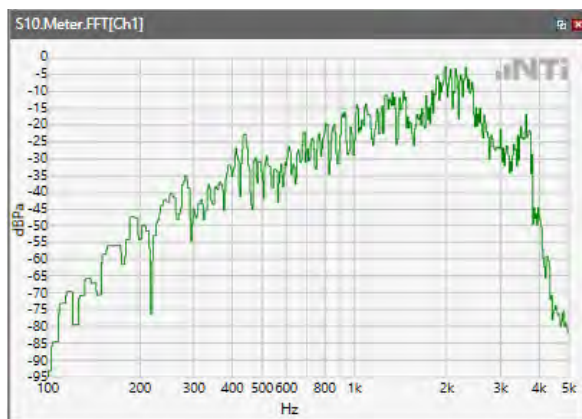


Receive path - distortion and noise 2000Hz WB&NB

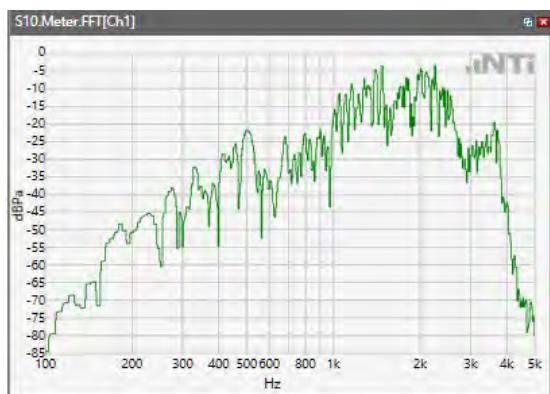
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



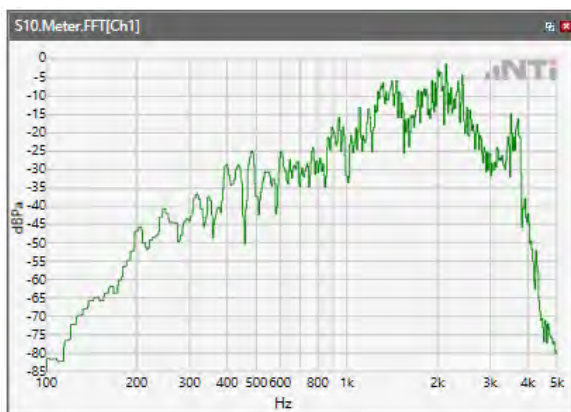
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



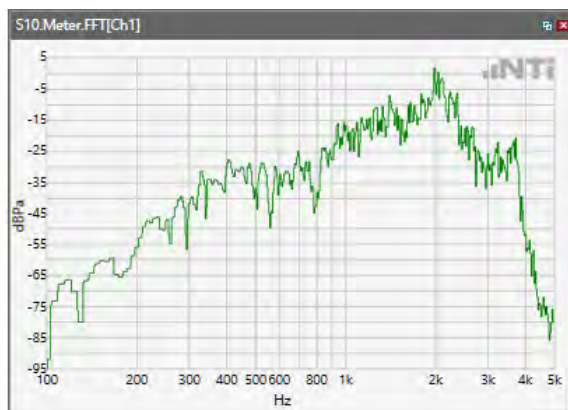
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



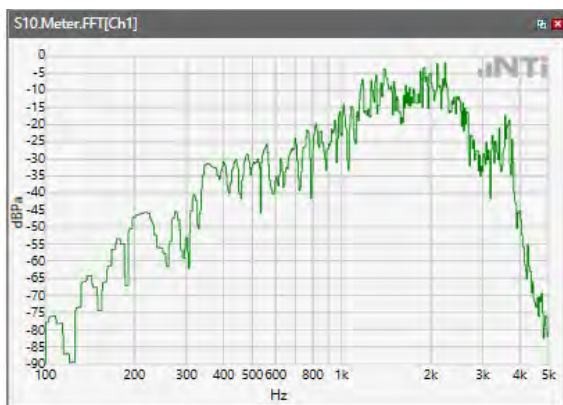
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



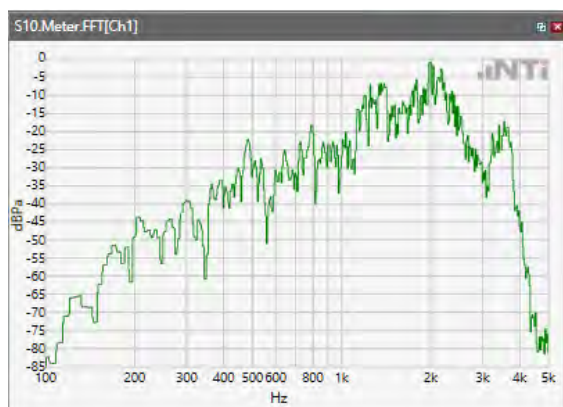
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



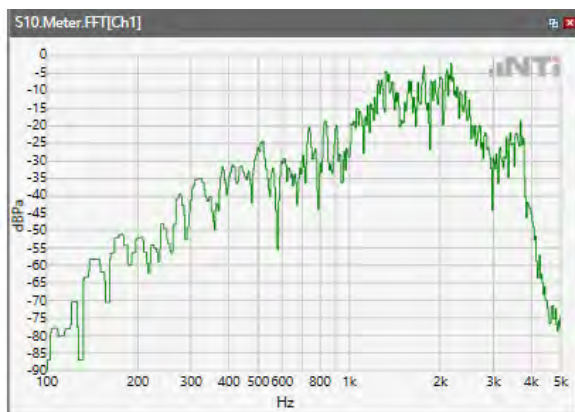
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



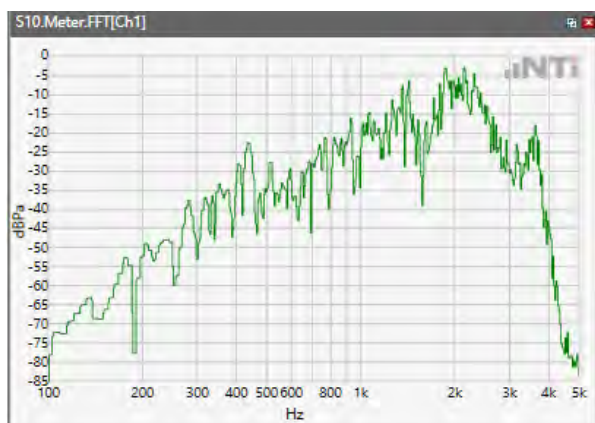
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

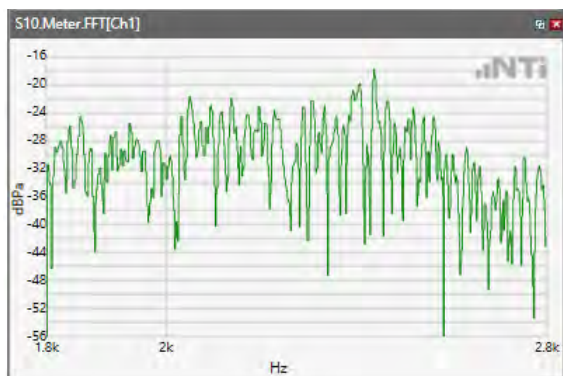


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

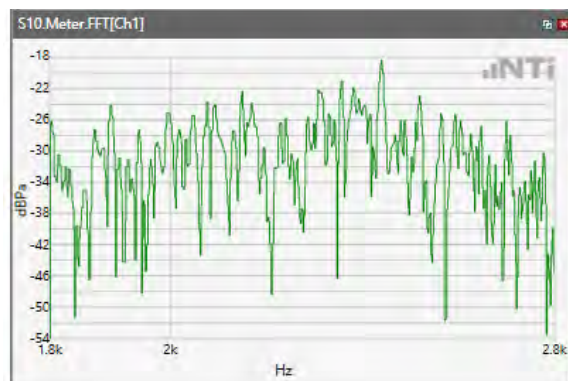


Receive path - distortion and noise 2500Hz WB&NB

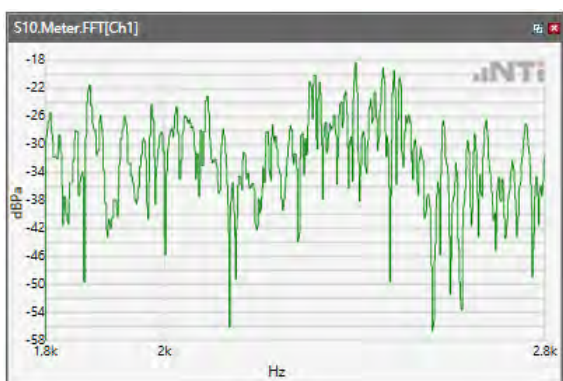
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



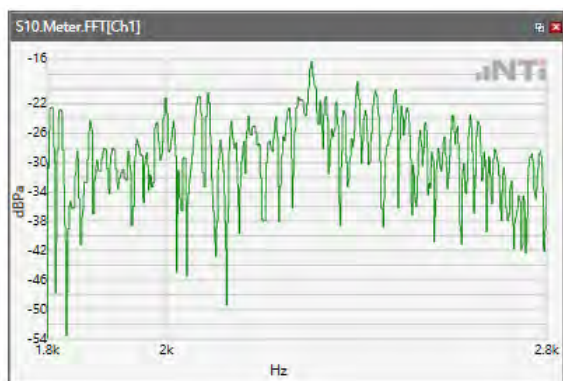
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



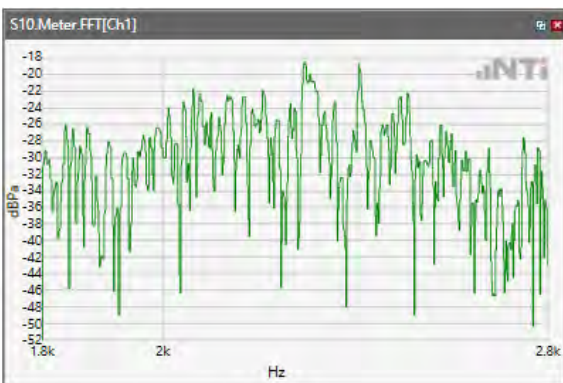
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



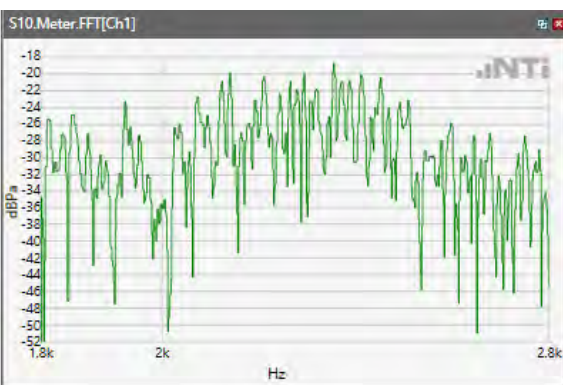
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



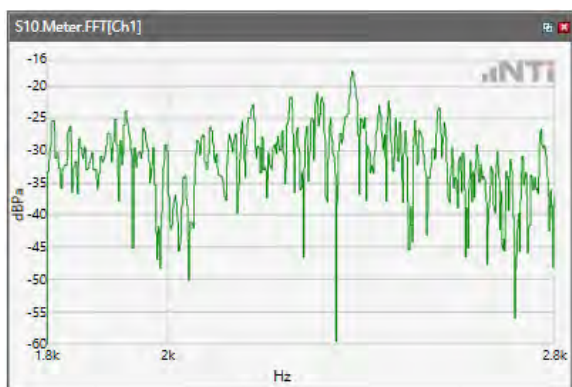
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



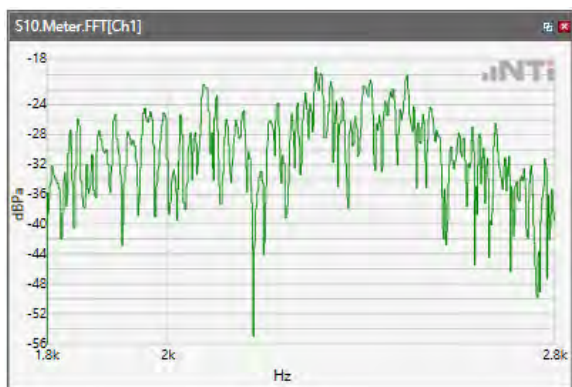
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



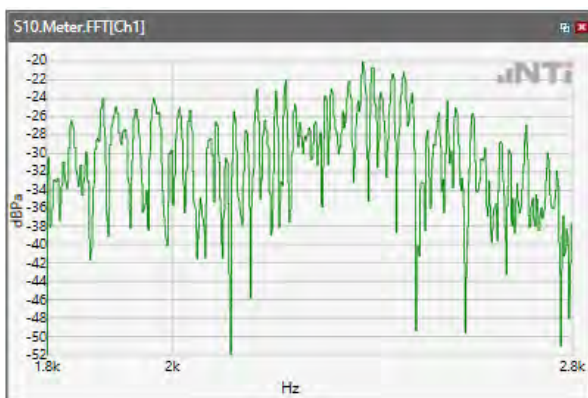
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



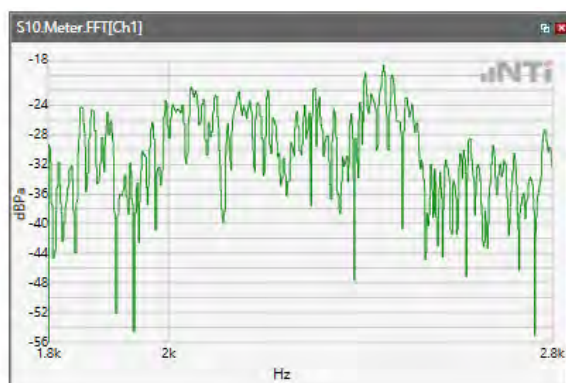
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



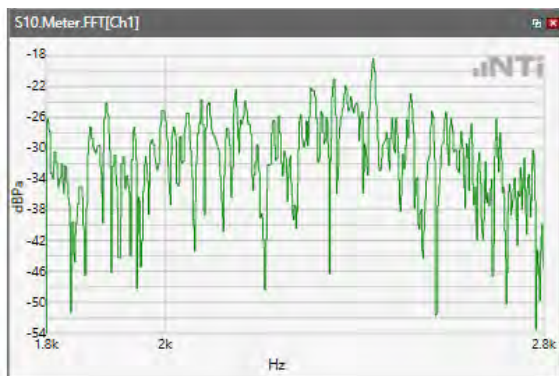
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71

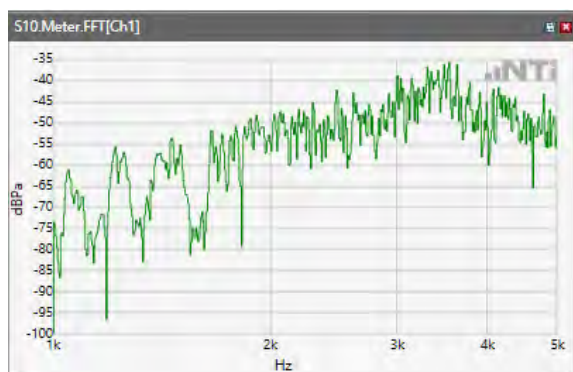


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

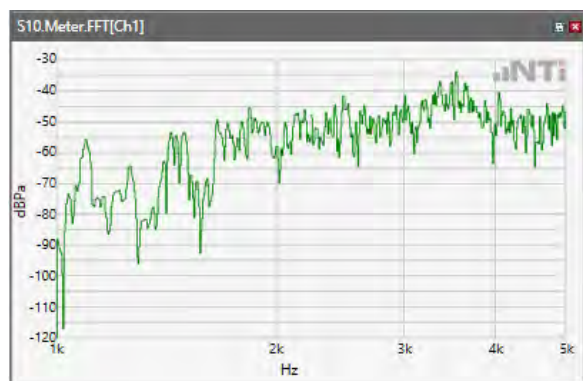


Receive path - distortion and noise 3150Hz WB&NB

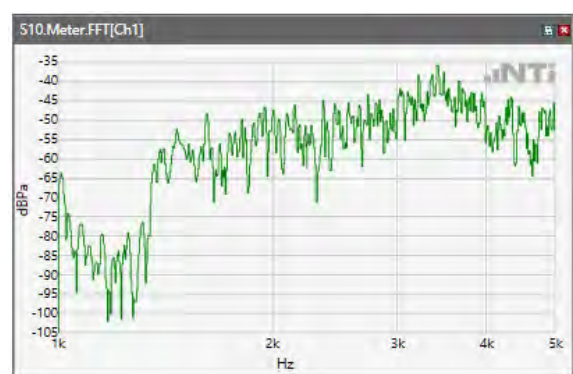
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



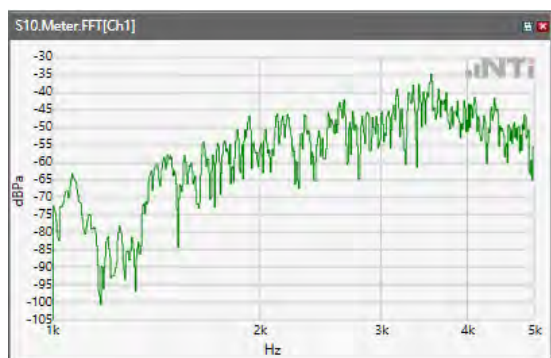
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



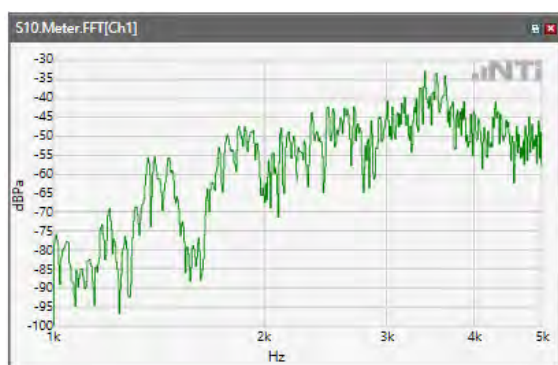
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



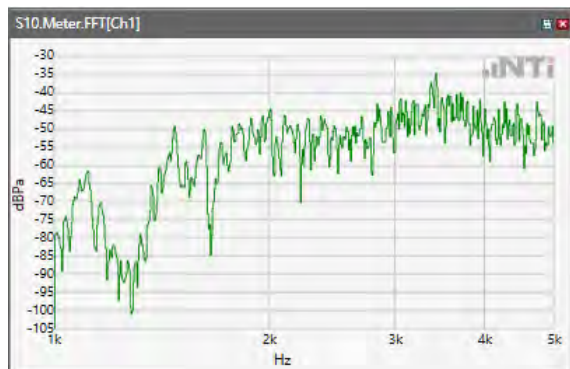
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



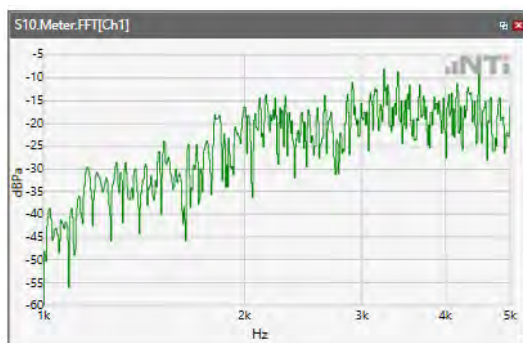
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



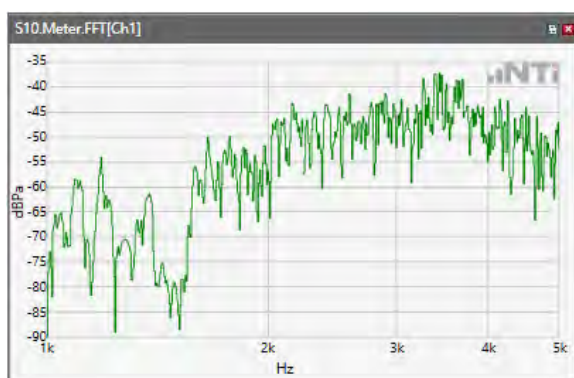
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



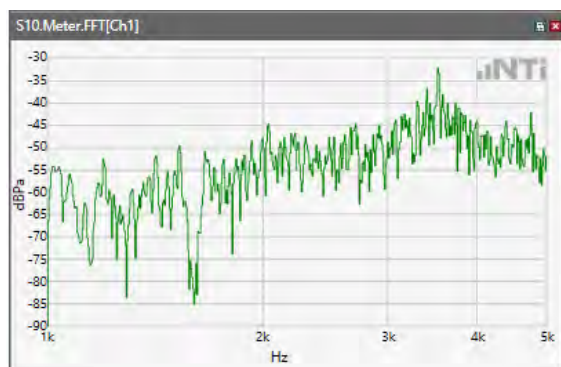
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



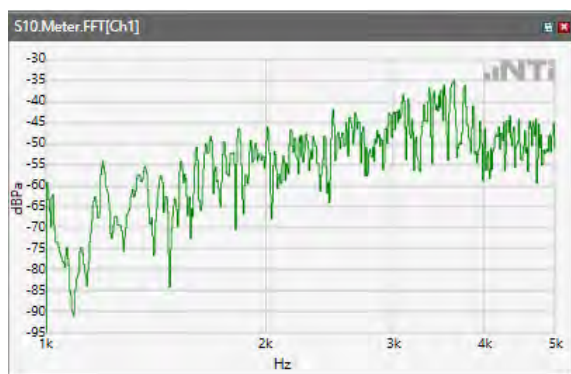
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



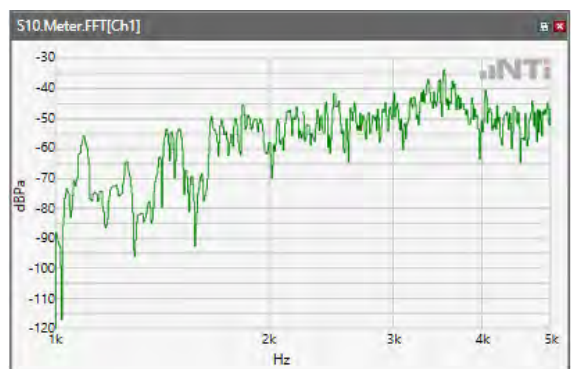
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

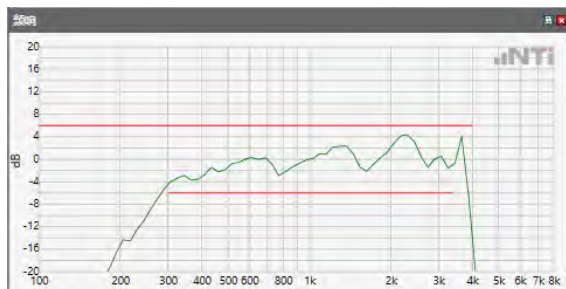


5.2 Receive path – distortion and noise

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 \ NB 12.2kbps\GSM 850



Absolute minimal distance

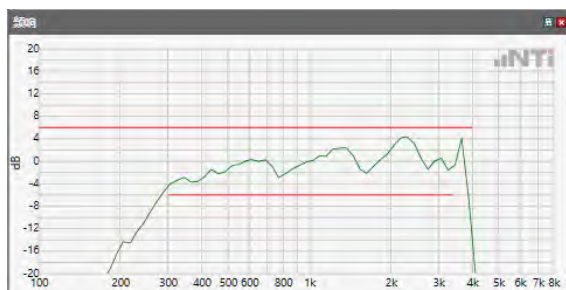
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 1900



Absolute minimal distance

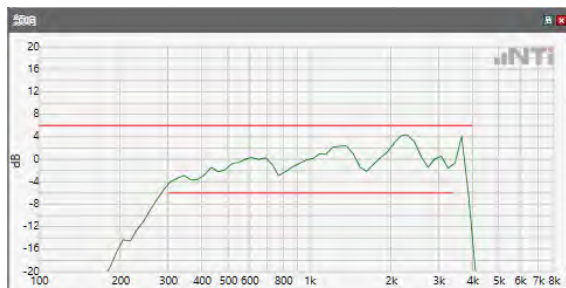
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

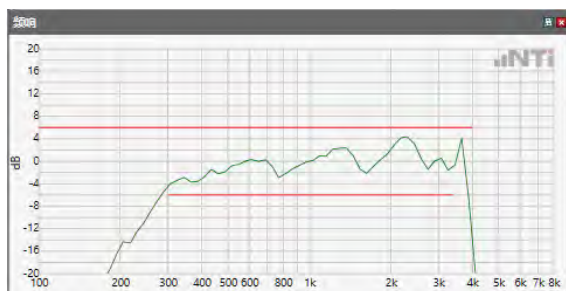
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

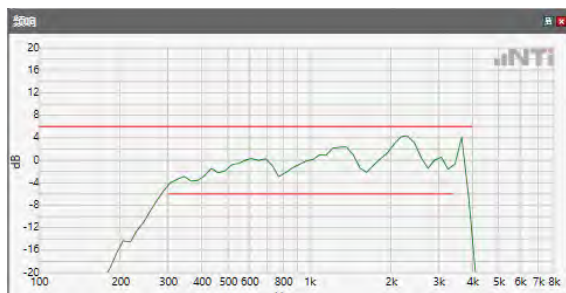
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

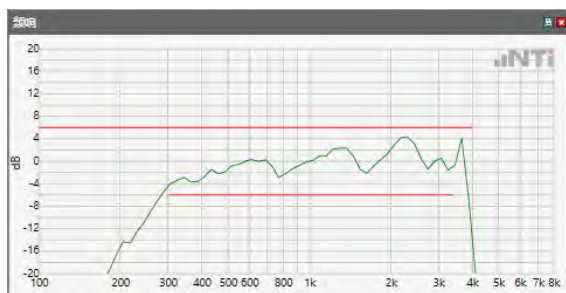
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band1 2



Absolute minimal distance

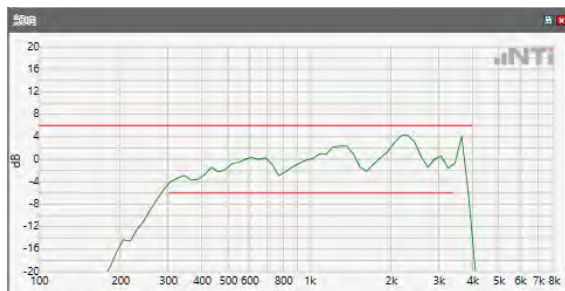
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band25



Absolute minimal distance

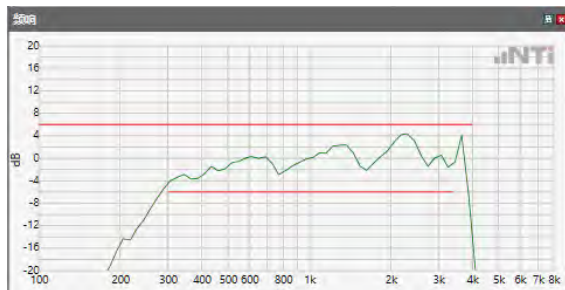
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

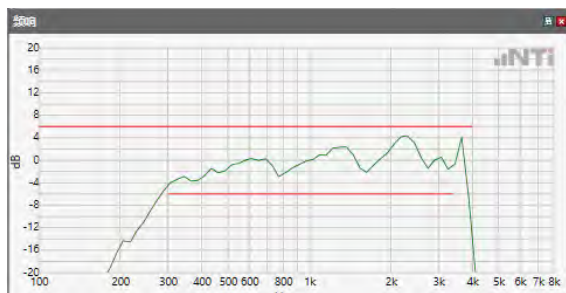
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

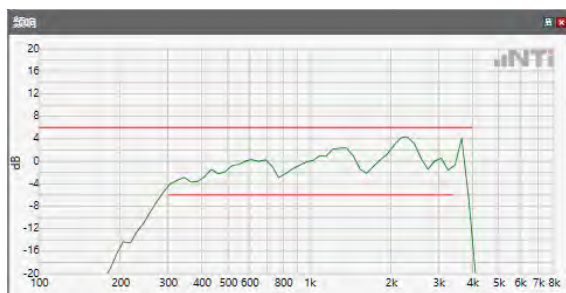
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

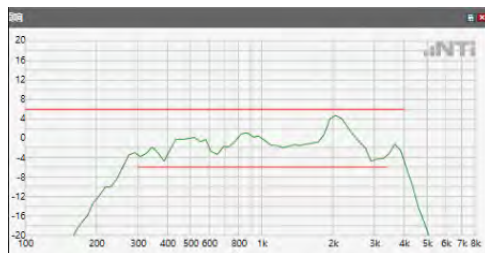
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WLAN 2.4GHz



Absolute minimal distance

OK

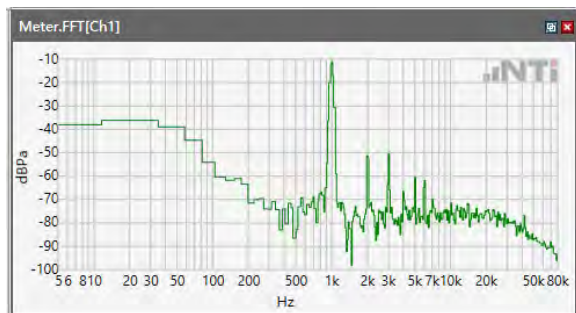
OK

Limits

	lower
Run 1	Fit into tolerance

5.1 Receive Volume Control Performance 8N---WB

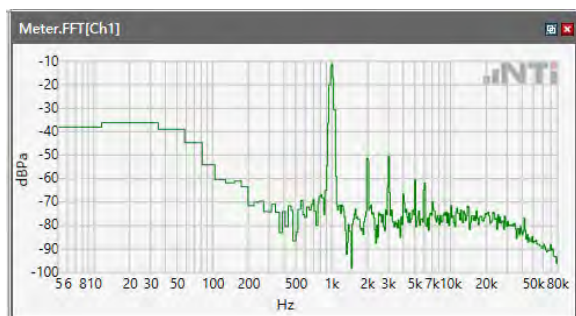
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ GSM 850



Speech Level RCV: 99.56 dB[SPL]

Calculated Value: 29.56 dB Ok

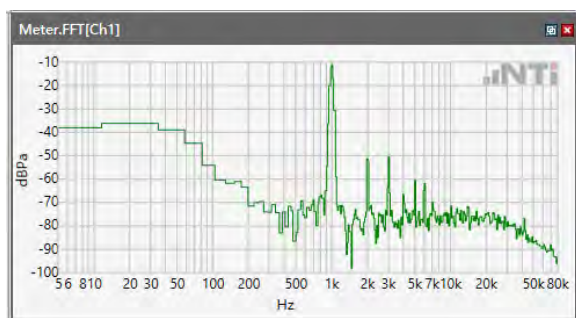
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ GSM 1900



Speech Level RCV: 99.02 dB[SPL]

Calculated Value: 29.02 dB Ok

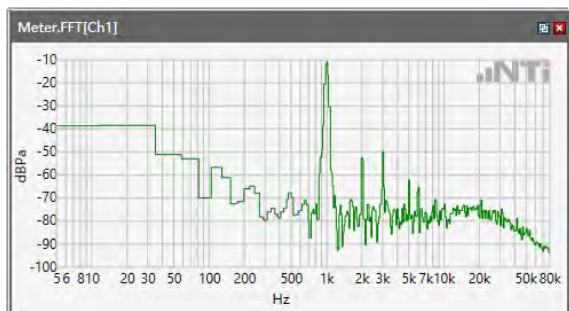
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ WCDMA II



Speech Level RCV: 98.88 dB[SPL]

Calculated Value: 28.88 dB Ok

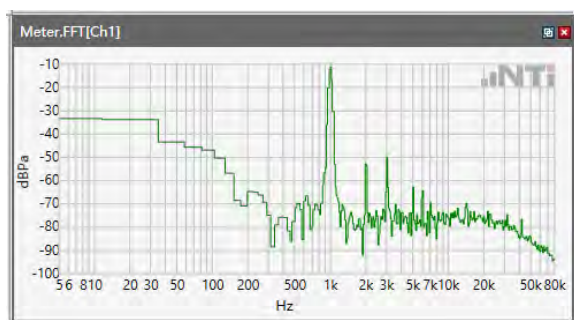
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ WCDMA IV



Speech Level RCV: 99.52 dB[SPL]

Calculated Value: 29.52 dB Ok

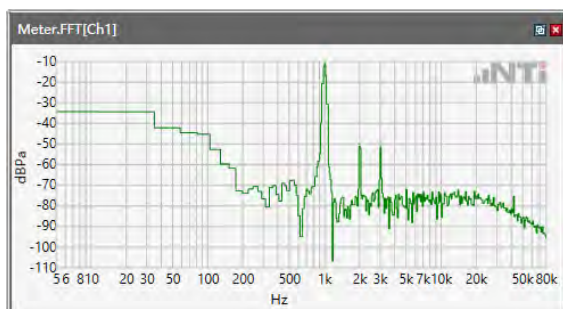
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ WCDMA V



Speech Level RCV: 98.45 dB[SPL]

Calculated Value: 28.45 dB Ok

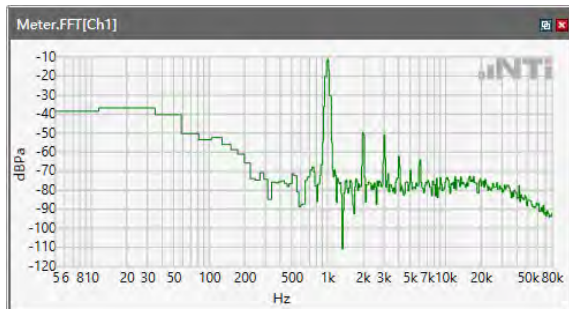
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 12



Speech Level RCV: 99.05 dB[SPL]

Calculated Value: 29.05 dB Ok

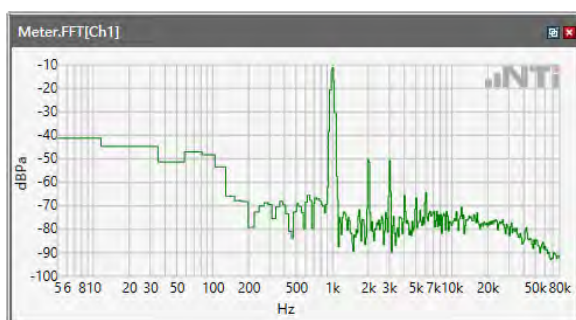
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 25



Speech Level RCV: 102.3 dB[SPL]

Calculated Value: 32.3 dB Ok

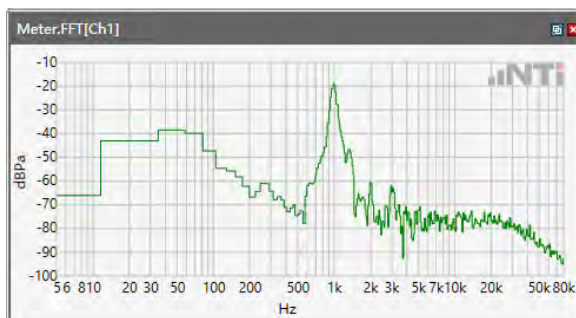
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 26



Speech Level RCV: 99.92 dB[SPL]

Calculated Value: 29.92 dB Ok

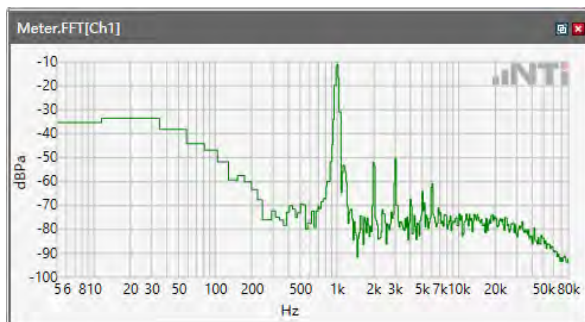
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 66



Speech Level RCV: 98.92 dB[SPL]

Calculated Value: 28.92 dB Ok

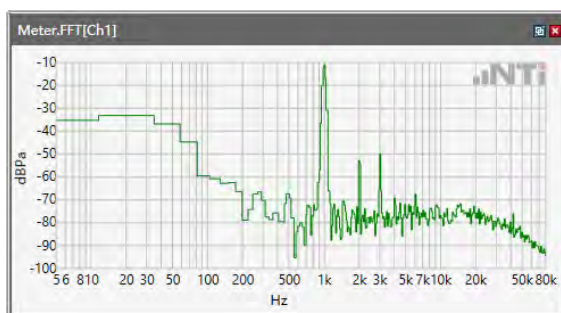
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE BAND 71



Speech Level RCV: 99.28 dB[SPL]

Calculated Value: 29.28 dB Ok

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

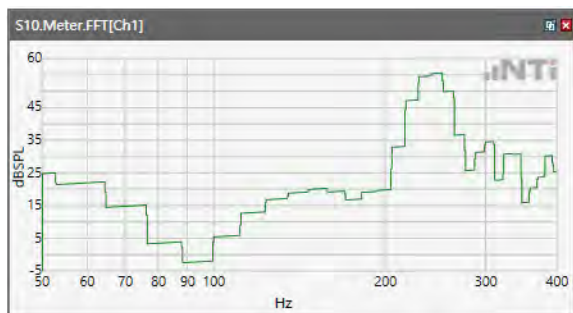


Speech Level RCV: 104.68 dB[SPL]

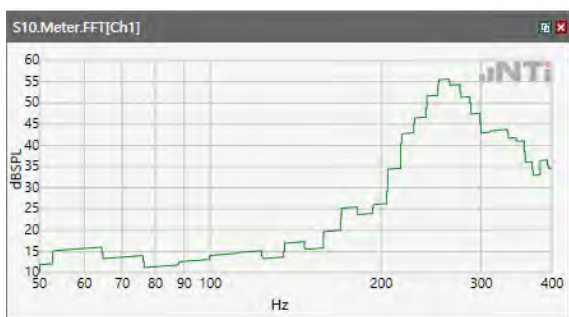
Calculated Value: 34.68 dB Ok

Receive path - distortion and noise 250 WB only

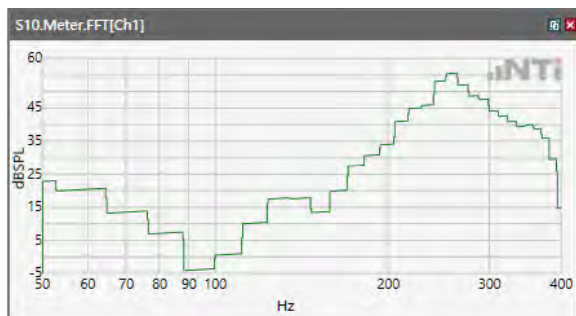
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



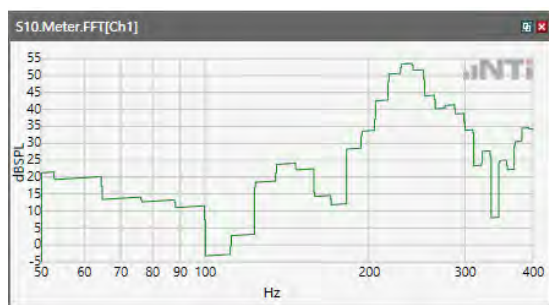
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



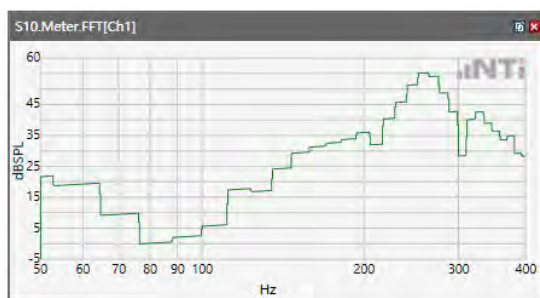
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



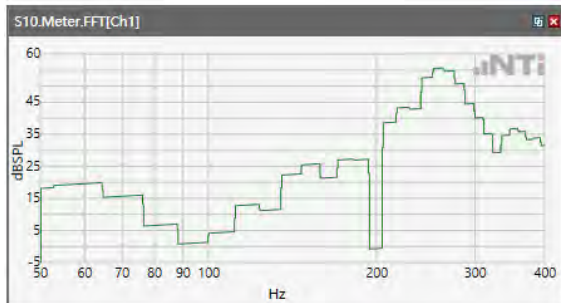
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



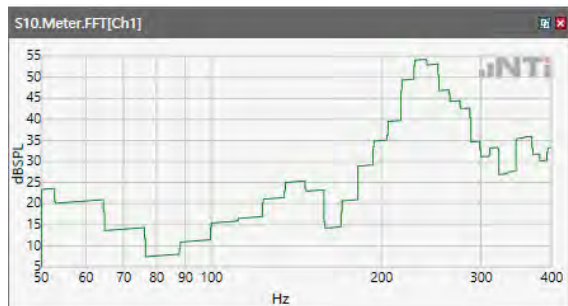
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



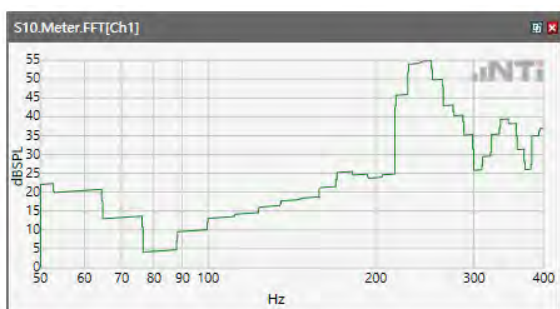
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



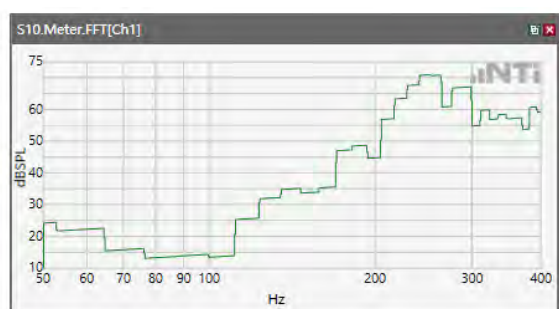
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12S



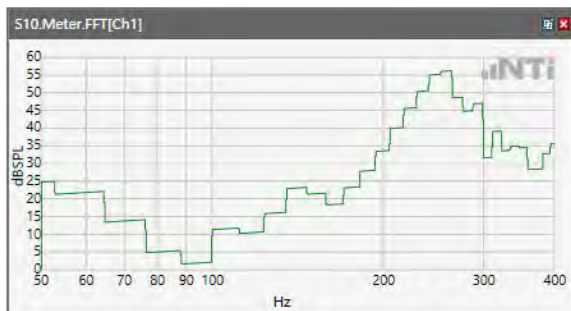
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



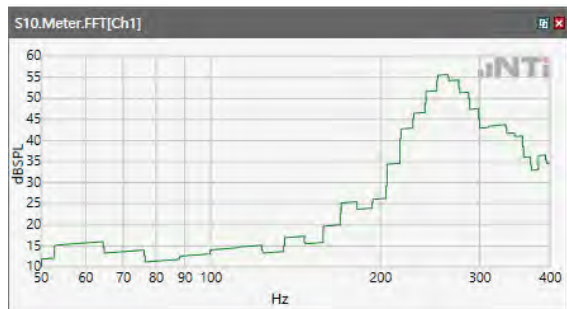
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

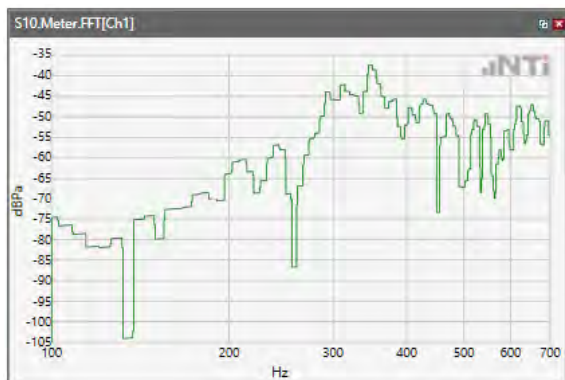


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

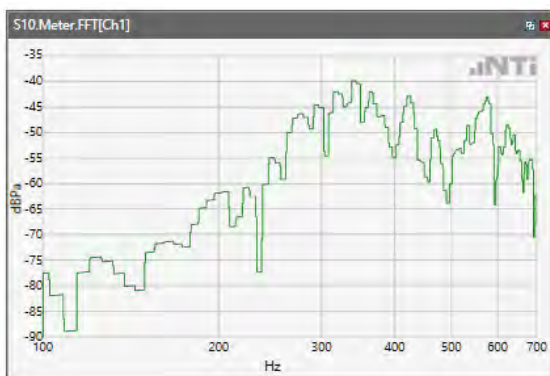


Receive path - distortion and noise 315Hz WB only

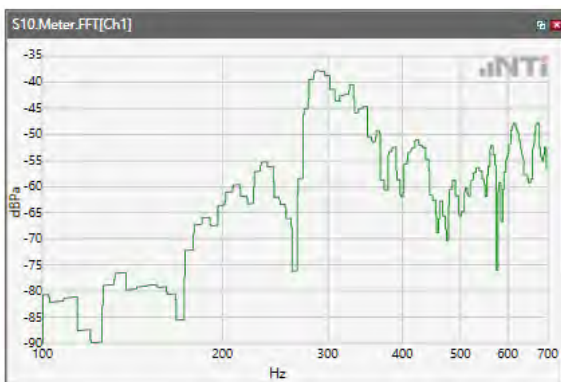
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



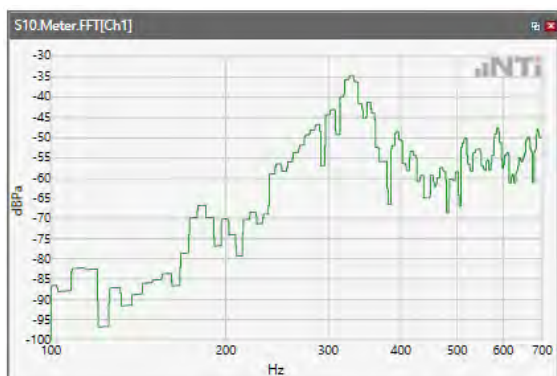
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



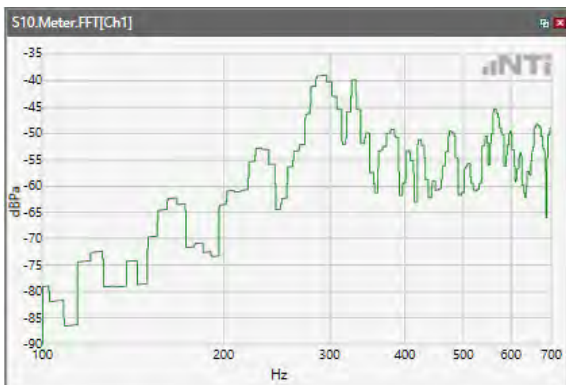
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



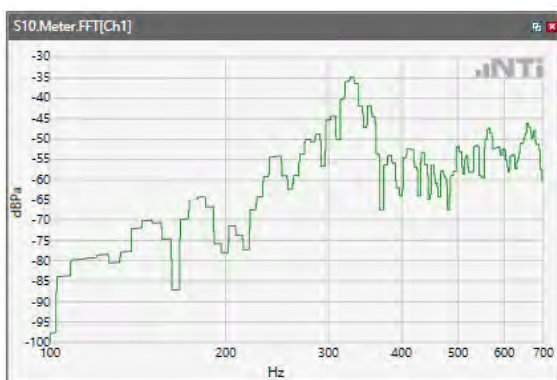
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



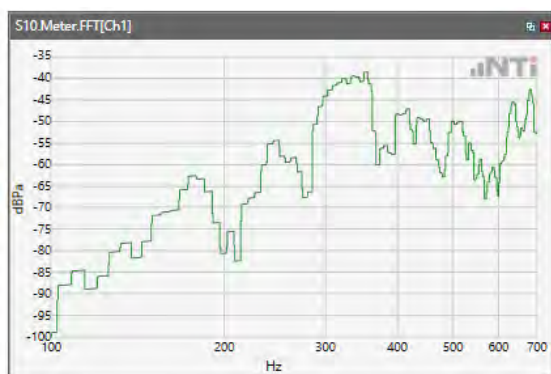
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



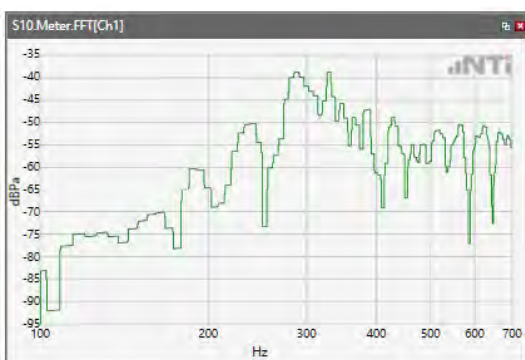
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



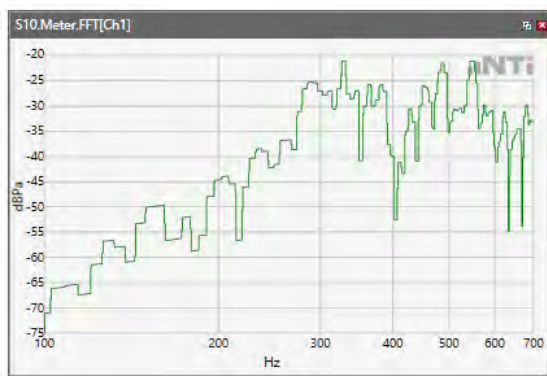
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



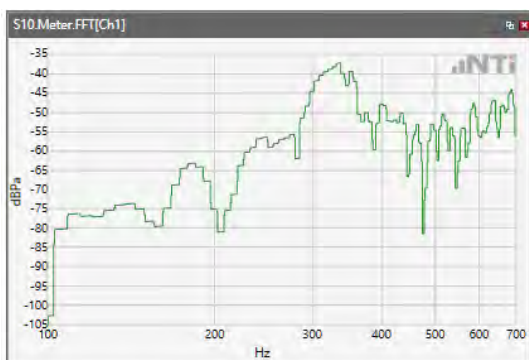
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



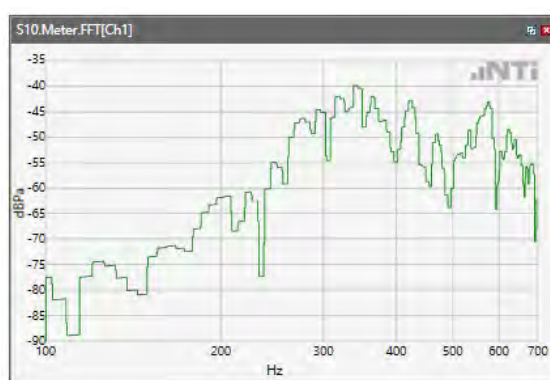
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

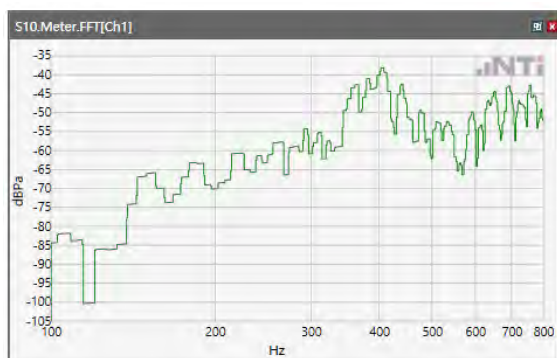


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

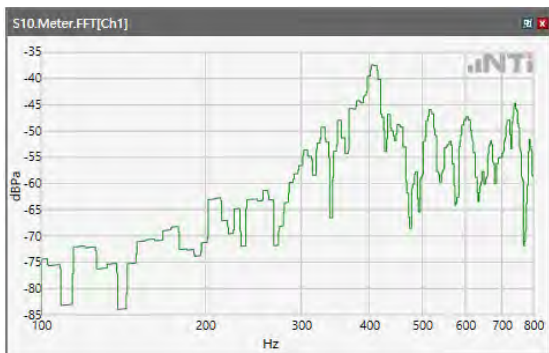


Receive path - distortion and noise 400Hz WB&NB

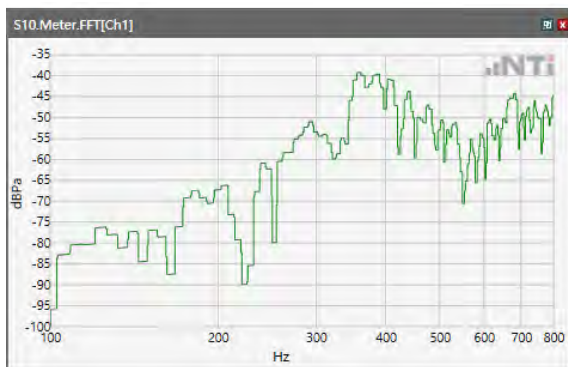
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



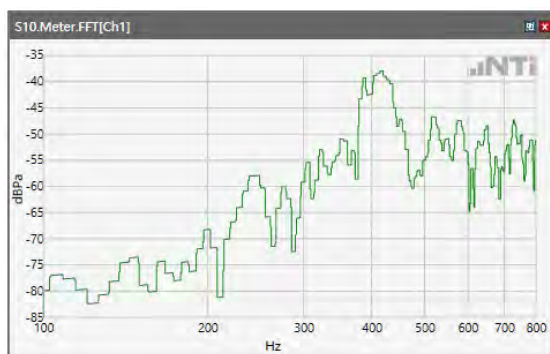
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



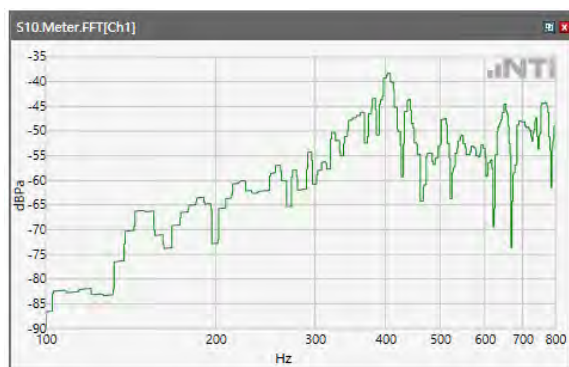
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



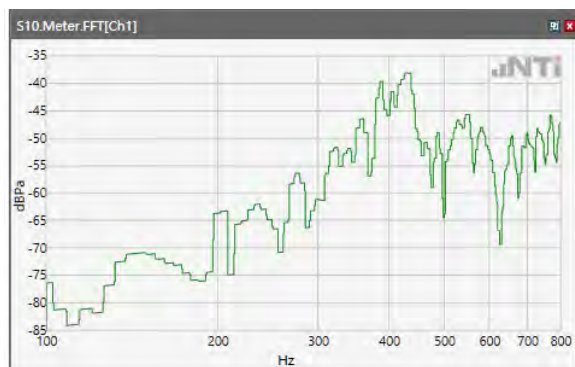
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



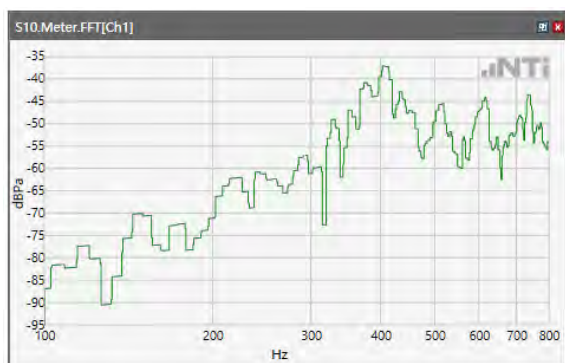
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



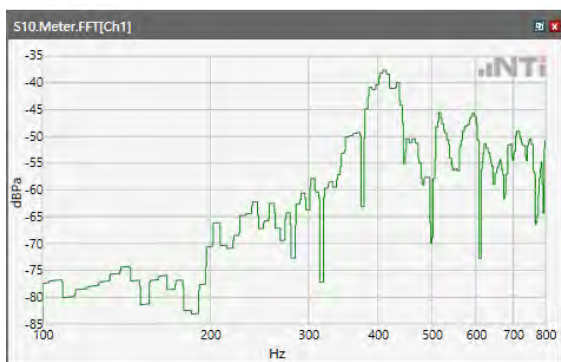
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



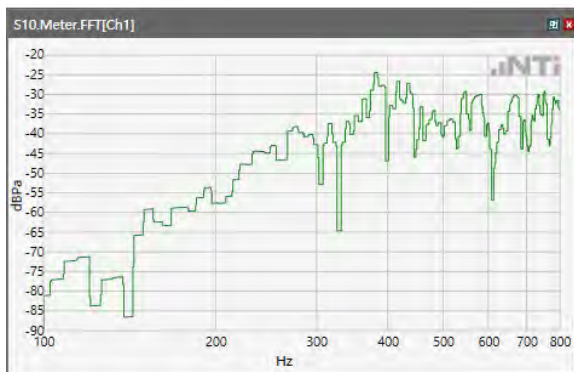
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



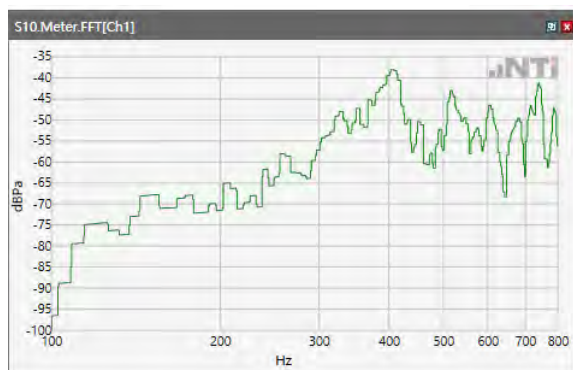
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



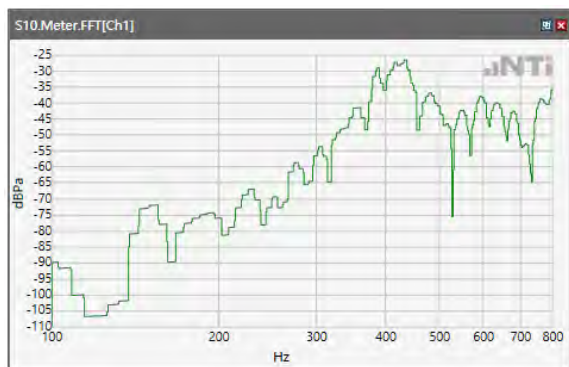
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

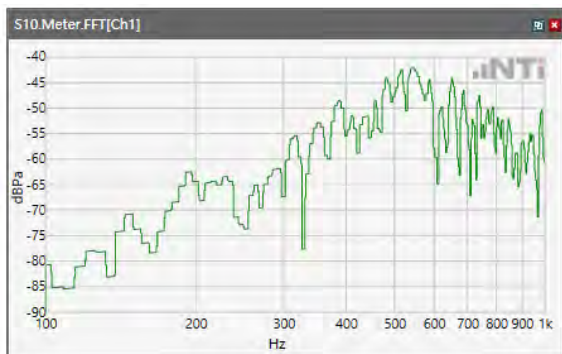


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

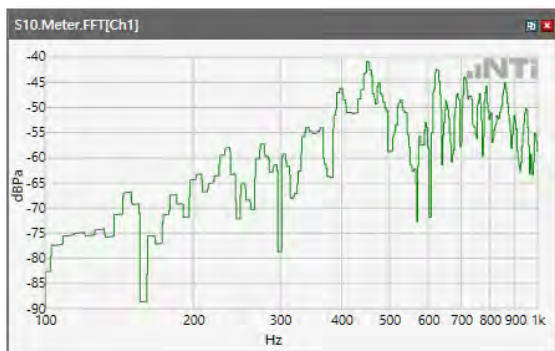


Receive path - distortion and noise 500Hz WB&NB

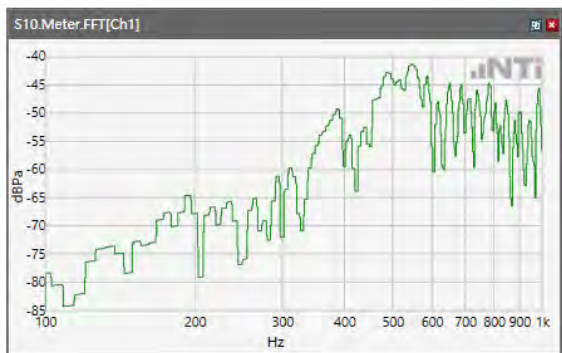
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 850



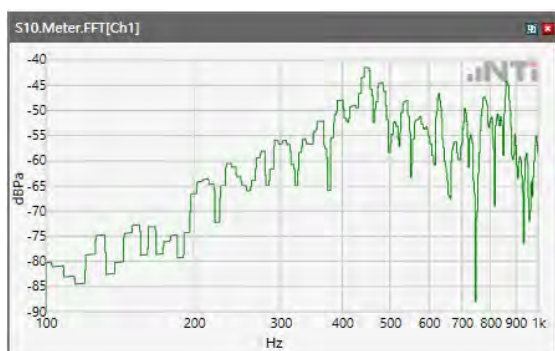
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 1900



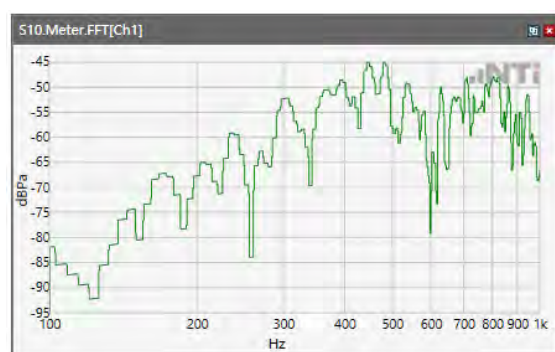
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\WCDMA II



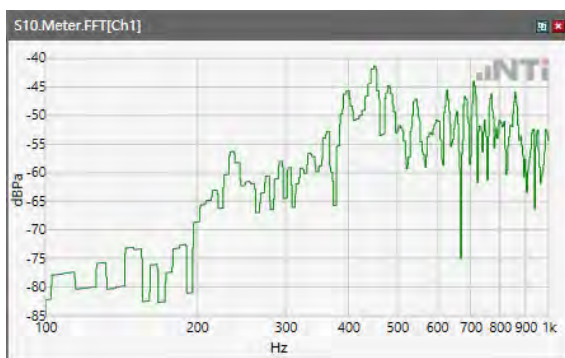
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



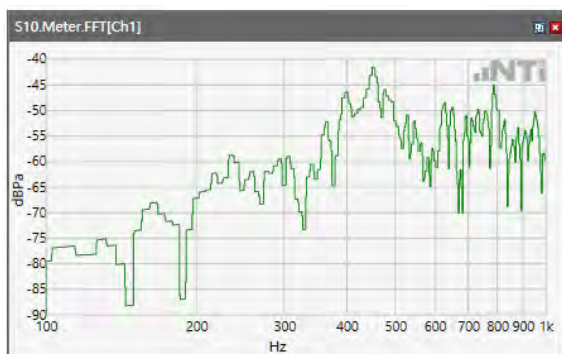
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



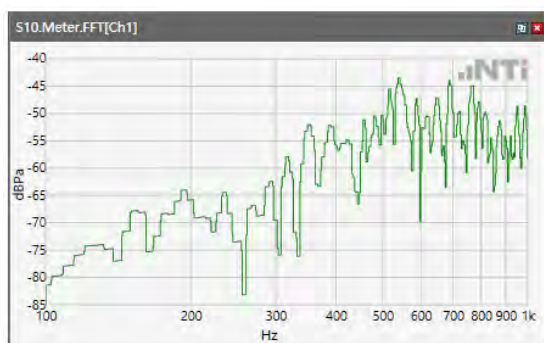
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



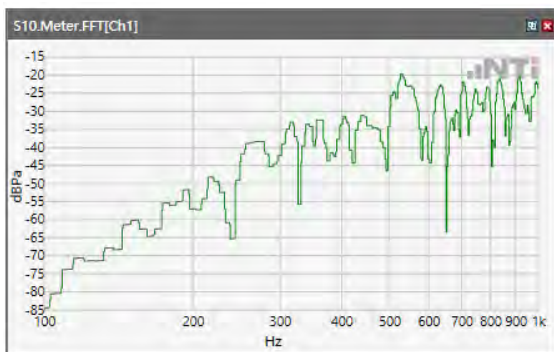
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



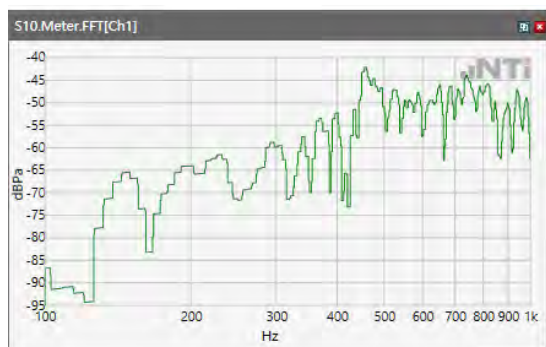
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



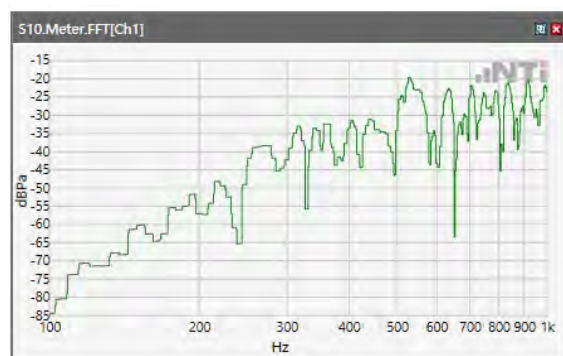
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

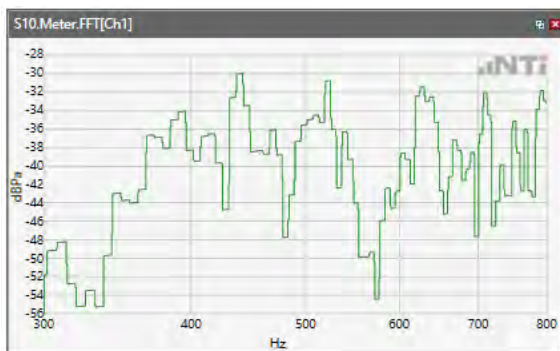


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

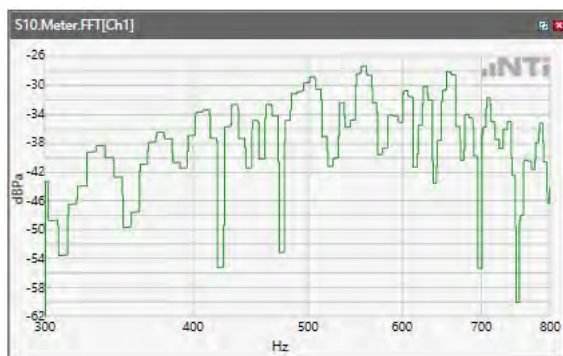


Receive path - distortion and noise 630Hz WB&NB

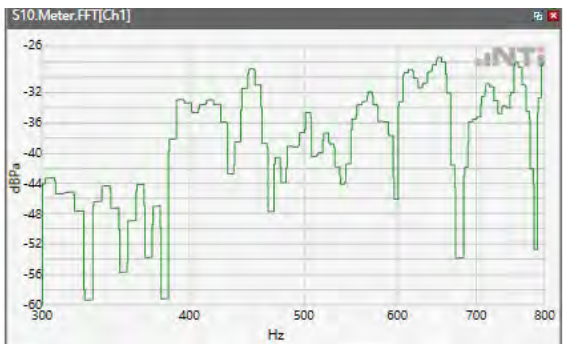
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 850



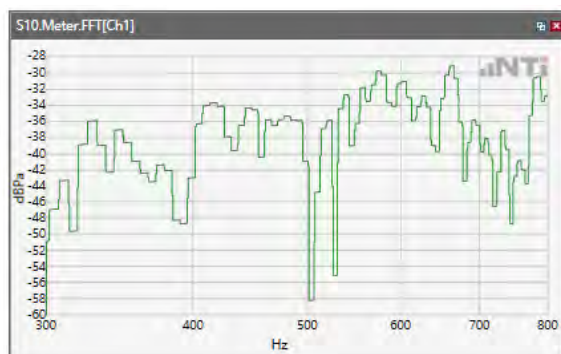
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 1900



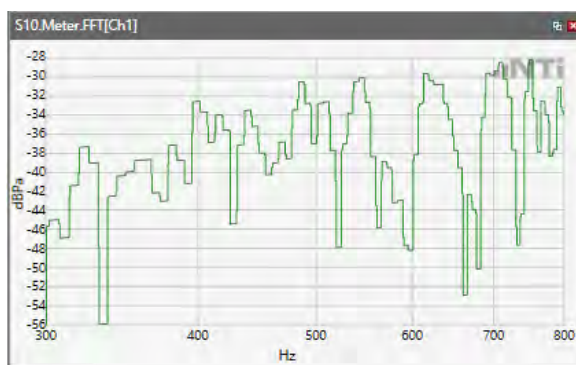
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\WCDMA II



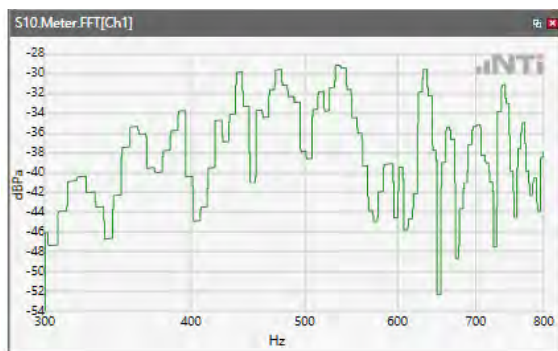
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



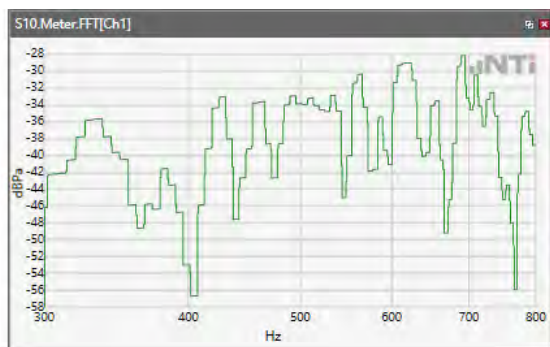
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



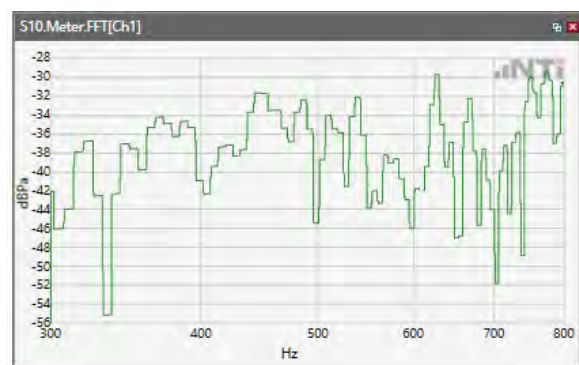
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



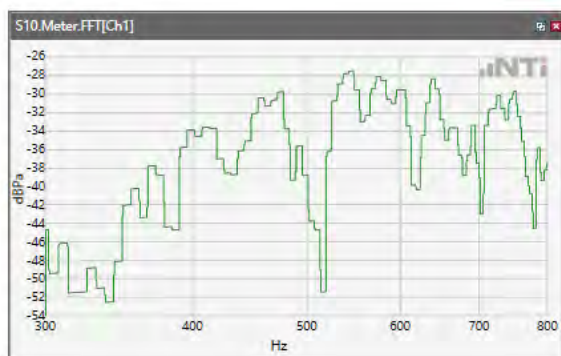
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



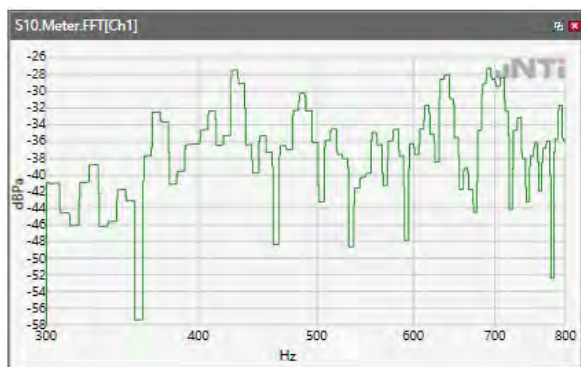
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



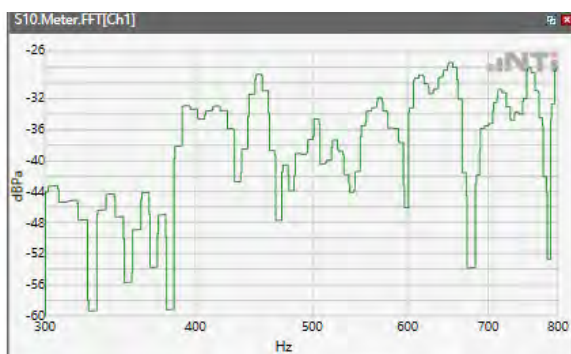
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

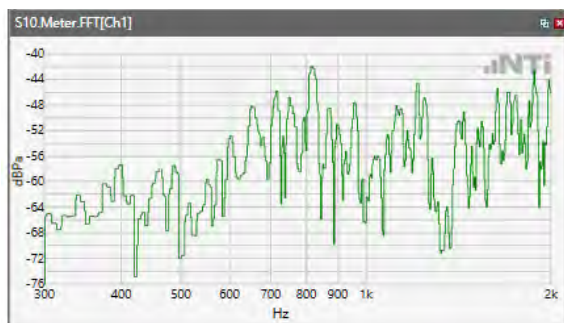


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

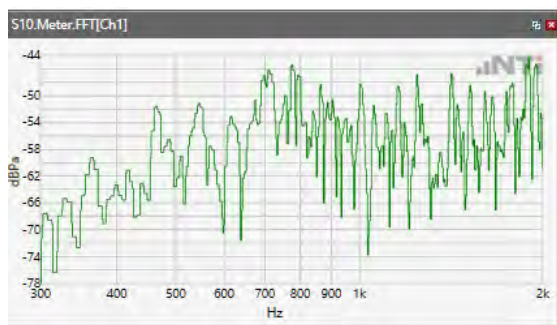


Receive path - distortion and noise 800Hz WB&NB

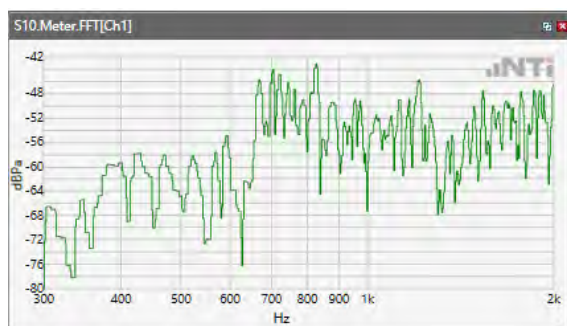
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



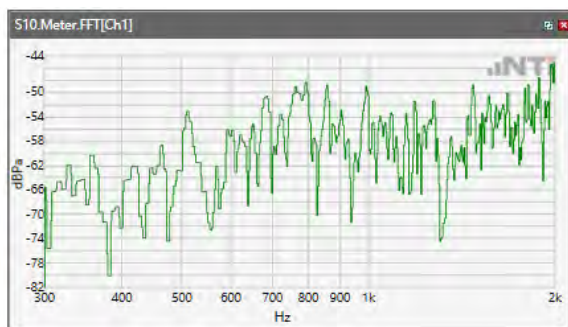
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



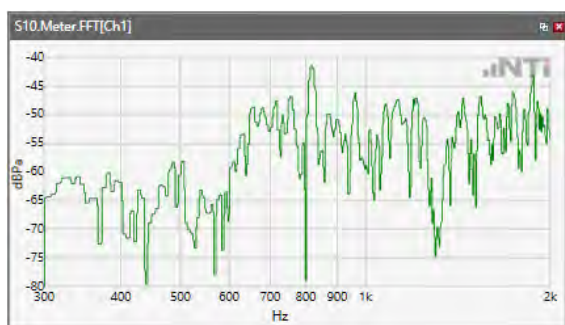
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



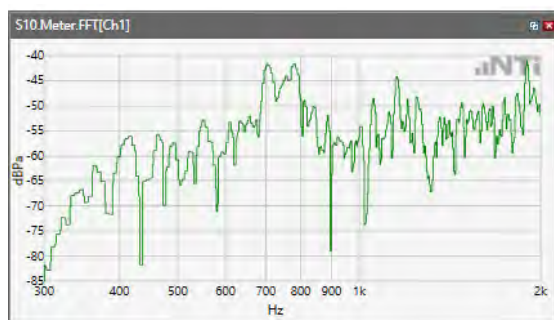
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



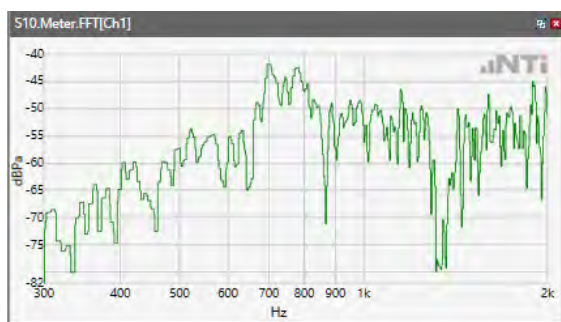
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



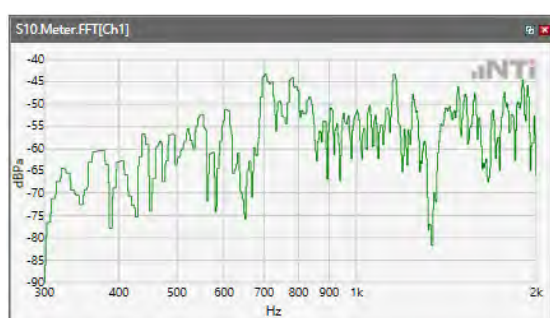
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



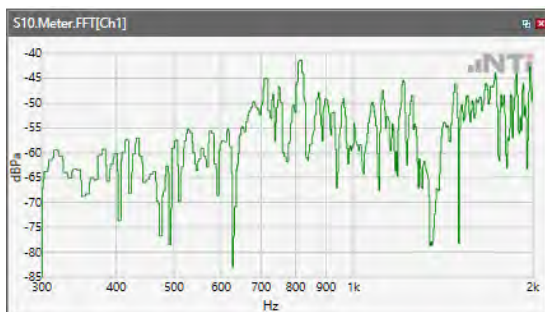
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



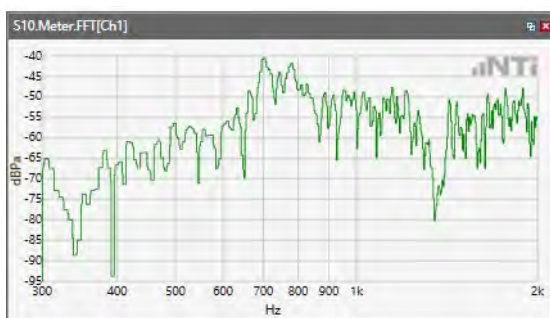
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



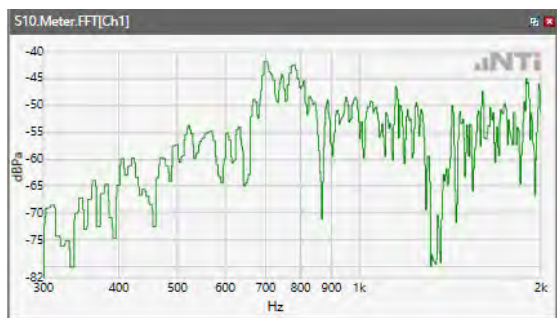
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

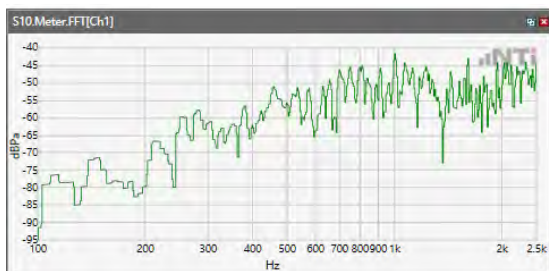


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WLAN
2.4GHz

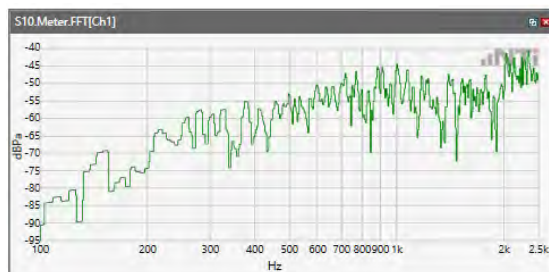


Receive path - distortion and noise 1000Hz WB&NB

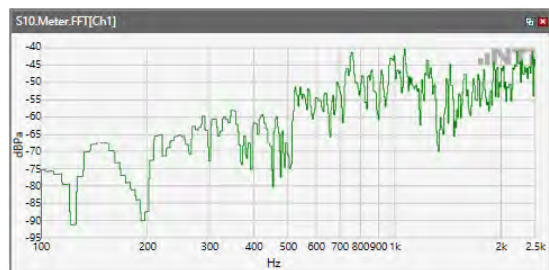
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



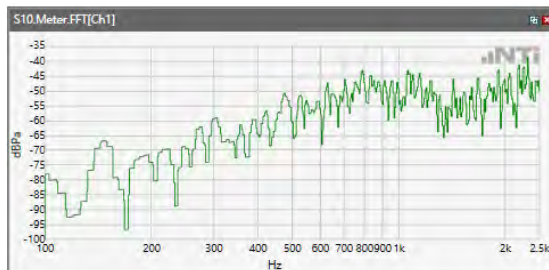
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



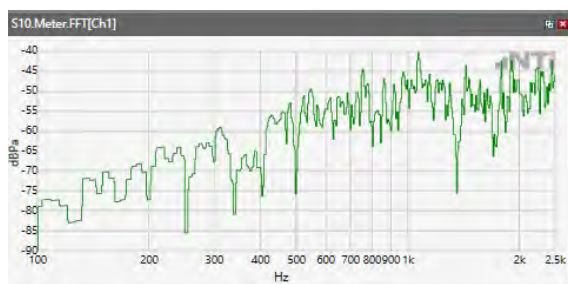
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



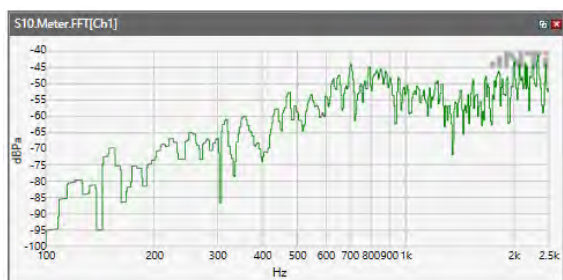
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



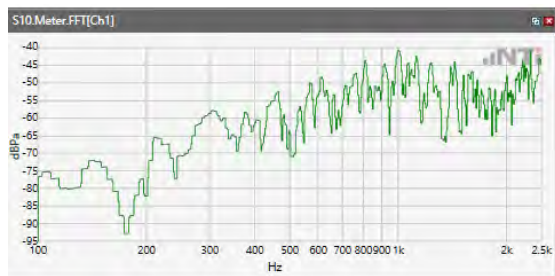
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



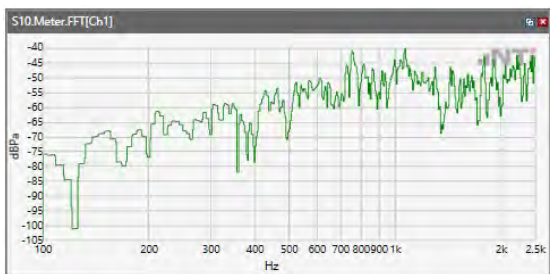
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



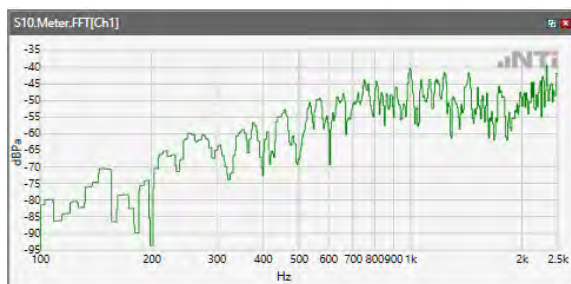
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



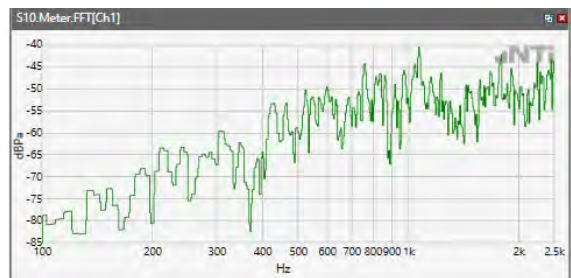
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



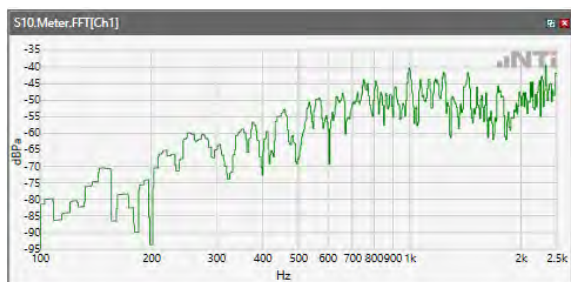
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

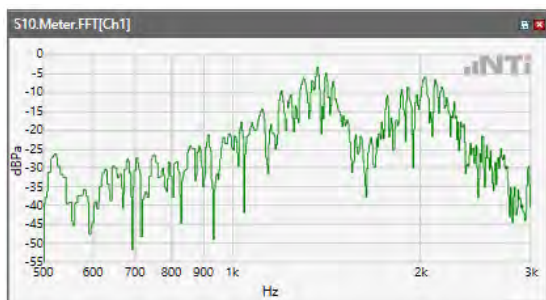


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

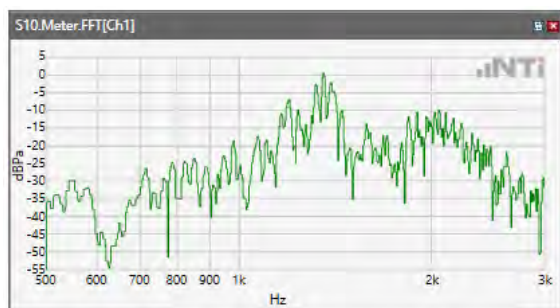


Receive path - distortion and noise 1250Hz WB&NB

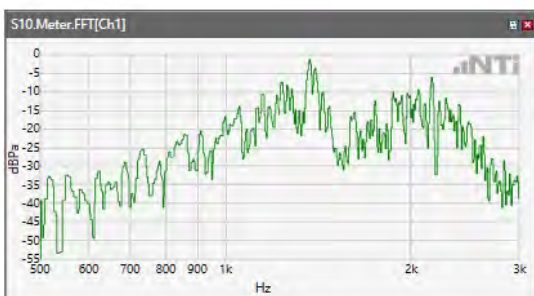
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



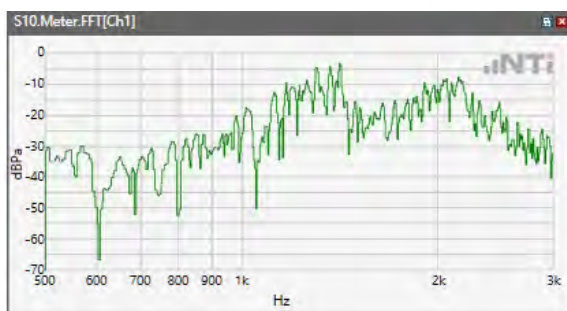
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



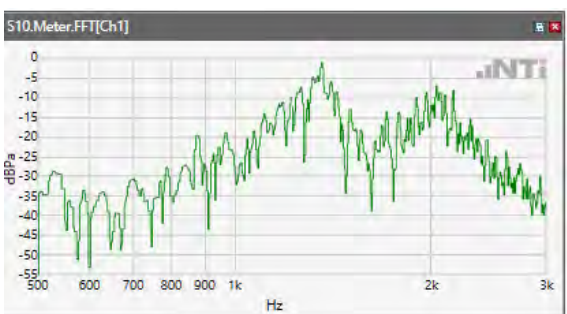
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



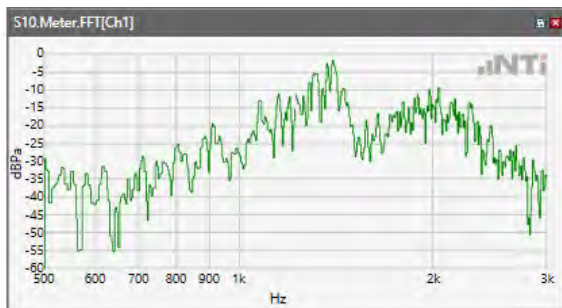
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



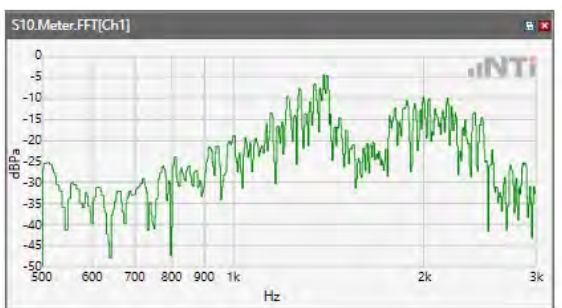
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



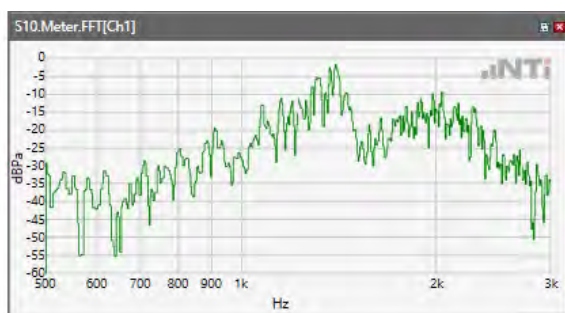
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



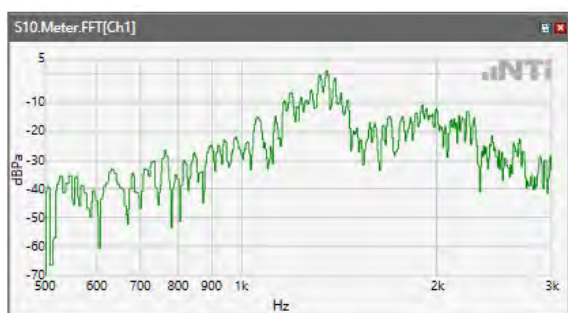
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



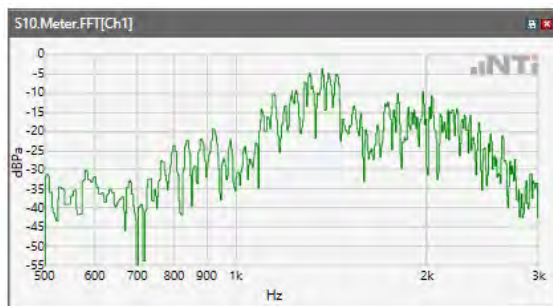
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



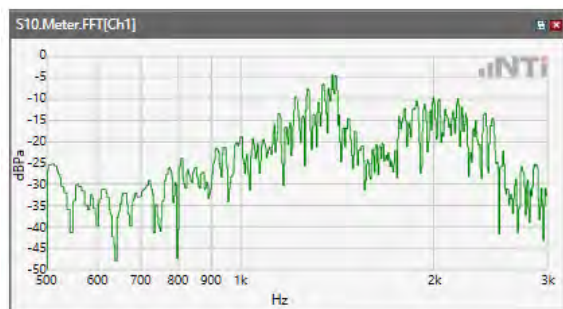
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

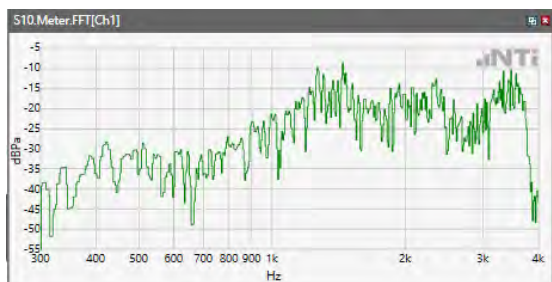


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

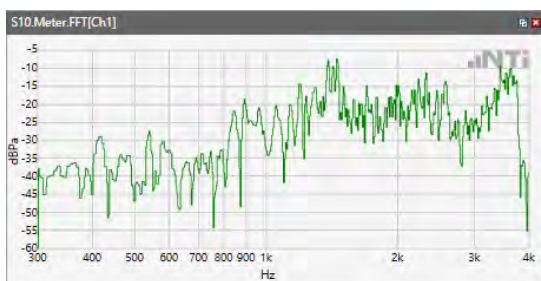


Receive path - distortion and noise 1600Hz WB&NB

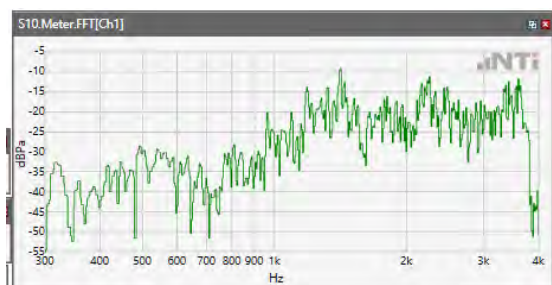
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



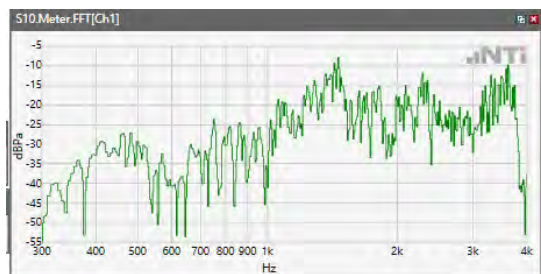
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



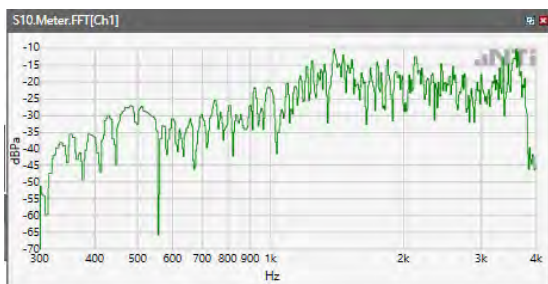
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



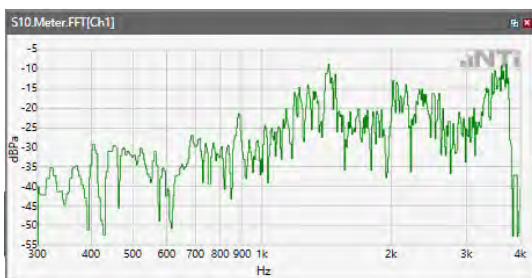
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



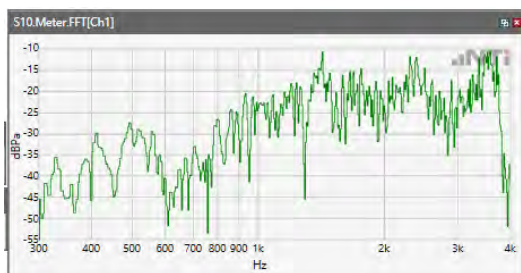
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



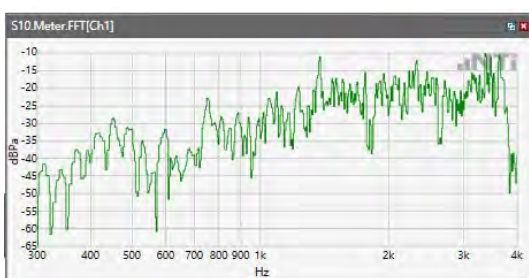
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



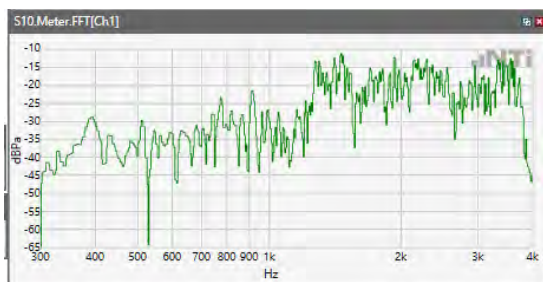
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



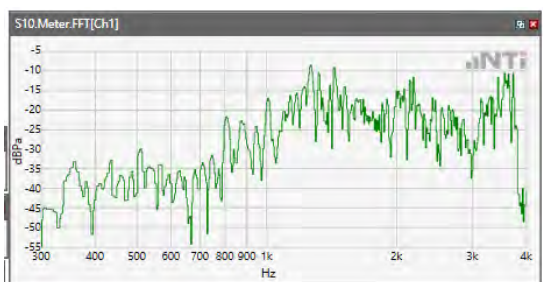
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



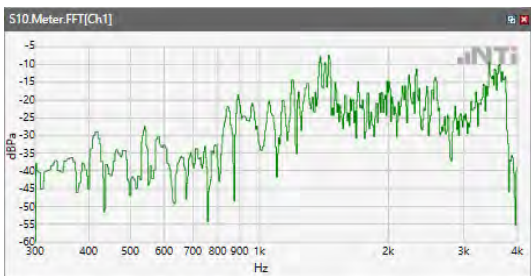
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

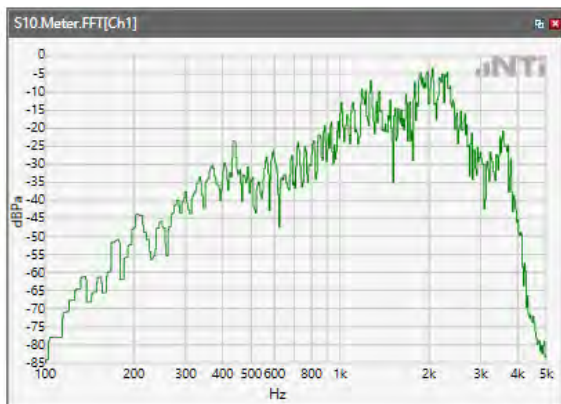


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

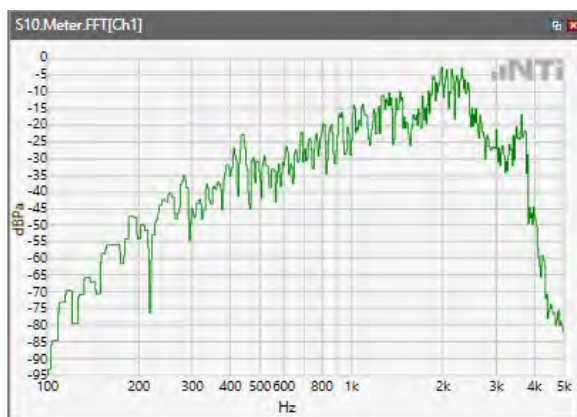


Receive path - distortion and noise 2000Hz WB&NB

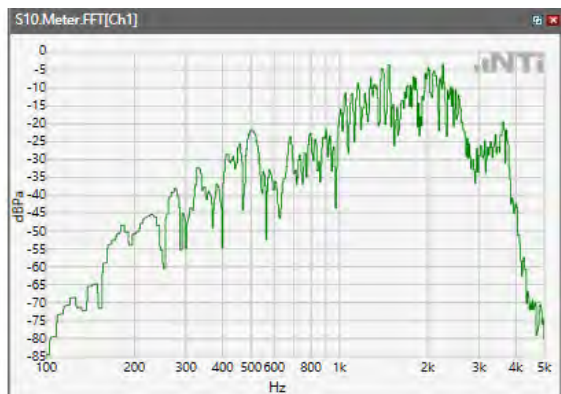
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 850



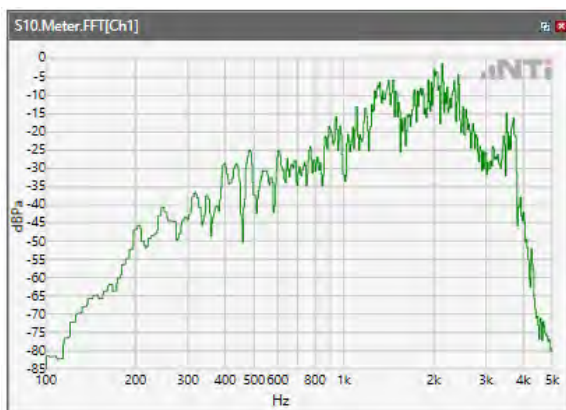
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 1900



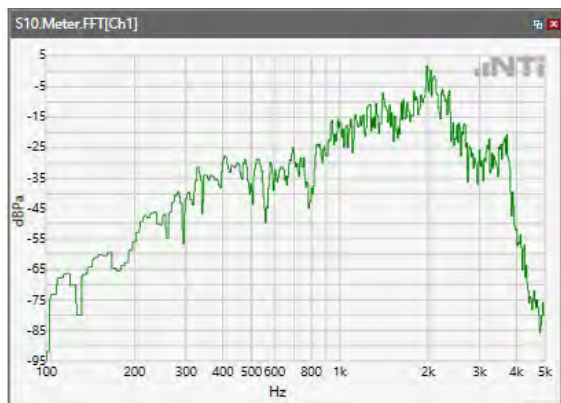
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\WCDMA II



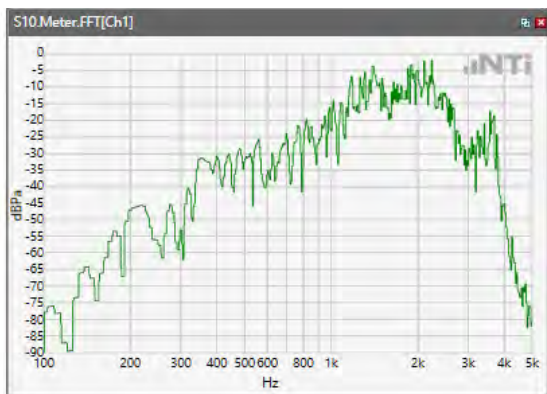
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



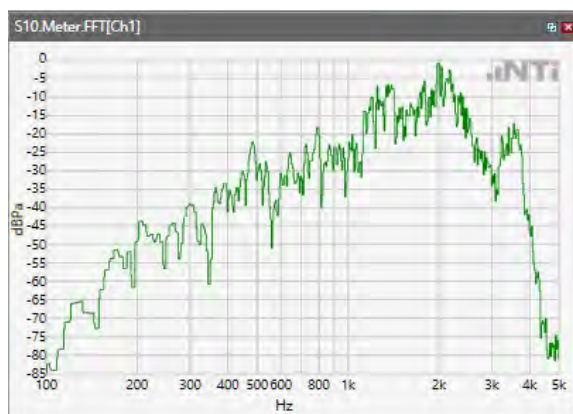
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



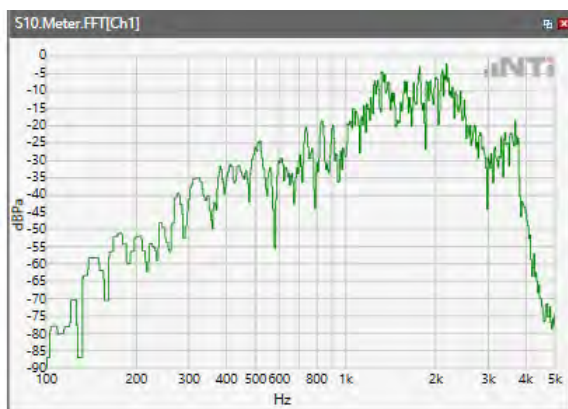
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



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



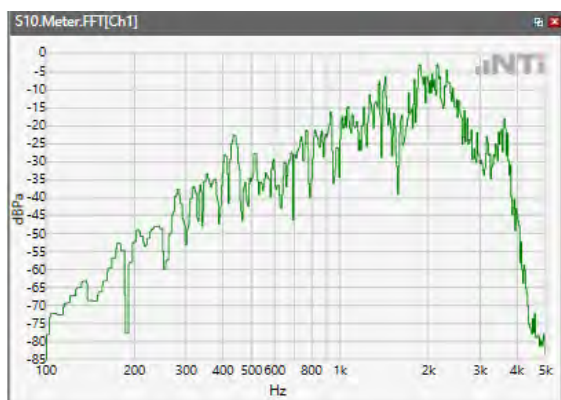
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



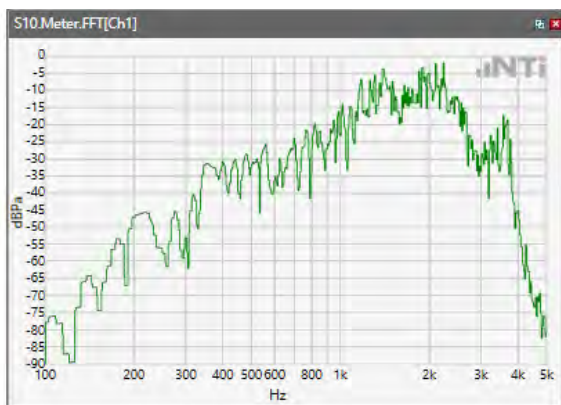
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

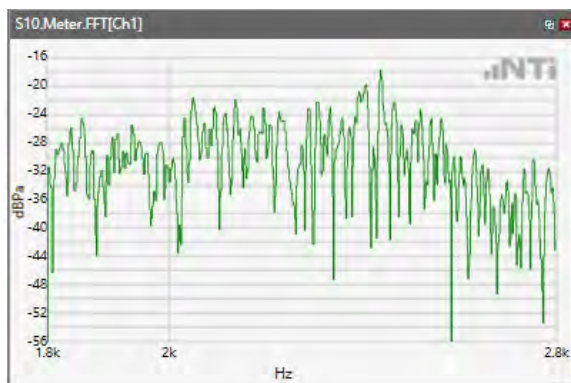


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

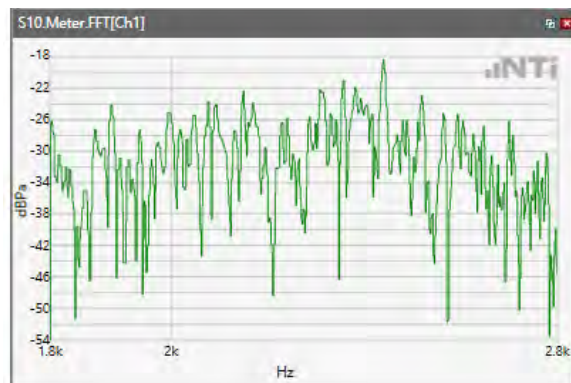


Receive path - distortion and noise 2500Hz WB&NB

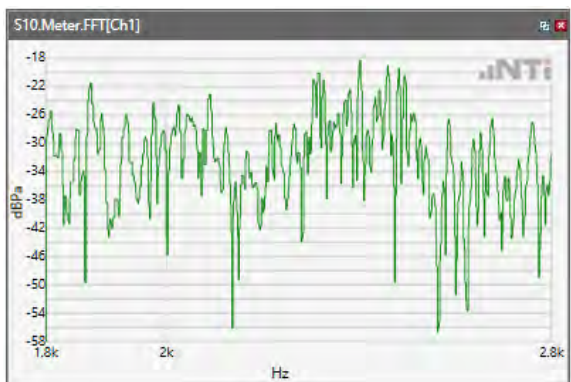
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



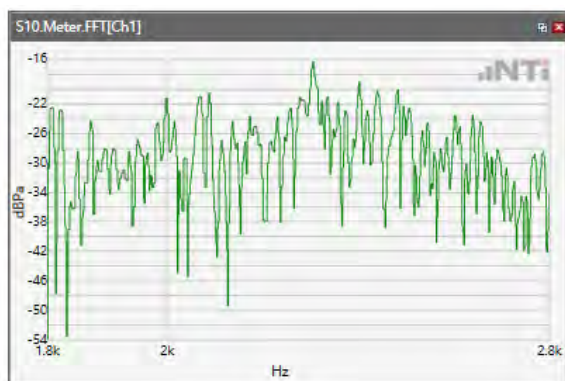
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



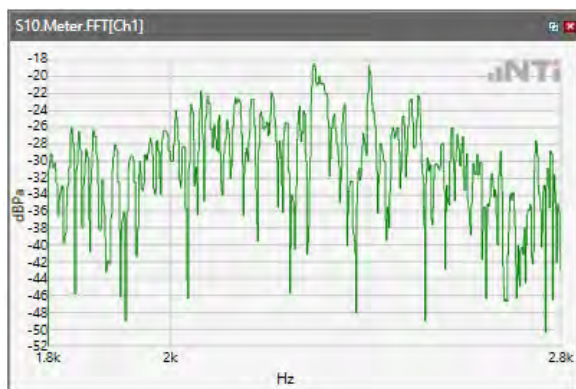
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



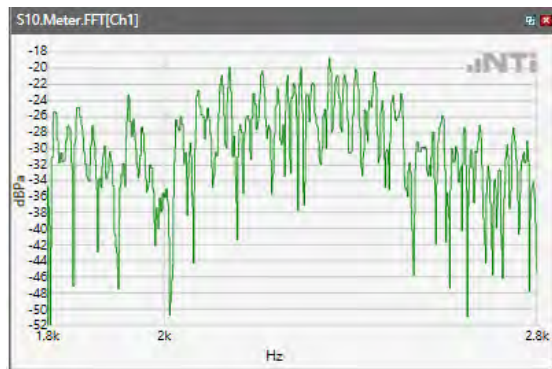
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



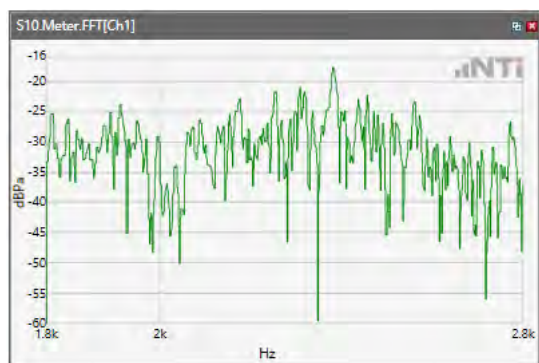
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



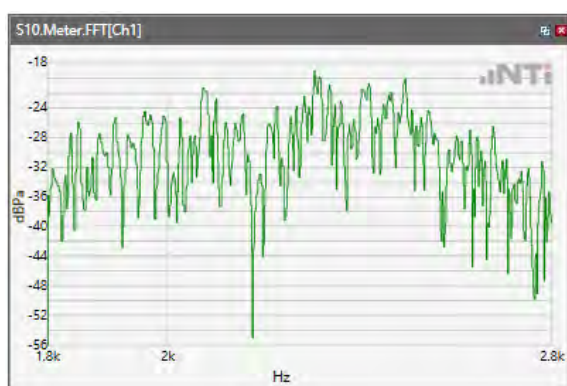
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



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

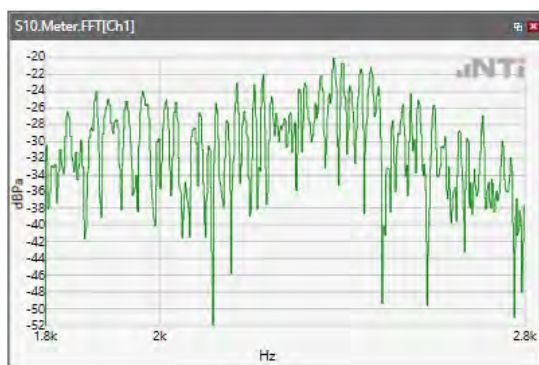


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26

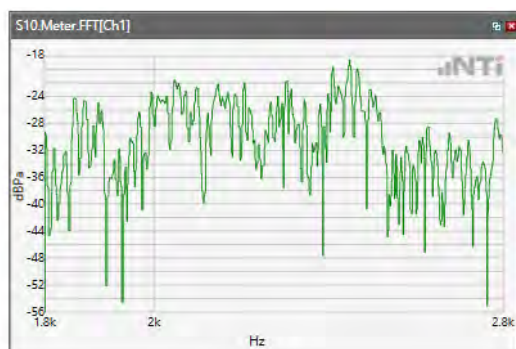


A

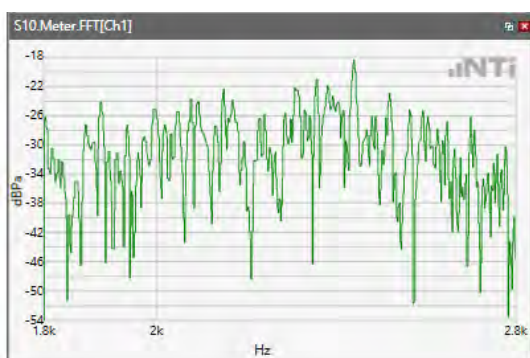
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

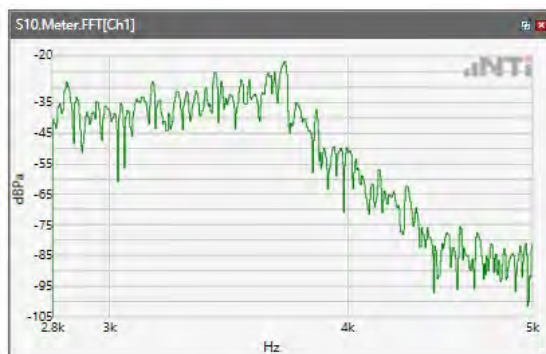


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

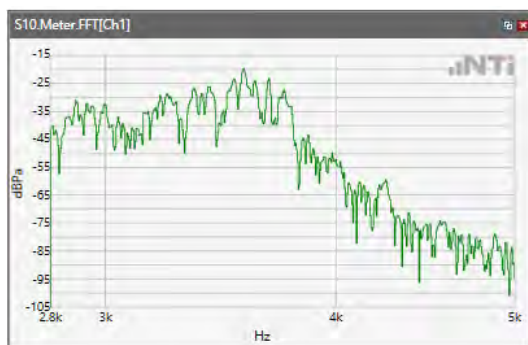


Receive path - distortion and noise 3150Hz WB&NB

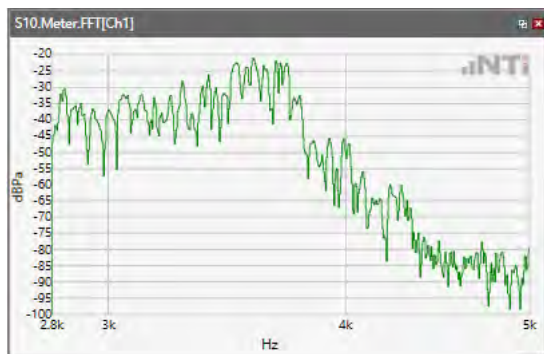
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



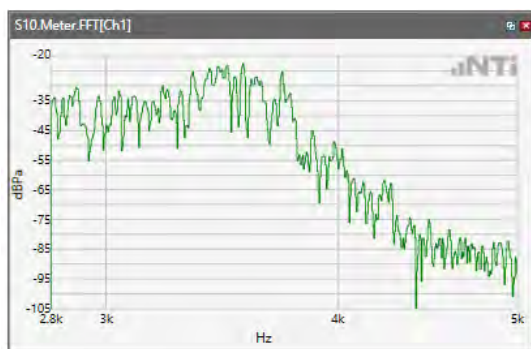
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



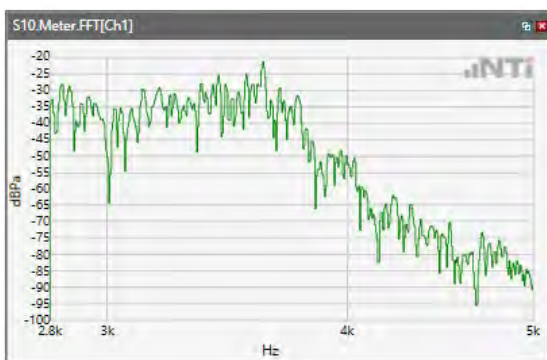
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



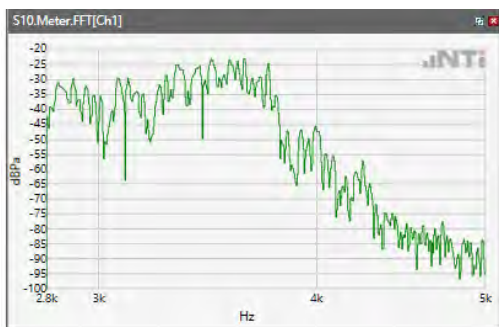
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



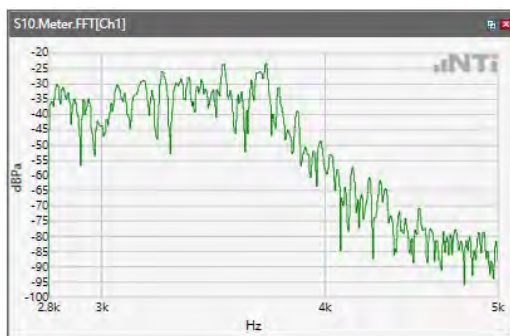
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



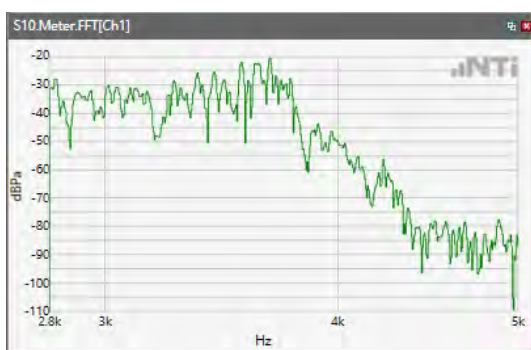
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



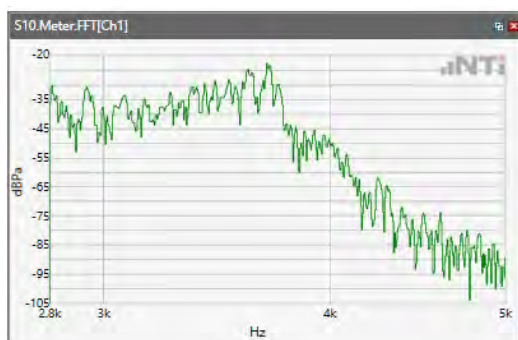
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



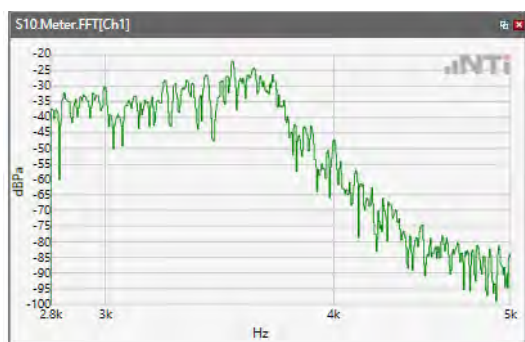
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



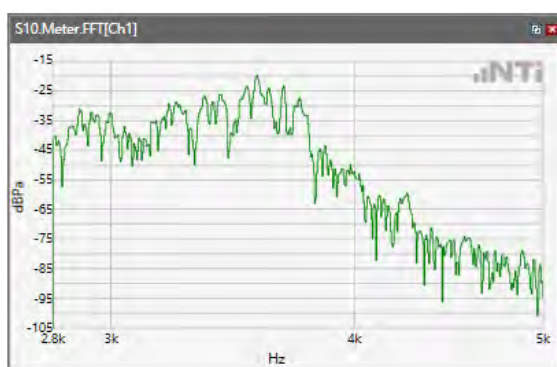
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

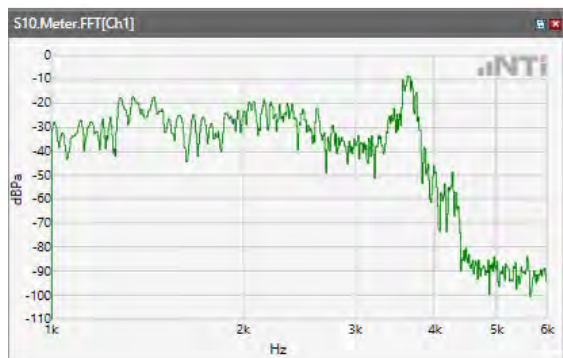


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

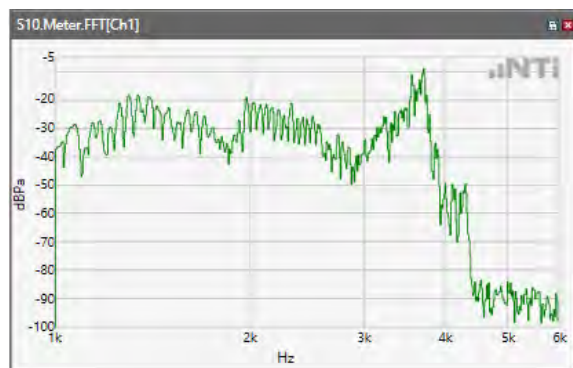


Receive path - distortion and noise 4000Hz WB only

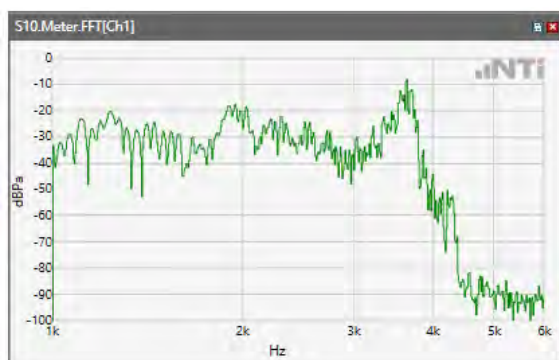
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



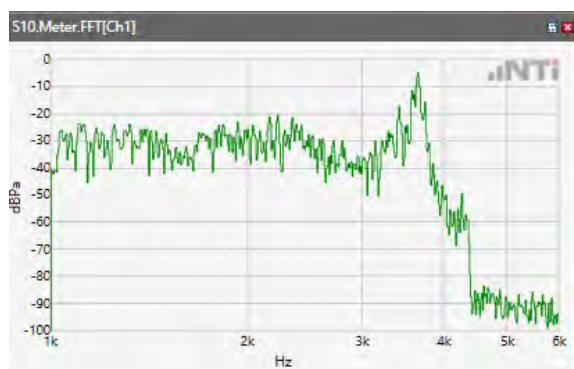
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



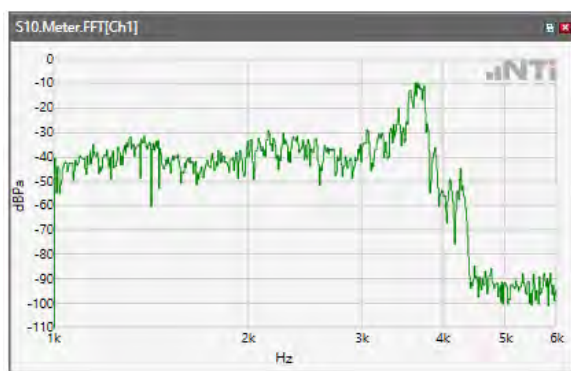
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



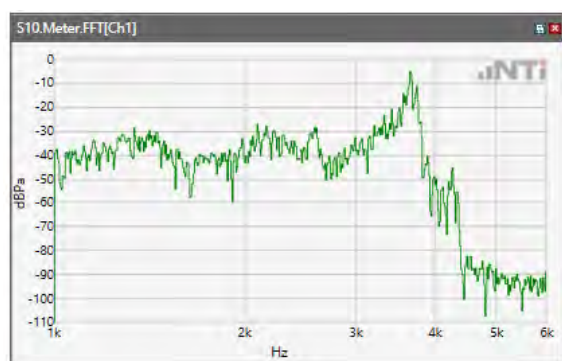
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



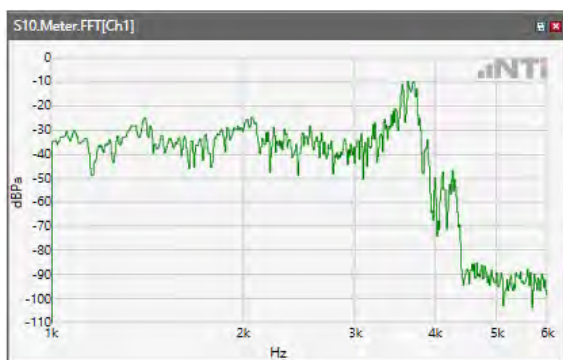
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



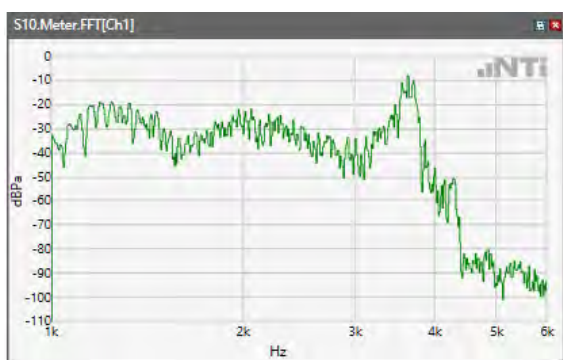
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



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



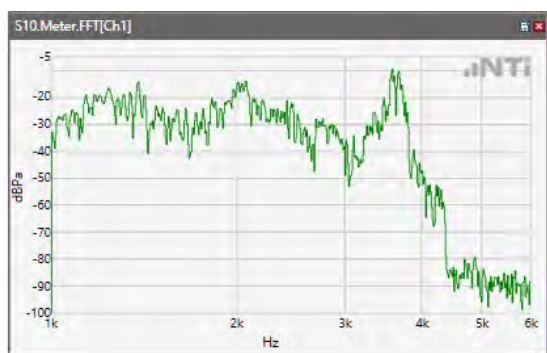
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



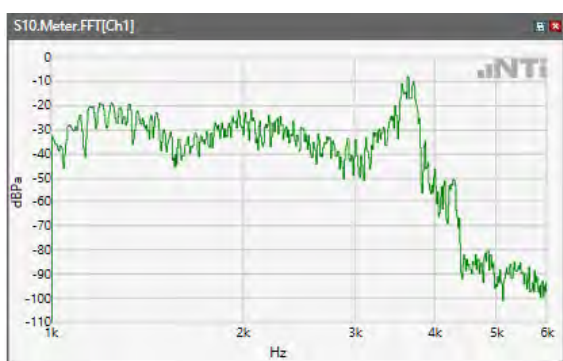
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

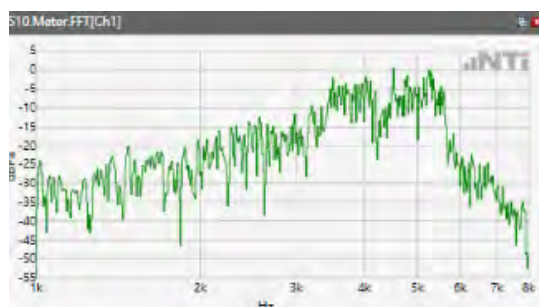


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

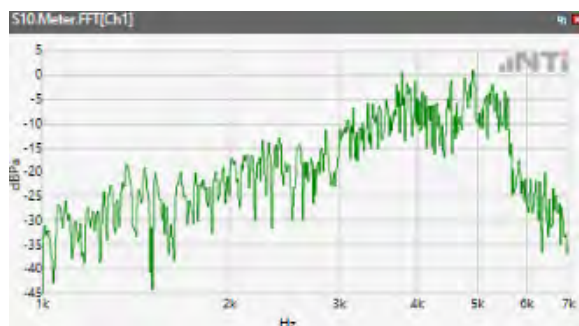


Receive path - distortion and noise 5000Hz WB only

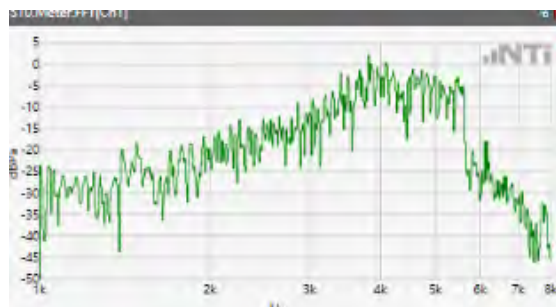
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



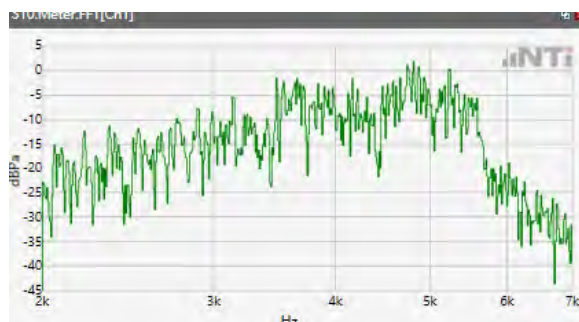
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



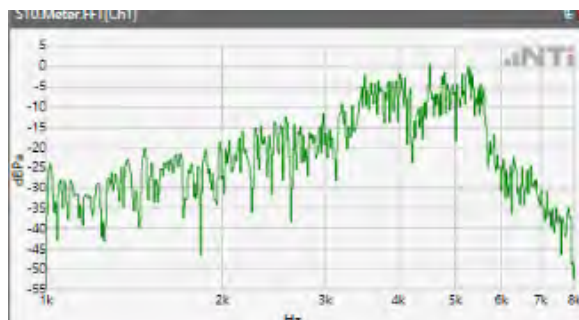
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



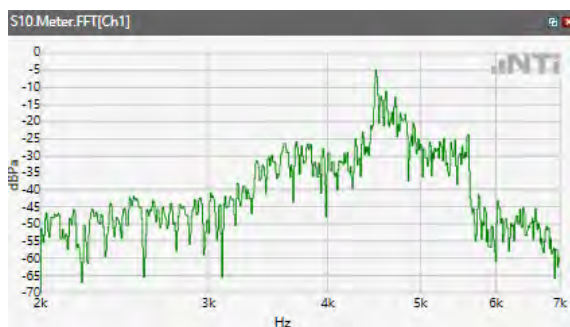
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



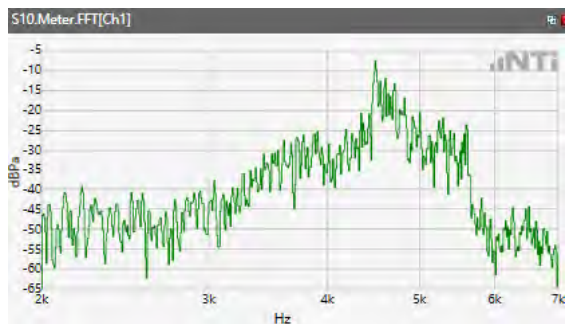
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



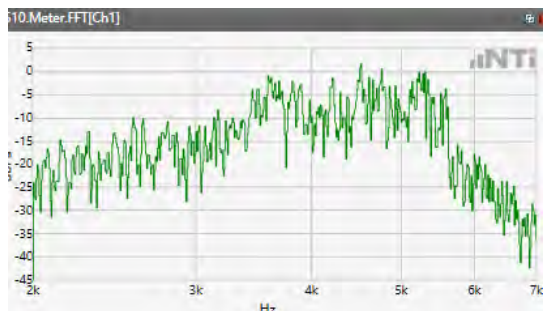
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



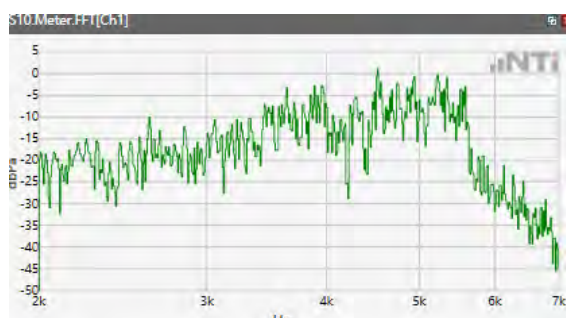
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



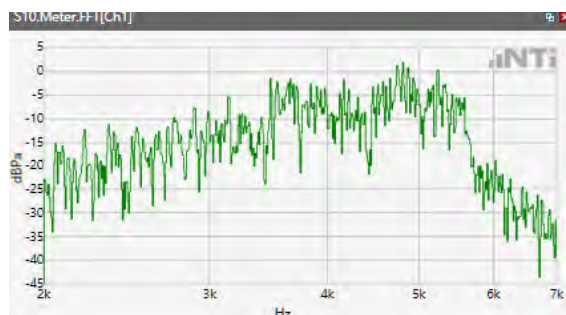
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



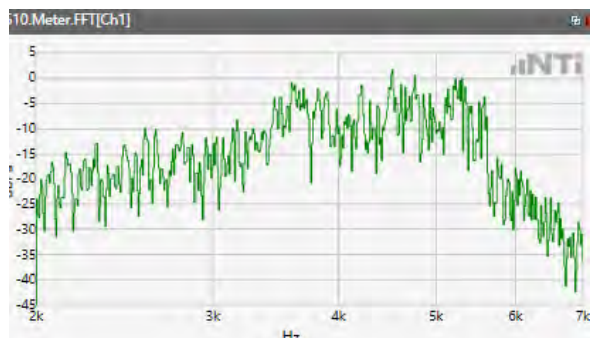
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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



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

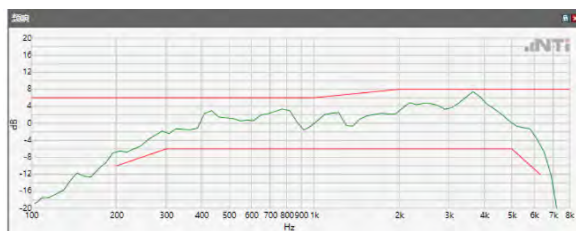


5.2 Receive path – distortion and noise

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 23.85 kbps \GSM 850



Absolute minimal distance

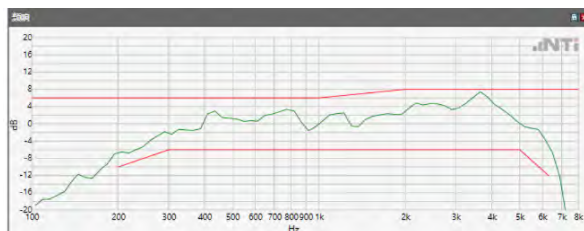
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

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



Absolute minimal distance

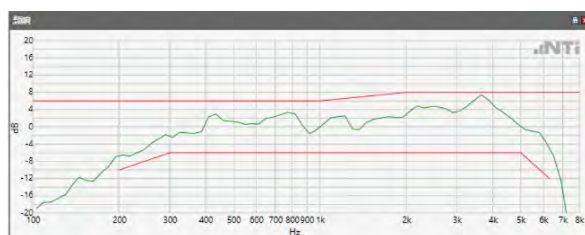
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

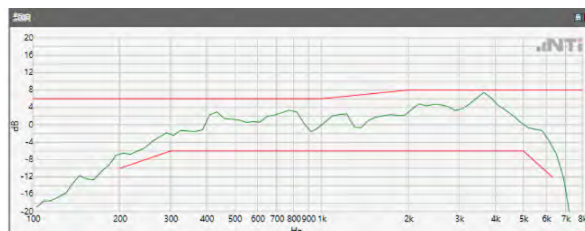
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

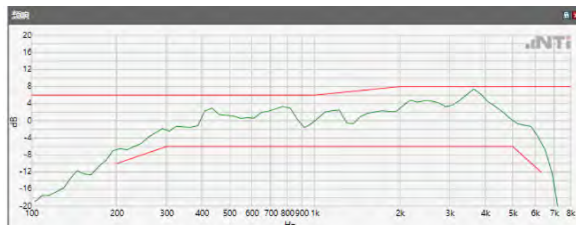


Absolute minimal distance

OK

OK

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



Absolute minimal distance

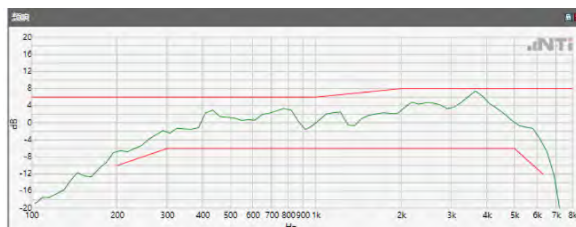
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

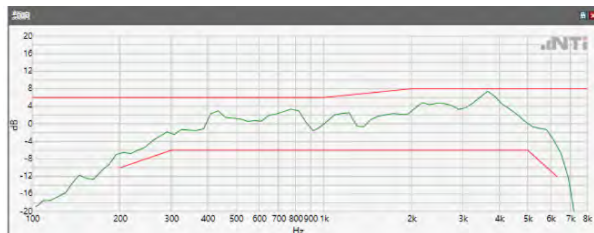
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

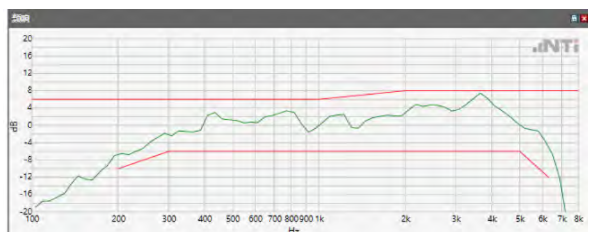
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

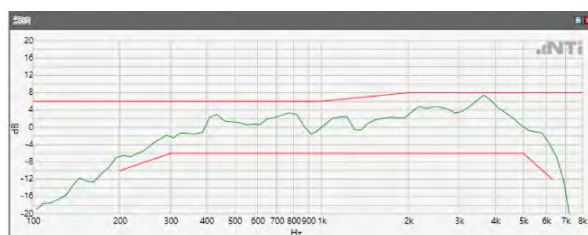
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

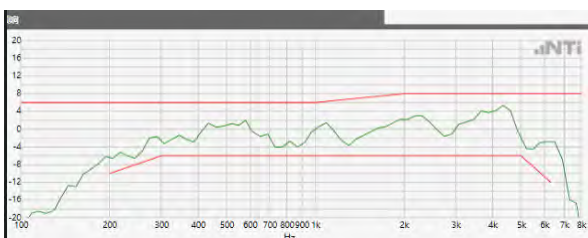
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

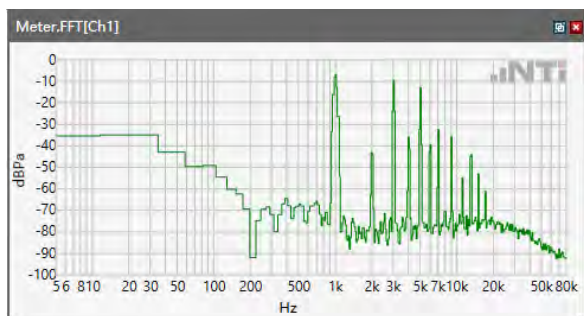
OK

Limits

	lower
Run 1	Fit into tolerance

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

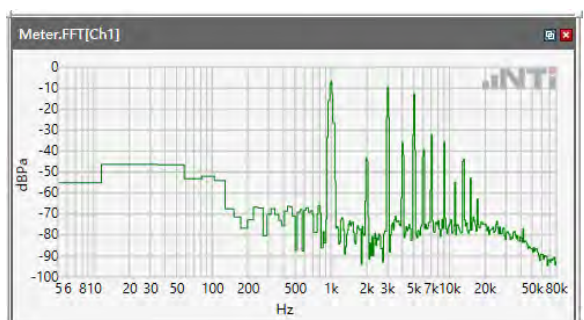
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 12



Speech Level RCV: 96.24 dB[SPL]

Calculated Value: 26.24 dB Ok

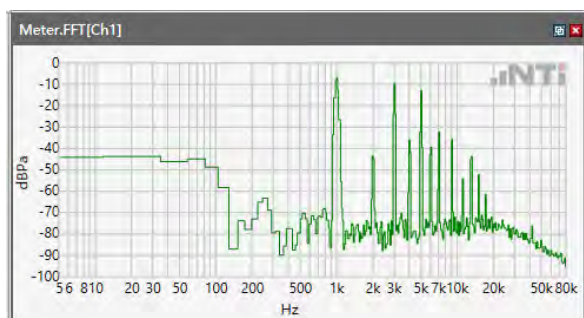
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 25



Speech Level RCV: 95.42 dB[SPL]

Calculated Value: 25.42 dB Ok

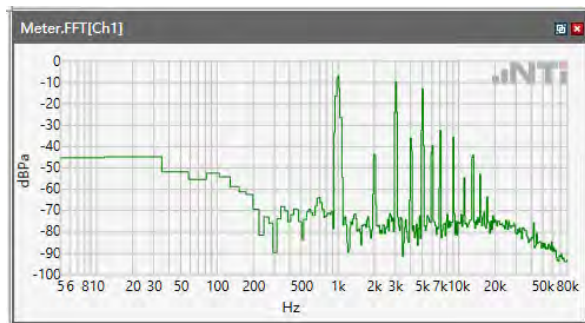
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 26



Speech Level RCV: 97.23 dB[SPL]

Calculated Value: 27.23 dB Ok

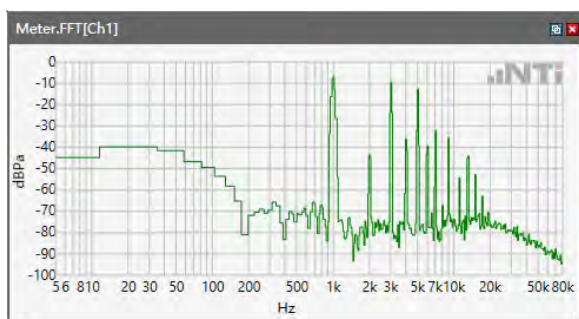
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 66



Speech Level RCV: 97.1 dB[SPL]

Calculated Value: 27.1 dB Ok

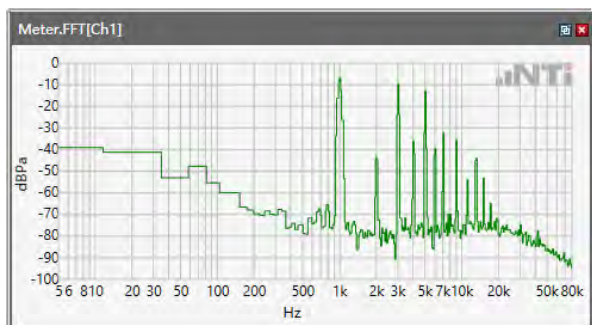
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE BAND 71



Speech Level RCV: 95.04 dB[SPL]

Calculated Value: 25.04 dB Ok

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

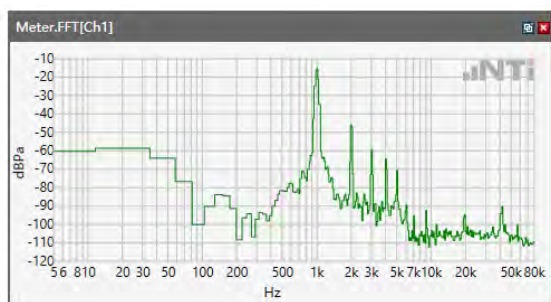


Speech Level RCV: 99.79 dB[SPL]

Calculated Value: 29.79 dB Ok

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

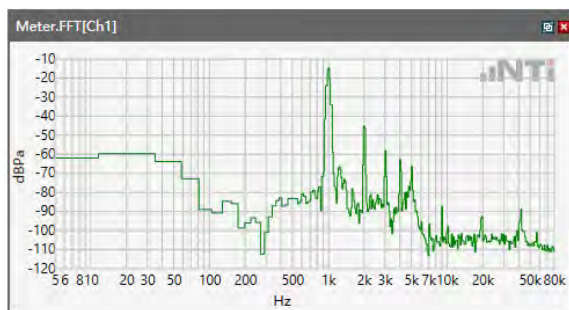
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 12



Speech Level RCV: 99.58 dB[SPL]

Calculated Value: 29.58 dB Ok

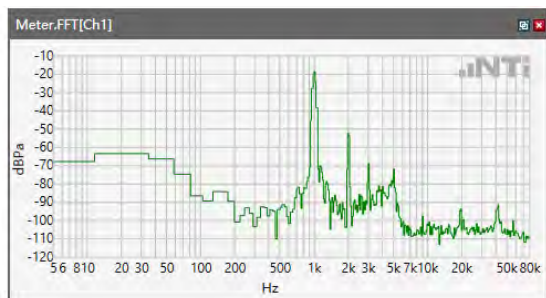
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band25



Speech Level RCV: 98.76 dB[SPL]

Calculated Value: 28.76 dB Ok

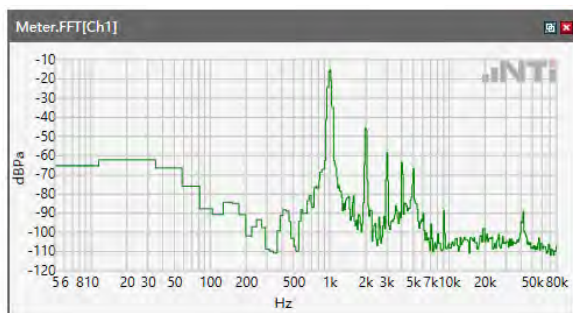
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 26



Speech Level RCV: 98.01 dB[SPL]

Calculated Value: 28.01 dB Ok

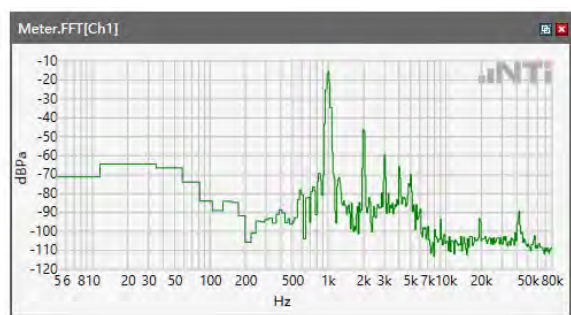
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE Band 66



Speech Level RCV: 98.16 dB[SPL]

Calculated Value: 28.16 dB Ok

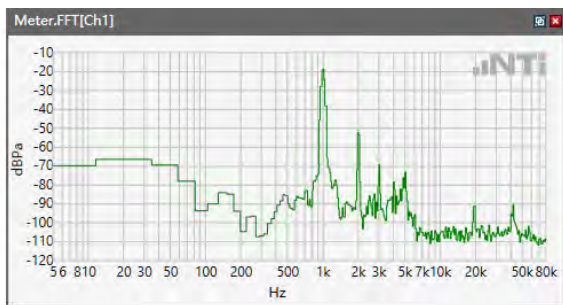
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 24.4 kbps \ LTE BAND 71



Speech Level RCV: 98.72 dB[SPL]

Calculated Value: 28.72 dB Ok

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

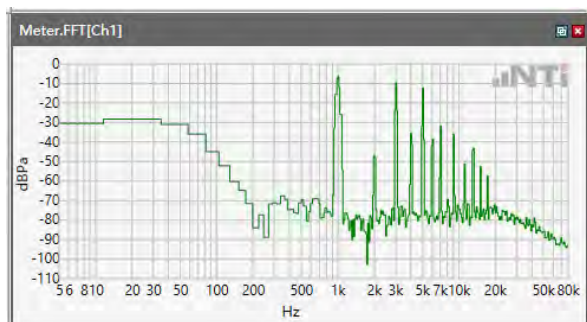


Speech Level RCV: 104.68 dB[SPL]

Calculated Value: 34.68 dB Ok

5.1 Receive Volume Control Performance 2N---NB

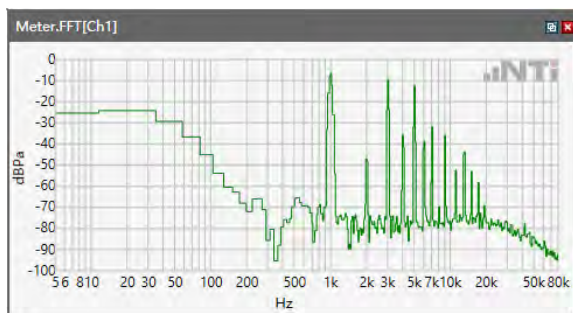
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 850



Speech Level RCV: 94.13 dB[SPL]

Calculated Value: 24.13 dB Ok

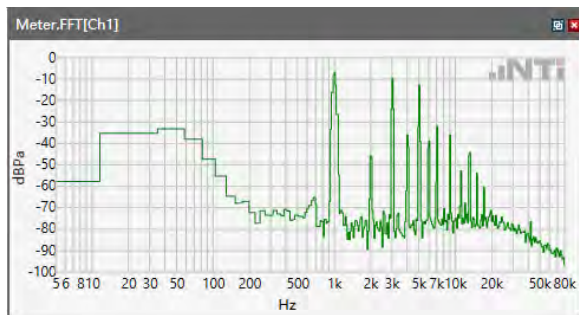
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 1900



Speech Level RCV: 94.36 dB[SPL]

Calculated Value: 24.36 dB Ok

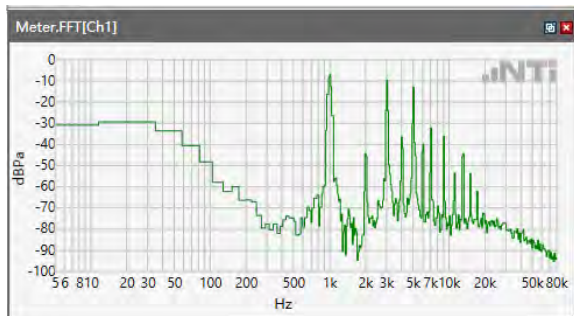
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 93.55 dB[SPL]

Calculated Value: 23.55 dB Ok

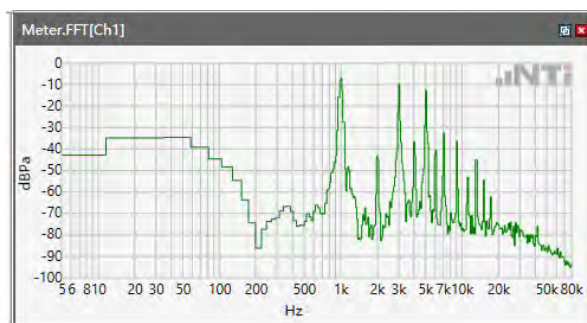
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band IV



Speech Level RCV: 93.82 dB[SPL]

Calculated Value: 23.82 dB Ok

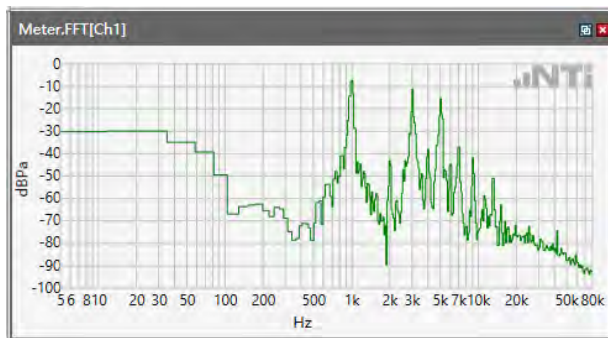
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 94.04 dB[SPL]

Calculated Value: 24.04 dB Ok

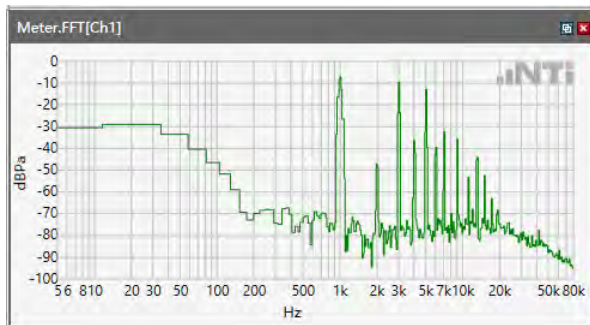
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 12



Speech Level RCV: 93.28 dB[SPL]

Calculated Value: 23.28 dB Ok

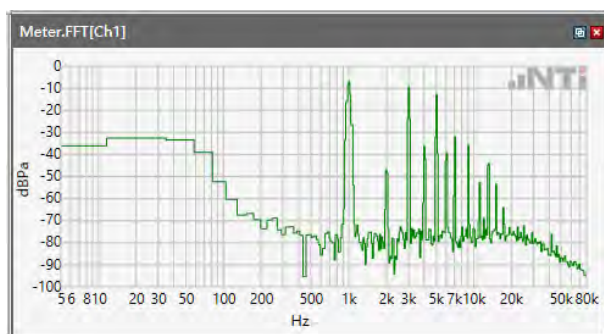
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 25



Speech Level RCV: 94.37 dB[SPL]

Calculated Value: 24.37 dB Ok

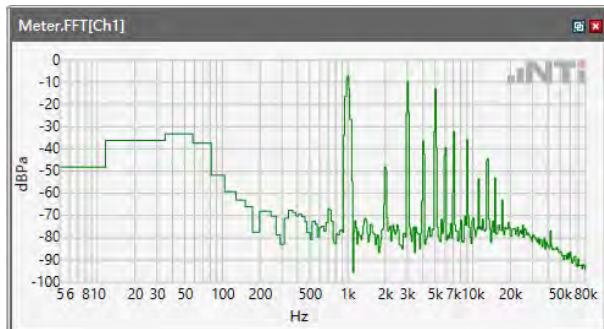
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 26



Speech Level RCV: 94.06 dB[SPL]

Calculated Value: 24.06 dB Ok

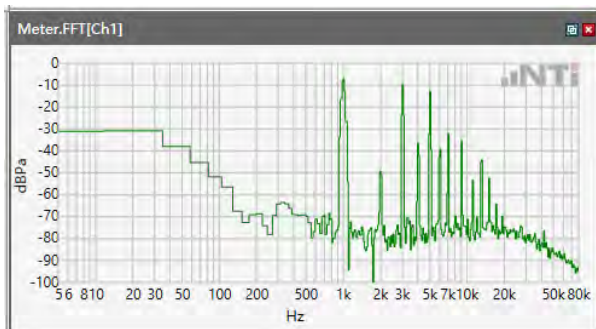
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 66



Speech Level RCV: 94.21 dB[SPL]

Calculated Value: 24.21 dB Ok

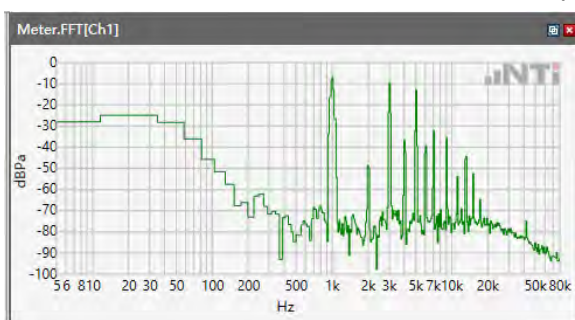
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE BAND 71



Speech Level RCV: 93.87 dB[SPL]

Calculated Value: 23.87 dB Ok

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

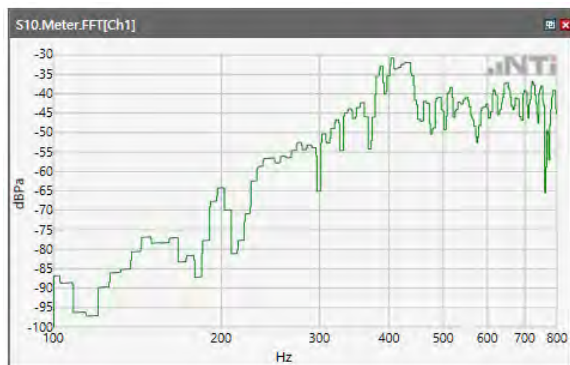


Speech Level RCV: 96.75 dB[SPL]

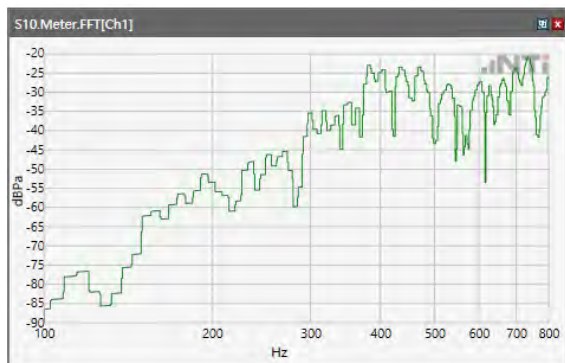
Calculated Value: 26.75 dB Ok

Receive path - distortion and noise 400Hz WB&NB

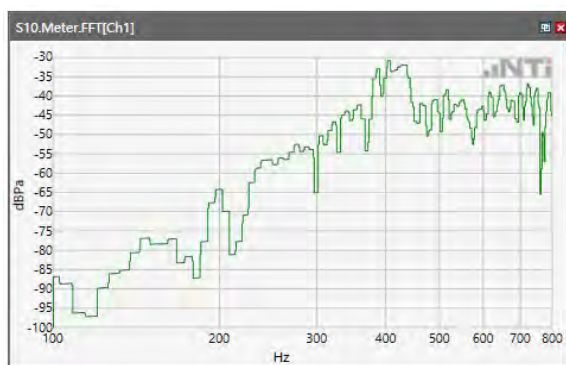
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



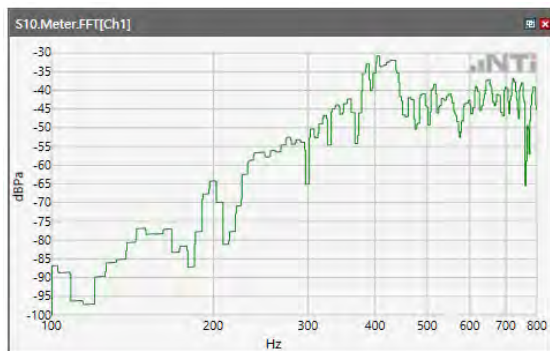
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



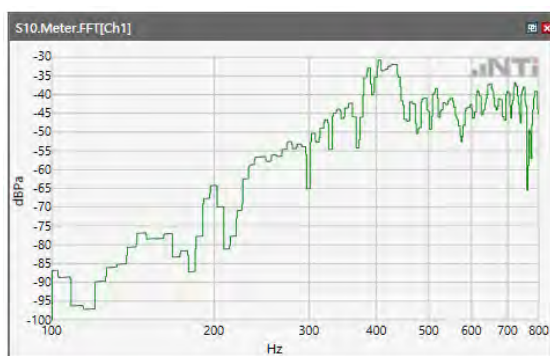
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



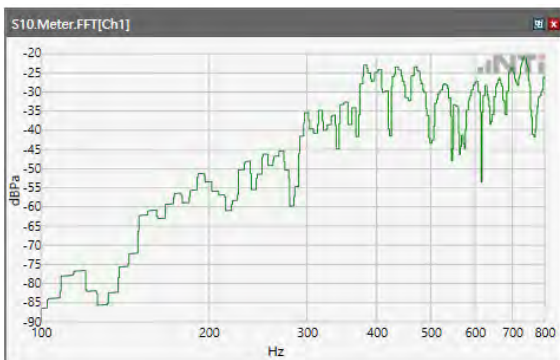
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



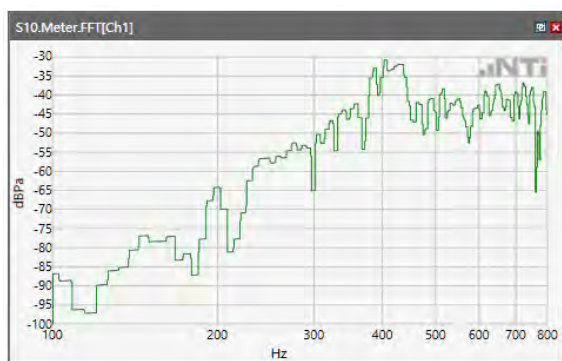
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



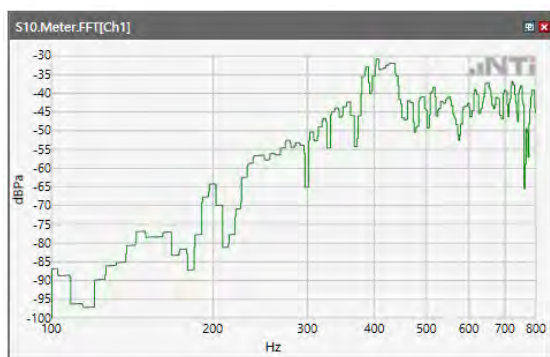
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



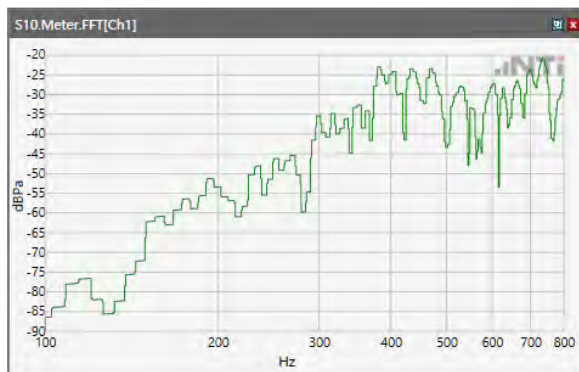
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



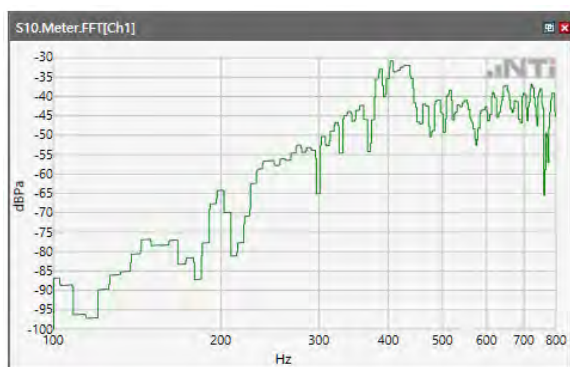
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



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\LTE Band 71

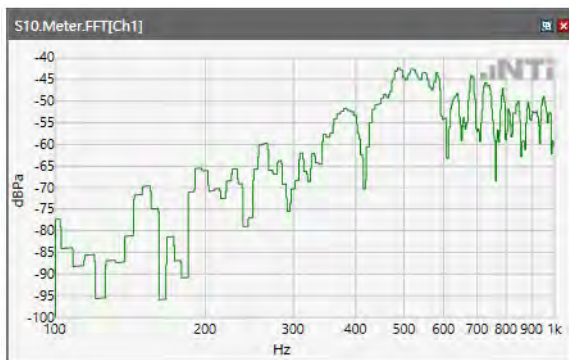


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

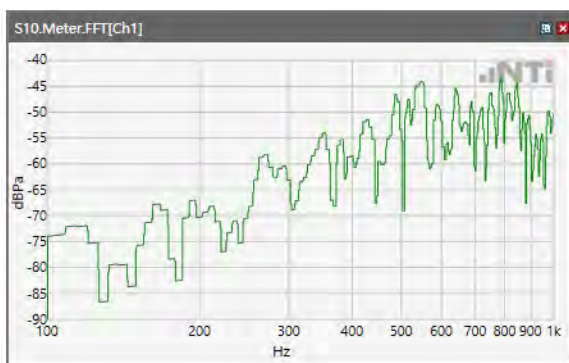


Receive path - distortion and noise 500Hz WB&NB

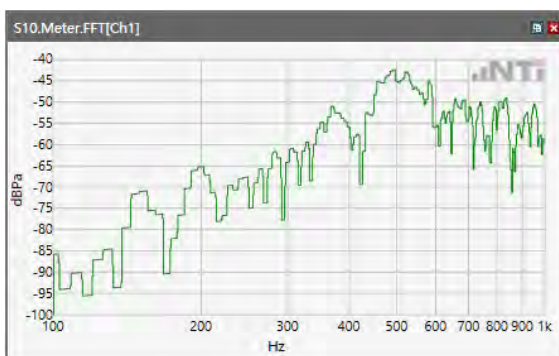
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



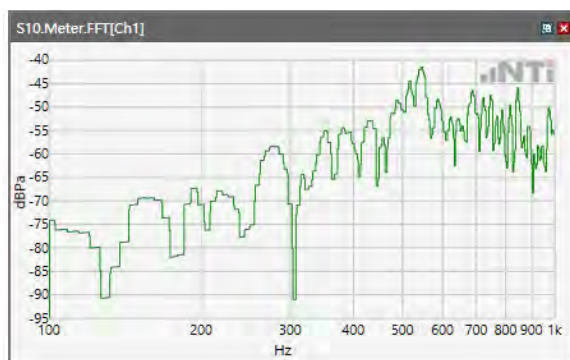
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



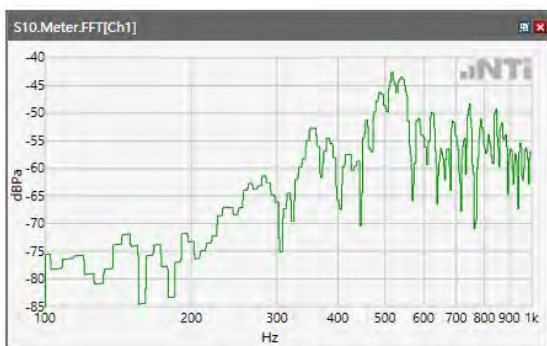
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



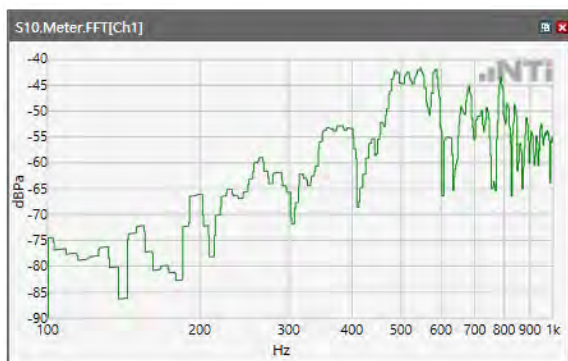
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



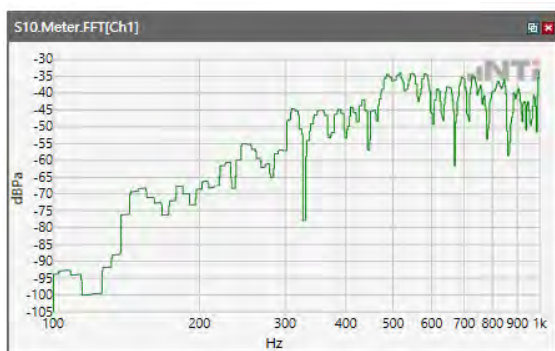
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



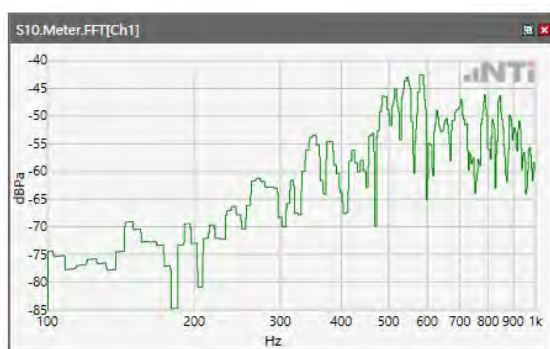
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



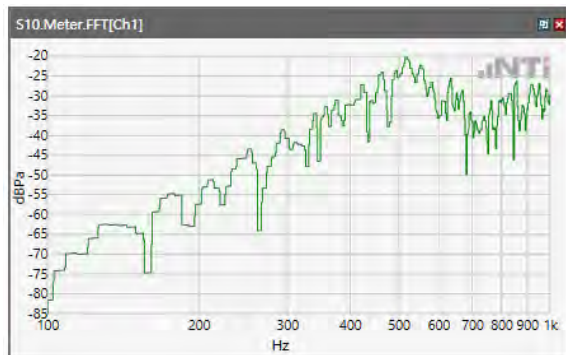
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



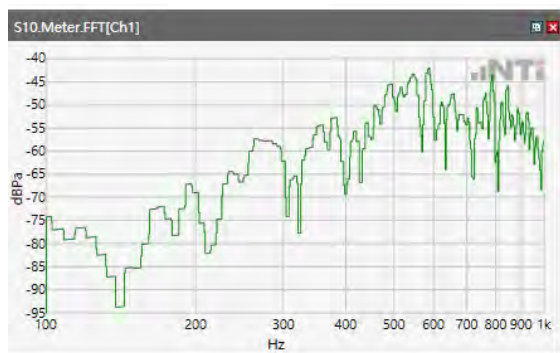
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



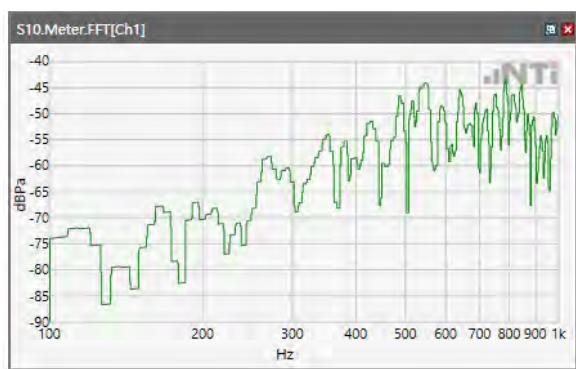
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

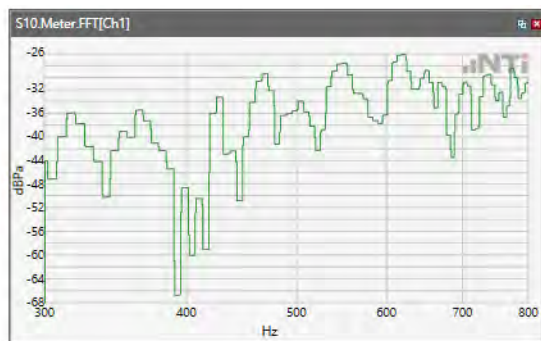


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

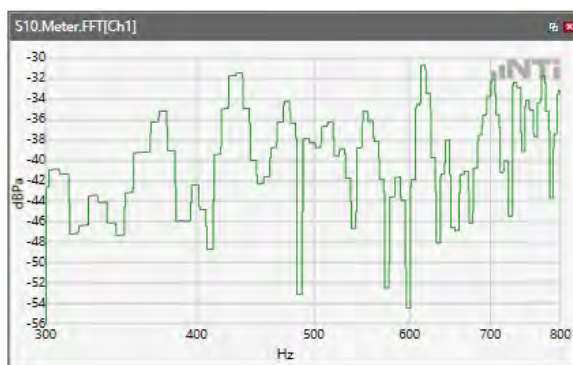


Receive path - distortion and noise 630Hz WB&NB

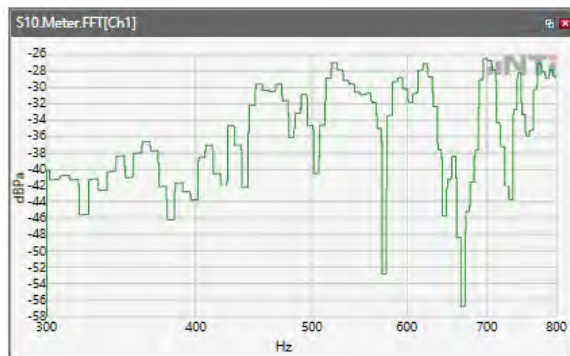
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



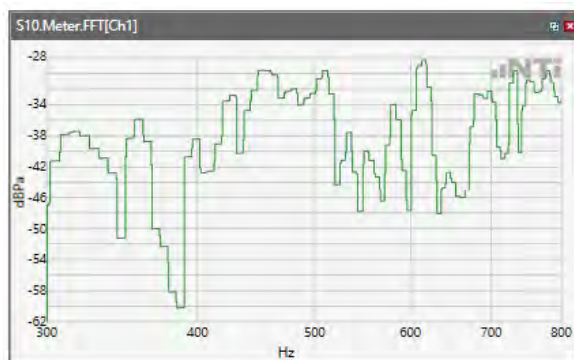
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



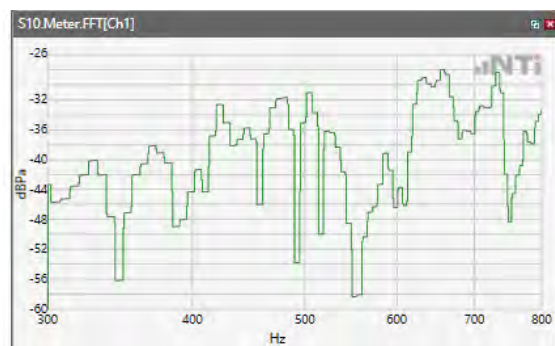
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



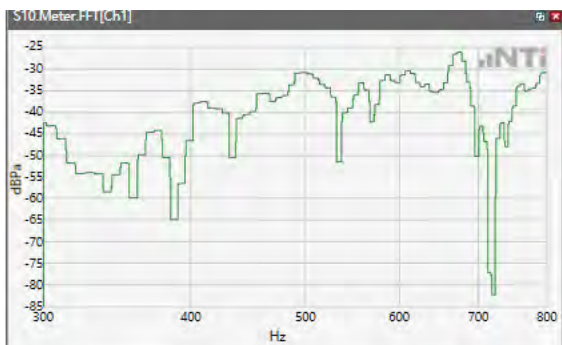
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



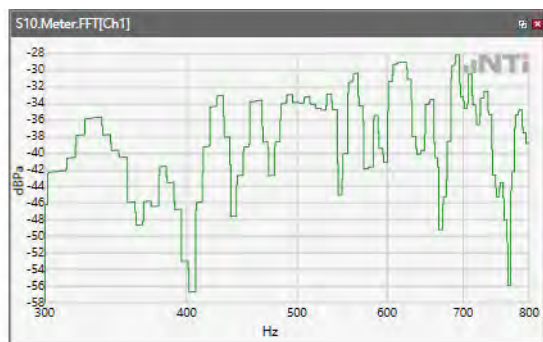
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



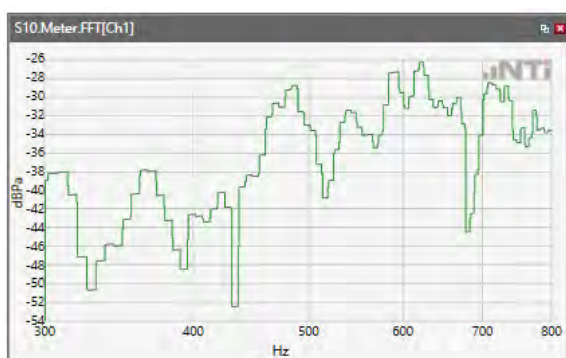
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



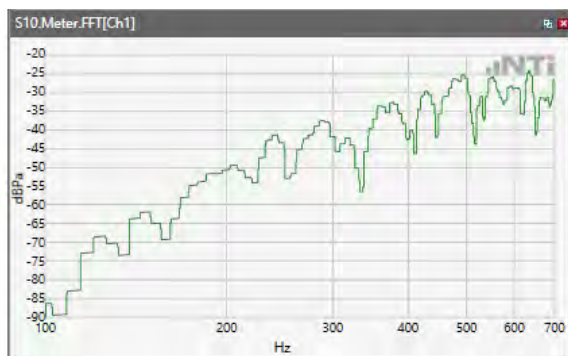
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



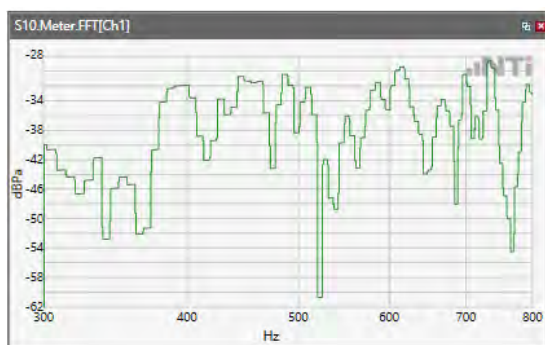
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



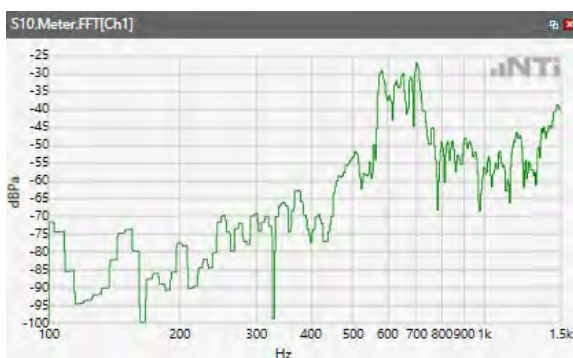
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71

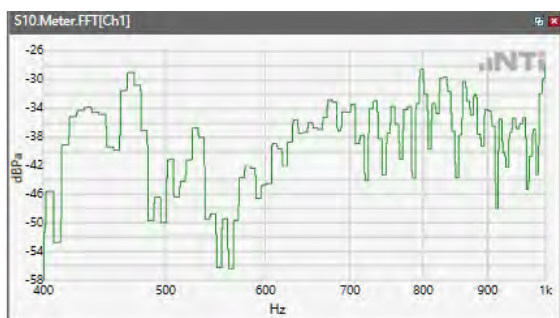


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

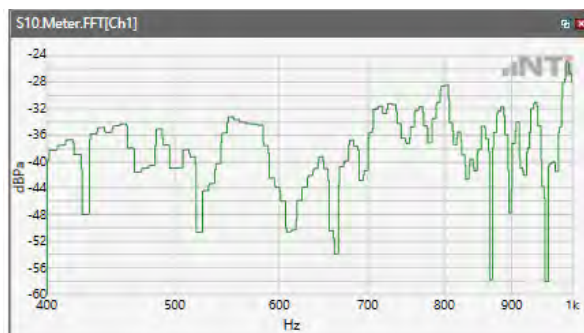


Receive path - distortion and noise 800Hz WB&NB

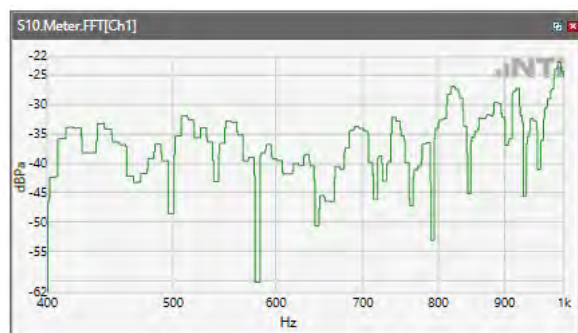
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



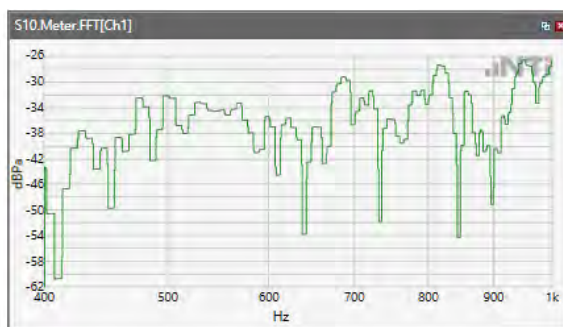
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



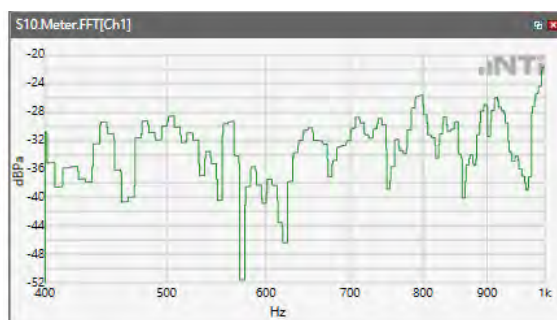
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



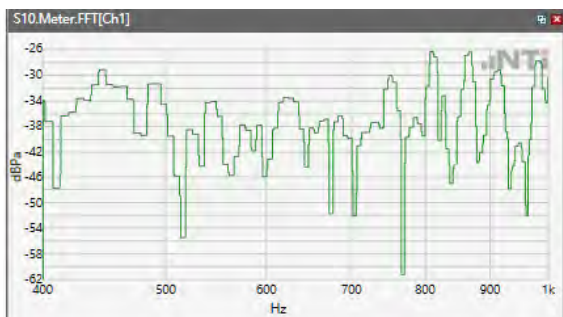
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



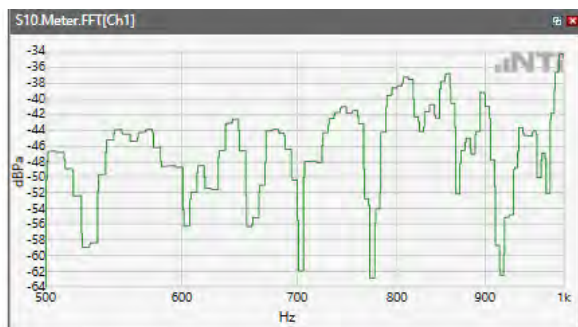
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



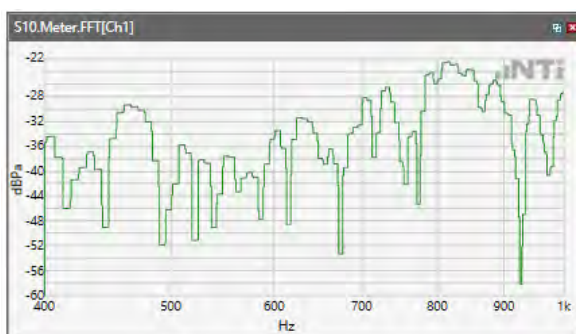
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



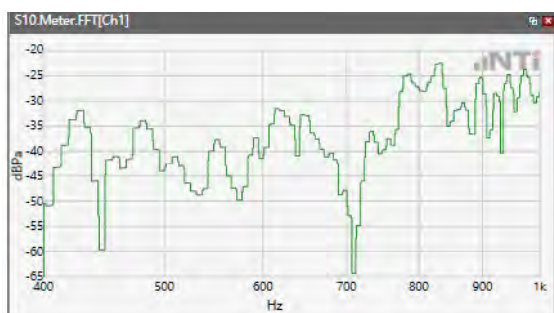
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



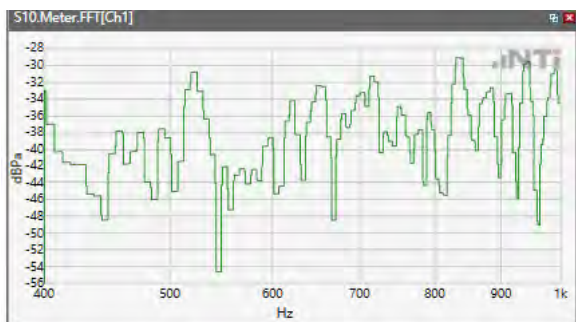
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



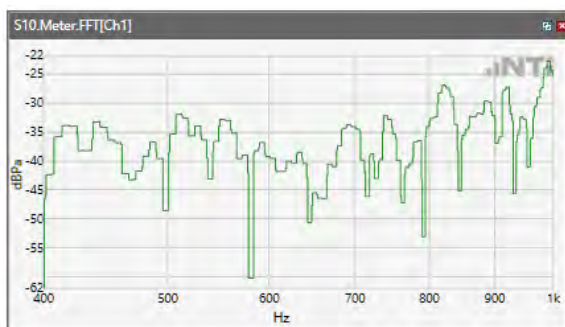
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71

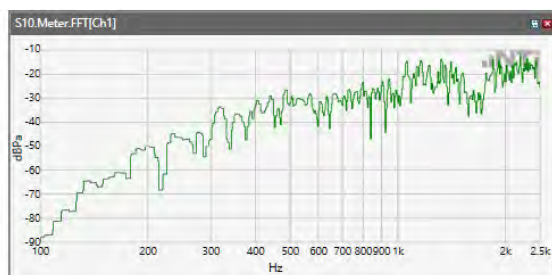


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

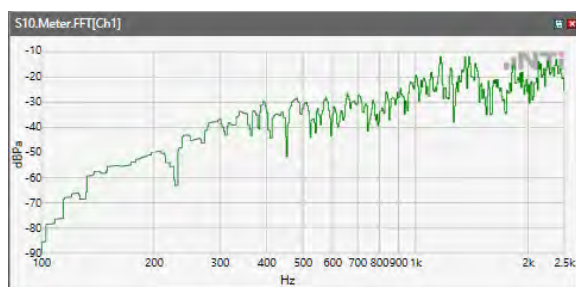


Receive path - distortion and noise 1000Hz WB&NB

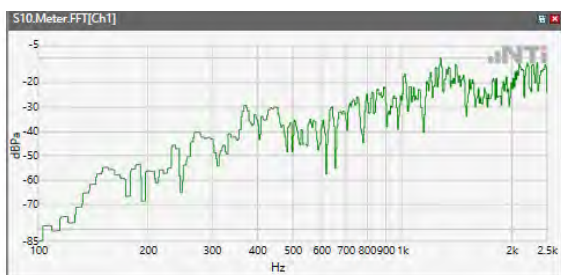
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



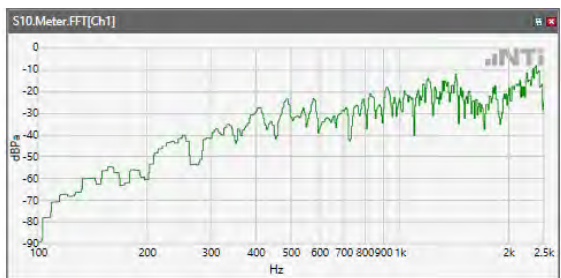
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



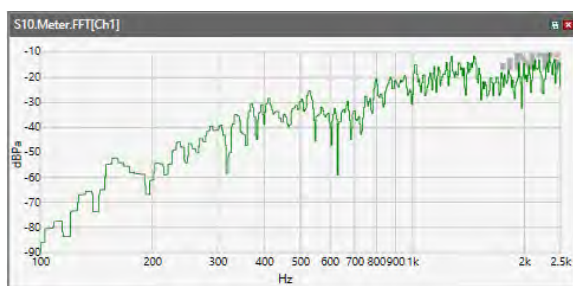
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



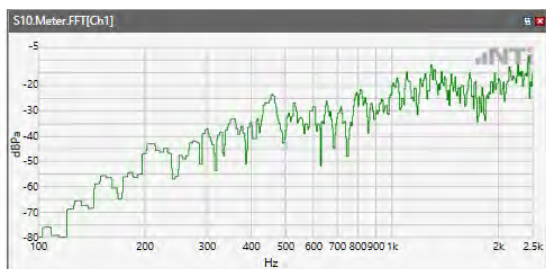
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



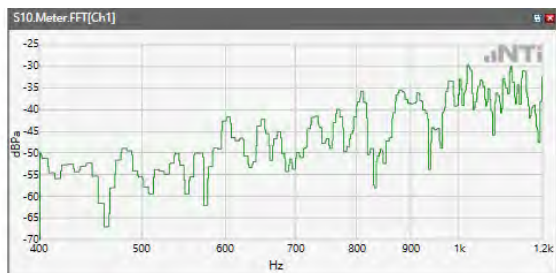
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



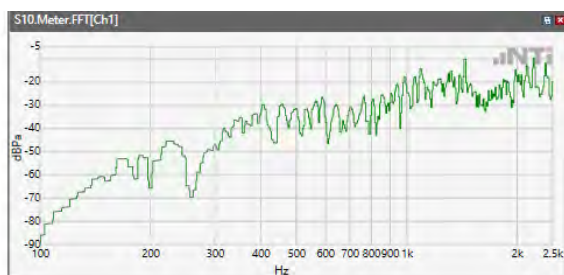
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



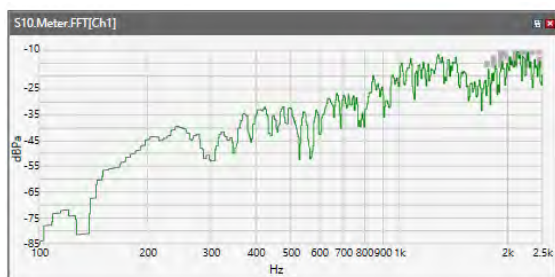
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



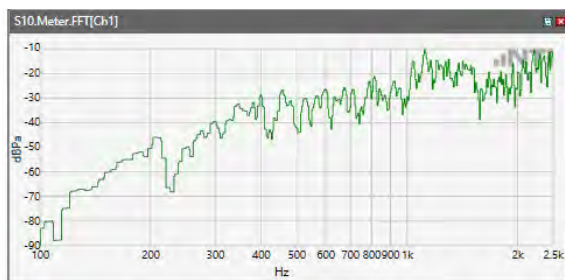
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



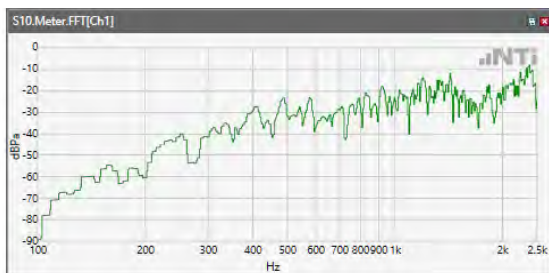
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

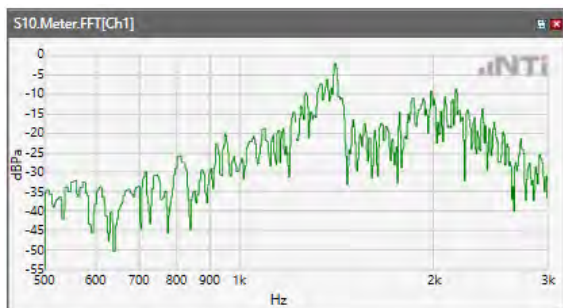


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

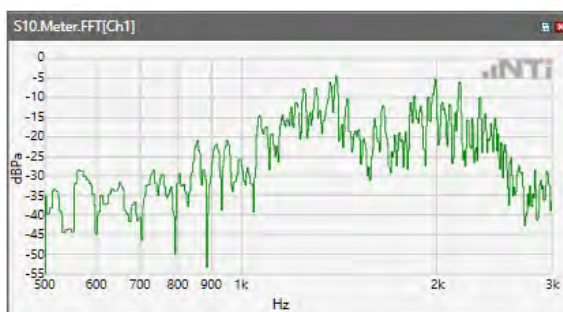


Receive path - distortion and noise 1250Hz WB&NB

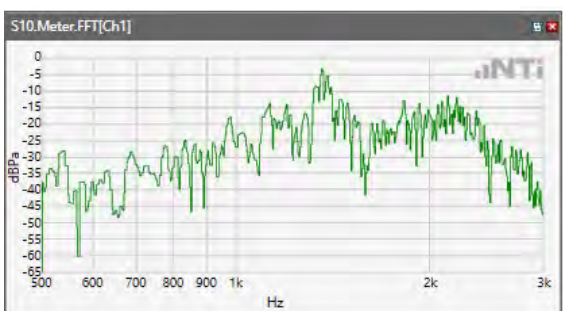
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



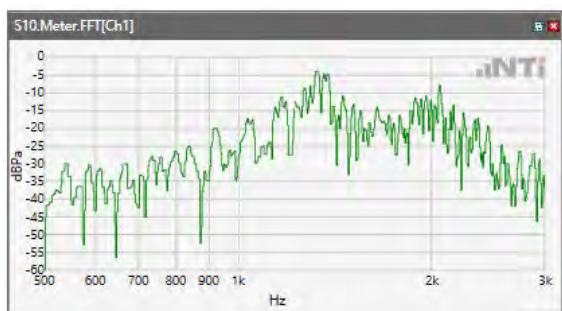
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



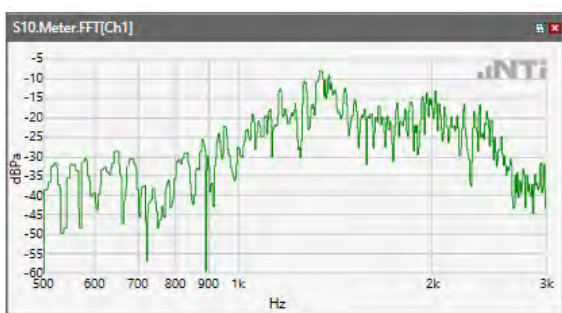
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



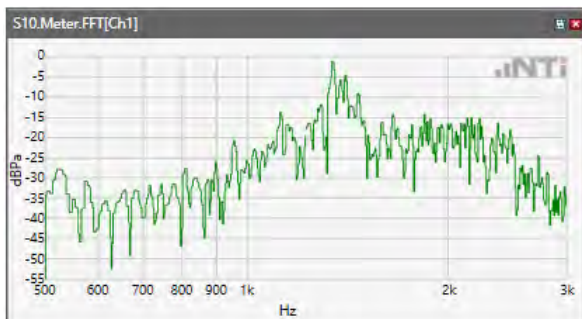
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



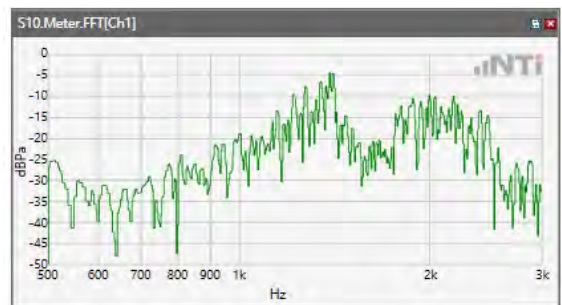
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



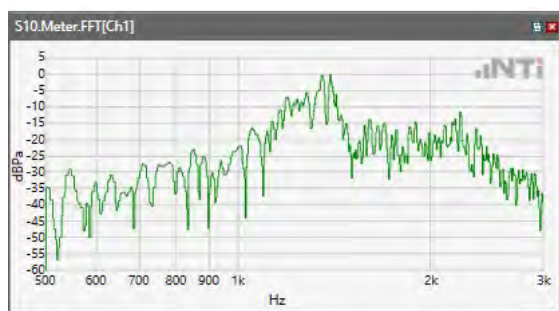
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



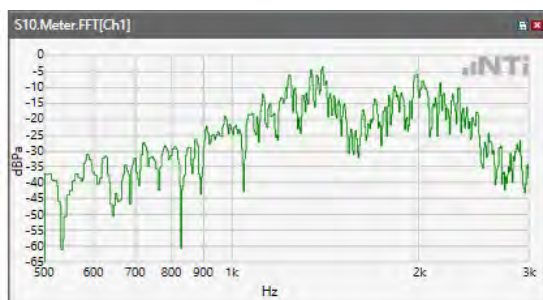
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



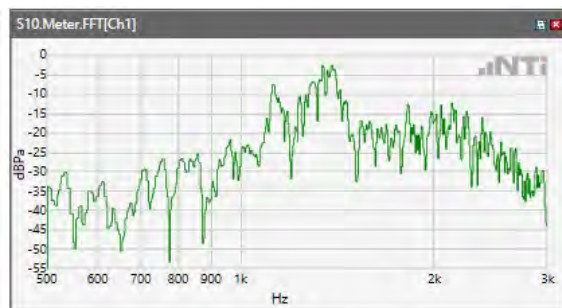
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



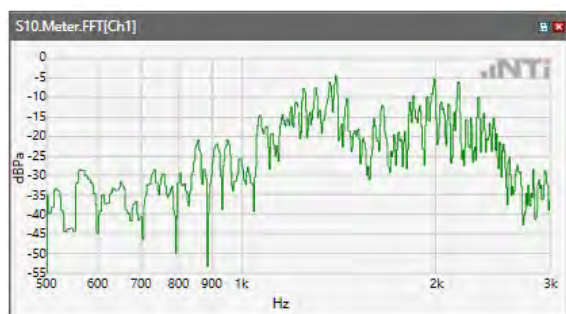
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

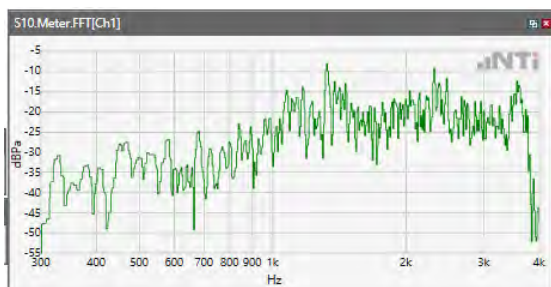


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

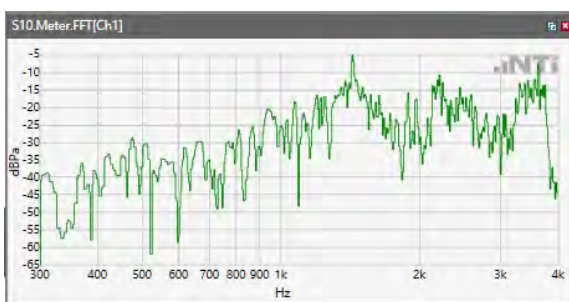


Receive path - distortion and noise 1600Hz WB&NB

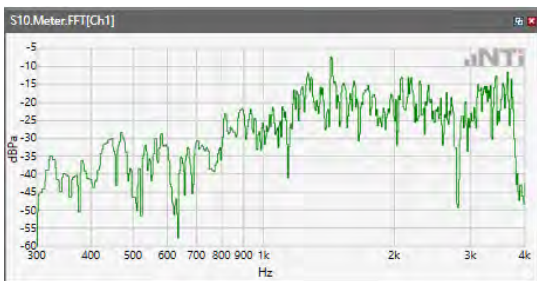
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



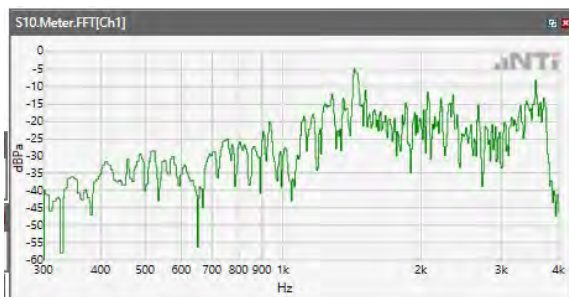
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



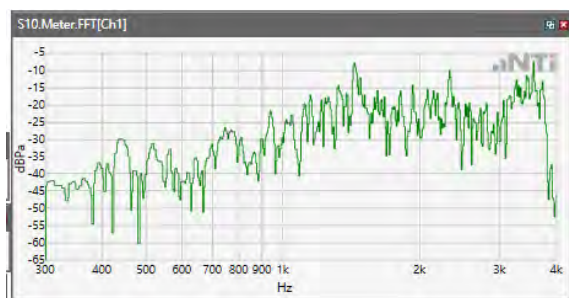
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



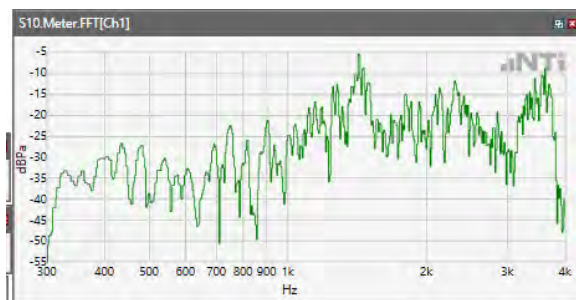
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



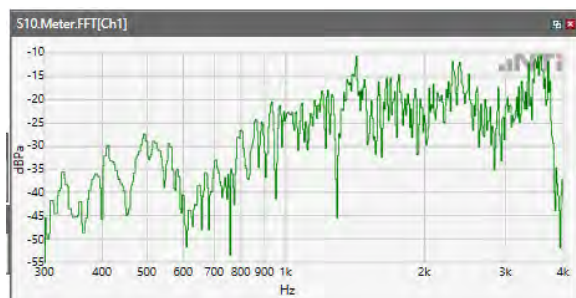
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



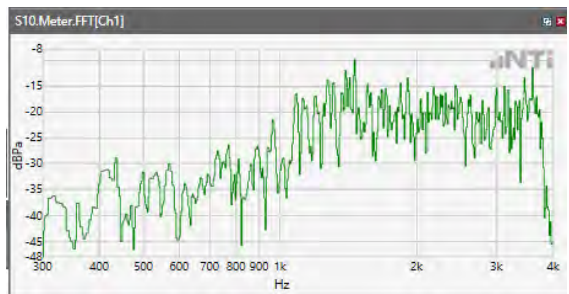
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



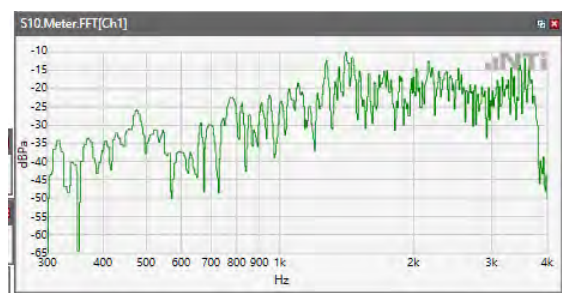
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



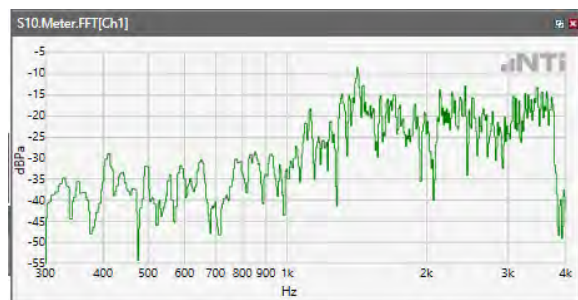
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



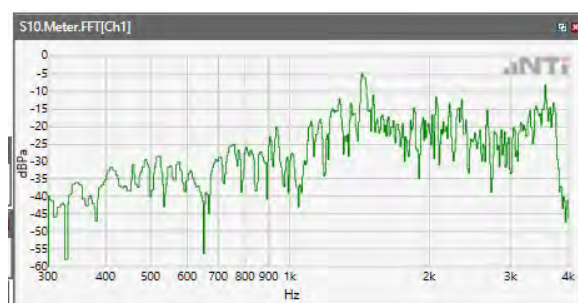
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

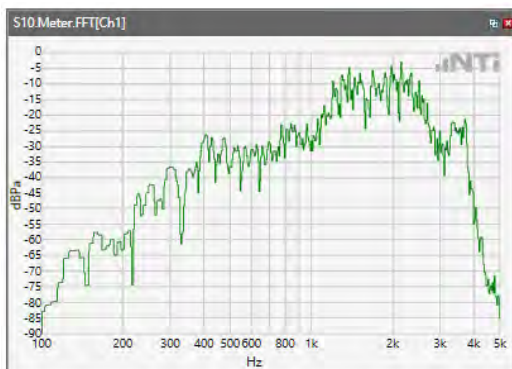


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

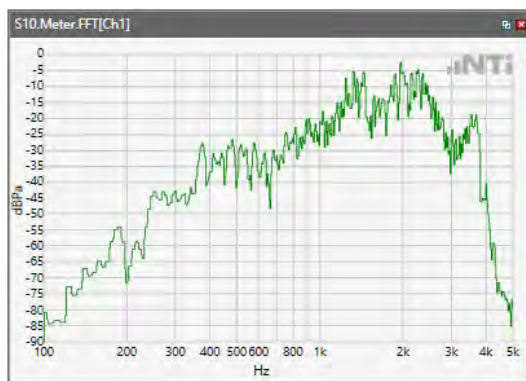


Receive path - distortion and noise 2000Hz WB&NB

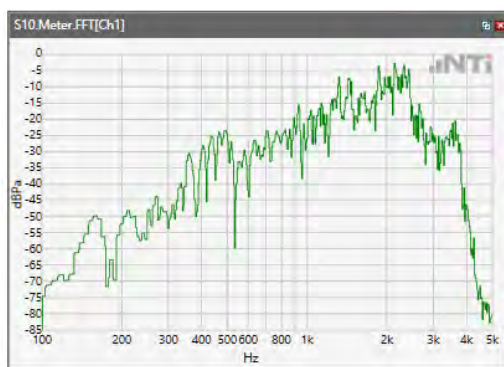
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



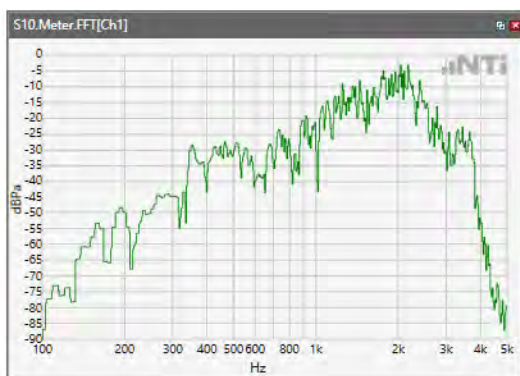
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



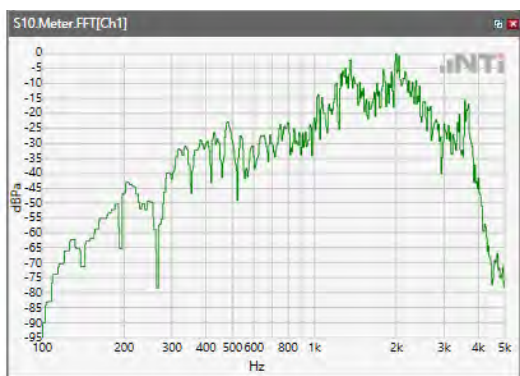
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



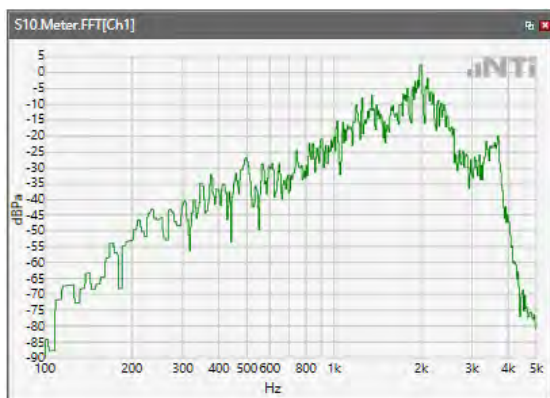
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



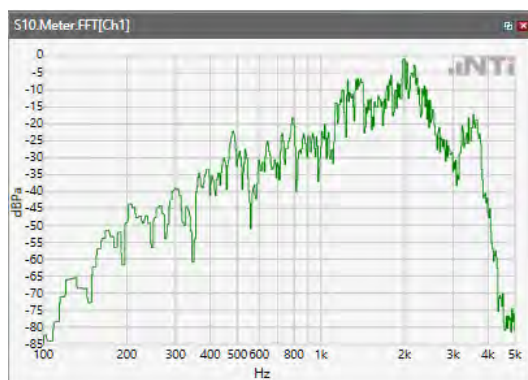
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



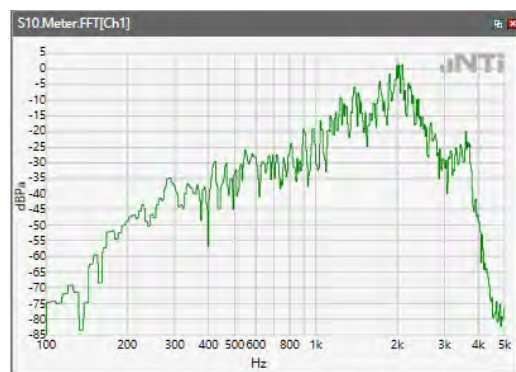
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



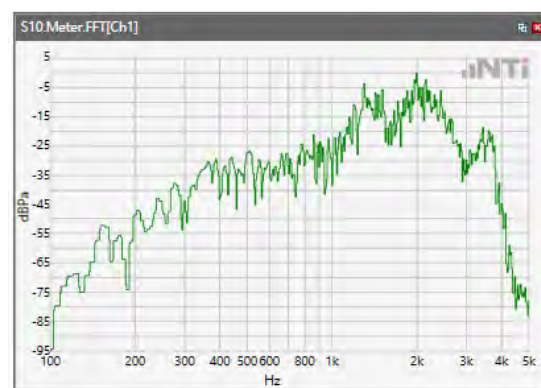
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



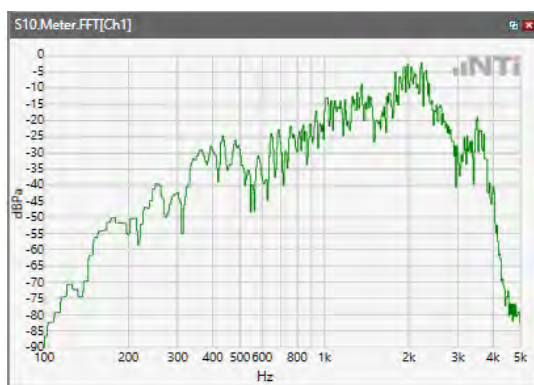
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



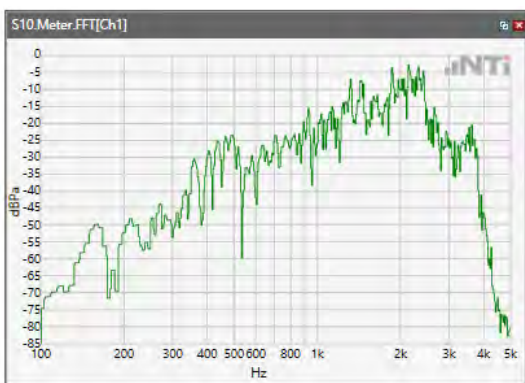
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

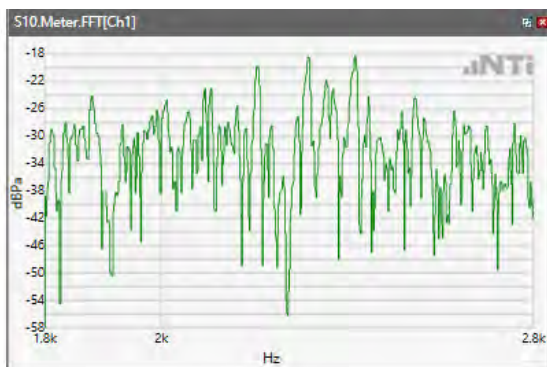


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

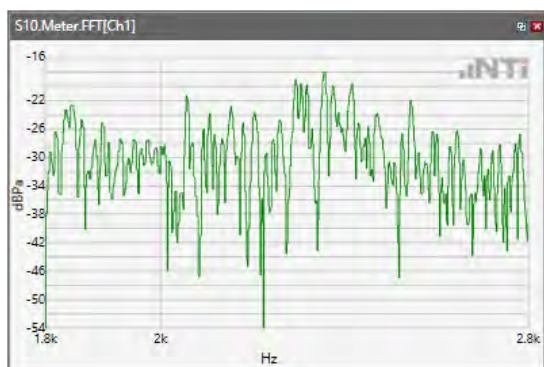


Receive path - distortion and noise 2500Hz WB&NB

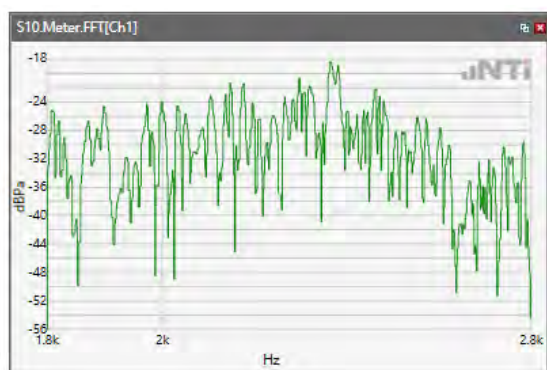
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



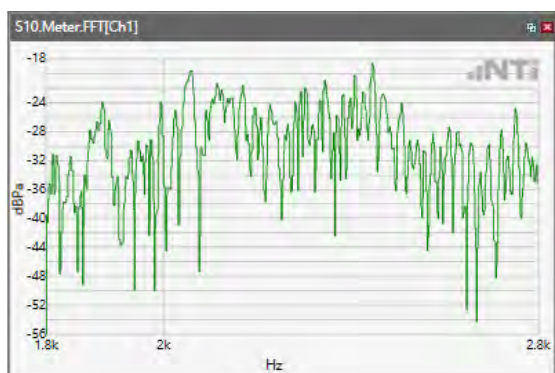
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



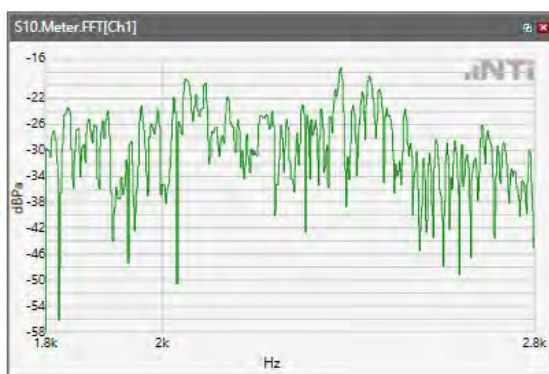
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



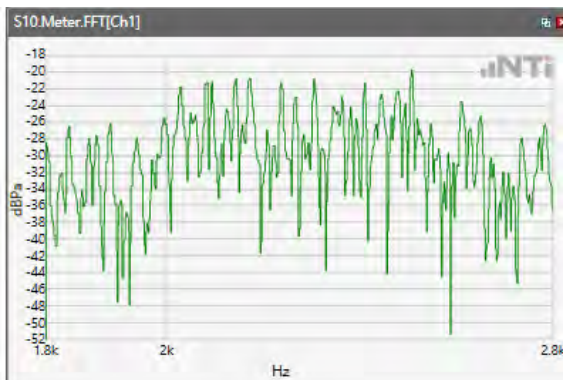
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



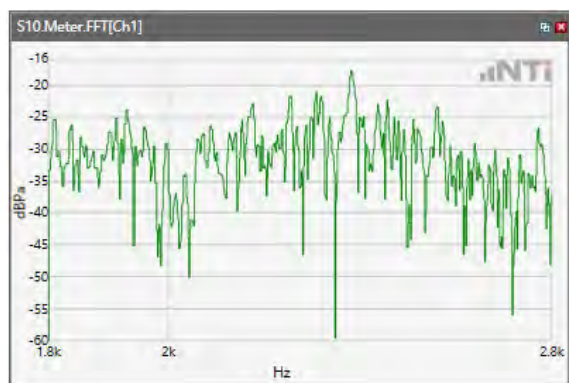
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



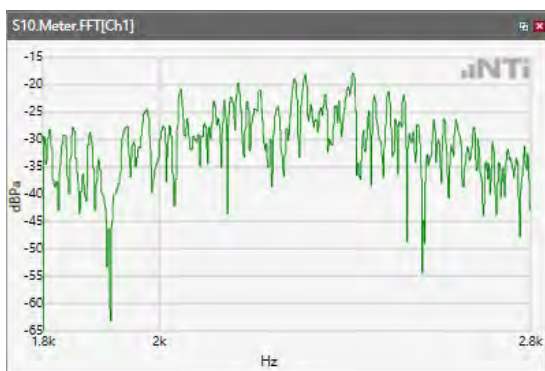
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



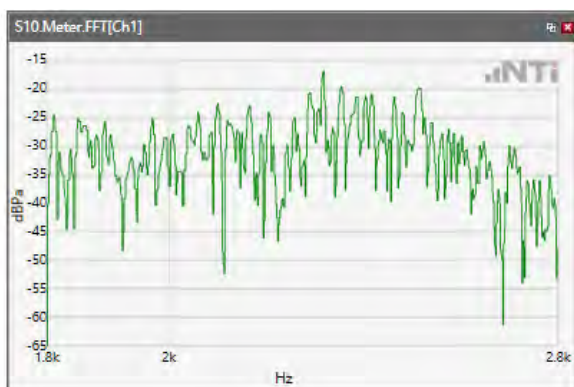
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



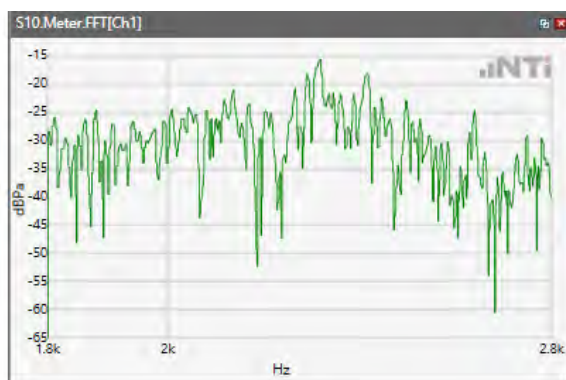
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



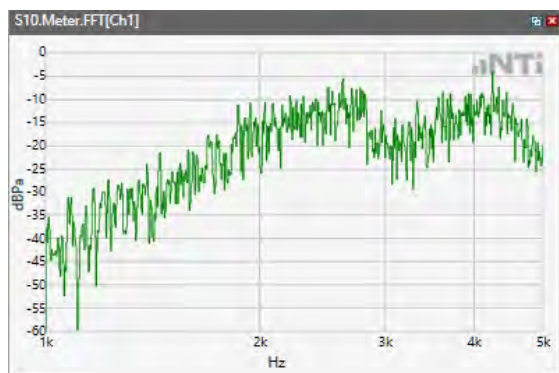
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71

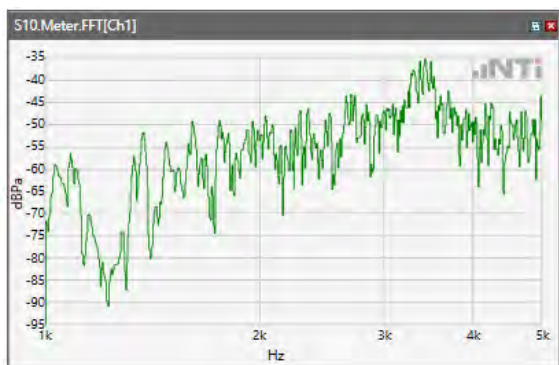


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

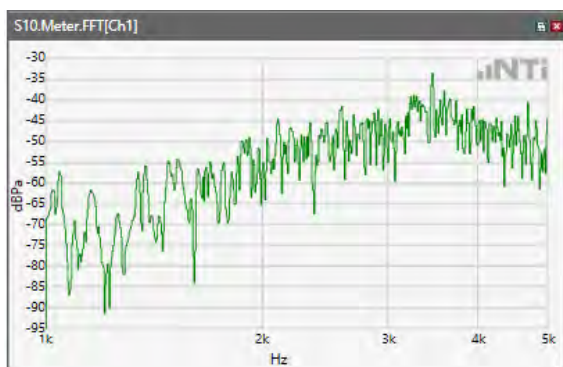


Receive path - distortion and noise 3150Hz WB&NB

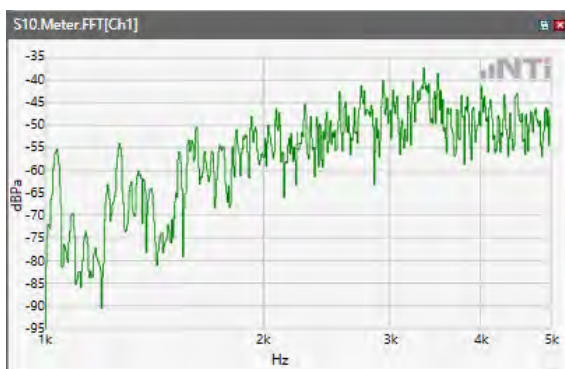
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



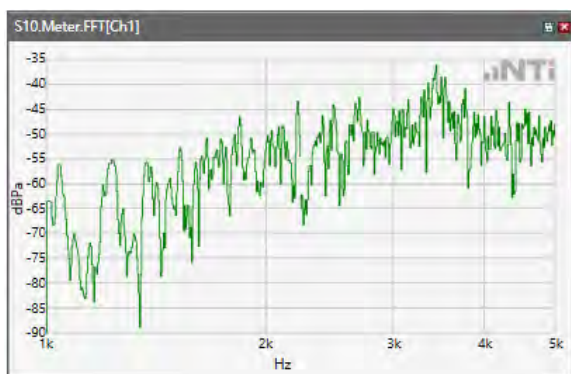
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



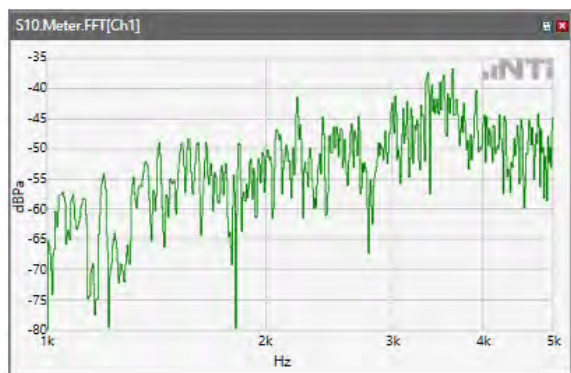
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



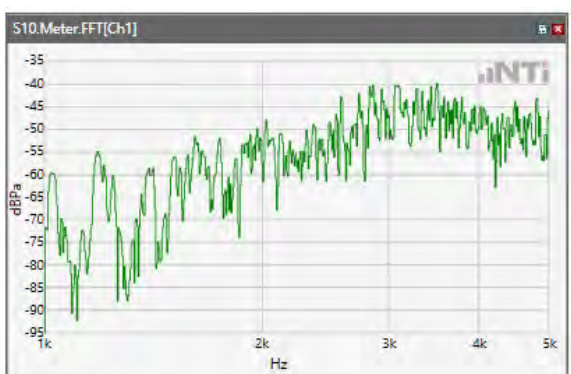
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



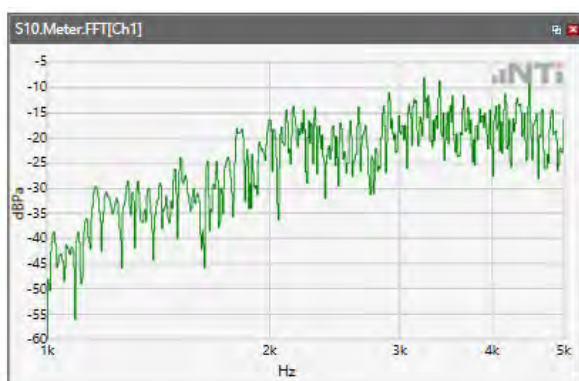
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



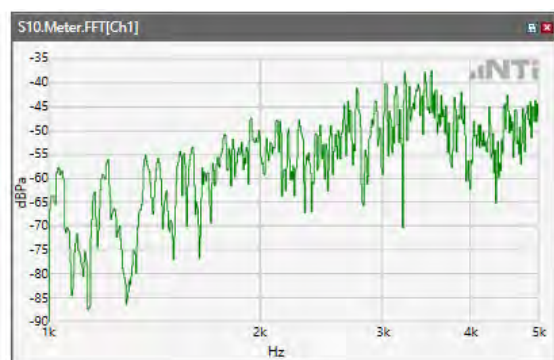
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



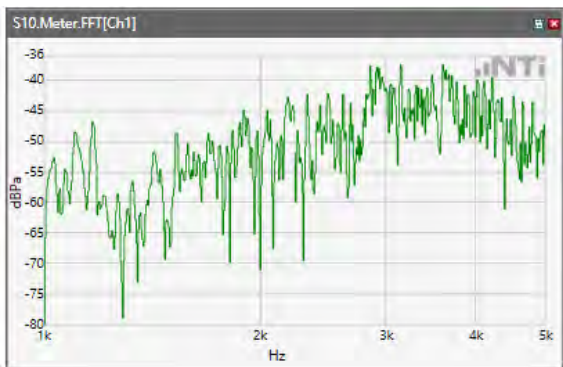
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



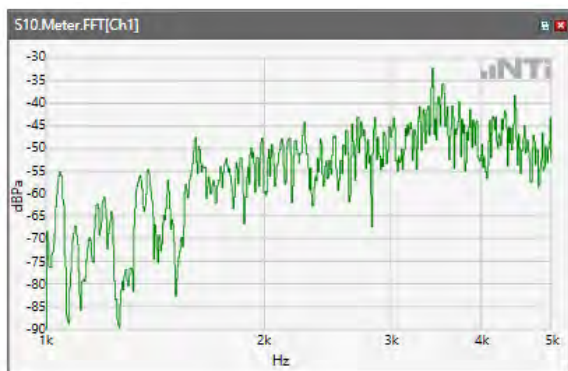
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



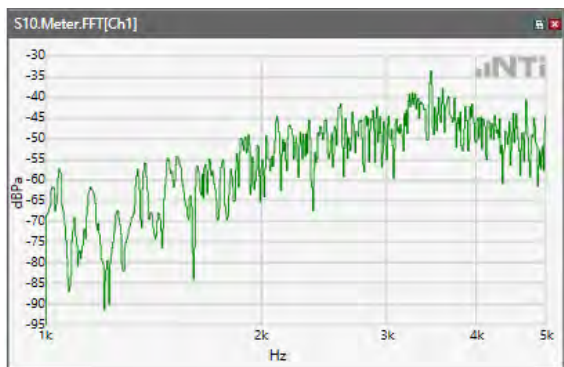
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE BAND 71



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

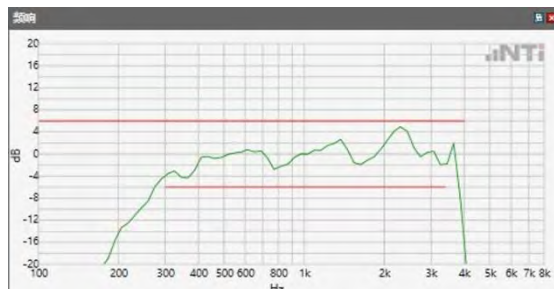


5.2 Receive path – distortion and noise

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

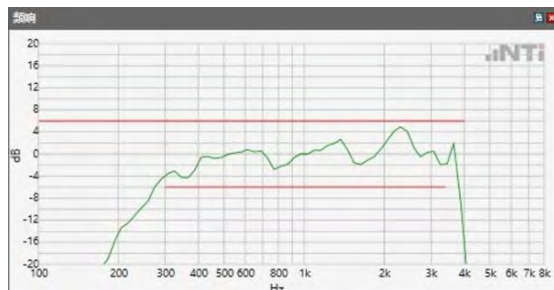
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

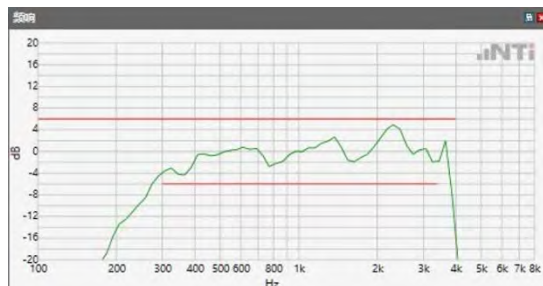
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

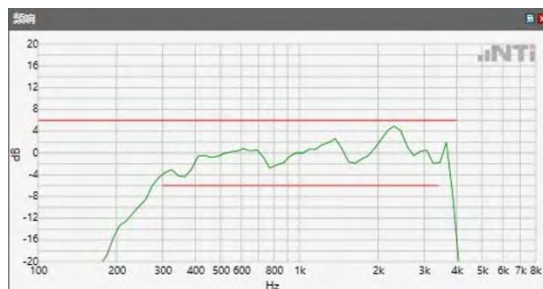
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

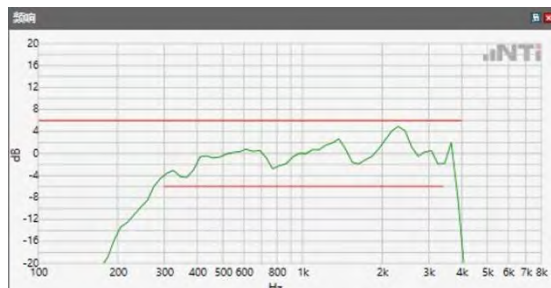
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

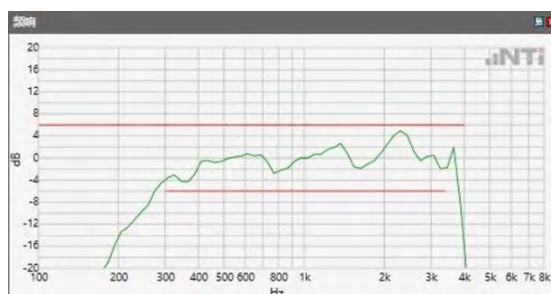
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

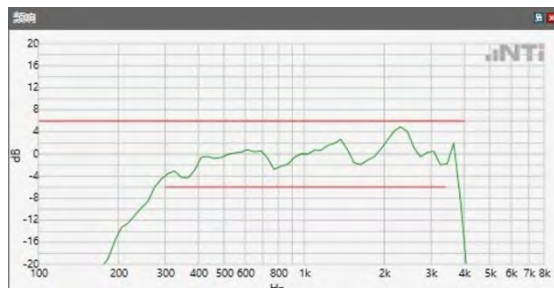
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

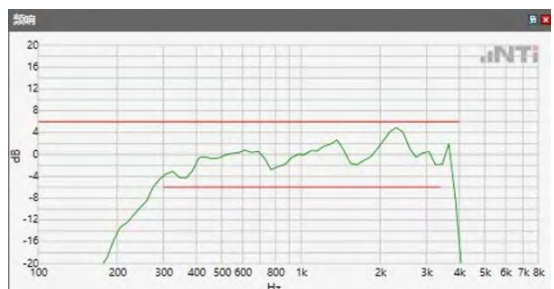
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

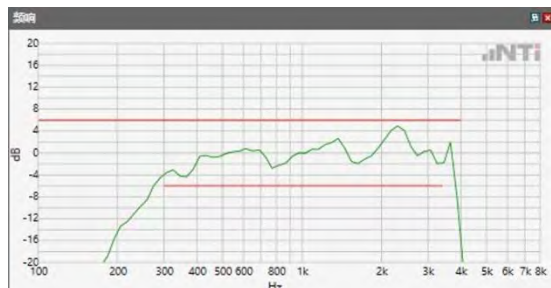
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

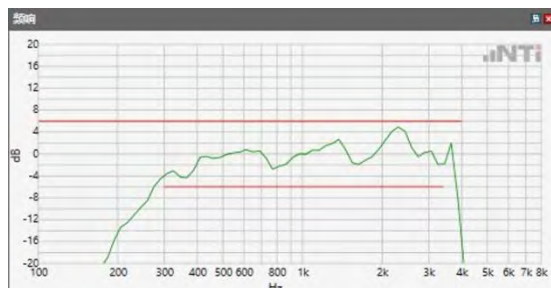
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE BAND 71



Absolute minimal distance

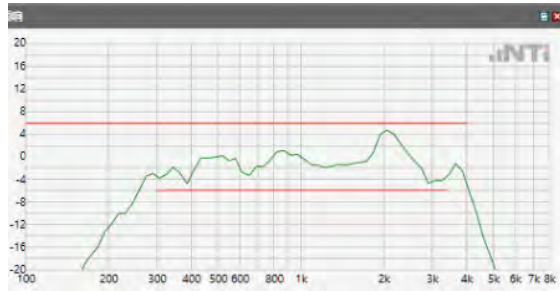
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



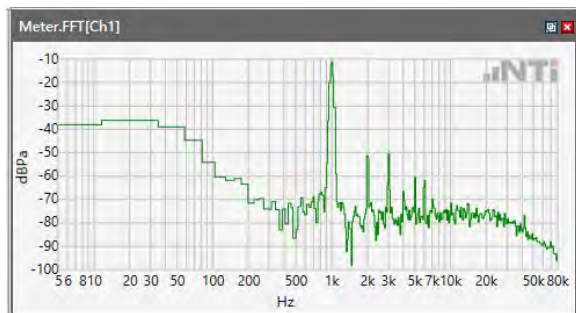
Absolute minimal distance

OK

OK

5.1 Receive Volume Control Performance 2N---WB

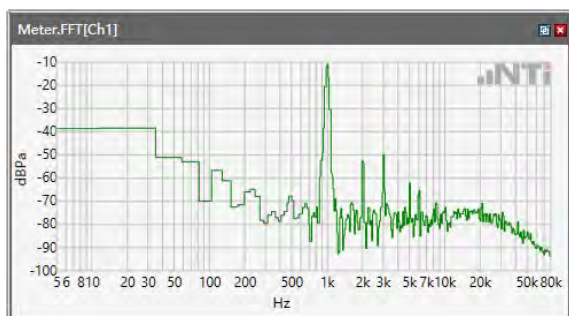
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ GSM 850



Speech Level RCV: 97.25 dB[SPL]

Calculated Value: 27.25 dB Ok

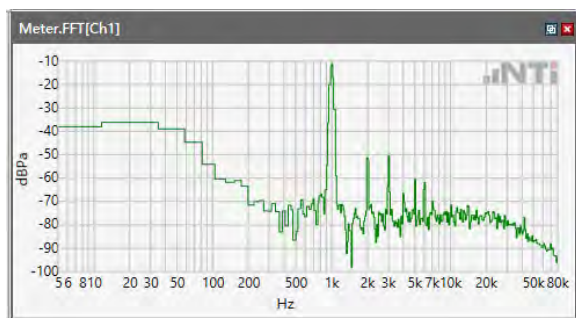
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ GSM 1900



Speech Level RCV: 97.02 dB[SPL]

Calculated Value: 27.02 dB Ok

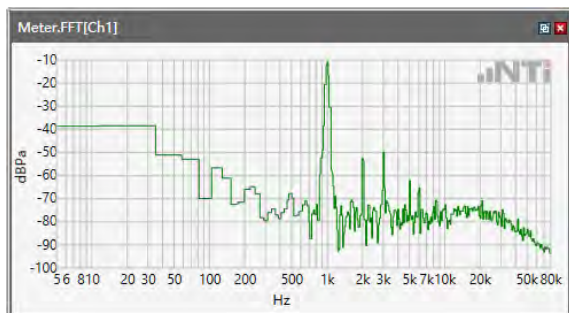
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ WCDMA II



Speech Level RCV: 96.28 dB[SPL]

Calculated Value: 26.28 dB Ok

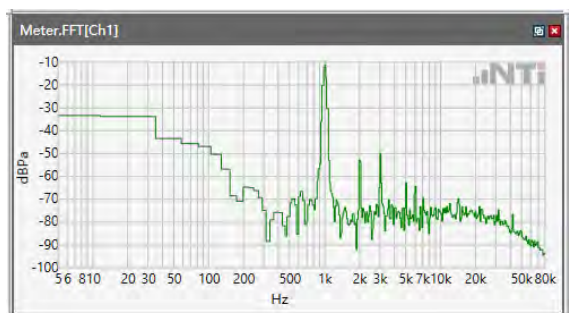
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ WCDMA IV



Speech Level RCV: 94.46 dB[SPL]

Calculated Value: 24.46 dB Ok

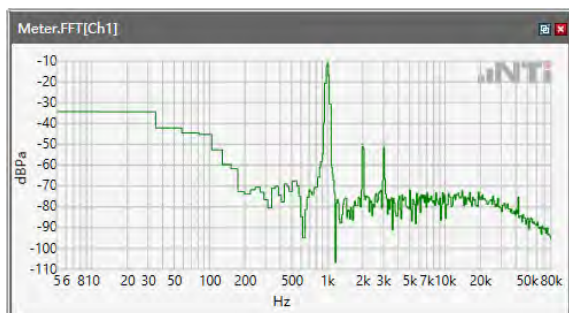
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\WCDMA V



Speech Level RCV: 96.52 dB[SPL]

Calculated Value: 26.52 dB Ok

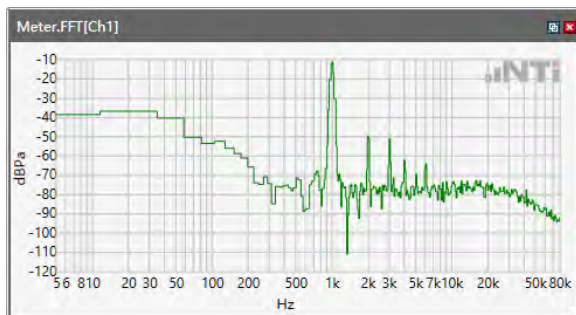
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ LTE Band 12



Speech Level RCV: 97.45 dB[SPL]

Calculated Value: 27.45 dB Ok

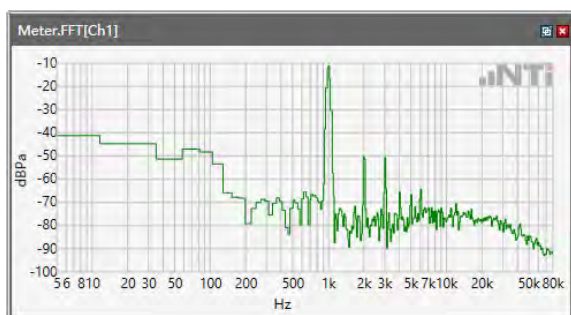
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ LTE Band 25



Speech Level RCV: 98.03 dB[SPL]

Calculated Value: 28.03 dB Ok

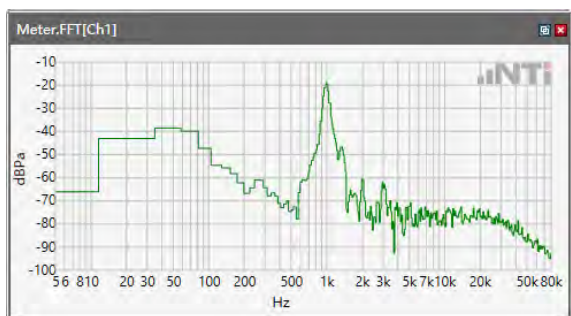
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\LTE Band 26



Speech Level RCV: 97.72 dB[SPL]

Calculated Value: 27.72 dB Ok

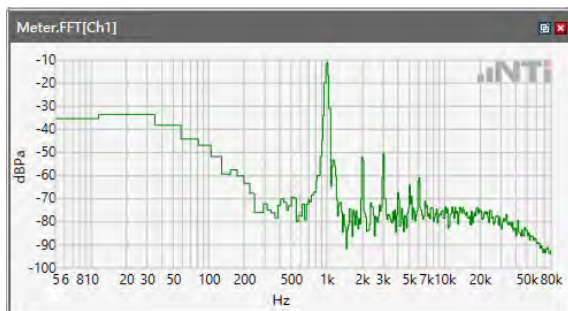
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ LTE Band 66



Speech Level RCV: 97.67 dB[SPL]

Calculated Value: 27.67 dB Ok

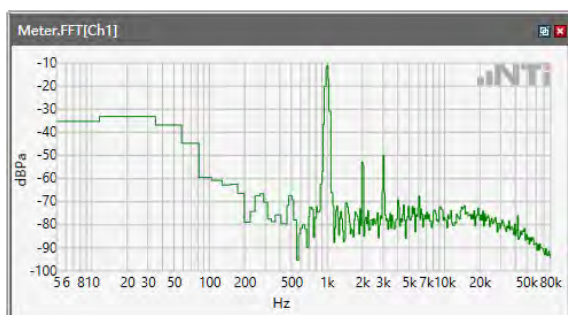
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ LTE BAND 71



Speech Level RCV: 98.01 dB[SPL]

Calculated Value: 28.01 dB Ok

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

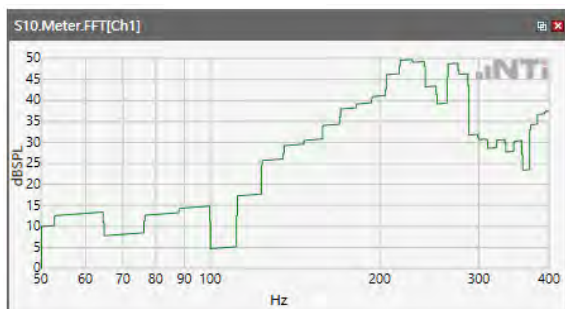


Speech Level RCV: 100.41 dB[SPL]

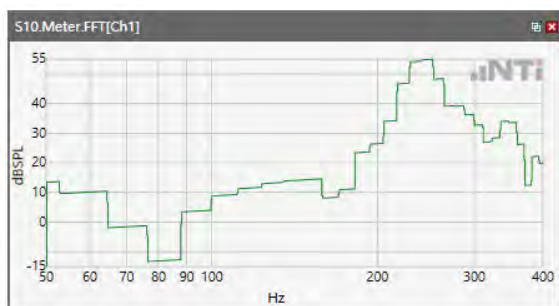
Calculated Value: 30.41 dB Ok

Receive path - distortion and noise 250 WB only

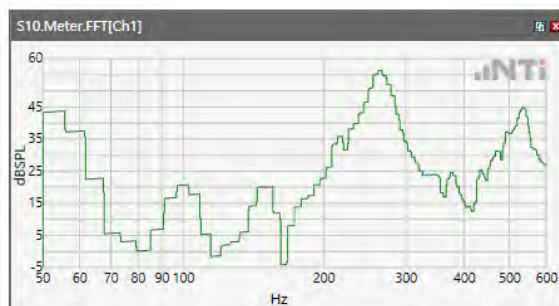
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



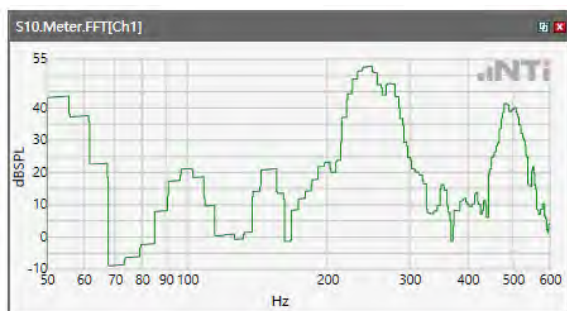
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



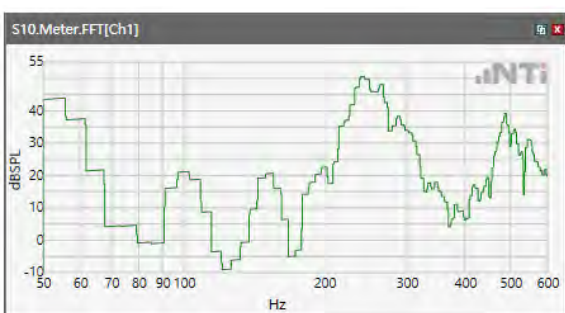
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



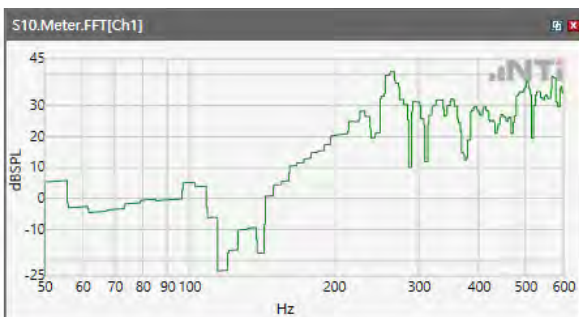
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



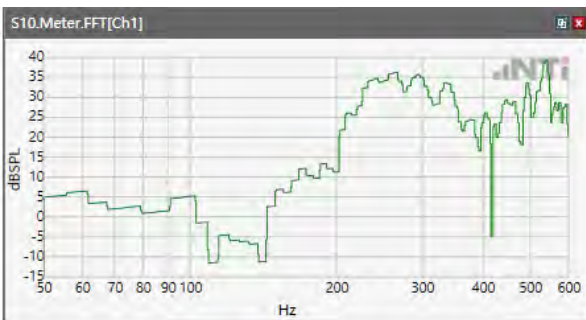
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



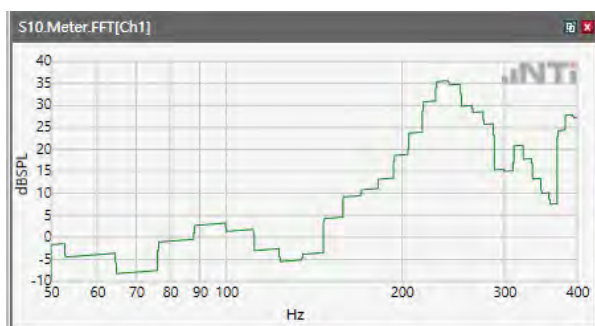
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



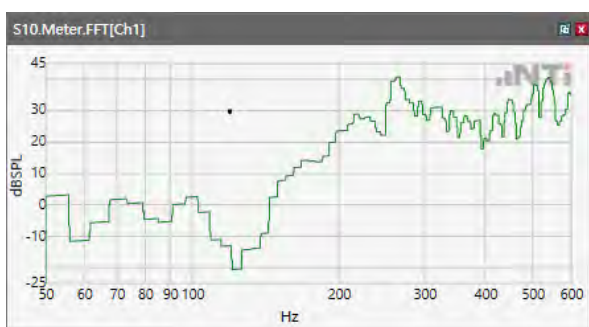
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



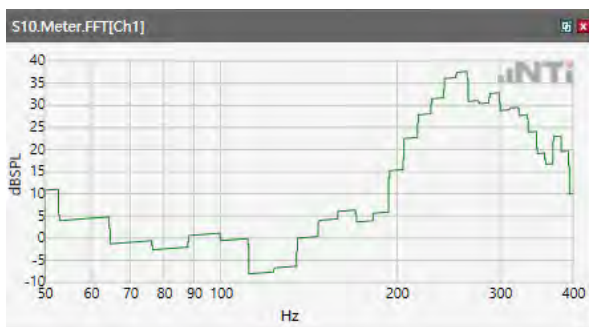
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



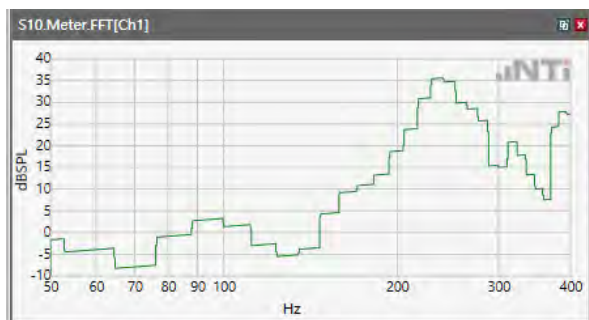
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

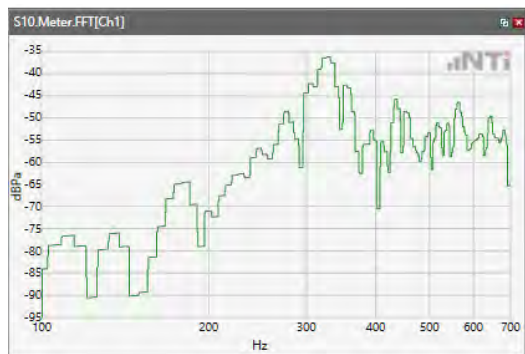


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

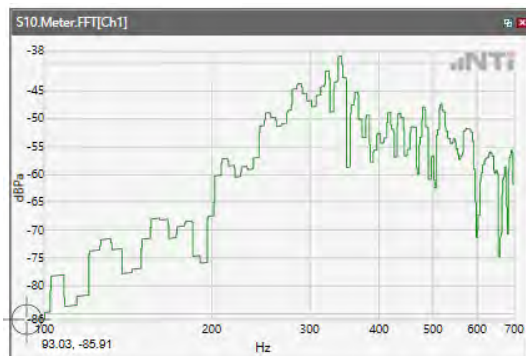


Receive path - distortion and noise 315Hz WB only

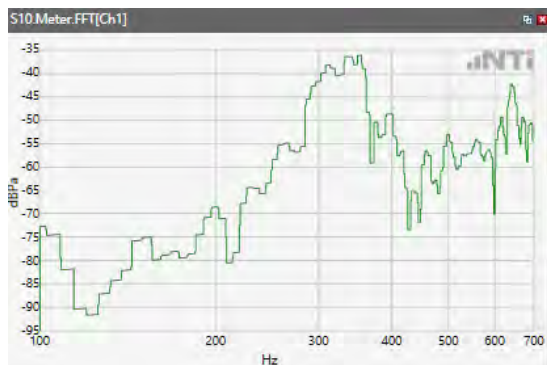
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



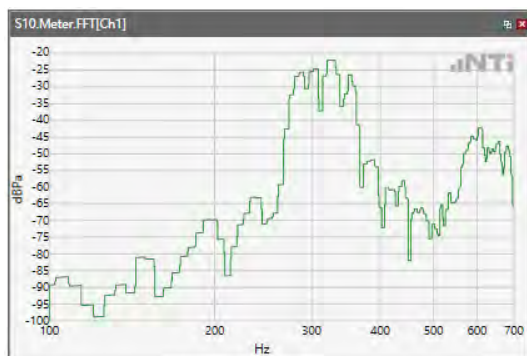
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



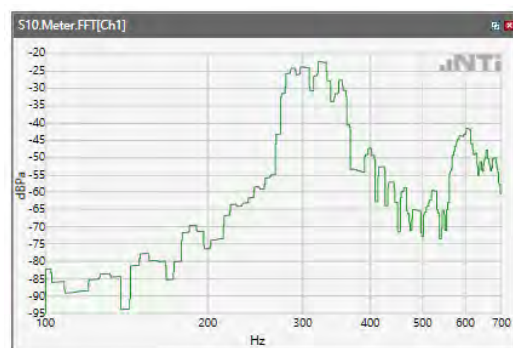
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



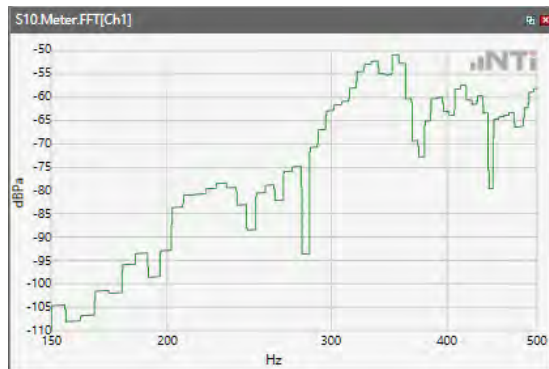
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
WCDMA IV



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



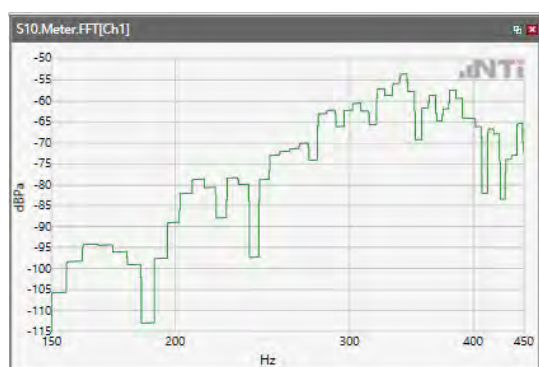
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
LTE
Band 12



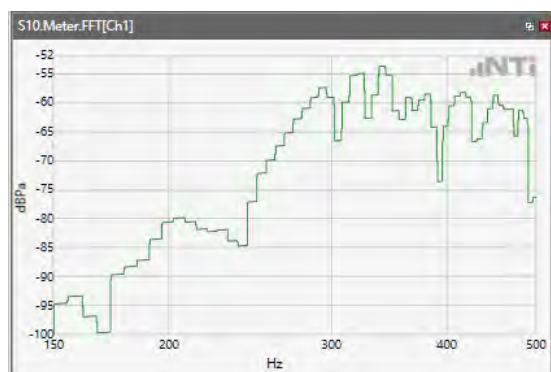
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



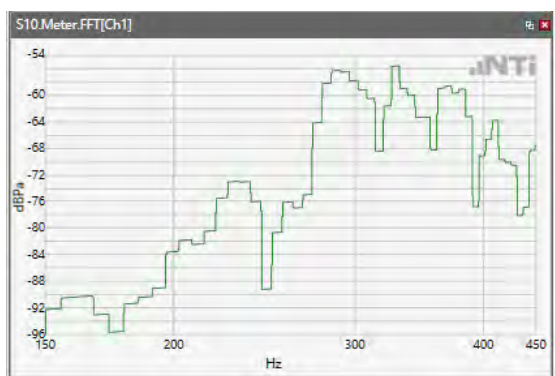
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



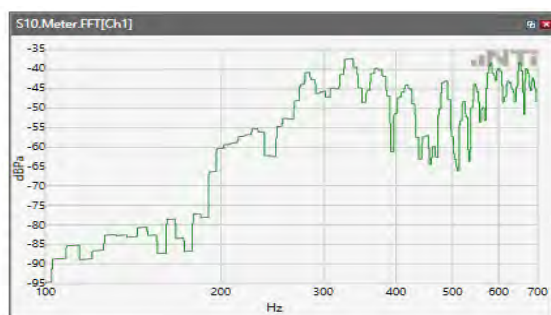
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

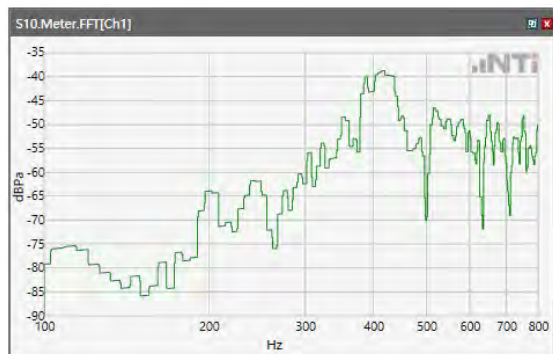


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

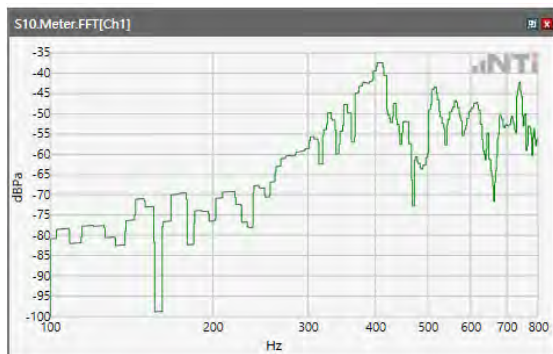


Receive path - distortion and noise 400Hz WB&NB

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



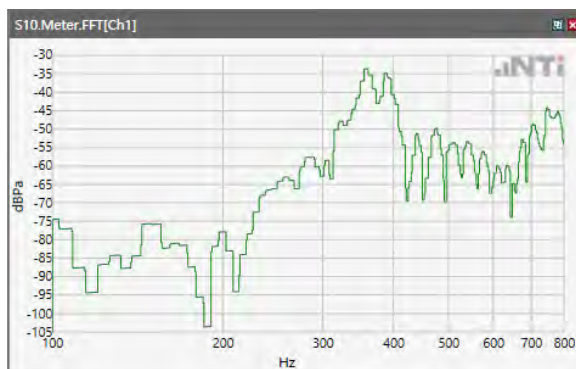
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



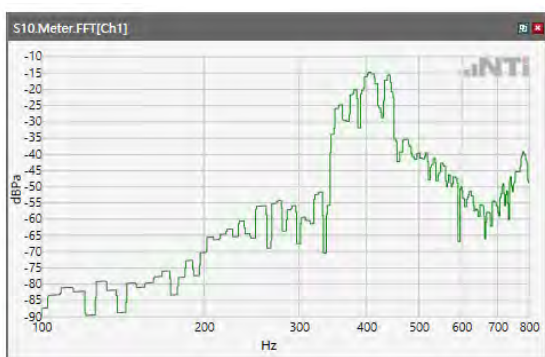
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



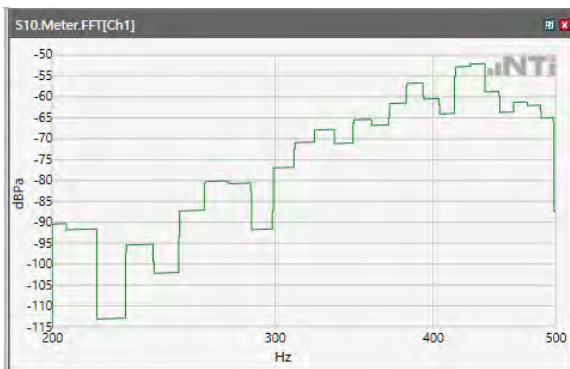
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
WCDMA IV



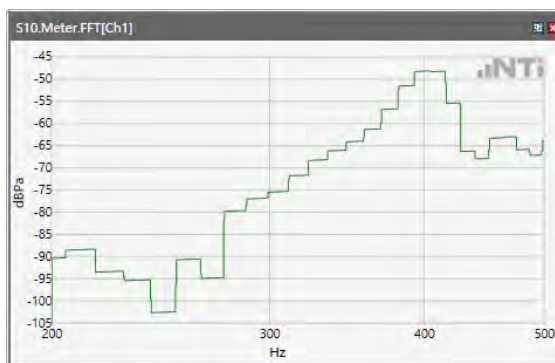
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
WCDMA V



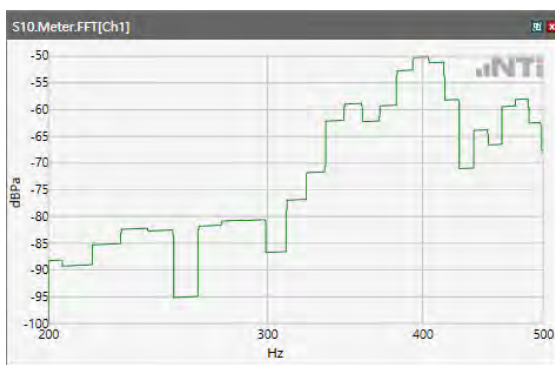
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
LTE
Band 12



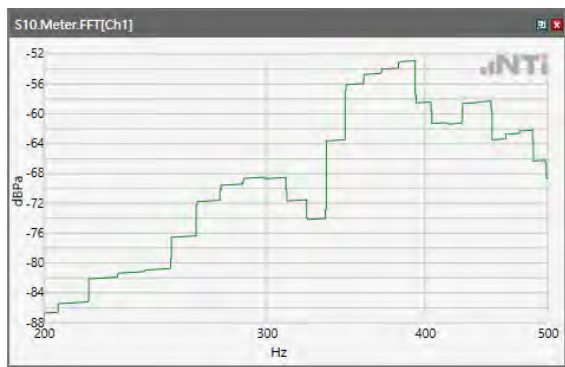
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



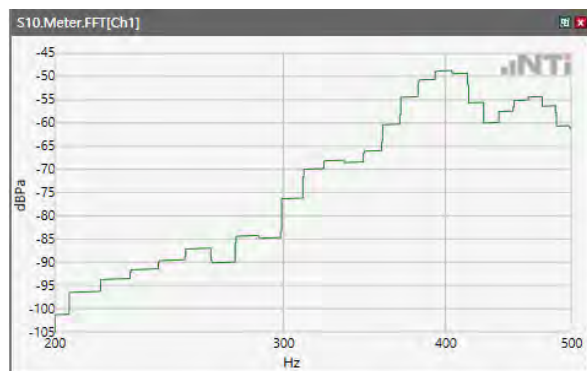
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



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



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

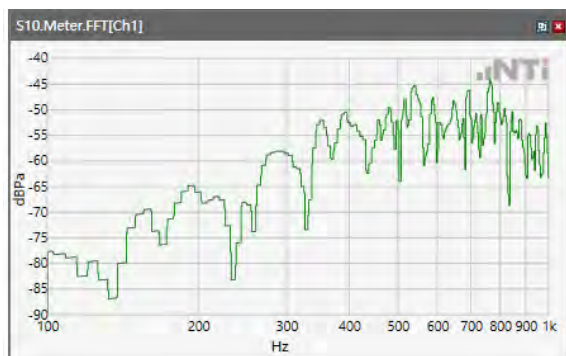


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

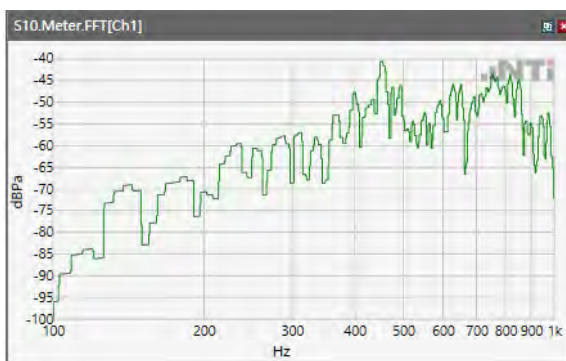


Receive path - distortion and noise 500Hz WB&NB

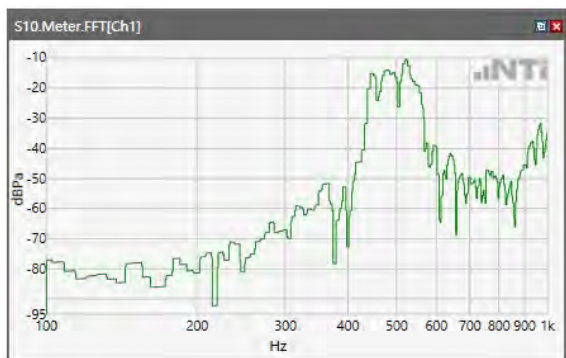
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



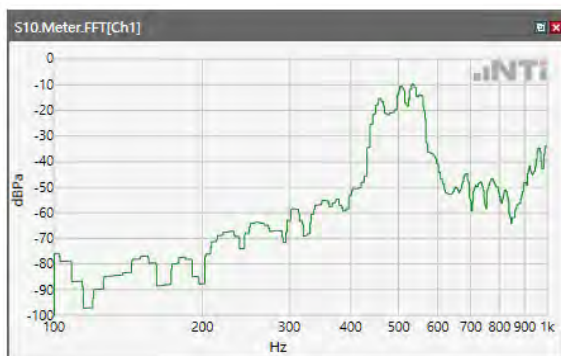
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



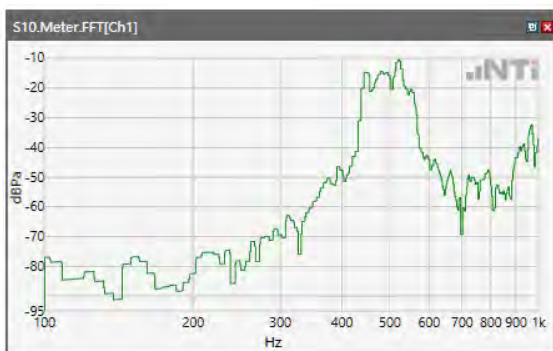
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



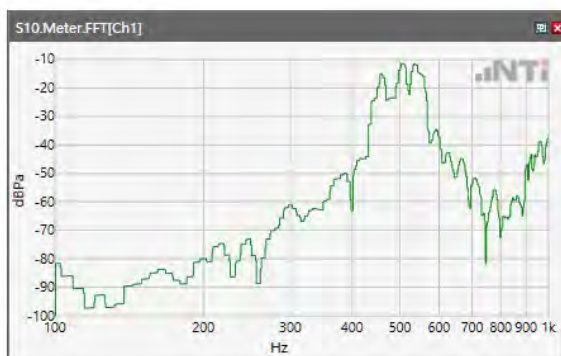
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



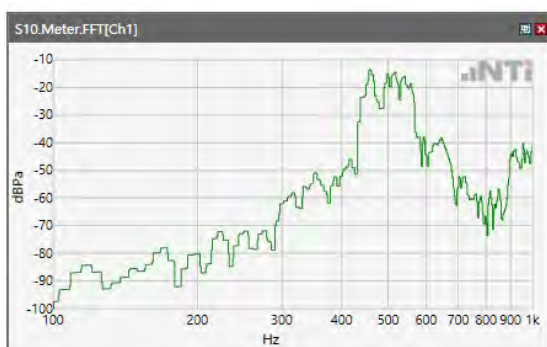
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



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



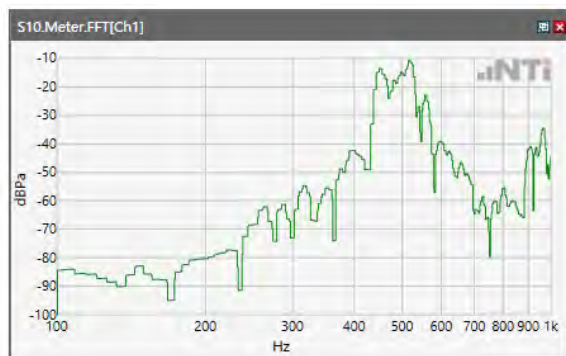
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



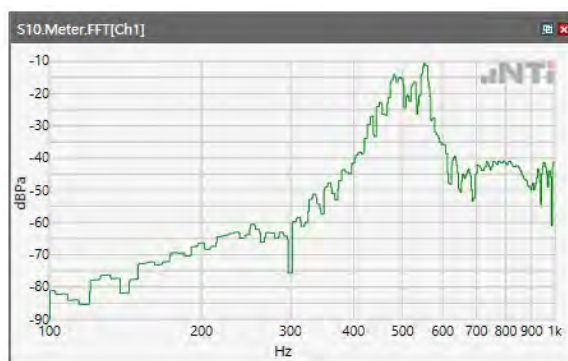
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



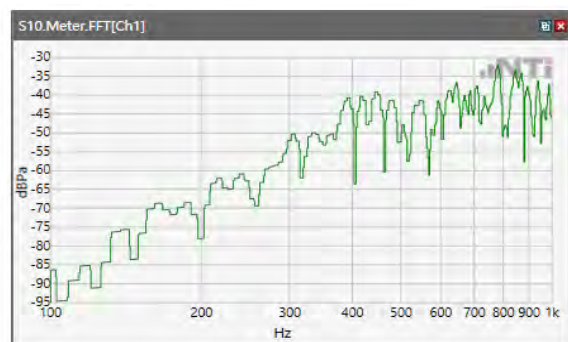
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

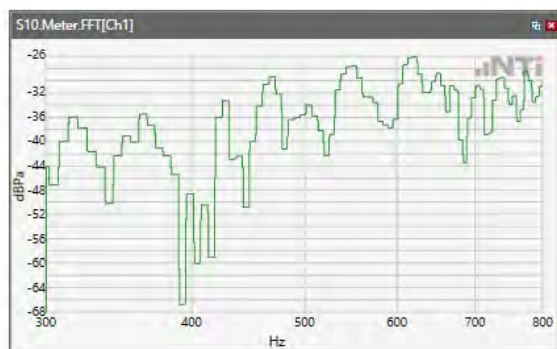


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

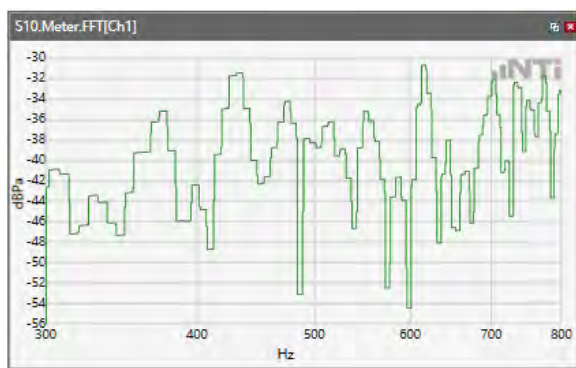


Receive path - distortion and noise 630Hz WB&NB

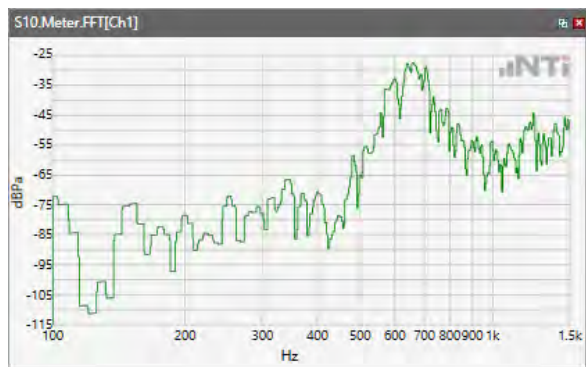
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



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



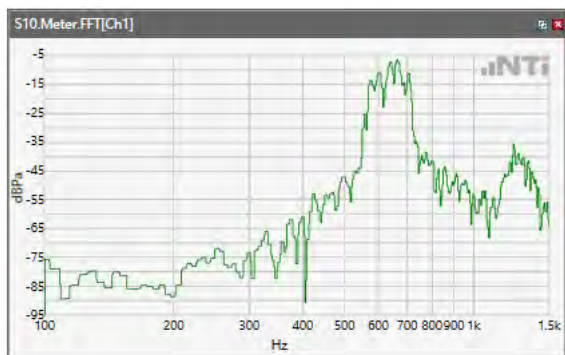
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



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



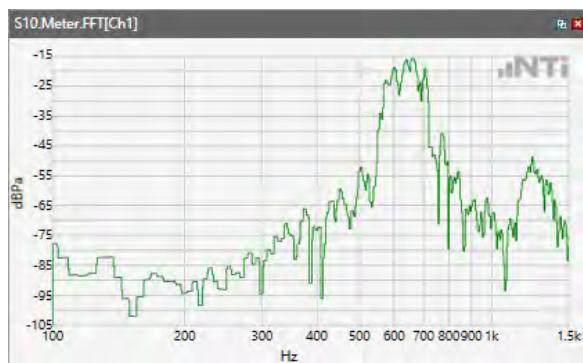
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\
WCDMA V



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



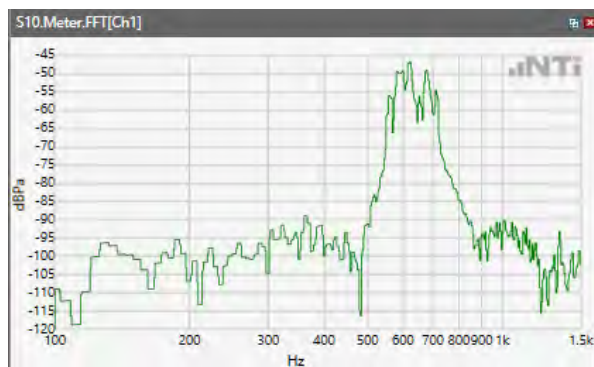
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



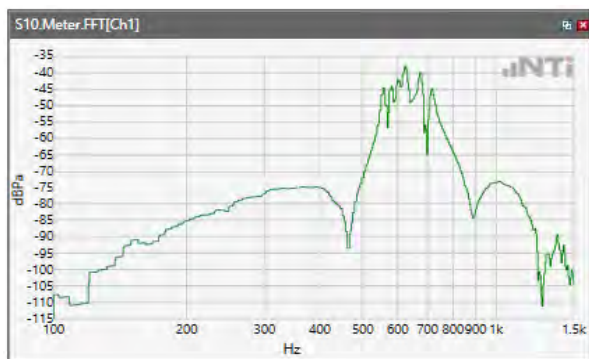
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



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



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

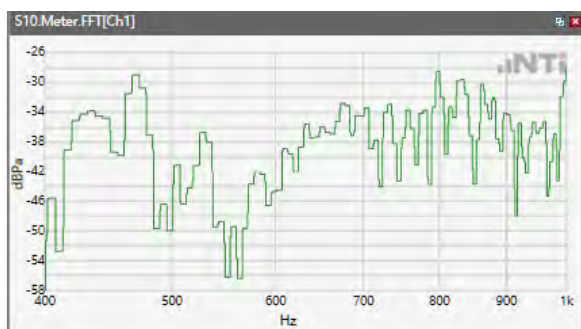


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

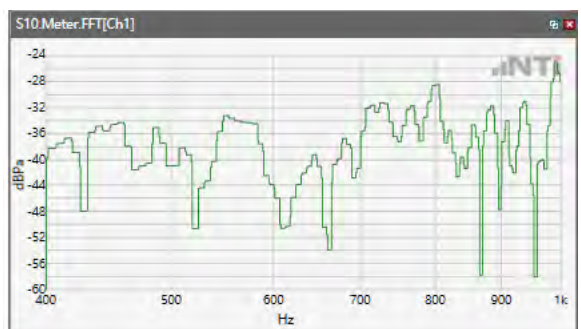


Receive path - distortion and noise 800Hz WB&NB

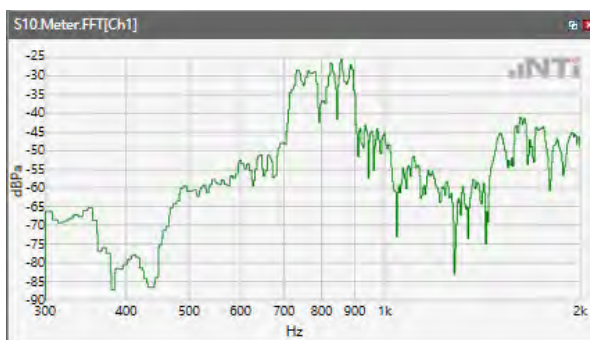
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



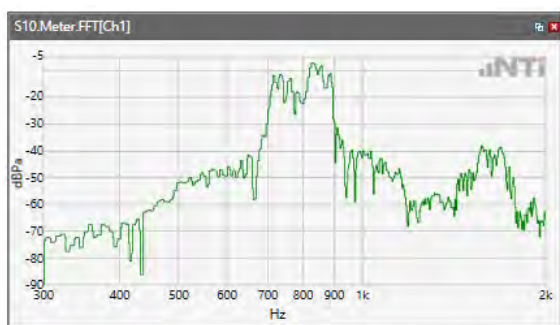
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



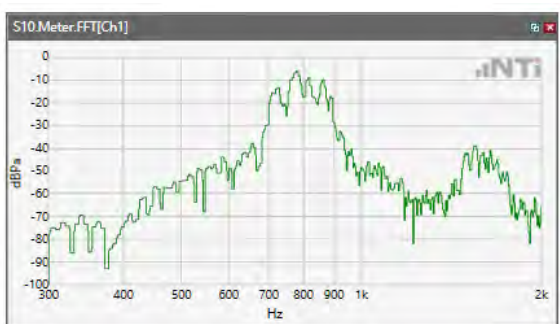
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



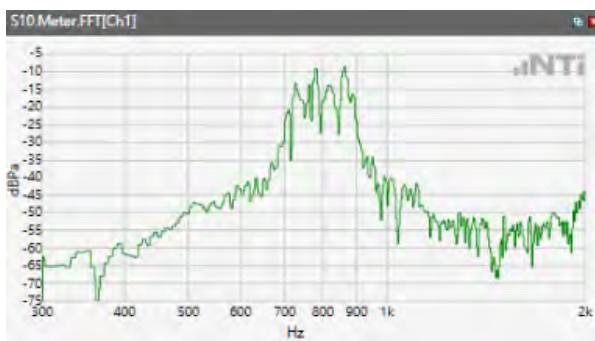
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



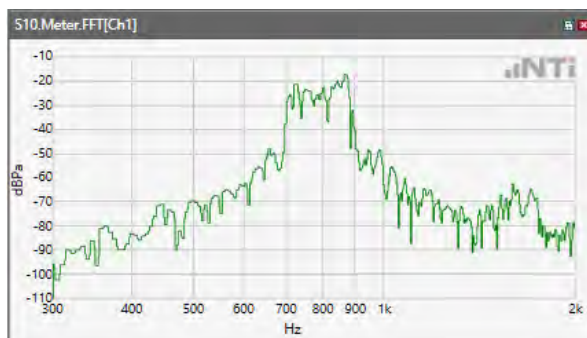
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



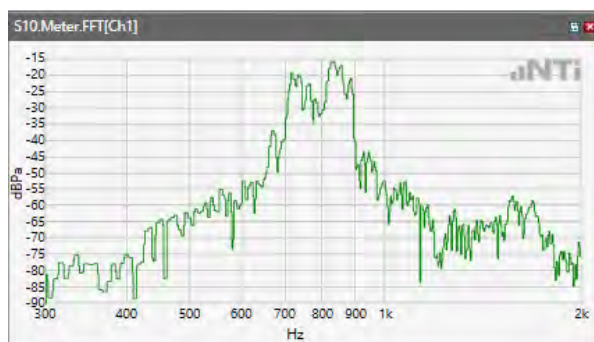
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



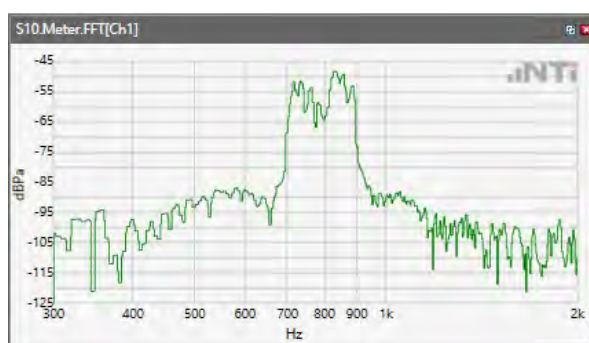
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



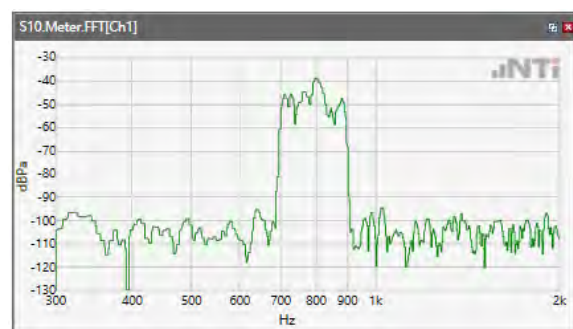
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



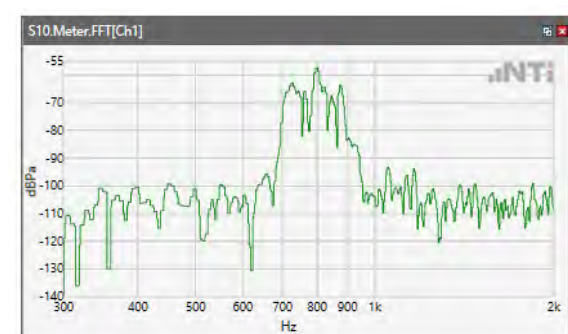
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

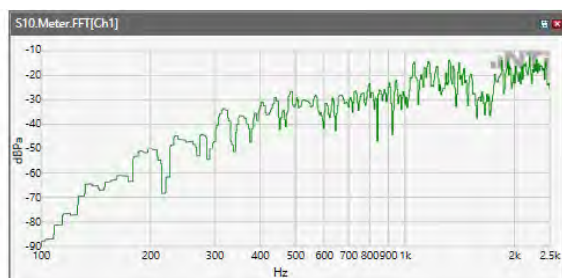


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

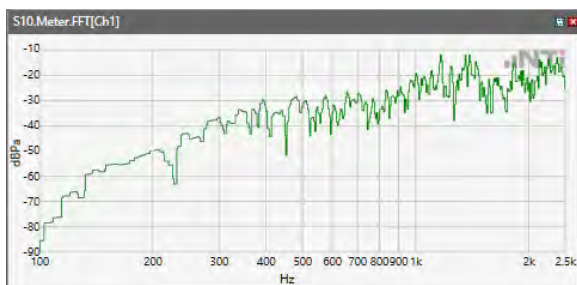


Receive path - distortion and noise 1000Hz WB&NB

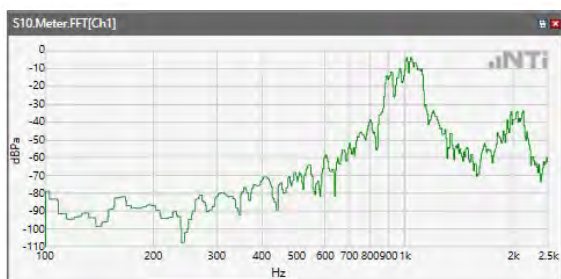
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



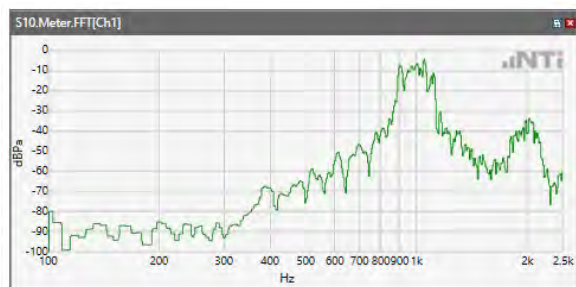
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



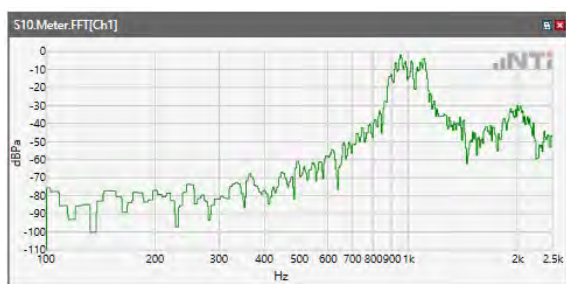
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



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



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



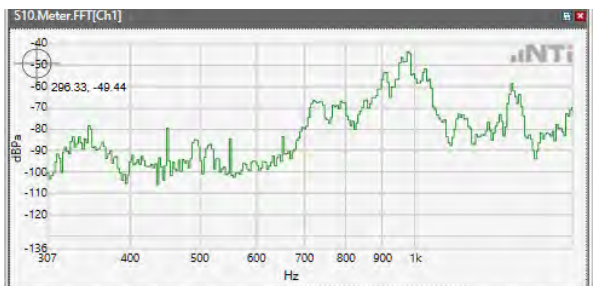
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



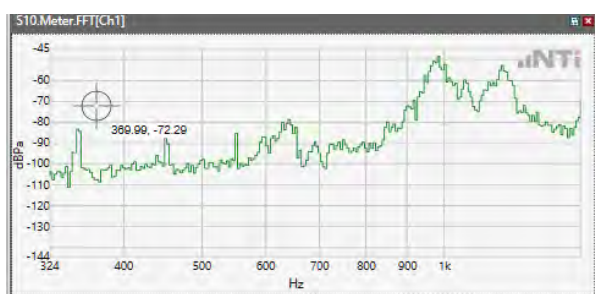
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



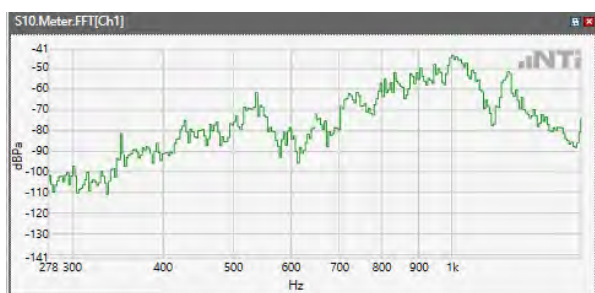
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



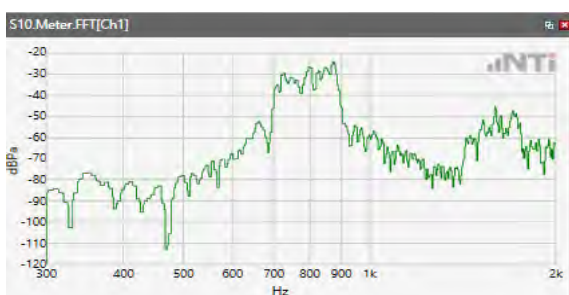
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

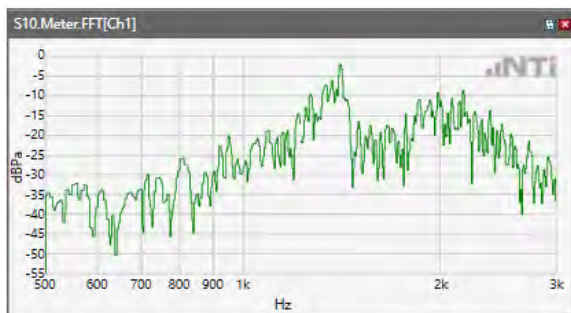


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

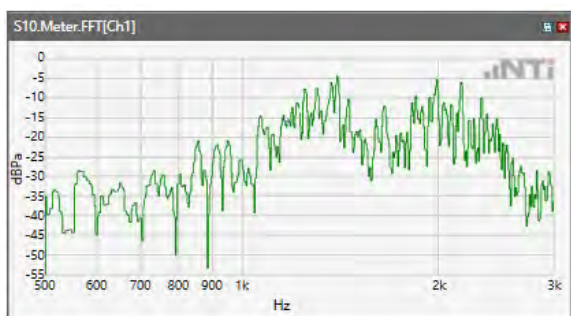


Receive path - distortion and noise 1250Hz WB&NB

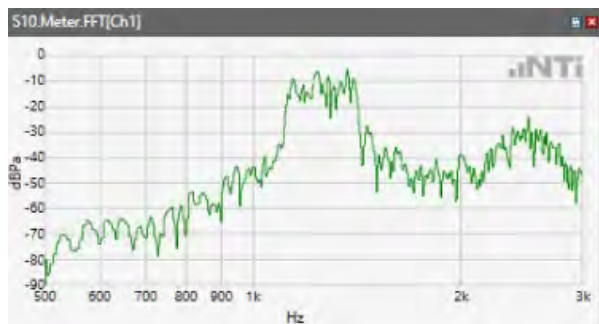
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



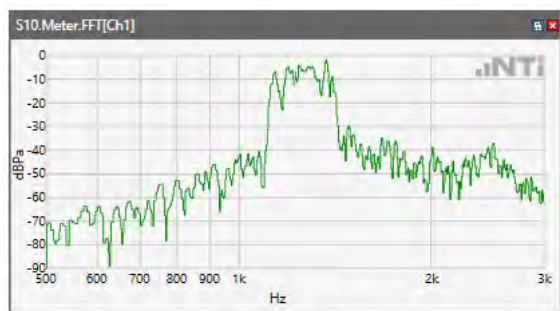
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



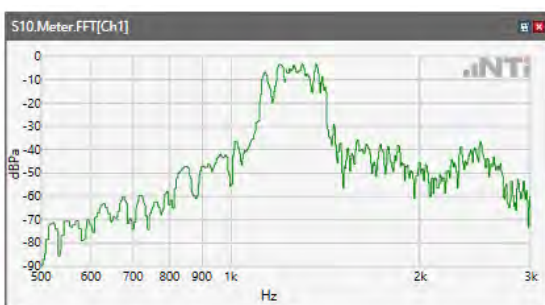
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



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



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



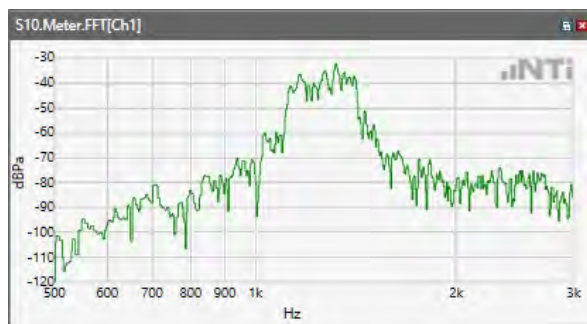
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



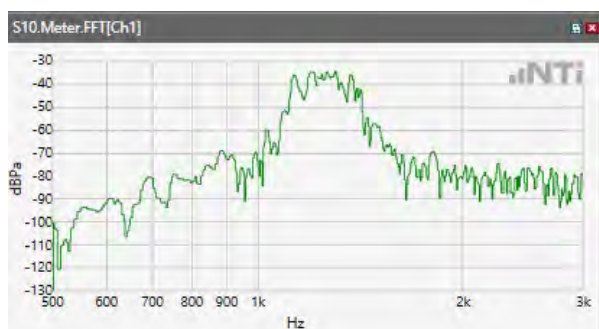
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



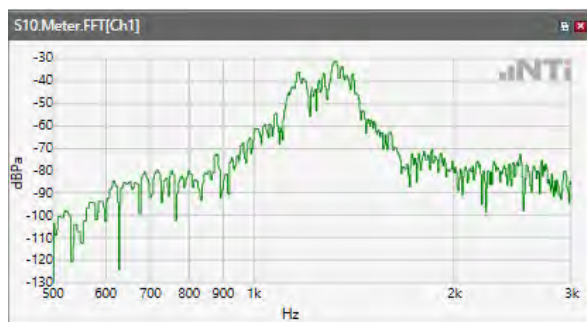
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



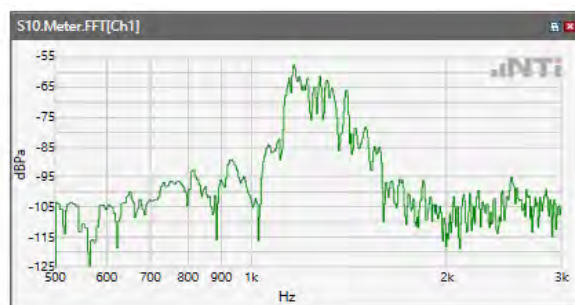
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

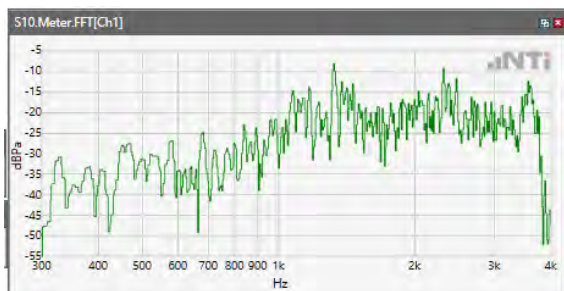


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

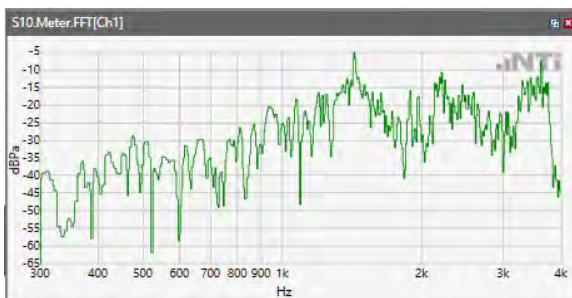


Receive path - distortion and noise 1600Hz WB&NB

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



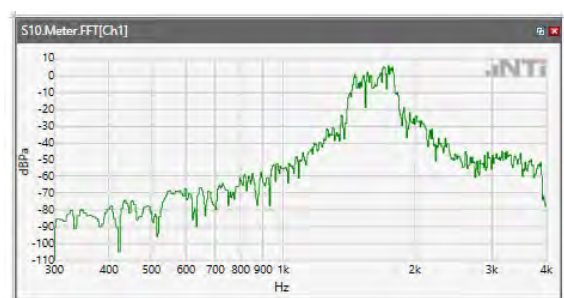
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



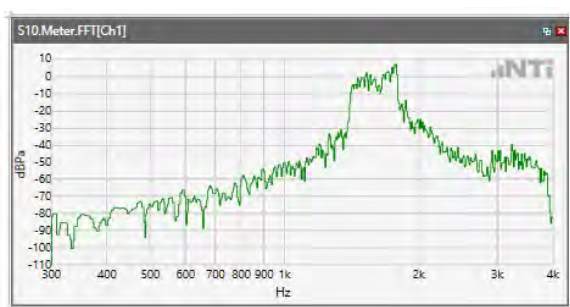
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



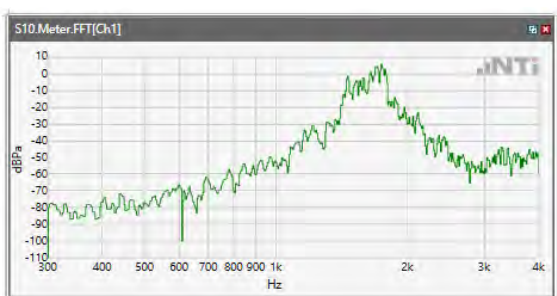
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



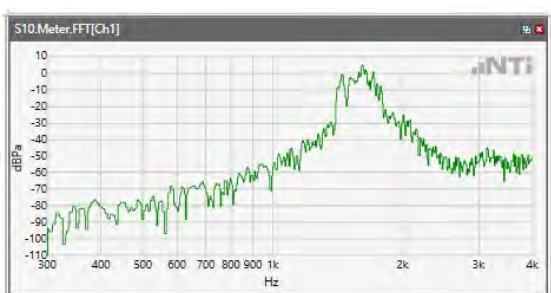
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



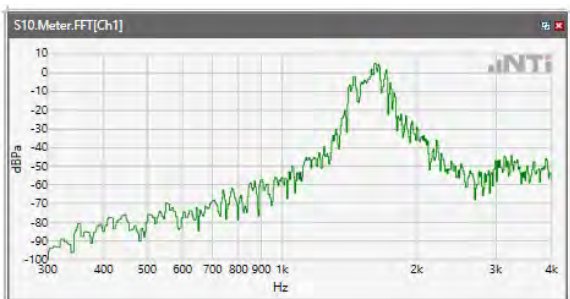
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



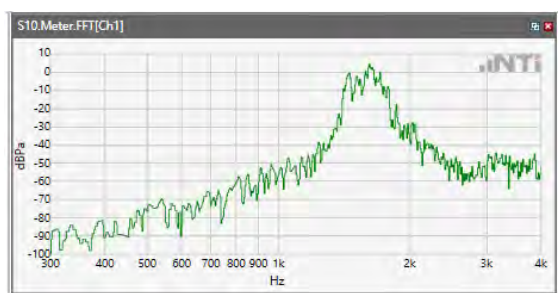
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



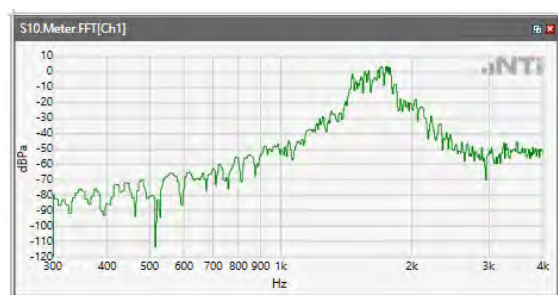
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



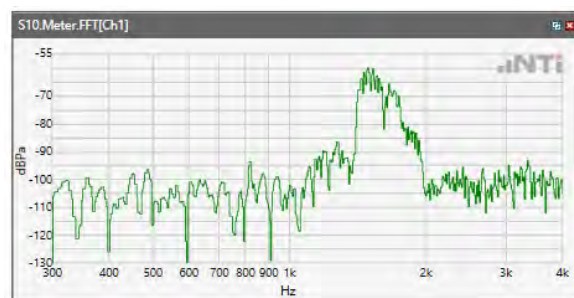
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

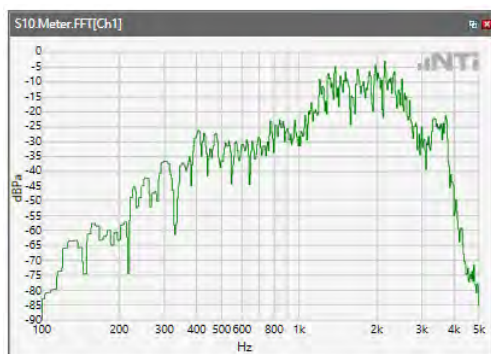


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

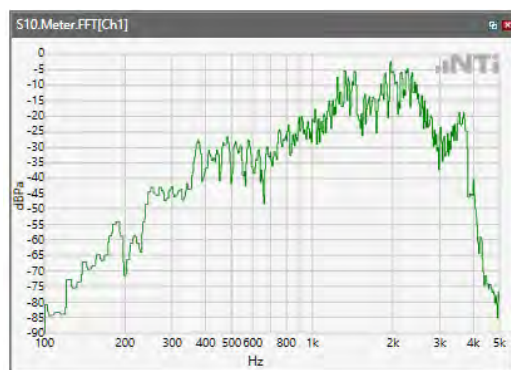


Receive path - distortion and noise 2000Hz WB&NB

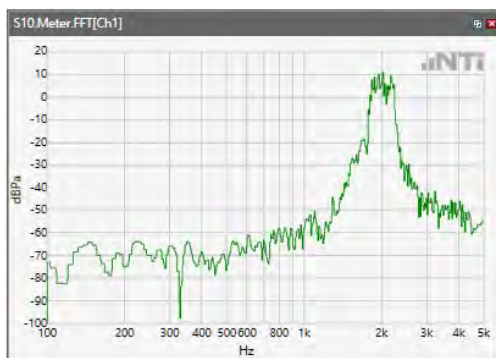
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



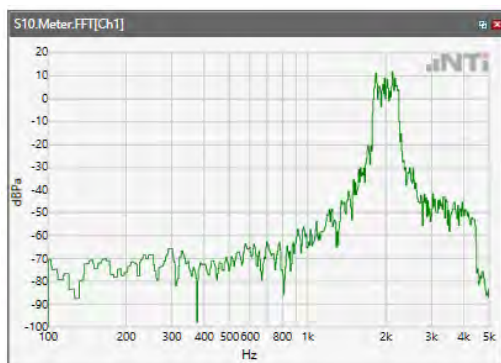
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



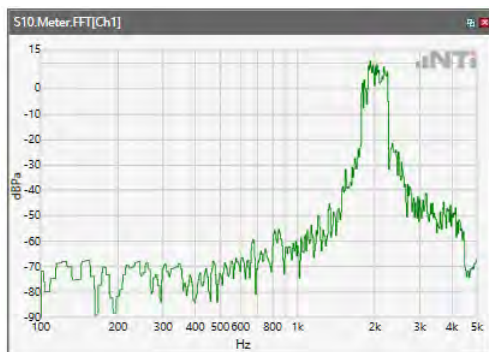
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



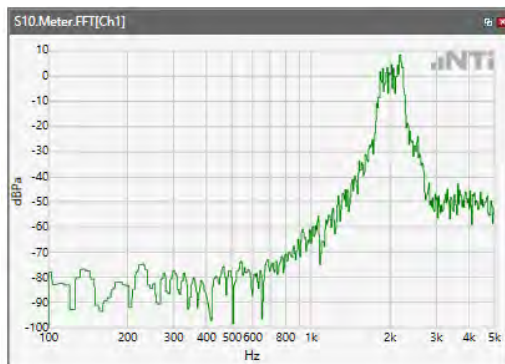
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



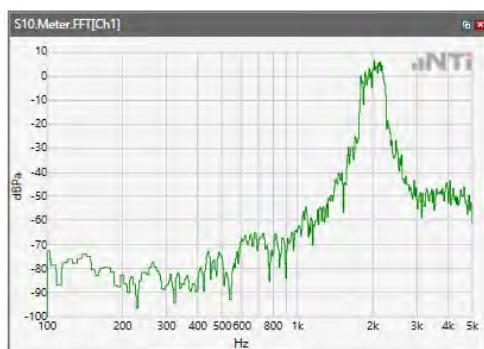
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



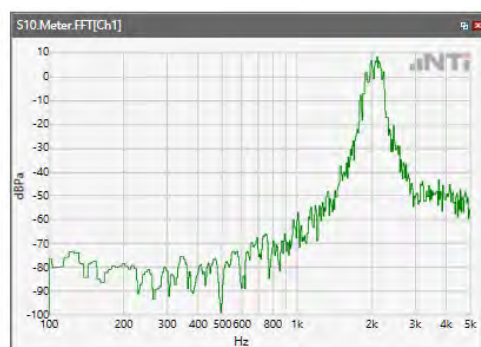
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



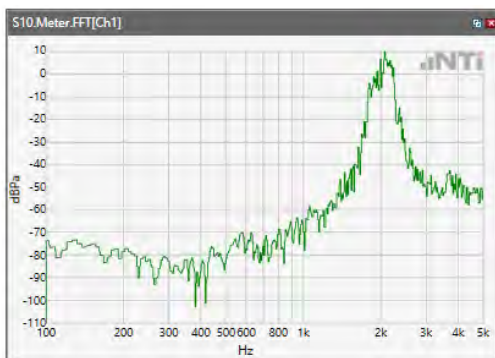
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



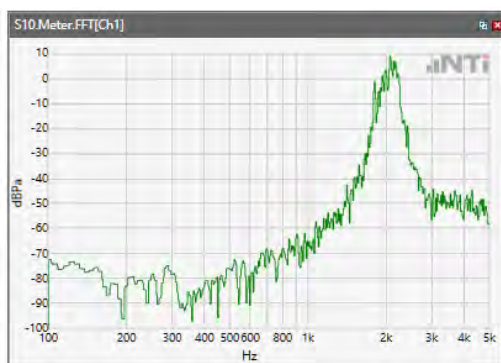
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



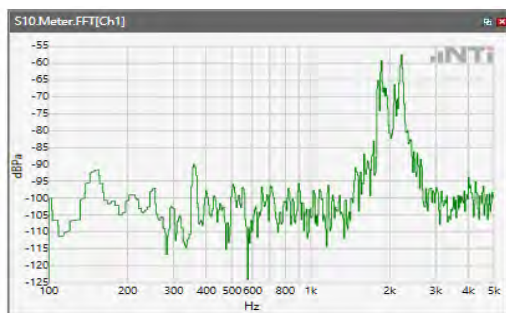
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

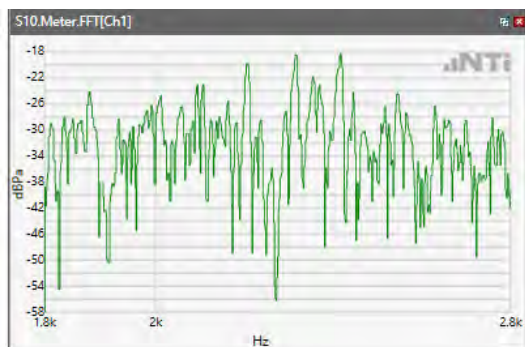


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

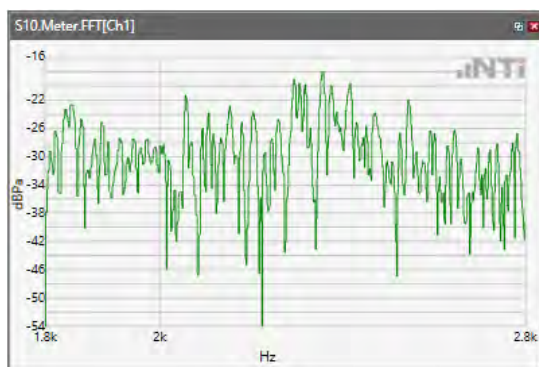


Receive path - distortion and noise 2500Hz WB&NB

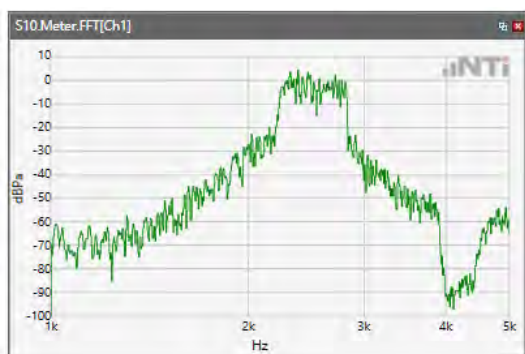
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



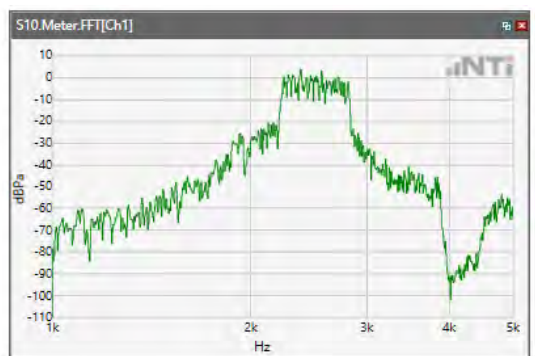
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



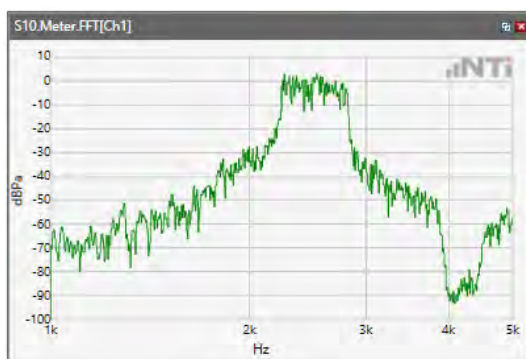
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



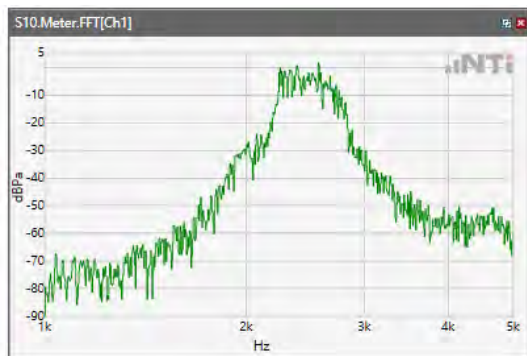
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



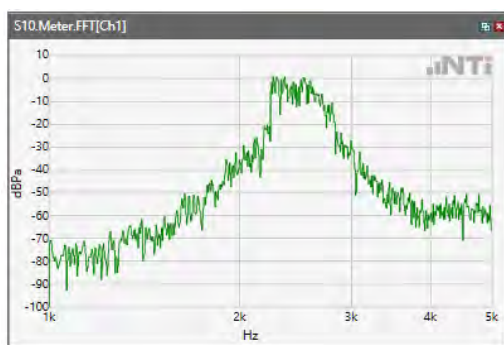
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



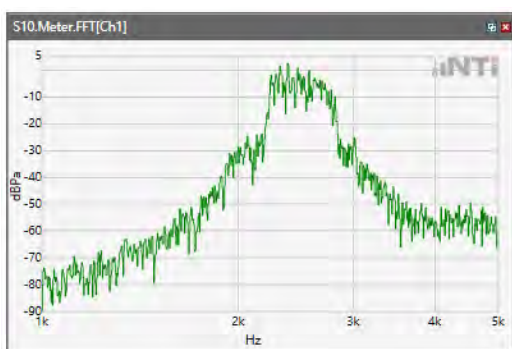
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



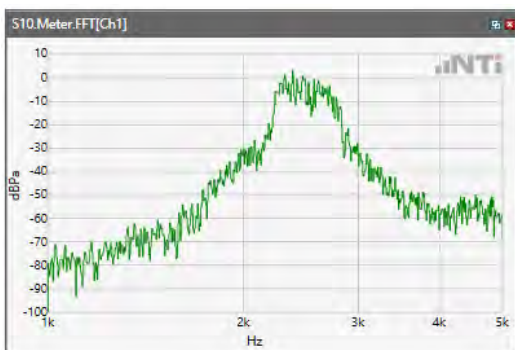
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



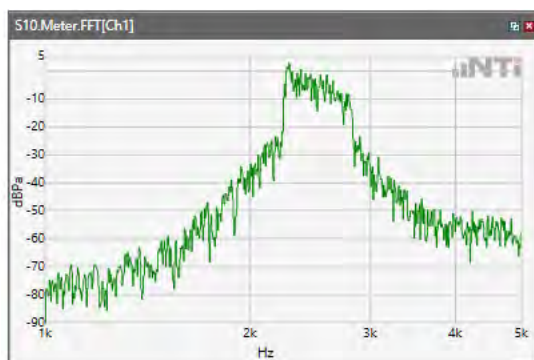
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



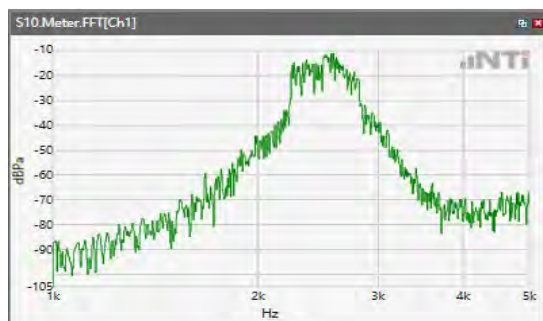
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

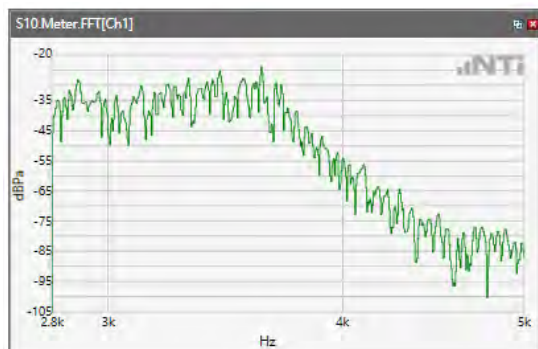


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

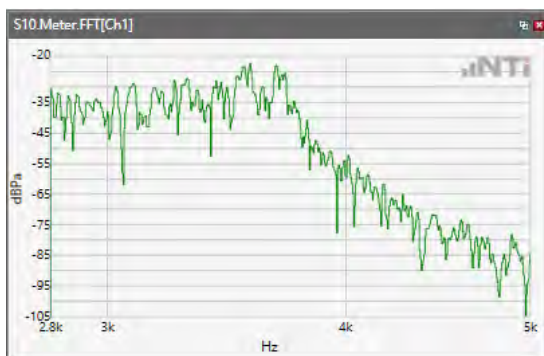


Receive path - distortion and noise 3150Hz WB&NB

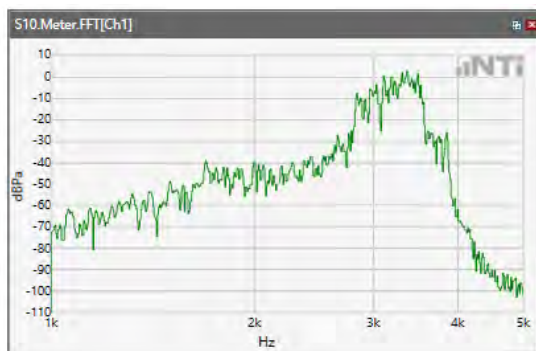
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



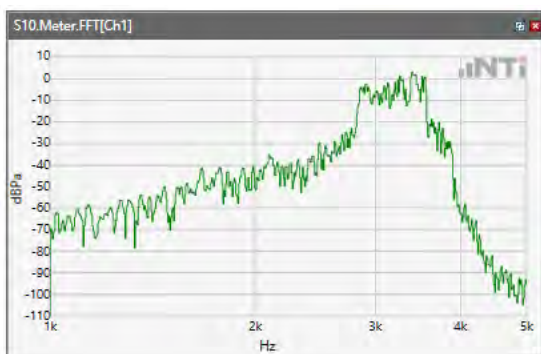
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



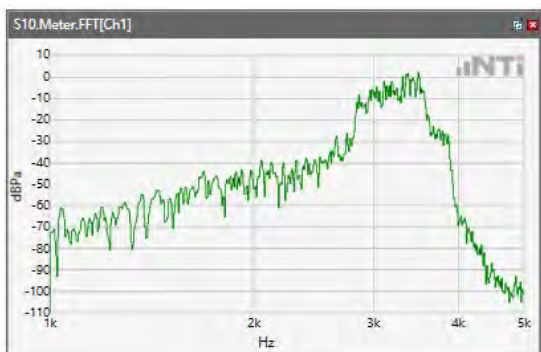
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



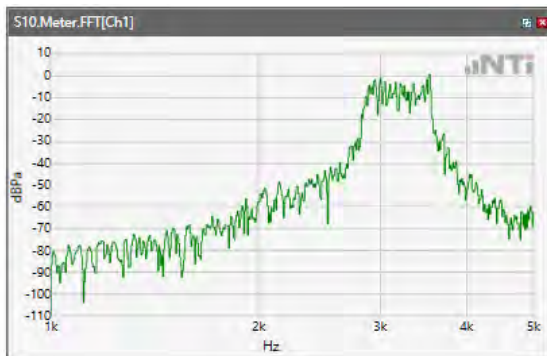
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



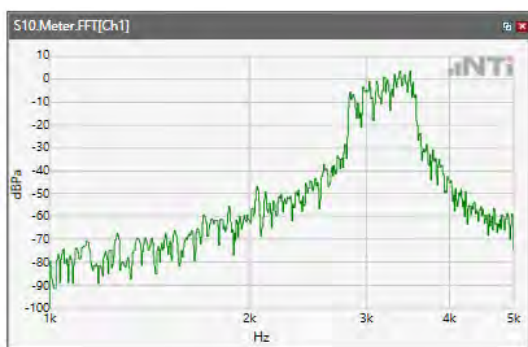
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



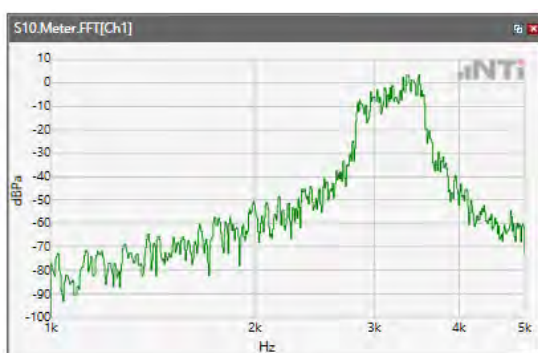
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



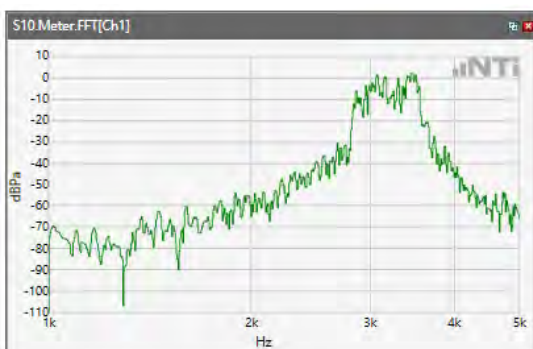
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



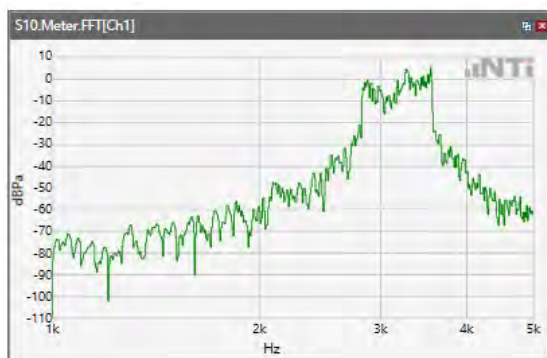
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



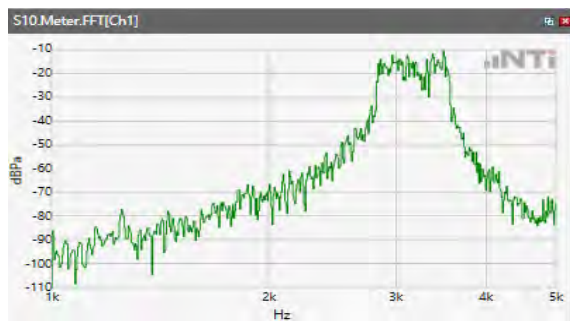
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

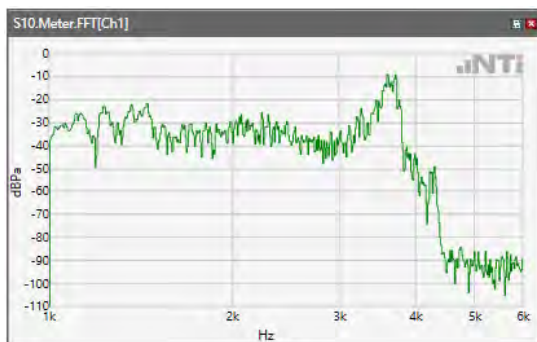


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz

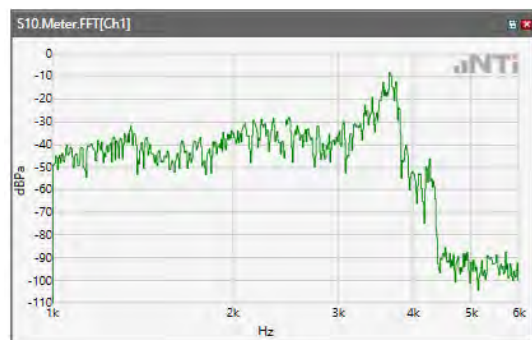


Receive path - distortion and noise 4000Hz WB only

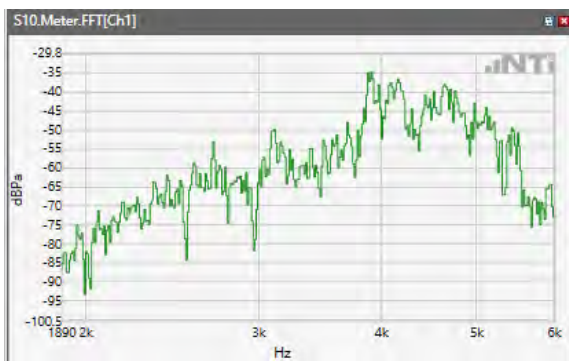
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



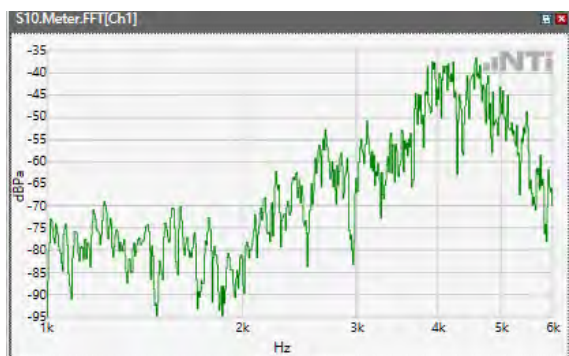
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



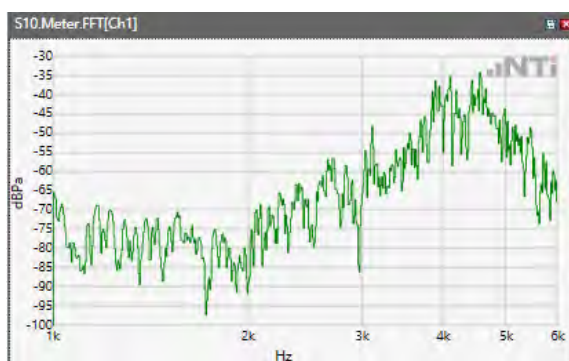
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



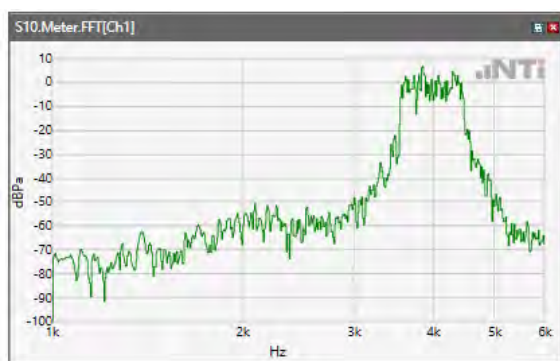
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



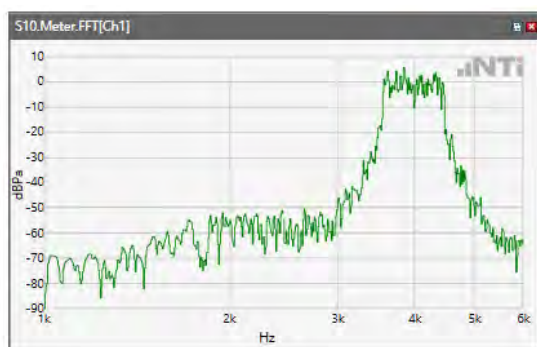
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



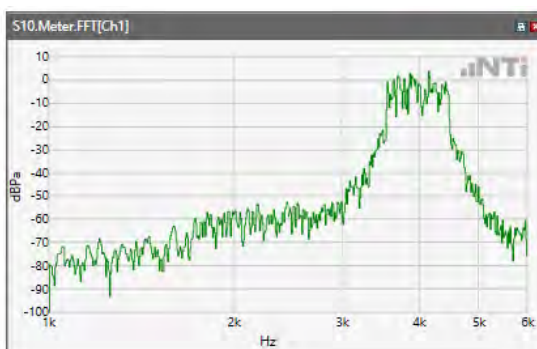
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



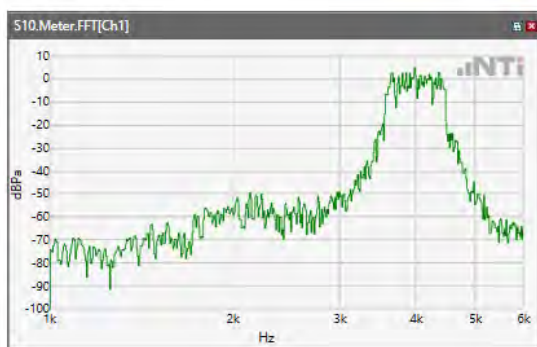
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



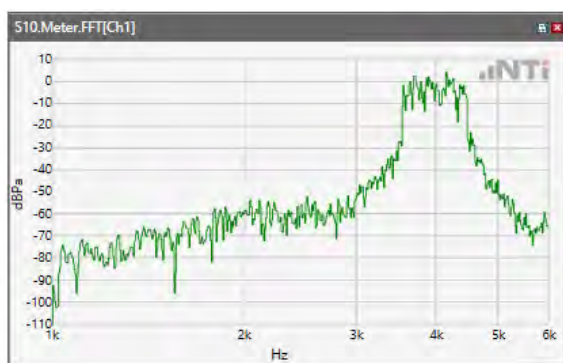
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



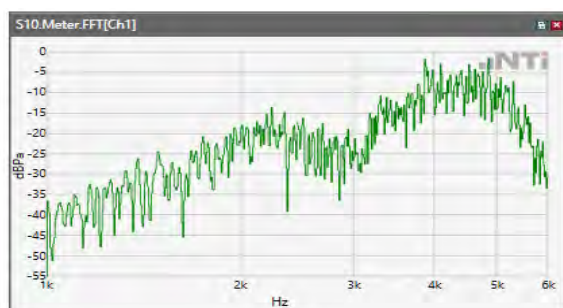
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

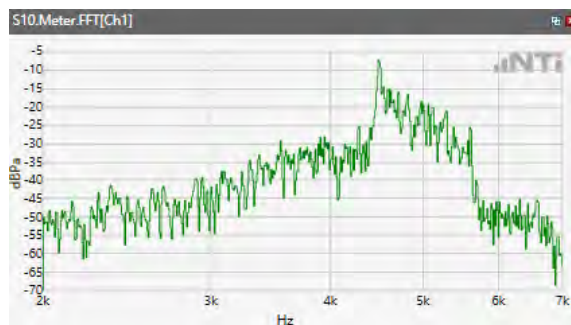


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz

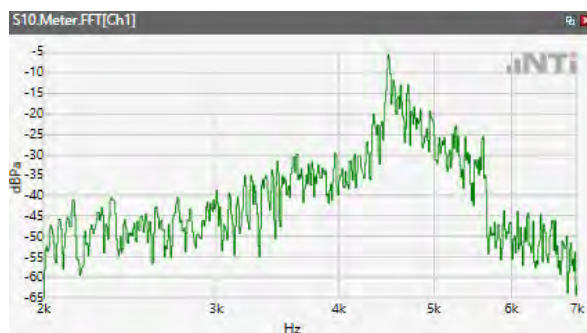


Receive path - distortion and noise 5000Hz WB only

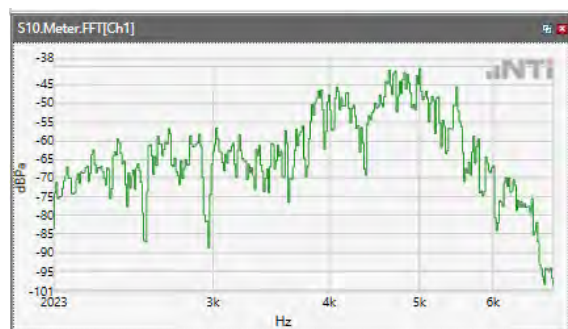
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 850



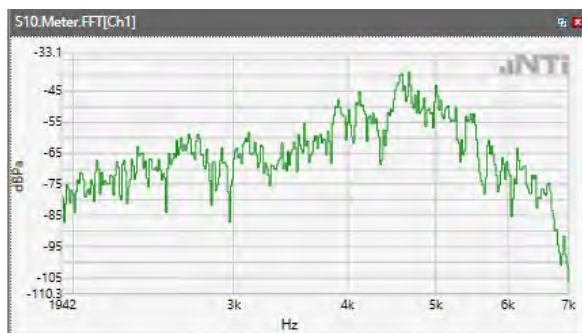
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ GSM 1900



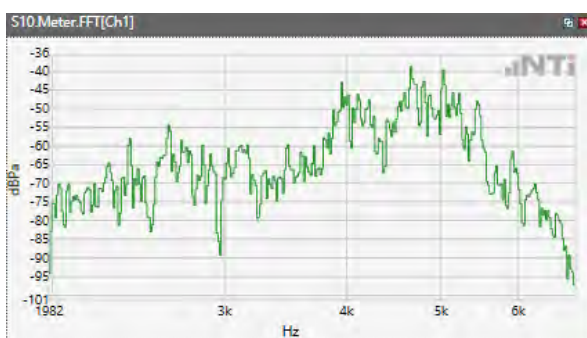
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA II



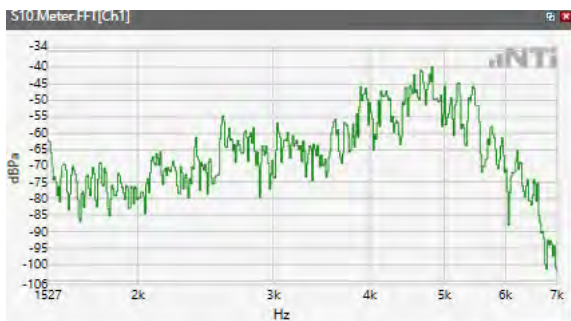
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA IV



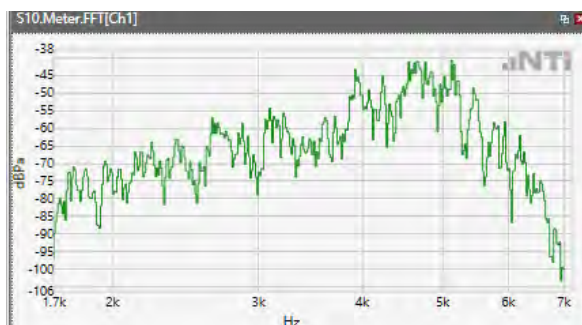
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ WCDMA V



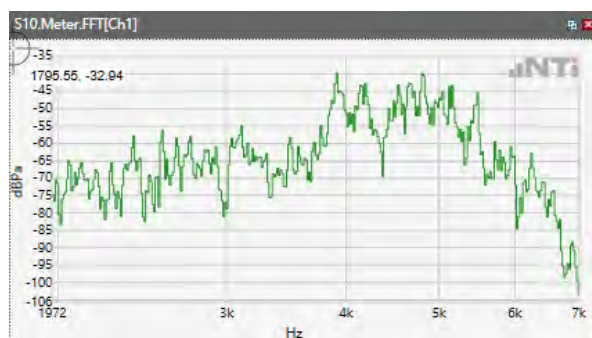
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



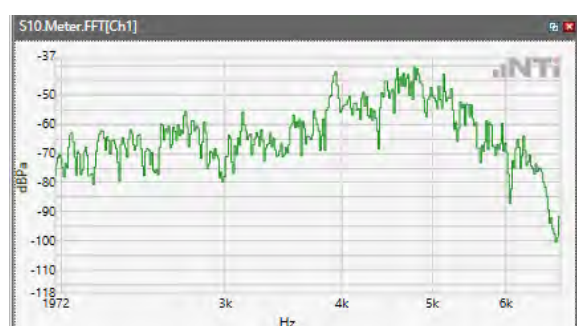
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



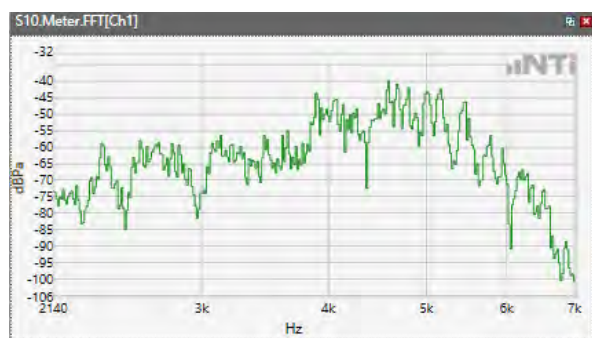
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 26



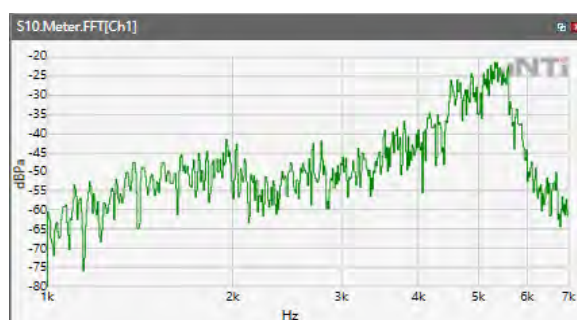
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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



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



5.2 Receive path – distortion and noise

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

5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

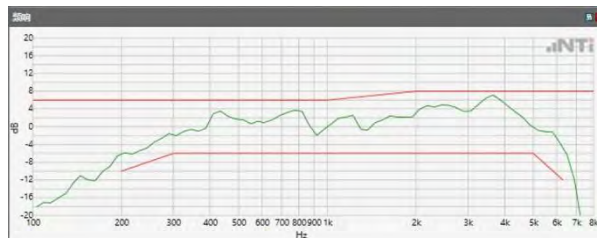
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

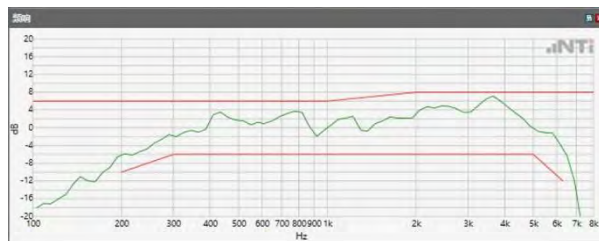
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

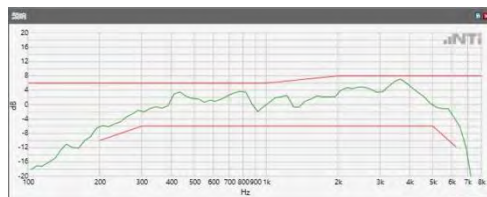
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

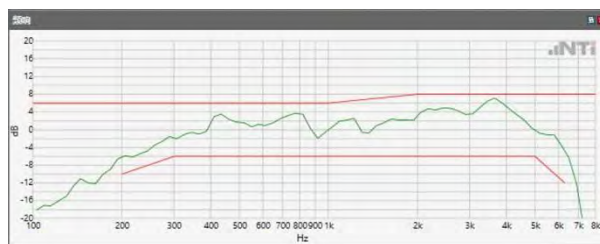
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

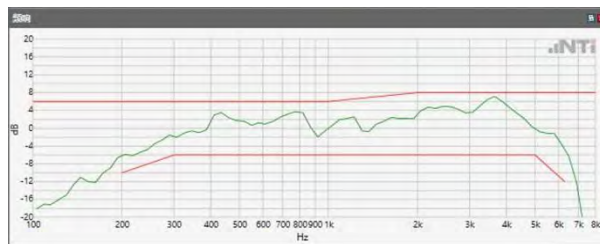
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

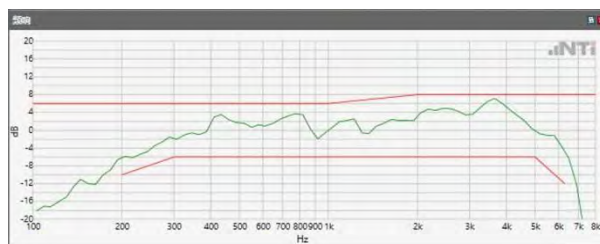
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

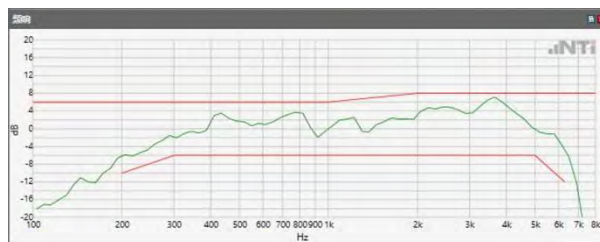
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

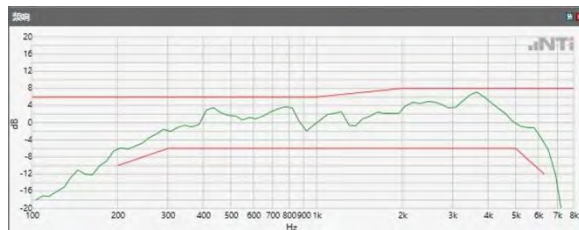
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

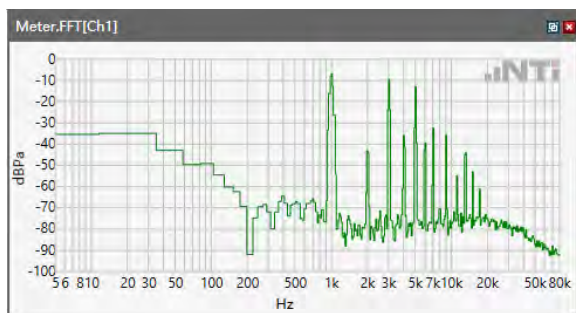
OK

Limits

	lower
Run 1	Fit into tolerance

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

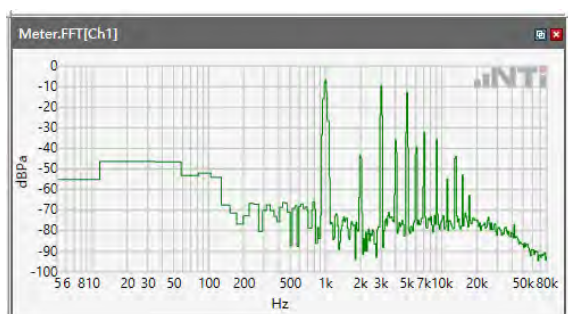
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 12



Speech Level RCV: 94.18 dB[SPL]

Calculated Value: 24.18 dB Ok

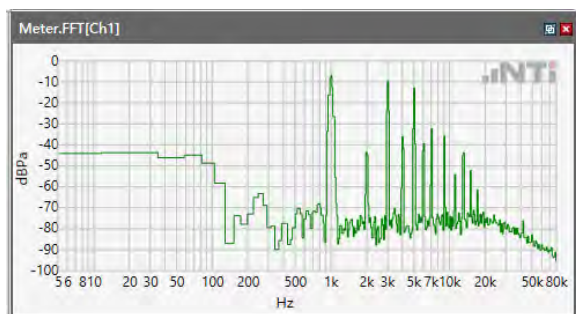
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 25



Speech Level RCV: 94.71 dB[SPL]

Calculated Value: 24.71 dB Ok

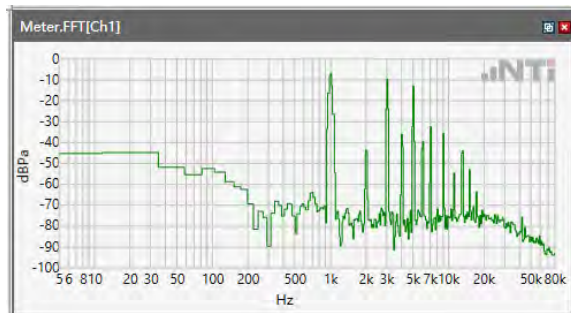
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 26



Speech Level RCV: 94.46 dB[SPL]

Calculated Value: 24.46 dB Ok

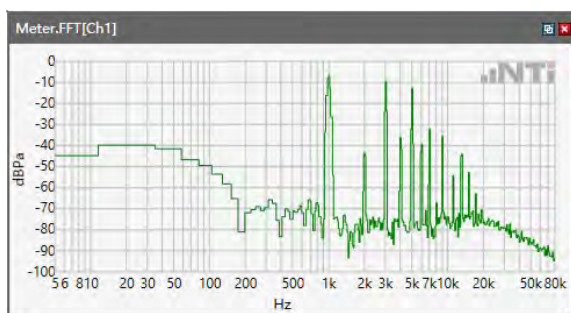
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 66



Speech Level RCV: 93.82 dB[SPL]

Calculated Value: 23.82 dB Ok

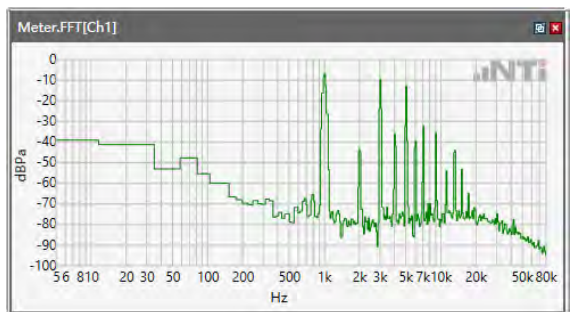
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE BAND 71



Speech Level RCV: 94.22 dB[SPL]

Calculated Value: 24.22 dB Ok

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

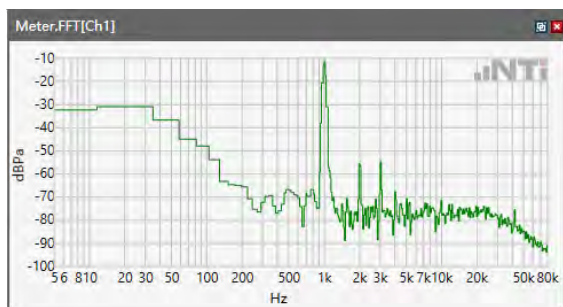


Speech Level RCV: 97.09 dB[SPL]

Calculated Value: 27.09 dB Ok

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

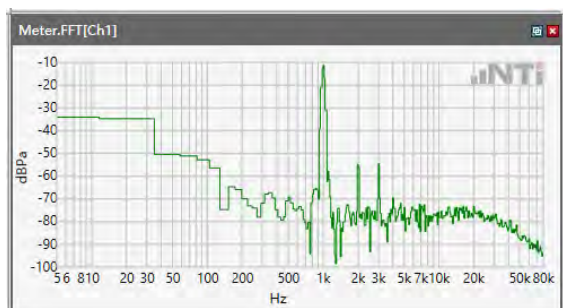
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 12



Speech Level RCV: 97.33 dB[SPL]

Calculated Value: 27.33 dB Ok

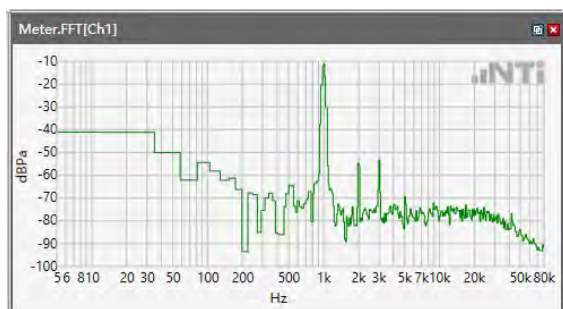
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 25



Speech Level RCV: 97.26 dB[SPL]

Calculated Value: 27.26 dB Ok

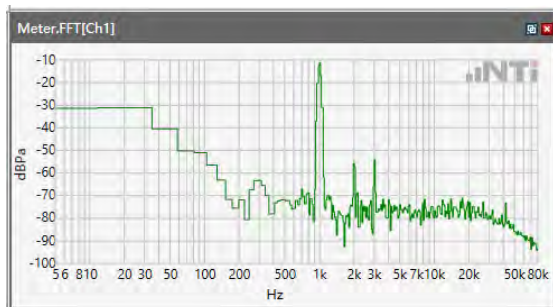
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 26



Speech Level RCV: 96.29 dB[SPL]

Calculated Value: 26.29 dB Ok

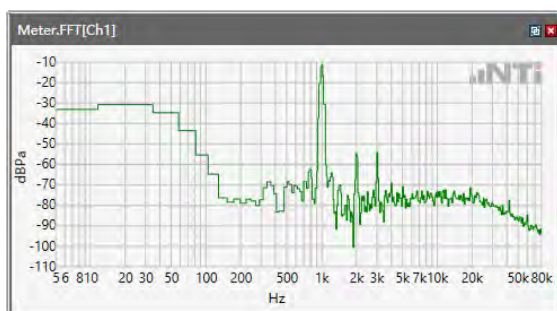
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 66



Speech Level RCV: 97.03 dB[SPL]

Calculated Value: 27.03 dB Ok

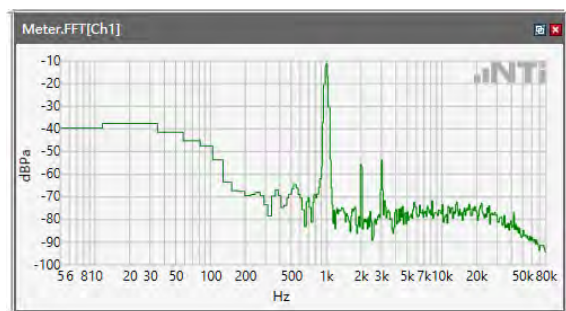
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE BAND 71



Speech Level RCV: 97.42 dB[SPL]

Calculated Value: 27.42 dB Ok

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



Speech Level RCV: 99.64 dB[SPL]

Calculated Value: 29.64 dB Ok