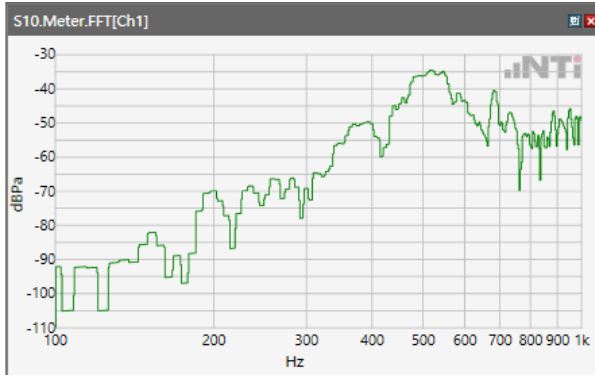
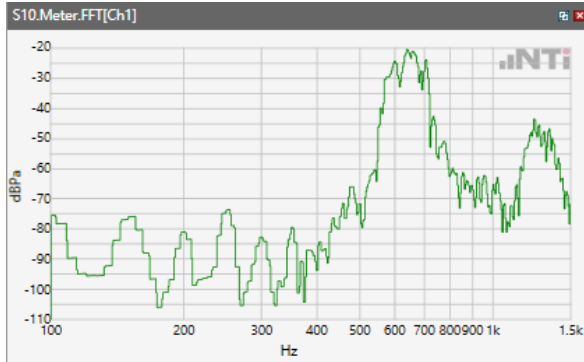


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

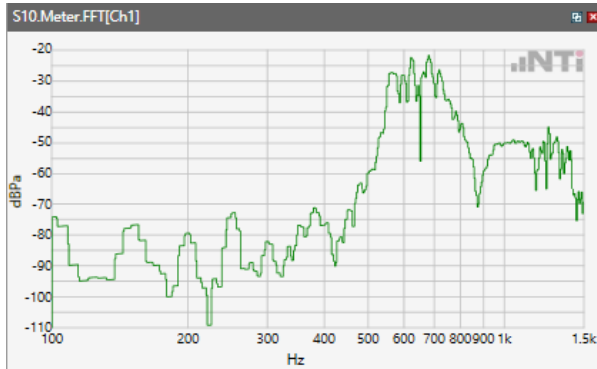


Receive path - distortion and noise 630Hz WB&NB

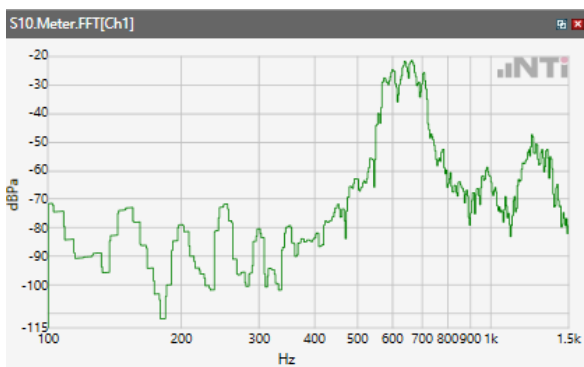
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



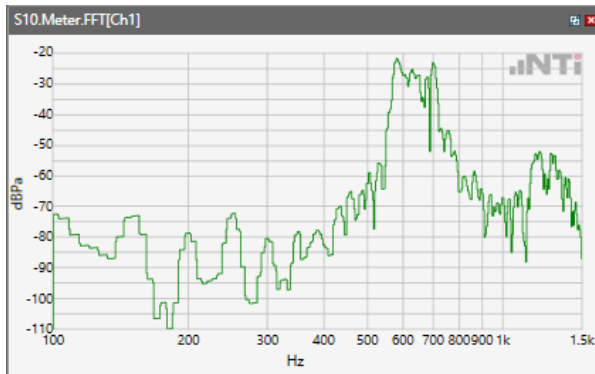
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



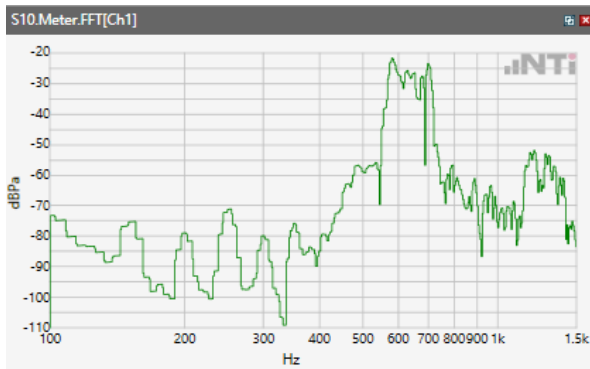
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



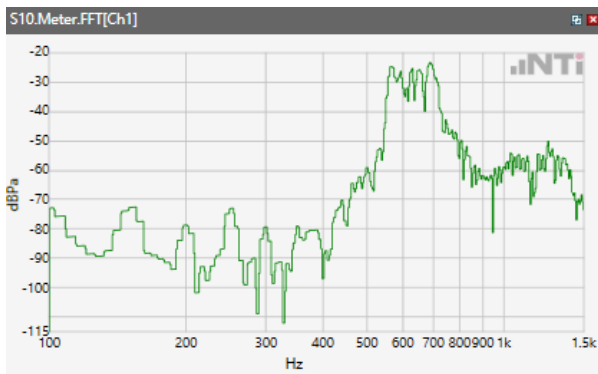
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



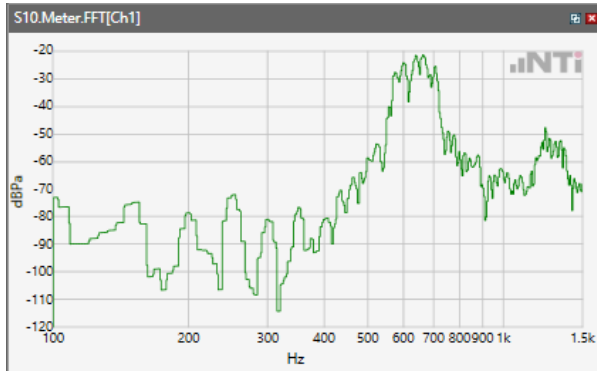
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



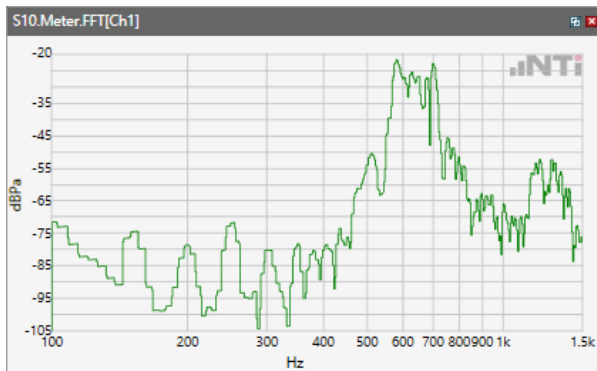
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



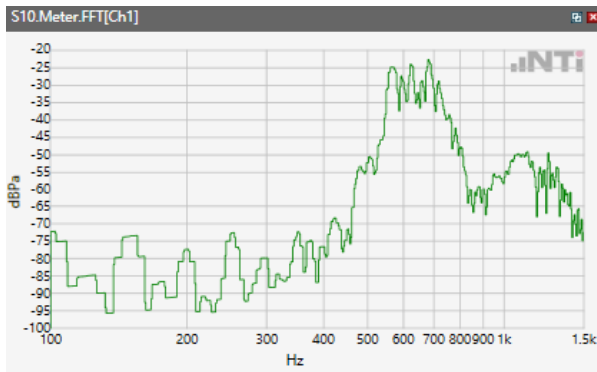
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



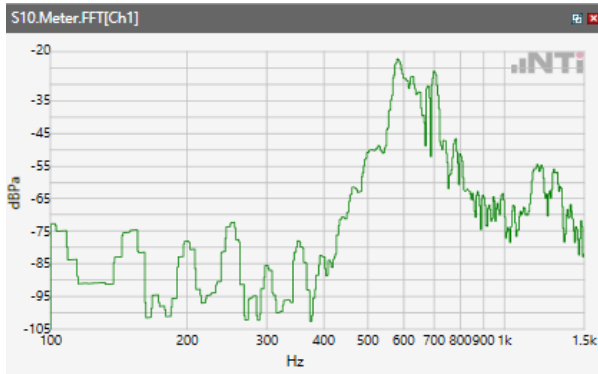
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



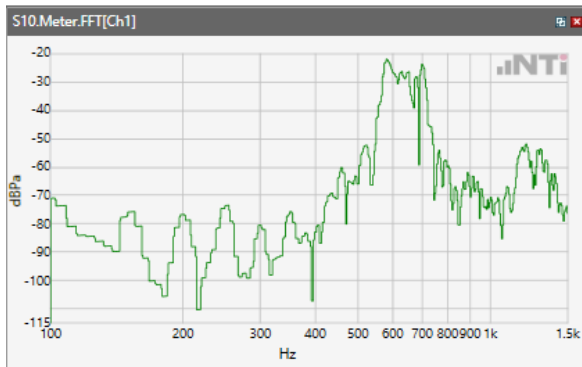
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



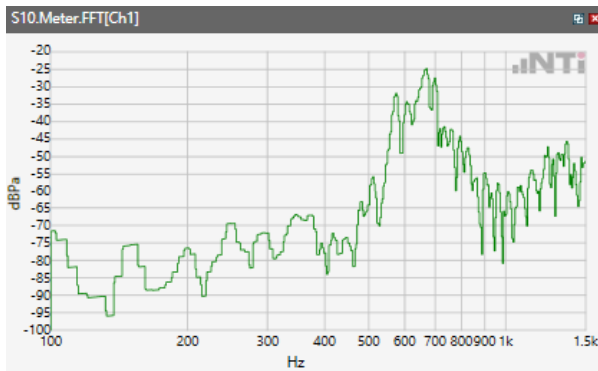
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



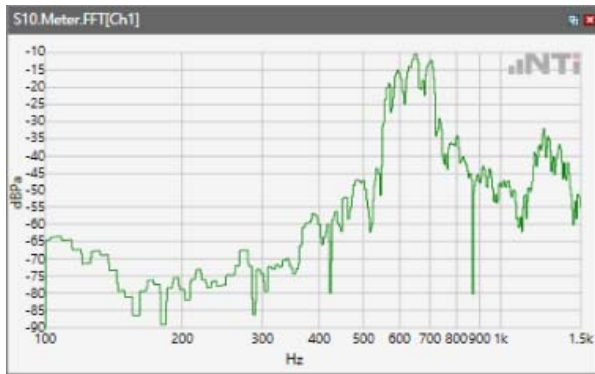
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



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



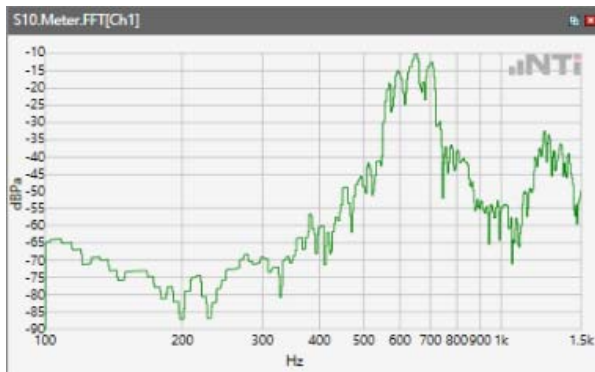
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



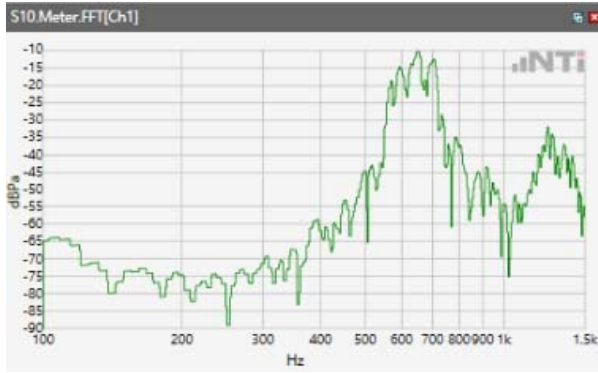
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

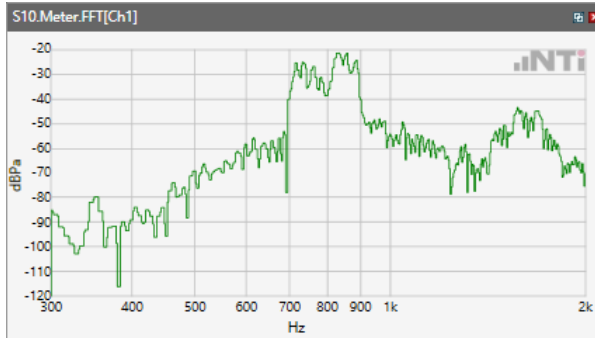


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

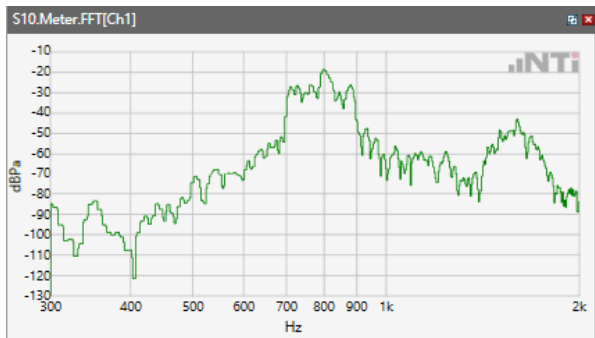


Receive path - distortion and noise 800Hz WB&NB

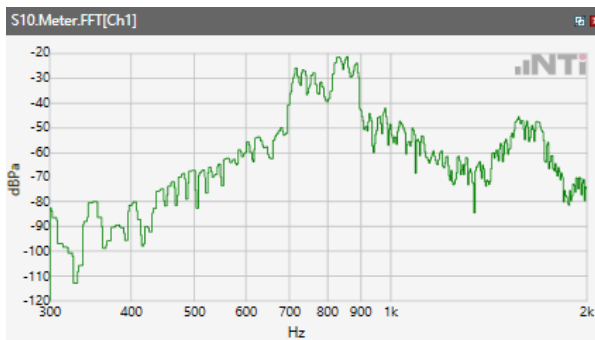
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



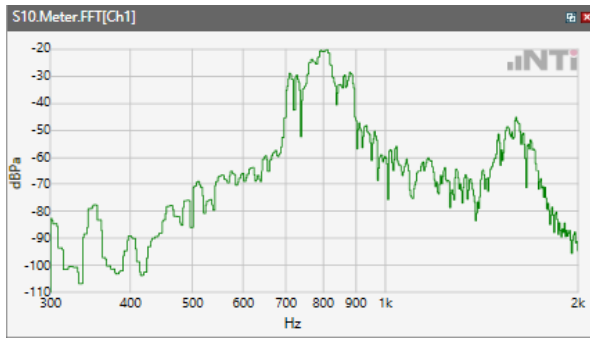
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



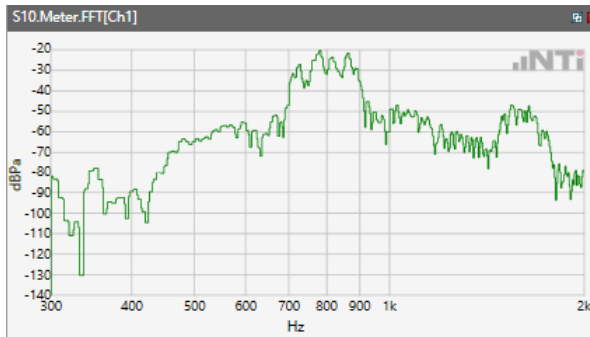
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



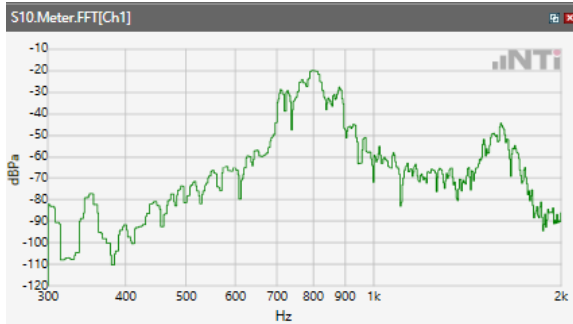
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



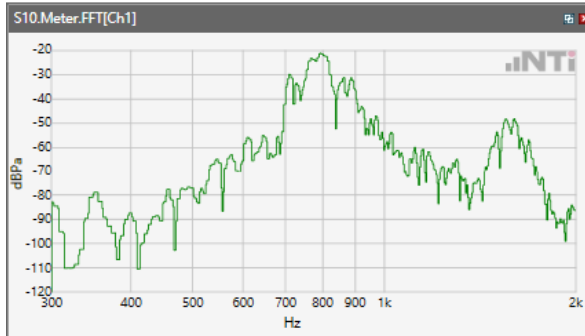
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



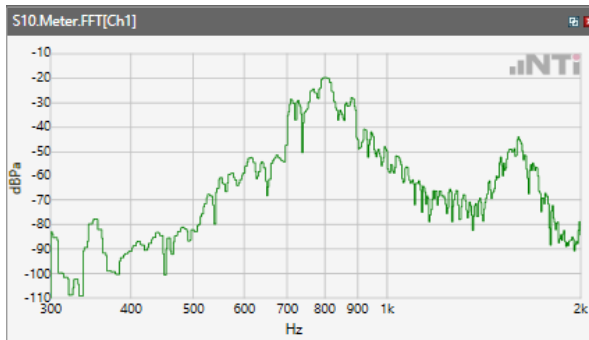
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



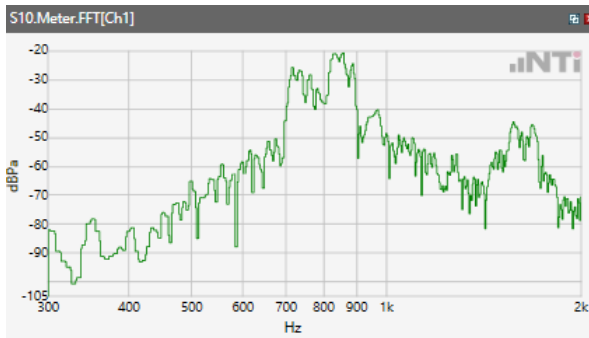
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



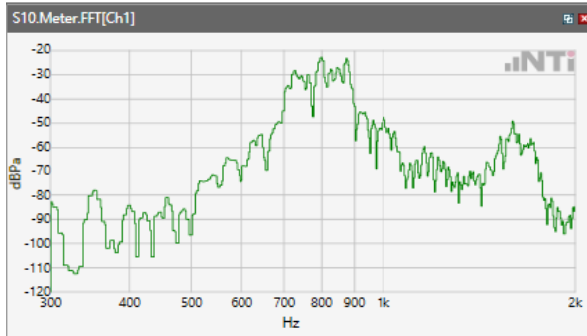
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



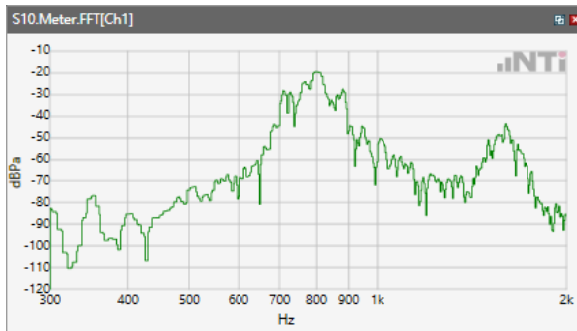
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



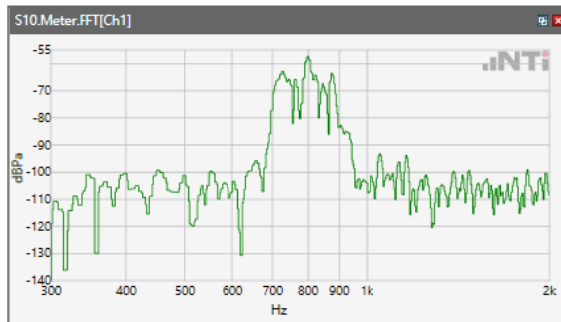
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



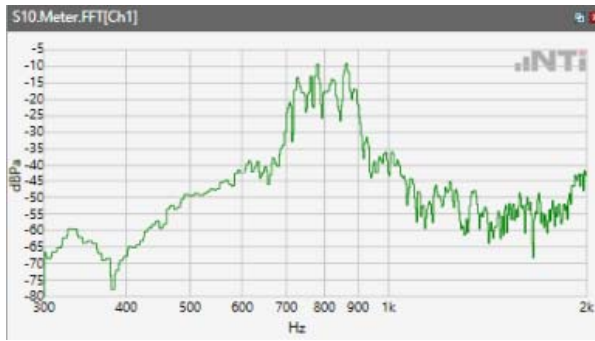
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



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



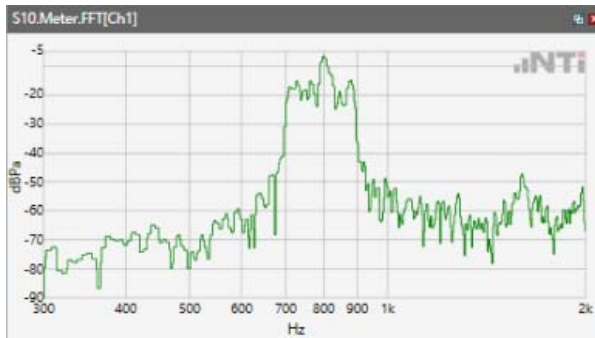
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



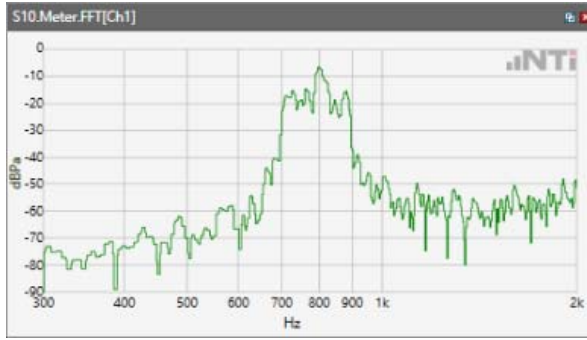
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

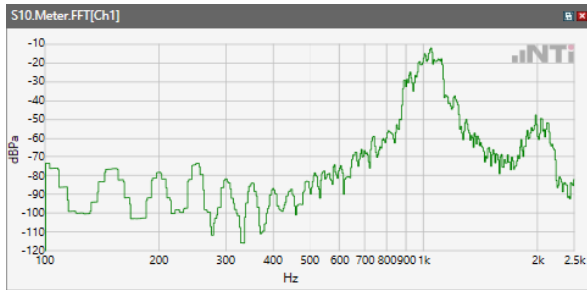


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

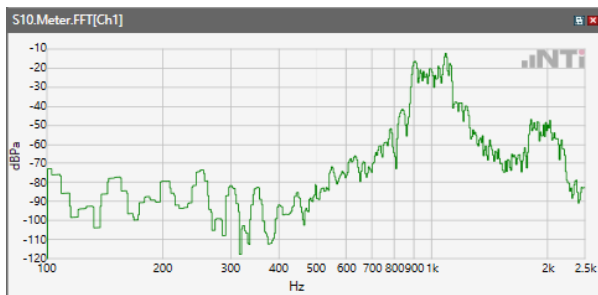


Receive path - distortion and noise 1000Hz WB&NB

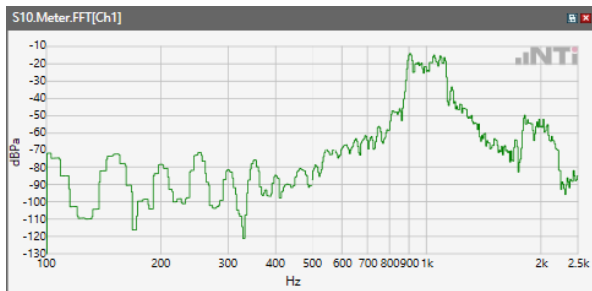
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



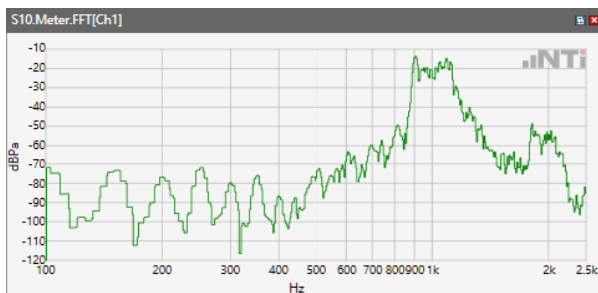
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



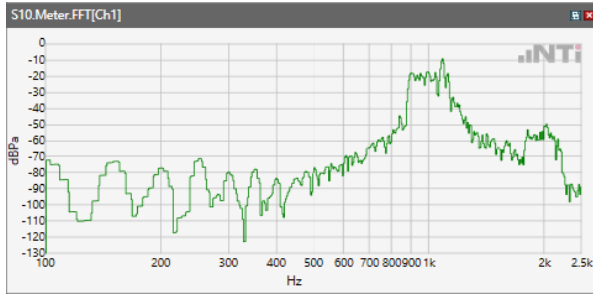
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



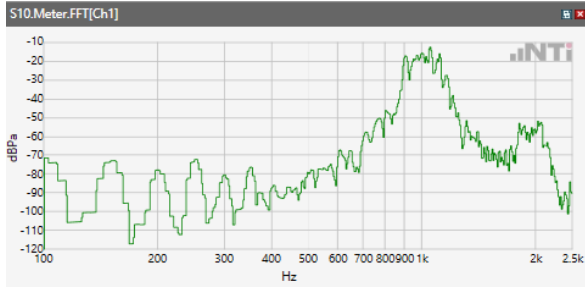
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



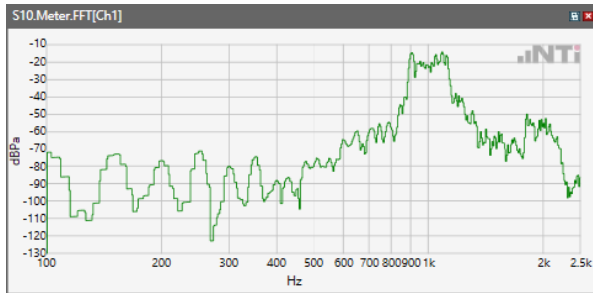
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



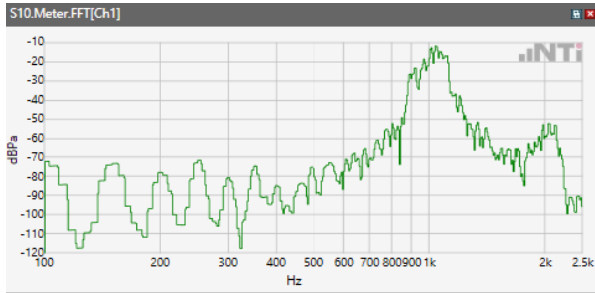
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



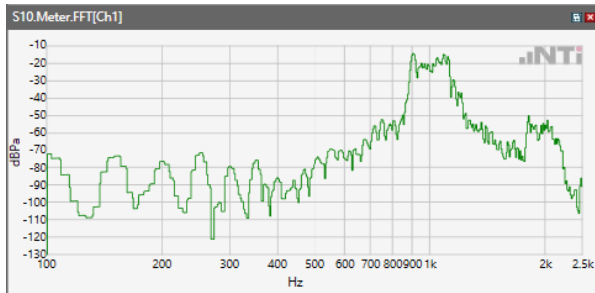
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



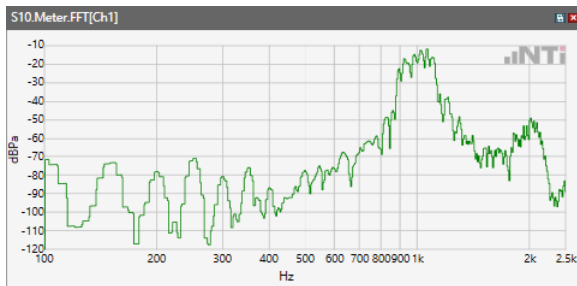
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



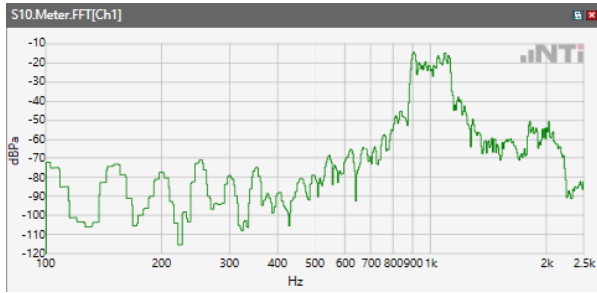
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



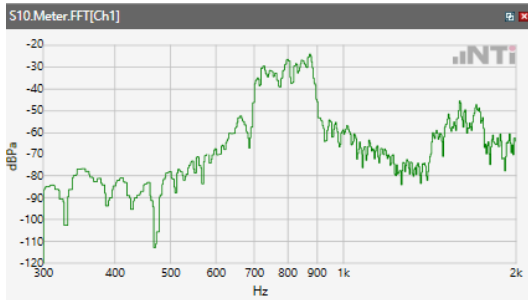
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



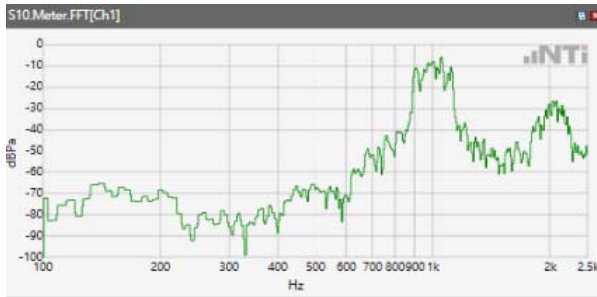
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



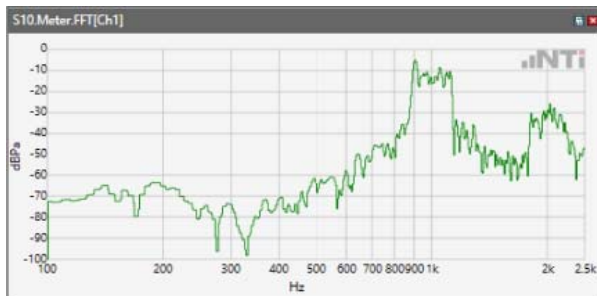
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



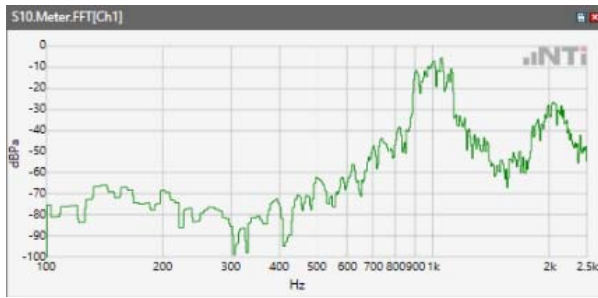
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



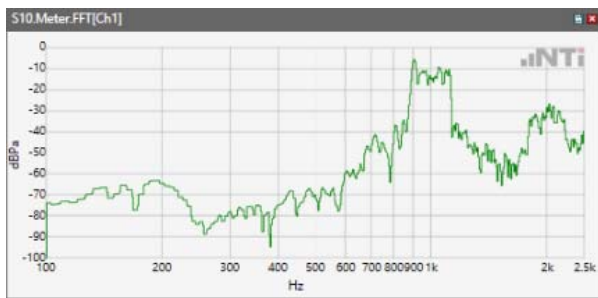
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 5.3GHz



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

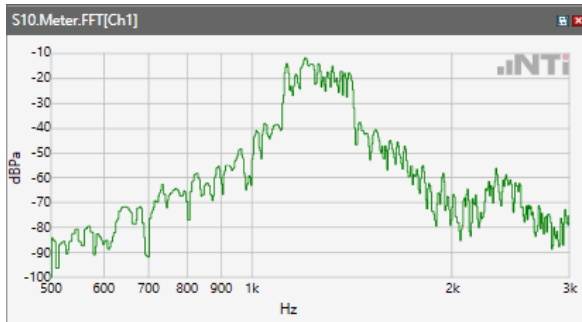


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

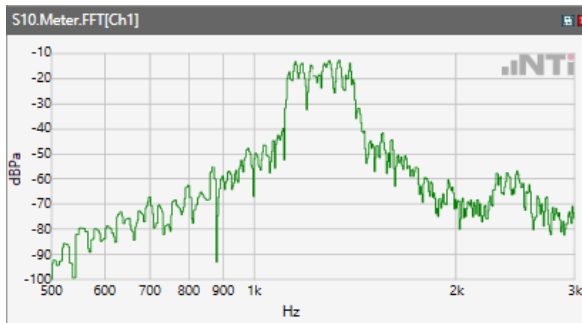


Receive path - distortion and noise 1250Hz WB&NB

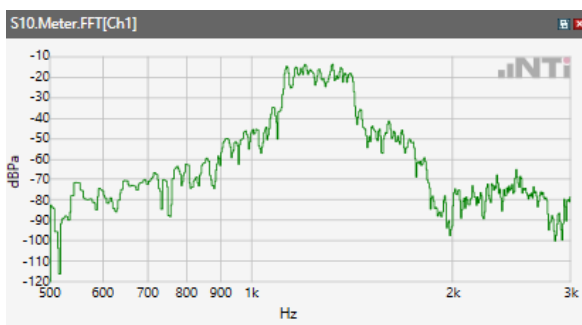
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



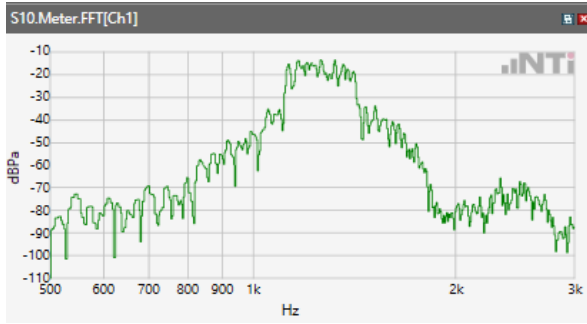
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



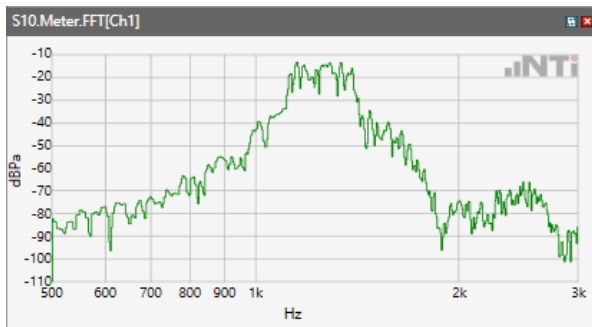
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



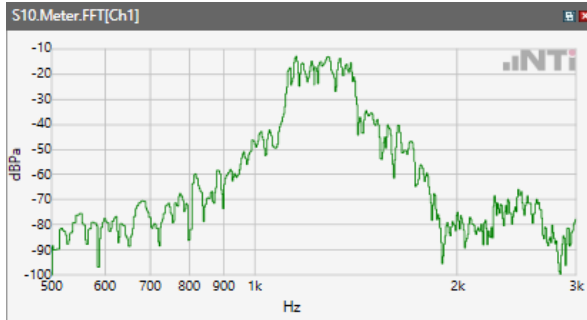
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



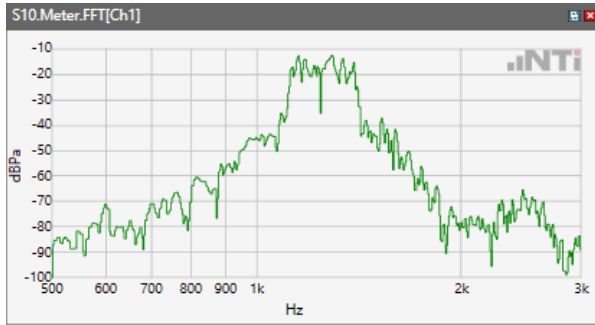
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



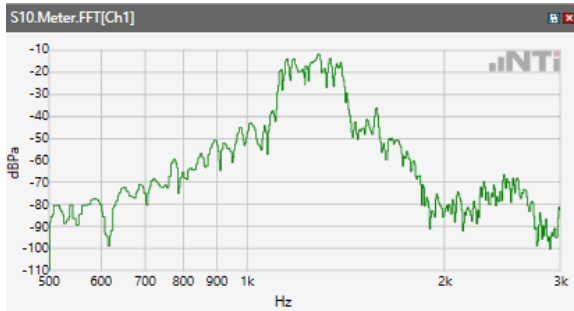
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



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



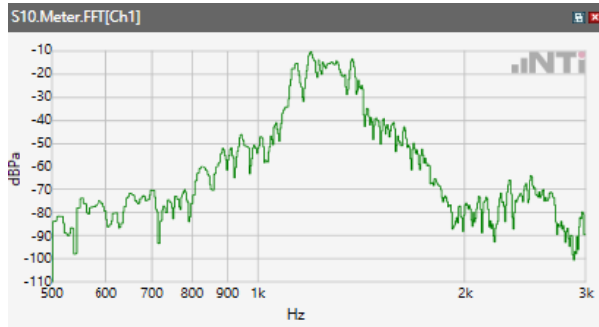
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



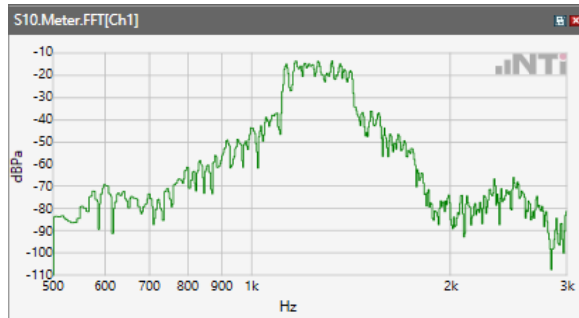
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



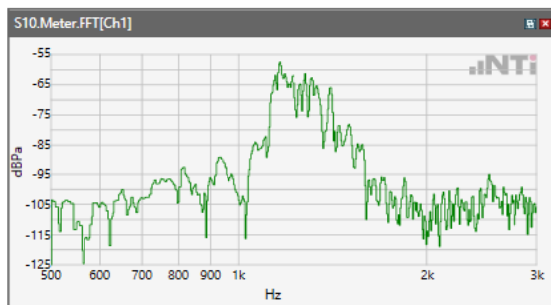
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



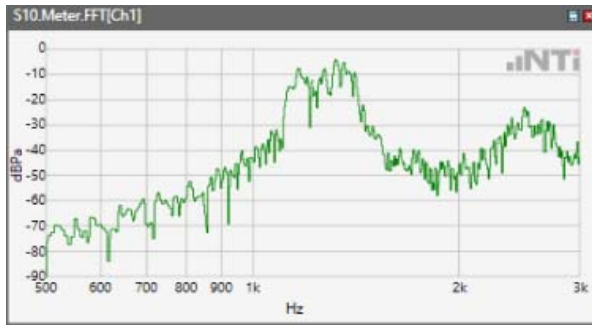
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



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



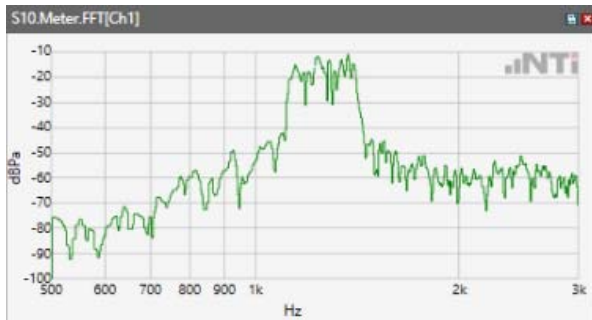
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



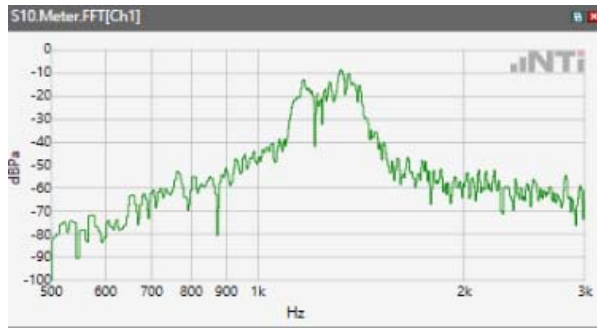
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

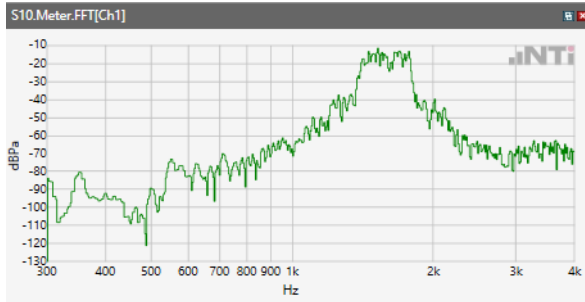


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

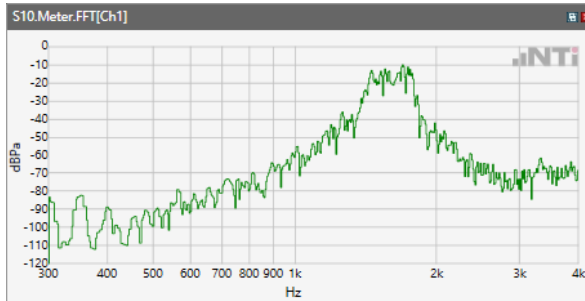


Receive path - distortion and noise 1600Hz WB&NB

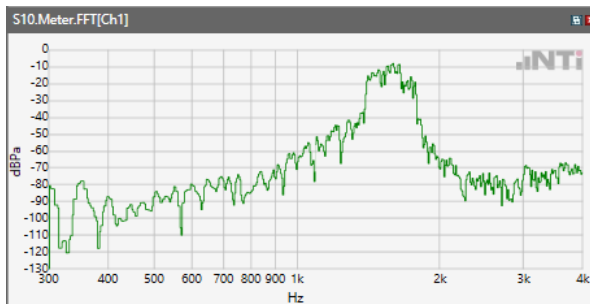
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



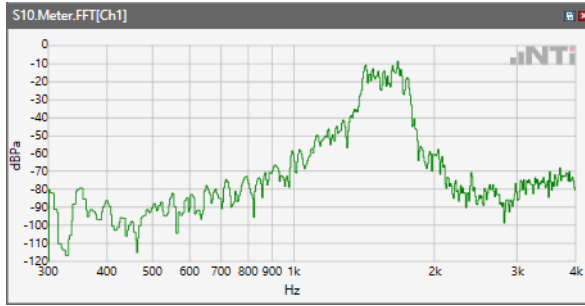
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



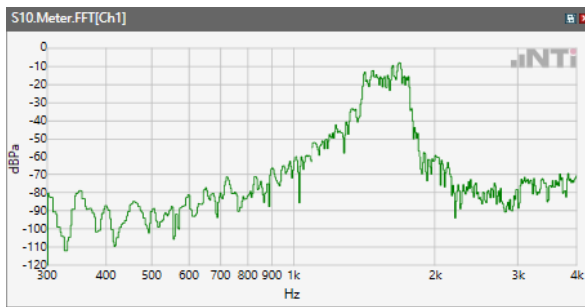
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



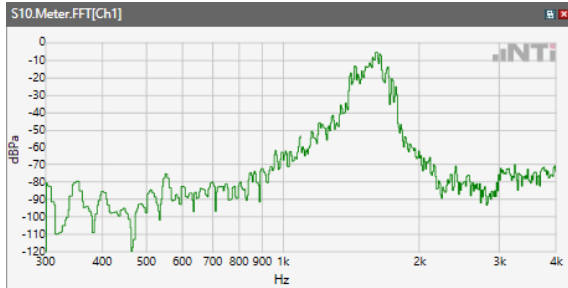
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



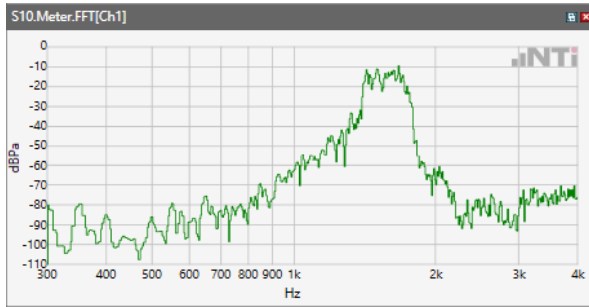
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



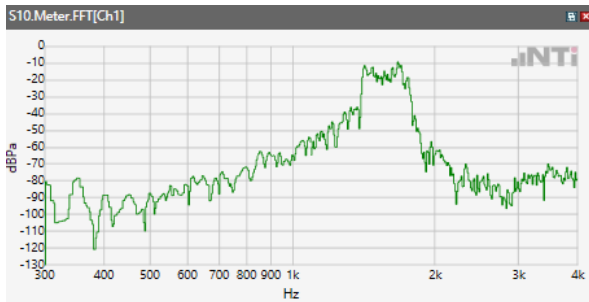
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



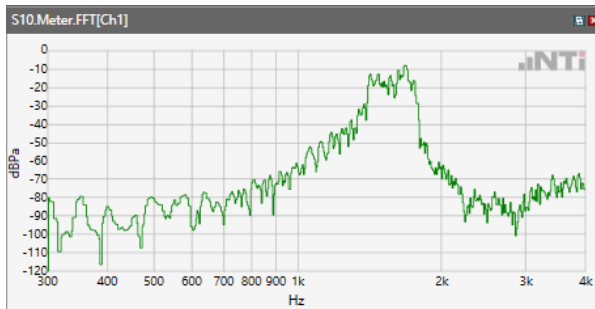
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



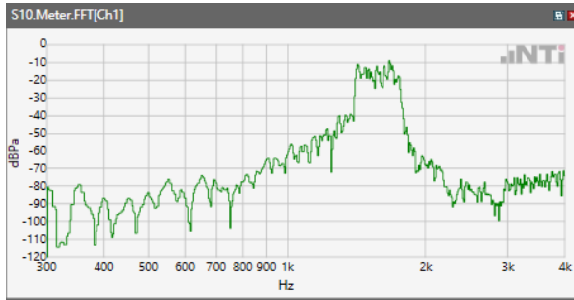
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



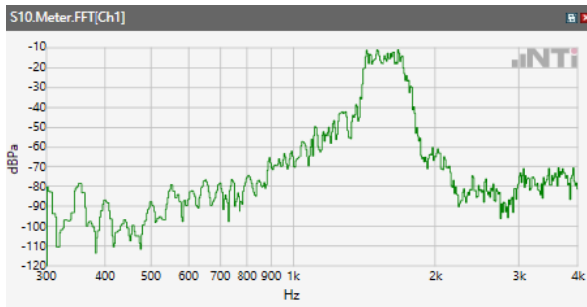
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



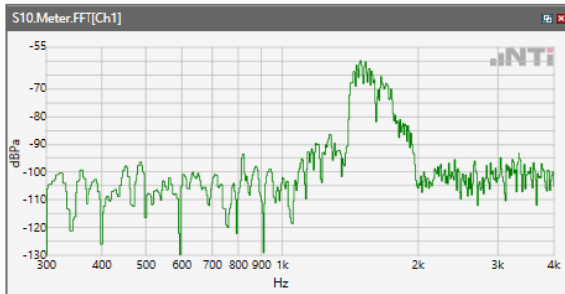
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



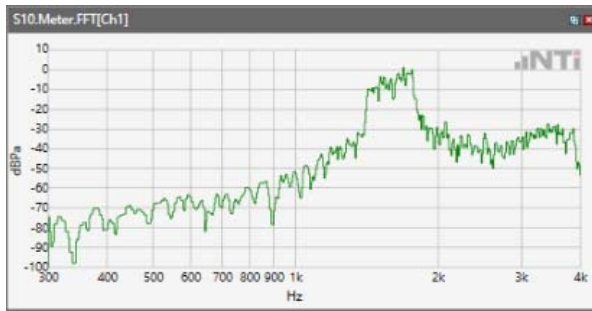
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



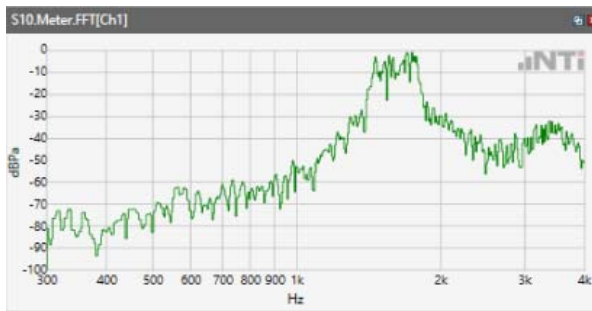
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



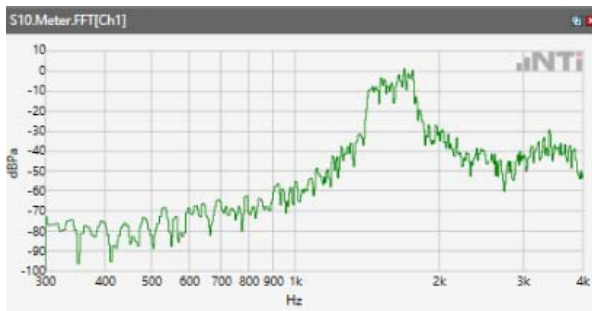
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



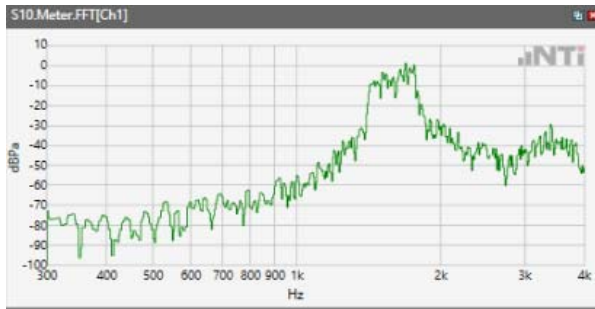
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

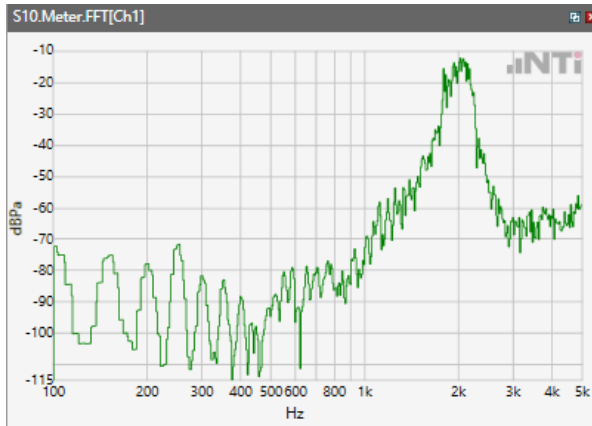


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

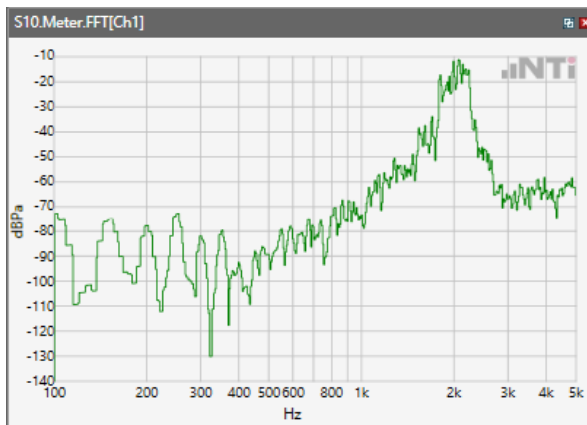


Receive path - distortion and noise 2000Hz WB&NB

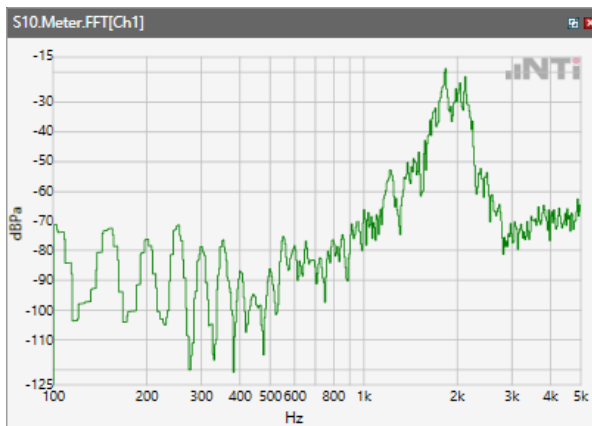
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



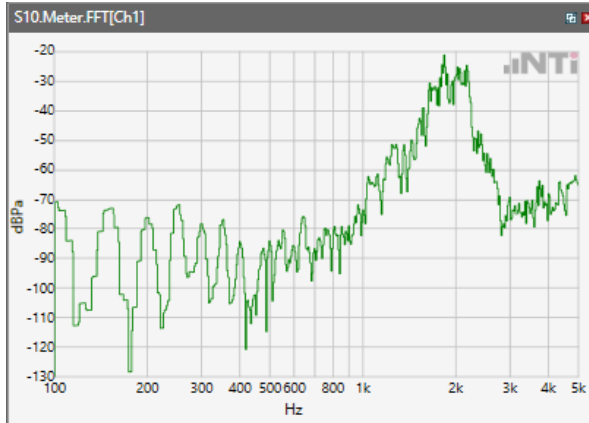
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



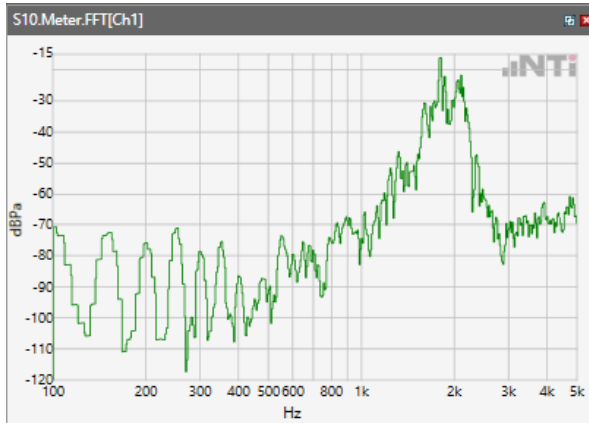
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



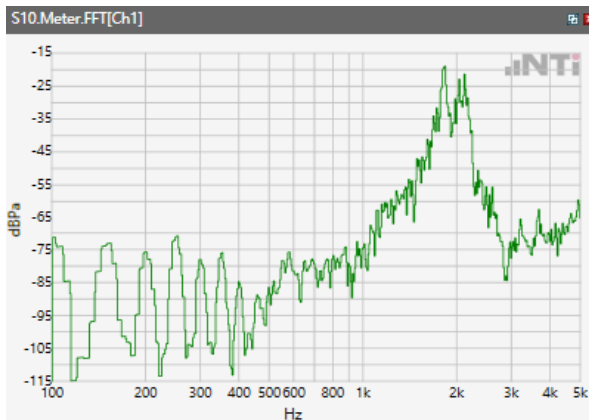
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



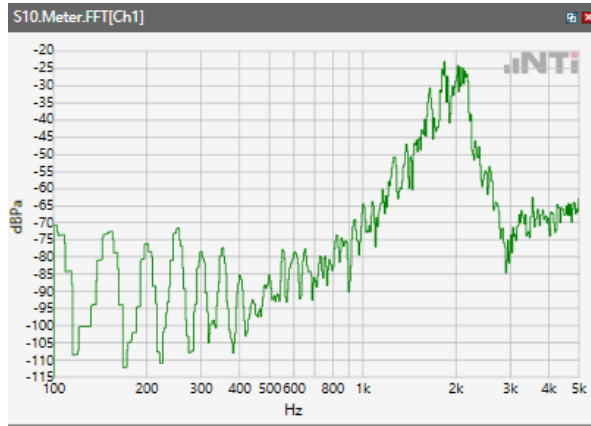
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



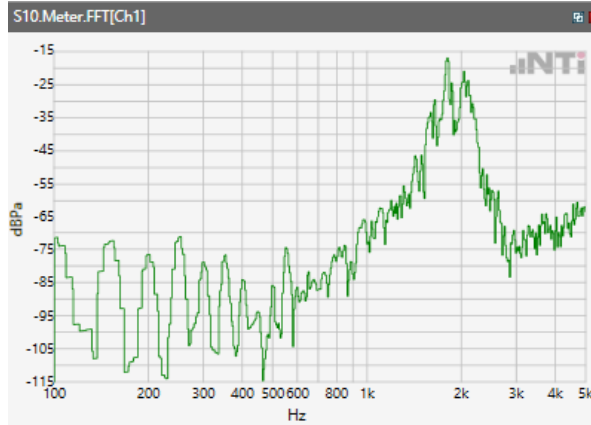
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 2



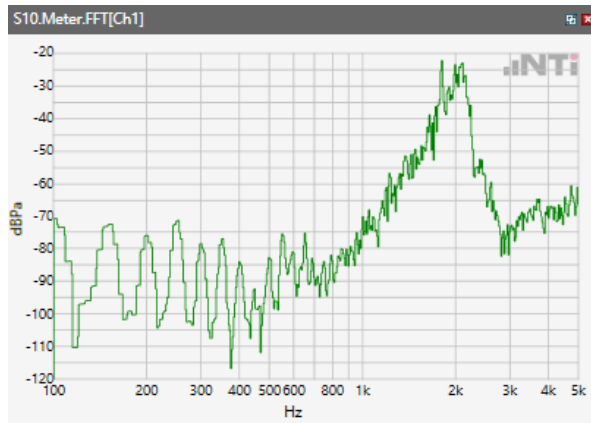
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



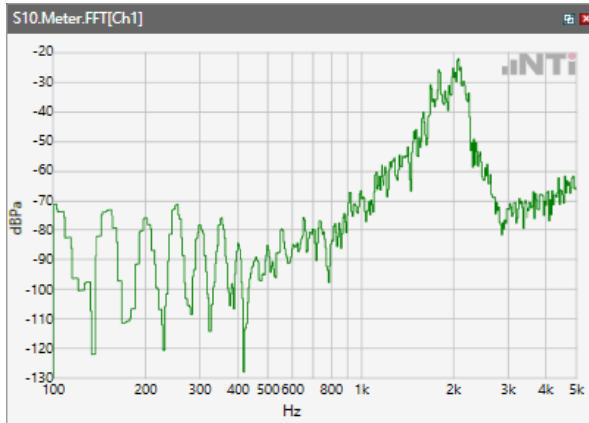
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



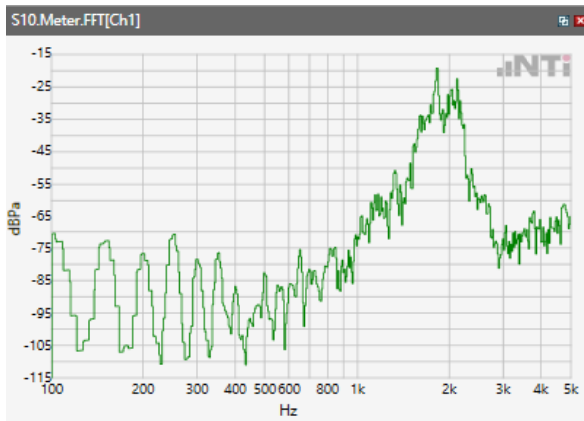
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



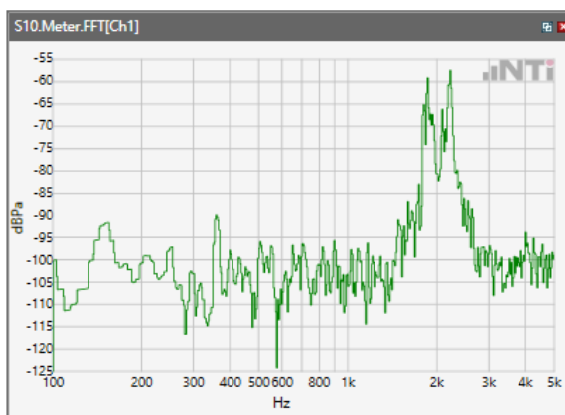
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



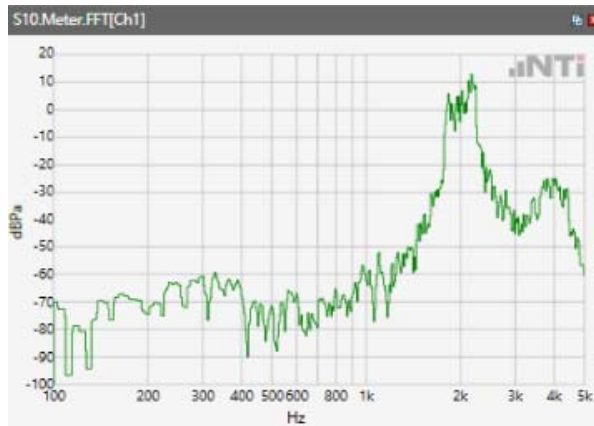
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



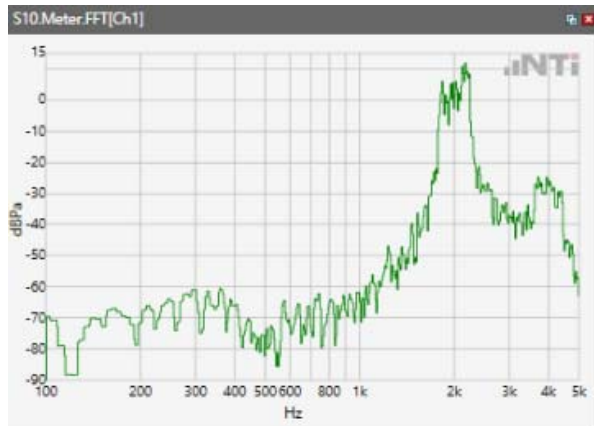
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



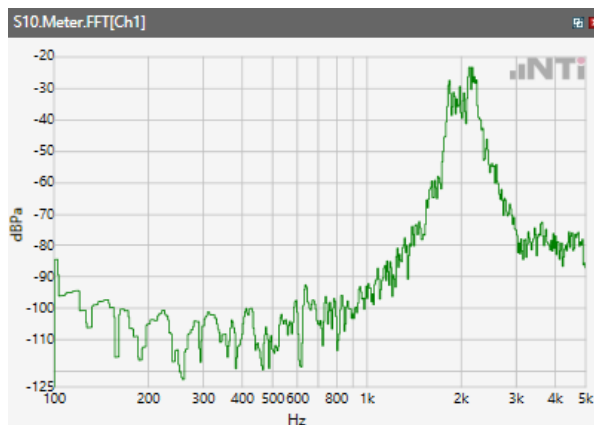
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



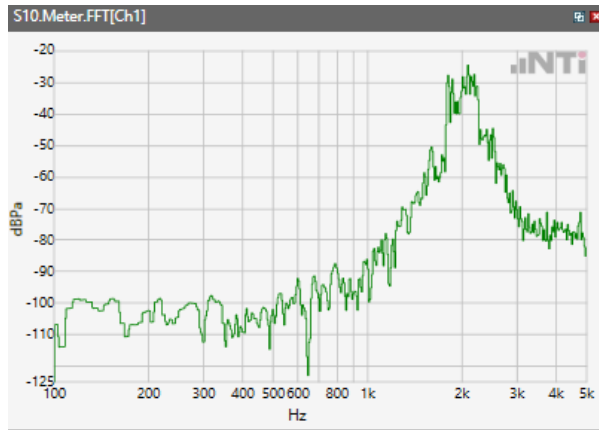
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

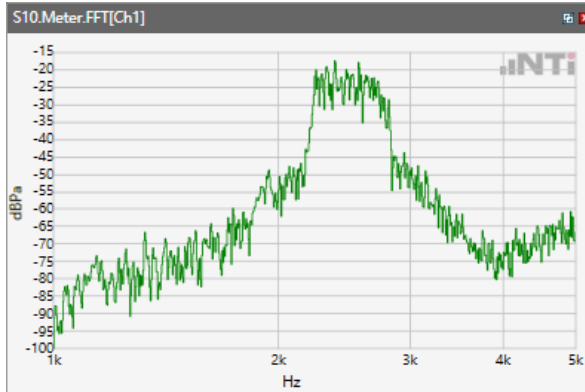


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

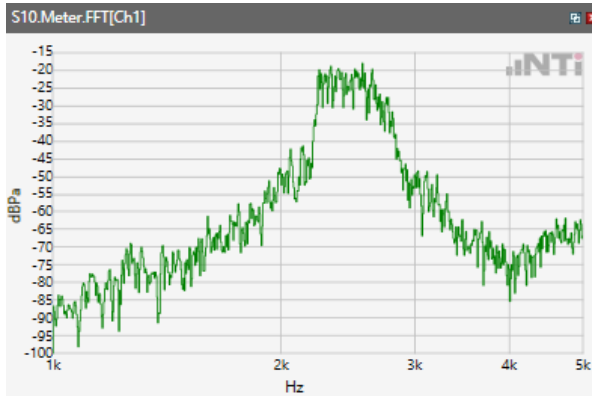


Receive path - distortion and noise 2500Hz WB&NB

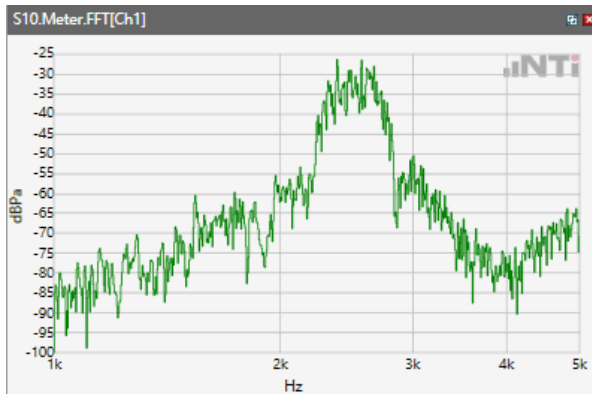
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



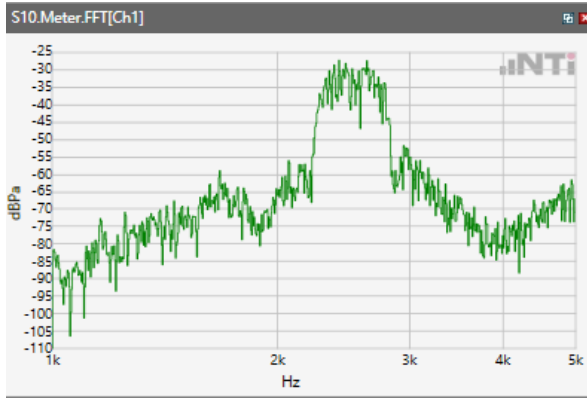
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



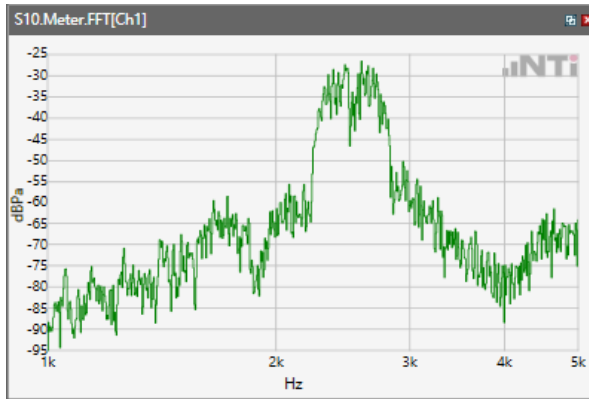
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



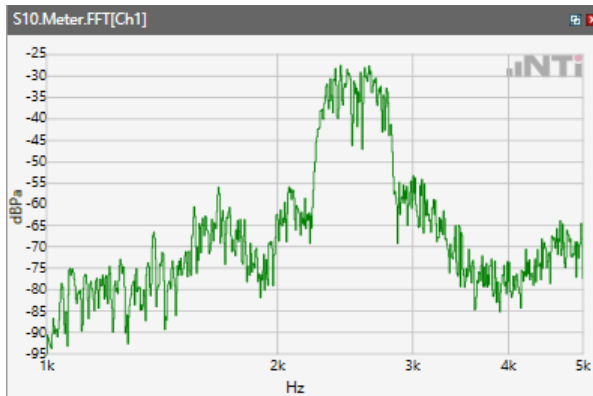
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



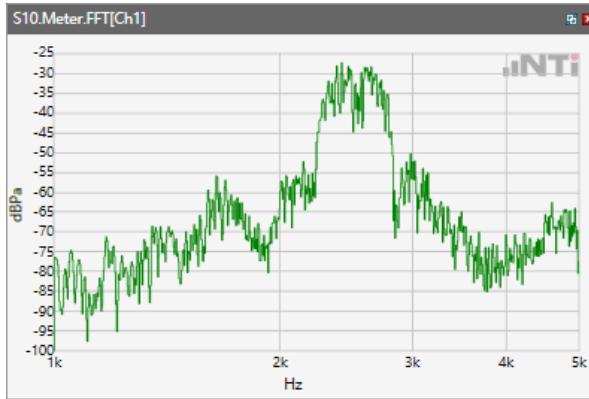
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



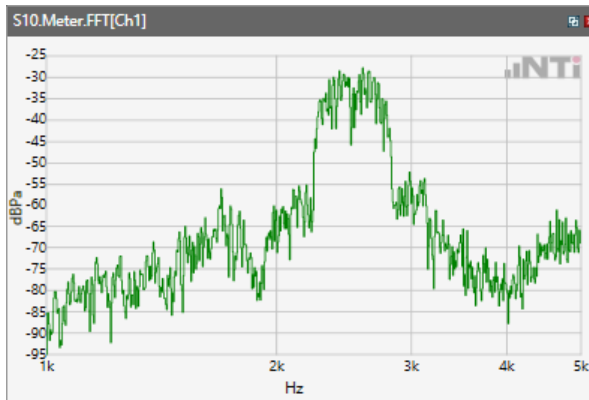
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



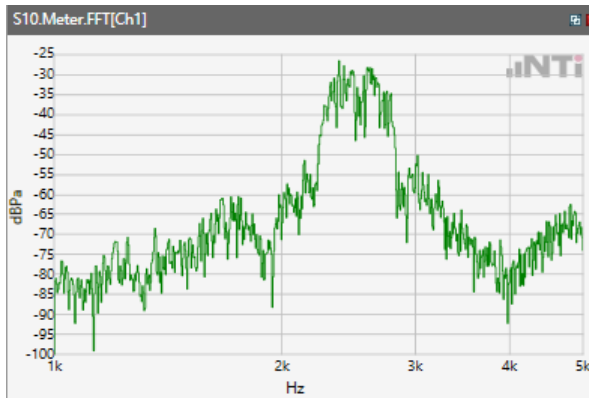
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



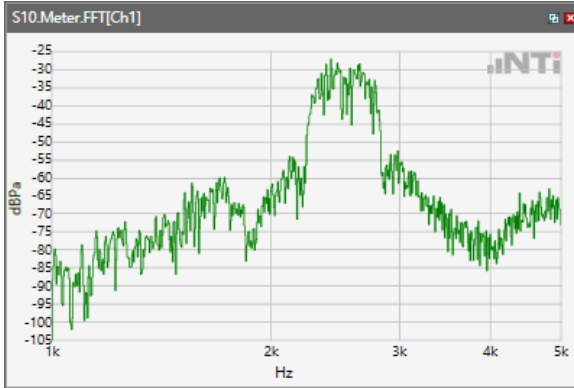
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



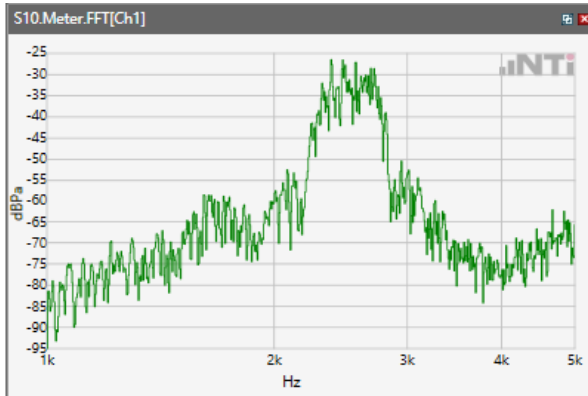
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



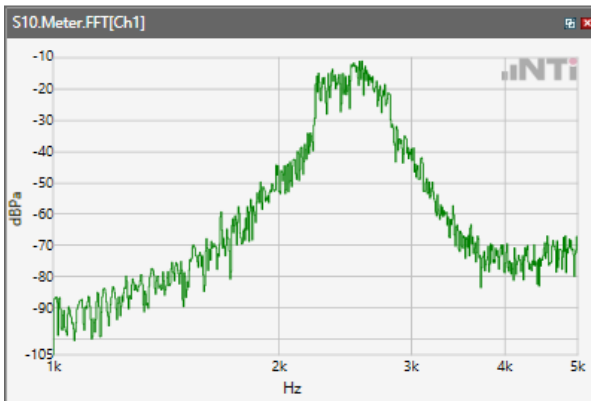
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



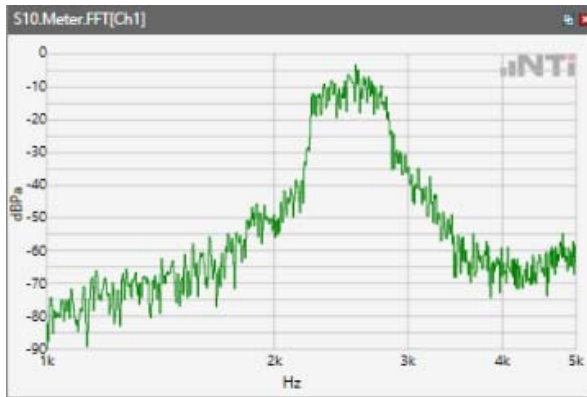
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



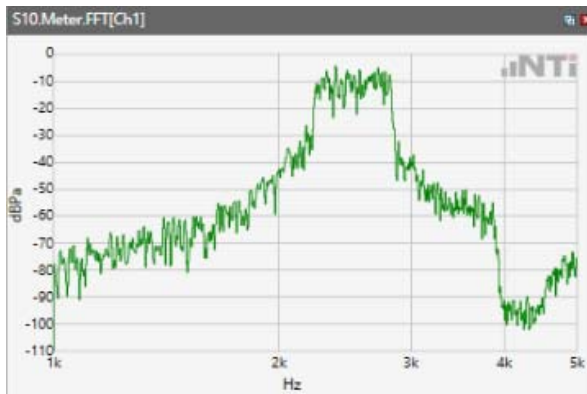
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



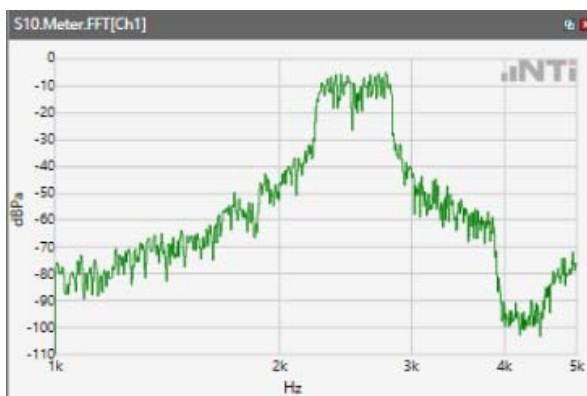
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



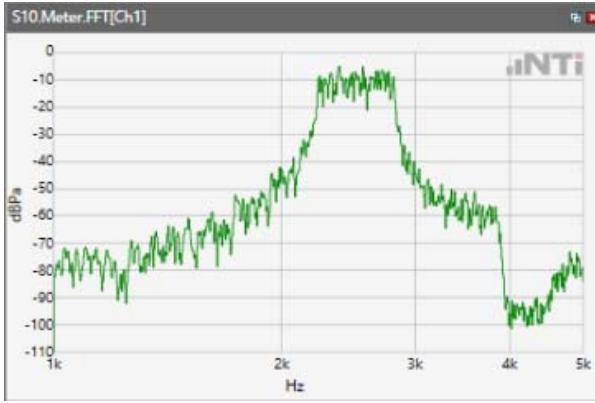
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

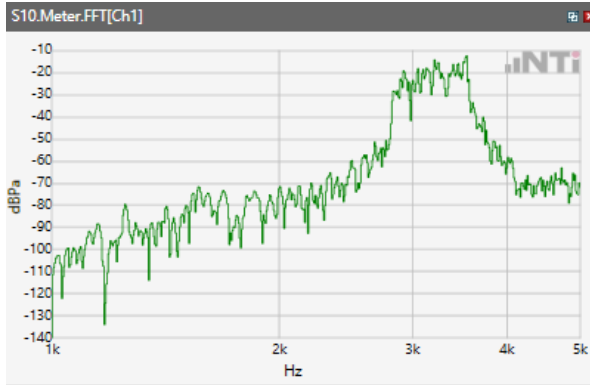


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

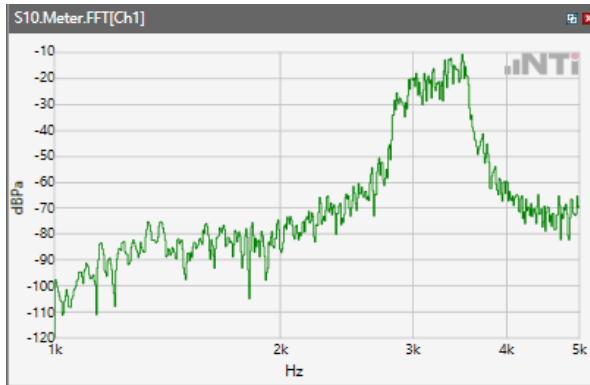


Receive path - distortion and noise 3150Hz WB&NB

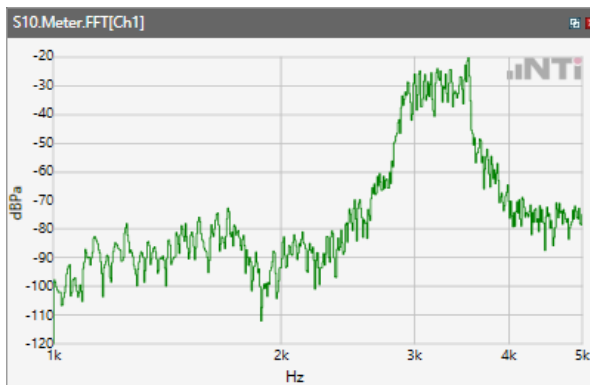
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



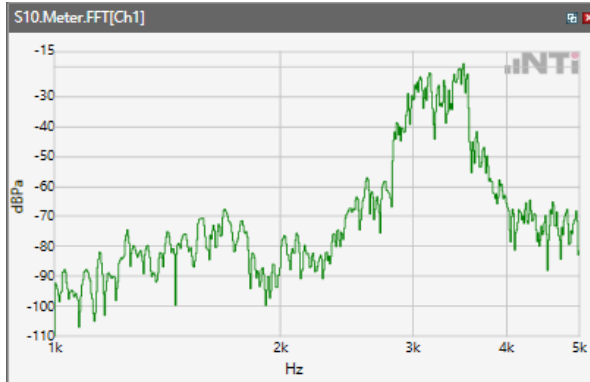
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



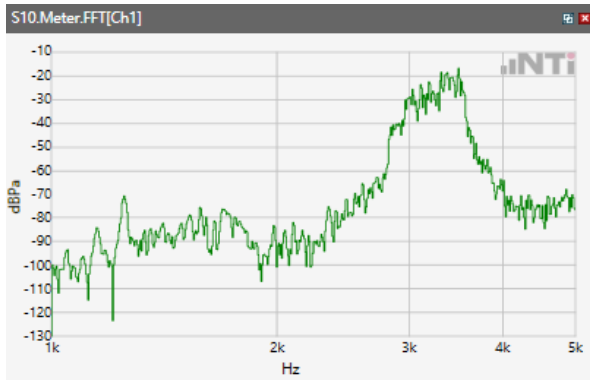
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



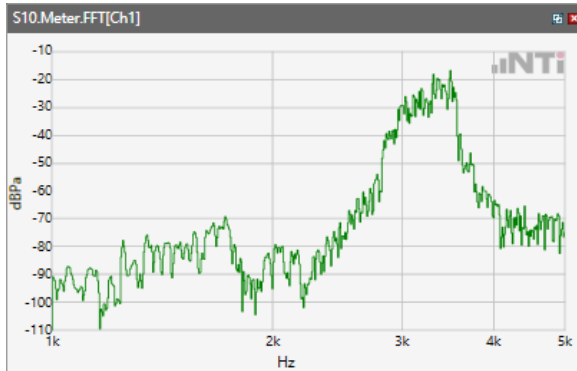
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



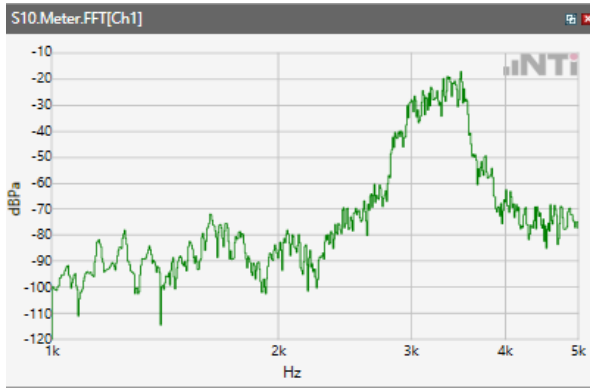
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



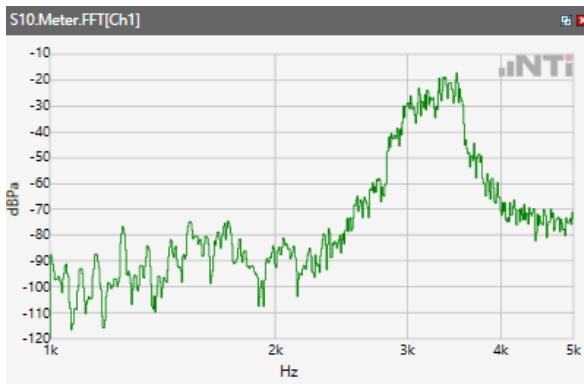
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 2



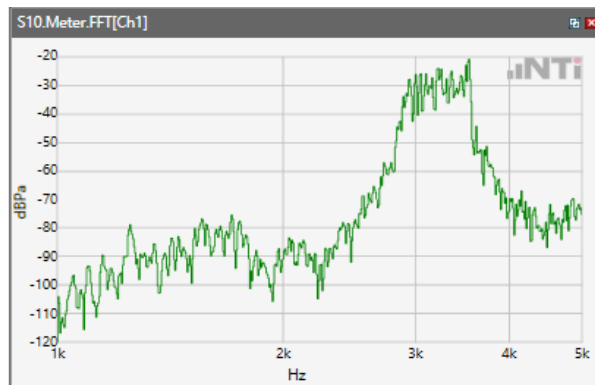
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



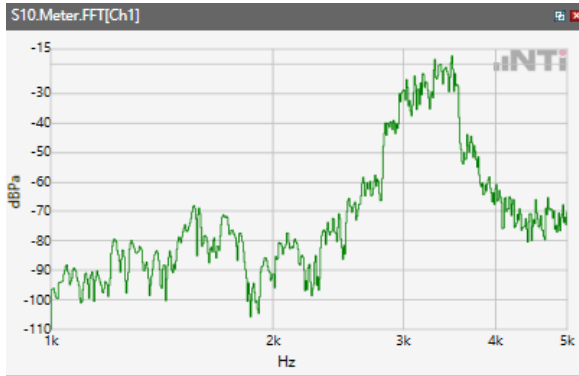
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



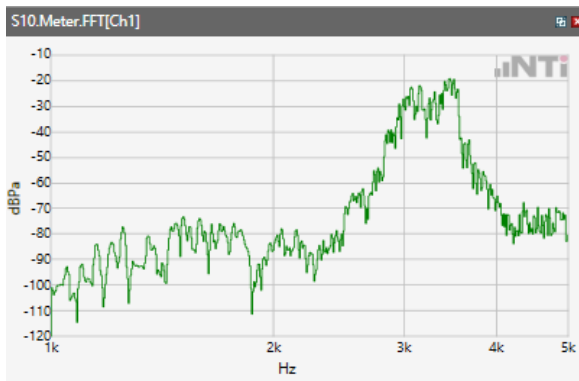
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



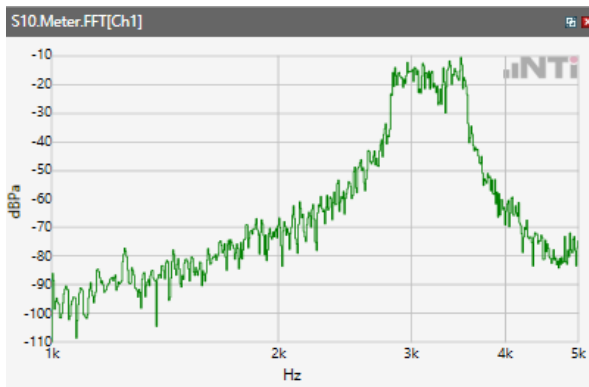
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



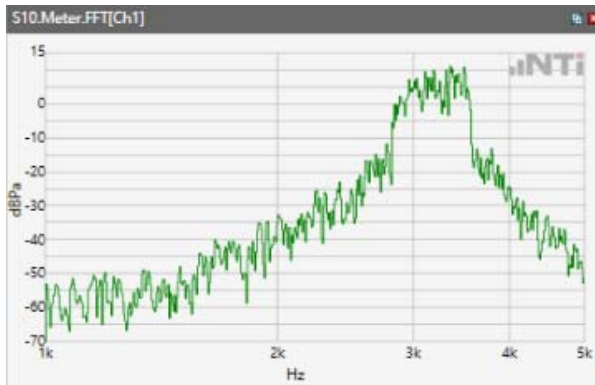
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71



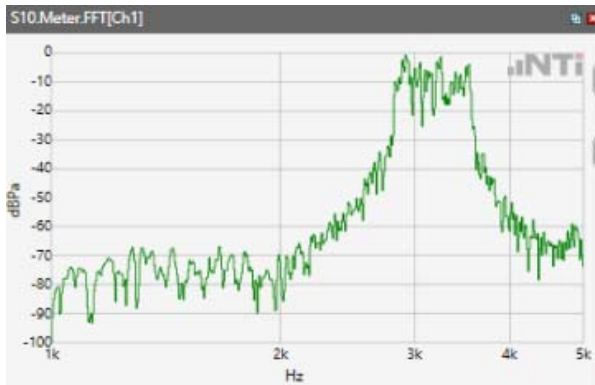
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WLAN 2.4GHz



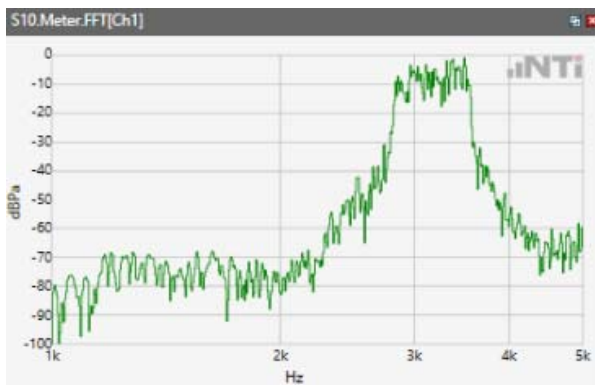
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHz



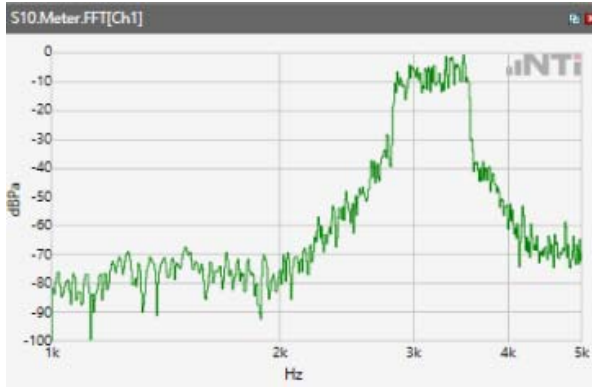
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHz



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

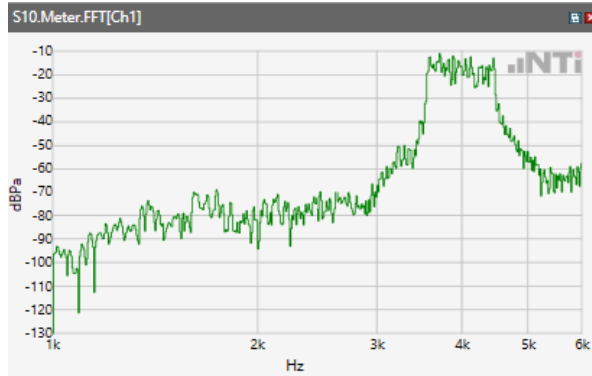


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

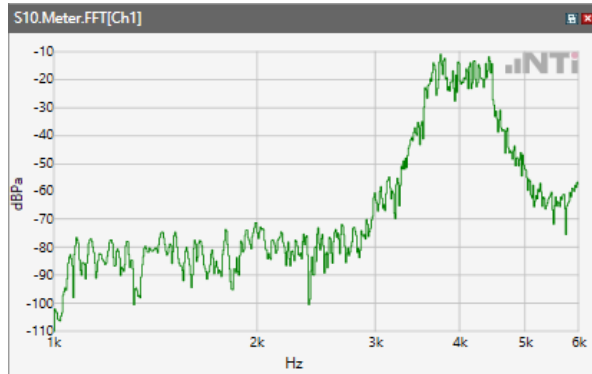


Receive path - distortion and noise 4000Hz WB only

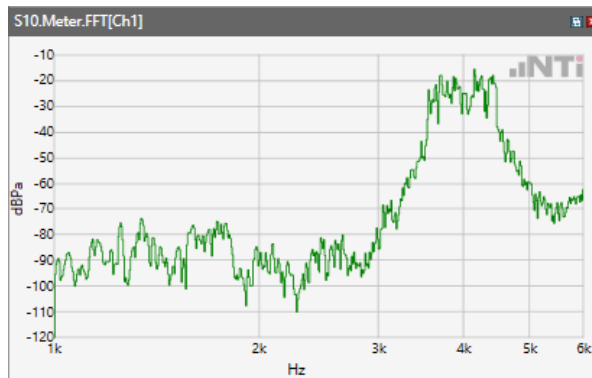
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



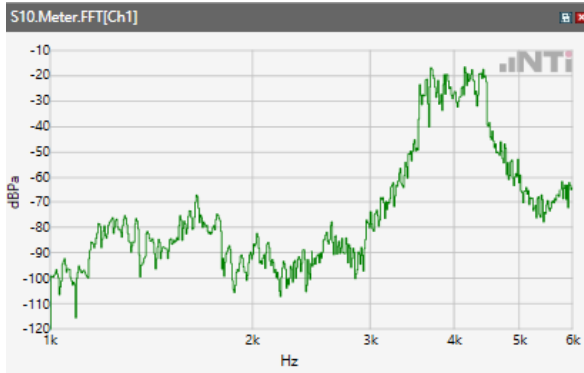
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



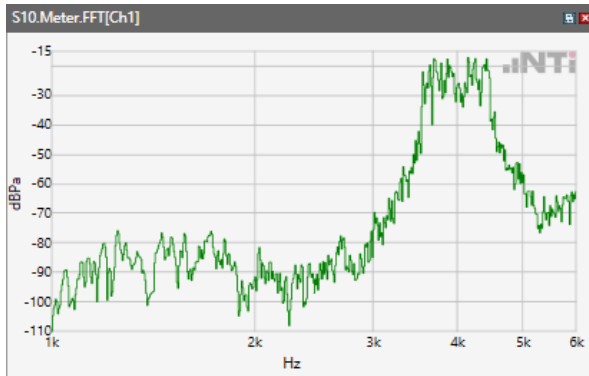
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



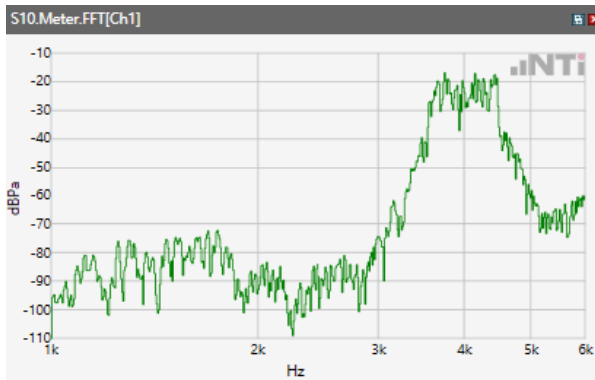
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



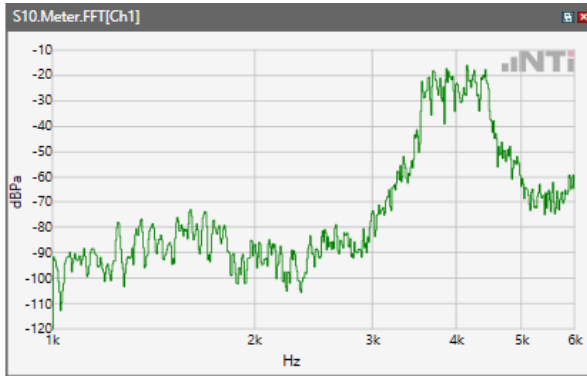
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 2



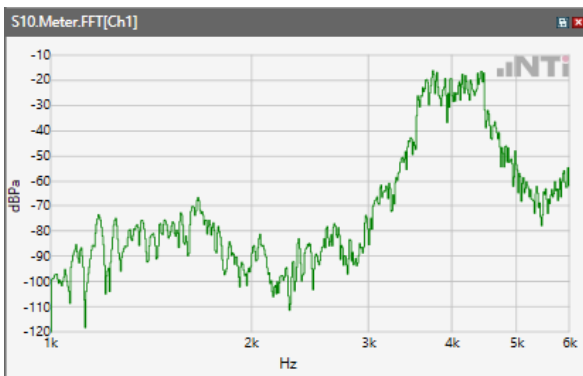
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



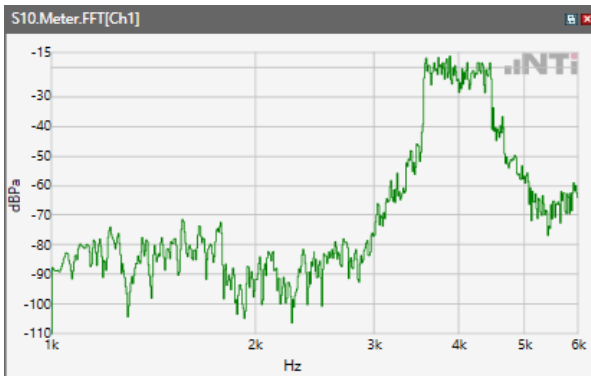
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



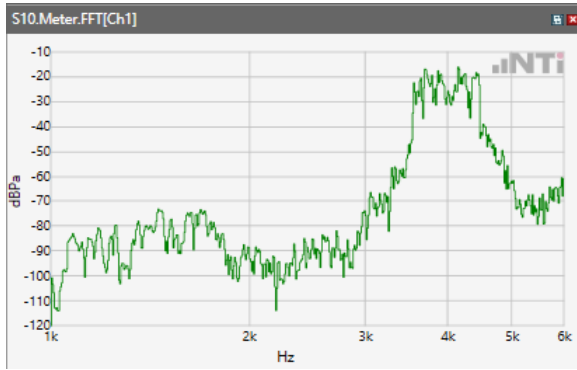
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



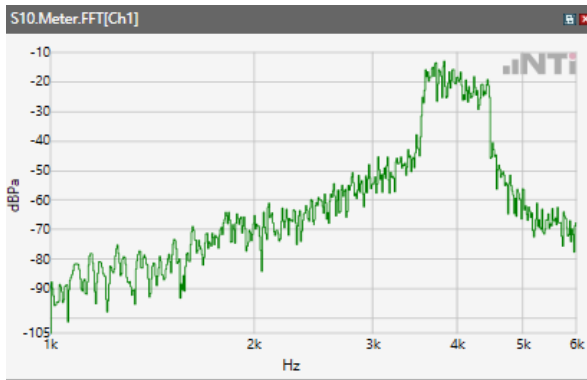
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66



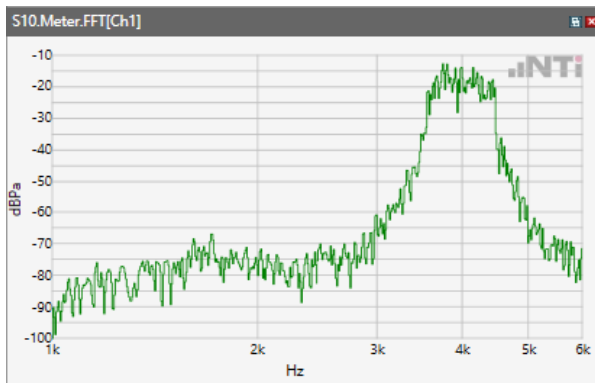
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71

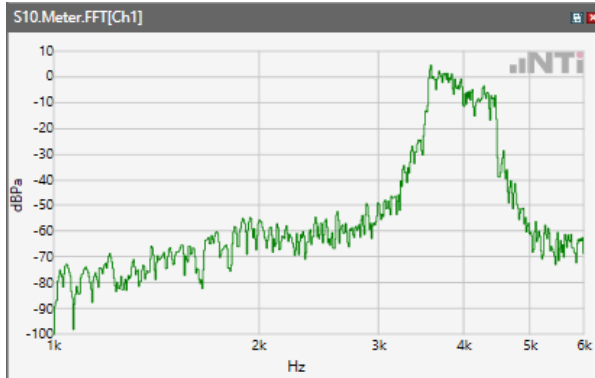
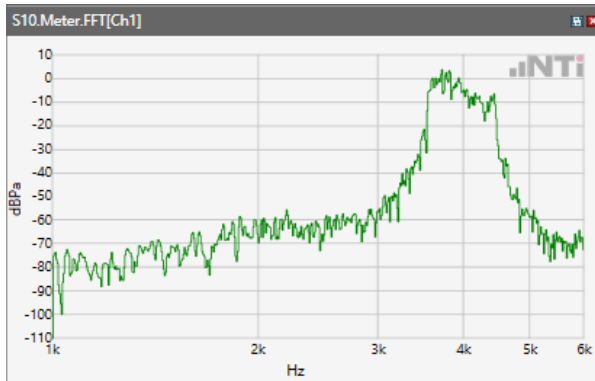
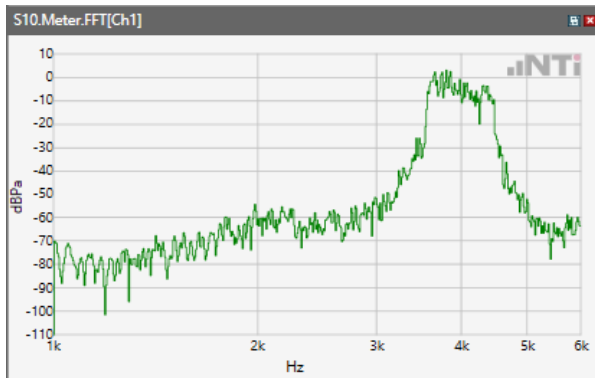


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



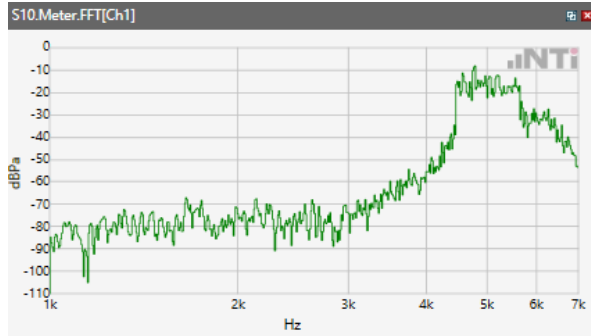
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 5.2GHz



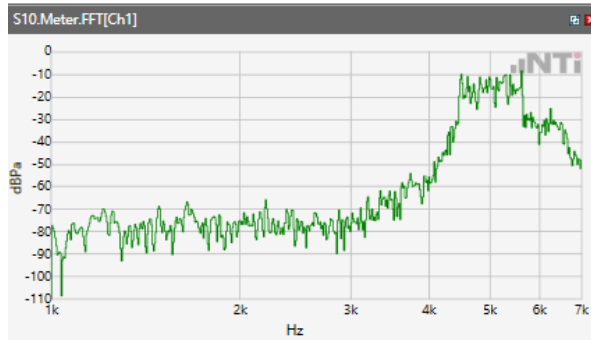
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHzANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHzANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.8GHz

Receive path - distortion and noise 5000Hz WB only

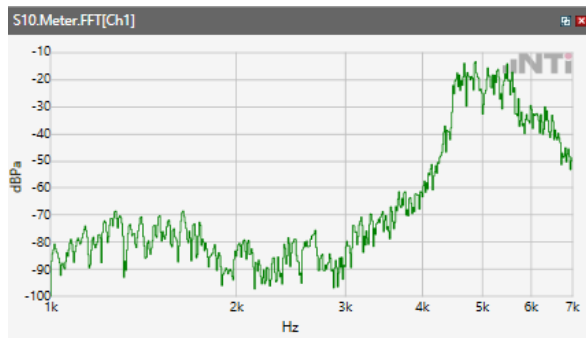
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\GSM 850



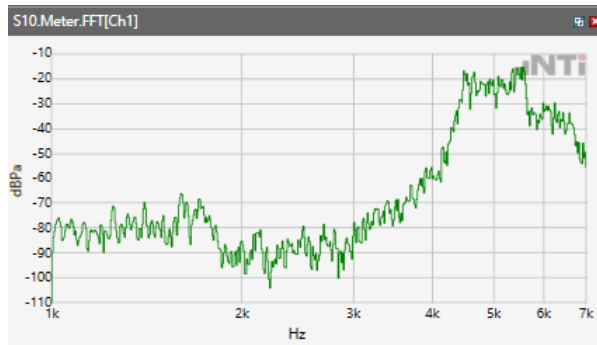
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ GSM 1900



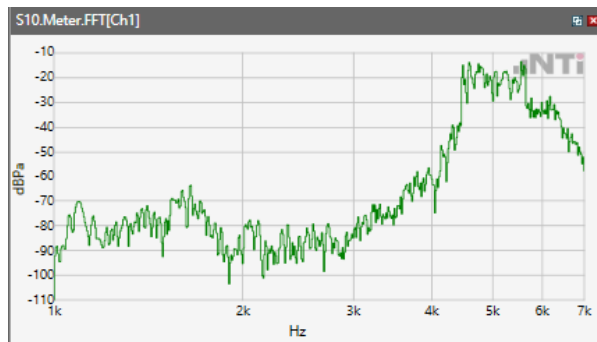
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\WCDM Band II



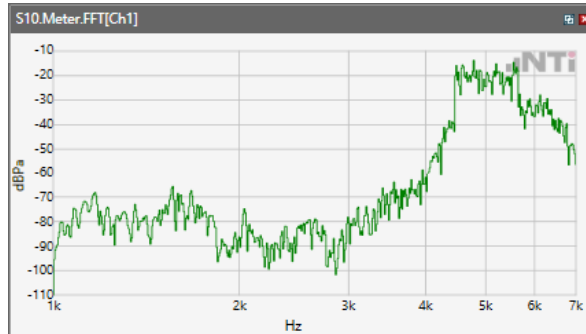
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band IV



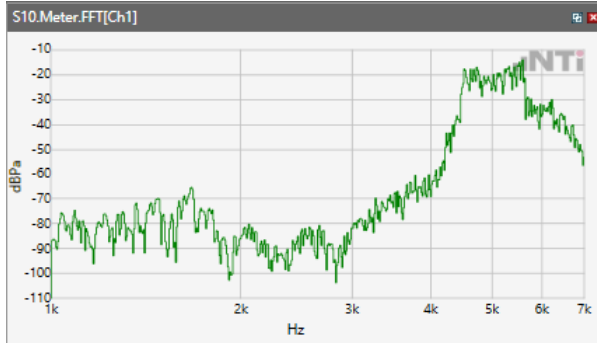
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WCDM Band V



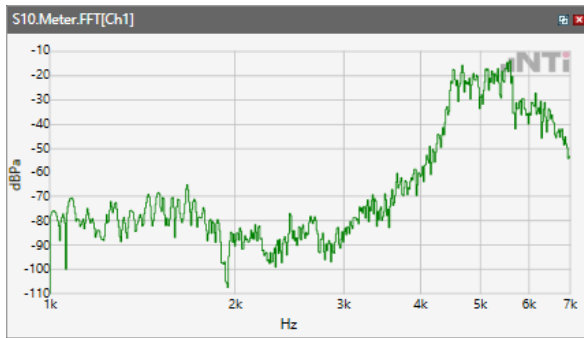
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\LTE Band 2



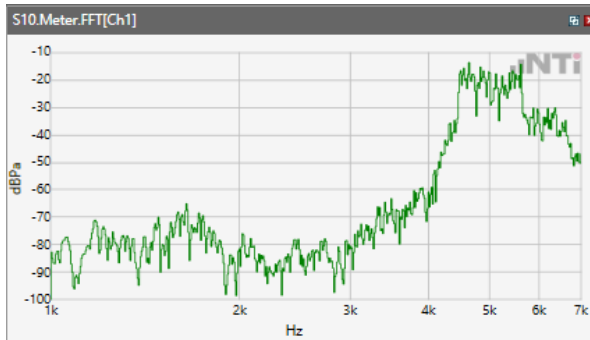
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 5



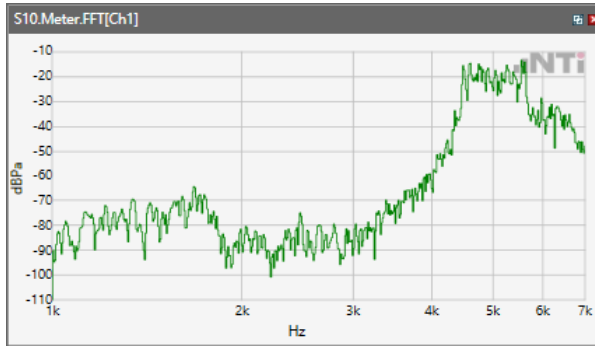
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 7



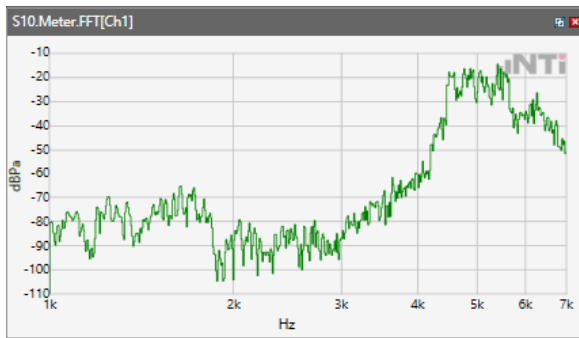
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 12



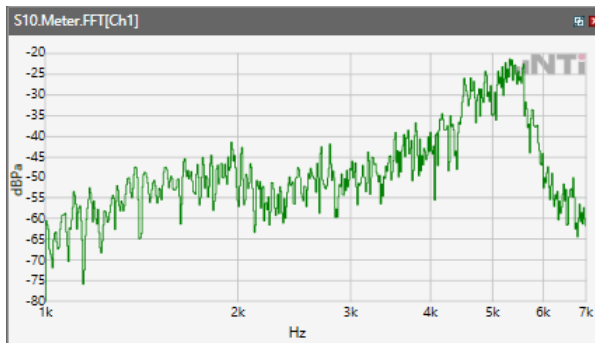
ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 66

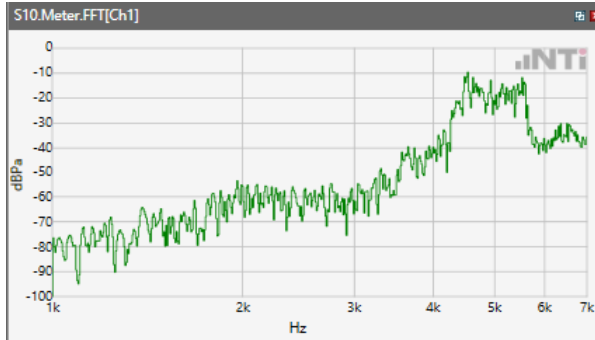
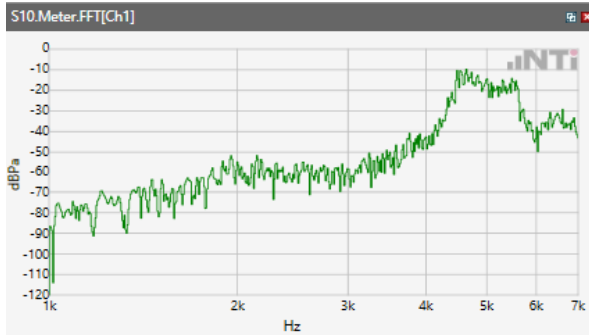
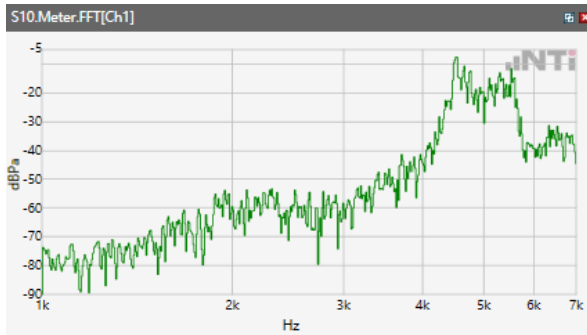


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ LTE Band 71

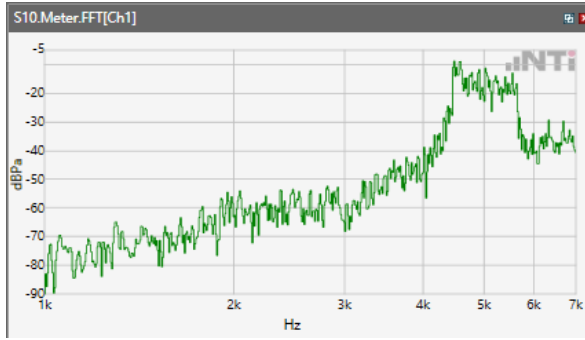


ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN 2.4GHz



ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.2GHzANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.3GHzANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85\ 5.2 Receive path – distortion and noise\ WLAN
5.5GHz

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

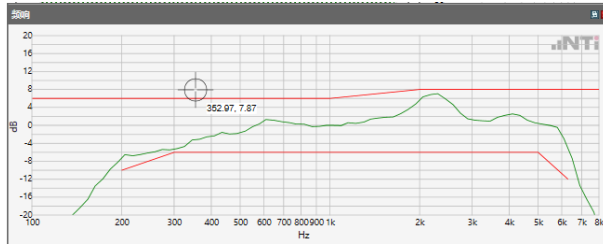


5.2 Receive path – distortion and noise

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 \ WB 23.85kbps \ GSM 850



Absolute minimal distance

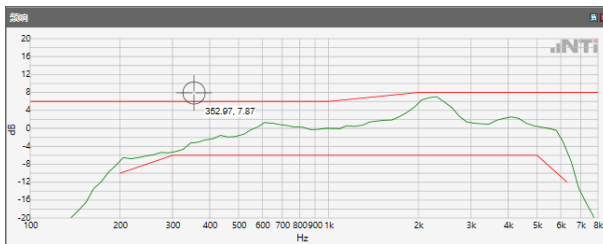
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

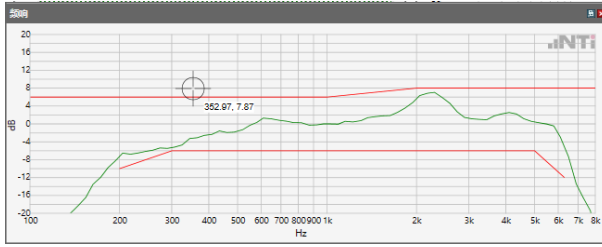
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

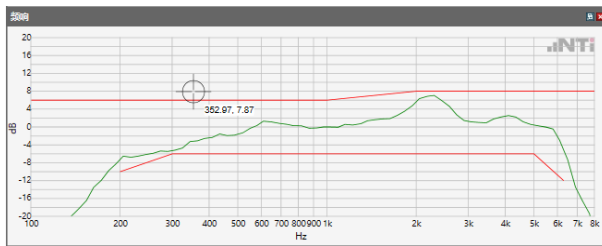
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

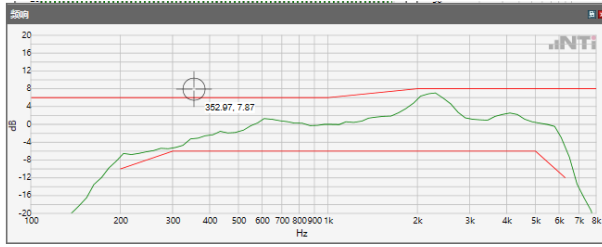
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

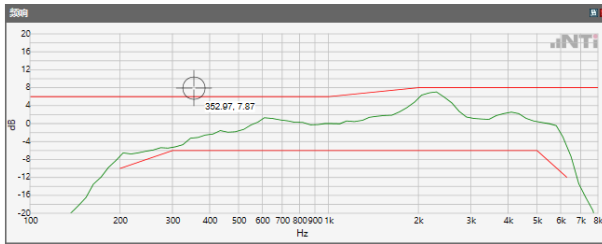
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

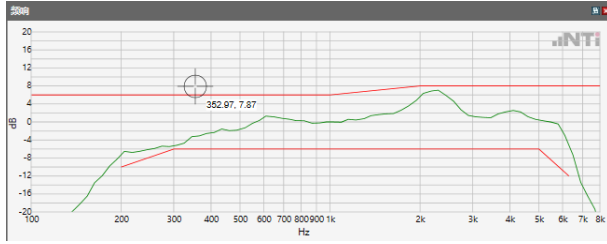
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

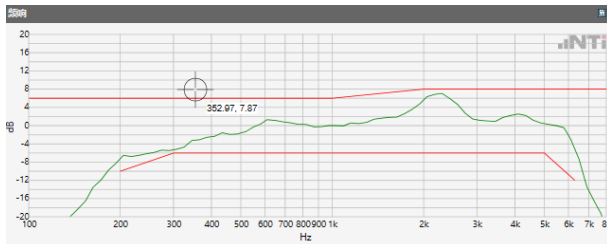
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

ANSI/TIA 5050-2018 \ 2N HAC ON \ WB 23.85kbps \ LTE Band 7



Absolute minimal distance

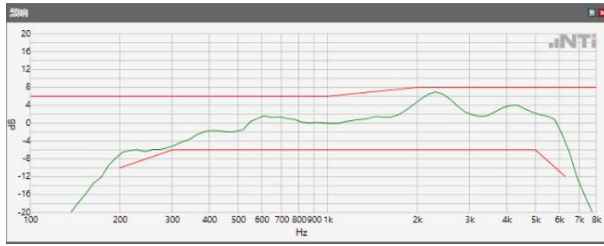
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

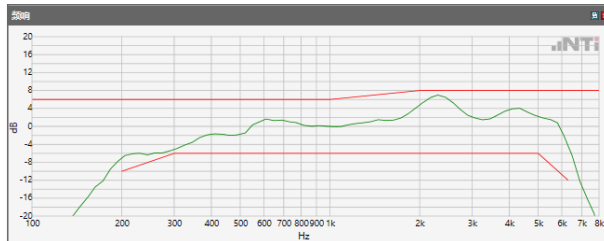
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

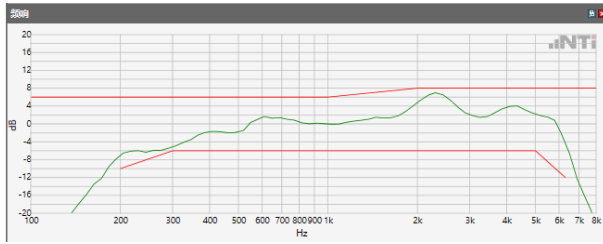
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

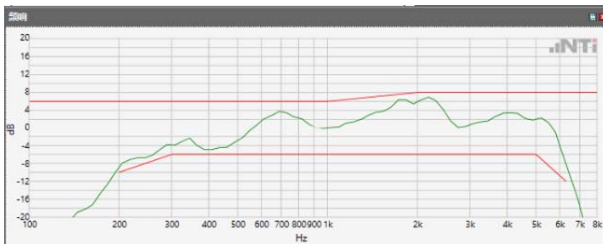
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

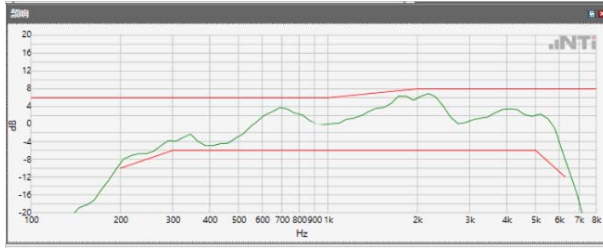
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

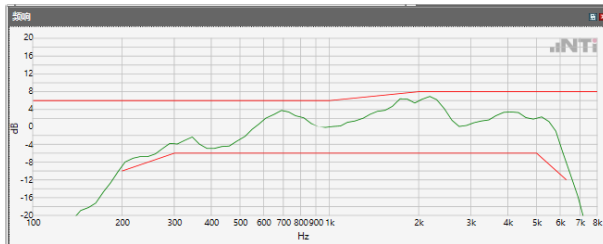
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

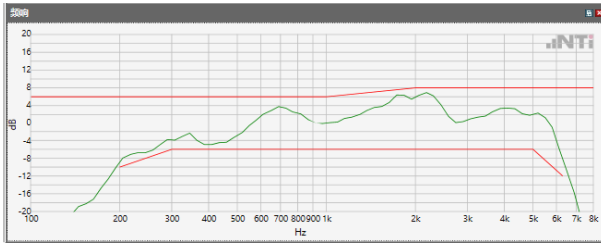
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

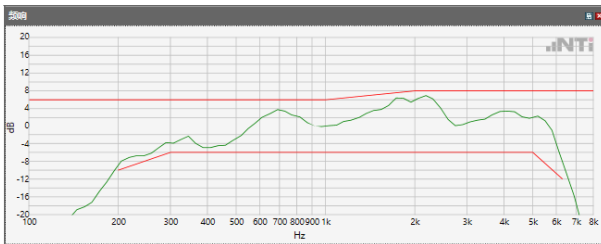
OK

OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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



Absolute minimal distance

OK

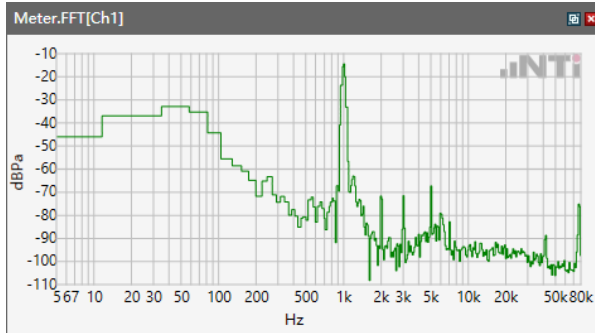
OK

Limits

| | |
|-------|--------------------|
| | lower |
| Run 1 | Fit into tolerance |

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

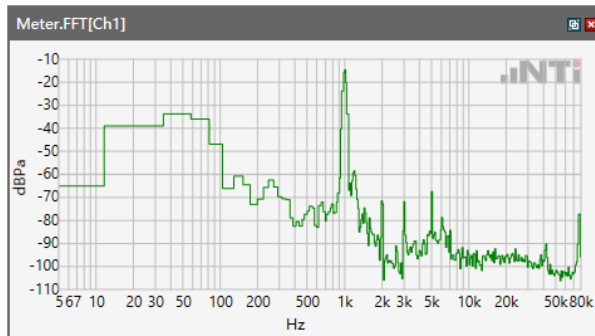
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 2



Speech Level RCV: 81.64 dB[SPL]

Calculated Value: 11.64 dB OK

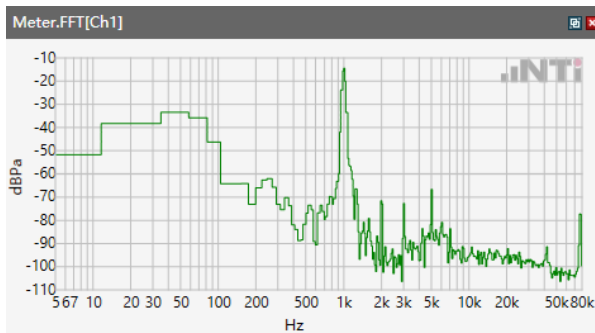
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 5



Speech Level RCV: 81.55 dB[SPL]

Calculated Value: 11.55 dB OK

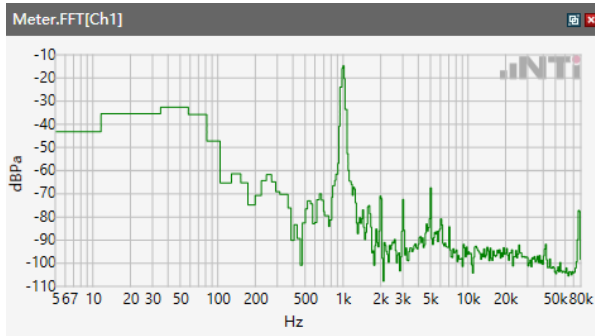
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\LTE Band 7



Speech Level RCV: 81.47 dB[SPL]

Calculated Value: 11.47 dB OK

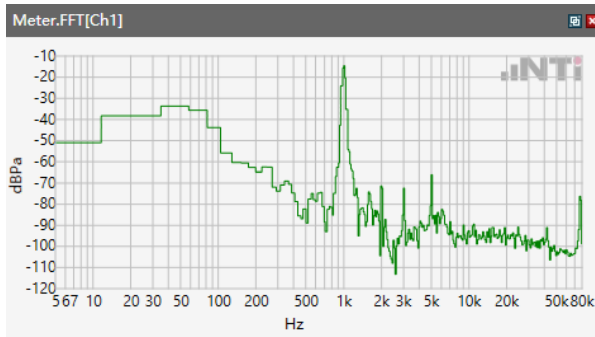
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\ LTE Band 12



Speech Level RCV: 81.61 dB[SPL]

Calculated Value: 11.61 dB OK

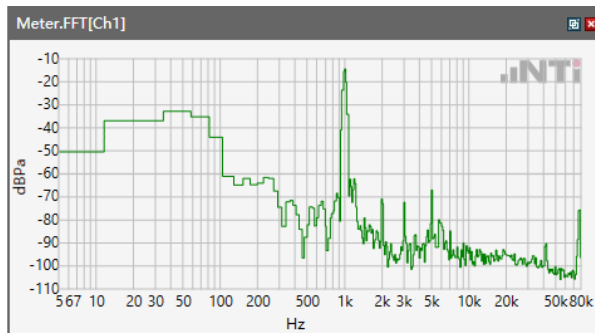
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\ LTE Band 66



Speech Level RCV: 81.62 dB[SPL]

Calculated Value: 11.62 dB OK

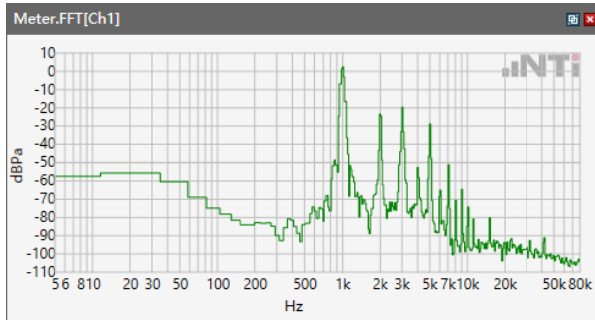
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\ LTE Band 71



Speech Level RCV: 81.54 dB[SPL]

Calculated Value: 11.54 dB OK

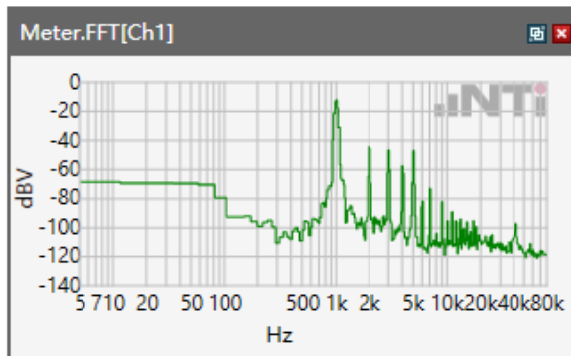
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 2.4GHz



Speech Level RCV: 92.74 dB[SPL]

Calculated Value: 22.74 dB OK

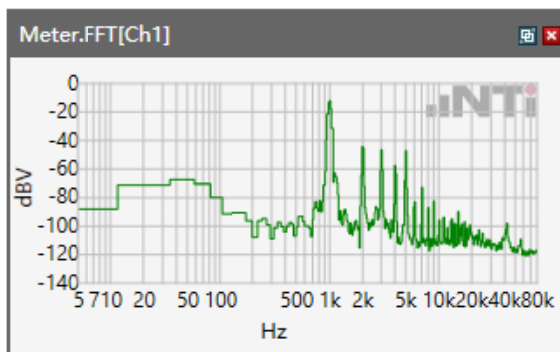
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.2GHz



Speech Level RCV: 88.99 dB[SPL]

Calculated Value: 18.99 dB OK

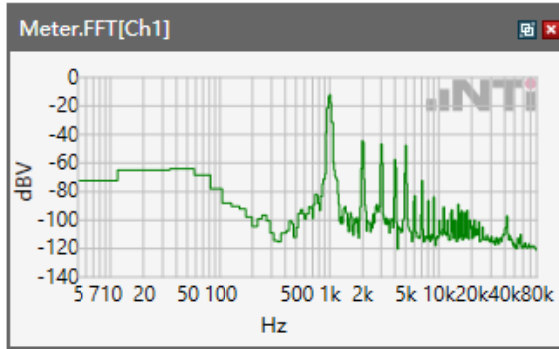
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.3GHz



Speech Level RCV: 90.96 dB[SPL]

Calculated Value: 20.96 dB OK

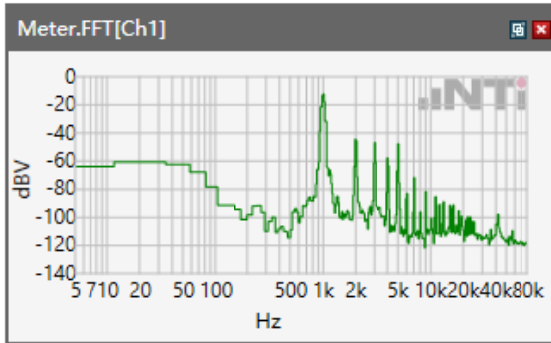
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.5GHz



Speech Level RCV: 89.17 dB[SPL]

Calculated Value: 19.17 dB OK

ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS NB 24.4 kbps\WLAN 5.8 GHz

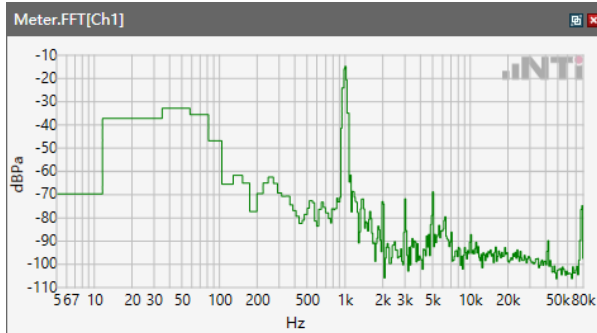


Speech Level RCV: 89.98 dB[SPL]

Calculated Value: 19.98 dB OK

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

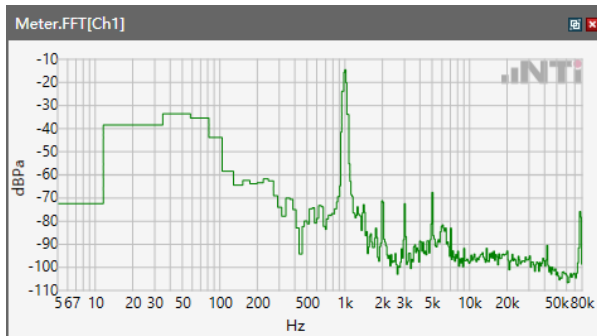
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 2



Speech Level RCV: 80.37 dB[SPL]

Calculated Value: 10.37 dB OK

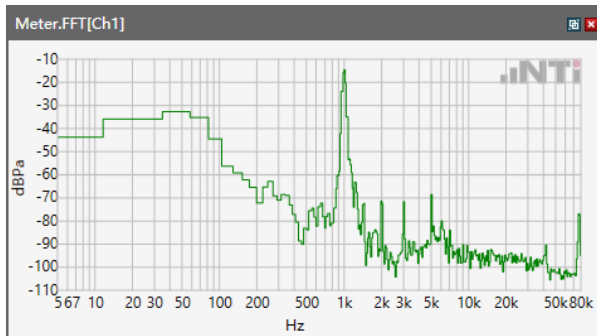
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 5



Speech Level RCV: 80.3 dB[SPL]

Calculated Value: 10.3 dB OK

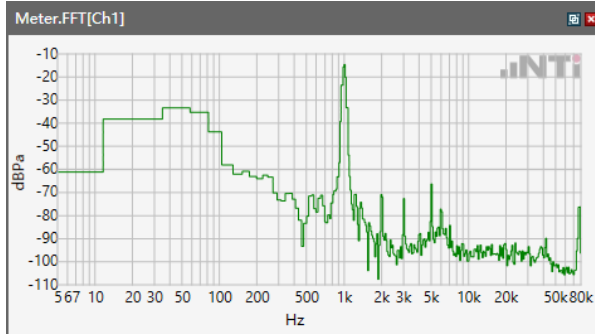
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\LTE Band 7



Speech Level RCV: 80.28 dB[SPL]

Calculated Value: 10.28 dB OK

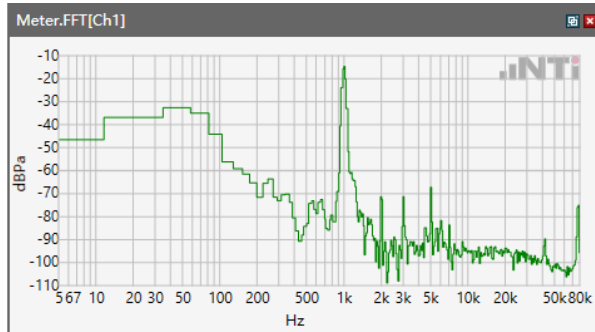
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\ LTE Band 12



Speech Level RCV: 80.28 dB[SPL]

Calculated Value: 10.28 dB OK

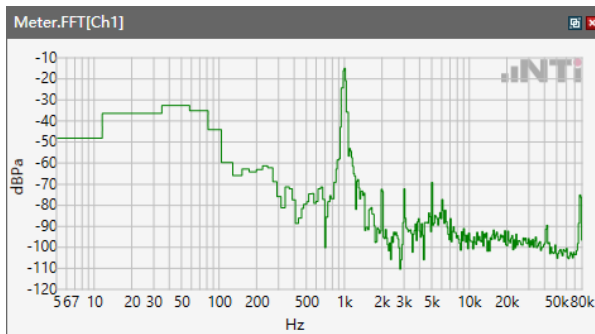
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\ LTE Band 66



Speech Level RCV: 80.33 dB[SPL]

Calculated Value: 10.33 dB OK

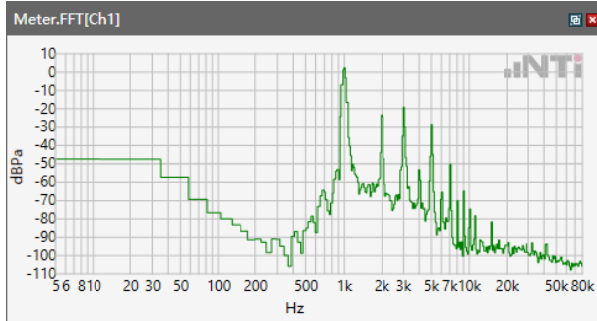
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps\ LTE Band 71



Speech Level RCV: 80.4 dB[SPL]

Calculated Value: 10.4 dB OK

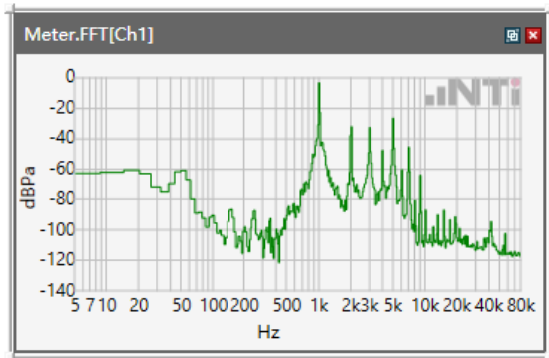
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps \ WLAN 2.4GHz



Speech Level RCV: 91.25 dB[SPL]

Calculated Value: 21.25 dB OK

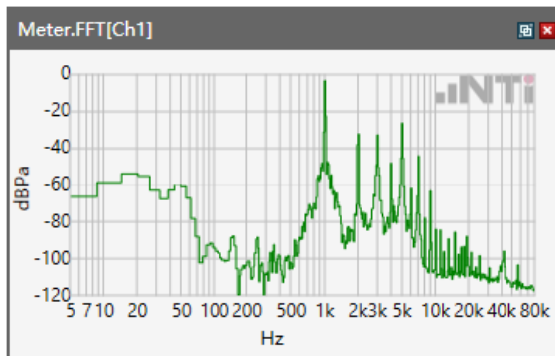
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps \ WLAN 5.2GHz



Speech Level RCV: 90.48 dB[SPL]

Calculated Value: 20.48 dB OK

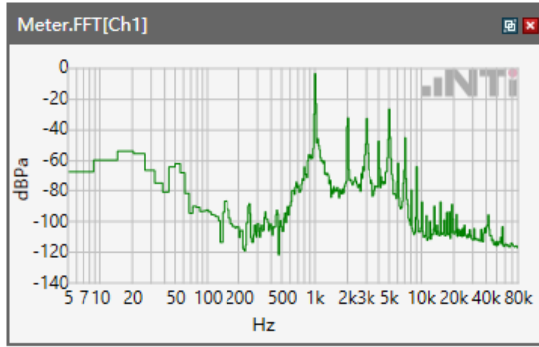
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps \ WLAN 5.3GHz



Speech Level RCV: 90.72 dB[SPL]

Calculated Value: 20.72 dB OK

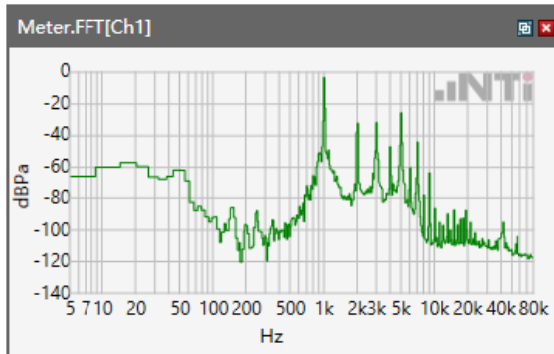
ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps \ WLAN 5.5GHz



Speech Level RCV: 91.36 dB[SPL]

Calculated Value: 21.36 dB OK

ANSI/TIA 5050-2018 \ 2N HAC ON \ EVS WB 24.4 kbps \ WLAN 5.8 GHz



Speech Level RCV: 91.03 dB[SPL]

Calculated Value: 21.03 dB OK