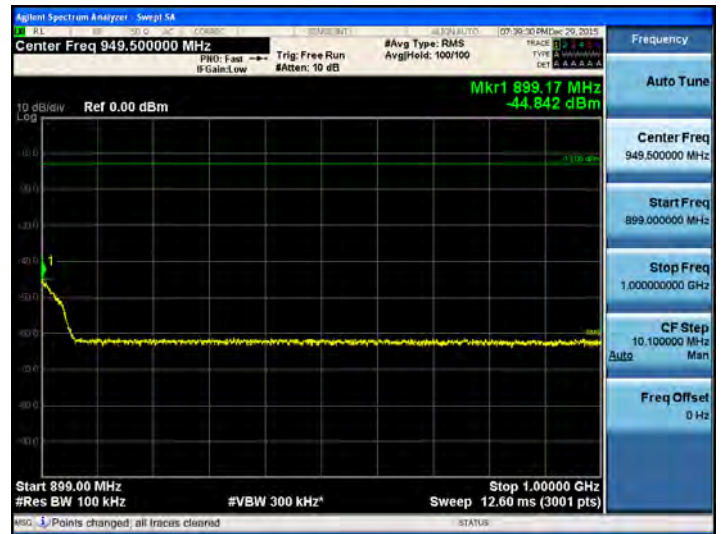


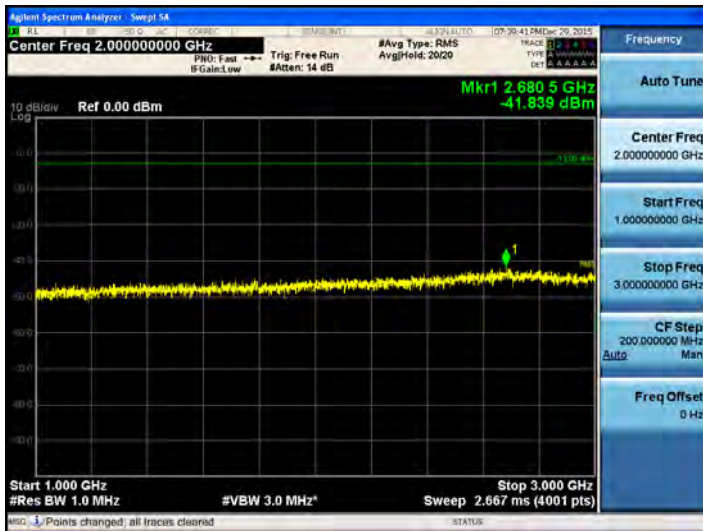
30MHz ~ 1GHz-3



30MHz ~ 1GHz-4



1GHz ~ 3GHz



3GHz ~ 12.75GHz



Band Edge_UMTS Downlink Low



Band Edge_UMTS Downlink High



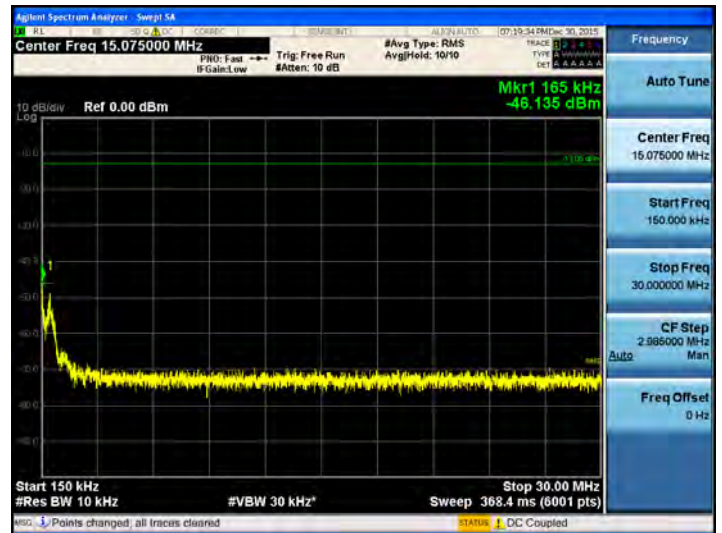
SMR800, 850Cellualr Band CDMA

[SMR800, 850Cellualr Band CDMA Downlink Low]

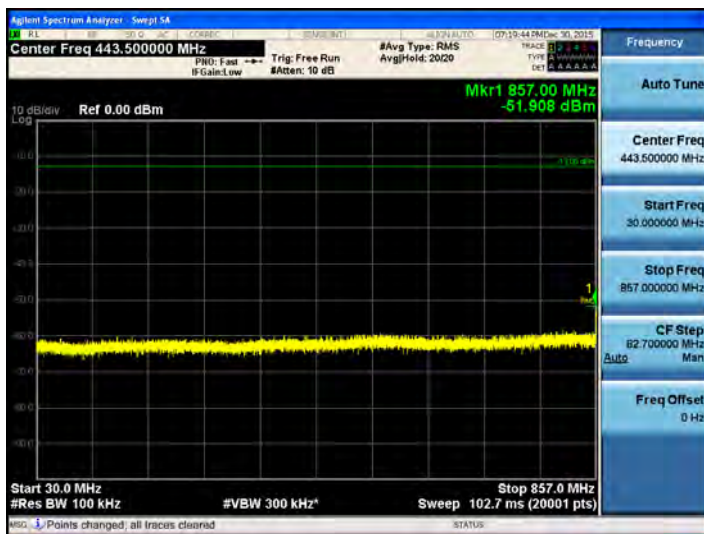
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz-1



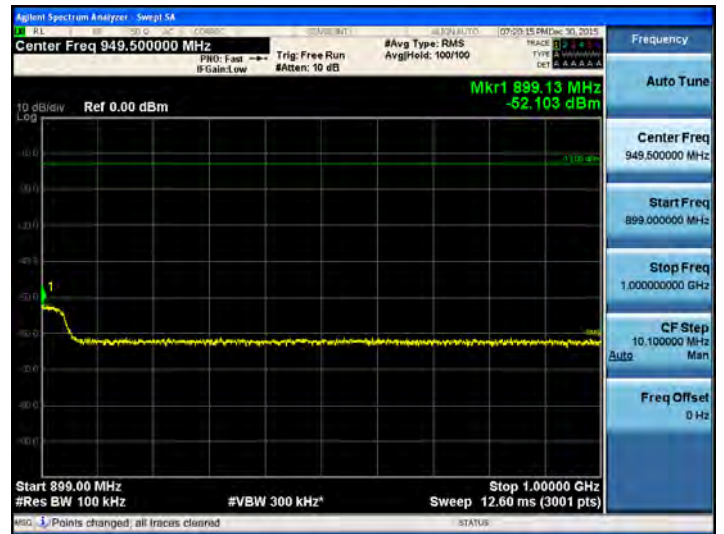
30MHz ~ 1GHz-2



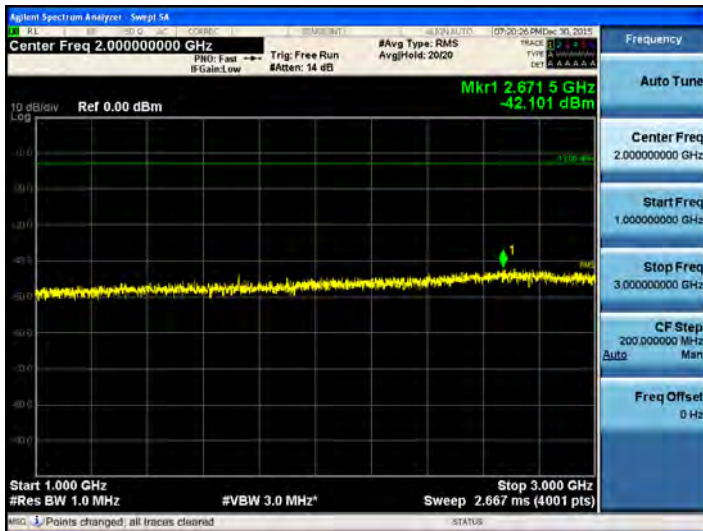
30MHz ~ 1GHz-3



30MHz ~ 1GHz-4



1GHz ~ 3GHz

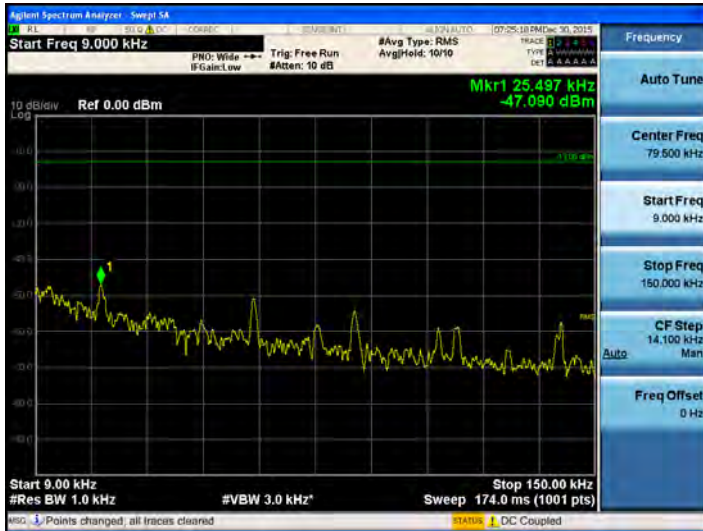


3GHz ~ 12.75GHz

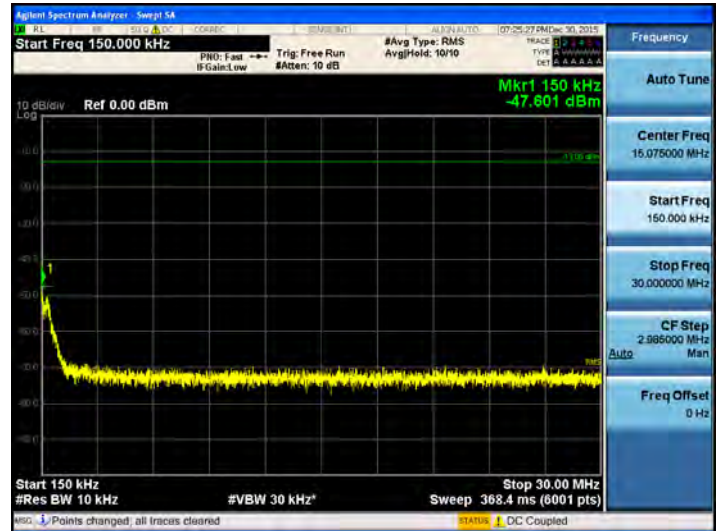


[SMR800, 850Cellualr Band _CDMA Downlink Mid]

9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz-1



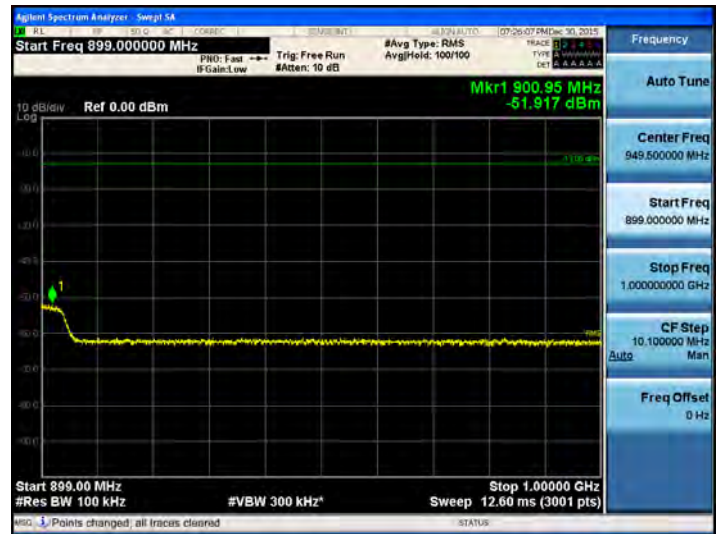
30MHz ~ 1GHz-2



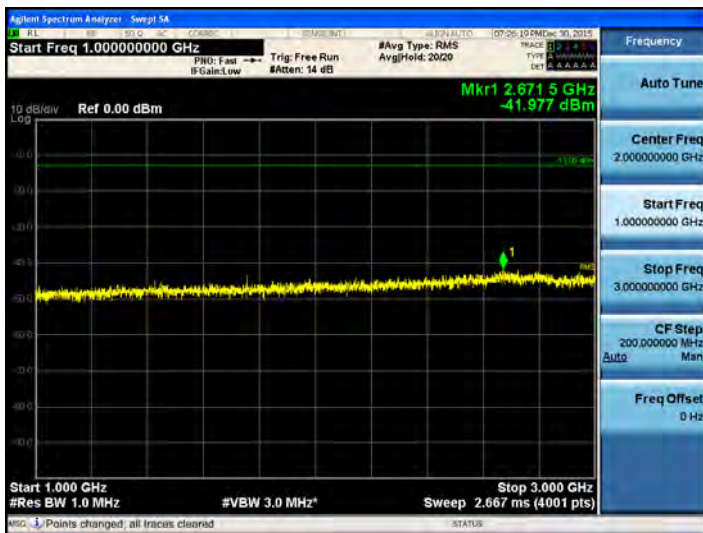
30MHz ~ 1GHz-3



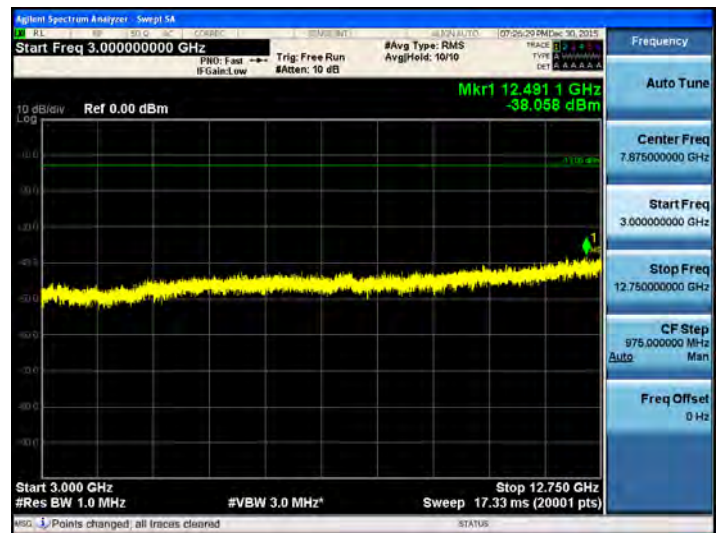
30MHz ~ 1GHz-4



1GHz ~ 3GHz

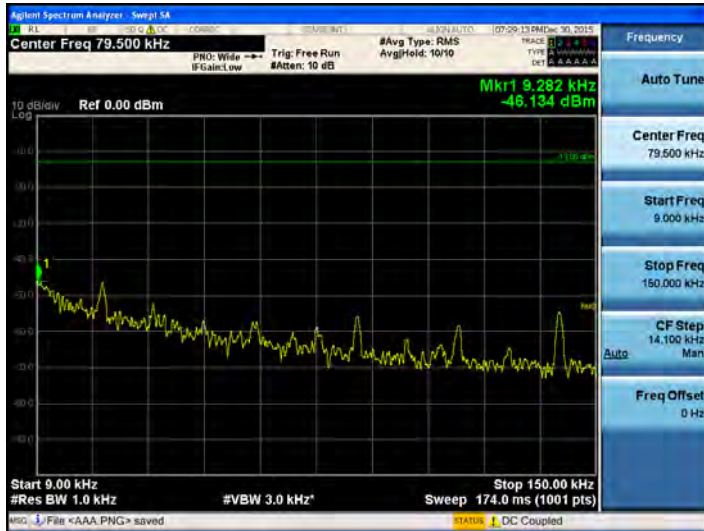


3GHz ~ 12.75GHz

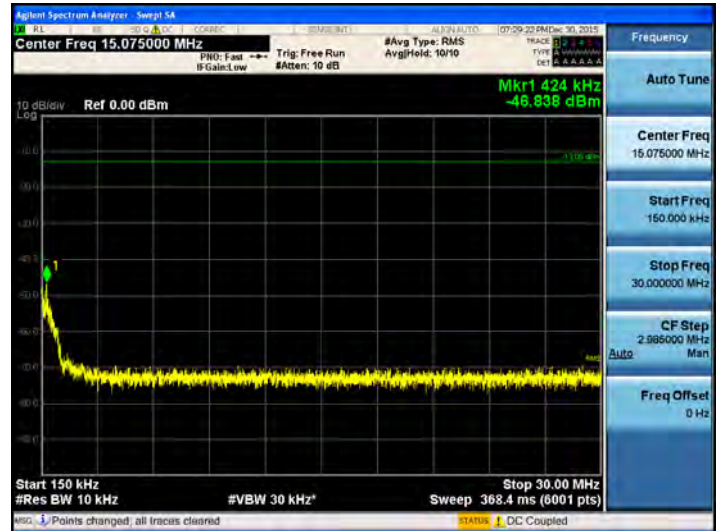


[SMR800, 850Cellualr Band CDMA Downlink High]

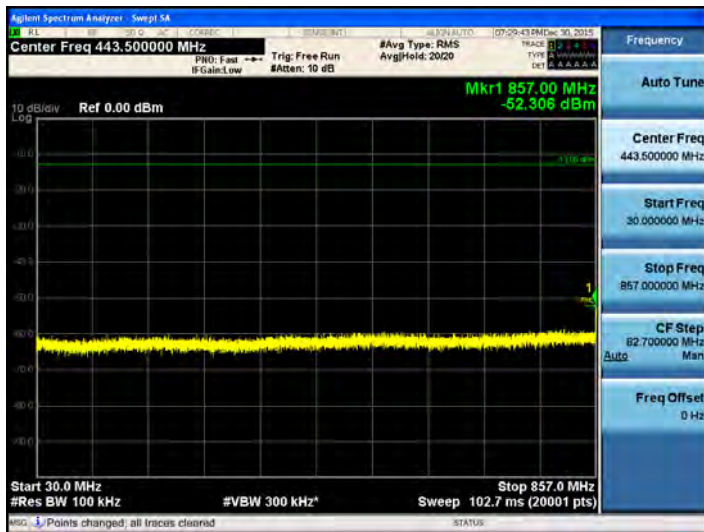
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz-1



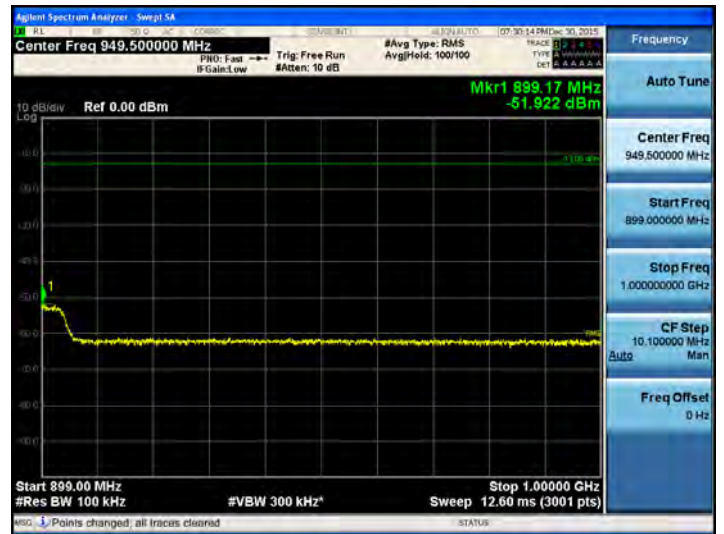
30MHz ~ 1GHz-2



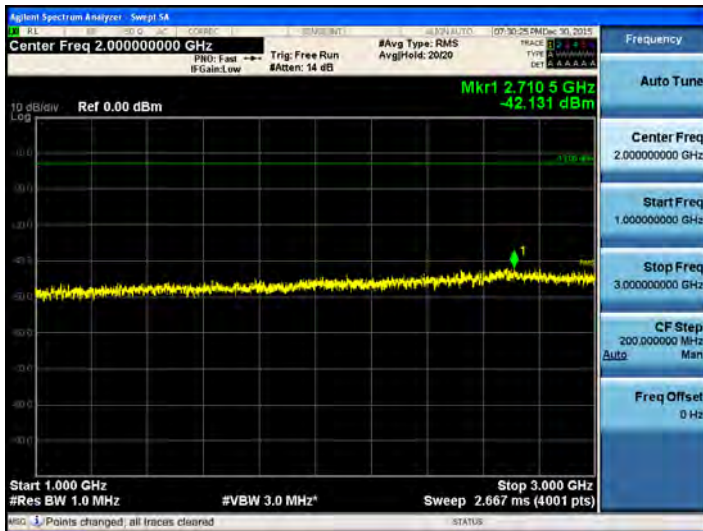
30MHz ~ 1GHz-3



30MHz ~ 1GHz-4



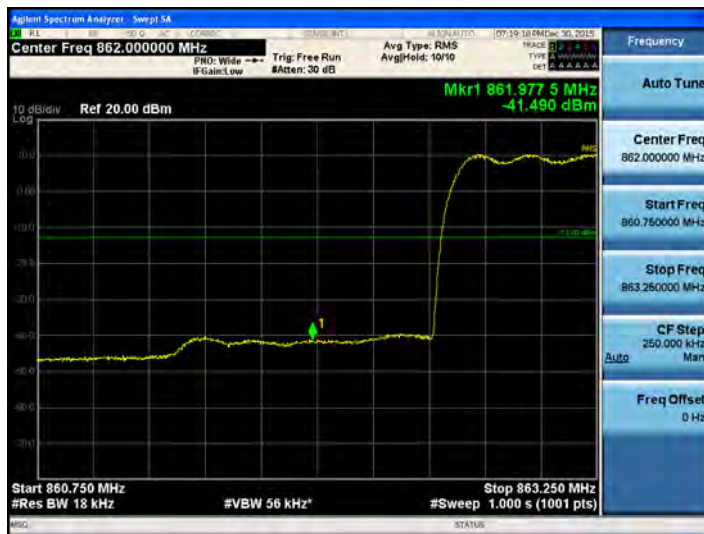
1GHz ~ 3GHz



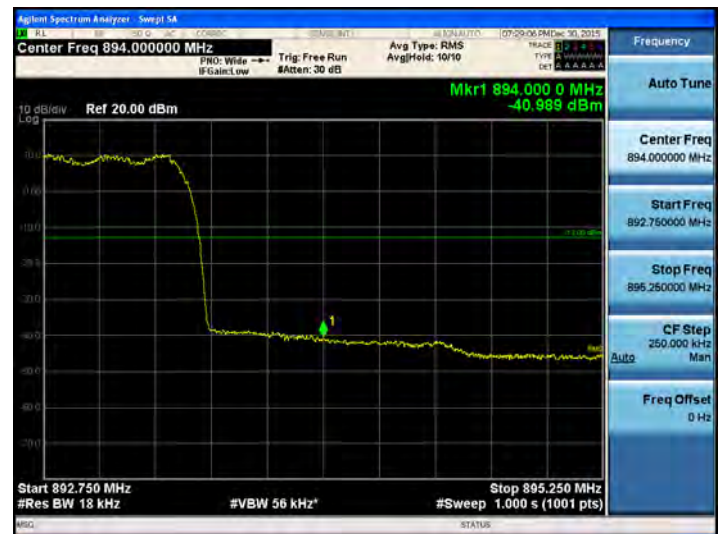
3GHz ~ 12.75GHz



Band Edge_CDMA Downlink Low



Band Edge_CDMA Downlink High



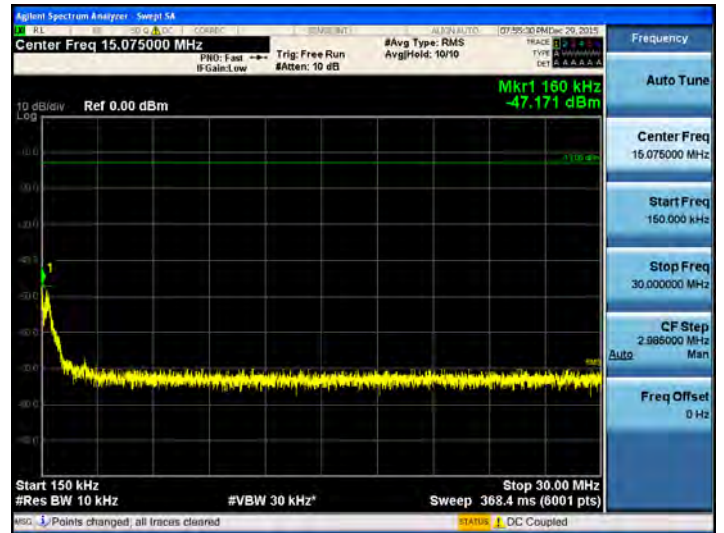
850Cellualr Band GSM

[850Cellualr Band GSM Downlink Low]

9kHz ~ 150kHz



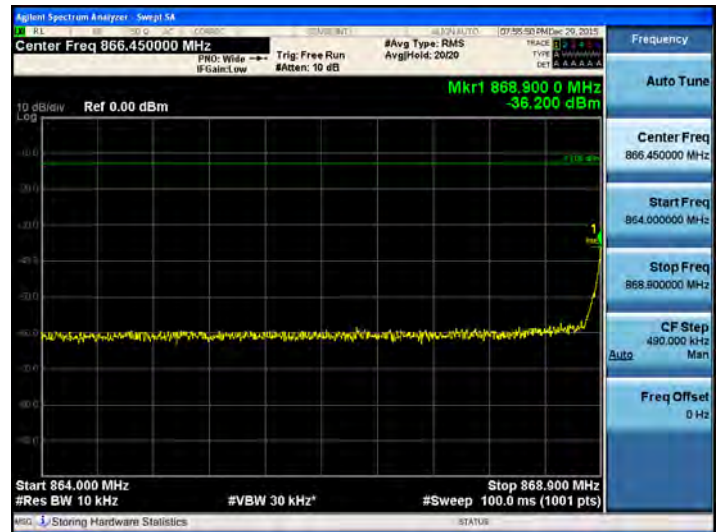
150kHz ~ 30MHz



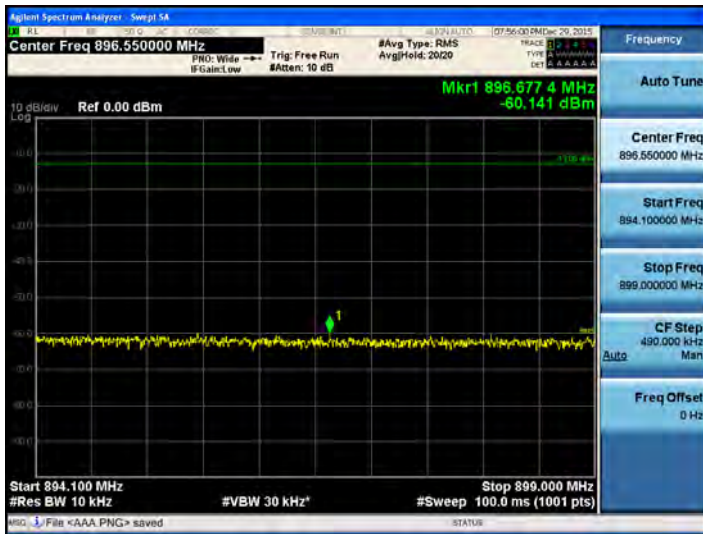
30MHz ~ 1GHz-1



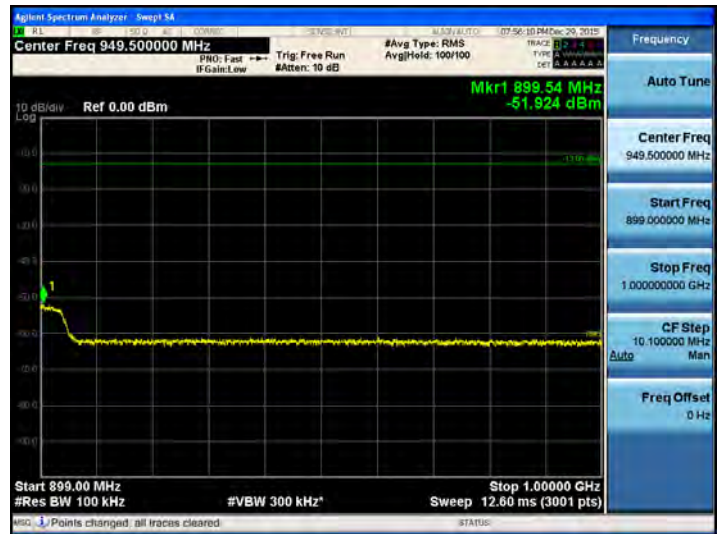
30MHz ~ 1GHz-2



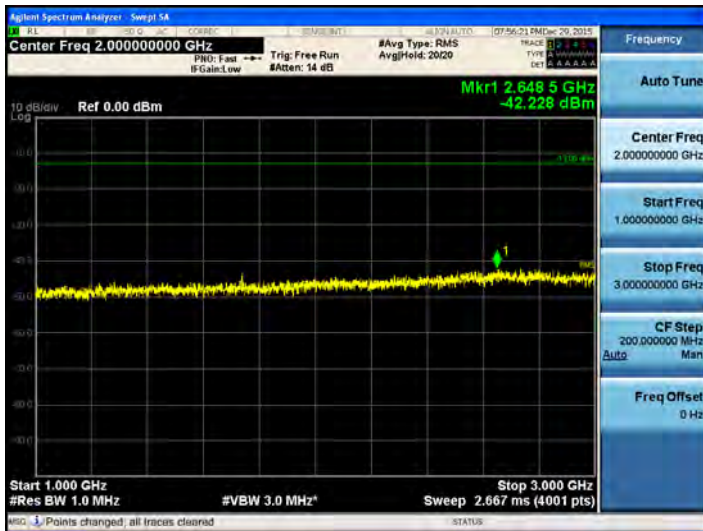
30MHz ~ 1GHz-3



30MHz ~ 1GHz-4



1GHz ~ 3GHz

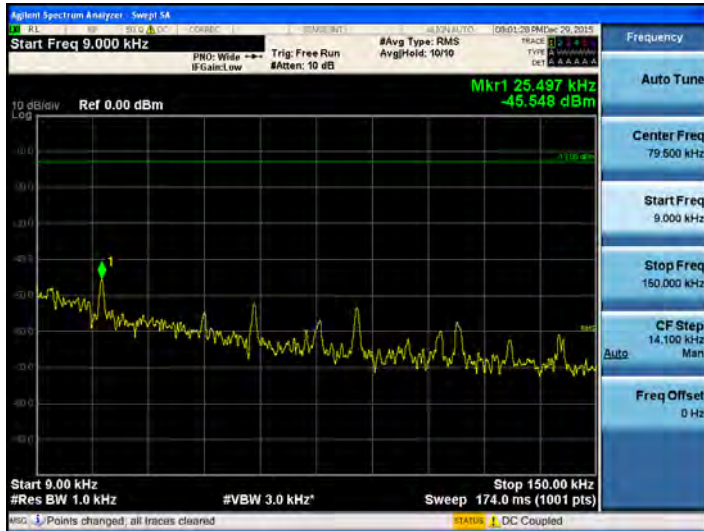


3GHz ~ 12.75GHz

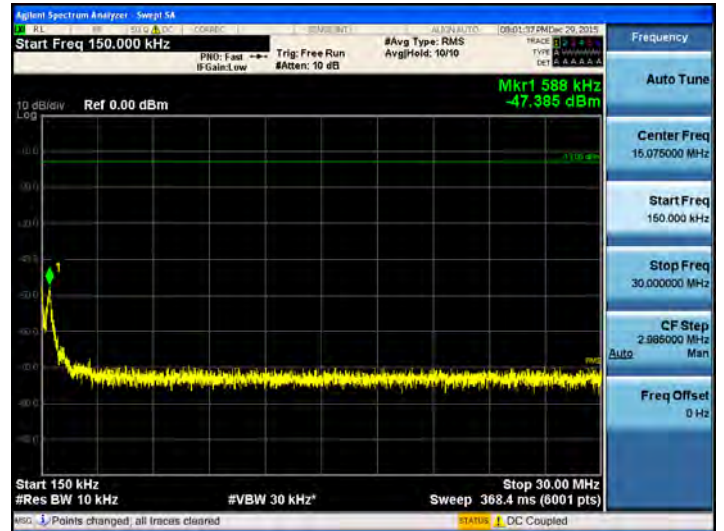


[850Cellualr Band _GSM Downlink Mid]

9kHz ~ 150kHz



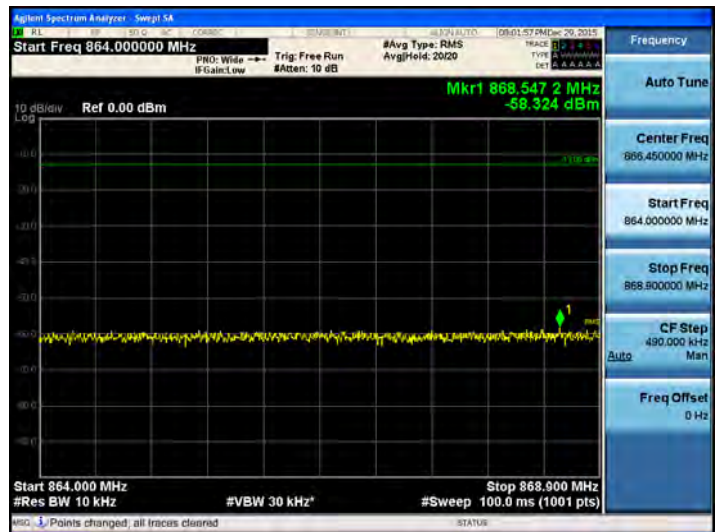
150kHz ~ 30MHz



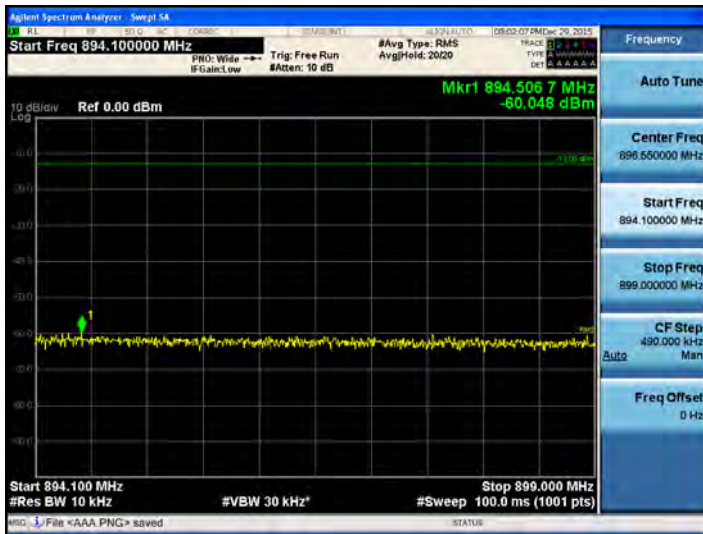
30MHz ~ 1GHz-1



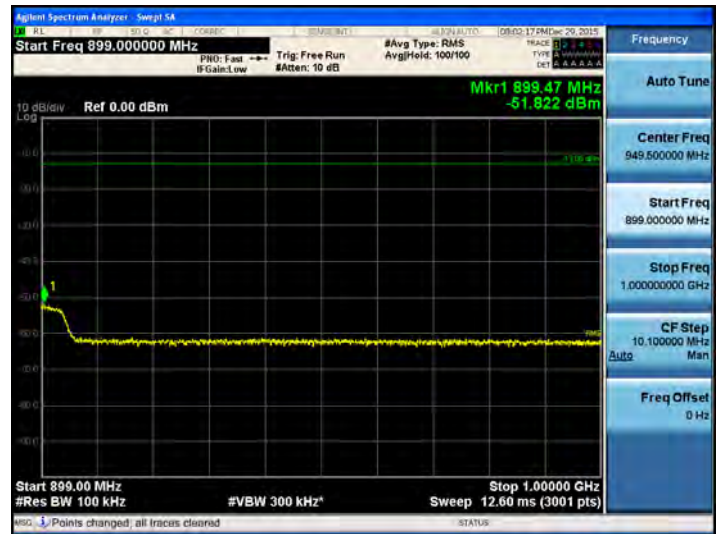
30MHz ~ 1GHz-2



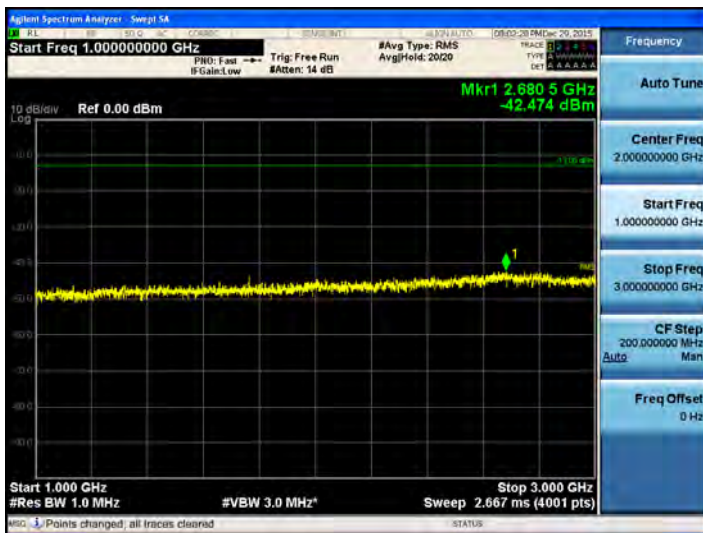
30MHz ~ 1GHz-3



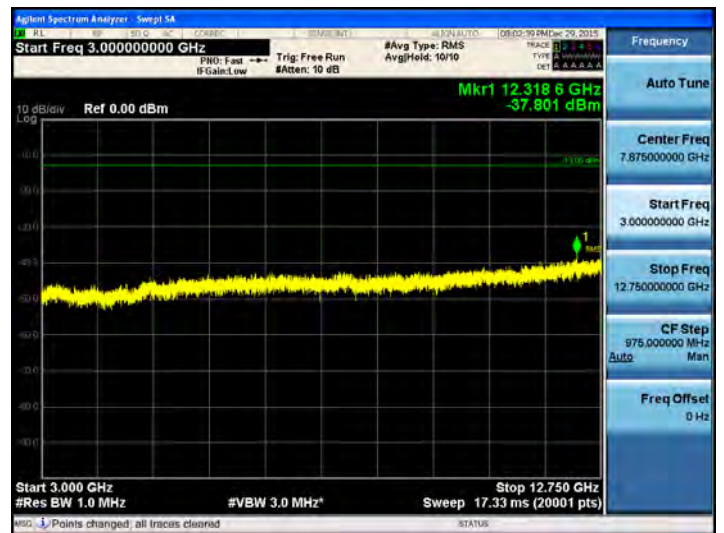
30MHz ~ 1GHz-4



1GHz ~ 3GHz

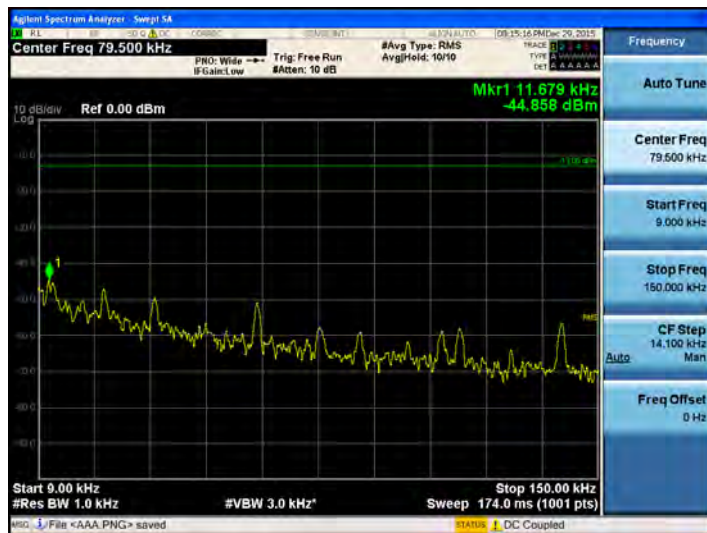


3GHz ~ 12.75GHz

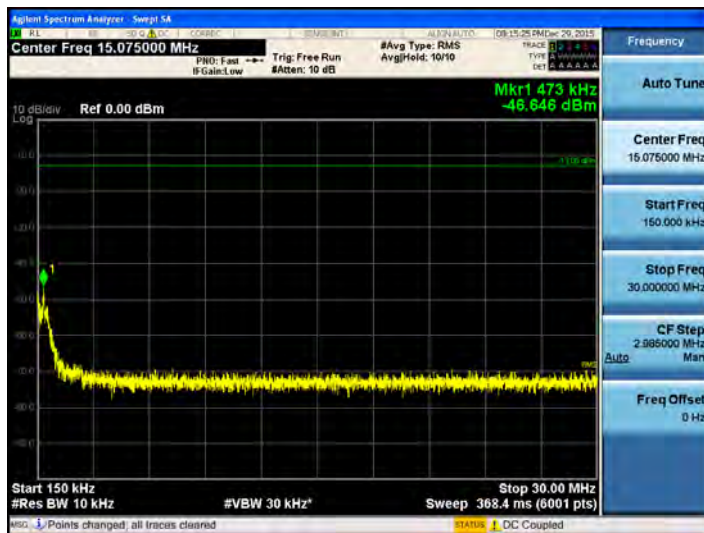


[850Cellualr Band GSM Downlink High]

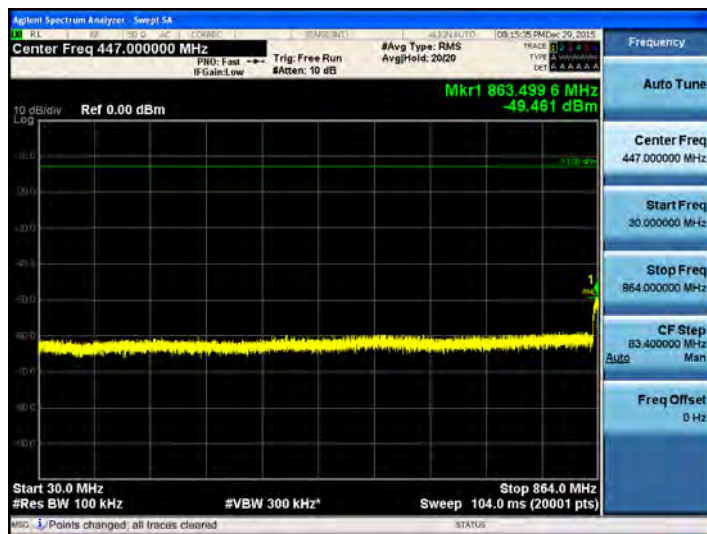
9kHz ~ 150kHz



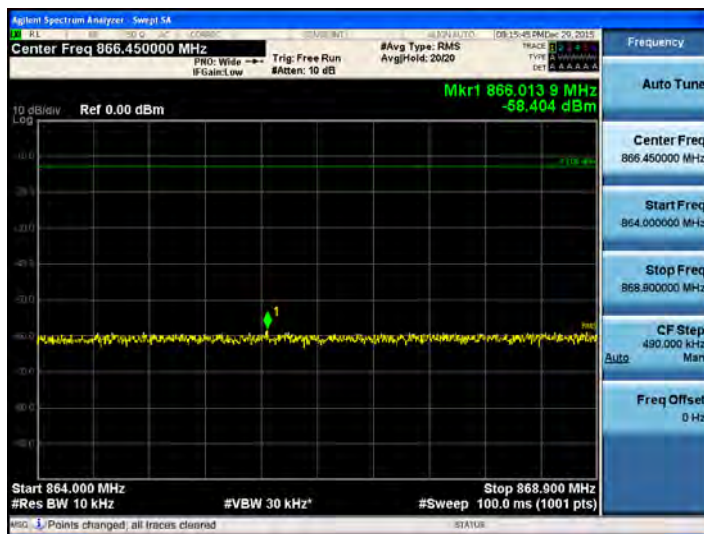
150kHz ~ 30MHz



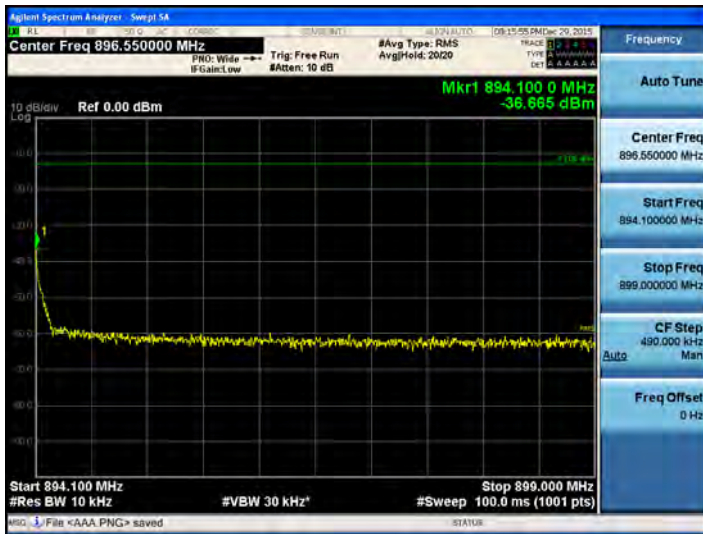
30MHz ~ 1GHz-1



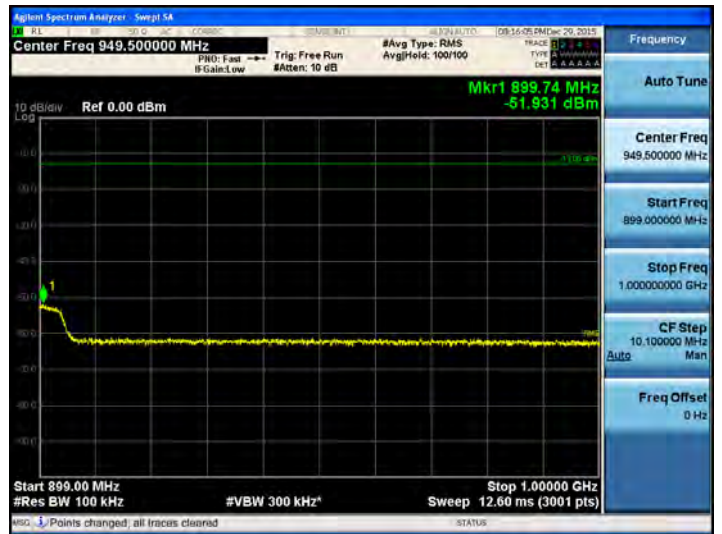
30MHz ~ 1GHz-2



30MHz ~ 1GHz-3



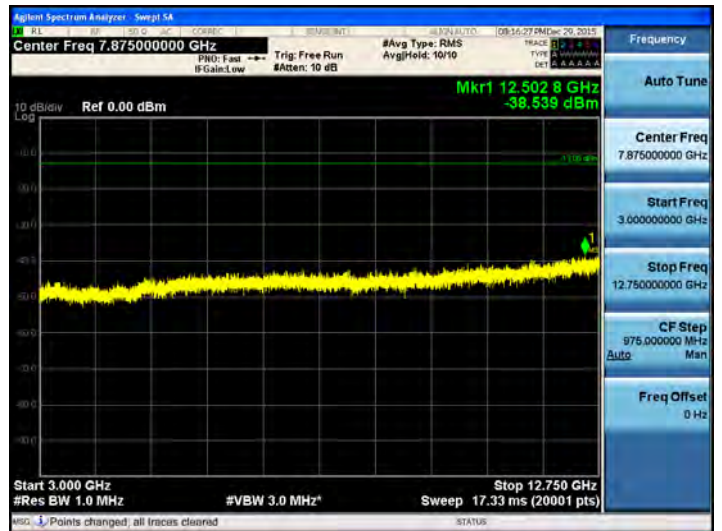
30MHz ~ 1GHz-4



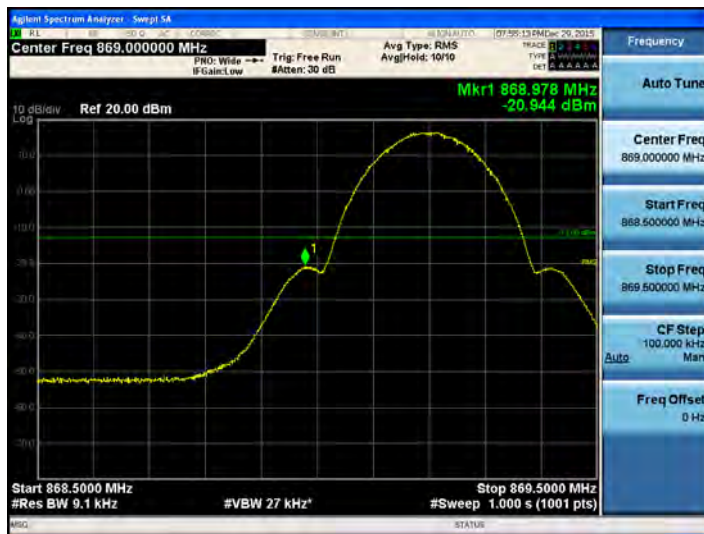
1GHz ~ 3GHz



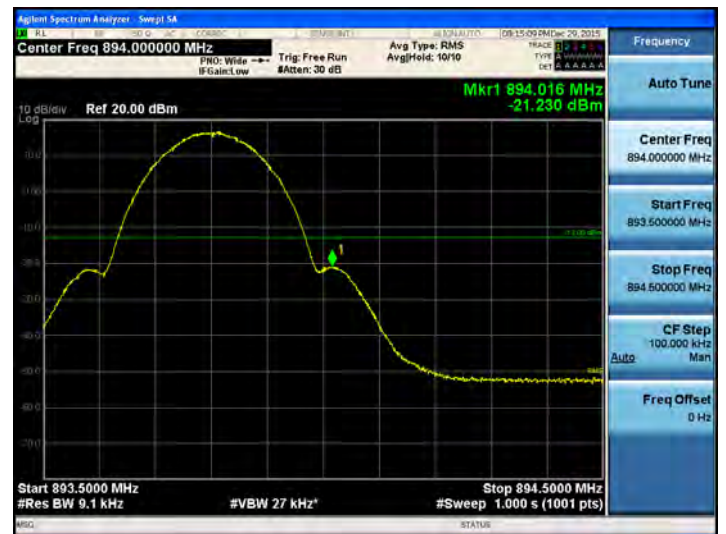
3GHz ~ 12.75GHz



Band Edge_GSM Downlink Low



Band Edge_GSM Downlink High



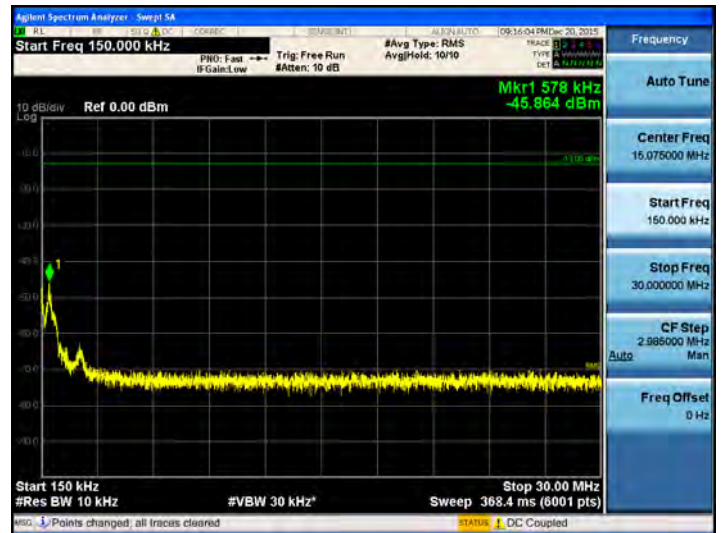
AWS2100 Band LTE 5MHz

[AWS2100 Band LTE 5MHz Downlink Low]

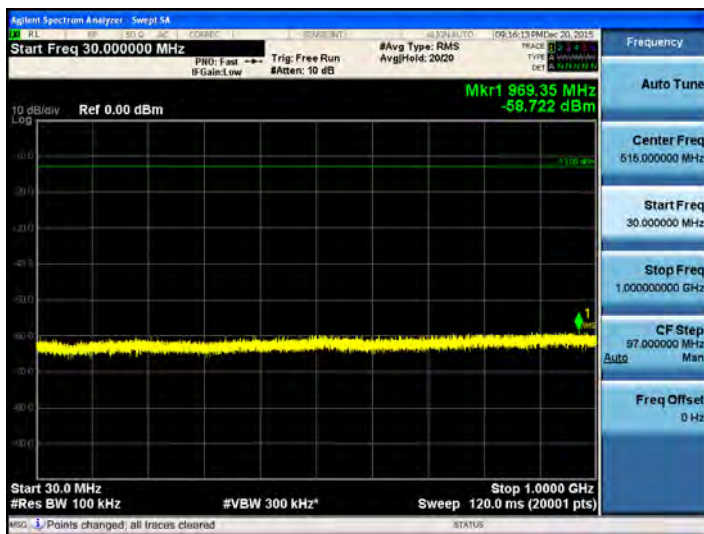
9kHz ~ 150kHz



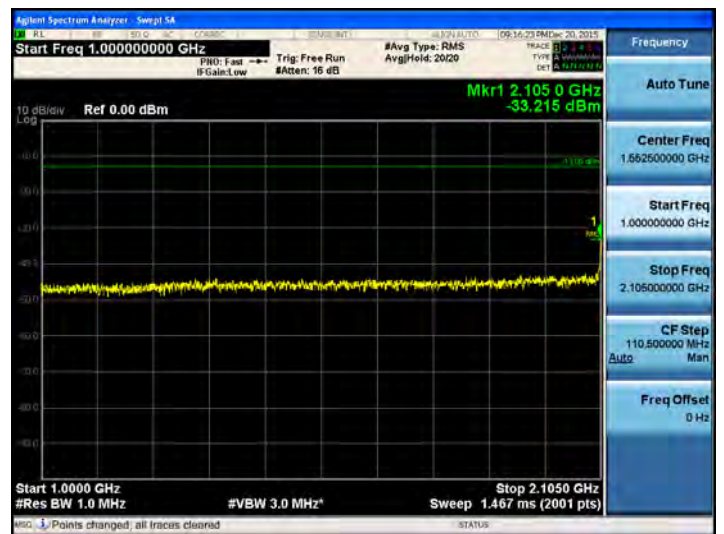
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



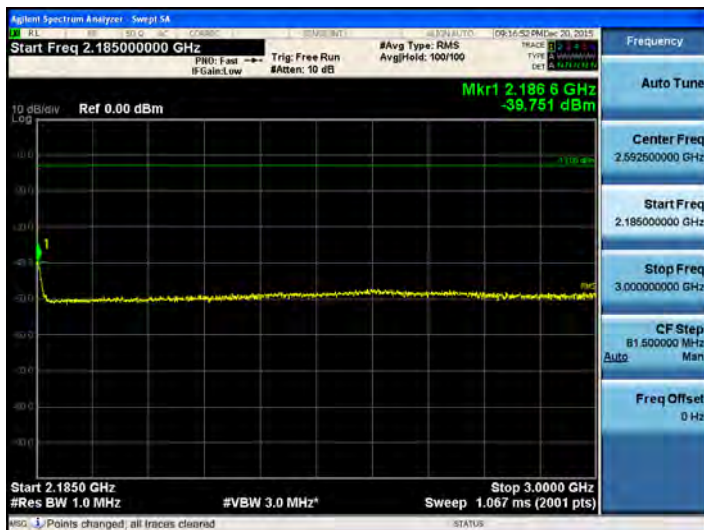
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

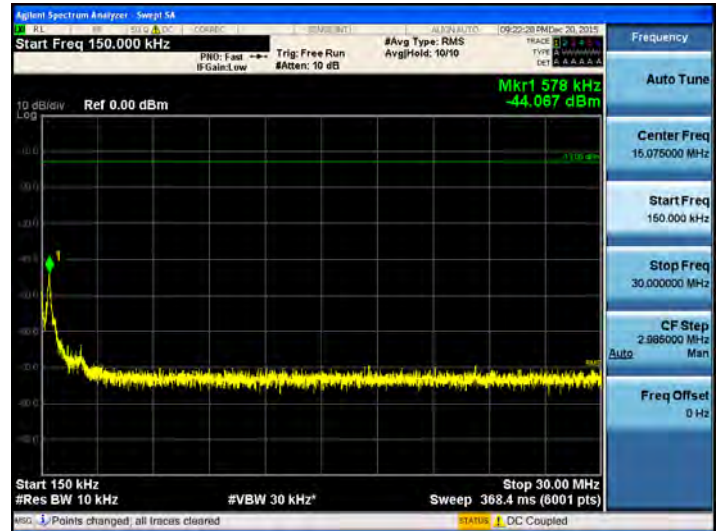


[AWS2100 Band _LTE 5MHz Downlink Mid]

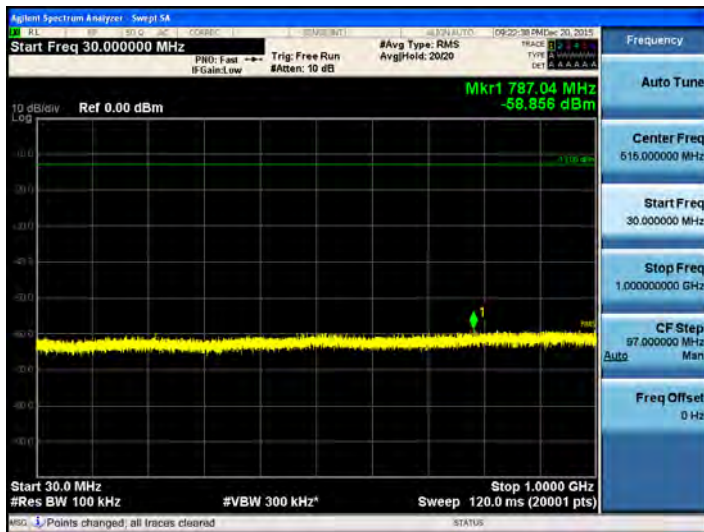
9kHz ~ 150kHz



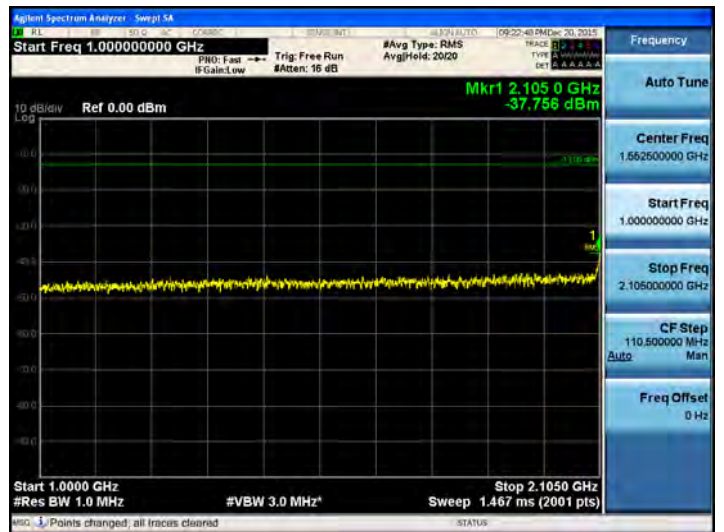
150kHz ~ 30MHz



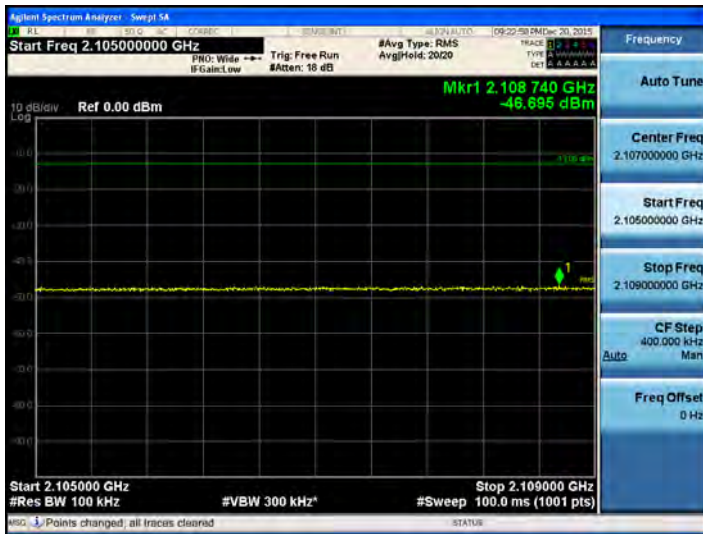
30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



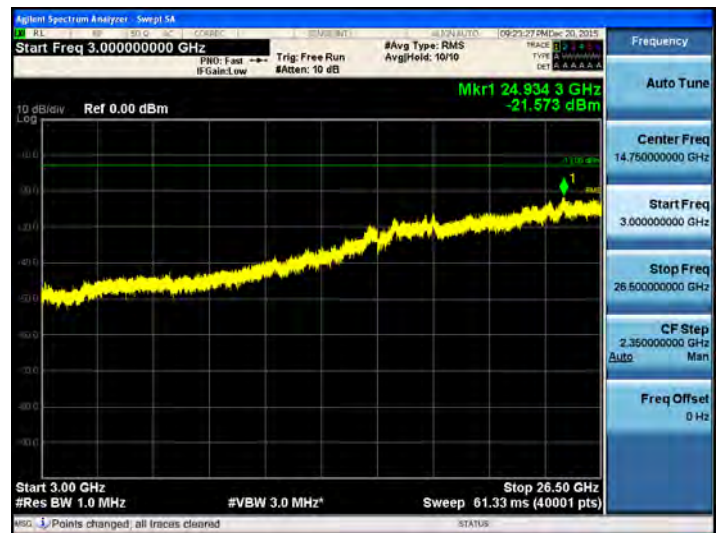
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

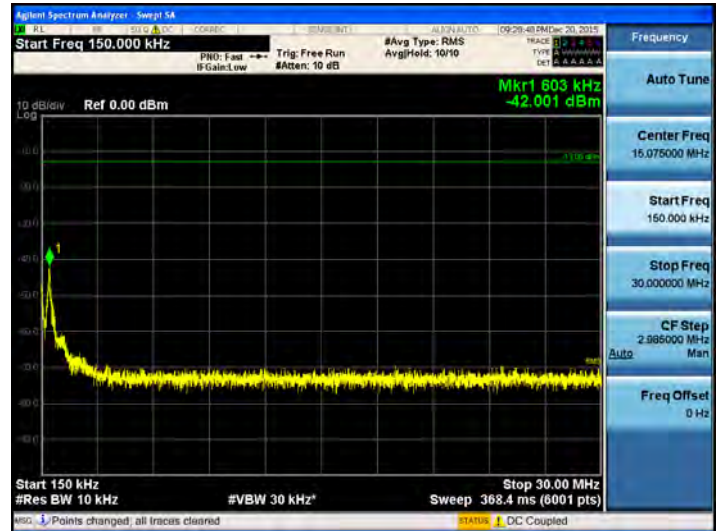


[AWS2100 Band LTE 5MHz Downlink High]

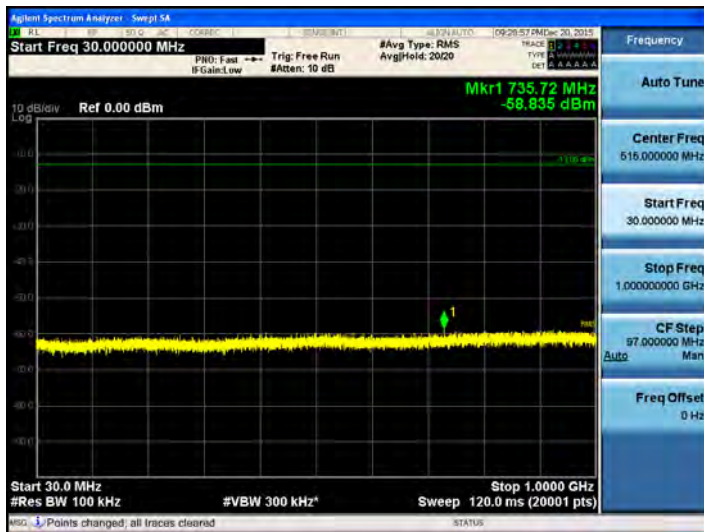
9kHz ~ 150kHz



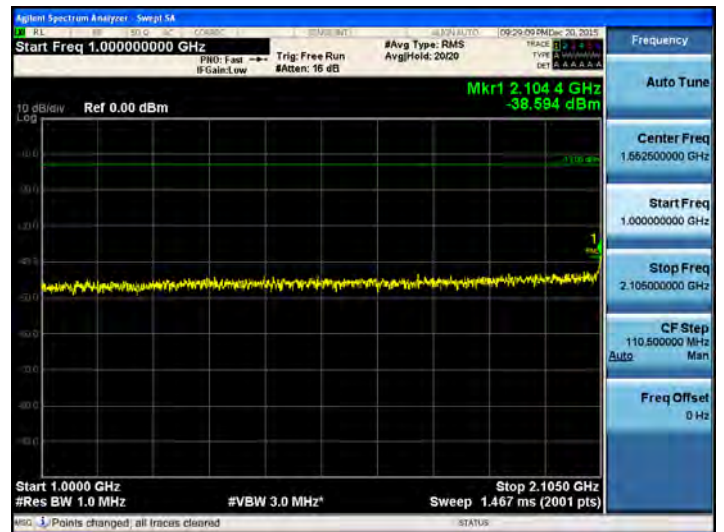
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



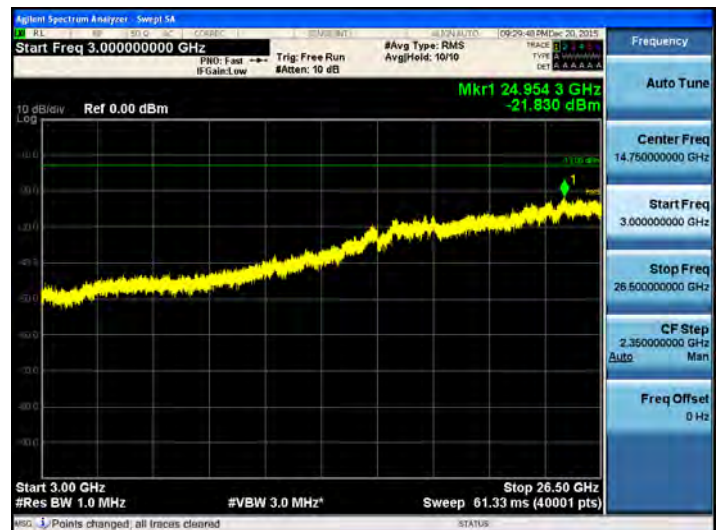
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE 5MHz Downlink Low



Band Edge_LTE 5MHz Downlink High



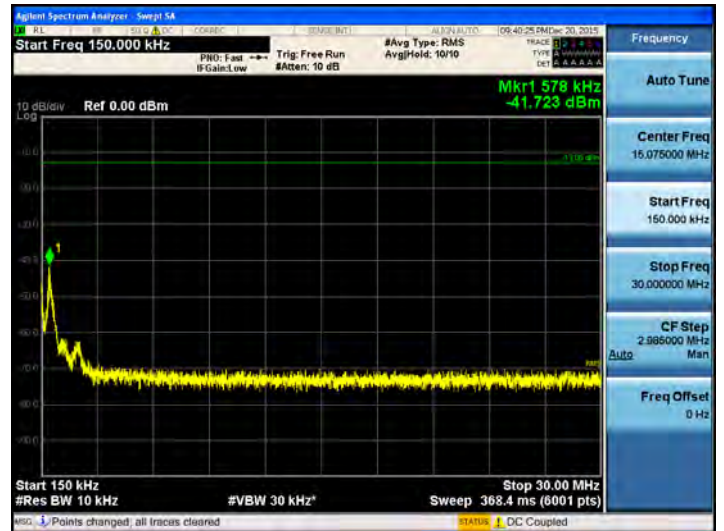
AWS2100 Band LTE 10MHz

[AWS2100 Band LTE 10MHz Downlink Low]

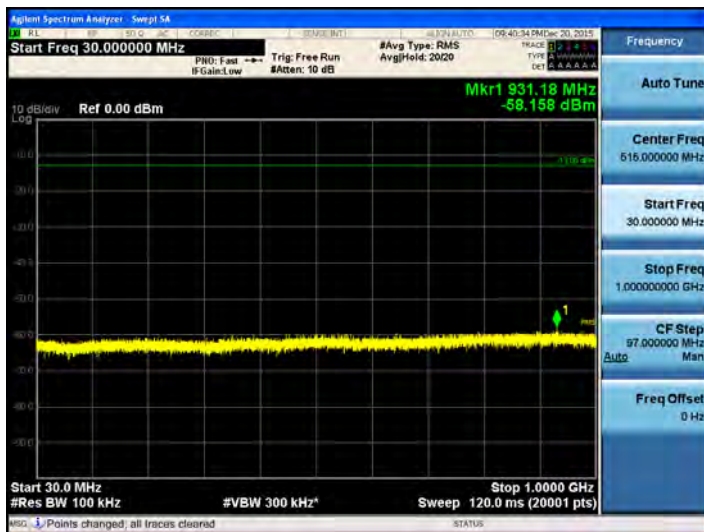
9kHz ~ 150kHz



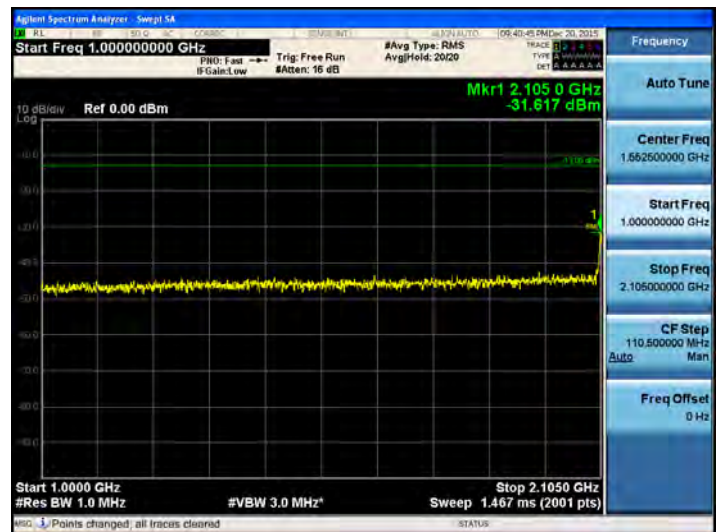
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



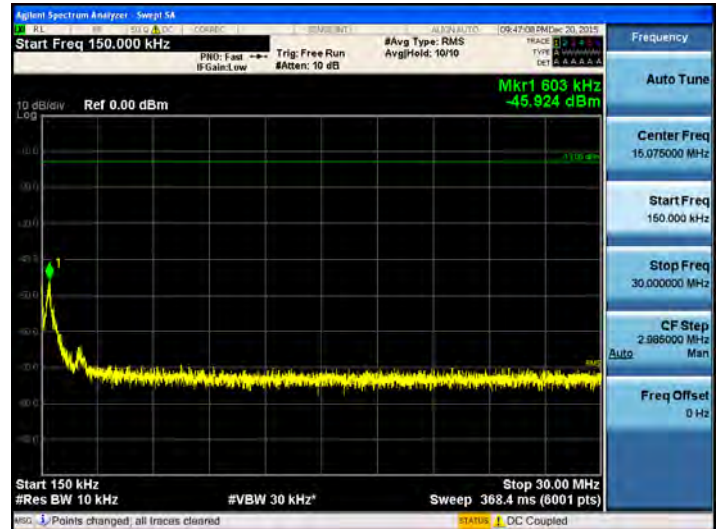


[AWS2100 Band _LTE 10MHz Downlink Mid]

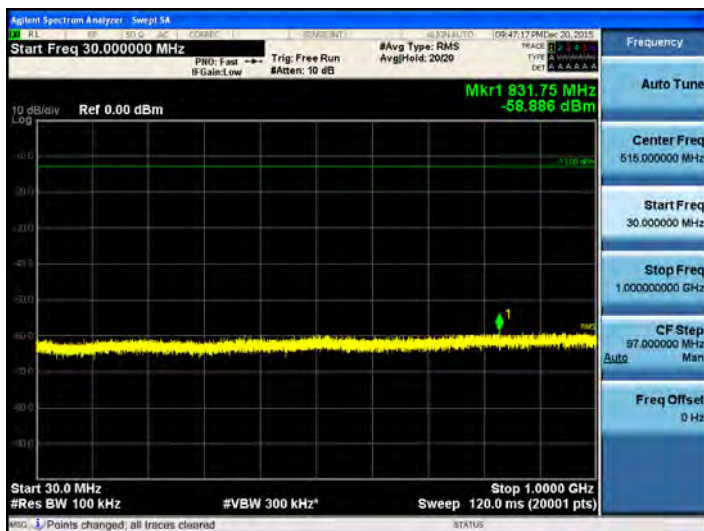
9kHz ~ 150kHz



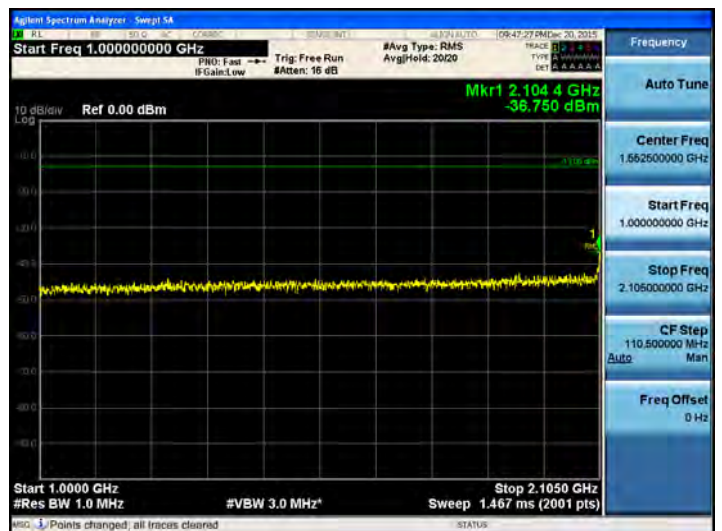
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

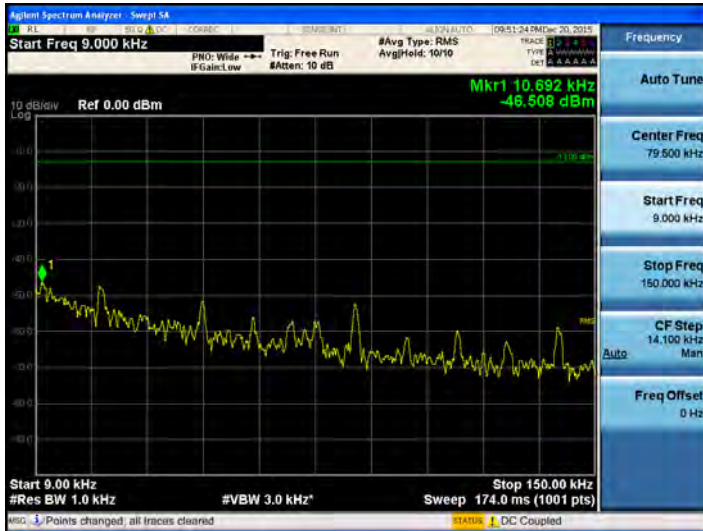


3GHz ~ 26.5GHz

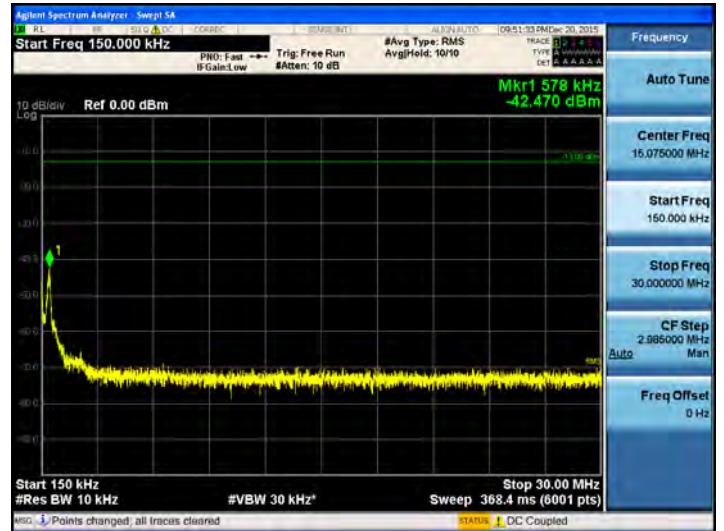


[AWS2100 Band LTE 10MHz Downlink High]

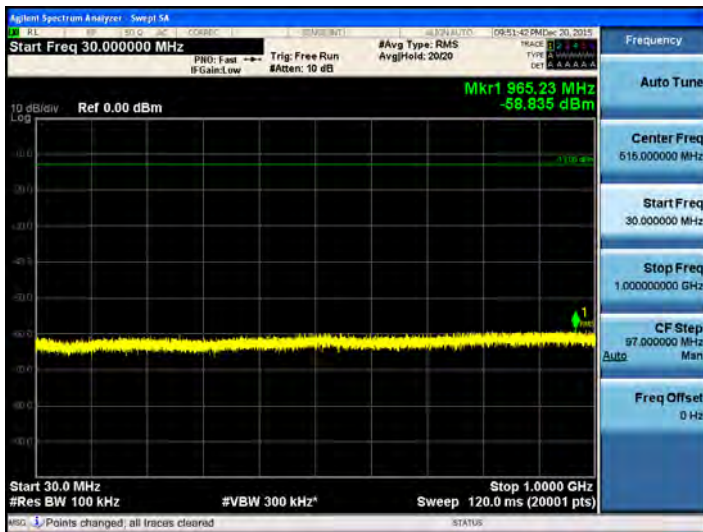
9kHz ~ 150kHz



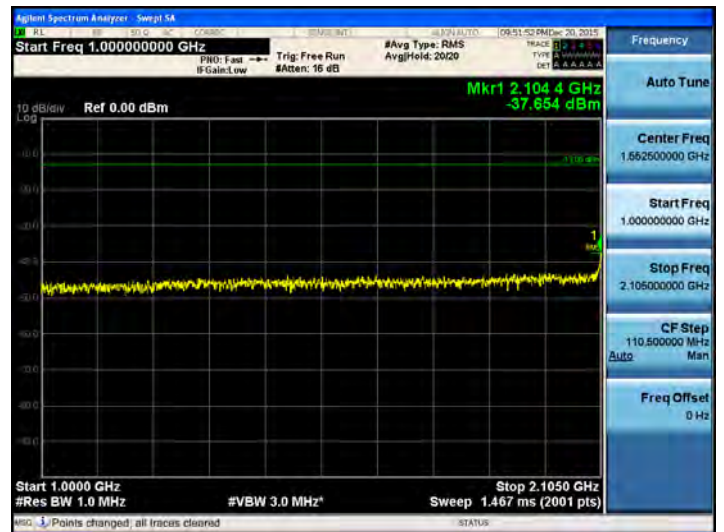
150kHz ~ 30MHz



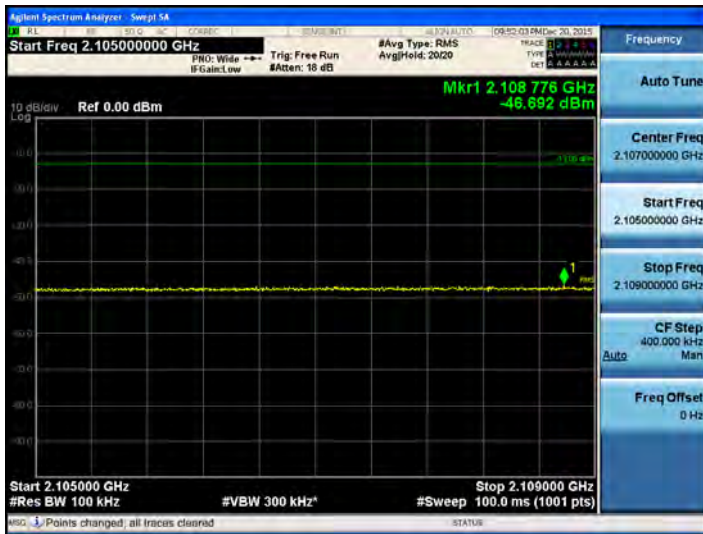
30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE 10MHz Downlink Low



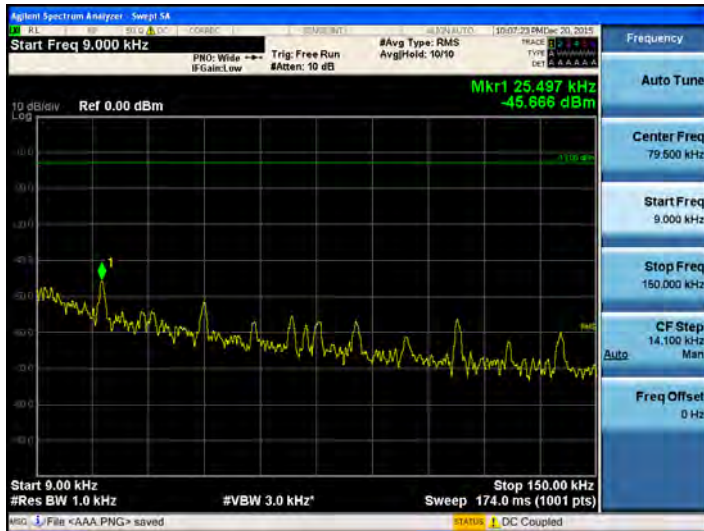
Band Edge_LTE 10MHz Downlink High



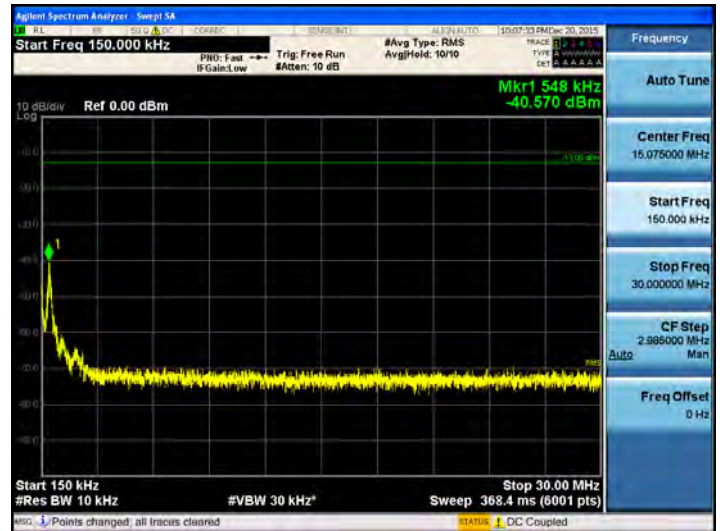
AWS2100 Band LTE 15MHz

[AWS2100 Band LTE 15MHz Downlink Low]

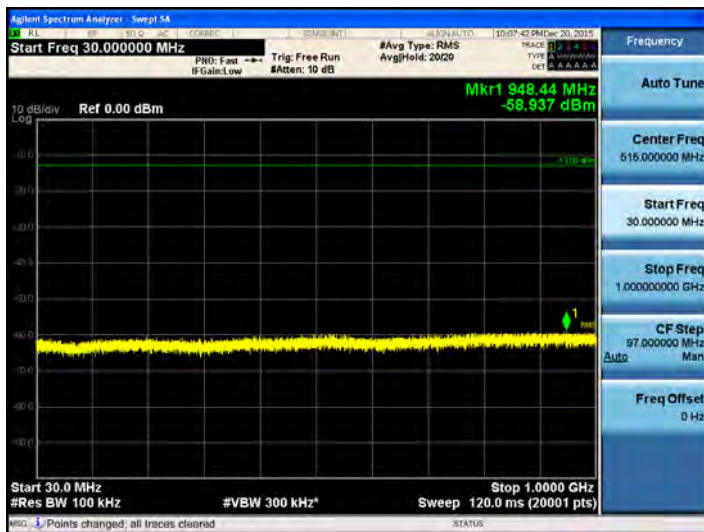
9kHz ~ 150kHz



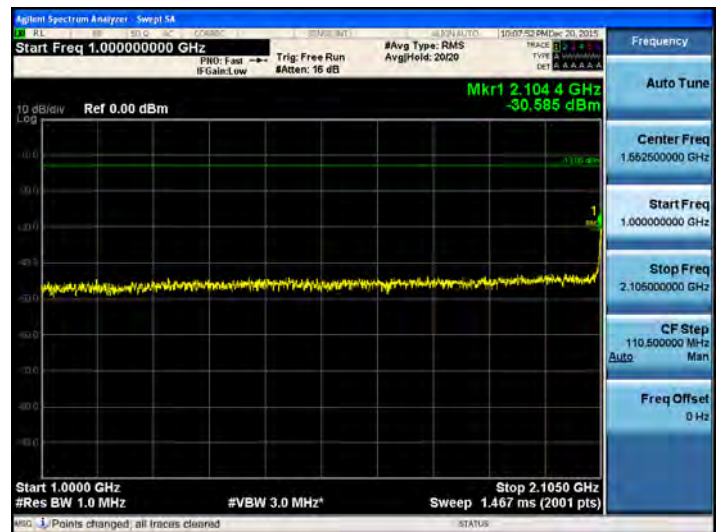
150kHz ~ 30MHz

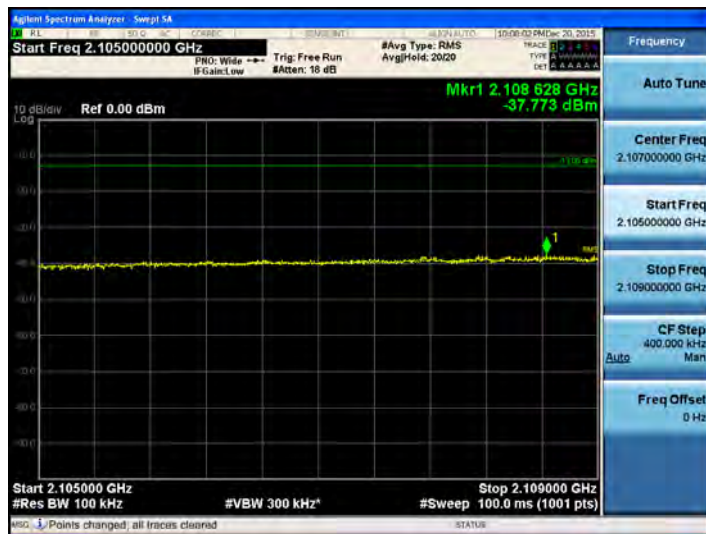


30MHz ~ 1GHz



1GHz ~ 3GHz-1



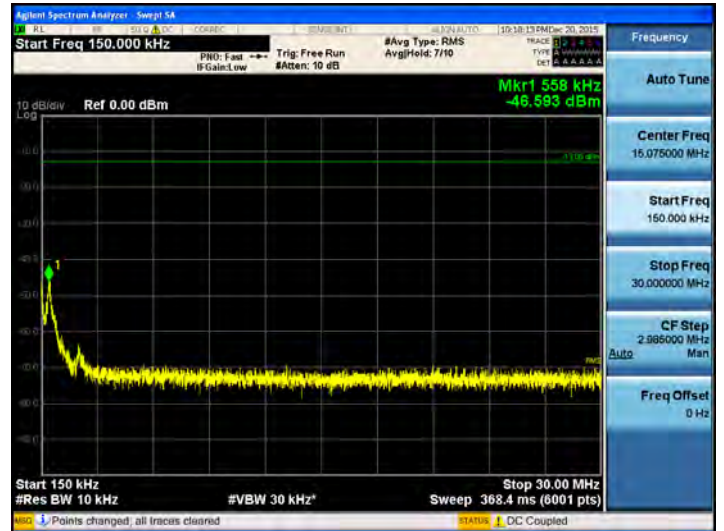


[AWS2100 Band _LTE 15MHz Downlink Mid]

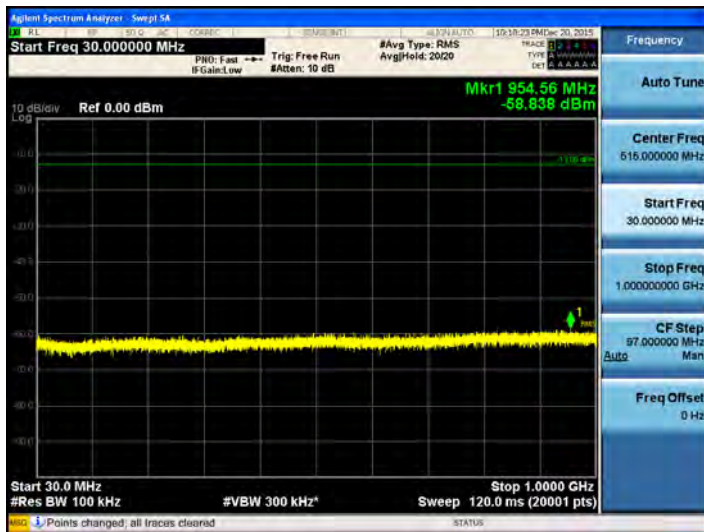
9kHz ~ 150kHz



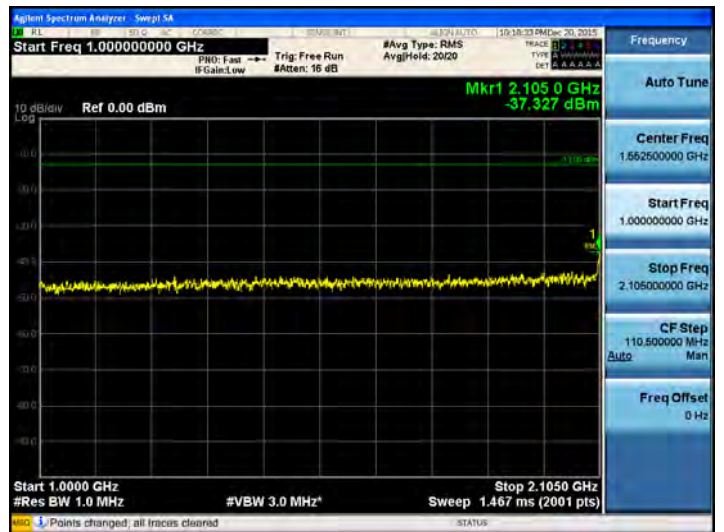
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

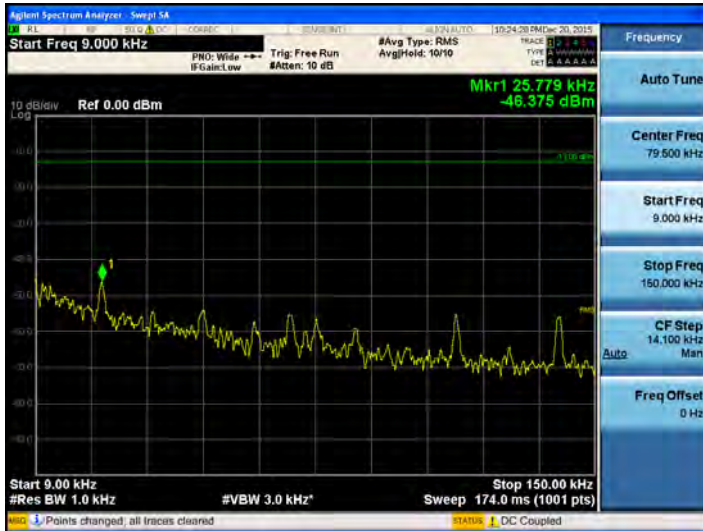


3GHz ~ 26.5GHz

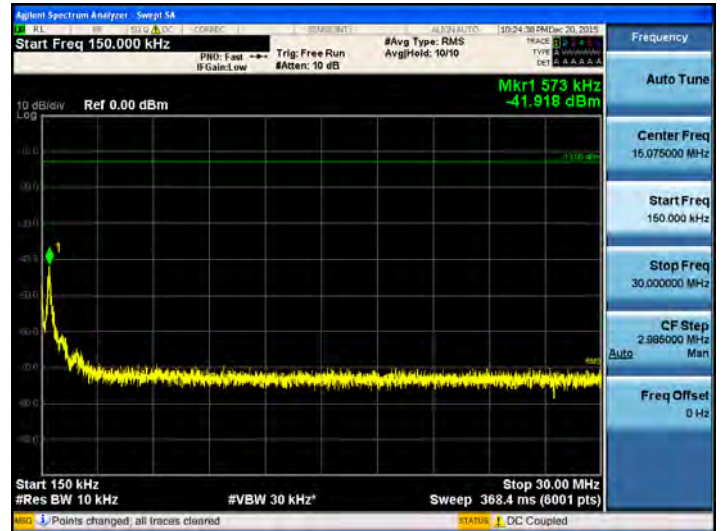


[AWS2100 Band LTE 15MHz Downlink High]

9kHz ~ 150kHz



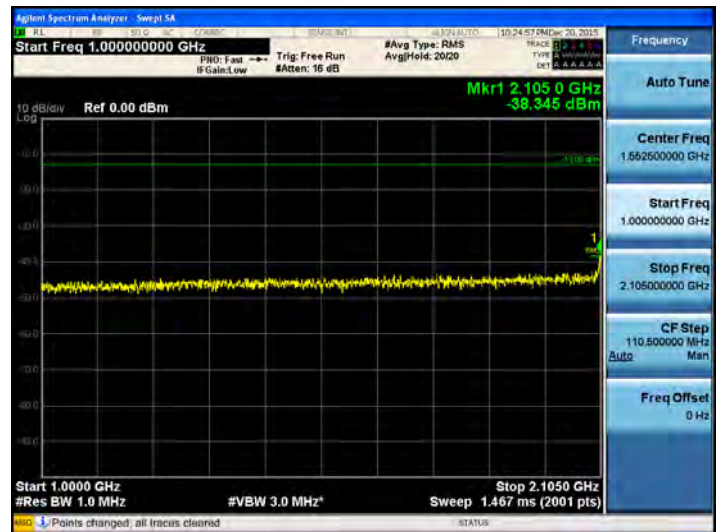
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



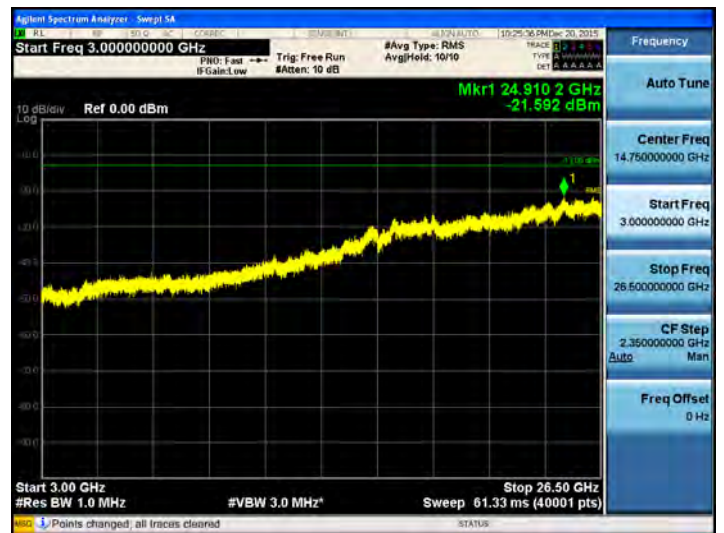
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE 15MHz Downlink Low



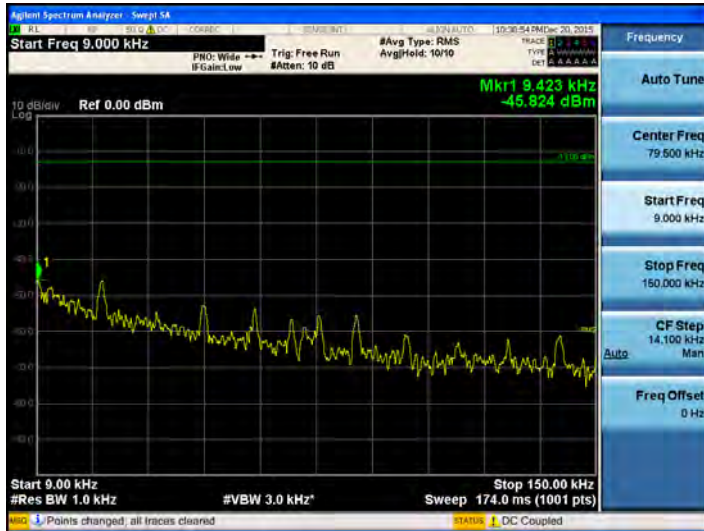
Band Edge_LTE 15MHz Downlink High



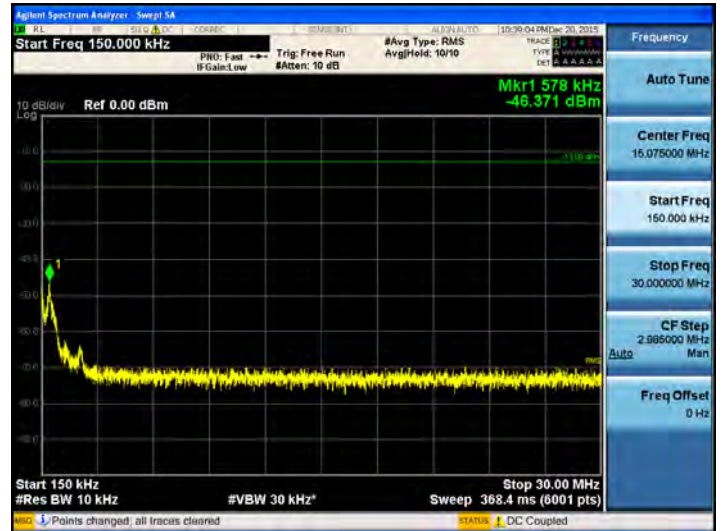
AWS2100 Band LTE 20MHz

[AWS2100 Band LTE 20MHz Downlink Low]

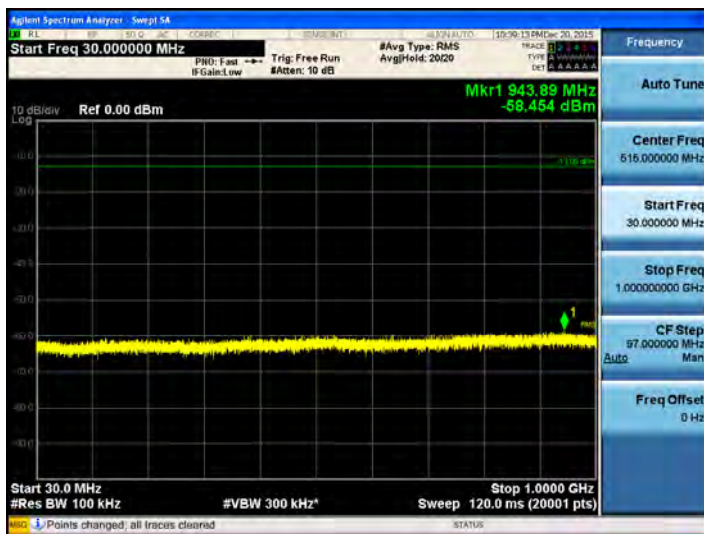
9kHz ~ 150kHz



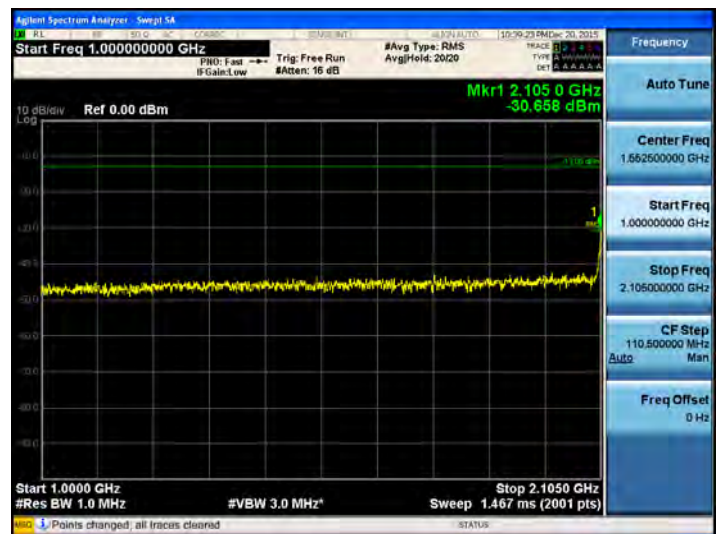
150kHz ~ 30MHz



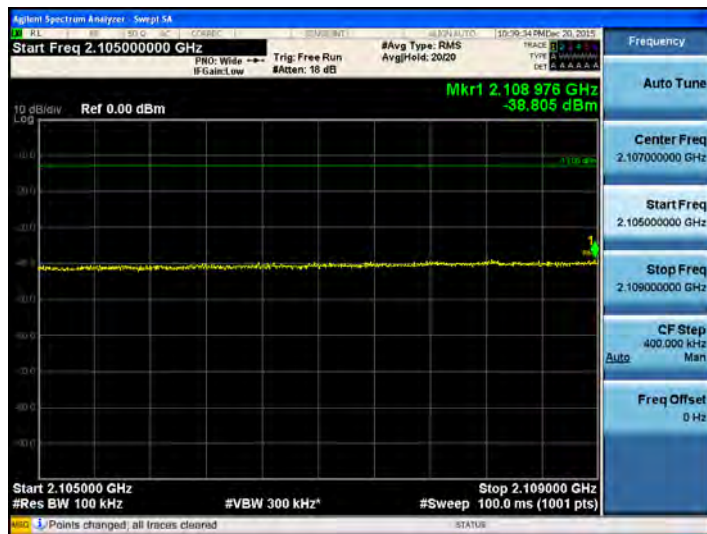
30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

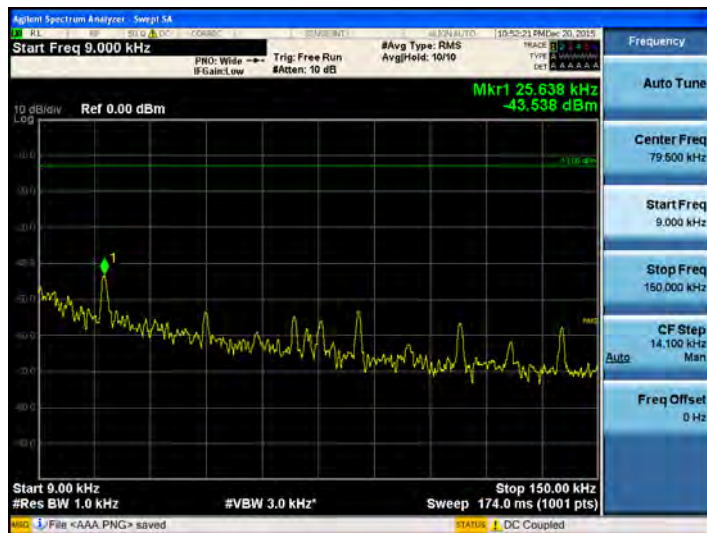


3GHz ~ 26.5GHz

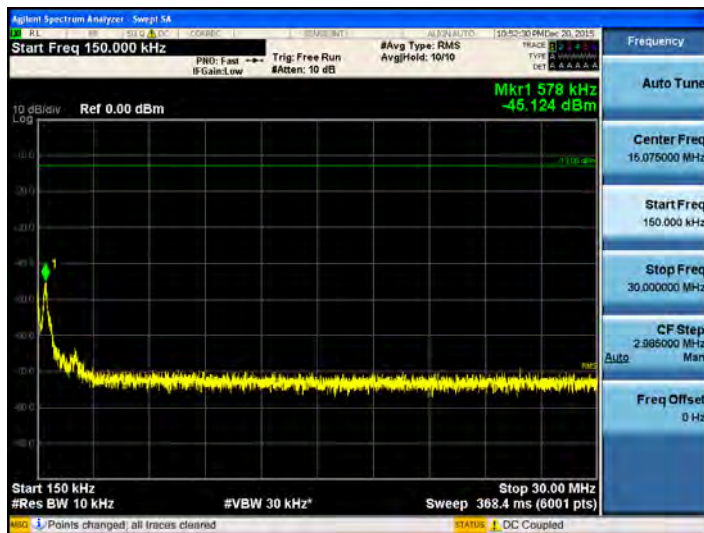


[AWS2100 Band _LTE 20MHz Downlink Mid]

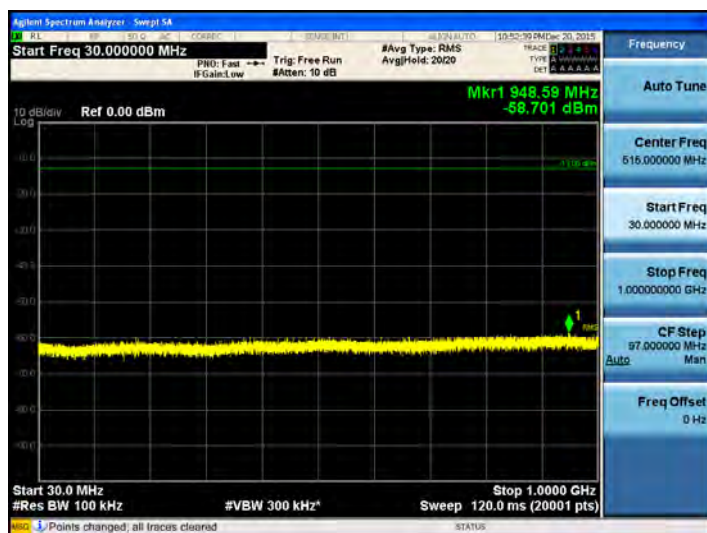
9kHz ~ 150kHz



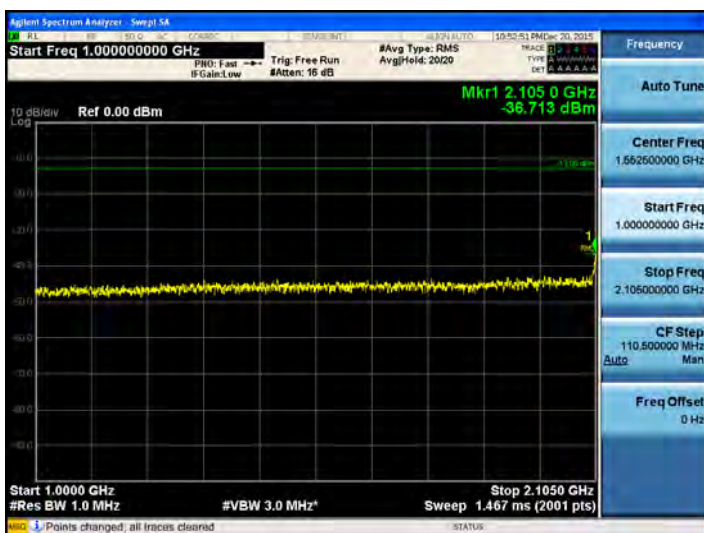
150kHz ~ 30MHz



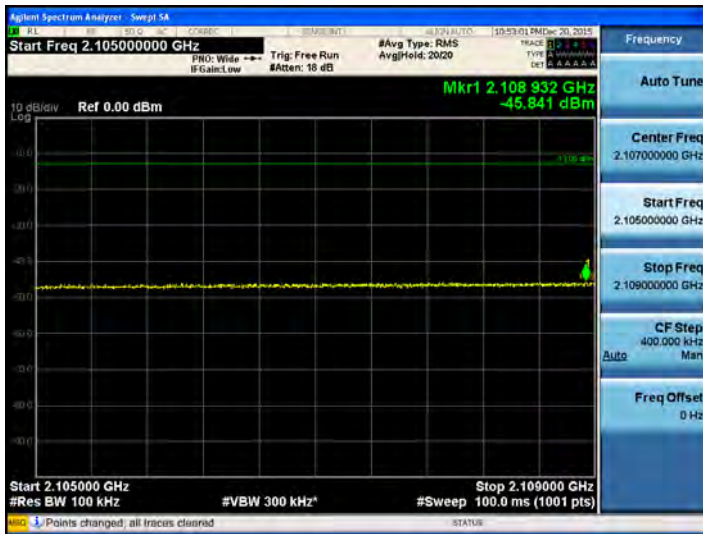
30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



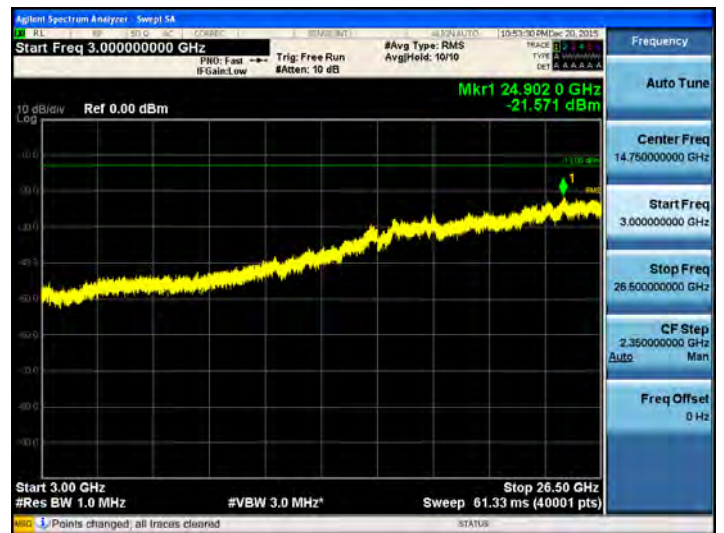
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

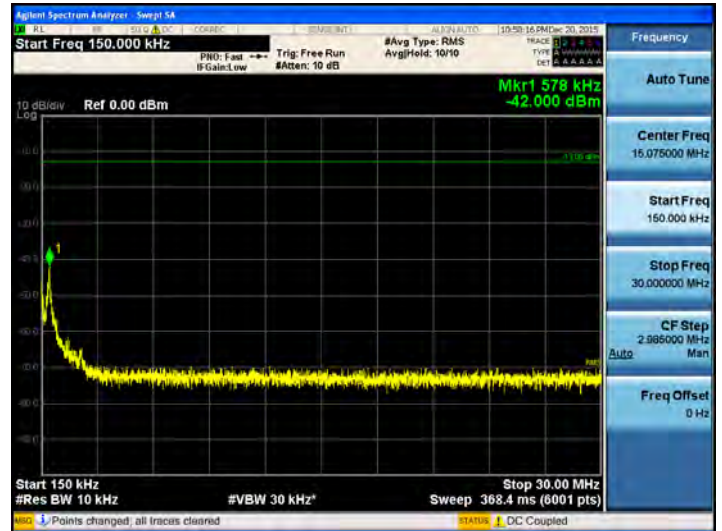


[AWS2100 Band LTE 20MHz Downlink High]

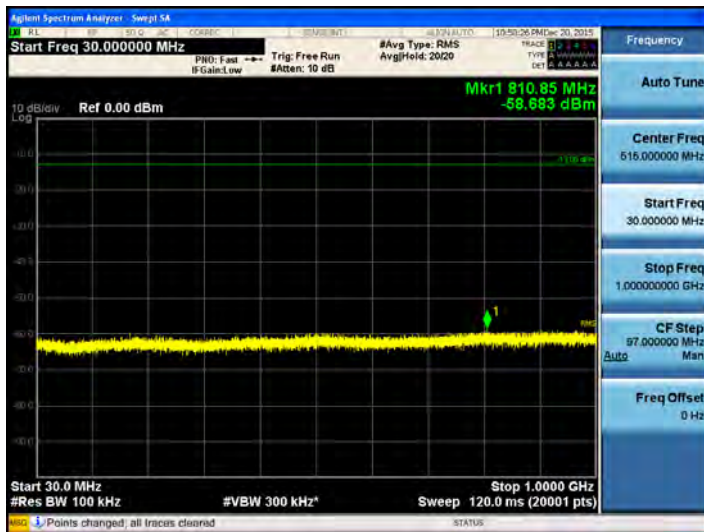
9kHz ~ 150kHz



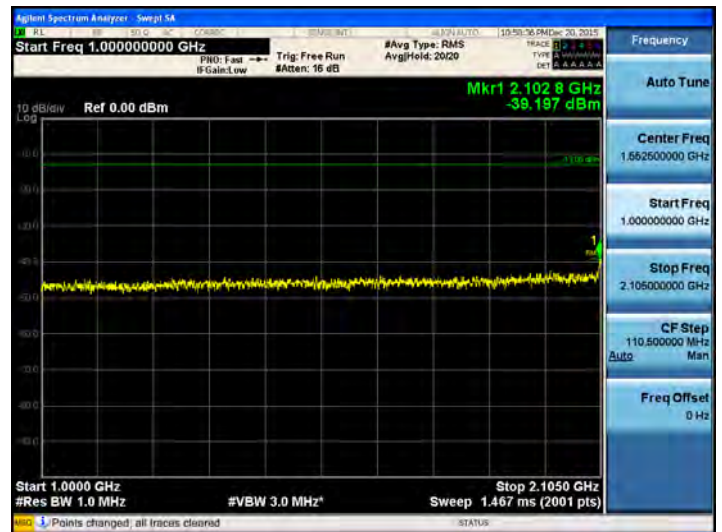
150kHz ~ 30MHz



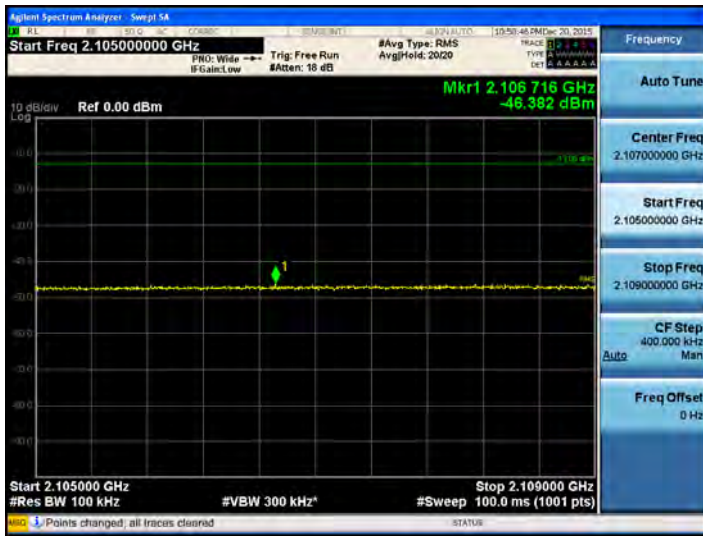
30MHz ~ 1GHz



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



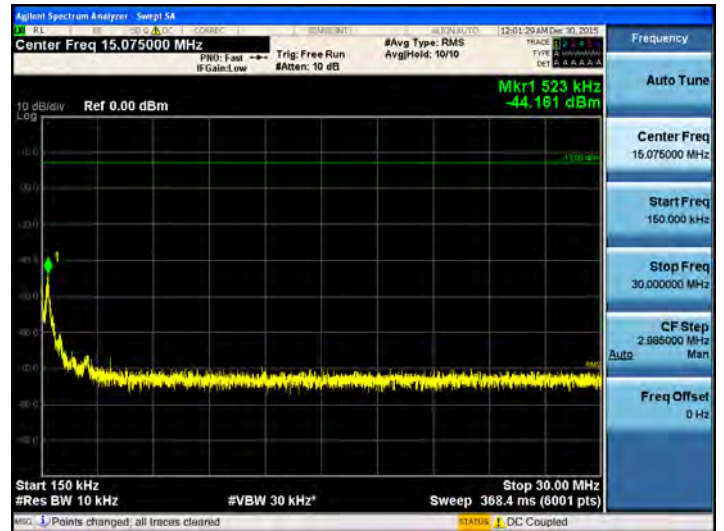
AWS2100 Band UMTS

[AWS2100 Band UMTS Downlink Low]

9kHz ~ 150kHz



150kHz ~ 30MHz



1GHz ~ 3GHz-1



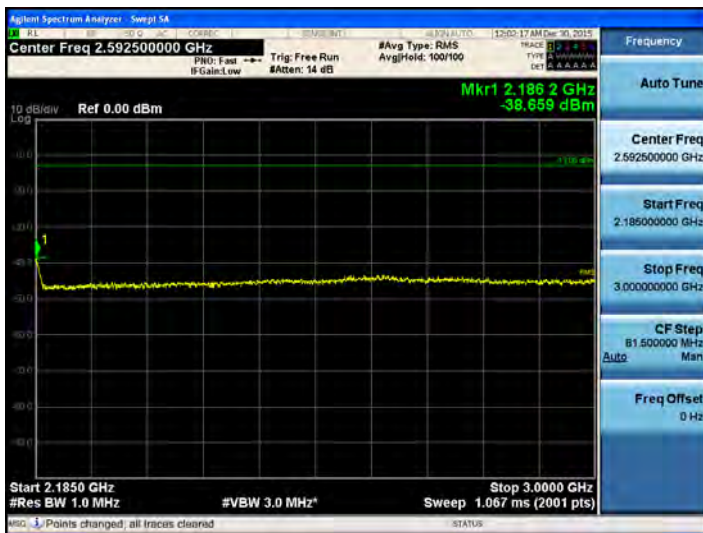
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

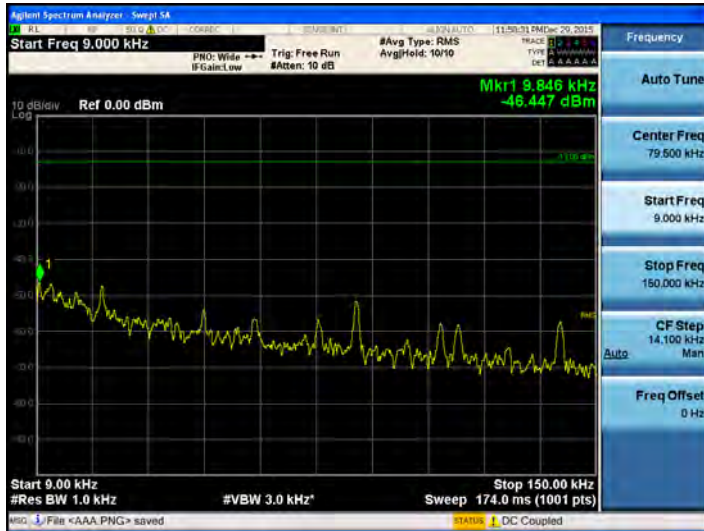


3GHz ~ 26.5GHz

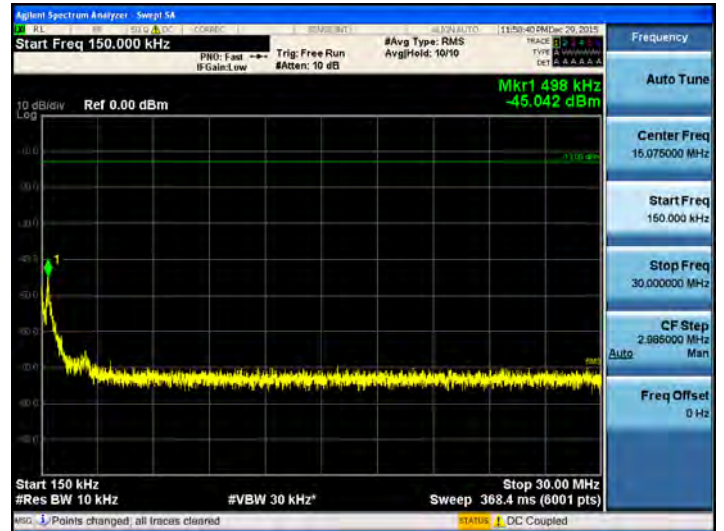


[AWS2100 Band _UMTS Downlink Mid]

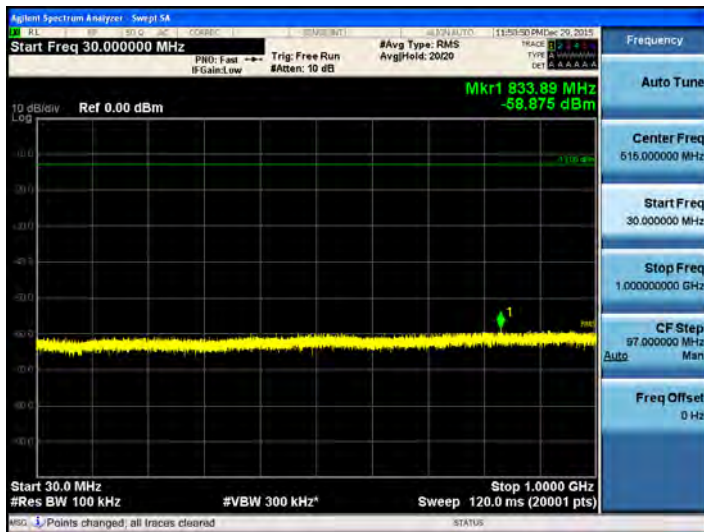
9kHz ~ 150kHz



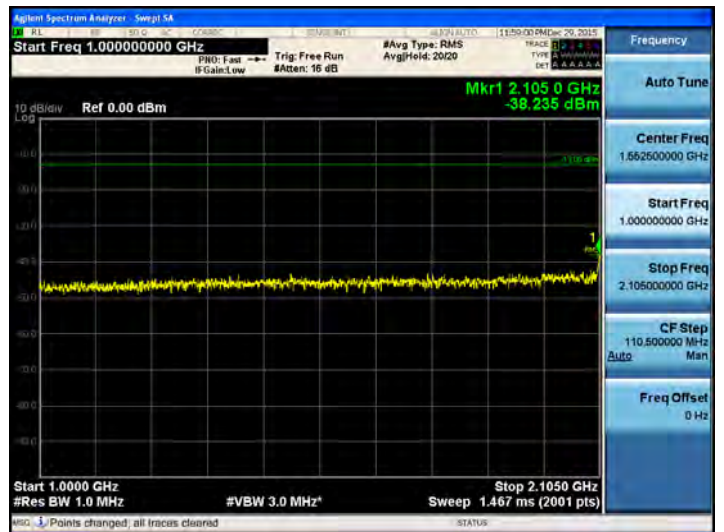
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



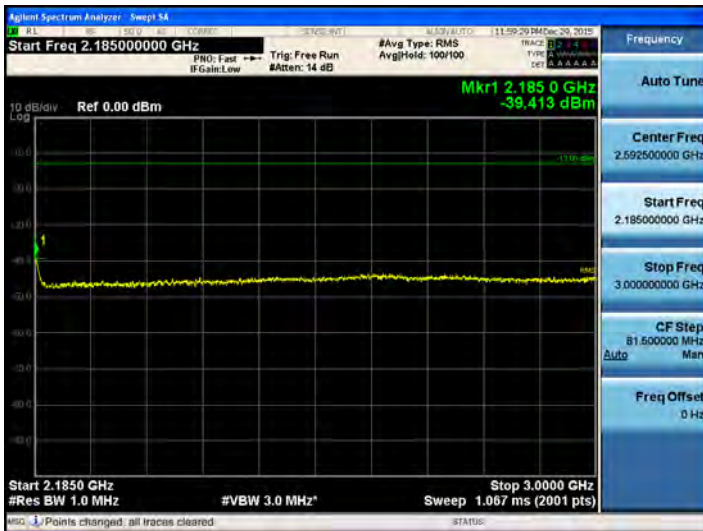
1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

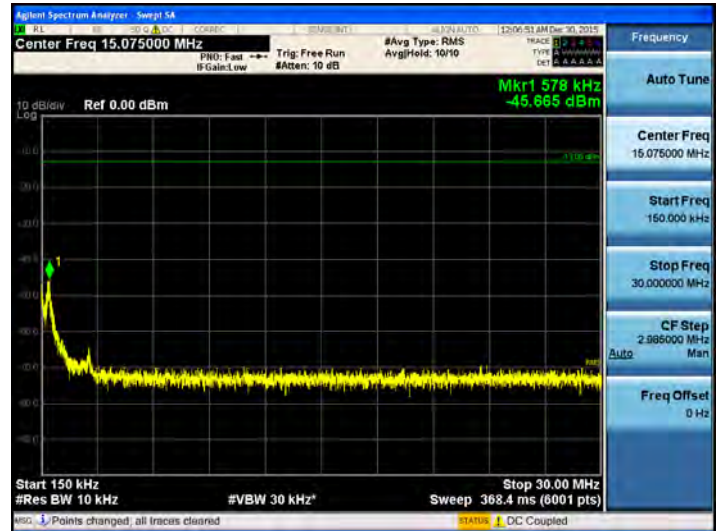


[AWS2100 Band UMTS Downlink High]

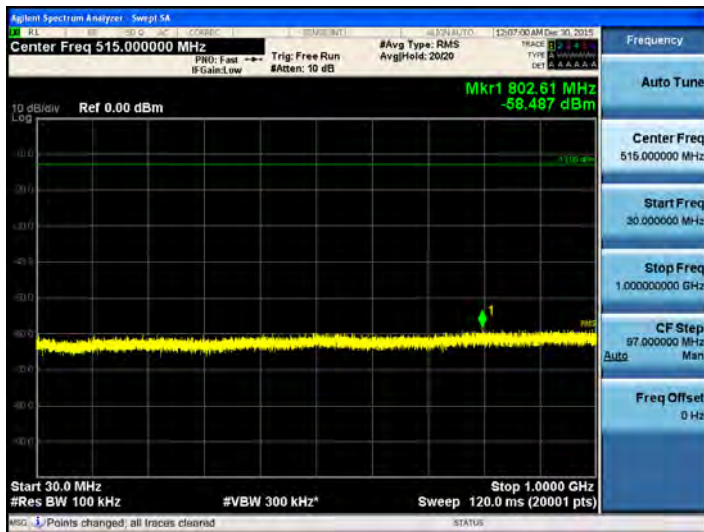
9kHz ~ 150kHz



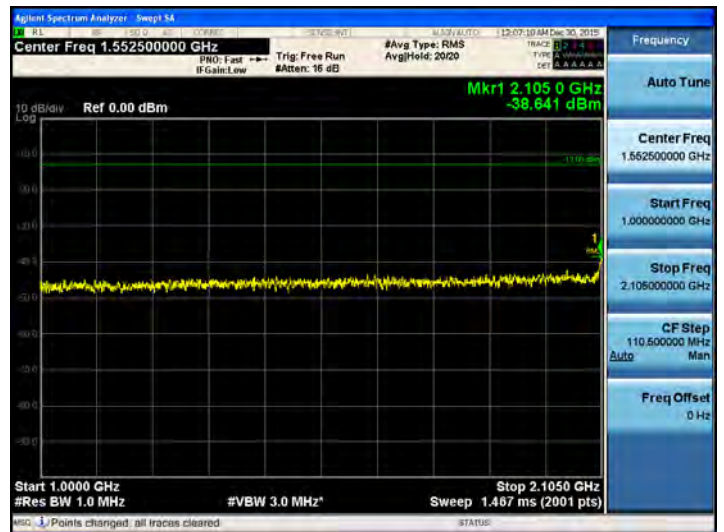
150kHz ~ 30MHz

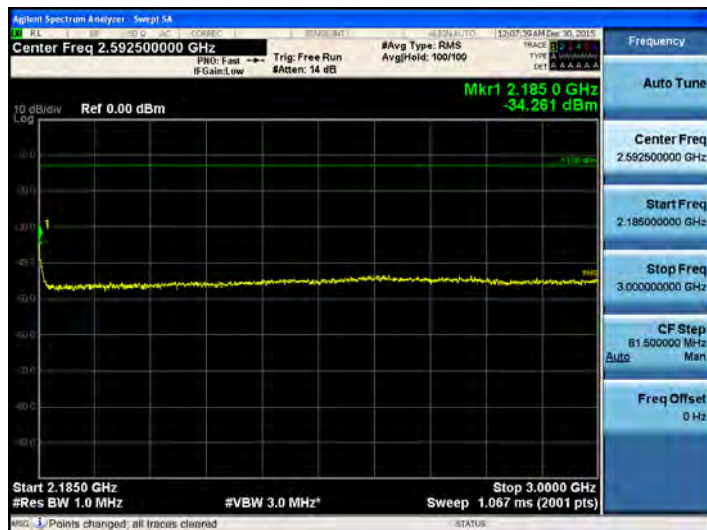


30MHz ~ 1GHz



1GHz ~ 3GHz-1

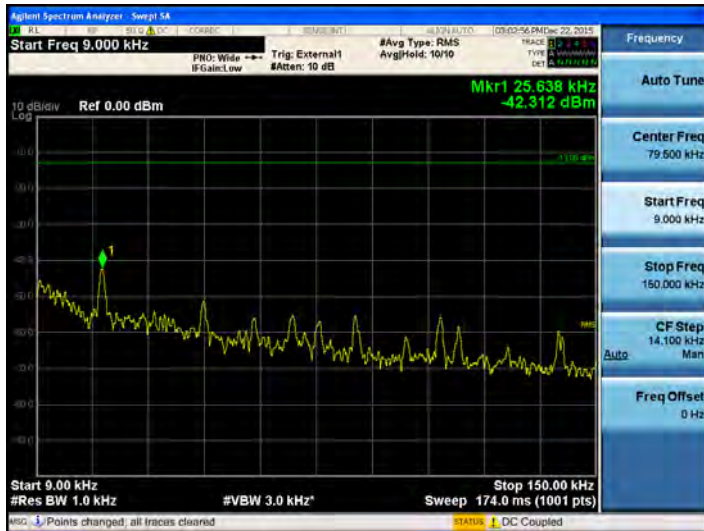




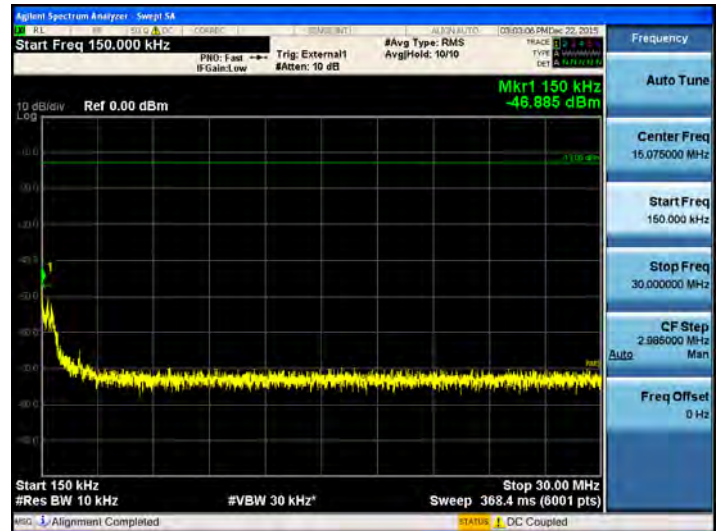
BRS Band LTE 20MHz

[BRS Band LTE20MHz Downlink Low]

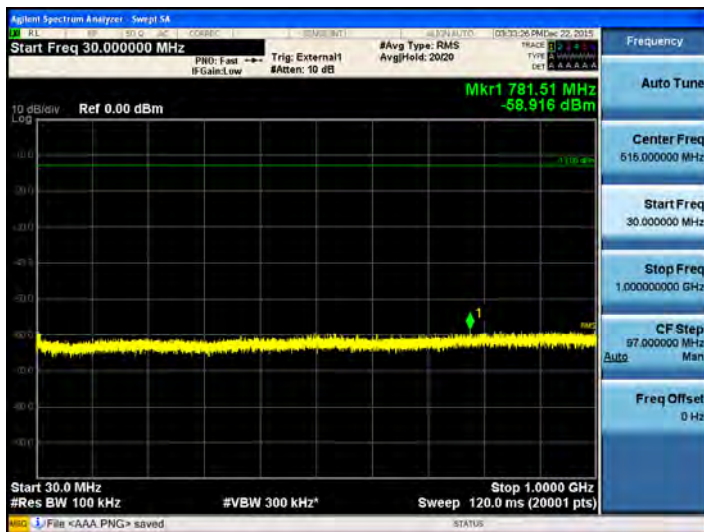
9kHz ~ 150kHz



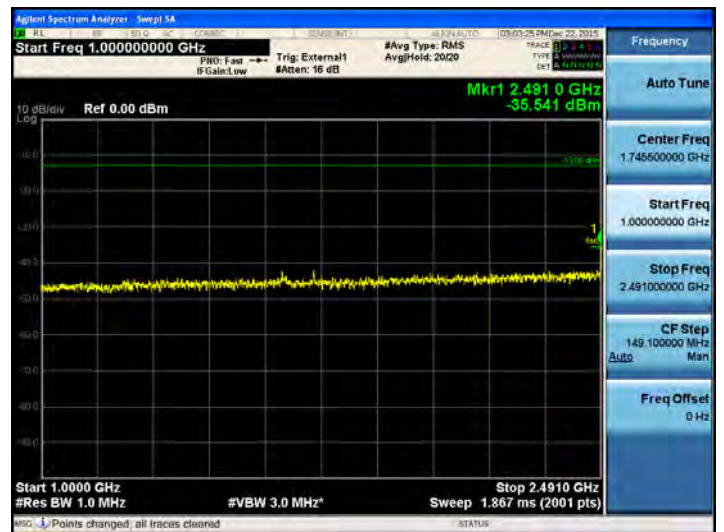
150kHz ~ 30MHz



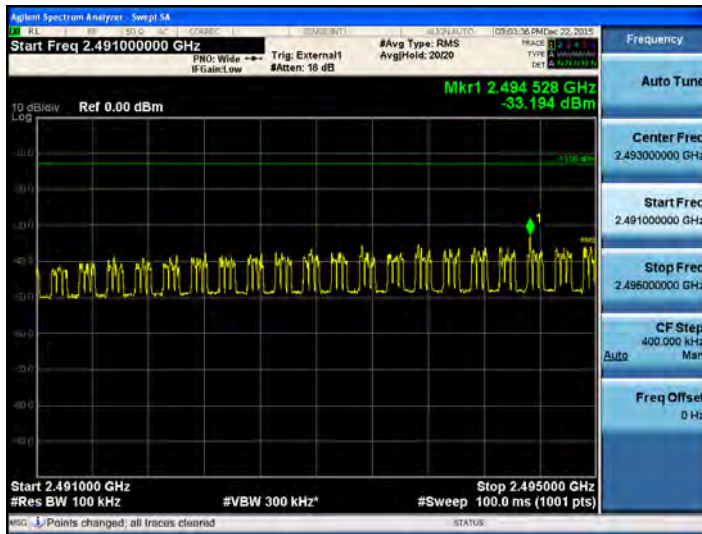
30MHz ~ 1GHz



1GHz ~ 3GHz-1



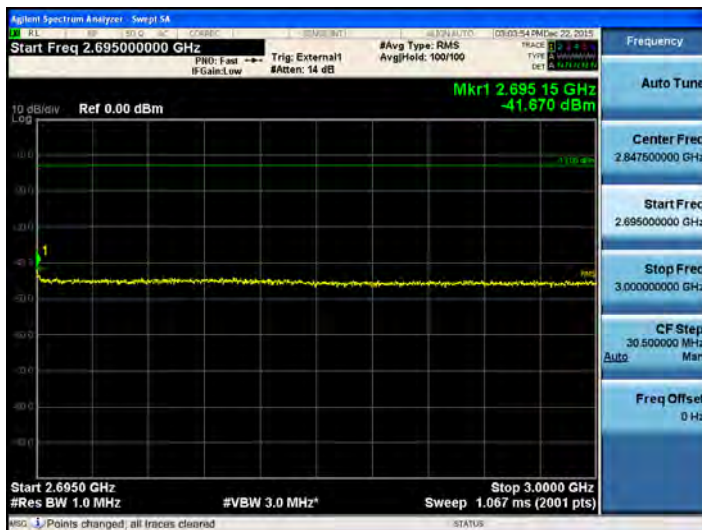
1GHz ~ 3GHz-2



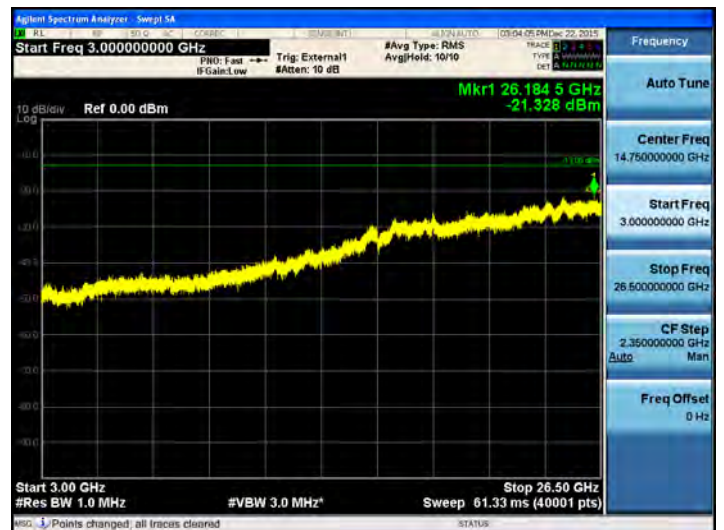
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

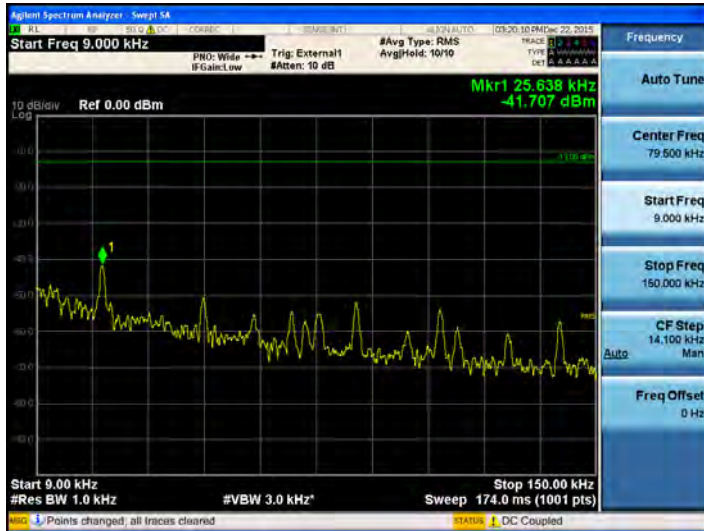


3GHz ~ 26.5GHz

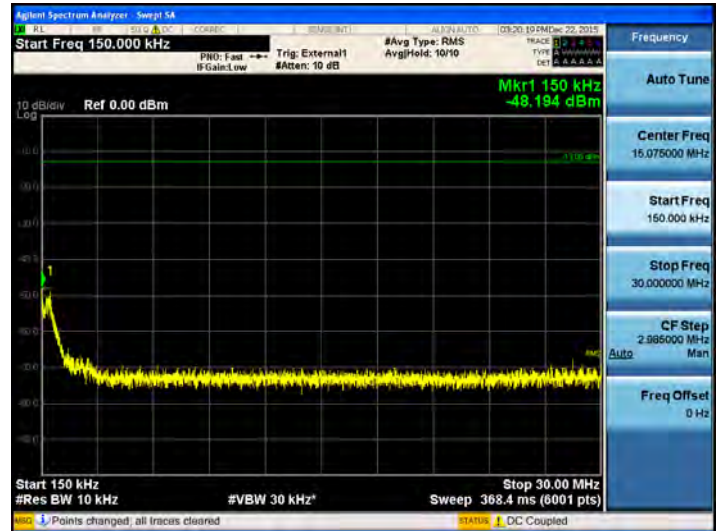


[BRS Band _LTE 20MHz Downlink Mid]

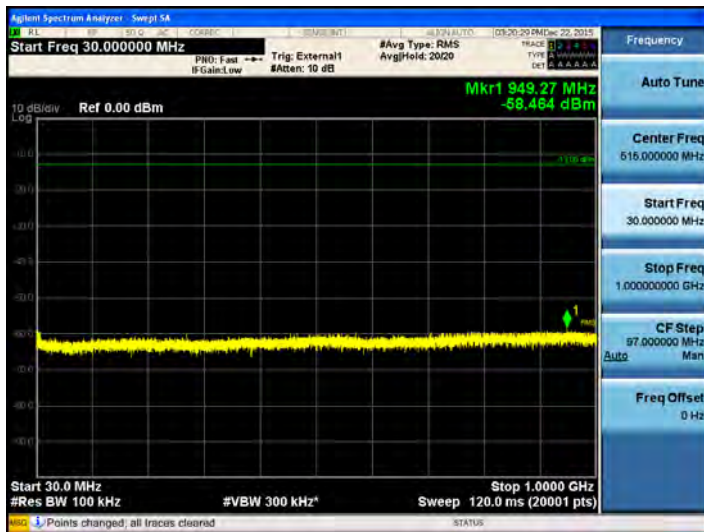
9kHz ~ 150kHz



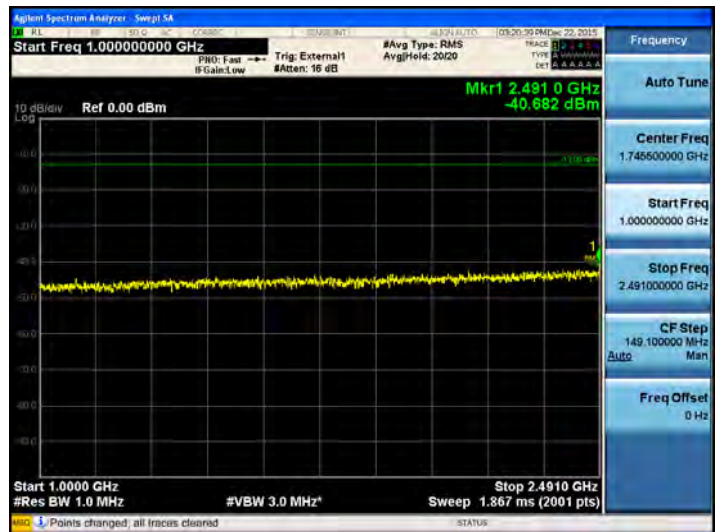
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

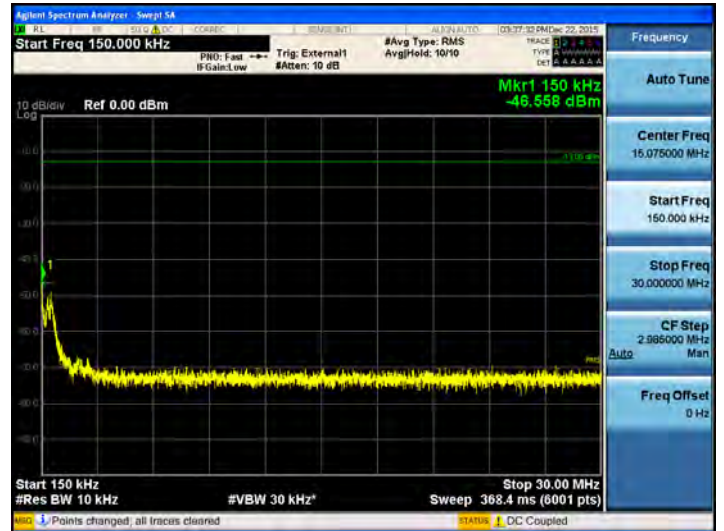


[BRS Band LTE 20MHz Downlink High]

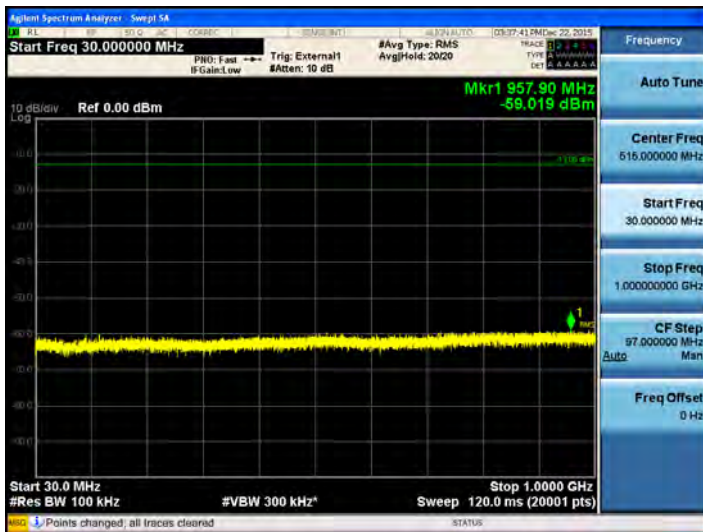
9kHz ~ 150kHz



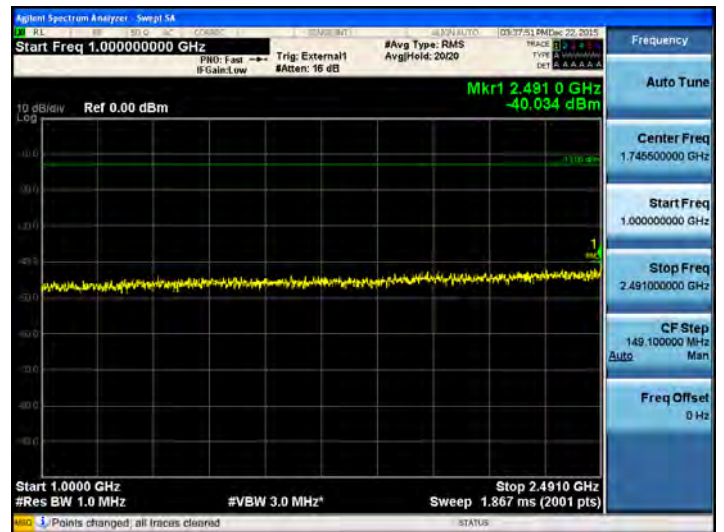
150kHz ~ 30MHz



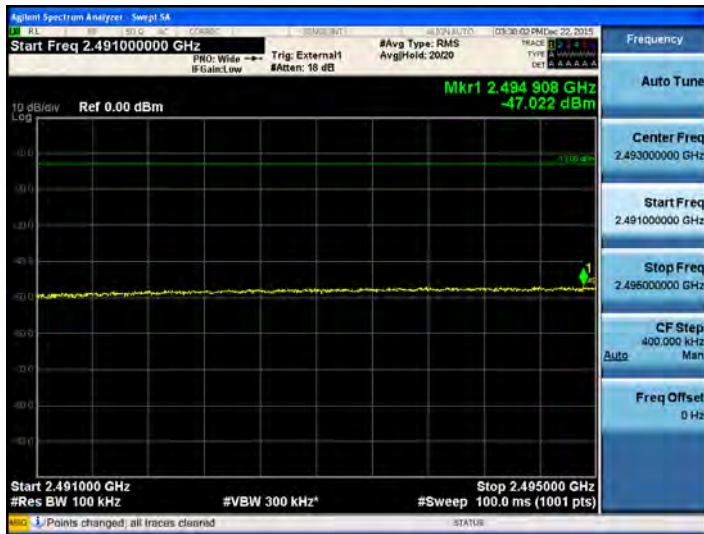
30MHz ~ 1GHz



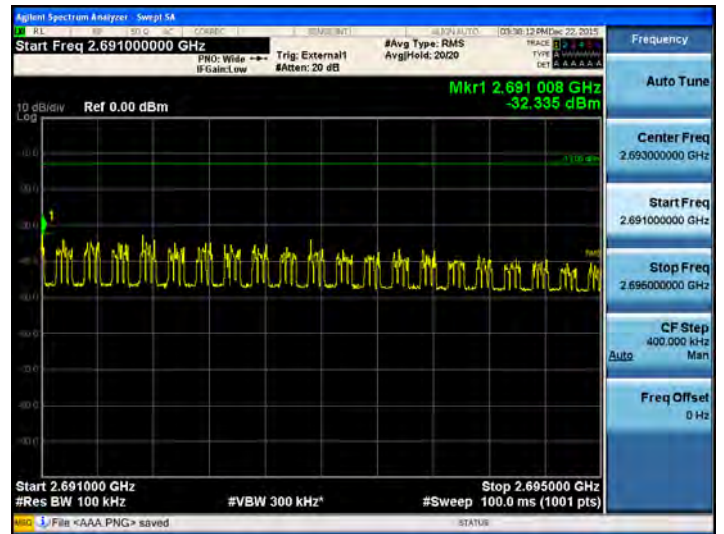
1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



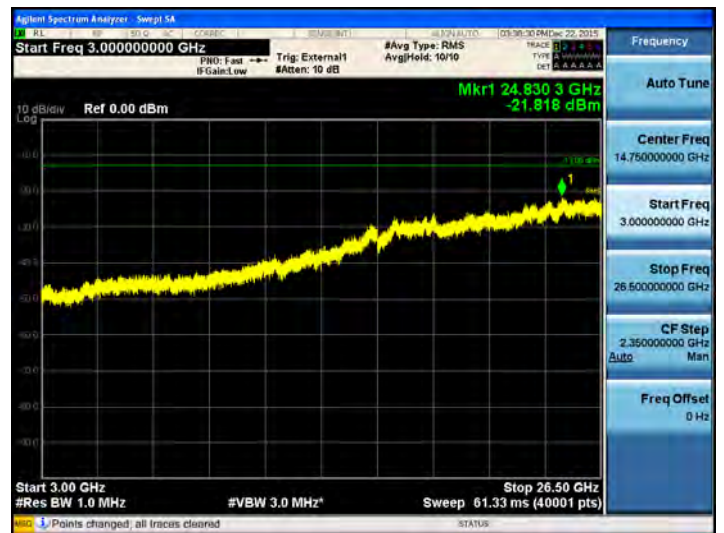
1GHz ~ 3GHz-3



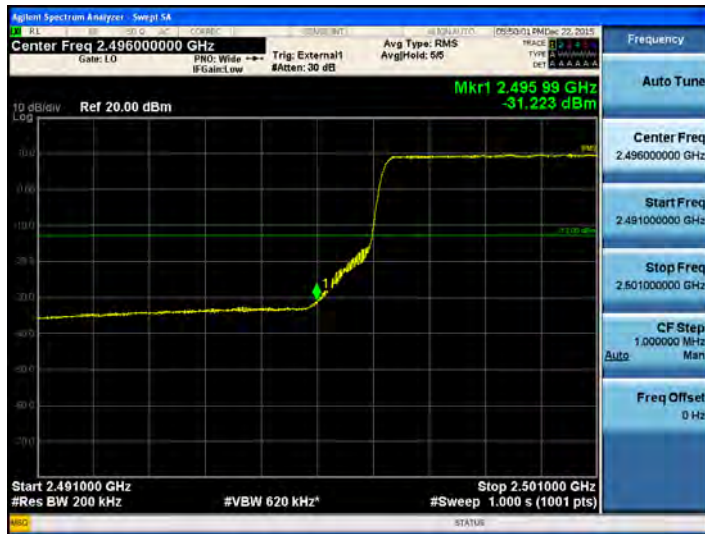
1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE20MHz Downlink Low



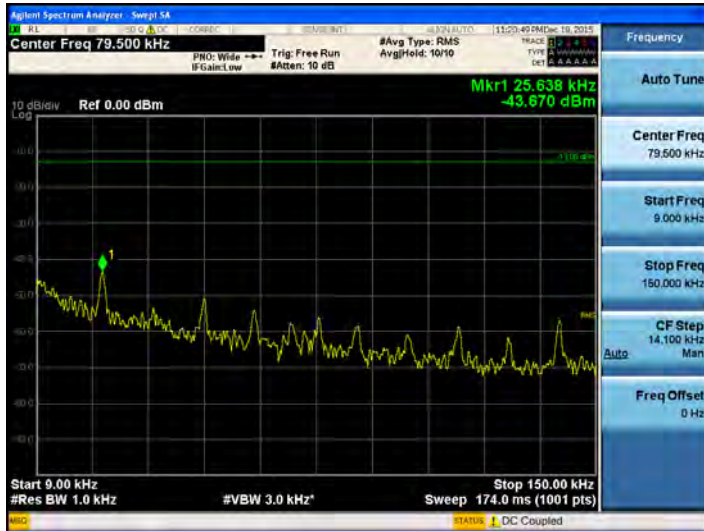
Band Edge_LTE 20MHz Downlink High



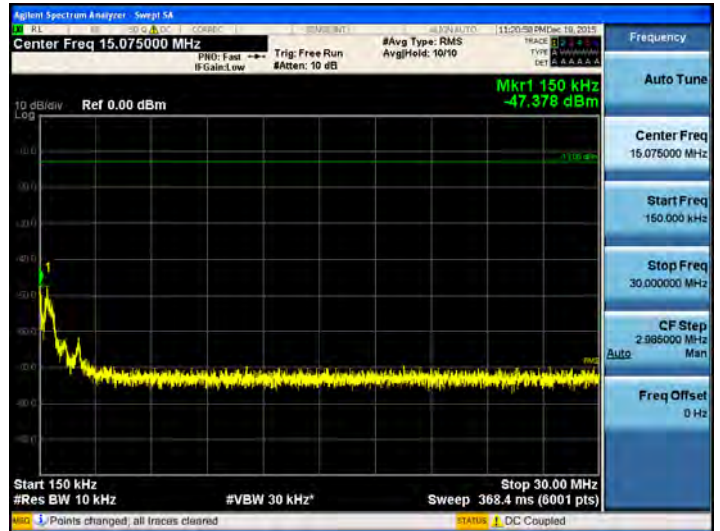
PCS 1900 Band LTE 5 MHz

[PCS 1900 Band LTE 5MHz Downlink Low]

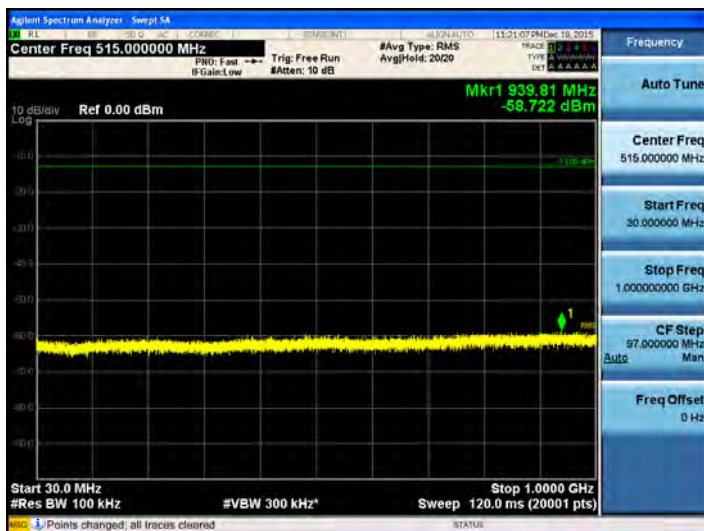
9kHz ~ 150kHz



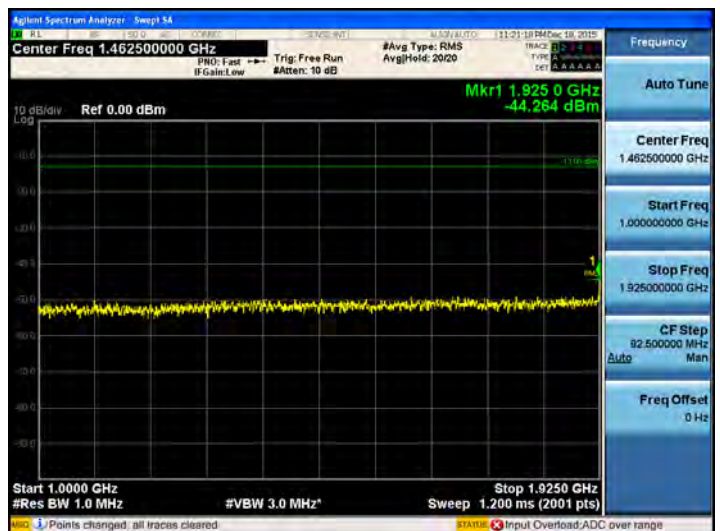
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

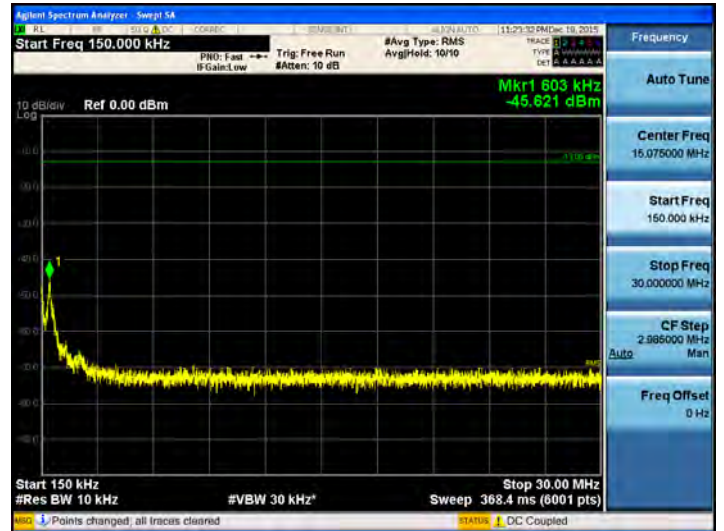


[PCS 1900 Band _LTE 5MHz Downlink Mid]

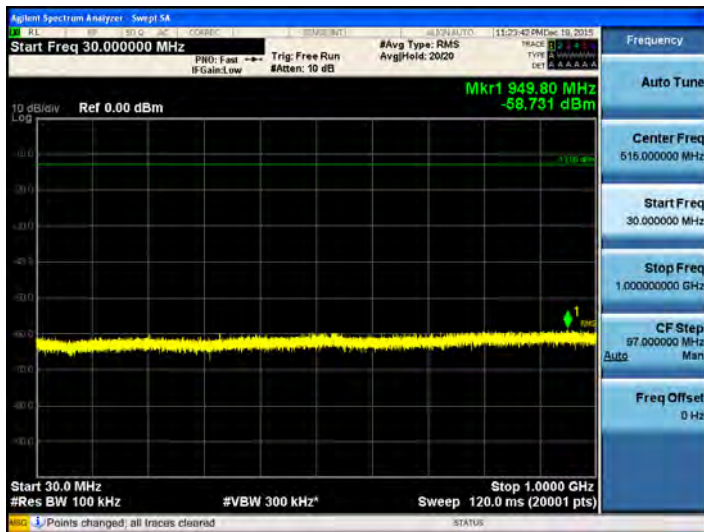
9kHz ~ 150kHz



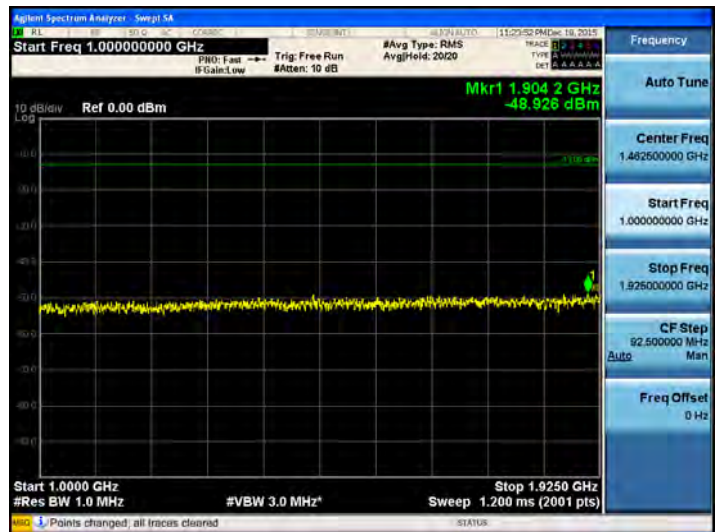
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



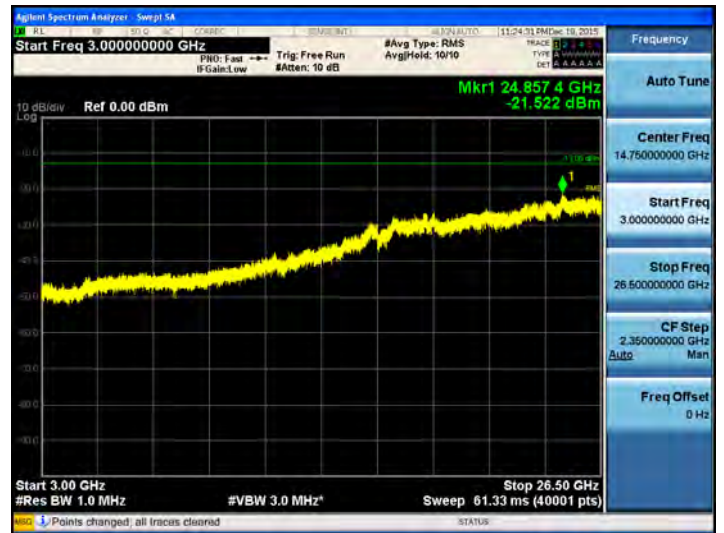
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

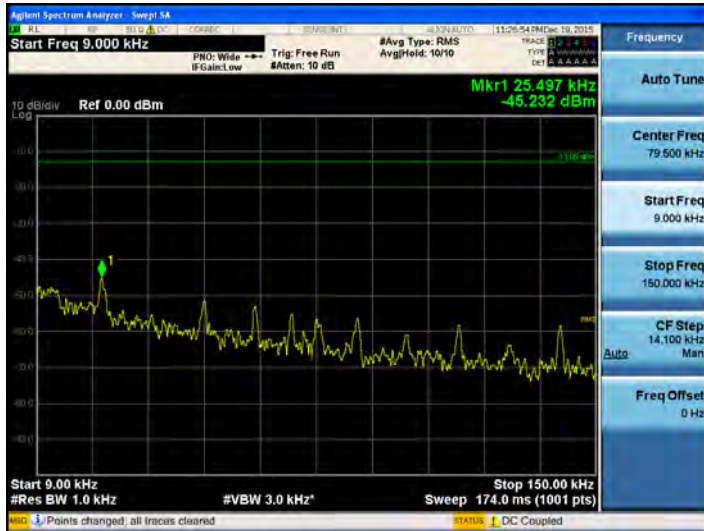


3GHz ~ 26.5GHz

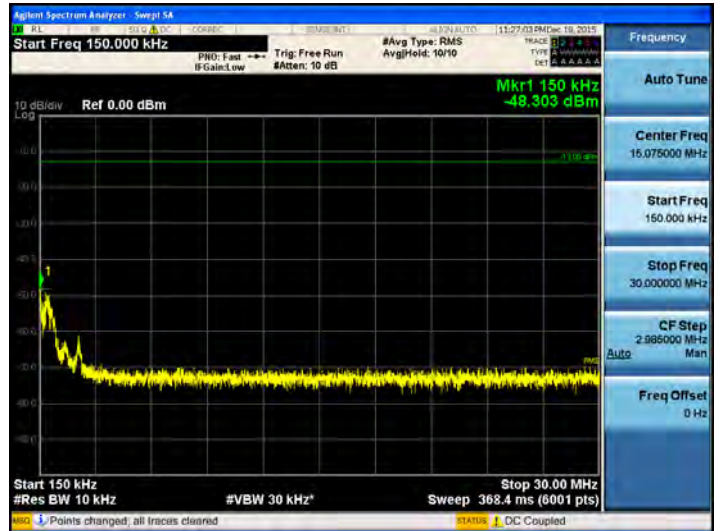


[PCS 1900 Band LTE 5MHz Downlink High]

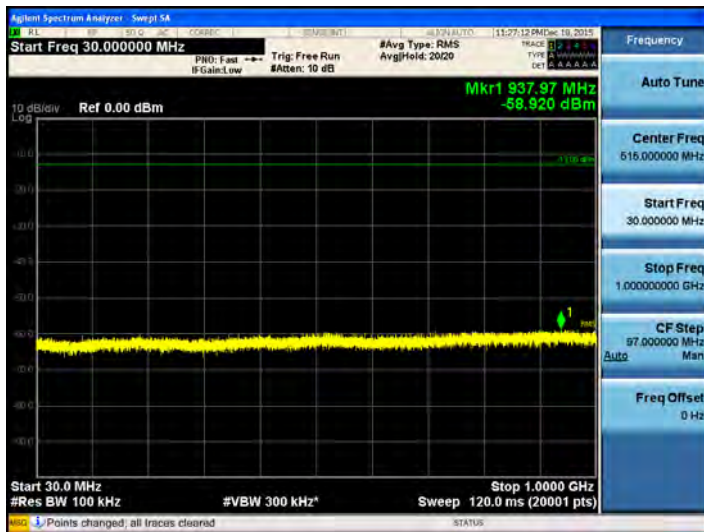
9kHz ~ 150kHz



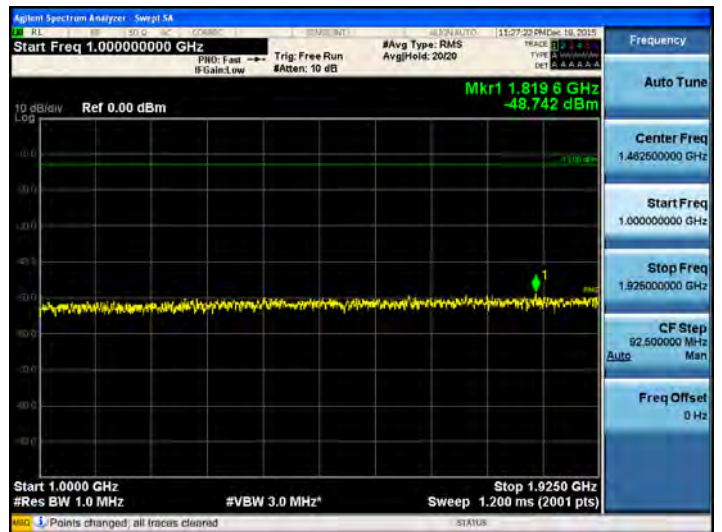
150kHz ~ 30MHz



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



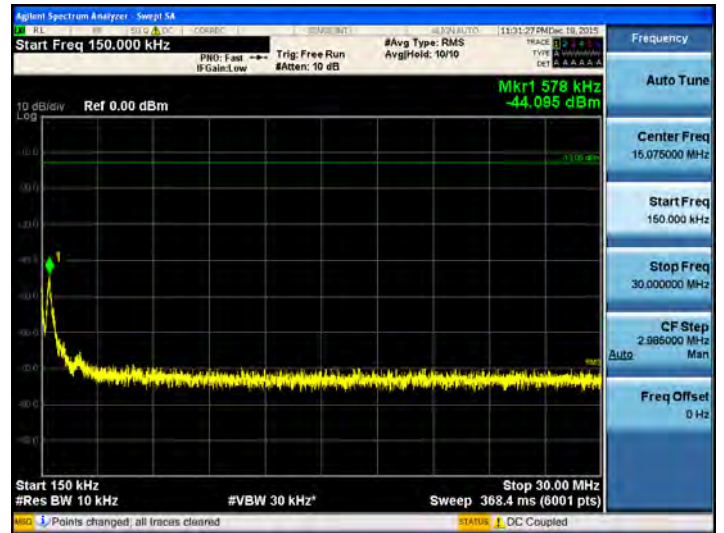
PCS 1900 Band LTE 10 MHz

[PCS1900 Band LTE 10MHz Downlink Low]

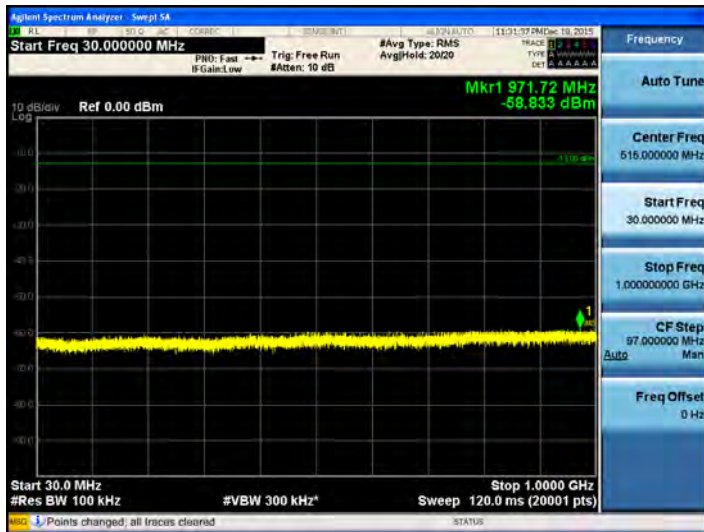
9kHz ~ 150kHz



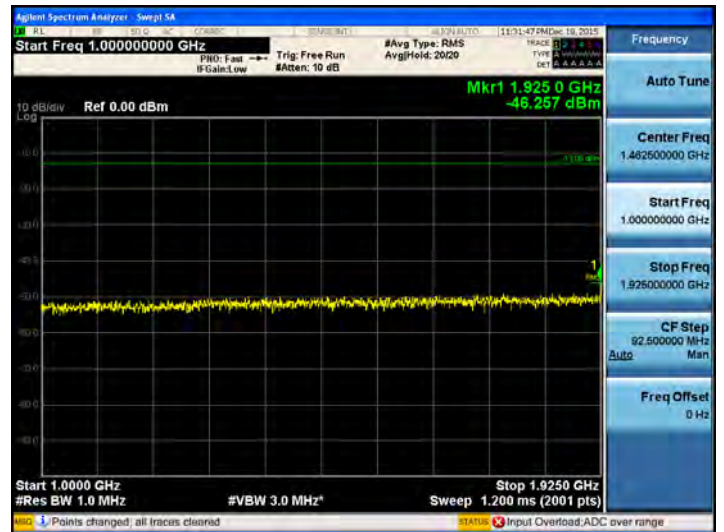
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz

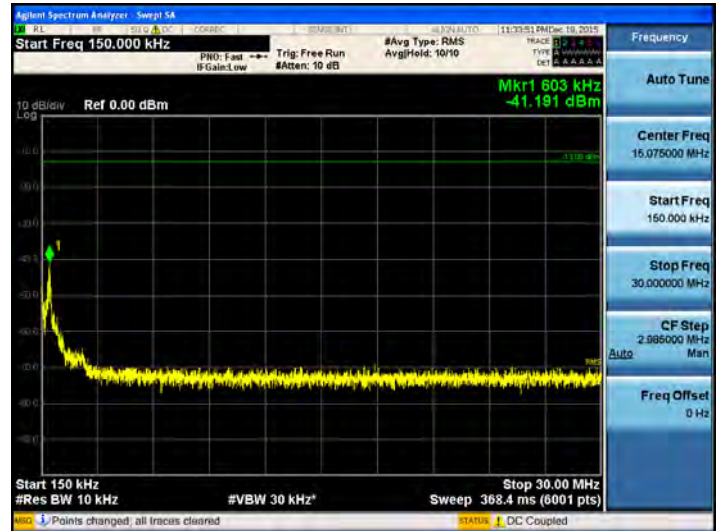


[PCS 1900 Band _LTE 10MHz Downlink Mid]

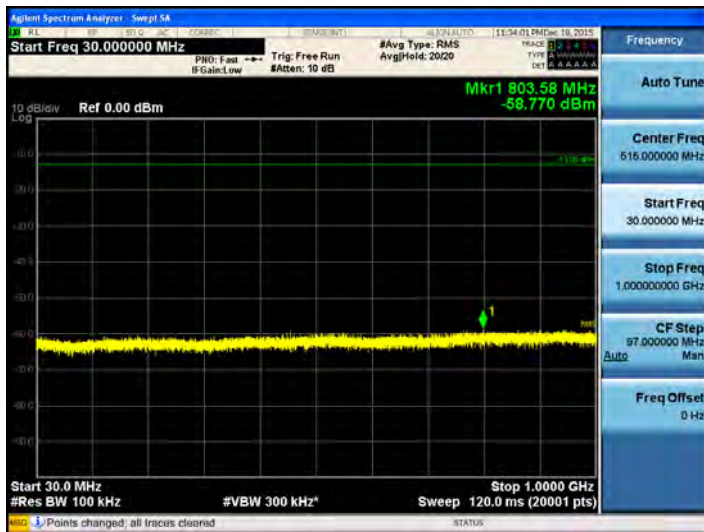
9kHz ~ 150kHz



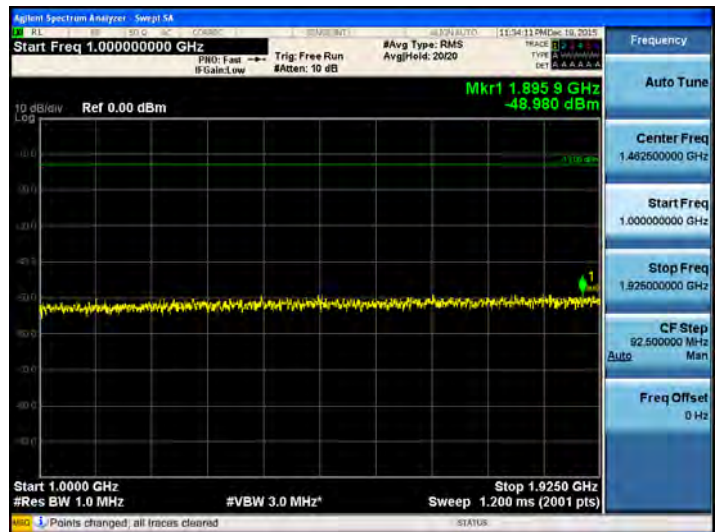
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



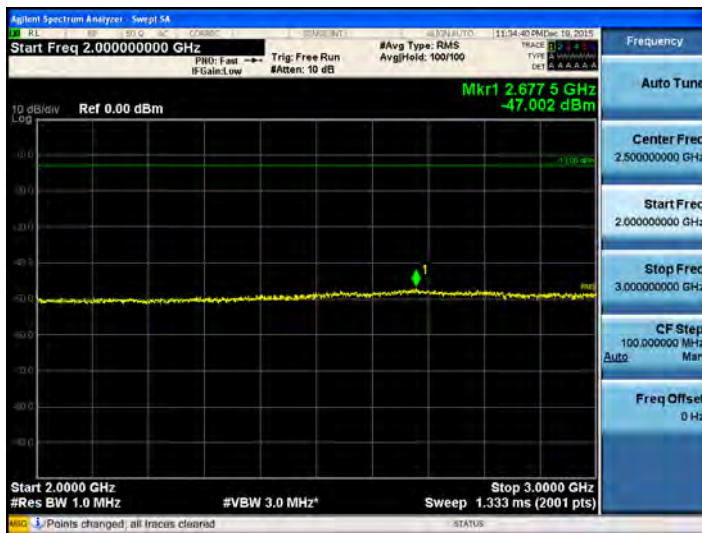
1GHz ~ 3GHz-2



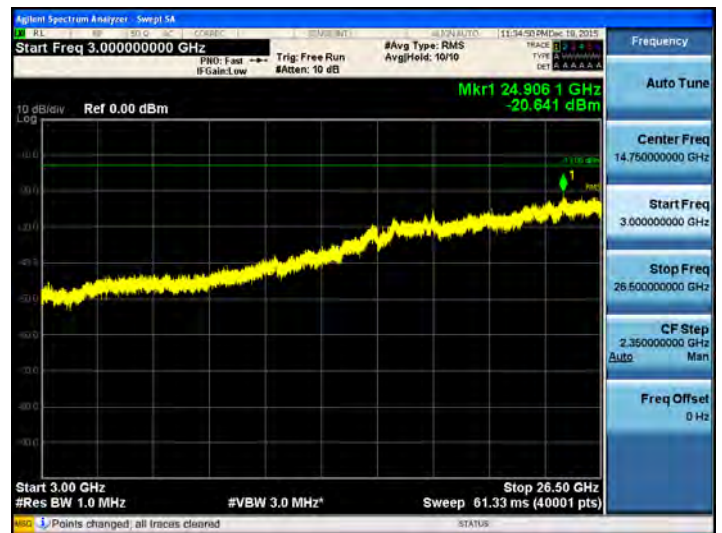
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

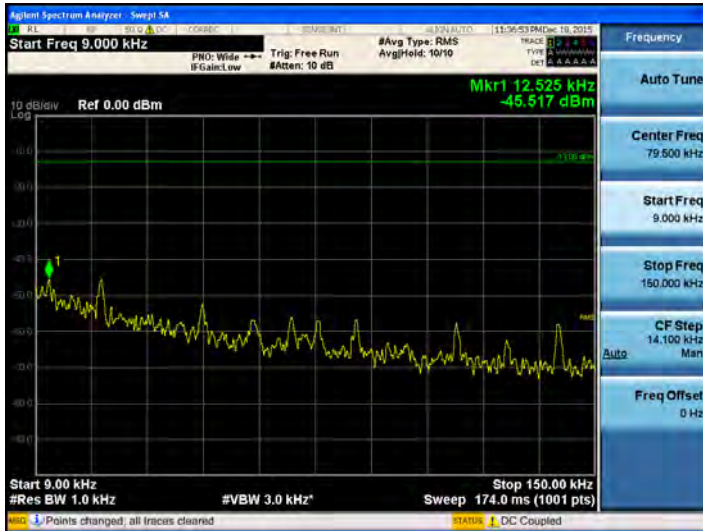


3GHz ~ 26.5GHz

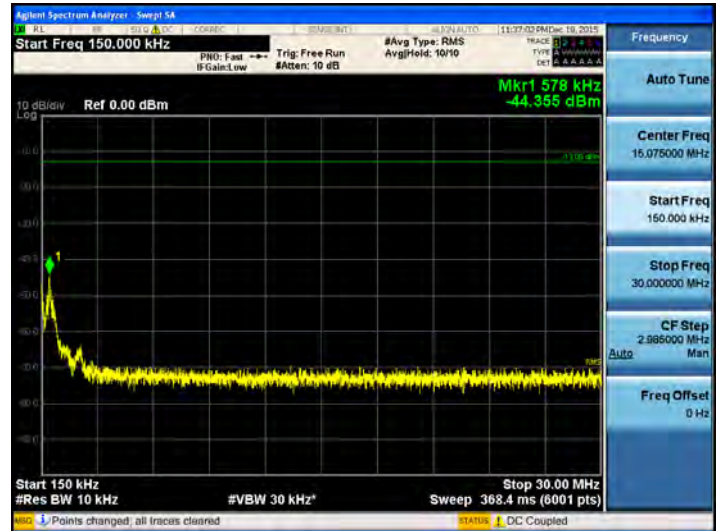


[PCS 1900 Band LTE 10MHz Downlink High]

9kHz ~ 150kHz



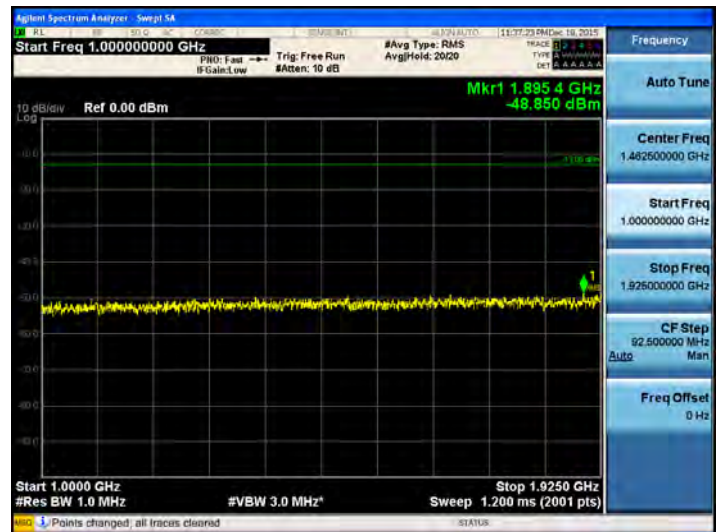
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



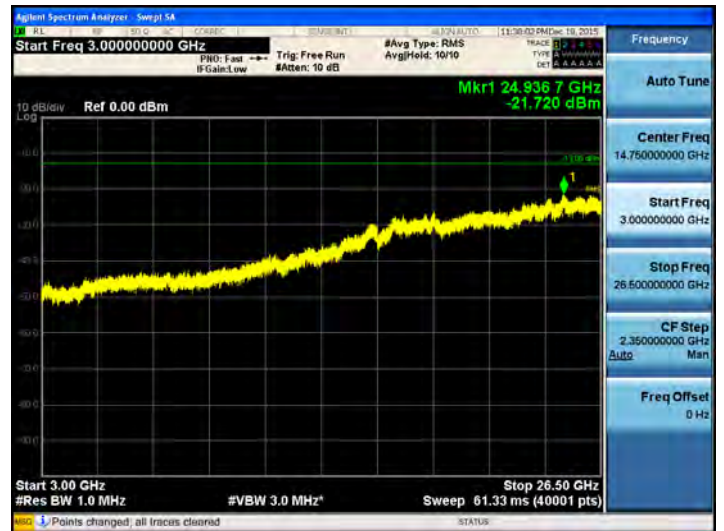
1GHz ~ 3GHz-3



1GHz ~ 3GHz-4



3GHz ~ 26.5GHz



Band Edge_LTE10MHz Downlink Low



Band Edge_LTE 10MHz Downlink High



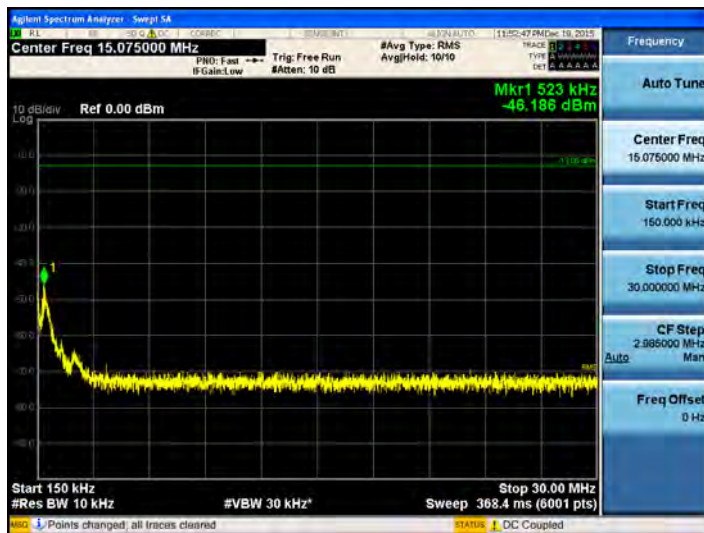
PCS 1900 Band UMTS

[PCS1900 Band UMTS Downlink Low]

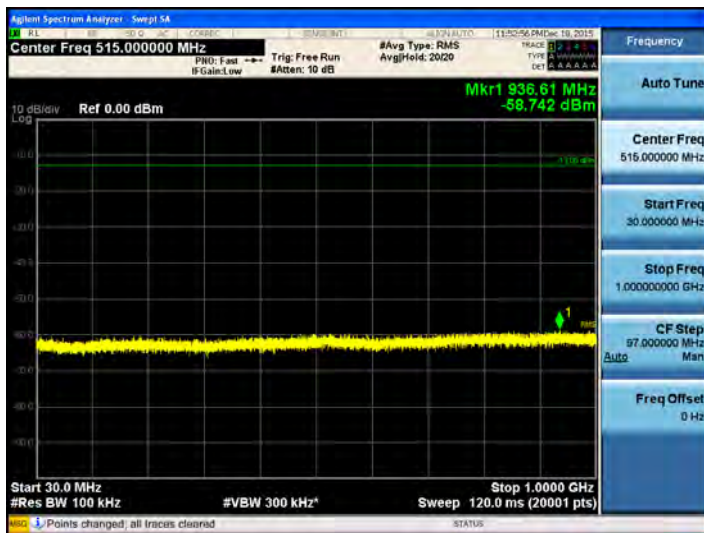
9kHz ~ 150kHz



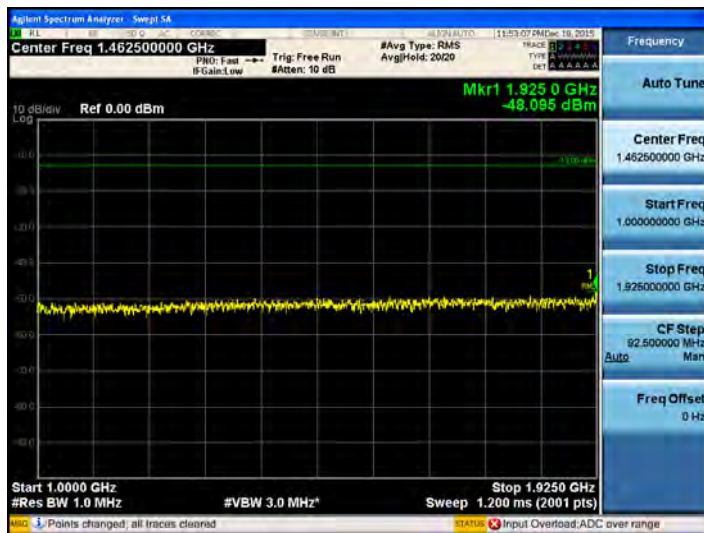
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

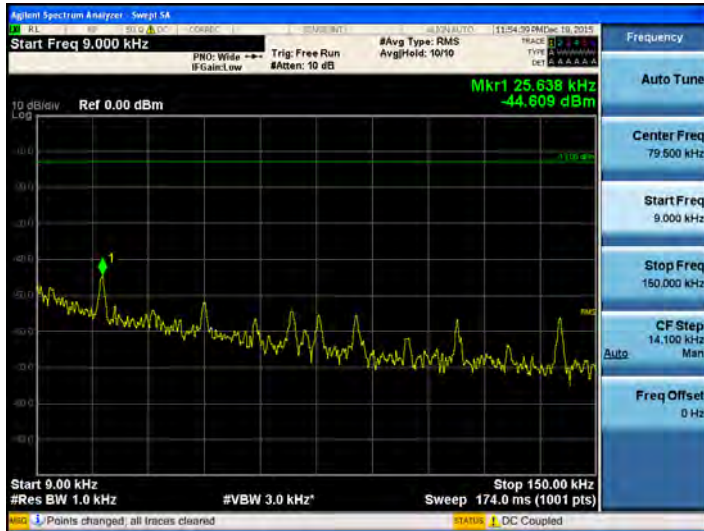


3GHz ~ 26.5GHz

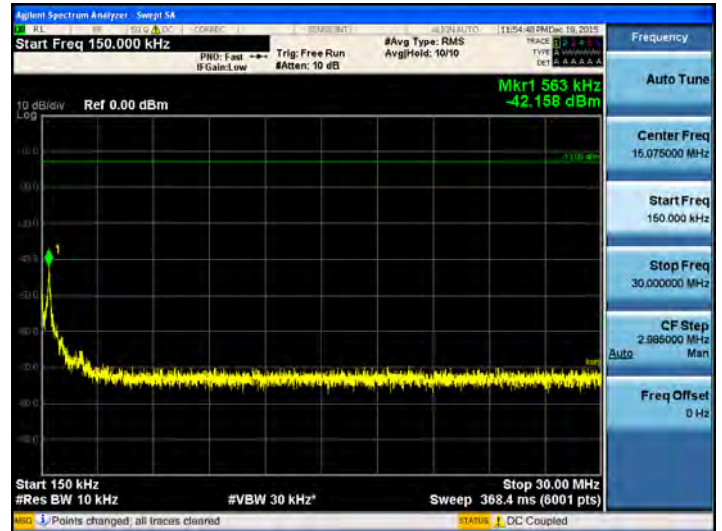


[PCS 1900 Band _ UMTS Downlink Mid]

9kHz ~ 150kHz



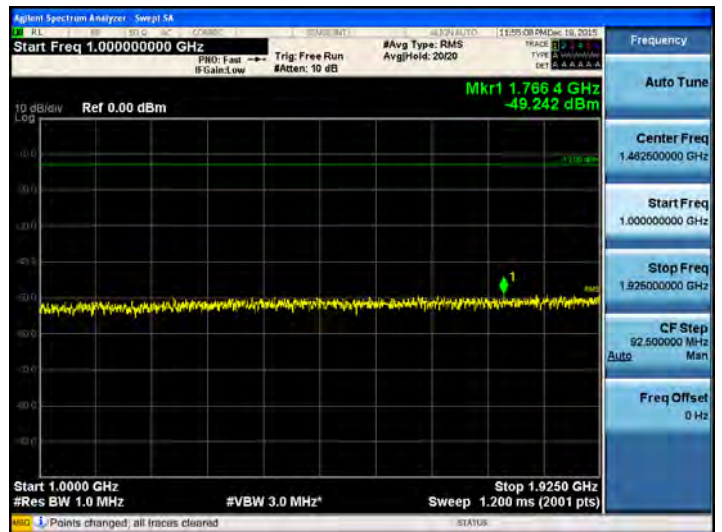
150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1



1GHz ~ 3GHz-2



1GHz ~ 3GHz-3



1GHz ~ 3GHz-4

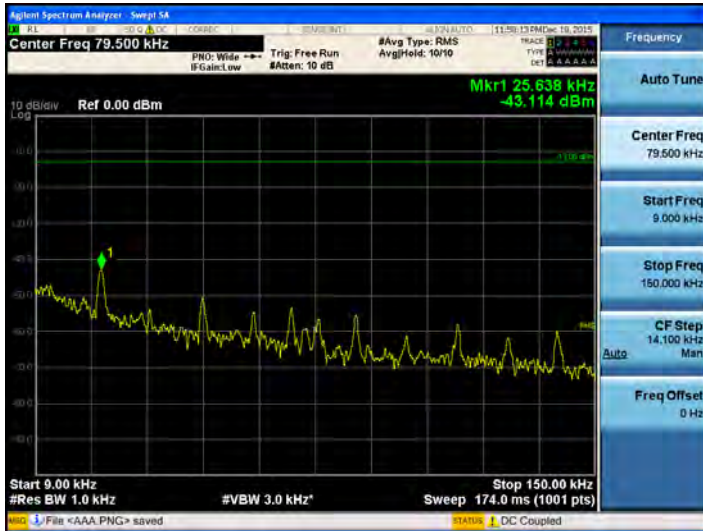


3GHz ~ 26.5GHz

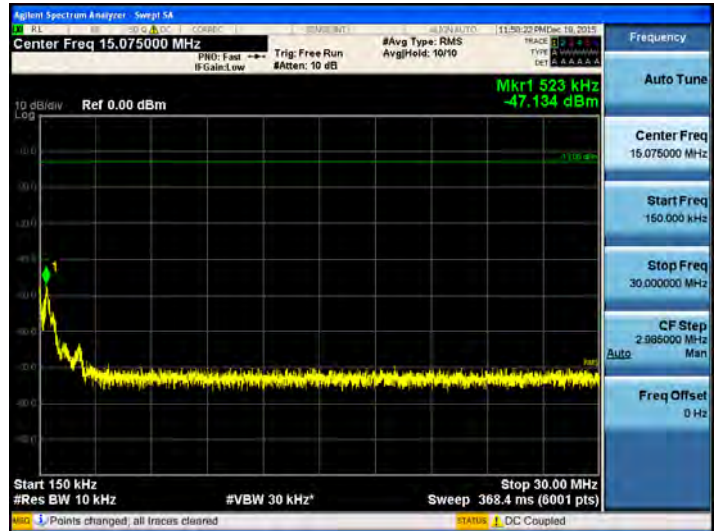


[PCS 1900 Band UMTS Downlink High]

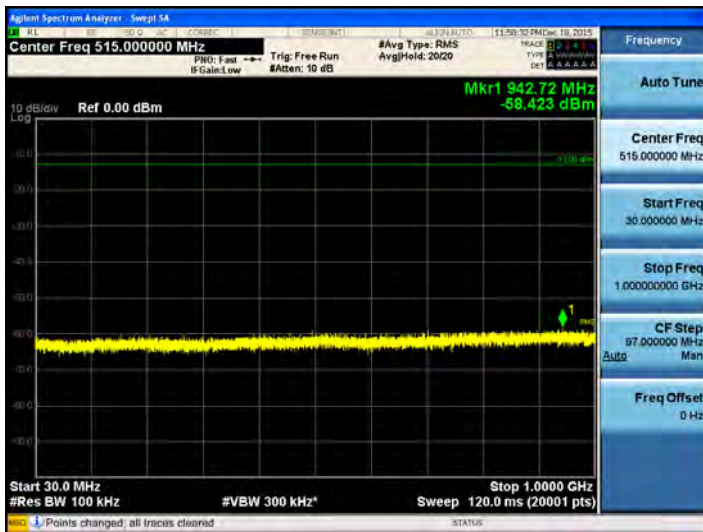
9kHz ~ 150kHz



150kHz ~ 30MHz



30MHz ~ 1GHz



1GHz ~ 3GHz-1

