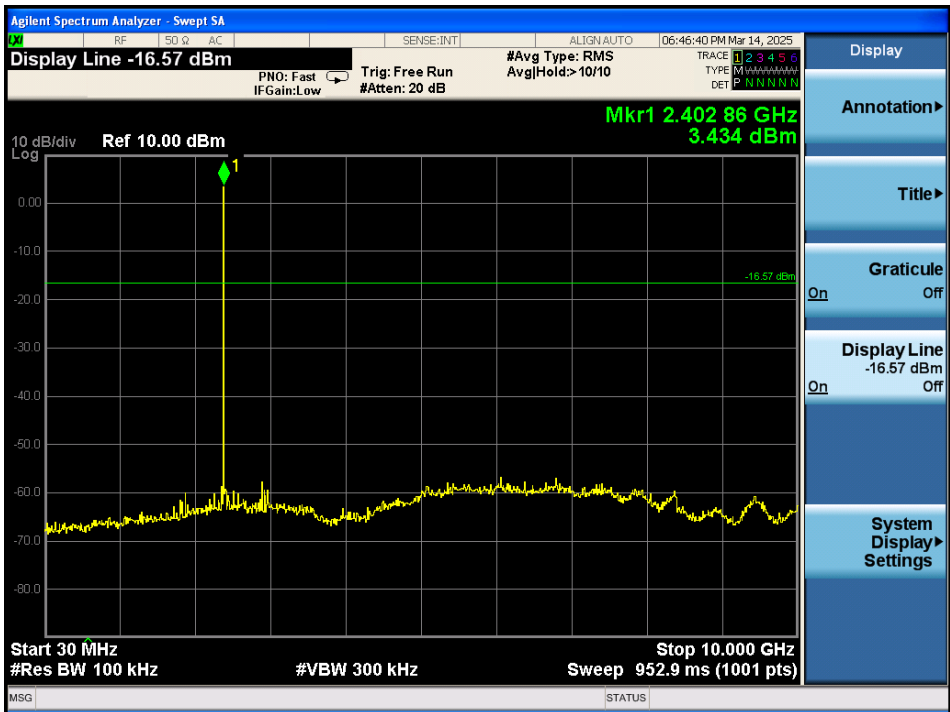


Annex D – 100 kHz Spurious Emissions at Antenna Terminal (-20 dBc)

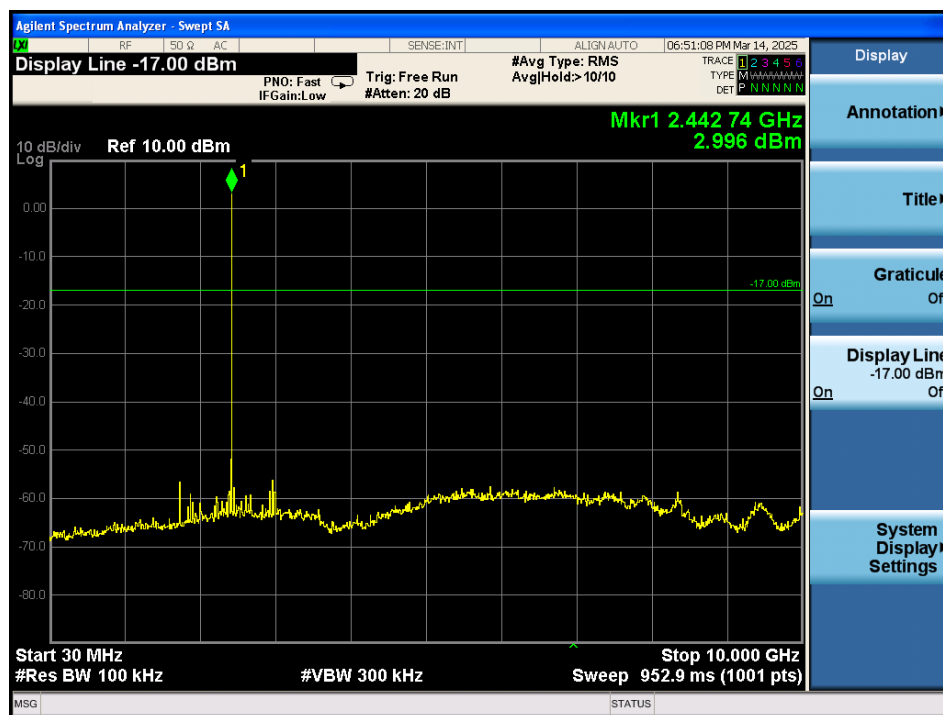
BLE, 1M PHY, 2402 MHz, 30 MHz to 10 GHz



BLE, 1M PHY, 2402 MHz, 10 GHz to 26 GHz



BLE, 1M PHY, 2440 MHz, 30 MHz to 10 GHz



BLE, 1M PHY, 2440 MHz, 10 GHz to 26 GHz



Agilent Spectrum Analyzer - Swept SA

Display Line -16.10 dBm

PNO: Fast IFGain:Low Trig: Free Run #Atten: 20 dB #Avg Type: RMS Avg/Hold: 10/10

TRACE 1 2 3 4 5 6 TYPE M DET P N N N N N

10 dB/div Ref 10.00 dBm

Mkr1 2.482 62 GHz 3.897 dBm

Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 10.00 GHz Sweep 952.9 ms (1001 pts)

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

Marker 1 25.584000000000 GHz

PNO: Fast IFGain: Low Trig: Free Run #Atten: 20 dB

#Avg Type: RMS AvgHld: >10/10

06:56:11 PM Mar 14, 2025

10 dB/div Ref 10.00 dBm

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Mkr1 25.584 GHz -46.287 dBm

Start 10.000 GHz Stop 26.000 GHz

#Res BW 100 kHz #VBW 300 kHz Sweep 1.529 s (1001 pts)

MSG STATUS

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

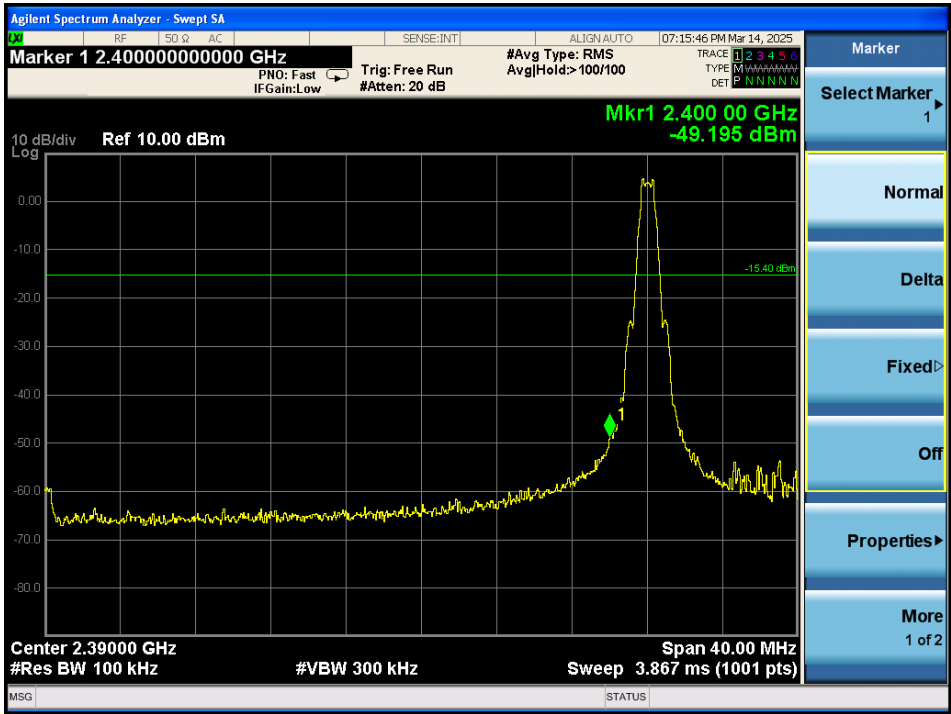
Mkr→C

Mkr→Ref Lvl

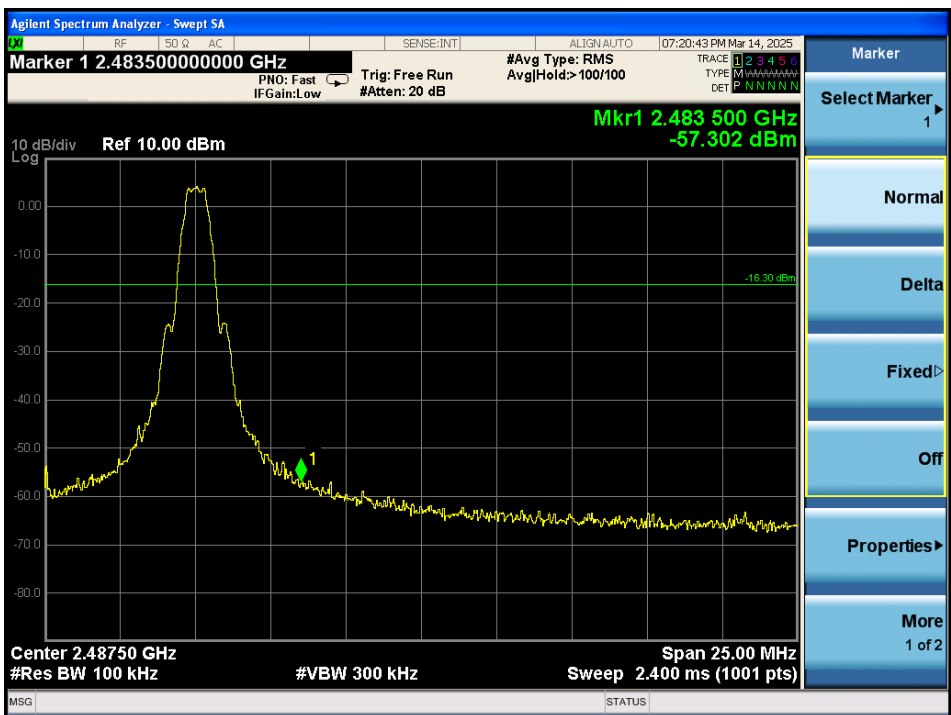
More

1 of 2

BLE, 1M PHY, 2402 MHz, Lower Band Edge



BLE, 1M PHY, 2480 MHz, Upper Band Edge



Agilent Spectrum Analyzer - Swept SA

Display Line -17.45 dBm

PNO: Fast IFGain: Low Trig: Free Run #Ave Type: RMS AvgHold: 10/10

07:07:27 PM Mar 14, 2025

10 dB/div Ref 10.00 dBm

Mkr1 2.402 86 GHz 2.545 dBm

Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 10.00 GHz Sweep 952.9 ms (1001 pts)

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

Marker 1 25.696000000000 GHz

PNO: Fast IF Gain: Low Trig: Free Run #Avg Type: RMS Avg|Hold> 10/10

07:09:20 PM Mar 14, 2025

10 dB/div Ref 10.00 dBm

Mkr1 25.696 GHz -45.226 dBm

Start 10.00 GHz Stop 26.00 GHz

#Res BW 100 kHz #VBW 300 kHz Sweep 1.529 s (1001 pts)

MSG STATUS

Peak Search

Next Peak

Next Pk Right

Next PK Left

Marker Delta

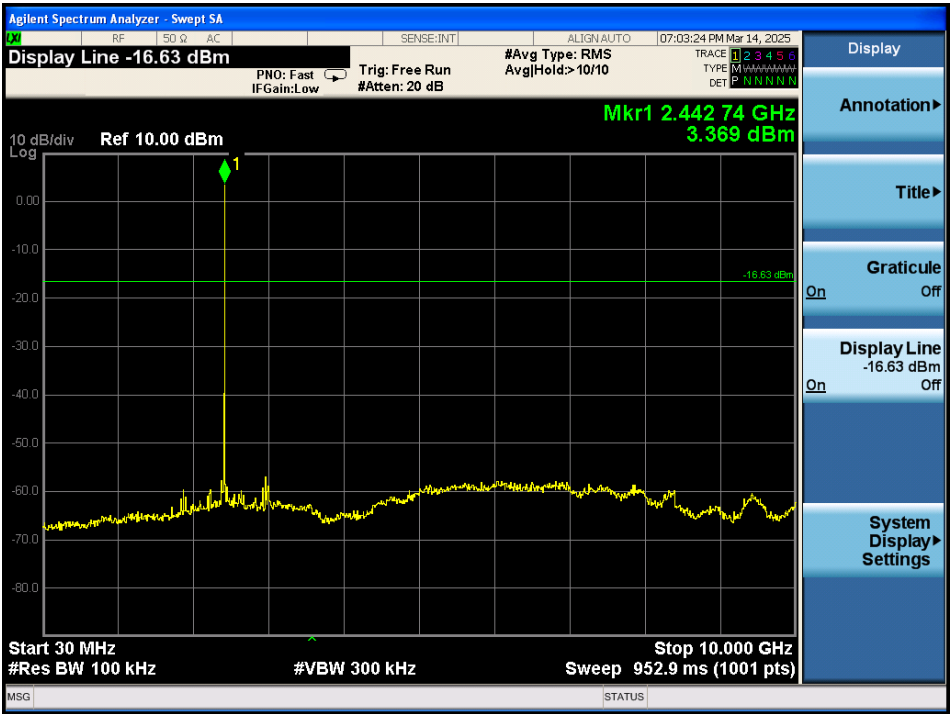
Mkr→Chr

Mkr→Ref Lvl

More

1 of 2

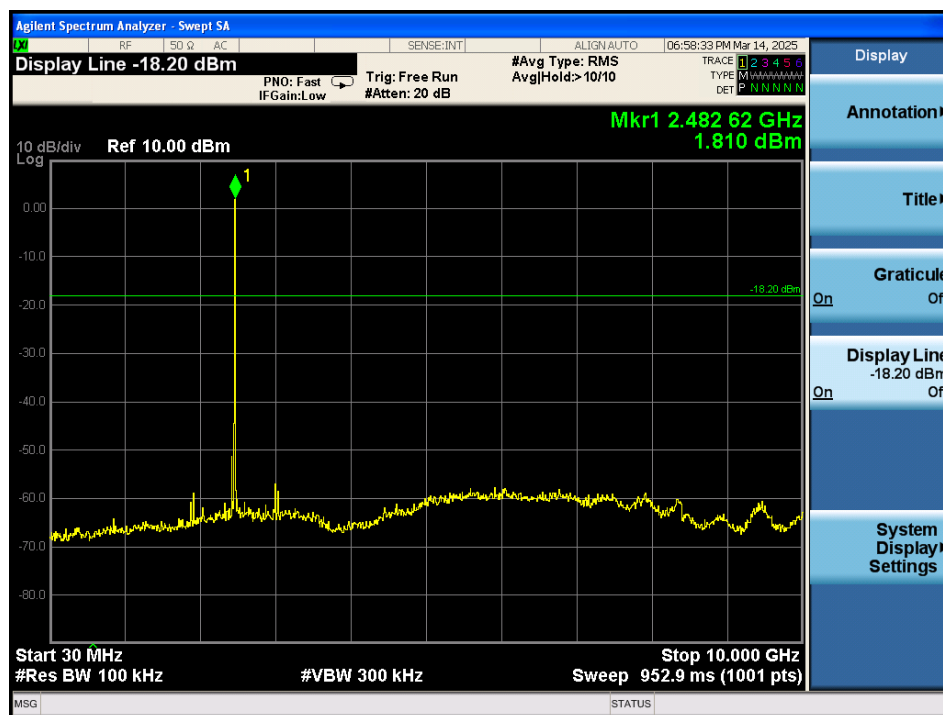
BLE, 2M PHY, 2440 MHz, 30 MHz to 10 GHz



BLE, 2M PHY, 2440 MHz, 10 GHz to 26 GHz



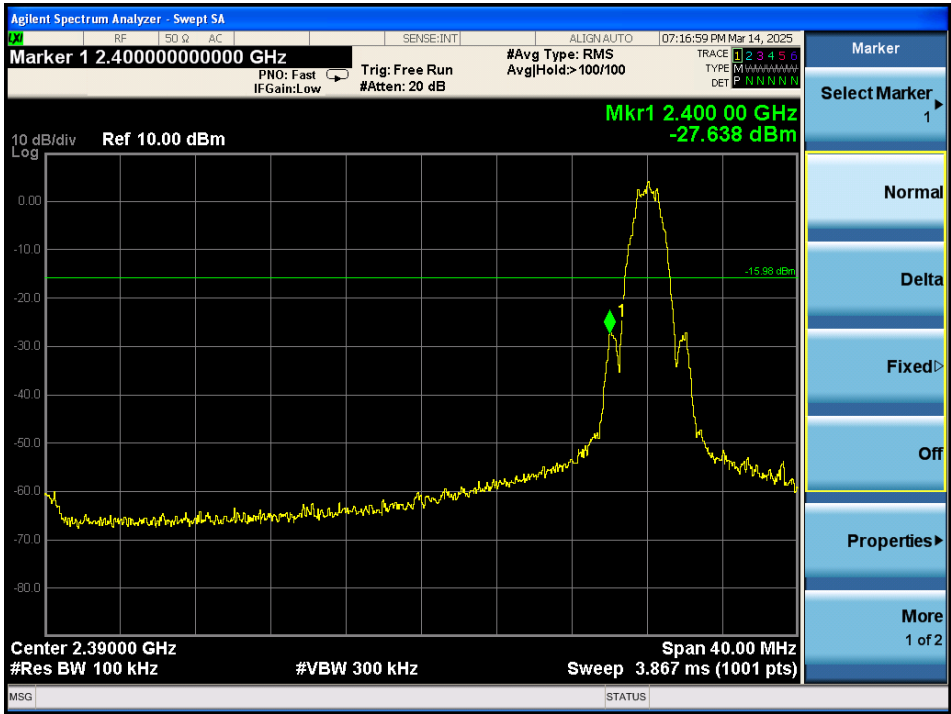
BLE, 2M PHY, 2480 MHz, 30 MHz to 10 GHz



BLE, 2M PHY, 2480 MHz, 10 GHz to 26 GHz



BLE, 2M PHY, 2402 MHz, Lower Band Edge



BLE, 2M PHY, 2480 MHz, Upper Band Edge

