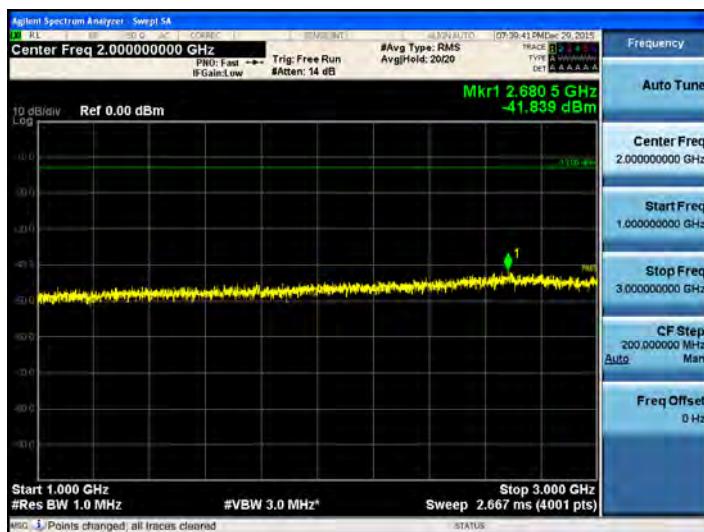


30MHz ~ 1GHz-3

30MHz ~ 1GHz-4

1GHz ~ 3GHz

3GHz ~ 12.75GHz


Band Edge_UMTS Downlink Low



Band Edge_UMTS Downlink High



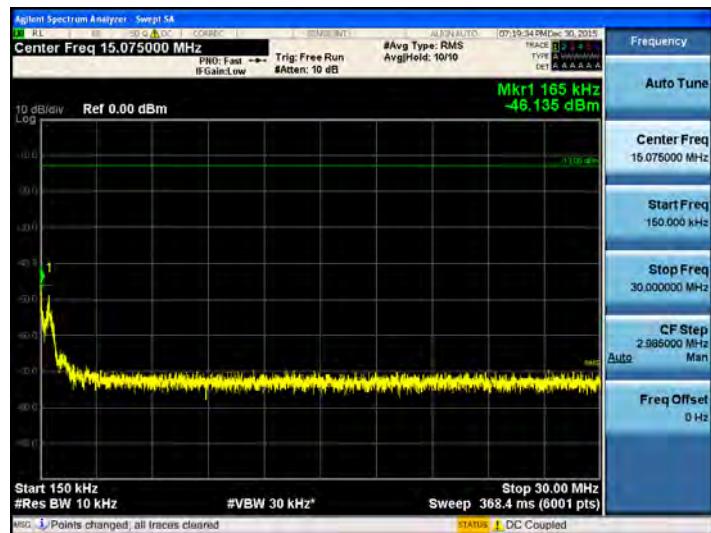
SMR800, 850Cellular Band CDMA

[SMR800, 850Cellular Band CDMA Downlink Low]

9kHz ~ 150kHz



150kHz ~ 30MHz



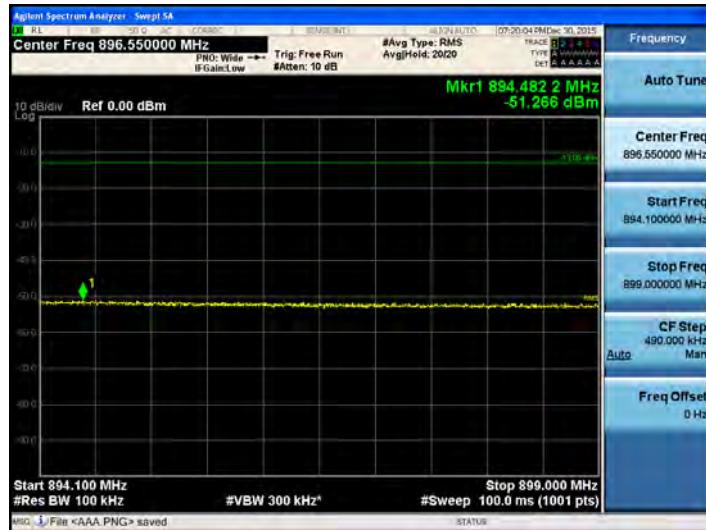
30MHz ~ 1GHz-1



30MHz ~ 1GHz-2



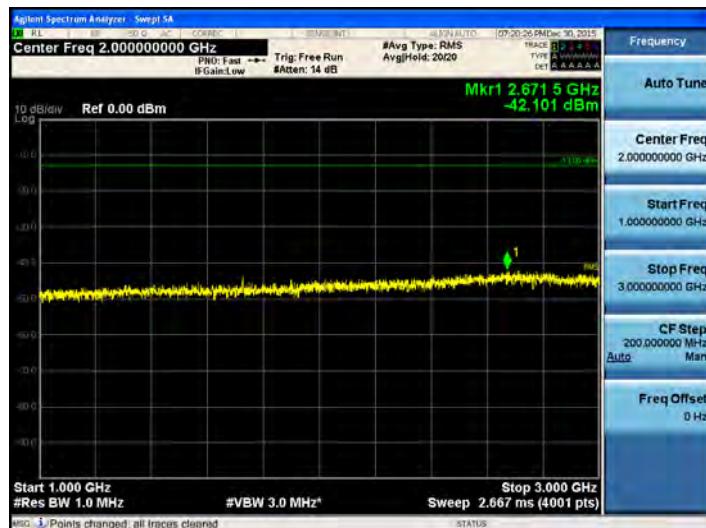
30MHz ~ 1GHz-3



30MHz ~ 1GHz-4



1GHz ~ 3GHz



3GHz ~ 12.75GHz

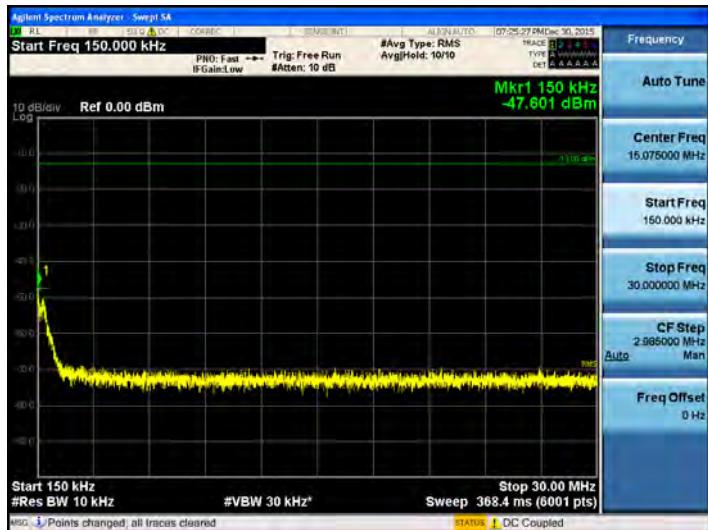


[SMR800, 850Cellular Band _CDMA Downlink Mid]

9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz-1



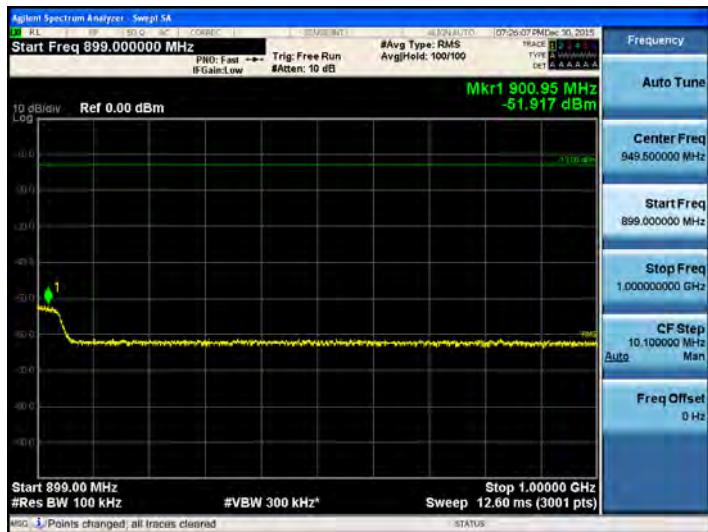
30MHz ~ 1GHz-2



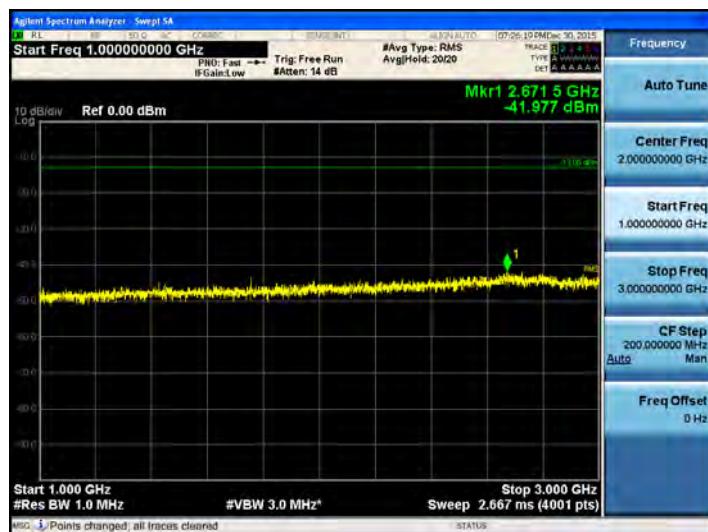
30MHz ~ 1GHz-3



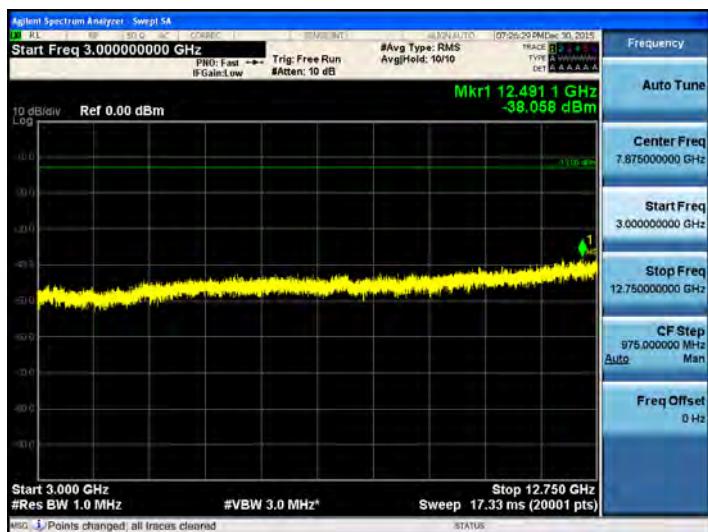
30MHz ~ 1GHz-4



1GHz ~ 3GHz



3GHz ~ 12.75GHz

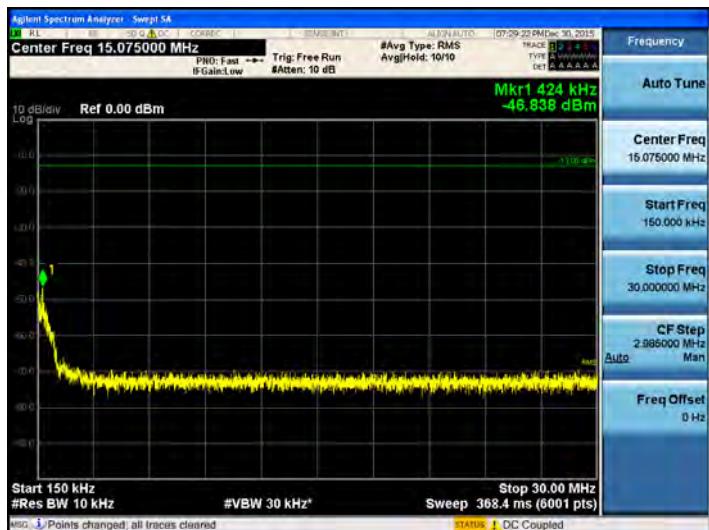


[SMR800, 850Cellular Band CDMA Downlink High]

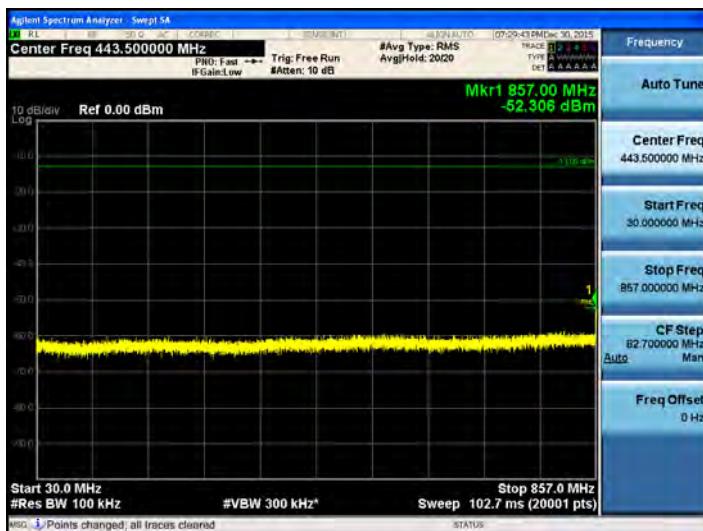
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz-1

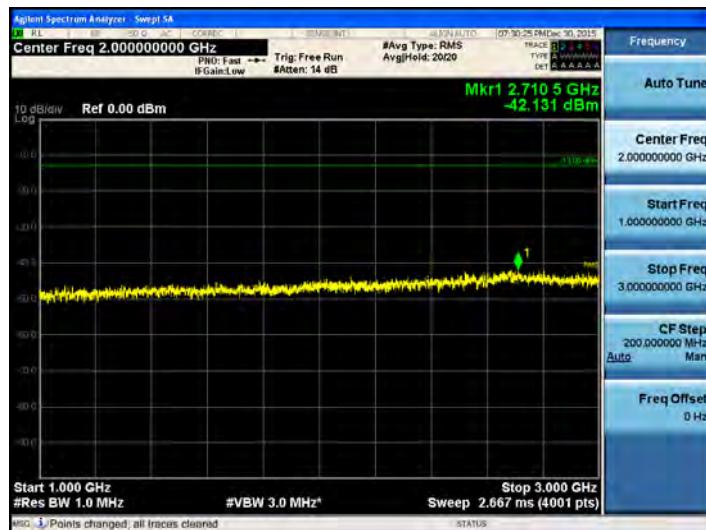
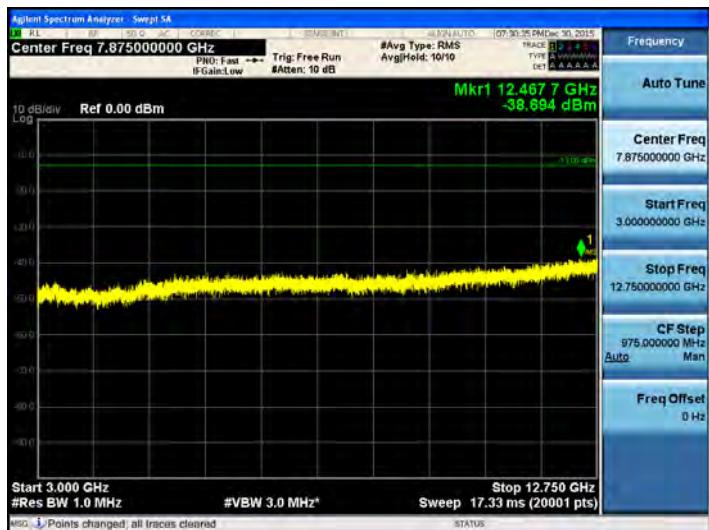


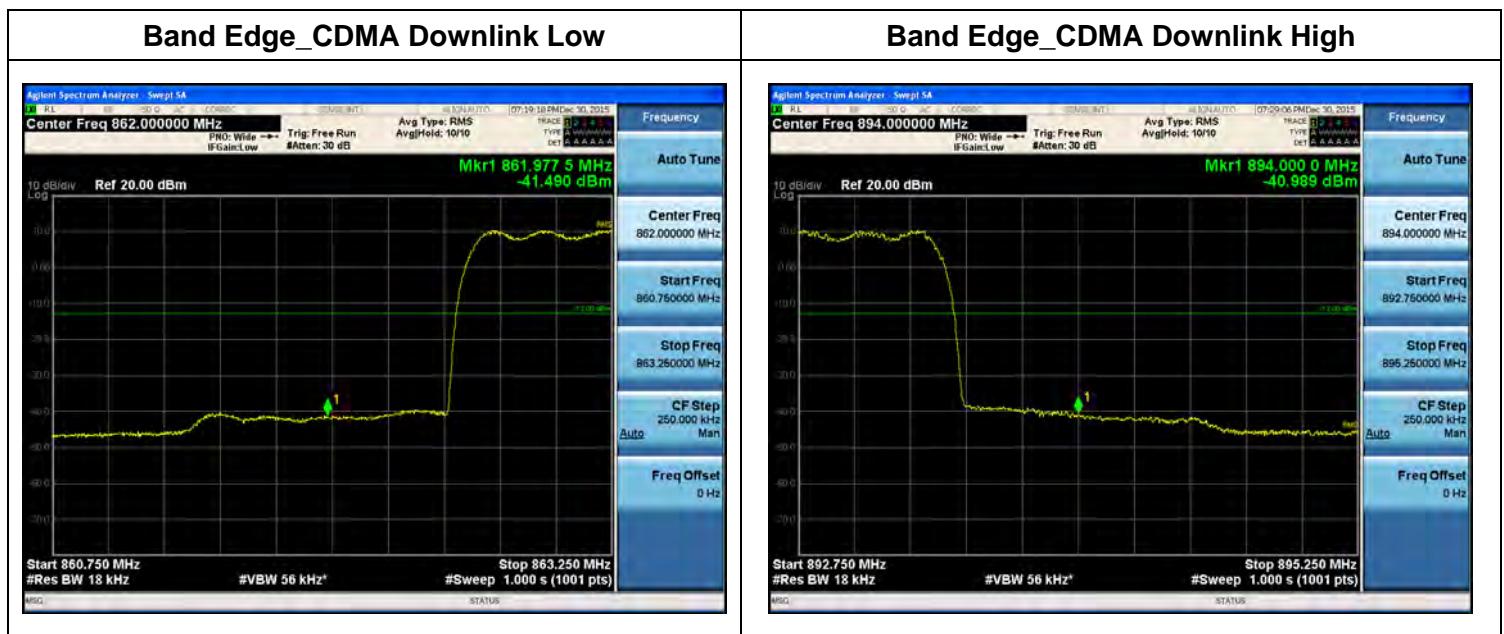
30MHz ~ 1GHz-2



30MHz ~ 1GHz-3

30MHz ~ 1GHz-4

1GHz ~ 3GHz

3GHz ~ 12.75GHz




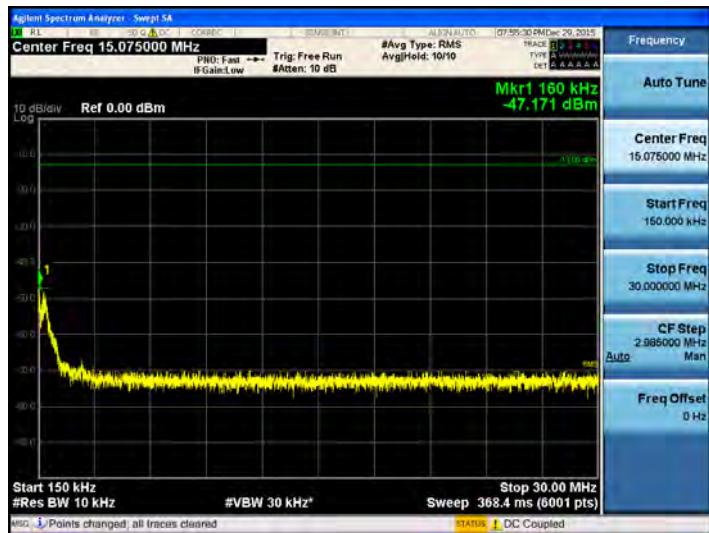
850Cellular Band GSM

[850Cellular Band GSM Downlink Low]

9kHz ~ 150kHz



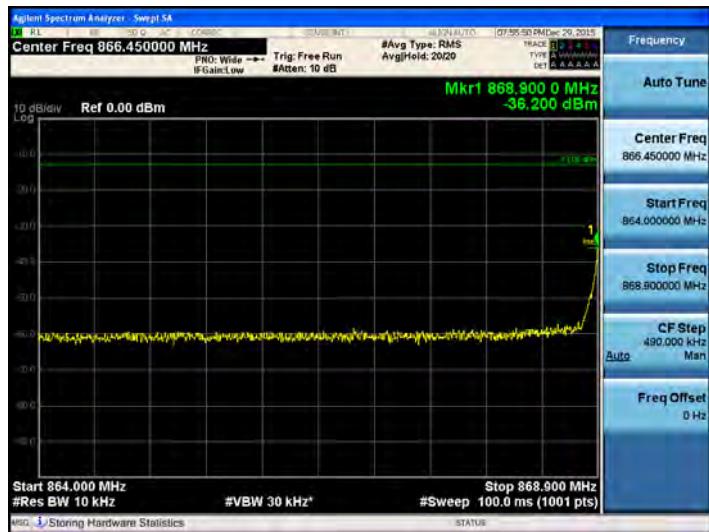
150kHz ~ 30MHz

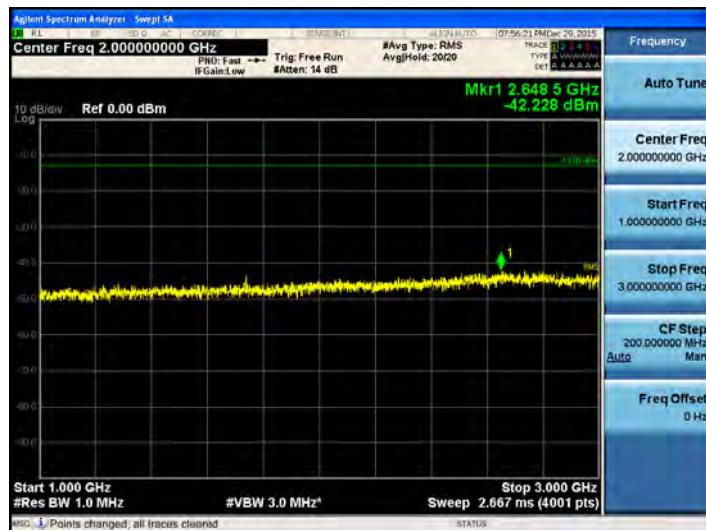


30MHz ~ 1GHz-1



30MHz ~ 1GHz-2

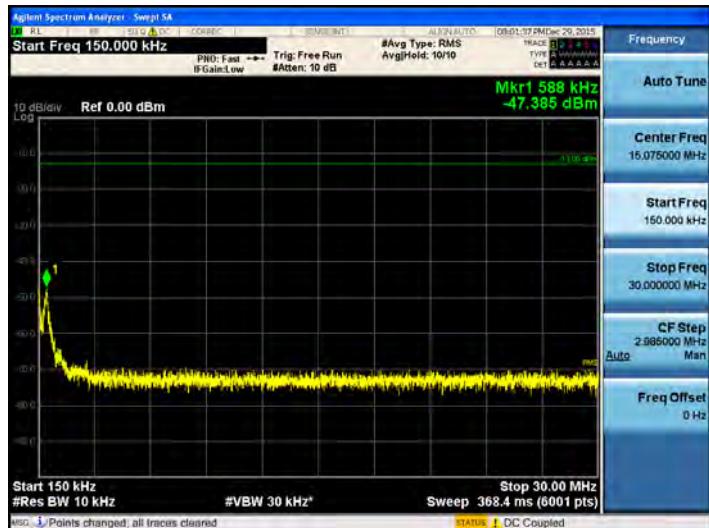


30MHz ~ 1GHz-3**30MHz ~ 1GHz-4****1GHz ~ 3GHz****3GHz ~ 12.75GHz**

[850 Cellular Band _ GSM Downlink Mid]

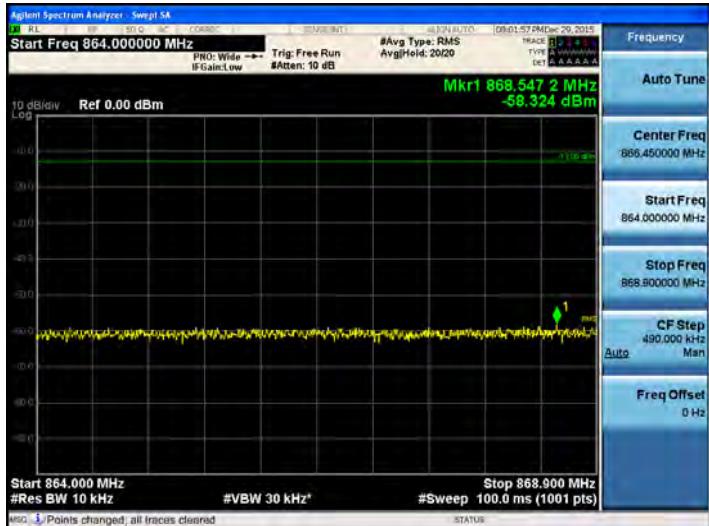
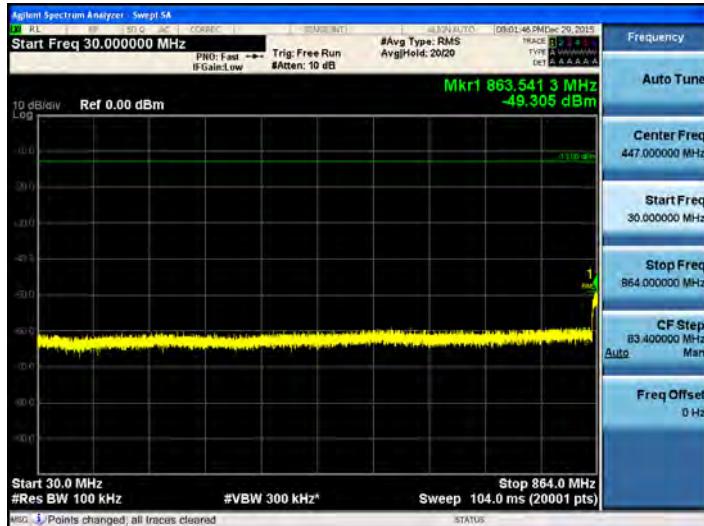
9kHz ~ 150kHz

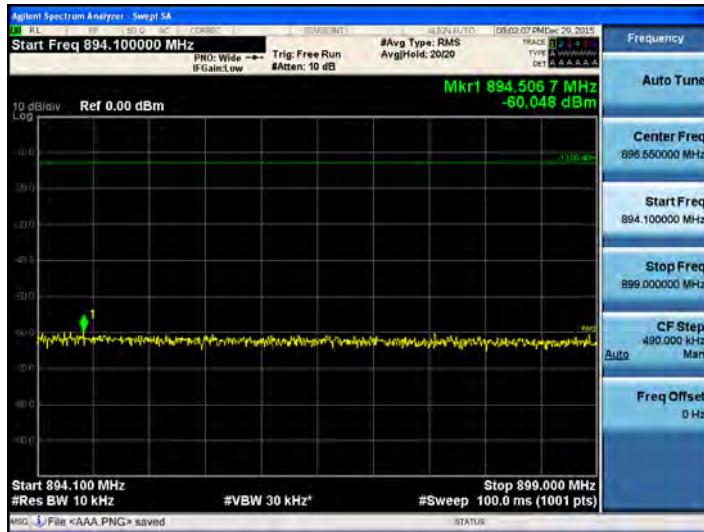
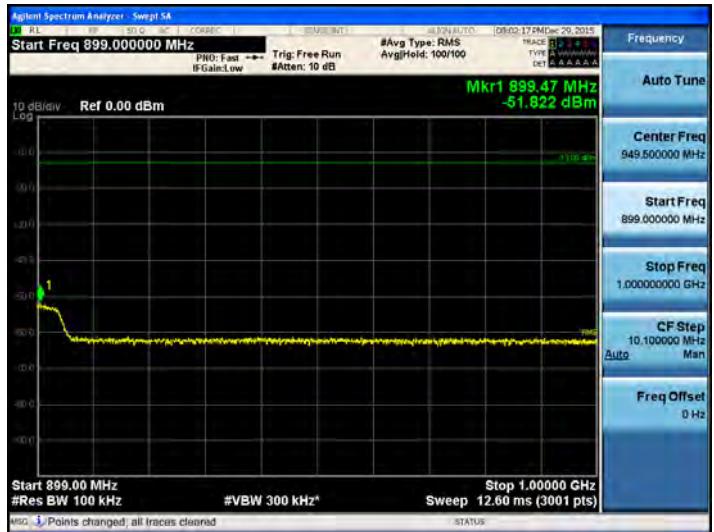
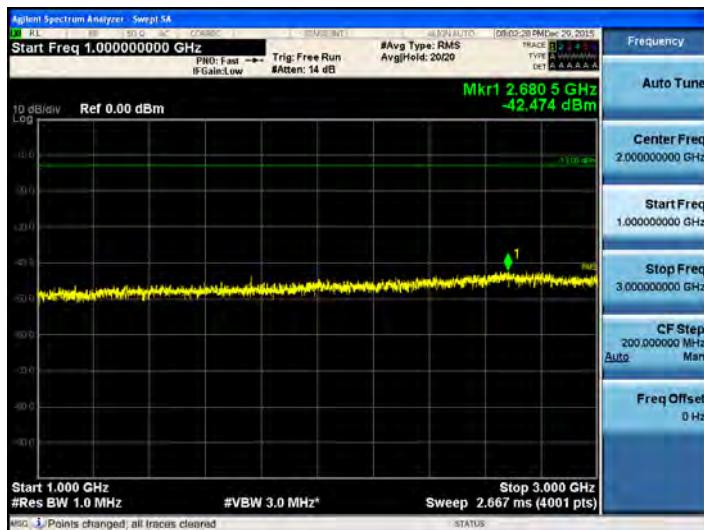
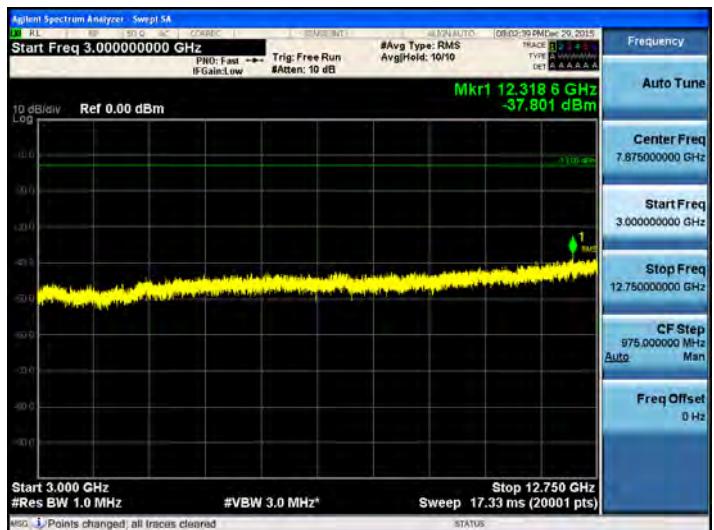
150kHz ~ 30MHz



30MHz ~ 1GHz-1

30MHz ~ 1GHz-2



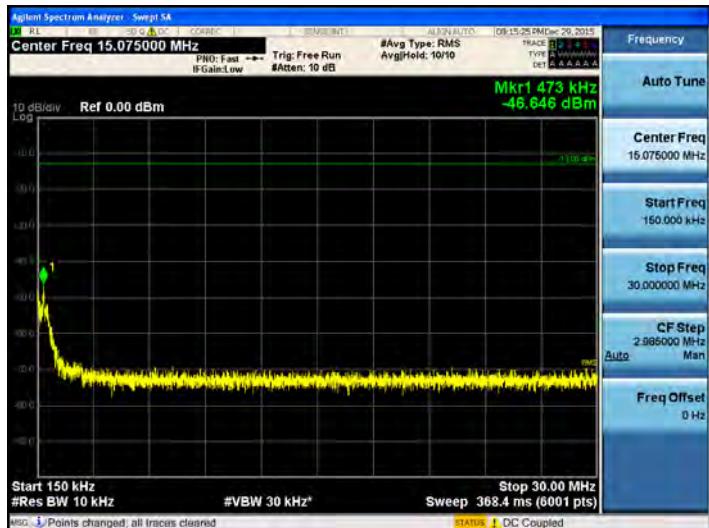
30MHz ~ 1GHz-3

30MHz ~ 1GHz-4

1GHz ~ 3GHz

3GHz ~ 12.75GHz


[850Celluar Band GSM Downlink High]

9kHz ~ 150kHz



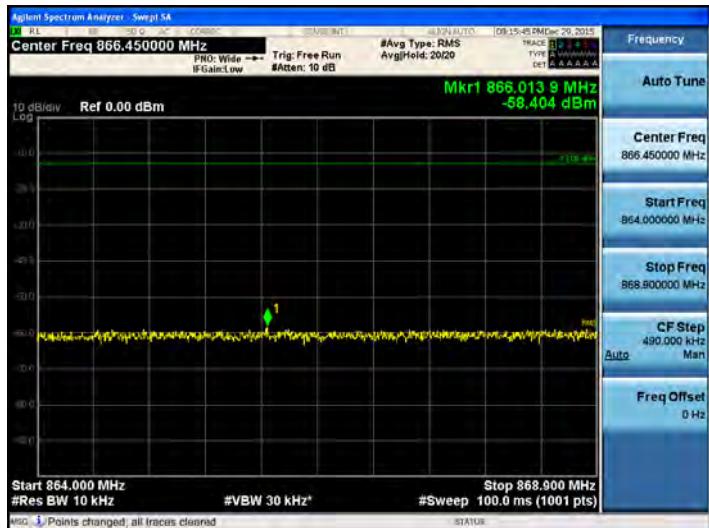
150kHz ~ 30MHz

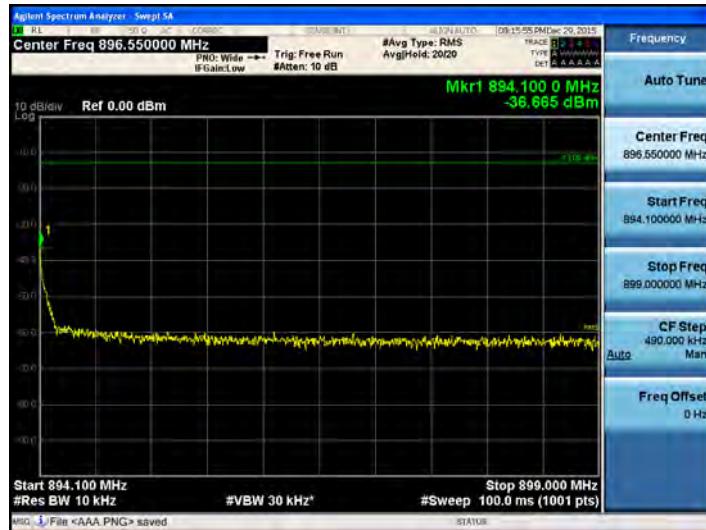


30MHz ~ 1GHz-1



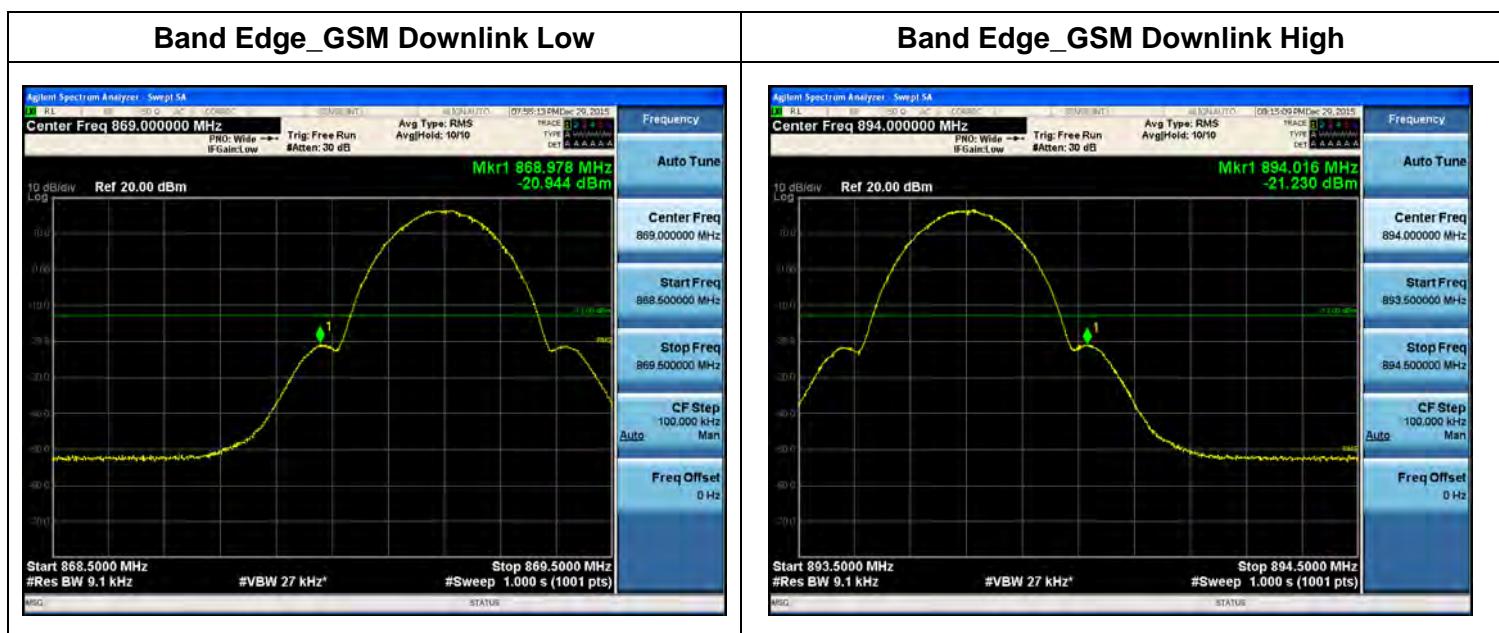
30MHz ~ 1GHz-2



30MHz ~ 1GHz-3

30MHz ~ 1GHz-4

1GHz ~ 3GHz

3GHz ~ 12.75GHz

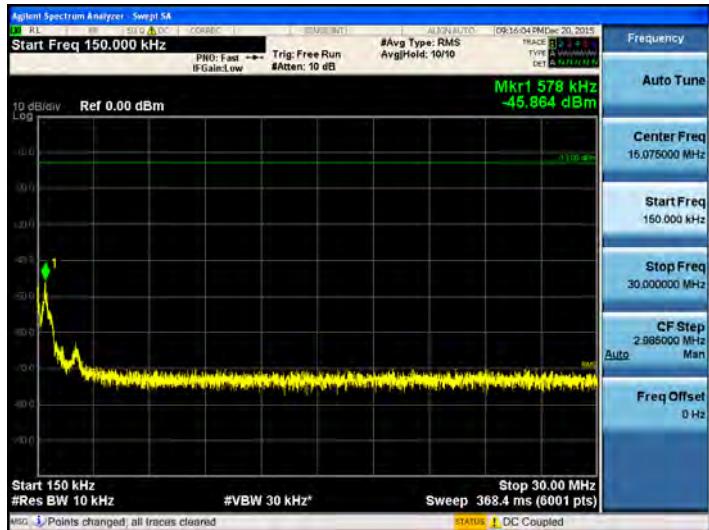
AWS2100 Band LTE 5MHz

[AWS2100 Band LTE 5MHz Downlink Low]

9kHz ~ 150kHz



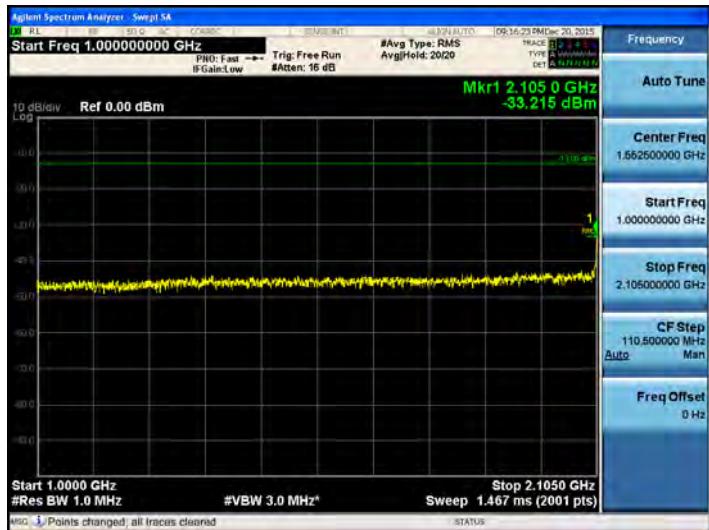
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

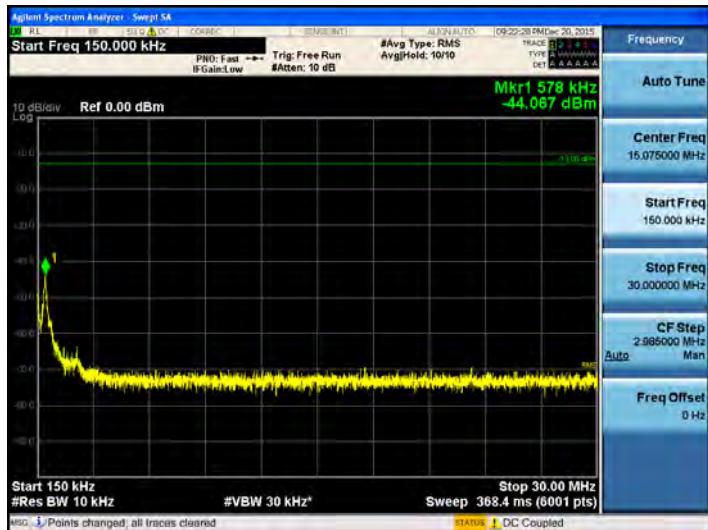
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band _LTE 5MHz Downlink Mid]

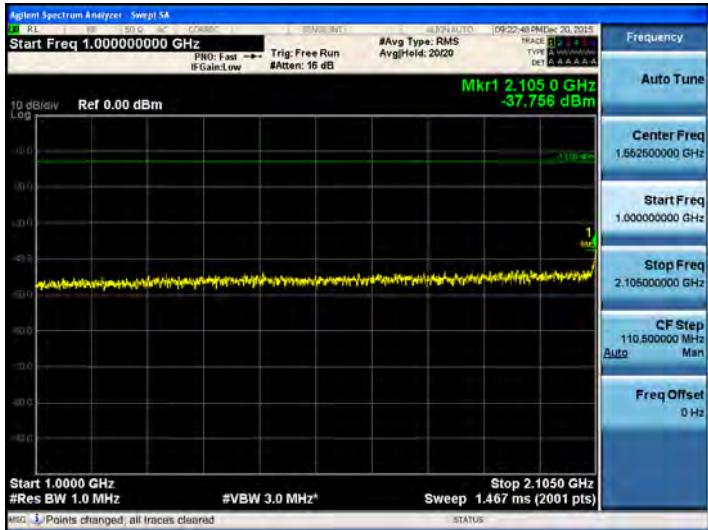
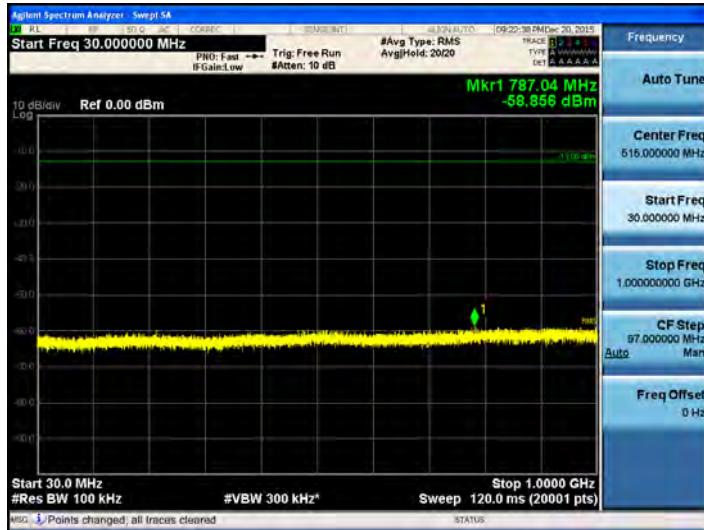
9kHz ~ 150kHz

150kHz ~ 30MHz

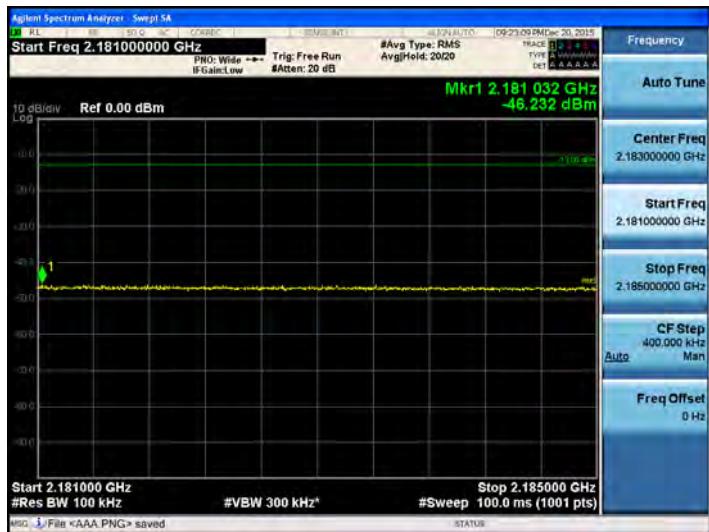


30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

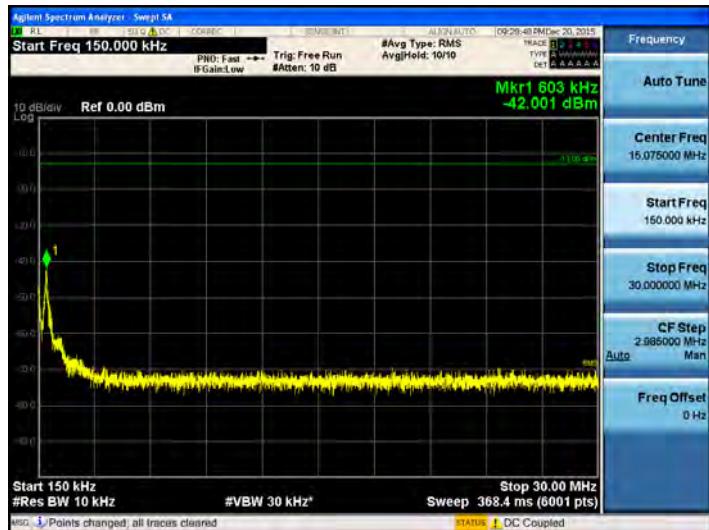
1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band LTE 5MHz Downlink High]

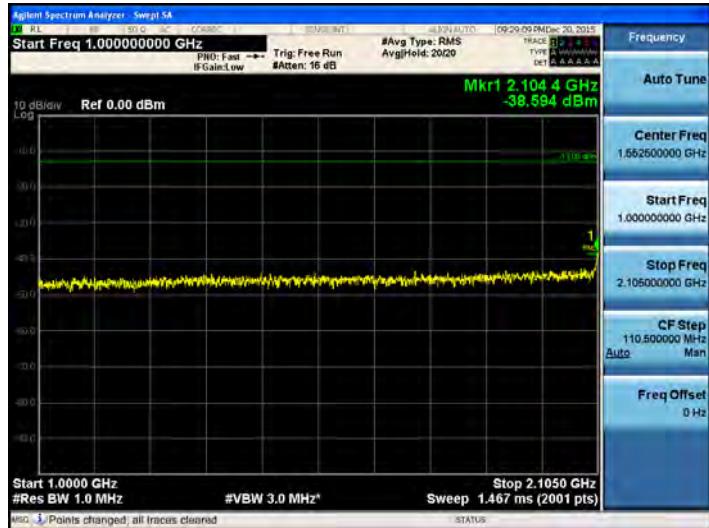
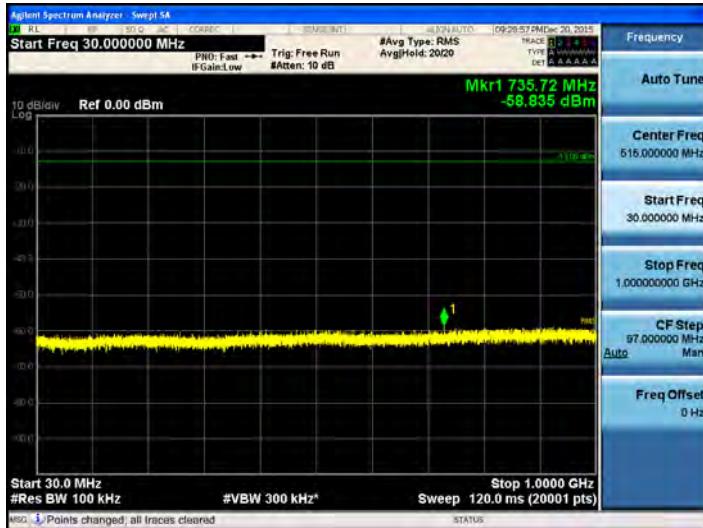
9kHz ~ 150kHz

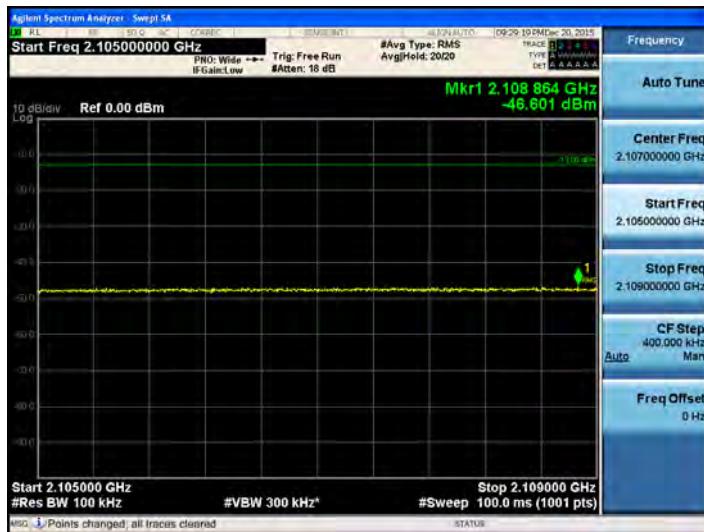
150kHz ~ 30MHz



30MHz ~ 1GHz

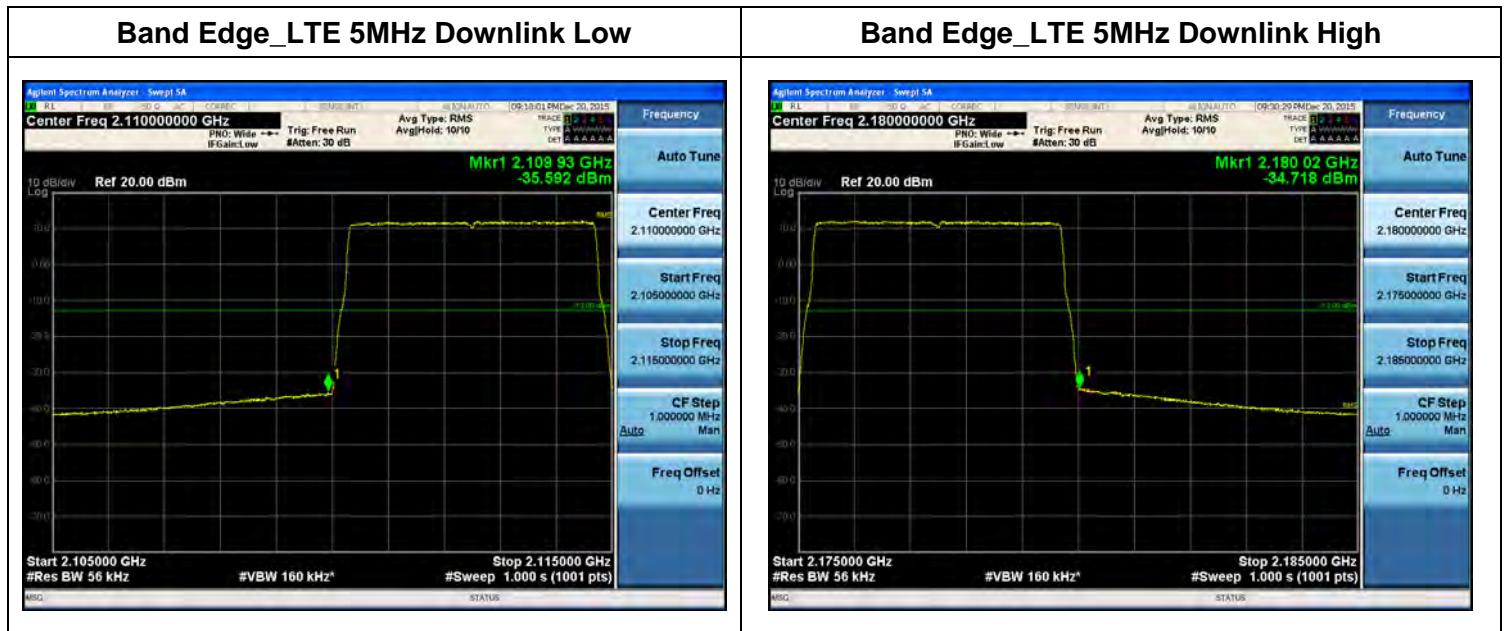
1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

3GHz ~ 26.5GHz

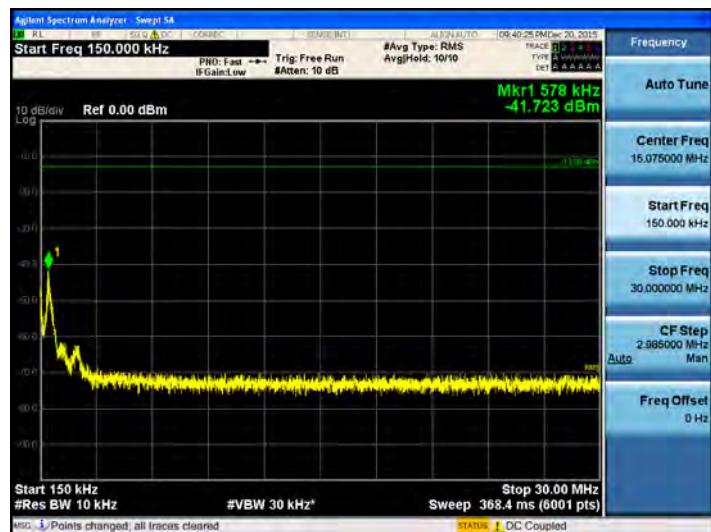



AWS2100 Band LTE 10MHz

[AWS2100 Band LTE 10MHz Downlink Low]

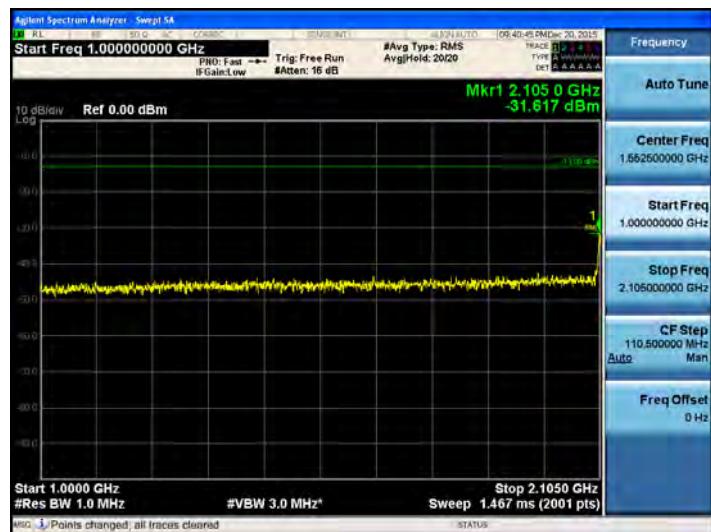
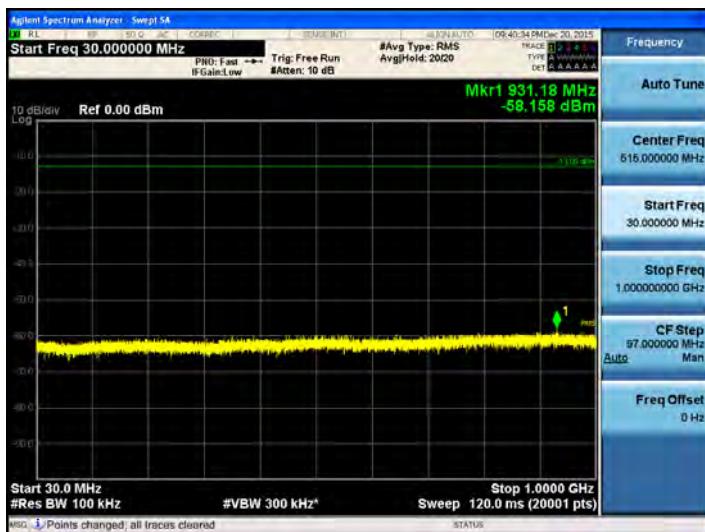
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

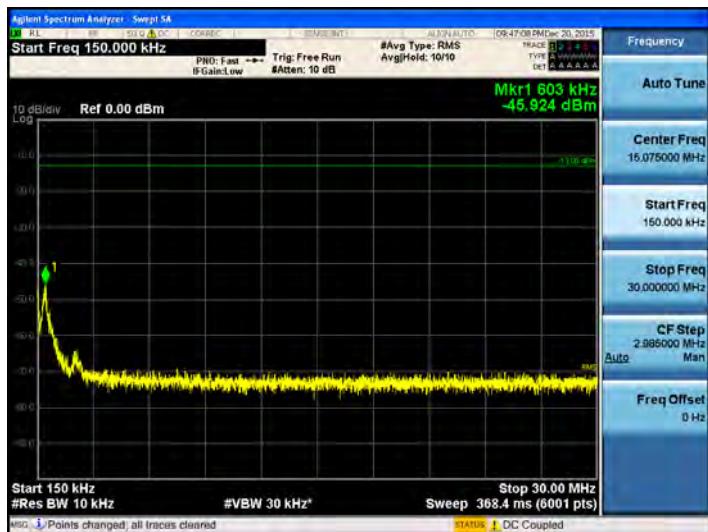
3GHz ~ 26.5GHz


[AWS2100 Band _LTE 10MHz Downlink Mid]

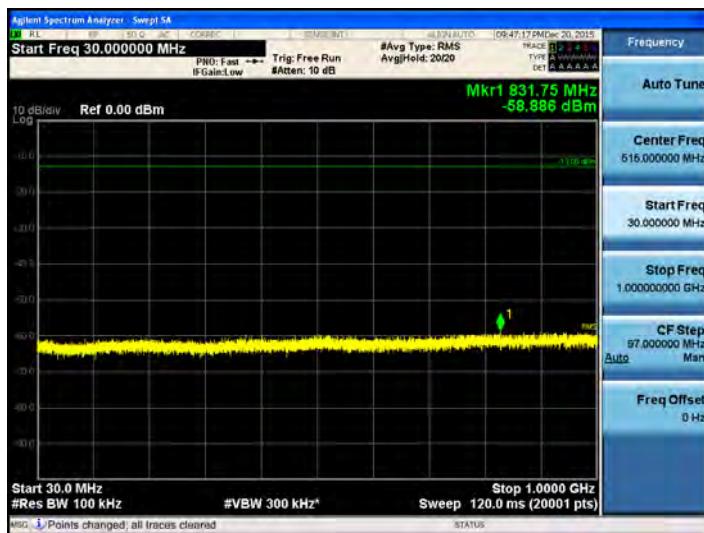
9kHz ~ 150kHz



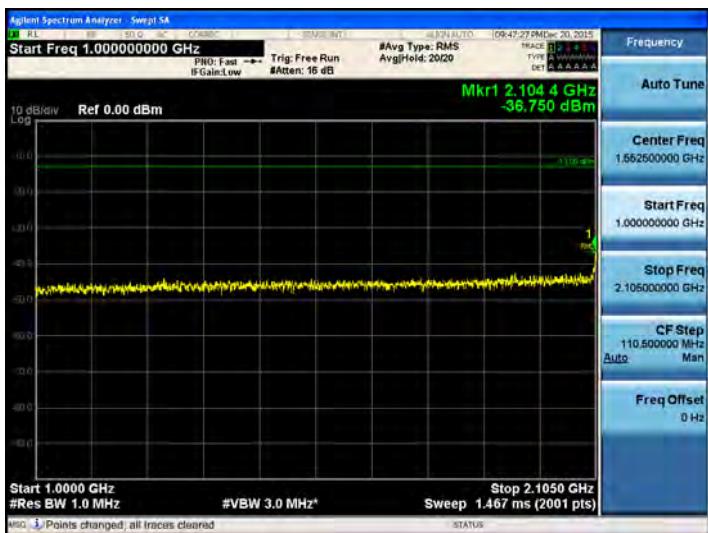
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



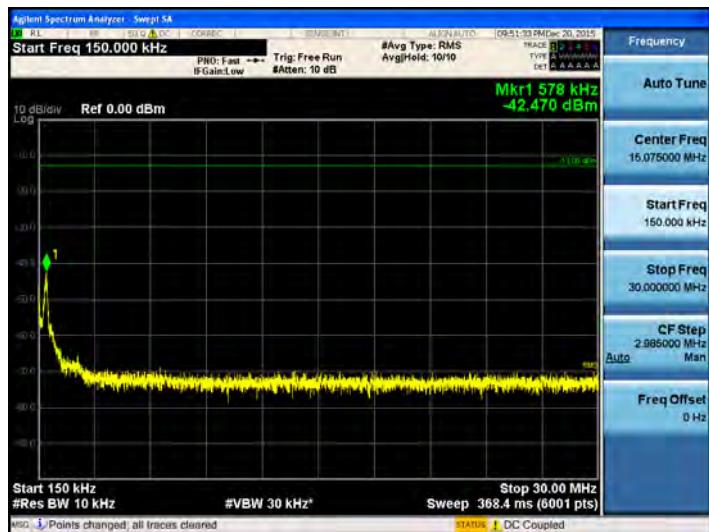
3GHz ~ 26.5GHz



[AWS2100 Band LTE 10MHz Downlink High]

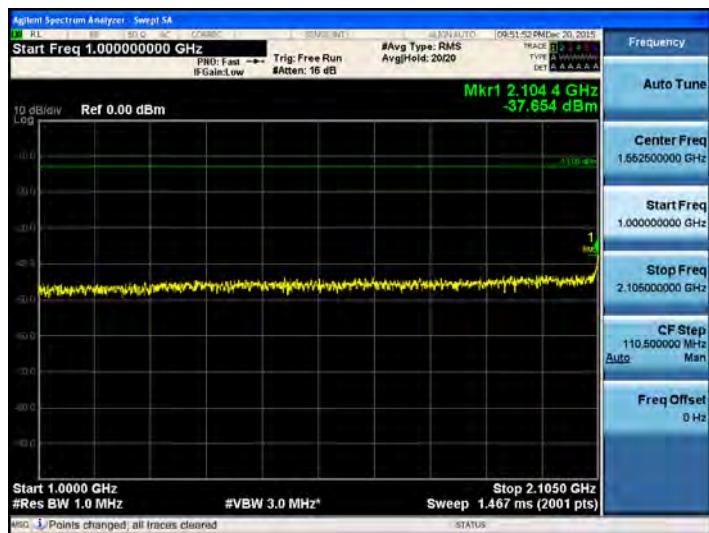
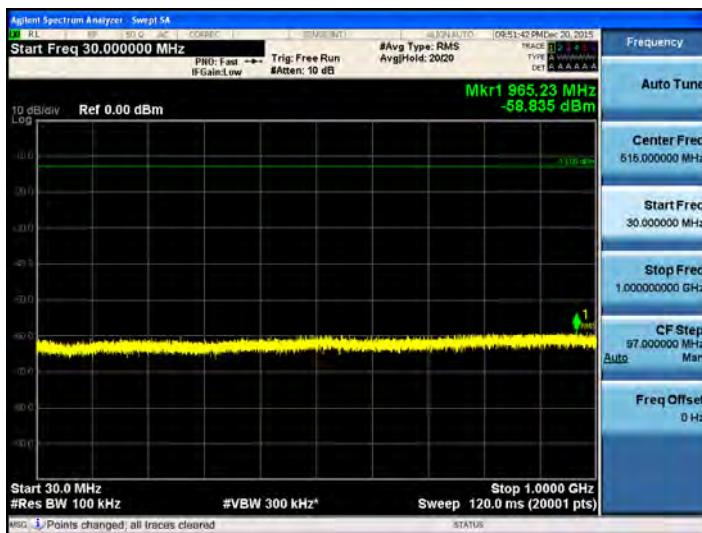
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE 10MHz Downlink Low

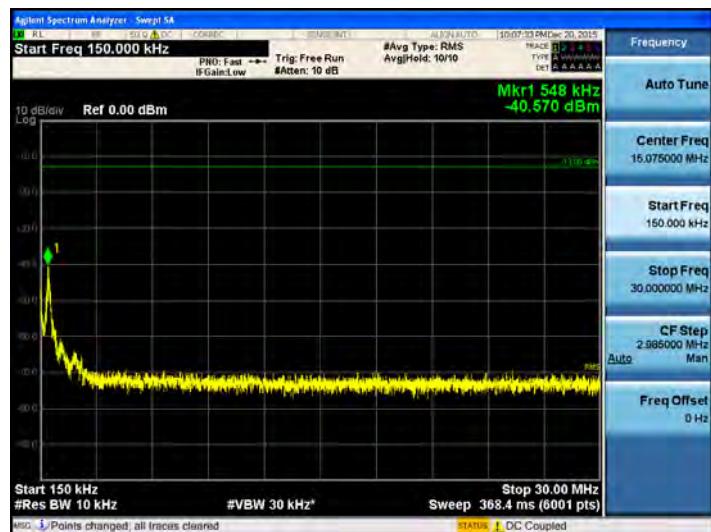
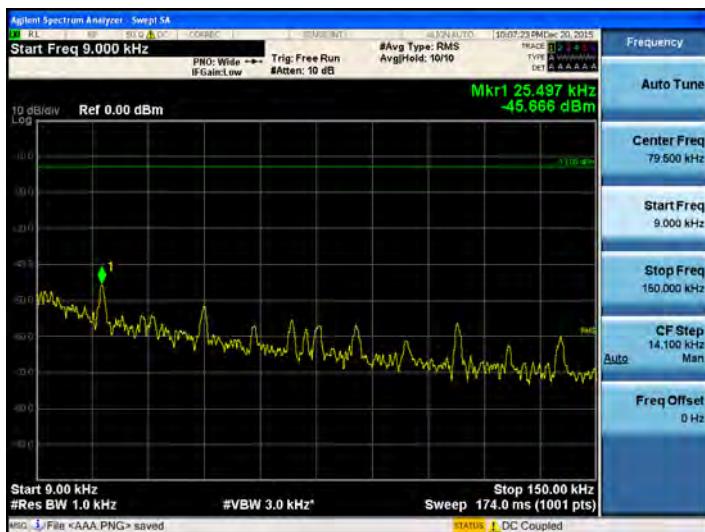
Band Edge_LTE 10MHz Downlink High


AWS2100 Band LTE 15MHz

[AWS2100 Band LTE 15MHz Downlink Low]

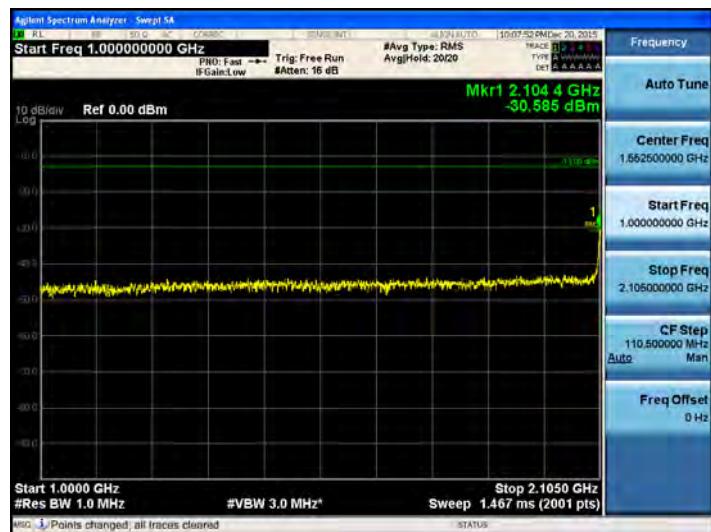
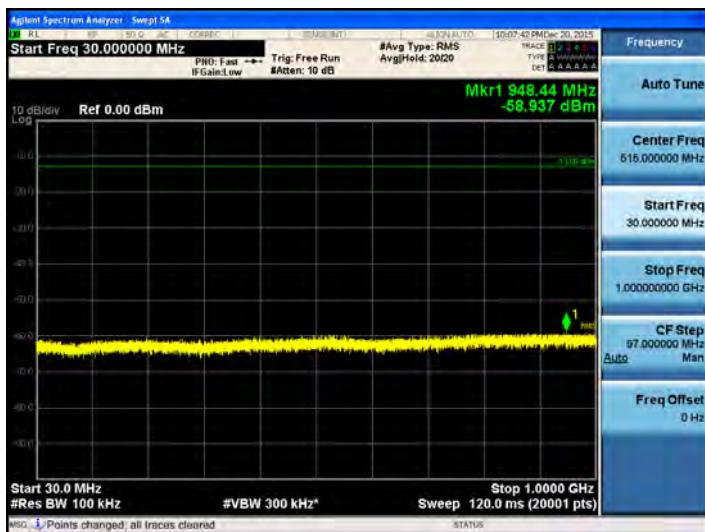
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

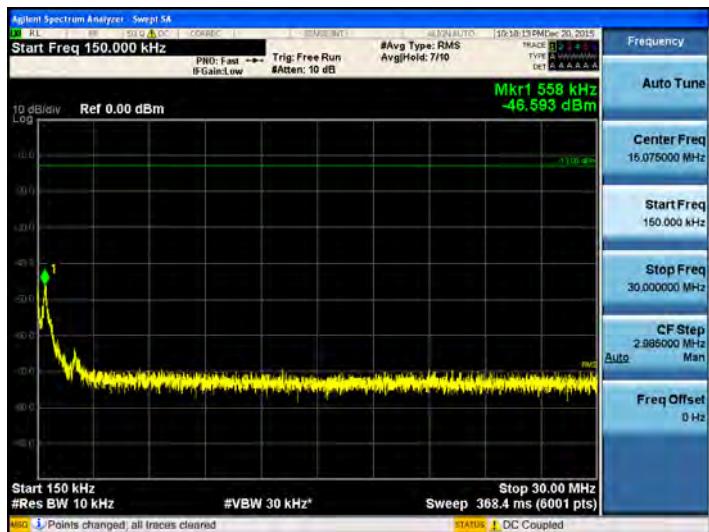
3GHz ~ 26.5GHz


[AWS2100 Band _LTE 15MHz Downlink Mid]

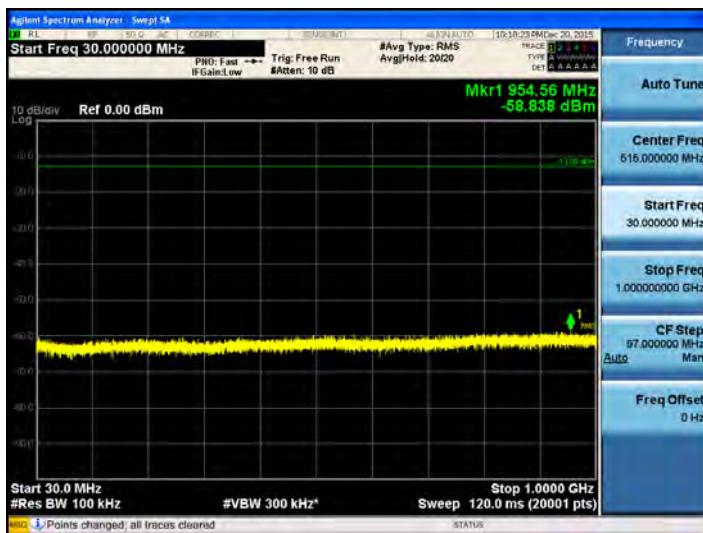
9kHz ~ 150kHz



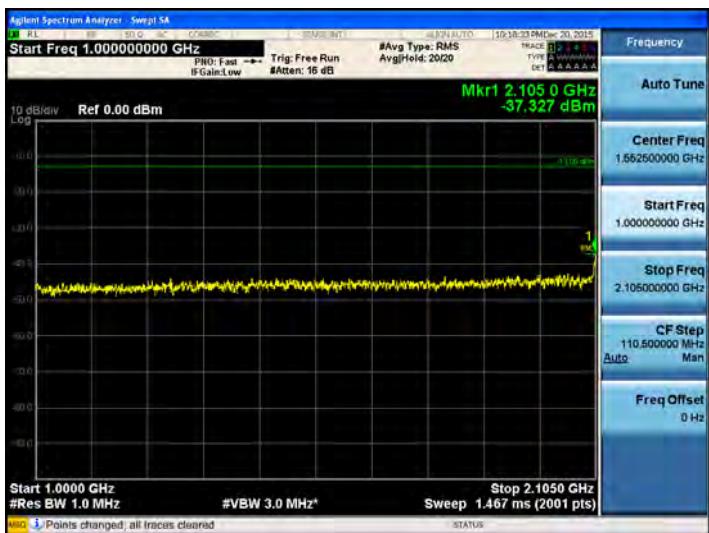
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

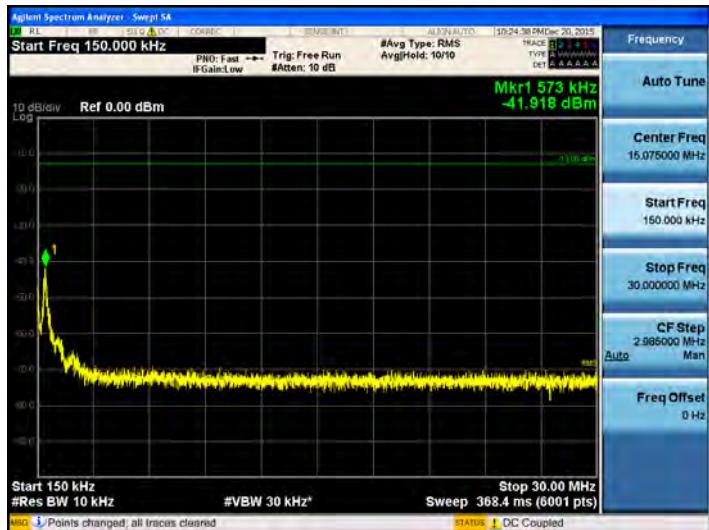
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band LTE 15MHz Downlink High]

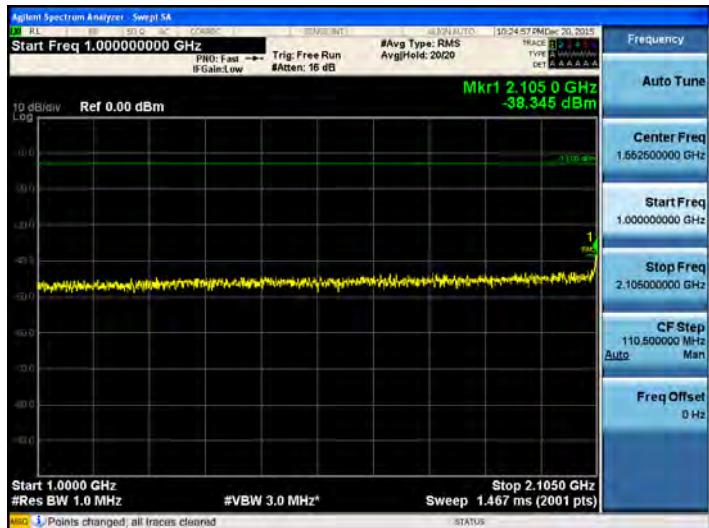
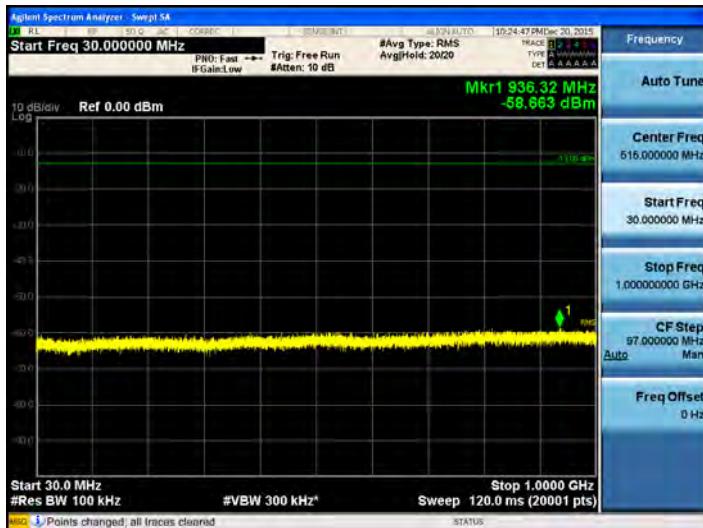
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


Band Edge_LTE 15MHz Downlink Low

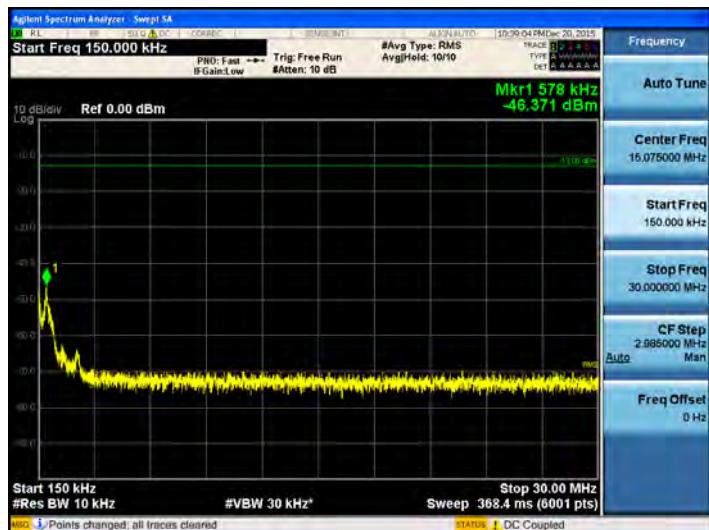
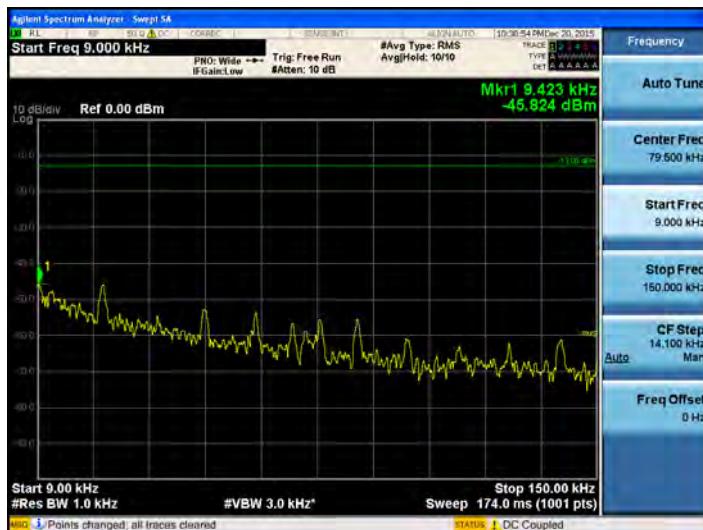
Band Edge_LTE 15MHz Downlink High


AWS2100 Band LTE 20MHz

[AWS2100 Band LTE 20MHz Downlink Low]

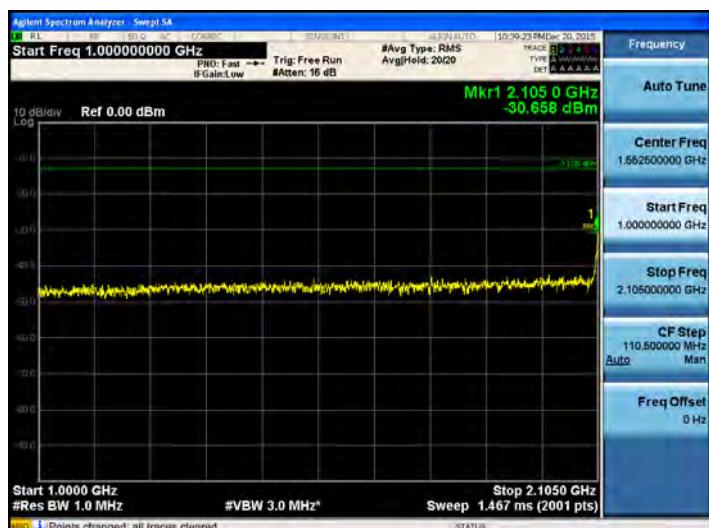
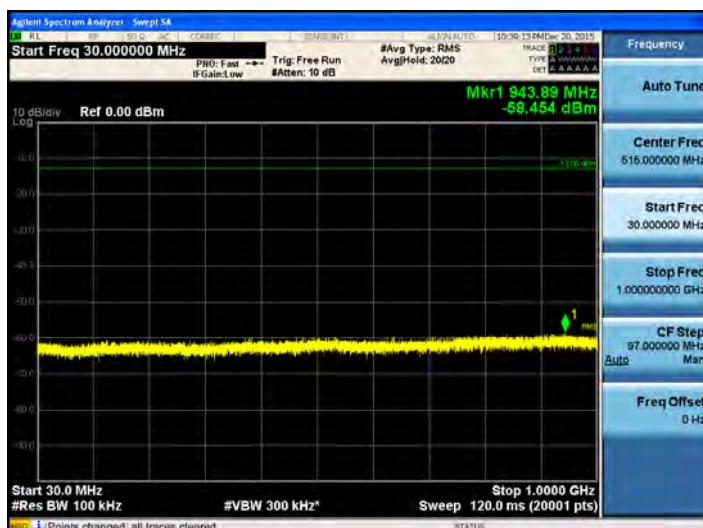
9kHz ~ 150kHz

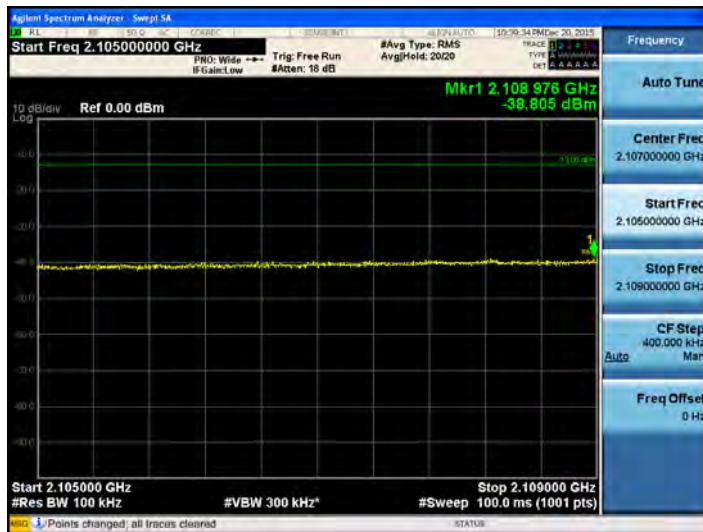
150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

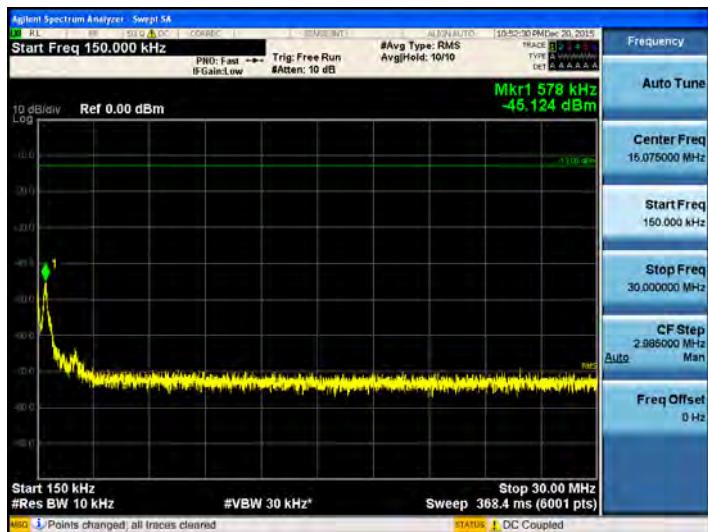
3GHz ~ 26.5GHz


[AWS2100 Band _LTE 20MHz Downlink Mid]

9kHz ~ 150kHz



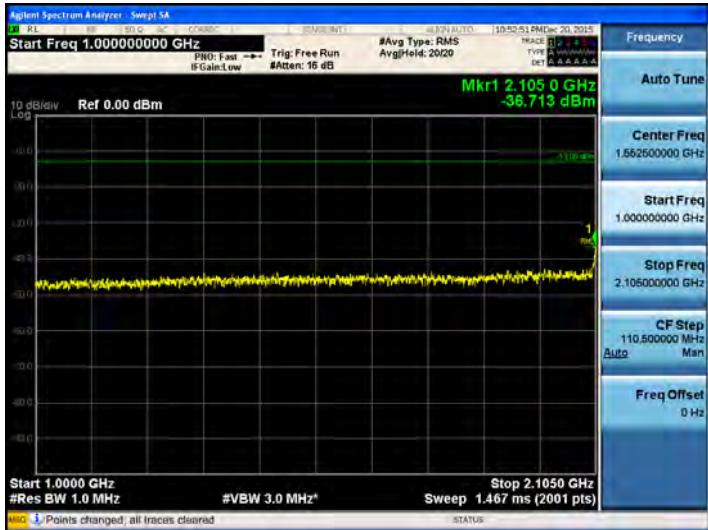
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

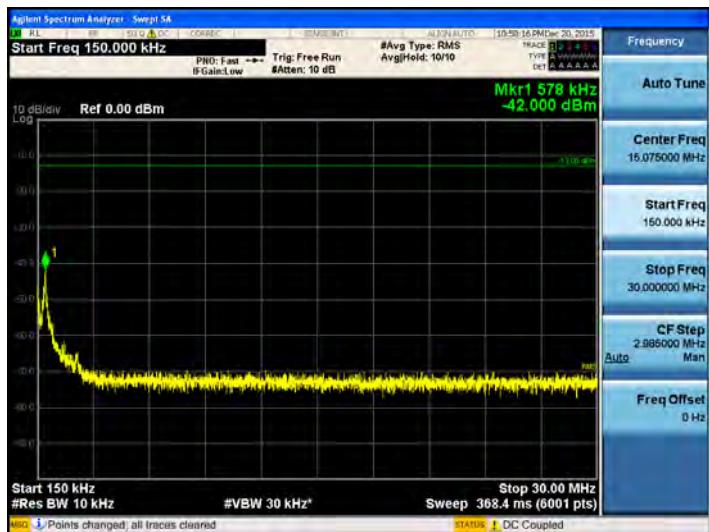
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band LTE 20MHz Downlink High]

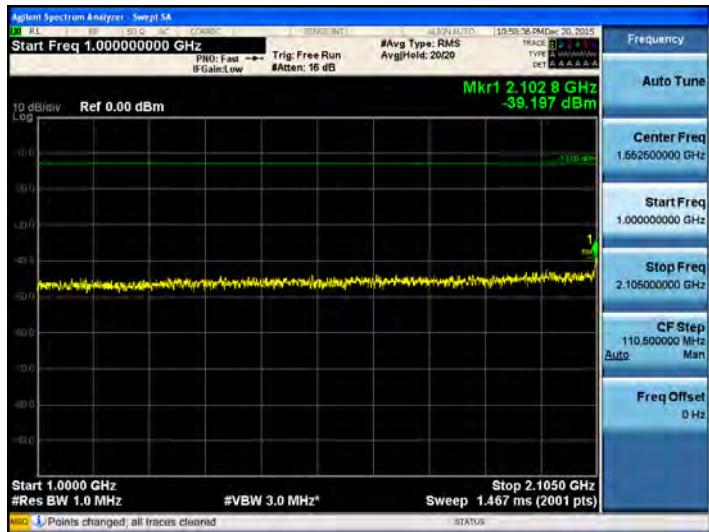
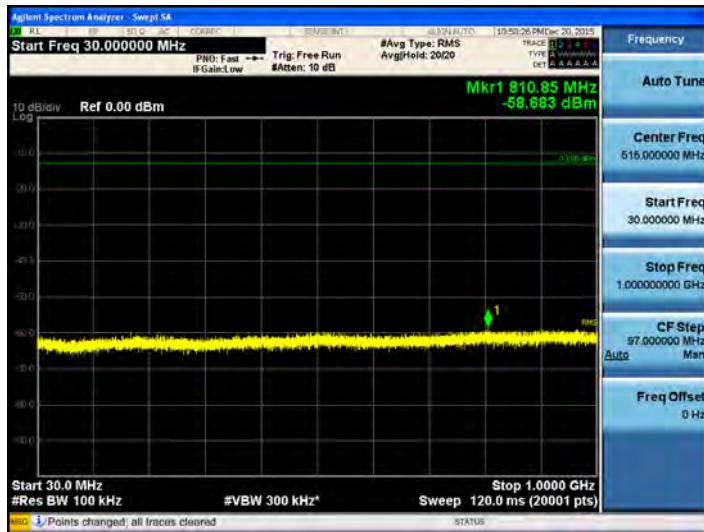
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE 20MHz Downlink Low

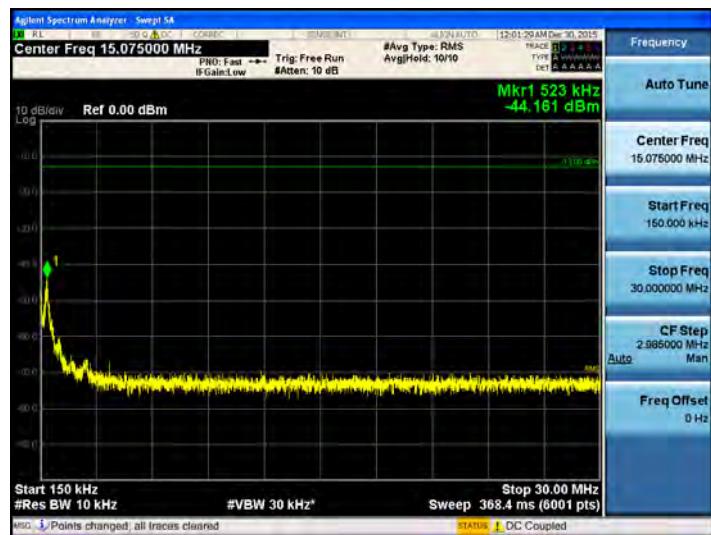
Band Edge_LTE 20MHz Downlink High


AWS2100 Band UMTS

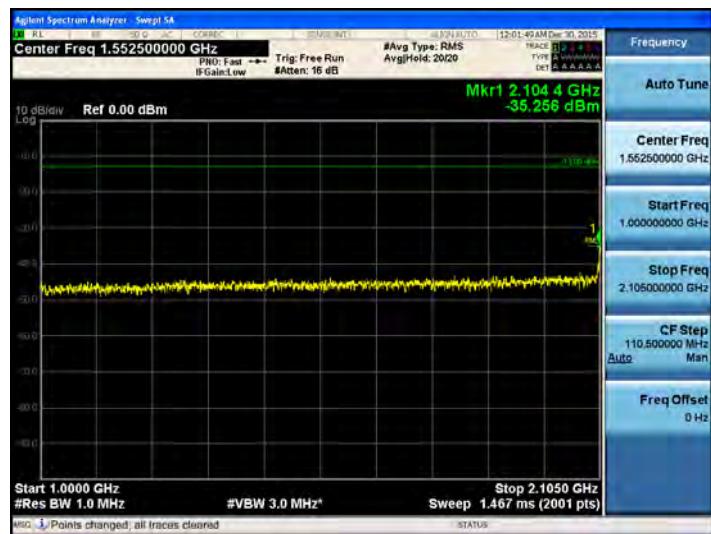
[AWS2100 Band UMTS Downlink Low]

9kHz ~ 150kHz

150kHz ~ 30MHz

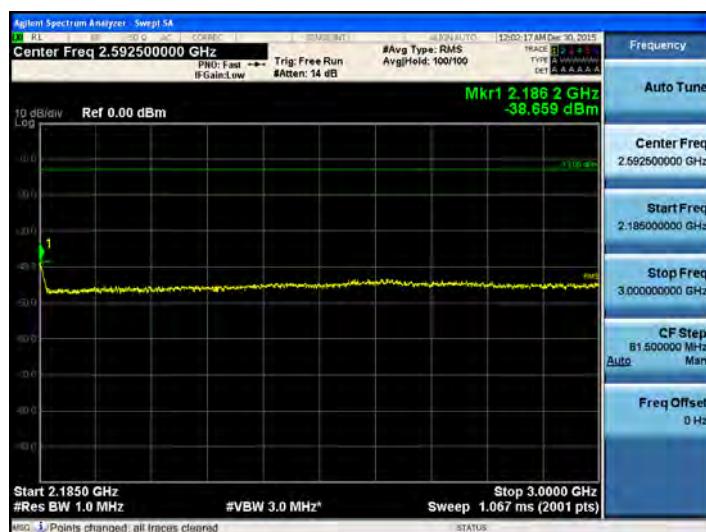


1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

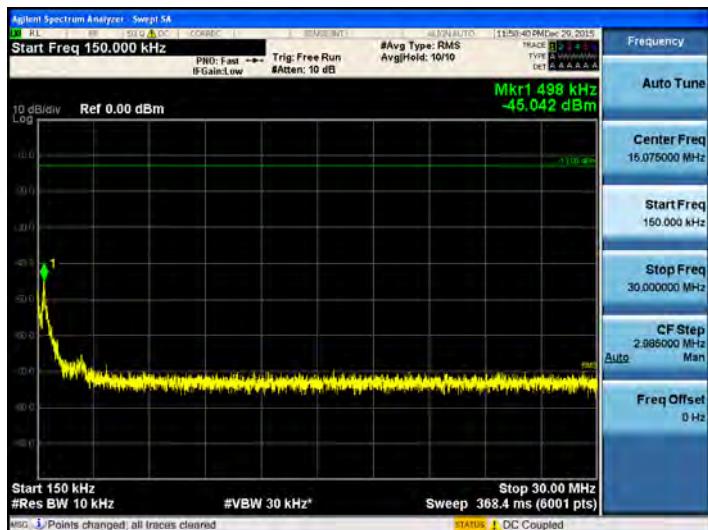
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band _UMTS Downlink Mid]

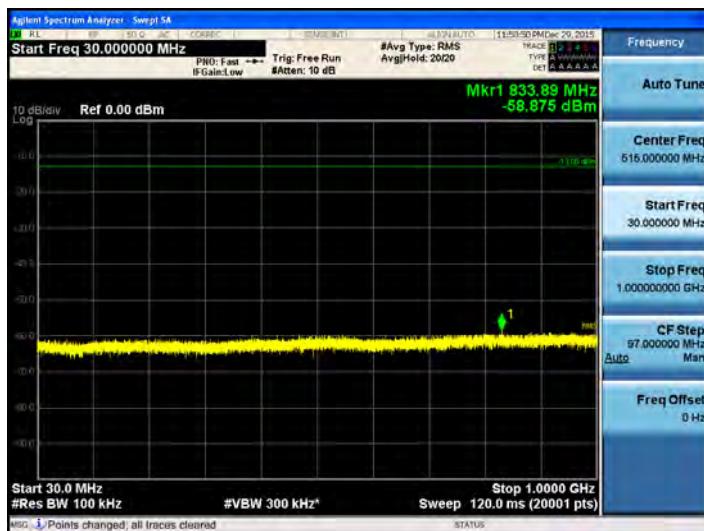
9kHz ~ 150kHz



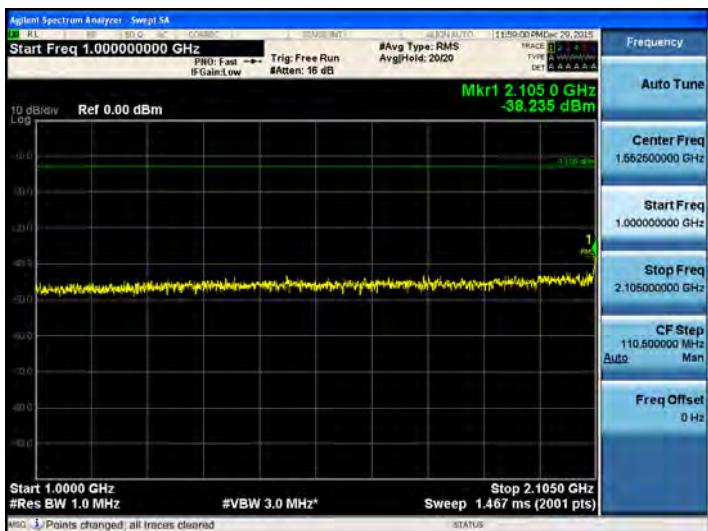
150kHz ~ 30MHz



30MHz ~ 1GHz

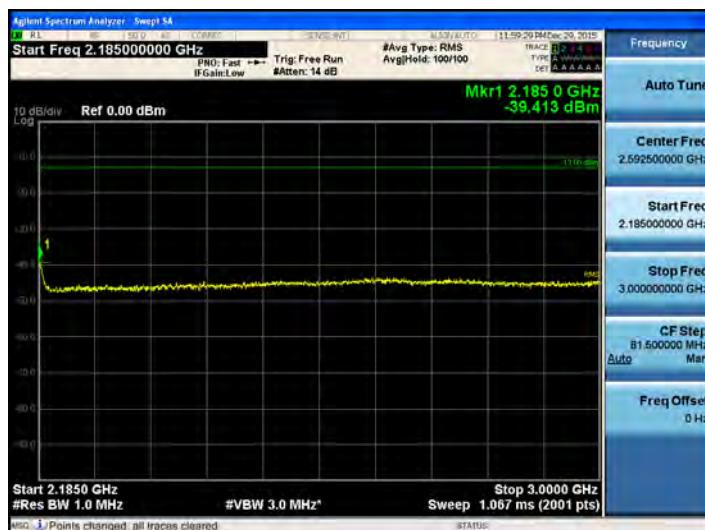


1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

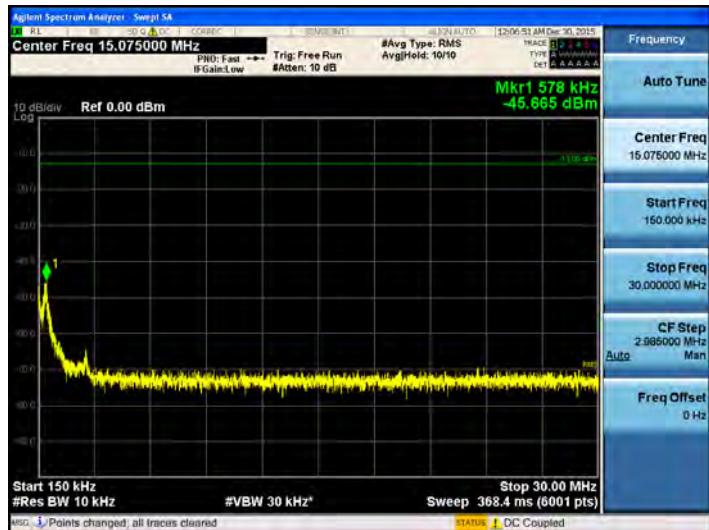
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[AWS2100 Band UMTS Downlink High]

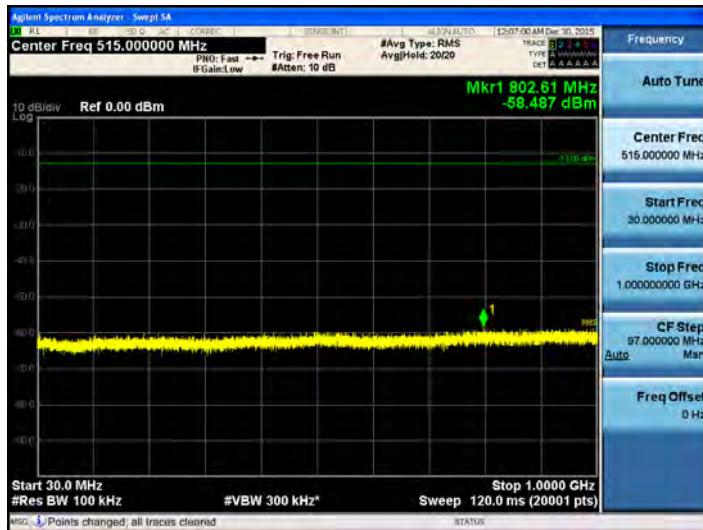
9kHz ~ 150kHz



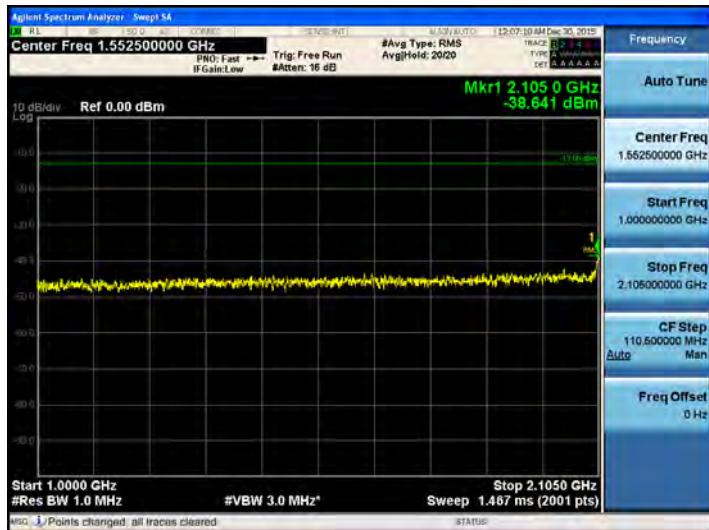
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



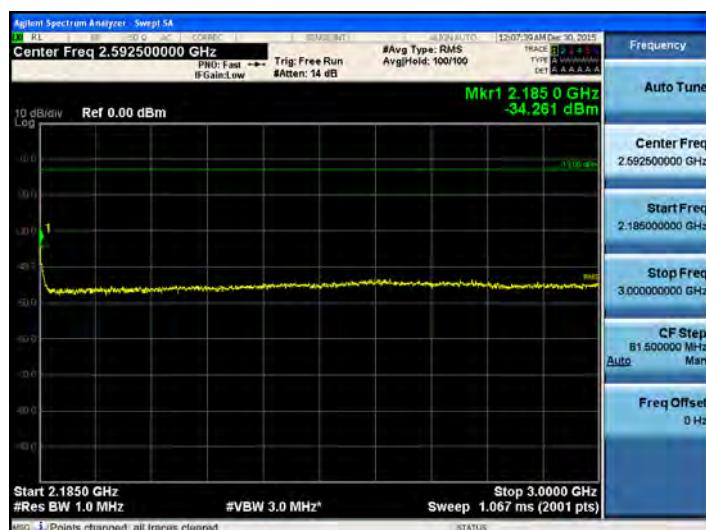
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_UMTS Downlink Low

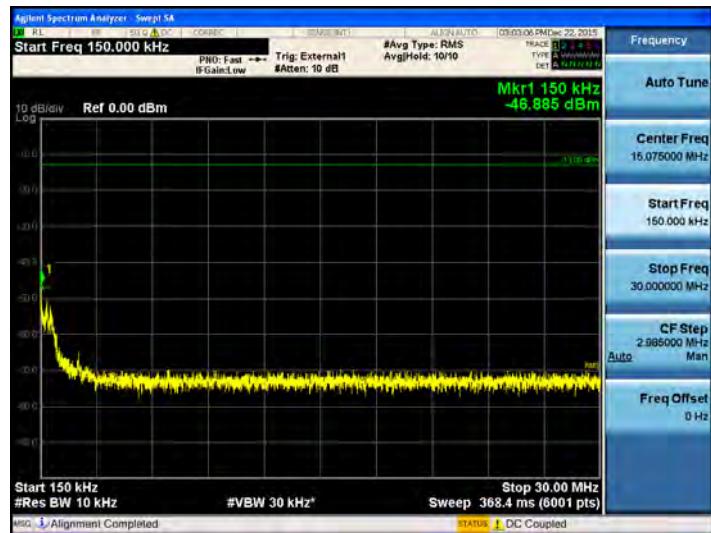
Band Edge_UMTS Downlink High


BRS Band LTE 20MHz

[BRS Band LTE20MHz Downlink Low]

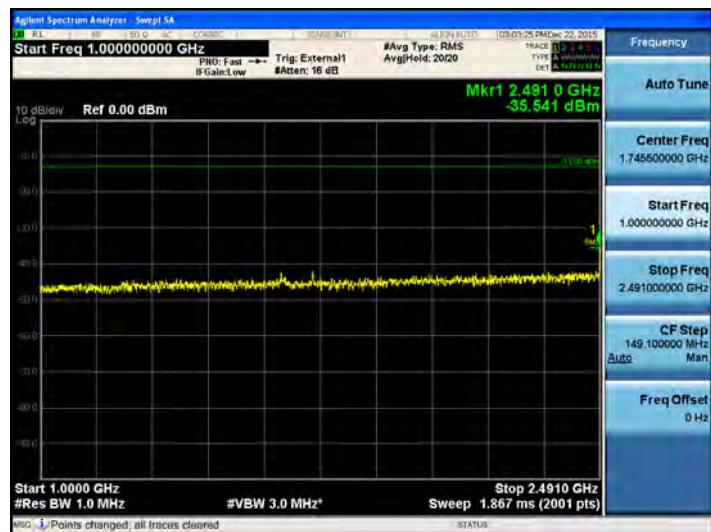
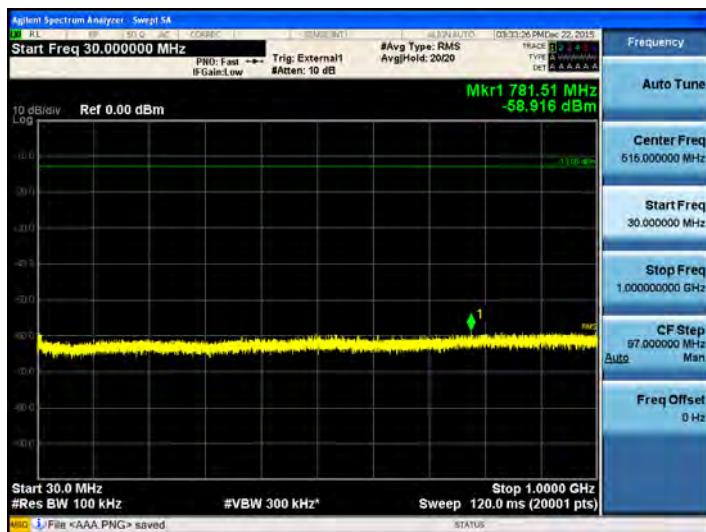
9kHz ~ 150kHz

150kHz ~ 30MHz

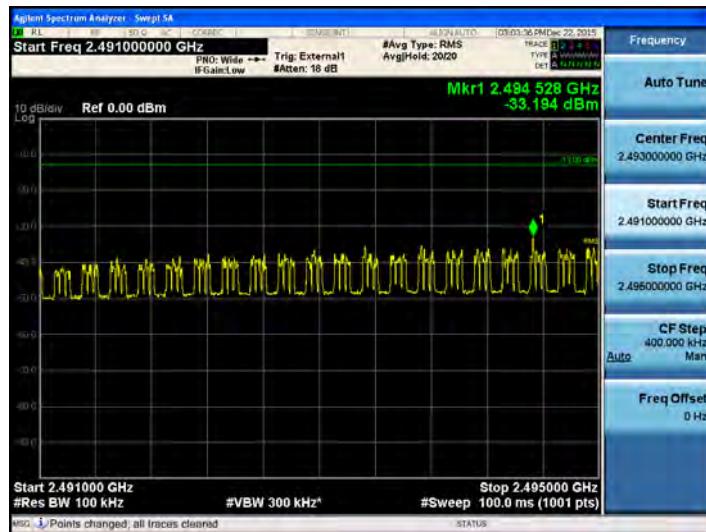


30MHz ~ 1GHz

1GHz ~ 3GHz-1



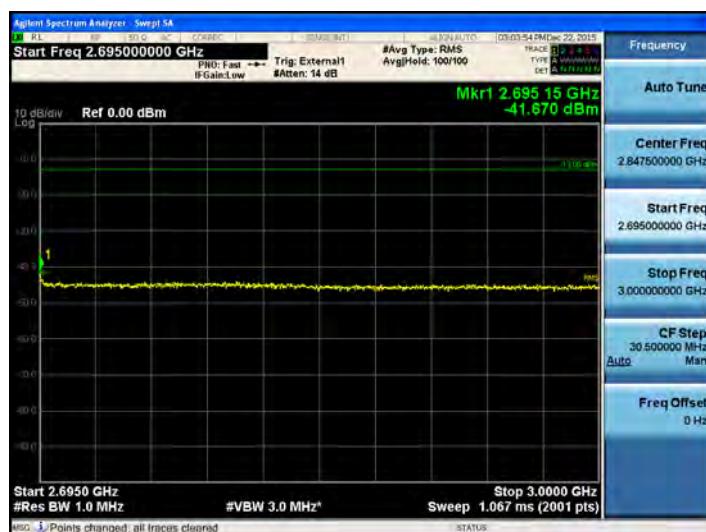
1GHz ~ 3GHz-2



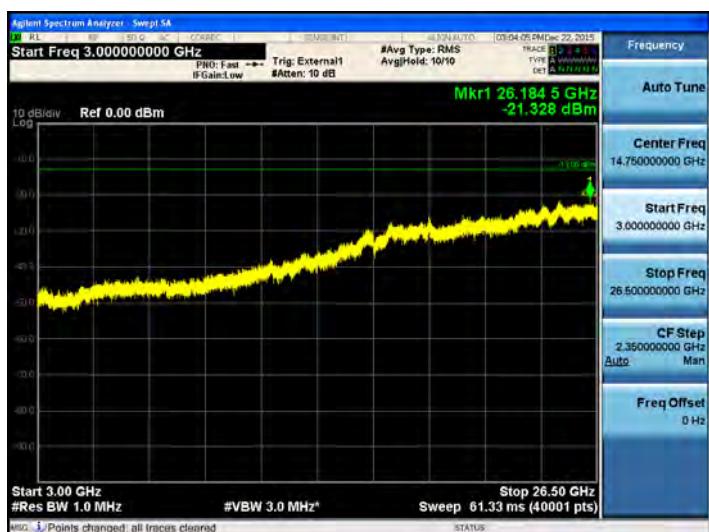
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

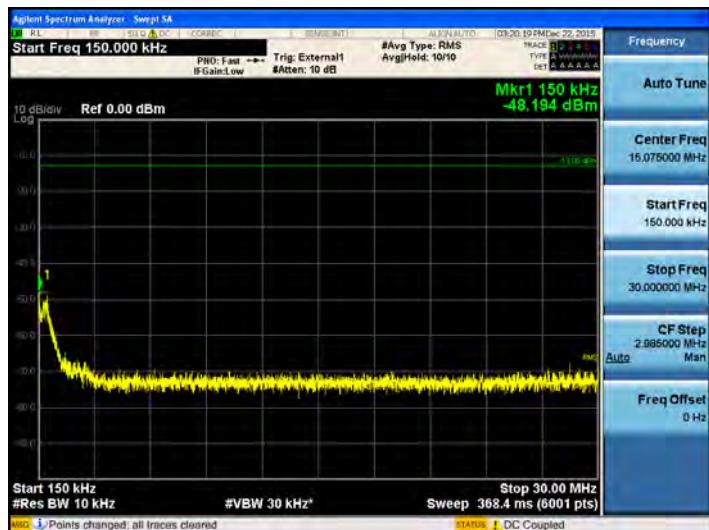


[BRS Band _LTE 20MHz Downlink Mid]

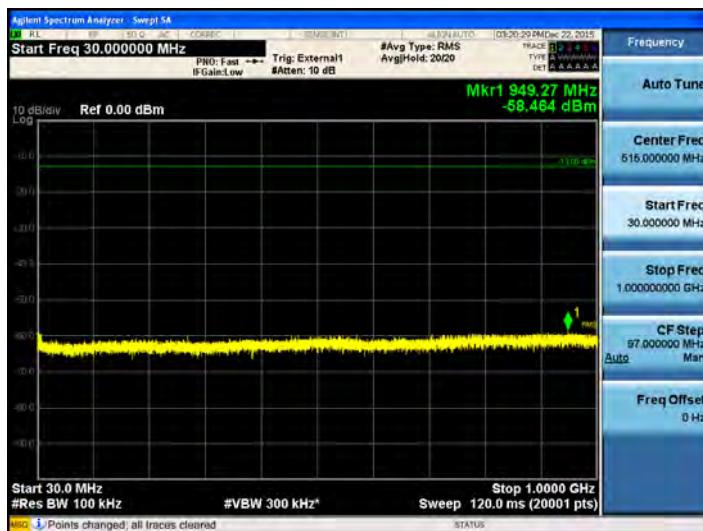
9kHz ~ 150kHz



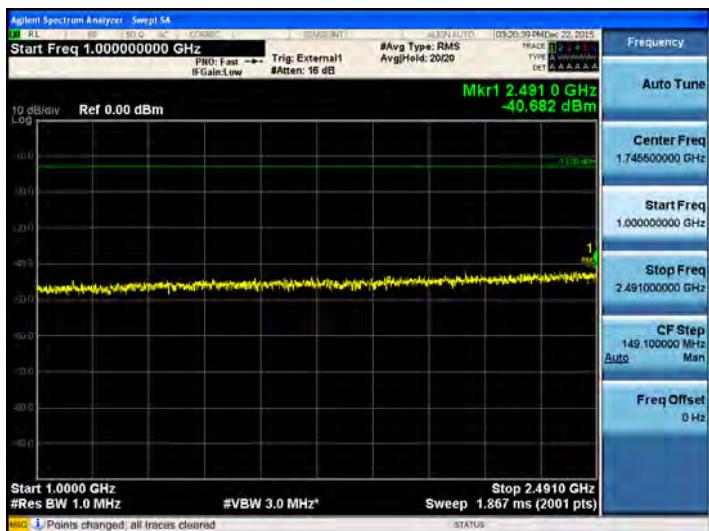
150kHz ~ 30MHz



30MHz ~ 1GHz

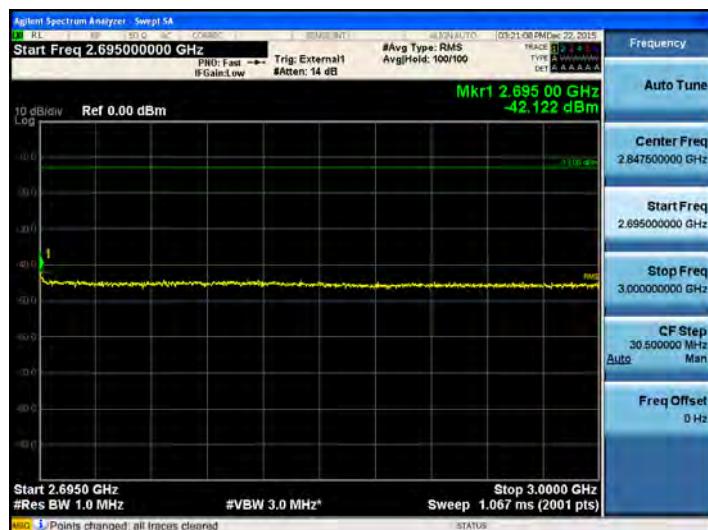


1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

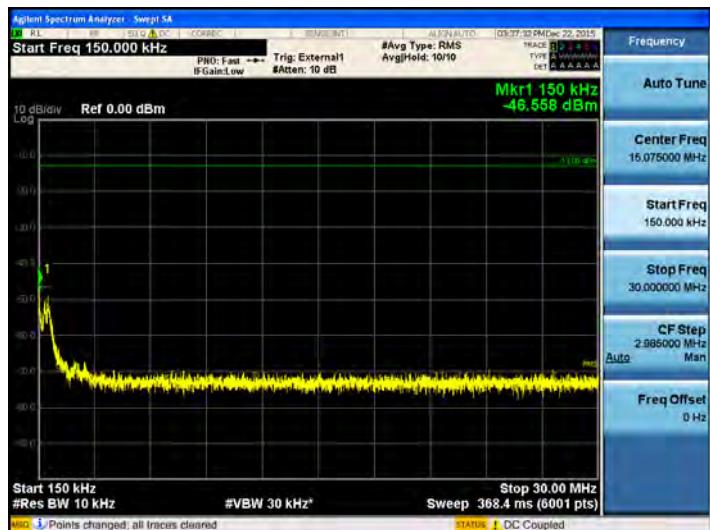
1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


[BRS Band LTE 20MHz Downlink High]

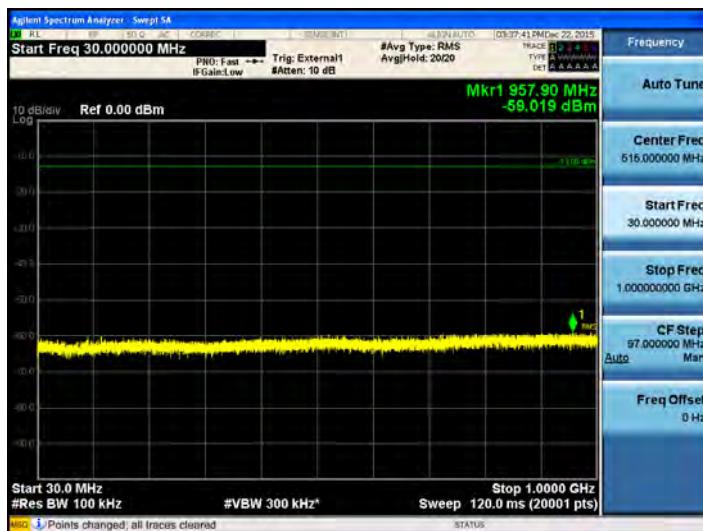
9kHz ~ 150kHz



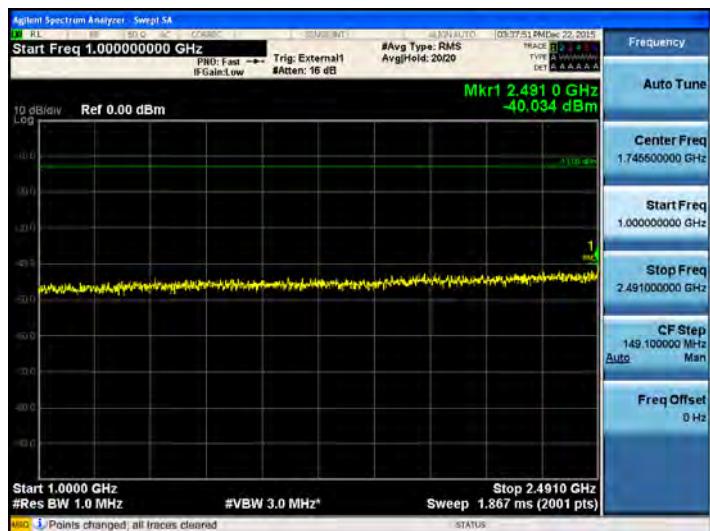
150kHz ~ 30MHz



30MHz ~ 1GHz



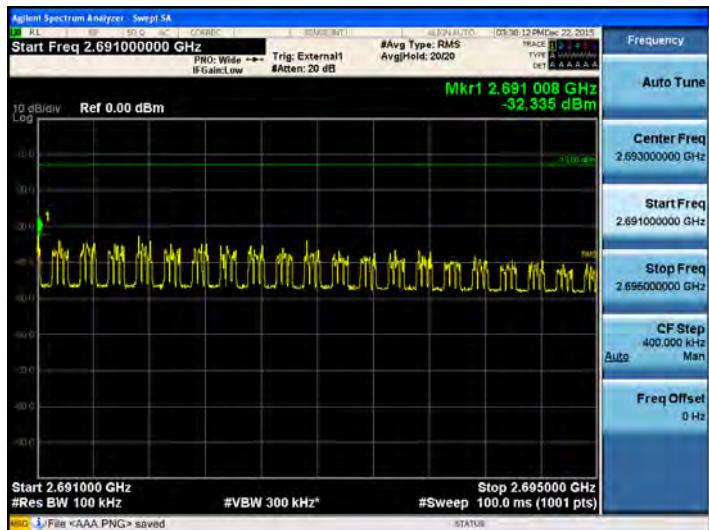
1GHz ~ 3GHz-1



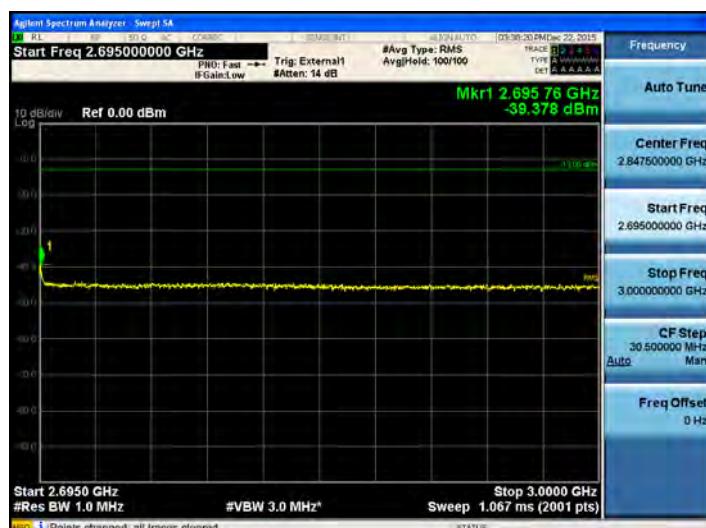
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE20MHz Downlink Low

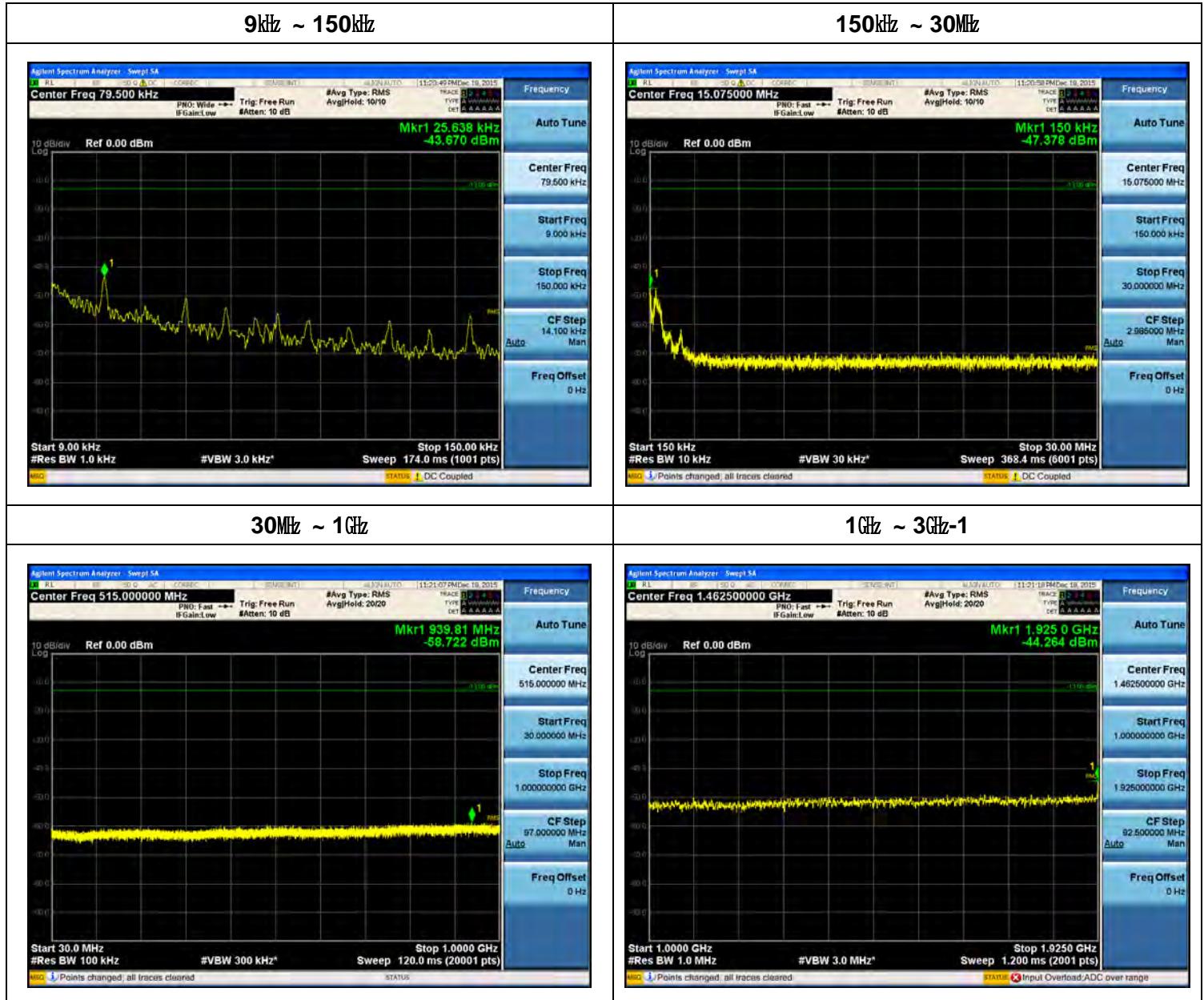


Band Edge_LTE 20MHz Downlink High



PCS 1900 Band LTE 5 MHz

[PCS 1900 Band LTE 5MHz Downlink Low]



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

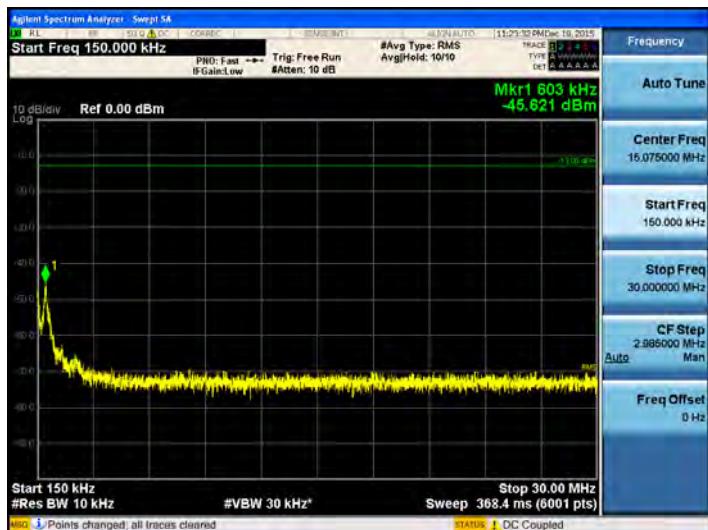


[PCS 1900 Band _LTE 5MHz Downlink Mid]

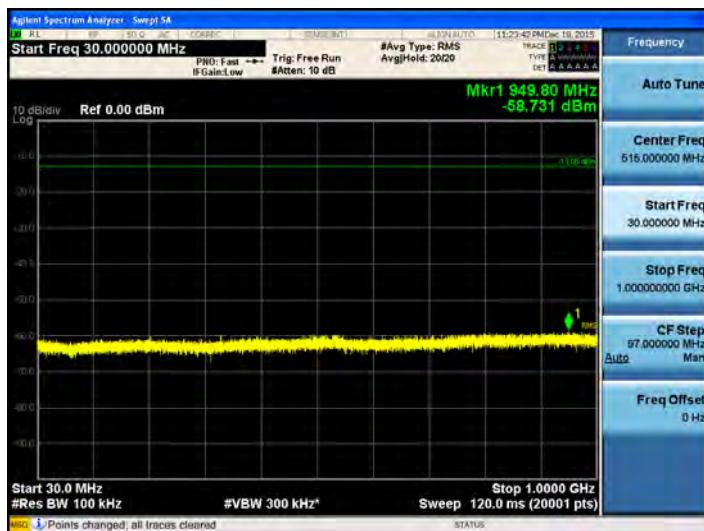
9kHz ~ 150kHz



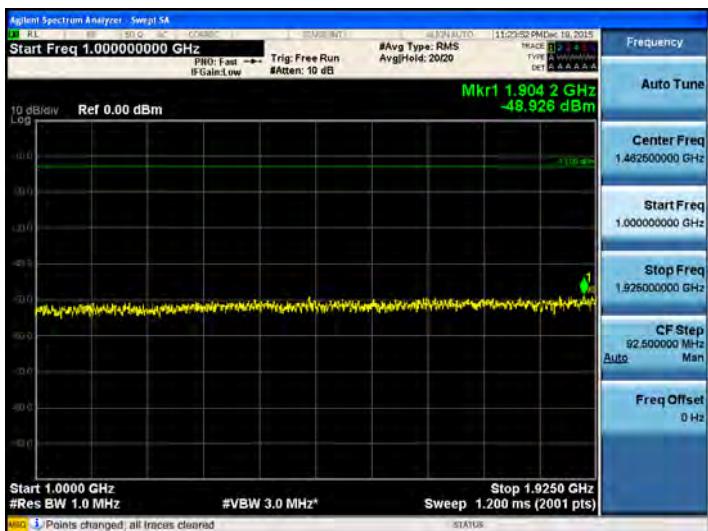
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



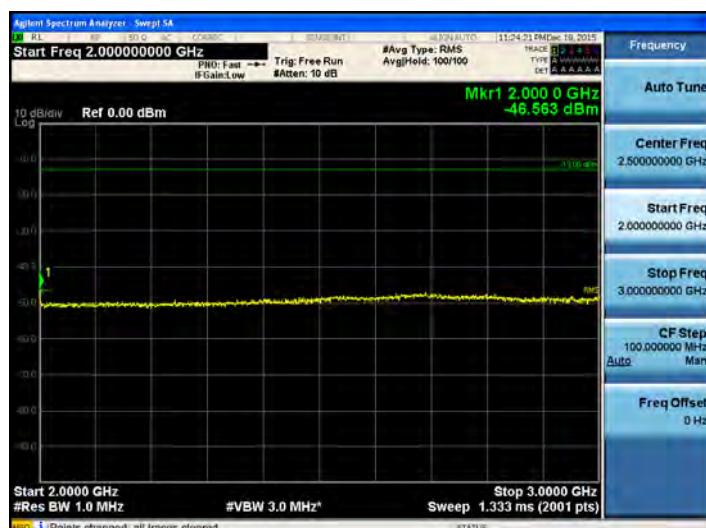
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

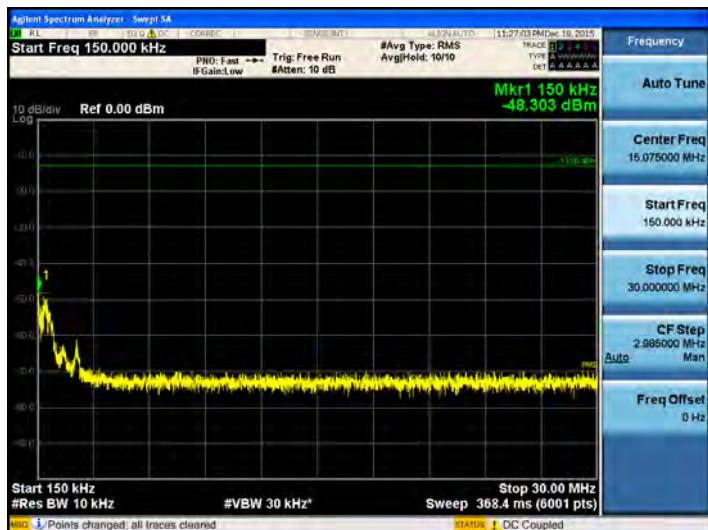


[PCS 1900 Band LTE 5MHz Downlink High]

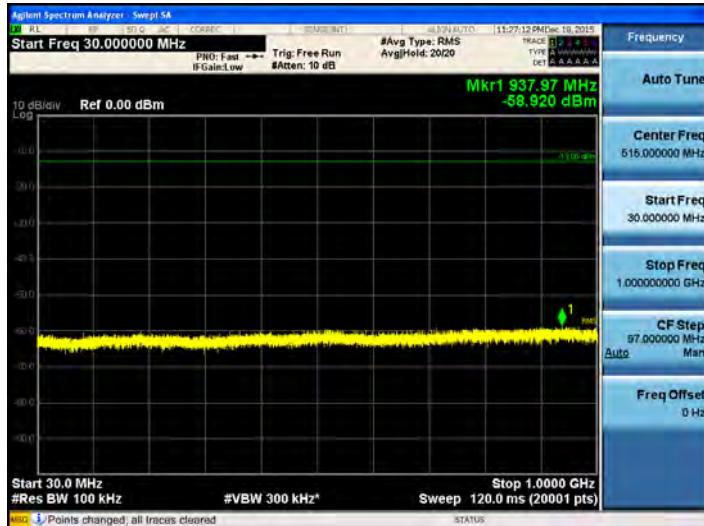
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


Band Edge_LTE5MHz Downlink Low



Band Edge_LTE 5MHz Downlink High

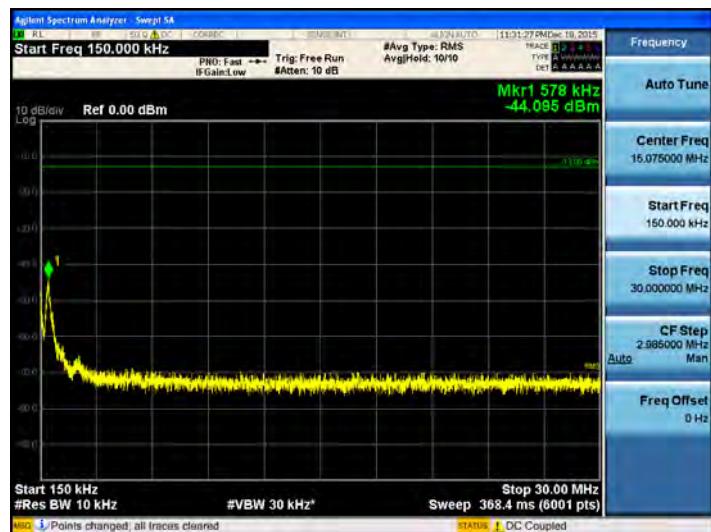


PCS 1900 Band LTE 10 MHz

[PCS1900 Band LTE 10MHz Downlink Low]

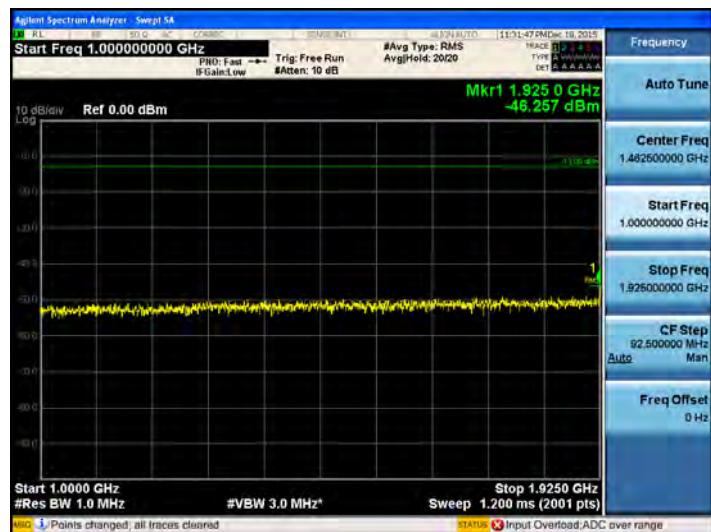
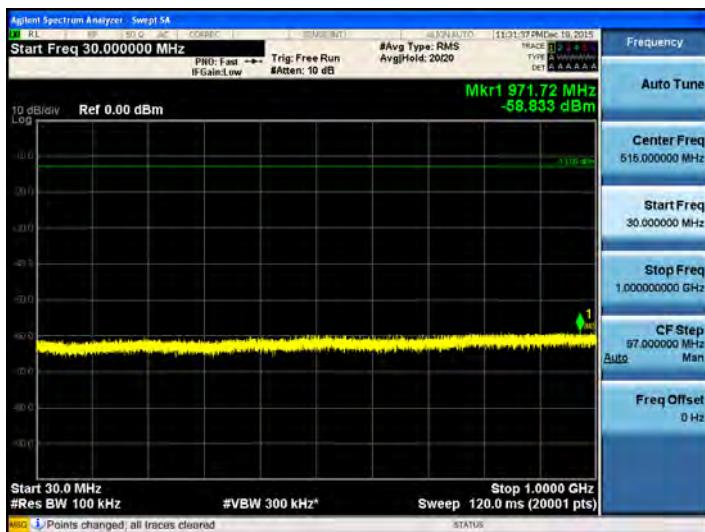
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz



1GHz ~ 3GHz-2



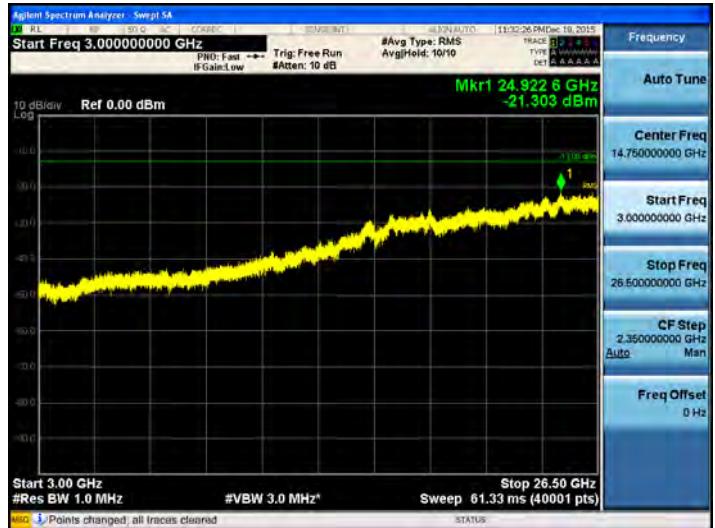
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

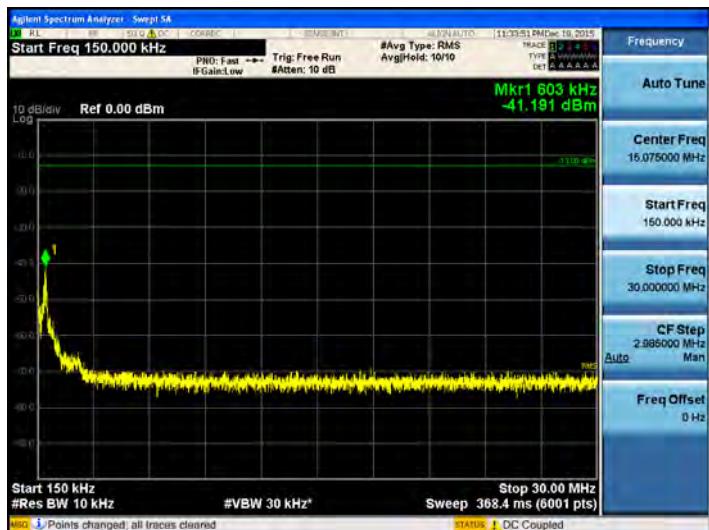


[PCS 1900 Band _LTE 10MHz Downlink Mid]

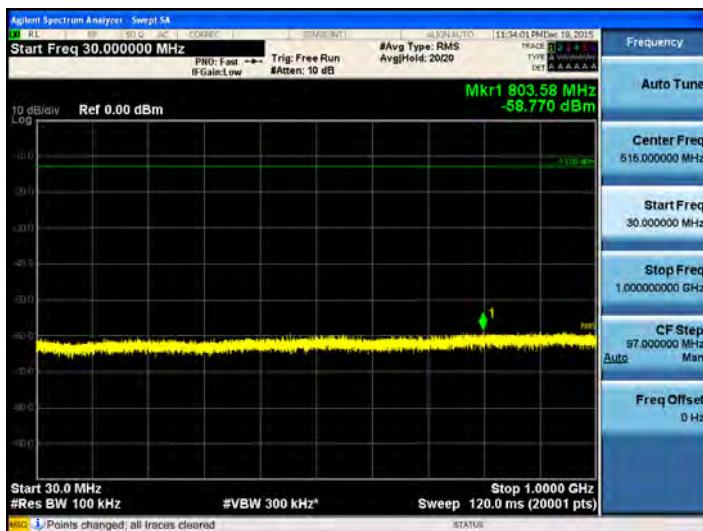
9kHz ~ 150kHz



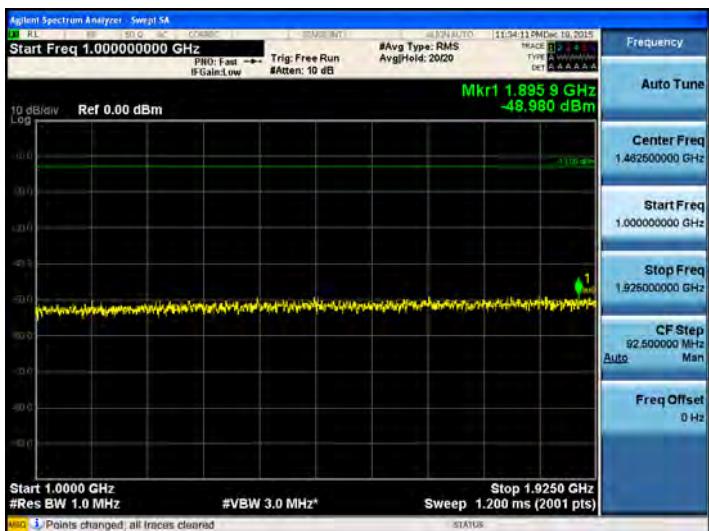
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

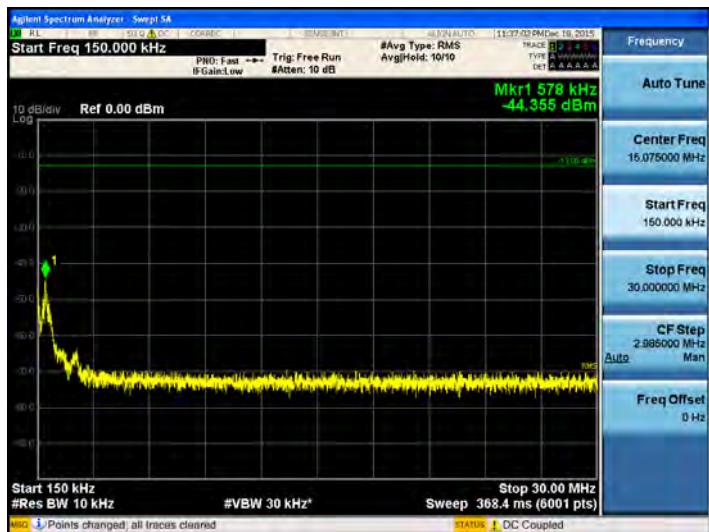
3GHz ~ 26.5GHz


[PCS 1900 Band LTE 10MHz Downlink High]

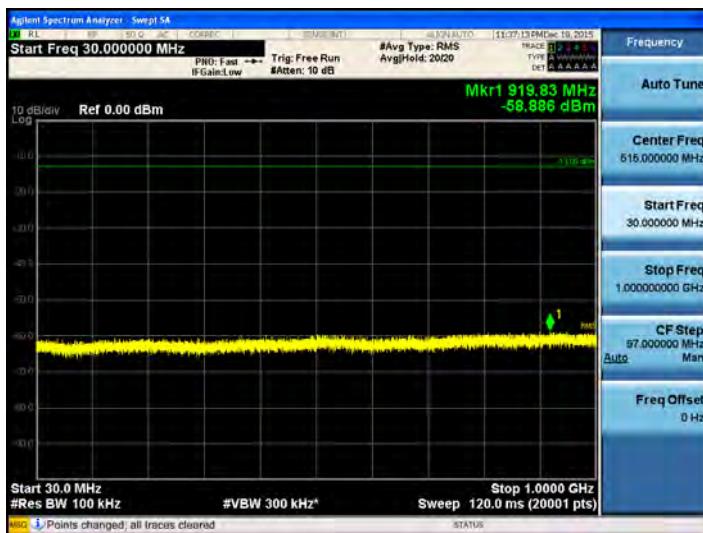
9kHz ~ 150kHz



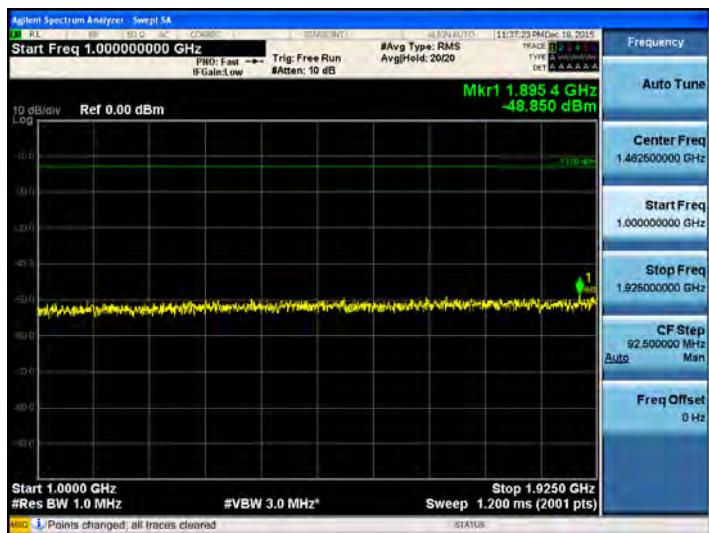
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

3GHz ~ 26.5GHz


Band Edge LTE10MHz Downlink Low



Band Edge LTE 10MHz Downlink High

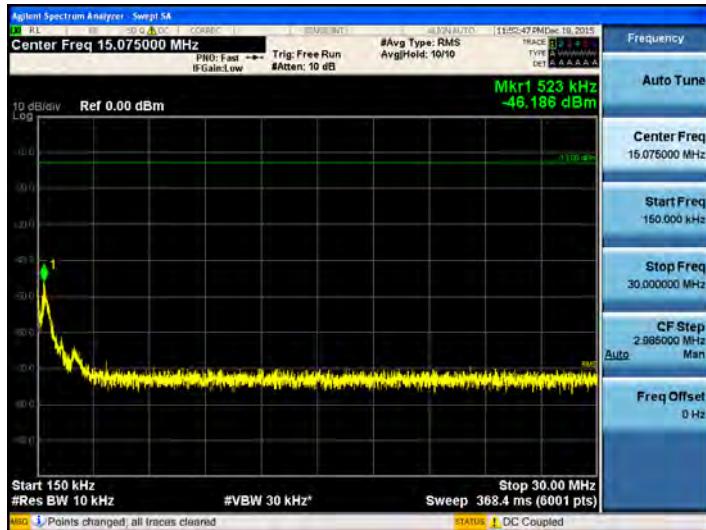


PCS 1900 Band UMTS

[PCS1900 Band UMTS Downlink Low]

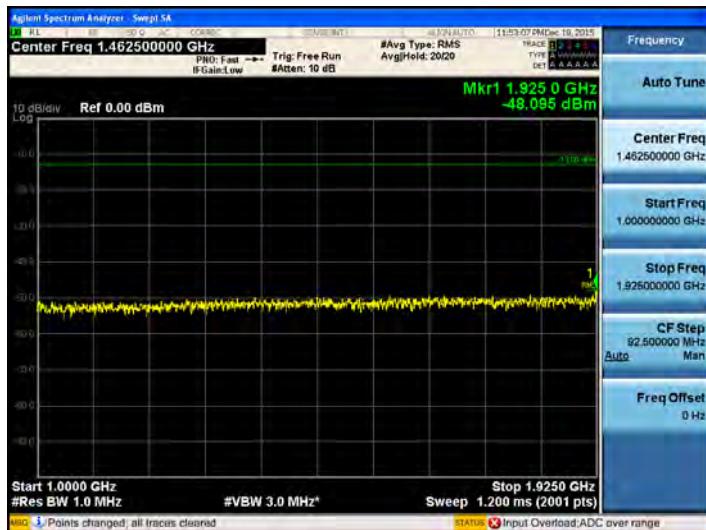
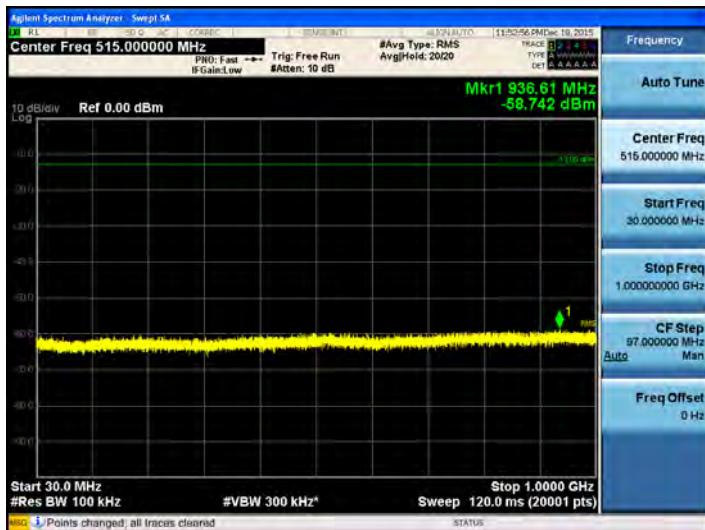
9kHz ~ 150kHz

150kHz ~ 30MHz



30MHz ~ 1GHz

1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

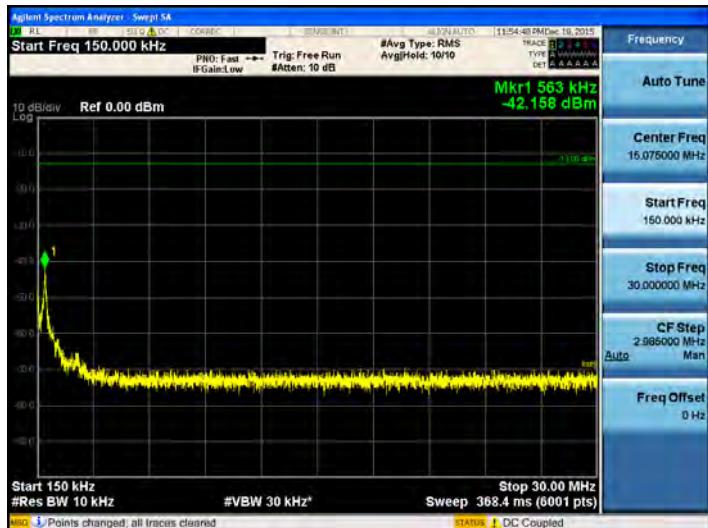


[PCS 1900 Band _ UMTS Downlink Mid]

9kHz ~ 150kHz



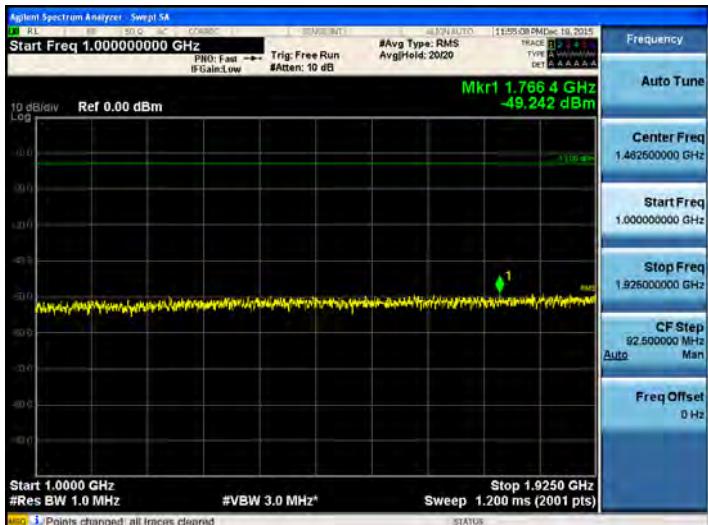
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2

1GHz ~ 3GHz-3

1GHz ~ 3GHz-4

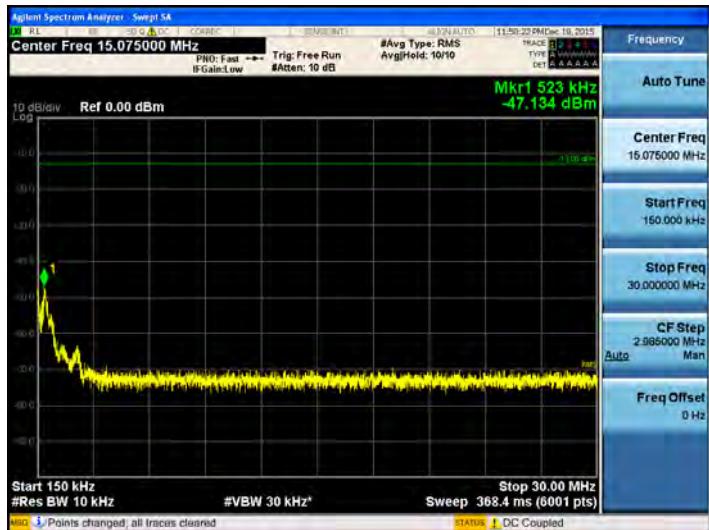
3GHz ~ 26.5GHz


[PCS 1900 Band UMTS Downlink High]

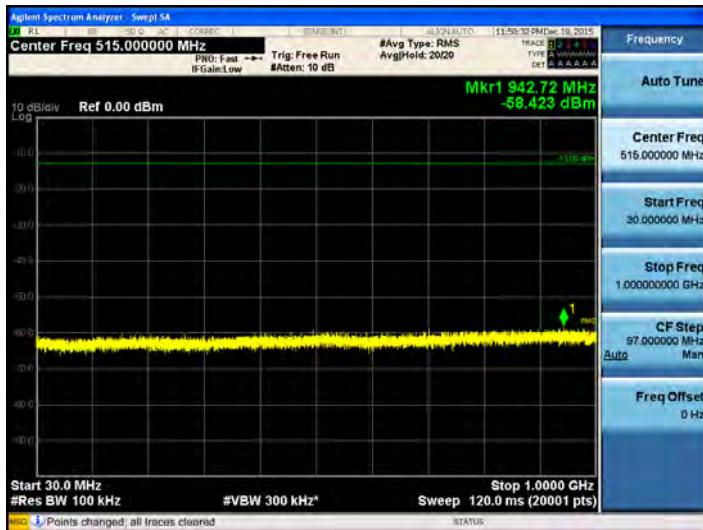
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1

