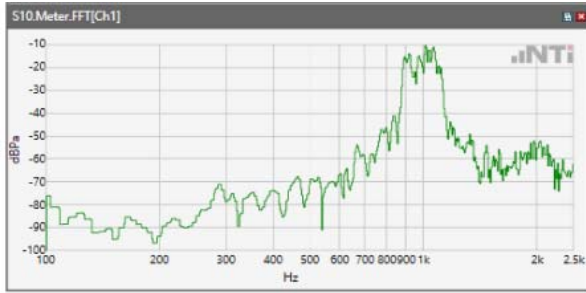
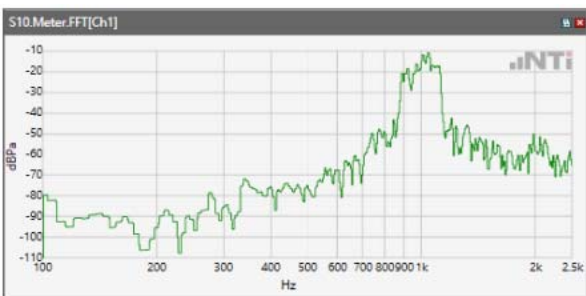


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.5GHz

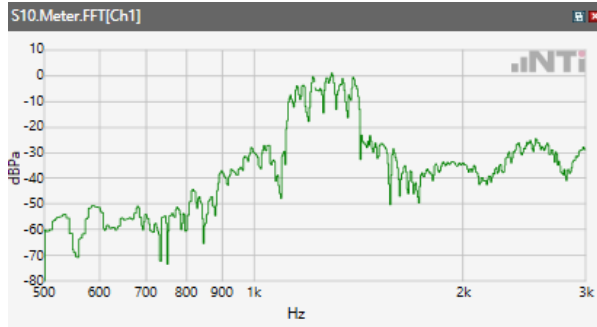


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

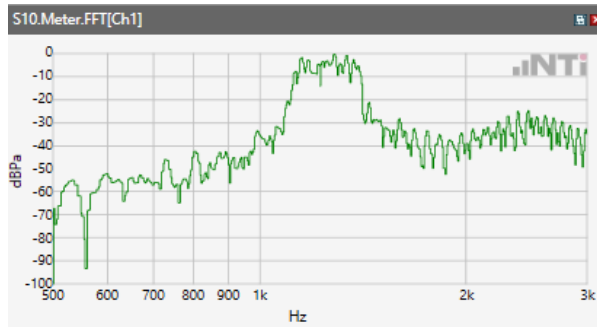


## Receive path - distortion and noise 1250Hz WB&NB

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

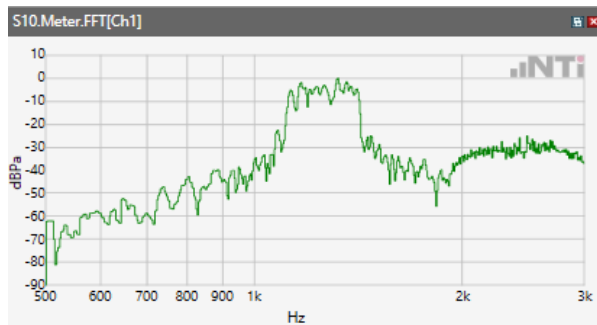


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900

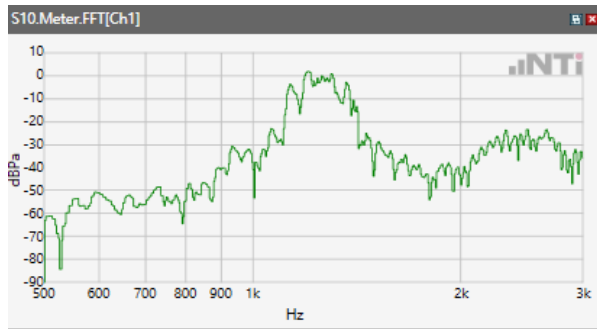


Distortion (Noise) RCV (packed): 38.91 dB

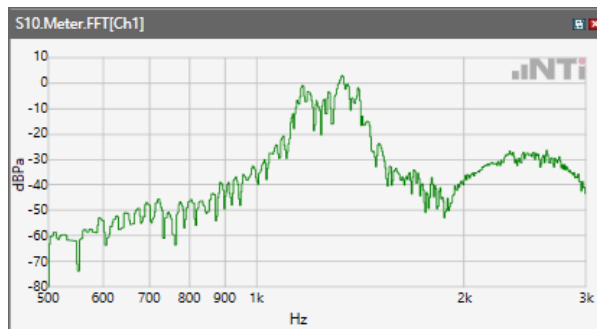
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



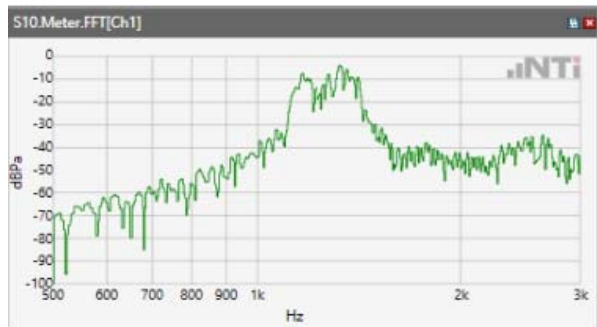
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



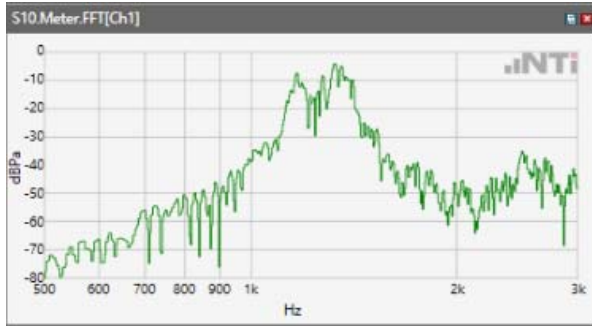
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



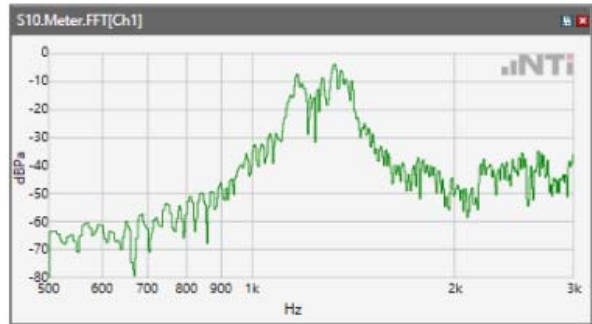
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



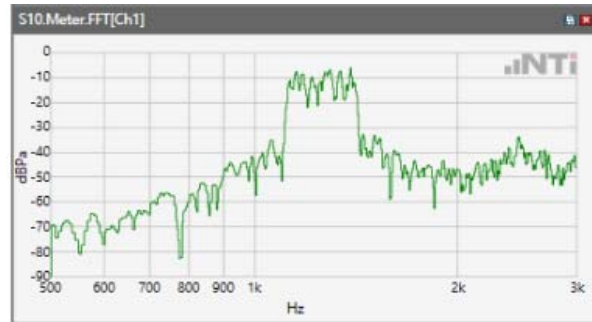
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



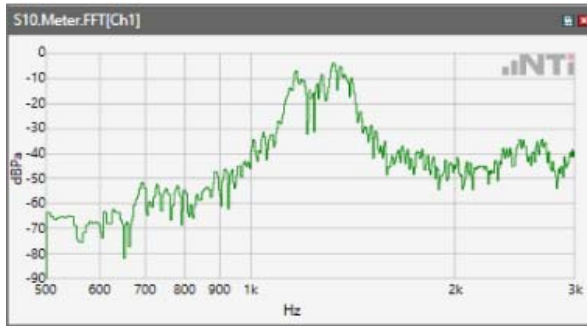
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



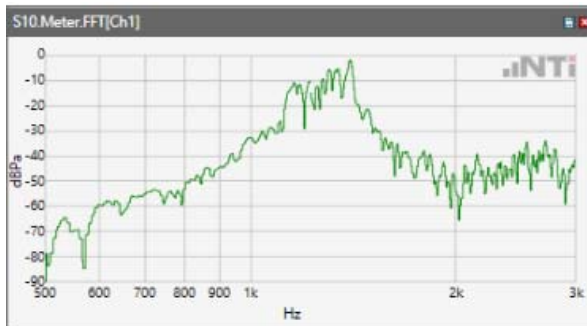
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



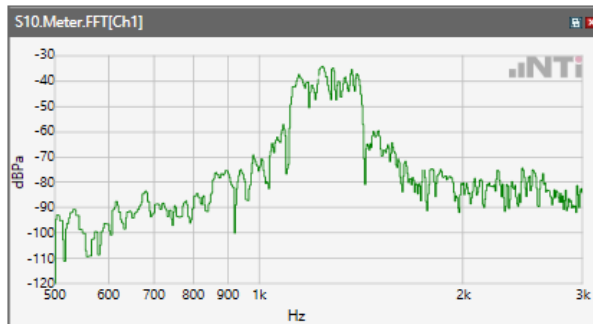
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



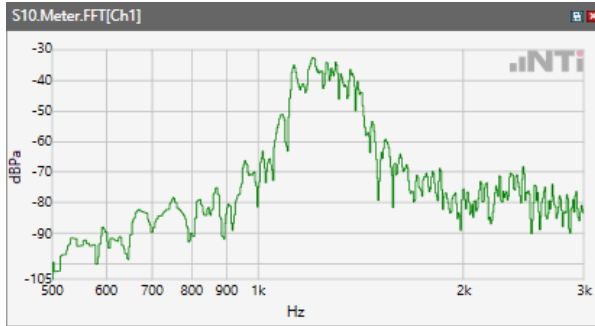
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



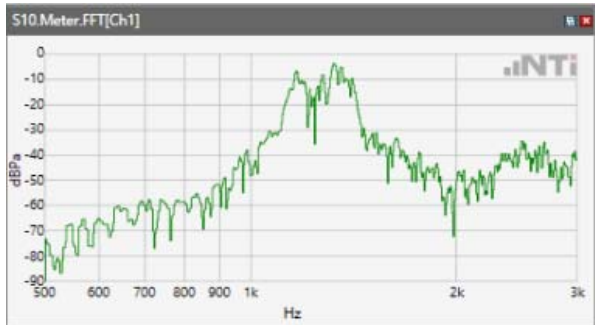
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



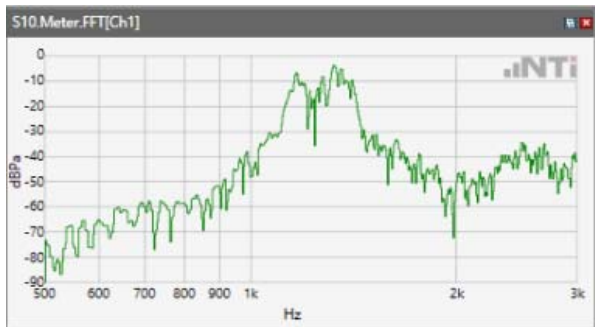
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



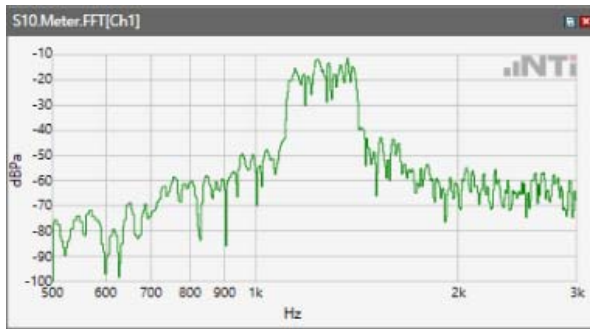
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



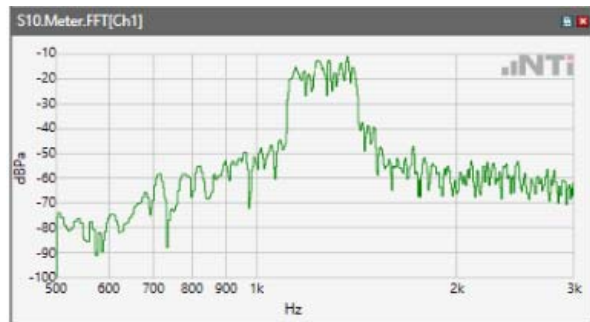
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



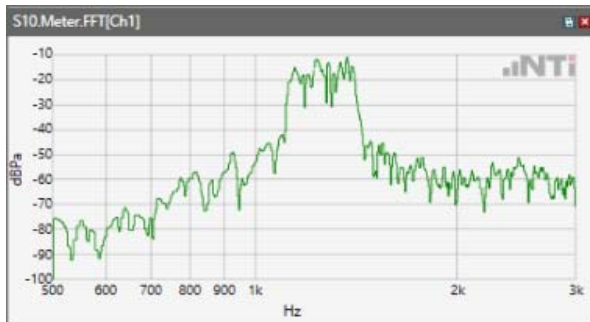
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



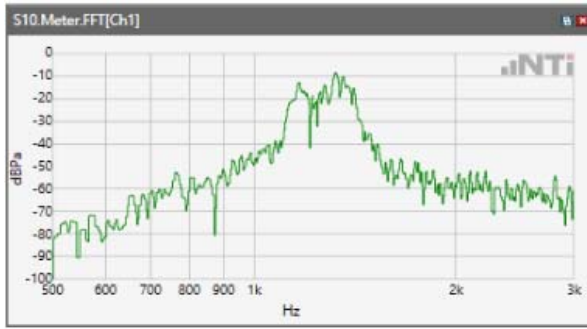
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
5.2GHz



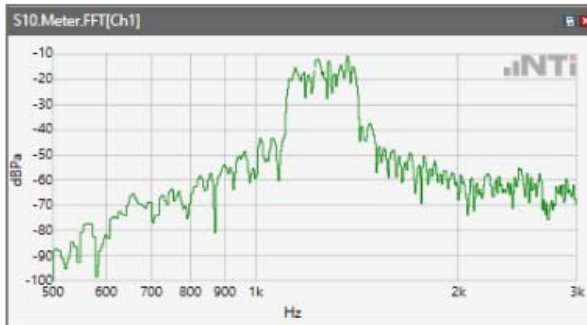
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
5.3GHz



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



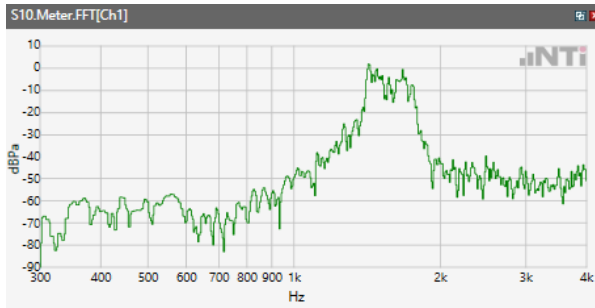
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
5.8GHz



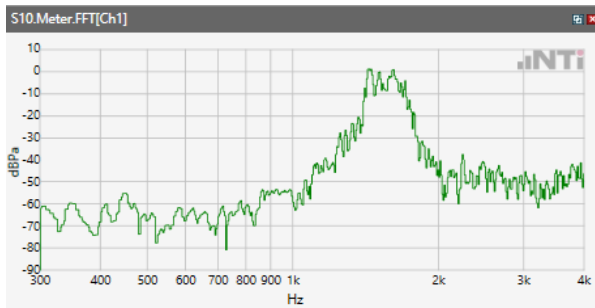


## Receive path - distortion and noise 1600Hz WB&NB

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

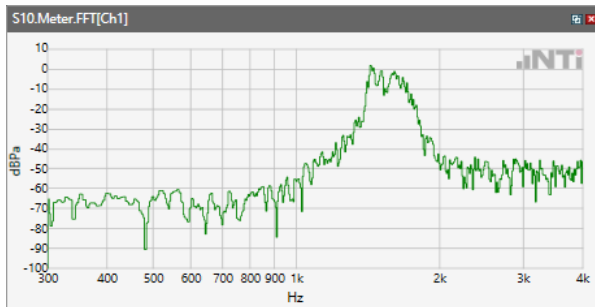


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900

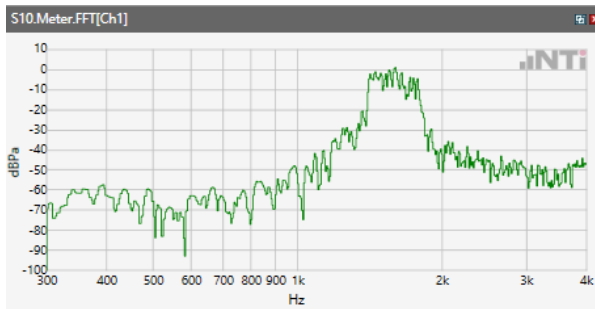


Distortion (Noise) RCV (packed): 38.91 dB

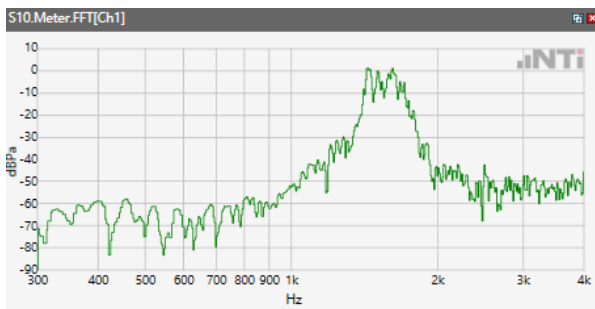
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



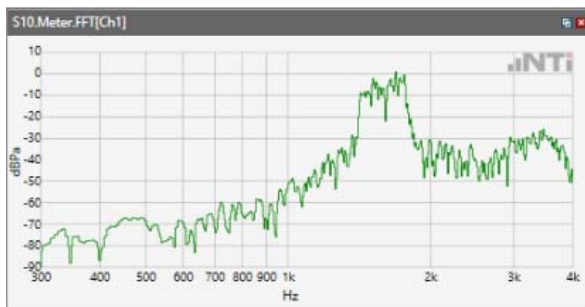
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



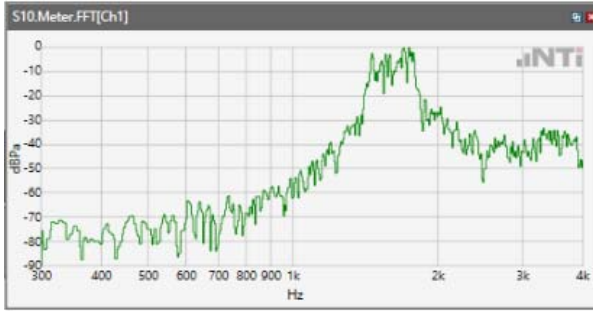
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



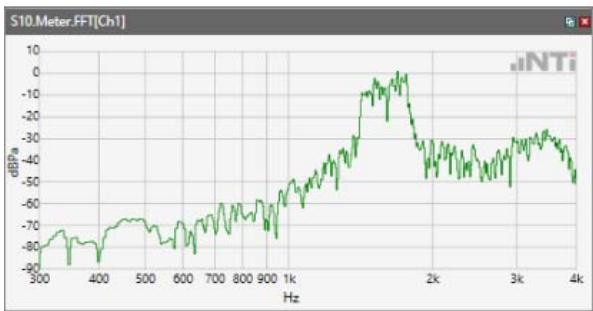
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



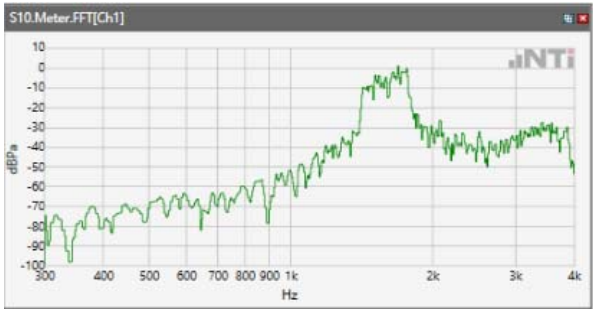
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



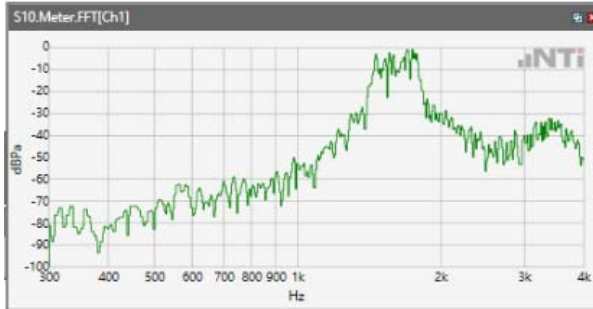
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



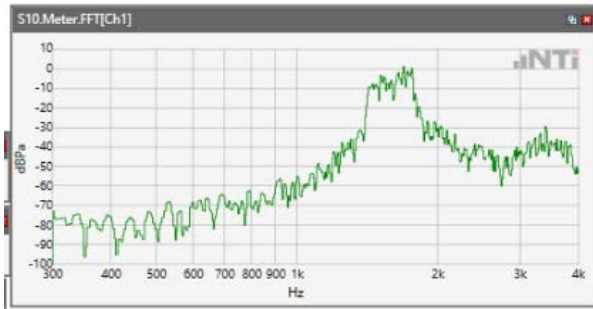
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



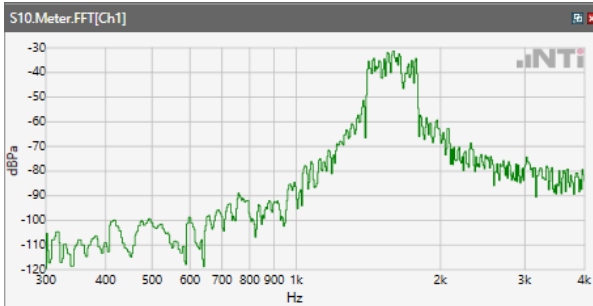
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



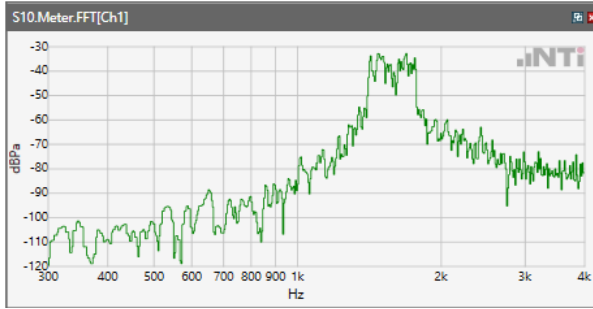
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



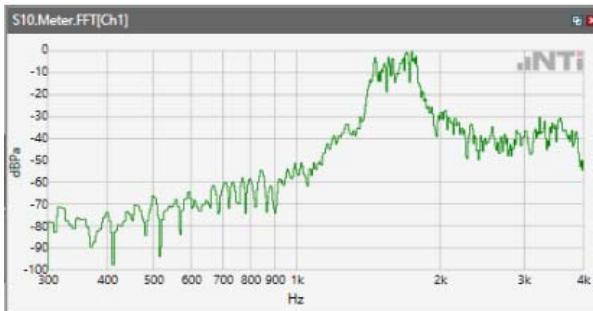
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



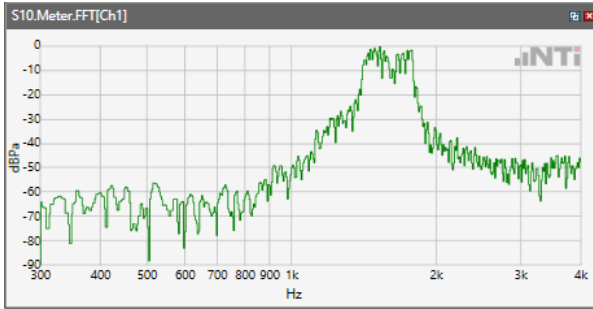
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



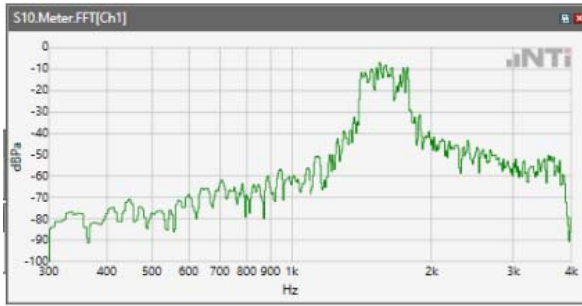
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



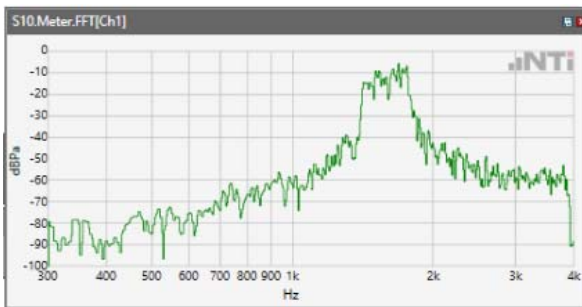
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



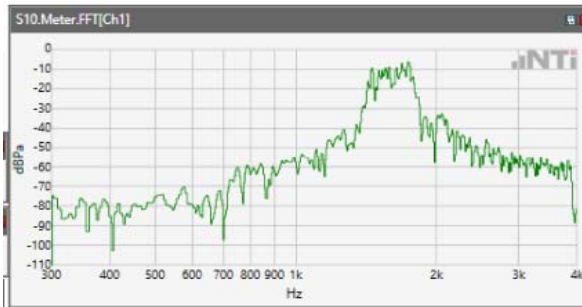
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



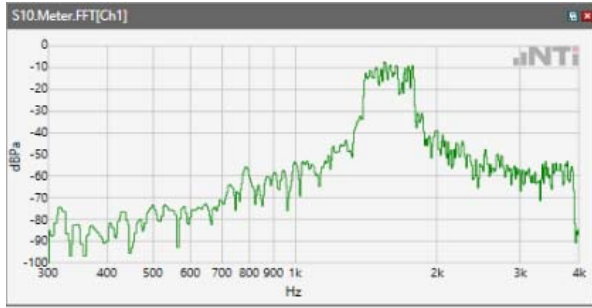
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



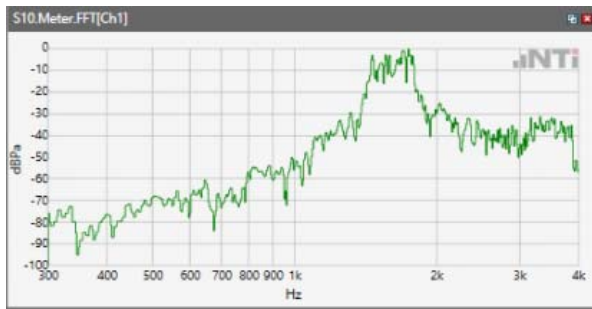
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



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

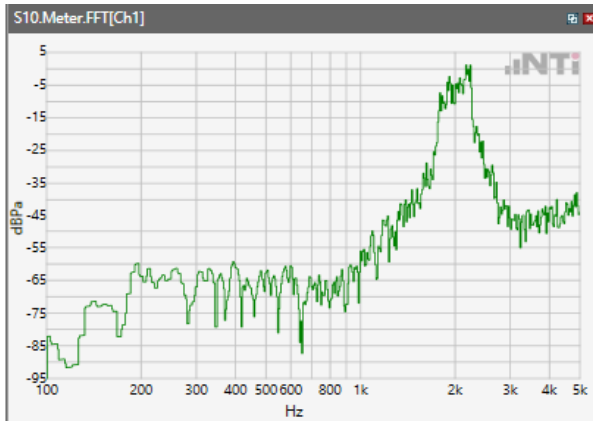


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

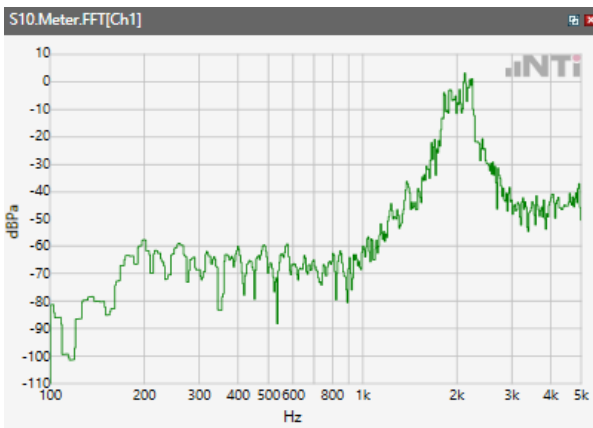


## Receive path - distortion and noise 2000Hz WB&NB

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

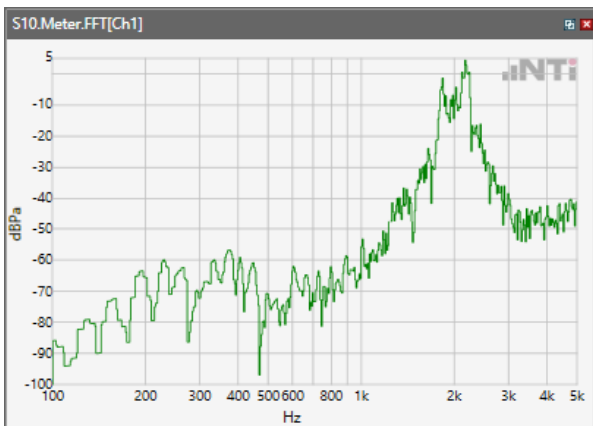


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



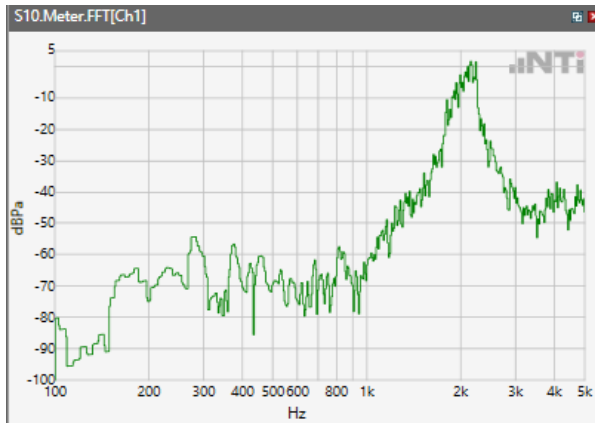
Distortion (Noise) RCV (packed): 38.91 dB

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

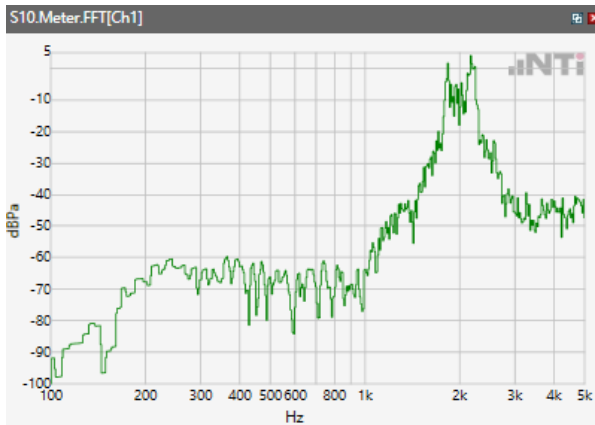




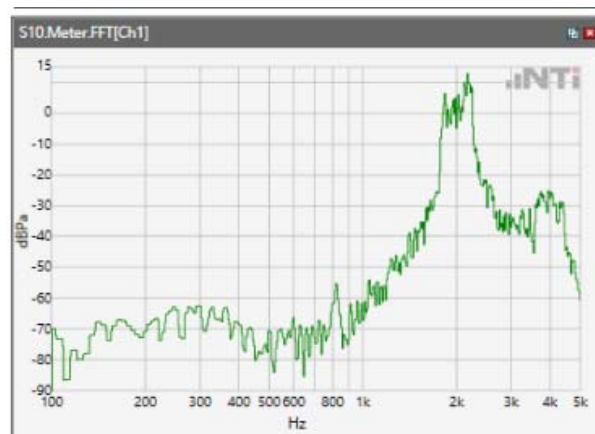
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



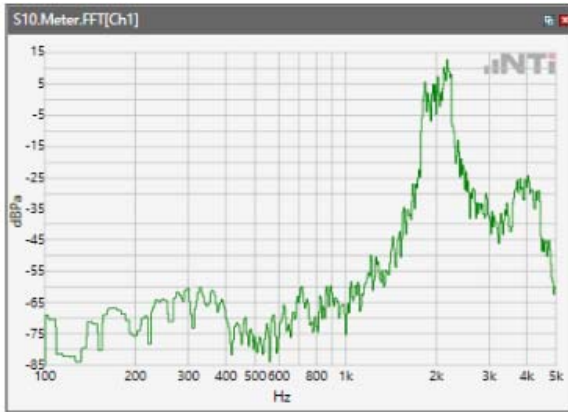
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



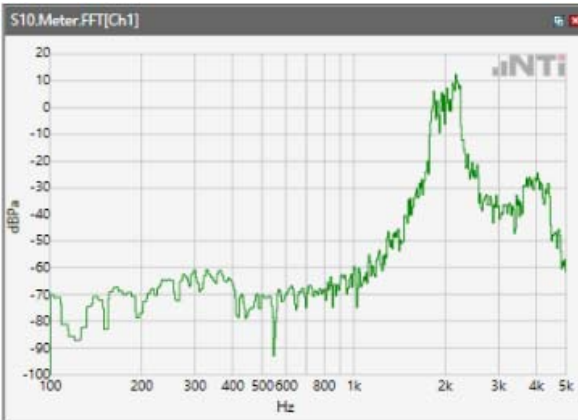
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



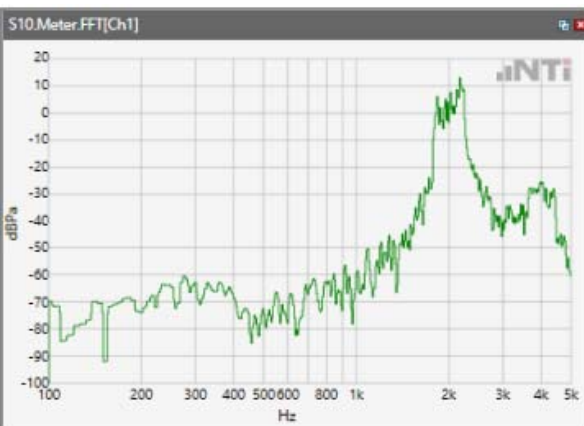
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



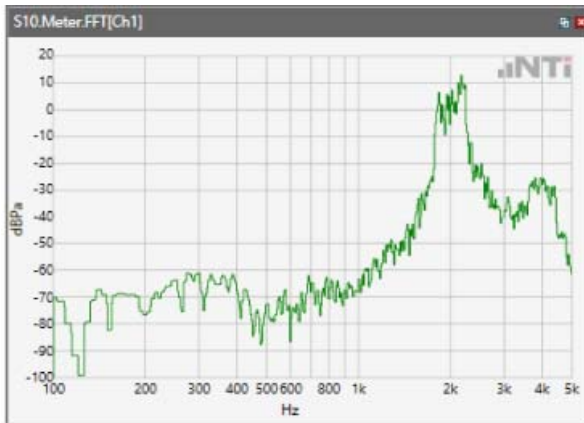
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



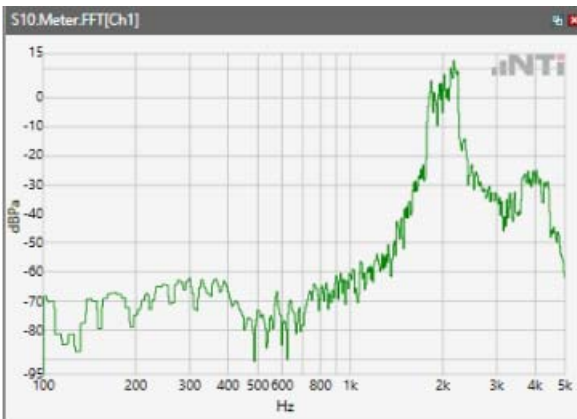
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



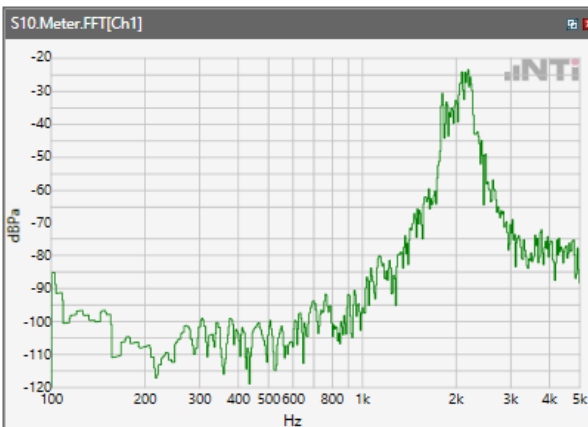
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



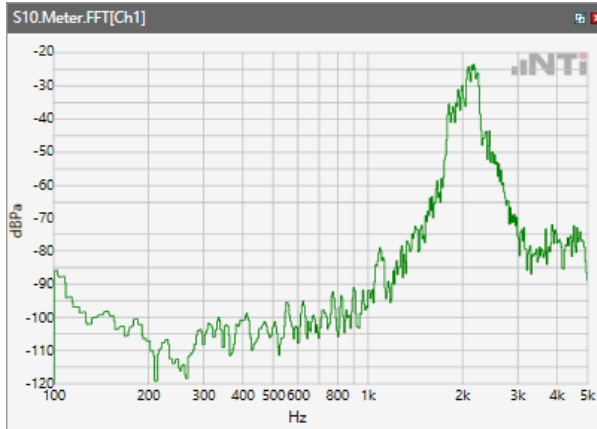
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



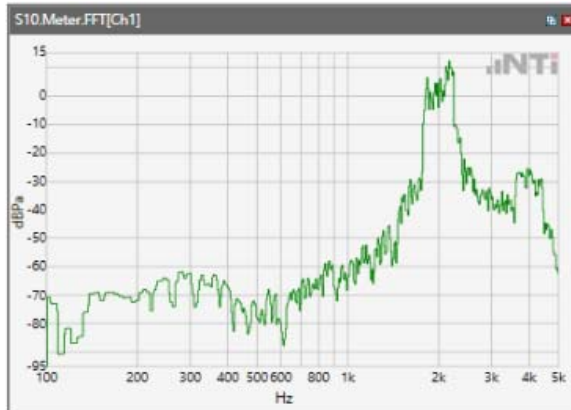
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



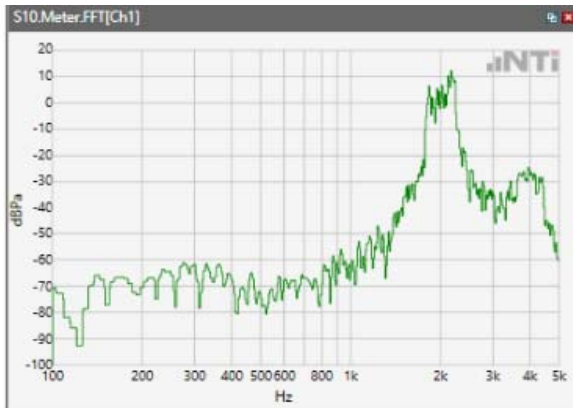
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



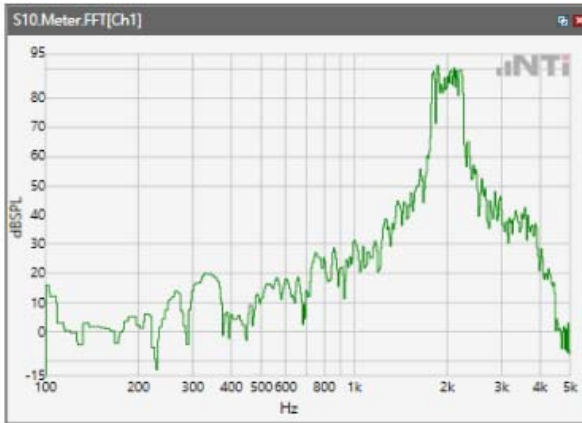
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



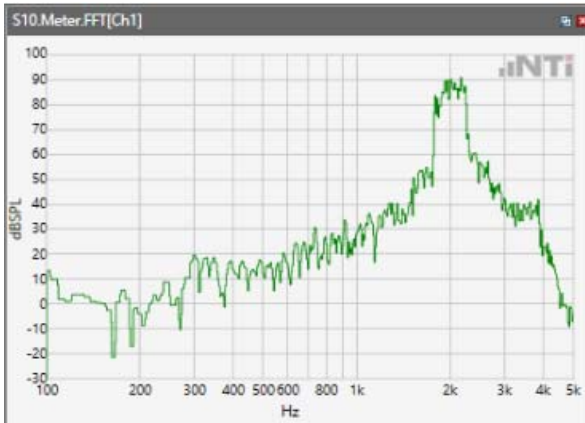
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



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



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



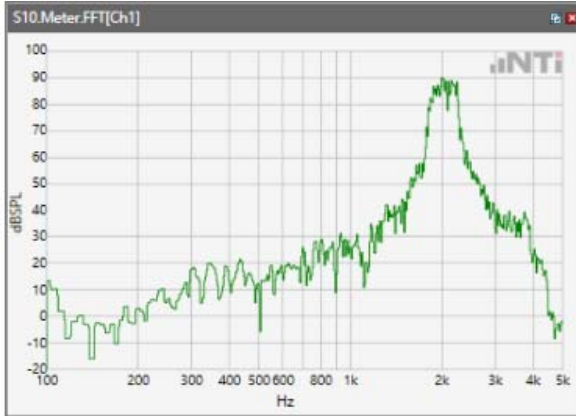
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
5.3GHz



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

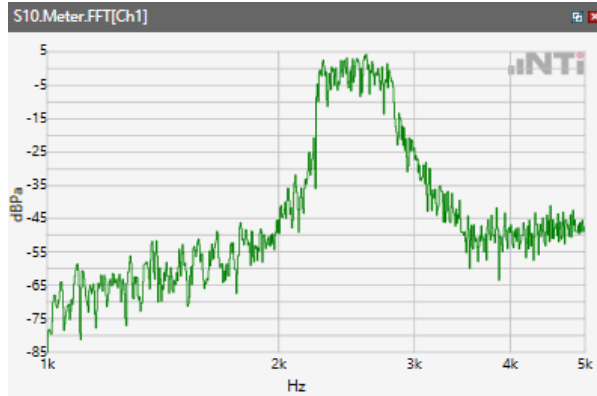


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.8GHz

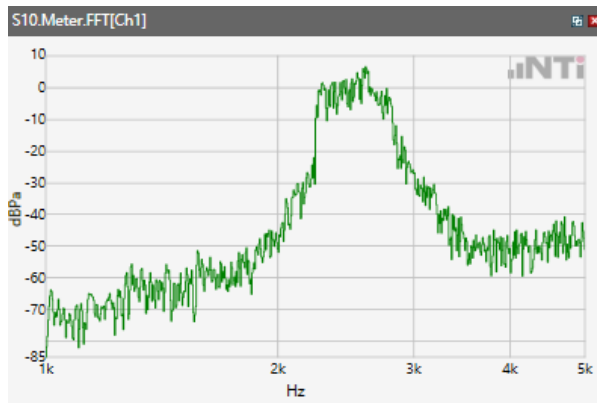


## Receive path - distortion and noise 2500Hz WB&NB

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

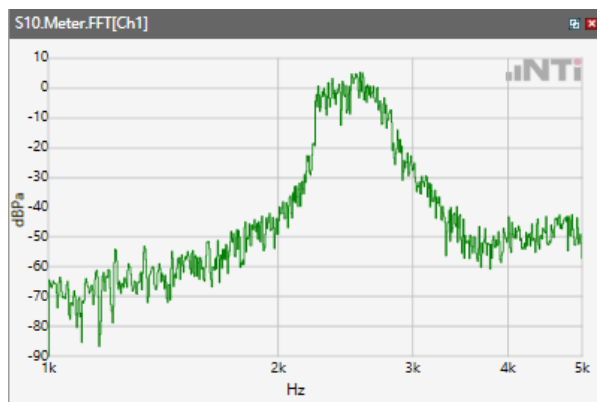


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900

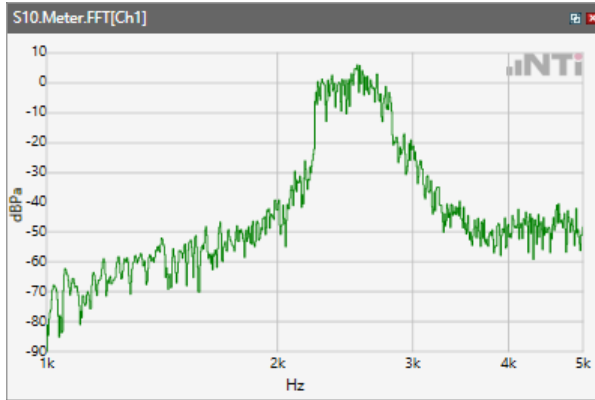


Distortion (Noise) RCV (packed): 38.91 dB

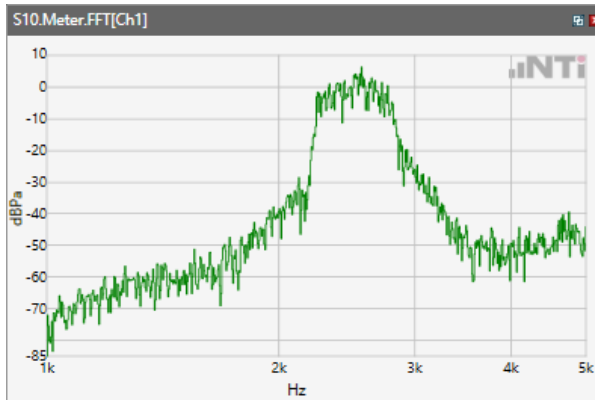
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



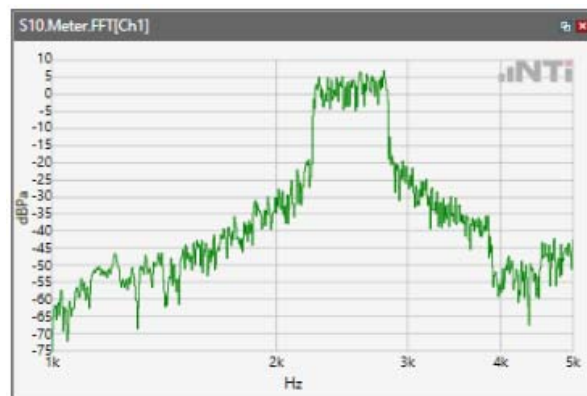
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



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

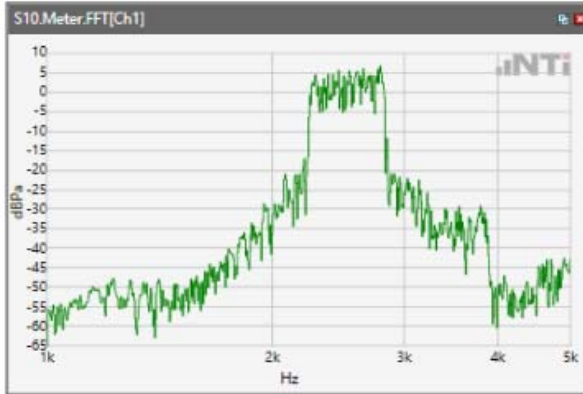


## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2

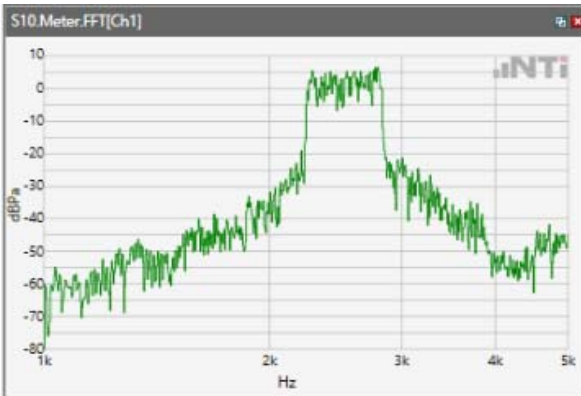




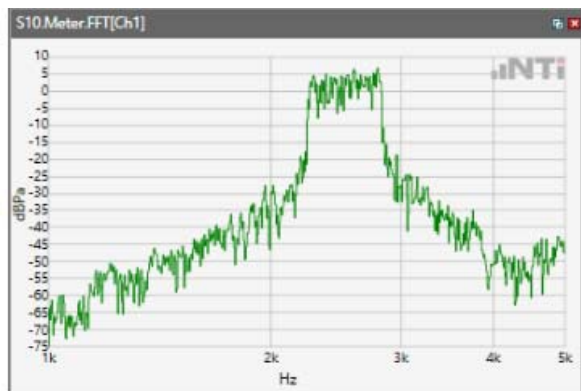
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



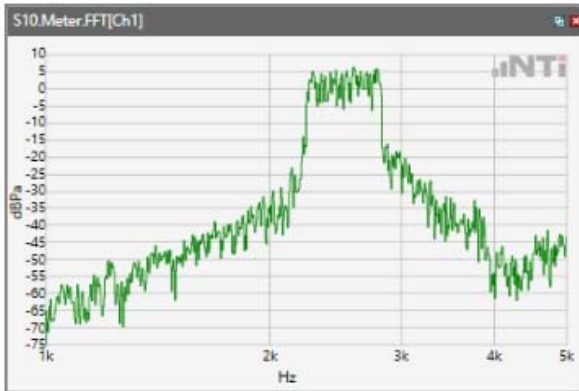
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



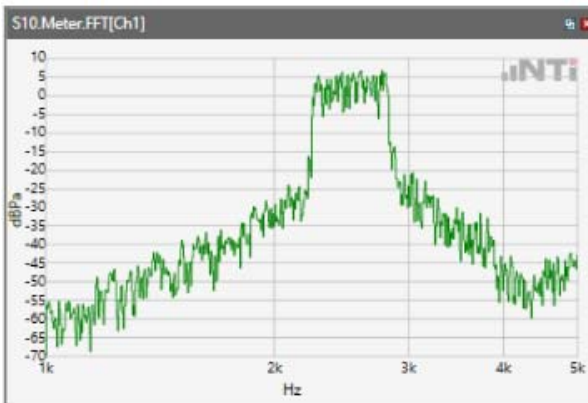
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



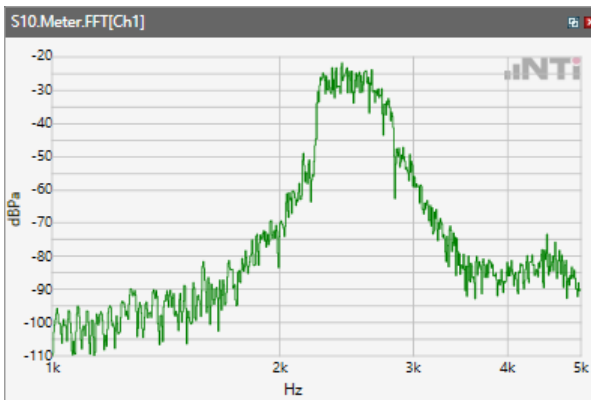
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



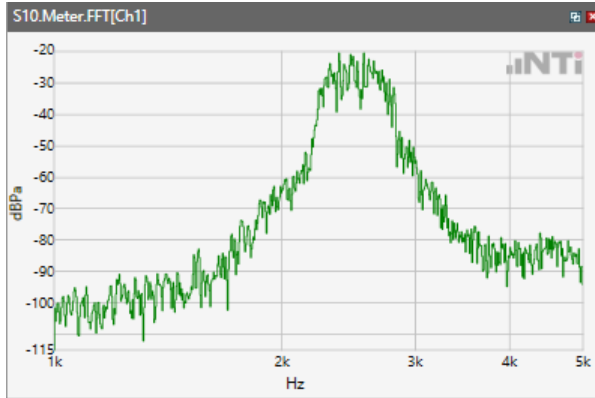
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



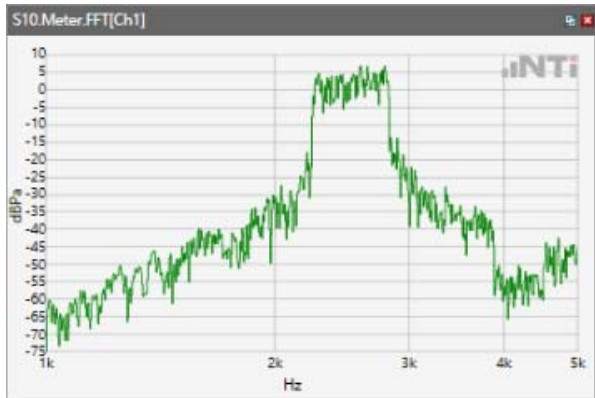
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



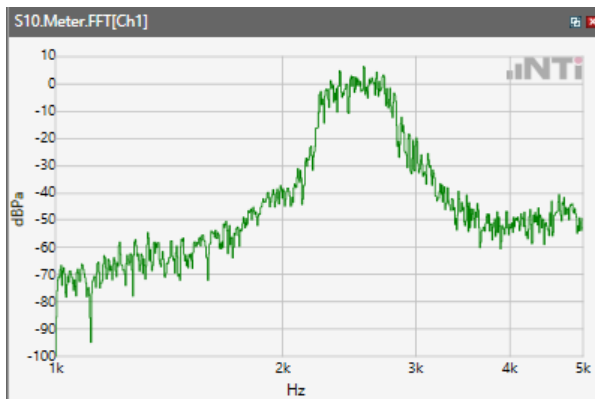
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



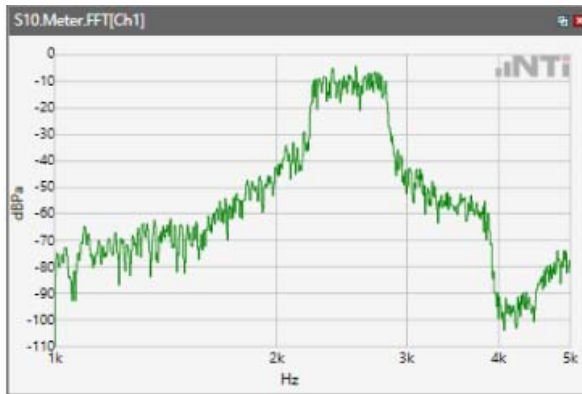
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



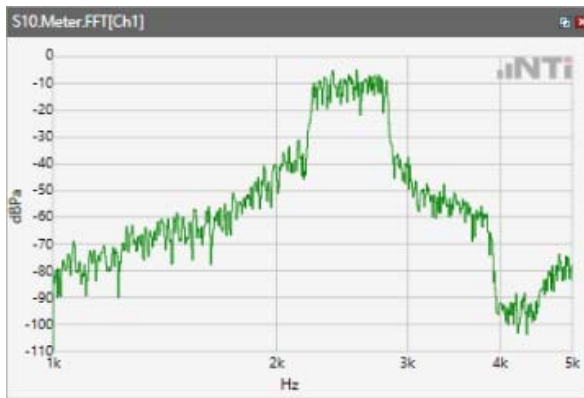
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 71



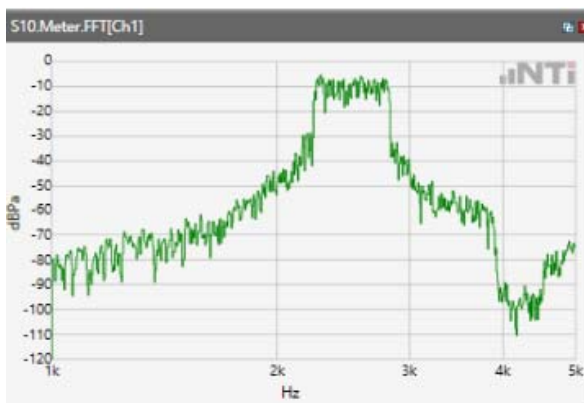
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



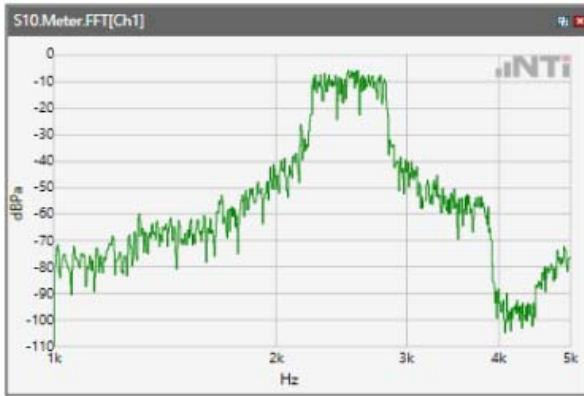
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.2GHz



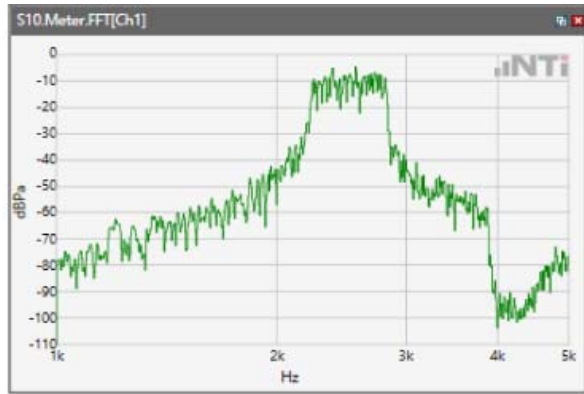
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN 5.3GHz



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

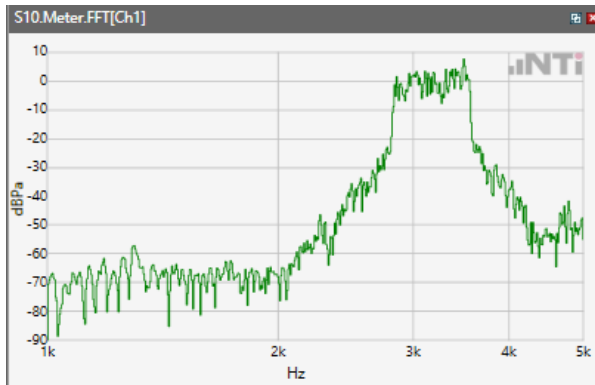


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WLAN  
5.8GHz

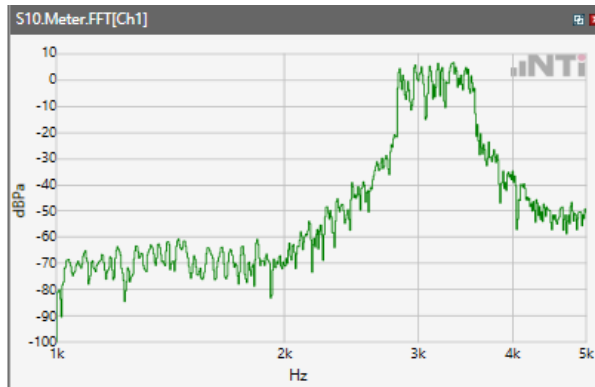


## Receive path - distortion and noise 3150Hz WB&NB

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

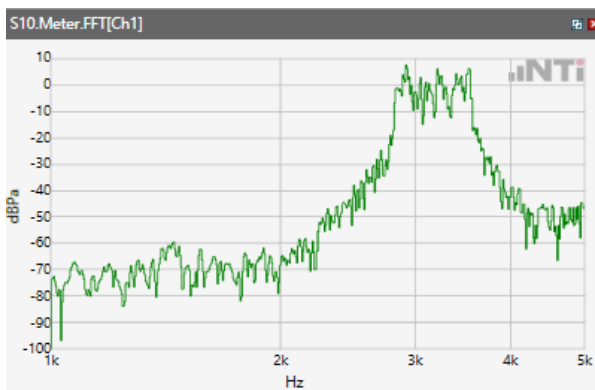


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900

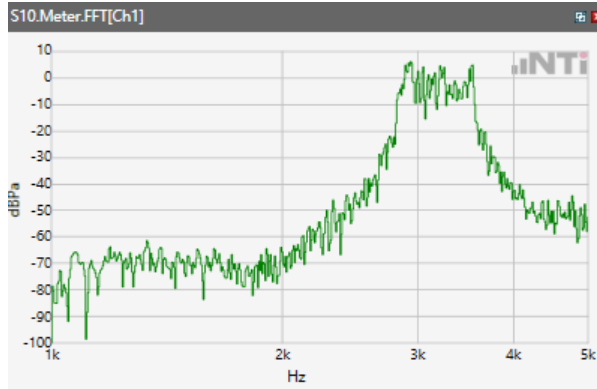


Distortion (Noise) RCV (packed): 38.91 dB

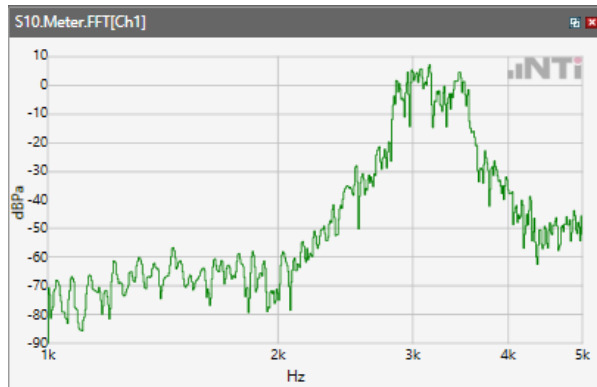
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



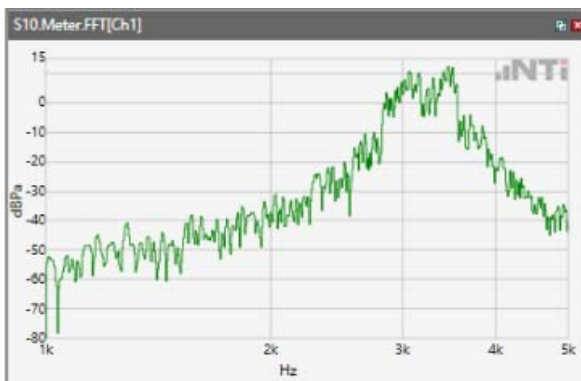
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band IV



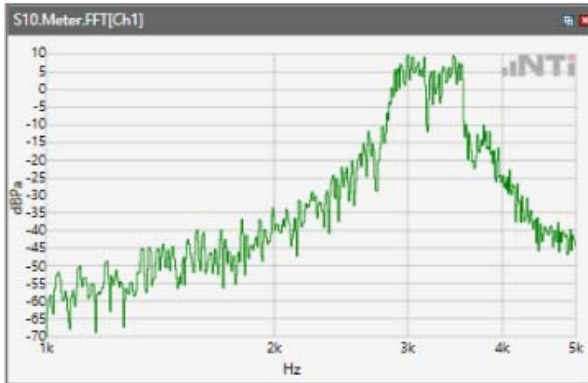
## ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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



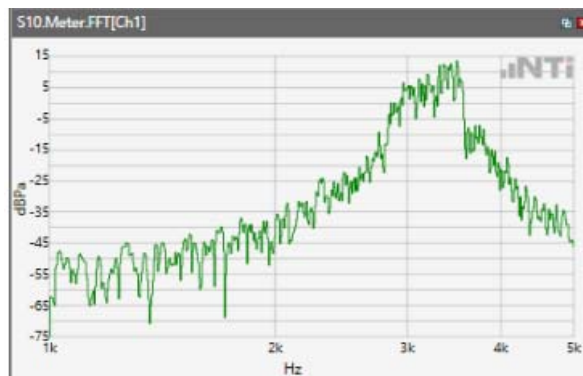
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 4



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

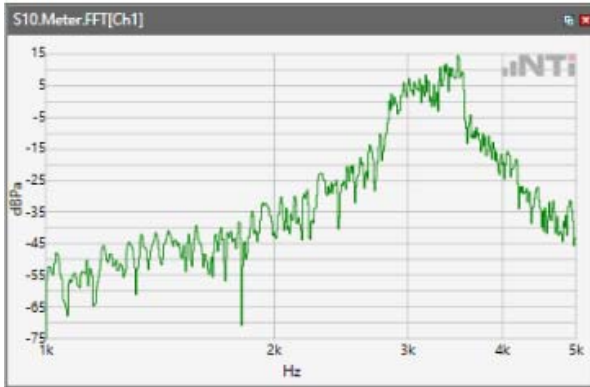


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

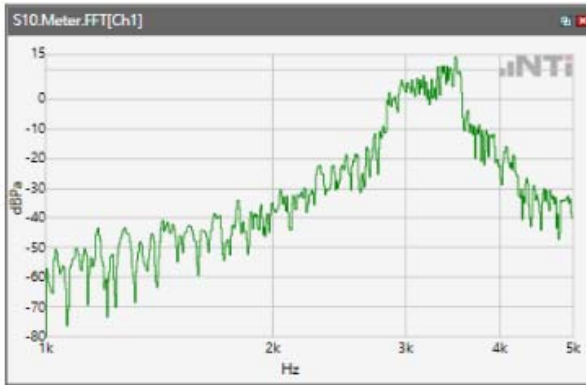




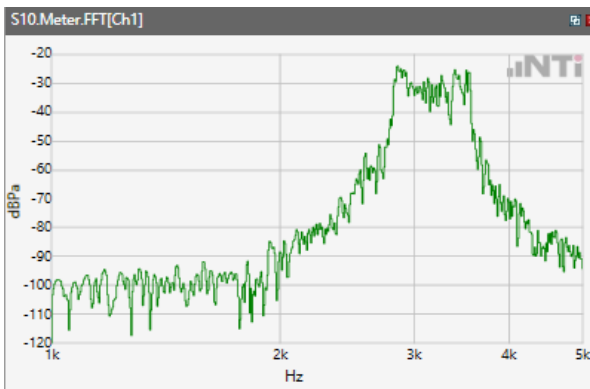
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



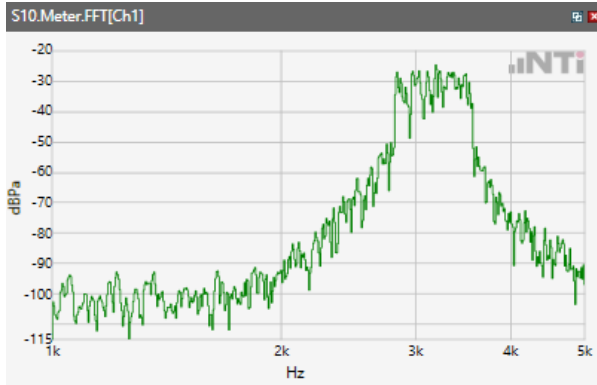
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 13



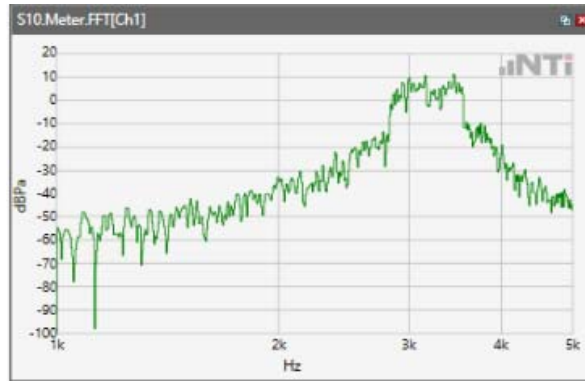
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 17



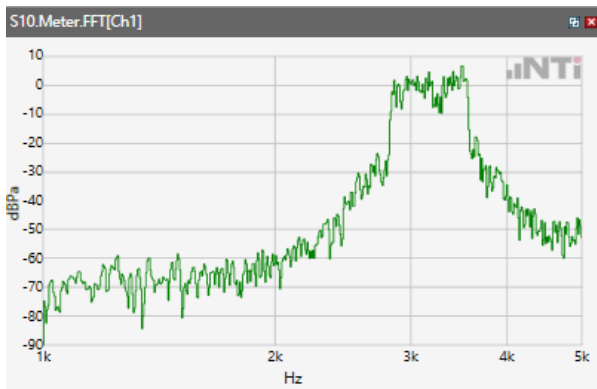
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 25



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



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



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



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



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



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



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

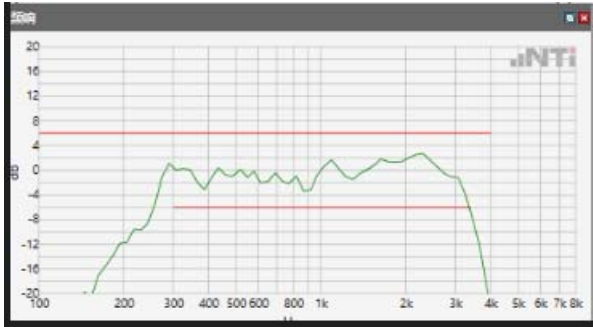


## **5.2 Receive path – distortion and noise**

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

### 5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

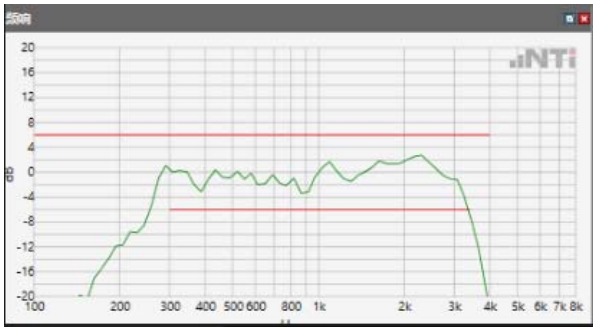
OK

OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

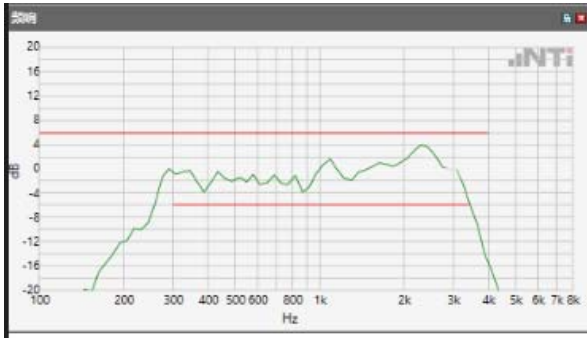
OK

OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

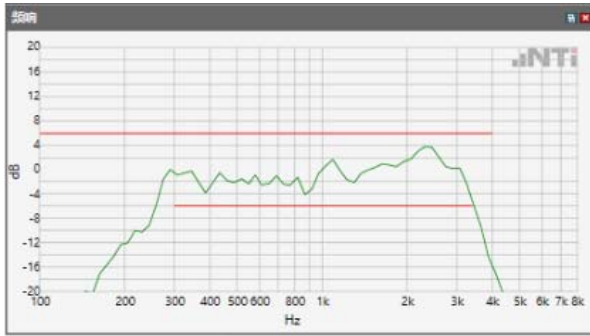
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

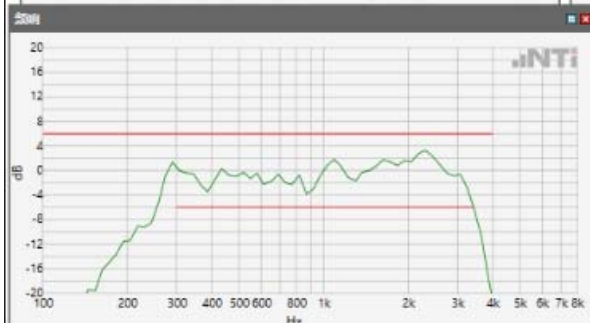
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

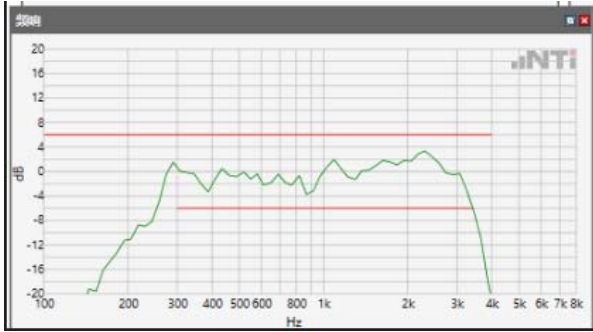
OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance



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



Absolute minimal distance

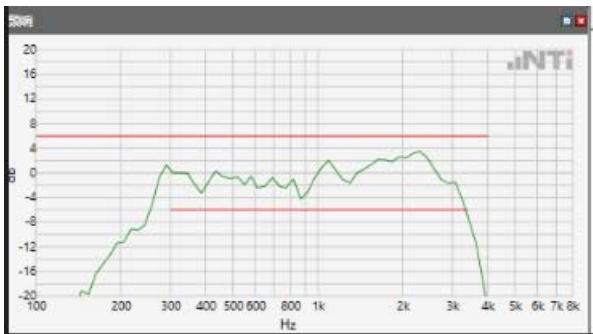
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE Band 7



Absolute minimal distance

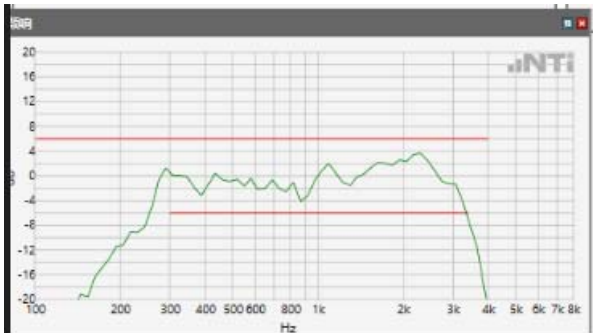
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

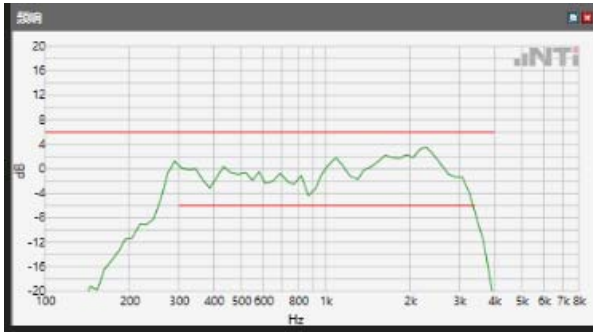
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps \ LTE Band 13



Absolute minimal distance

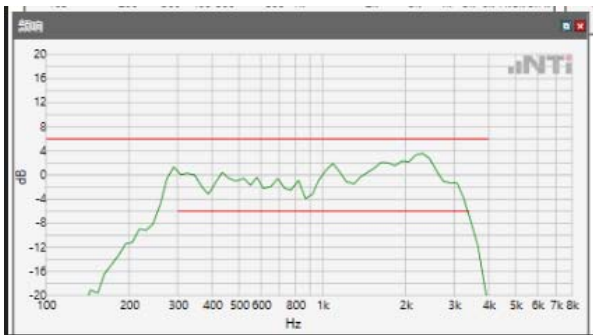
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

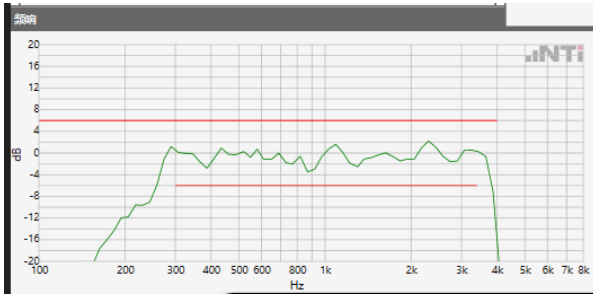
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

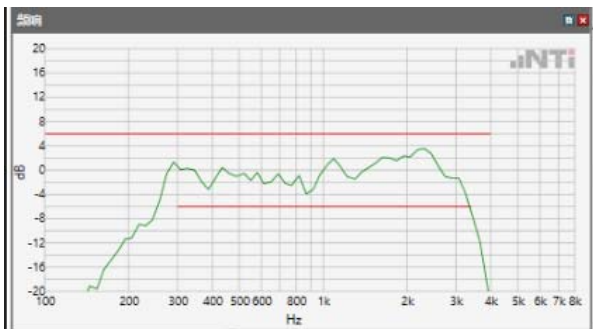
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

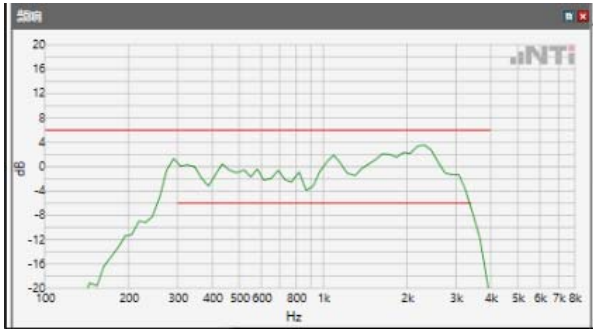
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

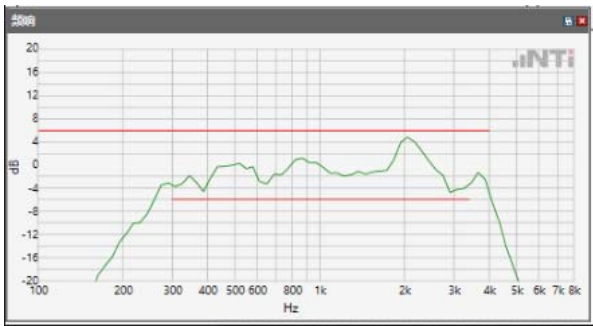
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

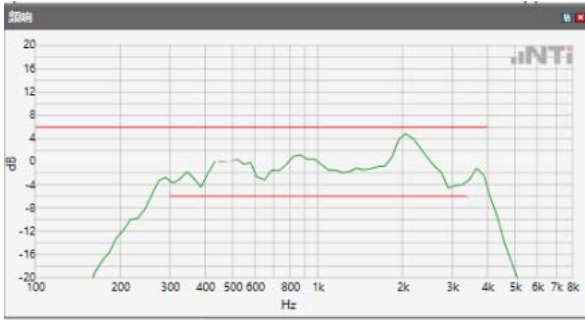
OK

OK

Limits

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

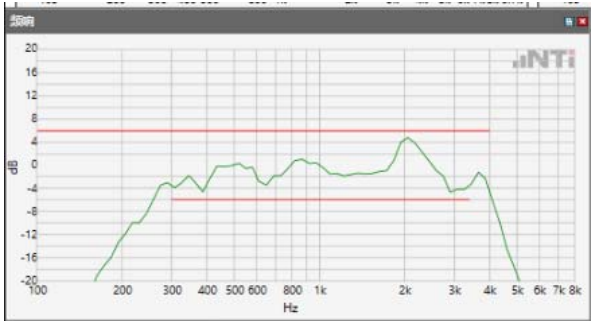
OK

OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

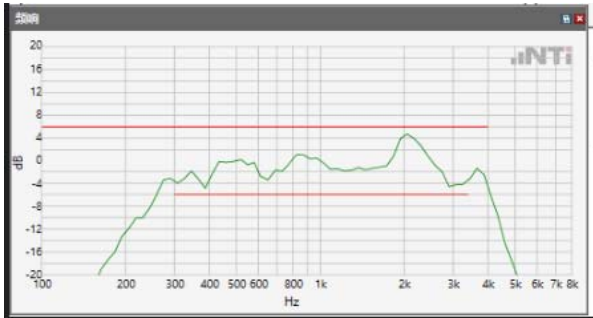
OK

OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

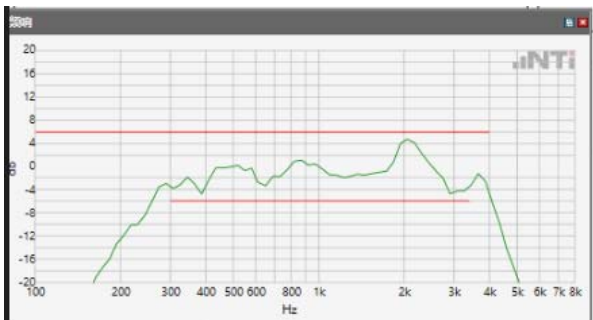
OK

OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

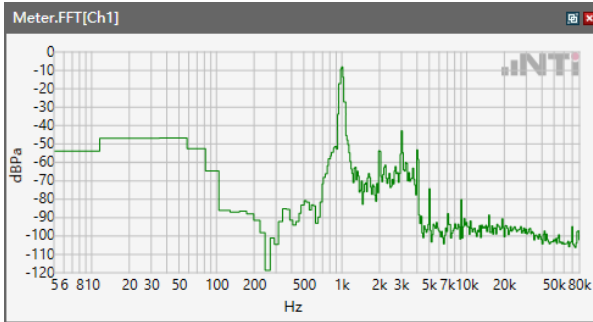
OK

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

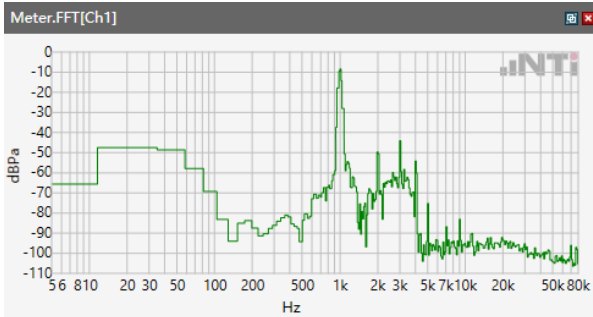
## 5.1 Receive Volume Control Performance 2N---WB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\GSM 850



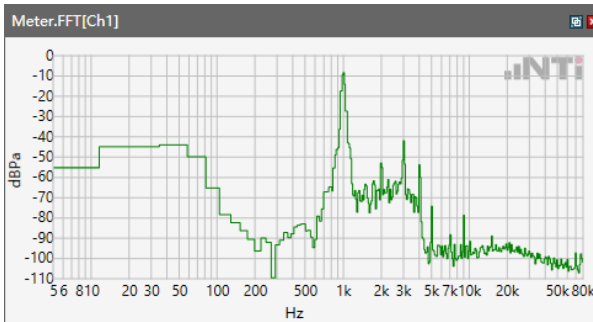
Speech Level RCV: 87.73 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\GSM 1900



Speech Level RCV: 87.99 dB[SPL]

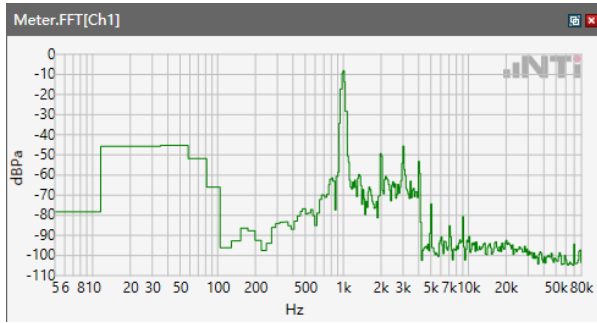
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band II



Speech Level RCV: 87.85 dB[SPL]

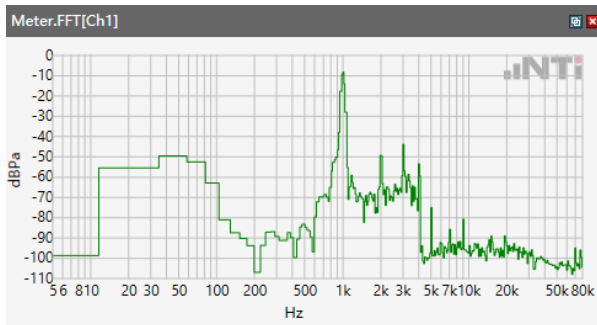


## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band IV



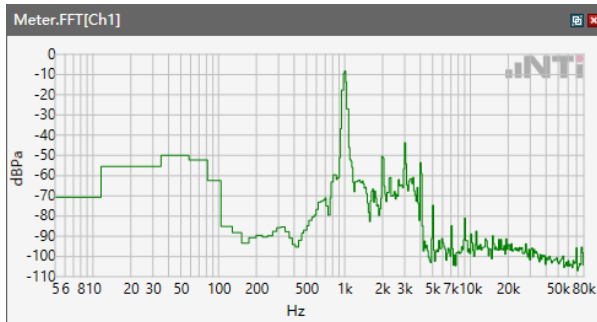
Speech Level RCV: 87.91 dB[SPL]

## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band V



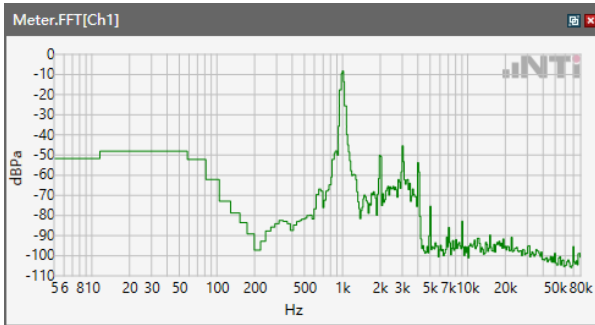
Speech Level RCV: 87.56 dB[SPL]

## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\LTE Band 2



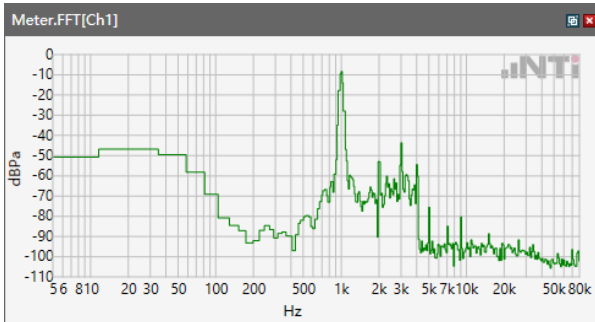
Speech Level RCV: 87.89 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 4



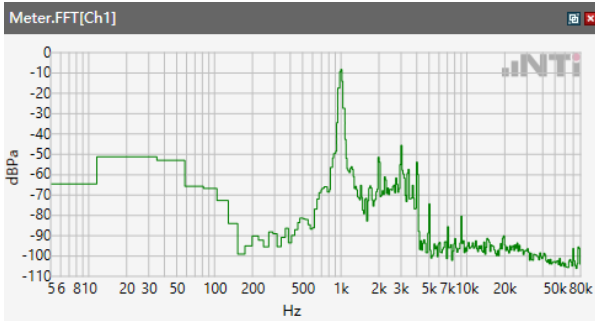
Speech Level RCV: 87.9 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 5



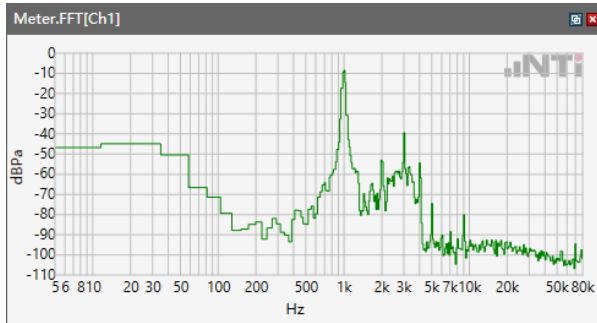
Speech Level RCV: 87.81 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 7



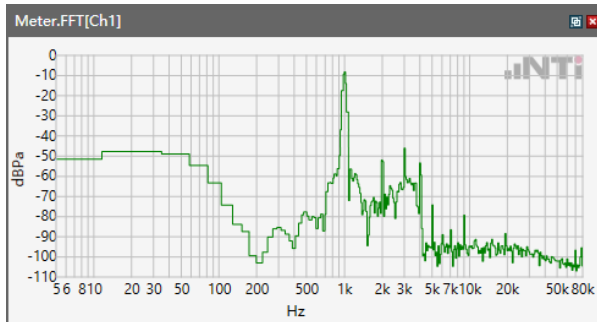
Speech Level RCV: 87.88 dB[SPL]

## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 12



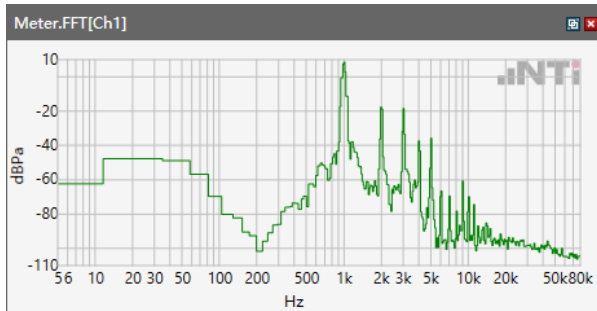
Speech Level RCV: 87.74 dB[SPL]

## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\LTE Band 13



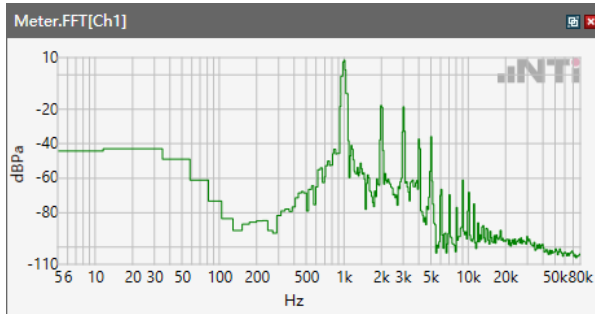
Speech Level RCV: 87.8 dB[SPL]

## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 17



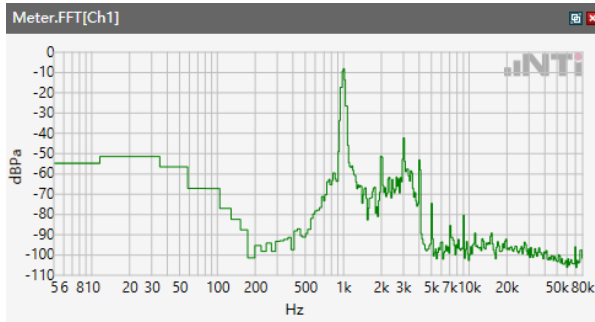
Speech Level RCV: 87.71 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\LTE Band 25



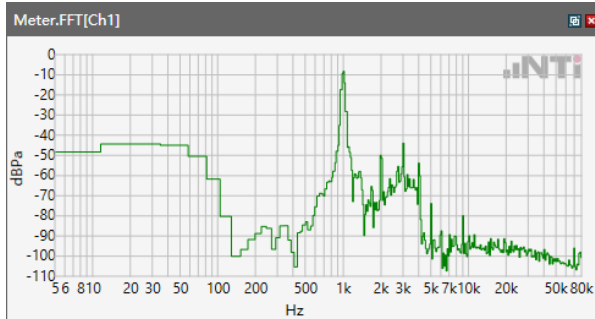
Speech Level RCV: 87.82 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 66



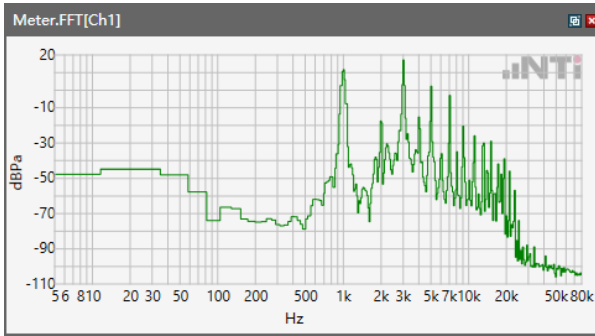
Speech Level RCV: 87.91 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 71



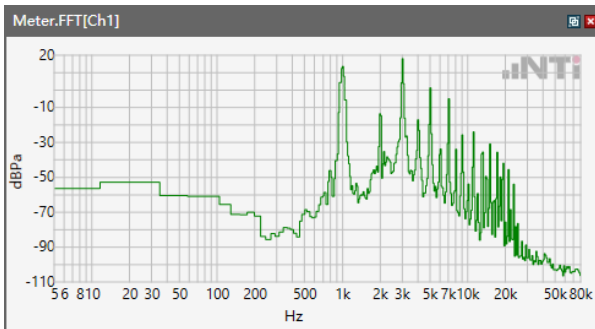
Speech Level RCV: 86.88 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 2.4GHz



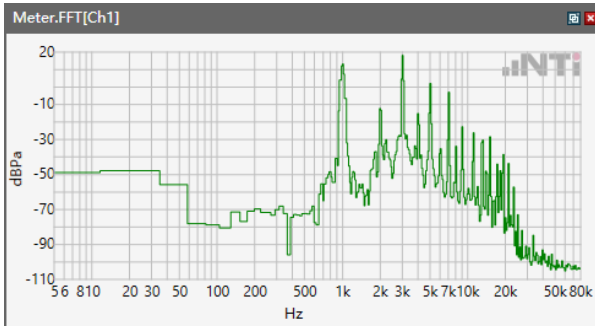
Speech Level RCV: 107.2 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.2GHz



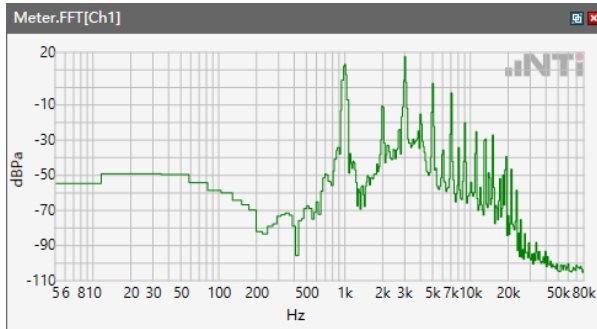
Speech Level RCV: 107.6 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.3 GHz



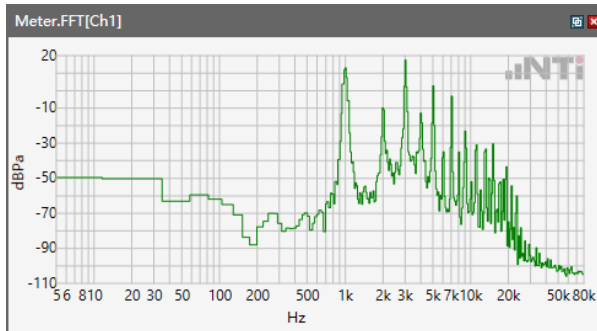
Speech Level RCV: 108 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.5 GHz



Speech Level RCV: 106.5 dB[SPL]

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.8 GHz



Speech Level RCV: 107.4 dB[SPL]

### **5.1.1 -1 Conversation Gain 2N**

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\GSM 850

#### **Correction**

rcv_vol_wb	87.73 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
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rcv\_vol\_wb-70

Calculated Value: 17.73 dB OK

**Ok**

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#### **Limits**

	<b>lower</b>
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\GSM 1900

#### **Correction**

rcv_vol_wb	87.99 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.99 dB OK

**Ok**

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#### **Limits**

	<b>lower</b>
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band II

**Correction**

rcv_vol_wb	87.85 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.85 dB OK

**Ok**

**Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band IV

**Correction**

rcv_vol_wb	87.91 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.91 dB OK

**Ok**

**Limits**

	lower
Run 1	6.00 dB



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WCDMA Band V

**Correction**

rcv_vol_wb	87.56 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
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rcv\_vol\_wb-70

Calculated Value: 17.56 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

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

**Correction**

rcv_vol_wb	87.89 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
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rcv\_vol\_wb-70

Calculated Value: 17.89 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 4

**Correction**

rcv_vol_wb	87.9 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	--------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.9 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 5

**Correction**

rcv_vol_wb	87.81 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.81 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 7

**Correction**

rcv_vol_wb	87.88 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.88 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 12

**Correction**

rcv_vol_wb	87.74 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.74 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 13

**Correction**

rcv_vol_wb	87.8 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	--------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.8 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 17

**Correction**

rcv_vol_wb	87.71 dB[SPL]	2024.04.03	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.71 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 25

**Correction**

rcv_vol_wb	87.82 dB[SPL]	2024.04.03	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.82 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ LTE Band 66

**Correction**

rcv_vol_wb	87.91 dB[SPL]	2024.03.19	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 17.91 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\LTE Band 71

**Correction**

rcv_vol_wb	86.88 dB[SPL]	2024.03.22	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 16.88 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 2.4GHz

**Correction**

rcv_vol_wb	107.2 dB[SPL]	2024.03.26	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 37.2 dB OK

**Ok****Limits**

	lower
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.2GHz

**Correction**

rcv_vol_wb	107.6 dB[SPL]	2024.03.27	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 37.6 dB OK

**Ok****Limits**

	<b>lower</b>
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.3GHz

**Correction**

rcv_vol_wb	108 dB[SPL]	2024.03.27	Measured	5.1 Receive Volume Control Performance 2N
------------	-------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 38 dB OK

**Ok****Limits**

	<b>lower</b>
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.5GHz

**Correction**

rcv_vol_wb	106.5 dB[SPL]	2024.03.27	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 36.5 dB OK

**Ok****Limits**

	<b>lower</b>
Run 1	6.00 dB

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\WLAN 5.8GHz

**Correction**

rcv_vol_wb	107.4 dB[SPL]	2024.03.27	Measured	5.1 Receive Volume Control Performance 2N
------------	---------------	------------	----------	-------------------------------------------

rcv\_vol\_wb-70

Calculated Value: 37.4 dB OK

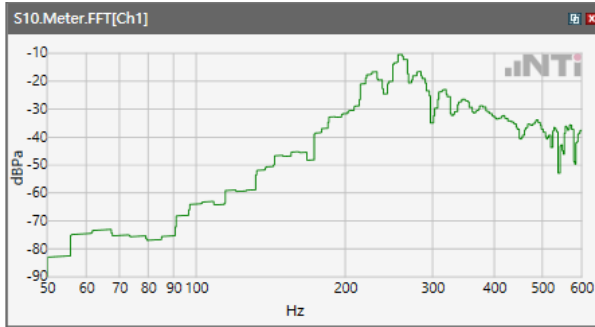
**Ok****Limits**

	<b>lower</b>
Run 1	6.00 dB

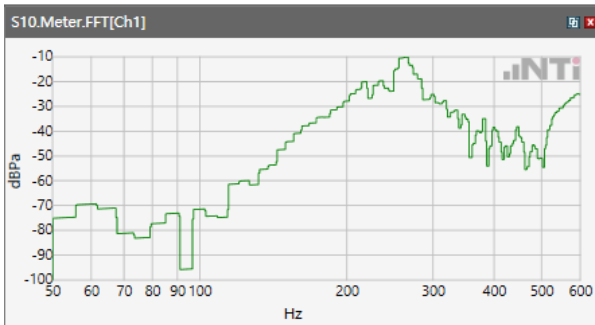


## Receive path - distortion and noise 250 WB only

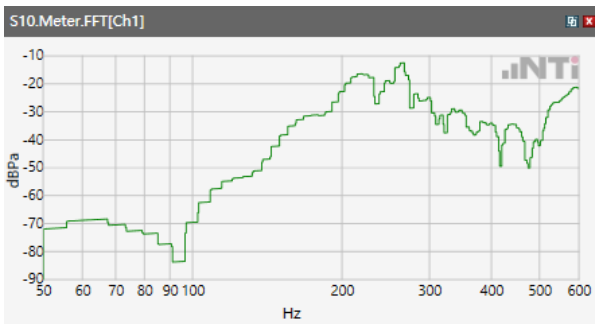
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



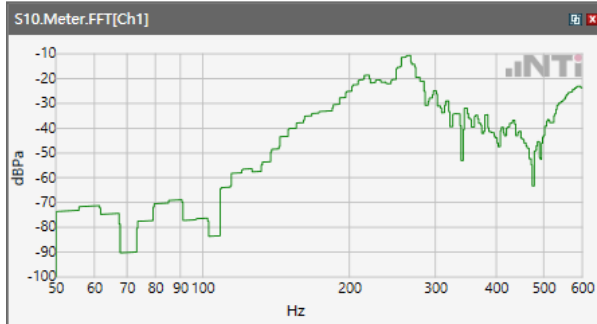
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



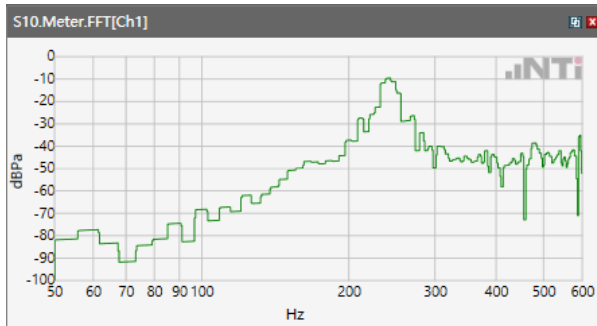
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



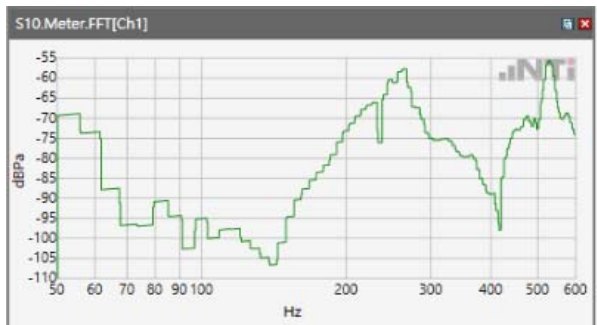
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



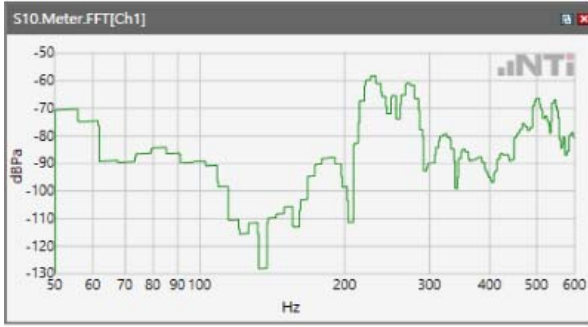
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



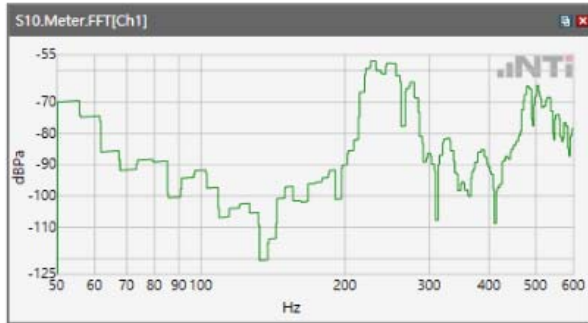
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



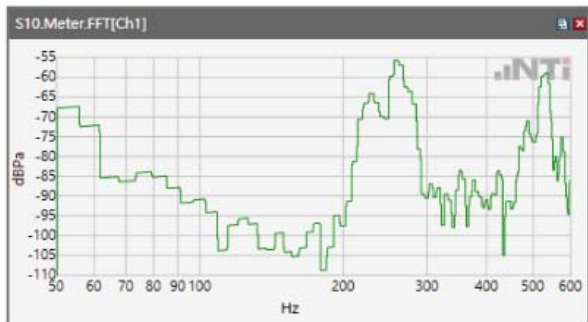
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



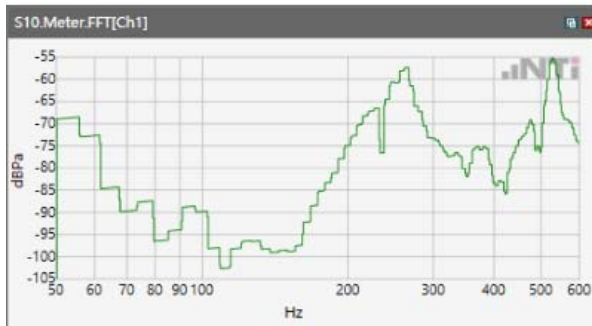
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



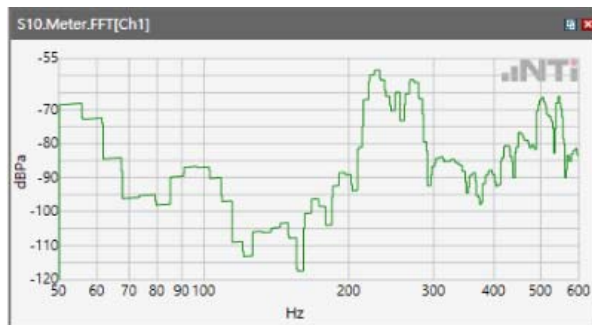
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



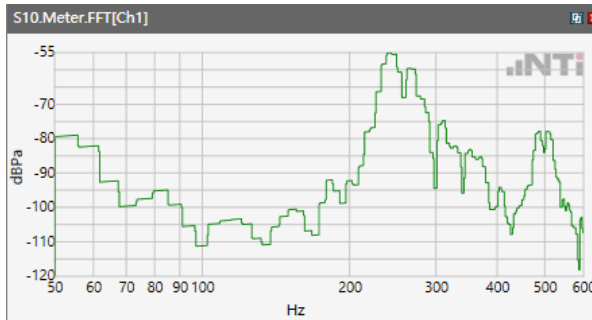
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



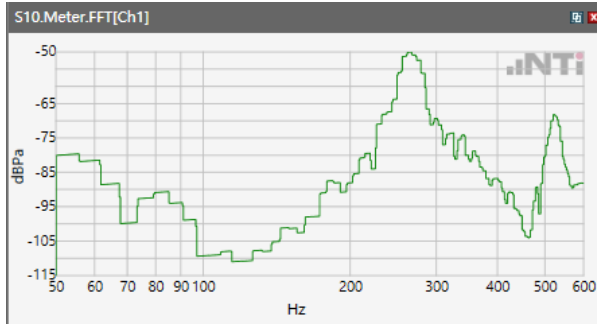
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



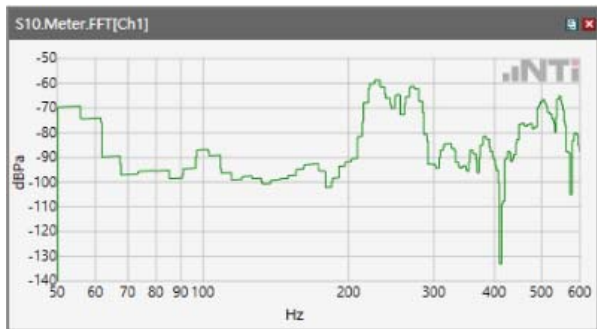
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



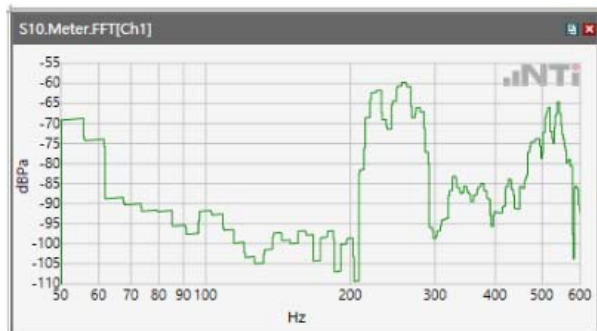
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



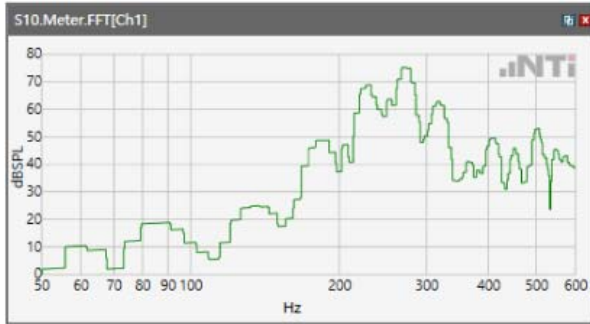
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



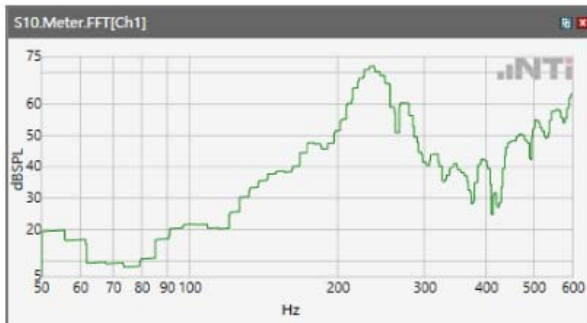
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



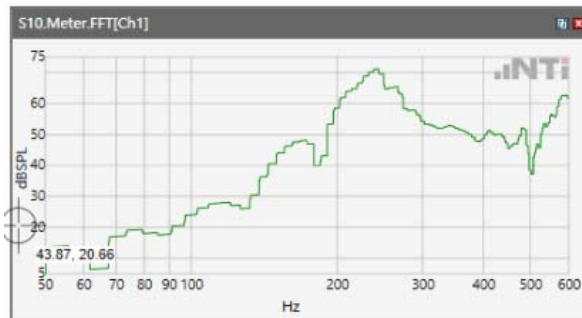
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



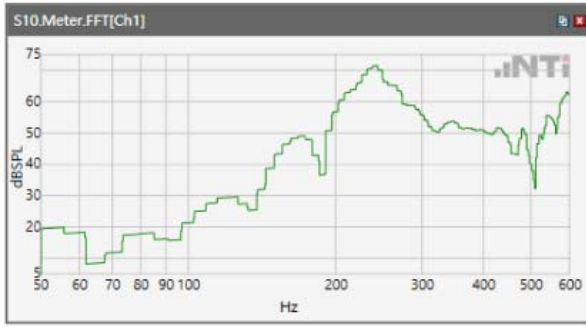
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.2GHz



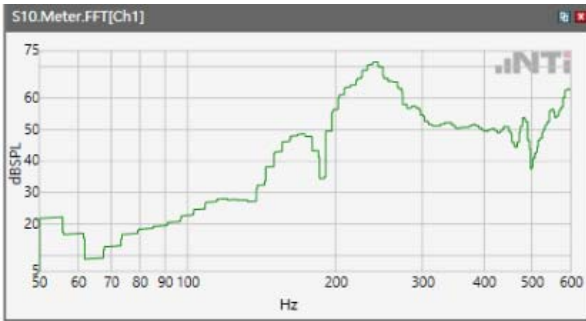
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

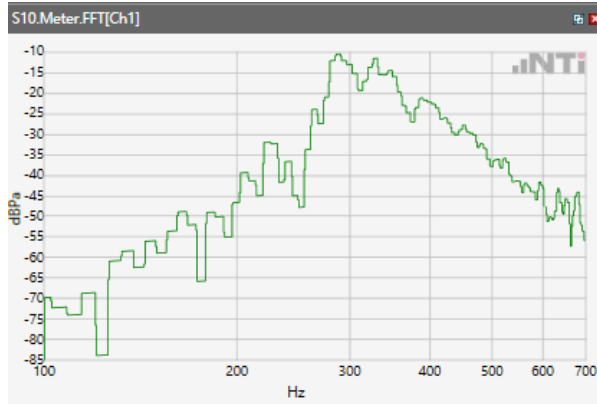


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

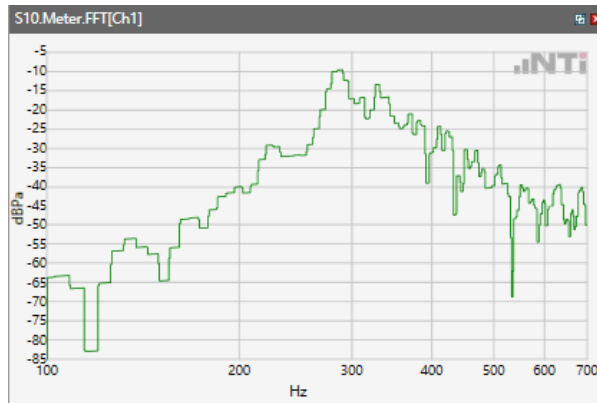


## Receive path - distortion and noise 315Hz WB only

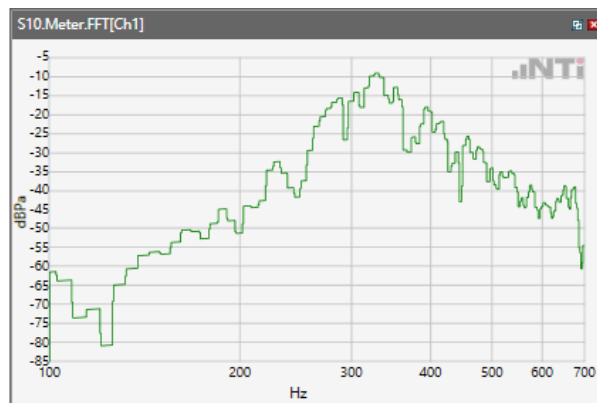
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900

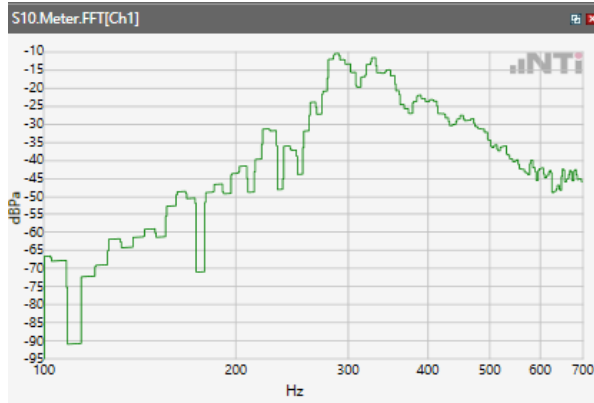


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II

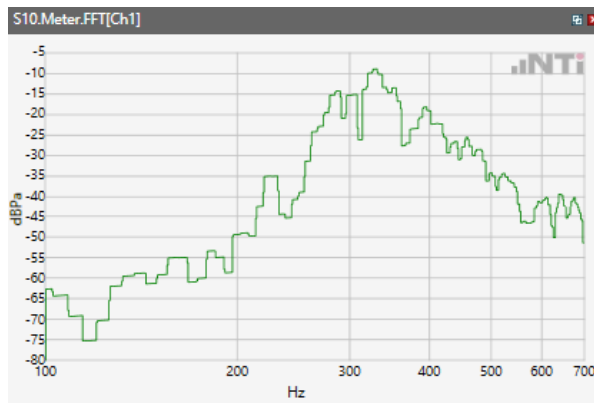




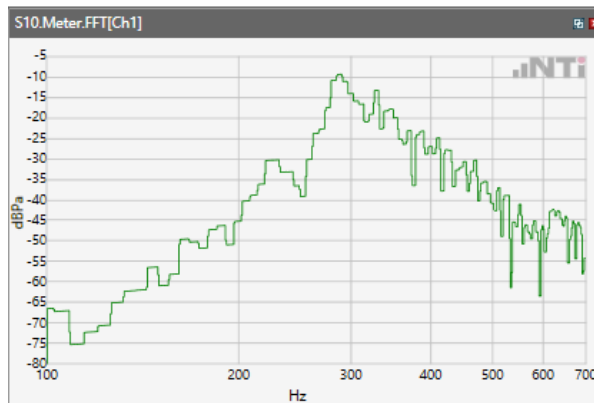
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



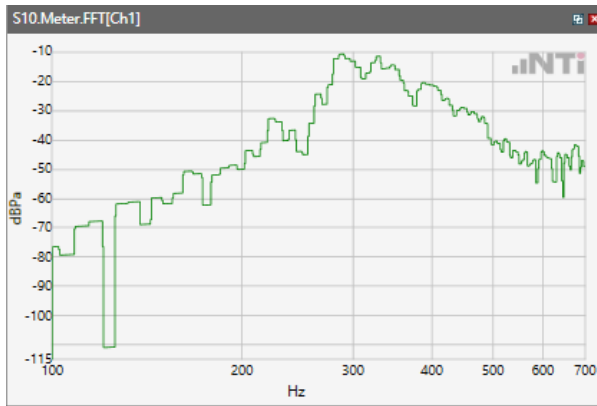
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



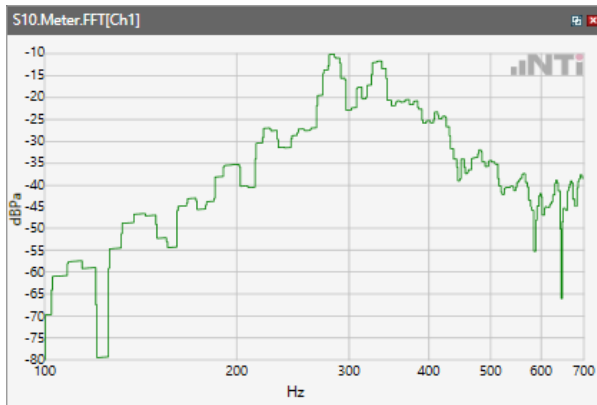
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



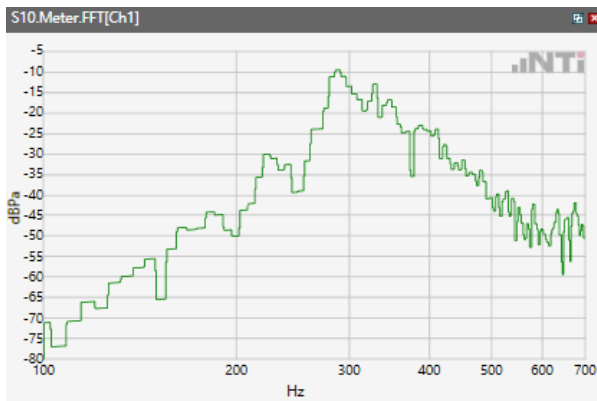
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



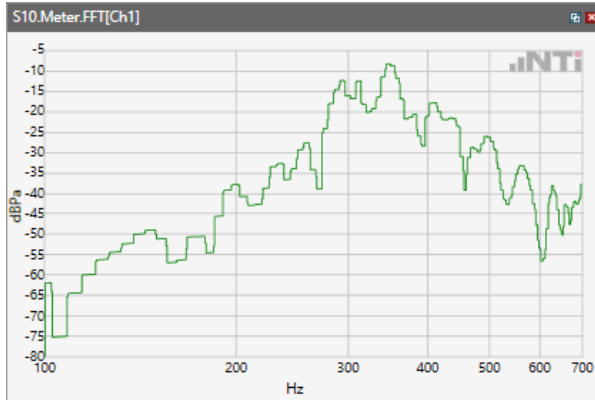
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



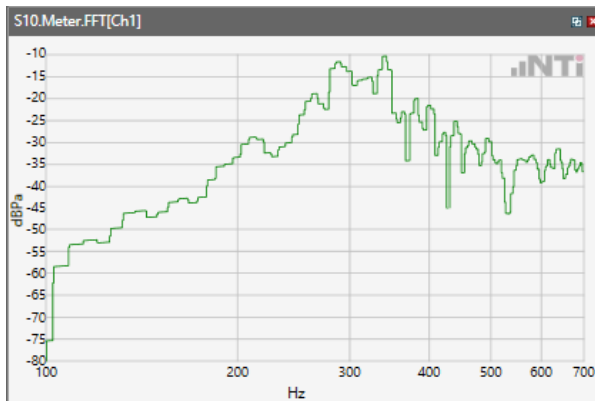
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



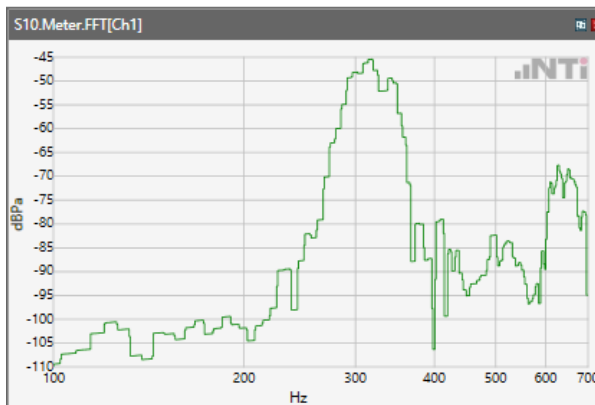
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



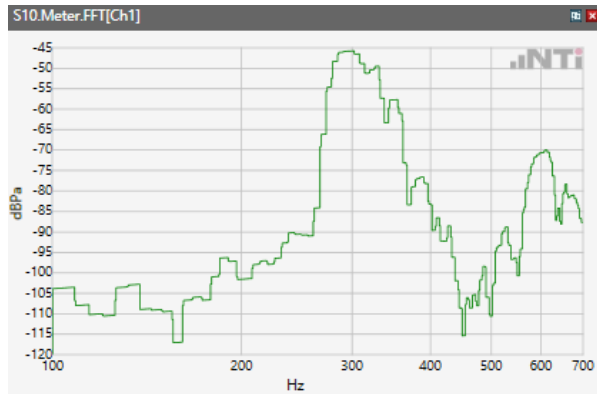
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



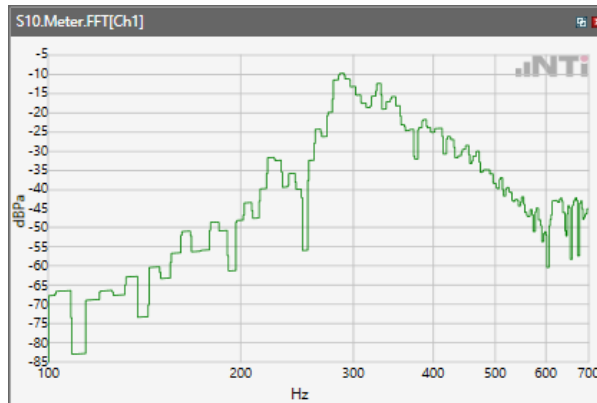
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



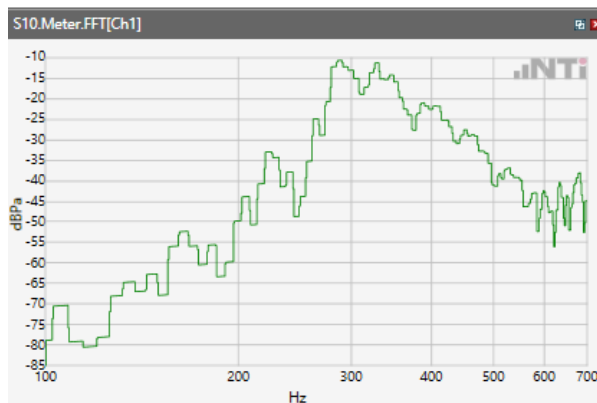
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



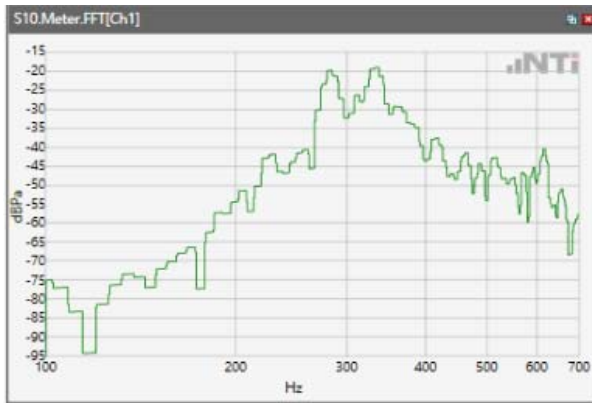
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



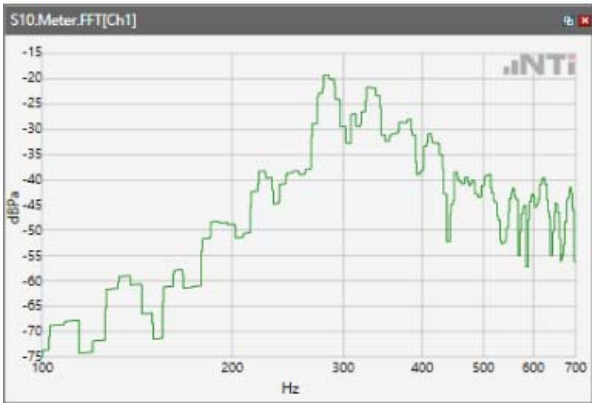
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



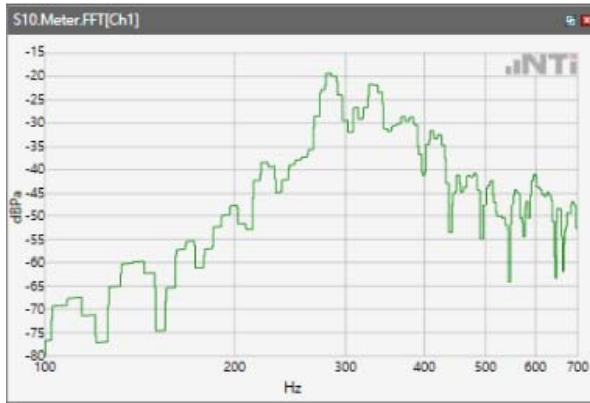
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.2GHz



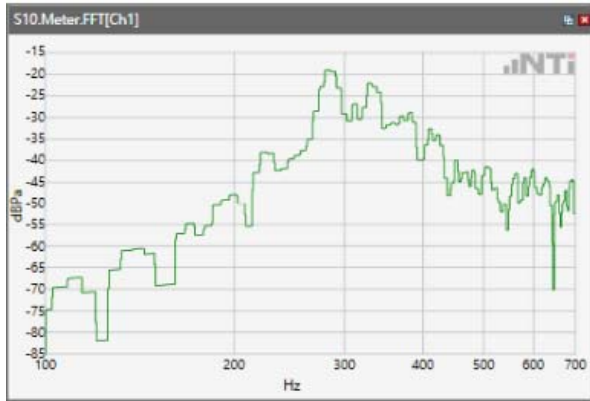
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

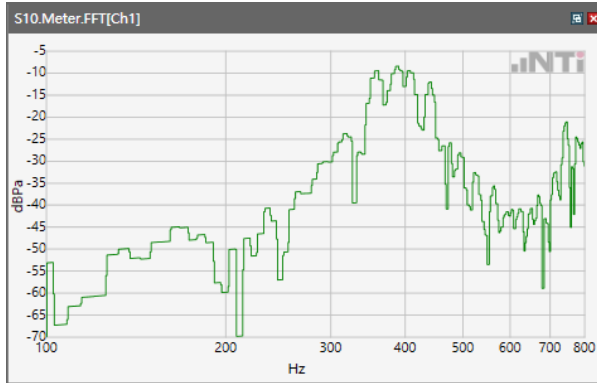


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

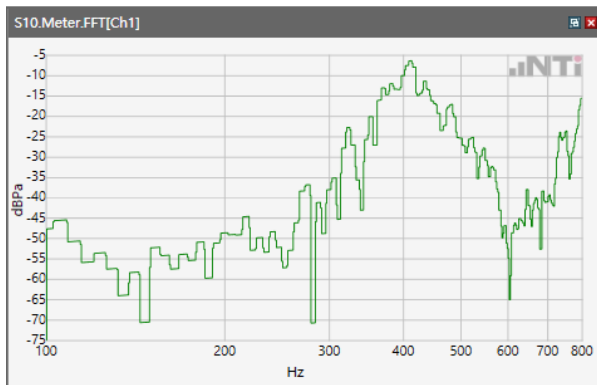


## Receive path - distortion and noise 400Hz WB&NB

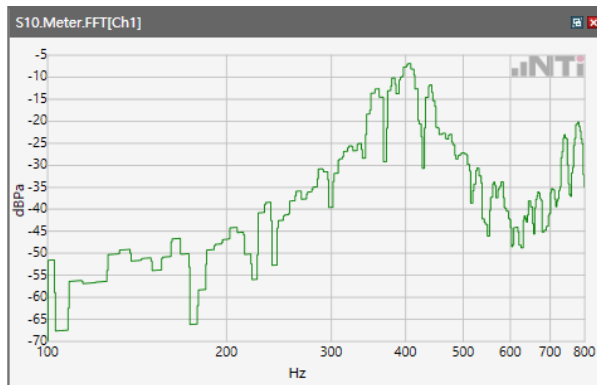
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



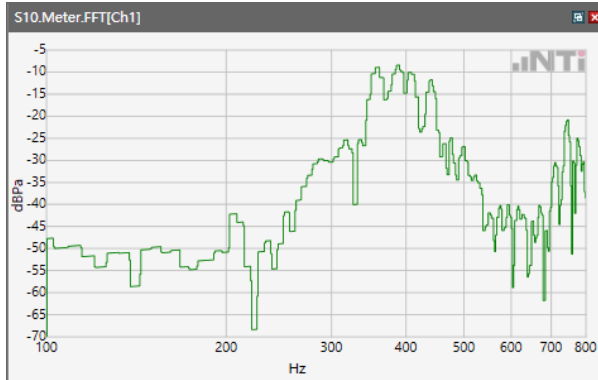
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



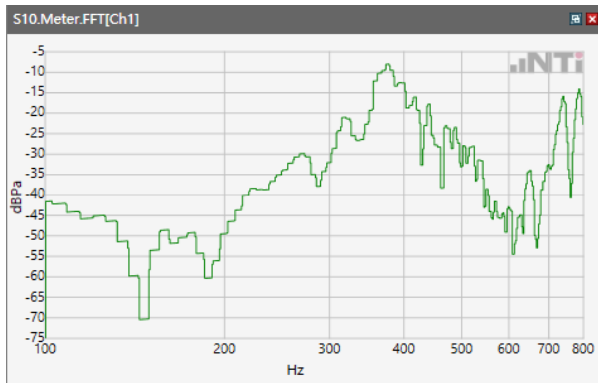
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



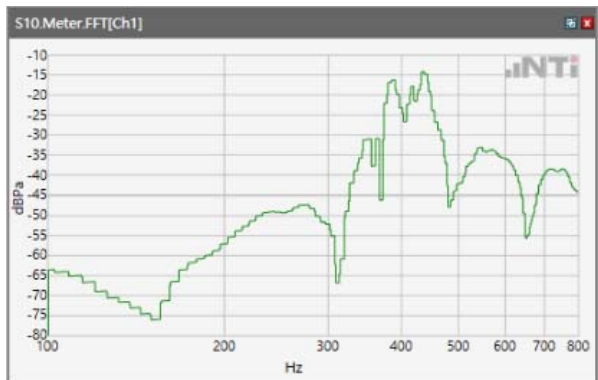
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



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





## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



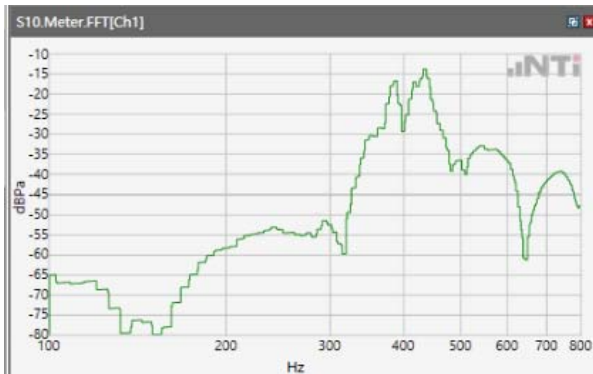
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



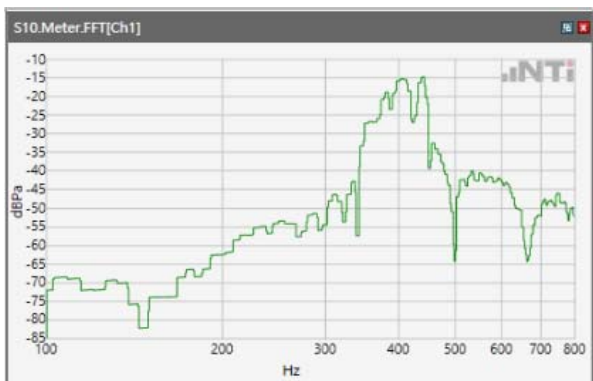
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



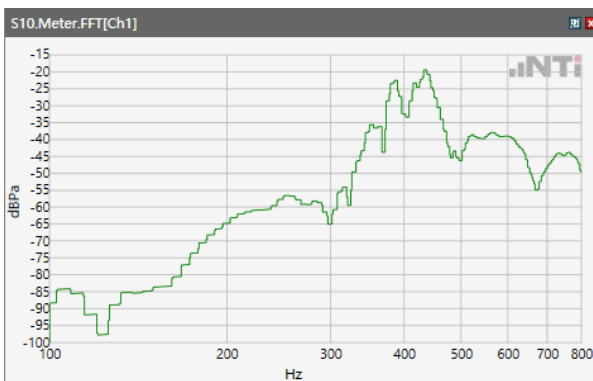
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



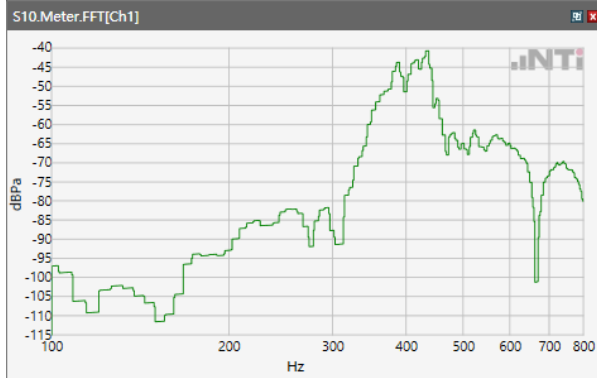
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



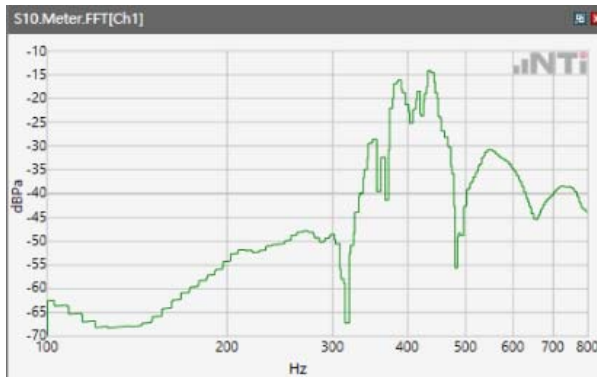
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



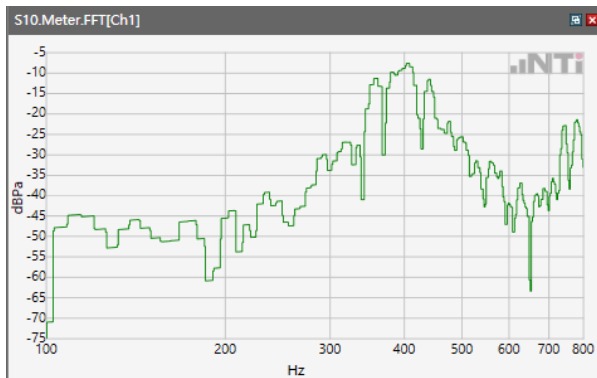
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



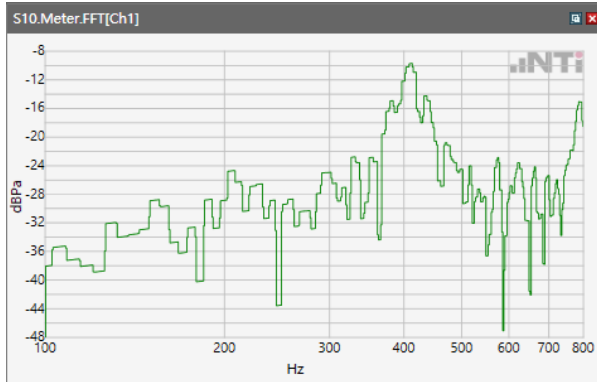
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



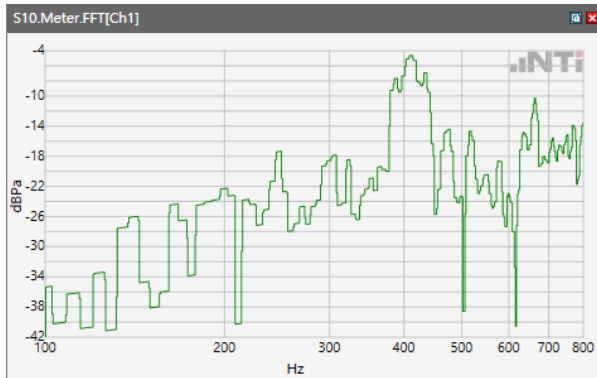
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



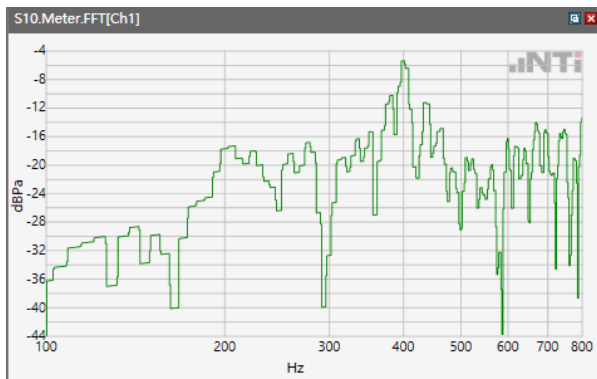
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



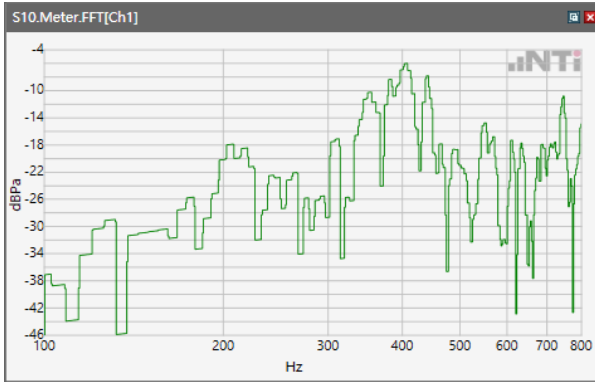
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



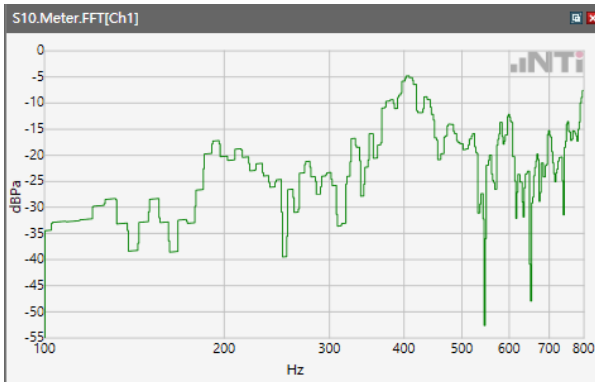
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

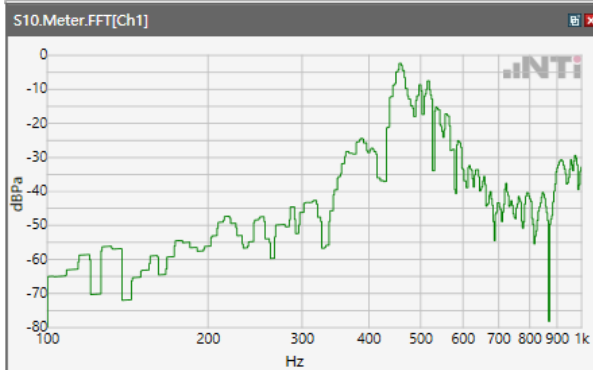


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

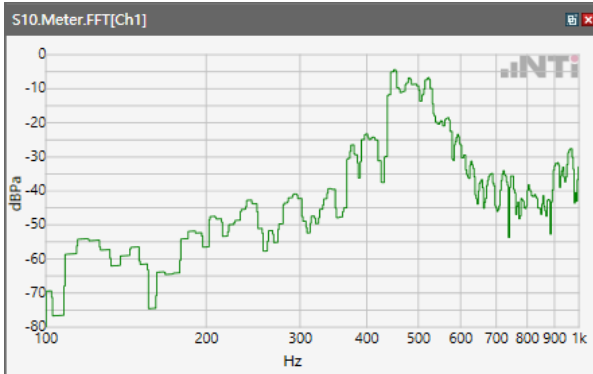


## Receive path - distortion and noise 500Hz WB&NB

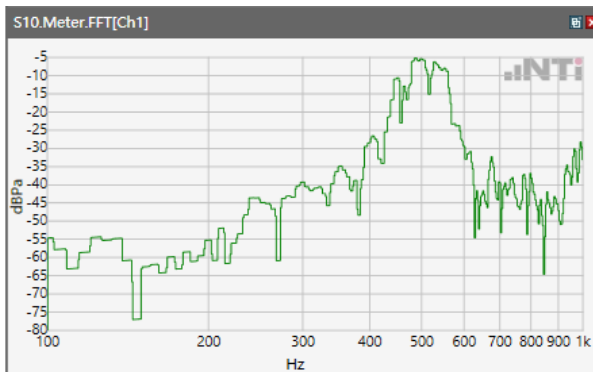
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



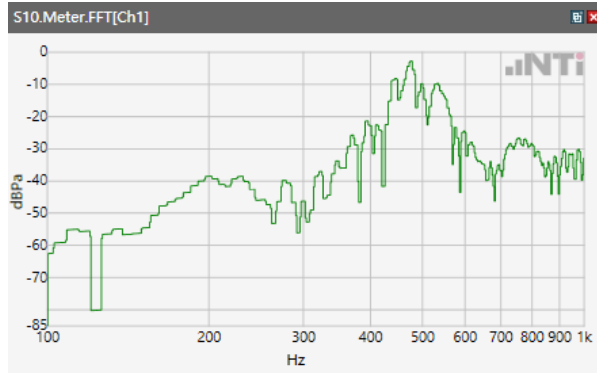
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



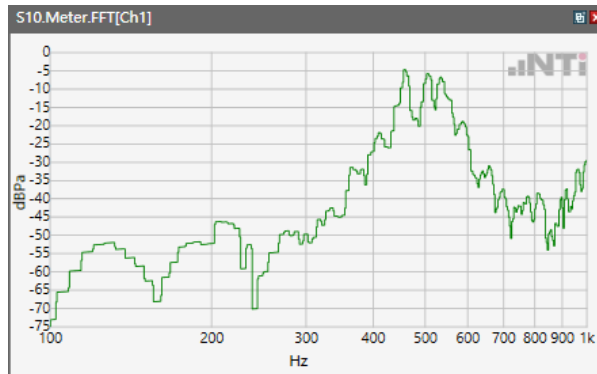
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



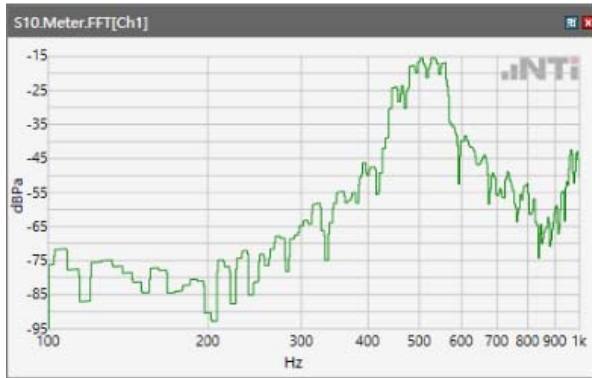
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



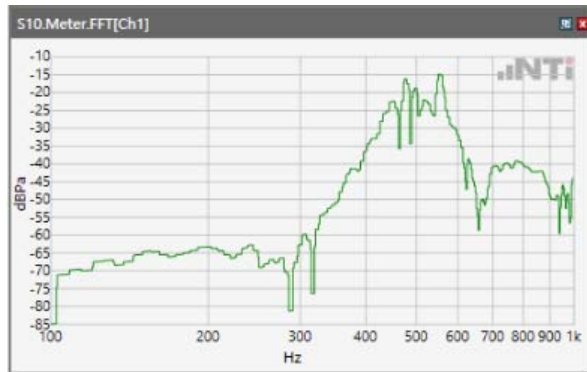
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



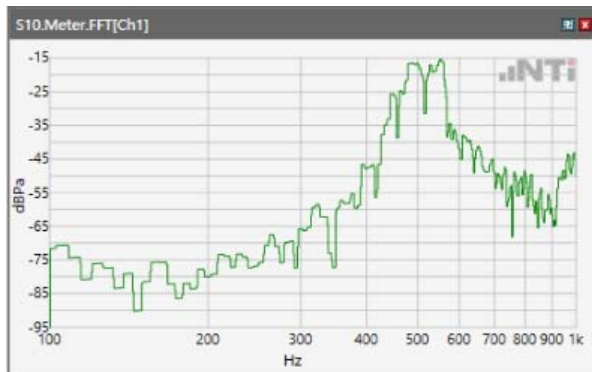
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5

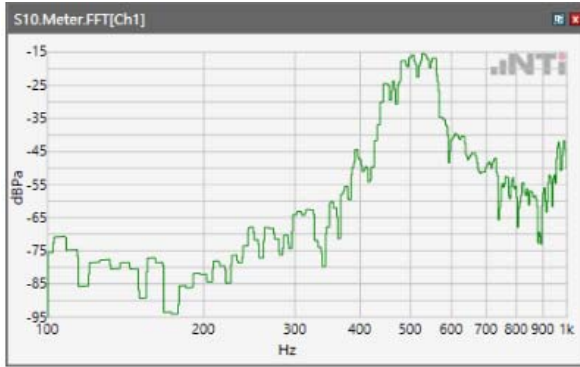


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7

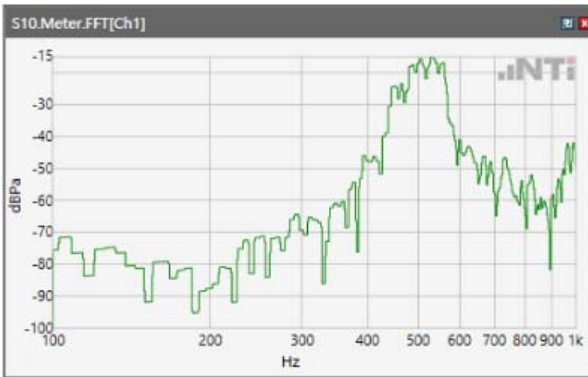




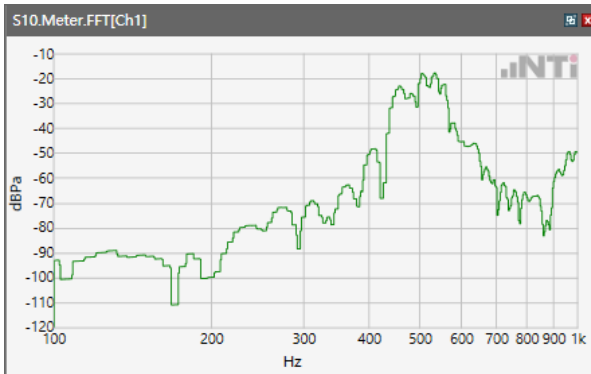
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



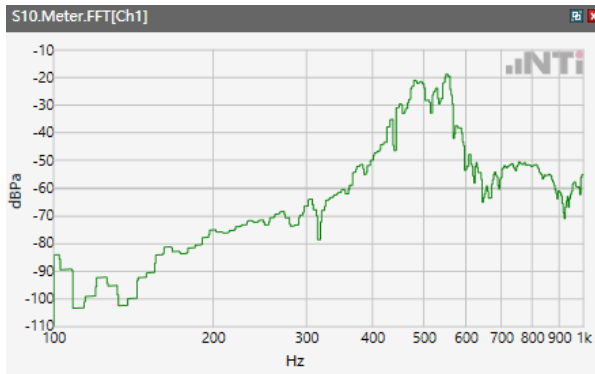
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



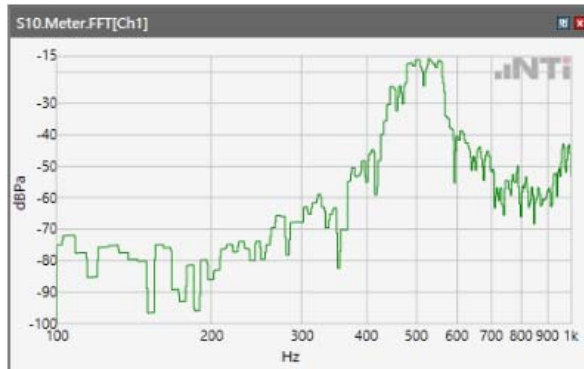
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



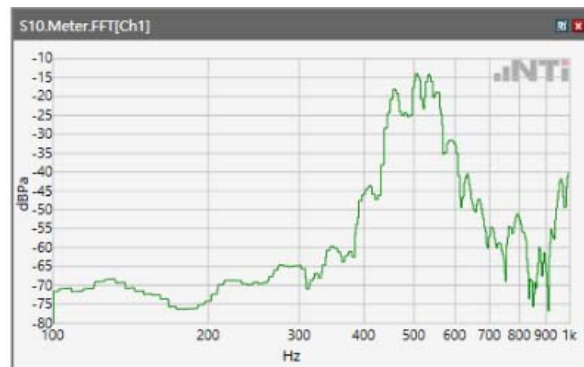
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



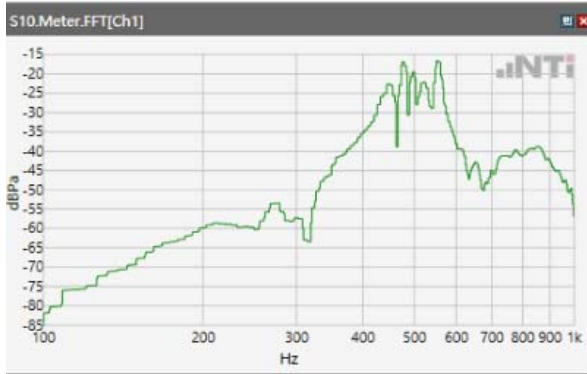
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



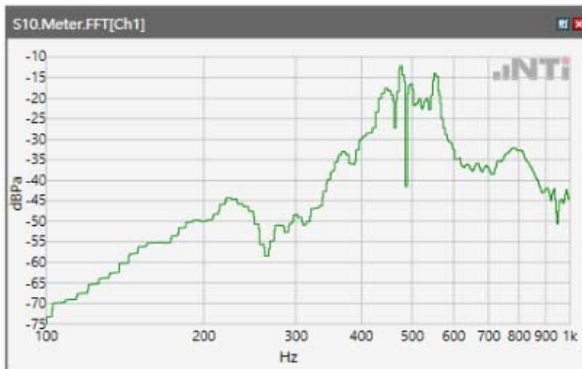
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



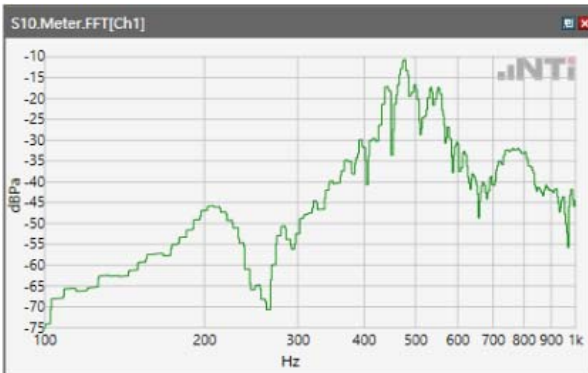
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



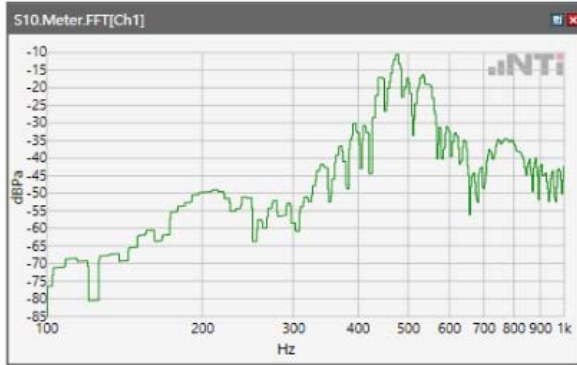
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



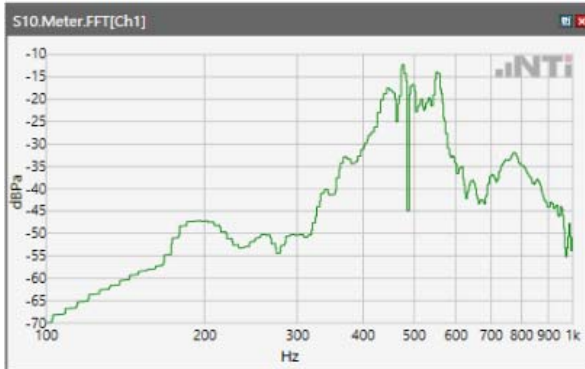
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.5GHz

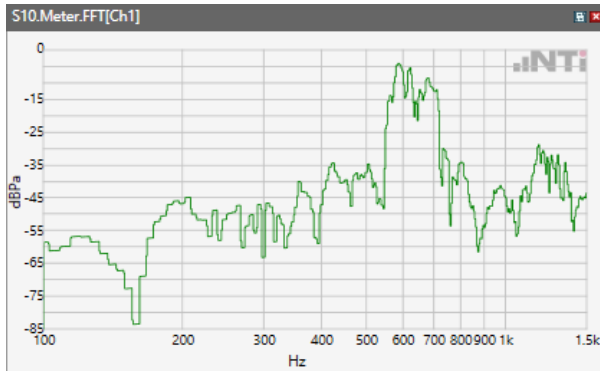


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.8GHz

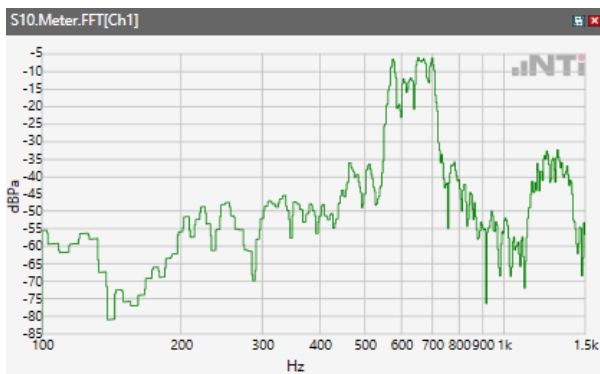


## Receive path - distortion and noise 630Hz WB&NB

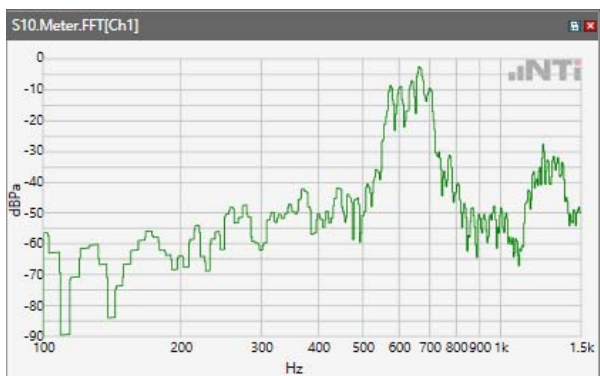
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



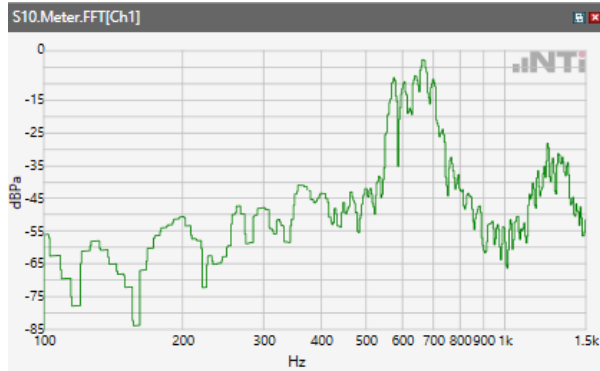
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



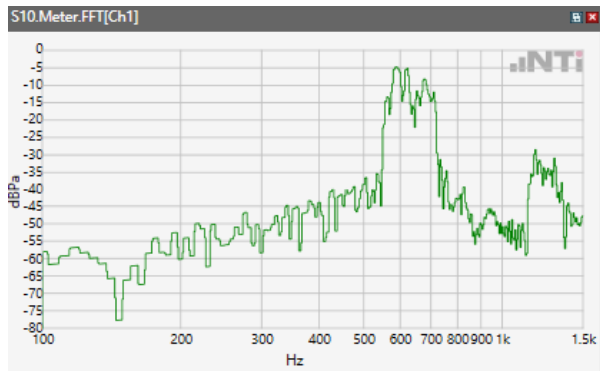
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



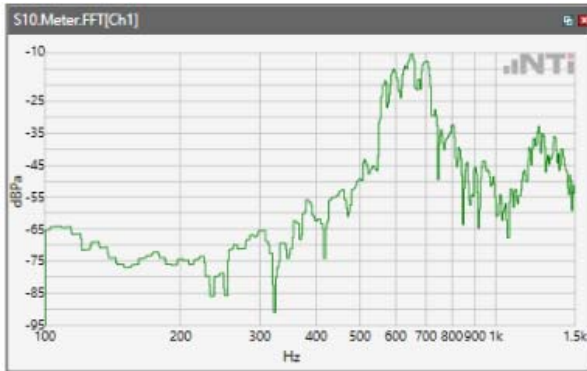
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



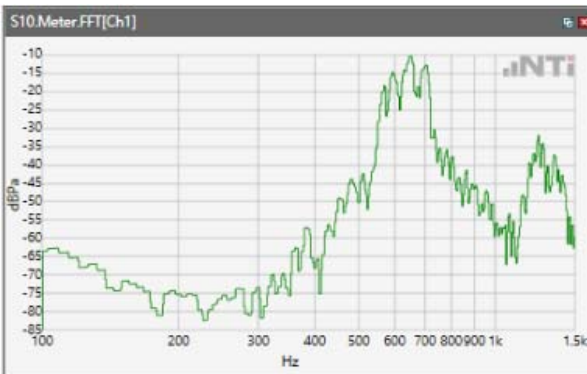
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



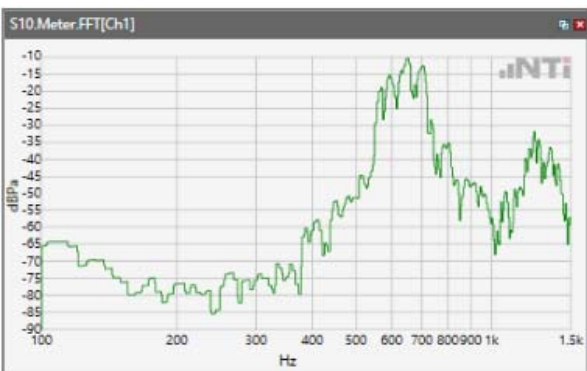
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



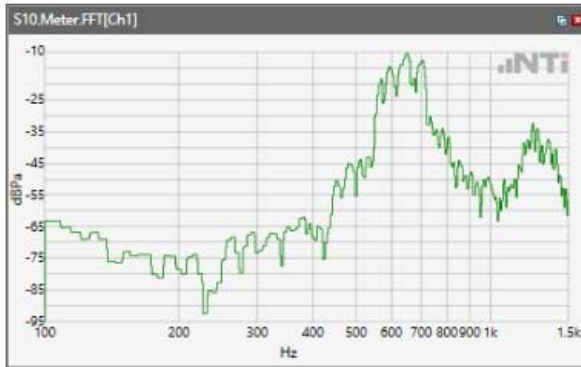
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



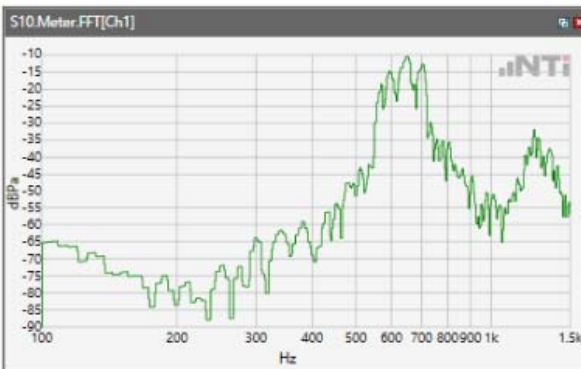
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



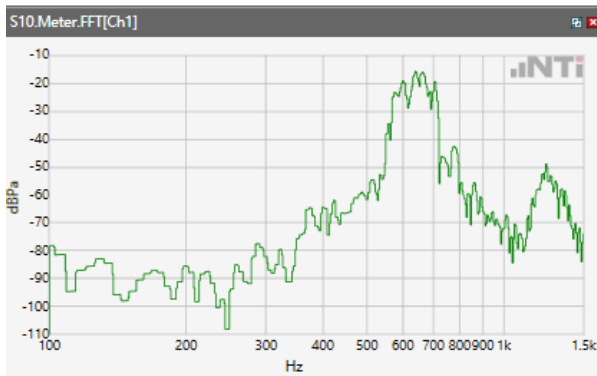
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE  
Band 12



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE  
Band 13

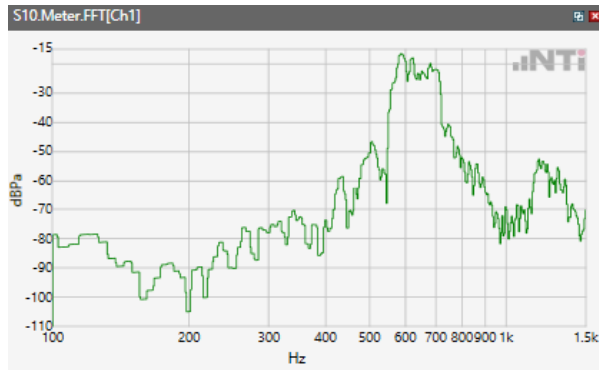


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE  
Band 17

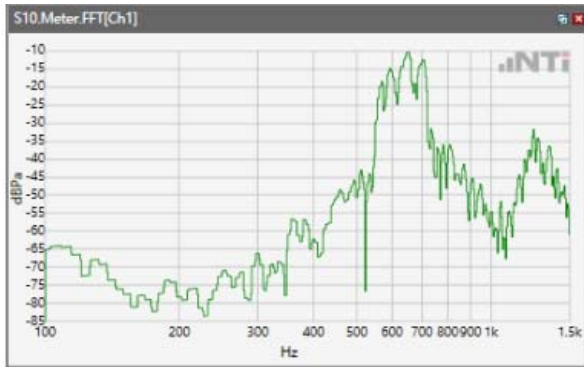




## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



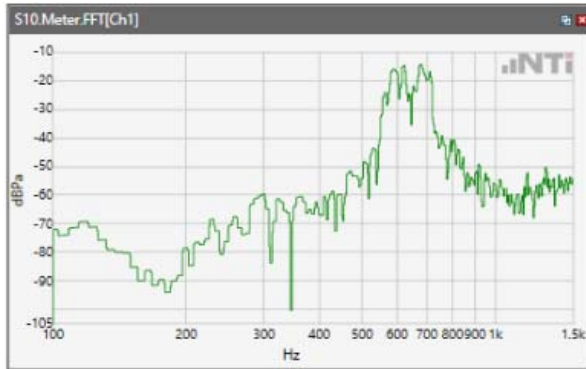
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



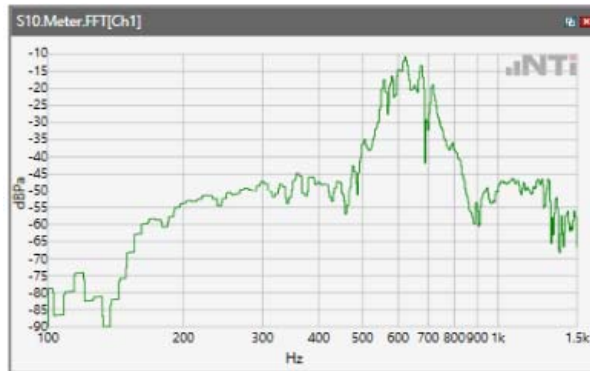
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



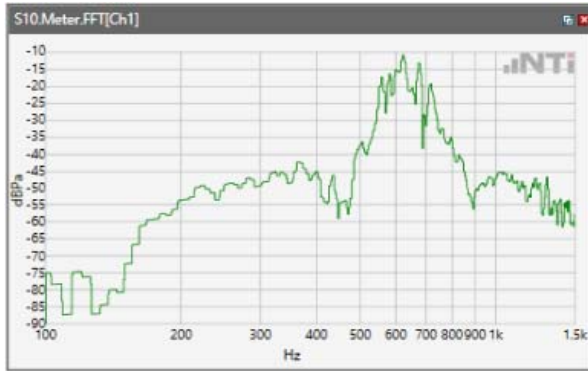
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

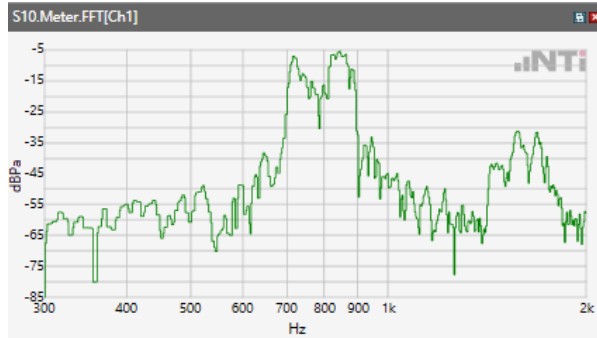


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

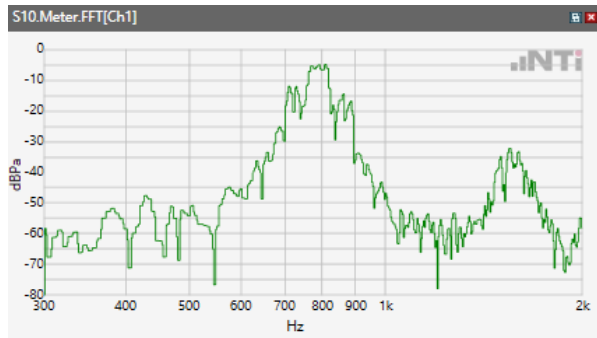


## Receive path - distortion and noise 800Hz WB&NB

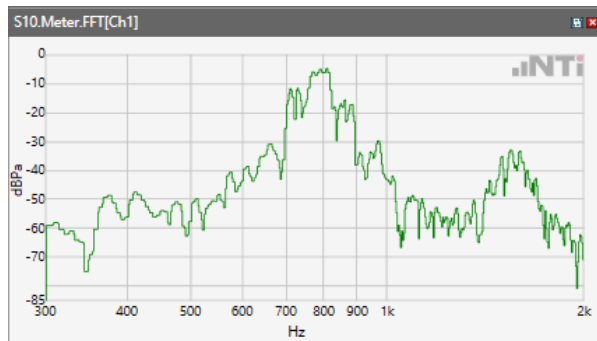
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



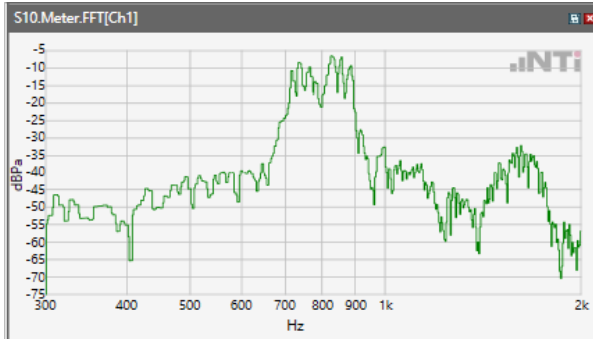
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



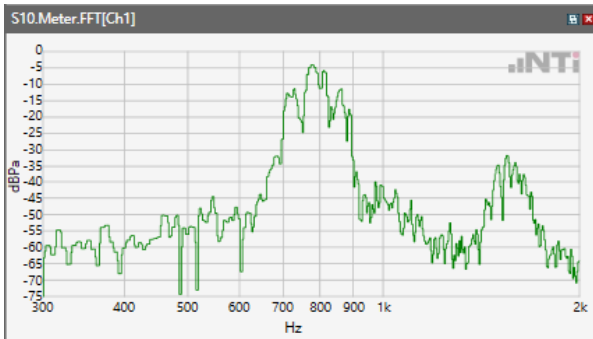
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



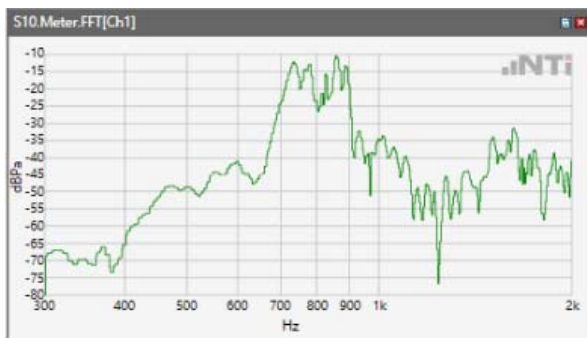
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



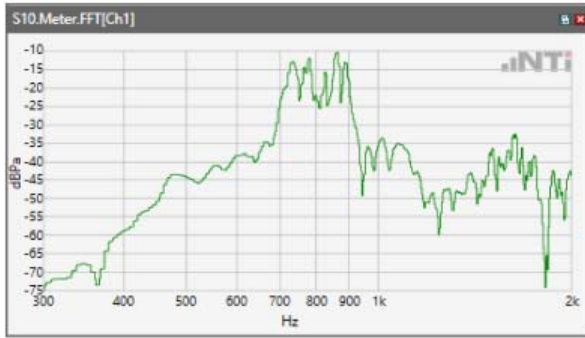
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



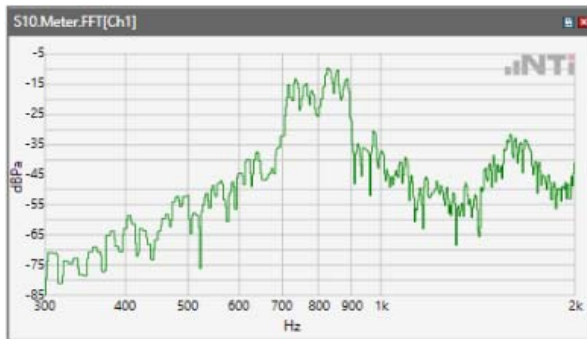
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



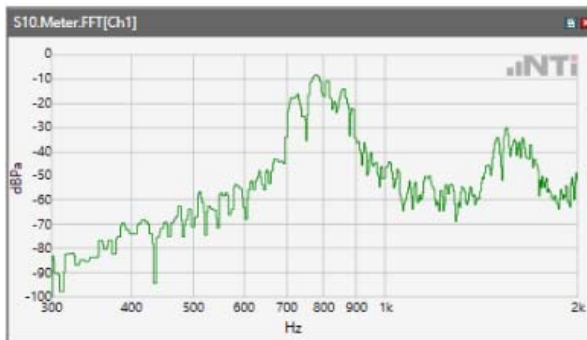
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



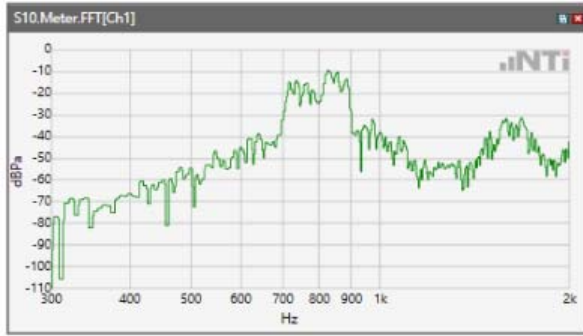
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



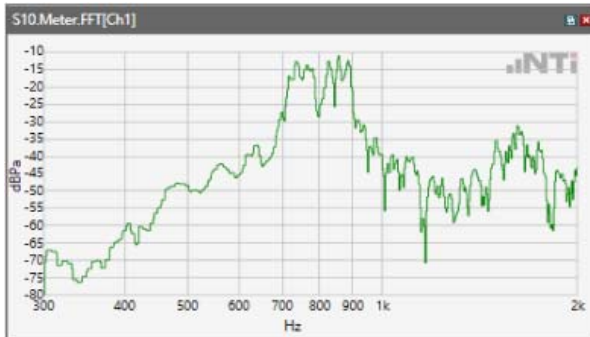
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



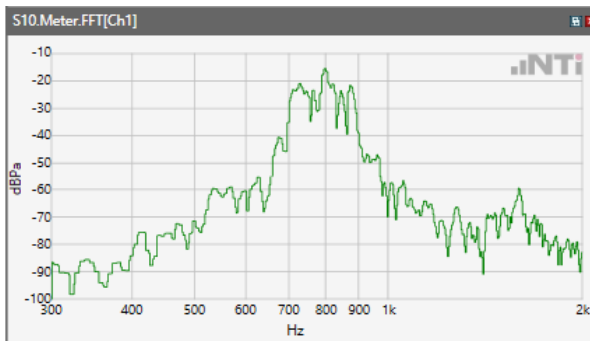
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



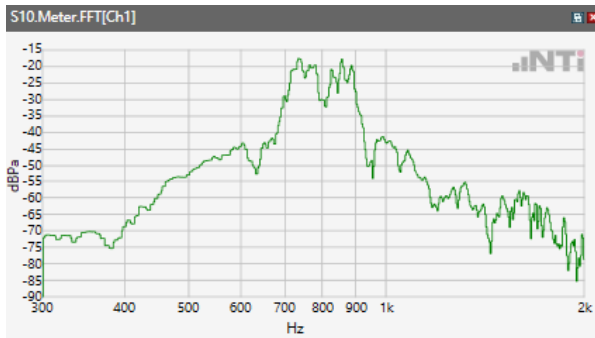
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



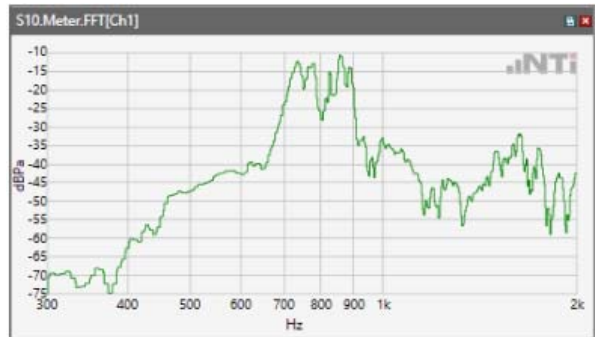
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



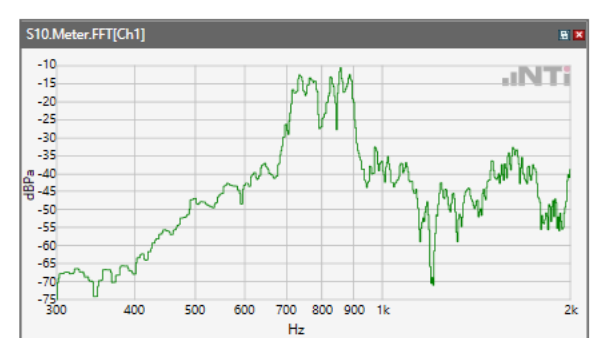
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66

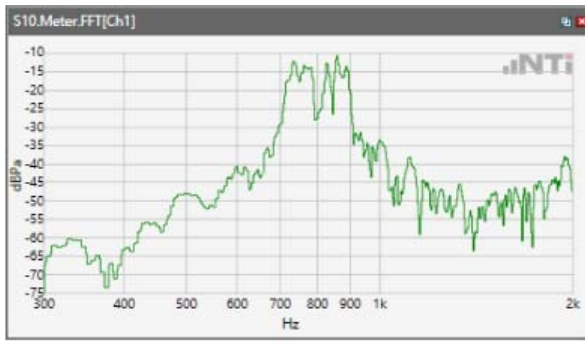


## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71

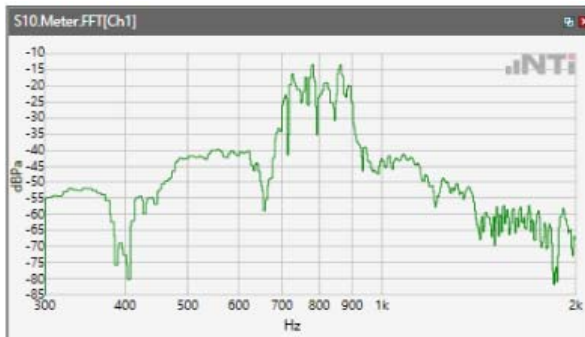




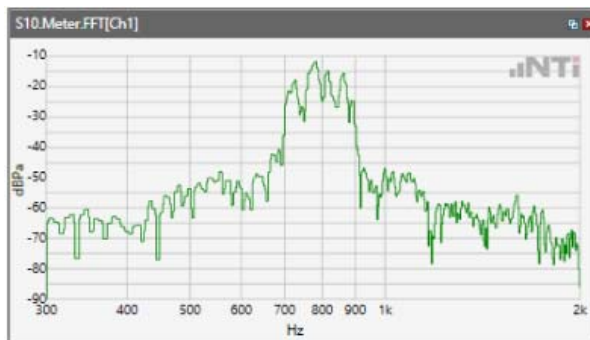
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



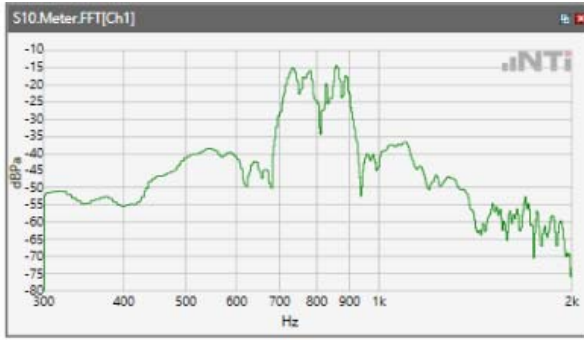
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.2GHz



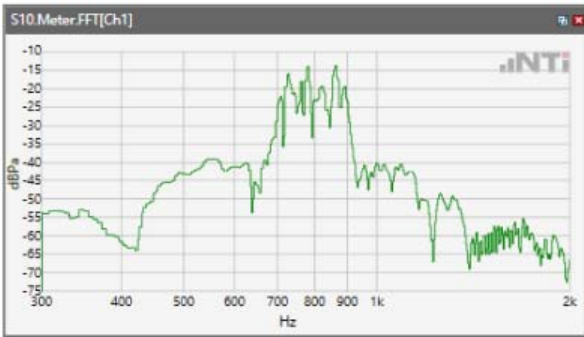
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

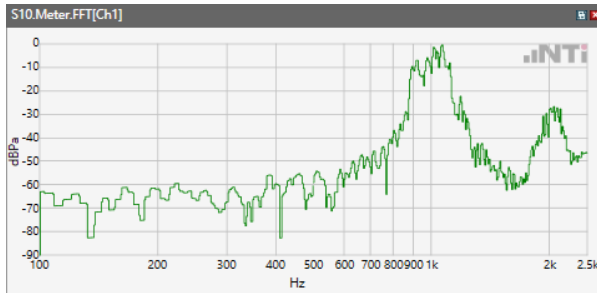


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

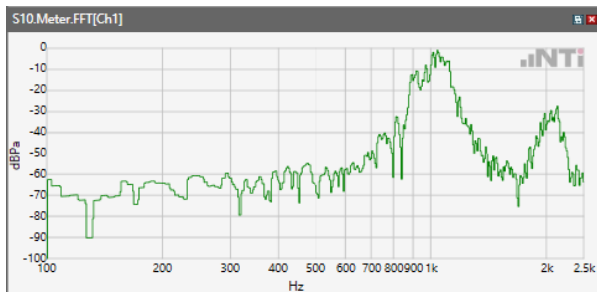


## Receive path - distortion and noise 1000Hz WB&NB

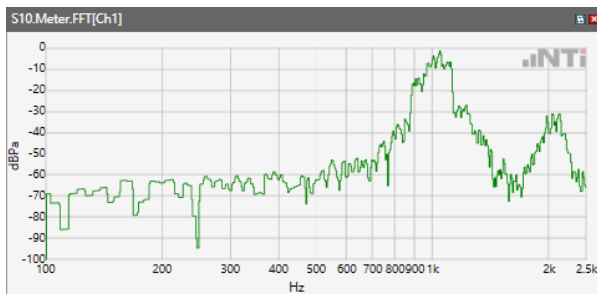
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



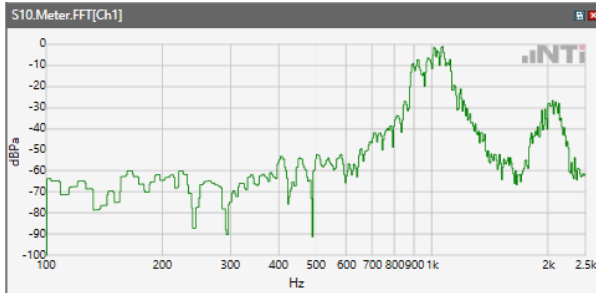
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



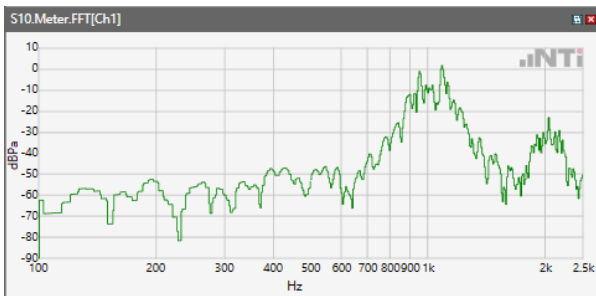
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



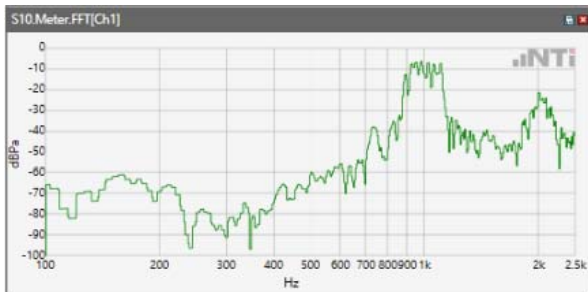
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



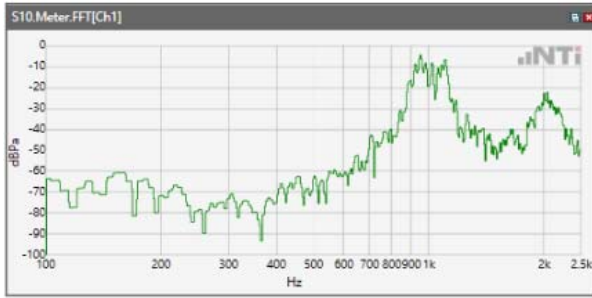
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



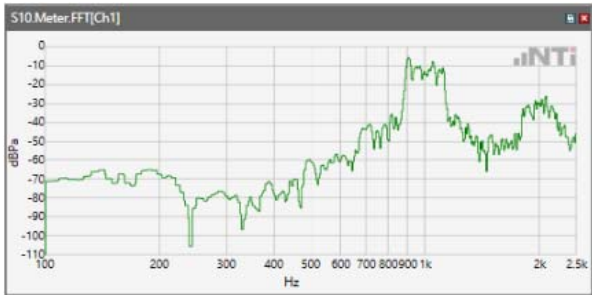
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



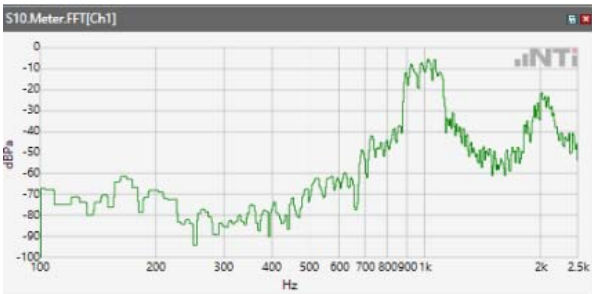
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



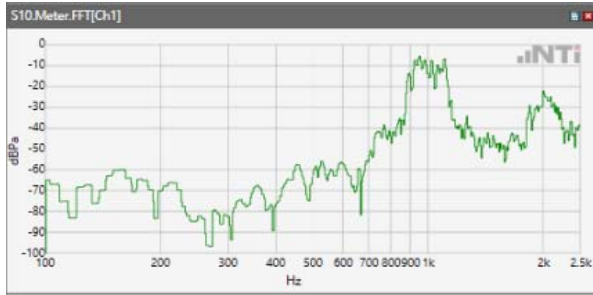
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



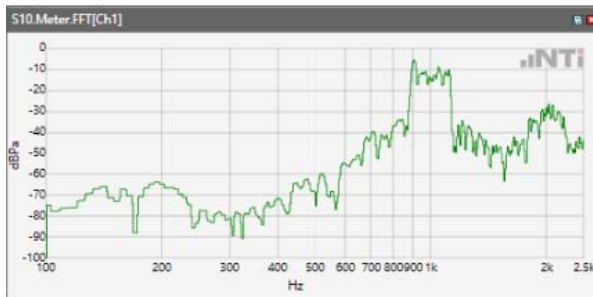
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



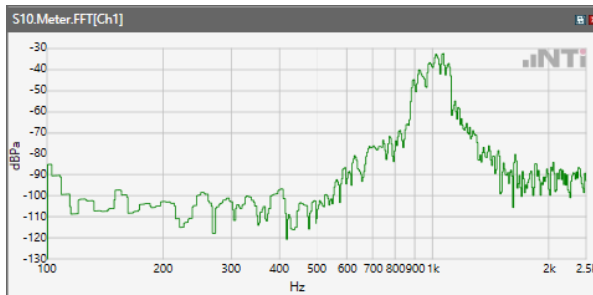
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



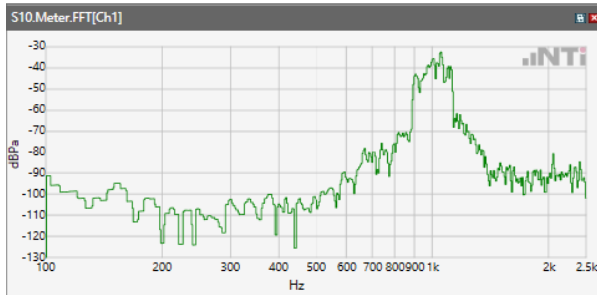
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



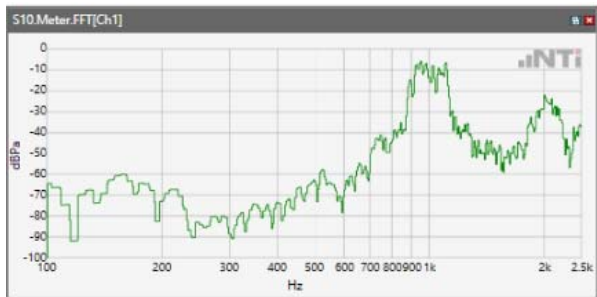
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



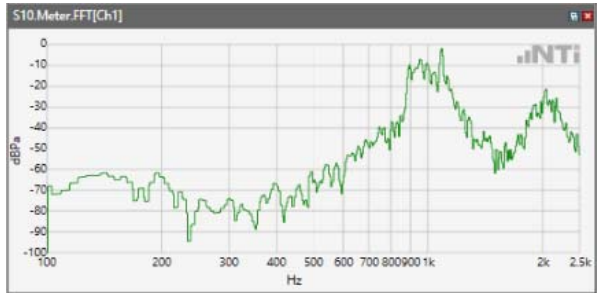
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



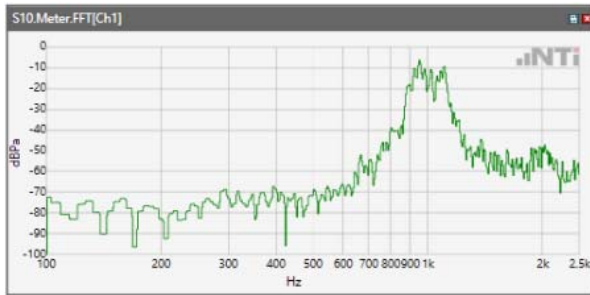
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



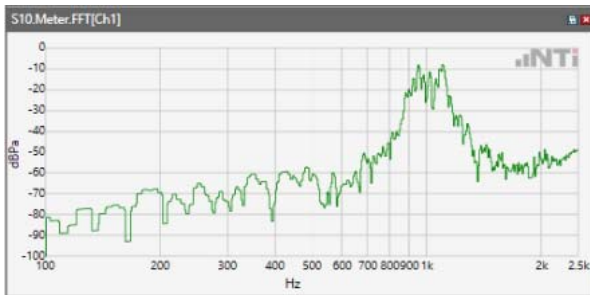
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.2GHz

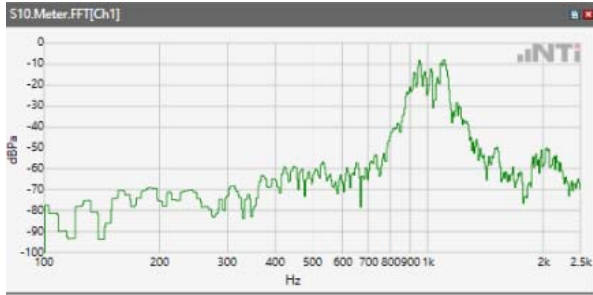


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.3GHz

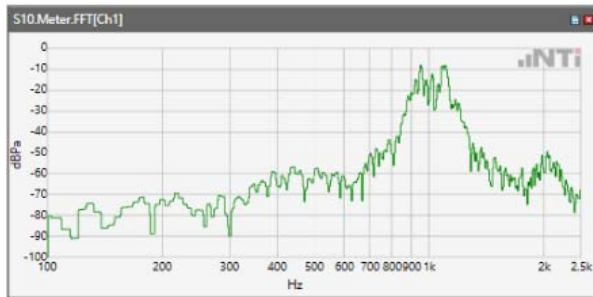




ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

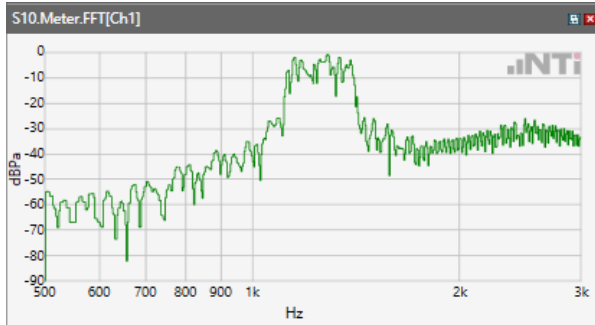


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

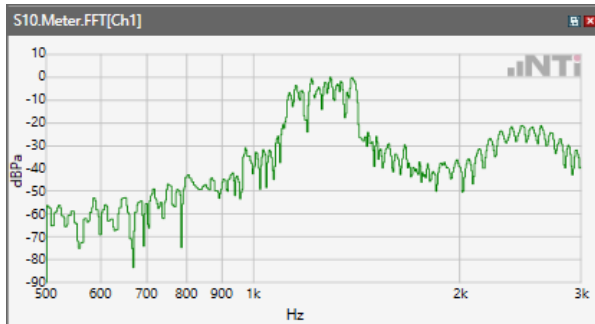


## Receive path - distortion and noise 1250Hz WB&NB

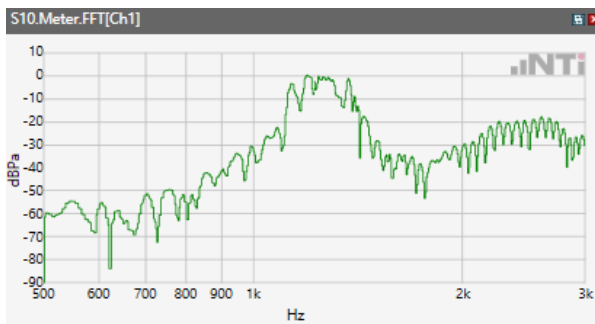
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



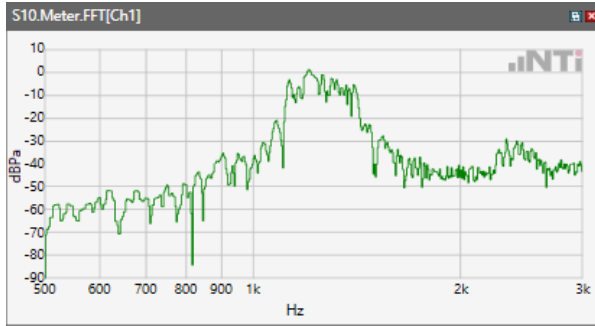
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



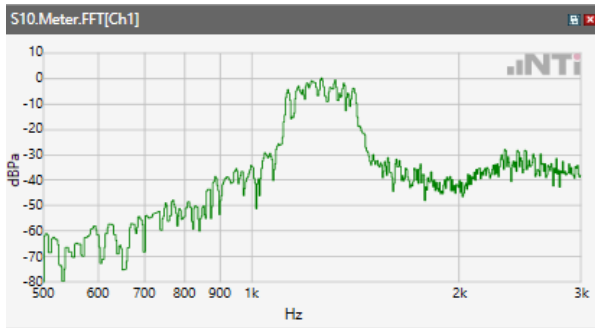
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



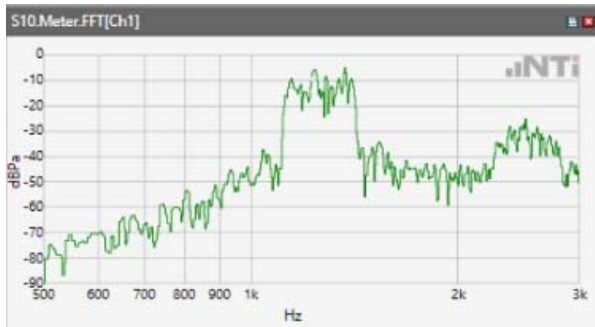
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



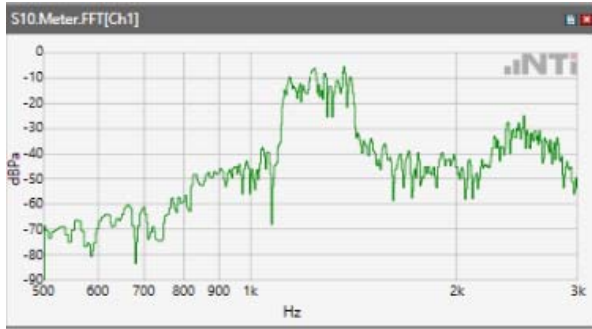
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



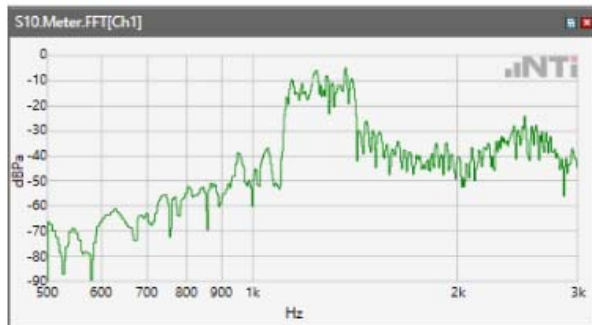
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



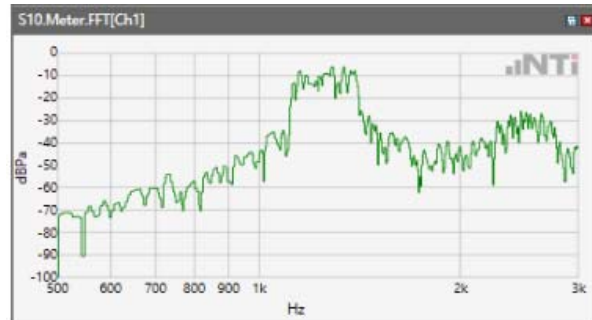
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



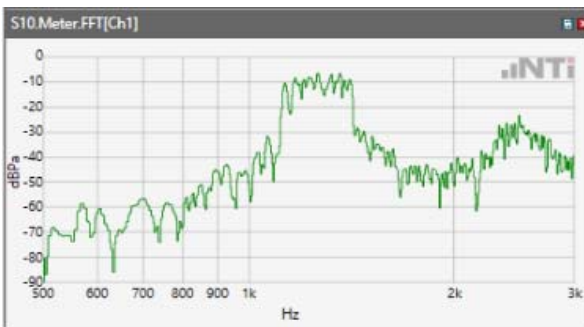
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



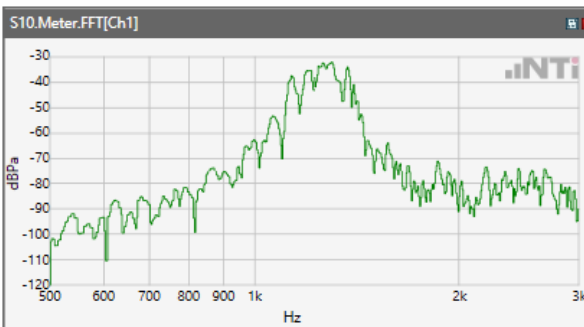
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



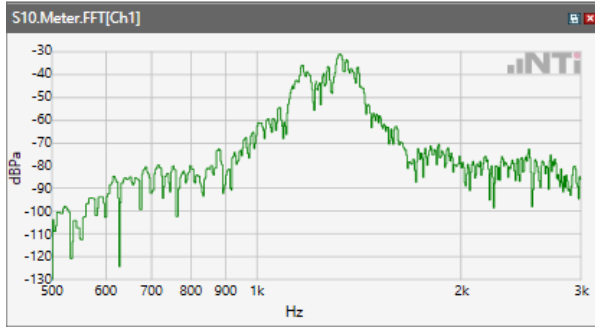
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



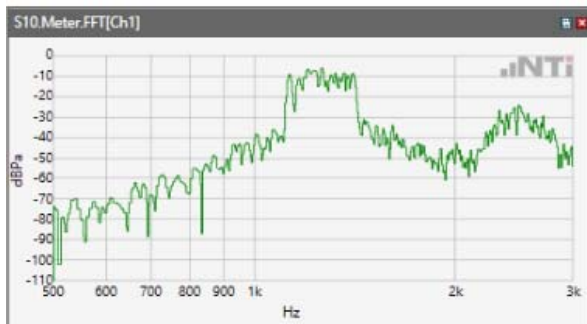
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



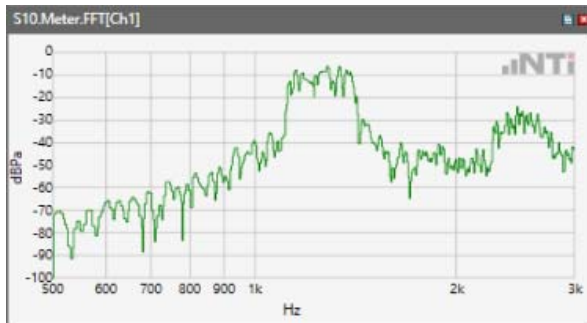
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



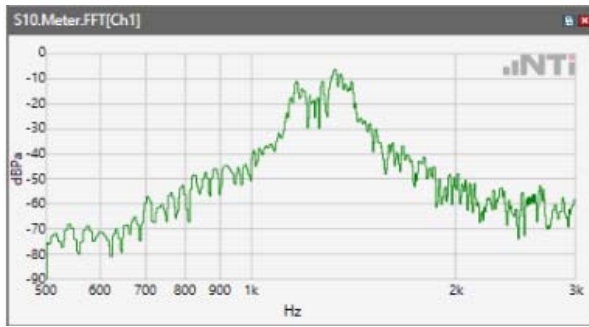
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



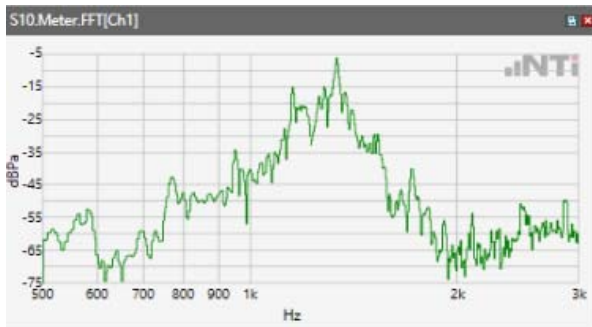
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



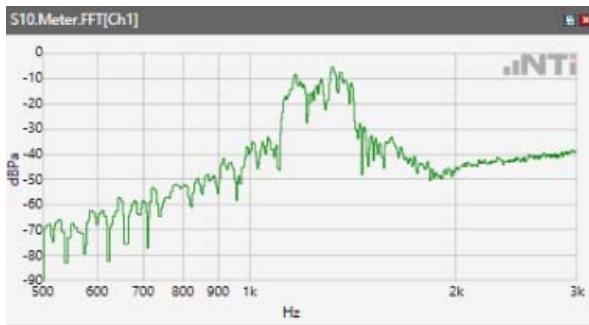
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz



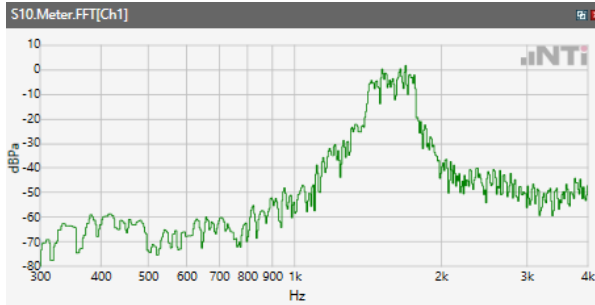
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz



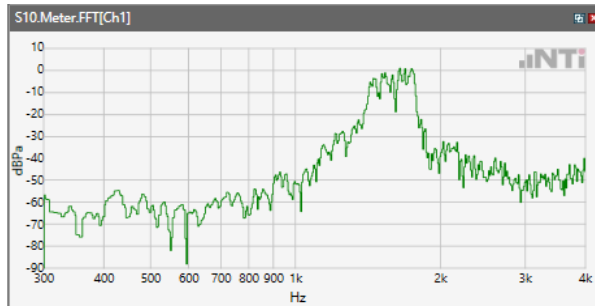


## Receive path - distortion and noise 1600Hz WB&NB

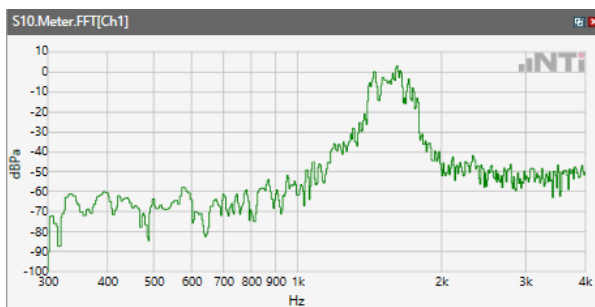
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



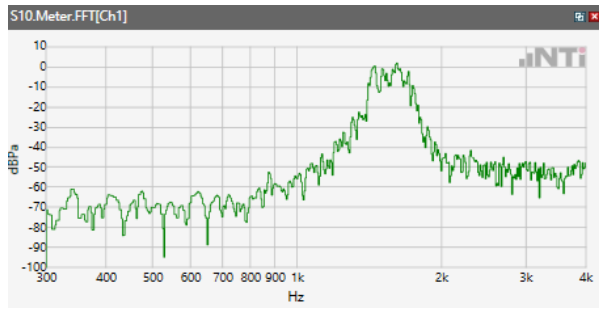
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



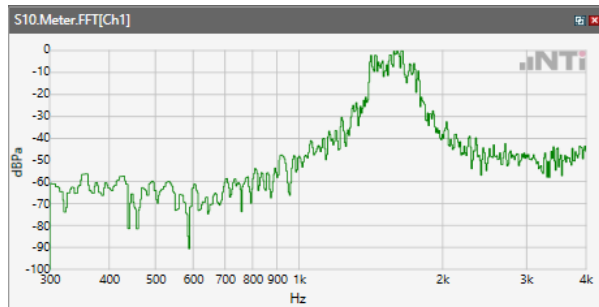
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



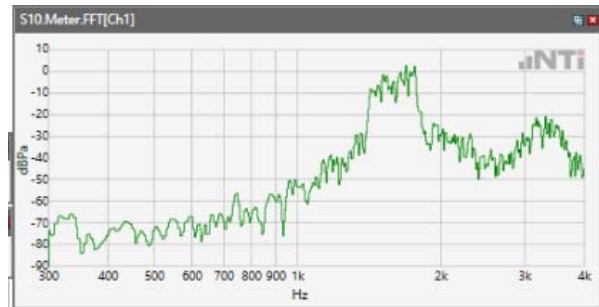
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



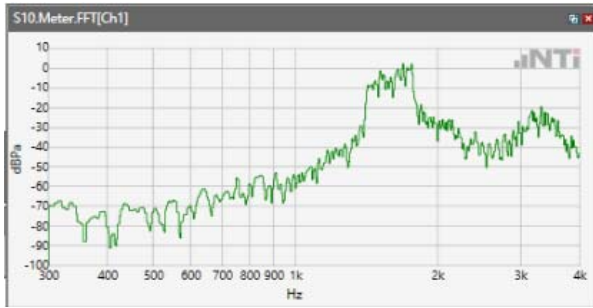
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



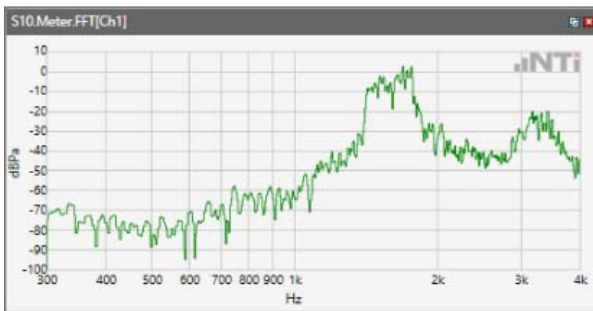
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



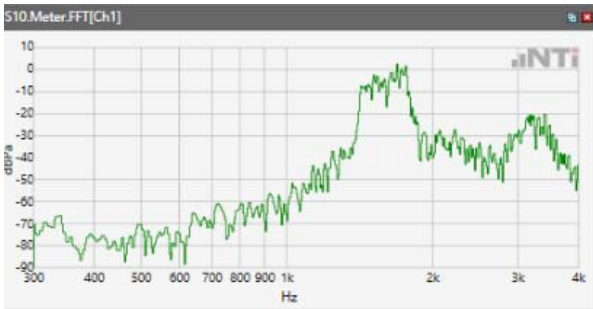
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



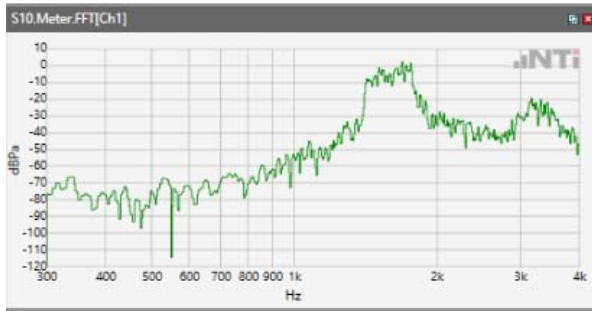
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



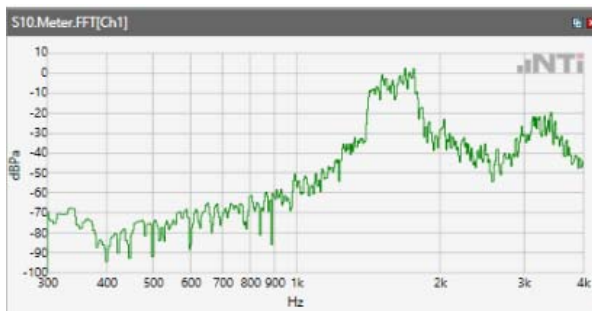
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



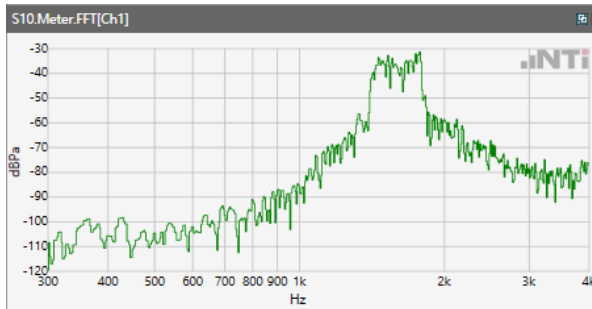
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



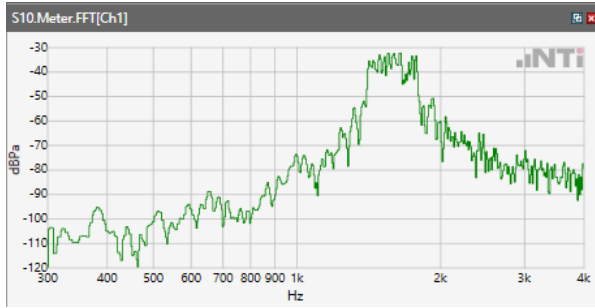
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



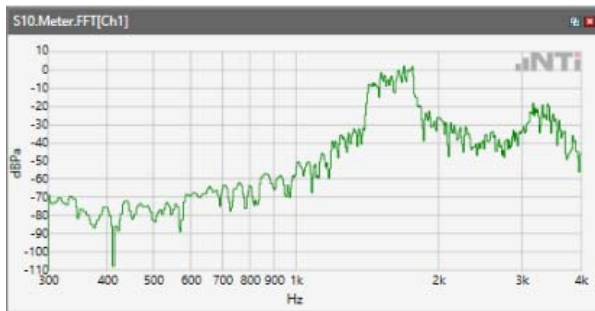
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



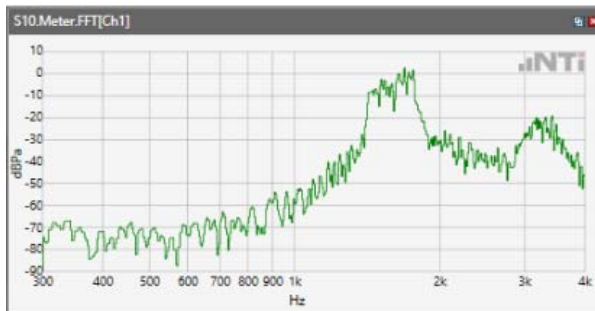
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



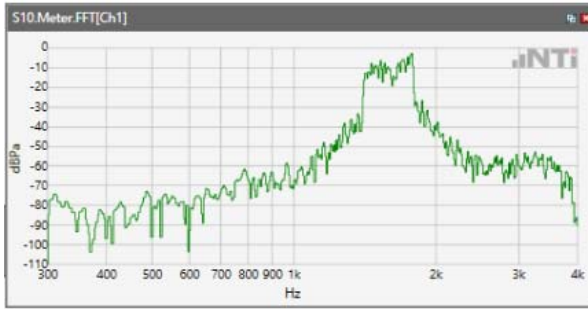
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



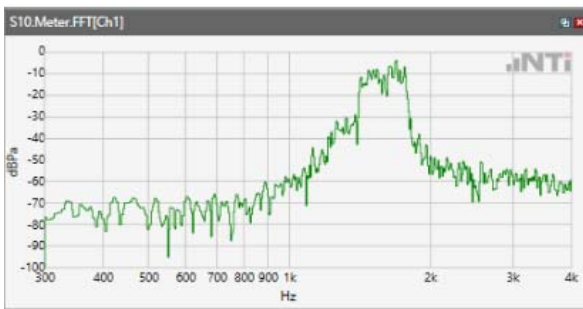
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



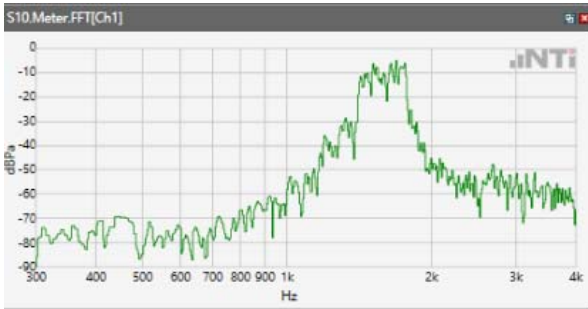
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN  
2.4GHz



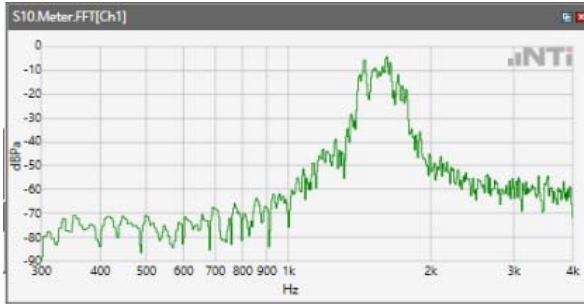
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.2GHz



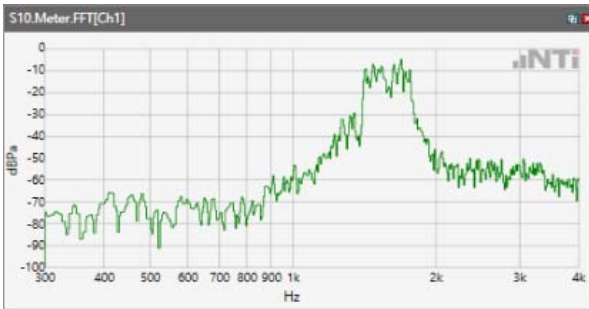
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN  
5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

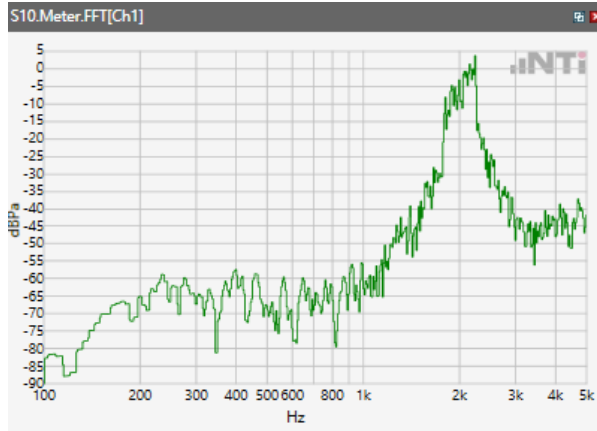


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

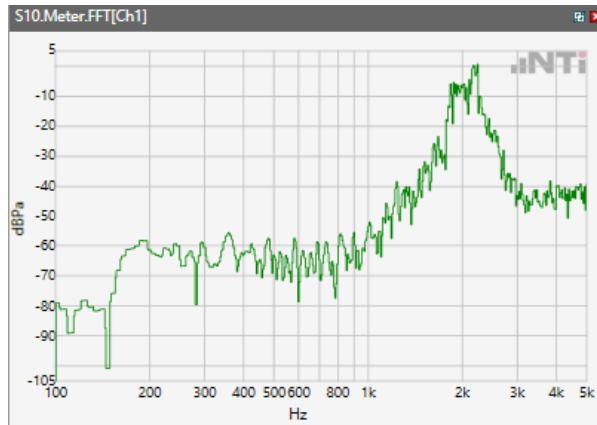


## Receive path - distortion and noise 2000Hz WB&NB

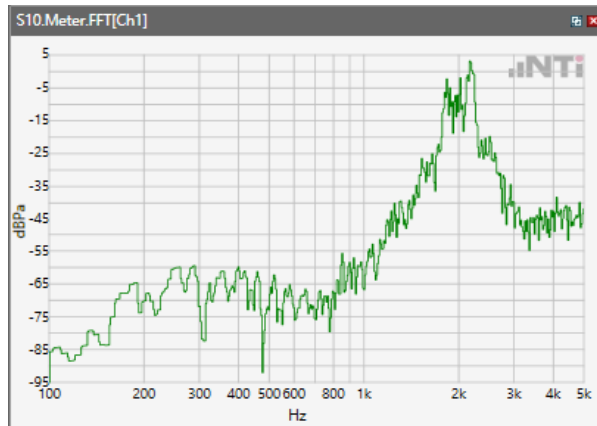
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900

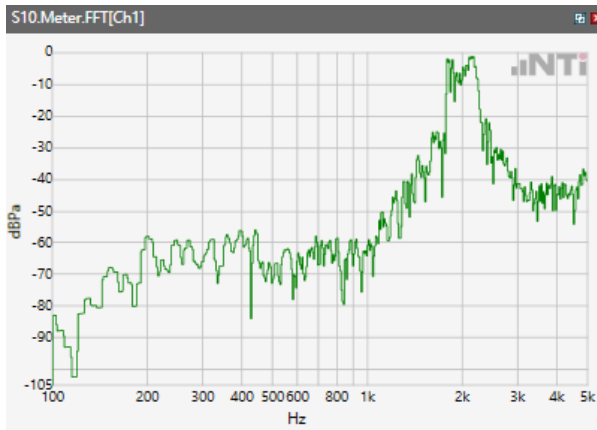


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II

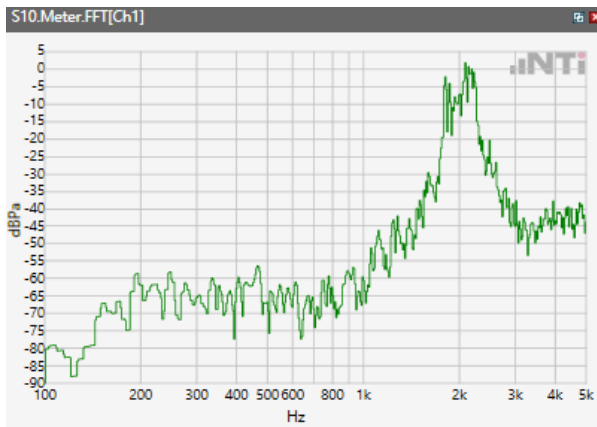




## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



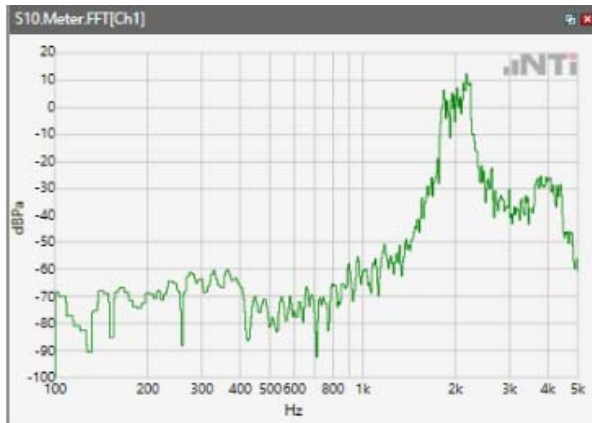
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



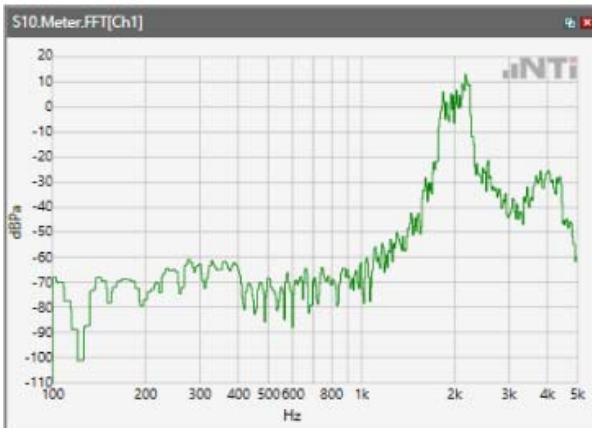
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2



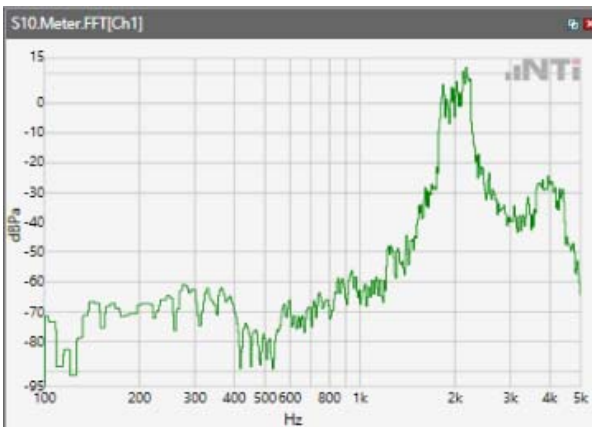
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



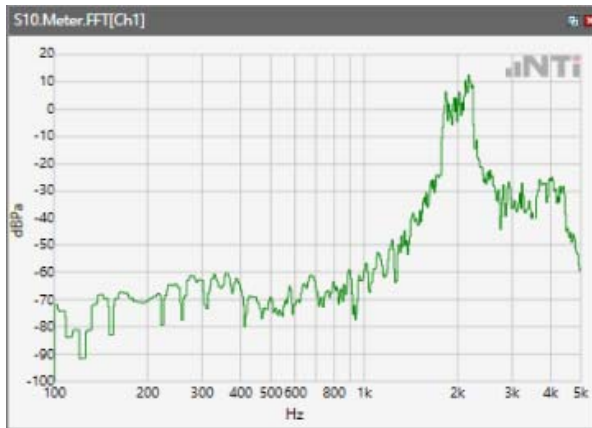
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



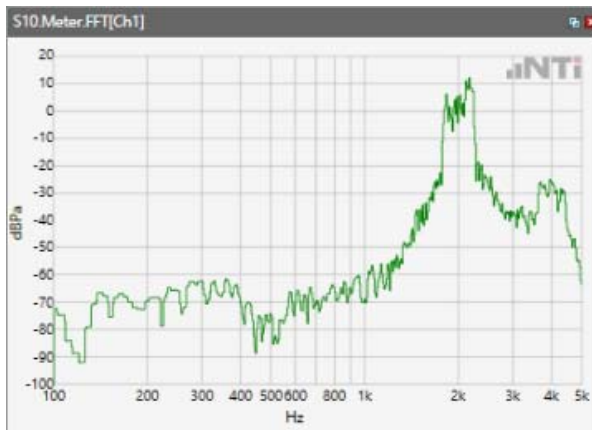
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



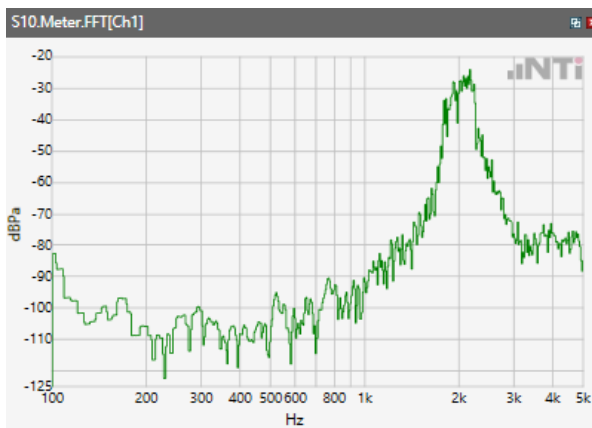
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



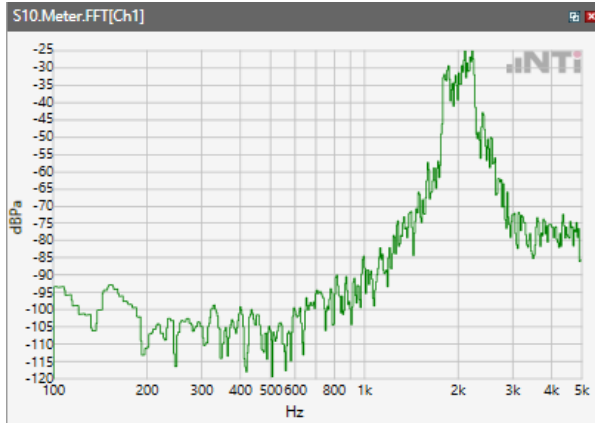
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



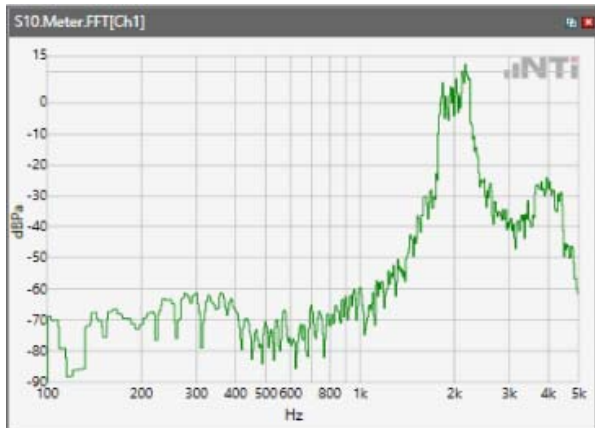
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



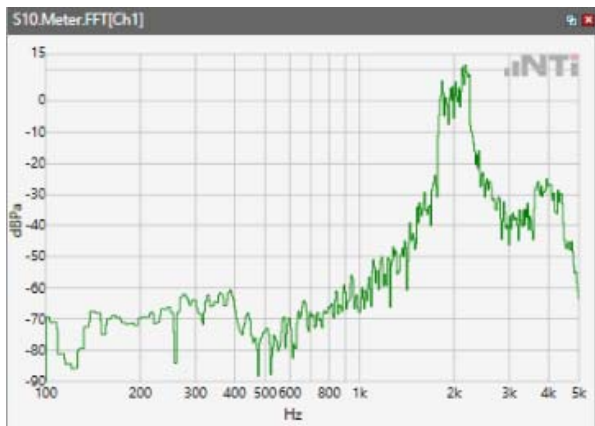
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



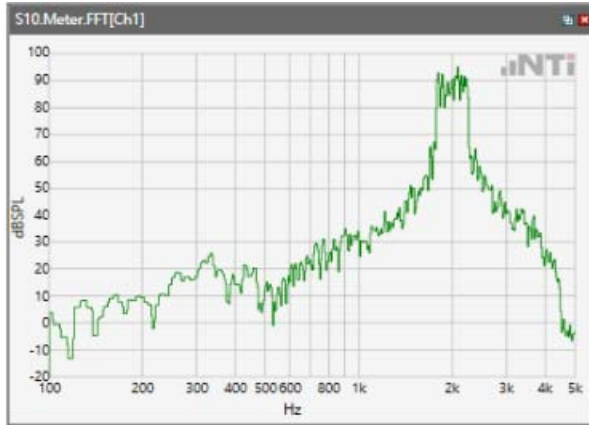
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



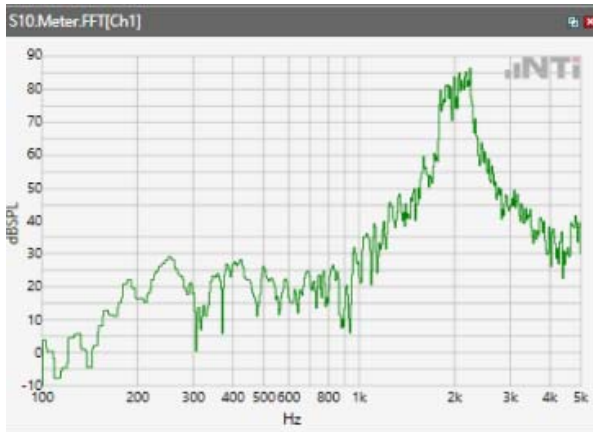
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



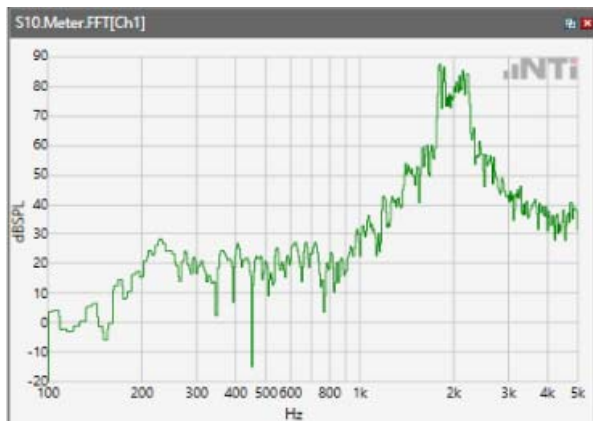
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



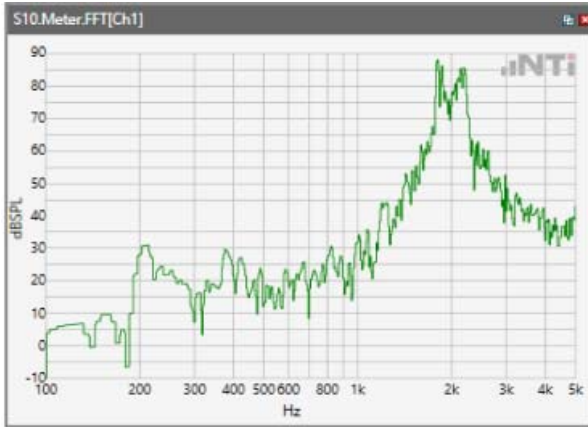
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



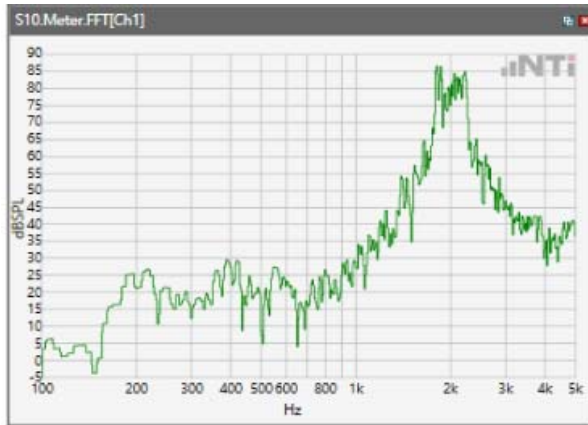
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

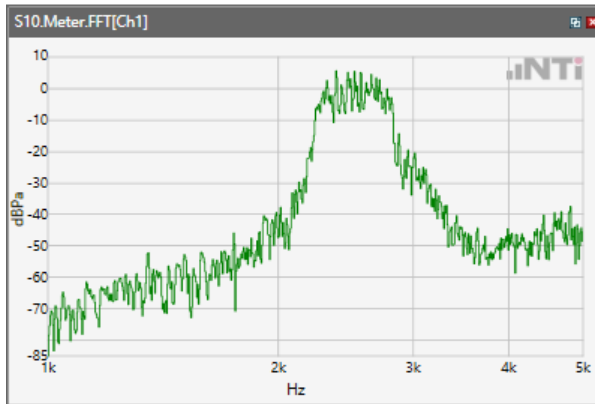


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

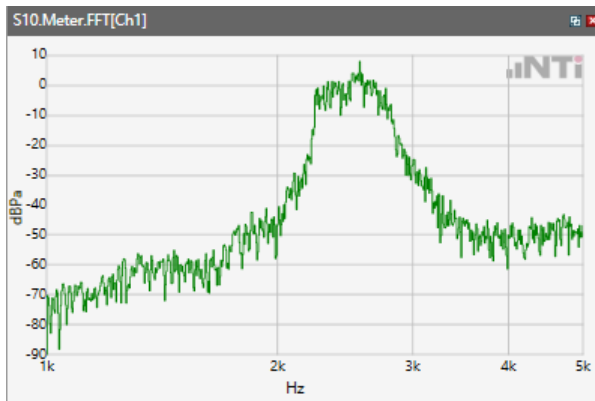


## Receive path - distortion and noise 2500Hz WB&NB

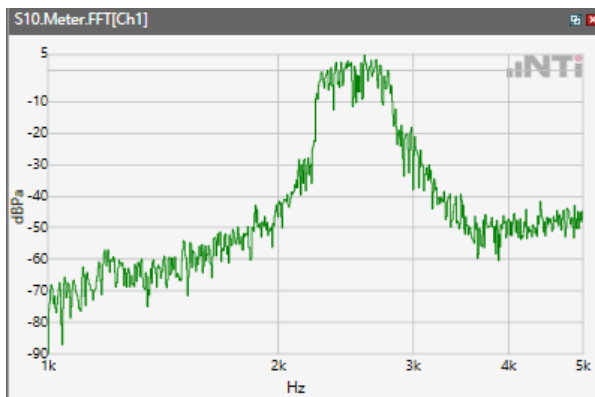
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



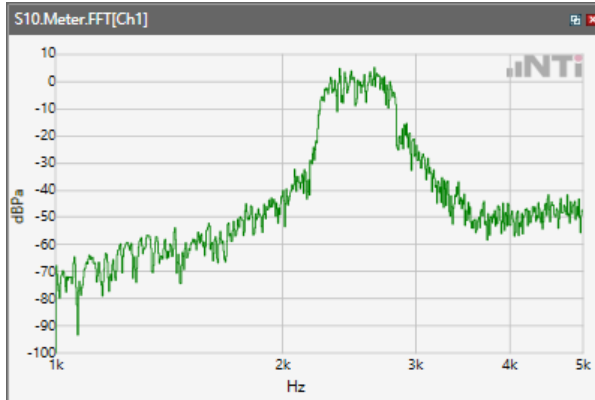
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



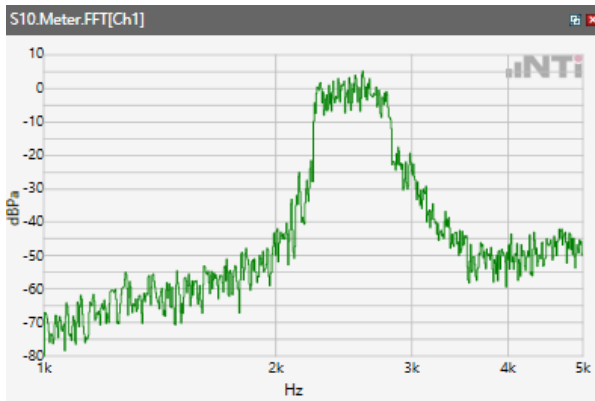
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



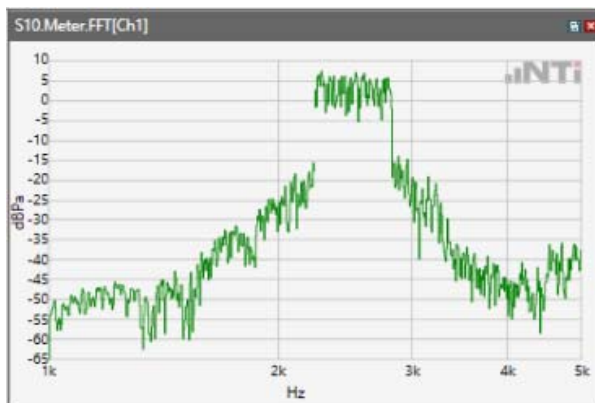
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V

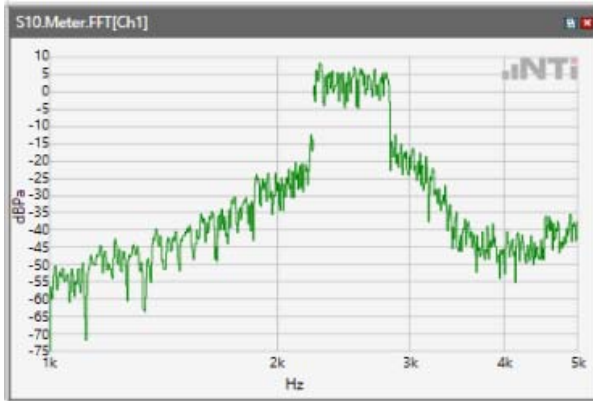


## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 2

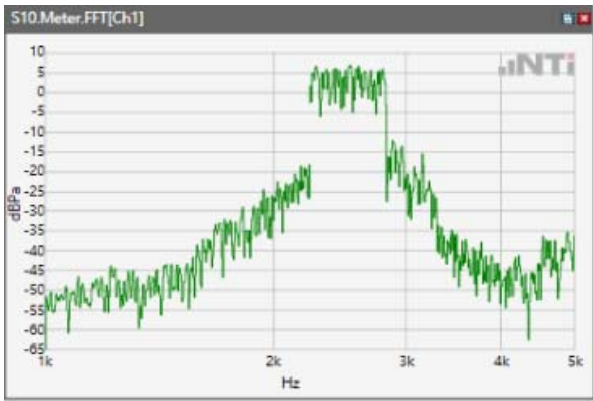




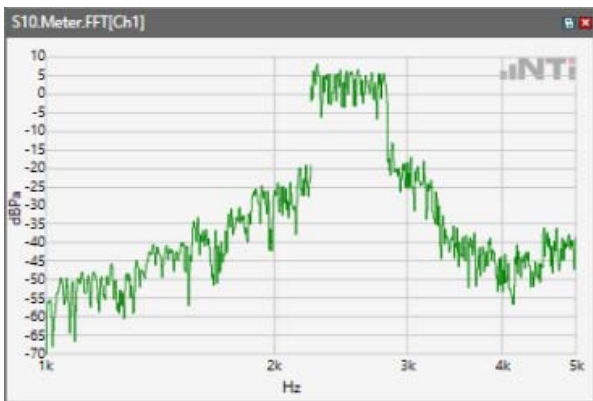
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



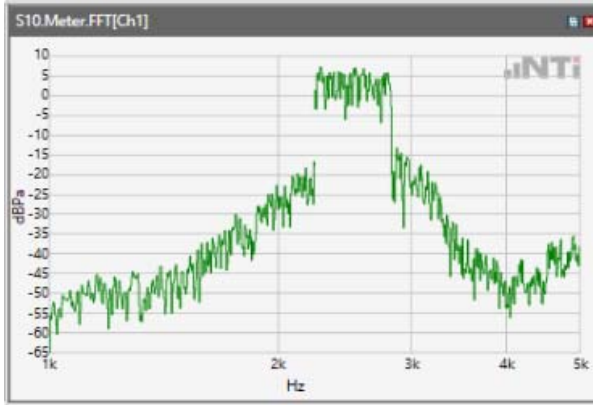
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



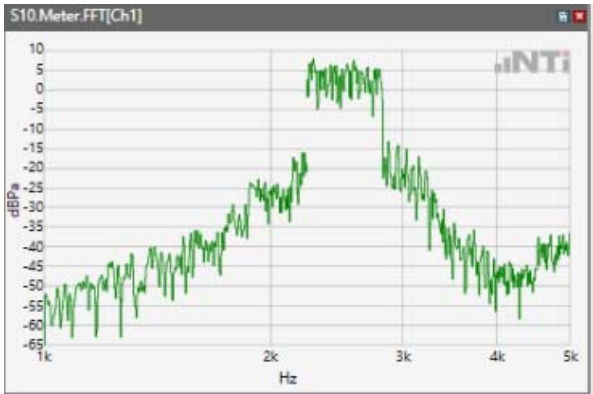
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7



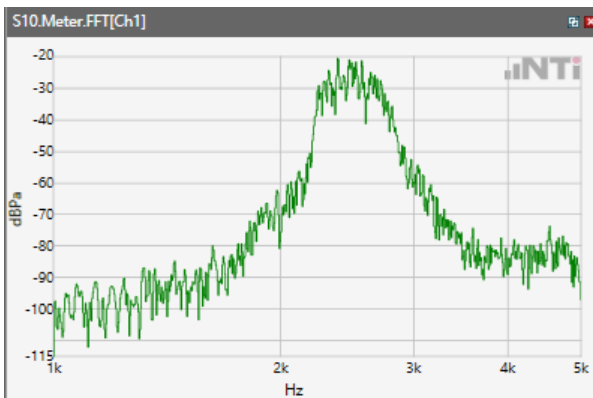
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



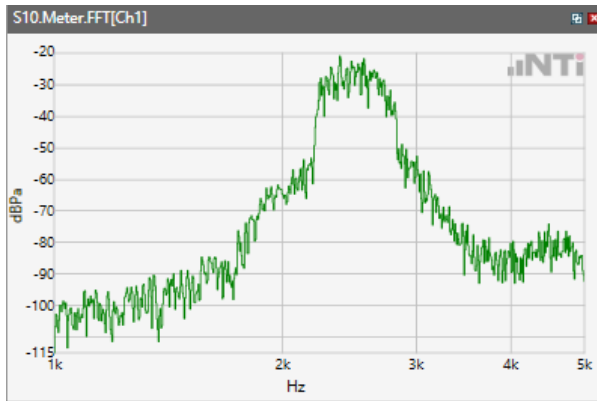
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



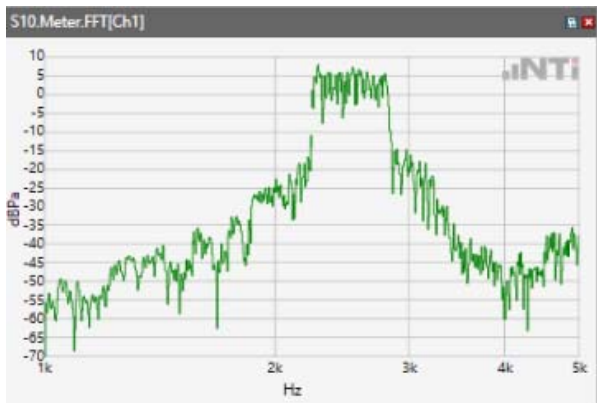
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



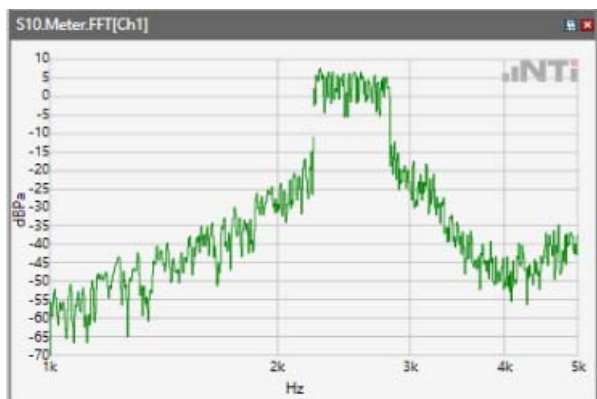
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



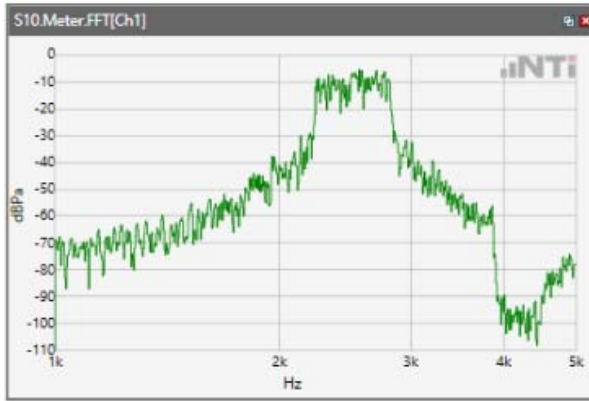
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



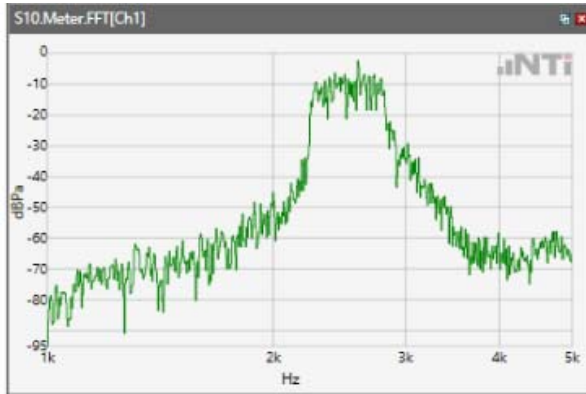
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



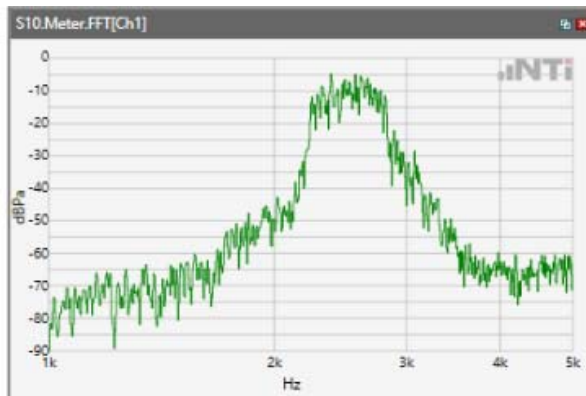
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



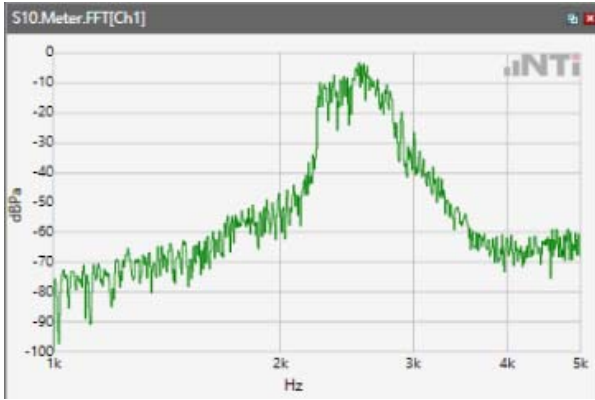
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



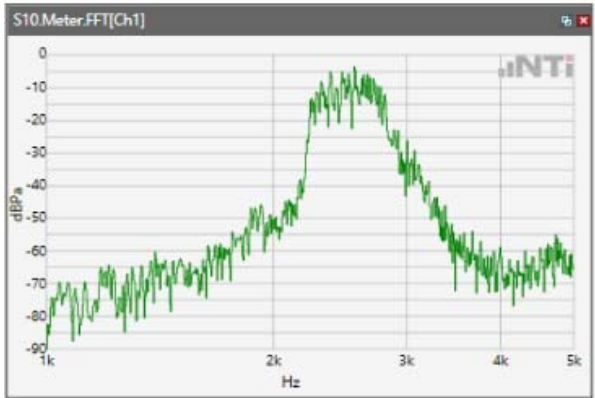
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.5GHz

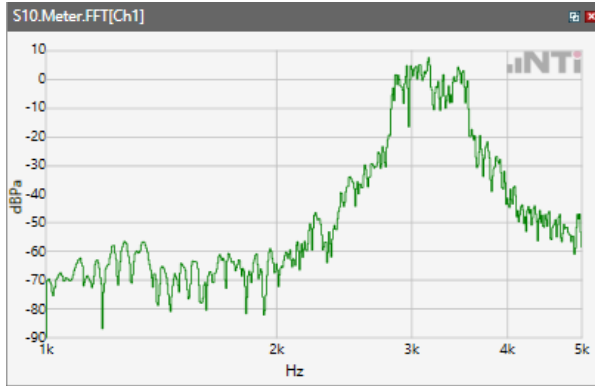


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.8GHz

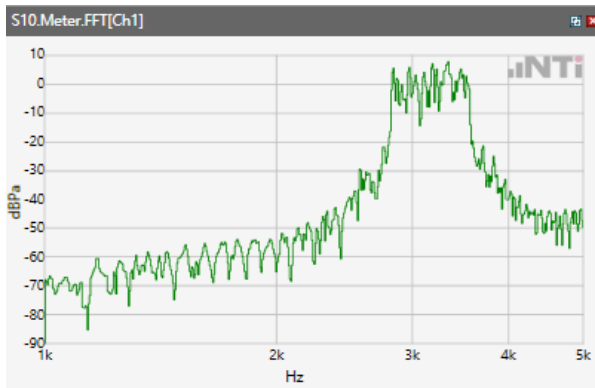


## Receive path - distortion and noise 3150Hz WB&NB

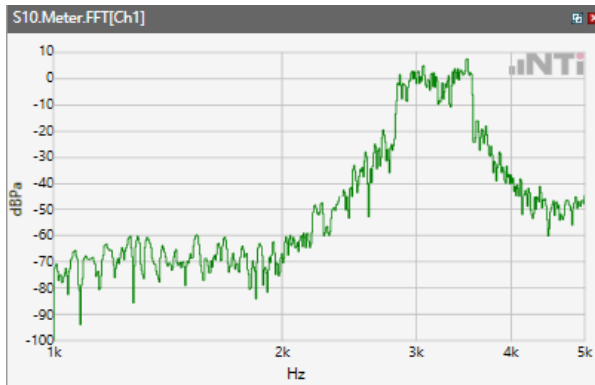
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 850



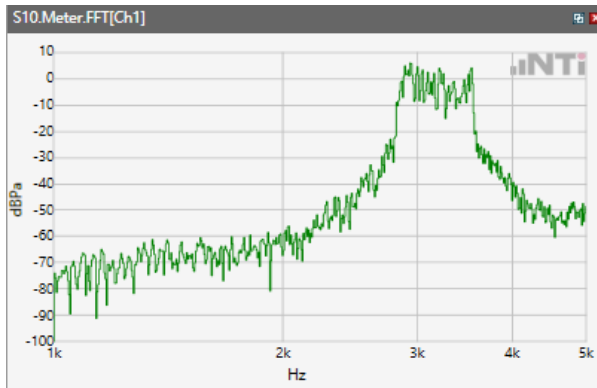
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\GSM 1900



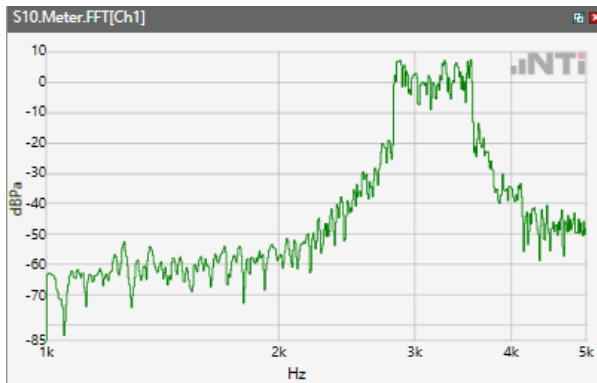
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WCDM Band II



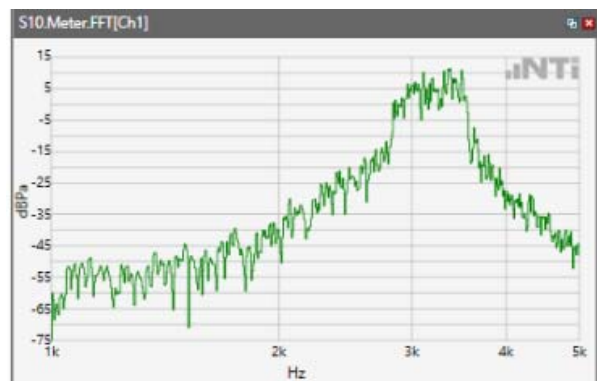
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band IV



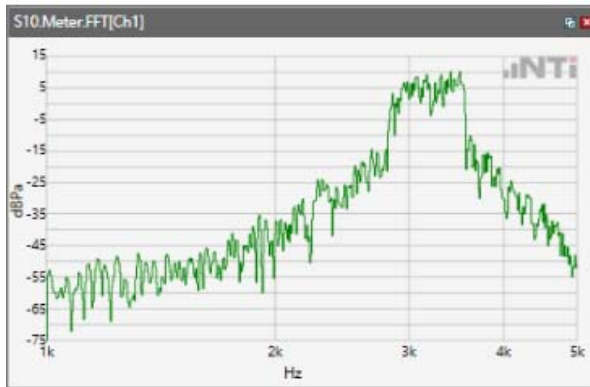
## ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WCDM Band V



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



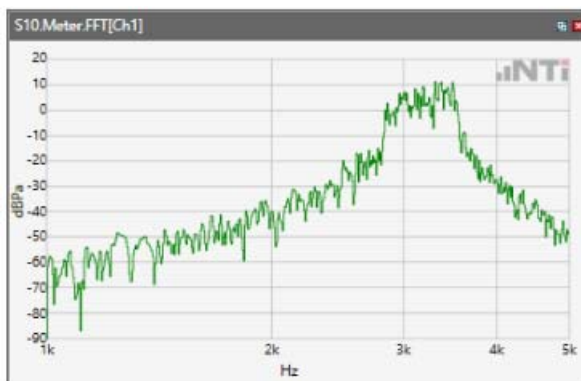
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 4



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 5



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 7

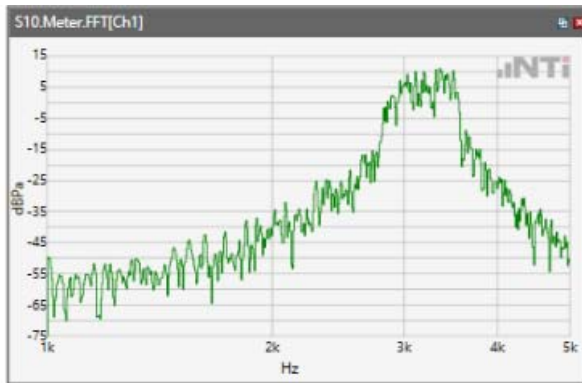




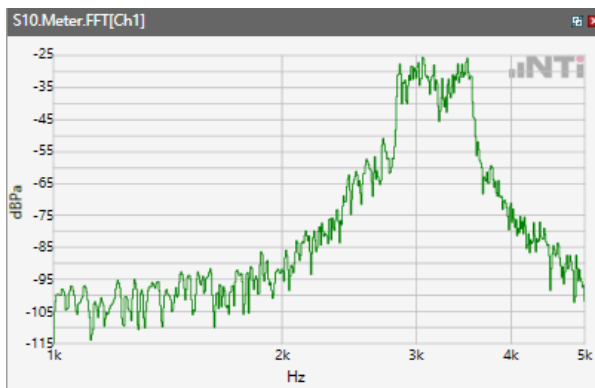
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



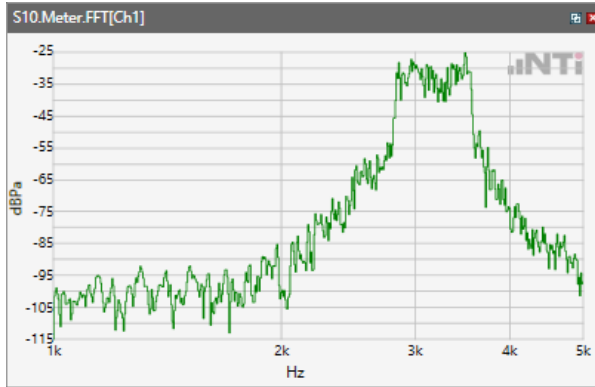
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 13



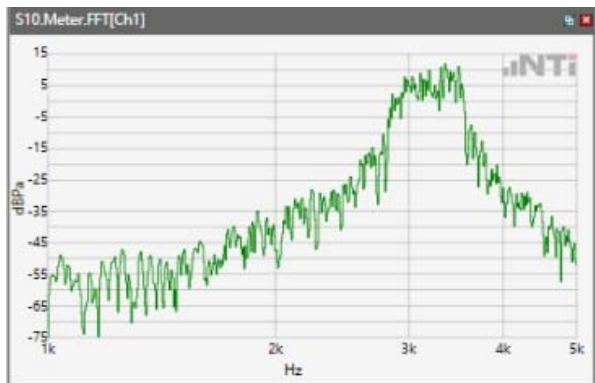
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 17



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 25



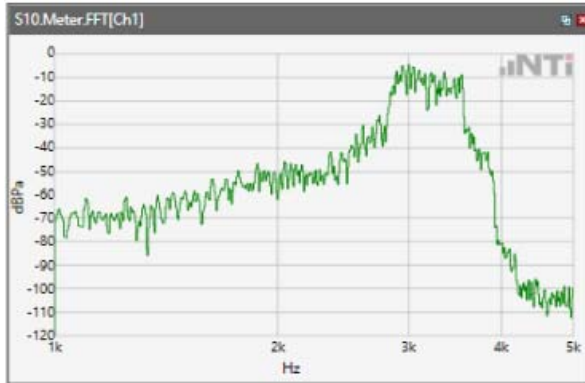
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



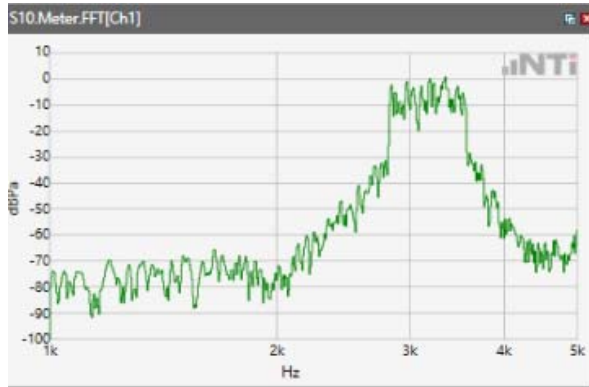
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ LTE Band 71



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 12.65kbps\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz

