



REPORT No.: SZ24090195S04

Annex D Test Results of Volume Control

Measurement Protocol

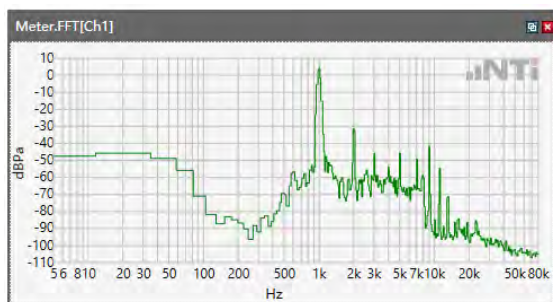
Project	SZ24090195 of TIA 5050 v1
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5.1 Receive Volume Control Performance 8N---NB	3
Receive path - distortion and noise 400Hz WB&NB	7
Receive path - distortion and noise 500Hz WB&NB	11
Receive path - distortion and noise 630Hz WB&NB	15
Receive path - distortion and noise 800Hz WB&NB	19
Receive path - distortion and noise 1000Hz WB&NB	22
Receive path - distortion and noise 1250Hz WB&NB	25
Receive path - distortion and noise 1600Hz WB&NB	28
Receive path - distortion and noise 2000Hz WB&NB	31
Receive path - distortion and noise 2500Hz WB&NB	35
Receive path - distortion and noise 3150Hz WB&NB	39
5.2 Receive path – distortion and noise	43
5.3 Receive Acoustic Frequency response Performance	44
5.1 Receive Volume Control Performance 8N---WB	49
Receive path - distortion and noise 250 WB only	53
Receive path - distortion and noise 315Hz WB only	56
Receive path - distortion and noise 400Hz WB&NB	60
Receive path - distortion and noise 500Hz WB&NB	64
Receive path - distortion and noise 630Hz WB&NB	68
Receive path - distortion and noise 800Hz WB&NB	72
Receive path - distortion and noise 1000Hz WB&NB	75
Receive path - distortion and noise 1250Hz WB&NB	78
Receive path - distortion and noise 1600Hz WB&NB	81
Receive path - distortion and noise 2000Hz WB&NB	84
Receive path - distortion and noise 2500Hz WB&NB	88
Receive path - distortion and noise 3150Hz WB&NB	92
Receive path - distortion and noise 4000Hz WB only	96
Receive path - distortion and noise 5000Hz WB only	100
5.2 Receive path – distortion and noise	103
5.3 Receive Acoustic Frequency response Performance	104
5.1 Receive Volume Control Performance 8N---EVS NB	109
5.1 Receive Volume Control Performance 8N---EVS WB	112
5.1 Receive Volume Control Performance 2N---NB	114
Receive path - distortion and noise 400Hz WB&NB	118
Receive path - distortion and noise 500Hz WB&NB	122
Receive path - distortion and noise 630Hz WB&NB	126
Receive path - distortion and noise 800Hz WB&NB	130
Receive path - distortion and noise 1000Hz WB&NB	134
Receive path - distortion and noise 1250Hz WB&NB	137
Receive path - distortion and noise 1600Hz WB&NB	141
Receive path - distortion and noise 2000Hz WB&NB	145
Receive path - distortion and noise 2500Hz WB&NB	149
Receive path - distortion and noise 3150Hz WB&NB	153

5.2 Receive path – distortion and noise.....	157
5.3 Receive Acoustic Frequency response Performance.....	158
5.1 Receive Volume Control Performance 2N---WB	163
Receive path - distortion and noise 250 WB only	167
Receive path - distortion and noise 315Hz WB only	171
Receive path - distortion and noise 400Hz WB&NB.....	175
Receive path - distortion and noise 500Hz WB&NB.....	179
Receive path - distortion and noise 630Hz WB&NB.....	183
Receive path - distortion and noise 800Hz WB&NB.....	187
Receive path - distortion and noise 1000Hz WB&NB.....	191
Receive path - distortion and noise 1250Hz WB&NB.....	194
Receive path - distortion and noise 1600Hz WB&NB.....	198
Receive path - distortion and noise 2000Hz WB&NB.....	201
Receive path - distortion and noise 2500Hz WB&NB.....	205
Receive path - distortion and noise 3150Hz WB&NB.....	209
Receive path - distortion and noise 4000Hz WB only	213
Receive path - distortion and noise 5000Hz WB only	217
5.2 Receive path – distortion and noise.....	221
5.3 Receive Acoustic Frequency response Performance.....	222
5.1 Receive Volume Control Performance 2N---EVS NB	227
5.1 Receive Volume Control Performance 2N---EVS WB	229

5.1 Receive Volume Control Performance 8N---NB

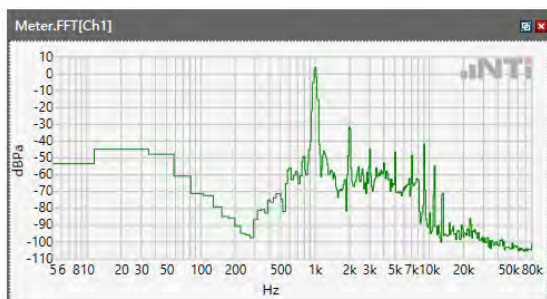
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 850



Speech Level RCV: 94.29 dB[SPL]

Calculated Value: 24.29 dB Ok

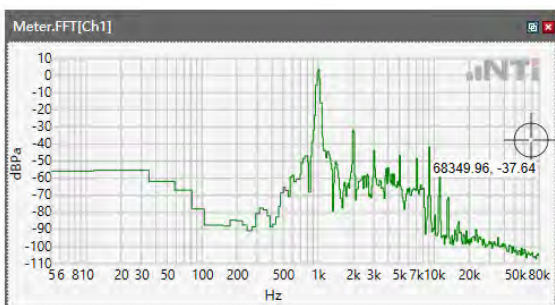
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\GSM 1900



Speech Level RCV: 93.16 dB[SPL]

Calculated Value: 23.16 dB Ok

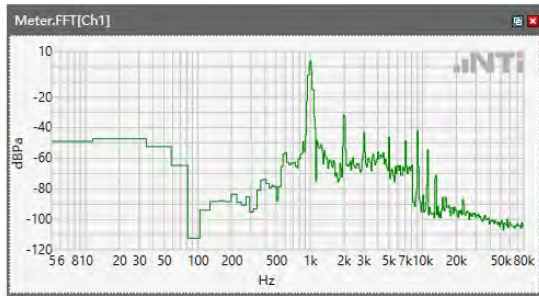
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 93.28 dB[SPL]

Calculated Value: 23.28 dB Ok

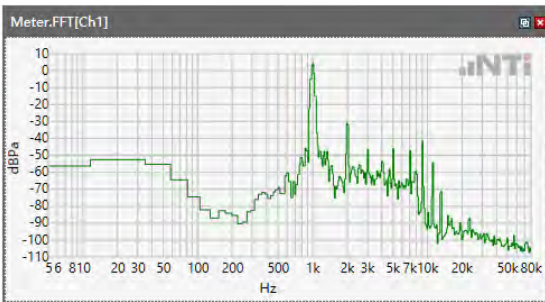
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 94.31 dB[SPL]

Calculated Value: 24.31 dB Ok

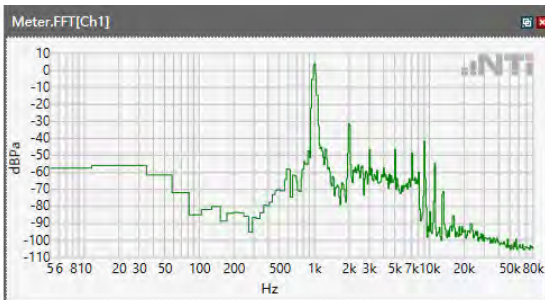
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 2



Speech Level RCV: 92.84 dB[SPL]

Calculated Value: 22.84 dB Ok

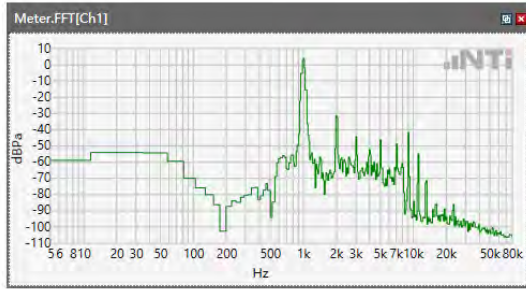
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\LTE Band 5



Speech Level RCV: 93.61 dB[SPL]

Calculated Value: 23.61 dB Ok

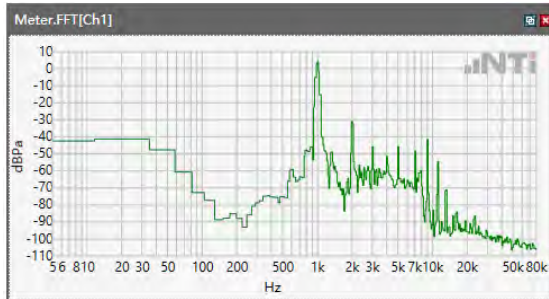
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 12



Speech Level RCV: 93.08 dB[SPL]

Calculated Value: 23.08 dB Ok

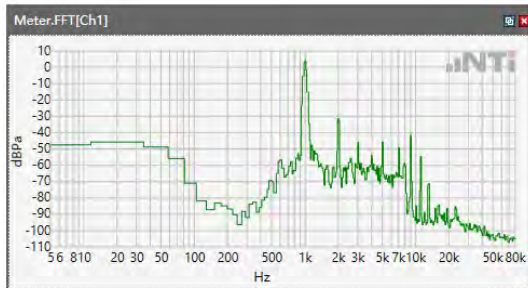
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE Band 66



Speech Level RCV: 92.26 dB[SPL]

Calculated Value: 22.26 dB Ok

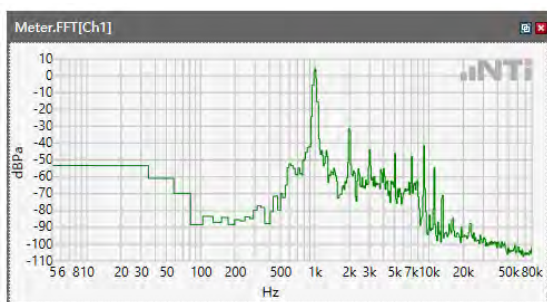
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ LTE BAND 71



Speech Level RCV: 93.23 dB[SPL]

Calculated Value: 23.23 dB Ok

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

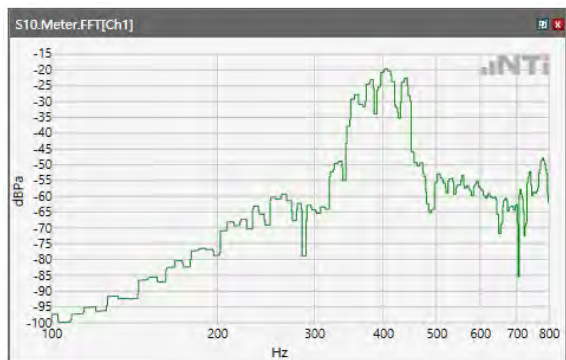


Speech Level RCV: 92.58 dB[SPL]

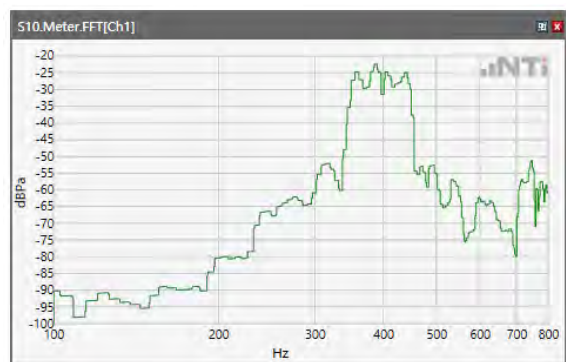
Calculated Value: 22.58 dB Ok

Receive path - distortion and noise 400Hz WB&NB

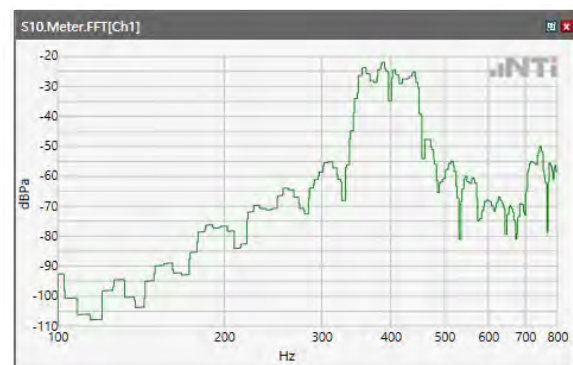
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



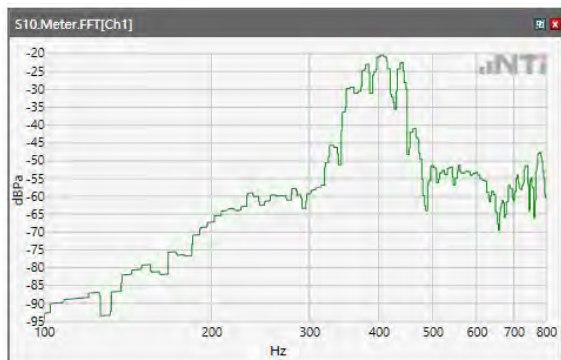
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



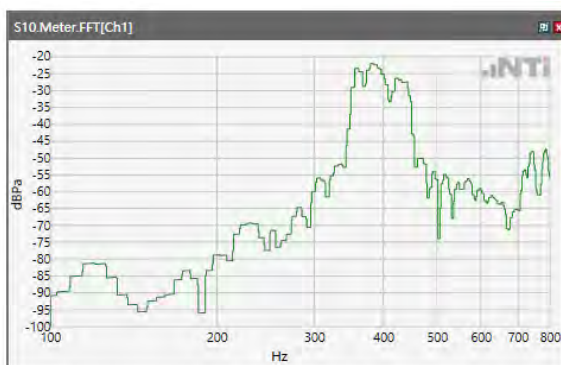
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



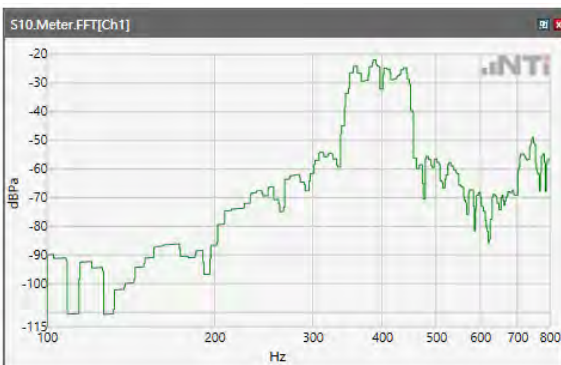
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



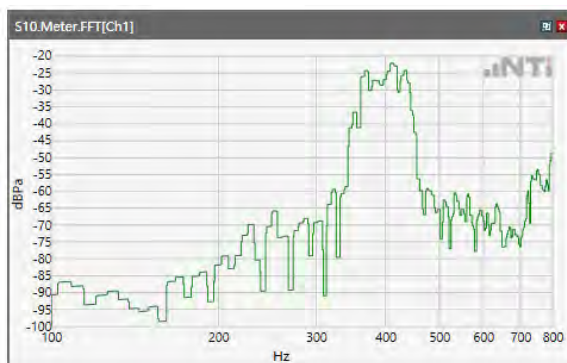
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



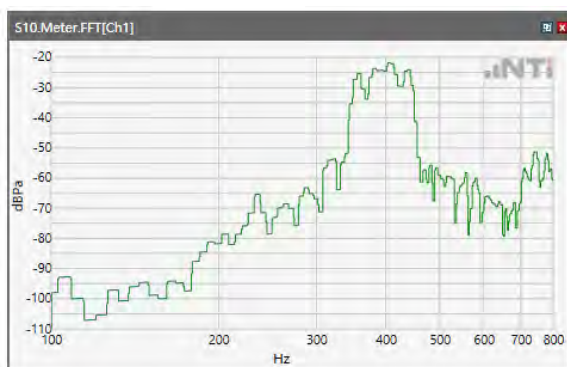
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



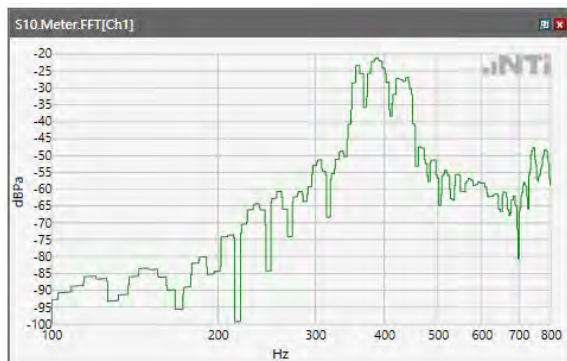
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



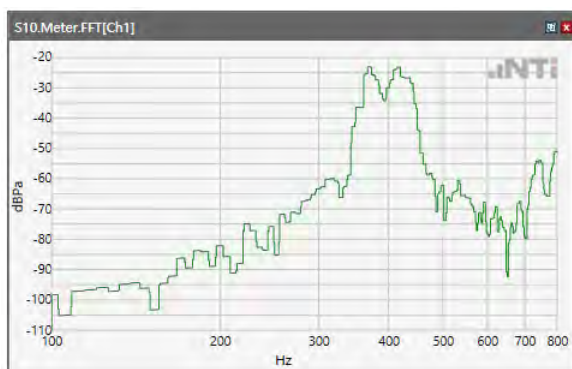
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

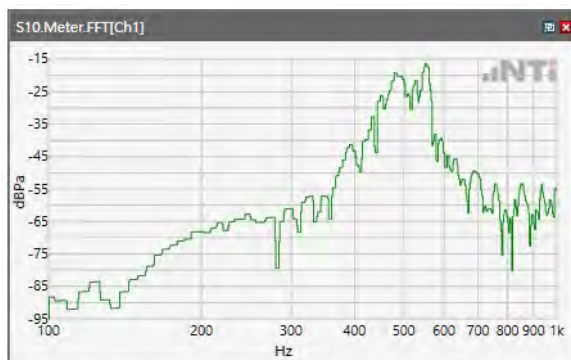


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

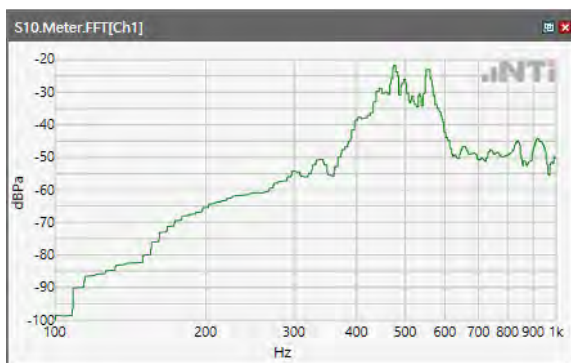


Receive path - distortion and noise 500Hz WB&NB

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



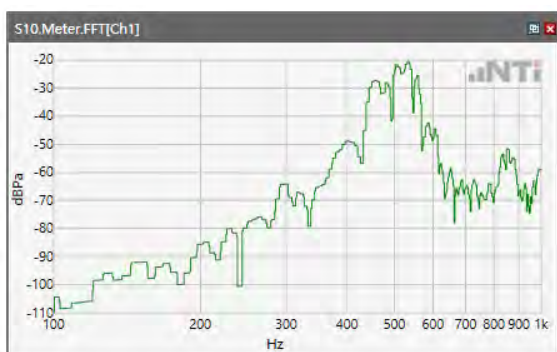
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



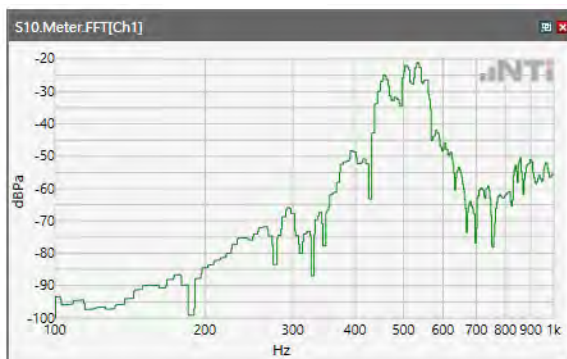
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



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



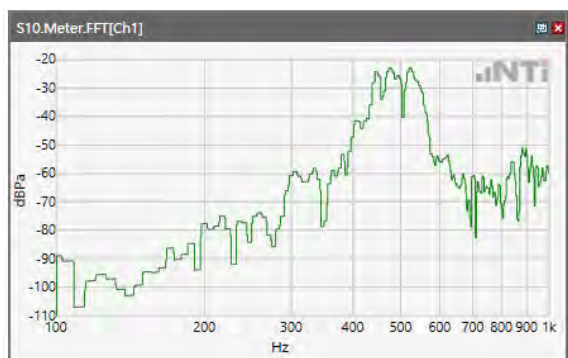
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



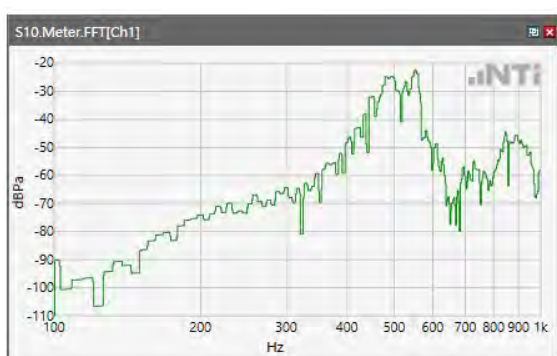
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



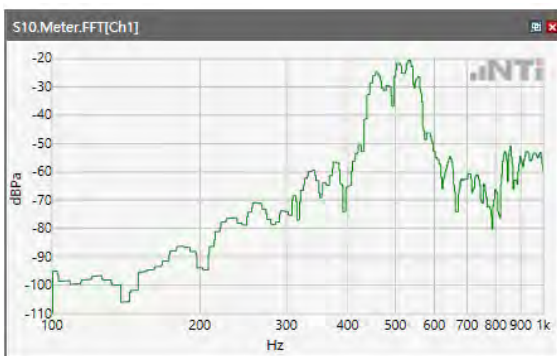
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



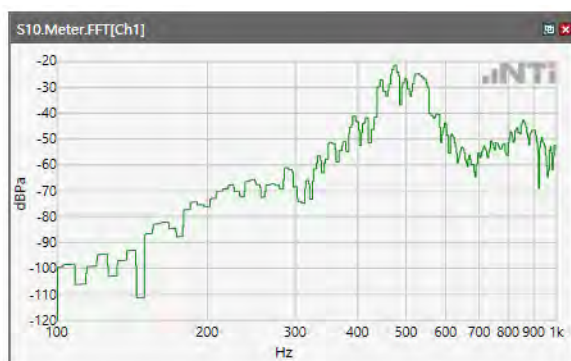
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

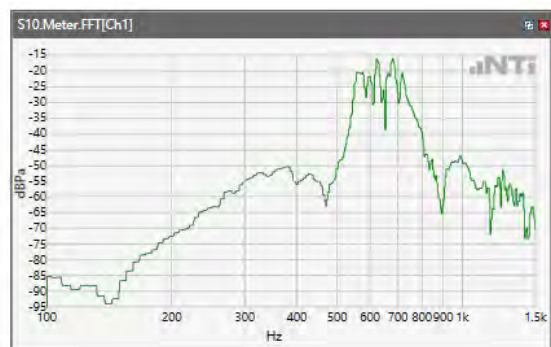


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

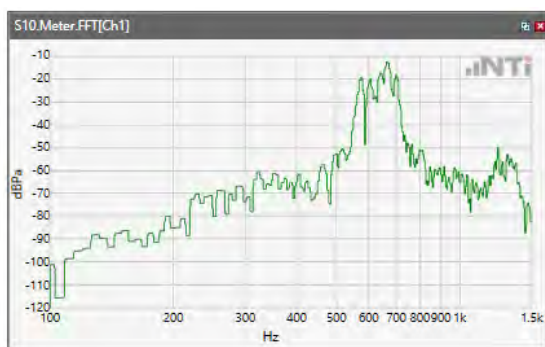


Receive path - distortion and noise 630Hz WB&NB

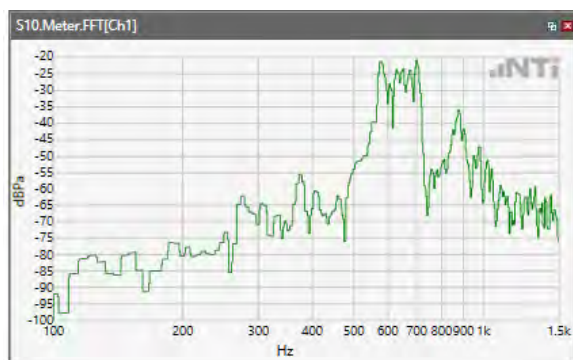
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noiseGSM 850



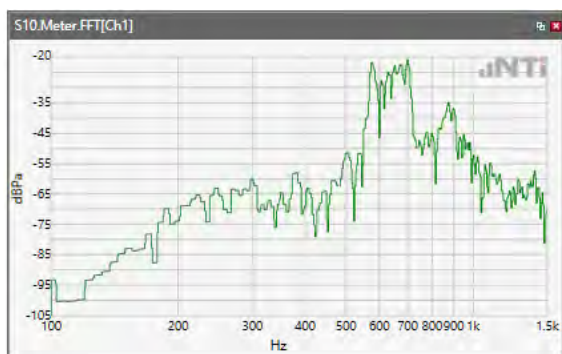
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



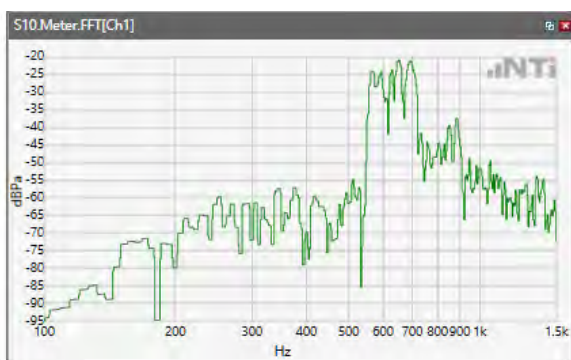
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



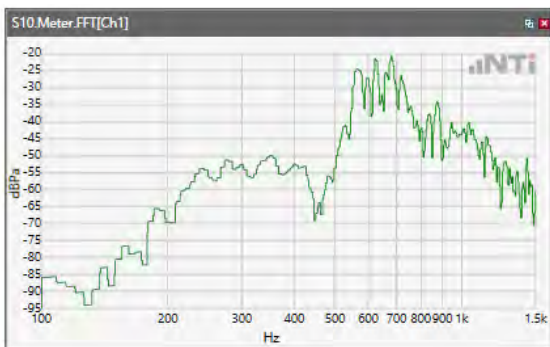
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



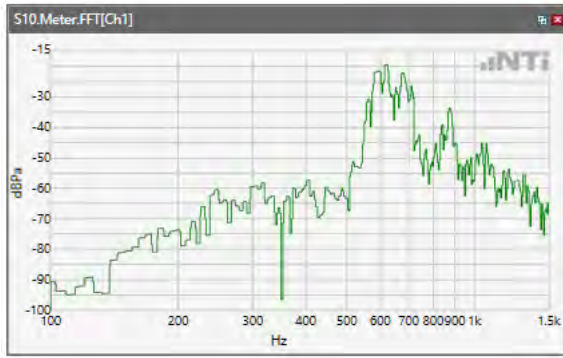
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



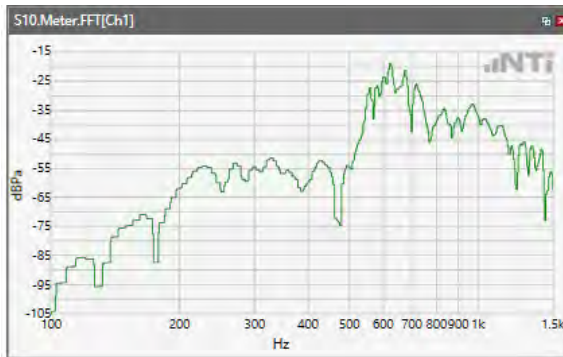
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



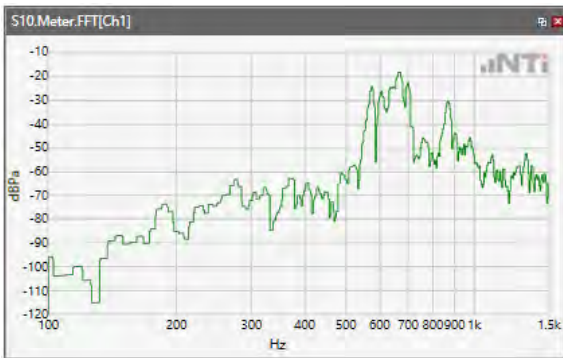
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



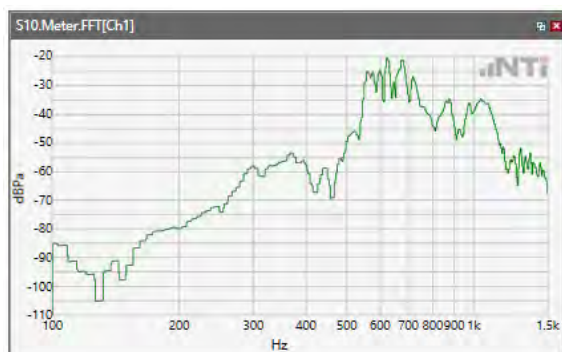
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

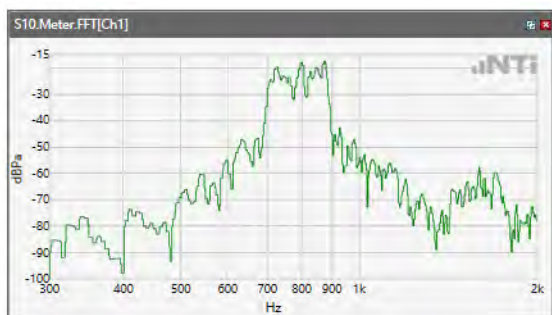


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



Receive path - distortion and noise 800Hz WB&NB

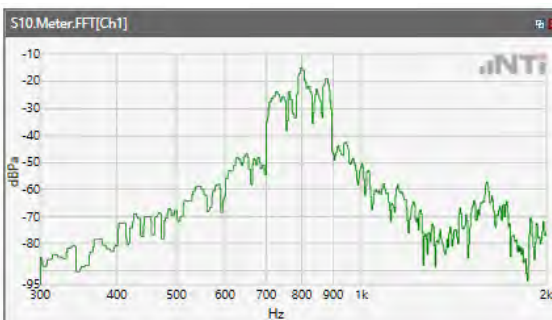
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



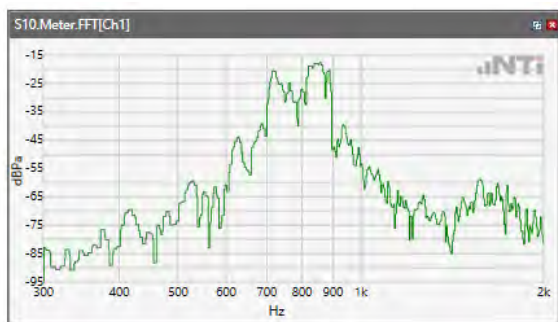
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



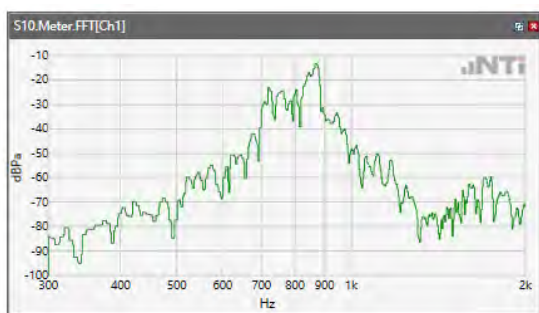
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



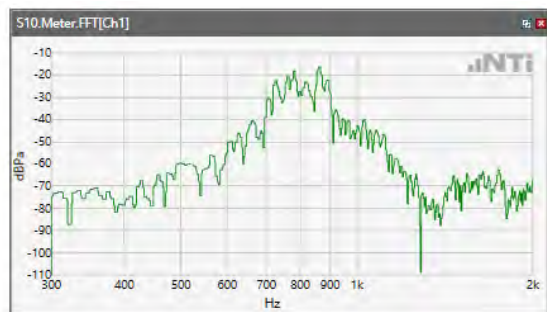
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



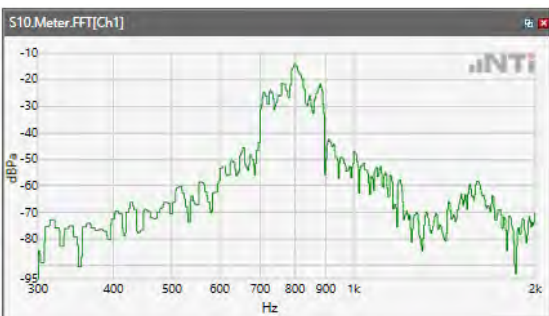
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



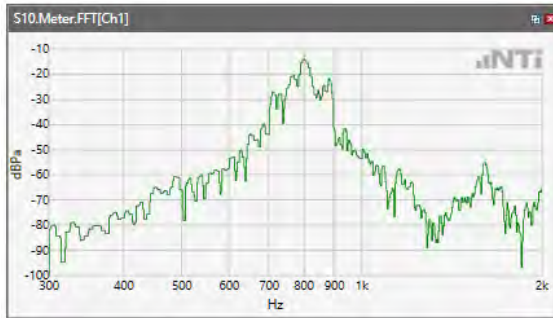
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



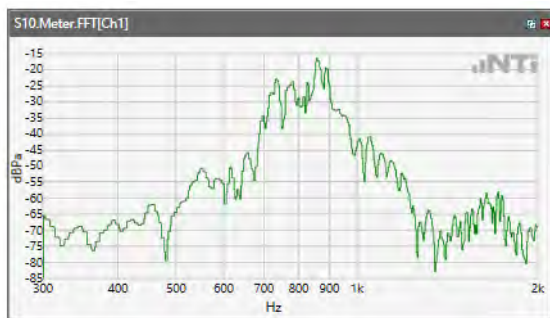
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



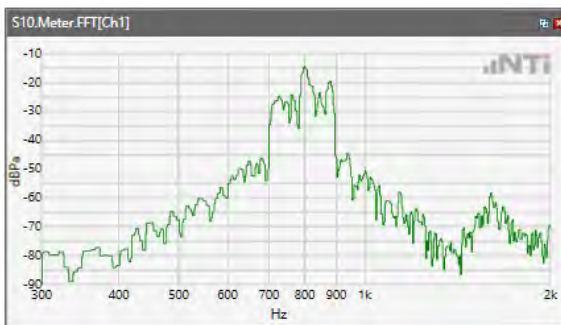
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

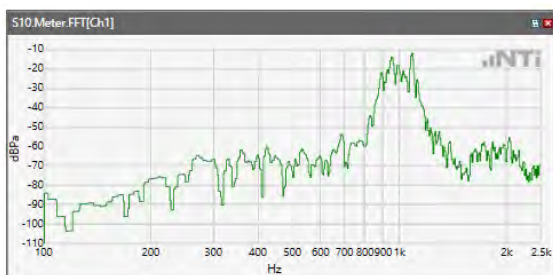


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

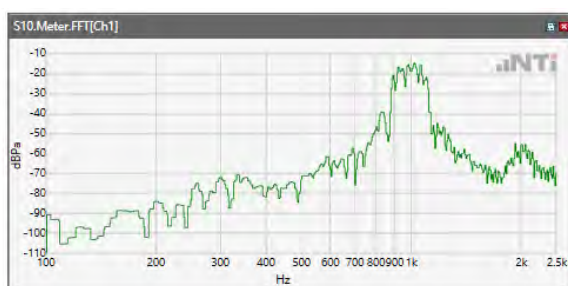


Receive path - distortion and noise 1000Hz WB&NB

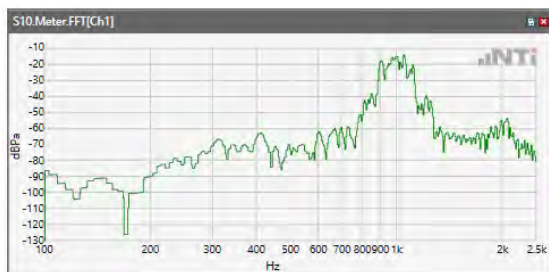
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



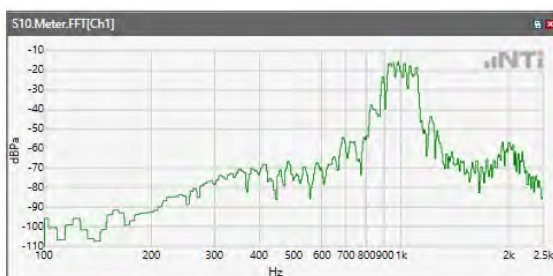
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



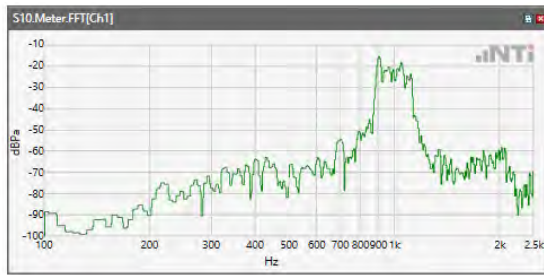
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



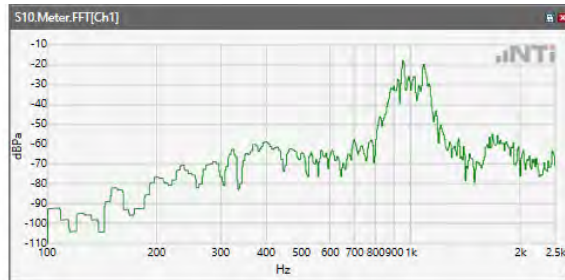
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



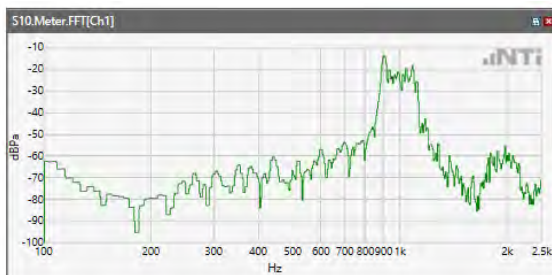
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



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



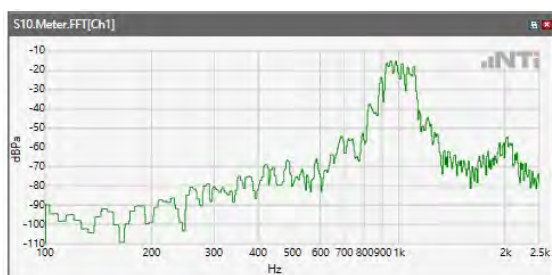
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



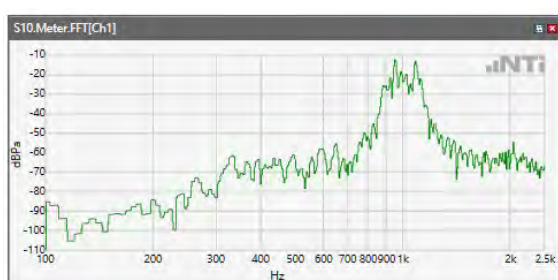
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

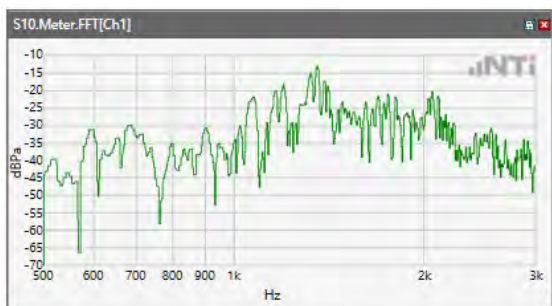


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

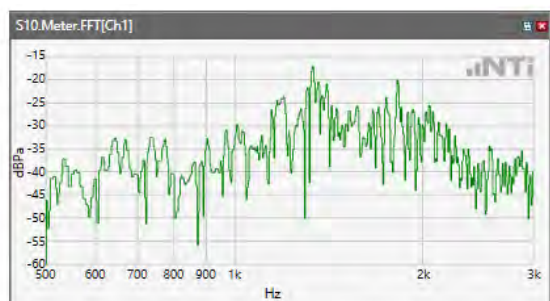


Receive path - distortion and noise 1250Hz WB&NB

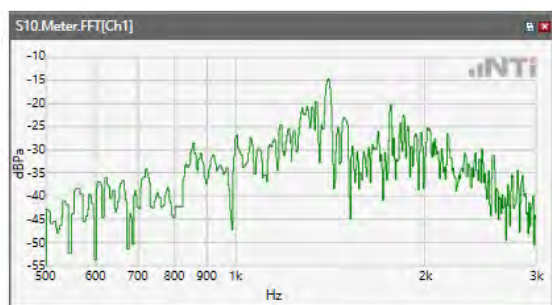
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



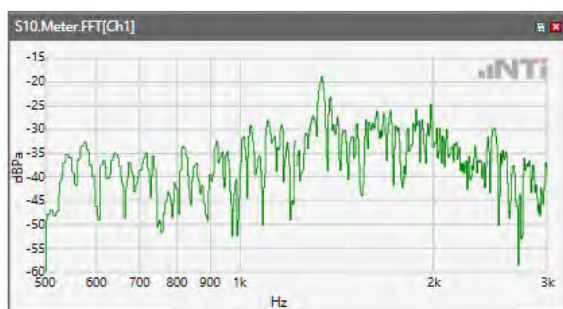
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



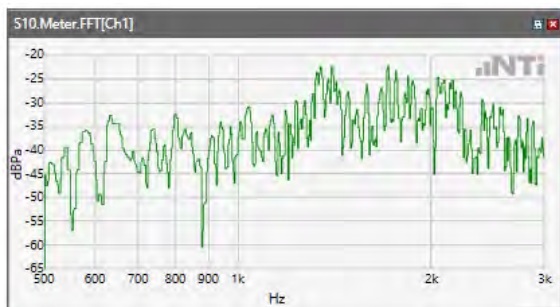
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



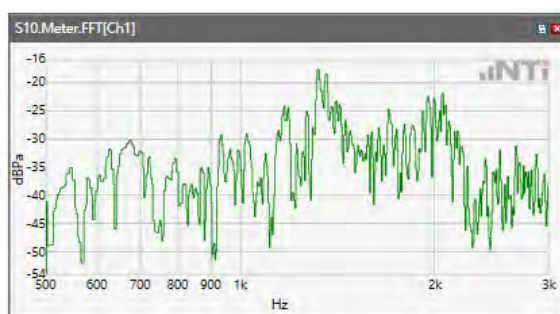
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



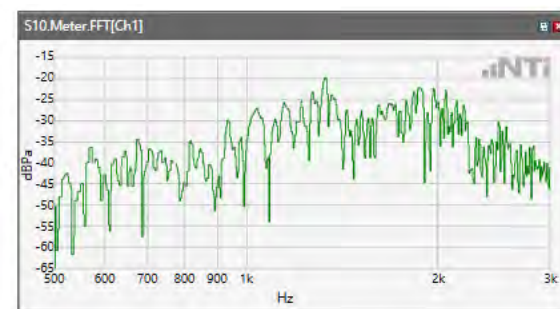
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



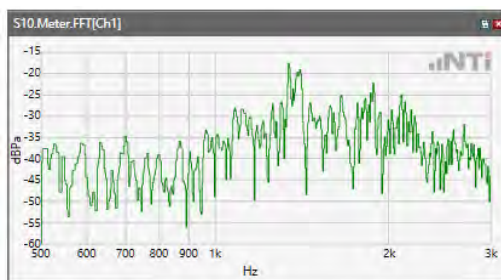
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



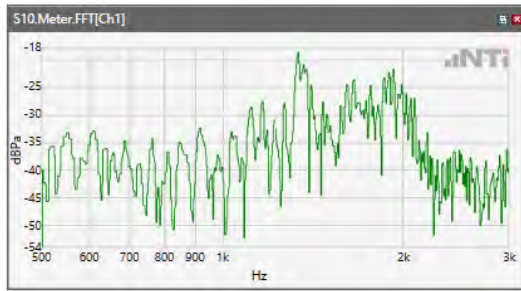
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



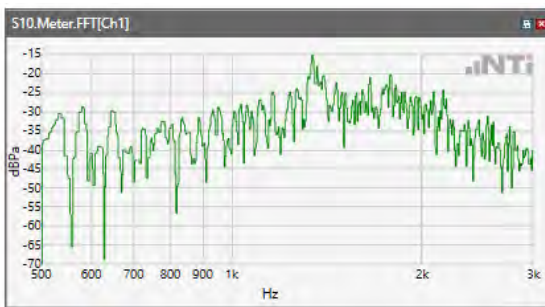
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

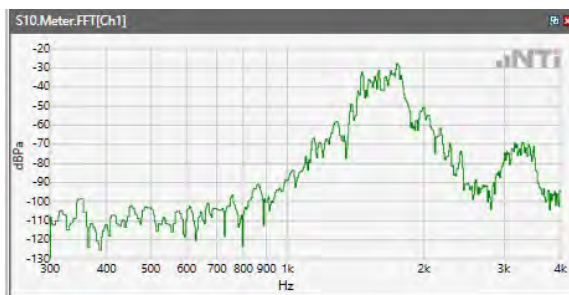


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

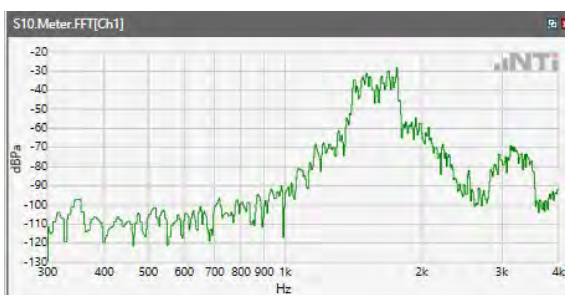


Receive path - distortion and noise 1600Hz WB&NB

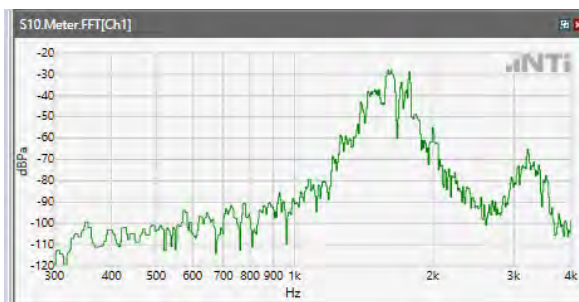
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



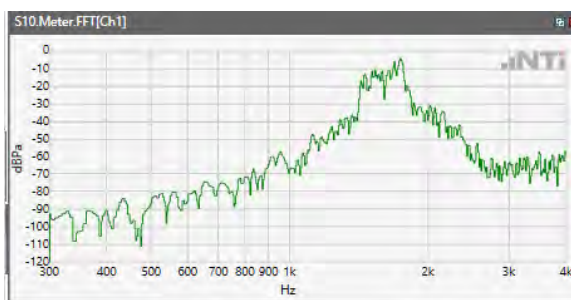
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



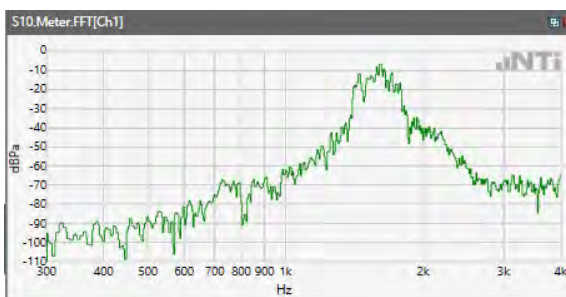
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



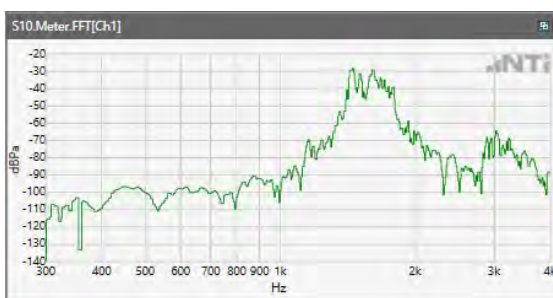
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



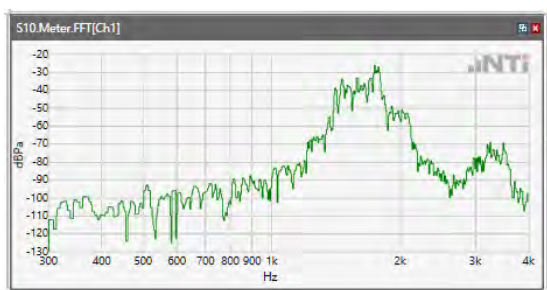
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



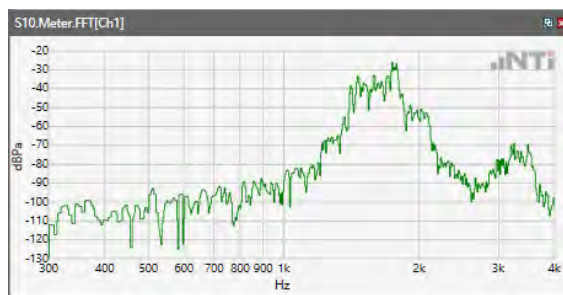
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



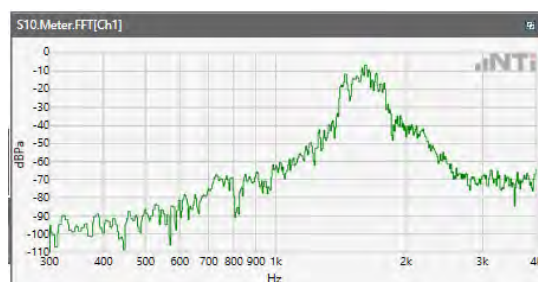
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

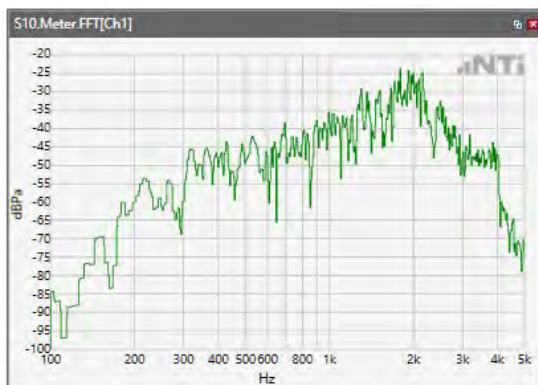


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

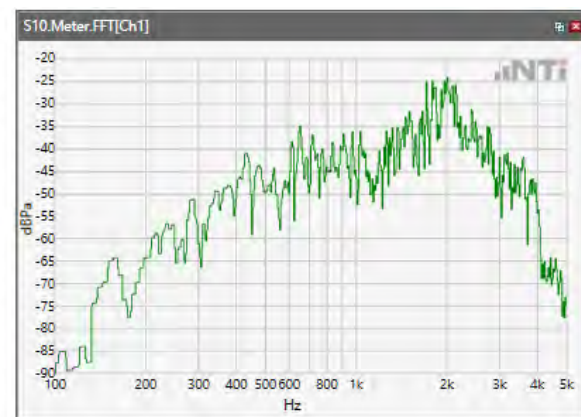


Receive path - distortion and noise 2000Hz WB&NB

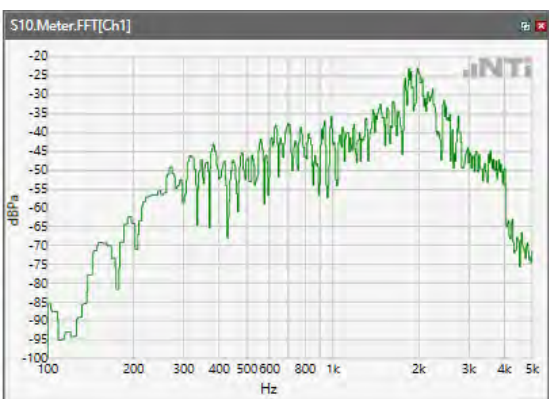
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



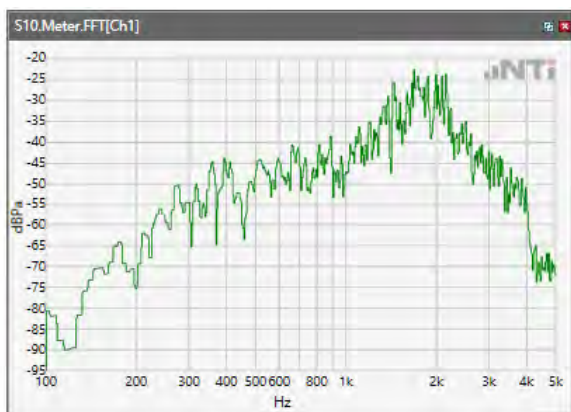
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



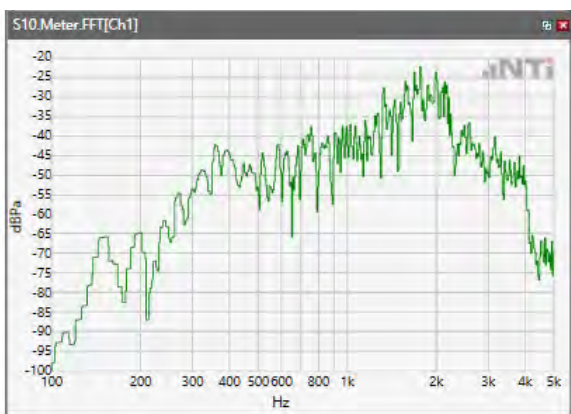
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



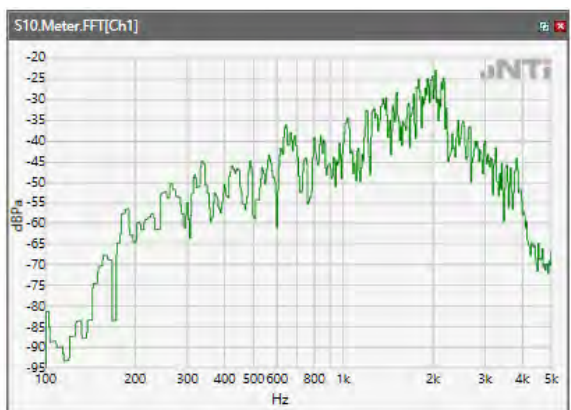
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



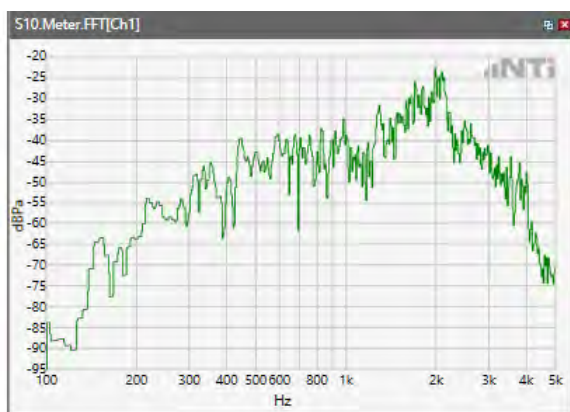
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



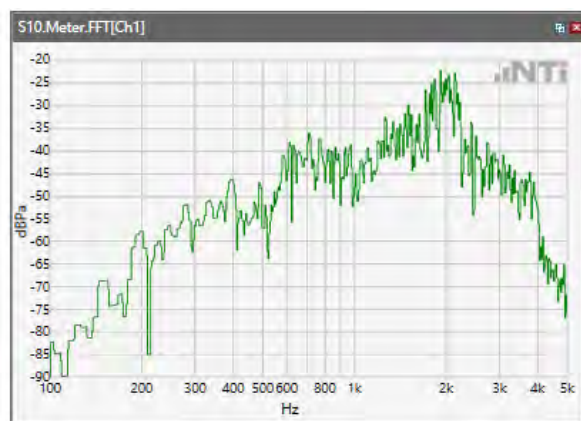
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



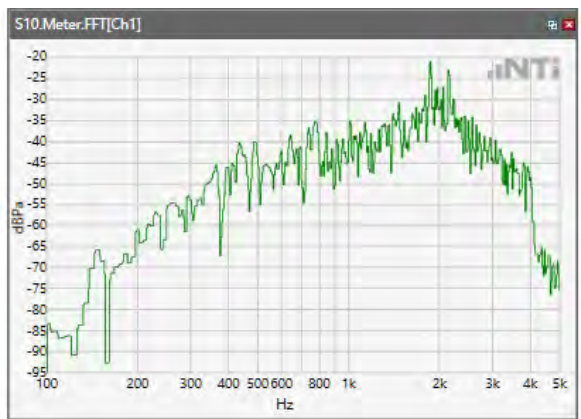
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



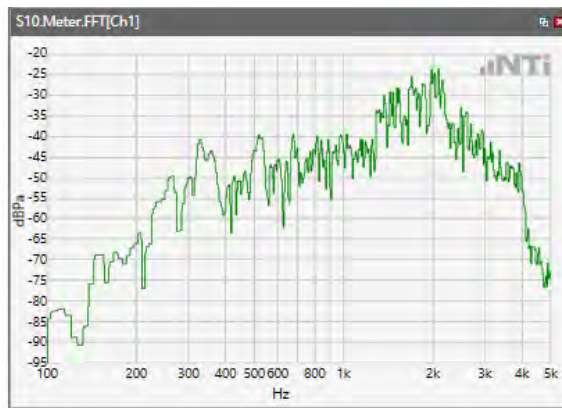
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

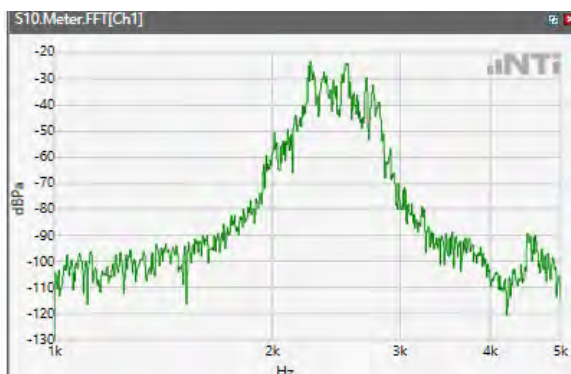


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band
7

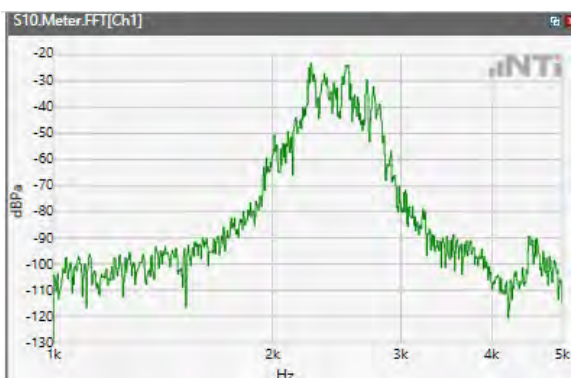


Receive path - distortion and noise 2500Hz WB&NB

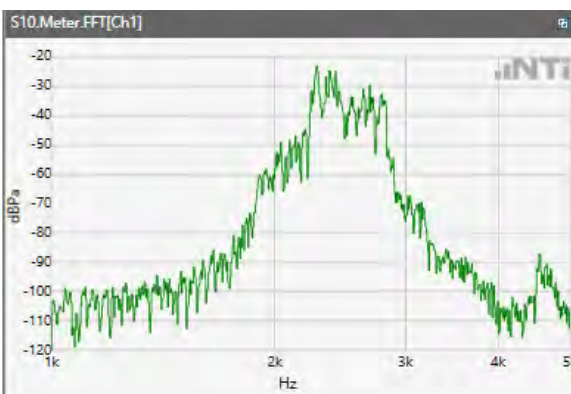
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



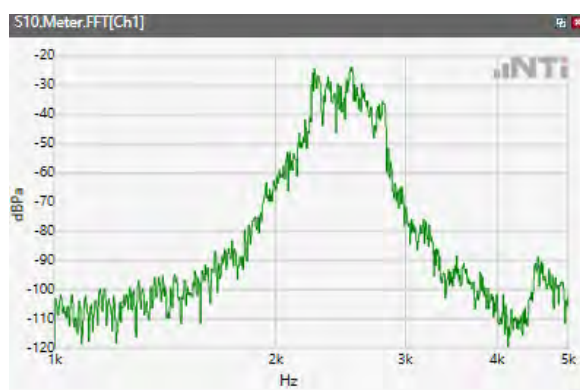
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



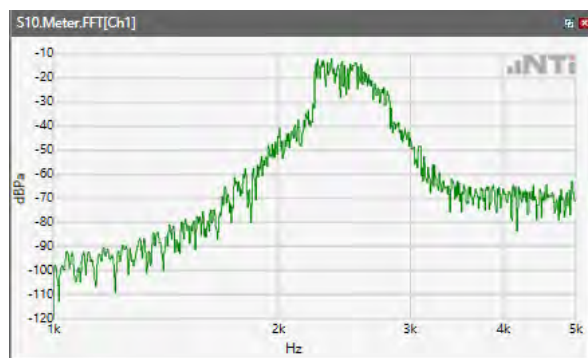
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



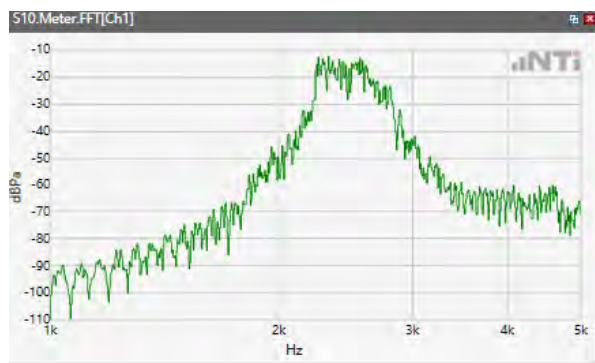
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



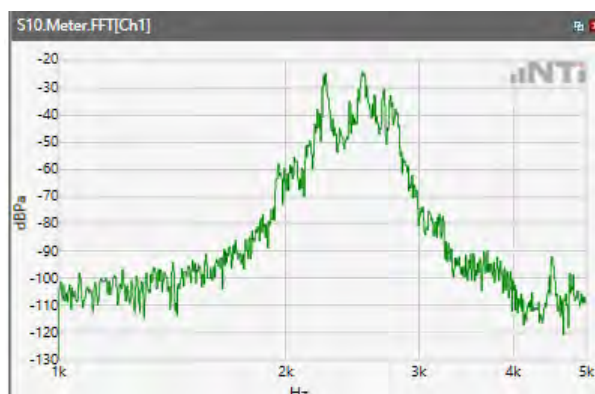
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



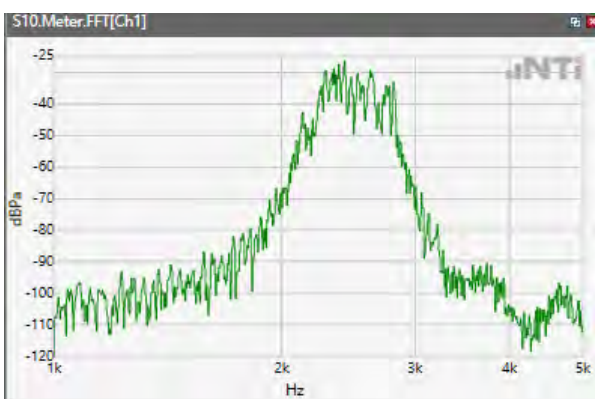
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



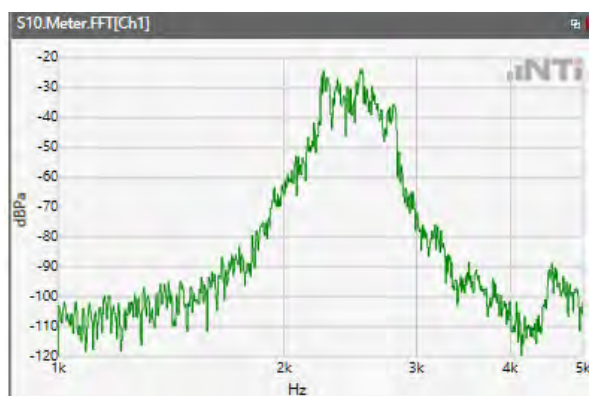
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



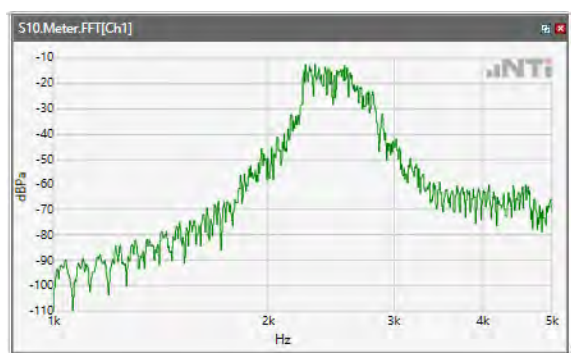
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

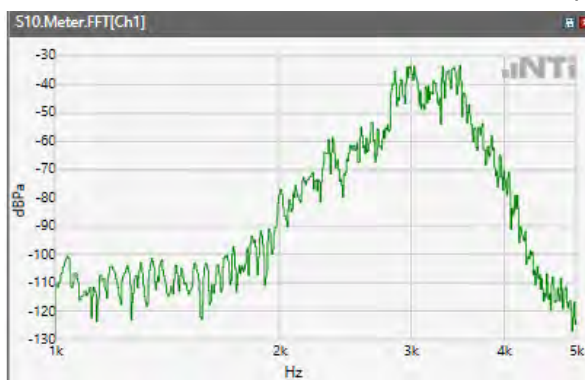


ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

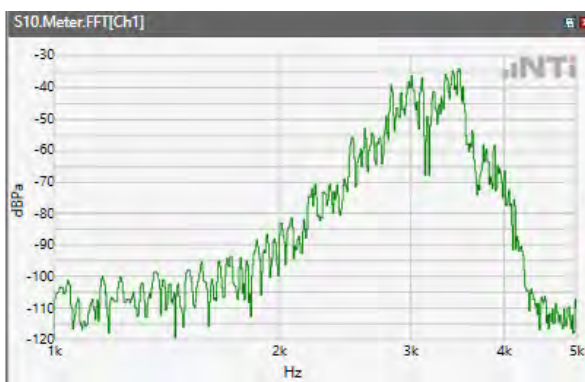


Receive path - distortion and noise 3150Hz WB&NB

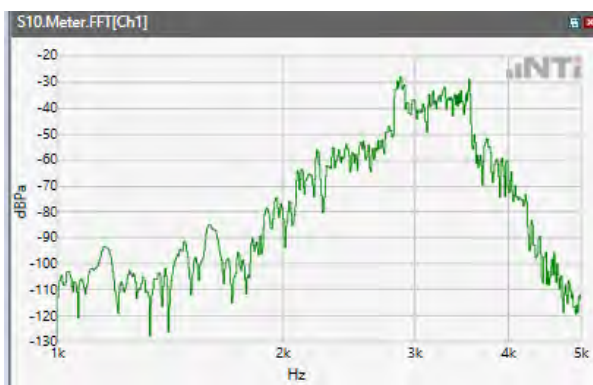
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



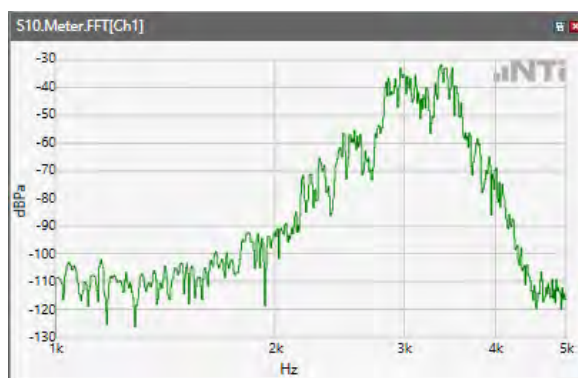
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



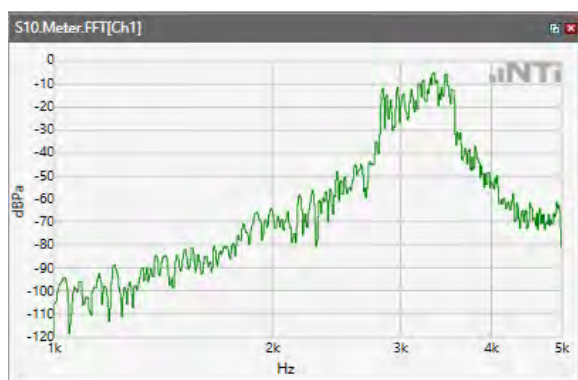
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



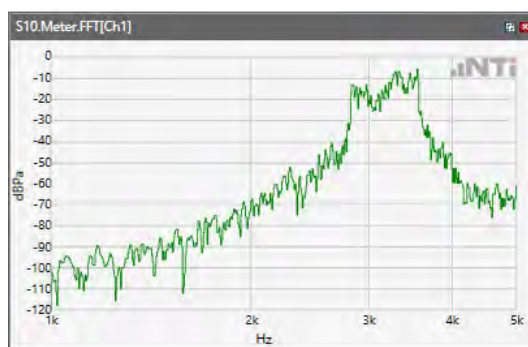
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



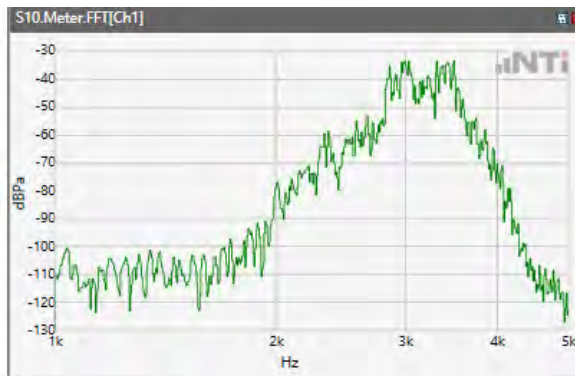
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



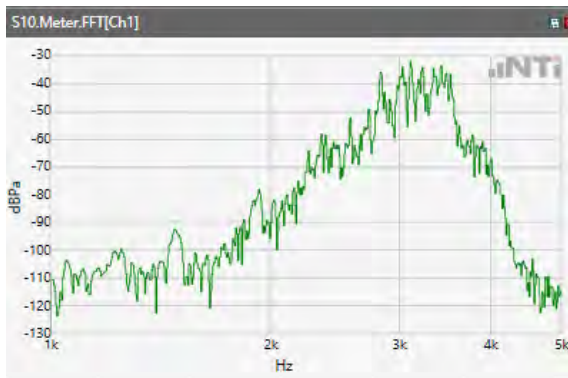
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



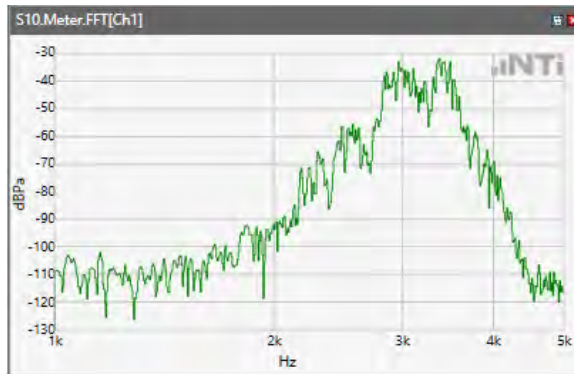
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



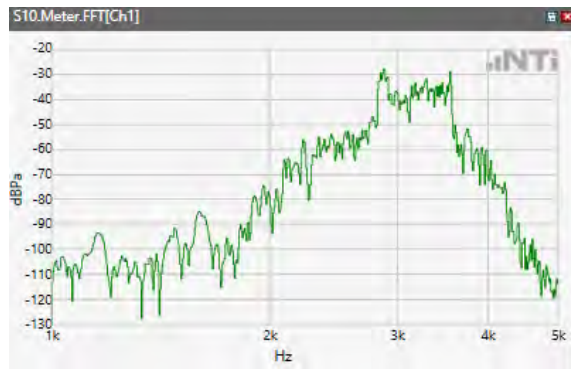
ANSI/TIA 5050-2018 \ 8N HAC OFF \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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



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

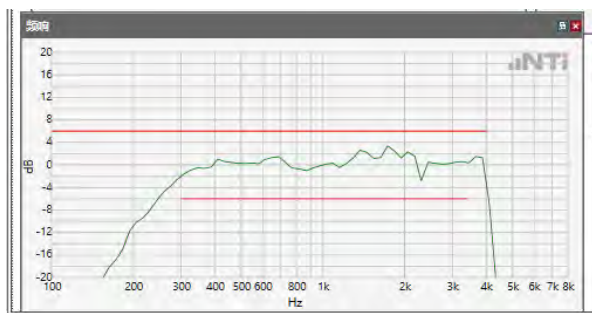


5.2 Receive path – distortion and noise

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

5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

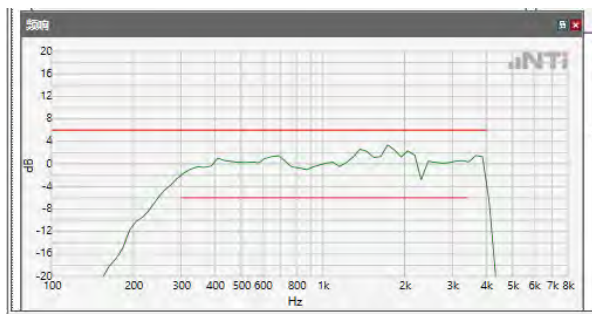
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

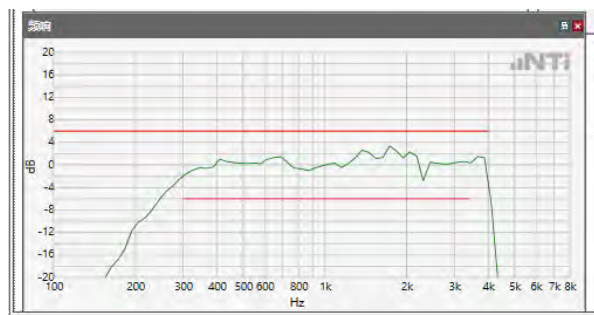
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

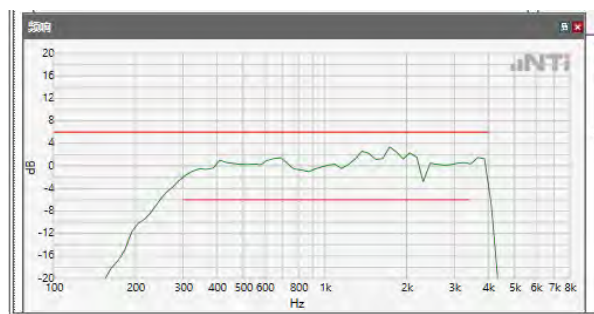
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

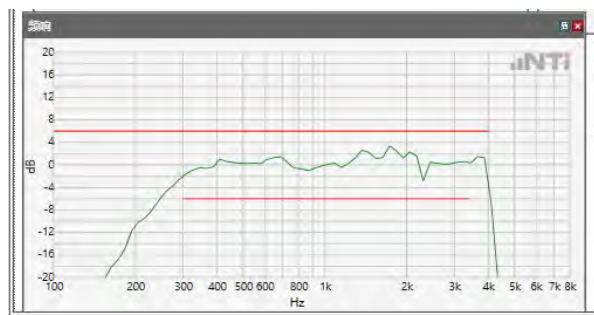
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

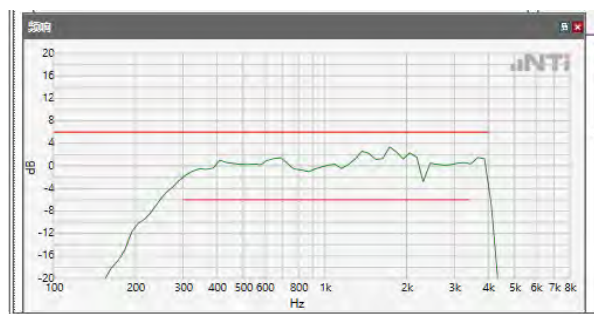
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

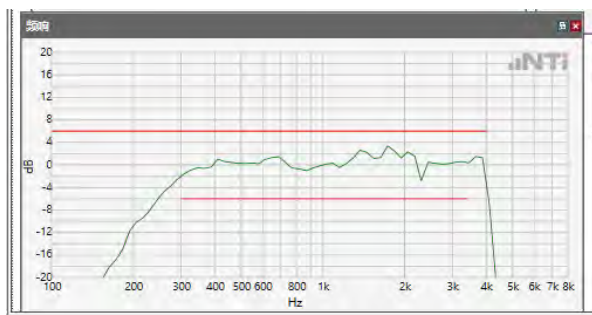
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

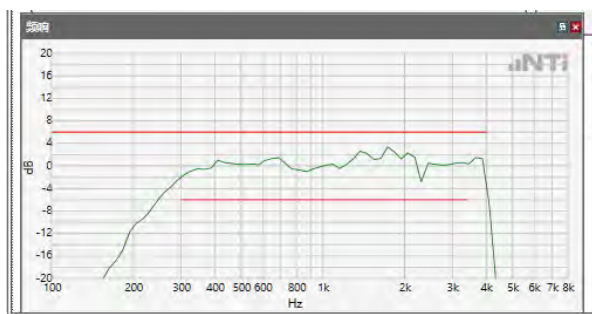
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

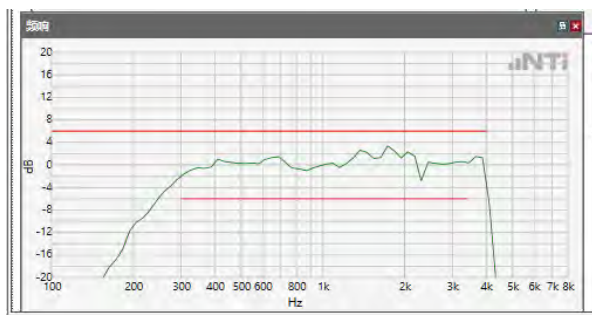
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

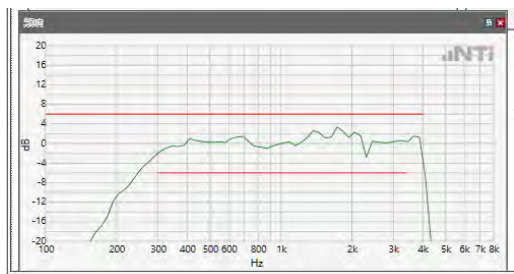
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

OK

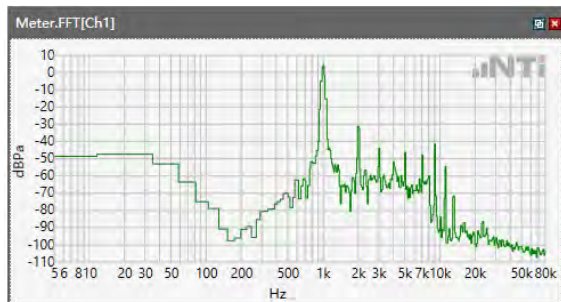
OK

Limits

	lower
Run 1	Fit into tolerance

5.1 Receive Volume Control Performance 8N---WB

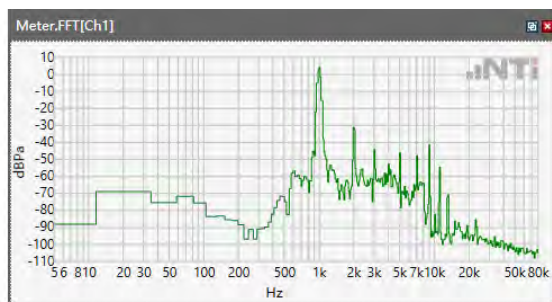
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ GSM 850



Speech Level RCV: 95.42 dB[SPL]

Calculated Value: 25.42 dB Ok

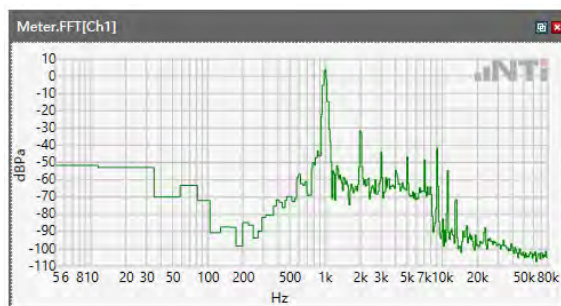
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ GSM 1900



Speech Level RCV: 94.61 dB[SPL]

Calculated Value: 24.61 dB Ok

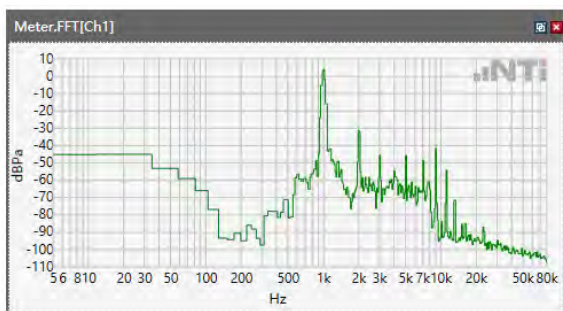
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ WCDMA II



Speech Level RCV: 95.36 dB[SPL]

Calculated Value: 25.36 dB Ok

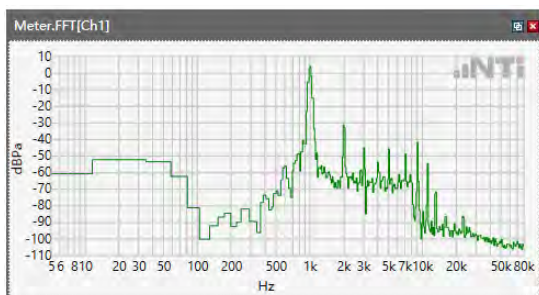
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ WCDMA V



Speech Level RCV: 95.57 dB[SPL]

Calculated Value: 25.57 dB Ok

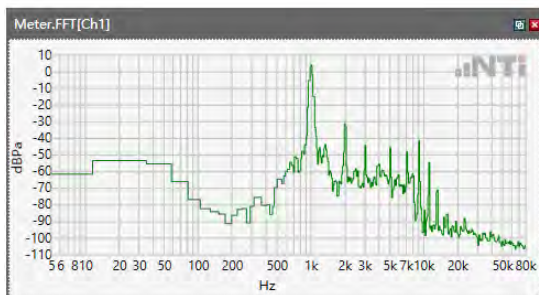
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 2



Speech Level RCV: 89.55 dB[SPL]

Calculated Value: 19.55 dB Ok

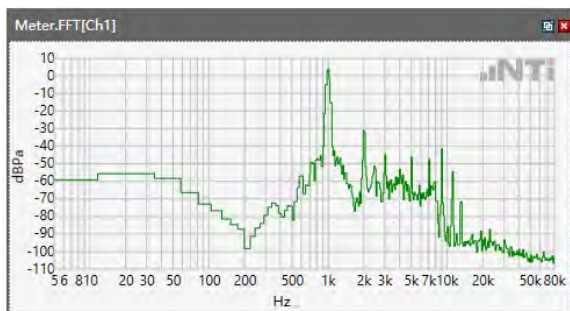
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 5



Speech Level RCV: 95.26 dB[SPL]

Calculated Value: 25.26 dB Ok

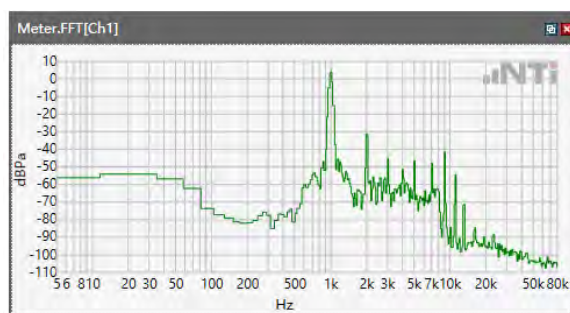
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 12



Speech Level RCV: 95.58 dB[SPL]

Calculated Value: 25.58 dB Ok

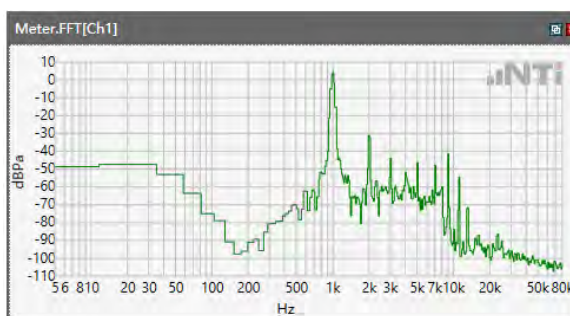
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 66



Speech Level RCV: 93.53 dB[SPL]

Calculated Value: 23.53 dB Ok

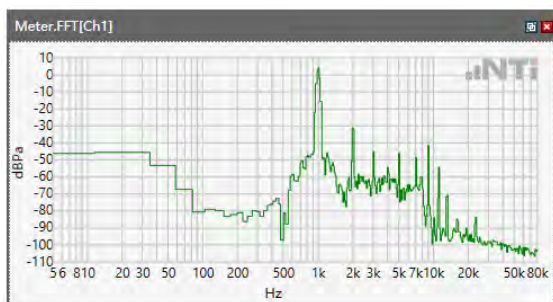
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE BAND 71



Speech Level RCV: 94.01 dB[SPL]

Calculated Value: 24.01 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \LTE Band 7



Speech Level RCV: 93.6 dB[SPL]

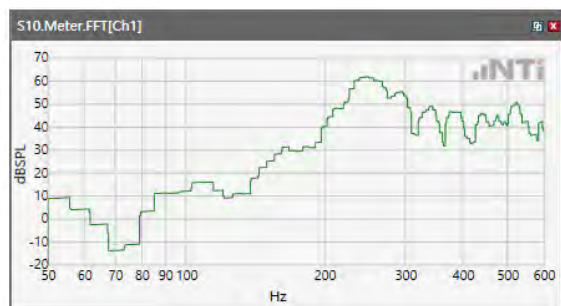
Calculated Value: 23.6 dB Ok

Receive path - distortion and noise 250 WB only

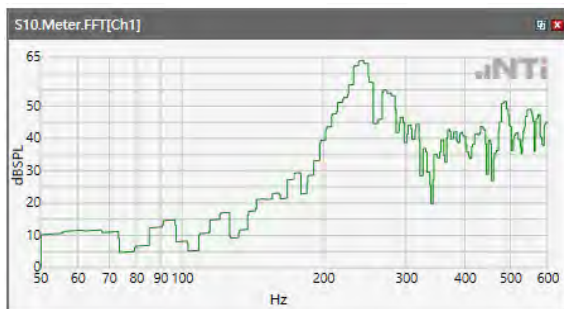
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



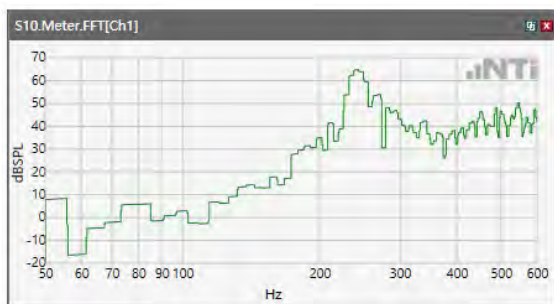
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



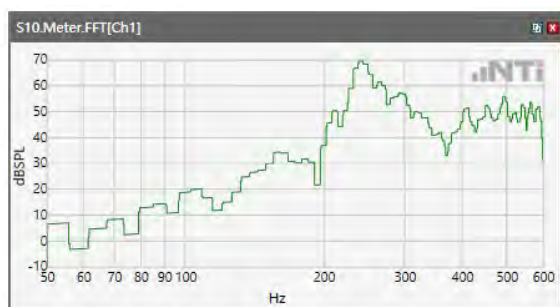
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



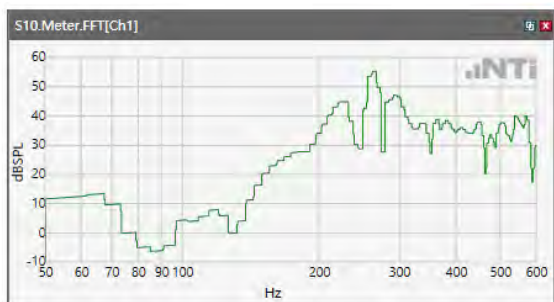
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



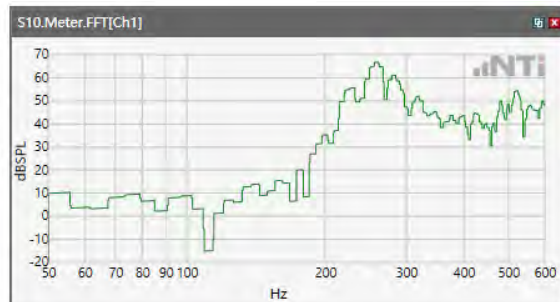
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



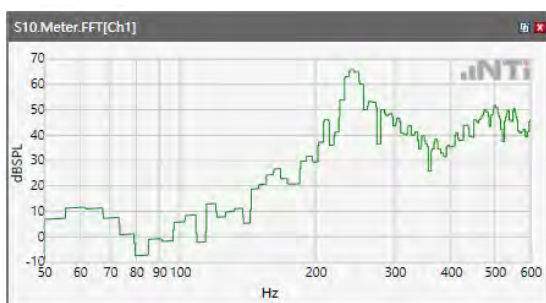
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



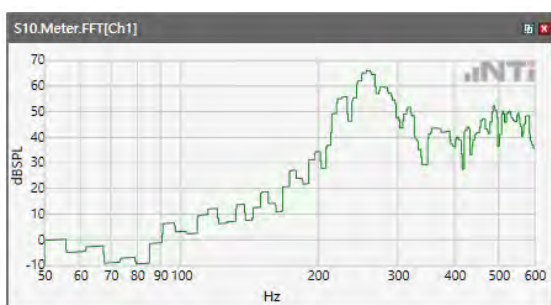
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



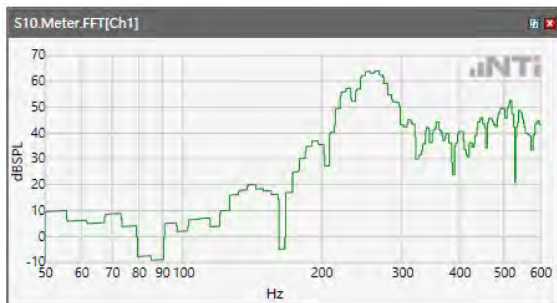
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

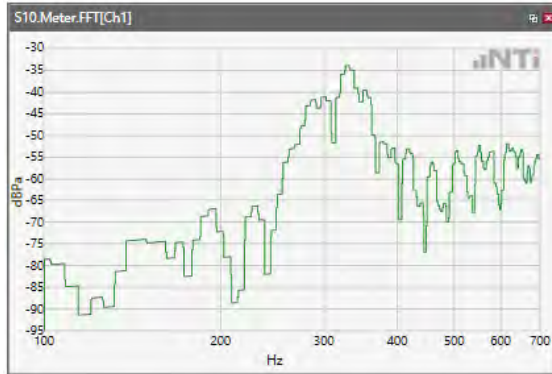


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

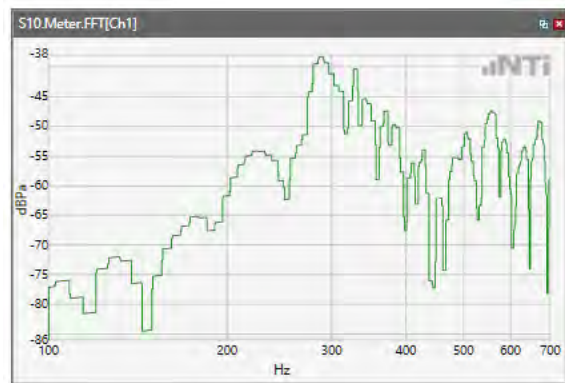


Receive path - distortion and noise 315Hz WB only

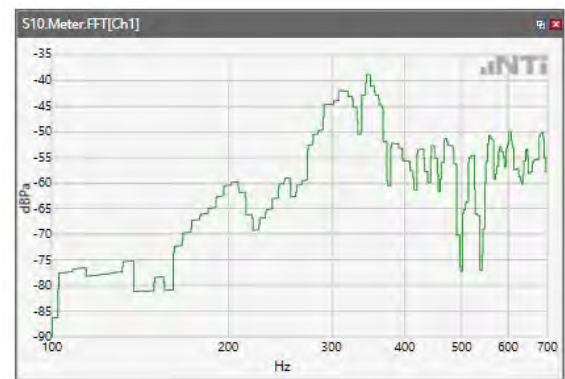
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 850



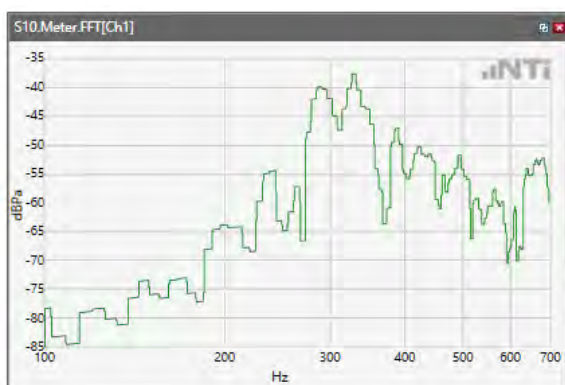
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 1900



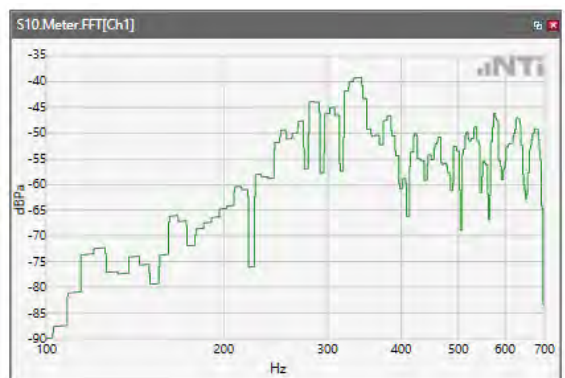
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\WCDMA II



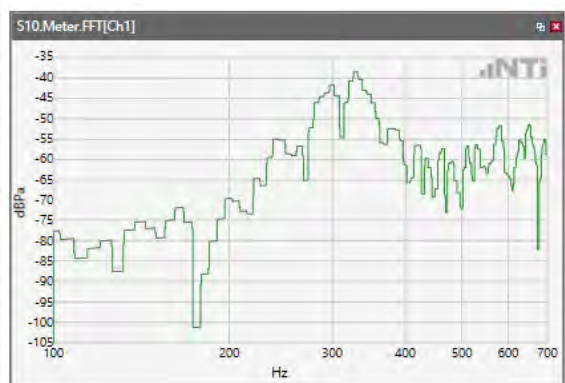
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCMDA V



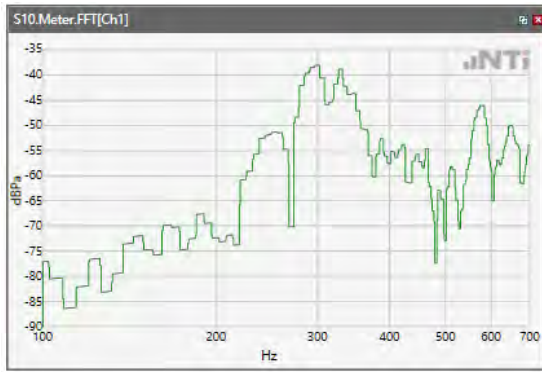
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



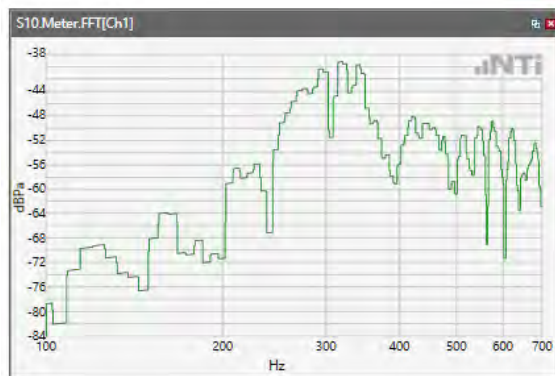
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



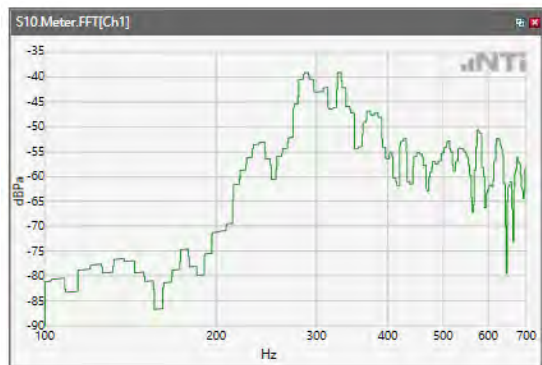
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



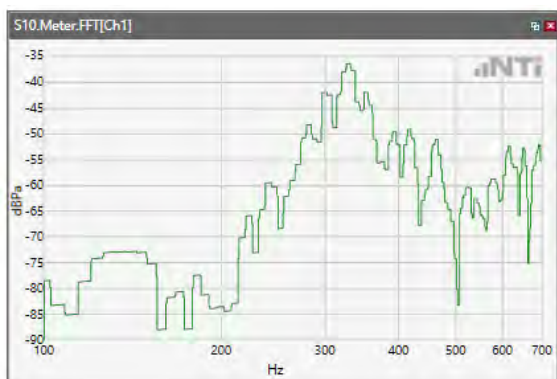
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

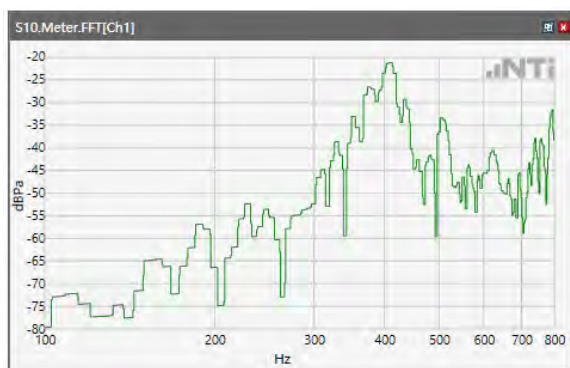


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

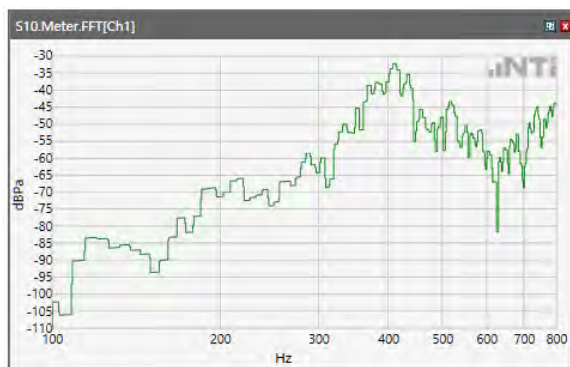


Receive path - distortion and noise 400Hz WB&NB

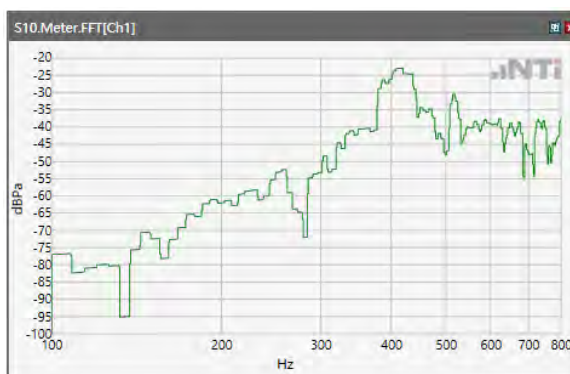
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



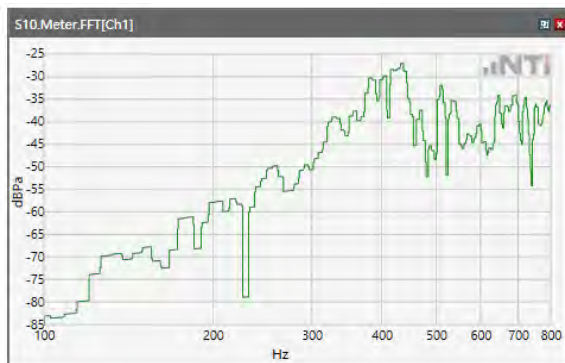
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



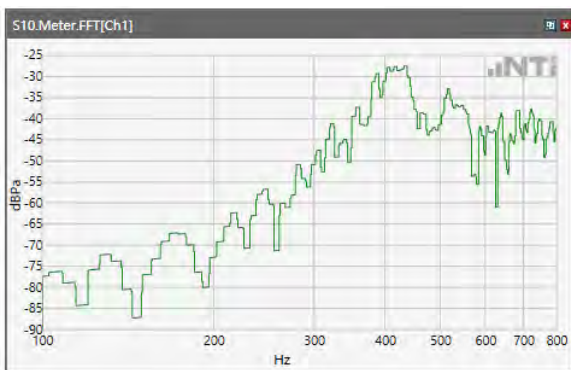
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



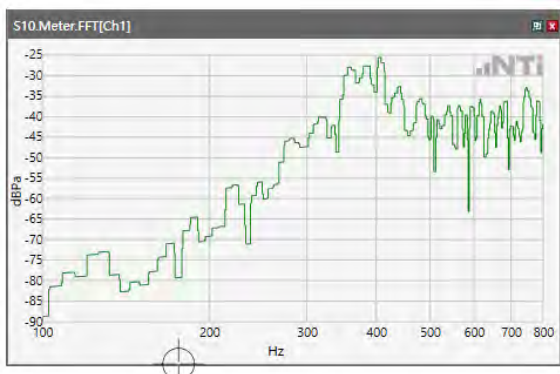
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



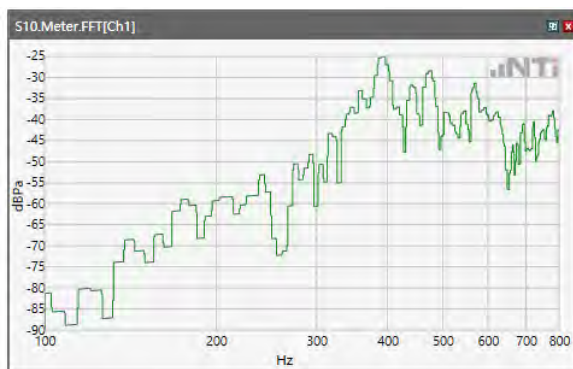
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



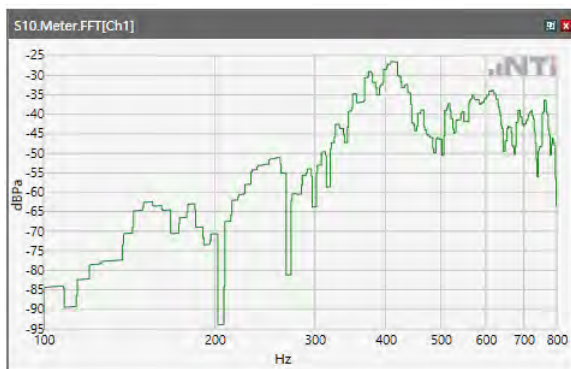
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



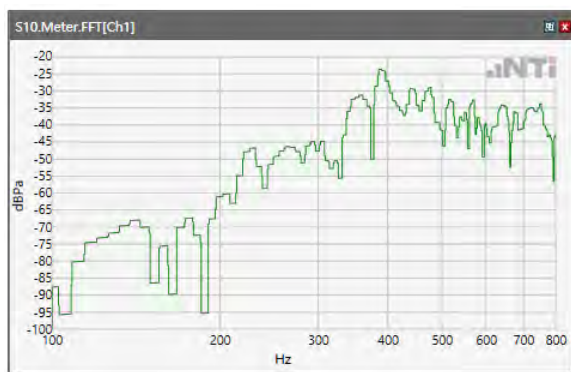
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



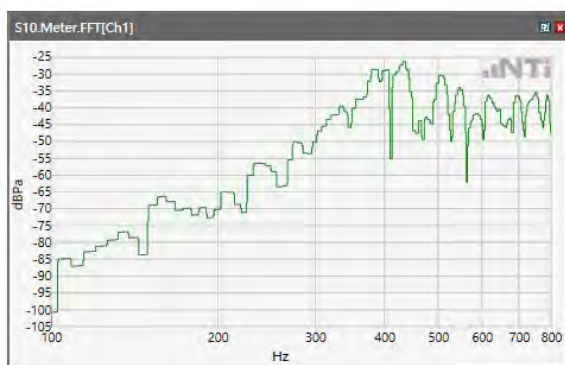
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

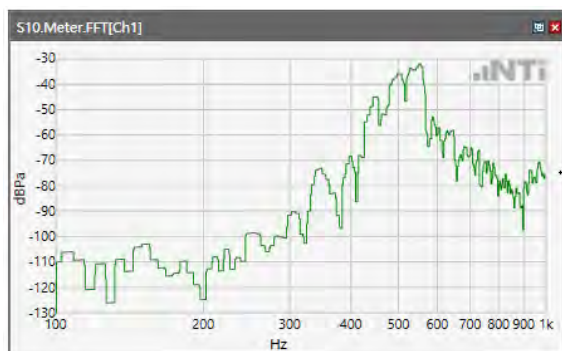


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

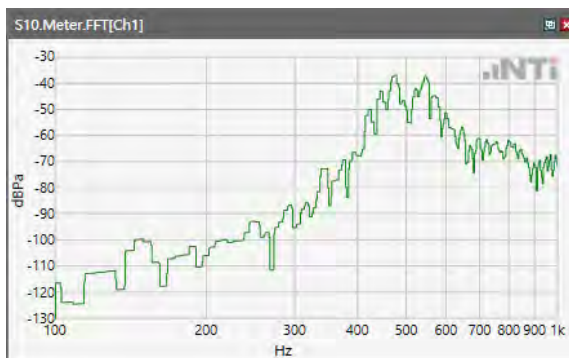


Receive path - distortion and noise 500Hz WB&NB

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



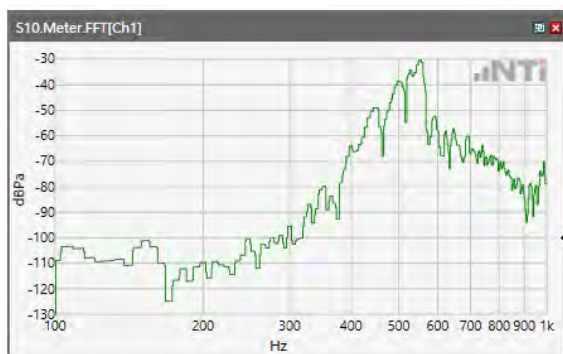
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



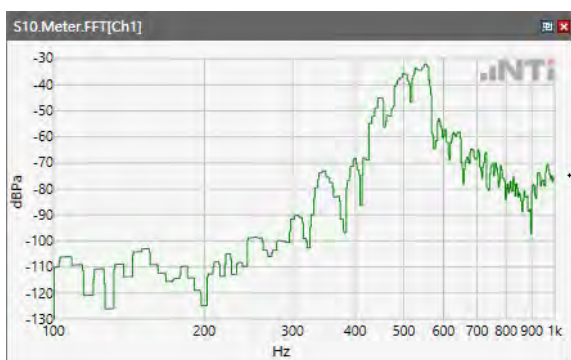
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



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



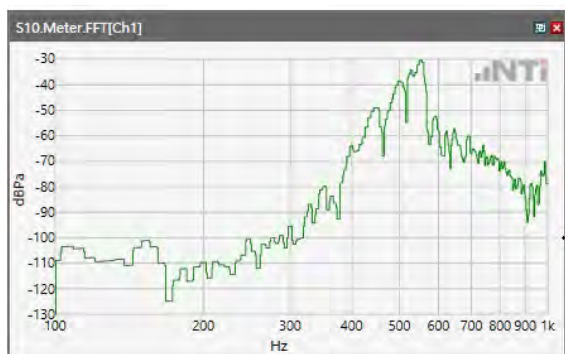
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



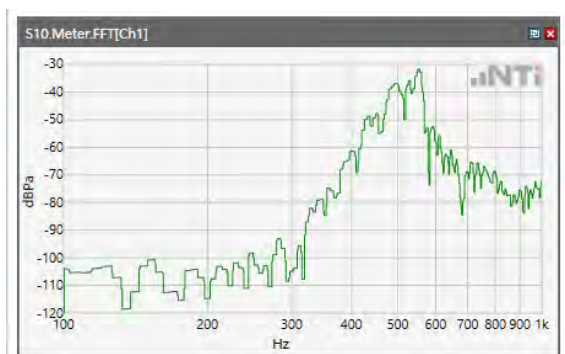
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



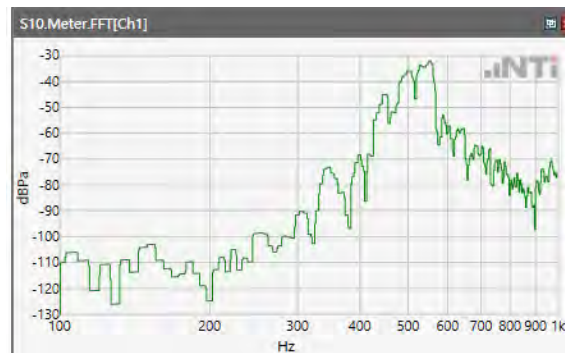
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



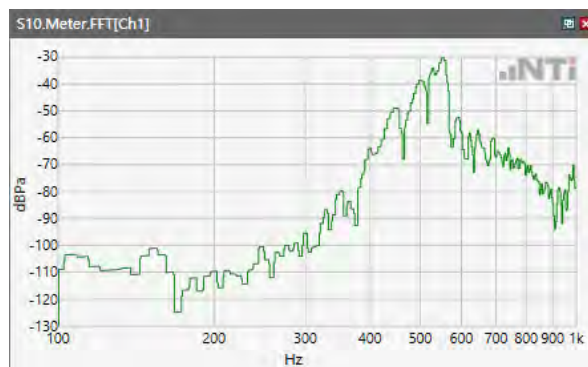
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

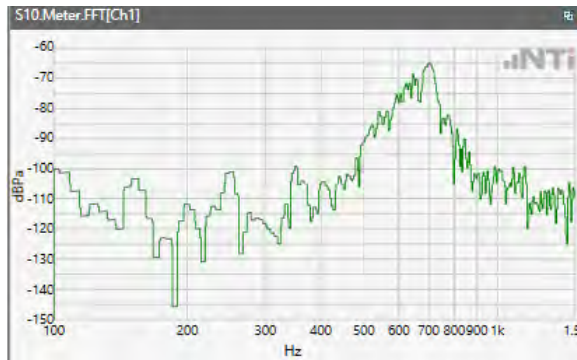


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE
Band 7

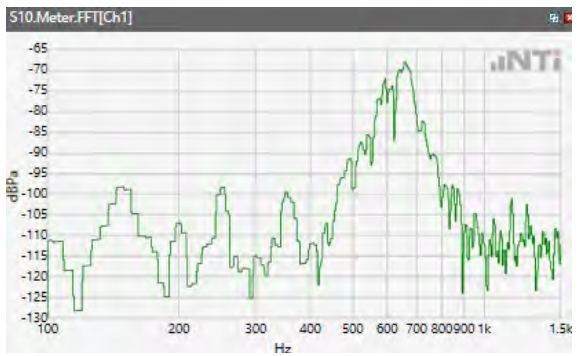


Receive path - distortion and noise 630Hz WB&NB

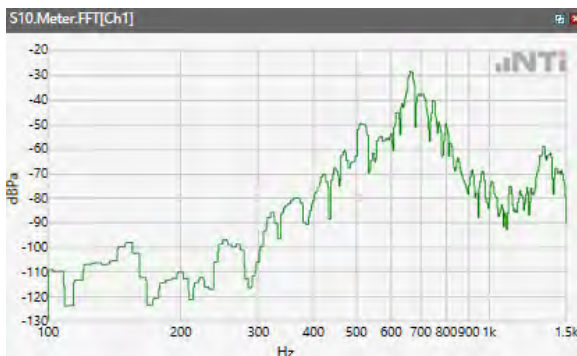
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



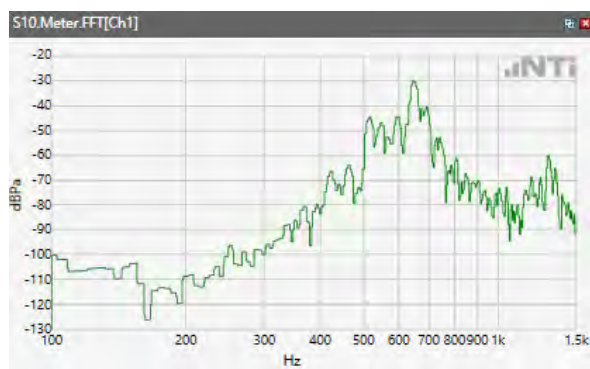
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



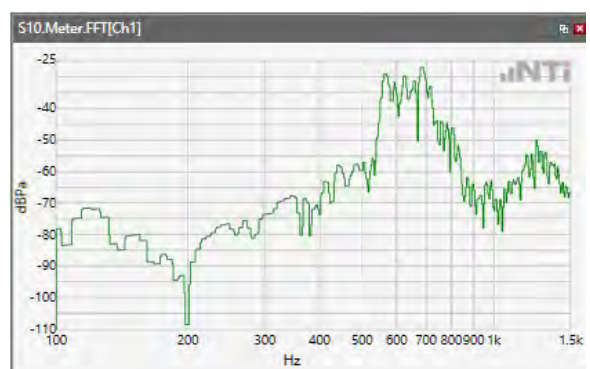
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



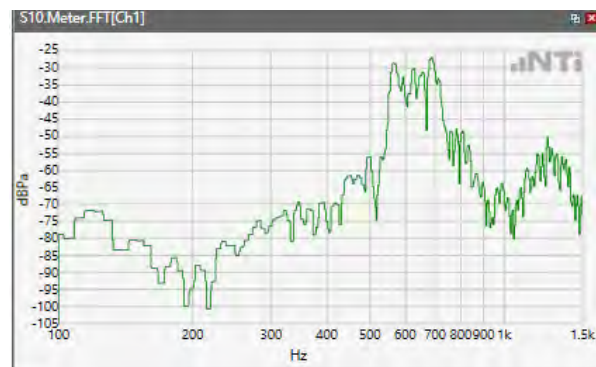
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



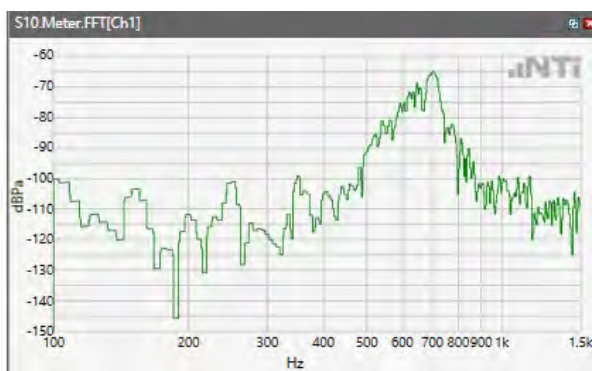
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



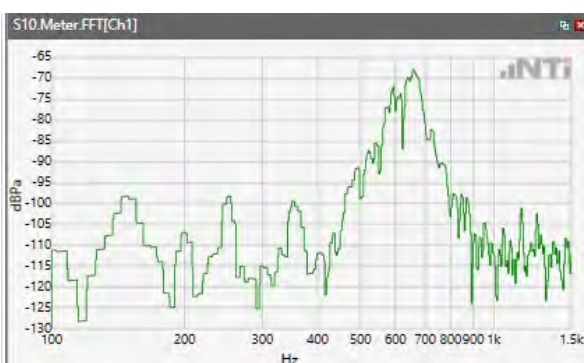
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



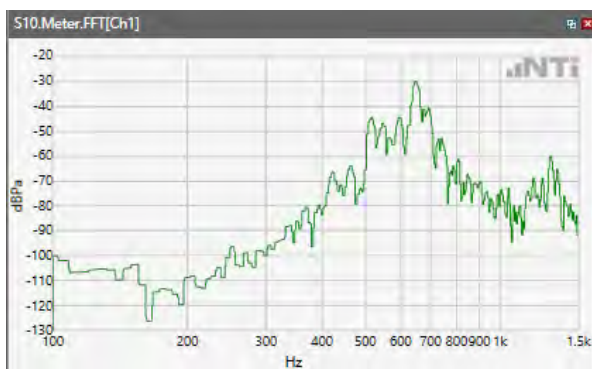
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



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



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

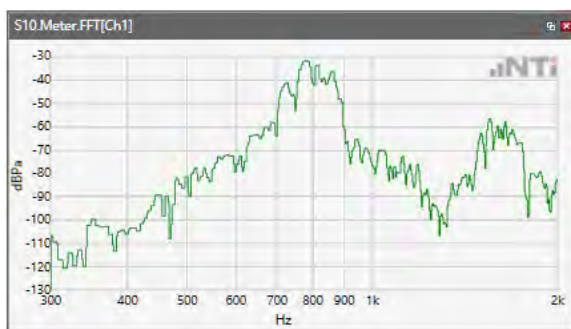


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

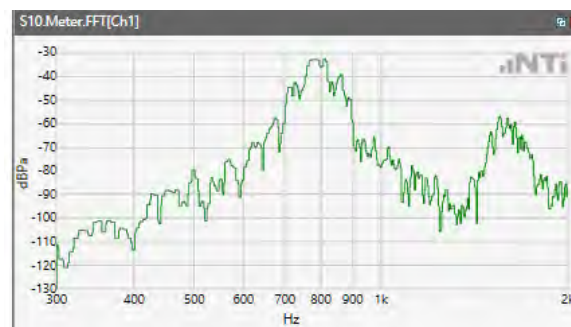


Receive path - distortion and noise 800Hz WB&NB

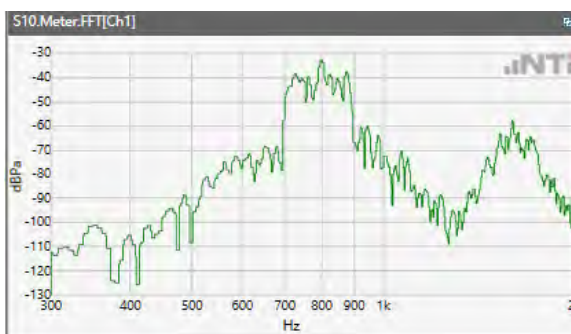
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



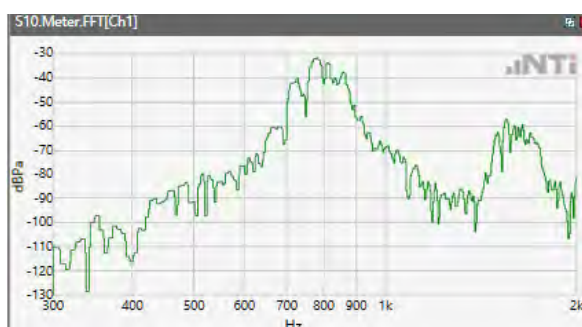
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



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



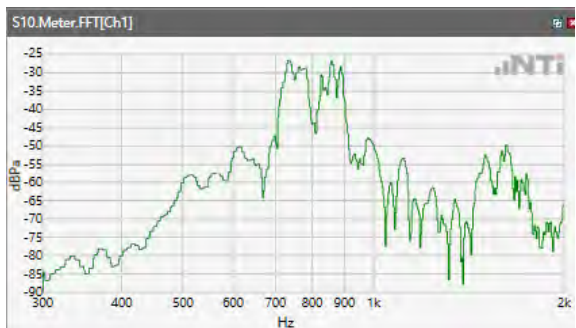
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



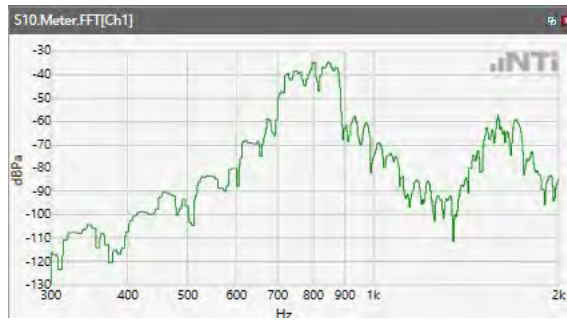
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



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



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



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

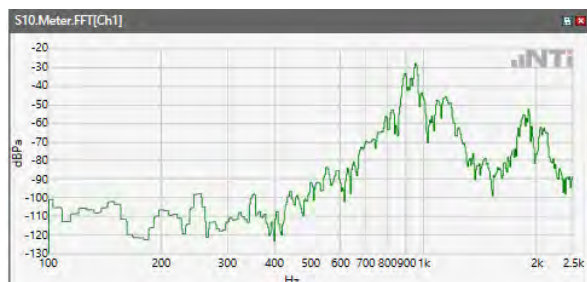


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

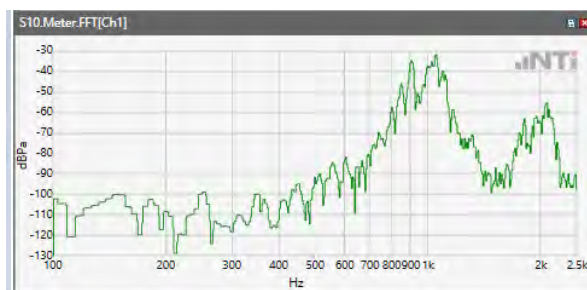


Receive path - distortion and noise 1000Hz WB&NB

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



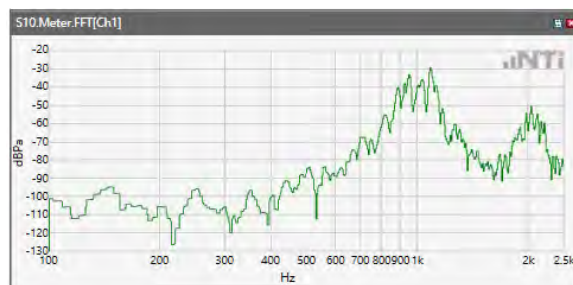
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



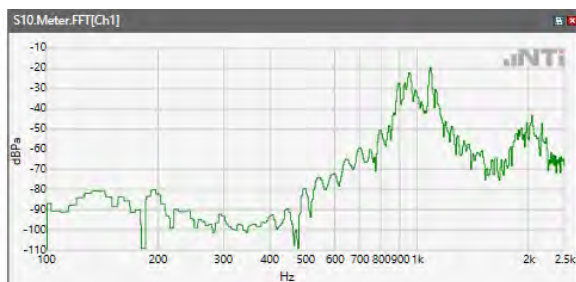
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



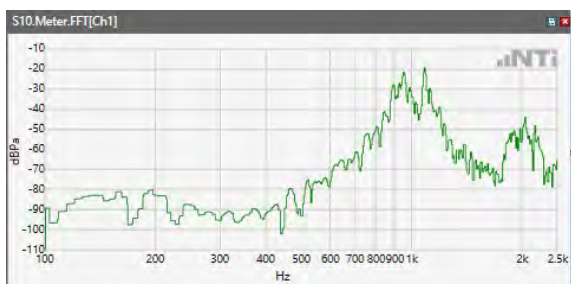
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA V



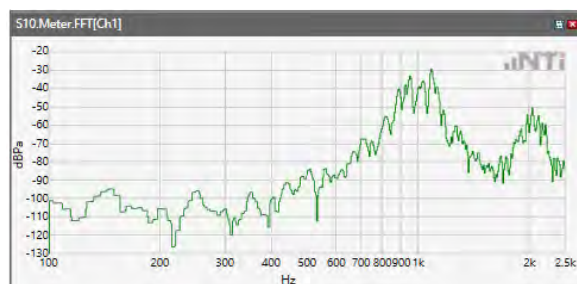
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



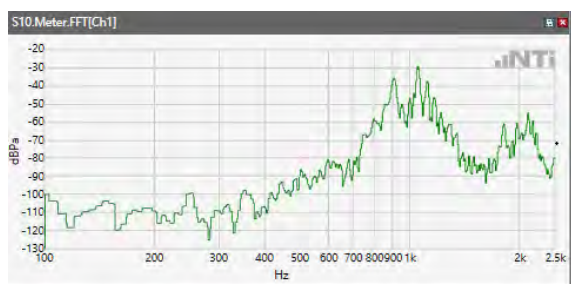
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



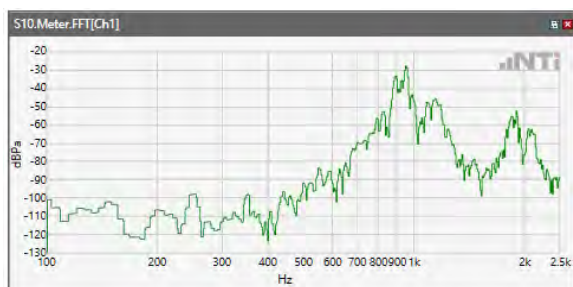
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

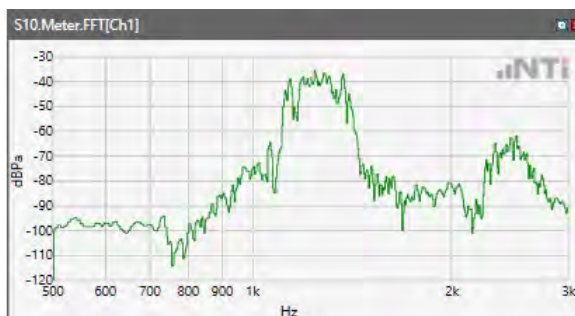


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



Receive path - distortion and noise 1250Hz WB&NB

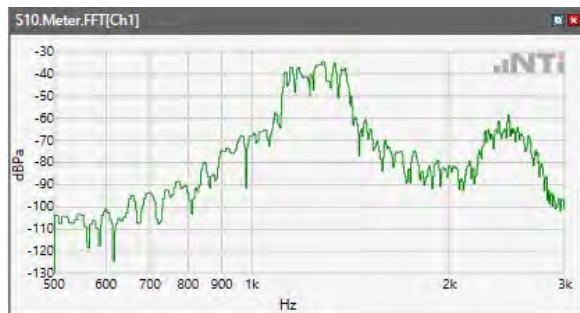
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



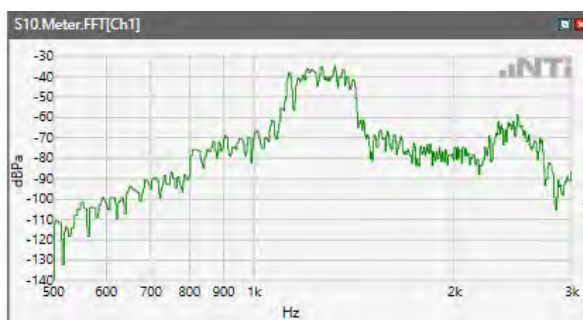
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



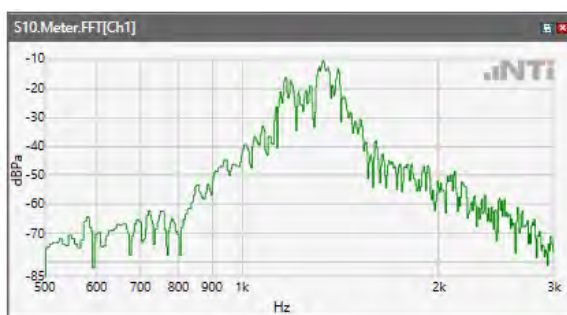
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



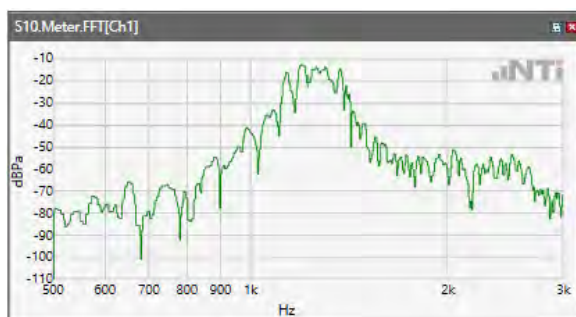
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



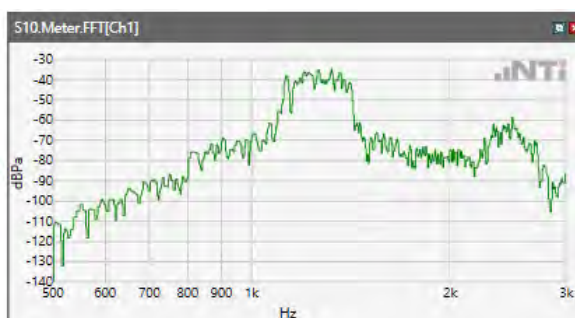
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



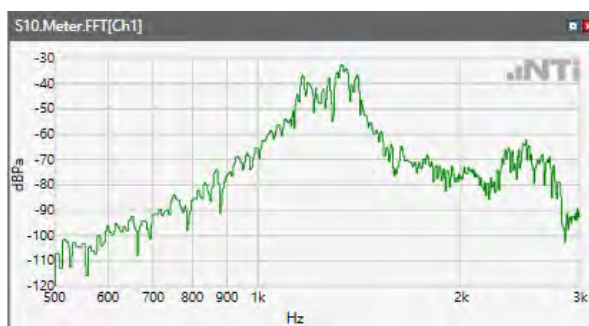
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



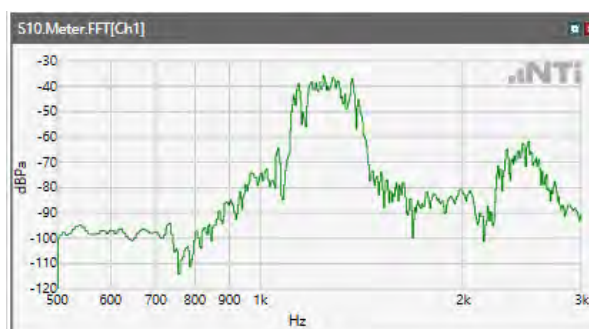
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



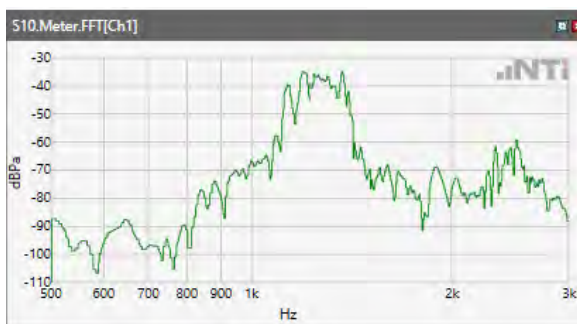
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

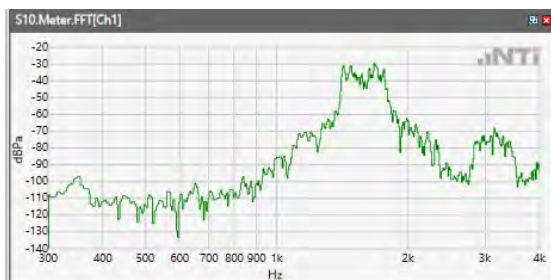


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

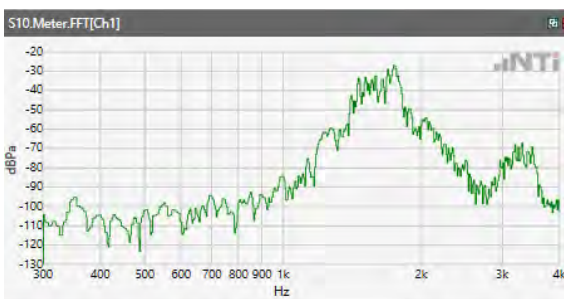


Receive path - distortion and noise 1600Hz WB&NB

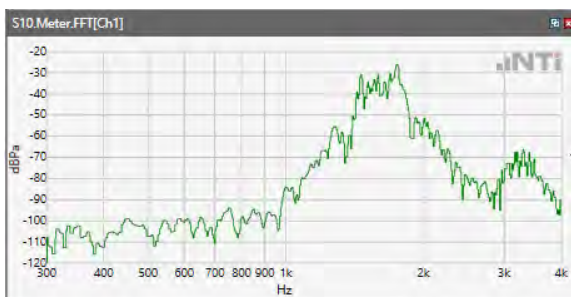
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



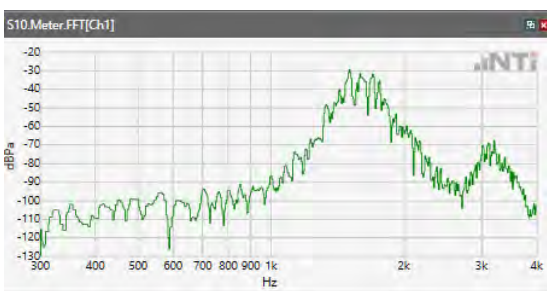
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



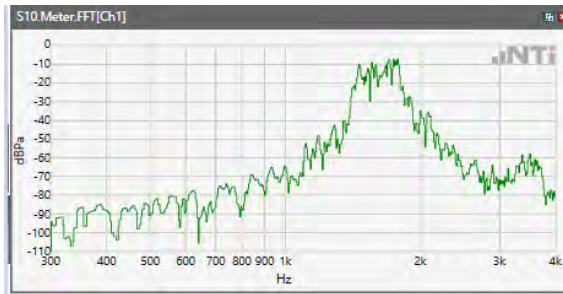
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



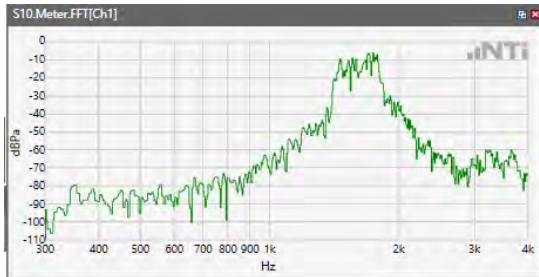
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



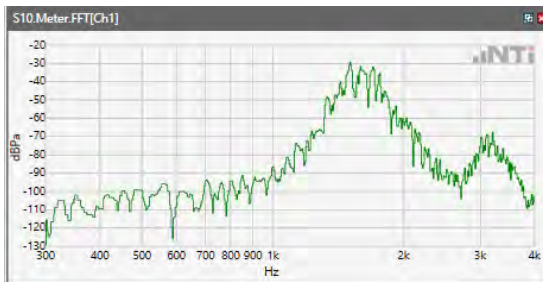
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



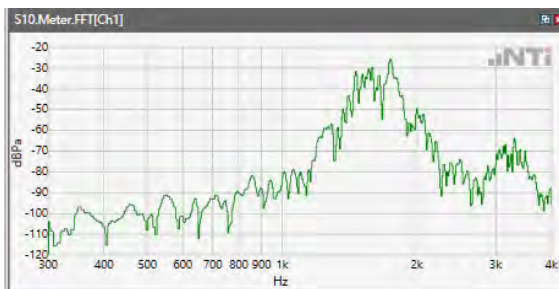
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



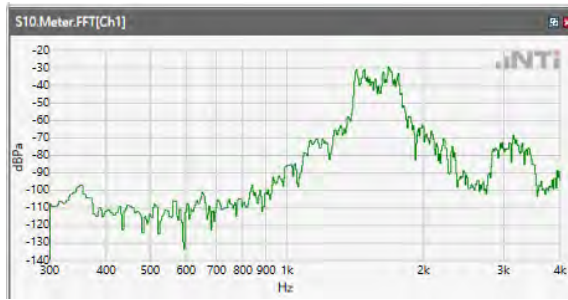
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



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



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

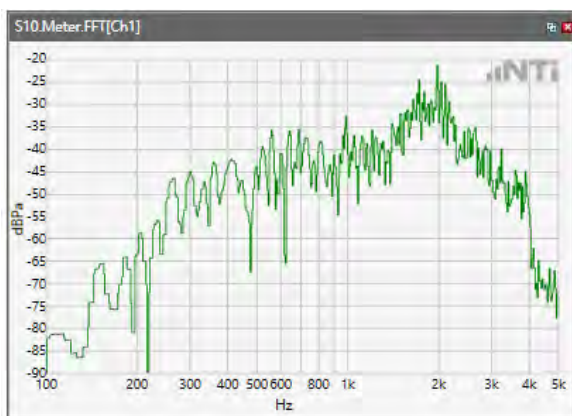


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

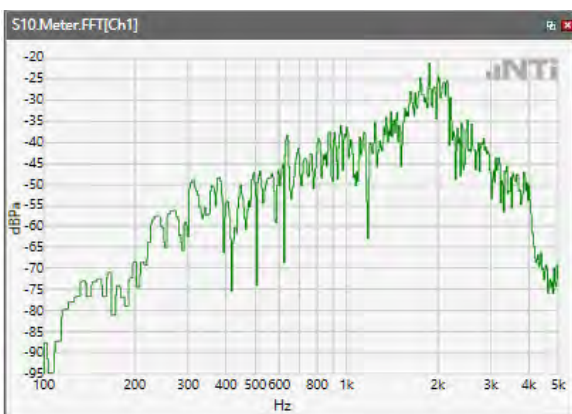


Receive path - distortion and noise 2000Hz WB&NB

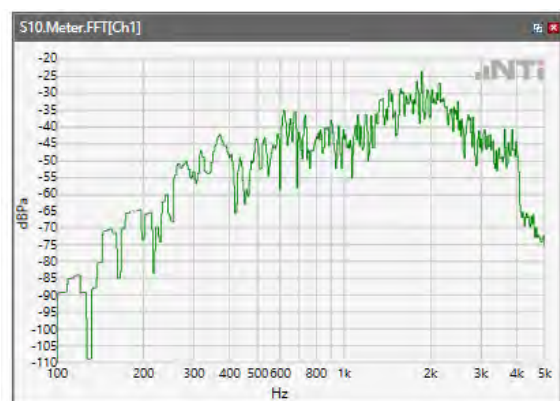
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 850



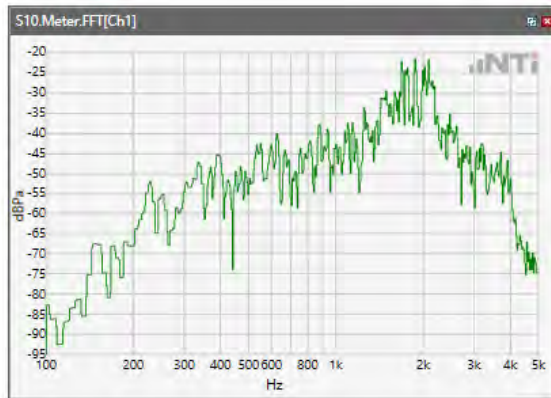
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\GSM 1900



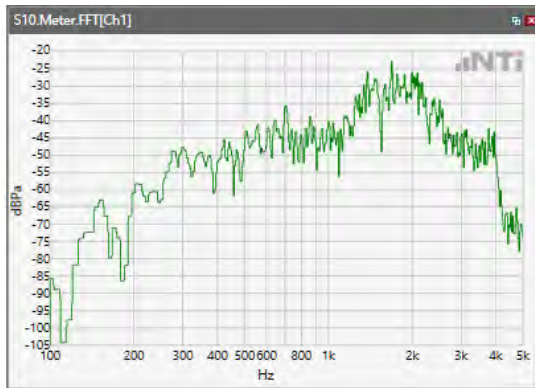
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise\WCDMA II



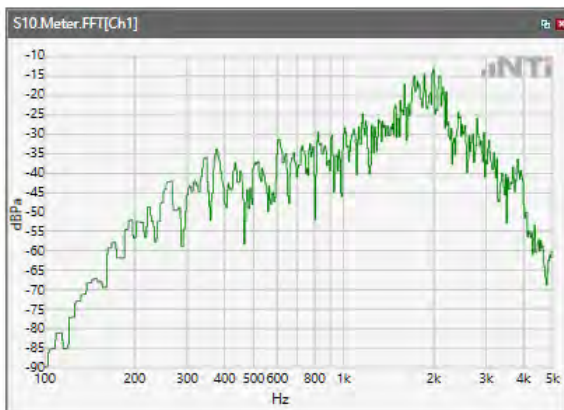
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



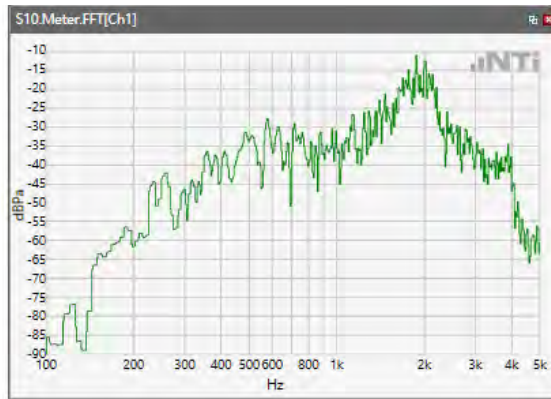
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



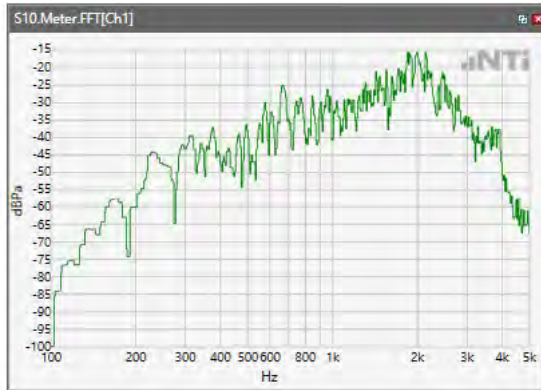
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



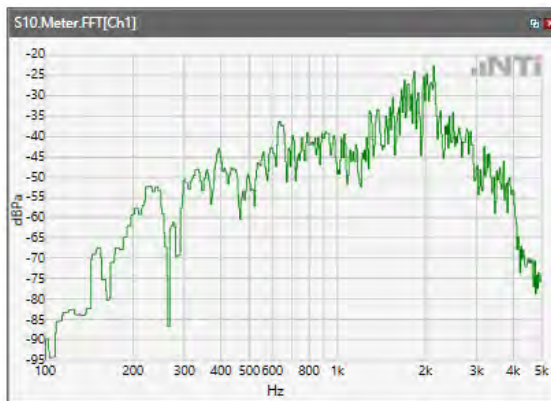
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



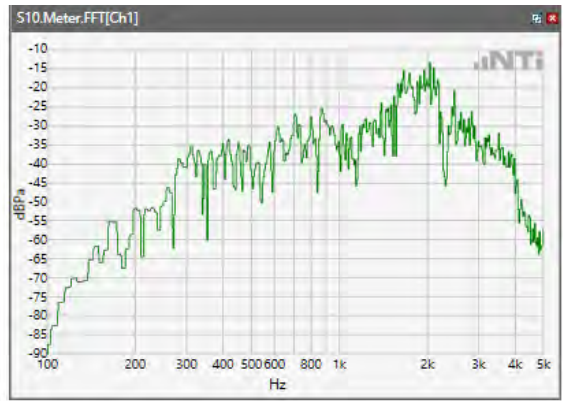
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

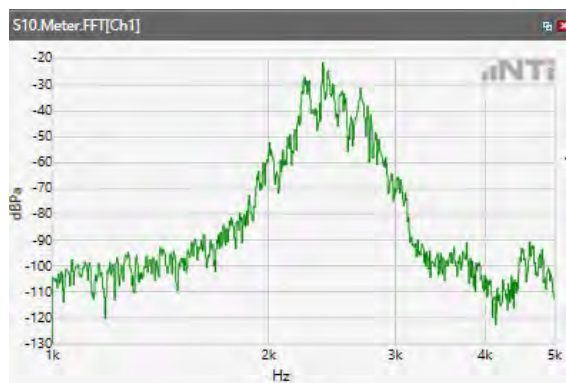


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

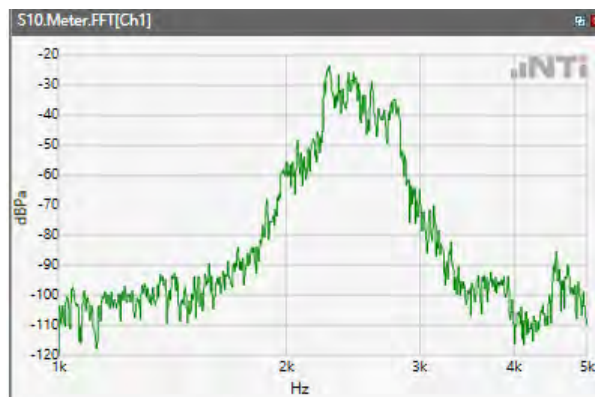


Receive path - distortion and noise 2500Hz WB&NB

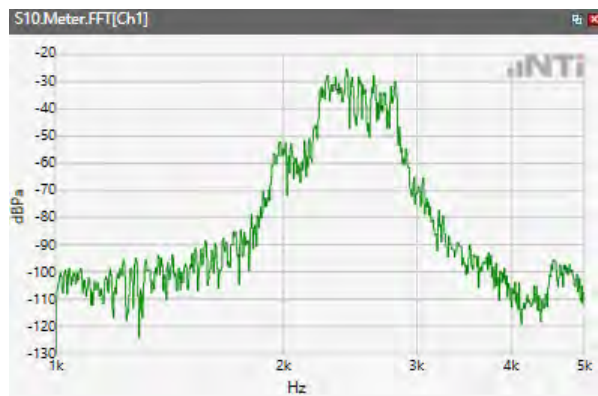
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



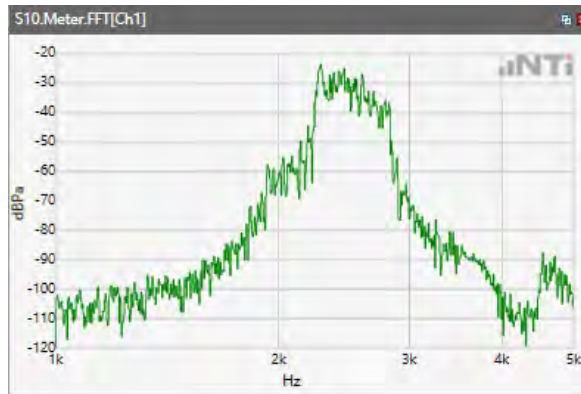
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



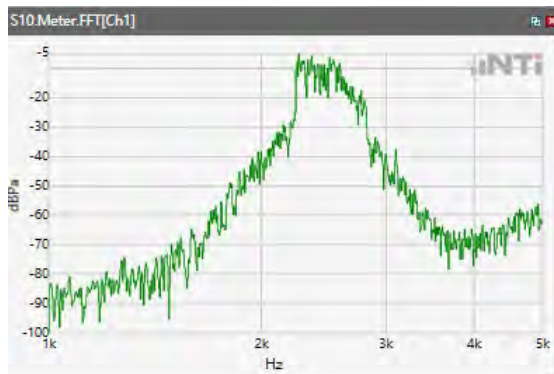
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



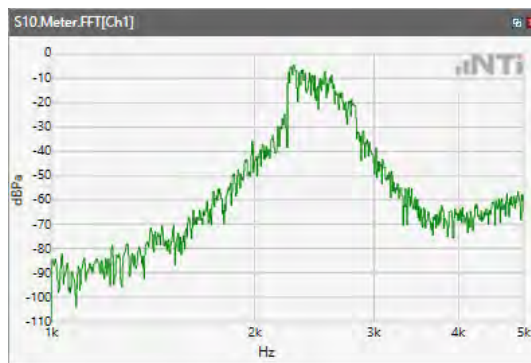
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



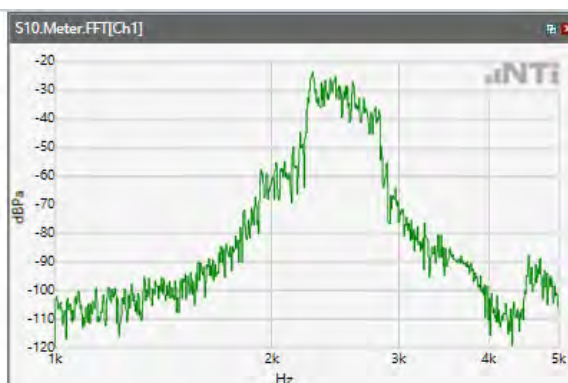
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



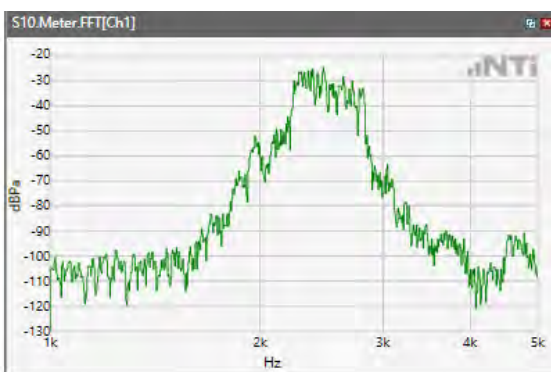
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



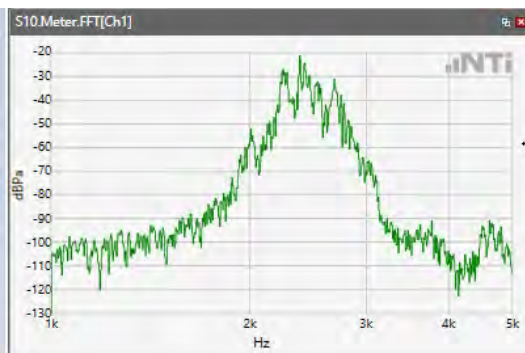
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



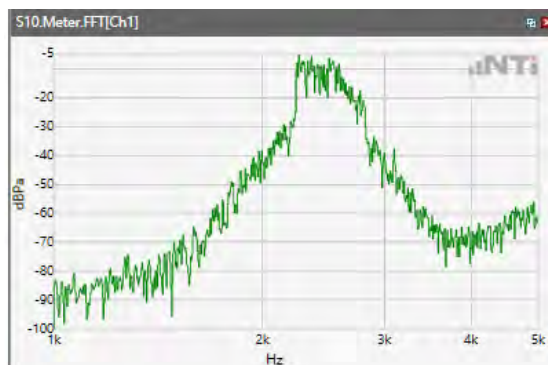
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

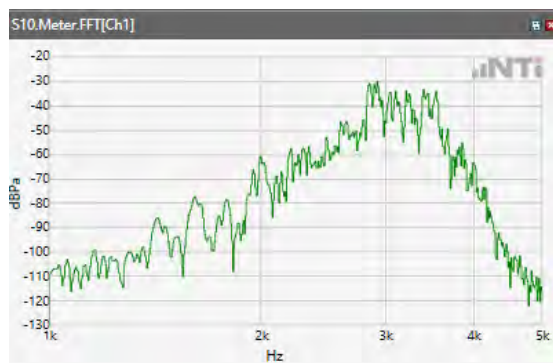


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE
Band 7

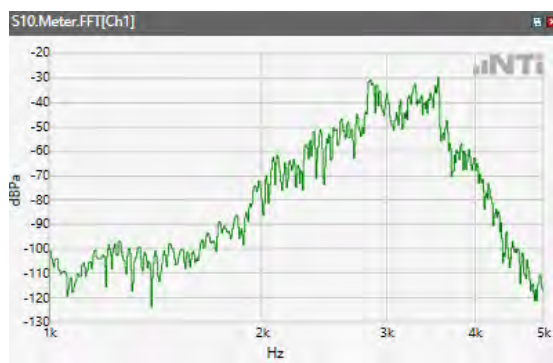


Receive path - distortion and noise 3150Hz WB&NB

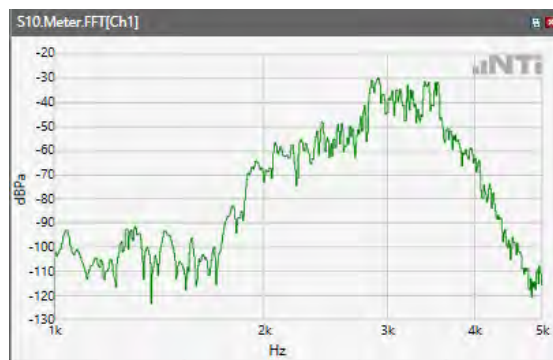
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



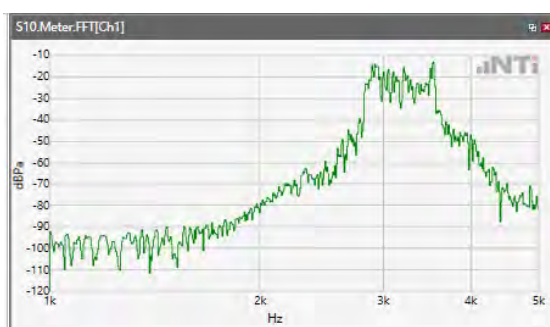
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



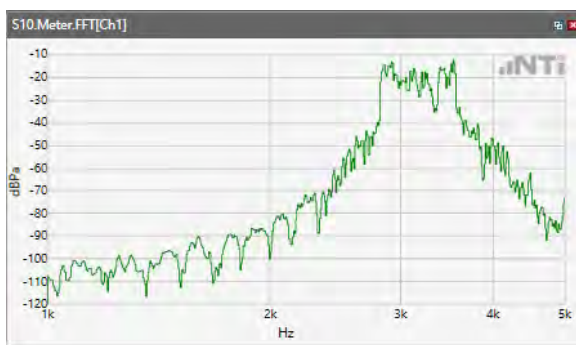
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



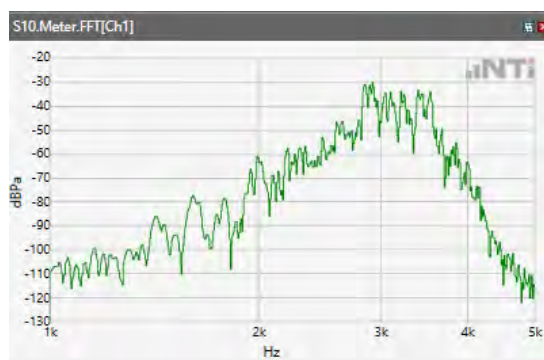
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



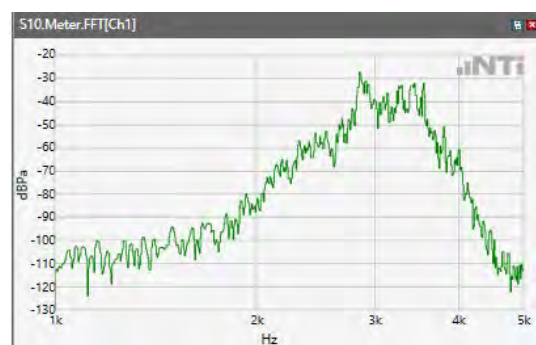
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



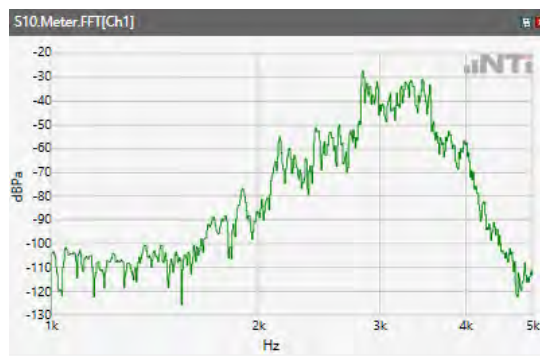
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



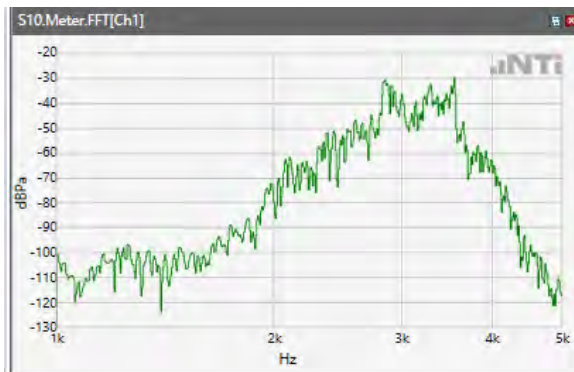
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

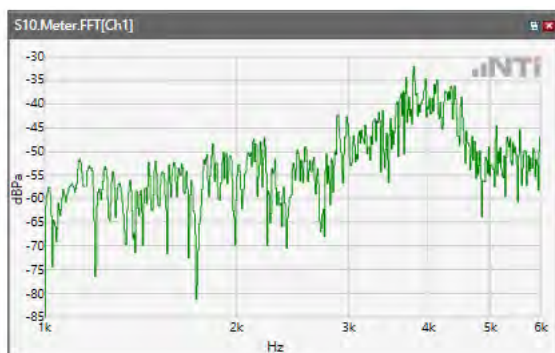


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

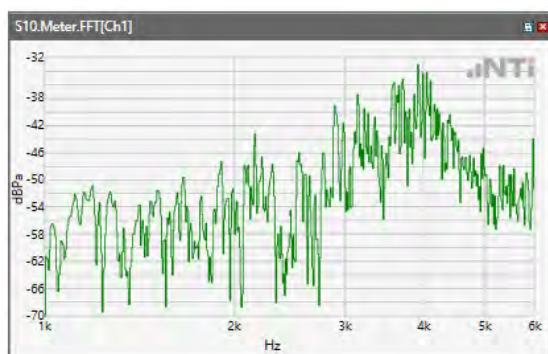


Receive path - distortion and noise 4000Hz WB only

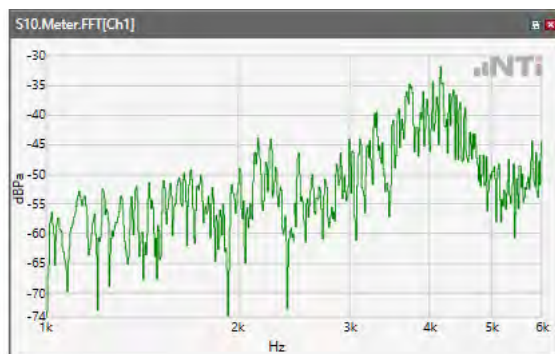
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 850



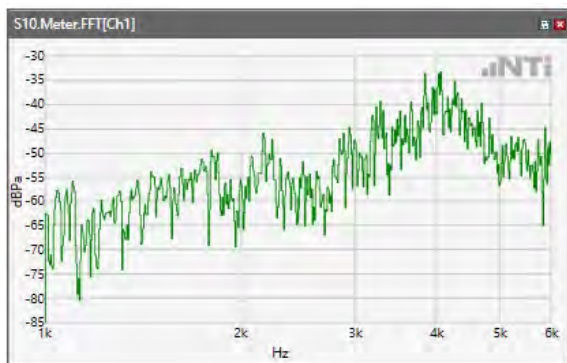
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\GSM 1900



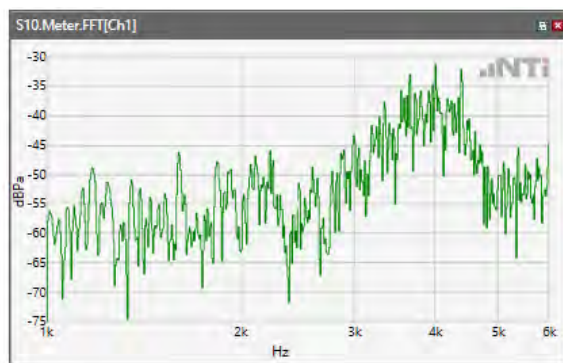
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA II



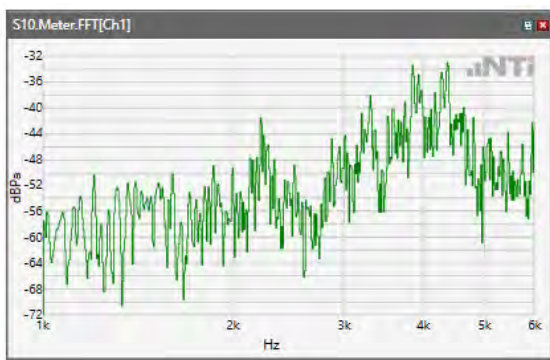
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA V



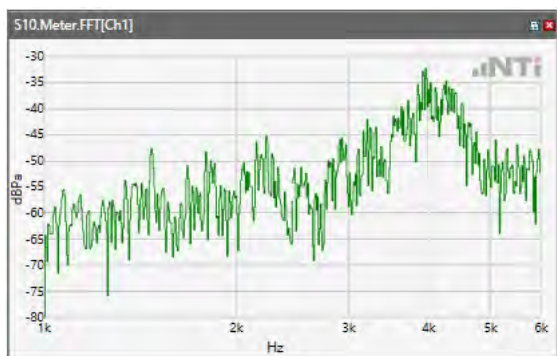
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 2



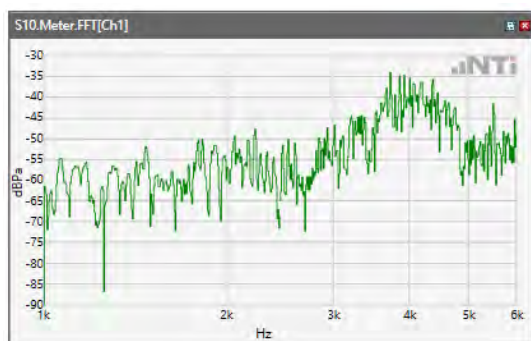
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ LTE Band 5



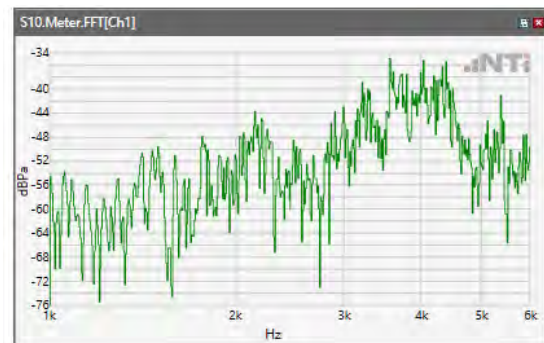
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



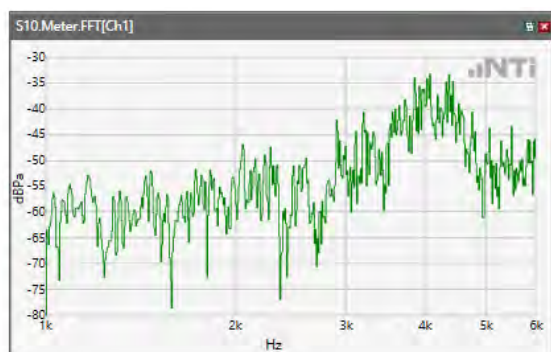
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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

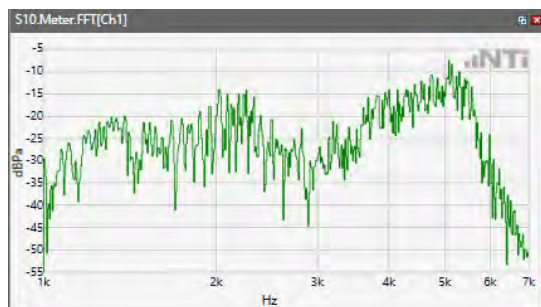


ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

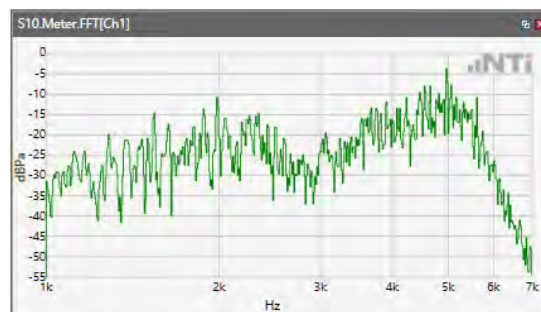


Receive path - distortion and noise 5000Hz WB only

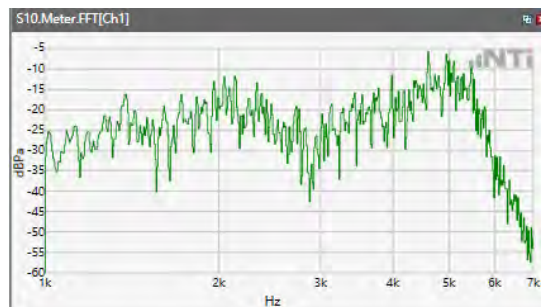
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 850



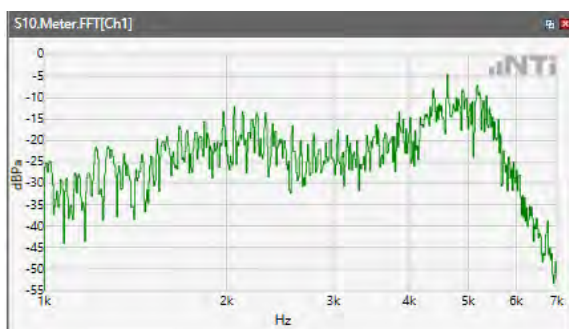
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ GSM 1900



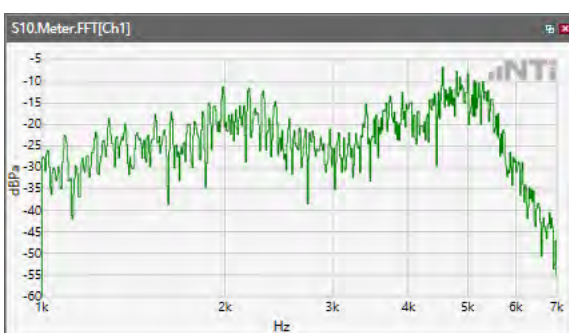
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ 5.2 Receive path – distortion and noise \ WCDMA II



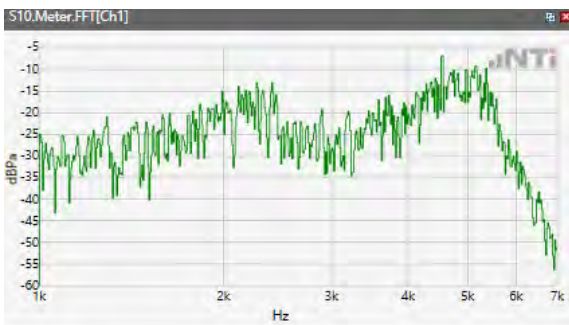
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\WCDMA V



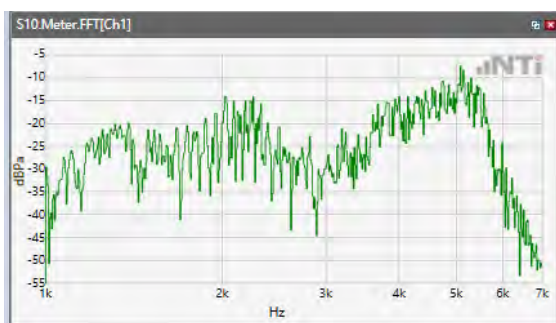
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



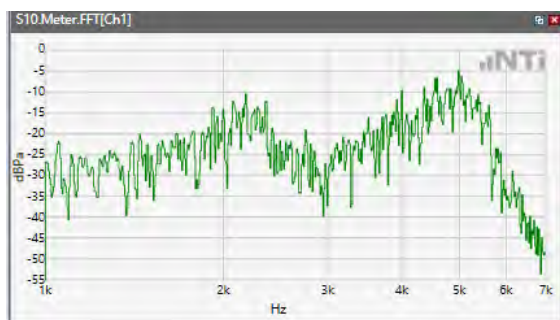
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



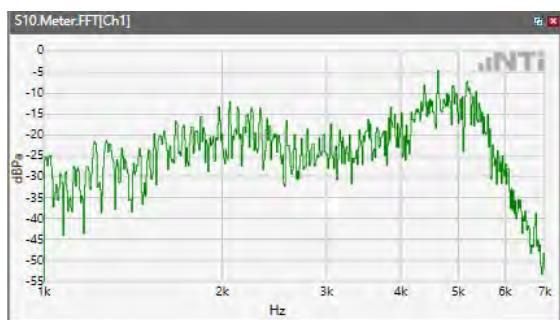
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 12



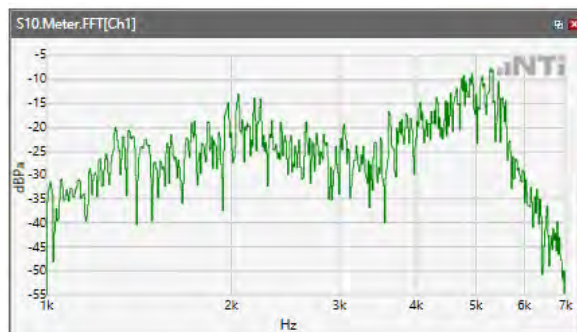
ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\ LTE Band 66



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



ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

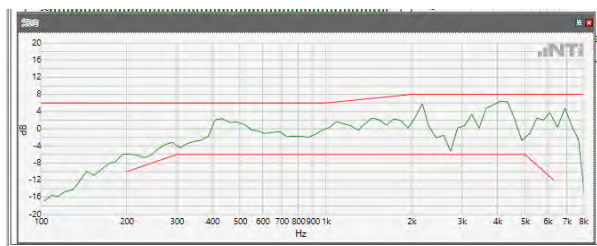


5.2 Receive path – distortion and noise

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

5.3 Receive Acoustic Frequency response Performance

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



Absolute minimal distance

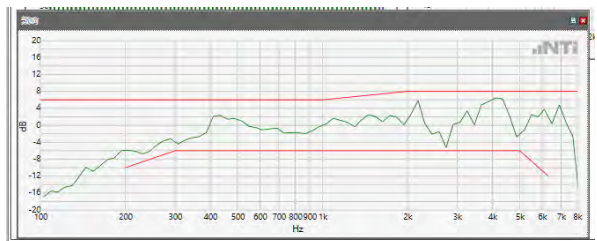
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

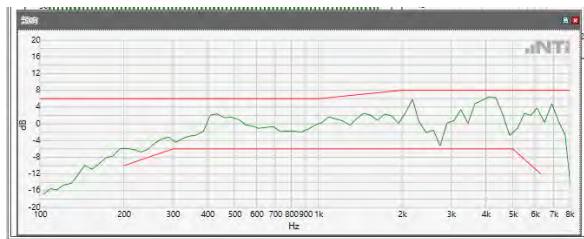
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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

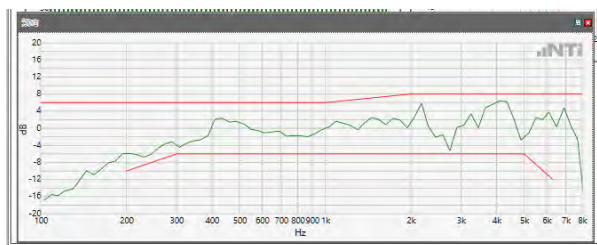


Absolute minimal distance

OK

OK

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

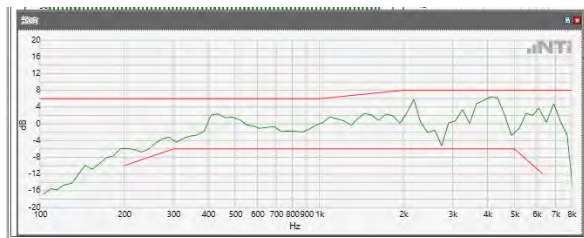


Absolute minimal distance

OK

OK

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 2



Absolute minimal distance

OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \ LTE Band 5



Absolute minimal distance

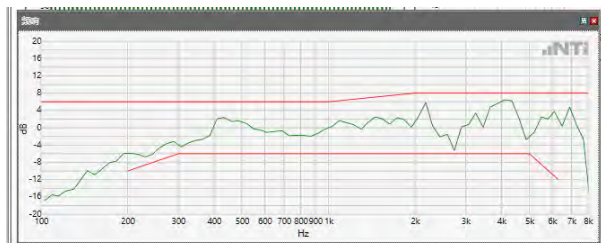
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

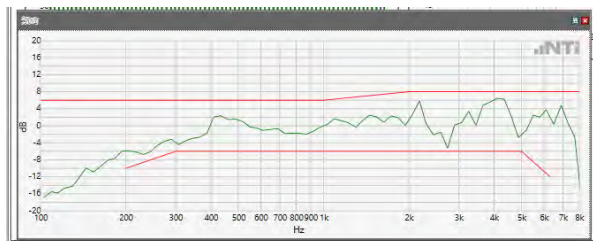
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

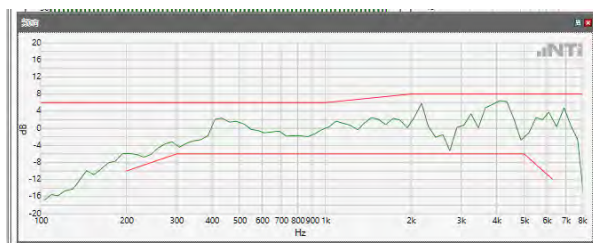
OK

OK

Limits

	lower
Run 1	Fit into tolerance

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



Absolute minimal distance

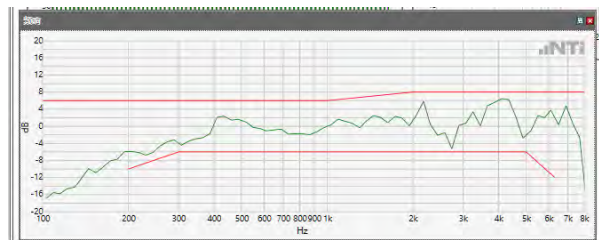
OK

OK

Limits

	lower
Run 1	Fit into tolerance

ANSI/TIA 5050-2018 \ 8N HAC OFF \ WB 23.85 kbps \LTE Band 7



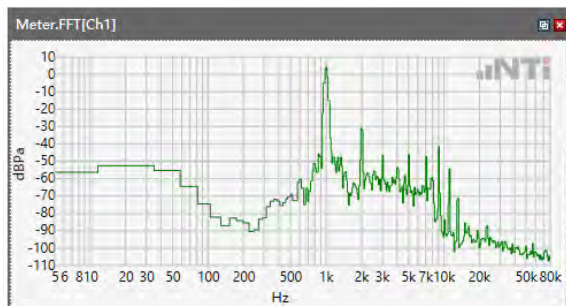
Absolute minimal distance

OK

OK

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

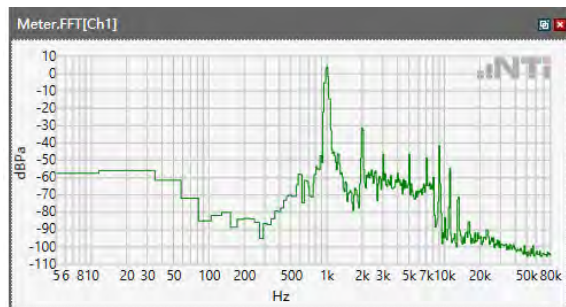
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 2



Speech Level RCV: 92.55 dB[SPL]

Calculated Value: 22.55 dB Ok

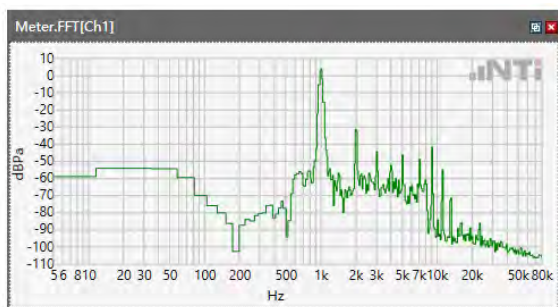
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 5



Speech Level RCV: 95.26 dB[SPL]

Calculated Value: 25.26 dB Ok

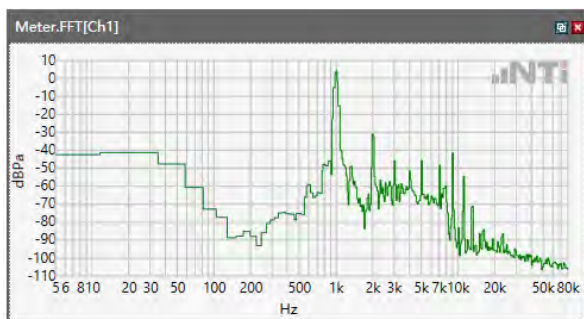
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 12



Speech Level RCV: 91.56 dB[SPL]

Calculated Value: 21.56 dB Ok

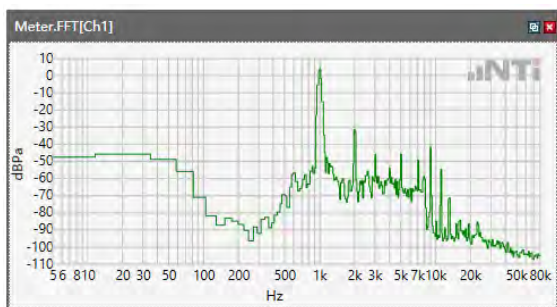
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 66



Speech Level RCV: 91.53 dB[SPL]

Calculated Value: 21.53 dB Ok

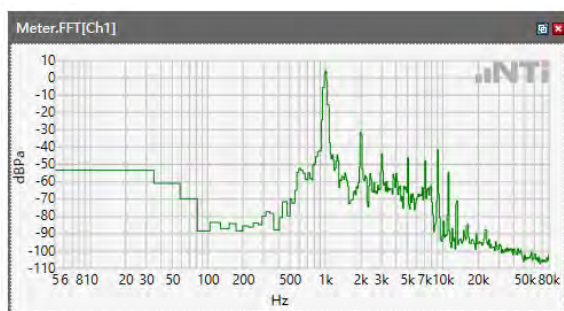
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE BAND 71



Speech Level RCV: 91.58 dB[SPL]

Calculated Value: 21.58 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS NB 24.4 kbps \ LTE Band 7

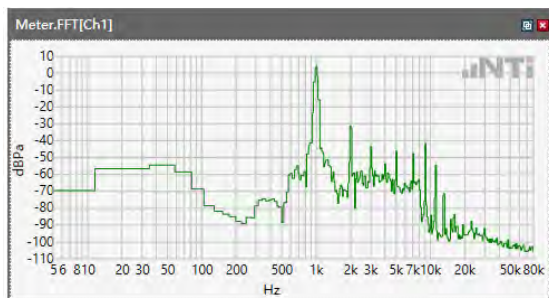


Speech Level RCV: 91.74 dB[SPL]

Calculated Value: 21.74 dB Ok

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

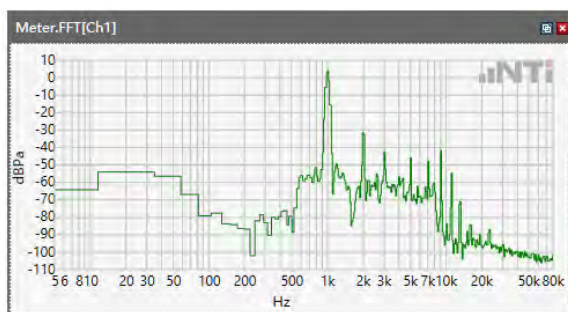
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE Band 2



Speech Level RCV: 91.39 dB[SPL]

Calculated Value: 21.39 dB Ok

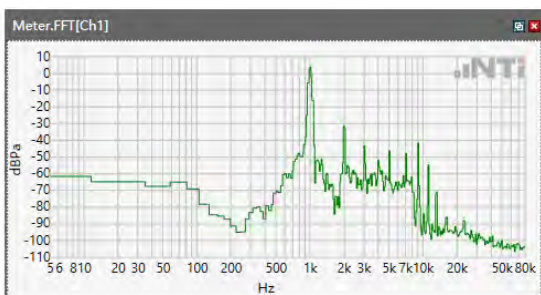
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE Band 5



Speech Level RCV: 95.26 dB[SPL]

Calculated Value: 25.26 dB Ok

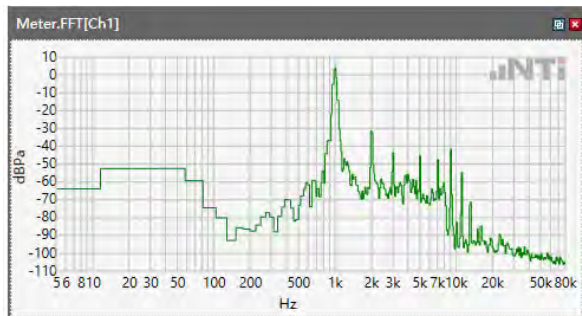
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE Band 12



Speech Level RCV: 90.66 dB[SPL]

Calculated Value: 20.66 dB Ok

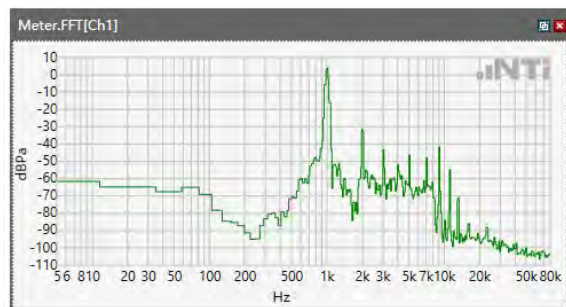
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE Band 66



Speech Level RCV: 91.05 dB[SPL]

Calculated Value: 21.05 dB Ok

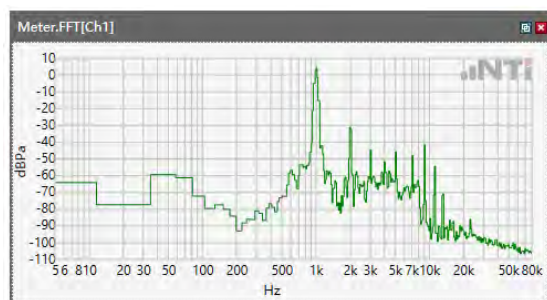
ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE BAND 71



Speech Level RCV: 90.69 dB[SPL]

Calculated Value: 20.69 dB Ok

ANSI/TIA 5050-2018 \ 8N HAC OFF \ EVS WB 128 kbps \ LTE Band 7

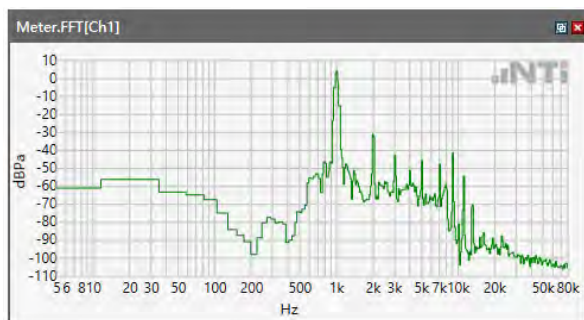


Speech Level RCV: 90.49 dB[SPL]

Calculated Value: 20.49 dB Ok

5.1 Receive Volume Control Performance 2N---NB

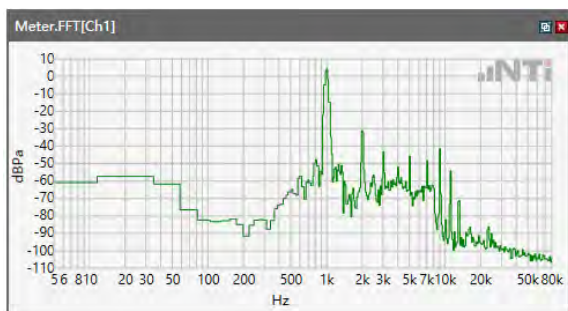
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 850



Speech Level RCV: 92.21 dB[SPL]

Calculated Value: 22.21 dB Ok

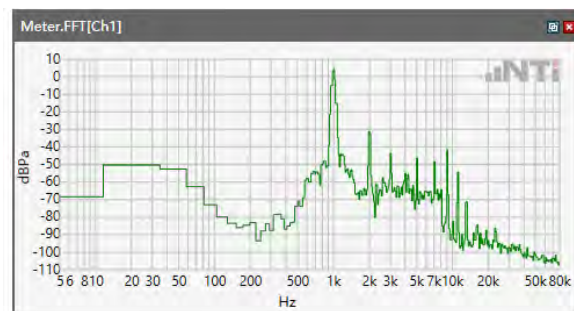
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\GSM 1900



Speech Level RCV: 91.08 dB[SPL]

Calculated Value: 21.08 dB Ok

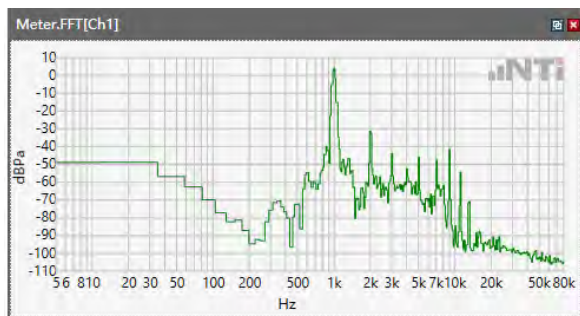
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band II



Speech Level RCV: 91.2 dB[SPL]

Calculated Value: 21.2 dB Ok

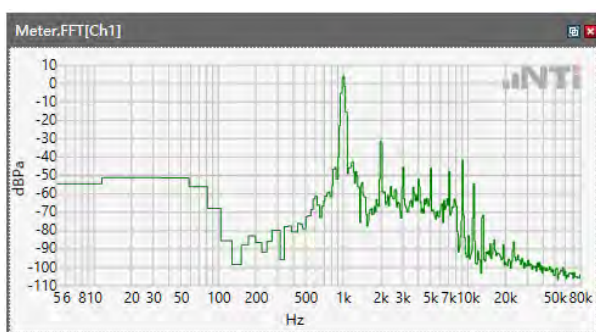
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\WCDMA Band V



Speech Level RCV: 92.23 dB[SPL]

Calculated Value: 22.23 dB Ok

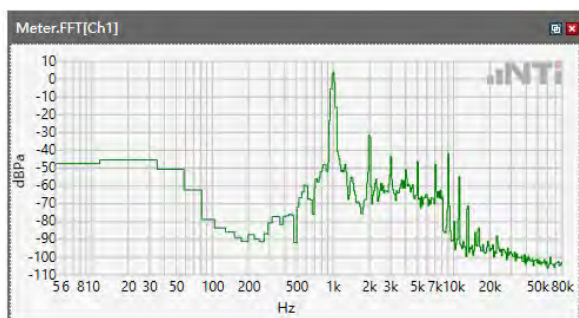
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 2



Speech Level RCV: 91.18 dB[SPL]

Calculated Value: 21.18 dB Ok

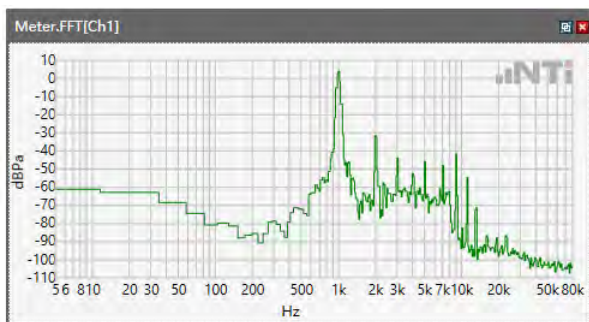
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 5



Speech Level RCV: 91.53 dB[SPL]

Calculated Value: 21.53 dB Ok

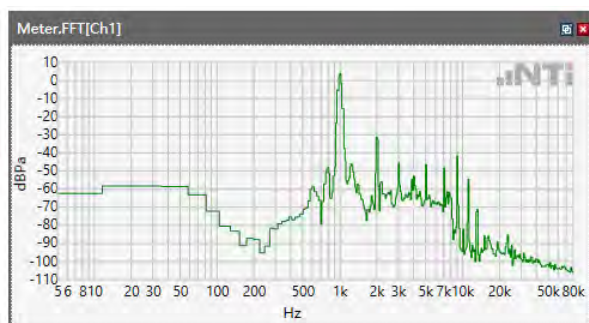
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 12



Speech Level RCV: 91.37 dB[SPL]

Calculated Value: 21.37 dB Ok

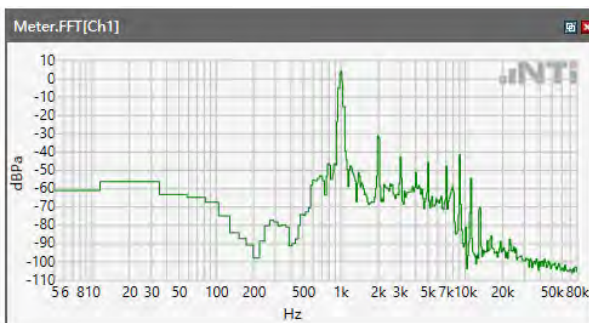
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE Band 66



Speech Level RCV: 89.27 dB[SPL]

Calculated Value: 19.27 dB Ok

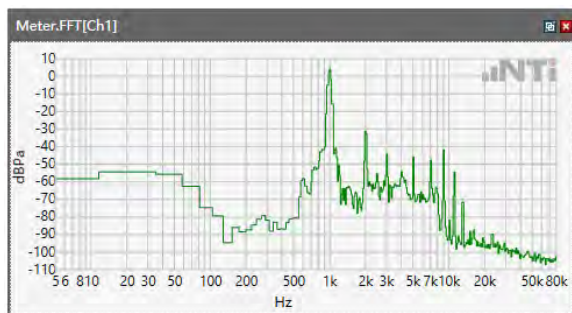
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ LTE BAND 71



Speech Level RCV: 90.11 dB[SPL]

Calculated Value: 20.11 dB Ok

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

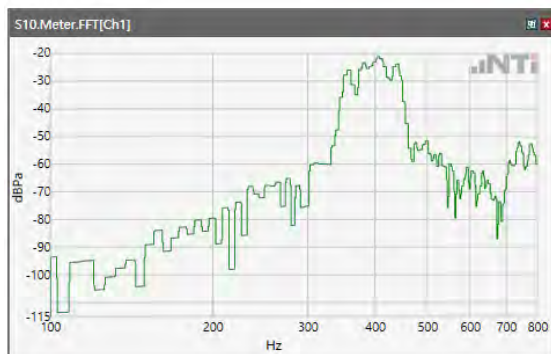


Speech Level RCV: 90.5 dB[SPL]

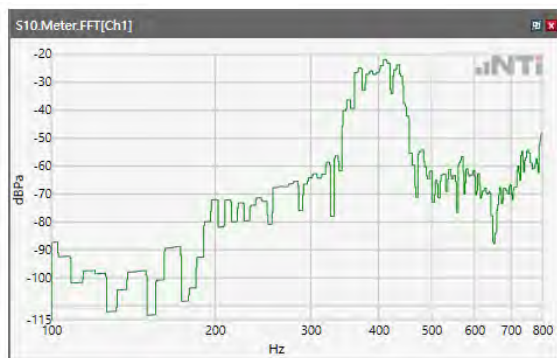
Calculated Value: 20.5 dB Ok

Receive path - distortion and noise 400Hz WB&NB

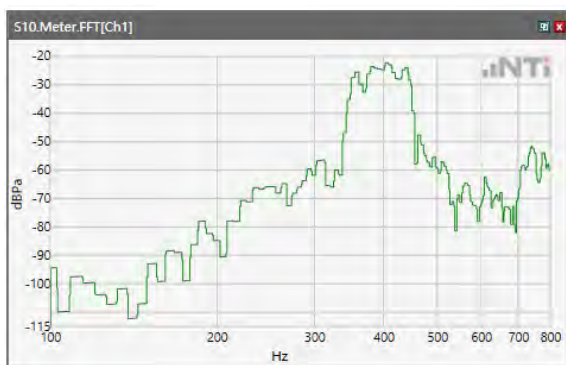
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



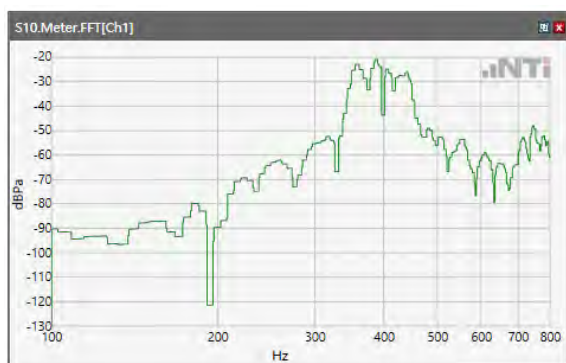
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



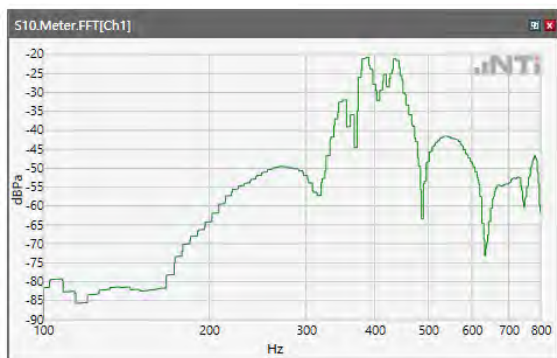
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



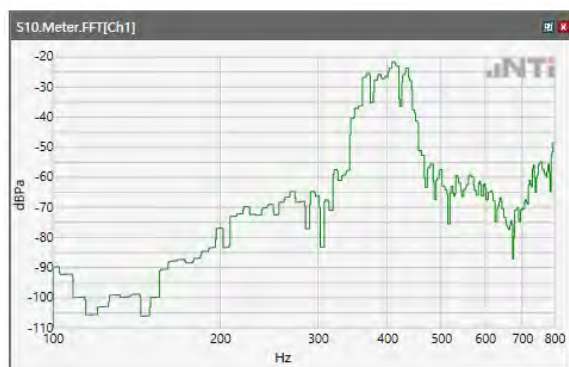
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



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



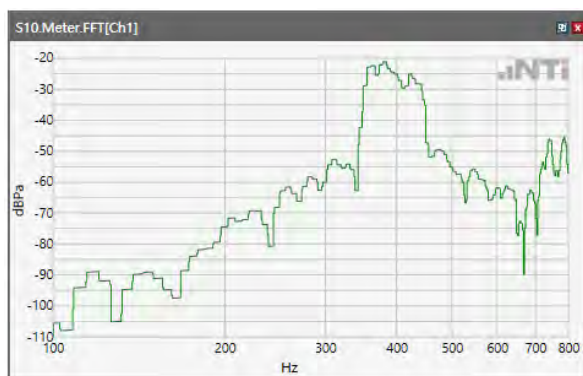
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



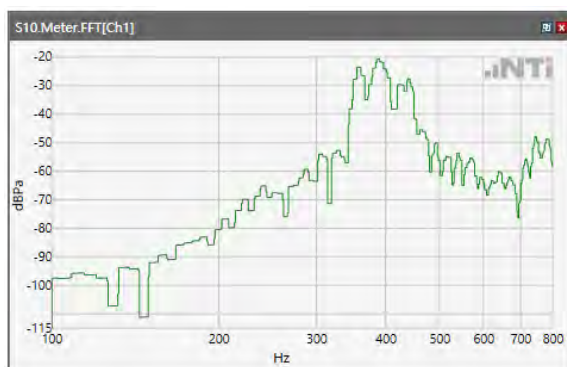
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



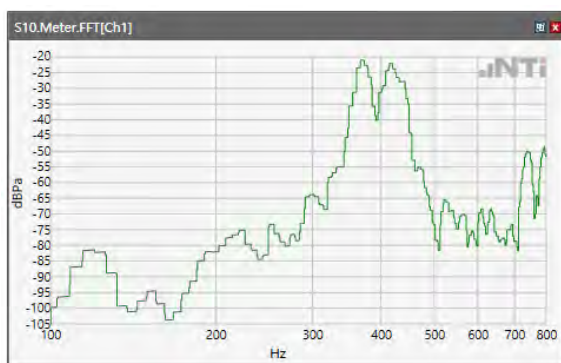
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

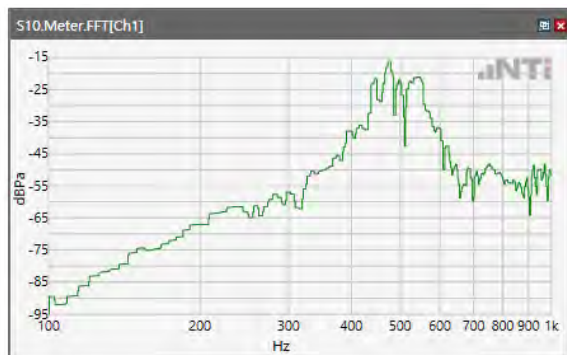


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

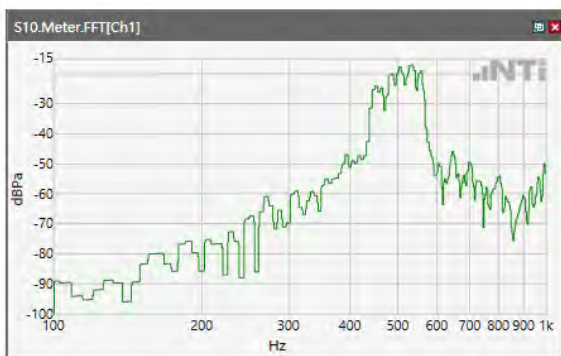


Receive path - distortion and noise 500Hz WB&NB

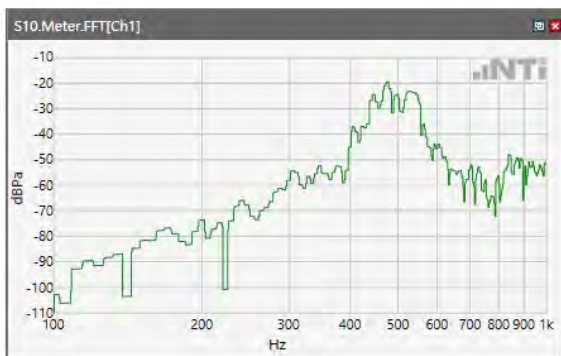
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



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



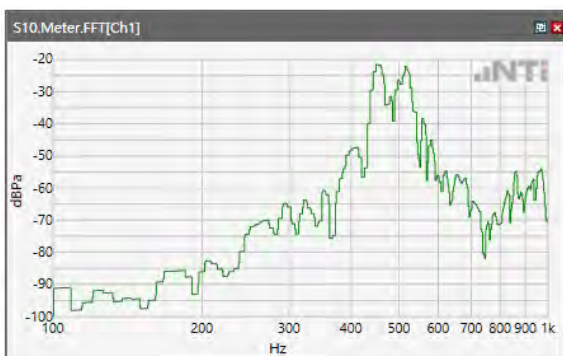
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



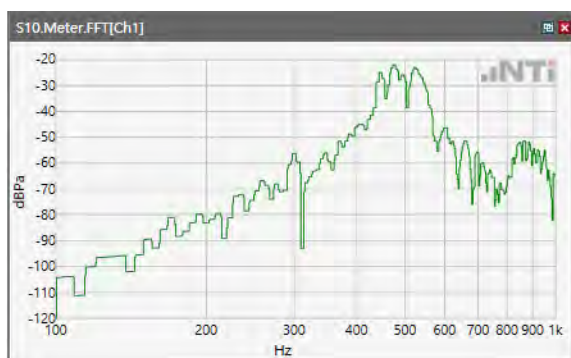
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



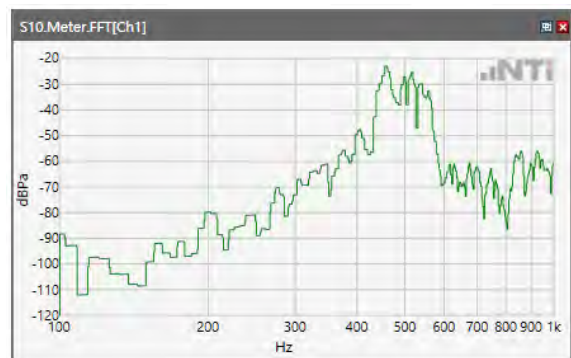
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



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



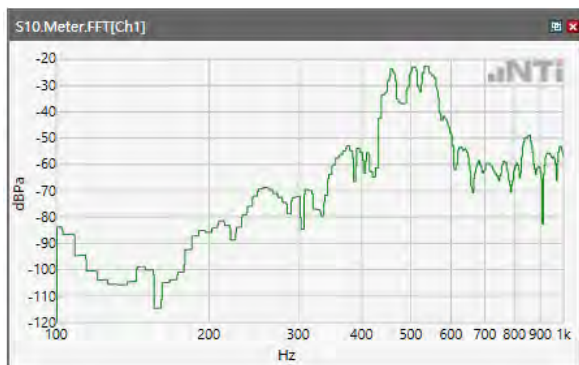
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

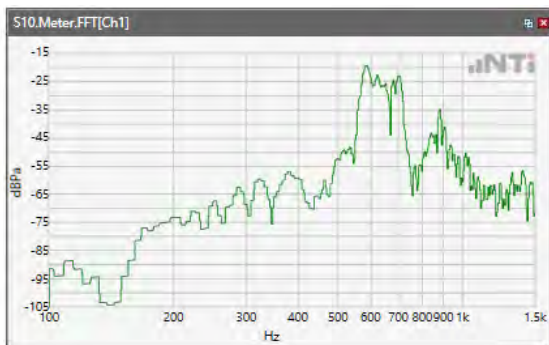


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band
7

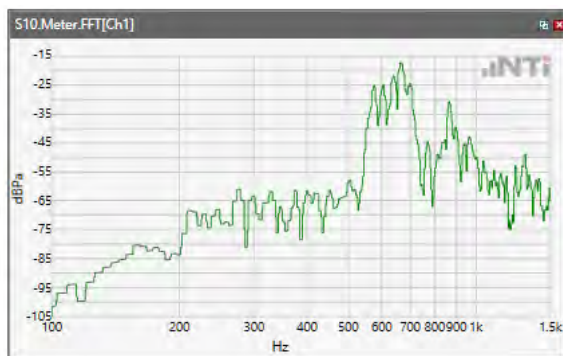


Receive path - distortion and noise 630Hz WB&NB

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



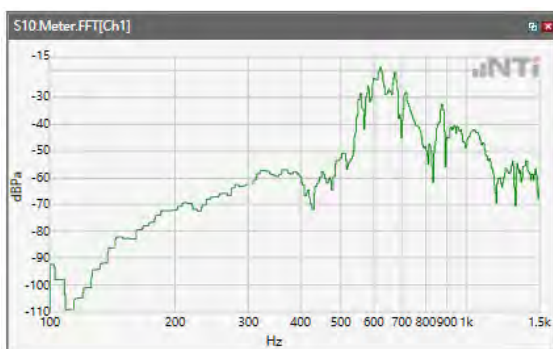
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



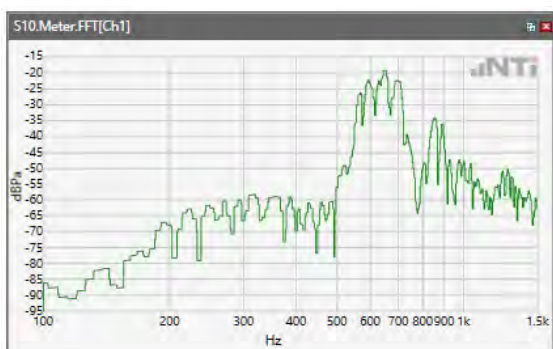
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



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



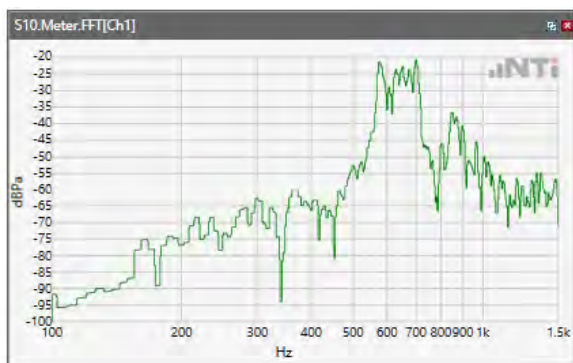
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



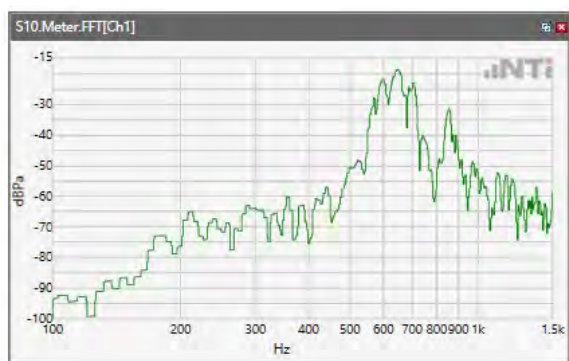
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



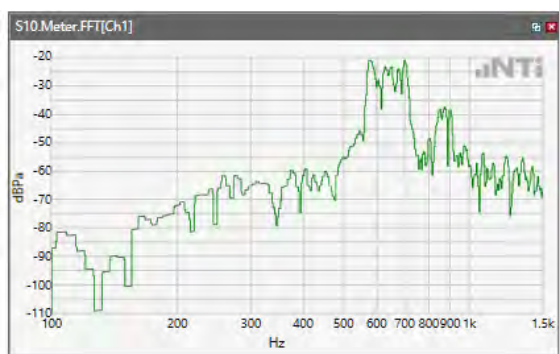
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



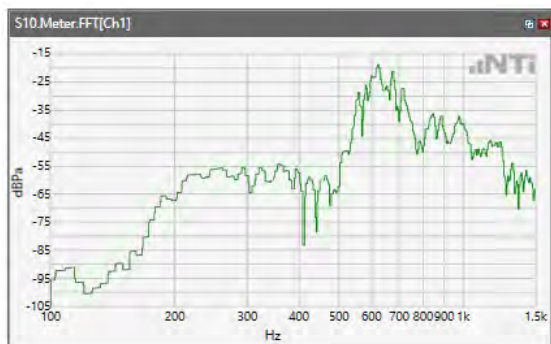
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

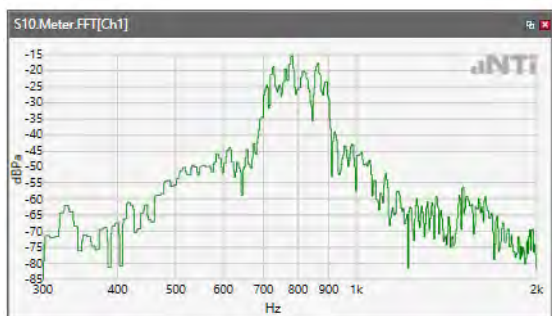


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band
7

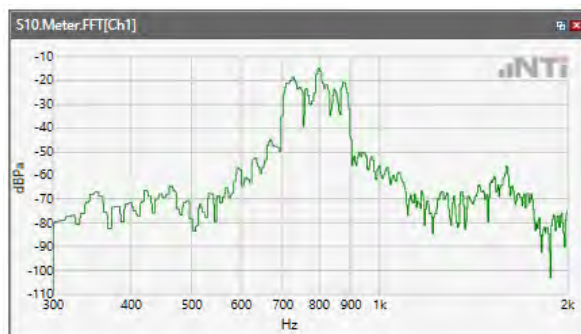


Receive path - distortion and noise 800Hz WB&NB

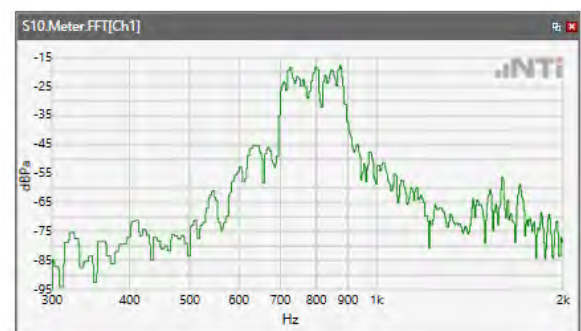
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



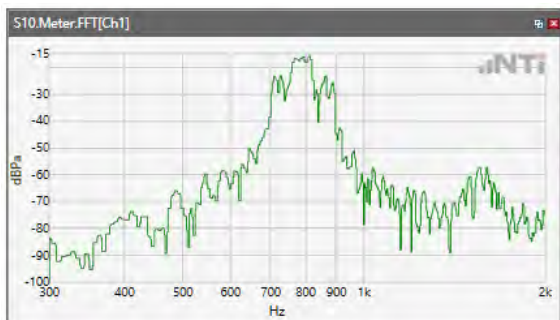
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



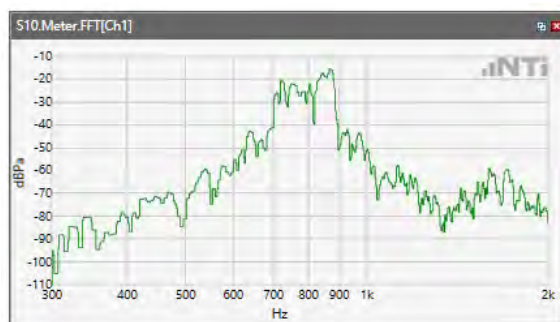
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



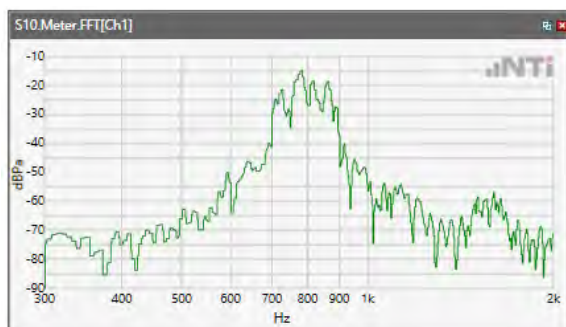
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



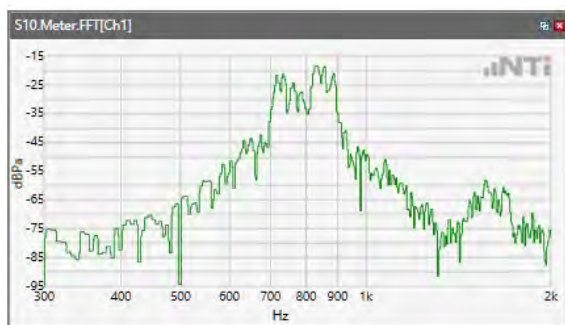
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



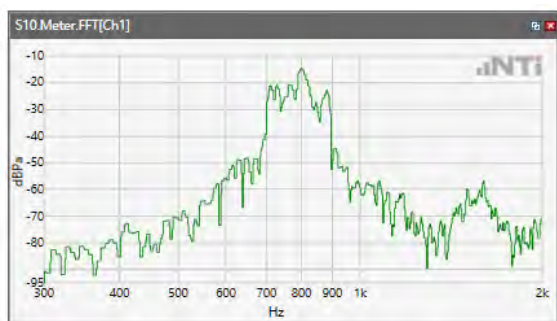
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



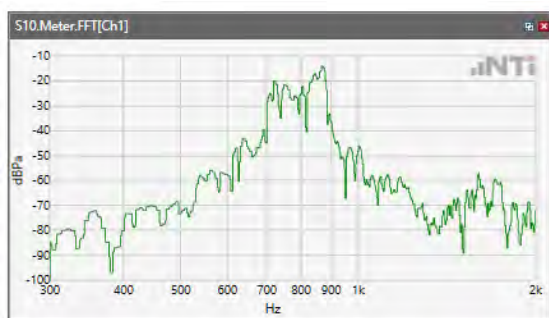
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



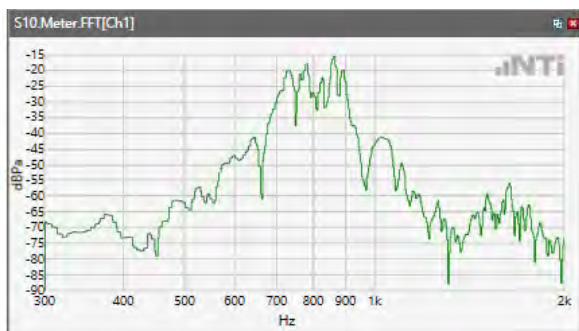
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

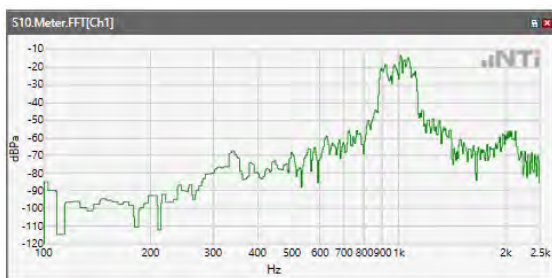


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

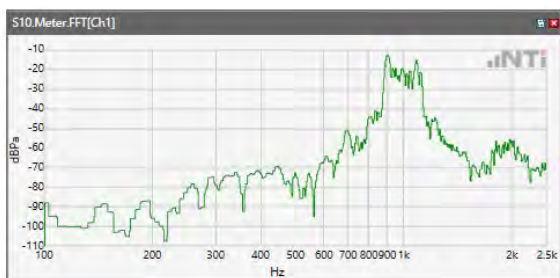


Receive path - distortion and noise 1000Hz WB&NB

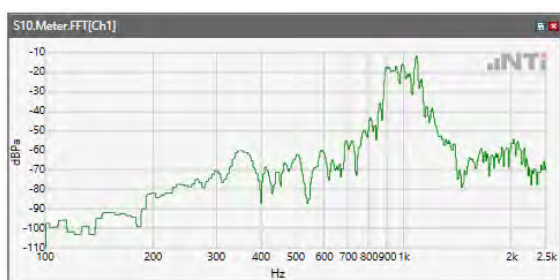
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



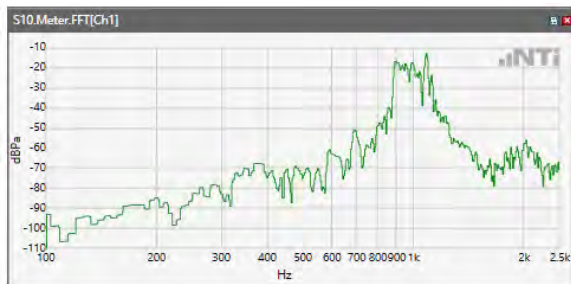
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



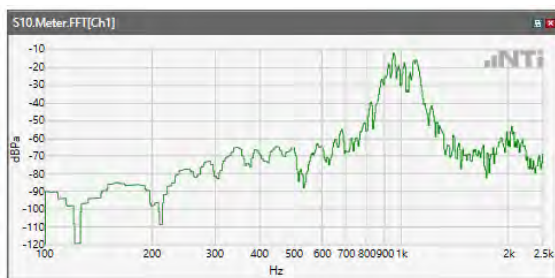
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



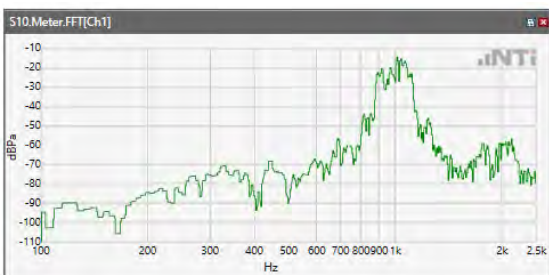
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



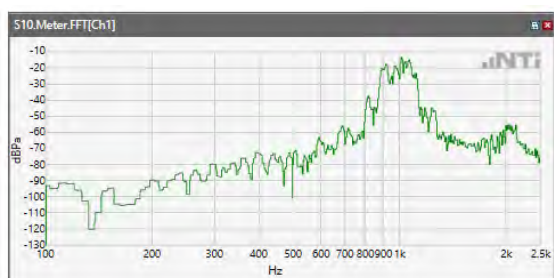
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



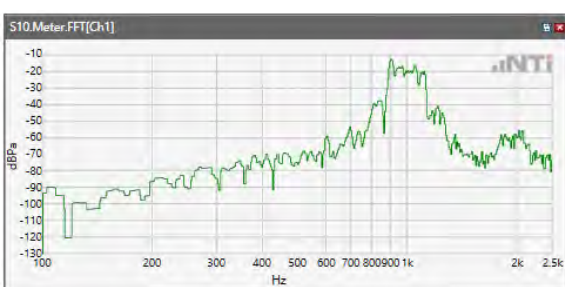
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



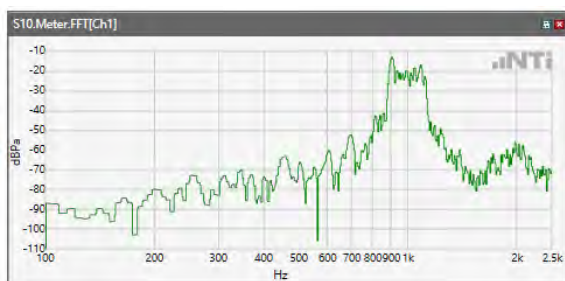
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



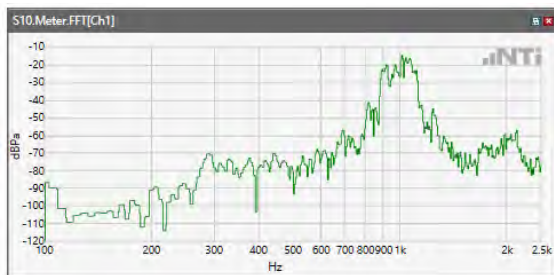
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

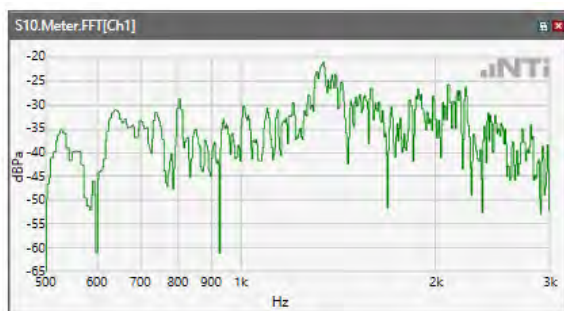


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

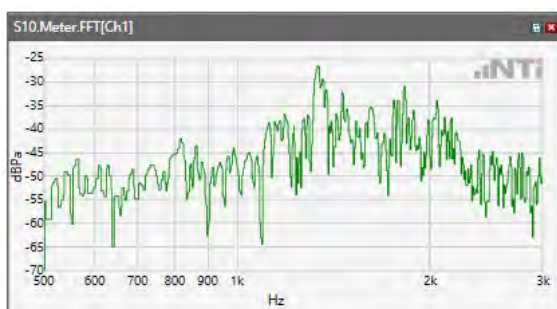


Receive path - distortion and noise 1250Hz WB&NB

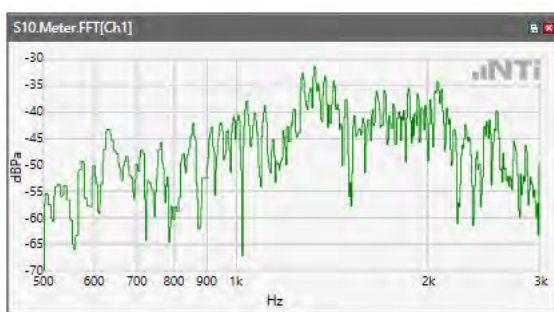
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



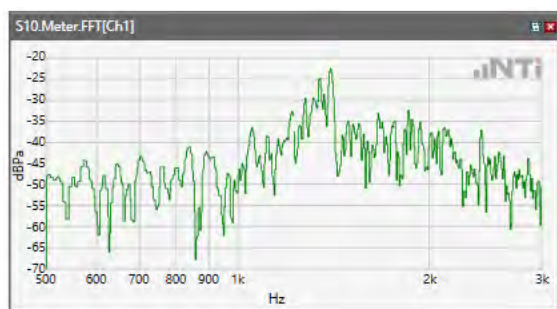
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



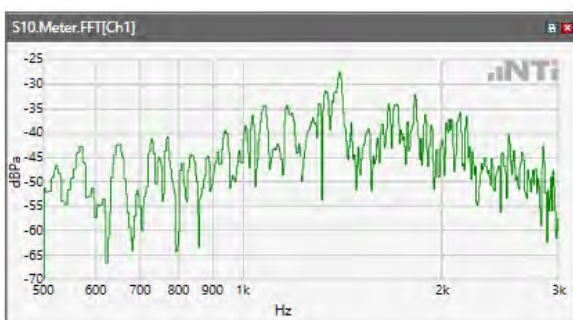
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



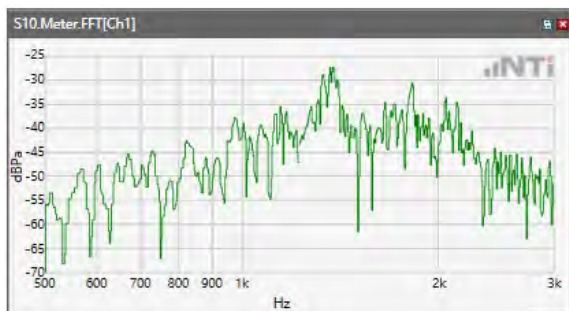
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



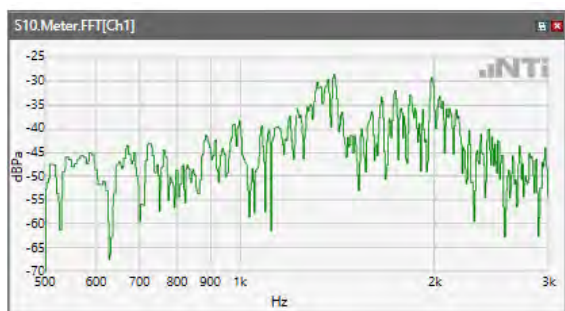
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



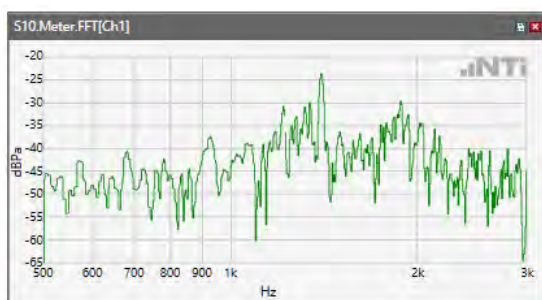
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



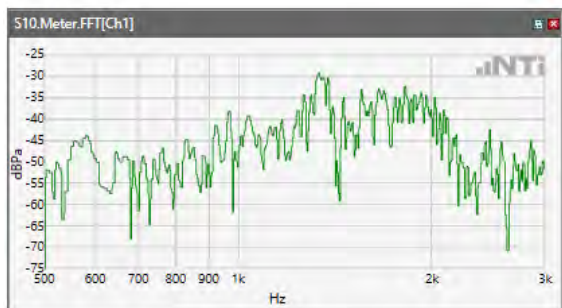
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



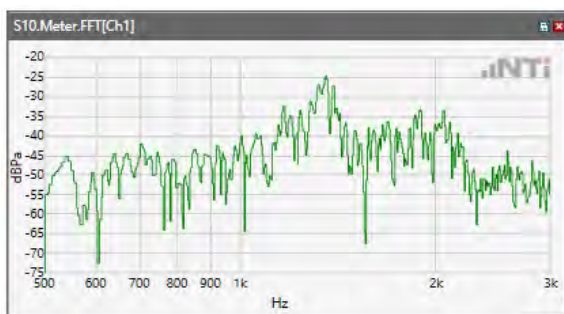
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

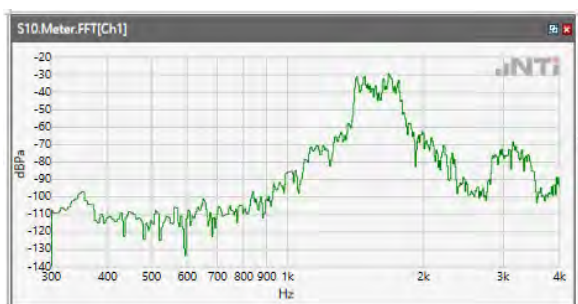


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7



Receive path - distortion and noise 1600Hz WB&NB

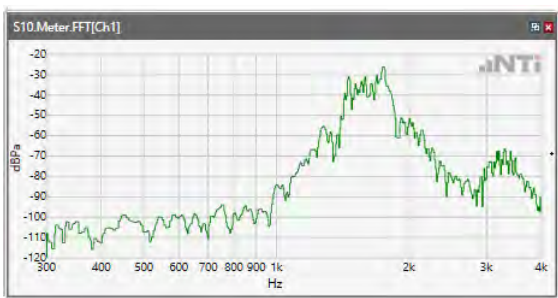
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



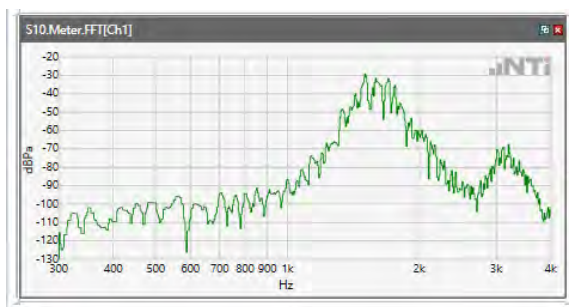
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



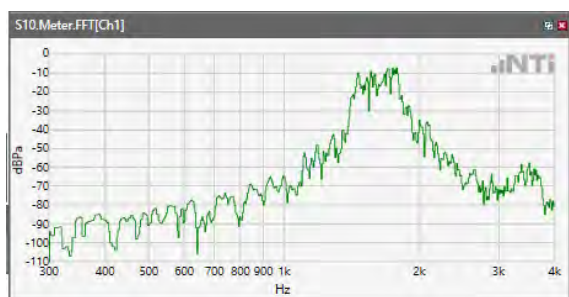
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



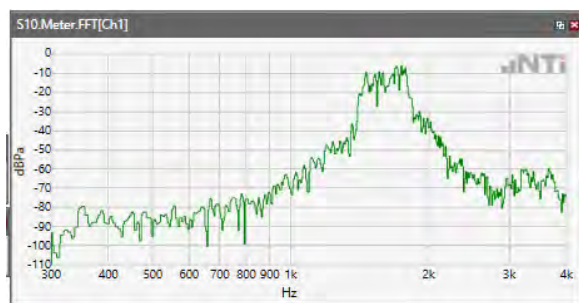
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



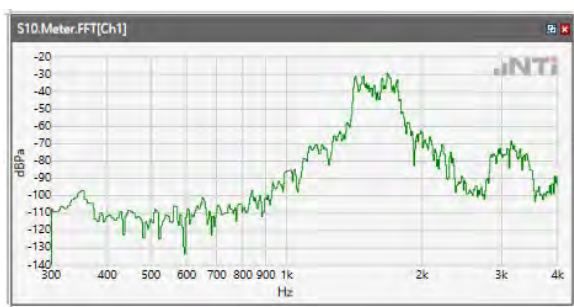
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



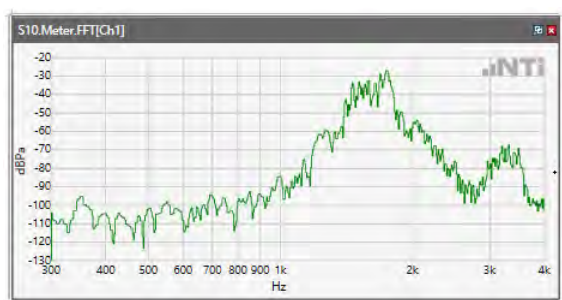
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



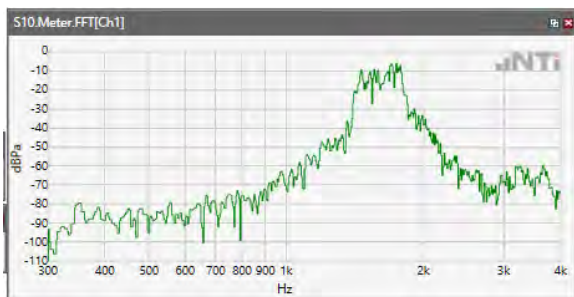
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



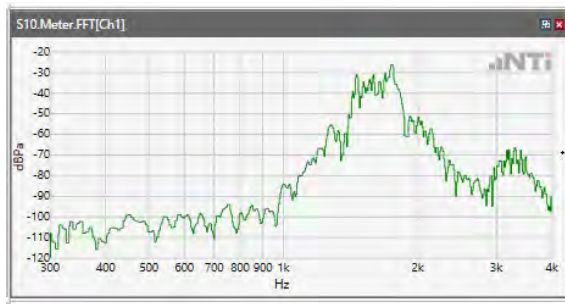
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

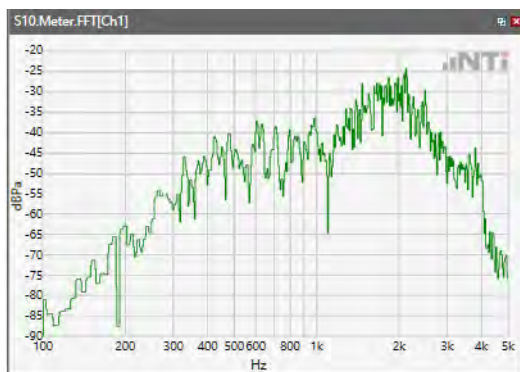


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

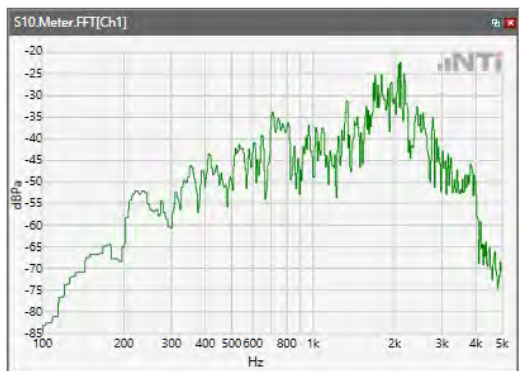


Receive path - distortion and noise 2000Hz WB&NB

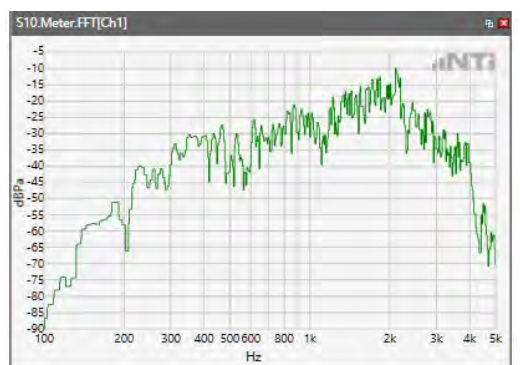
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



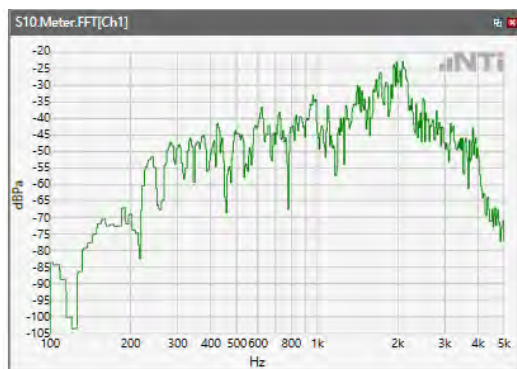
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 1900



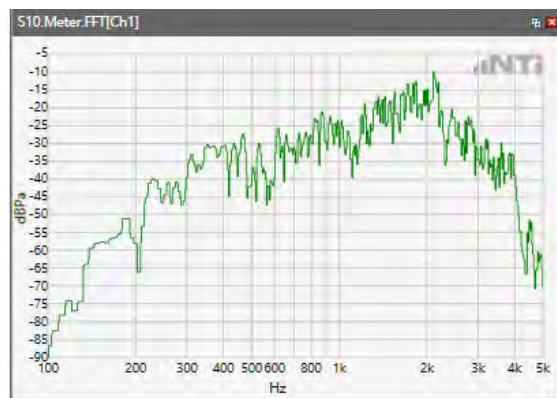
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band II



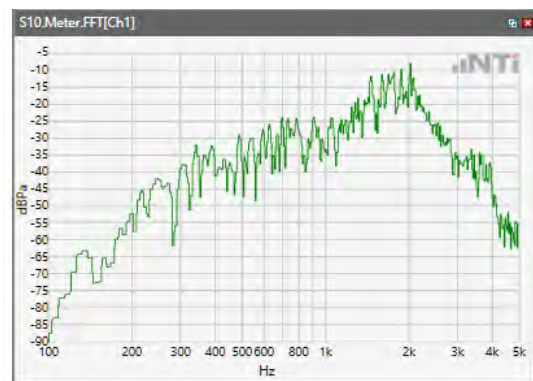
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



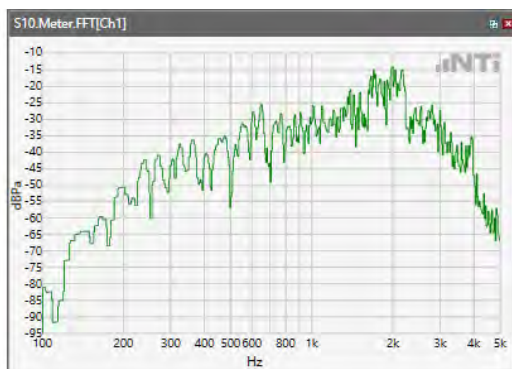
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



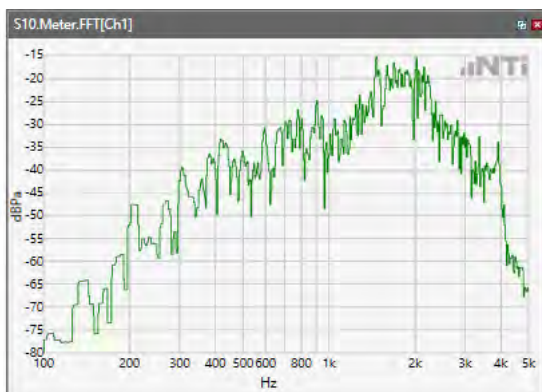
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



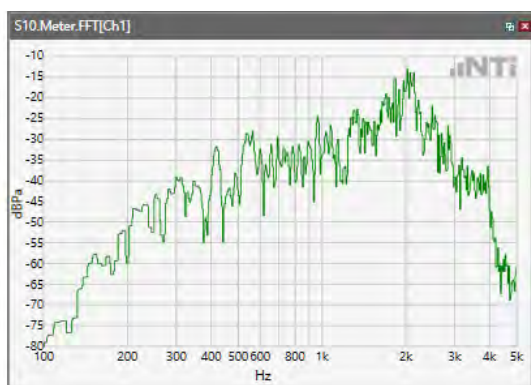
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



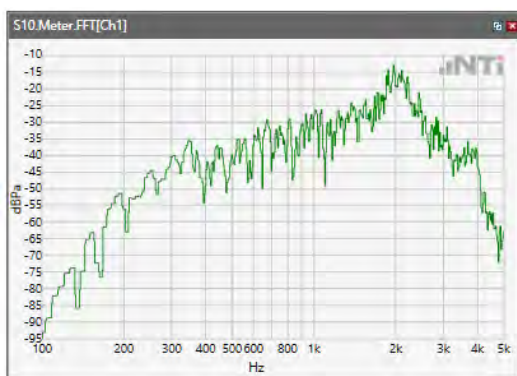
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 66



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

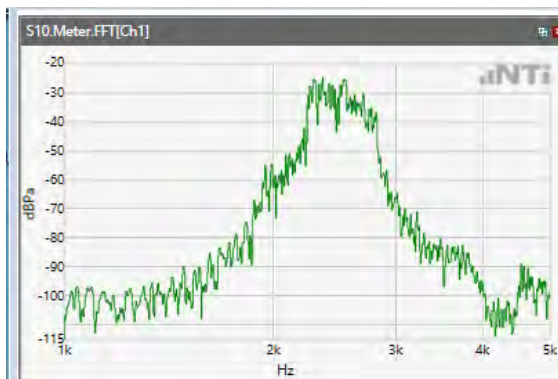


ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 7

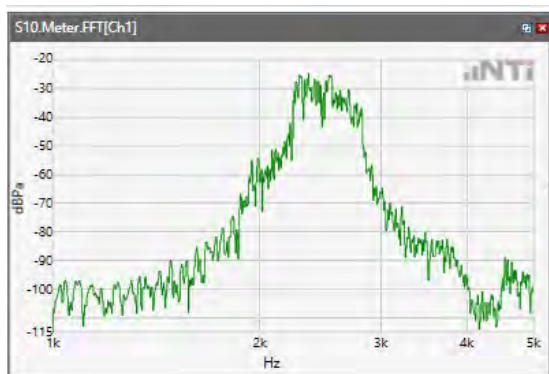


Receive path - distortion and noise 2500Hz WB&NB

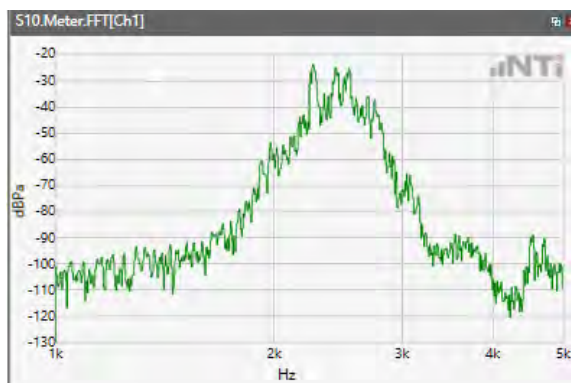
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\GSM 850



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



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



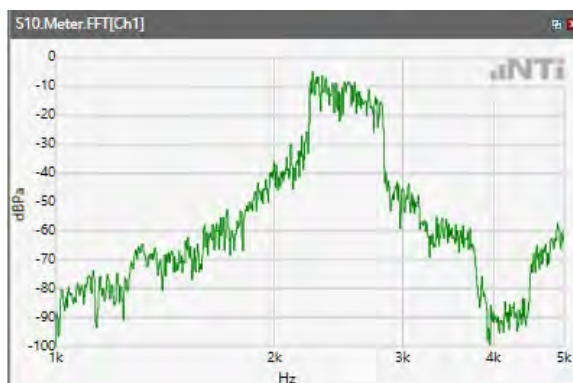
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\WCDMA Band V



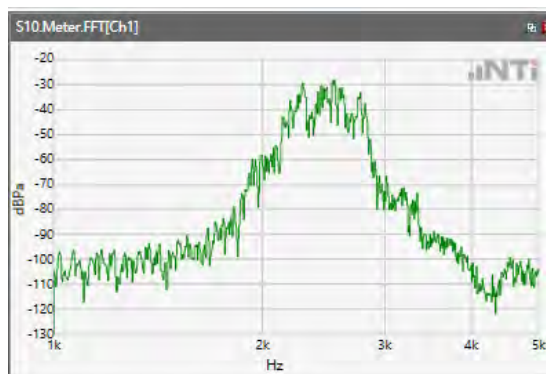
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 2



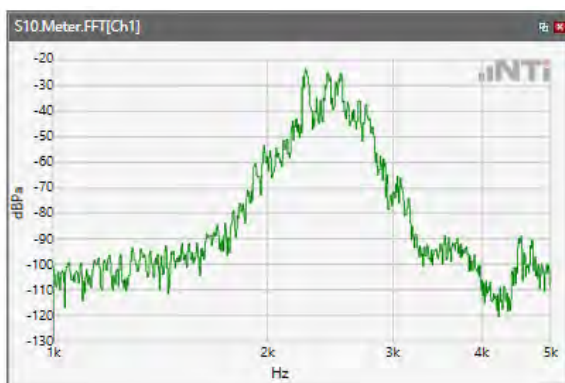
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 5



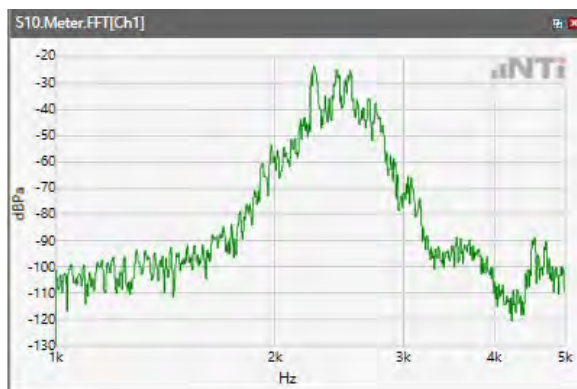
ANSI/TIA 5050-2018 \ 2N HAC ON \ NB 12.2kbps\ 5.2 Receive path – distortion and noise\LTE Band 12



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

