



REPORT No.: SZ25060449S02

Annex D Test Results of Volume Control



Measurement Protocol

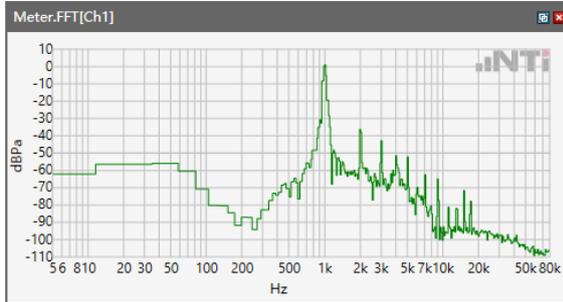
Project	SZ25060449 of TIA 5050 v1
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5.1 Receive Volume Control Performance 8N---NB	5
Receive path - distortion and noise 400Hz WB&NB	12
Receive path - distortion and noise 500Hz WB&NB	18
Receive path - distortion and noise 630Hz WB&NB	25
Receive path - distortion and noise 800Hz WB&NB	32
Receive path - distortion and noise 1000Hz WB&NB	37
Receive path - distortion and noise 1250Hz WB&NB	42
Receive path - distortion and noise 1600Hz WB&NB	47
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Receive path - distortion and noise 500Hz WB&NB	99
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Receive path - distortion and noise 800Hz WB&NB	111
Receive path - distortion and noise 1000Hz WB&NB	116
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Receive path - distortion and noise 1600Hz WB&NB	126
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Receive path - distortion and noise 500Hz WB&NB	288
Receive path - distortion and noise 630Hz WB&NB	295
Receive path - distortion and noise 800Hz WB&NB	302
Receive path - distortion and noise 1000Hz WB&NB	307
Receive path - distortion and noise 1250Hz WB&NB	313
Receive path - distortion and noise 1600Hz WB&NB	318
Receive path - distortion and noise 2000Hz WB&NB	323
Receive path - distortion and noise 2500Hz WB&NB	329
Receive path - distortion and noise 3150Hz WB&NB	335
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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: 97.14 dB[SPL]

Calculated Value: 27.14k

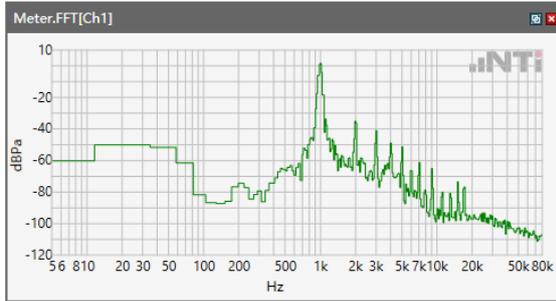
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 1900



Speech Level RCV: 97.26[SPL]

Calculated Value: 27.26Ok

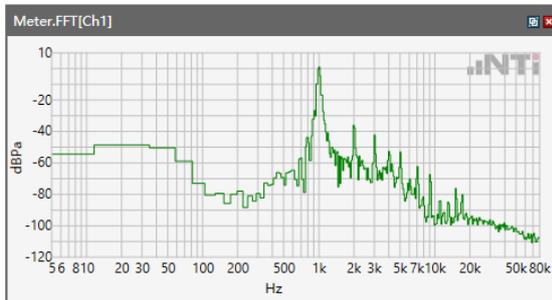
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 96.89[SPL]

Calculated Value: 26.89Ok

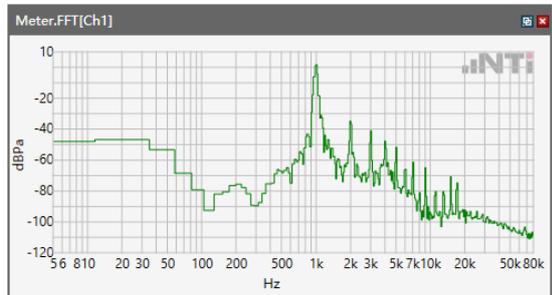
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band IV



Speech Level RCV: 96.37[SPL]

Calculated Value: 26.37Ok

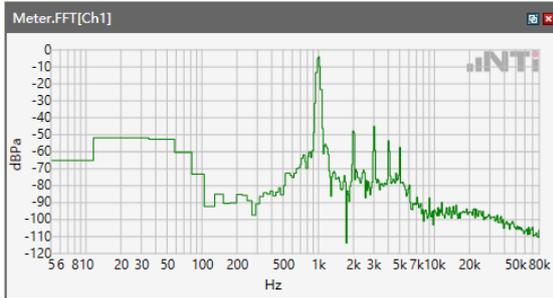
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 97.68[SPL]

Calculated Value: 27.68Ok

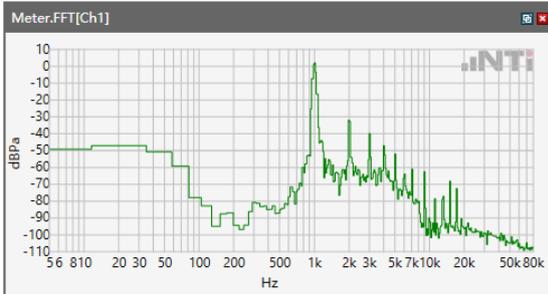
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 2



Speech Level RCV: 95.89[SPL]

Calculated Value: 25.89Ok

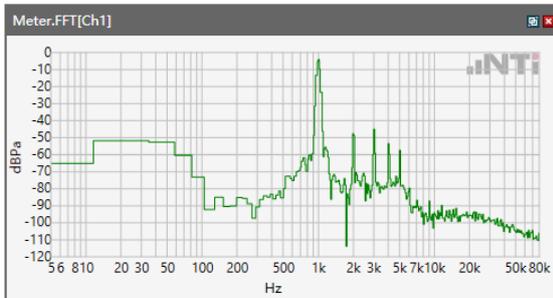
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 5



Speech Level RCV: 97.03[SPL]

Calculated Value: 27.03Ok

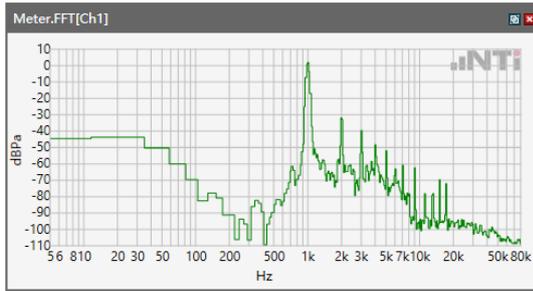
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 7



Speech Level RCV: 102.24[SPL]

Calculated Value: 32.24Ok

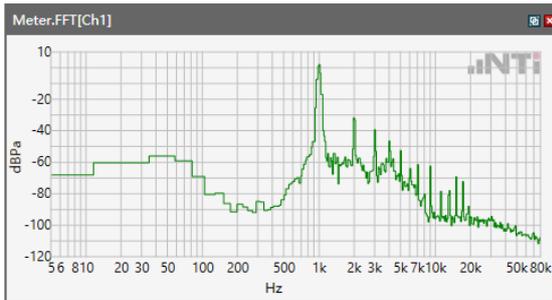
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 12



Speech Level RCV: 96.86[SPL]

Calculated Value: 26.86Ok

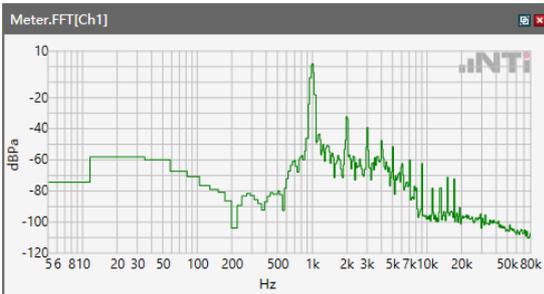
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 13



Speech Level RCV: 92.17[SPL]

Calculated Value: 22.17Ok

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



Speech Level RCV: 97.59[SPL]

Calculated Value: 27.59Ok

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



Speech Level RCV: 97.02[SPL]

Calculated Value: 27.02Ok

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



Speech Level RCV: 95.96[SPL]

Calculated Value: 25.96Ok

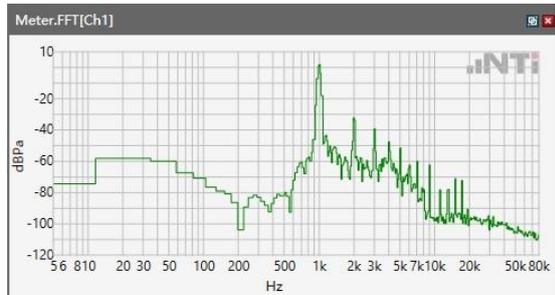
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.2GHz



Speech Level RCV: 96.85[SPL]

Calculated Value: 26.85Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.3GHz



Speech Level RCV: 97.37[SPL]

Calculated Value: 27.37Ok

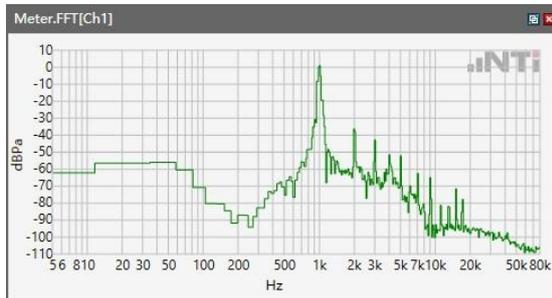
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.5GHz



Speech Level RCV: 97.07[SPL]

Calculated Value: 27.07Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.8GHz



Speech Level RCV: 96.3[SPL]

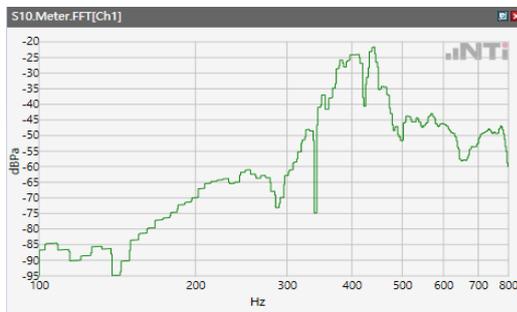
Calculated Value: 26.3Ok

Receive path - distortion and noise 400Hz WB&NB

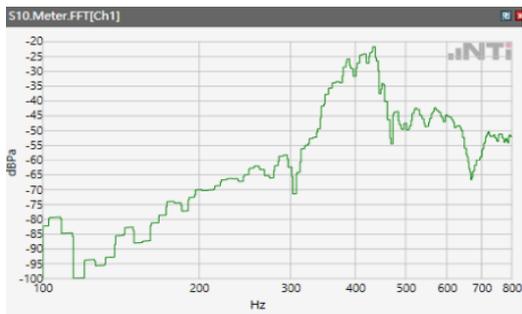
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



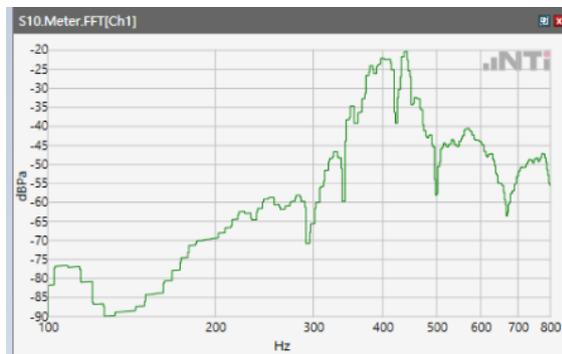
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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



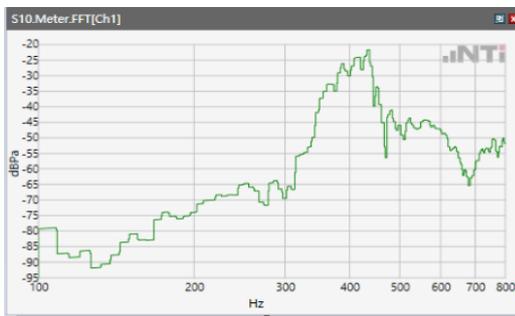
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



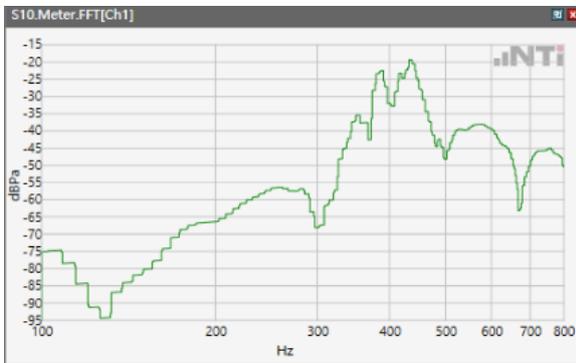
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



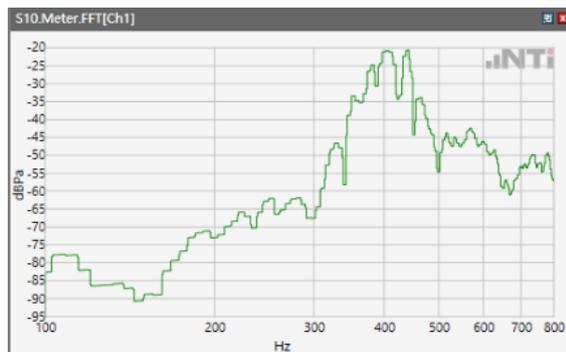
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



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



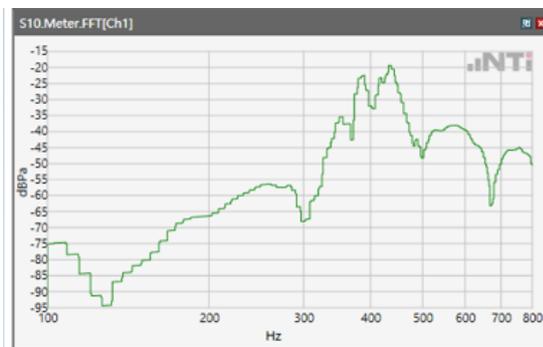
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



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



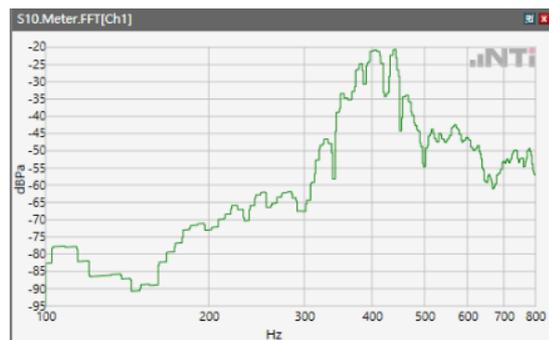
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



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



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ WLAN
5.8GHz



Receive path - distortion and noise 500Hz WB&NB

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



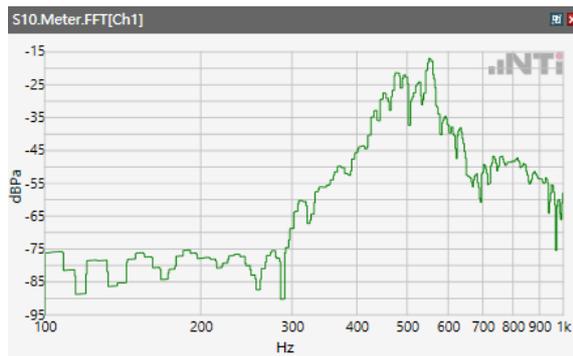
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



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 2



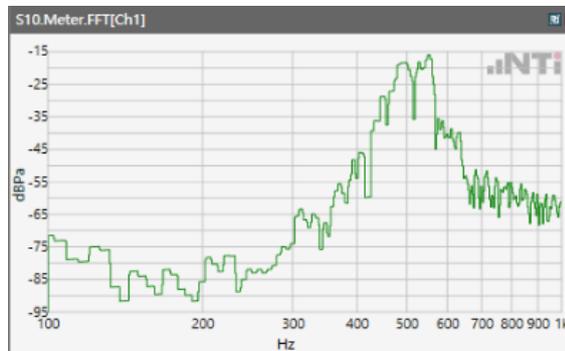
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 5



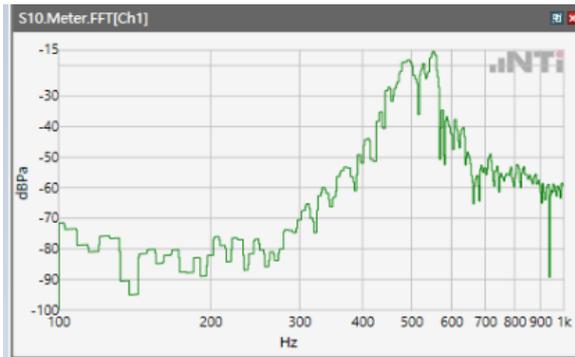
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 7



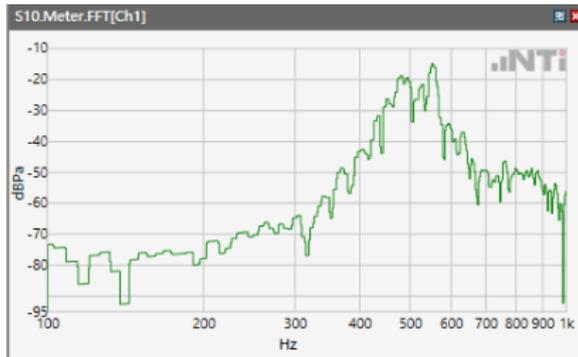
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 12



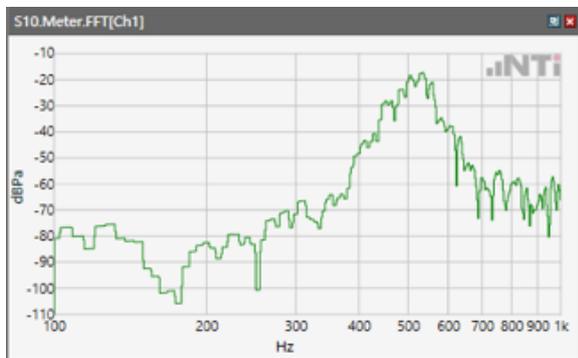
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 13



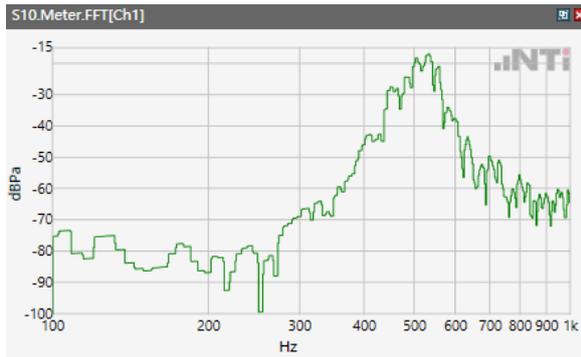
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 66



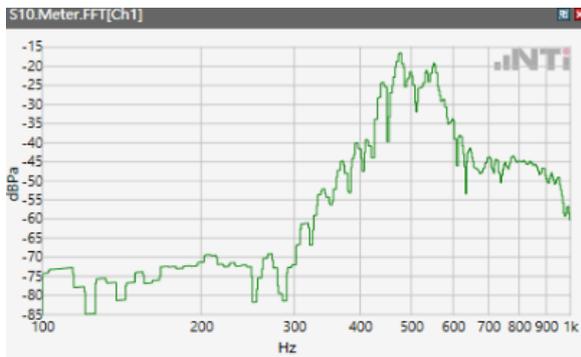
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 71



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



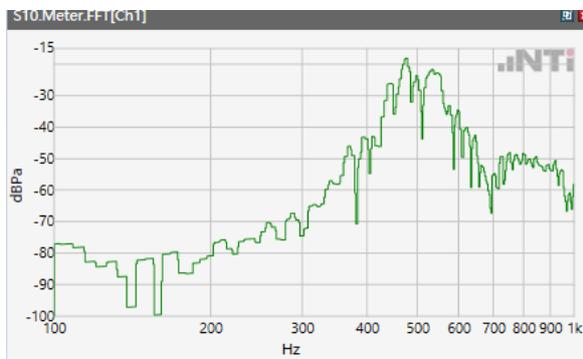
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



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



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

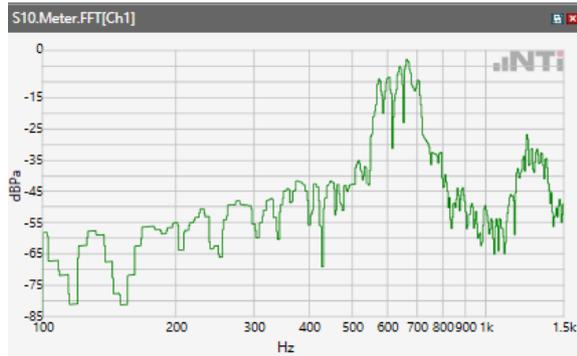


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

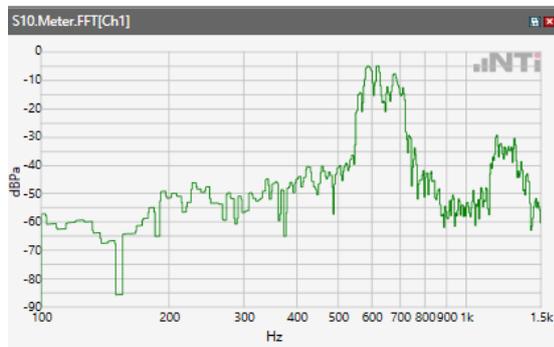


Receive path - distortion and noise 630Hz WB&NB

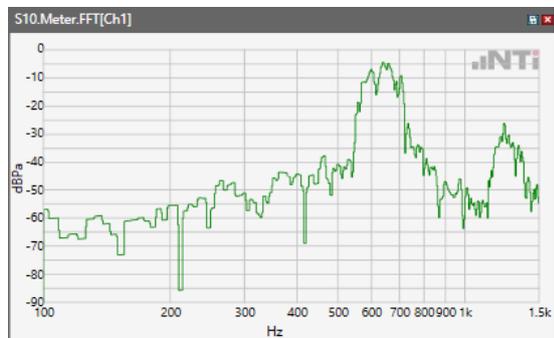
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise GSM 850



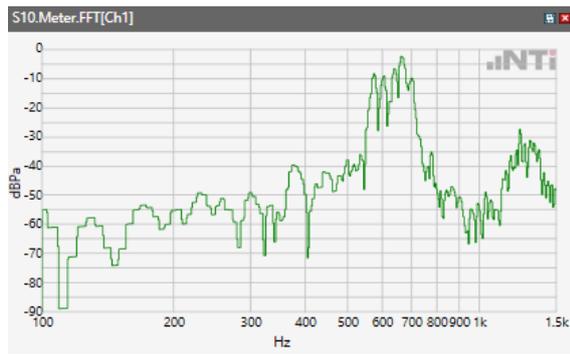
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise GSM 1900



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



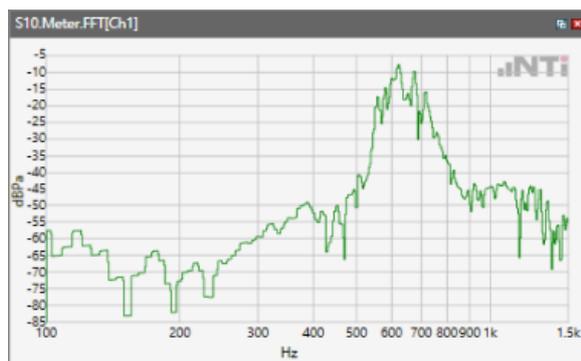
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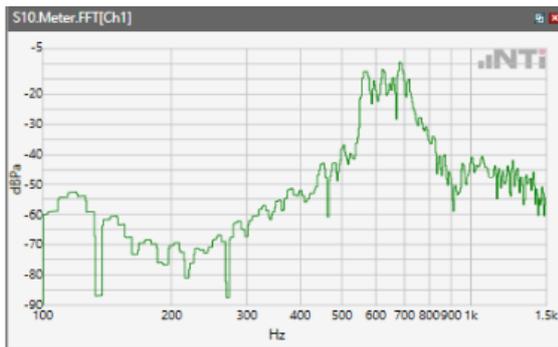
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ WCDMA Band V



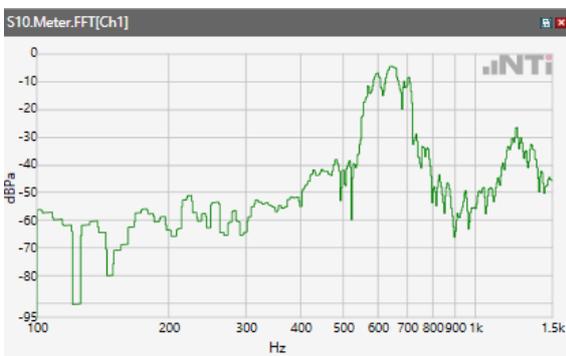
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 2



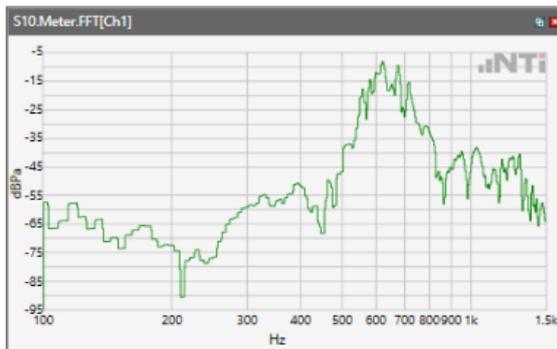
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



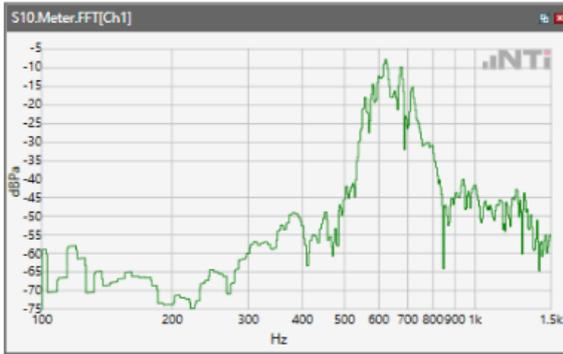
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



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 13



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



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



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz

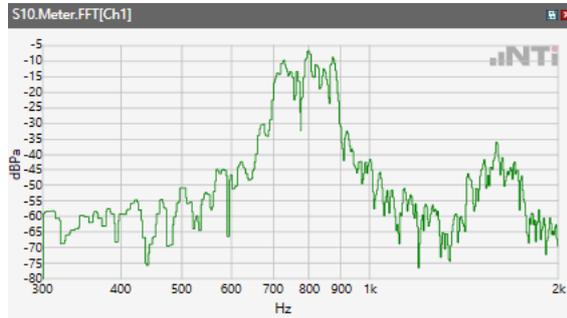


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ WLAN
5.8GHz



Receive path - distortion and noise 800Hz WB&NB

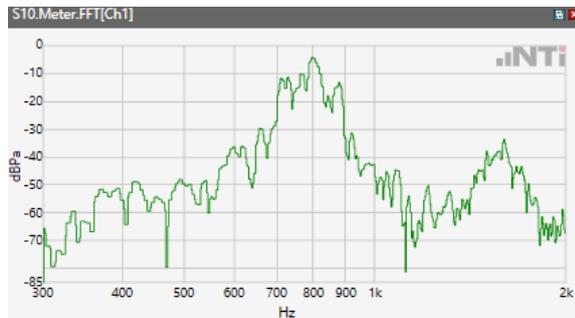
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



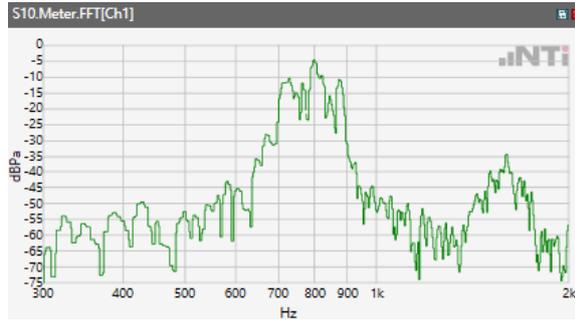
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



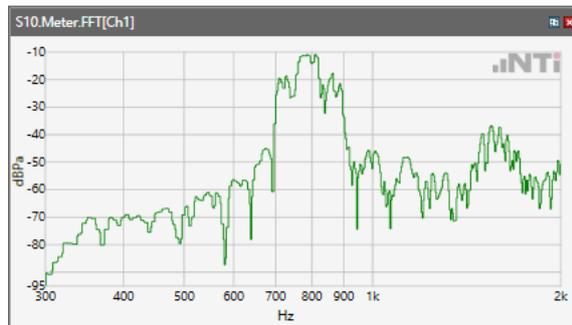
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



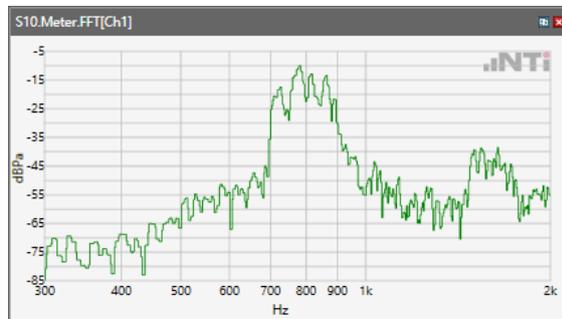
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



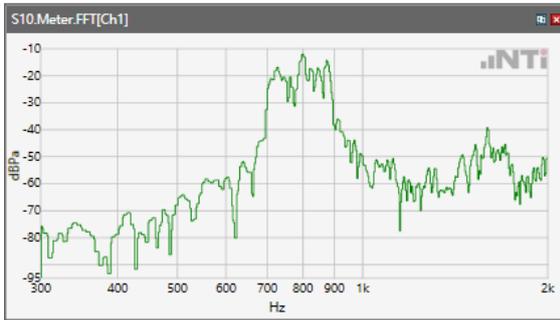
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



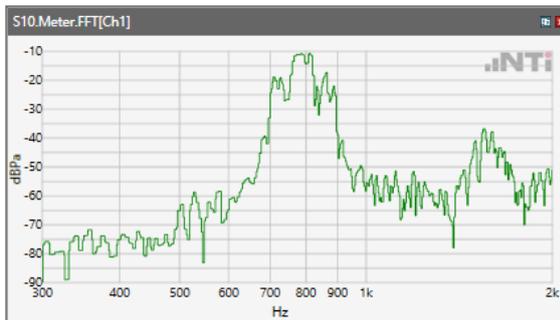
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



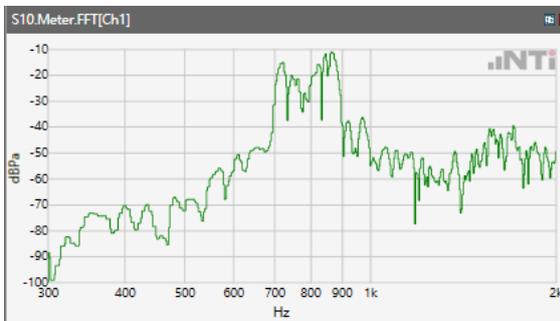
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



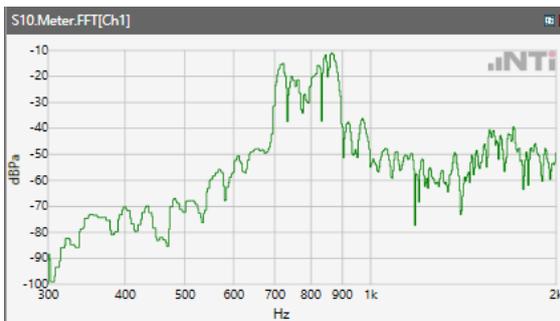
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



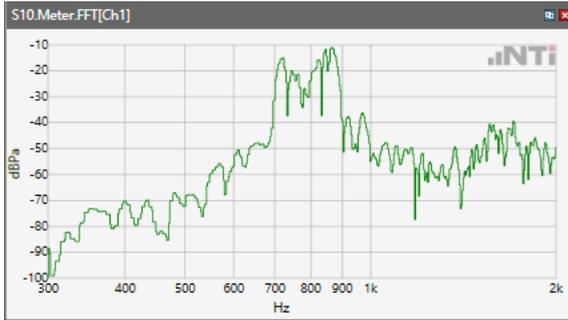
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66



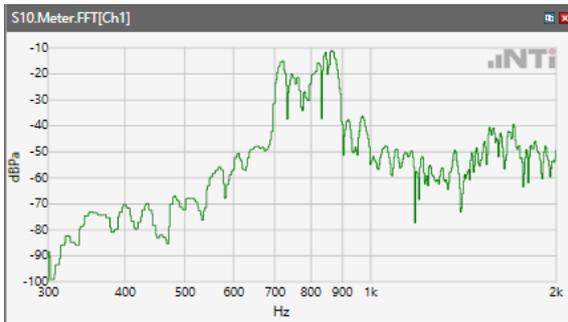
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



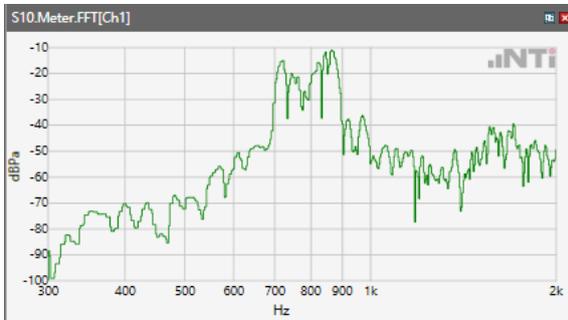
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



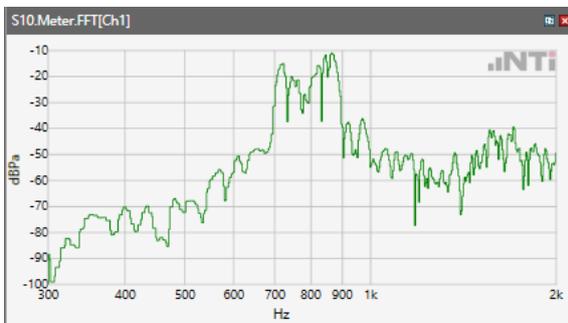
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



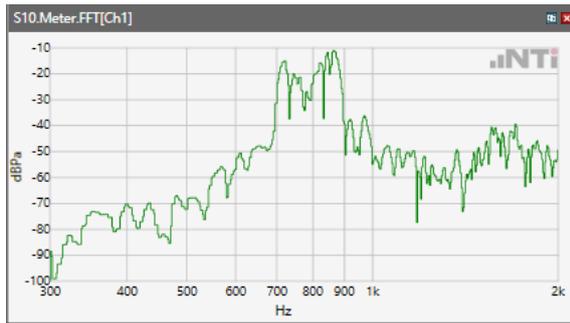
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

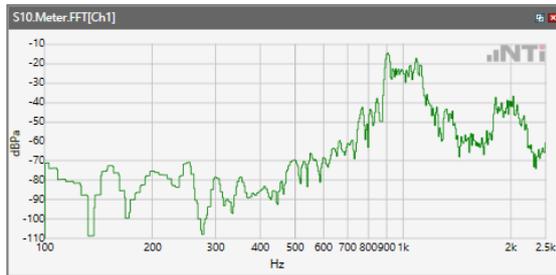


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ WLAN
5.8GHz



Receive path - distortion and noise 1000Hz WB&NB

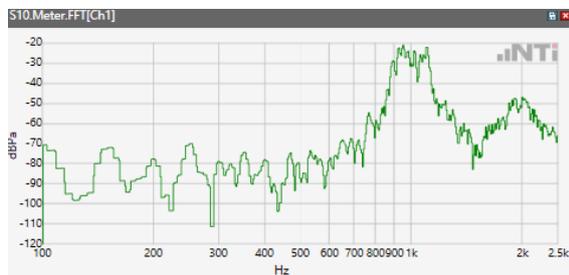
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



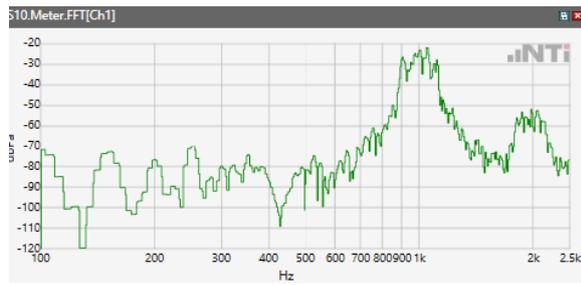
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



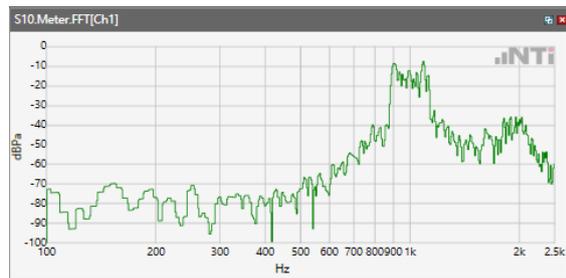
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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



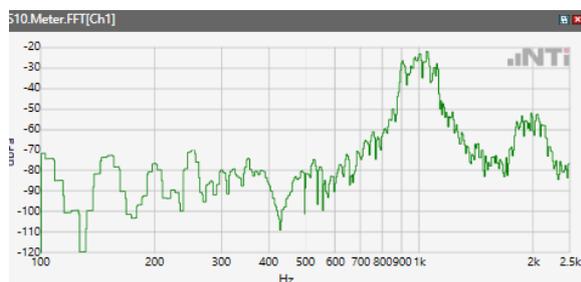
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



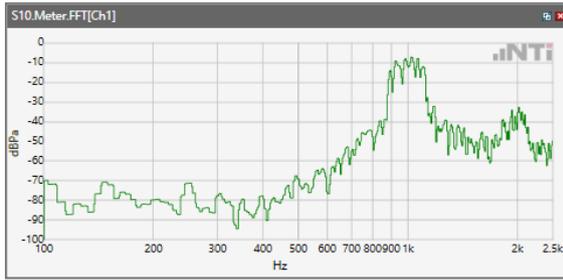
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



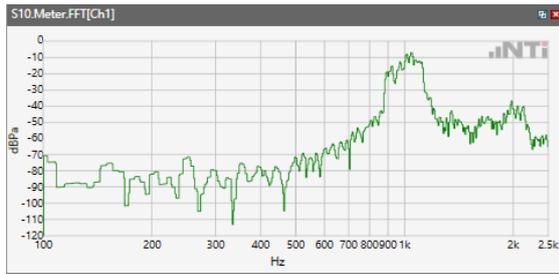
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



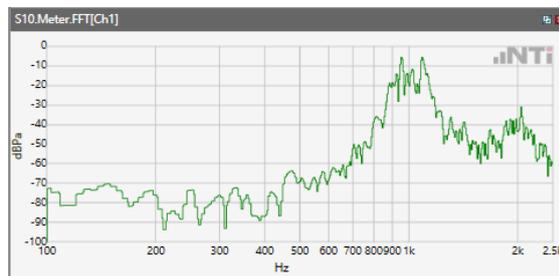
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ LTE Band 12



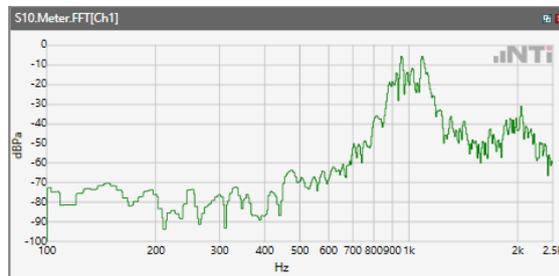
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



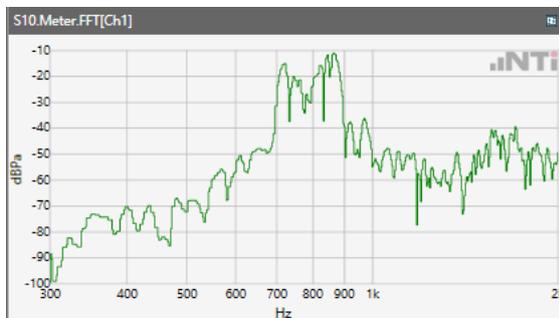
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66



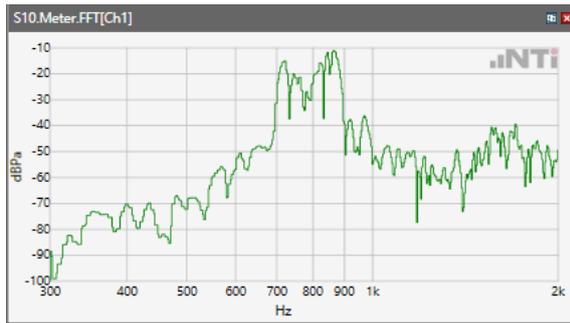
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



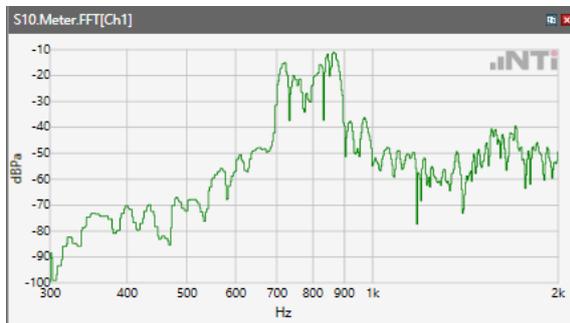
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



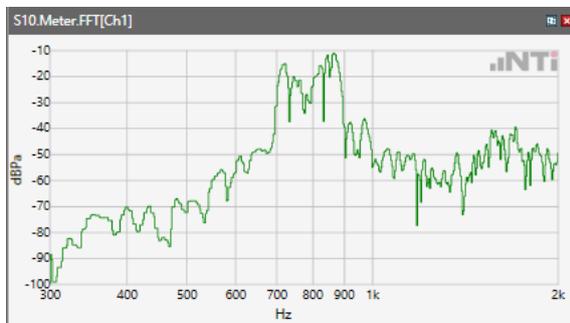
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



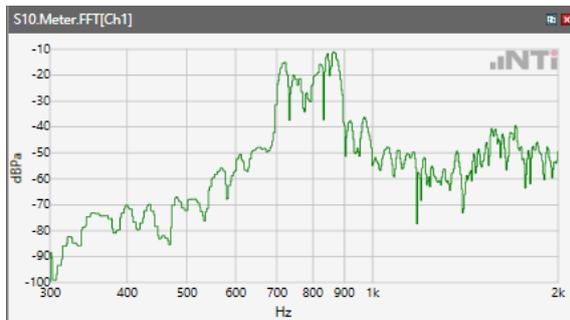
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz

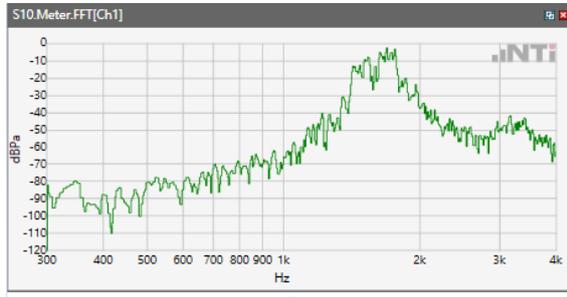


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz



Receive path - distortion and noise 1250Hz WB&NB

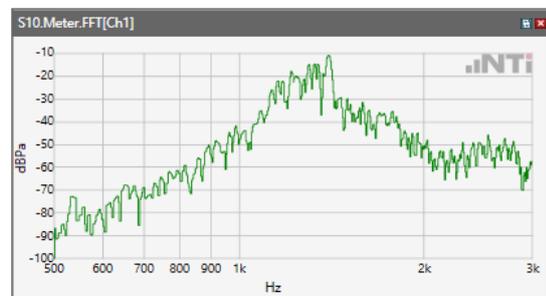
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



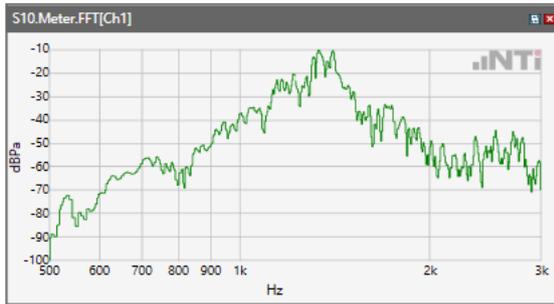
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



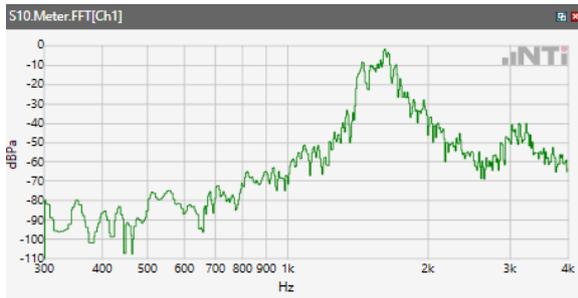
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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 2



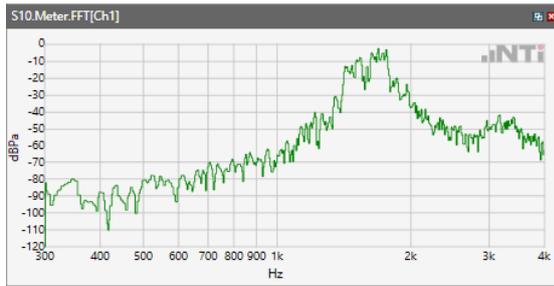
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



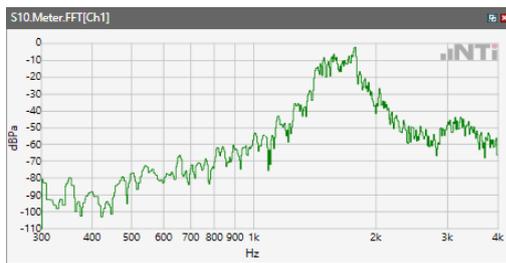
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



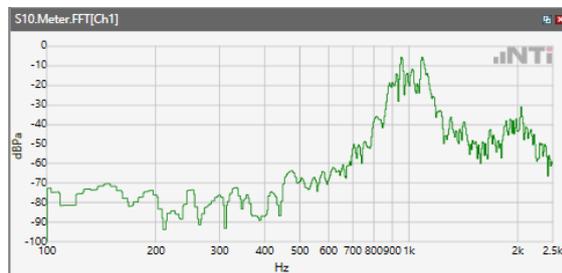
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



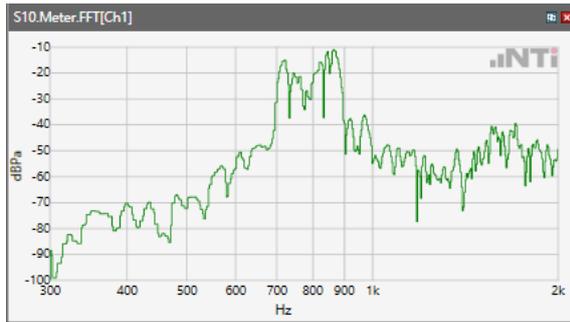
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66



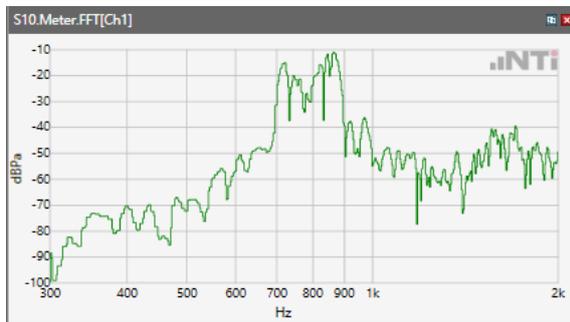
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



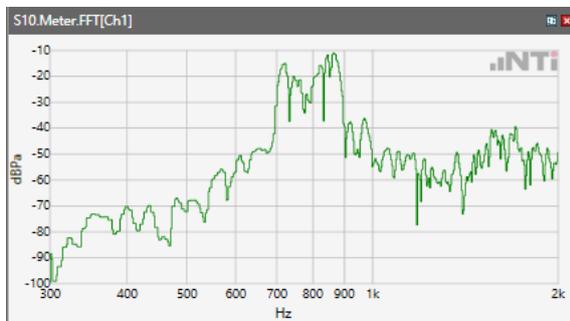
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



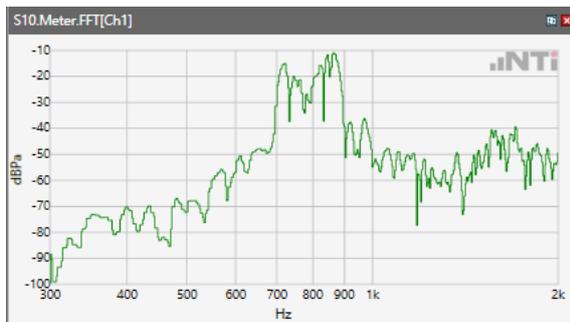
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



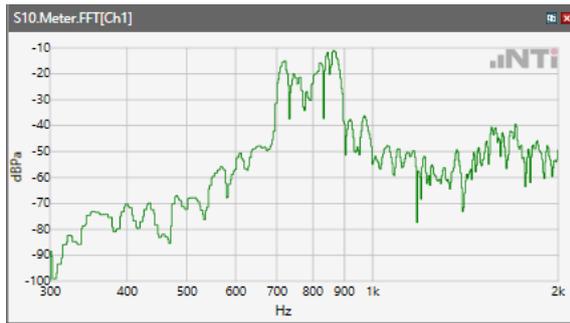
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

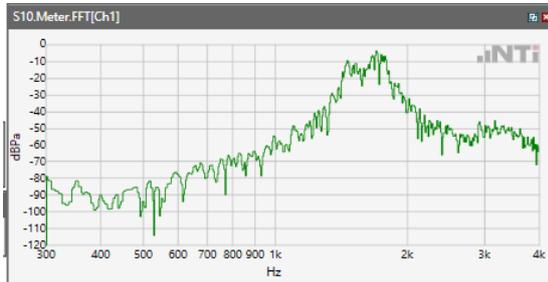


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps \ 5.2 Receive path – distortion and noise \ WLAN
5.8GHz

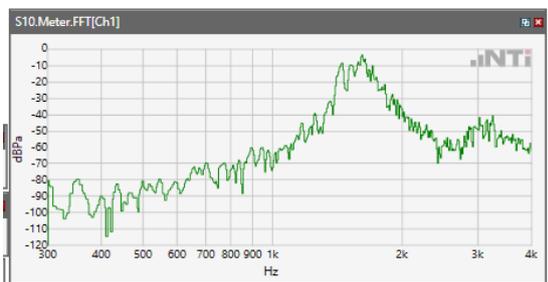


Receive path - distortion and noise 1600Hz WB&NB

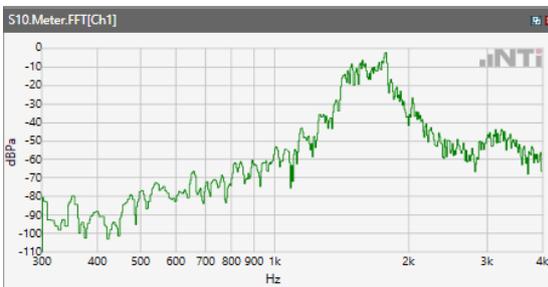
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



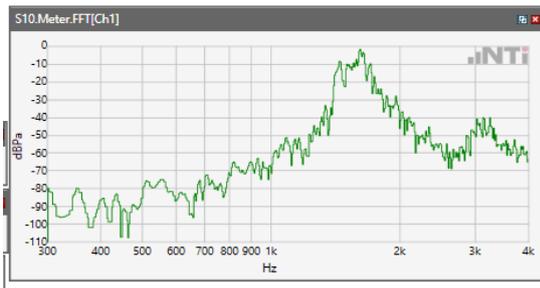
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



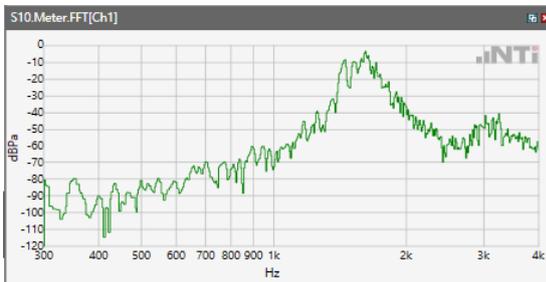
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



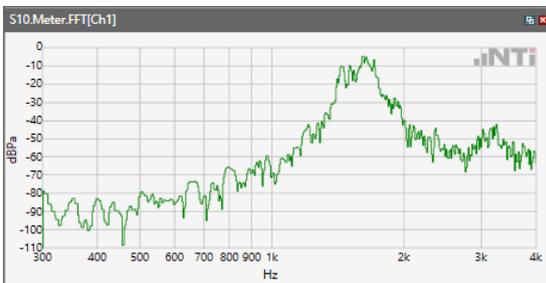
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



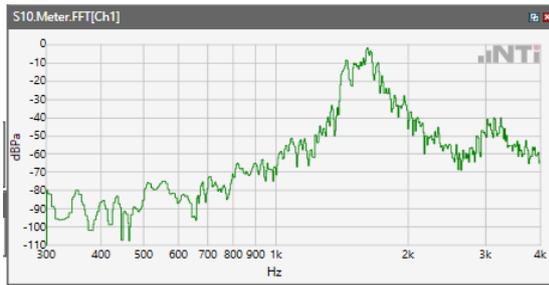
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



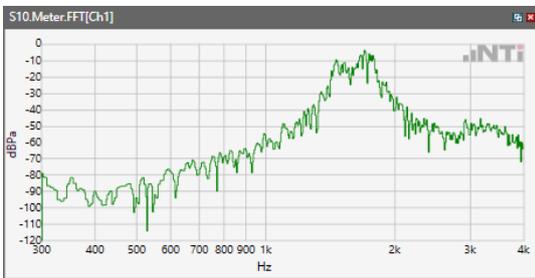
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



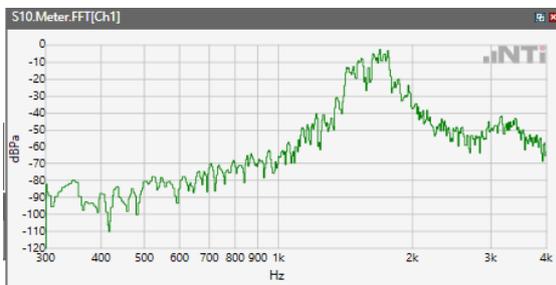
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13

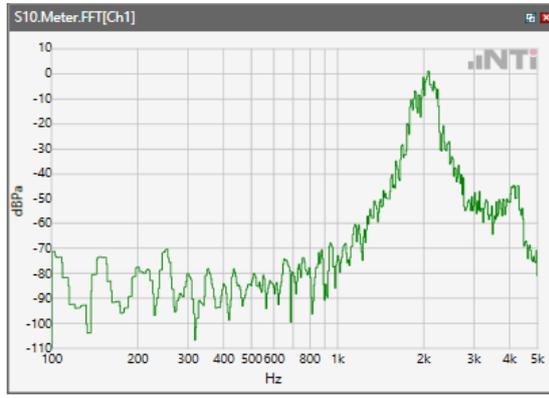


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66

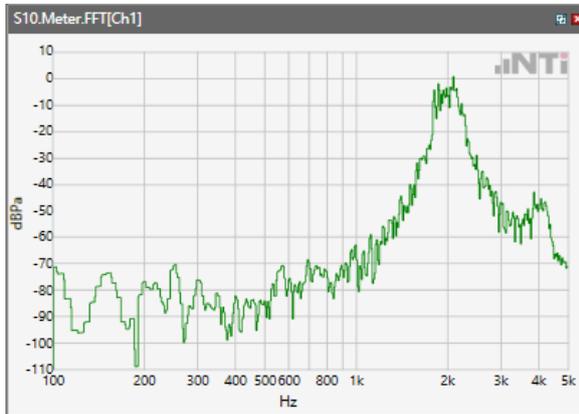


Receive path - distortion and noise 2000Hz WB&NB

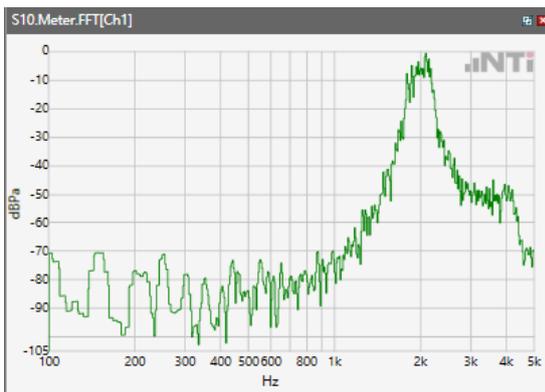
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



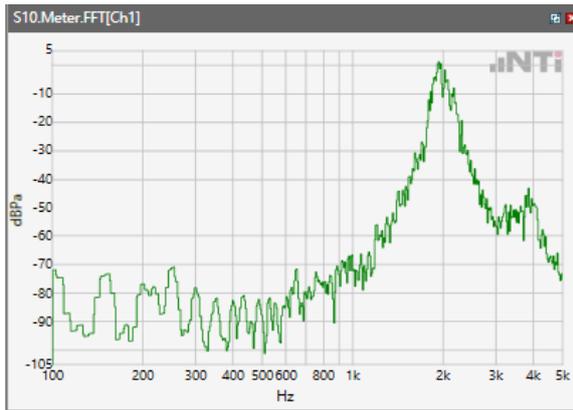
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



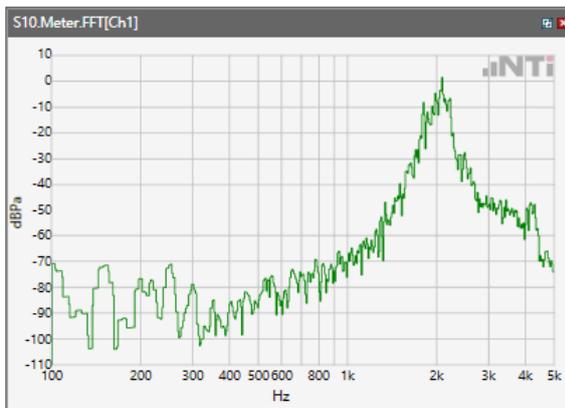
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



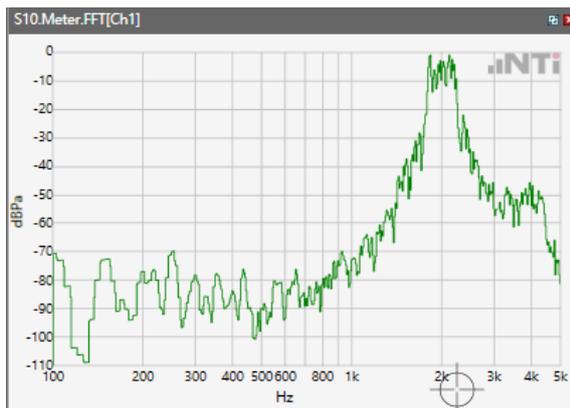
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



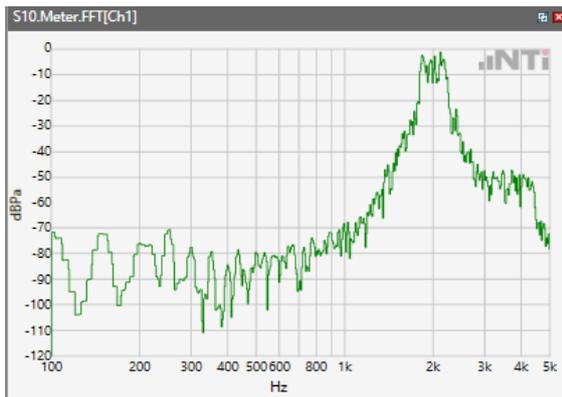
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



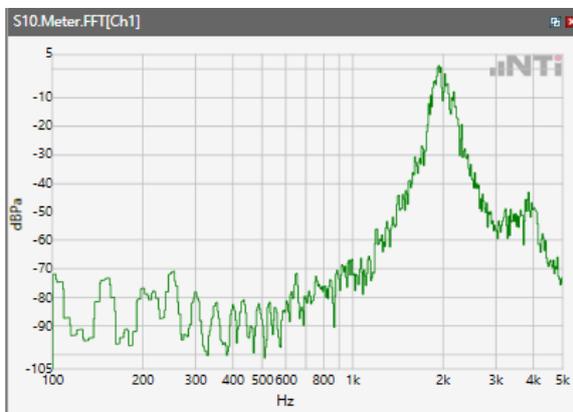
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



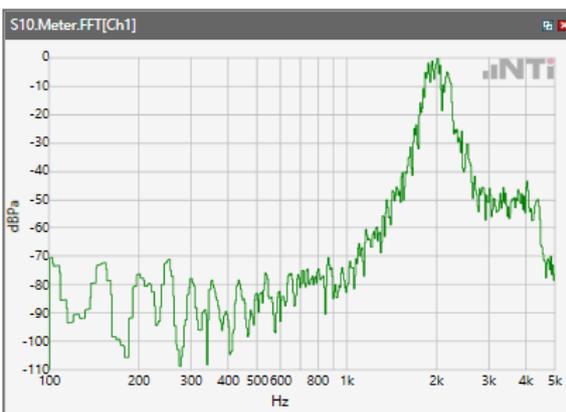
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



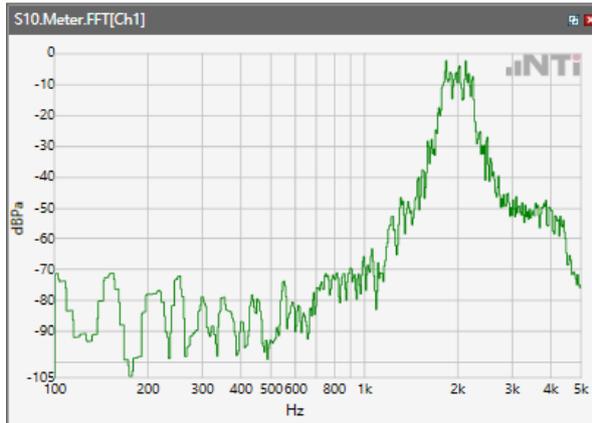
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



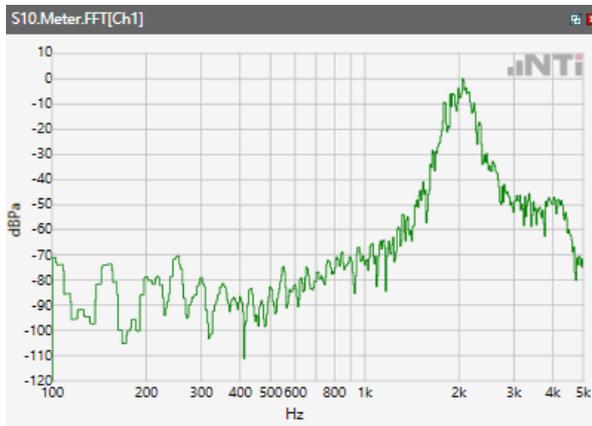
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13

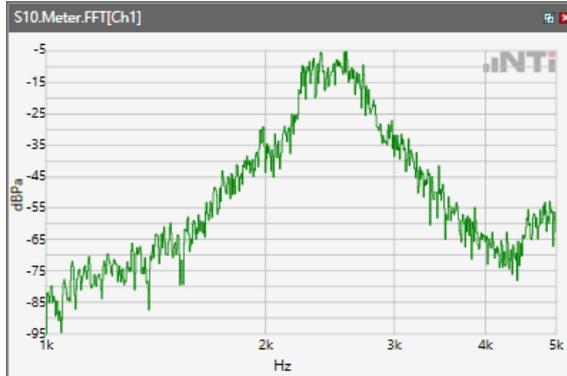


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66

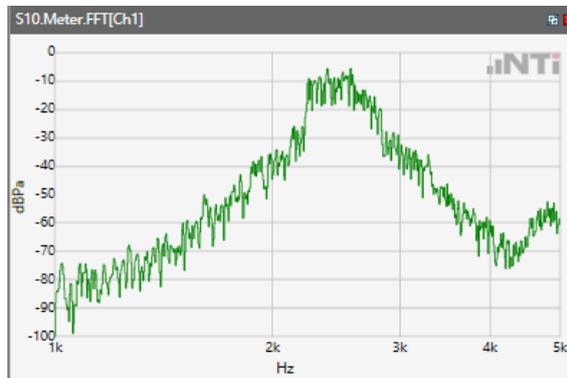


Receive path - distortion and noise 2500Hz WB&NB

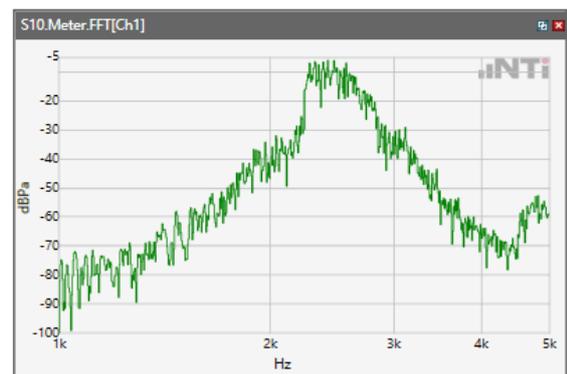
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



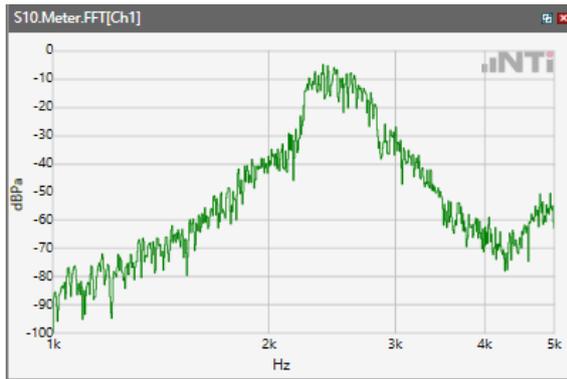
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



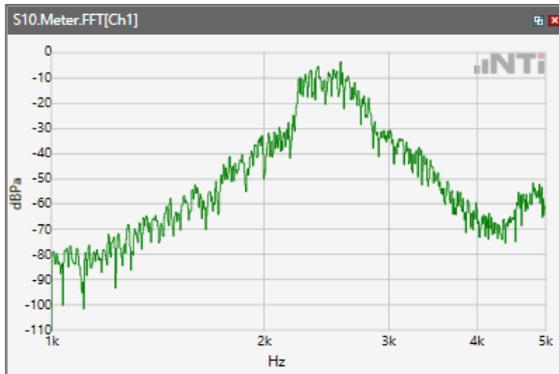
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



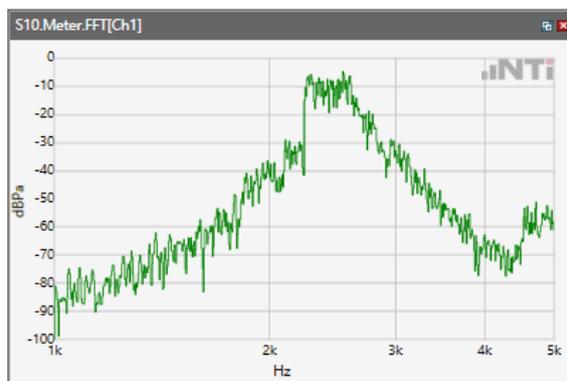
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



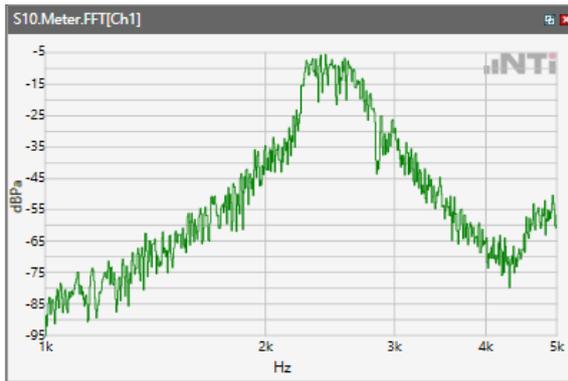
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



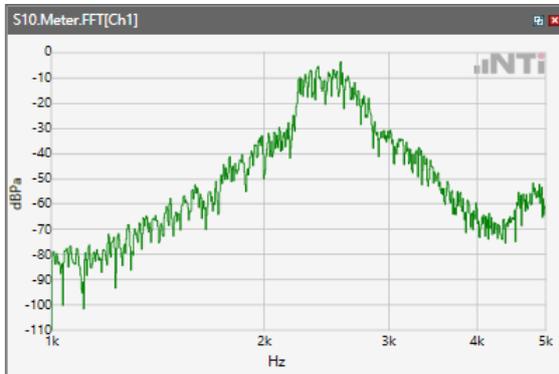
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



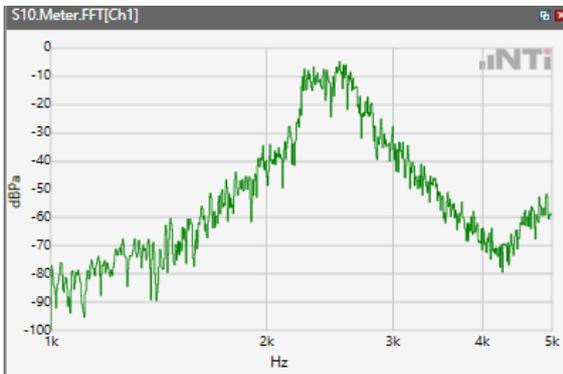
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



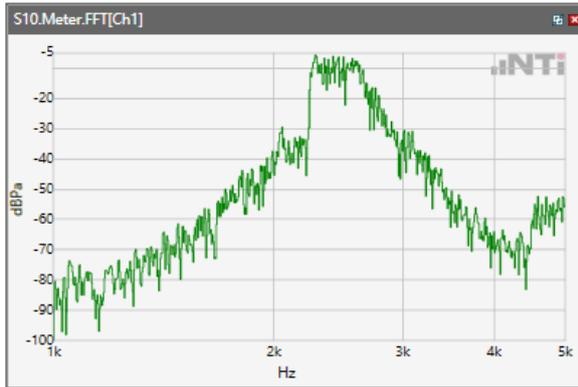
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



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



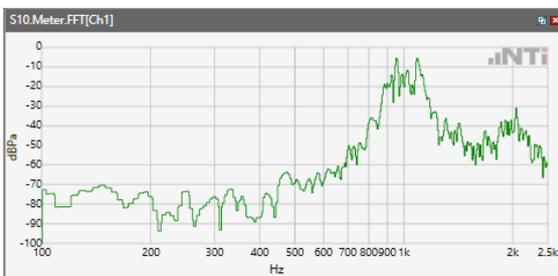
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



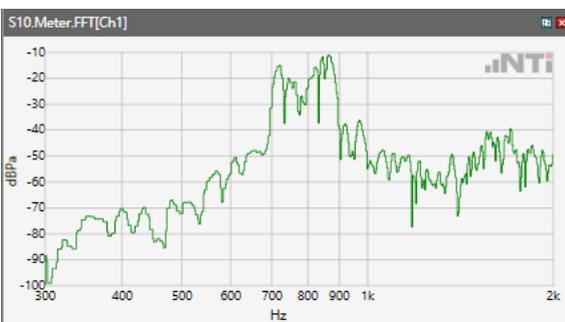
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66



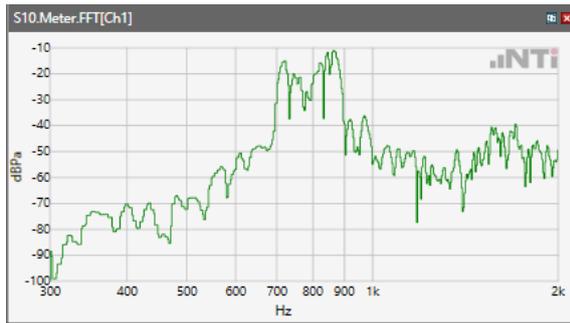
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



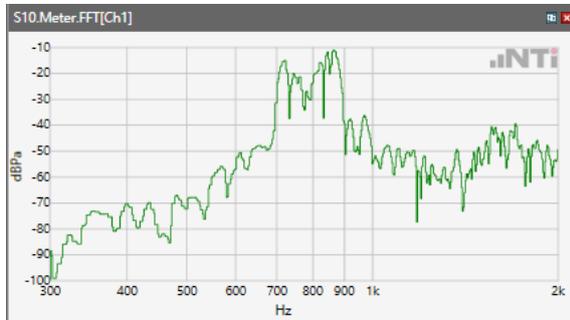
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



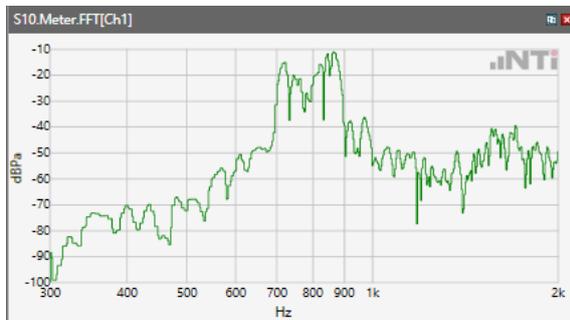
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz

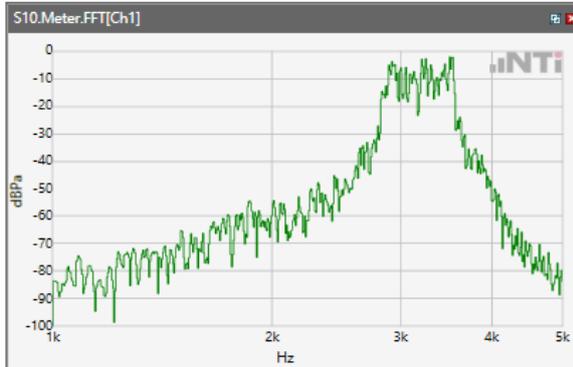


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

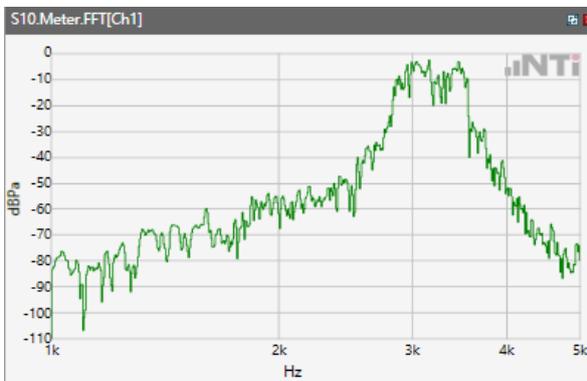


Receive path - distortion and noise 3150Hz WB&NB

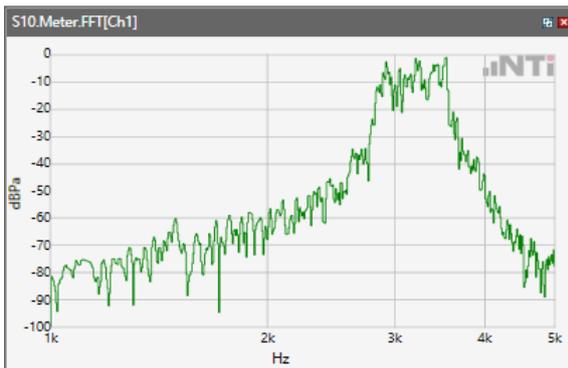
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



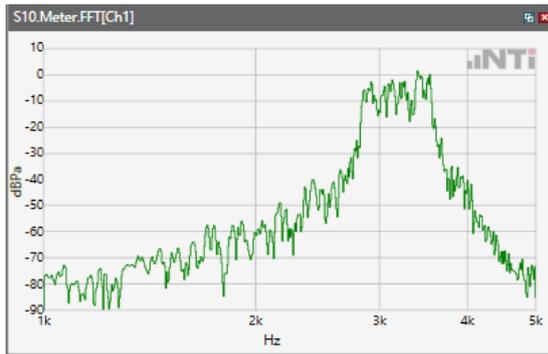
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



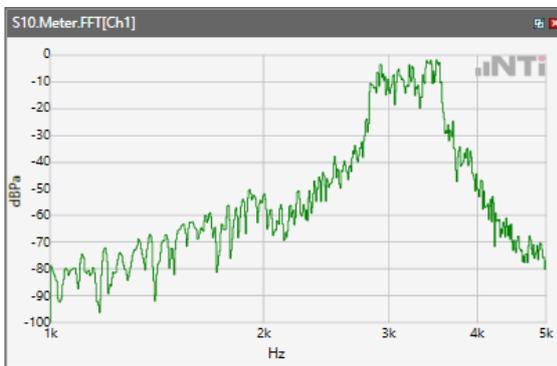
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



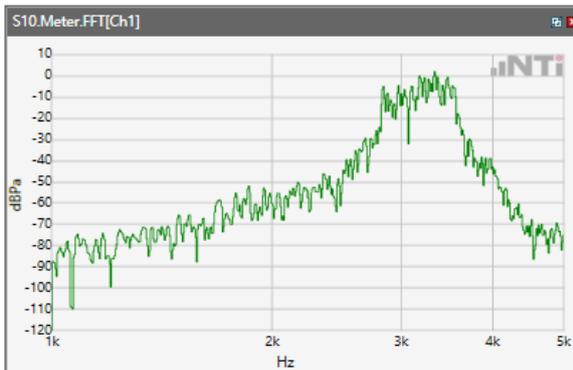
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



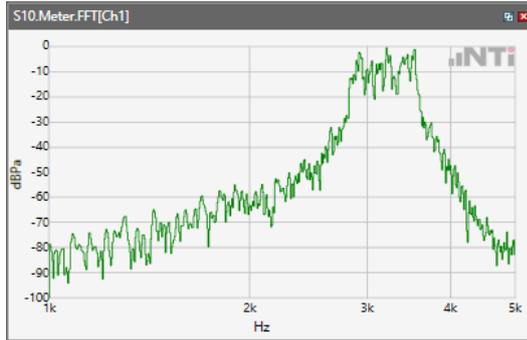
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



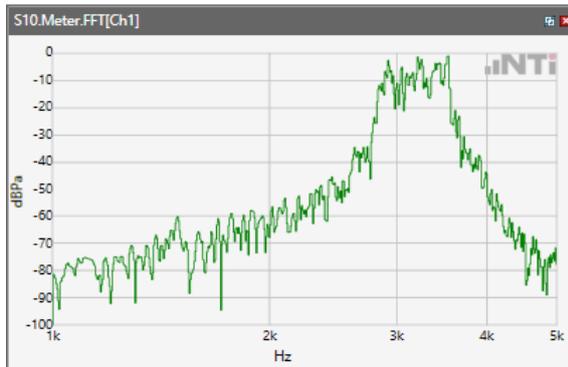
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



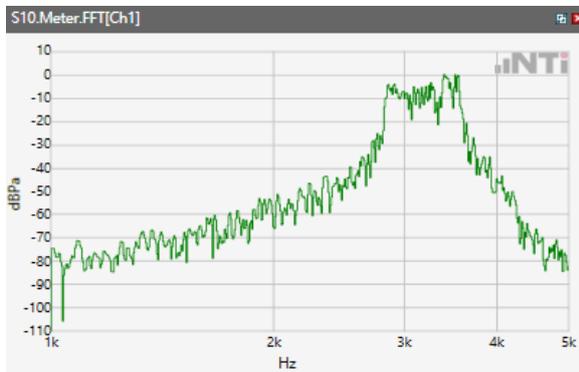
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



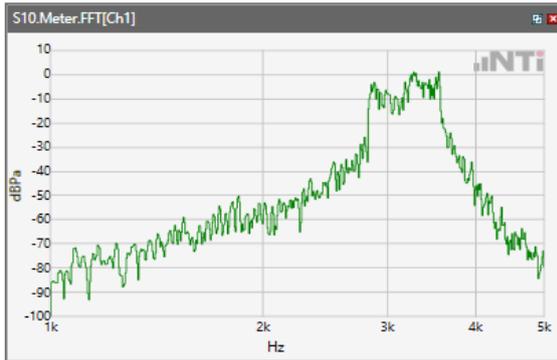
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



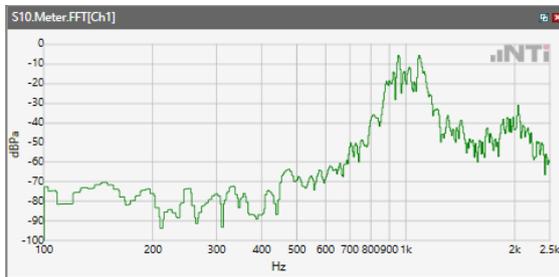
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



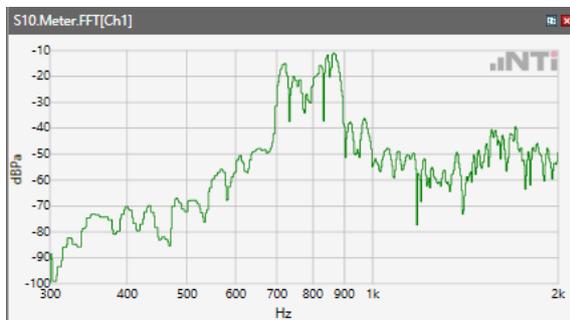
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 66



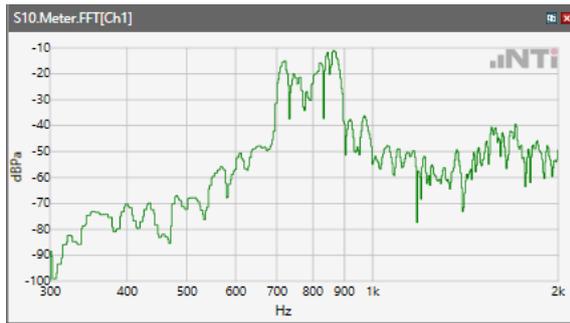
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE BAND 71



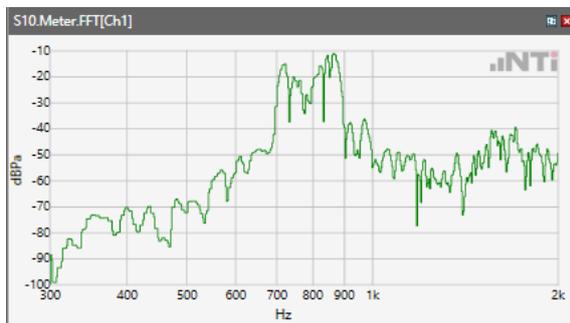
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



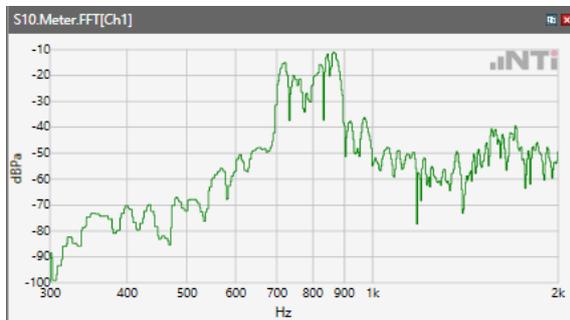
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



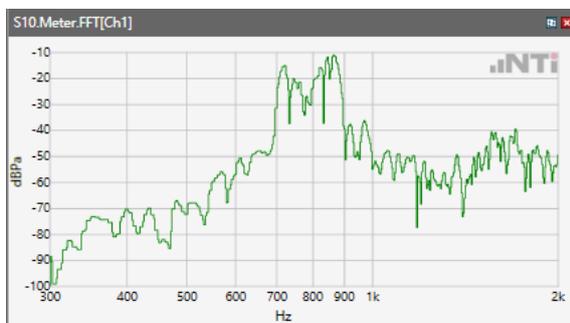
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

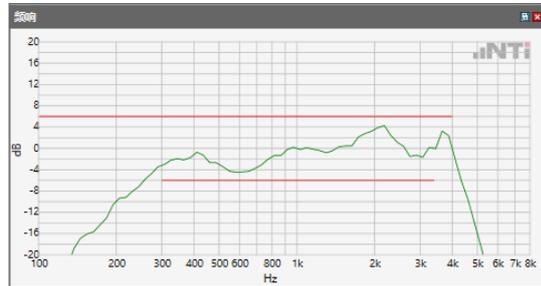


5.2 Receive path – distortion and noise

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

5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

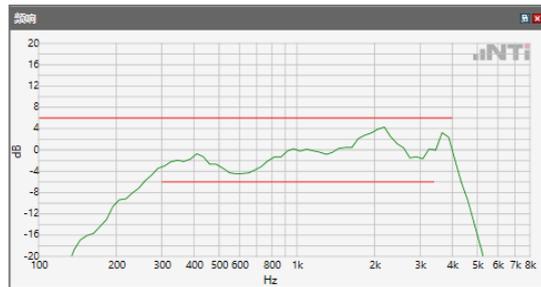
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

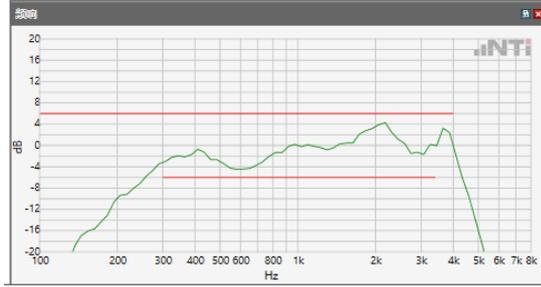
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

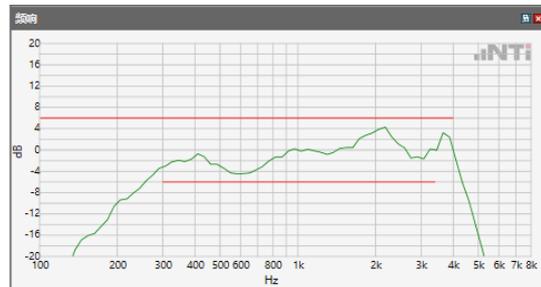
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

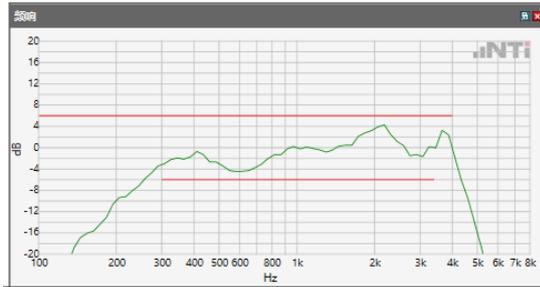
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

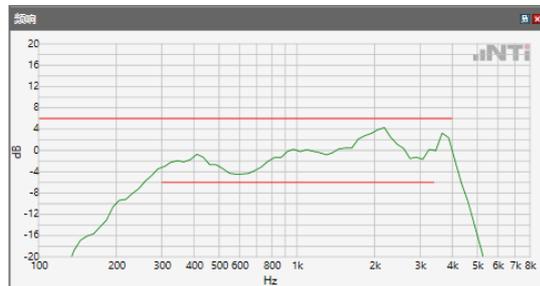
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

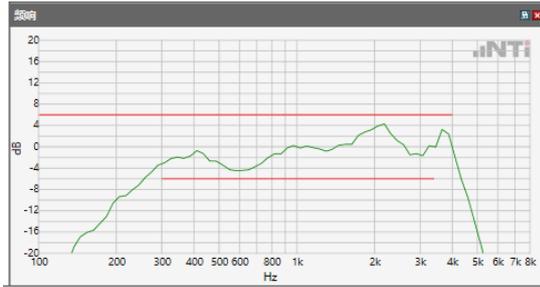
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 5



Absolute minimal distance

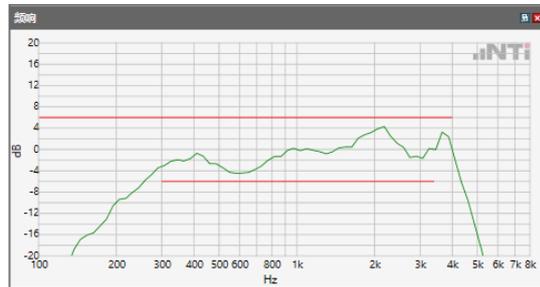
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

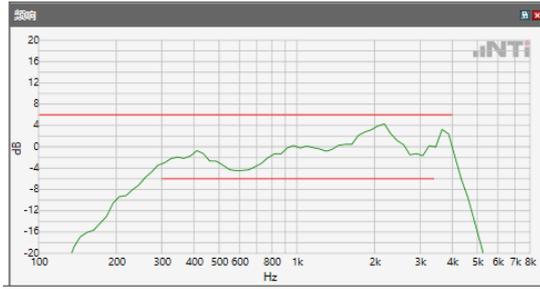
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

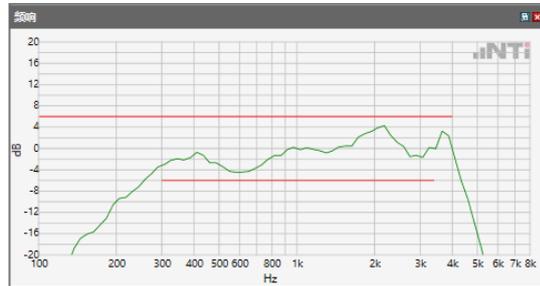
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band13



Absolute minimal distance

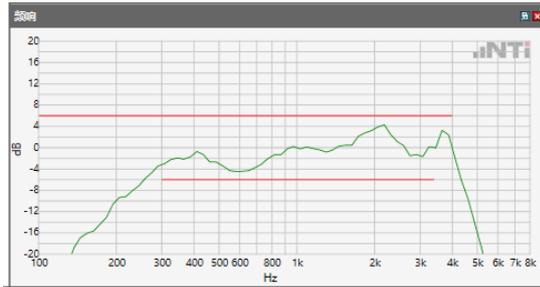
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

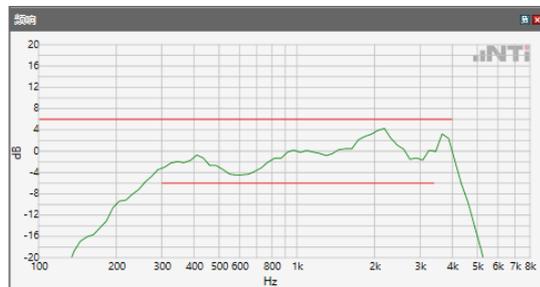
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

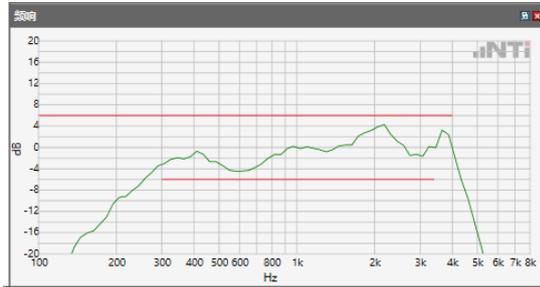
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.2GHz



Absolute minimal distance

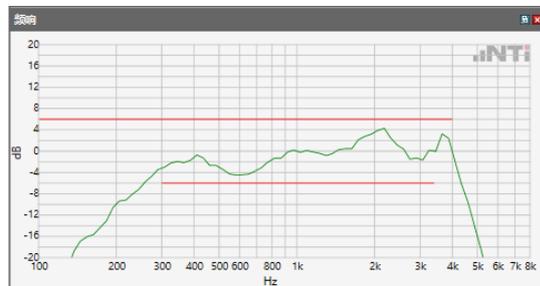
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.2GHz



Absolute minimal distance

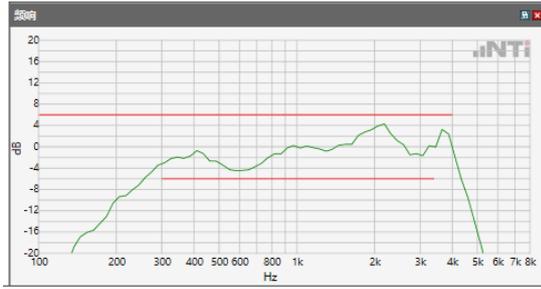
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.3GHz



Absolute minimal distance

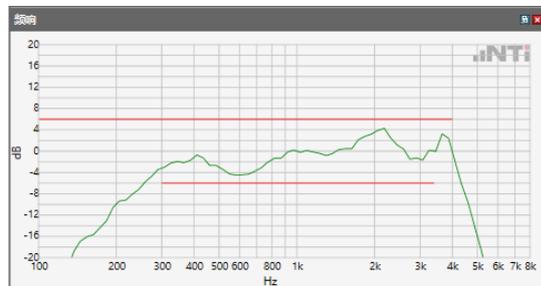
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.5GHz



Absolute minimal distance

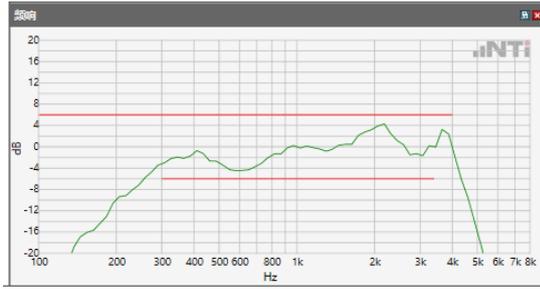
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ WLAN 5.8GHz



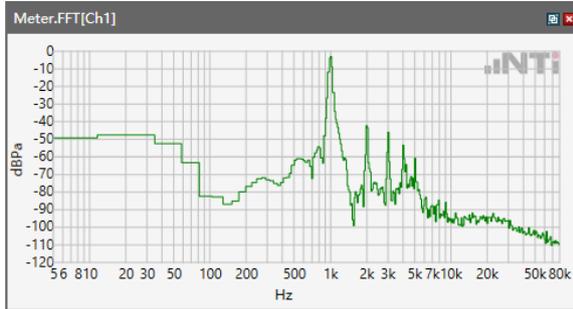
Absolute minimal distance

OK

OK

5.1 Receive Volume Control Performance 8N---WB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ GSM 850



Speech Level RCV: 99.53 dB[SPL]

Calculated Value: 29.53 dB Ok

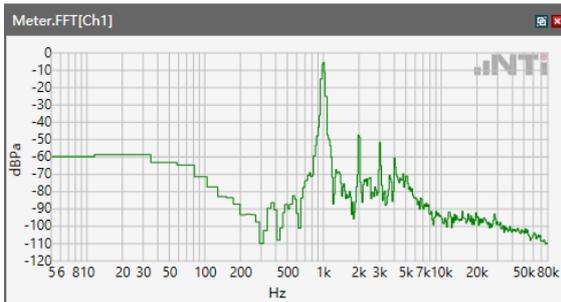
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ GSM 1900



Speech Level RCV: 99.02 dB[SPL]

Calculated Value: 22.02 dB Ok

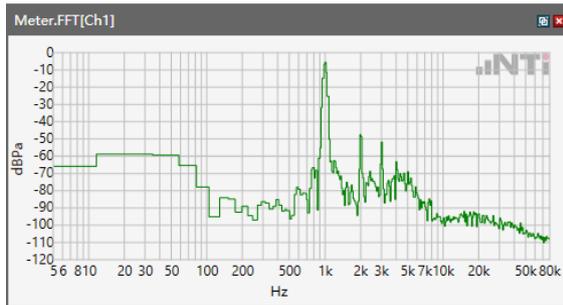
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WCDMA II



Speech Level RCV: 98.84 dB[SPL]

Calculated Value: 28.84 dB Ok

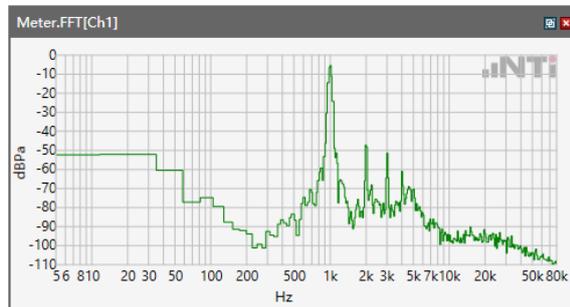
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WCDMA IV



Speech Level RCV: 98.94 dB[SPL]

Calculated Value: 28.94 dB Ok

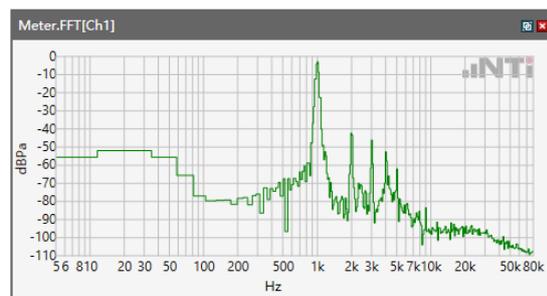
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WCDMA V



Speech Level RCV: 99.1 dB[SPL]

Calculated Value: 29.1 dB Ok

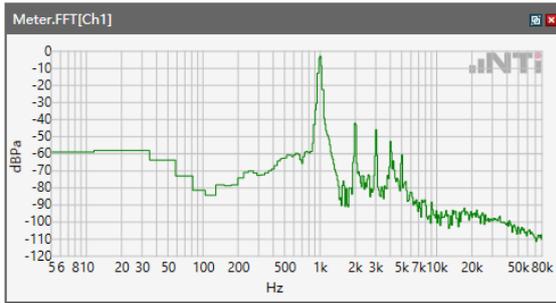
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 2



Speech Level RCV: 98.57 dB[SPL]

Calculated Value: 28.57 dB Ok

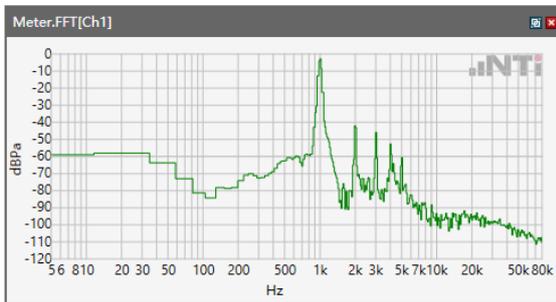
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 5



Speech Level RCV: 98.76 dB[SPL]

Calculated Value: 28.76 dB Ok

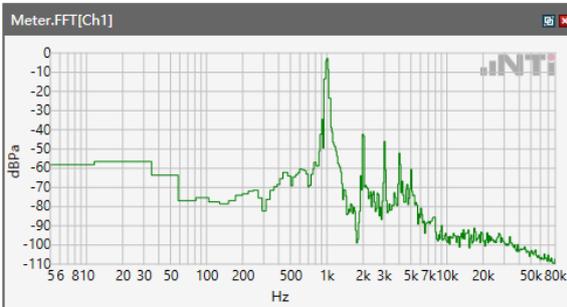
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 7



Speech Level RCV: 101.35 dB[SPL]

Calculated Value: 31.35 dB Ok

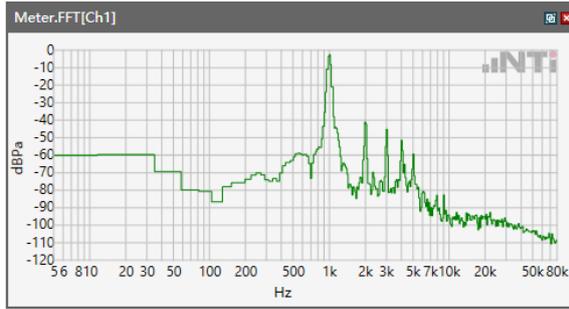
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 12



Speech Level RCV: 98.12 dB[SPL]

Calculated Value: 28.12 dB Ok

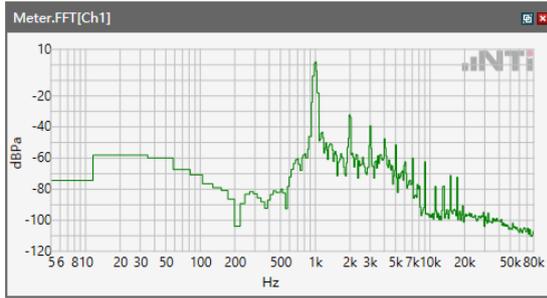
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 13



Speech Level RCV: 98.09 dB[SPL]

Calculated Value: 28.09 dB Ok

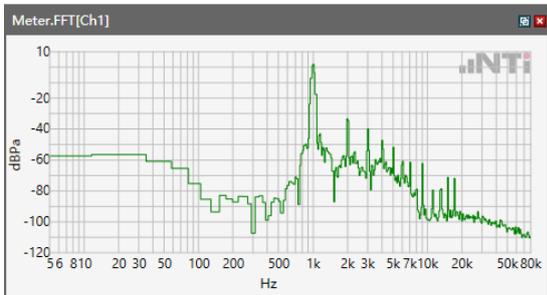
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 66



Speech Level RCV: 98.93 dB[SPL]

Calculated Value: 28.93 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 71



Speech Level RCV: 98.71 dB[SPL]

Calculated Value: 28.71 dB Ok

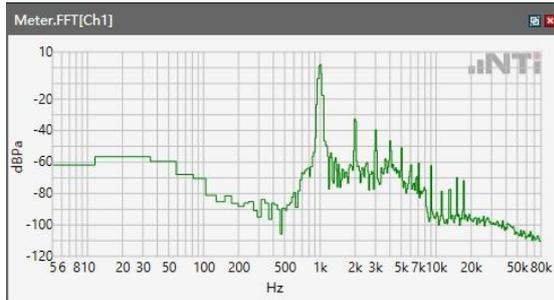
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WLAN 2.4GHz



Speech Level RCV: 97.48 dB[SPL]

Calculated Value: 27.48 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WLAN 5.2GHz



Speech Level RCV: 98.19 dB[SPL]

Calculated Value: 28.19 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WLAN 5.3GHz



Speech Level RCV: 99.61 dB[SPL]

Calculated Value: 29.61 dB Ok

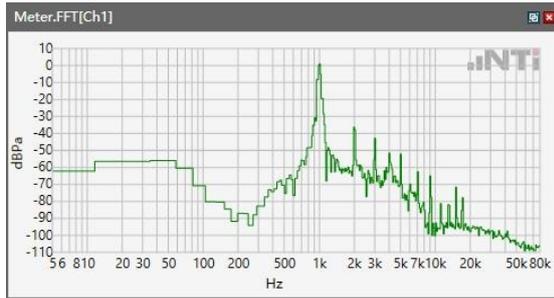
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WLAN 5.5GHz



Speech Level RCV: 98.16 dB[SPL]

Calculated Value: 28.16 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 Kbps \ WLAN 5.8GHz

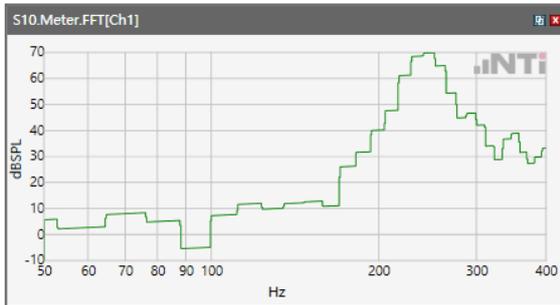


Speech Level RCV: 97.21 dB[SPL]

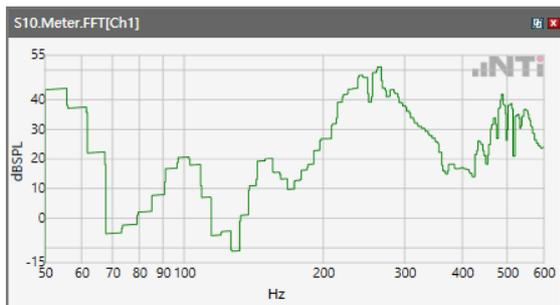
Calculated Value: 27.21 dB Ok

Receive path - distortion and noise 250 WB only

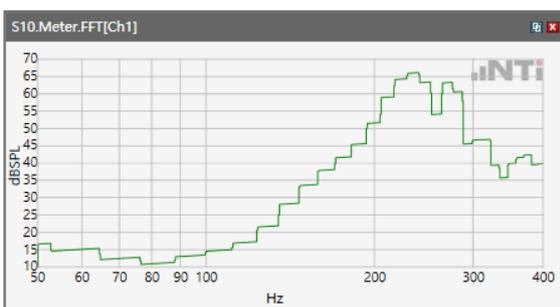
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



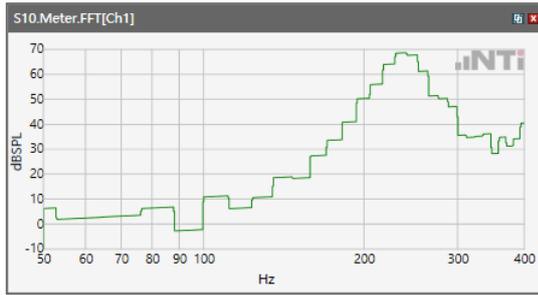
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



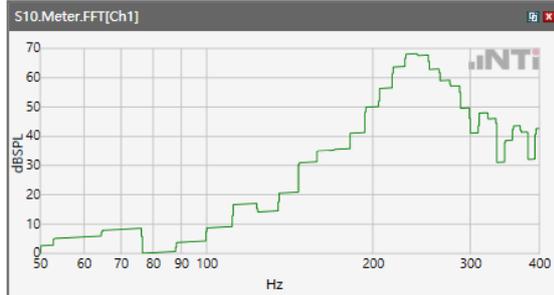
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCMDA IV



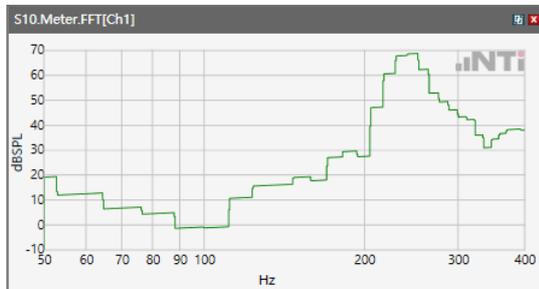
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



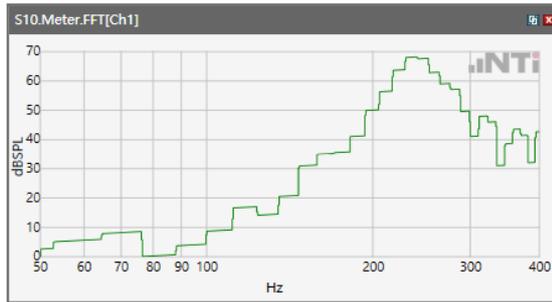
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



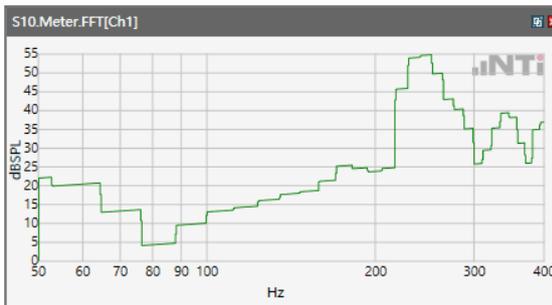
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



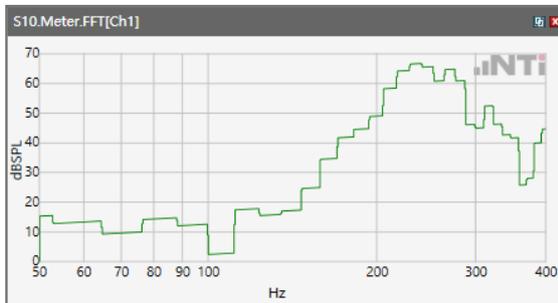
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



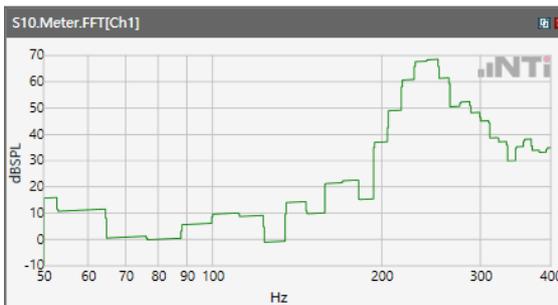
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



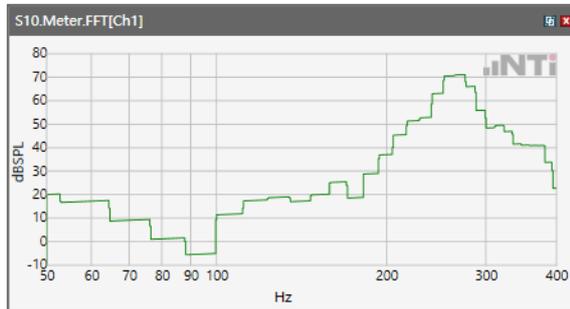
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



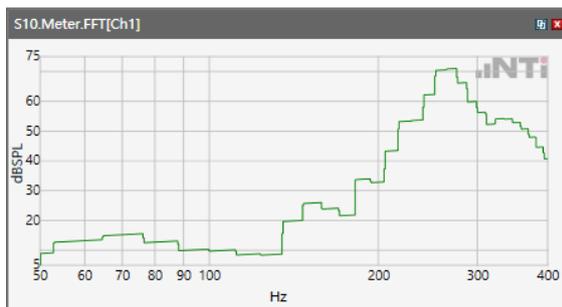
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



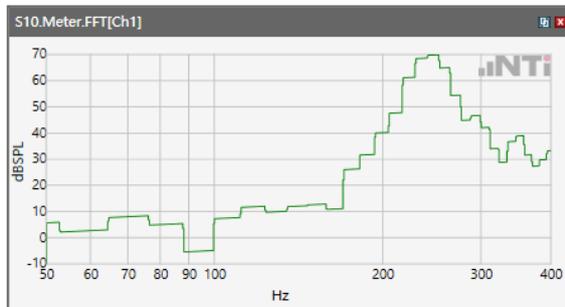
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 71



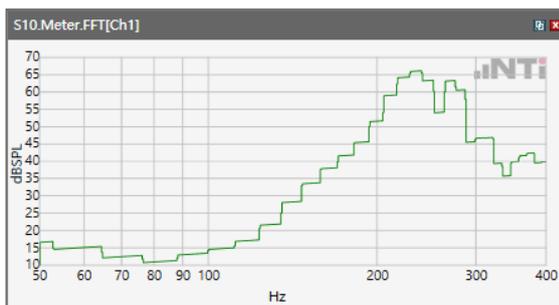
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN WLAN 5.2GHz



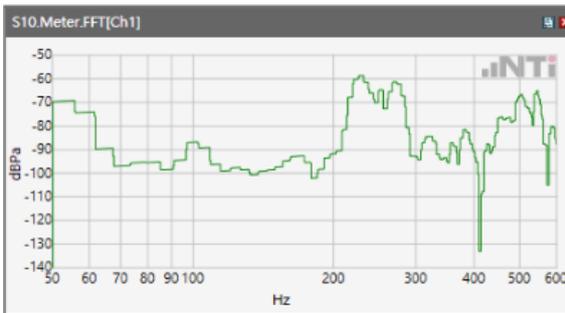
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN
WLAN 5.5GHz

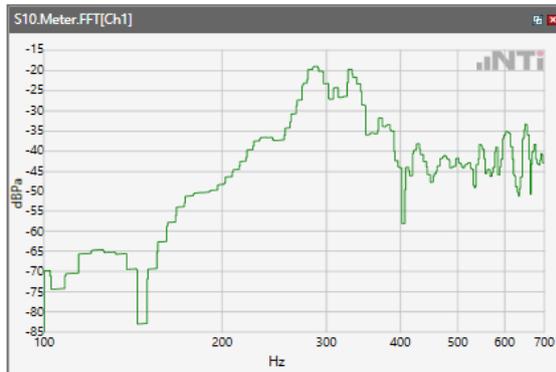


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN
WLAN 5.8GHz

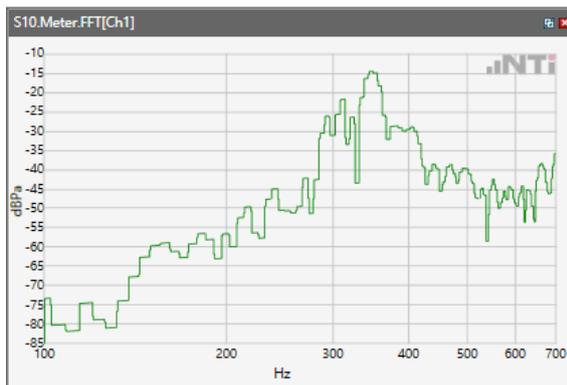


Receive path - distortion and noise 315Hz WB only

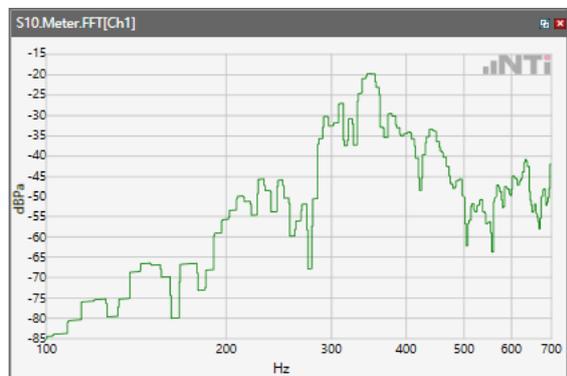
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



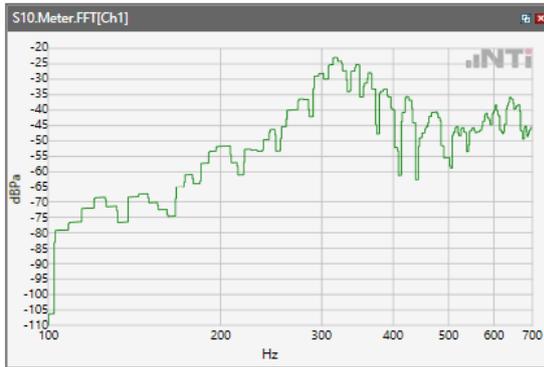
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



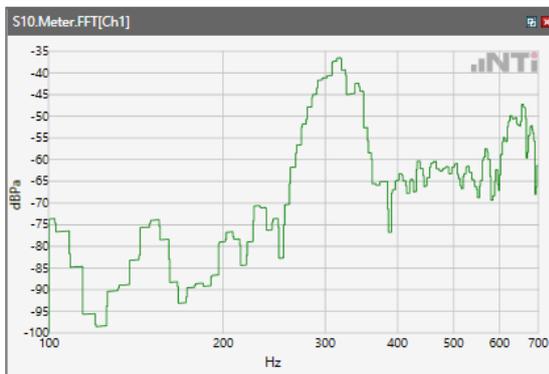
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



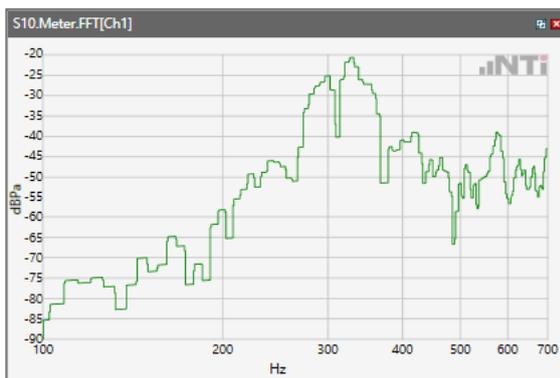
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA IV



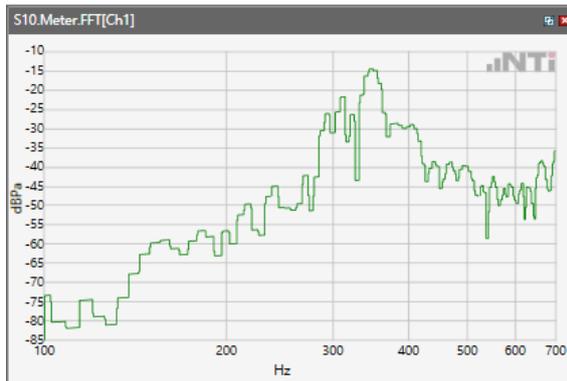
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA V



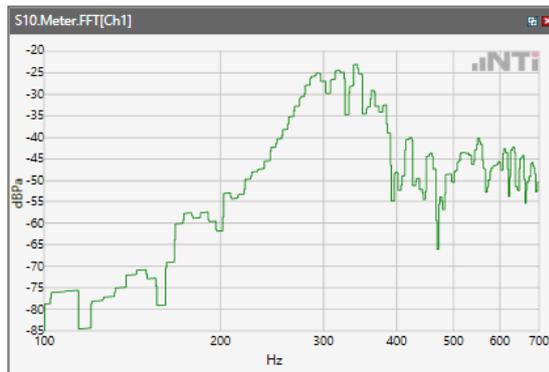
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



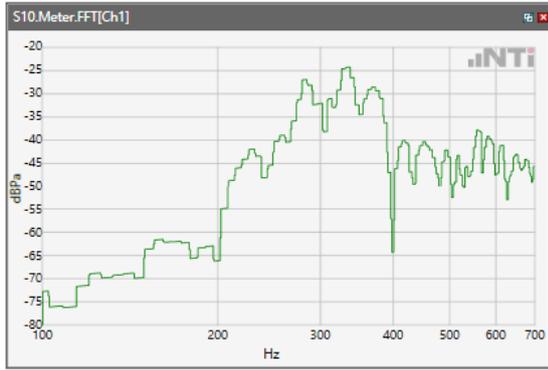
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



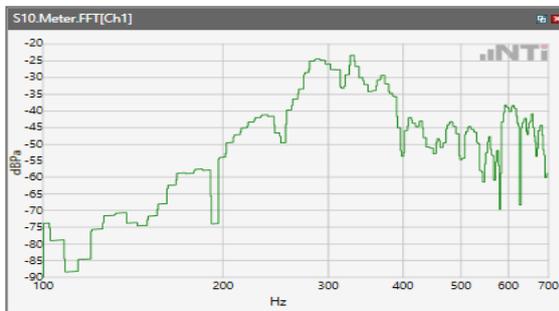
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 66



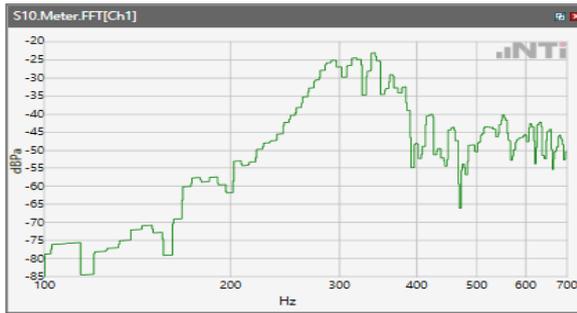
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 71



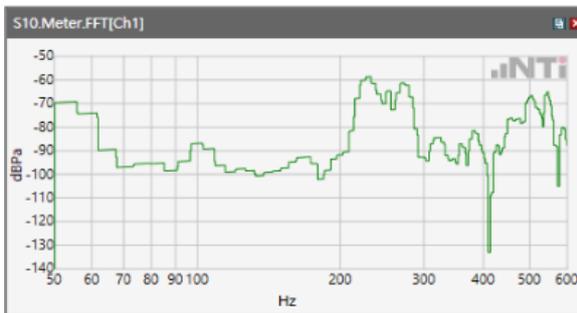
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.2GHz



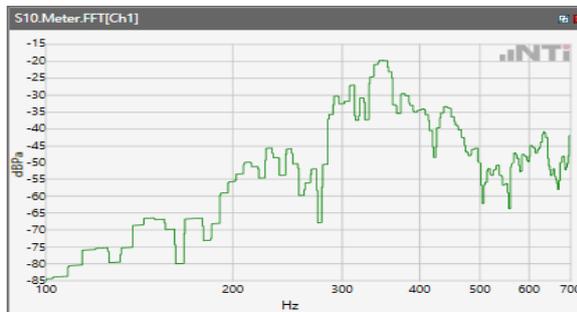
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.8GHz

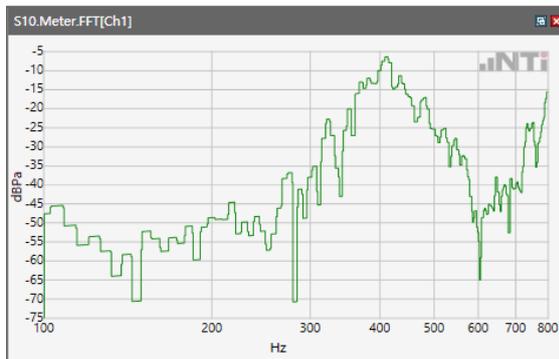


Receive path - distortion and noise 400Hz WB&NB

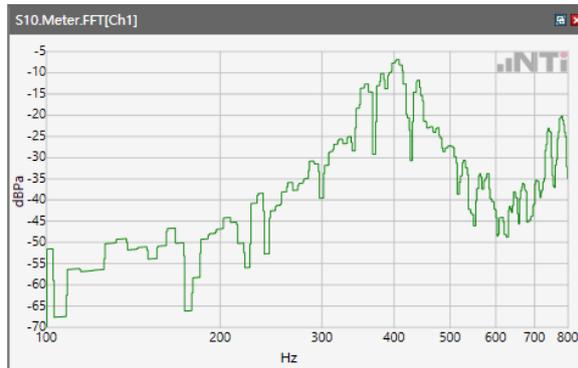
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



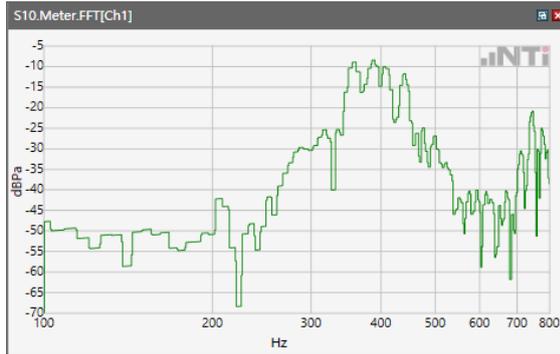
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



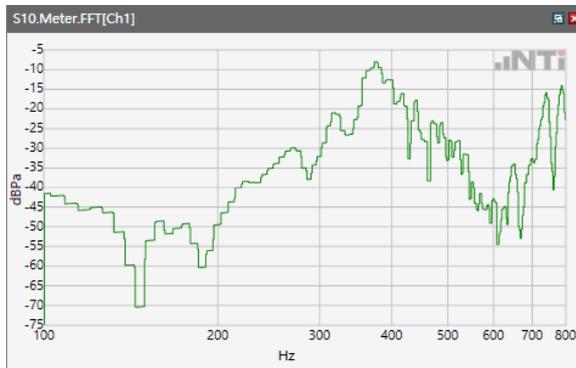
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCMDA II



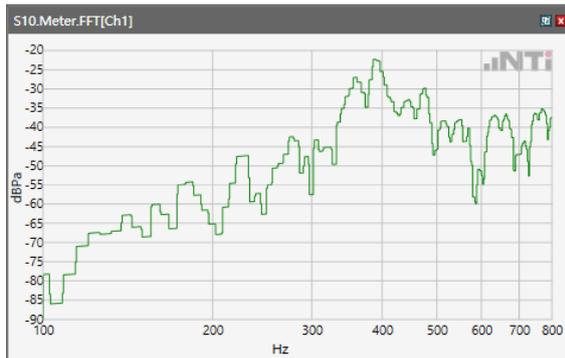
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



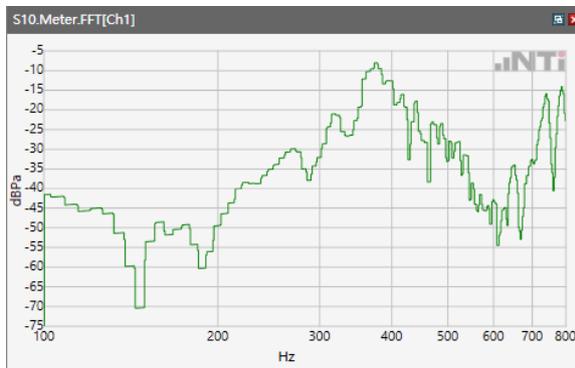
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 5



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 7



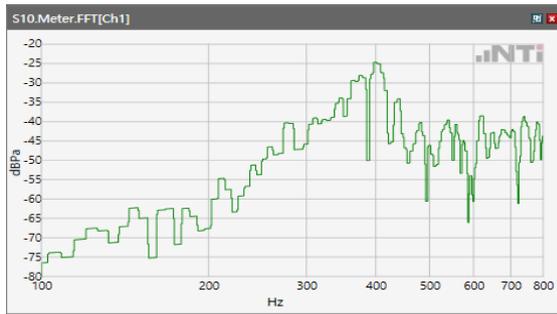
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 12



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 13



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



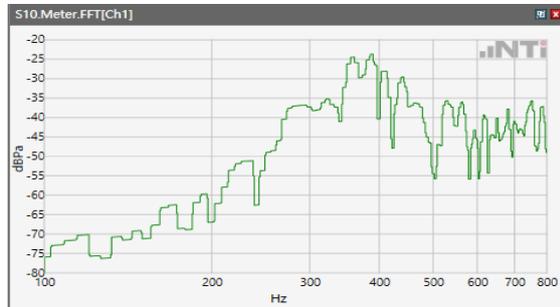
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.5GHz

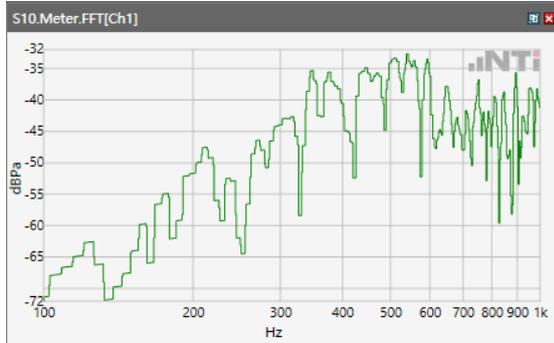


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.8GHz



Receive path - distortion and noise 500Hz WB&NB

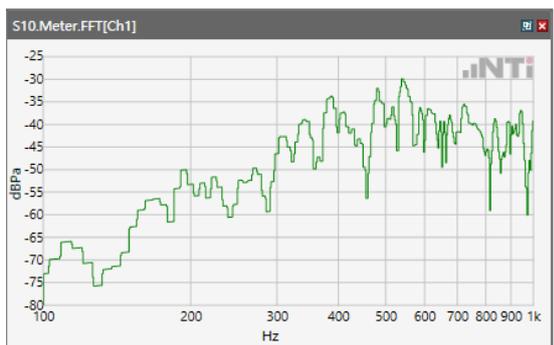
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



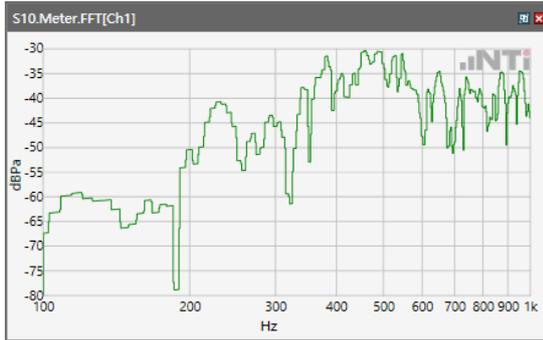
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



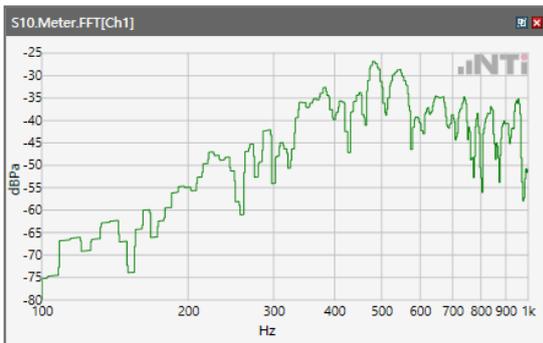
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA IV



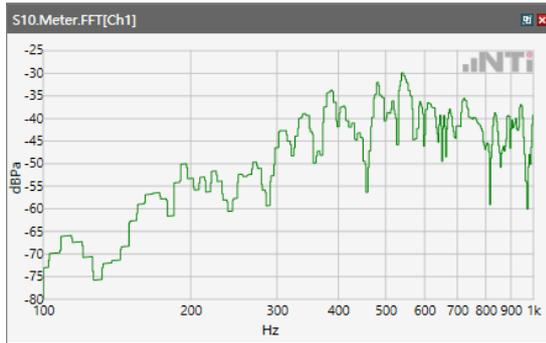
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



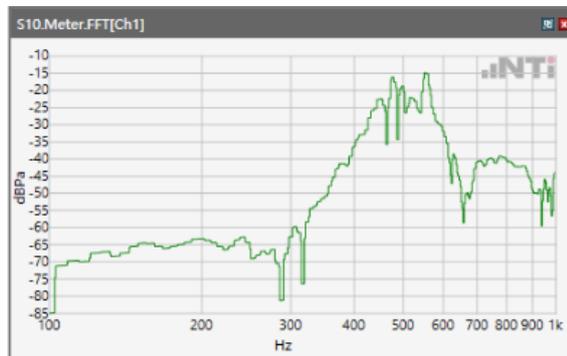
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



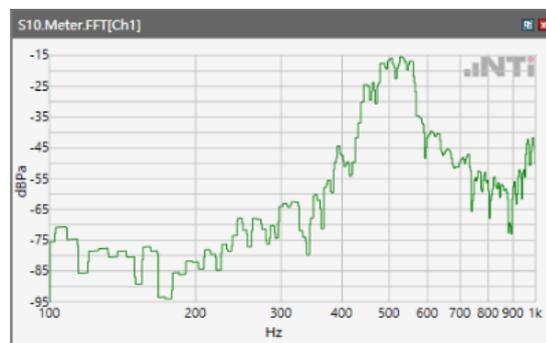
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



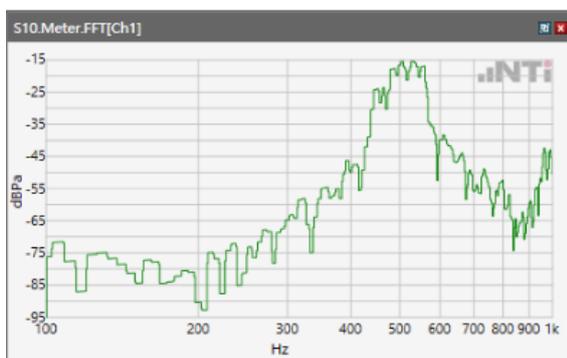
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12

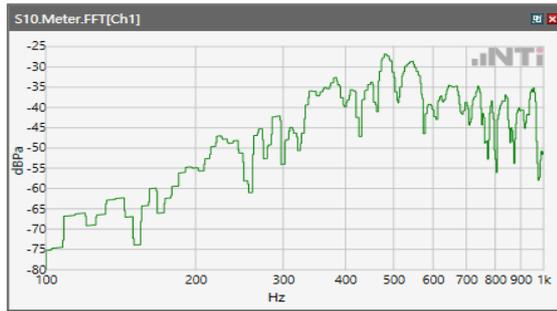


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13

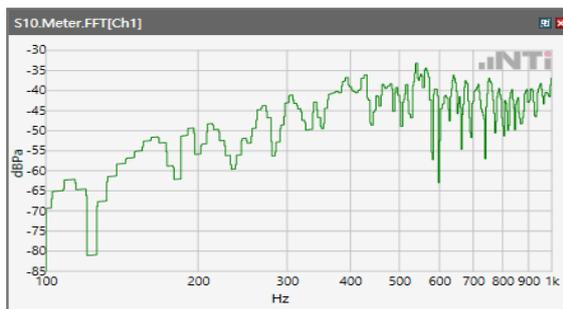




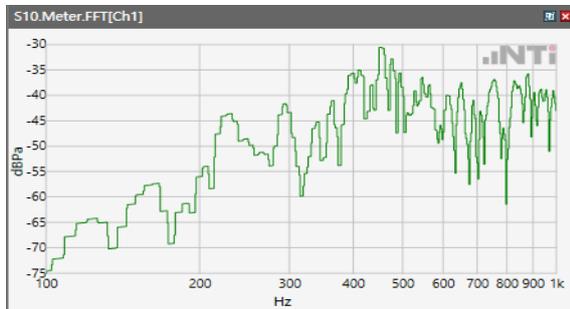
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



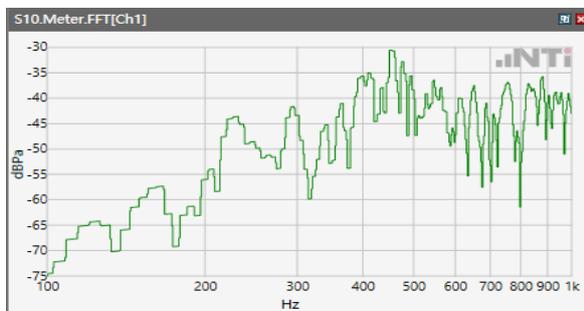
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



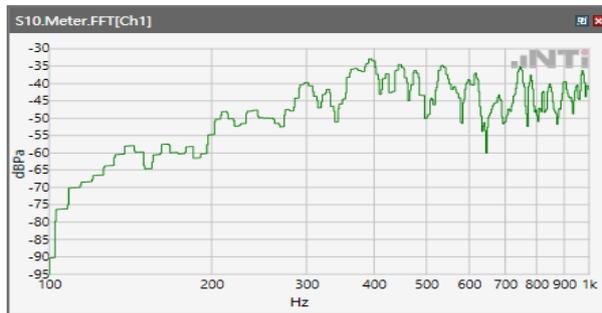
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



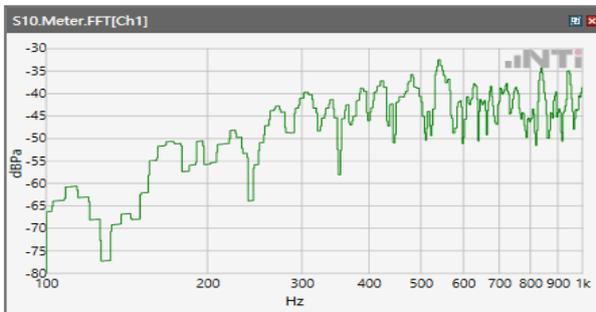
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.5GHz

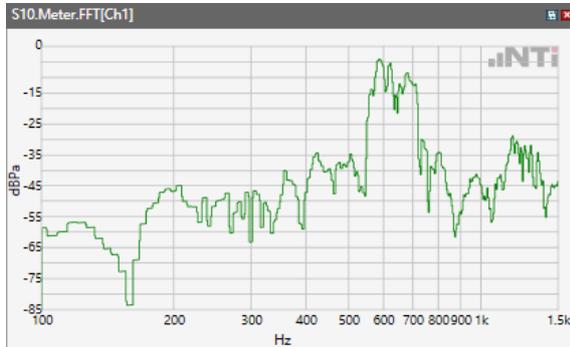


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.8GHz



Receive path - distortion and noise 630Hz WB&NB

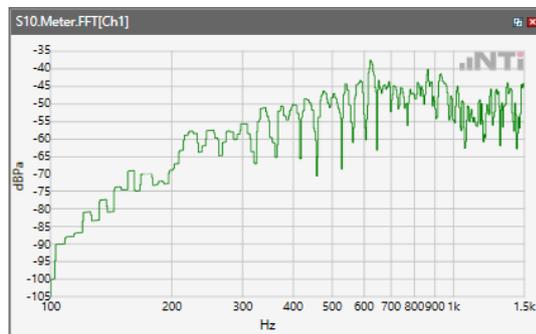
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



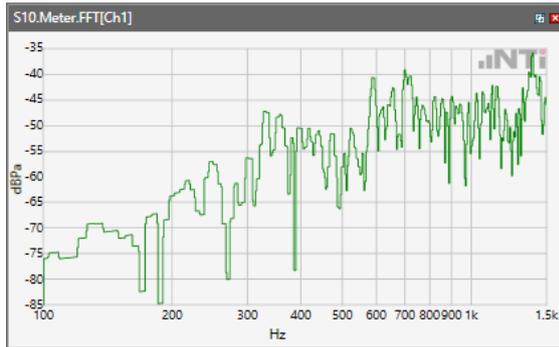
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



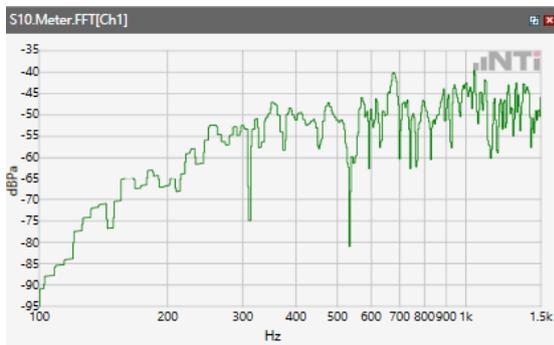
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA IV



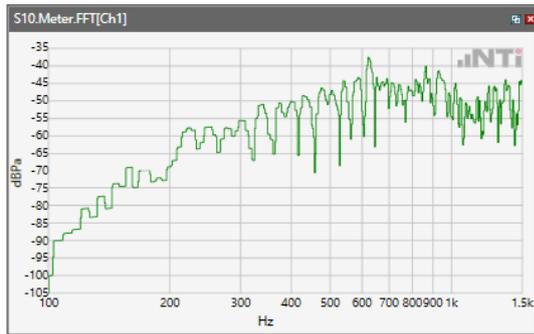
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA V



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 2



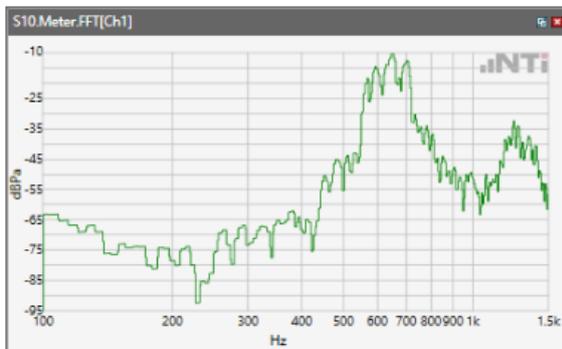
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



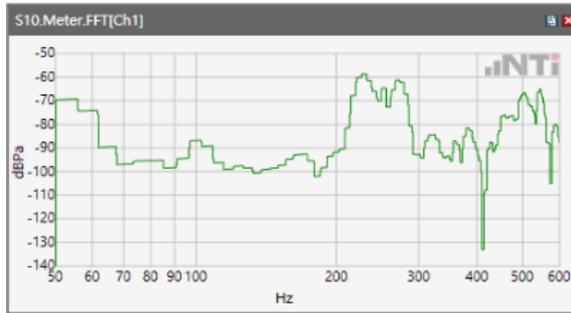
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



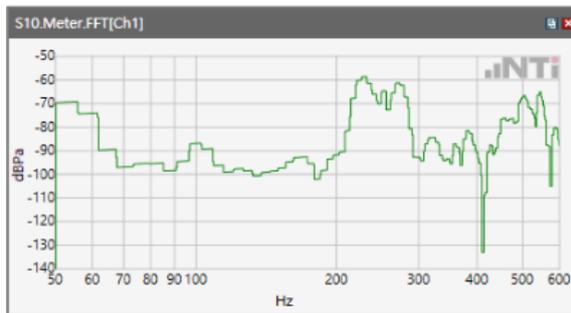
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



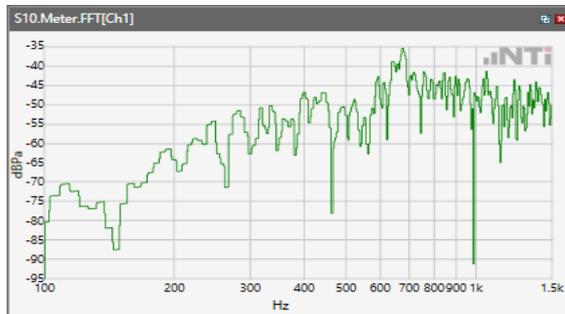
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 66



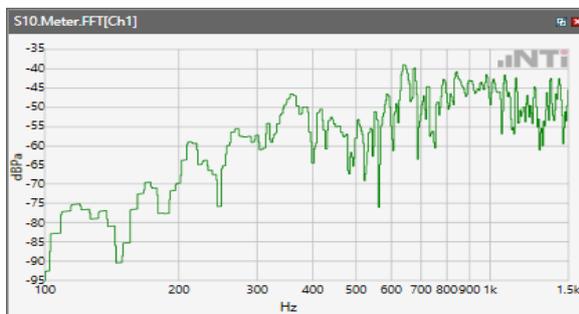
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 71



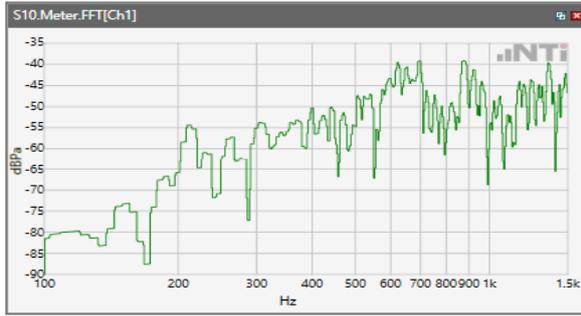
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN 2.4GHz



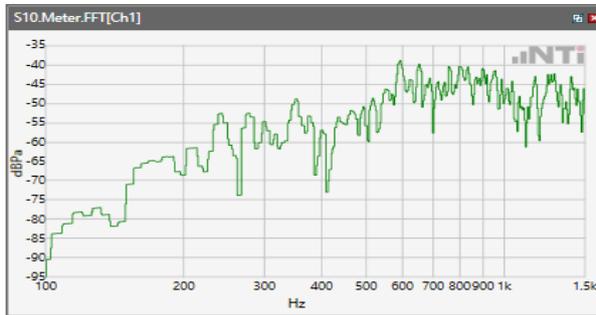
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN 5.2GHz



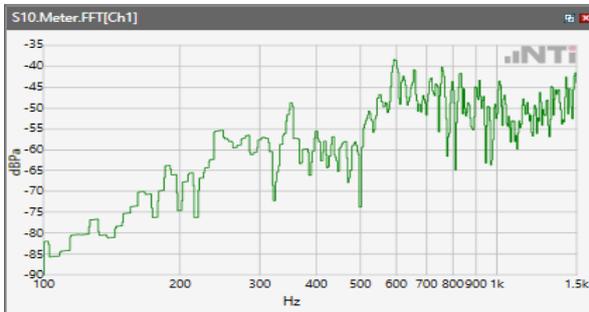
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.5GHz

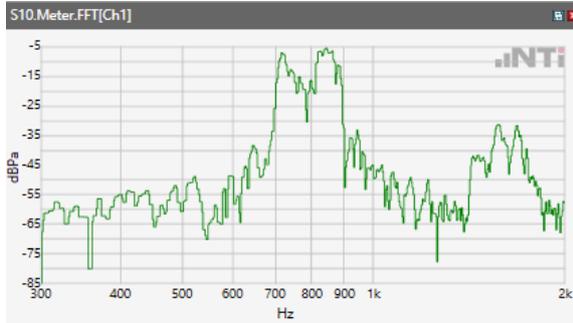


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.8GHz

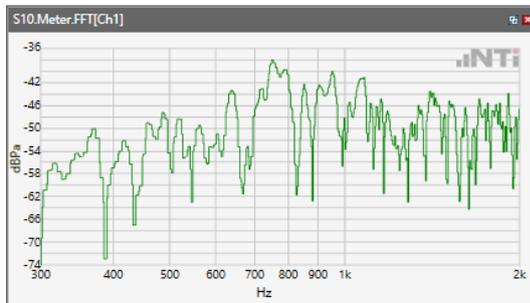


Receive path - distortion and noise 800Hz WB&NB

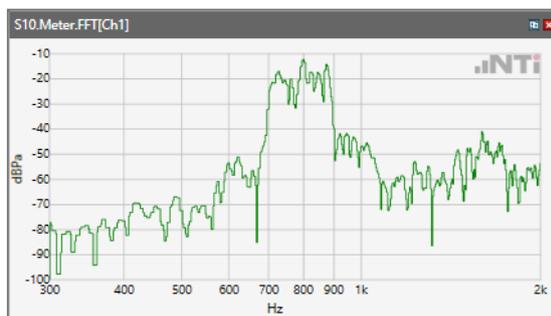
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



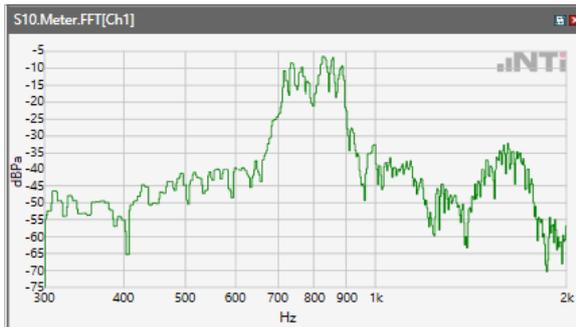
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



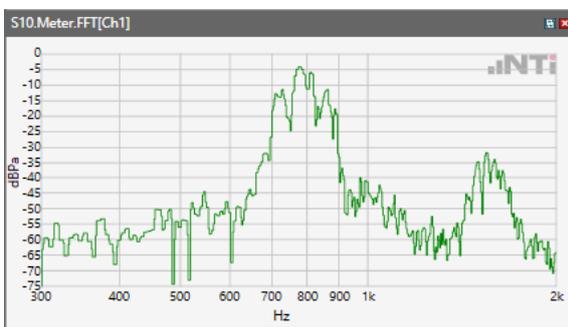
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



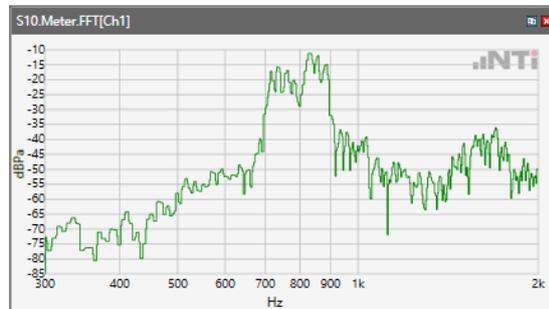
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise\WCDMA IV



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise\WCDMA V



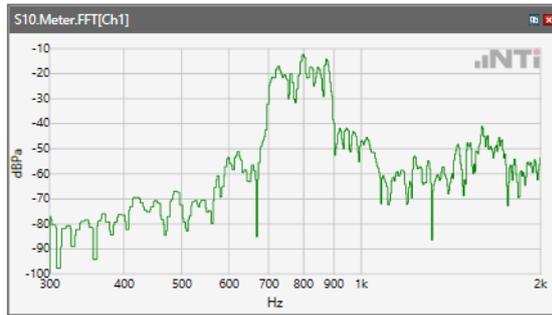
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 5



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



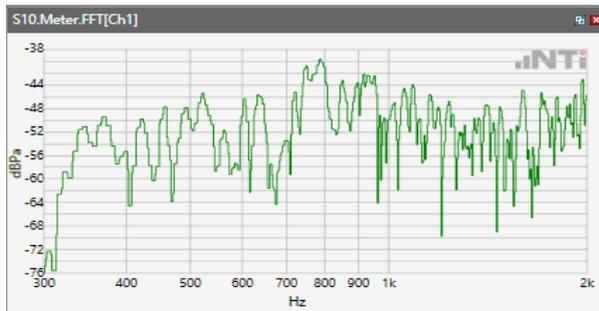
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



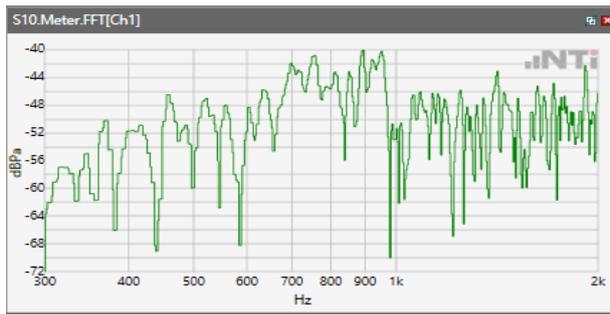
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



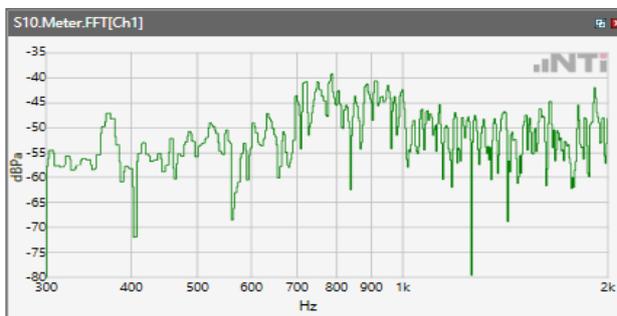
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



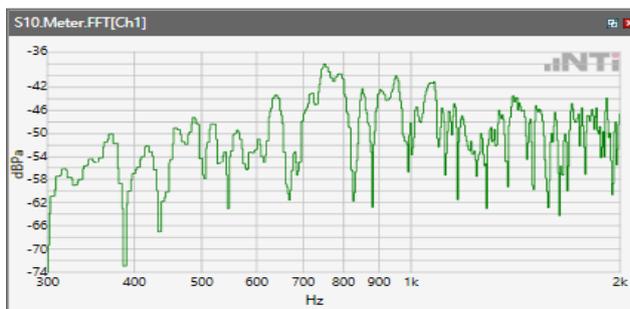
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



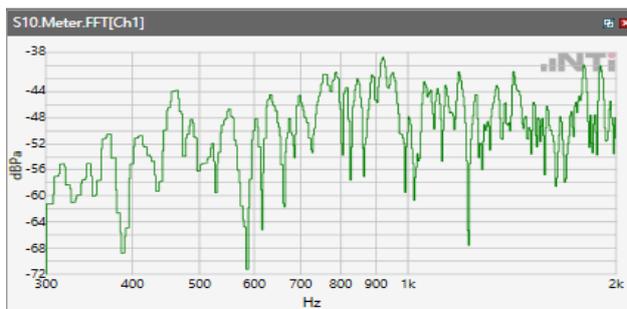
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



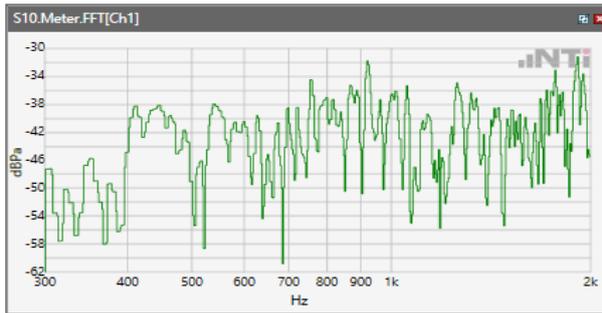
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN WLAN 5.2GHz



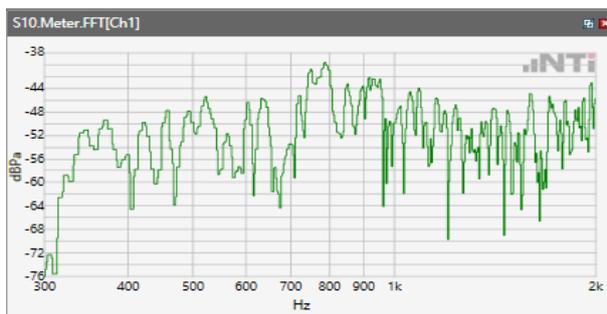
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN
WLAN 5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise \ WLAN
WLAN 5.8GHz

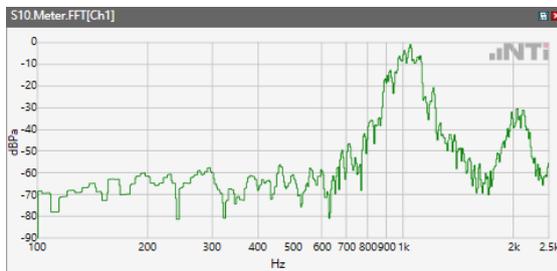


Receive path - distortion and noise 1000Hz WB&NB

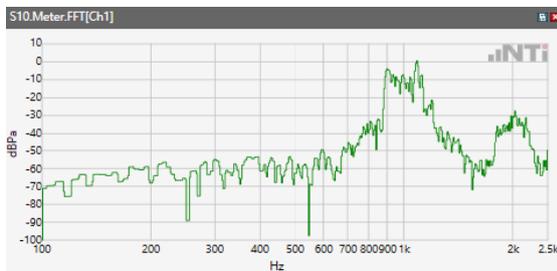
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



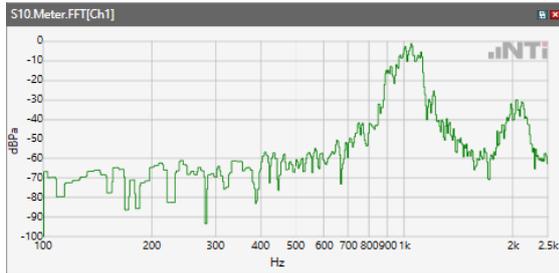
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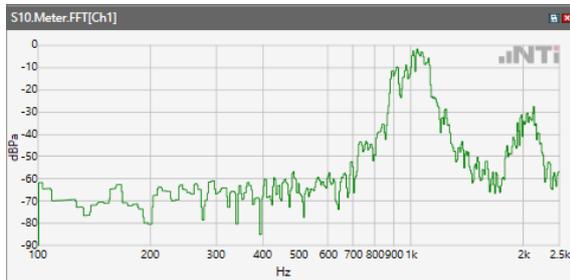
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



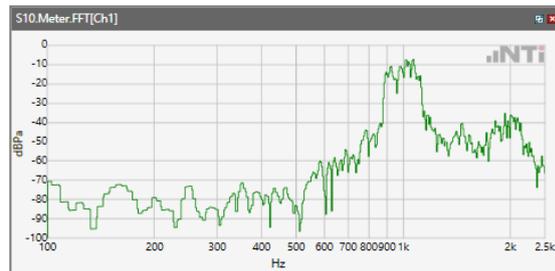
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise\WCDMA IV



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ 5.2 Receive path – distortion and noise\WCDMA V



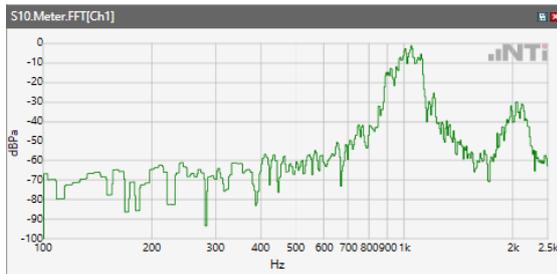
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 2



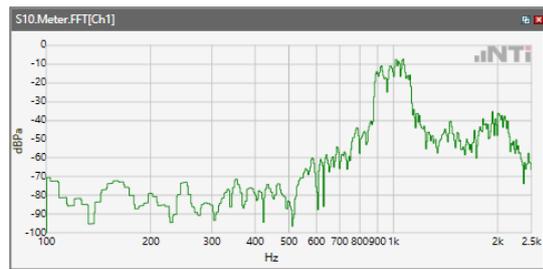
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 5



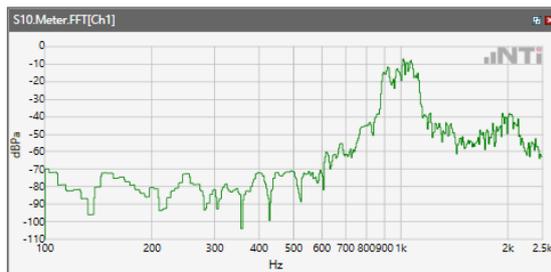
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



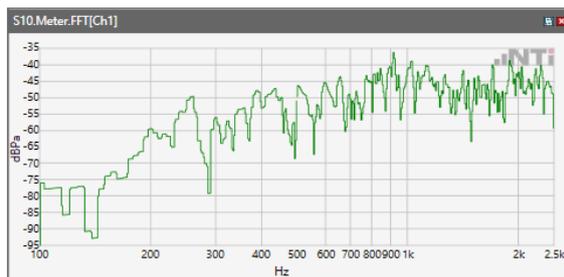
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



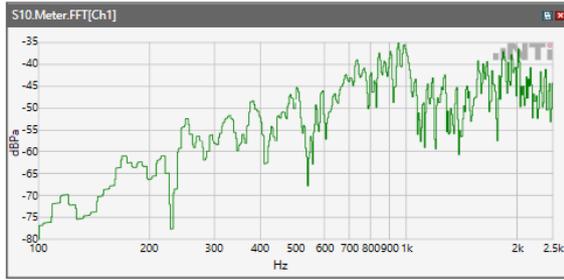
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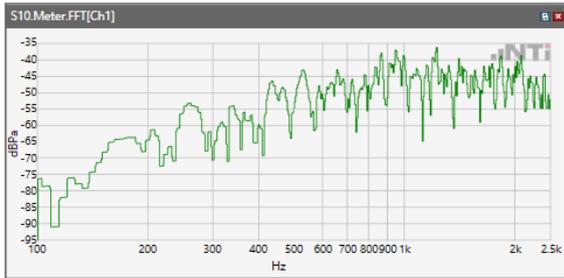
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



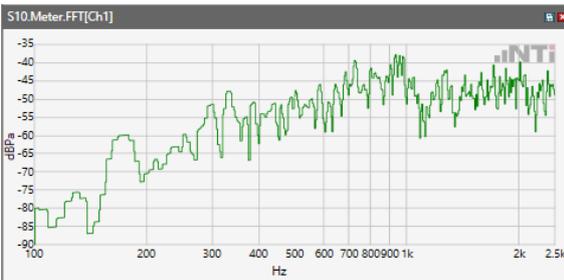
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



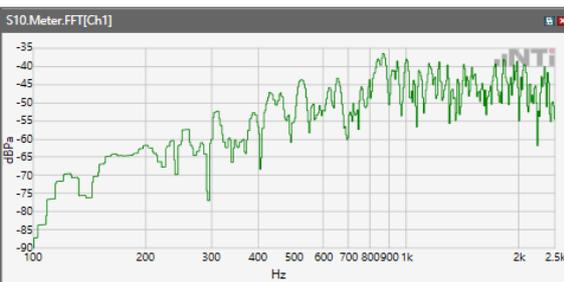
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



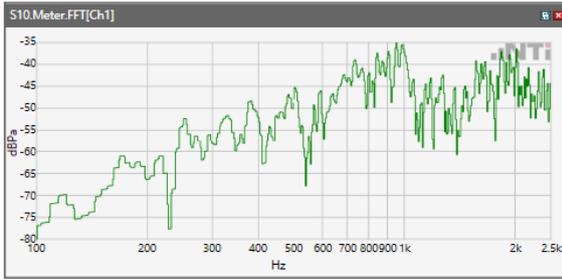
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN WLAN 5.2GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN WLAN 5.3 GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN WLAN 5.5GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\ WLAN
WLAN 5.8GHz

