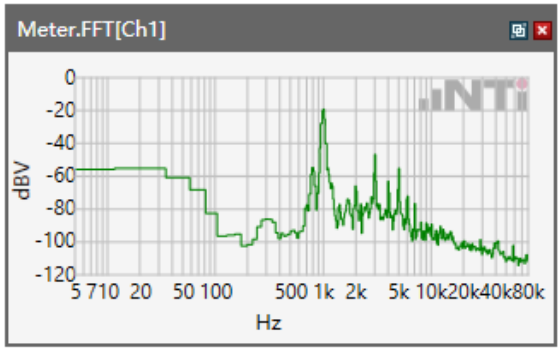
Annex D Test Results of Volume Control

Measurement Protocol

Project	SZ23120301 of TIA 5050 v1
Report Generation Date	2024/05/09

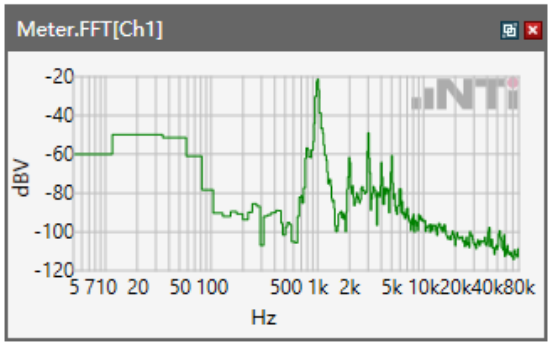
5.1 Receive Volume Control Performance 8N---NB

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



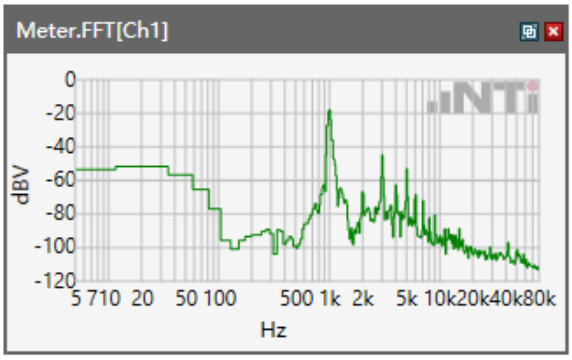
Speech Level RCV: 93.74 dB[SPL]

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



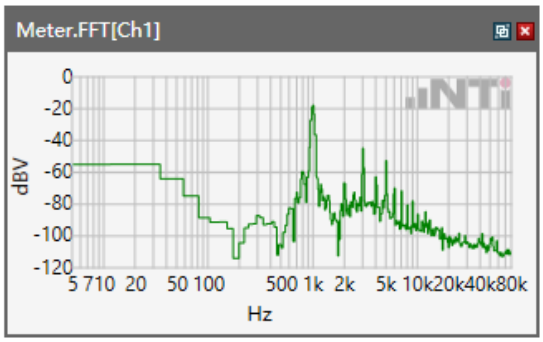
Speech Level RCV: 92.96 dB[SPL]

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



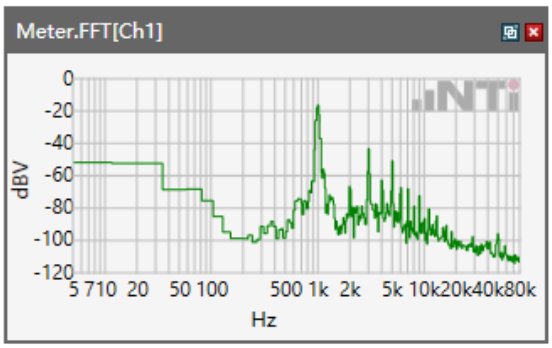
Speech Level RCV: 93.31 dB[SPL]

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



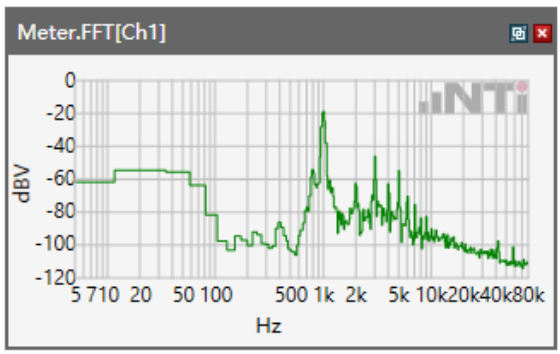
Speech Level RCV: 92.61 dB[SPL]

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



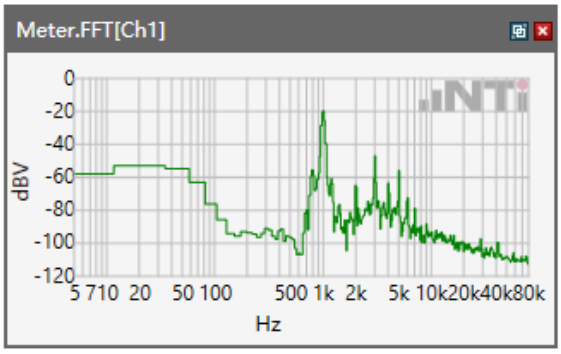
Speech Level RCV: 93.1 dB[SPL]

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



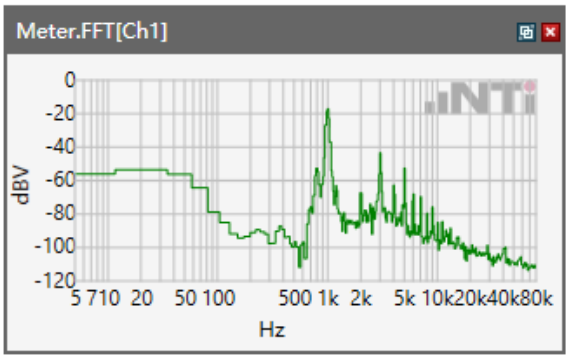
Speech Level RCV: 94.56 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 4



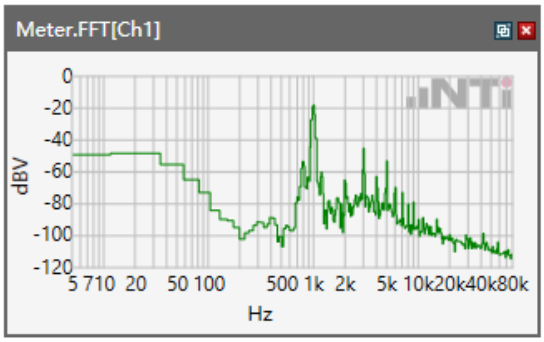
Speech Level RCV: 96.86 dB[SPL]

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



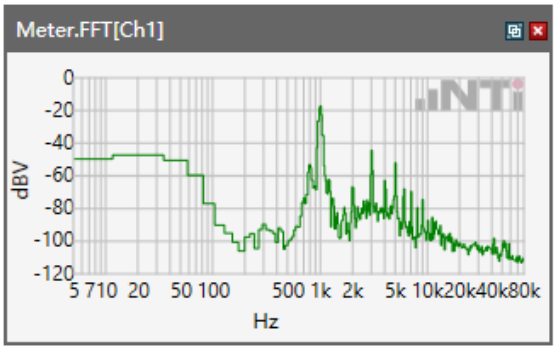
Speech Level RCV: 97.46 dB[SPL]

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



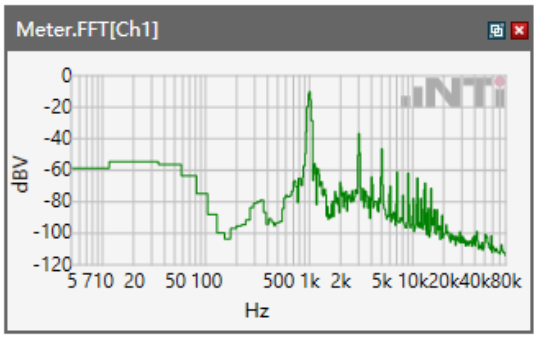
Speech Level RCV: 92.46 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 17



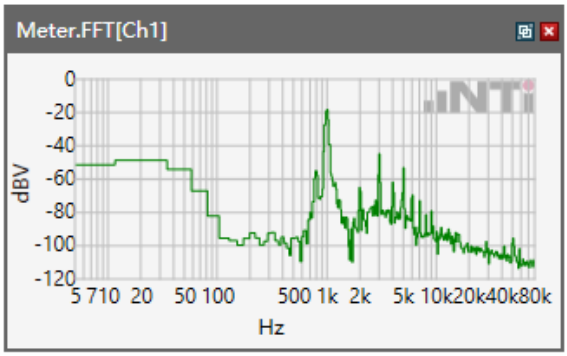
Speech Level RCV: 96.62 dB[SPL]

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



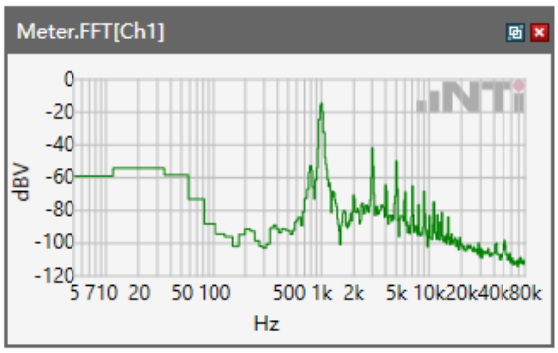
Speech Level RCV: 98.41 dB[SPL]

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



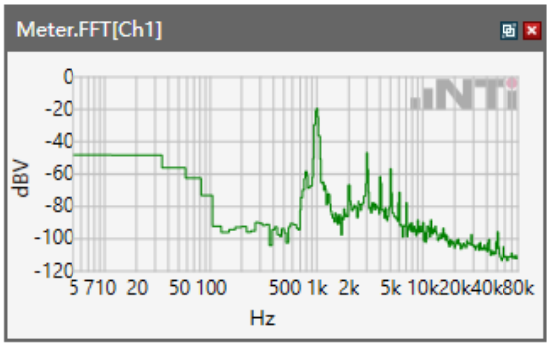
Speech Level RCV: 98.08 dB[SPL]

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



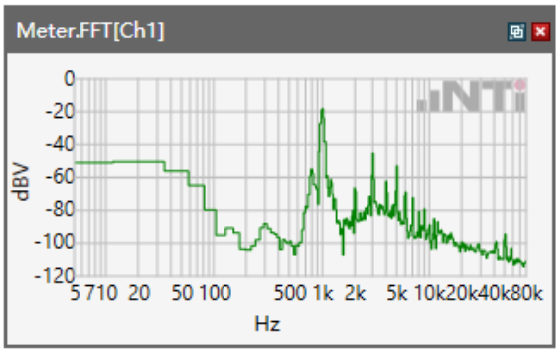
Speech Level RCV: 94.88 dB[SPL]

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



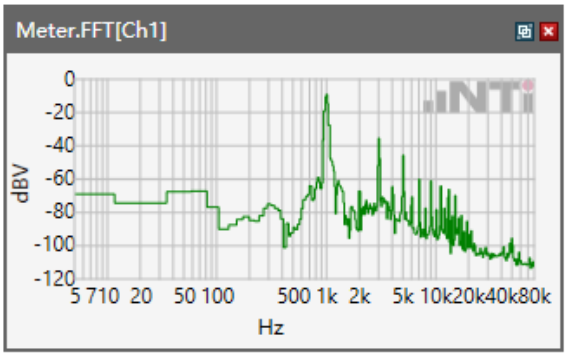
Speech Level RCV: 89.27 dB[SPL]

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



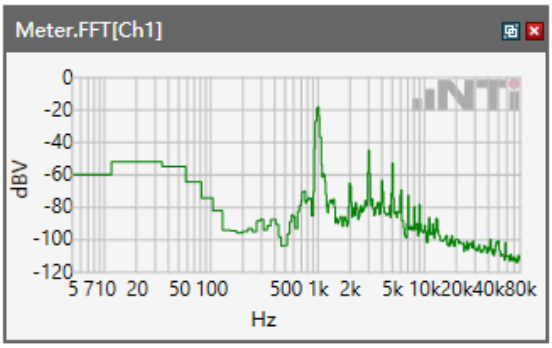
Speech Level RCV: 94.48 dB[SPL]

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



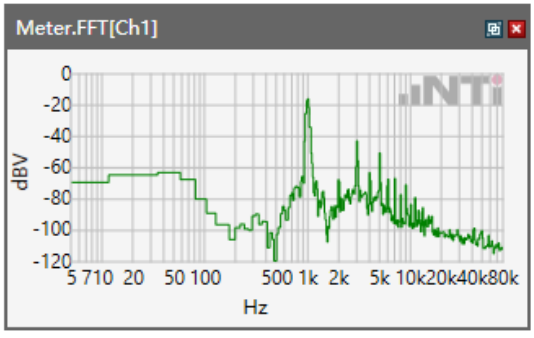
Speech Level RCV: 90.29 dB[SPL]

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



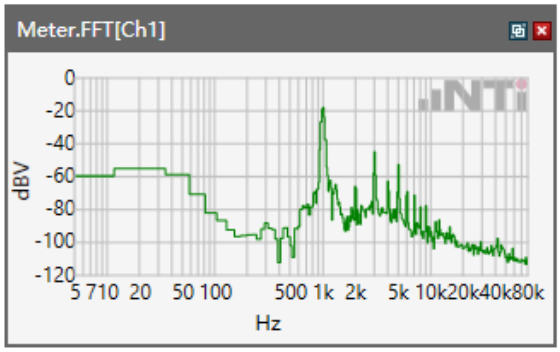
Speech Level RCV: 90.39 dB[SPL]

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



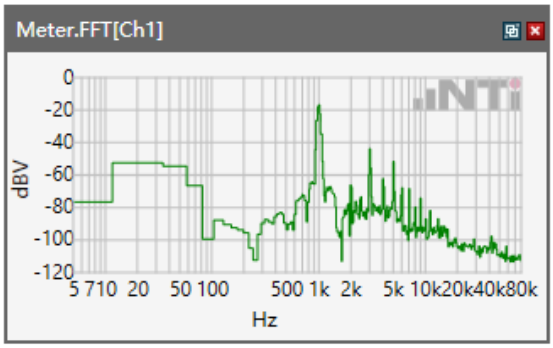
Speech Level RCV: 90.31 dB[SPL]

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



Speech Level RCV: 93.01 dB[SPL]

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



Speech Level RCV: 89.62 dB[SPL]

5.1.1 -1 Conversation Gain 8N

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

Correction

rcv_vol_nb	93.74 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 23.74 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	92.96 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 22.96 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	93.31 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 23.31 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	92.61 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 22.61 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	93.1 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 23.1 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	94.56 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 24.56 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 4

Correction

rcv_vol_nb	96.86 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 26.86 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	97.46 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 27.46 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	92.46 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 22.46 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 17

Correction

rcv_vol_nb	96.62 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 26.62 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	98.41 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 28.41 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	98.08 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 28.08 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	94.88 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 24.88 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	89.27 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 19.27 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	94.48dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 24.48 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	90.29 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 20.29 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	90.39 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 20.39 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	90.31 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 20.31 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	93.01 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 23.01 dB Ok

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_nb	89.62 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_nb-70

Calculated Value: 19.62 dB Ok

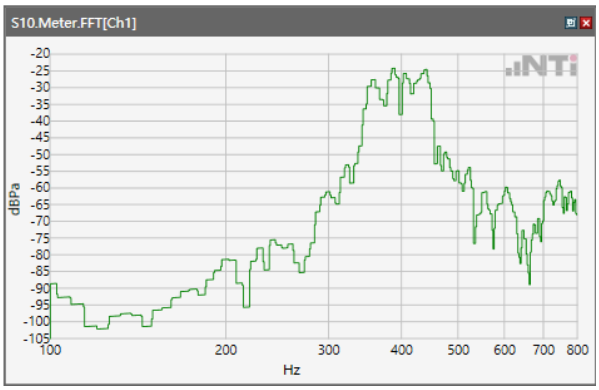
Ok

Limits

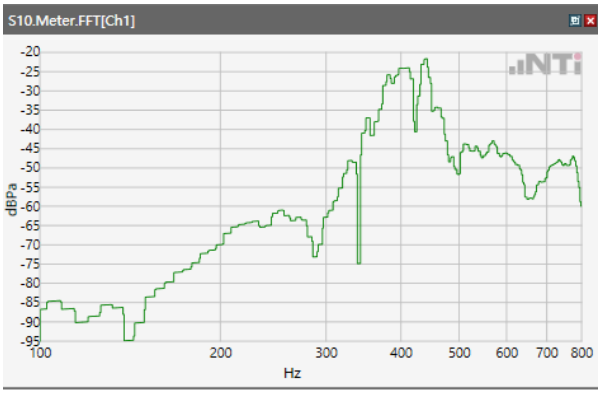
	lower
Run 1	6.00 dB

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



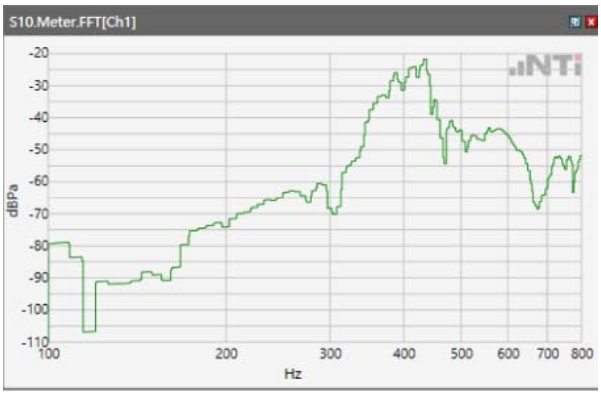
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



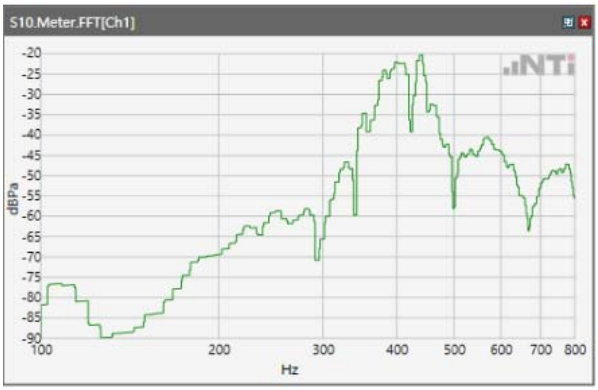
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II

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

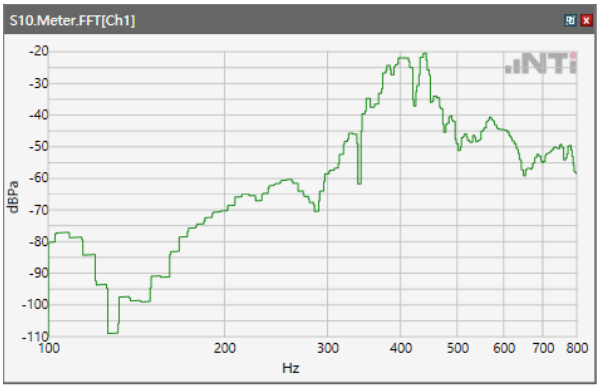
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



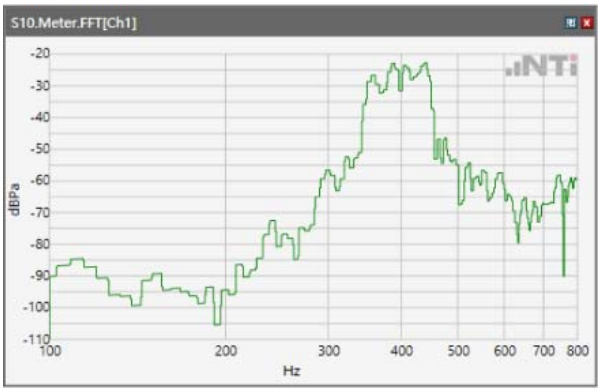
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



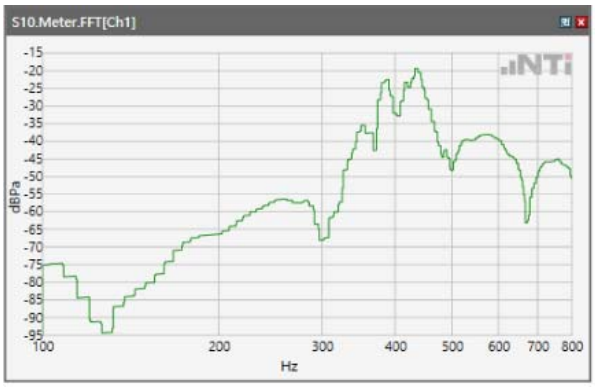
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



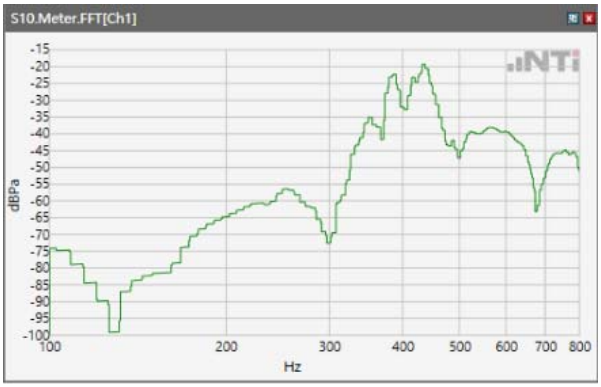
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



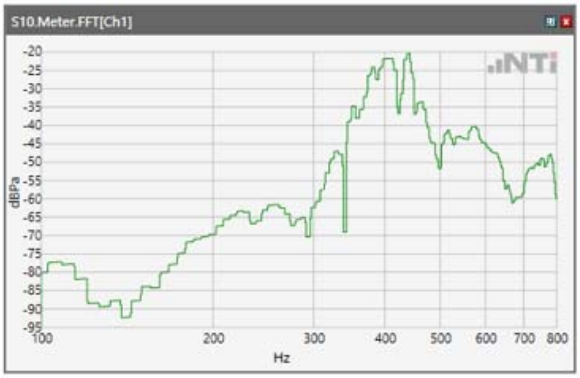
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



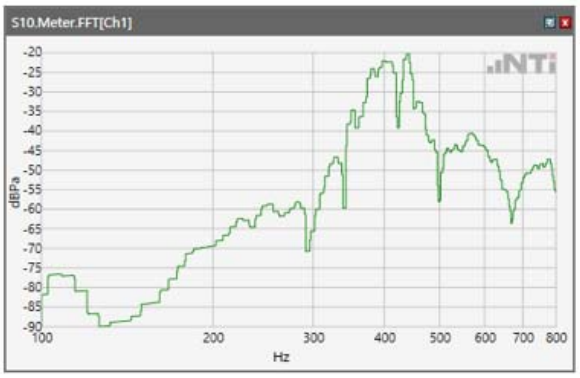
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



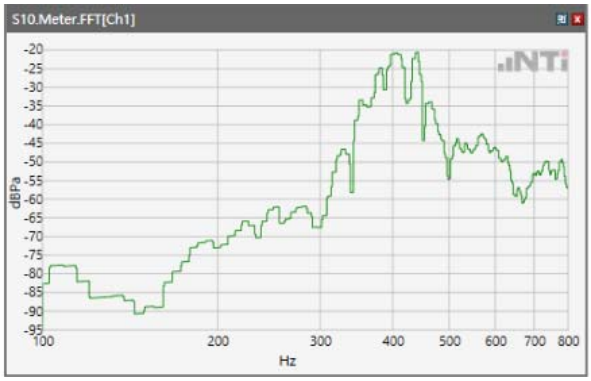
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



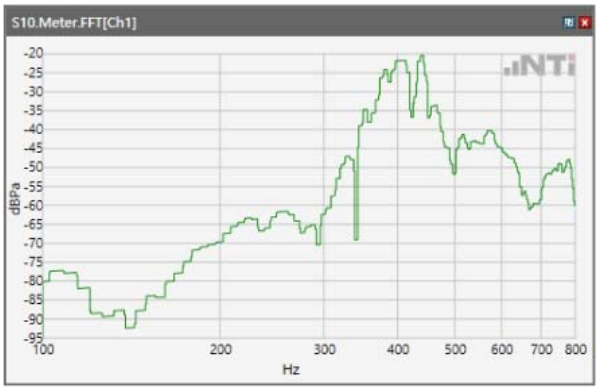
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



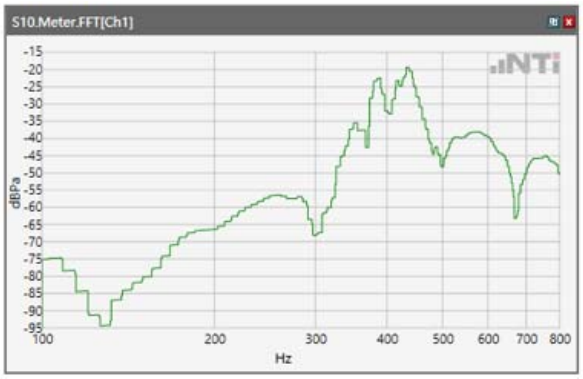
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



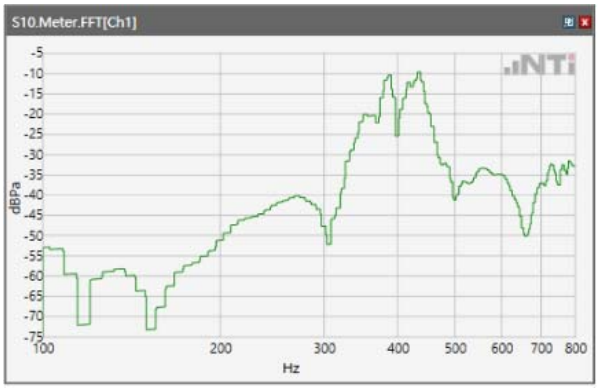
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



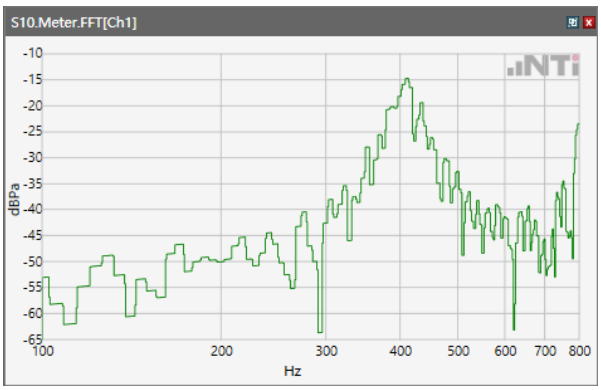
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



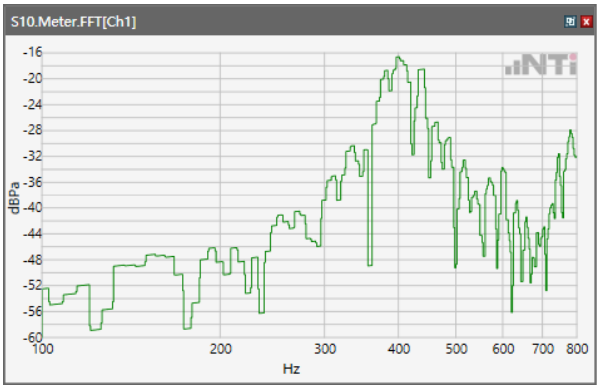
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



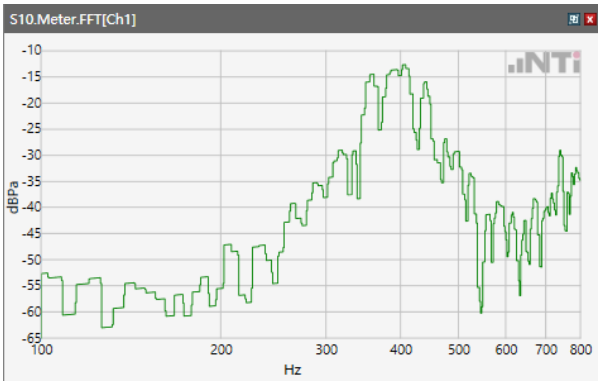
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



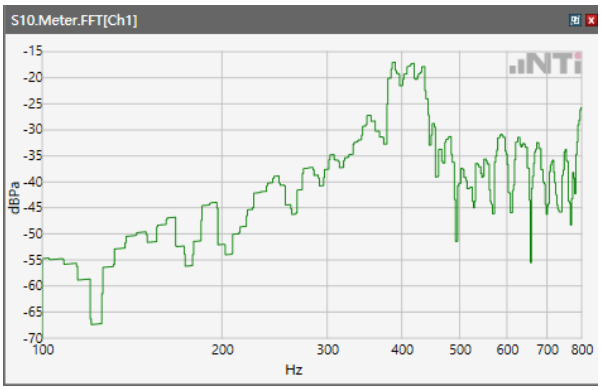
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

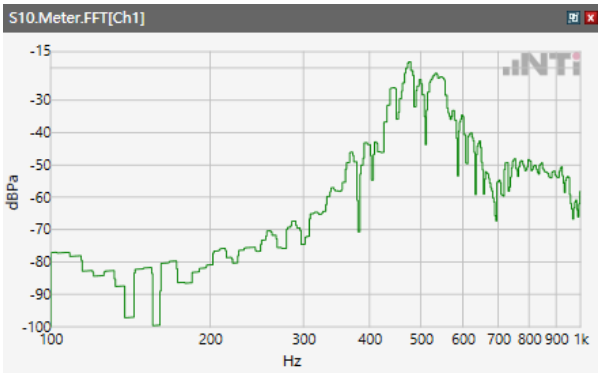


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

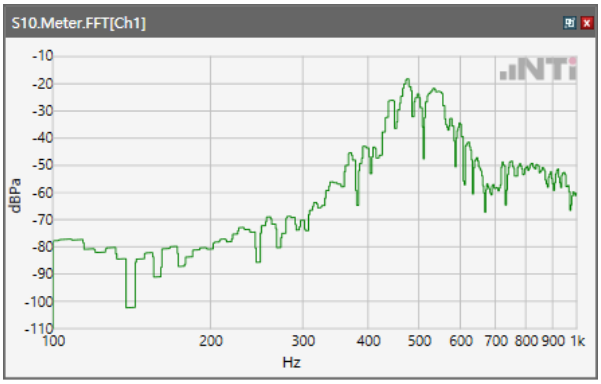


Receive path - distortion and noise 500Hz WB&NB

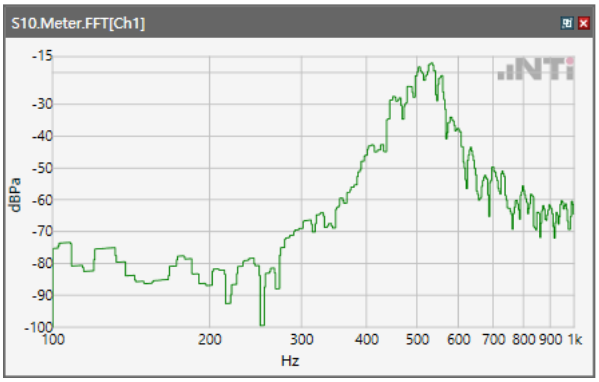
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



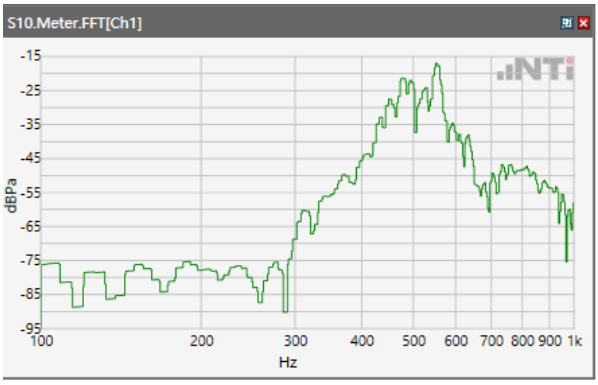
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



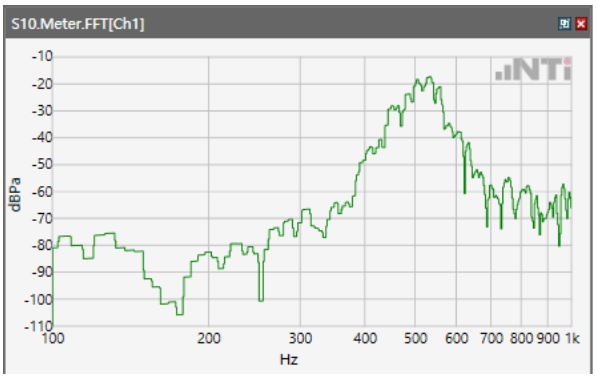
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



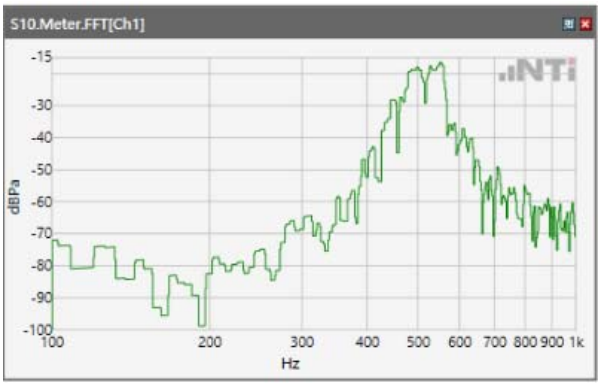
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



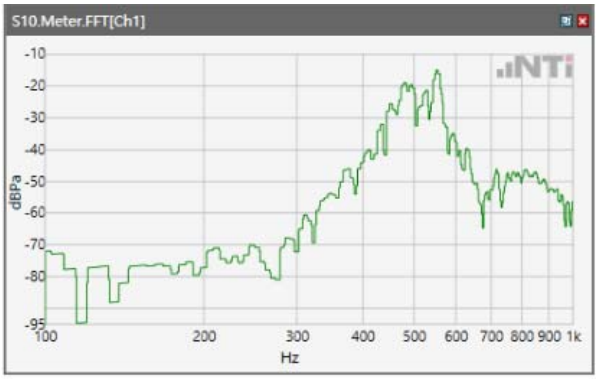
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



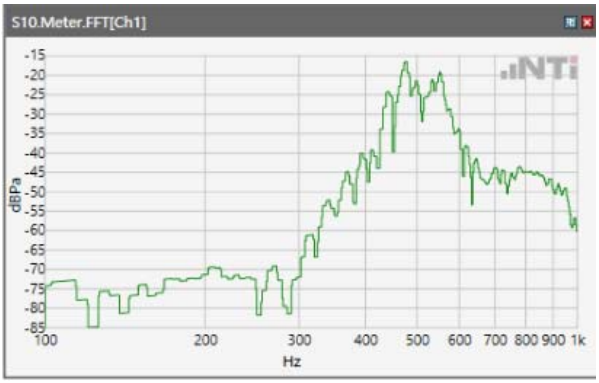
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



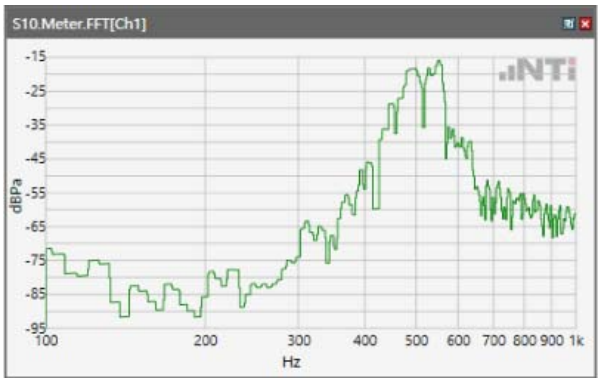
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



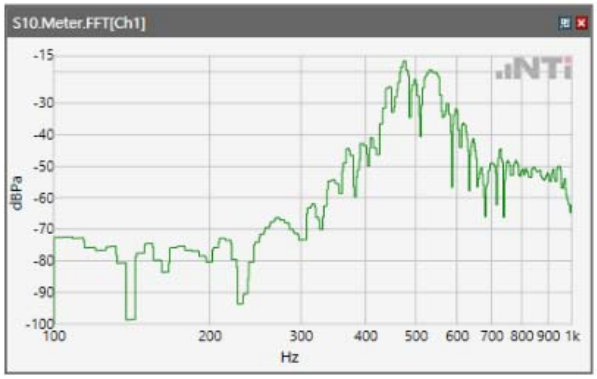
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



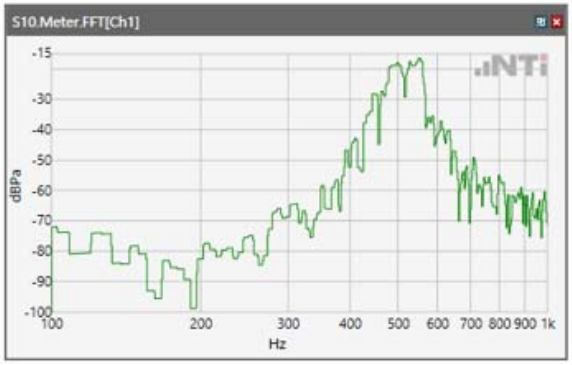
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



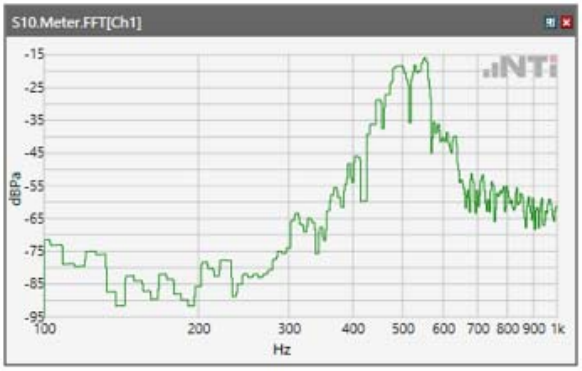
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



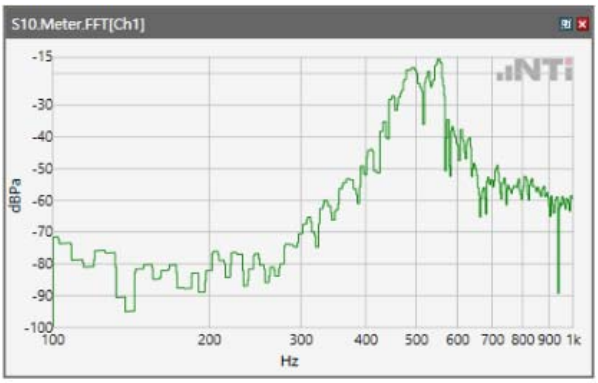
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



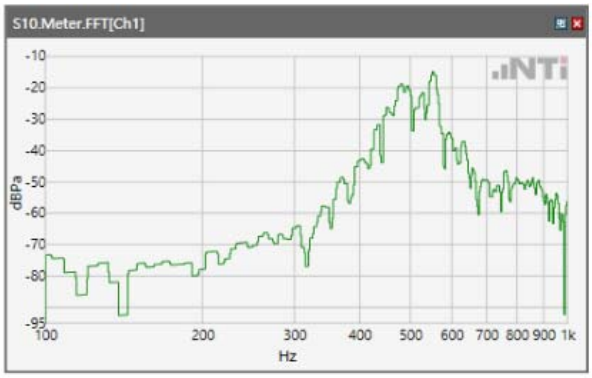
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41

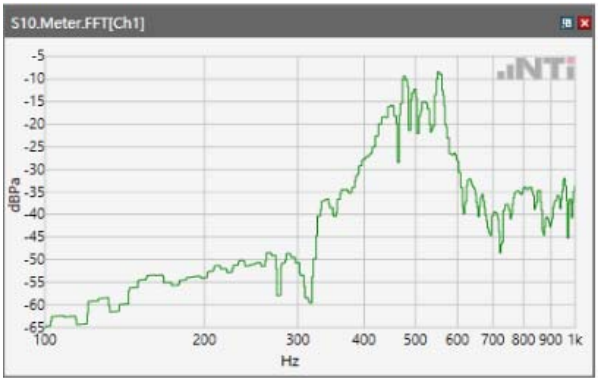


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66

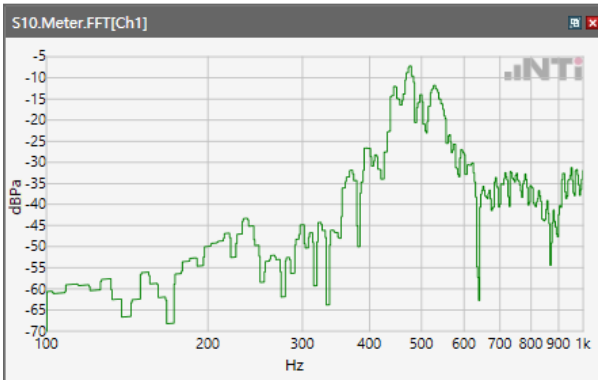


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71

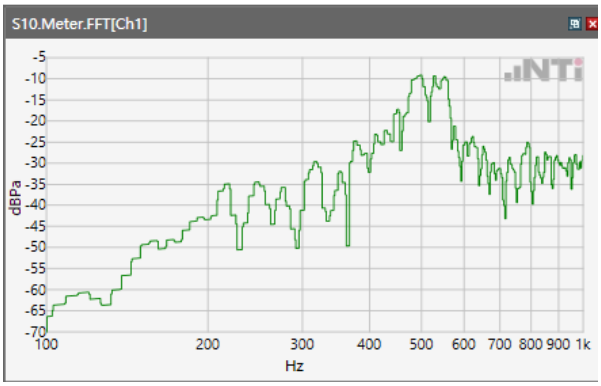
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



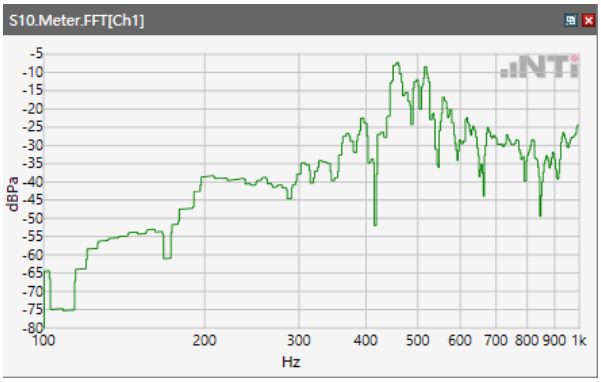
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



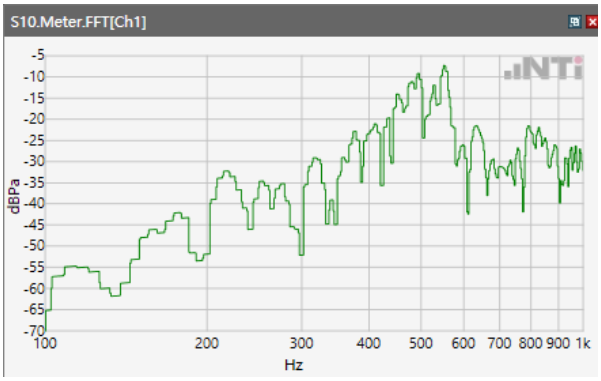
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

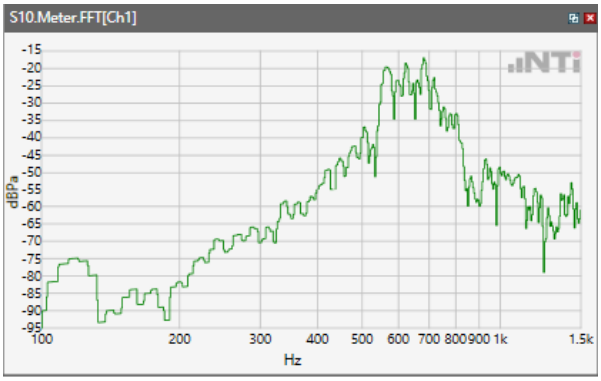


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

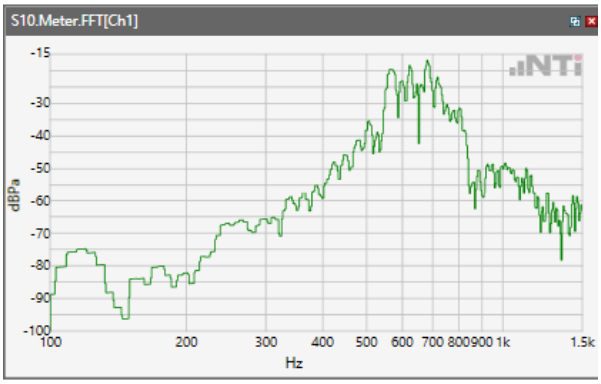


Receive path - distortion and noise 630Hz WB&NB

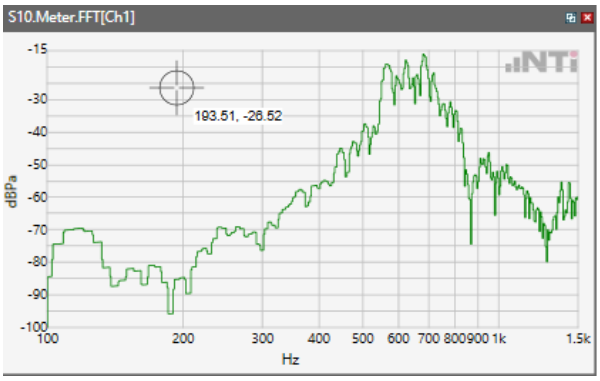
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



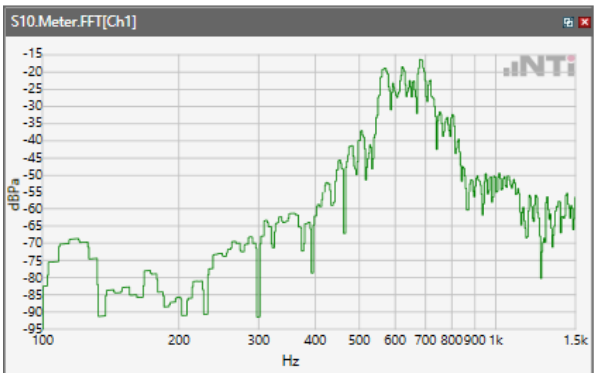
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



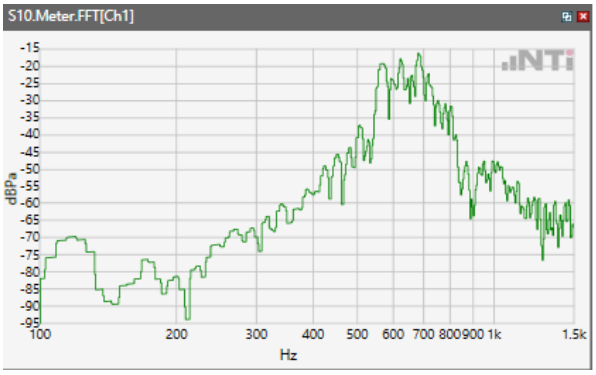
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



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

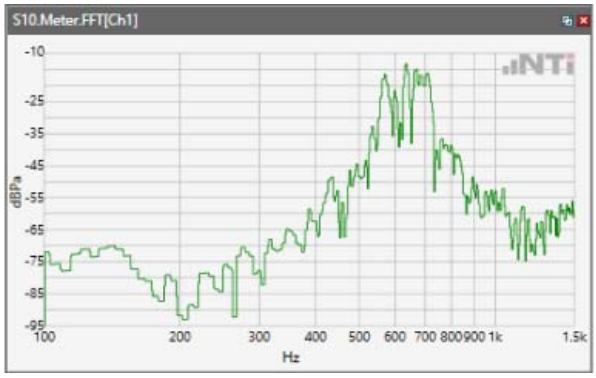


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



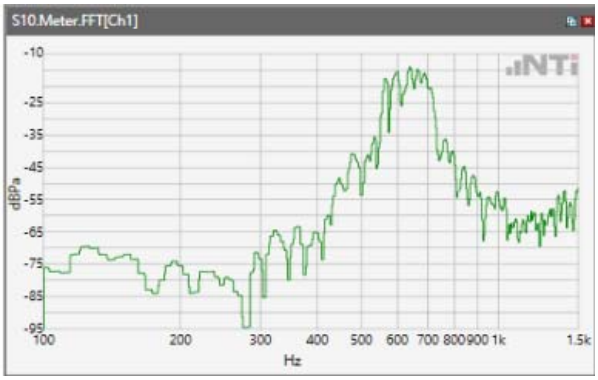
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

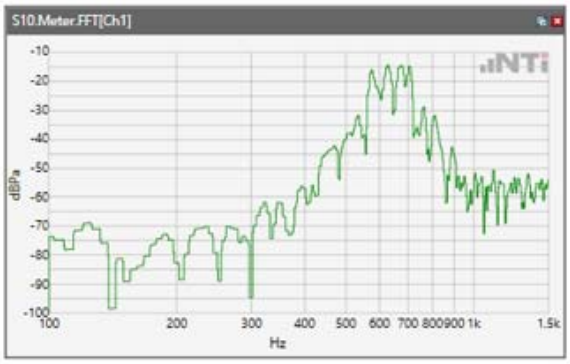


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5

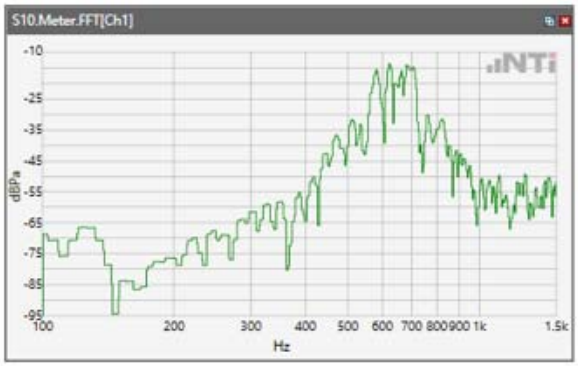
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



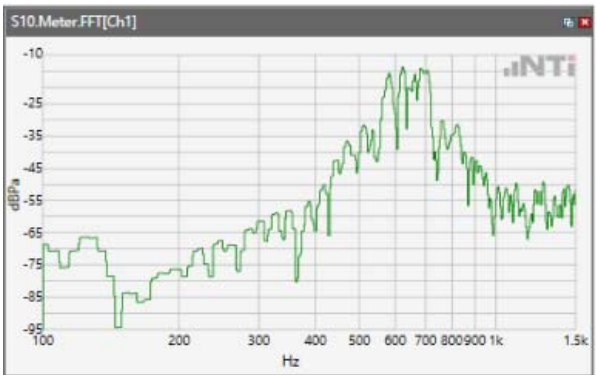
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



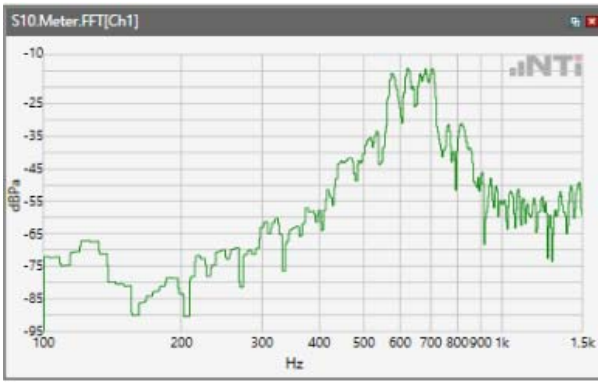
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



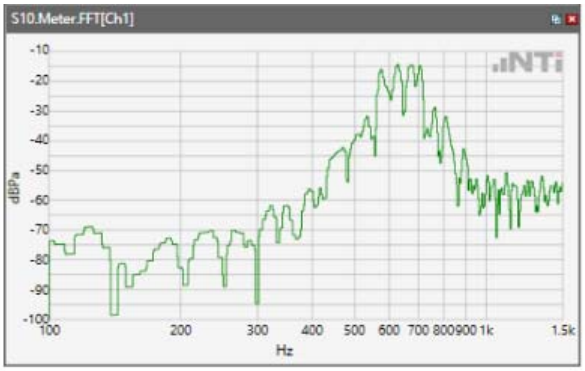
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



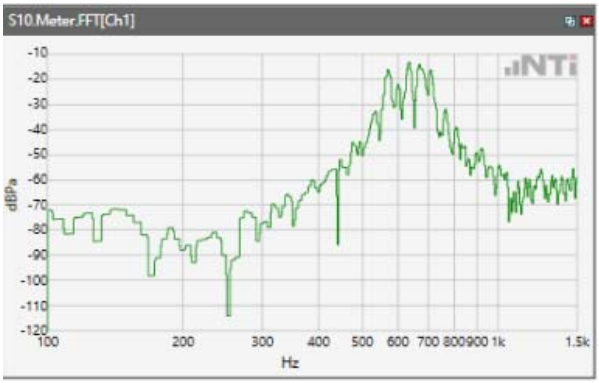
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



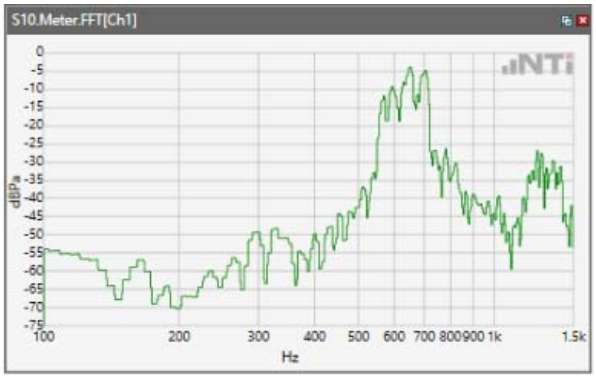
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



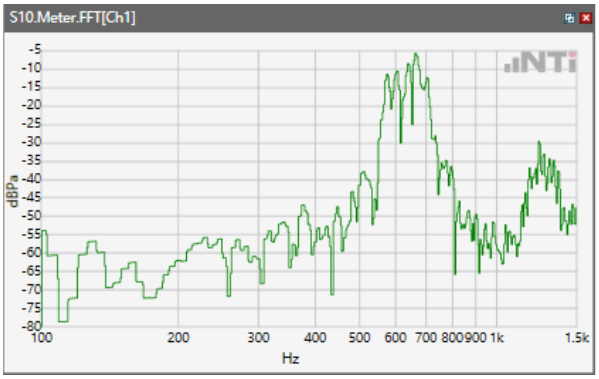
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



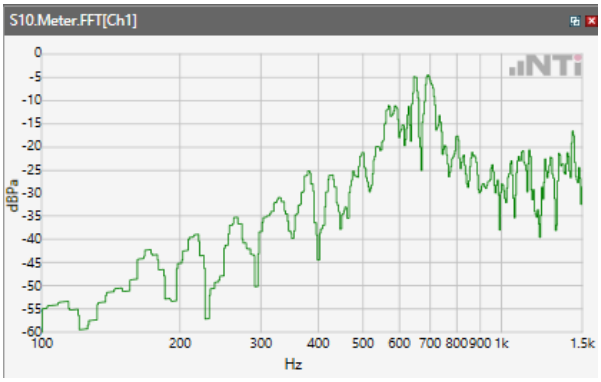
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



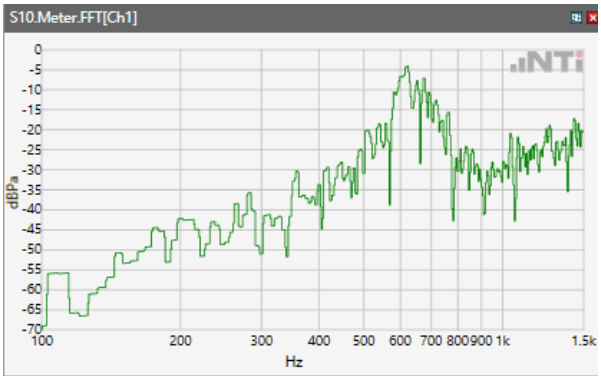
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



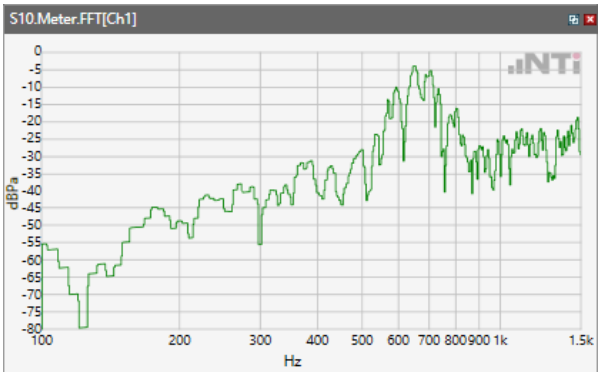
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

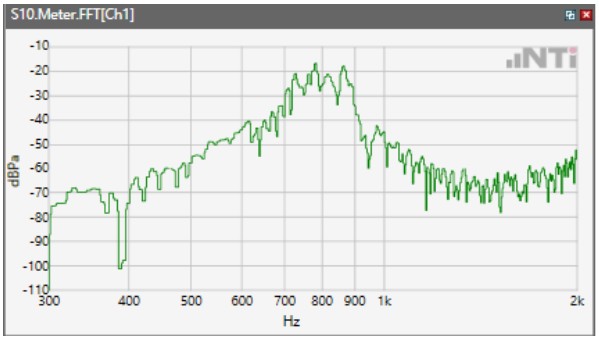


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

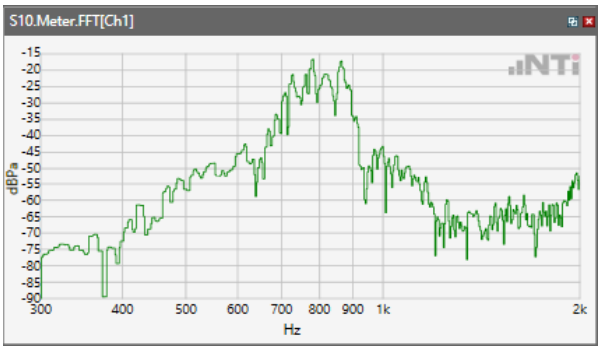


Receive path - distortion and noise 800Hz WB&NB

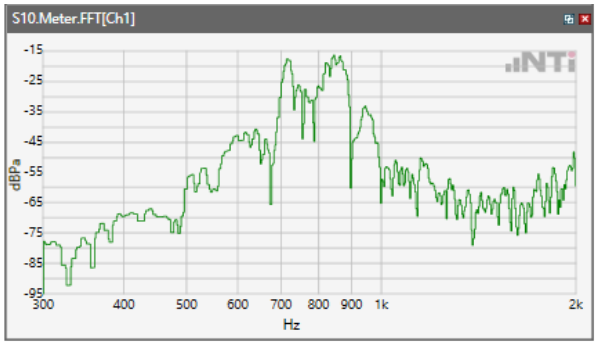
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



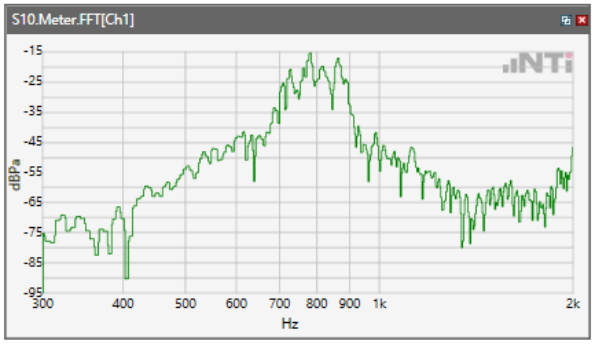
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



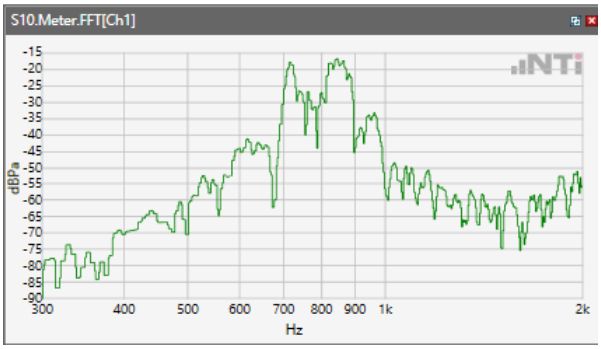
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



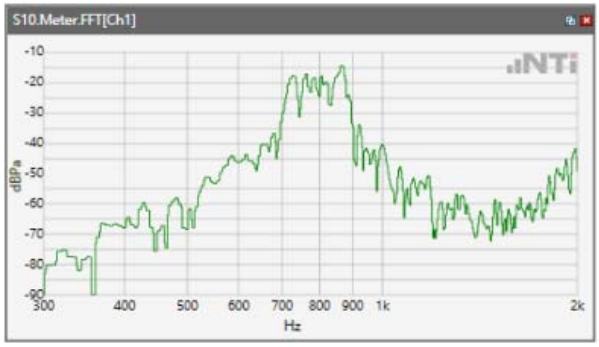
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



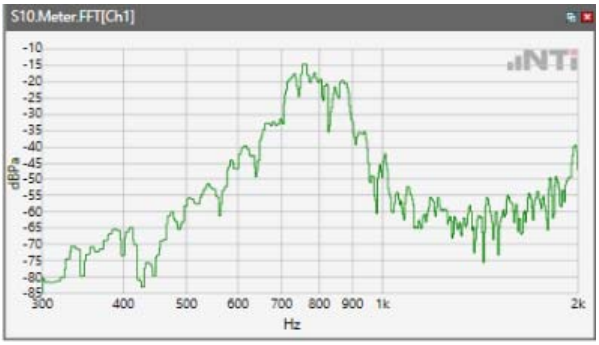
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



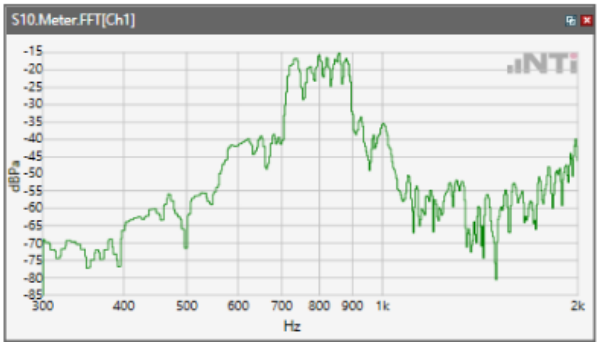
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



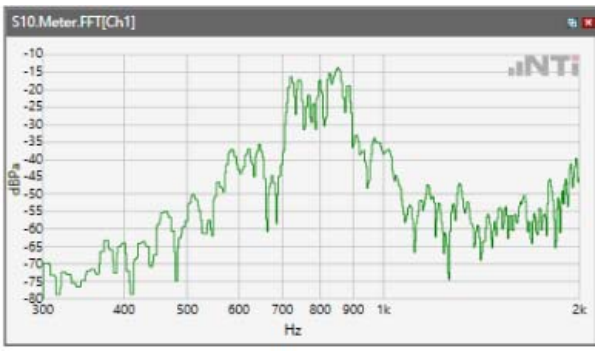
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



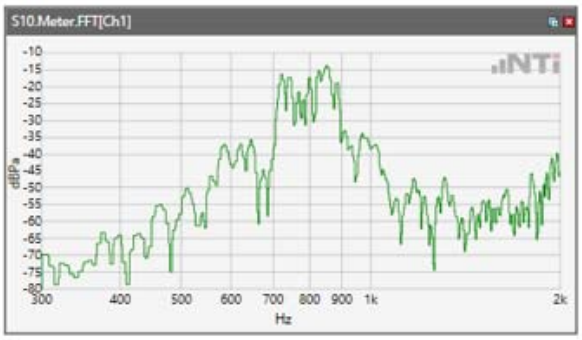
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



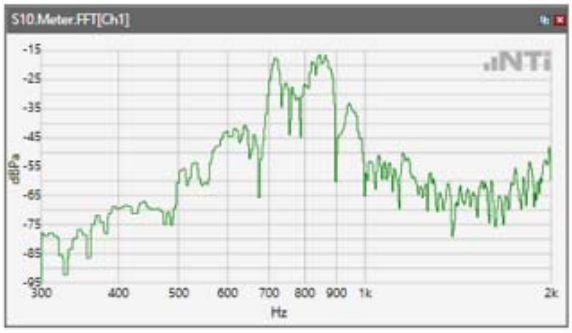
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



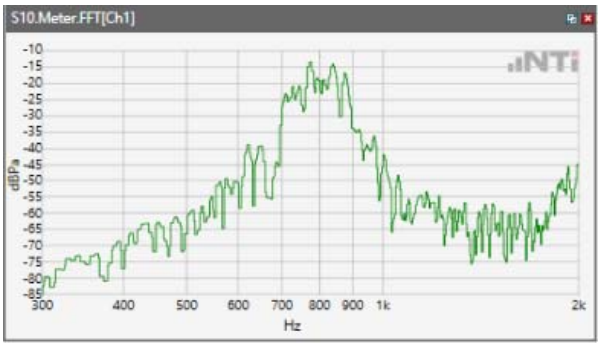
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



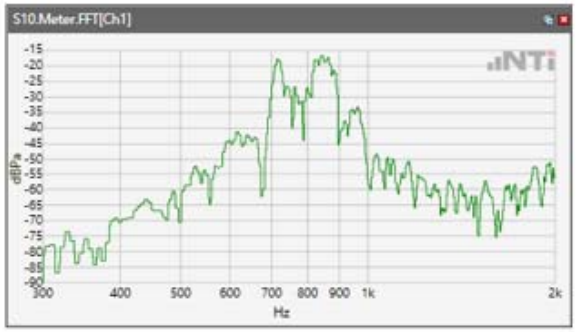
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



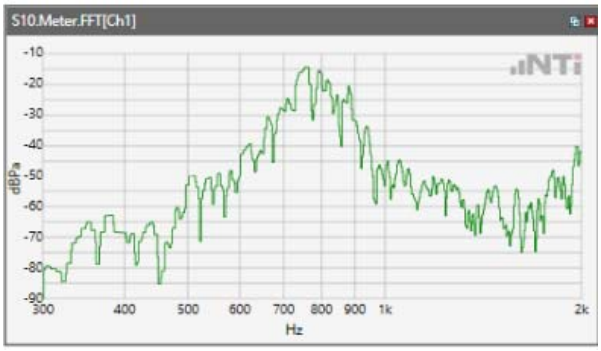
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



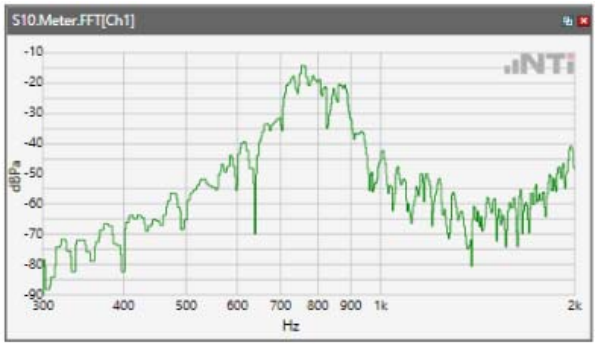
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



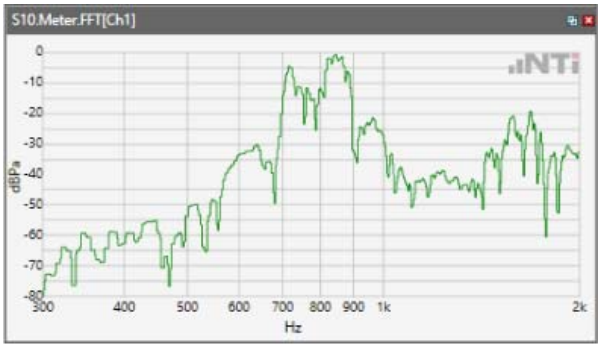
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



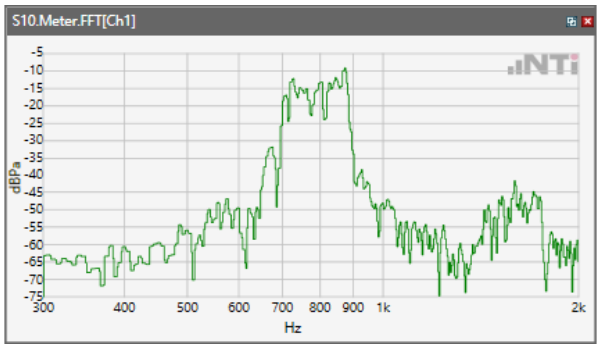
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



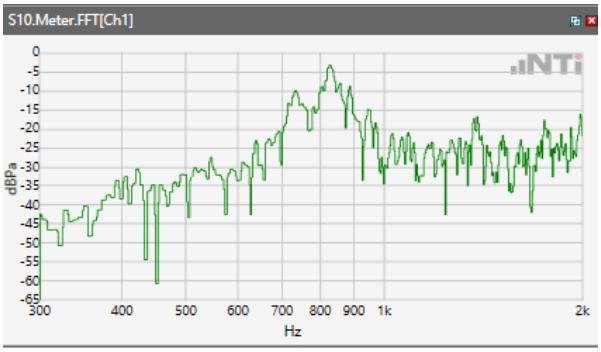
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



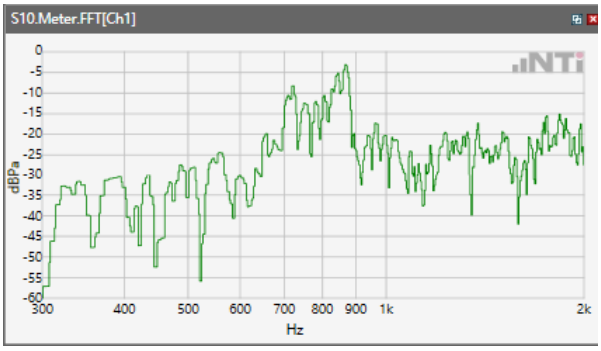
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



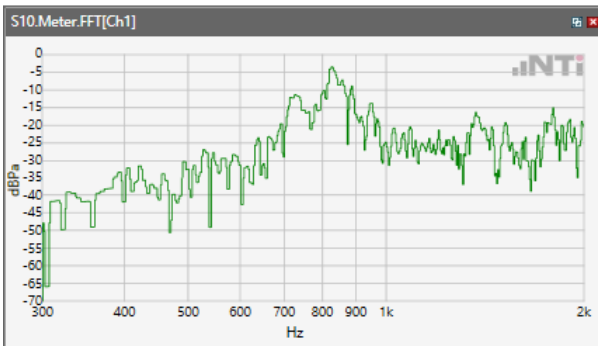
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

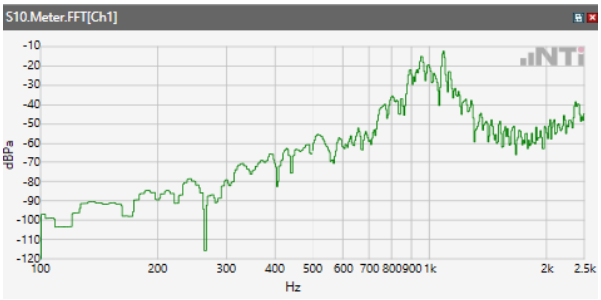


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

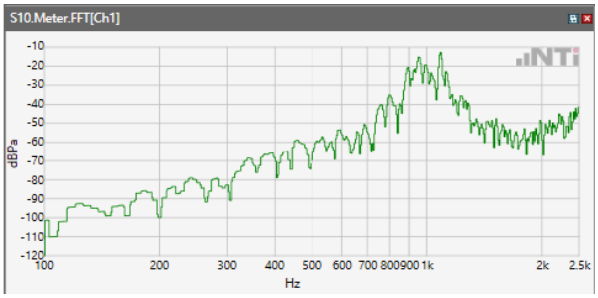


Receive path - distortion and noise 1000Hz WB&NB

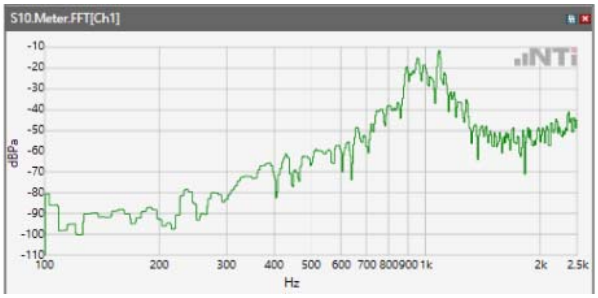
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



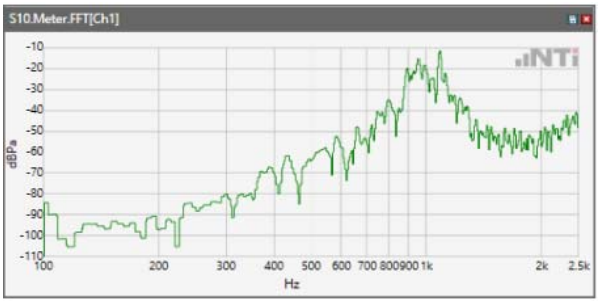
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



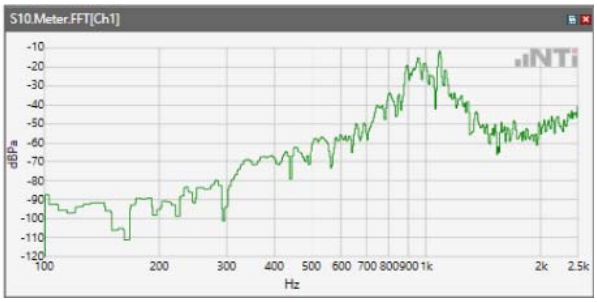
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



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



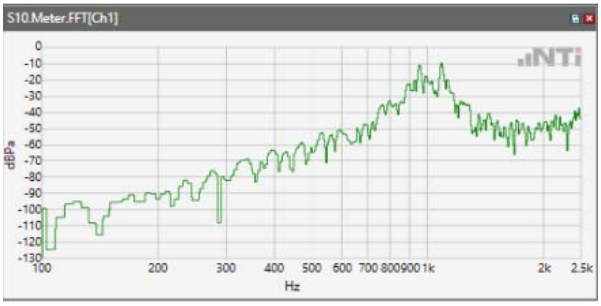
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



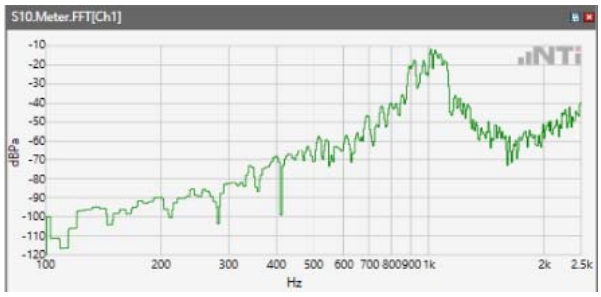
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

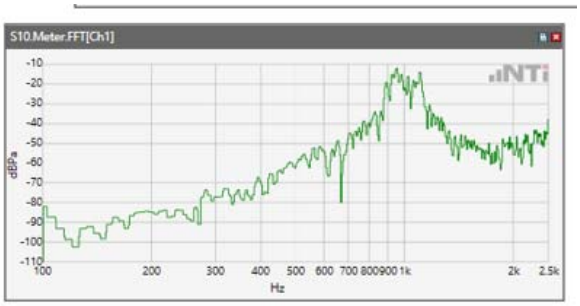
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



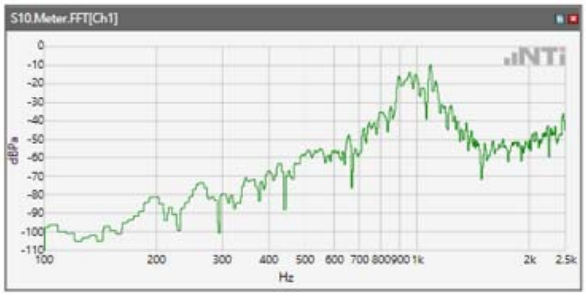
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



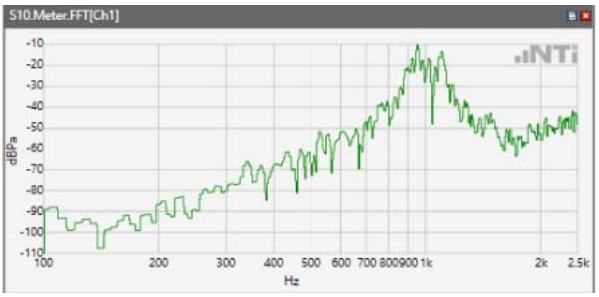
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



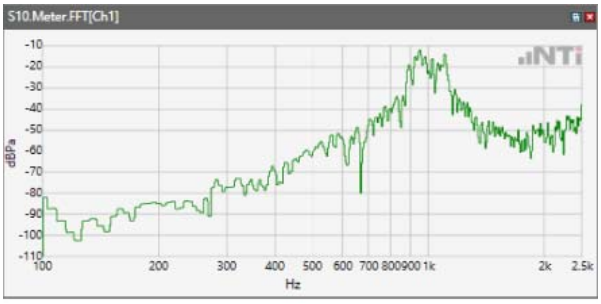
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



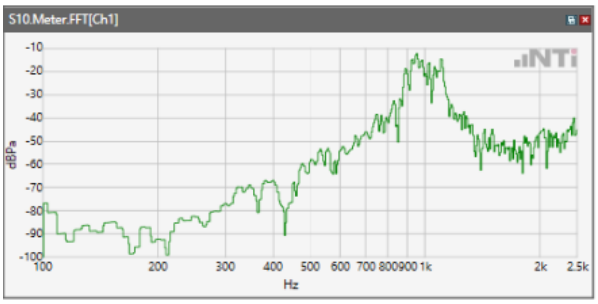
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



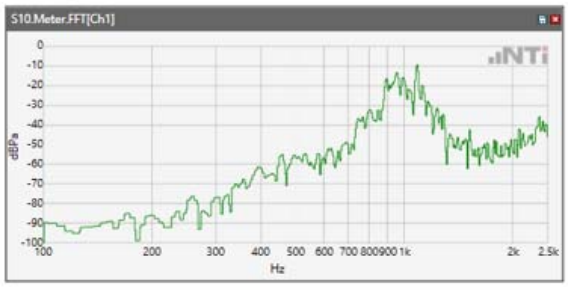
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



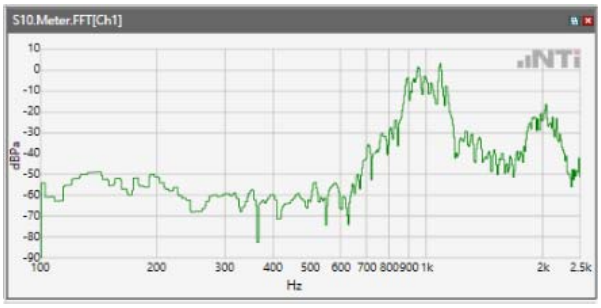
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



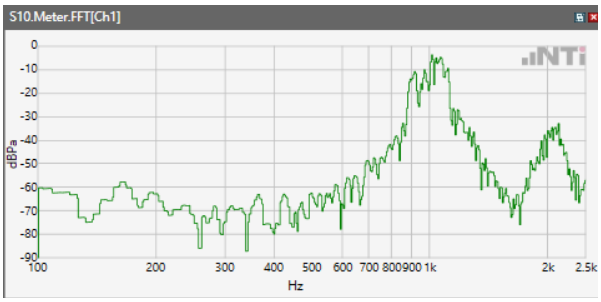
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



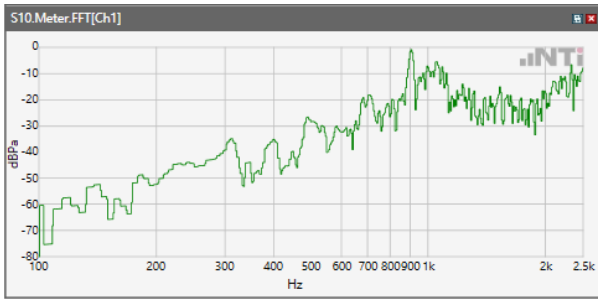
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



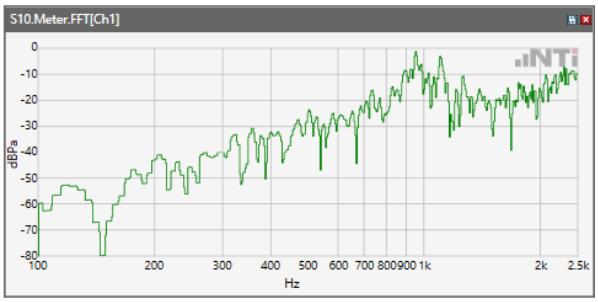
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



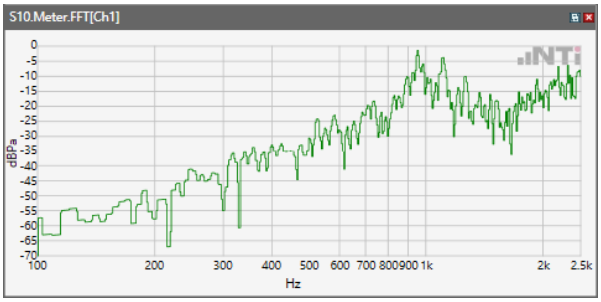
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

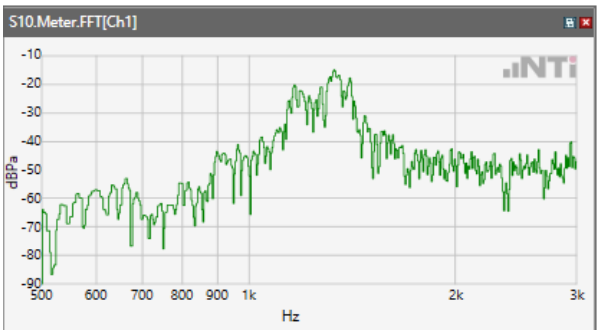


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

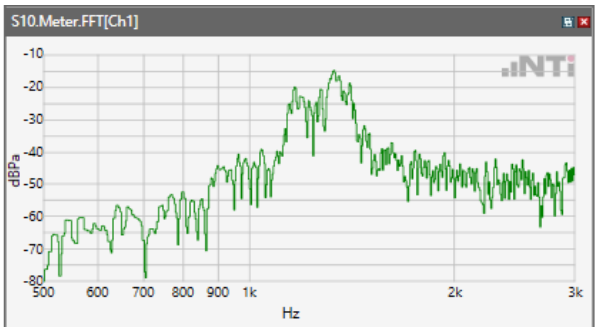


Receive path - distortion and noise 1250Hz WB&NB

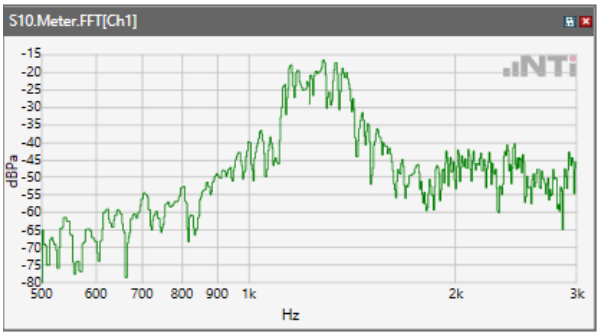
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



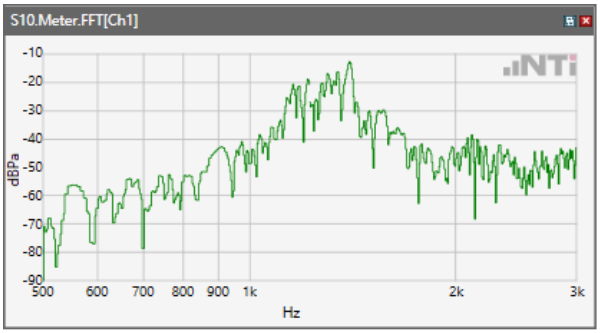
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



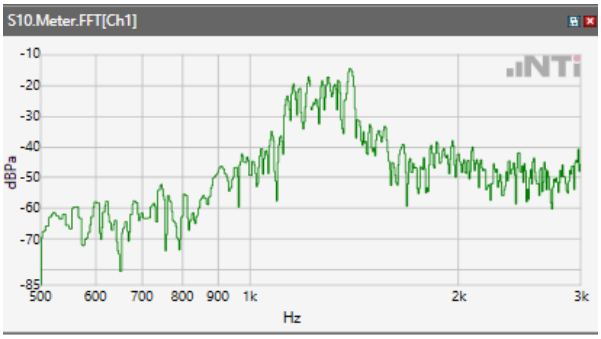
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



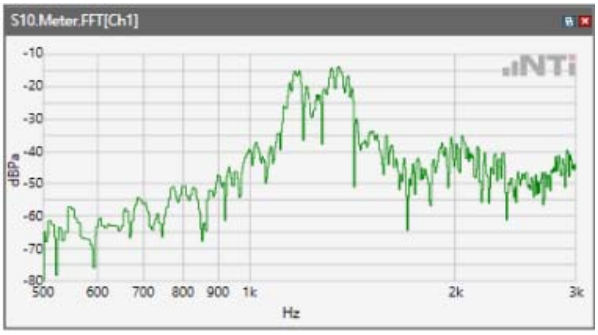
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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

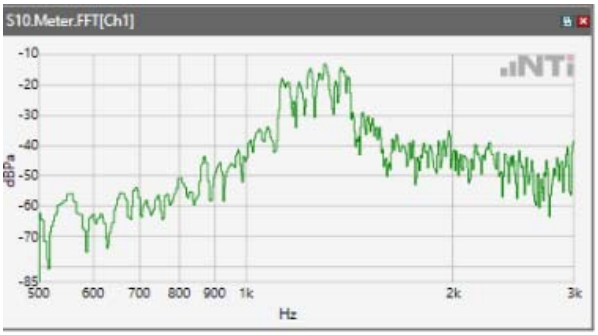


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2

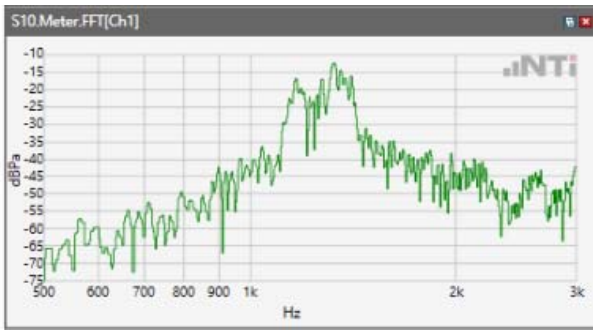


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

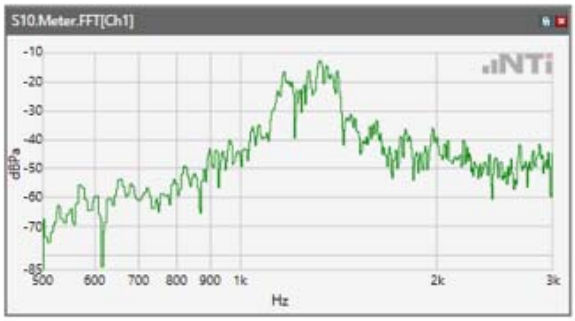
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



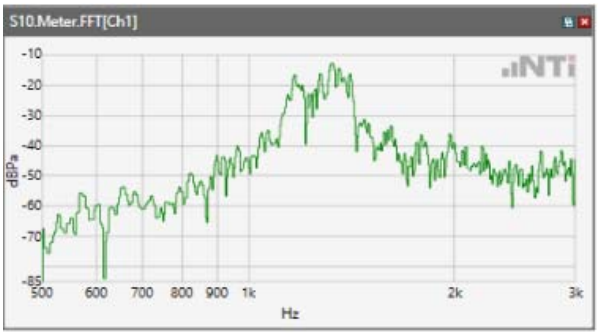
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



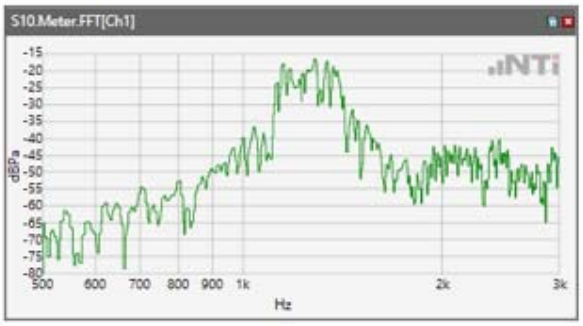
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



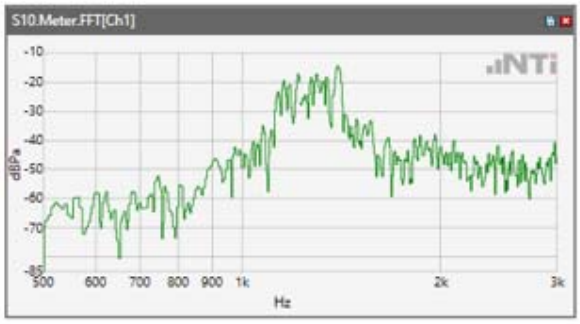
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



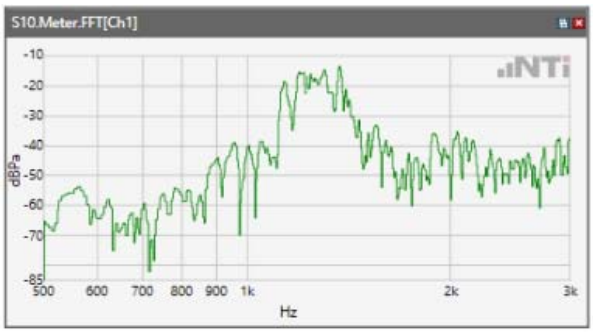
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



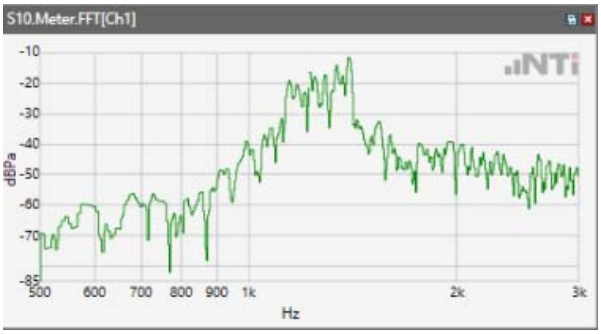
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



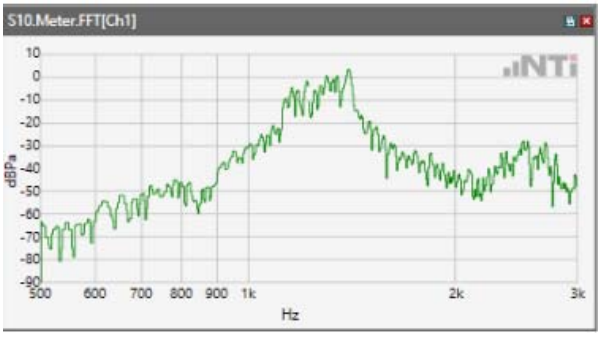
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



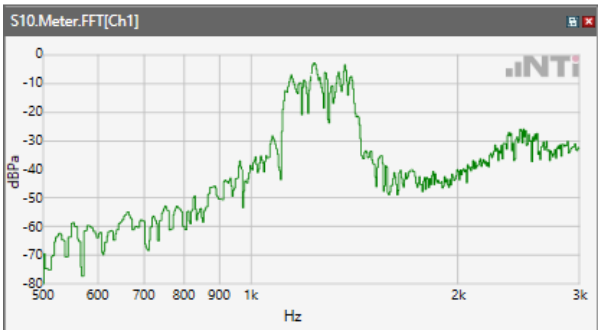
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



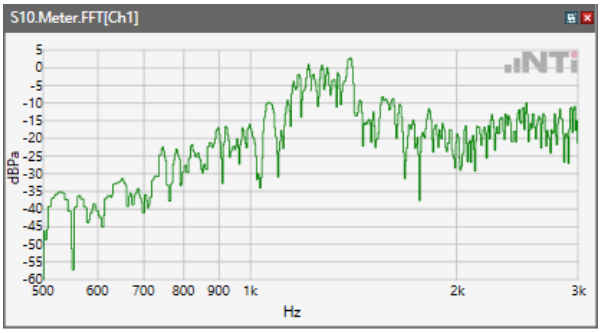
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



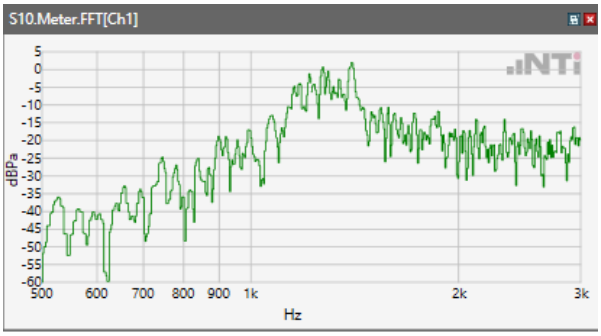
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



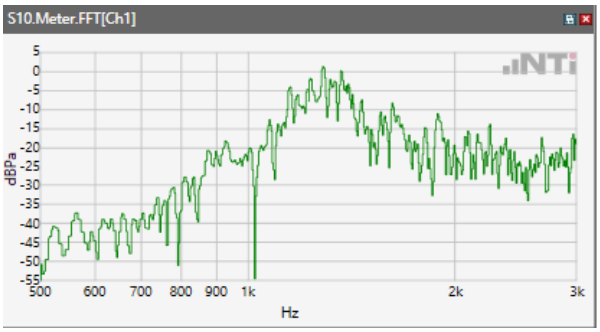
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

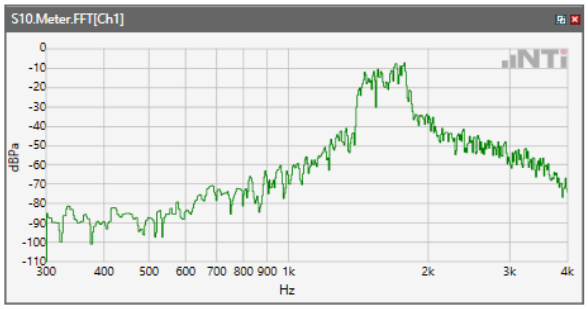


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

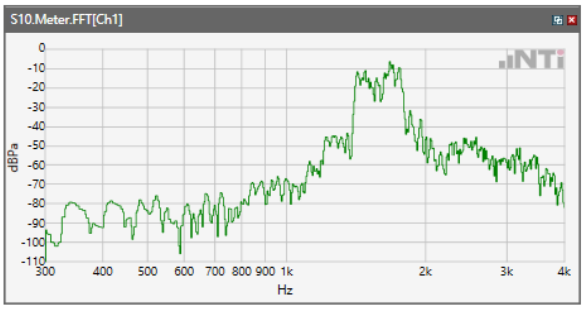


Receive path - distortion and noise 1600Hz WB&NB

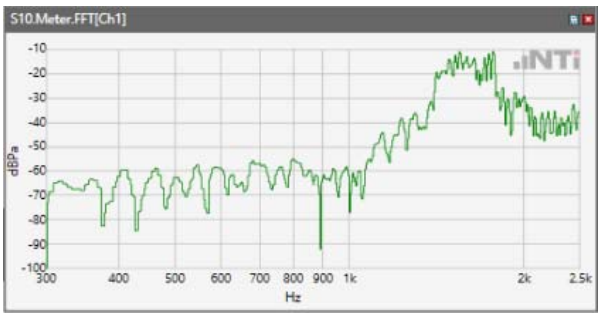
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



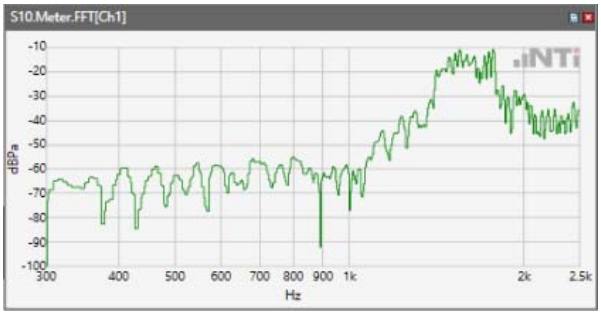
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



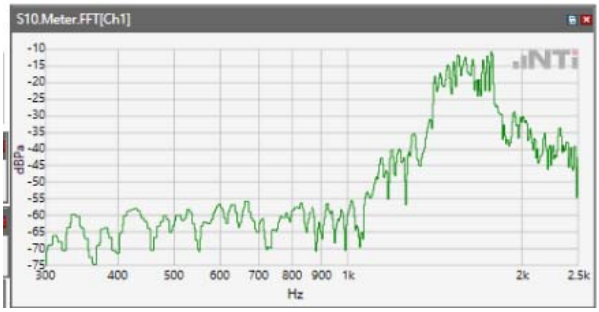
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



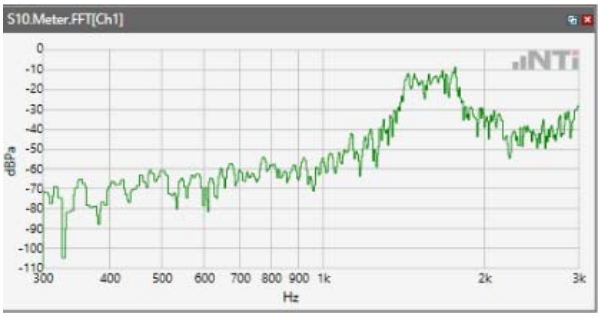
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



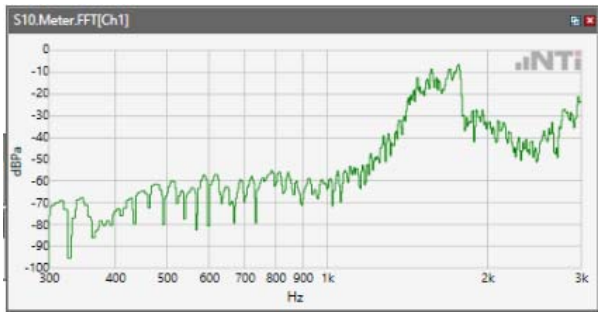
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



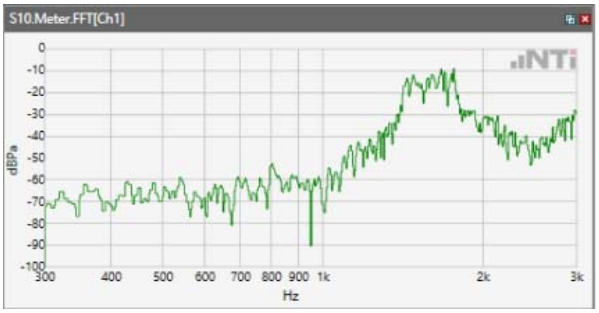
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



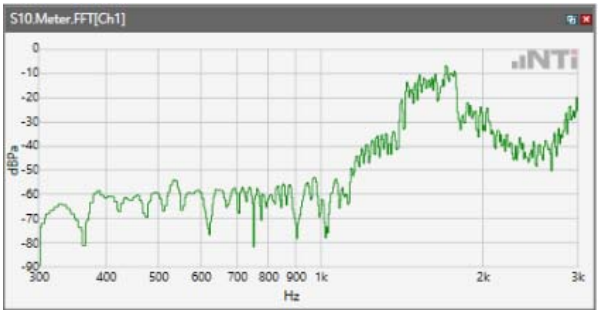
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



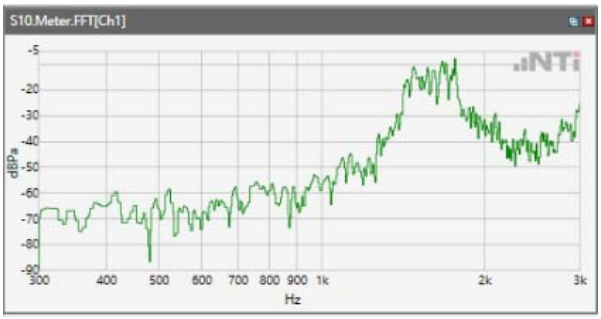
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



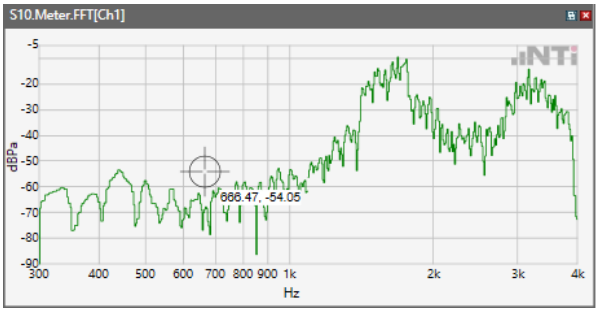
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



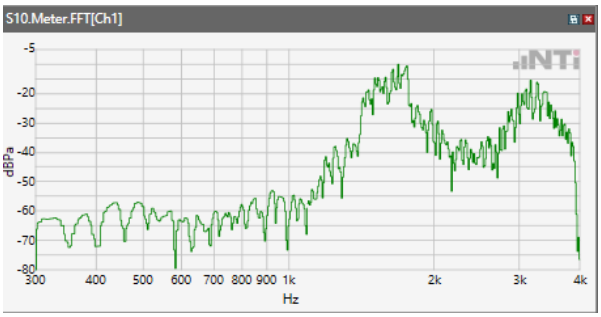
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



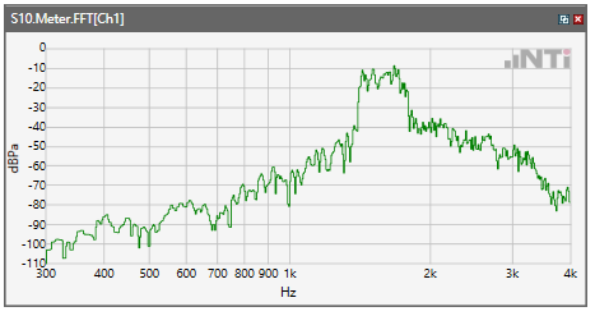
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



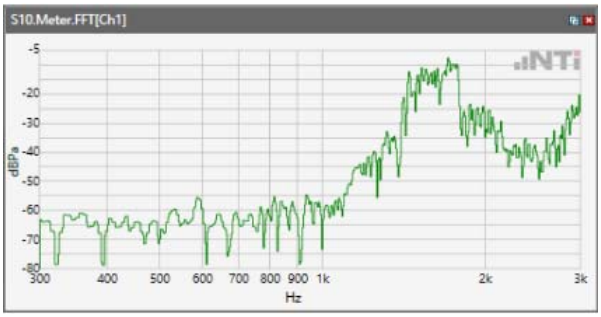
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



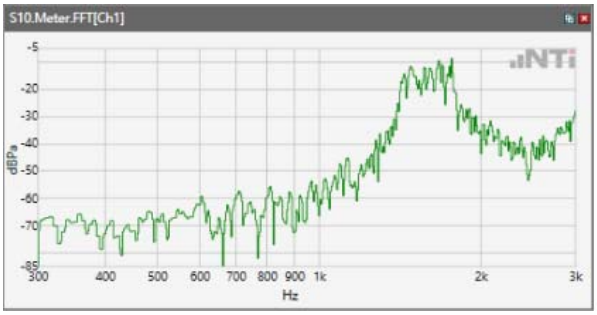
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



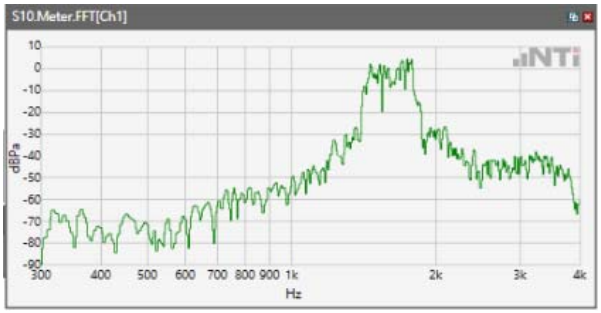
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



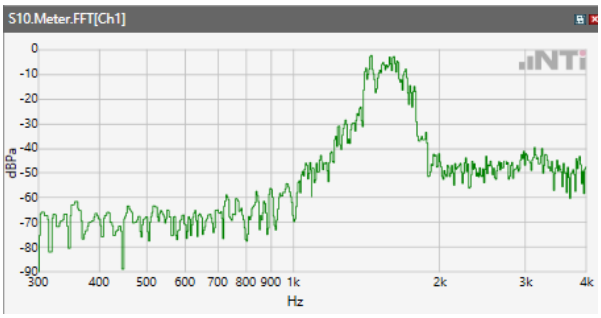
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



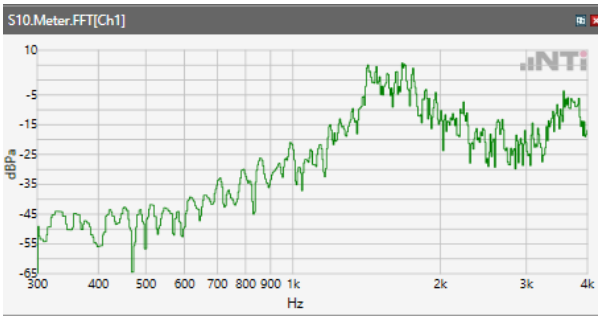
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



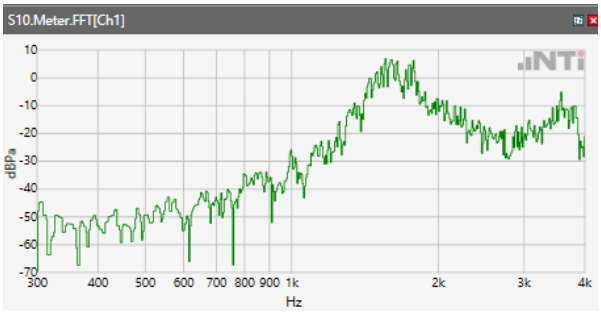
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



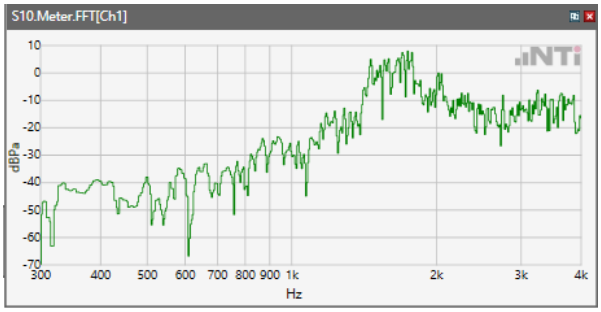
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

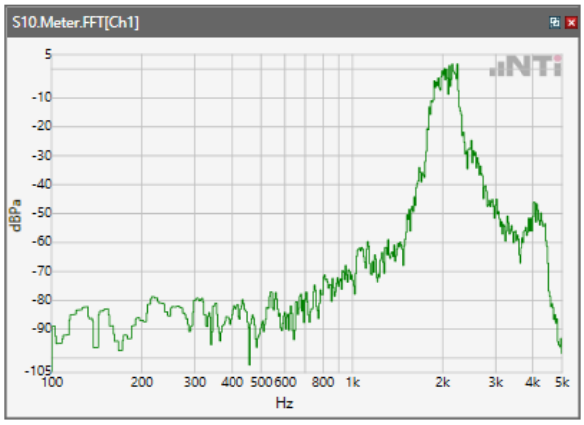


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

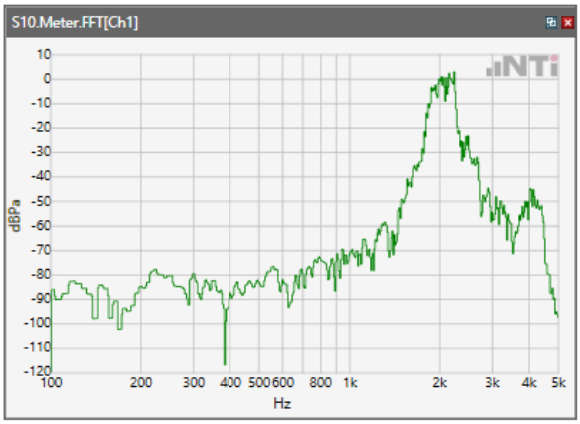


Receive path - distortion and noise 2000Hz WB&NB

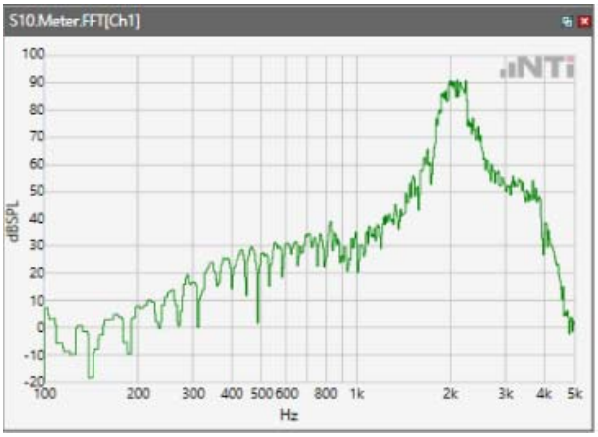
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



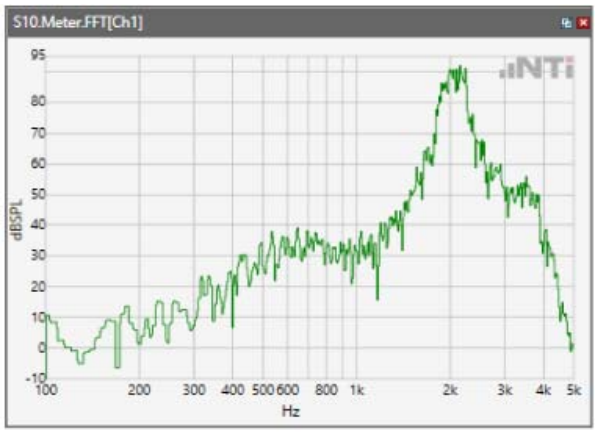
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



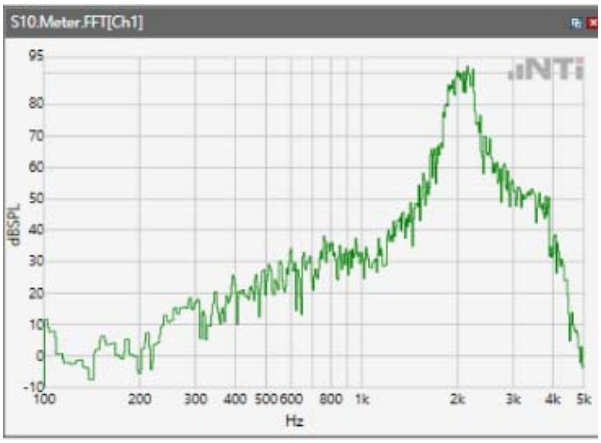
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



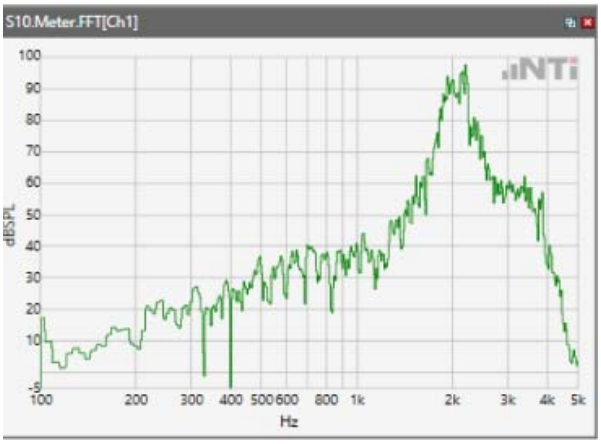
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



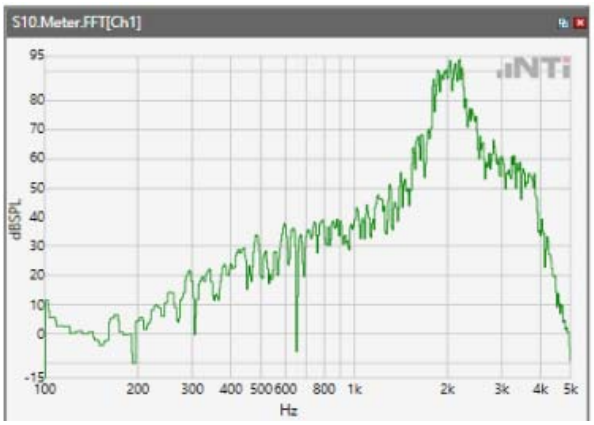
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



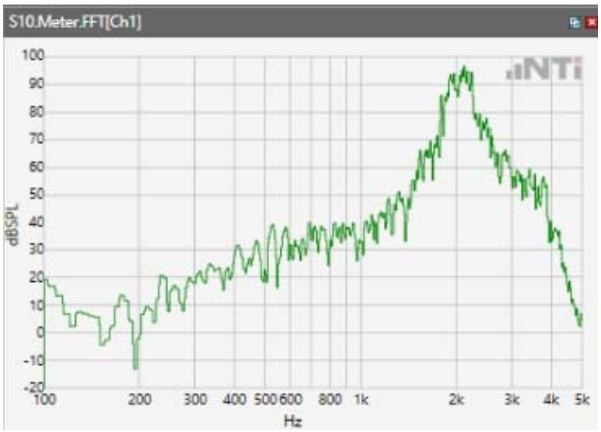
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



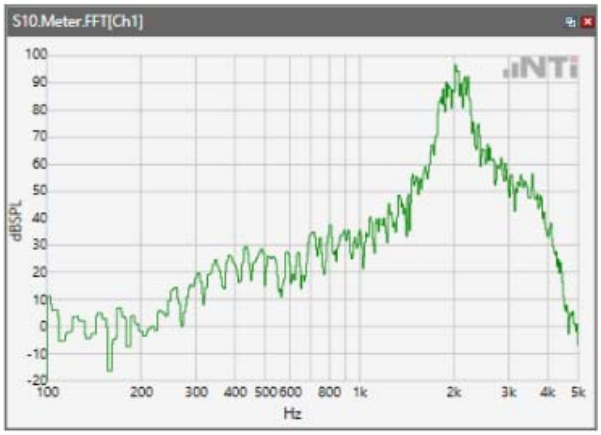
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



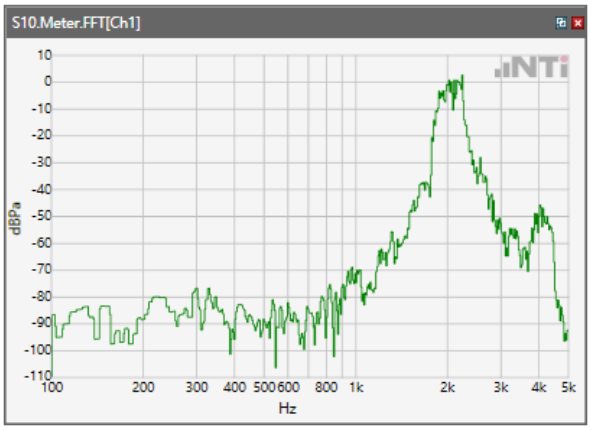
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



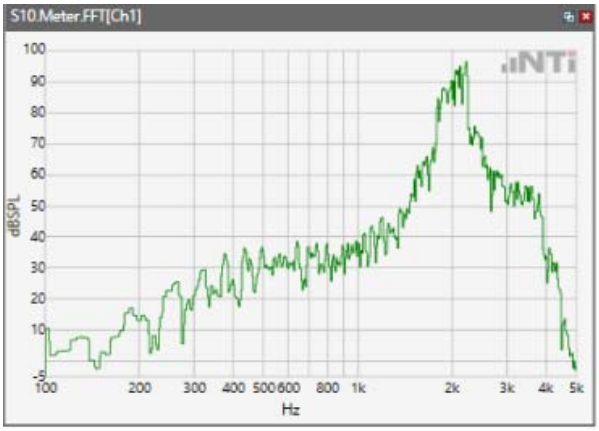
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



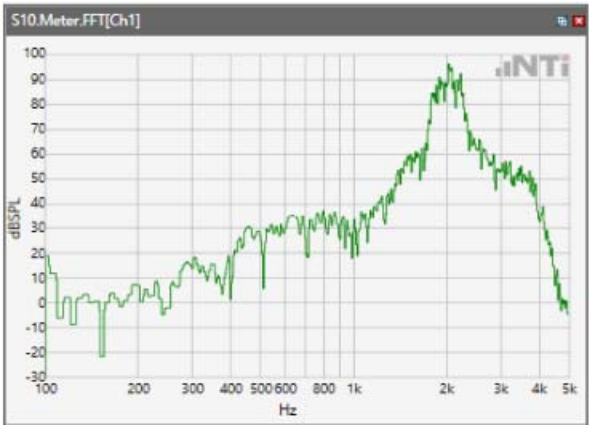
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



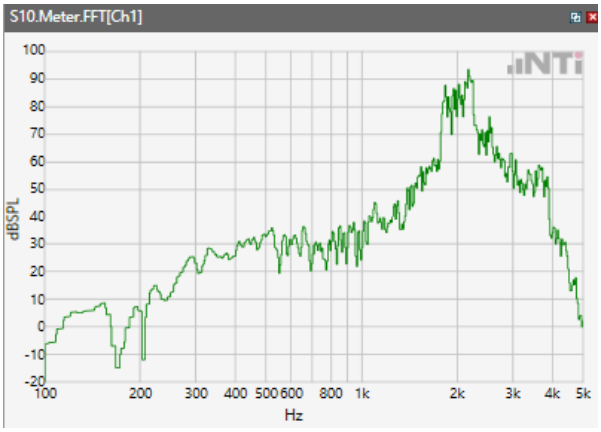
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



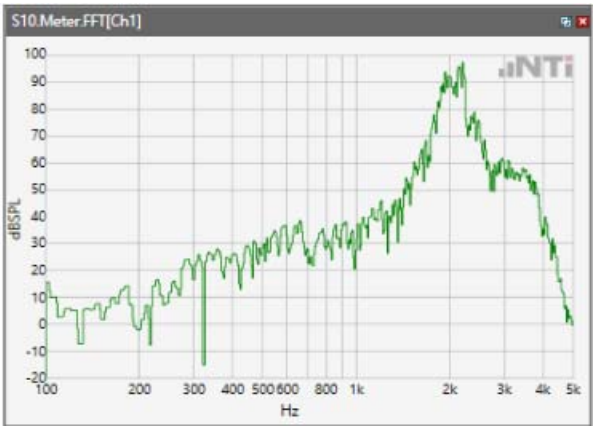
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



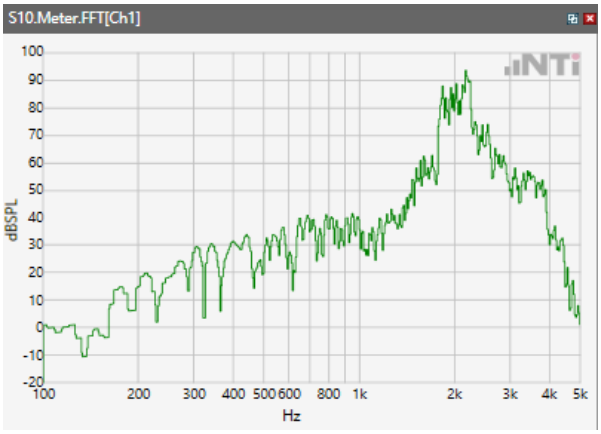
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



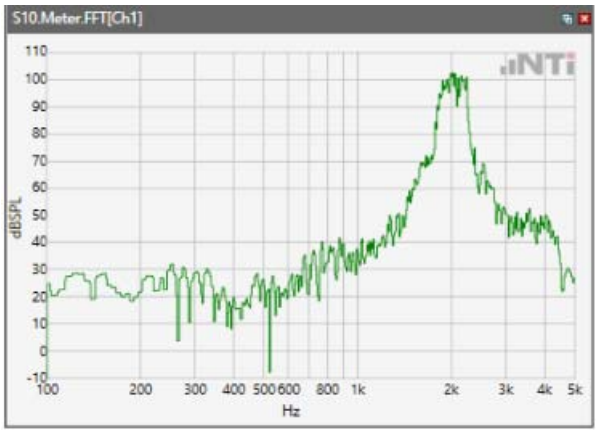
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



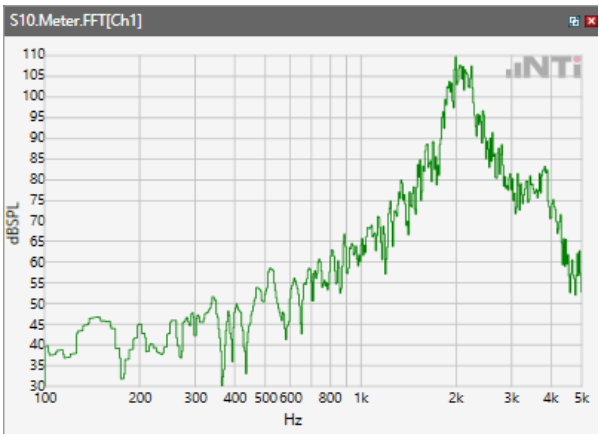
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



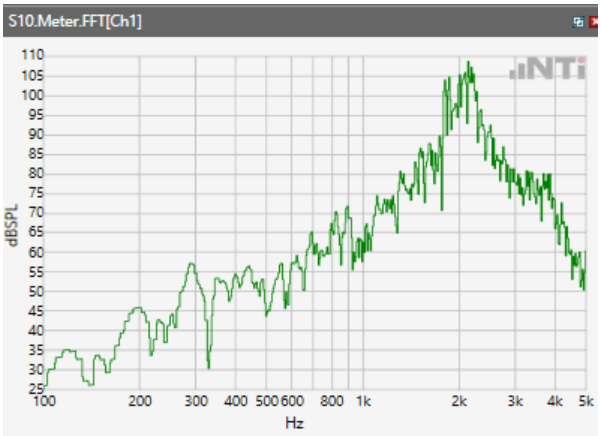
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



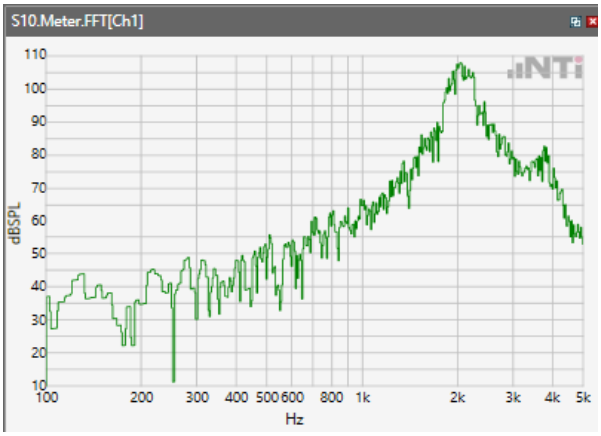
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



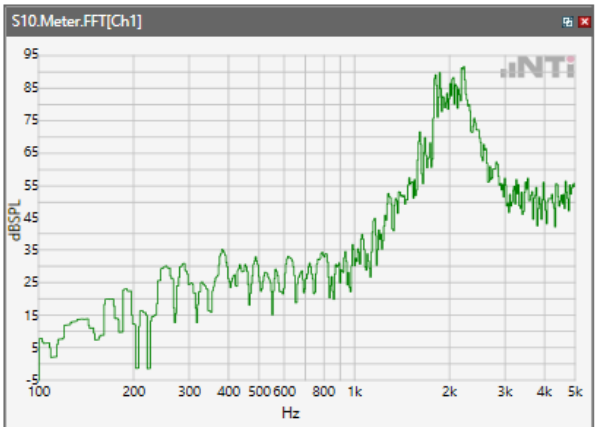
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

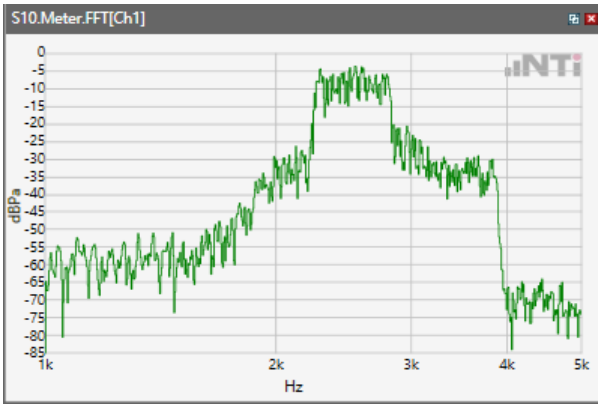


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

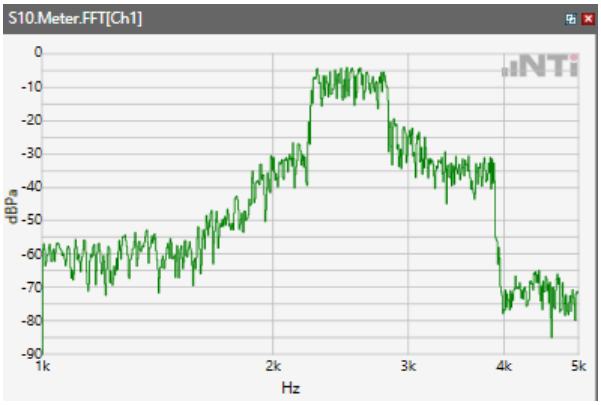


Receive path - distortion and noise 2500Hz WB&NB

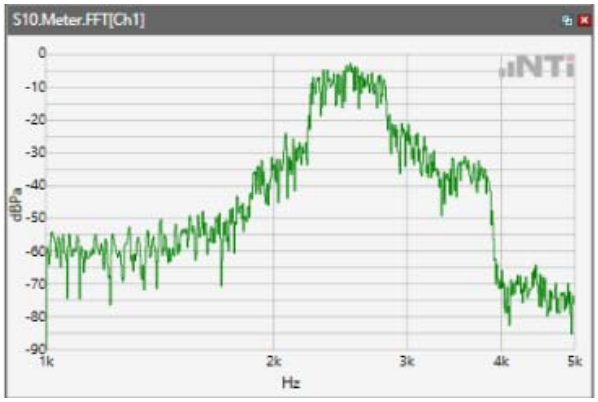
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



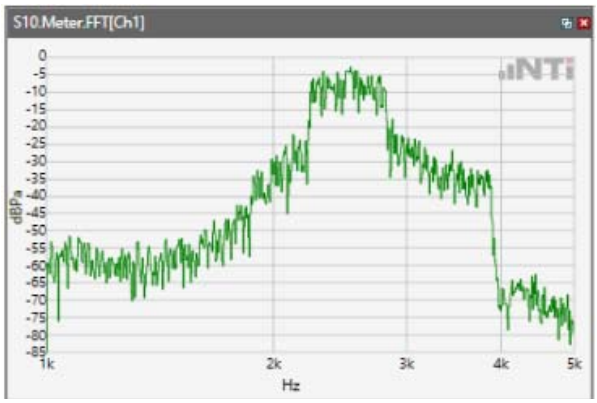
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



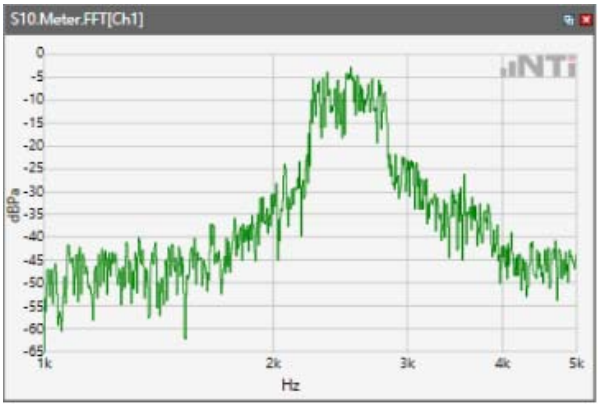
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



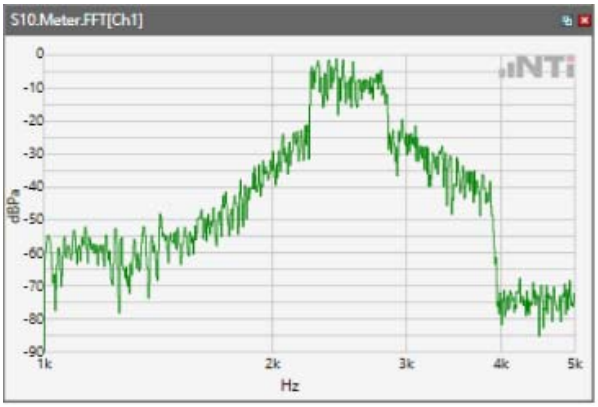
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



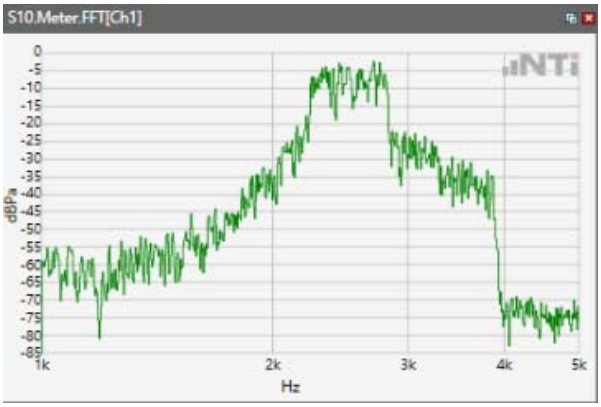
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



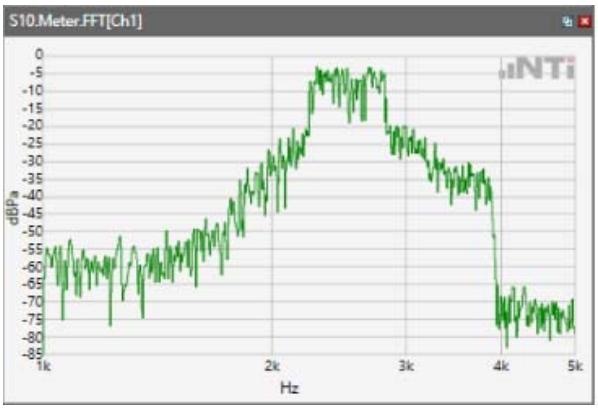
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



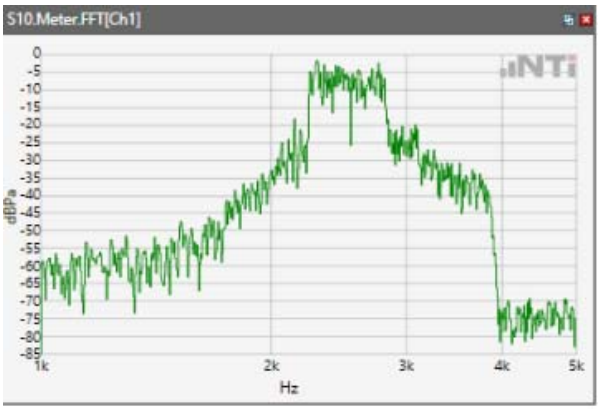
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



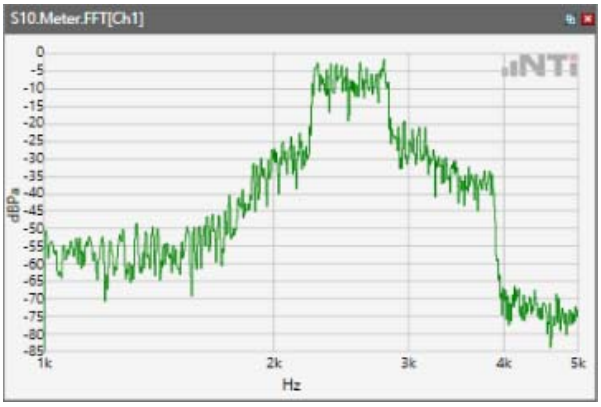
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



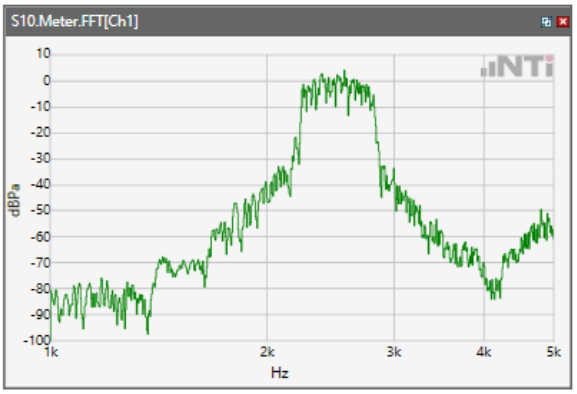
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



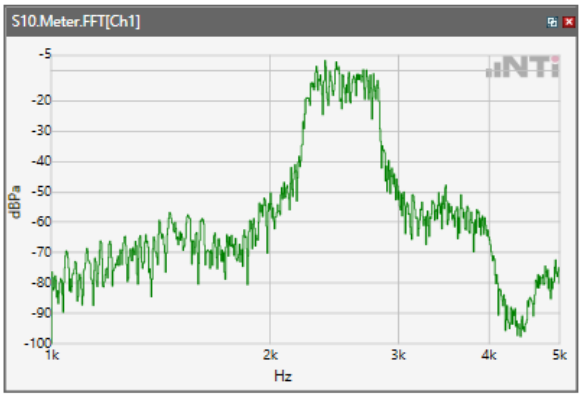
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



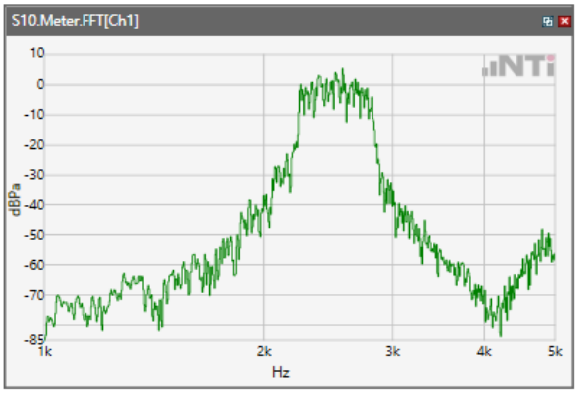
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



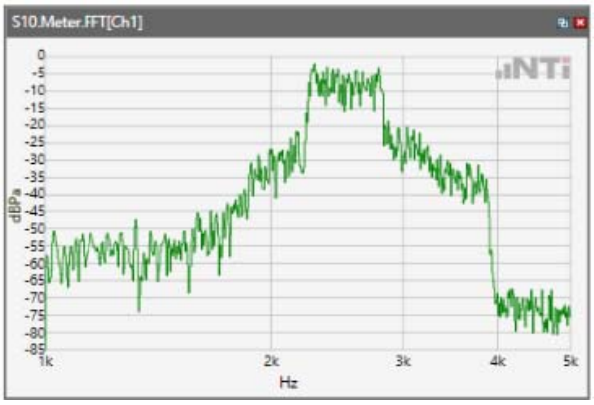
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



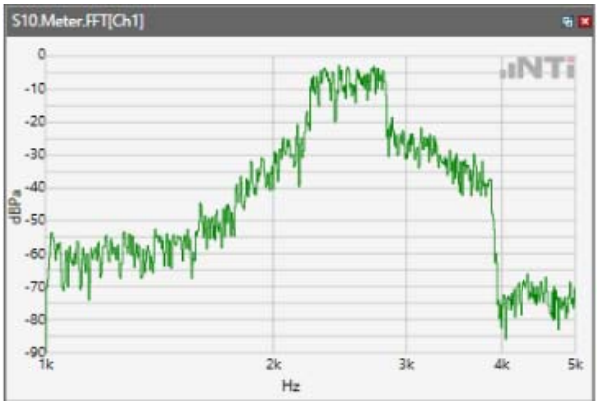
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



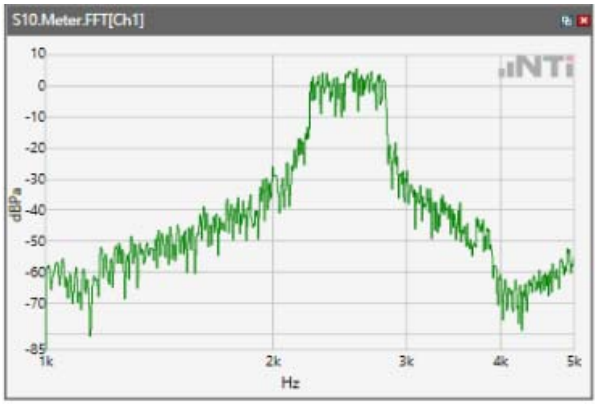
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



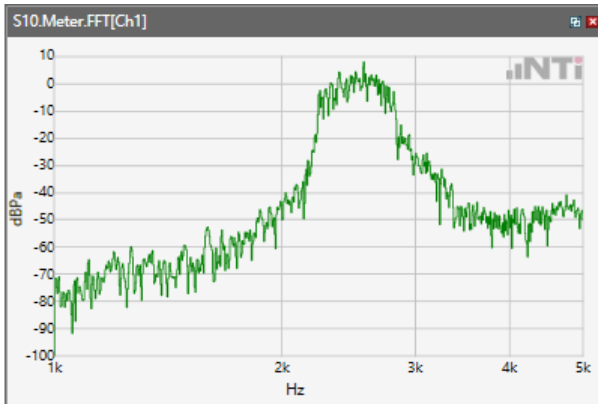
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



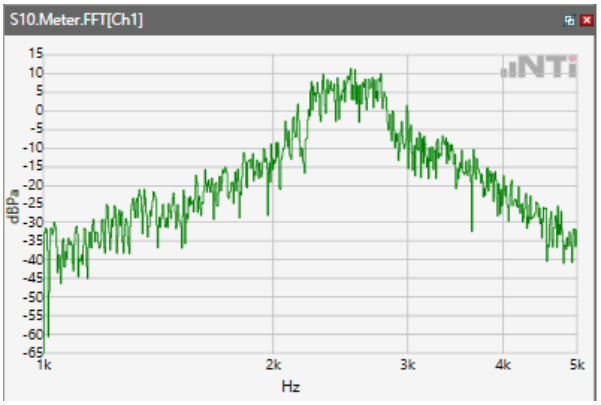
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



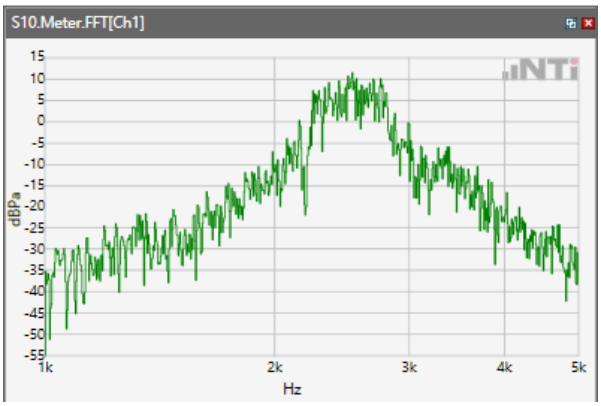
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



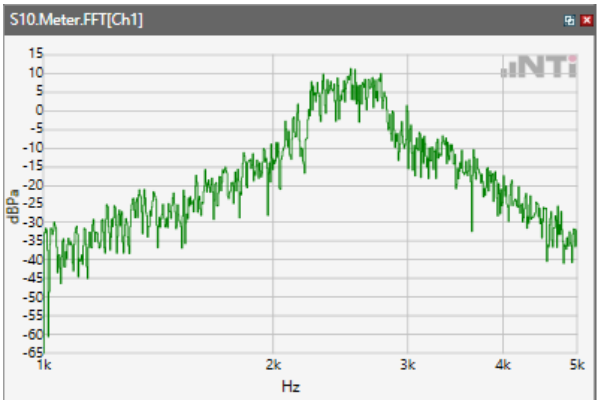
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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

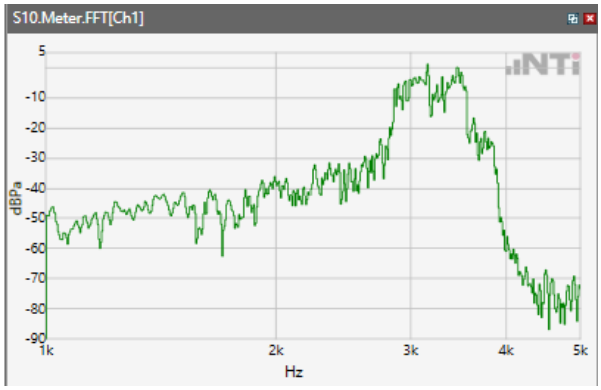


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8 GHz

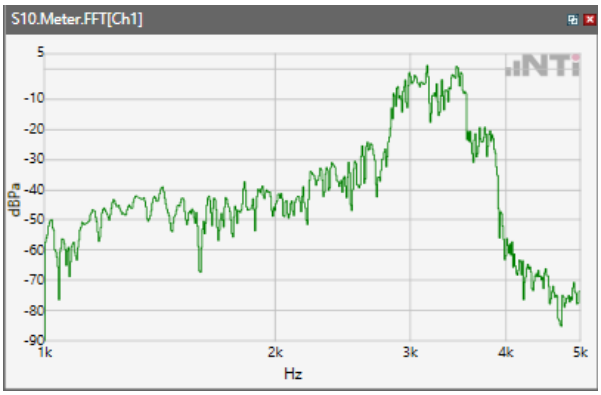


Receive path - distortion and noise 3150Hz WB&NB

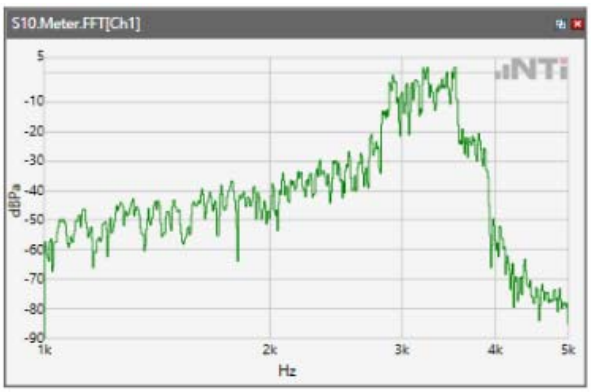
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



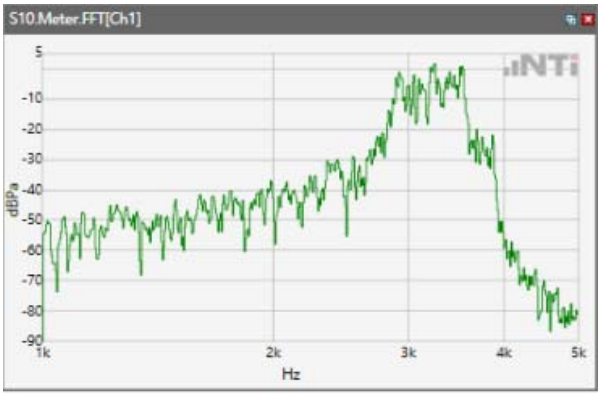
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



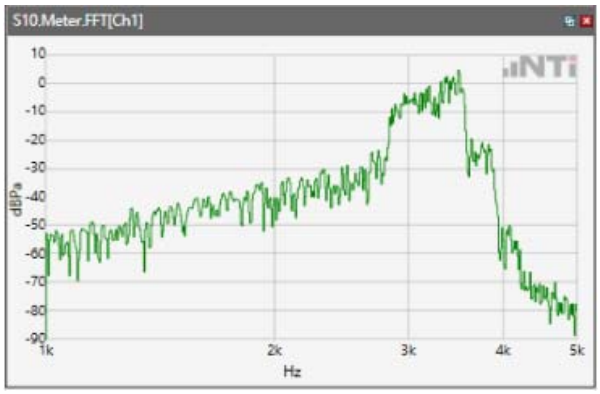
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



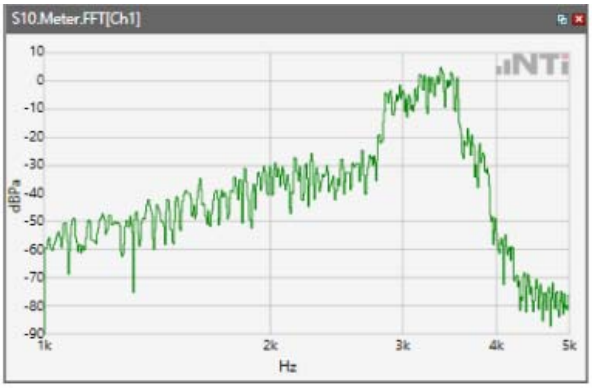
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



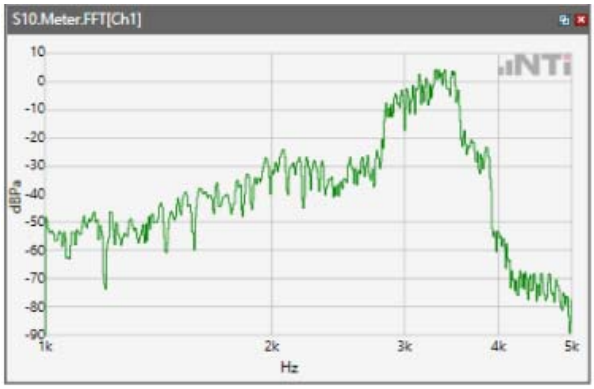
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



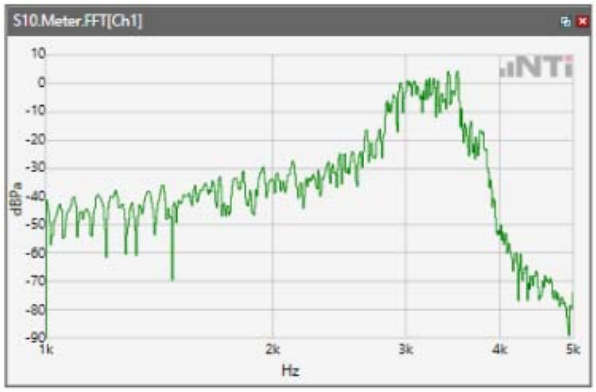
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



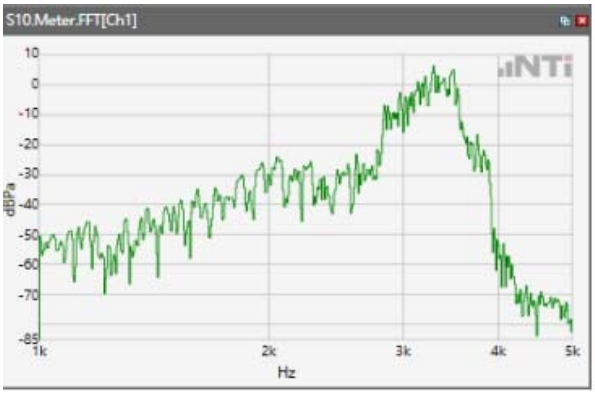
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



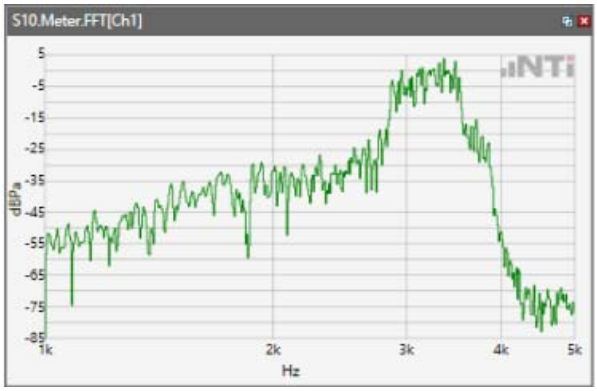
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



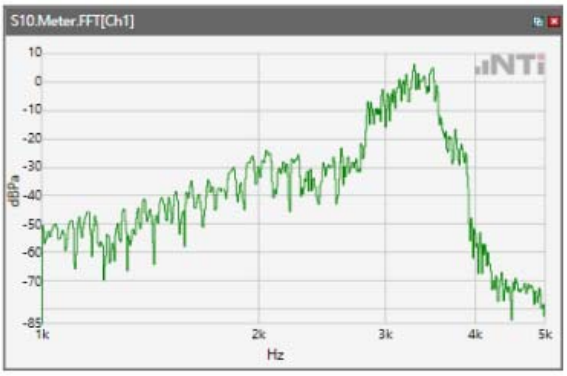
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



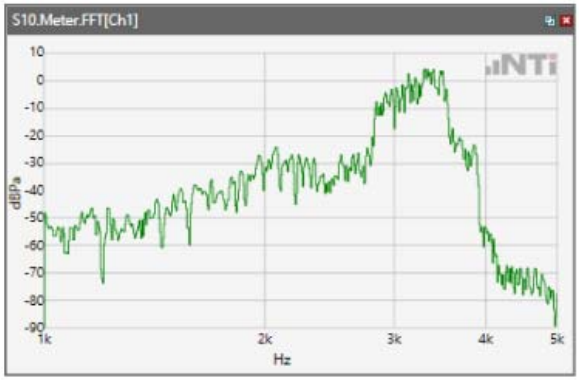
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



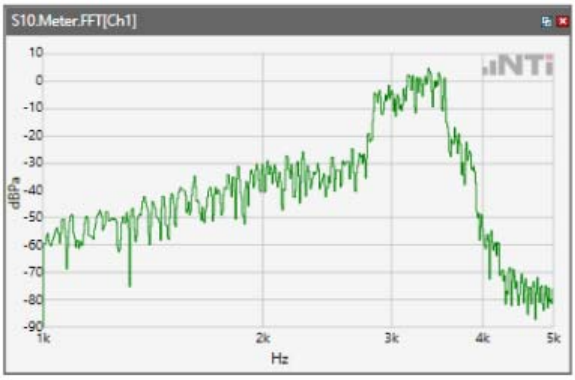
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



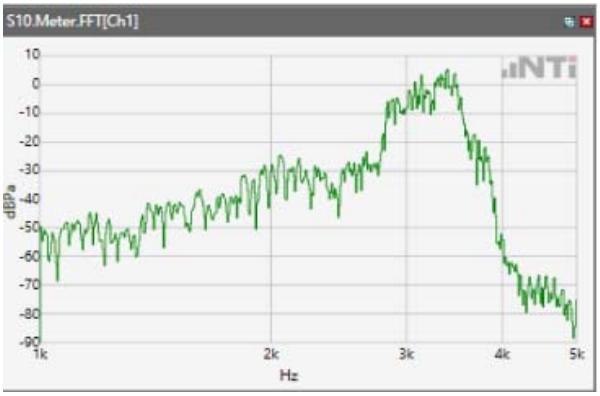
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



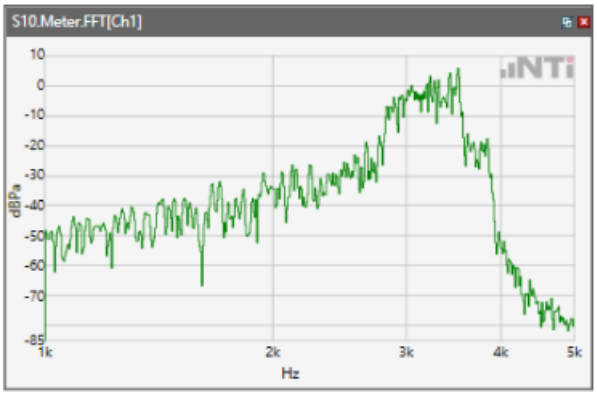
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



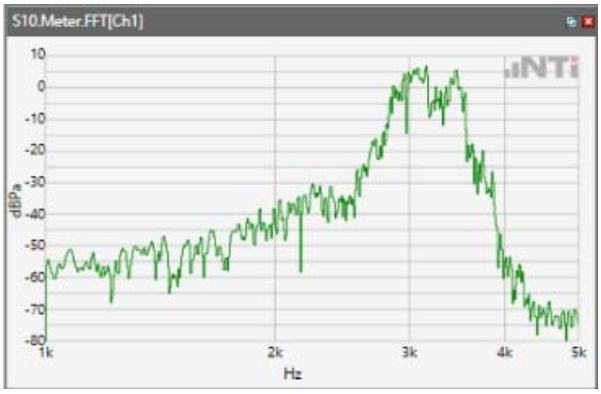
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



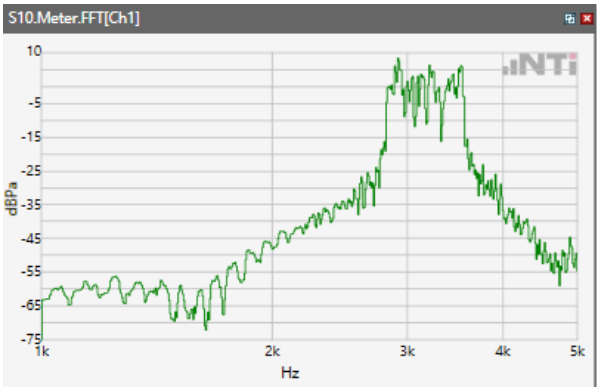
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



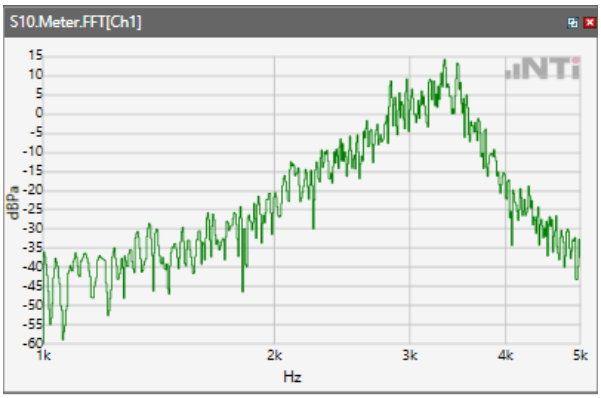
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



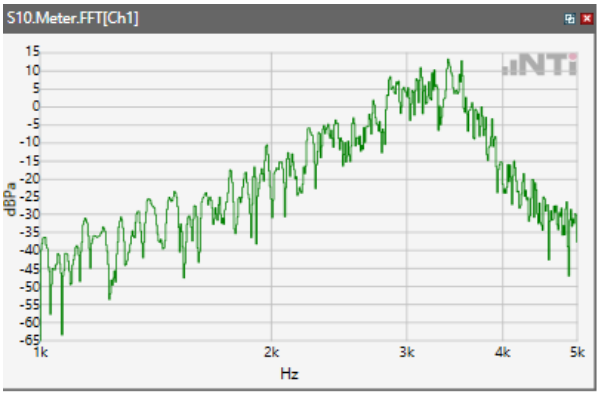
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2 GHz



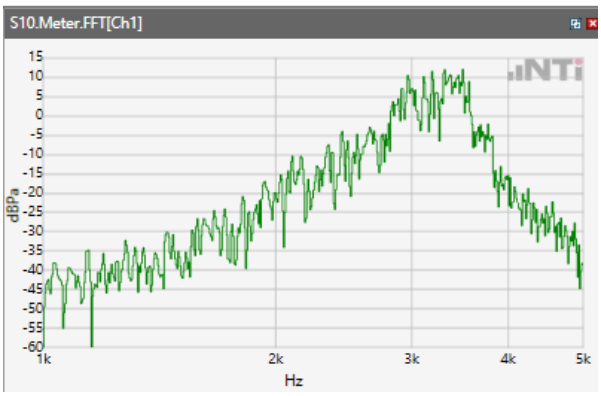
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3 GHz



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 5.8 GHz

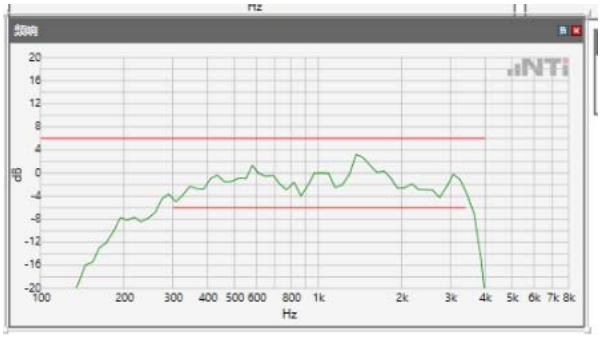


5.2 Receive path – distortion and noise

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

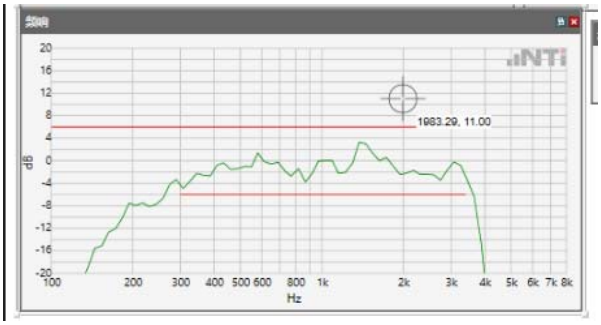
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

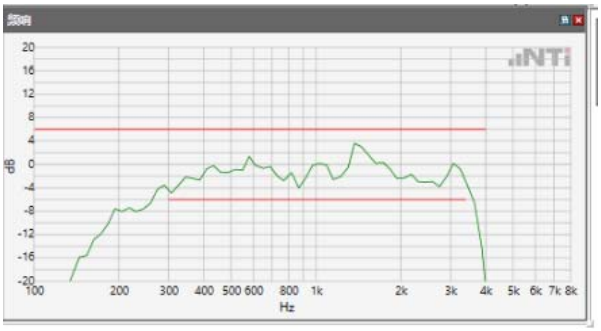
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

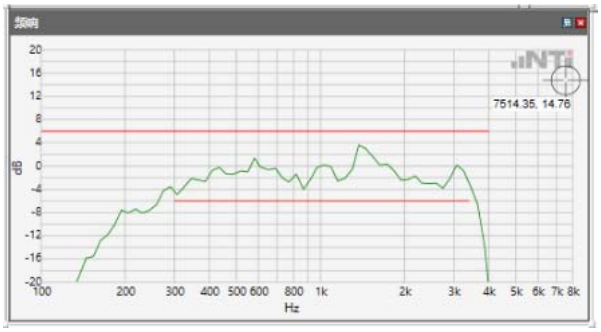
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

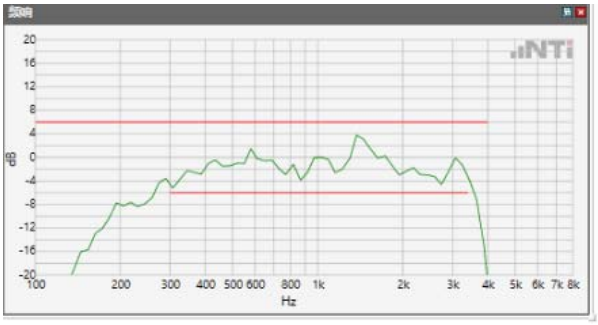
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

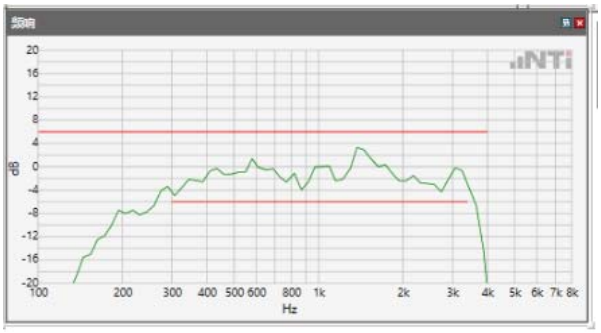
OK

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 4

Absolute minimal distance

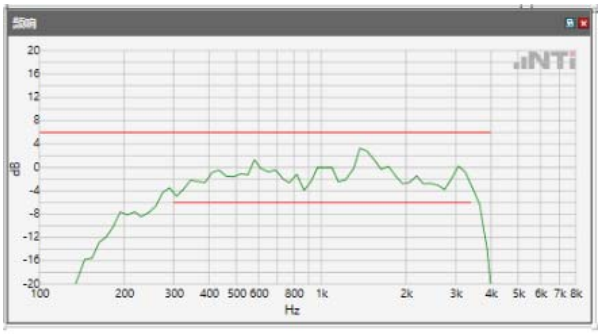
OK

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 12

Absolute minimal distance

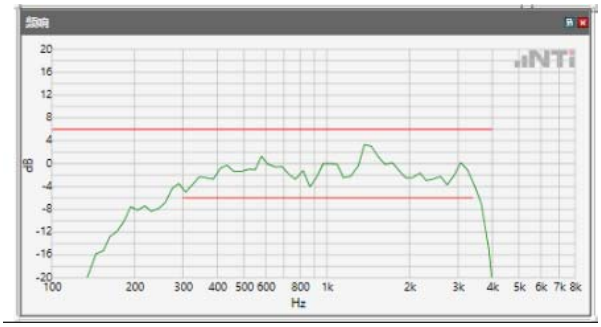
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 17



Absolute minimal distance

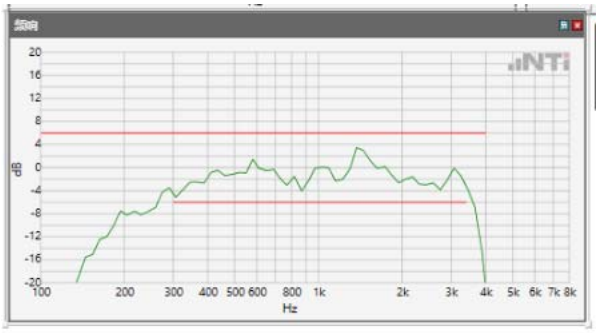
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

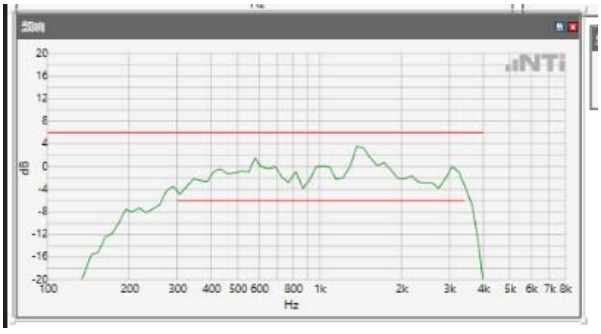
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

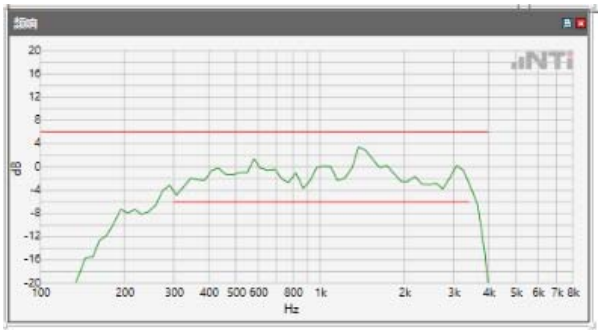
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

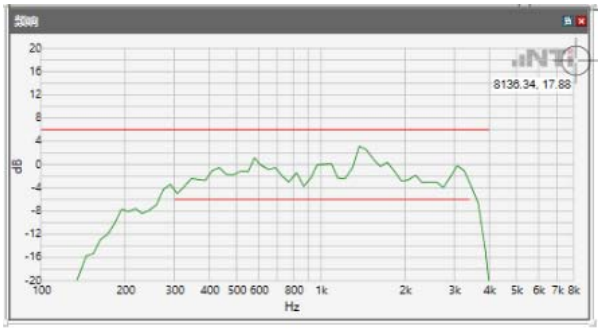
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

Absolute minimal distance

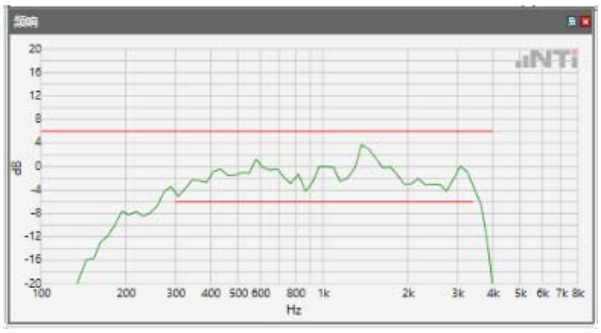
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

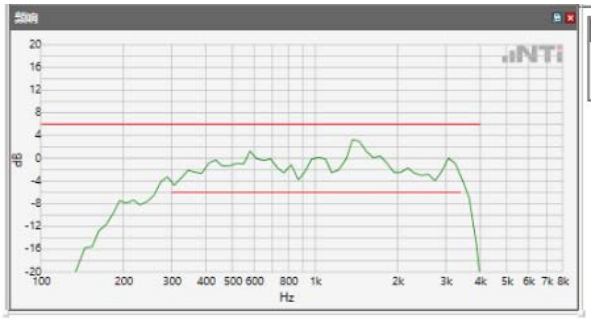
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

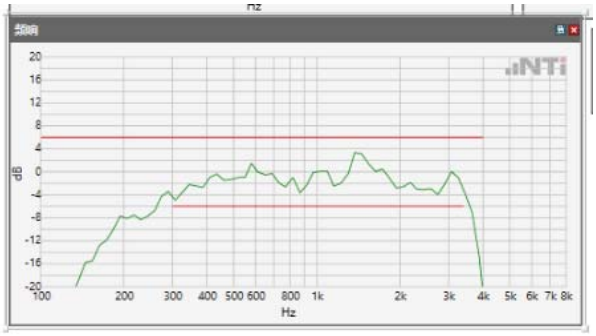
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

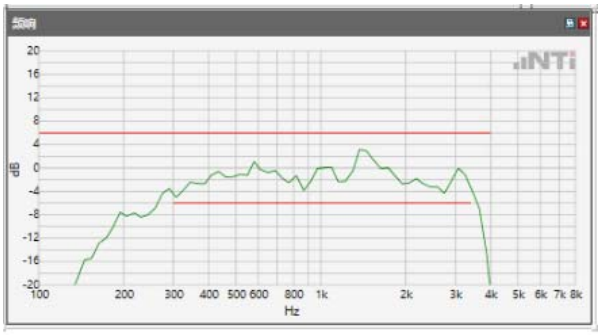
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

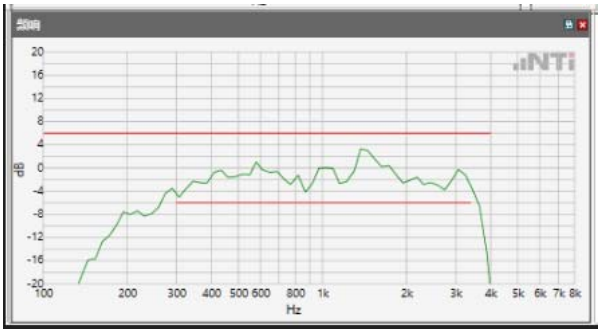
OK

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

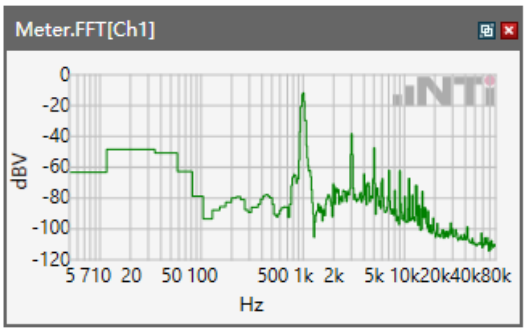
OK

Limits

	lower
Run 1	Fit into tolerance

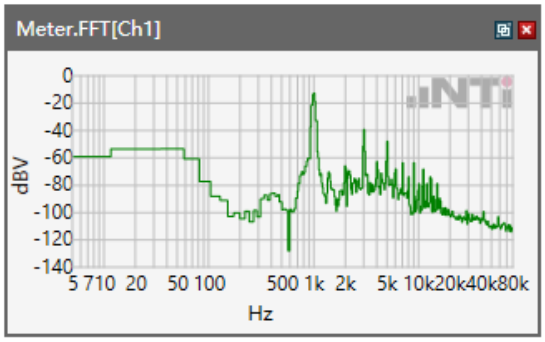
5.1 Receive Volume Control Performance 8N---WB

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



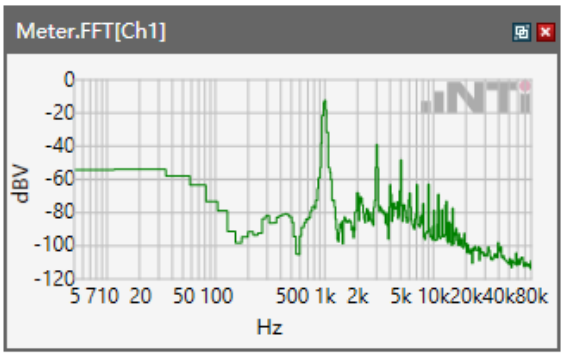
Speech Level RCV: 95.67 dB[SPL]

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



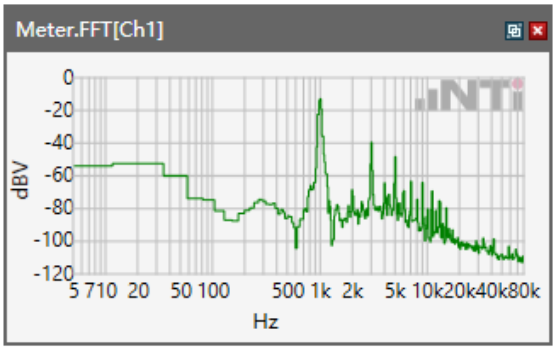
Speech Level RCV: 94.21 dB[SPL]

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



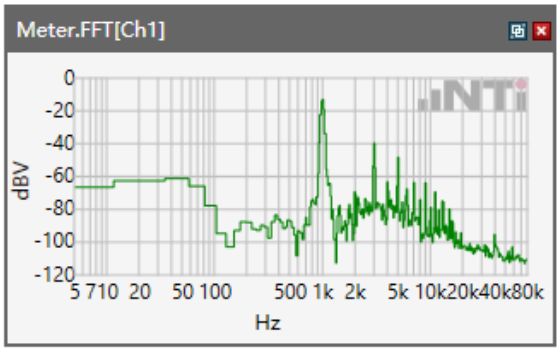
Speech Level RCV: 98.32 dB[SPL]

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



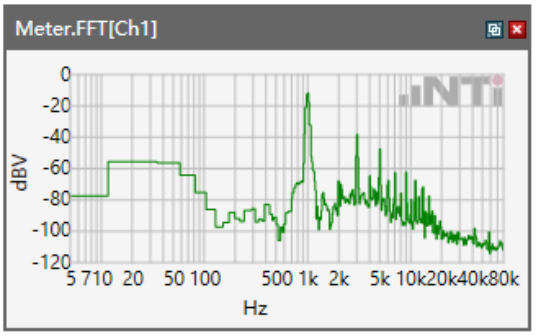
Speech Level RCV: 98.4 dB[SPL]

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



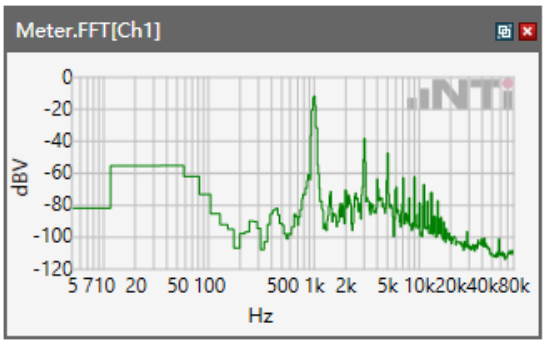
Speech Level RCV: 98.1 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \LTE Band 2



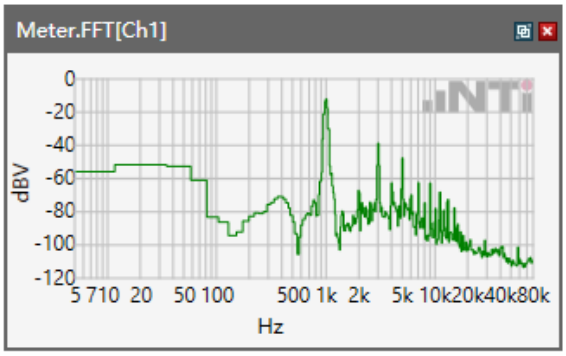
Speech Level RCV: 92.61 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \LTE Band 4



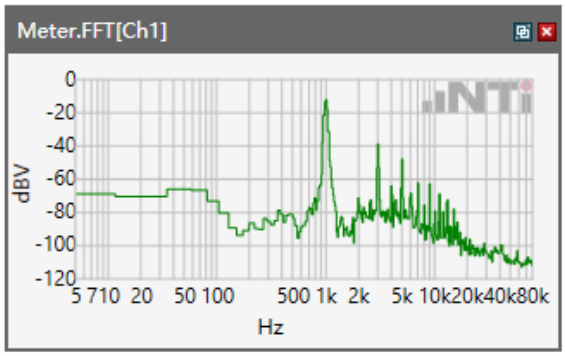
Speech Level RCV: 90.35 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 5



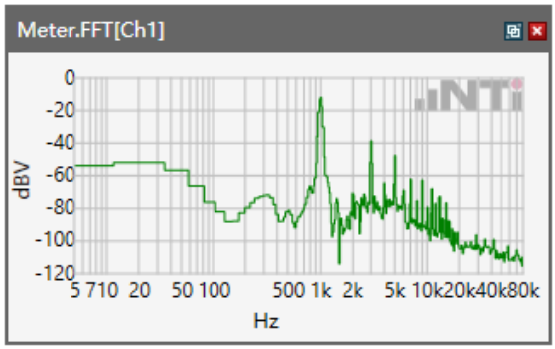
Speech Level RCV: 90.86 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 12



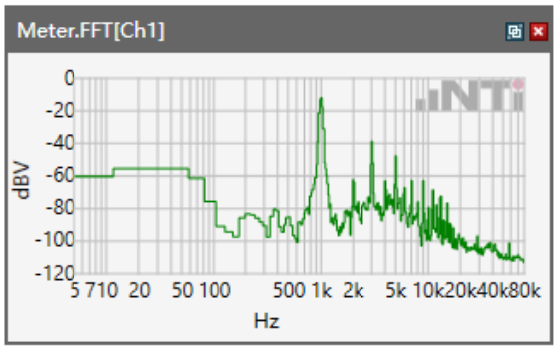
Speech Level RCV: 91.16 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 17



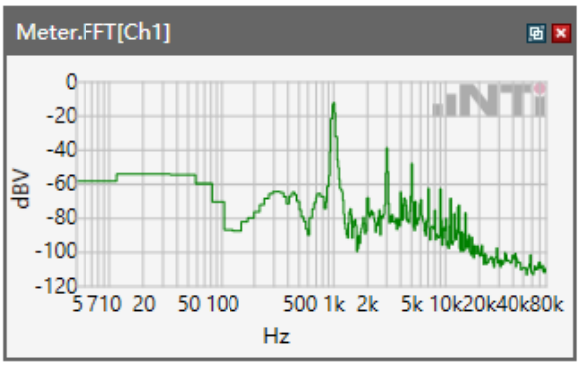
Speech Level RCV: 88.69 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 25



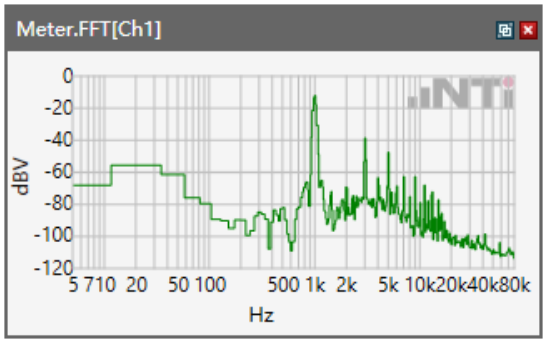
Speech Level RCV: 90.88 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 26



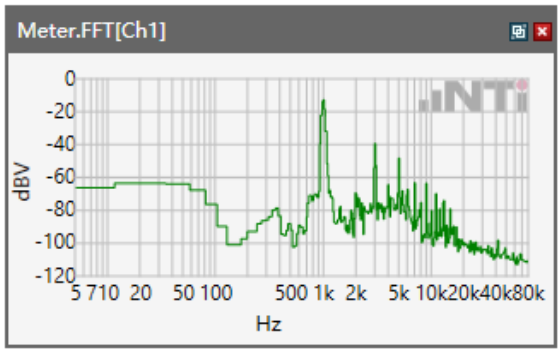
Speech Level RCV: 91.38 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 41



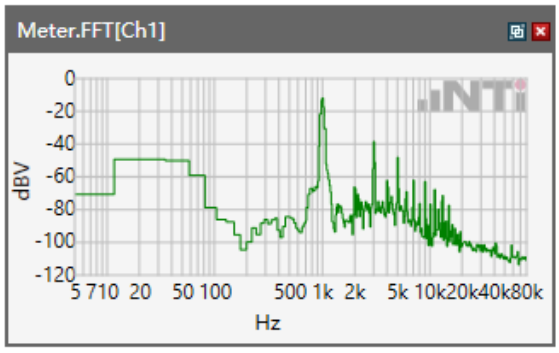
Speech Level RCV: 90.58 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 66



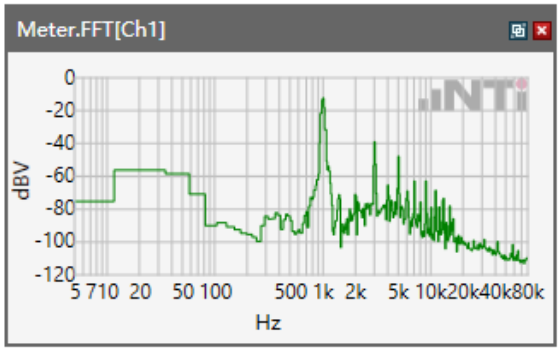
Speech Level RCV: 90.68 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps \ LTE Band 71



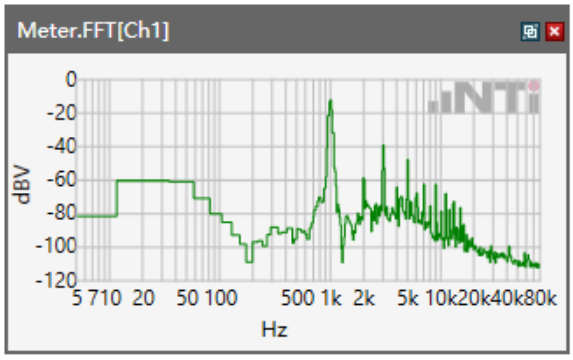
Speech Level RCV: 94.12 dB[SPL]

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



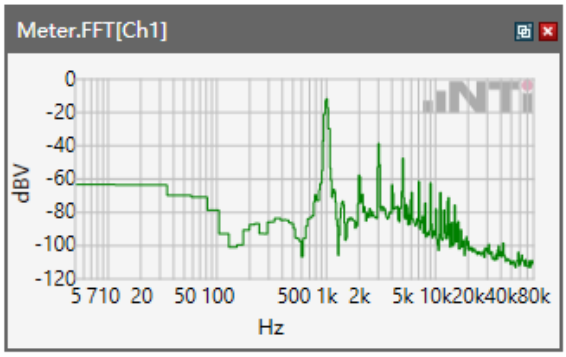
Speech Level RCV: 97.09 dB[SPL]

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



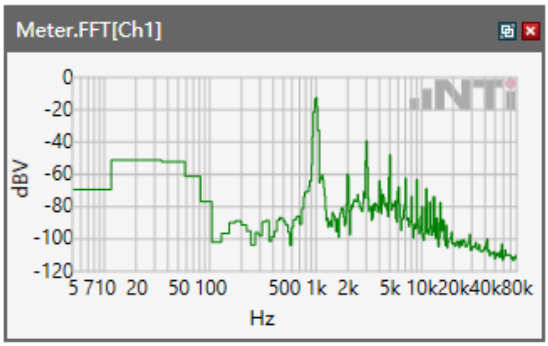
Speech Level RCV: 92.09 dB[SPL]

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



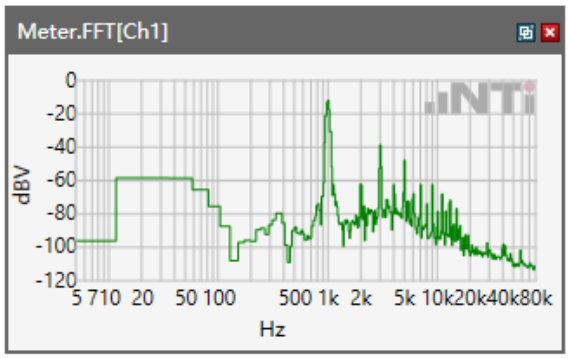
Speech Level RCV: 96.25 dB[SPL]

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



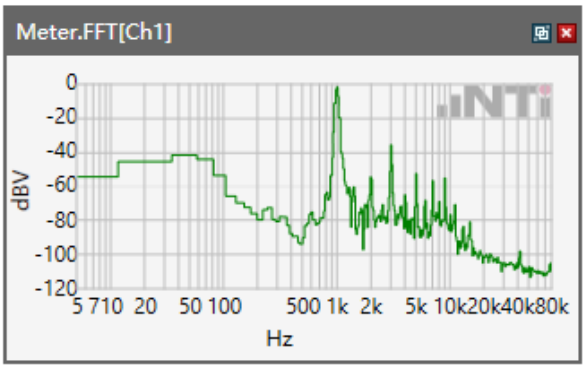
Speech Level RCV: 98.04 dB[SPL]

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



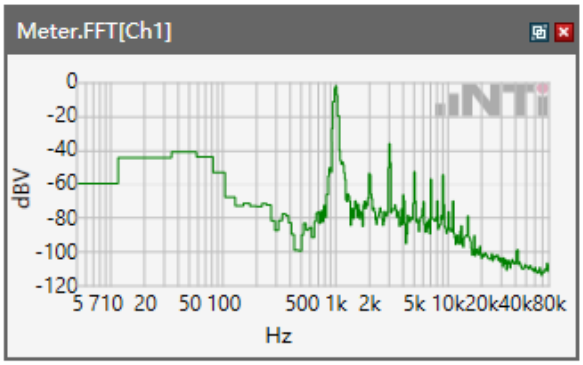
Speech Level RCV: 91.24 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \GSM 850



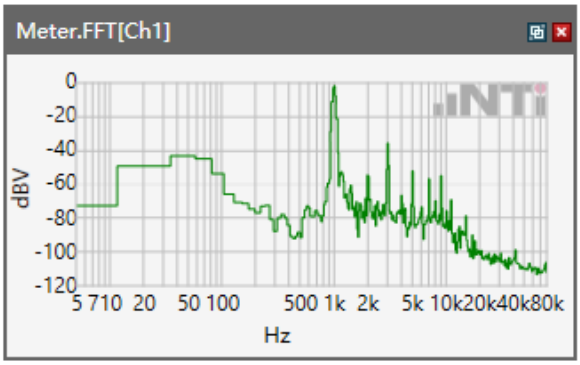
Speech Level RCV: 96.81 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \GSM 1900



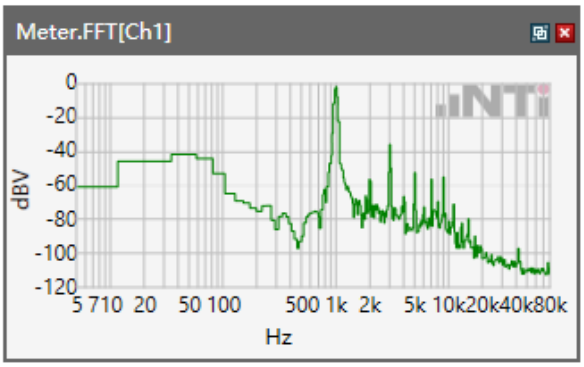
Speech Level RCV: 98.72 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \WCDMA Band II



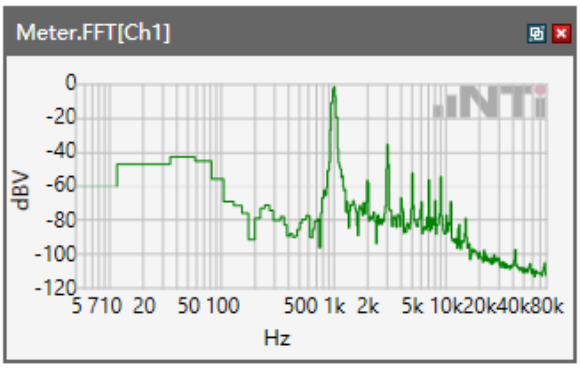
Speech Level RCV: 96.05 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \WCDMA Band IV



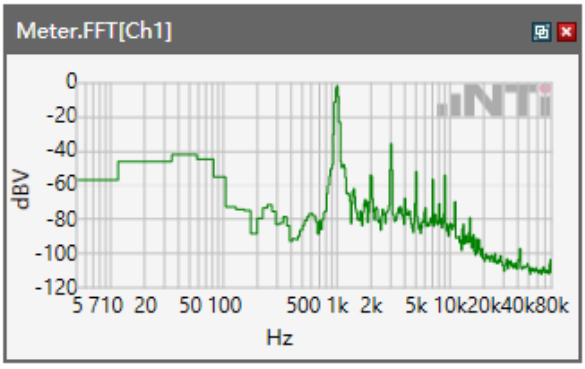
Speech Level RCV: 98.17 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \WCDMA Band V



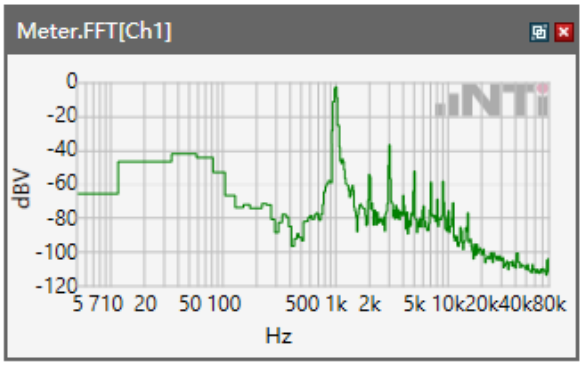
Speech Level RCV: 99.13 dB[SPL]

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



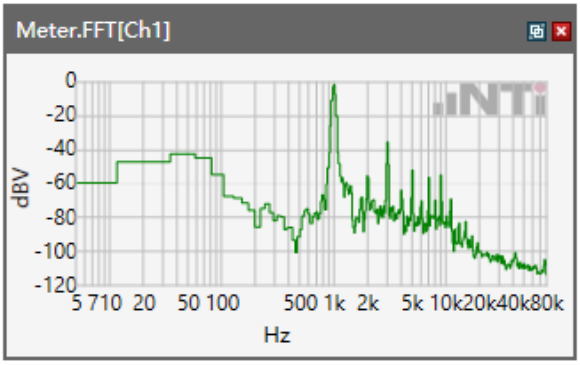
Speech Level RCV: 99.04 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \LTE Band 4



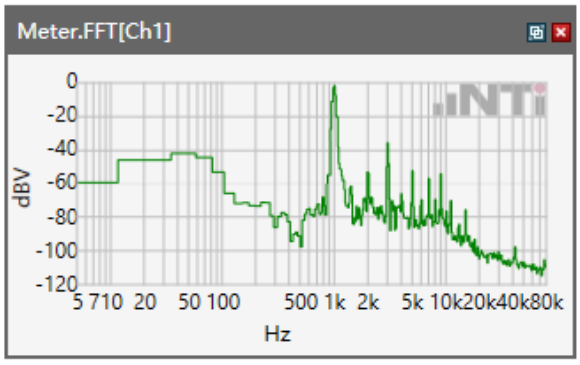
Speech Level RCV: 95.12 dB[SPL]

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



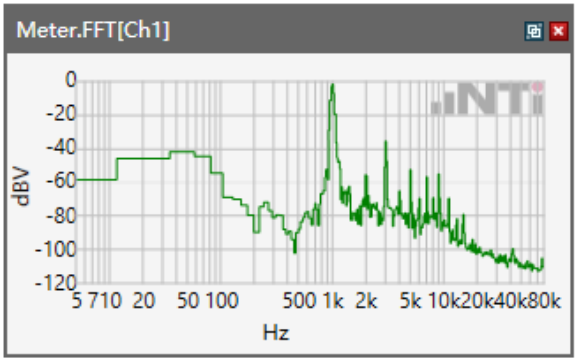
Speech Level RCV: 97.74 dB[SPL]

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



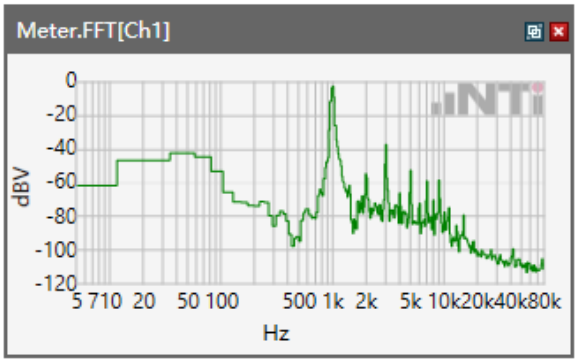
Speech Level RCV: 99.03 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 17



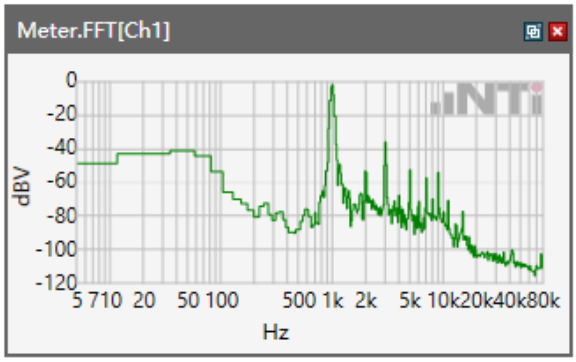
Speech Level RCV: 98.19 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 25



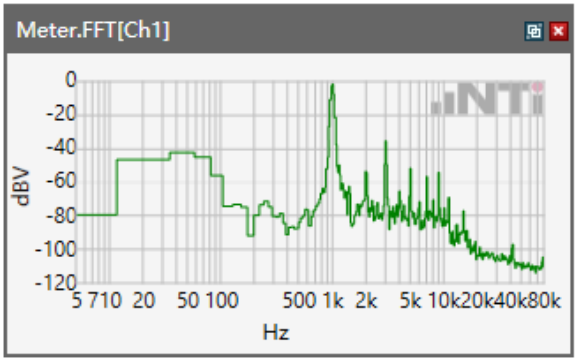
Speech Level RCV: 97.02 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 26



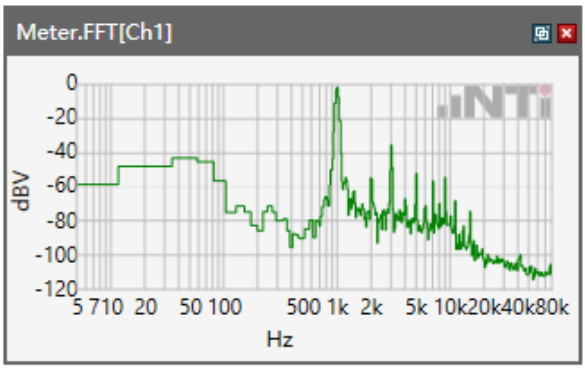
Speech Level RCV: 96.56 dB[SPL]

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 41



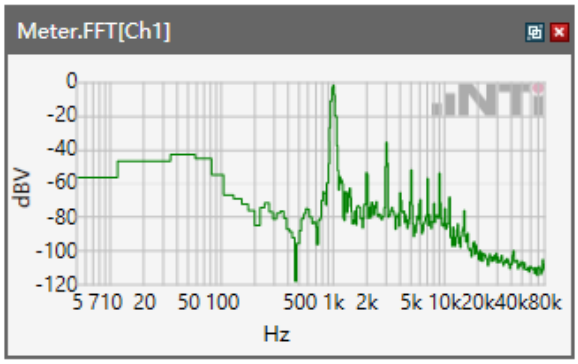
Speech Level RCV: 98.23 dB[SPL]

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



Speech Level RCV: 99.07 dB[SPL]

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



Speech Level RCV: 93.26 dB[SPL]

5.1.1 -1 Conversation Gain 8N

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

Correction

rcv_vol_wb	95.67 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 25.67 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	94.21 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 24.21 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	98.32 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.32 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	98.4 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.4 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	98.1 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.1 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\LTE Band 2

Correction

rcv_vol_wb	92.61 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 22.61 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 4

Correction

rcv_vol_wb	90.35 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 20.35 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 5

Correction

rcv_vol_wb	90.86 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 20.86 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 12

Correction

rcv_vol_wb	91.16 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 21.16 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 17

Correction

rcv_vol_wb	88.69 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 18.69 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 25

Correction

rcv_vol_wb	90.88 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 20.88 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 26

Correction

rcv_vol_wb	91.38 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 21.38 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 41

Correction

rcv_vol_wb	90.58 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 20.58 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 66

Correction

rcv_vol_wb	90.68 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 20.68 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ LTE Band 71

Correction

rcv_vol_wb	94.12 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 24.12 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	97.09 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 27.09 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	92.09 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 22.09 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	96.25 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 26.25 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	98.04 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.04 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	91.24 dB[SPL]	2024.3.31	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 21.24 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\GSM 850

Correction

rcv_vol_wb	96.81dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 26.81 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \GSM 1900

Correction

rcv_vol_wb	98.72 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.72 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \WCDMA Band II

Correction

rcv_vol_wb	96.05 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 26.05 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \WCDMA Band IV

Correction

rcv_vol_wb	98.17 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.17 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ WCDMA Band V

Correction

rcv_vol_wb	99.13 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 29.13 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	99.04 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 29.04 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 4

Correction

rcv_vol_wb	95.12 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 25.12 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	97.74 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 27.74 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	99.03 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 29.03 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 17

Correction

rcv_vol_wb	98.19 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.19 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 25

Correction

rcv_vol_wb	97.02 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 27.02 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 26

Correction

rcv_vol_wb	96.56 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 26.56 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ LTE Band 41

Correction

rcv_vol_wb	98.23 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 28.23 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	99.07 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 29.07 dB OK

Ok

Limits

	lower
Run 1	6.00 dB

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

Correction

rcv_vol_wb	93.26 dB[SPL]	2024.5.8	Measured	5.1 Receive Volume Control Performance 8N

rcv_vol_wb-70

Calculated Value: 23.26 dB OK

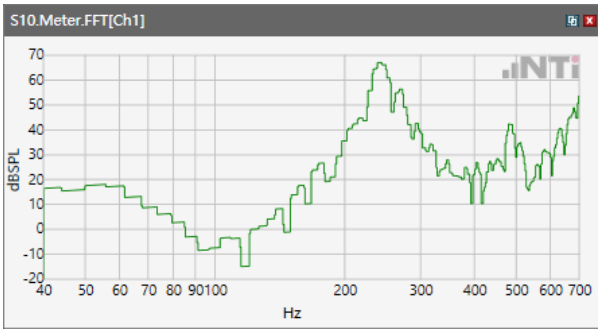
Ok

Limits

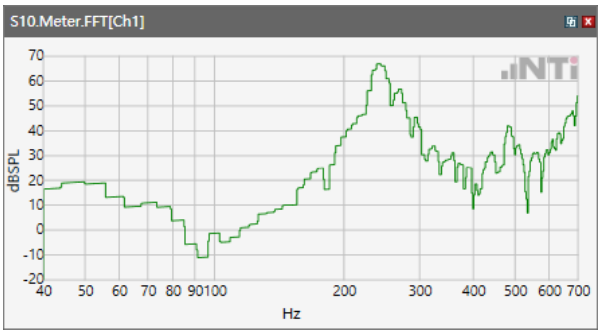
	lower
Run 1	6.00 dB

Receive path - distortion and noise 250 WB only

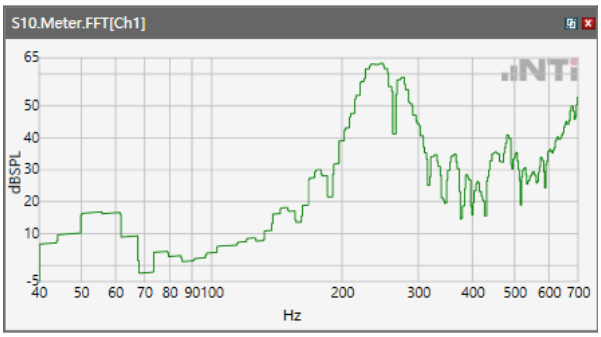
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



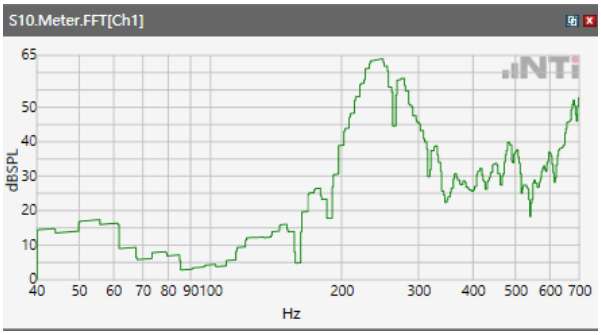
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



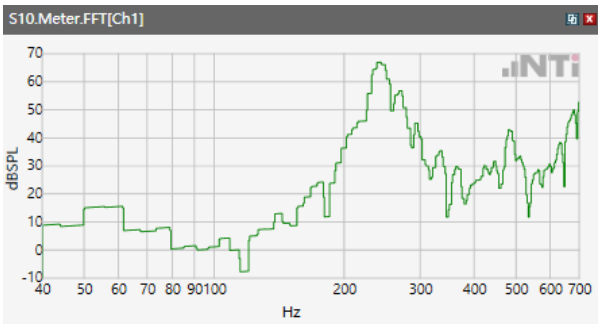
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



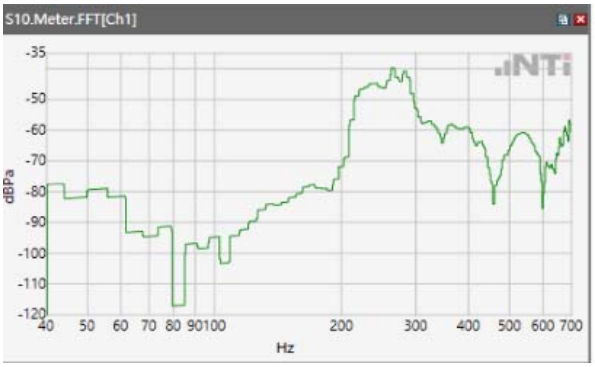
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



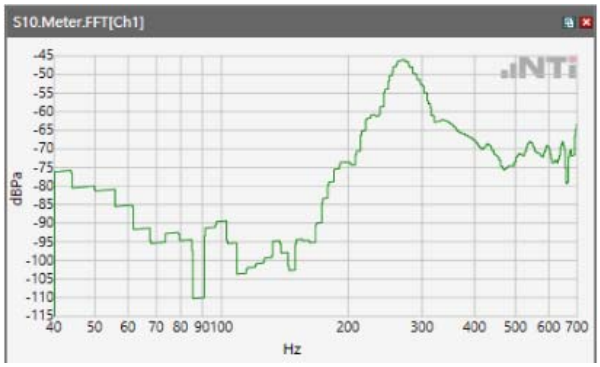
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



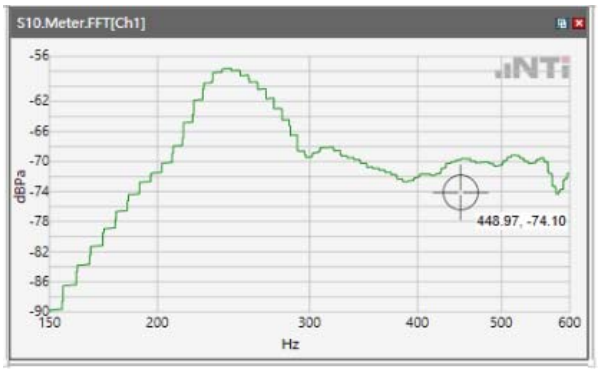
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

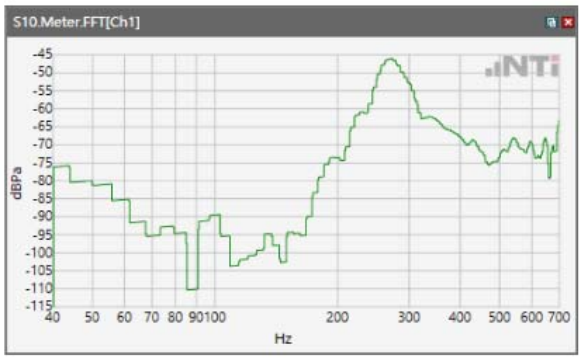


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



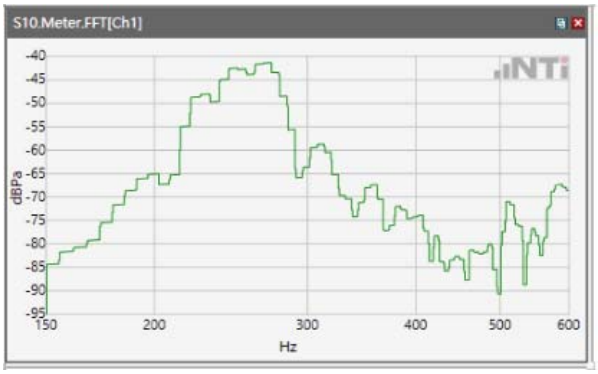
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



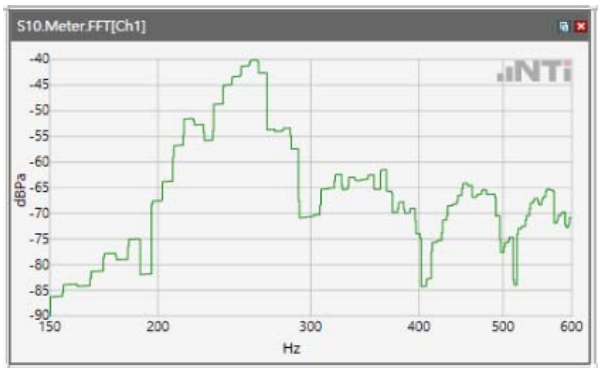
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 26

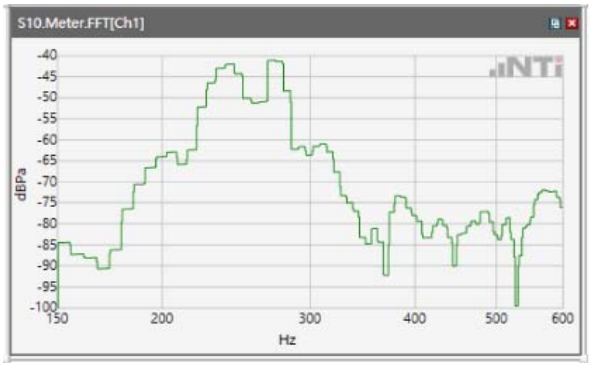


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 41

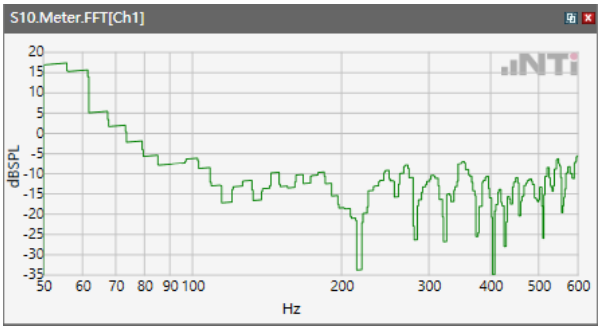
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



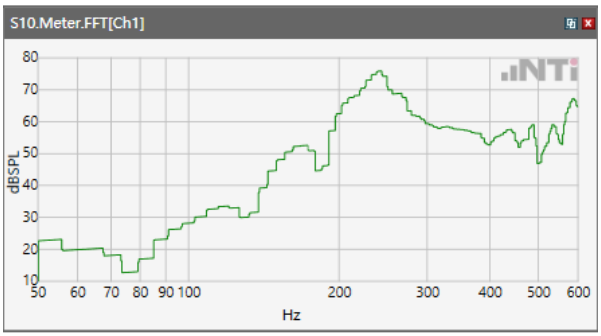
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



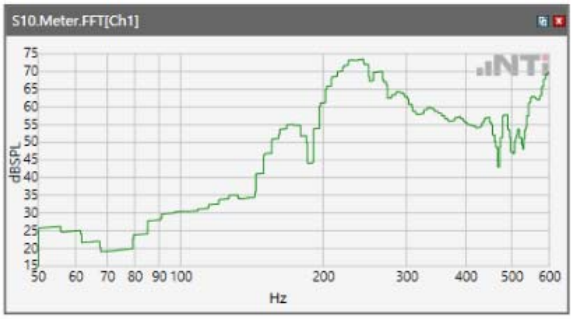
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



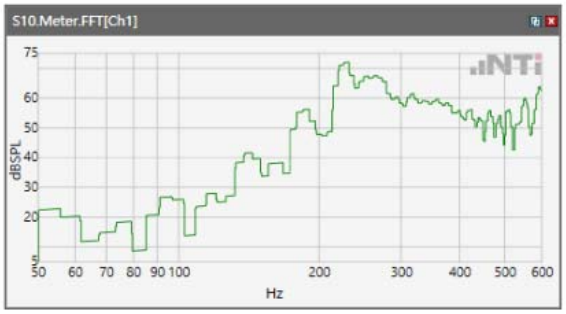
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



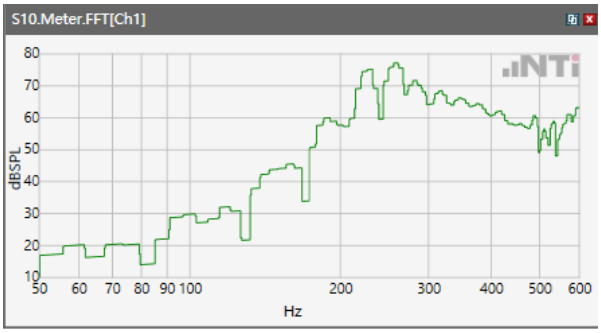
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



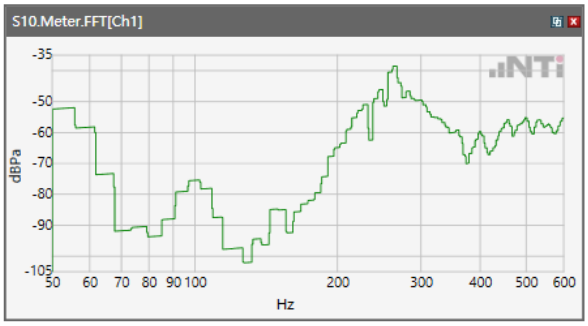
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



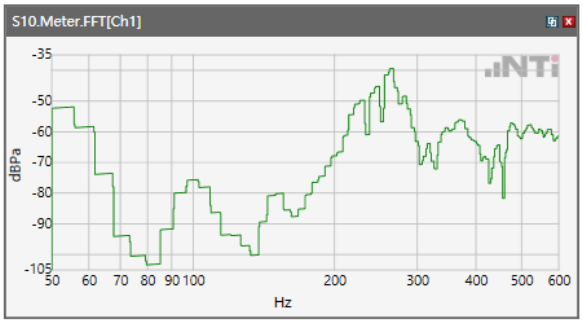
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz



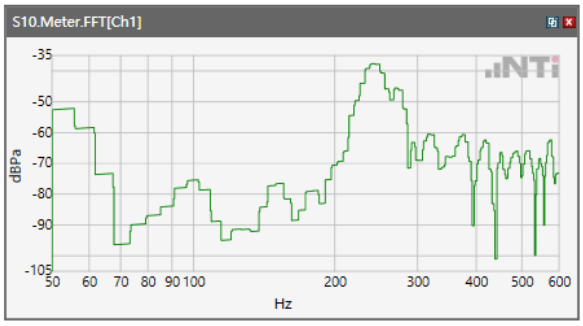
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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

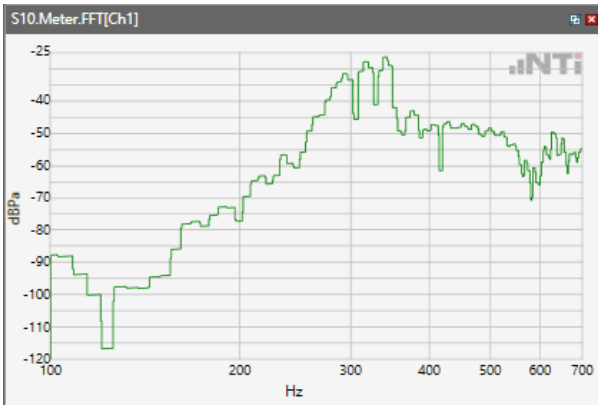


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 41

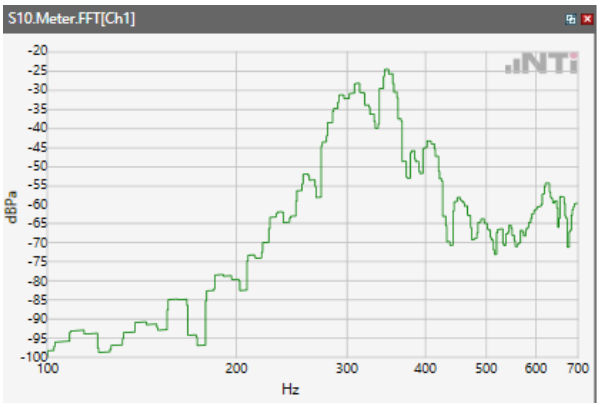


Receive path - distortion and noise 315Hz WB only

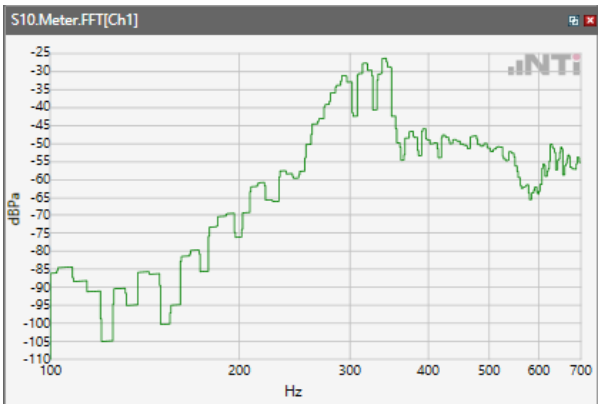
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



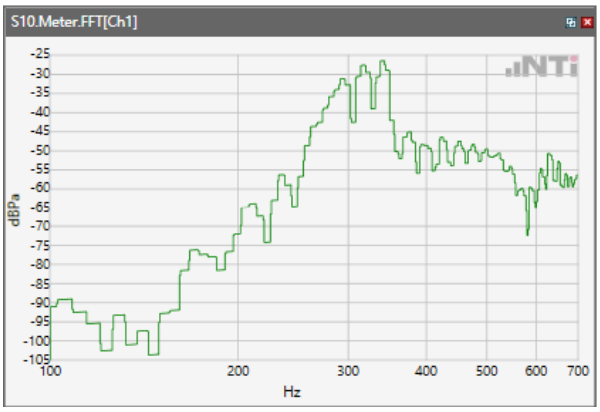
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



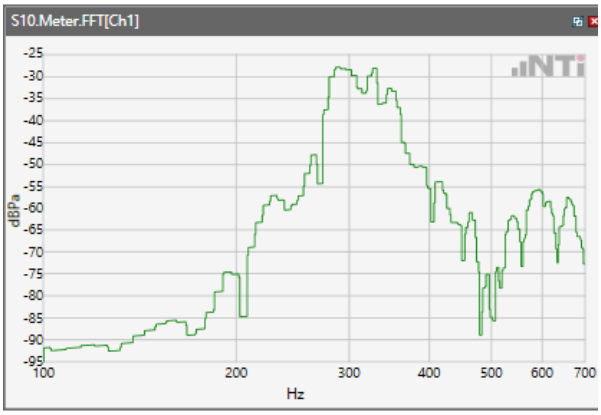
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



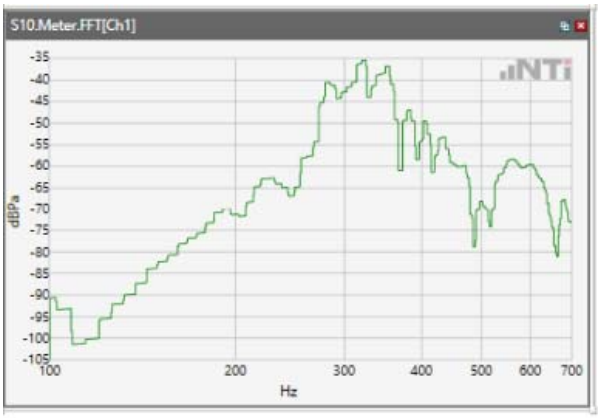
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



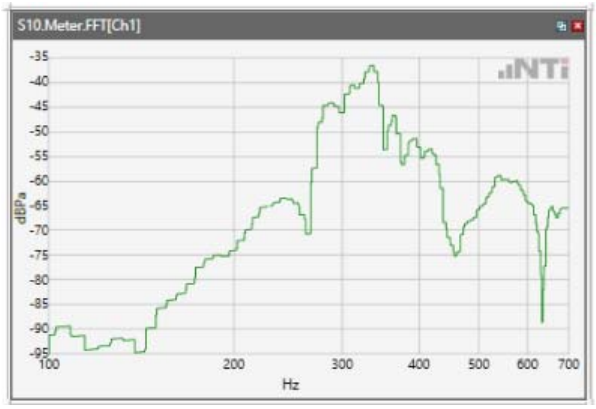
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



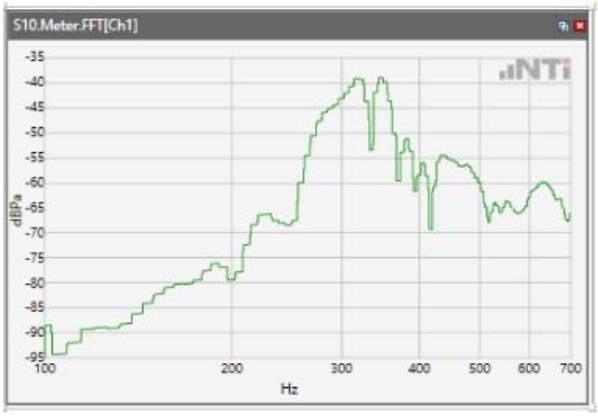
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



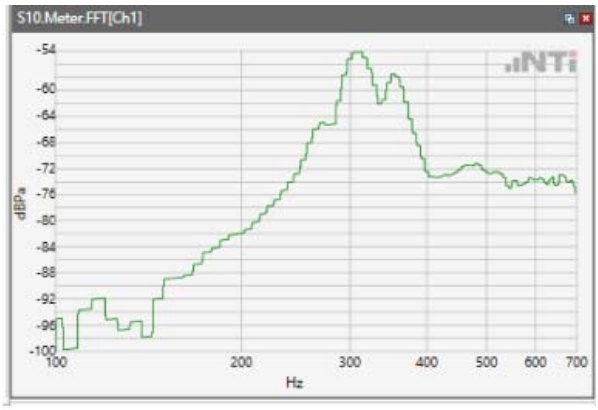
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



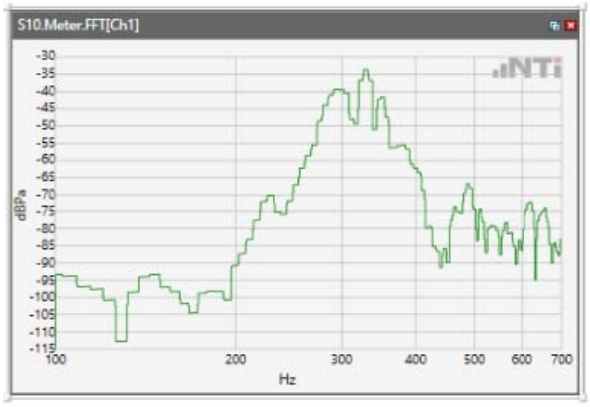
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



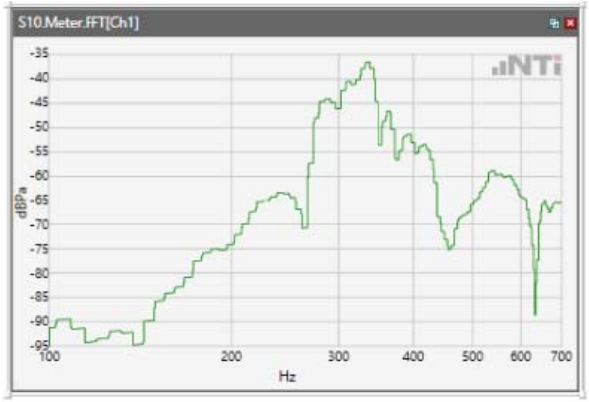
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



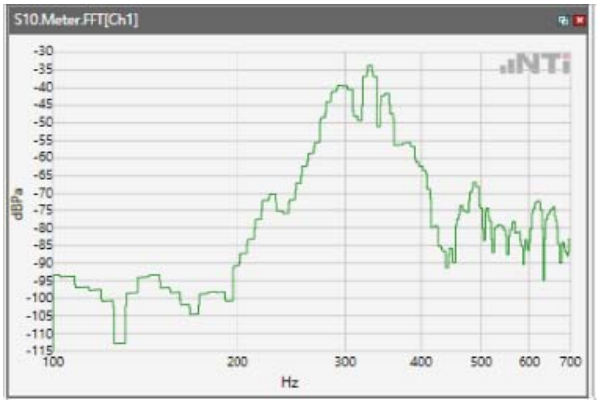
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



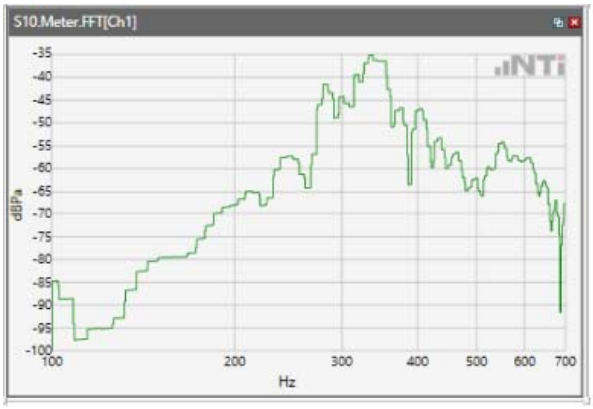
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



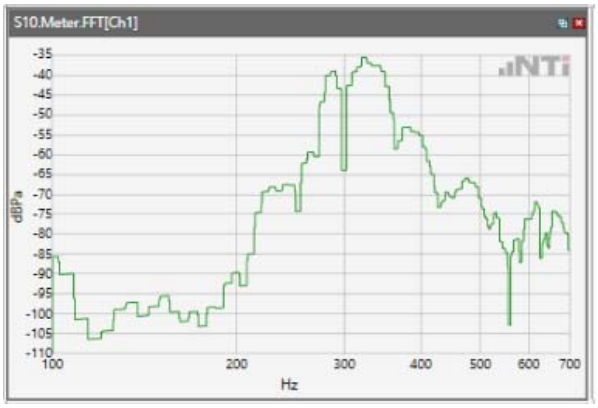
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



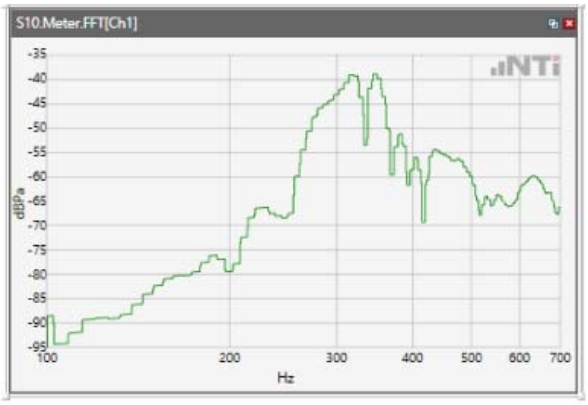
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



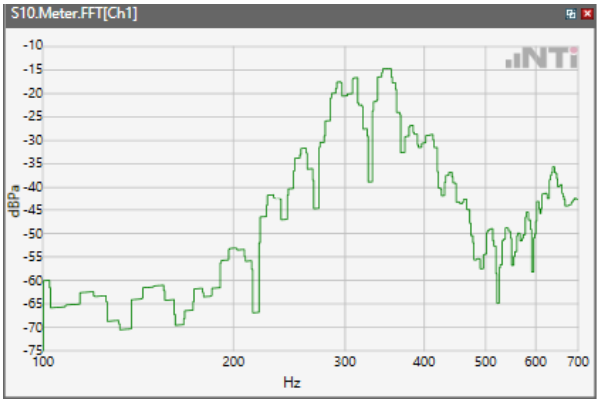
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



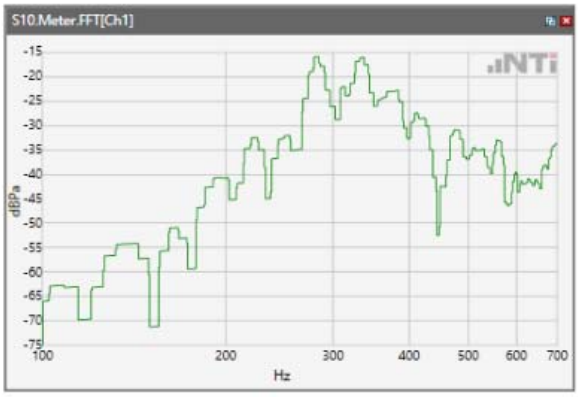
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



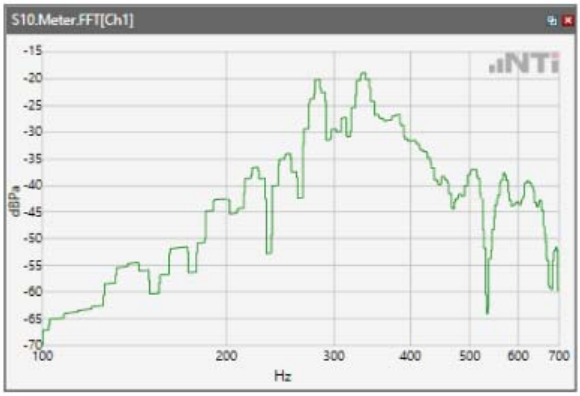
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



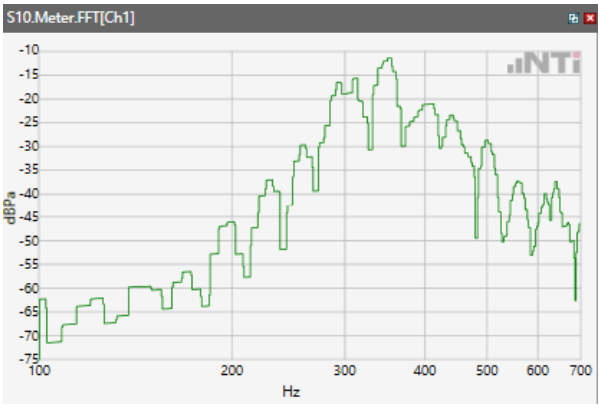
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



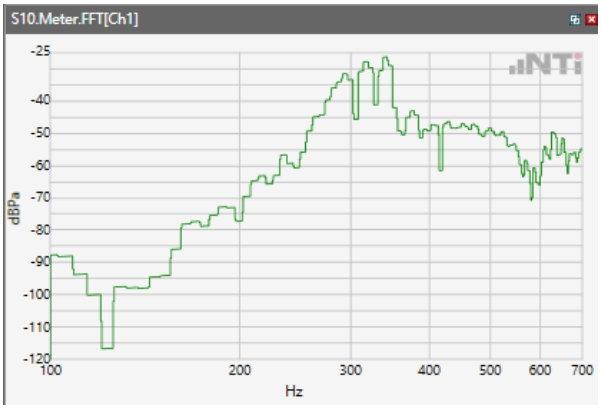
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



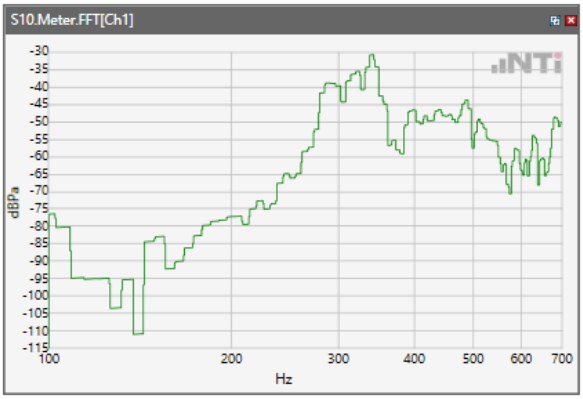
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



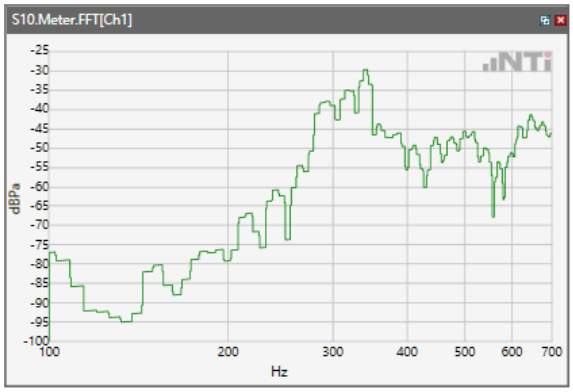
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz



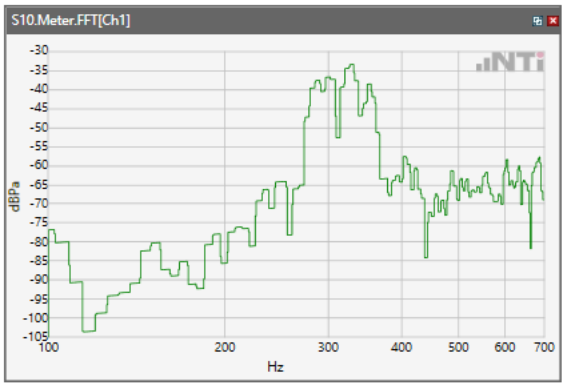
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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

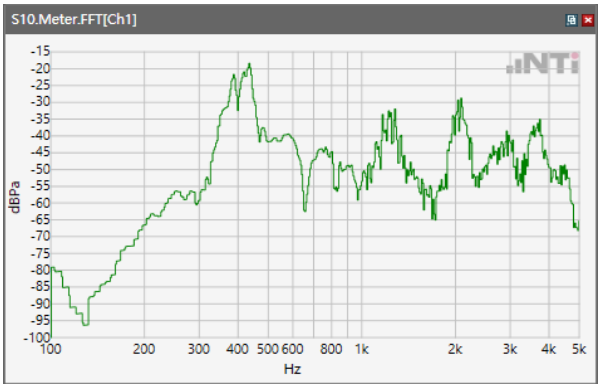


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 41

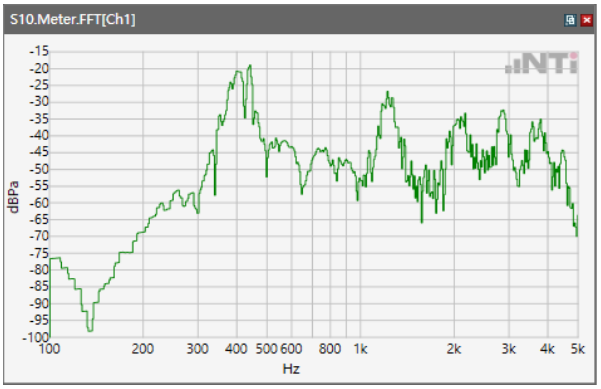


Receive path - distortion and noise 400Hz WB&NB

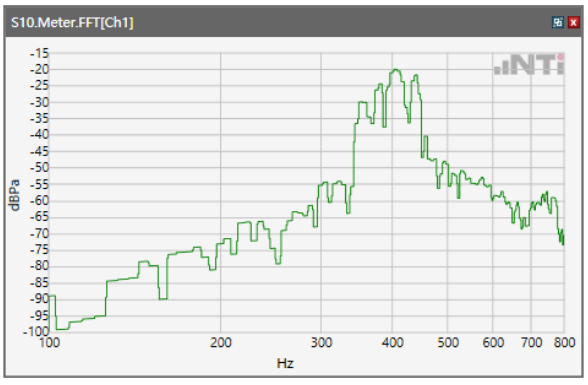
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



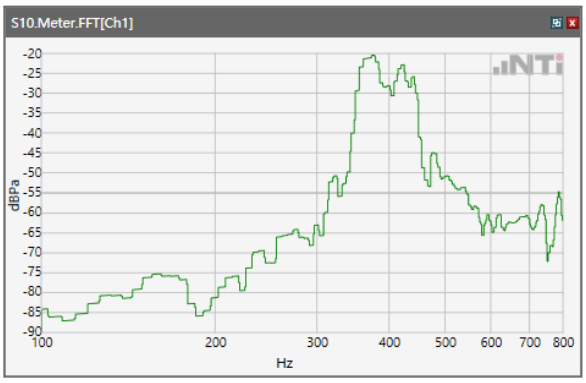
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



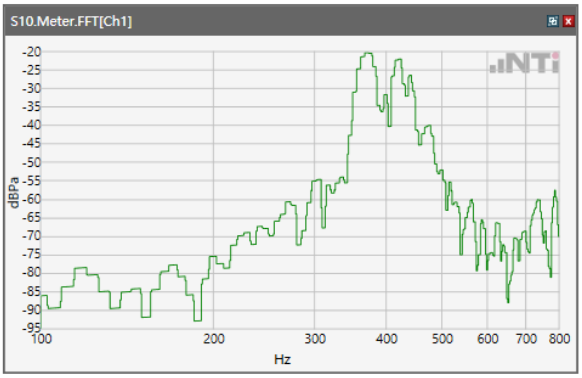
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



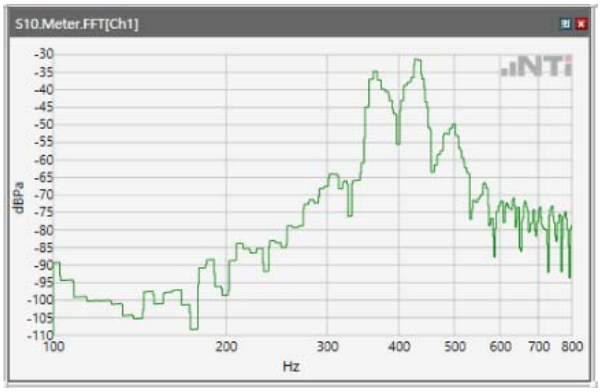
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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

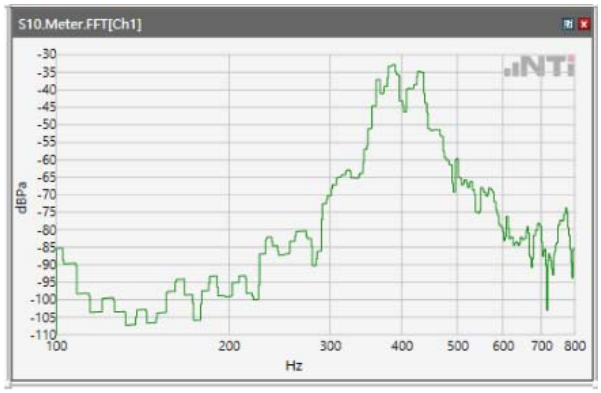


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

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



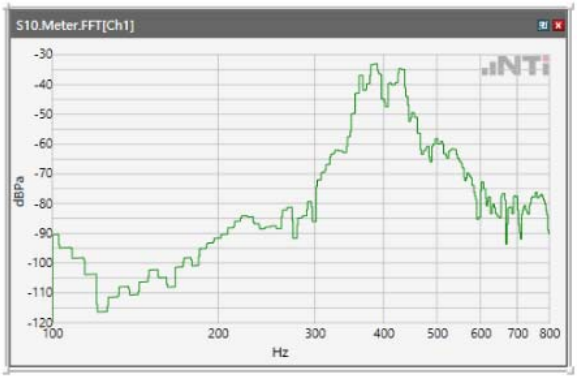
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 17

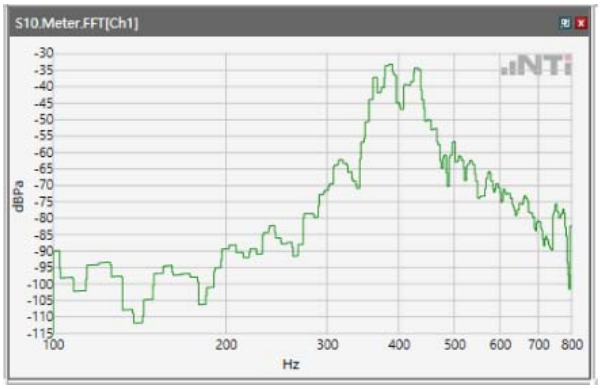
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 26

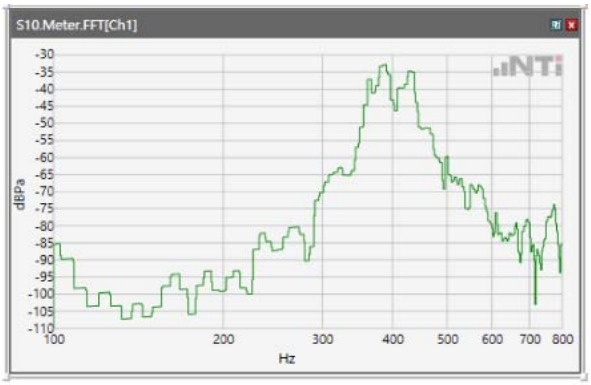
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



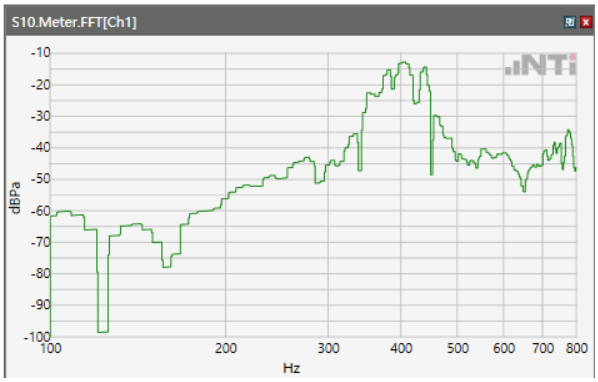
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



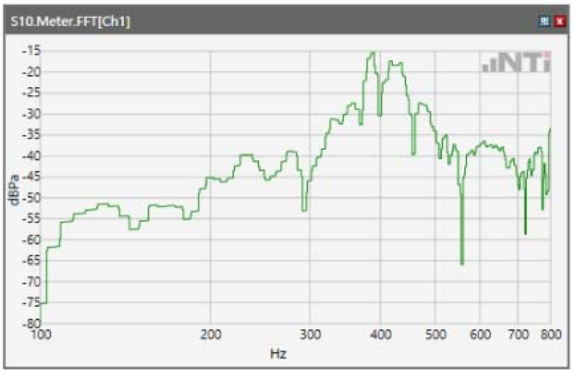
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



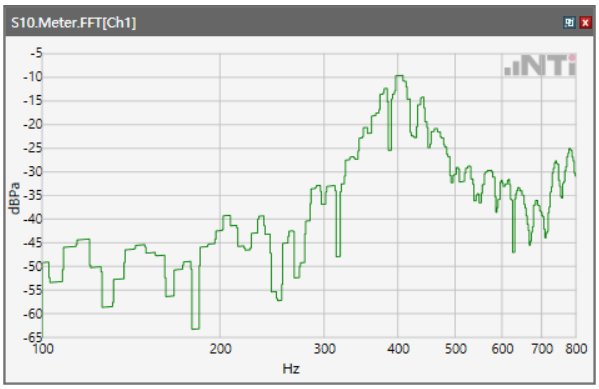
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



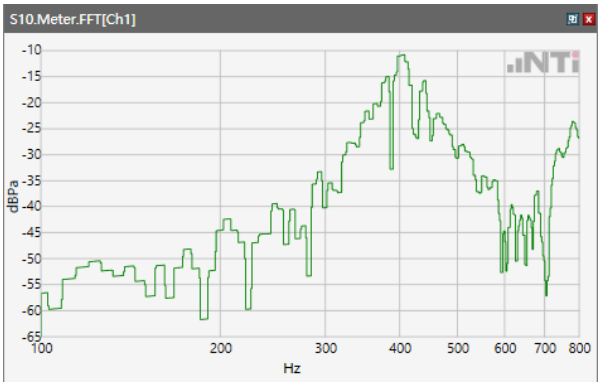
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



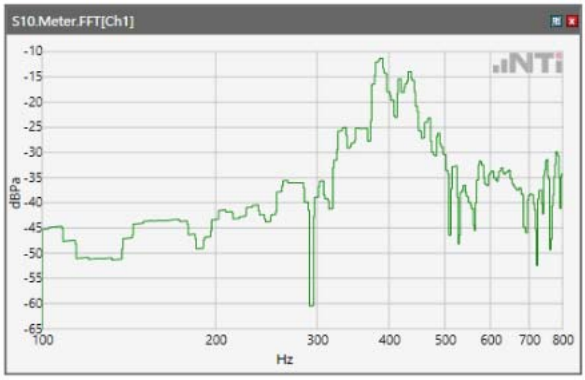
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



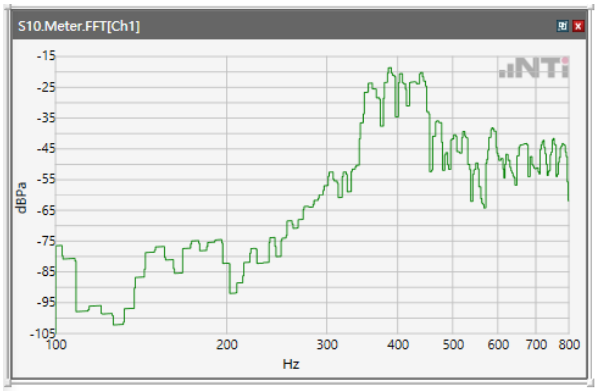
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



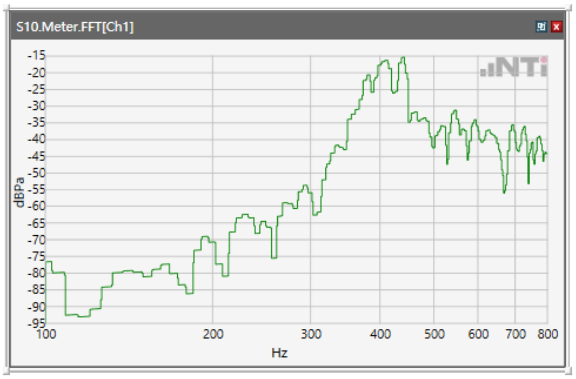
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz



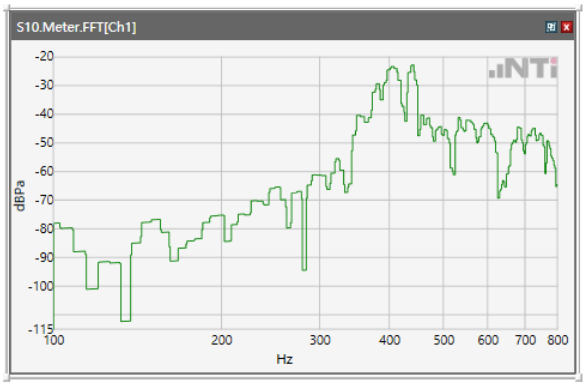
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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

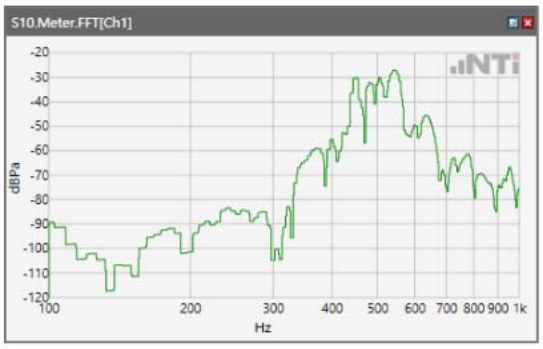


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps \ 5.2 Receive path – distortion and noise\LTE Band 41

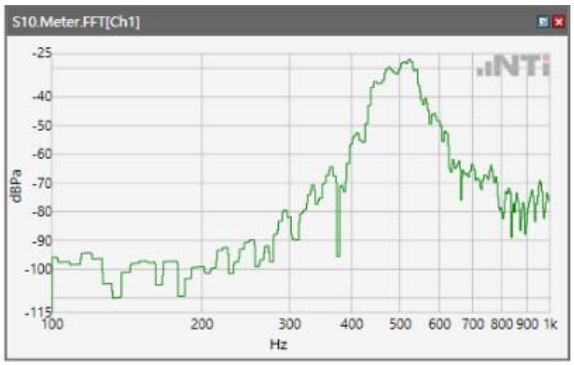


Receive path - distortion and noise 500Hz WB&NB

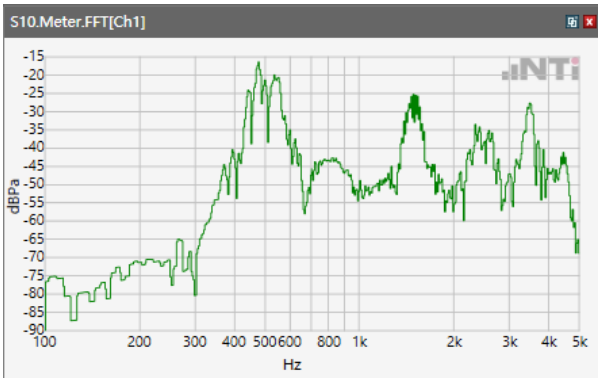
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 850



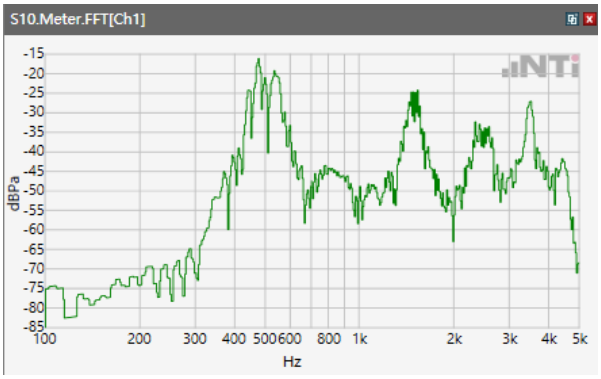
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



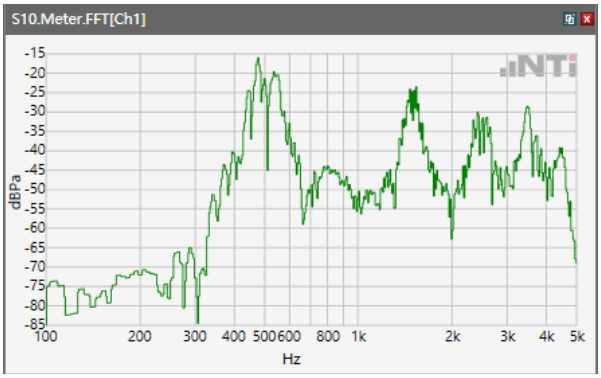
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



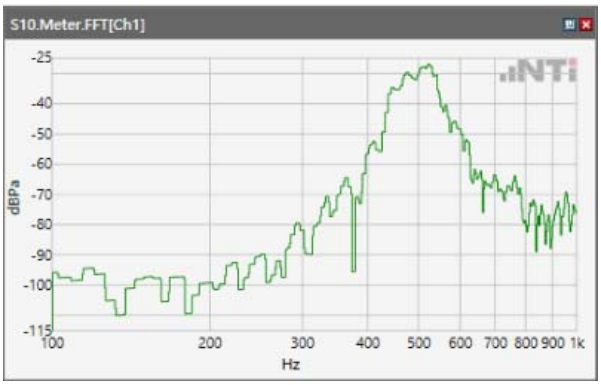
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



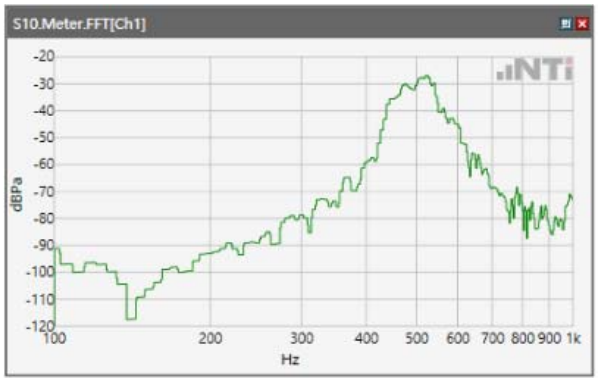
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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

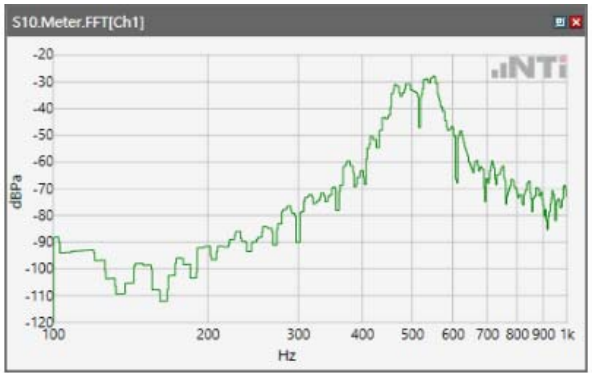


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 4

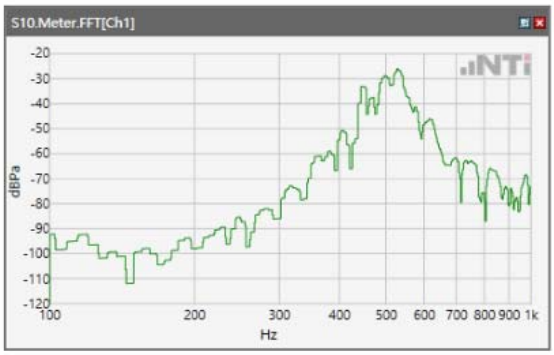


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5

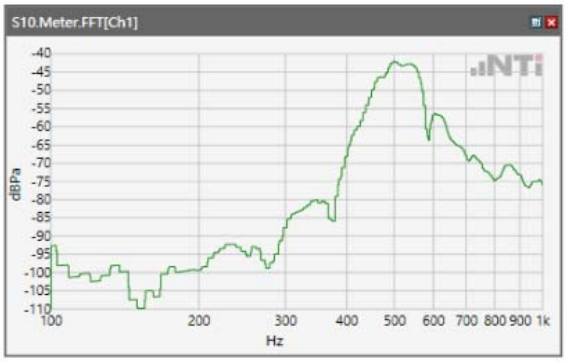
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



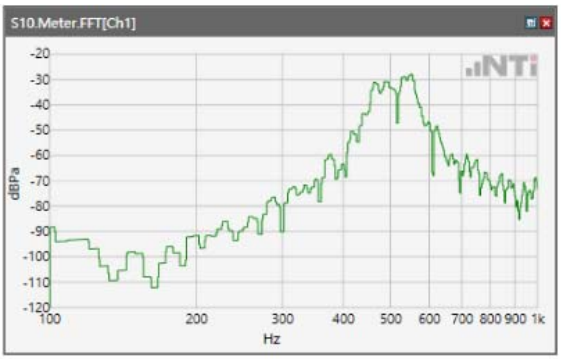
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



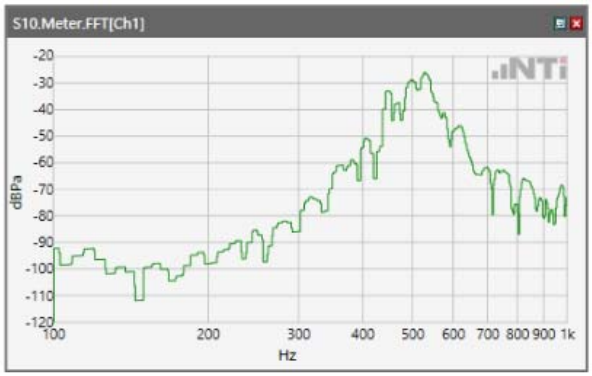
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 26



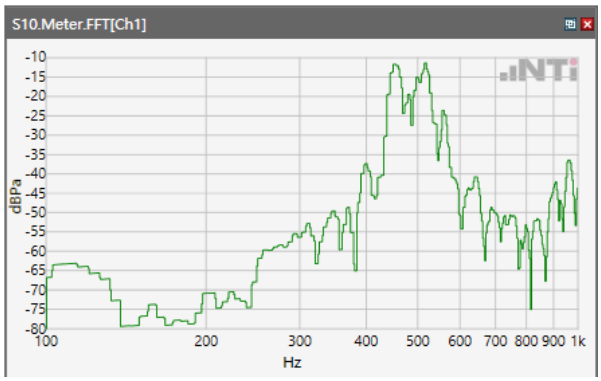
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 41



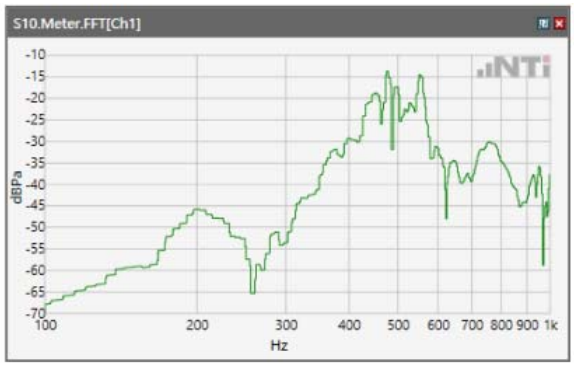
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\LTE Band 66

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

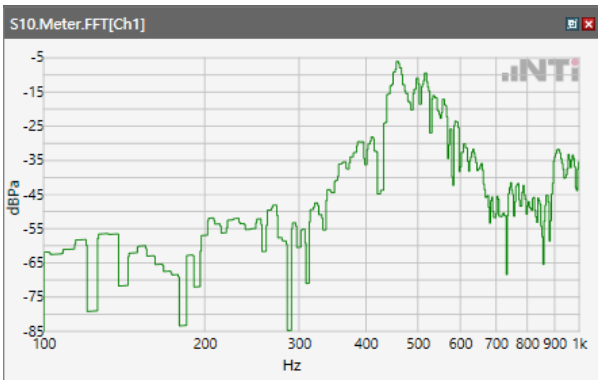
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



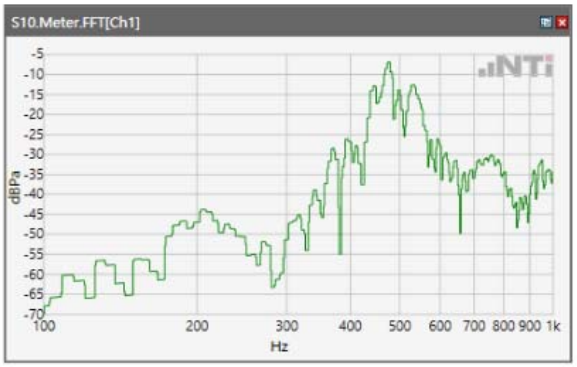
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



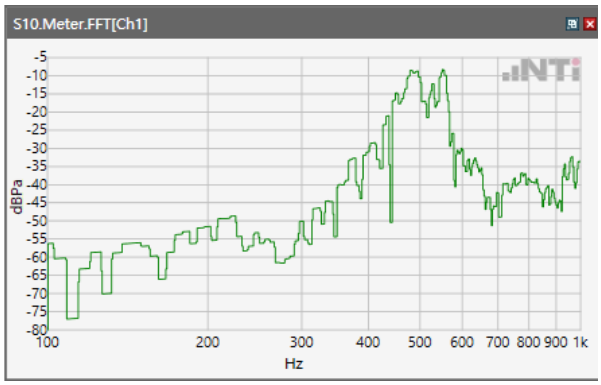
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



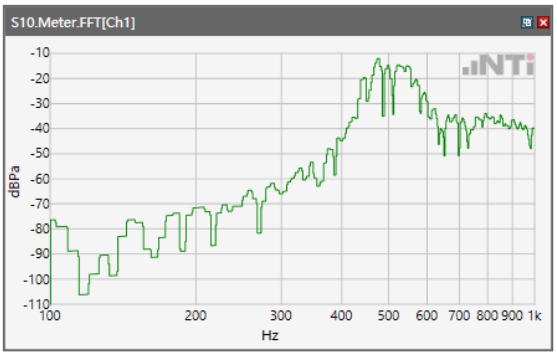
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz



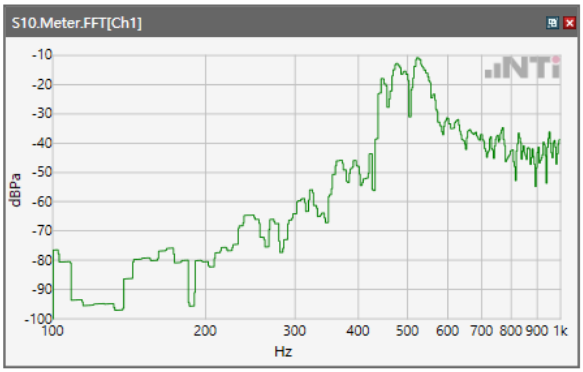
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 12.65 kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 14.25 kbps\ 5.2 Receive path – distortion and noise\WCDMA Band 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 41