

Annex B1

Radiated Spurious Emissions Simultaneous Transmission

LMR + 2.4 GHz WIFI and BT

Notes for Annex B plots

For the simultaneous transmission spurious emission plots, 3 plots are provided for each measurement.

1 plot shows the LMR transmitter on and the Part 15 transmitter off (trace 1).

LMR spurious signals are marked for later comparison to the plot with both transmitters on.

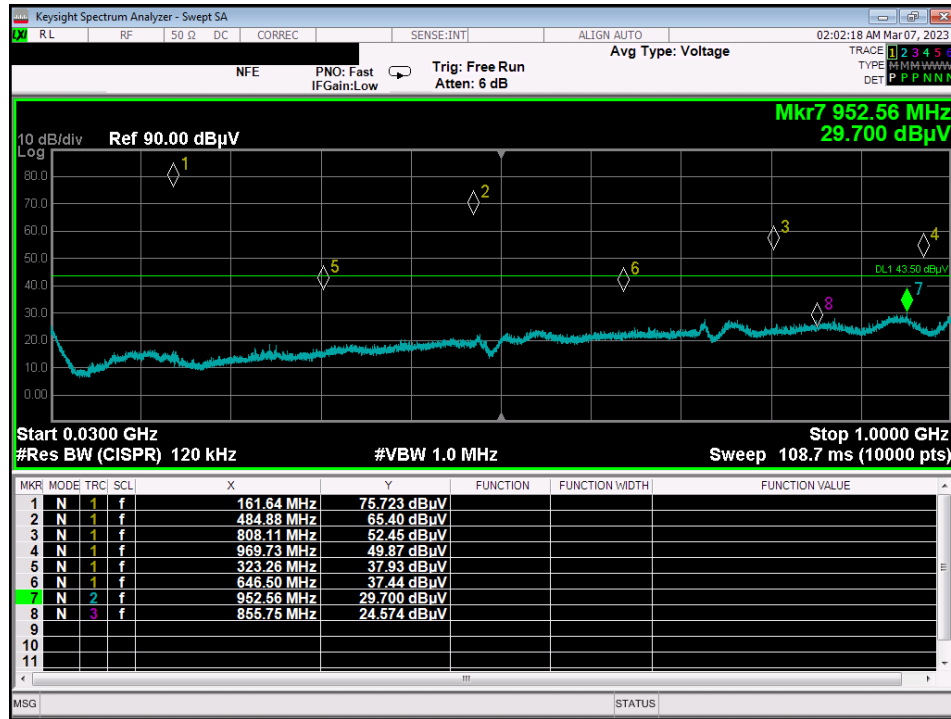
A second plot shows the Part 15 transmitter on and the LMR transmitter off (trace 2). All Part 15 transmitter spurious signals are marked and meet the limits for the Part 15 transmitter.

A third plot shows the LMR transmitter and the Part 15 transmitter on.

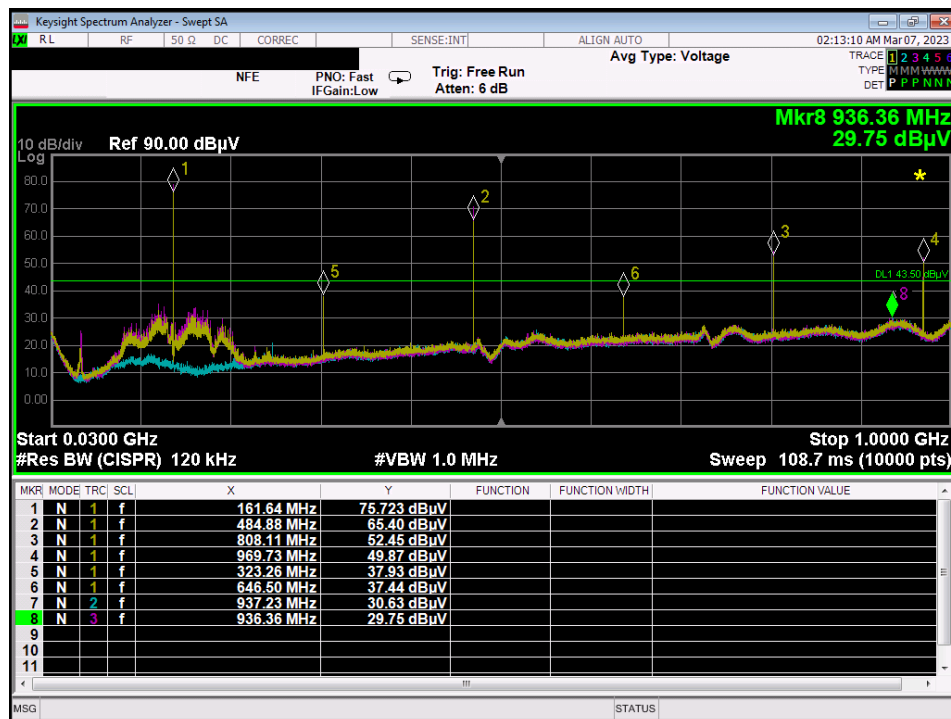
In all cases, the spurious emissions meet the spurious emission limits for the transmitter creating the spurious emission.

In no simultaneous transmission measurements did the 2 transmitters produce any spurious emissions to be over the limits for the rule part being tested.

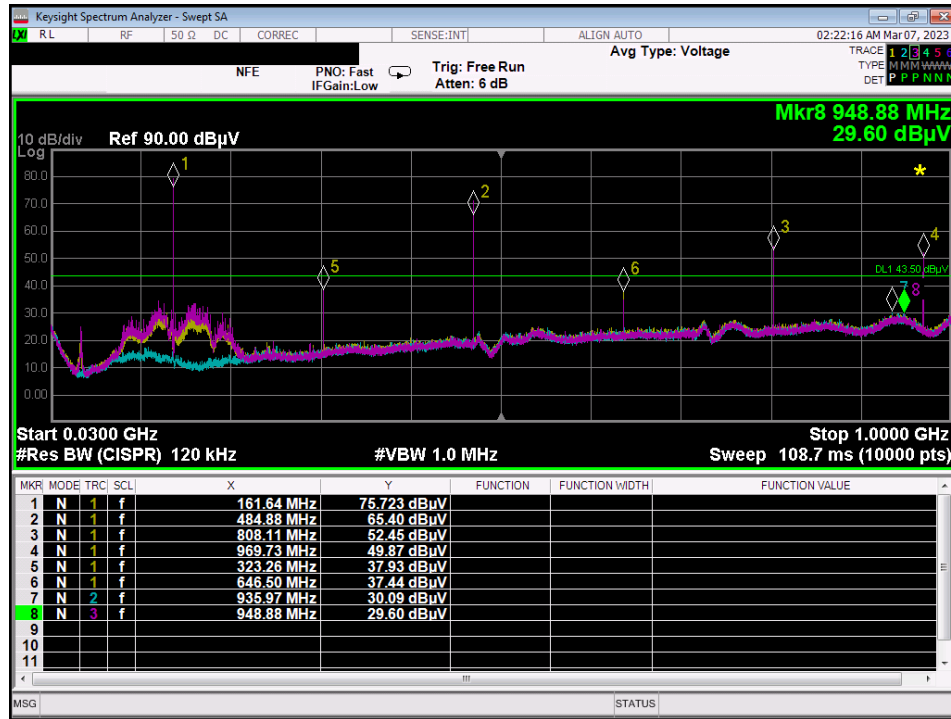
1_RE_161.625 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 MHz



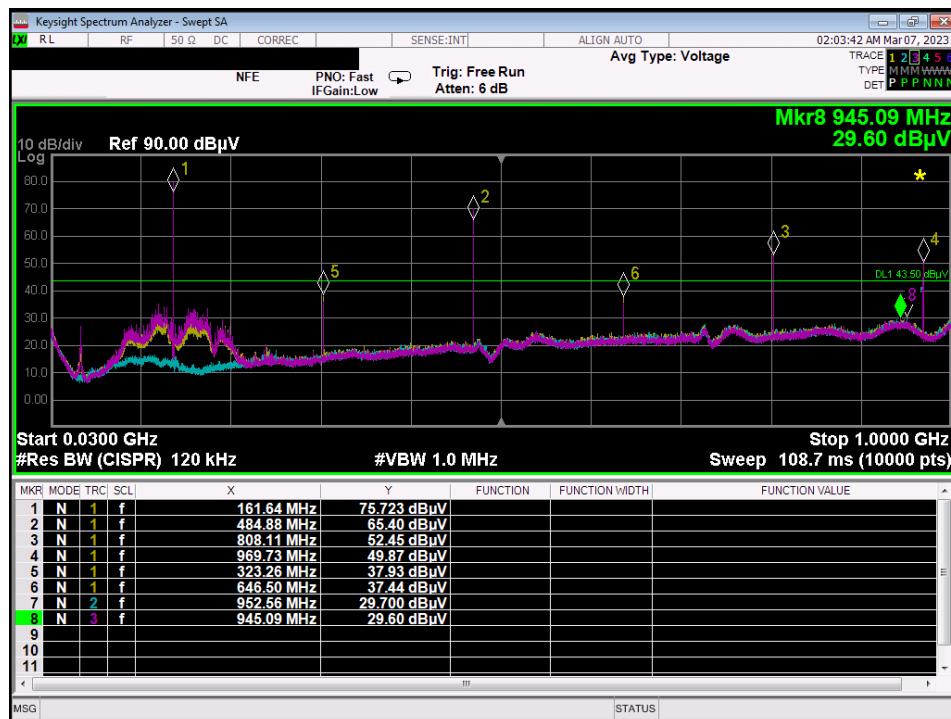
1_RE_161.625 MHz_LMR C4FM on_ + 2.4 GHz BT BR on_30 - 1000 MHz



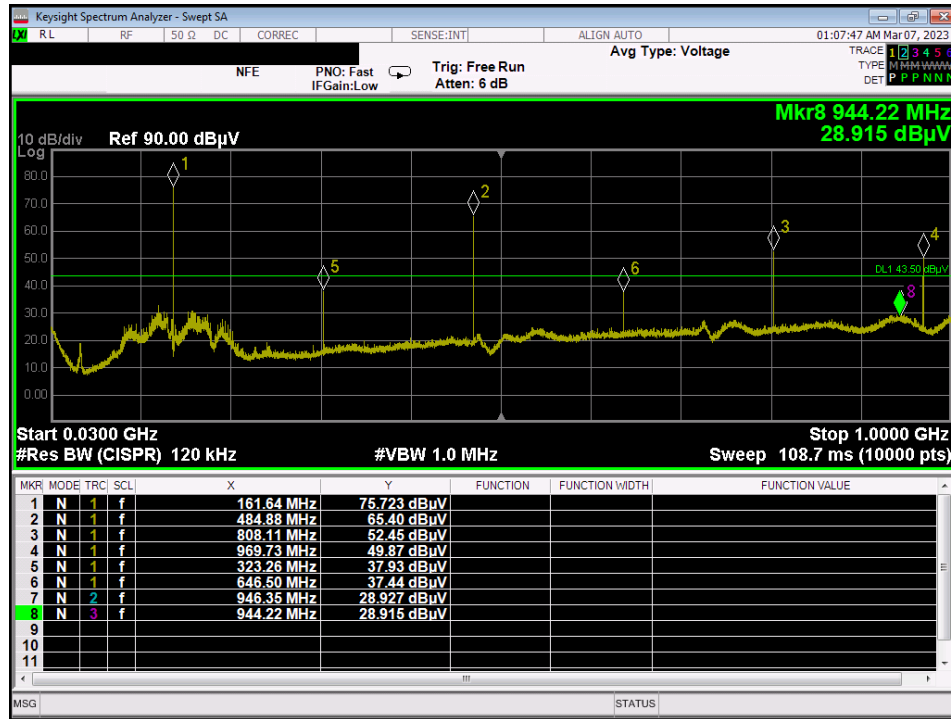
1_RE_161.625 MHz_LMR C4FM on_ + 2.4 GHz BT Hopping on_30 - 1000 MHz



1_RE_161.625 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MHz



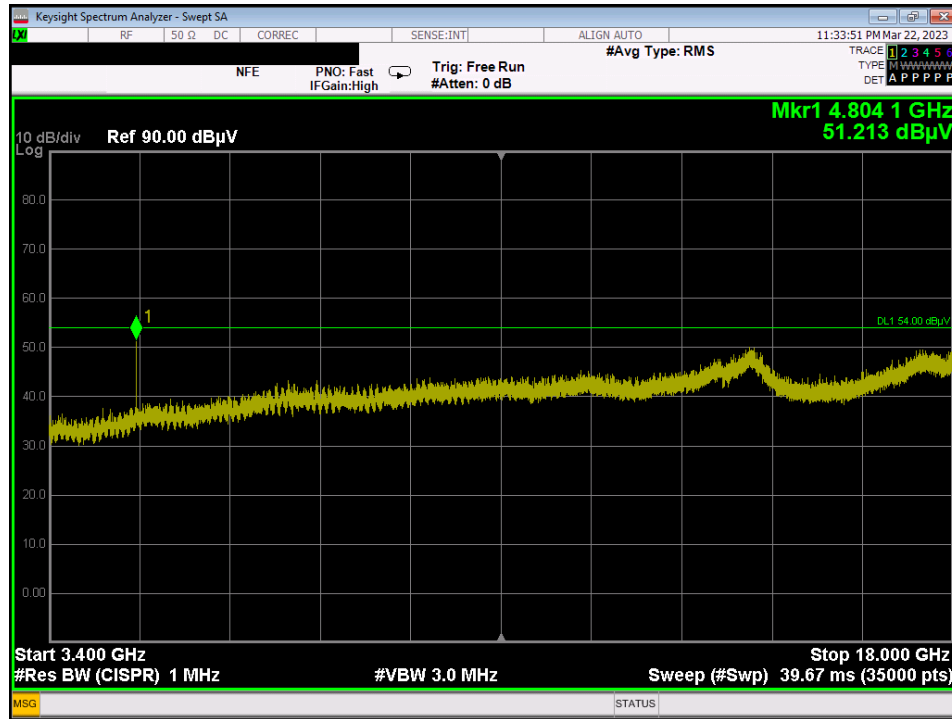
1_RE_161.625 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



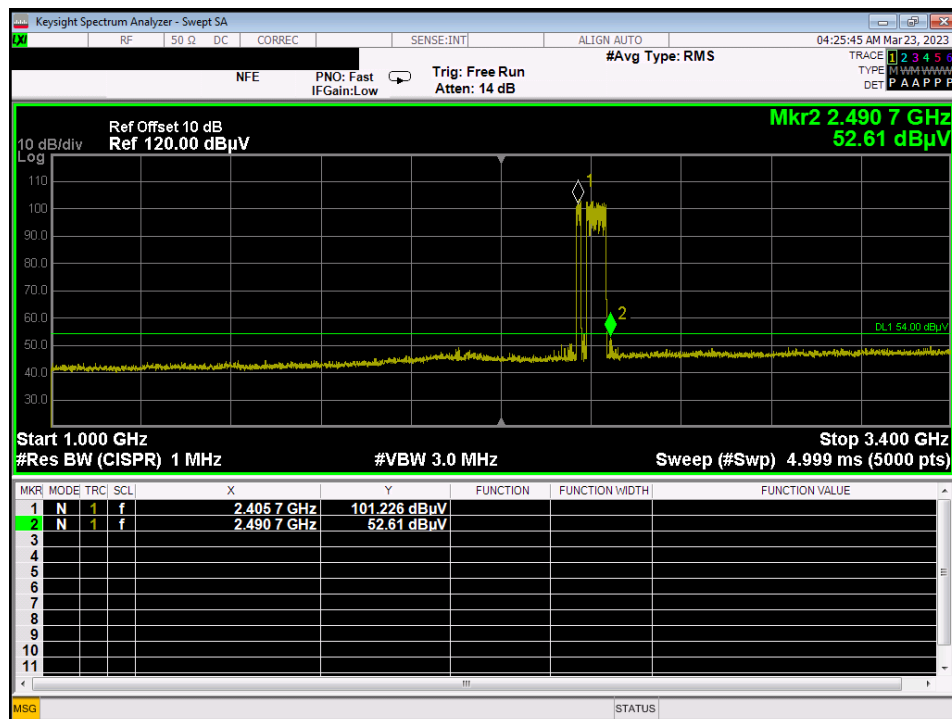
1_RE_161.625 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



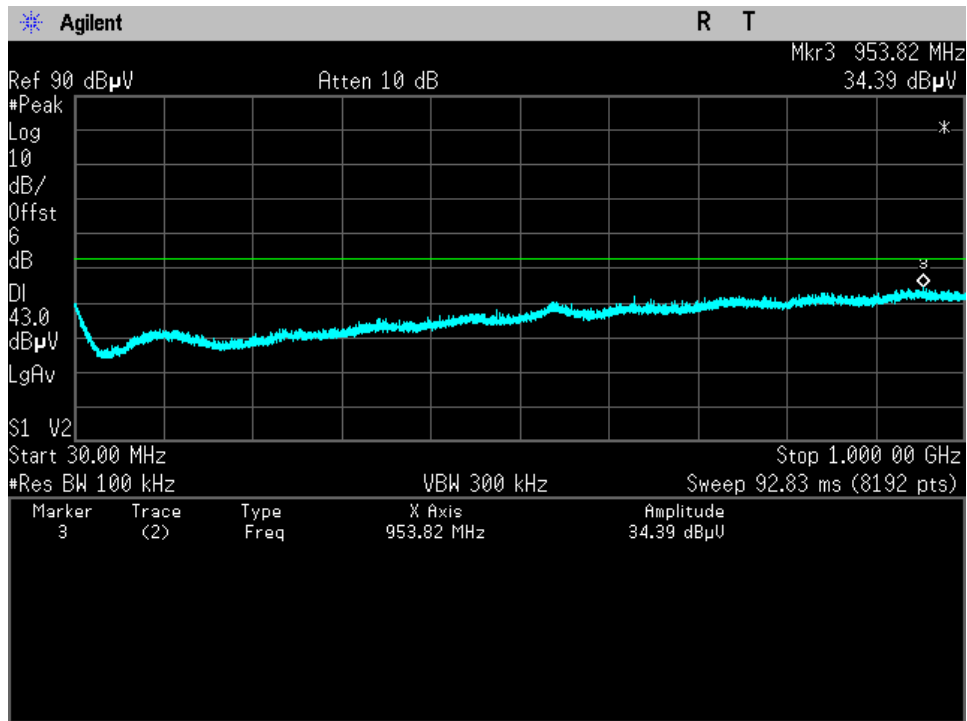
1_RE_161.625 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



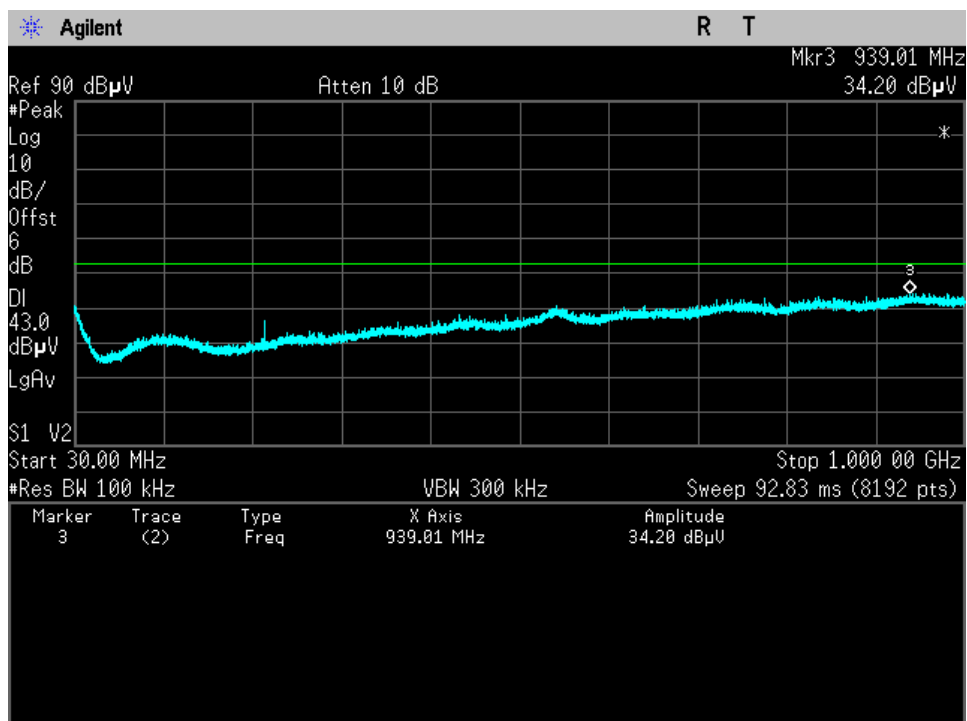
1_RE_161.625 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



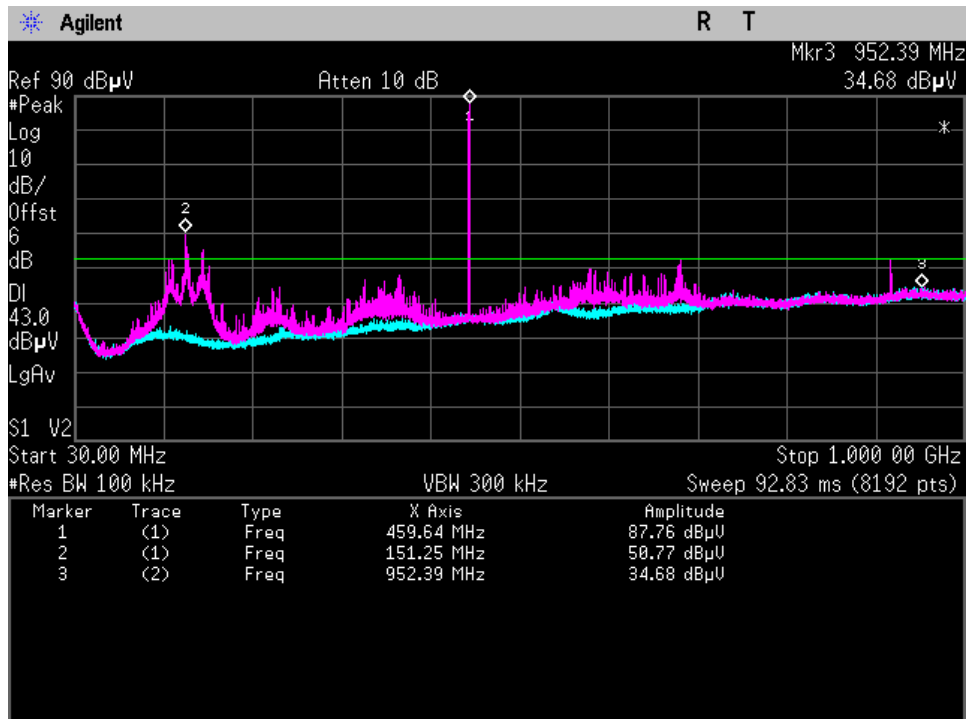
2_RE_459.65 MHz_LMR C4FM off_ + 2.4 GHz BT Hopping on_30 - 1000 MHz



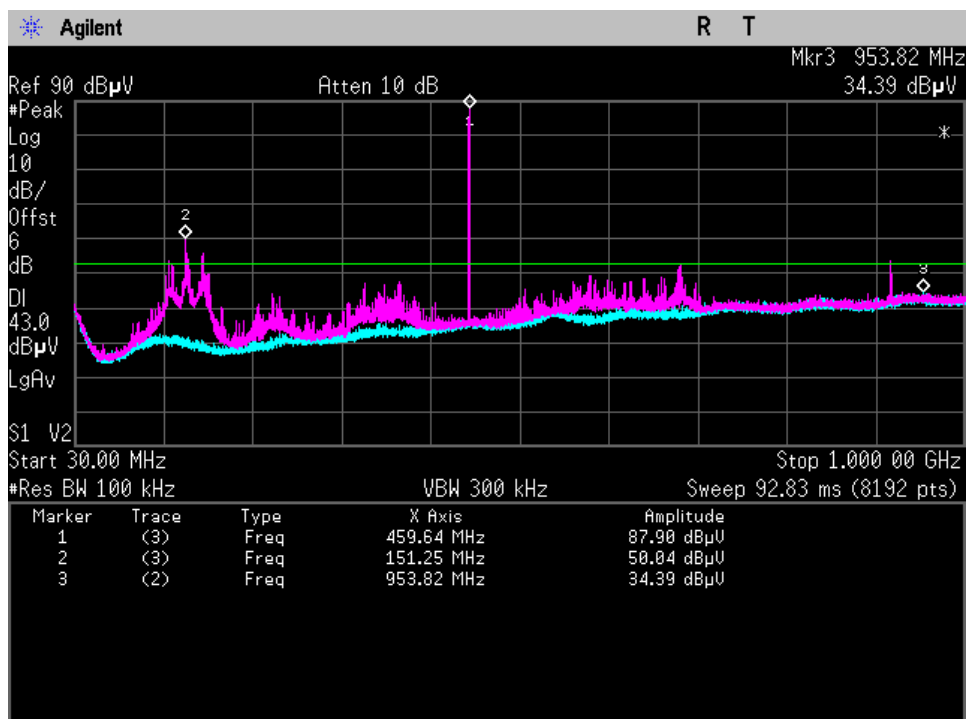
2_RE_459.65 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 MHz



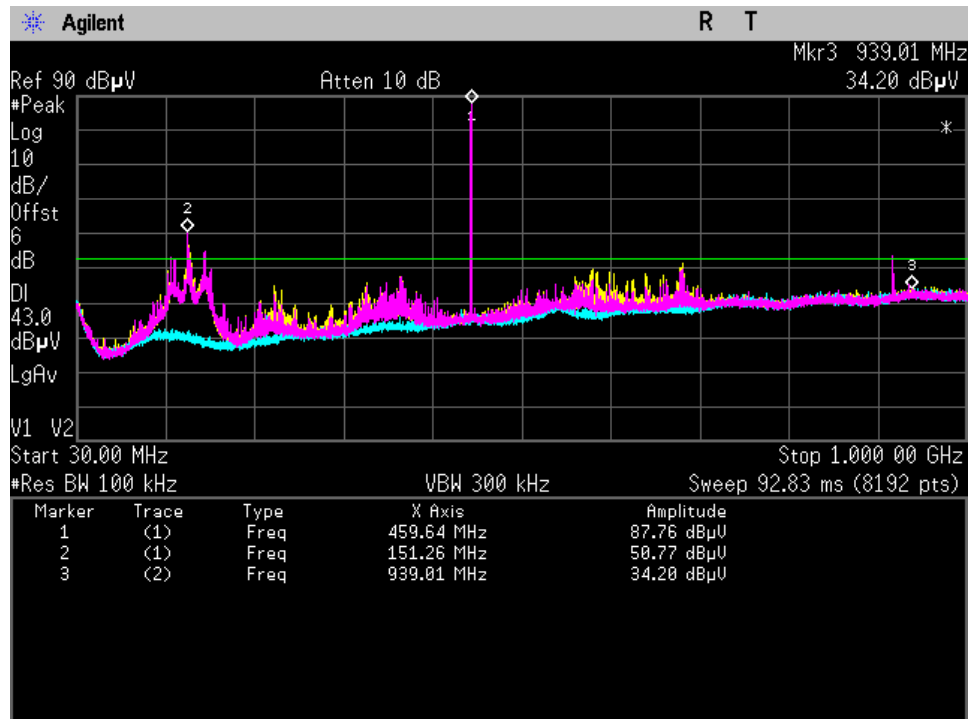
2_RE_459.65 MHz_LMR C4FM on_ + 2.4 GHz BT BR on_30 - 1000 MHz



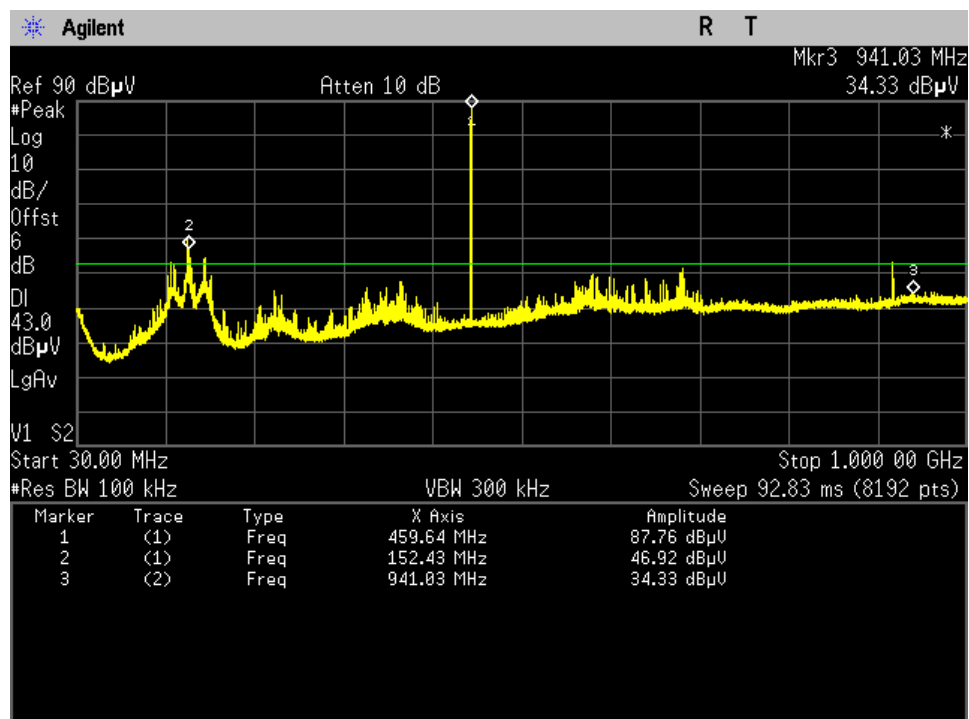
2_RE_459.65 MHz_LMR C4FM on_ + 2.4 GHz BT Hopping on_30 - 1000 MHz



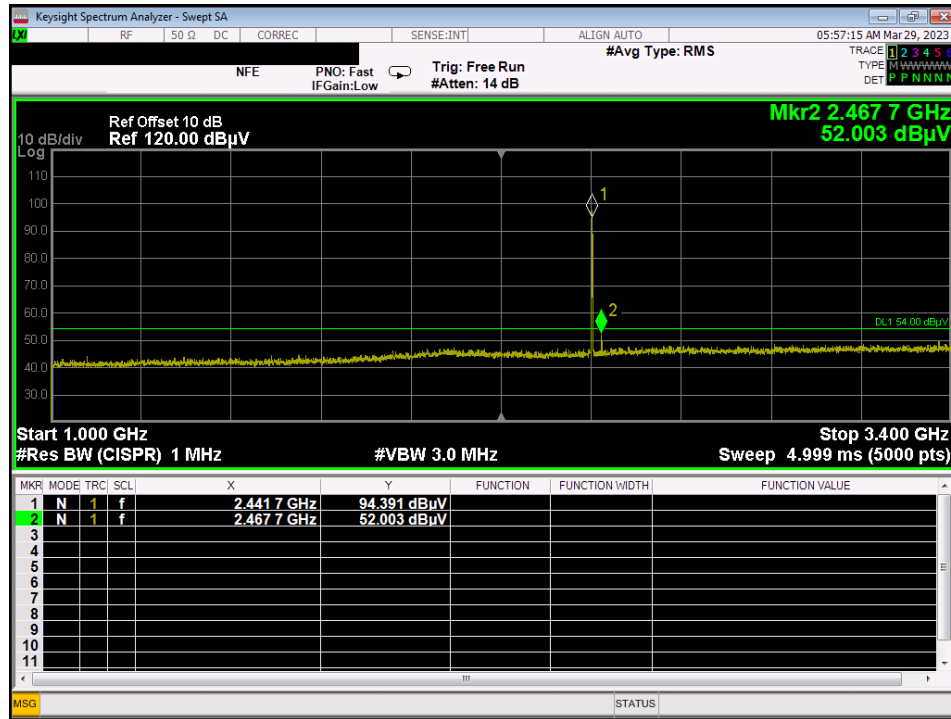
2_RE_459.65 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MHz



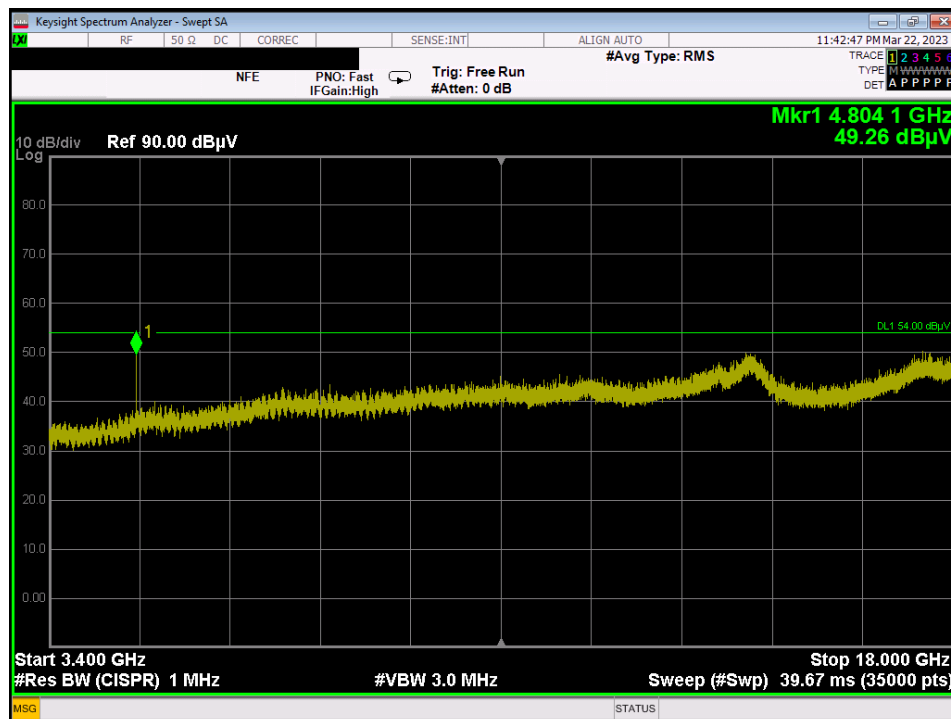
2_RE_459.65 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



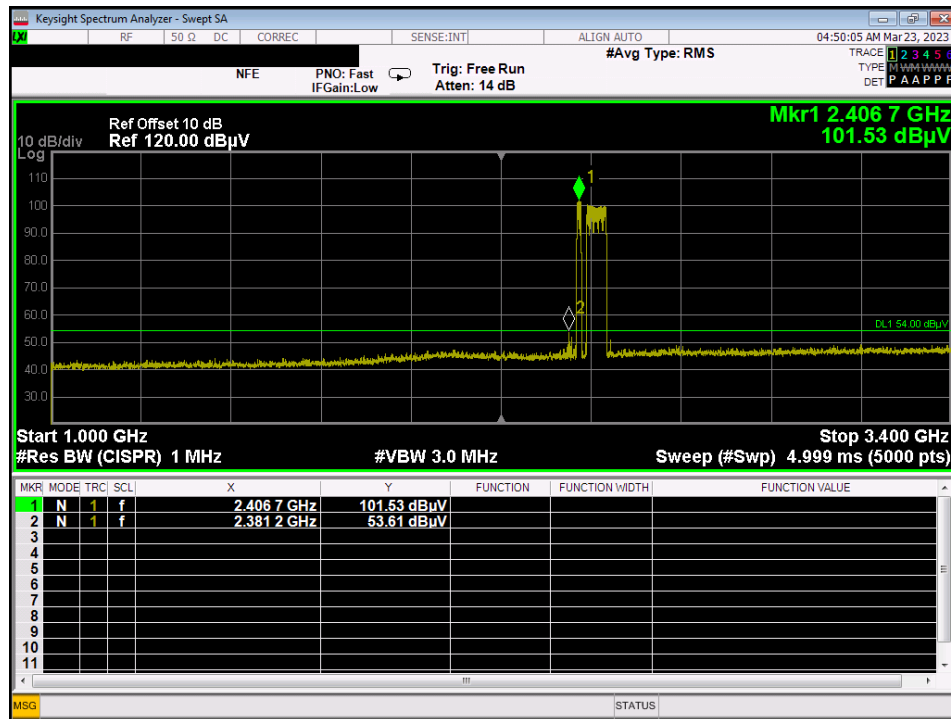
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



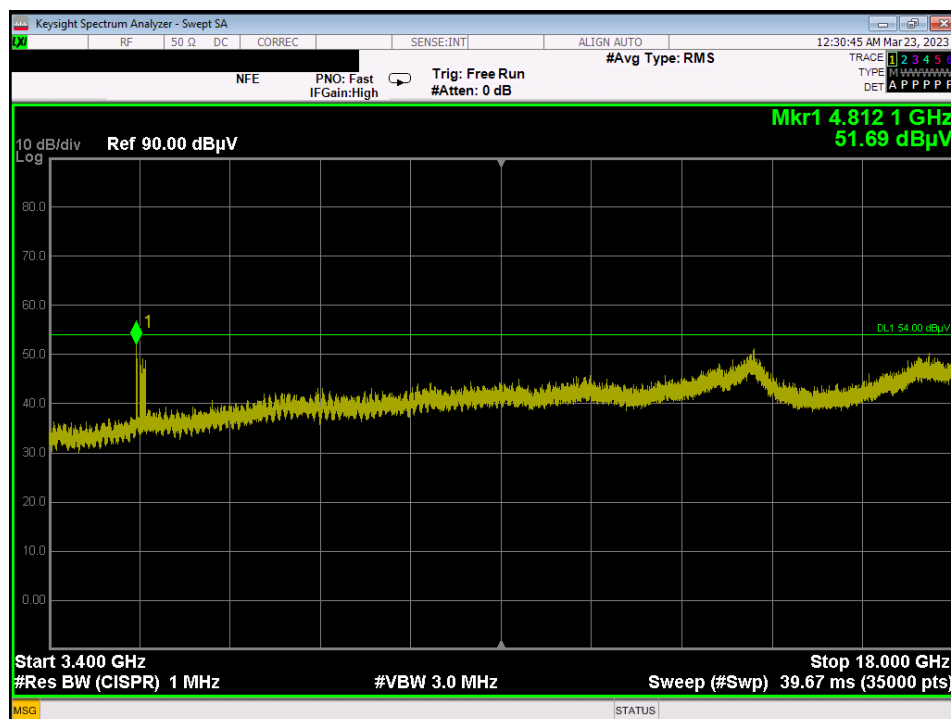
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



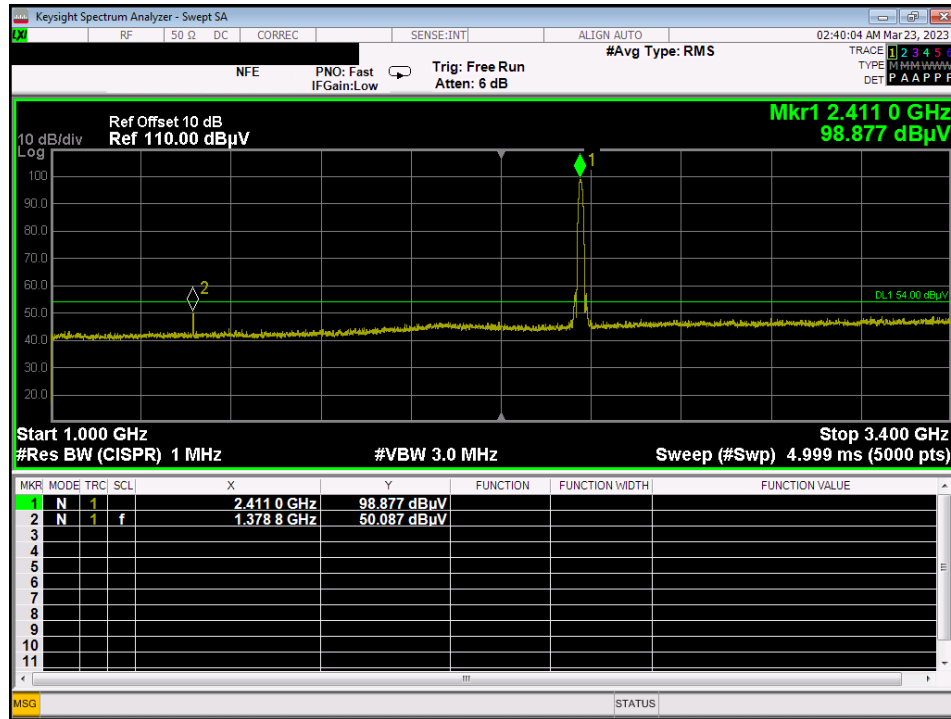
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



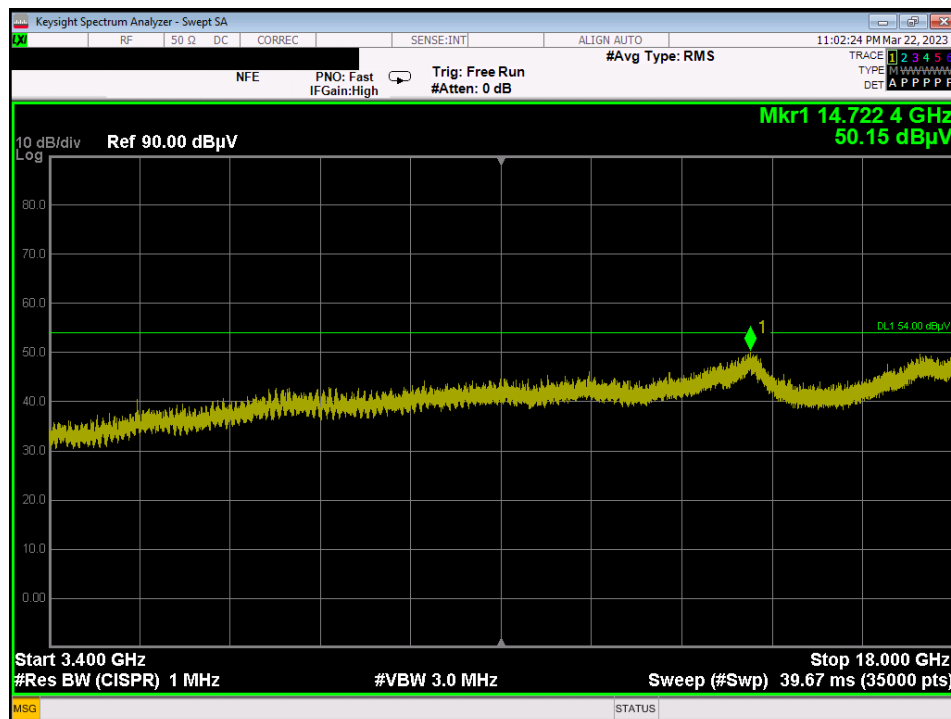
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_3.4 - 18 GHz



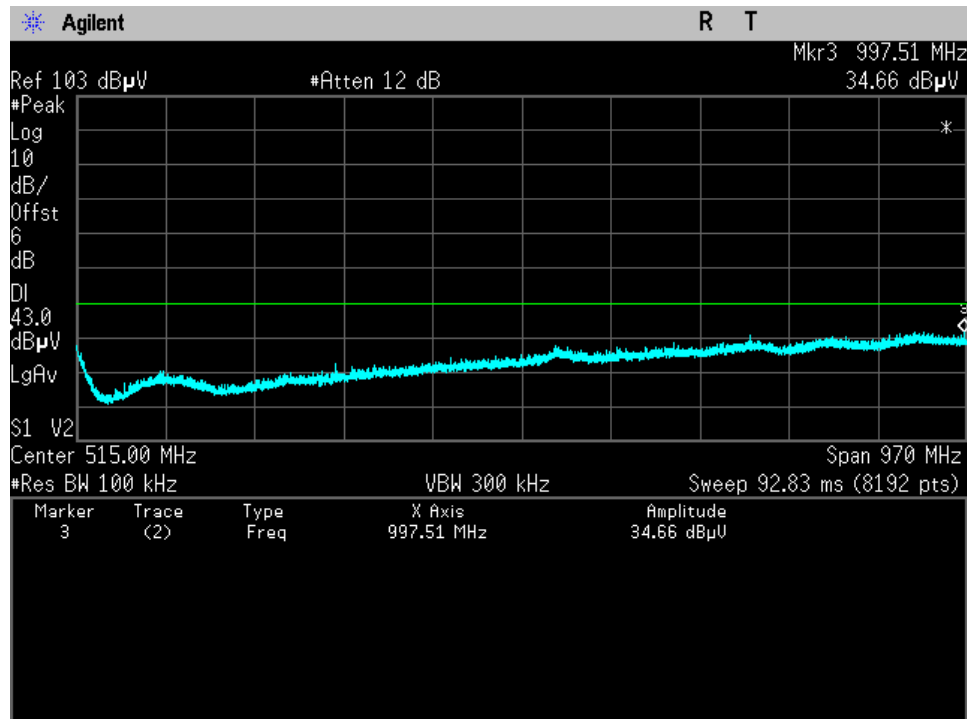
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz WIFI_1 - 3.4 GHz



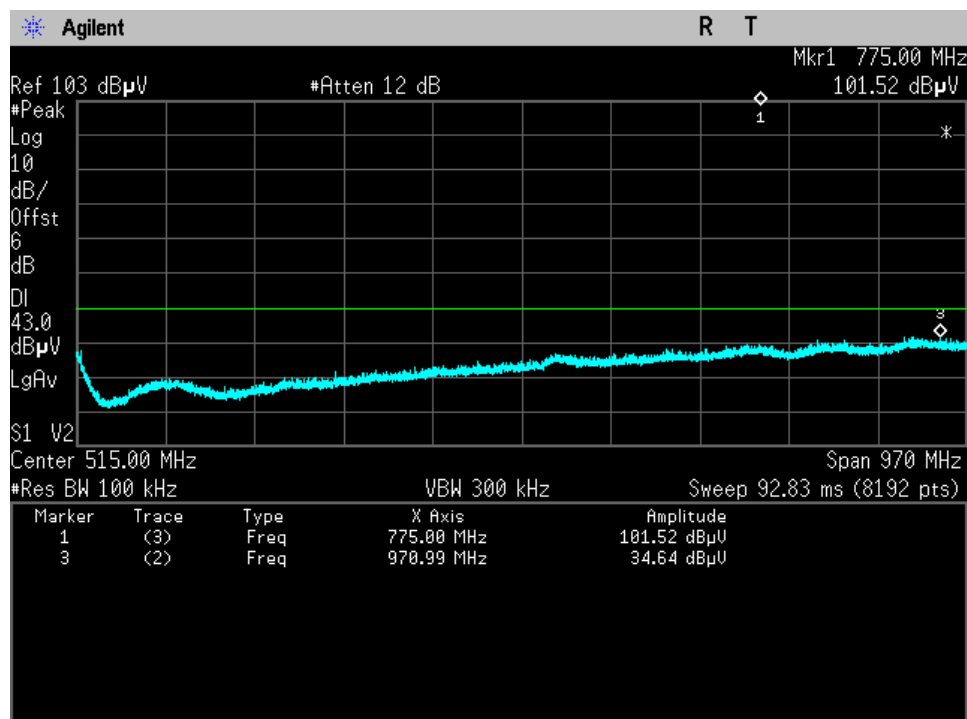
2_RE_459.65 MHz_LMR C4FM_ + 2.4 GHz WIFI_3.4 - 18 GHz



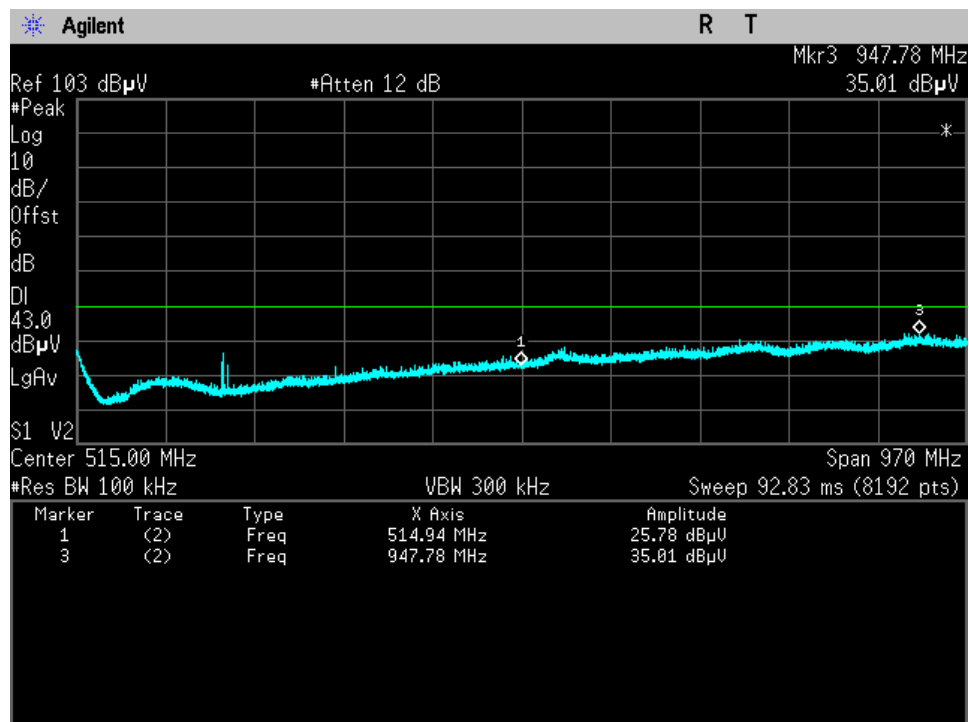
3_RE_774.975 MHz_LMR C4FM off_ + 2.4 GHz BT BR on_30 - 1000 M



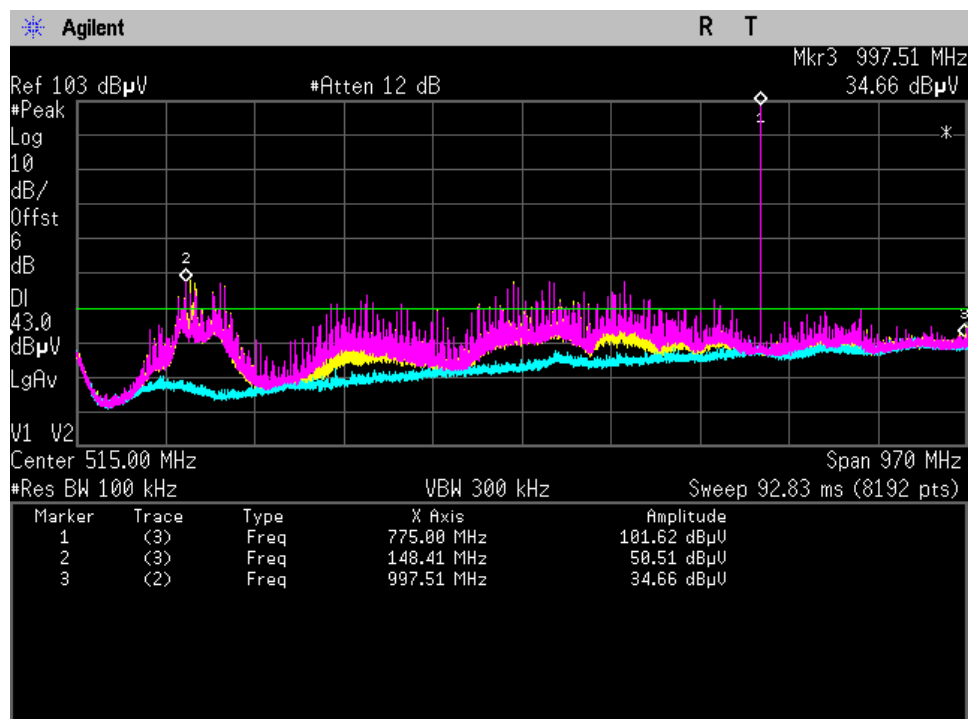
3_RE_774.975 MHz_LMR C4FM off_ + 2.4 GHz BT hopping_30 - 1000



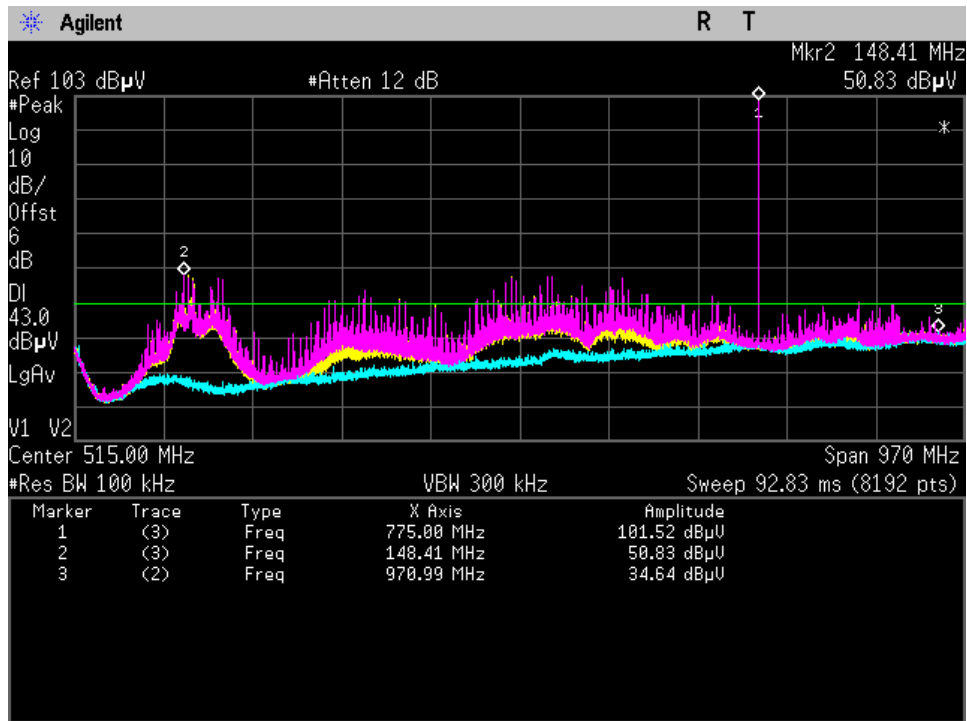
3_RE_774.975 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 MH



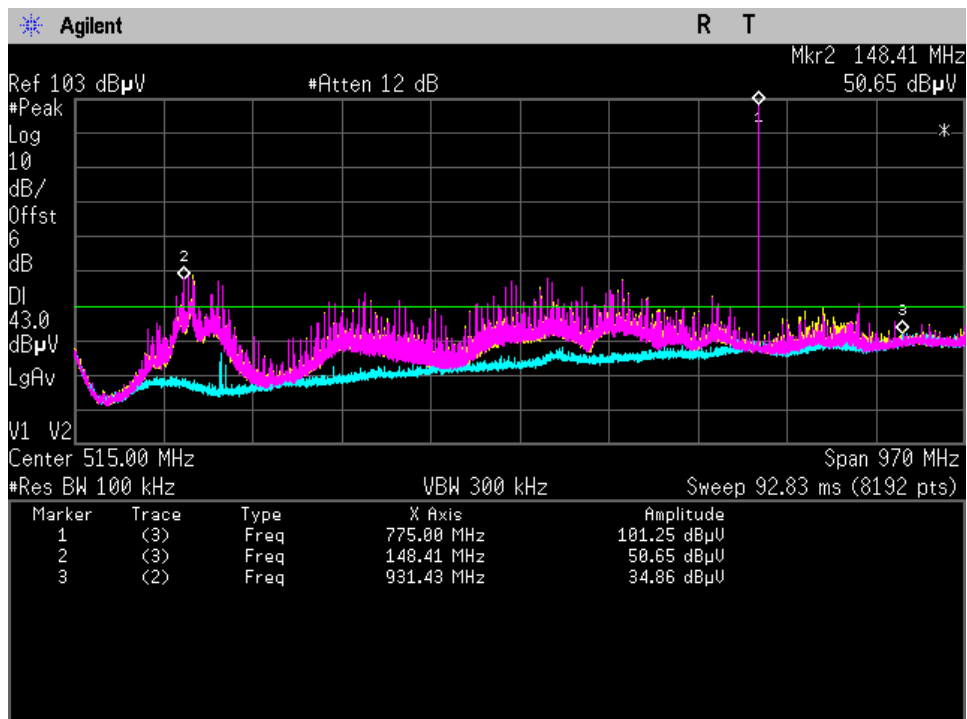
3_RE_774.975 MHz_LMR C4FM on_ + 2.4 GHz BT BR on_30 - 1000 MH



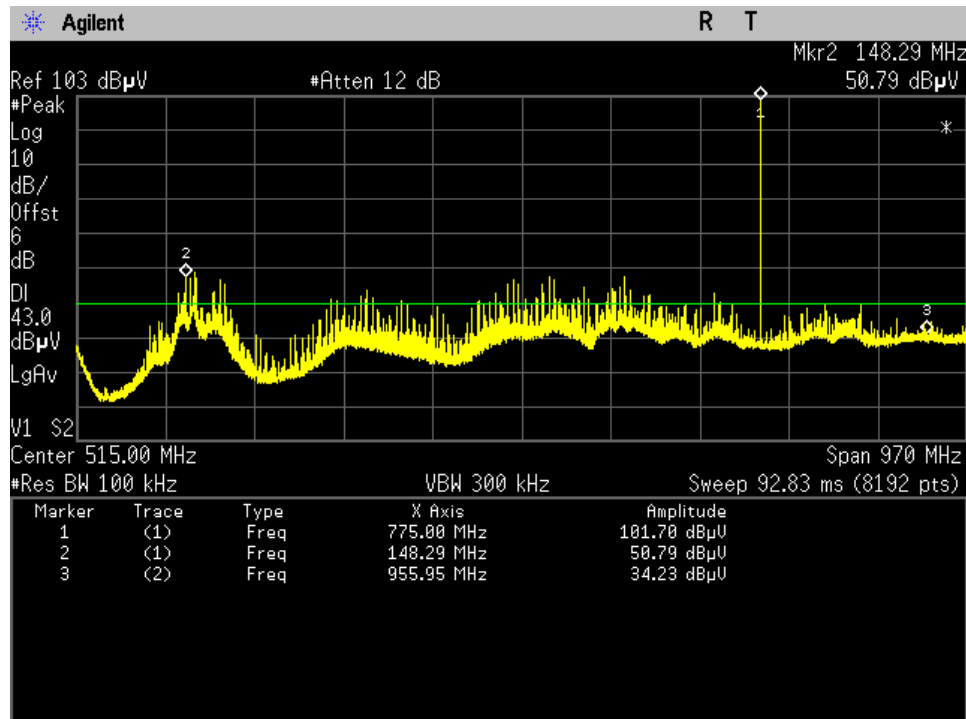
3_RE_774.975 MHz_LMR C4FM on_ + 2.4 GHz BT hopping_30 - 1000



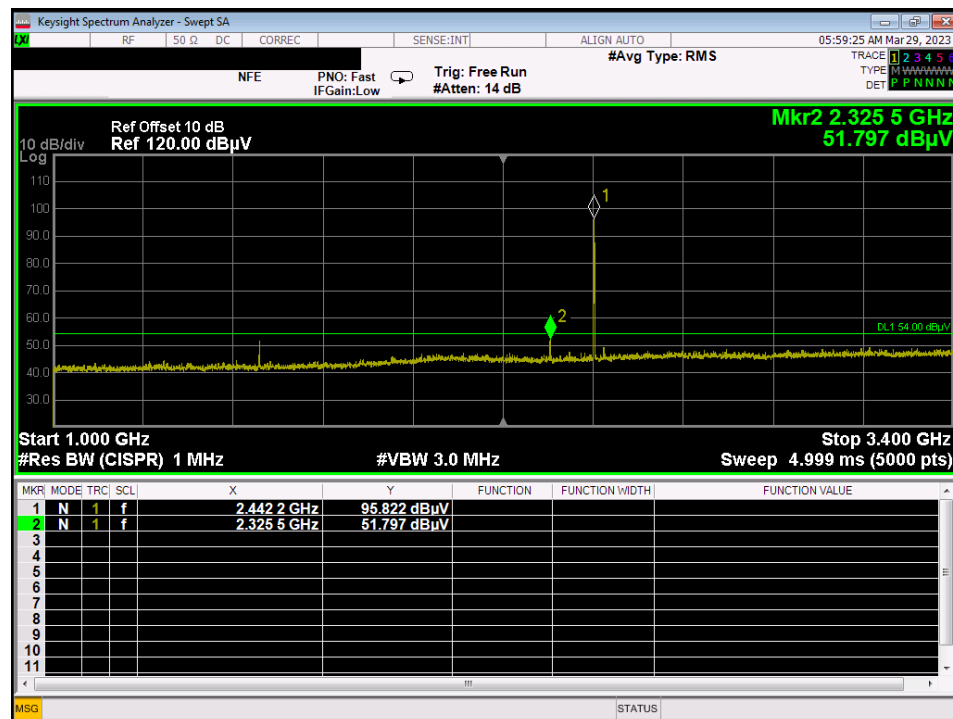
3_RE_774.975 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MHz



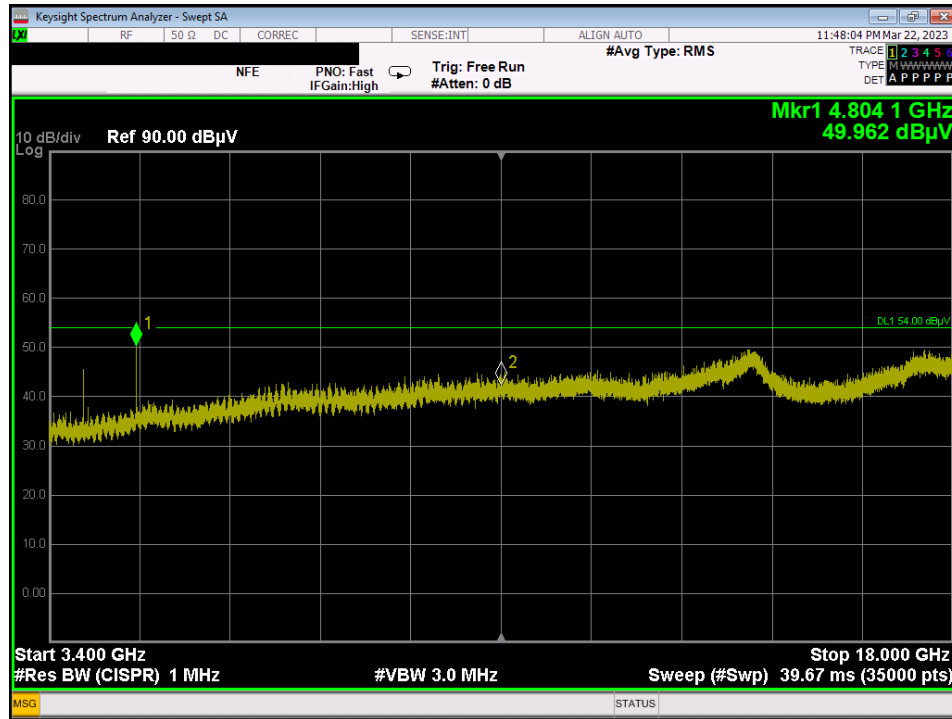
3_RE_774.975 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



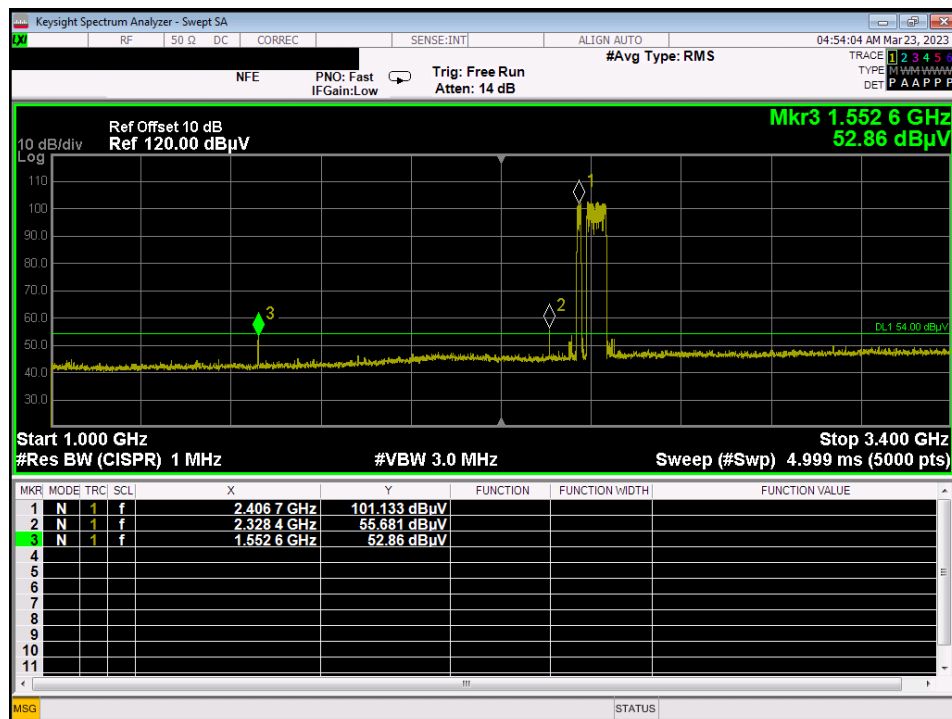
3_RE_774.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



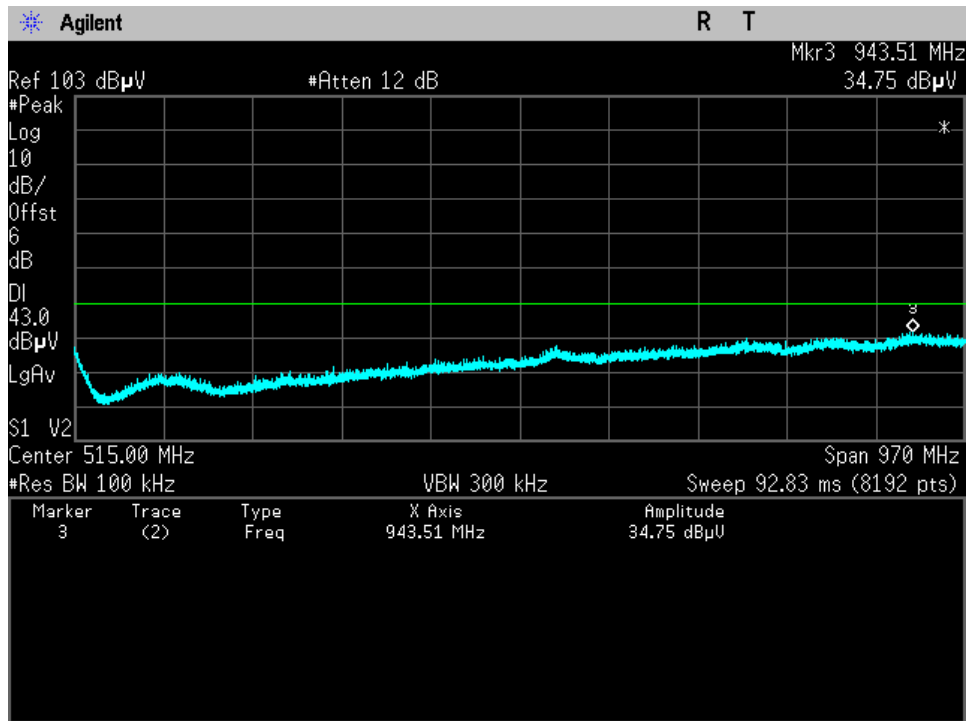
3_RE_774.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



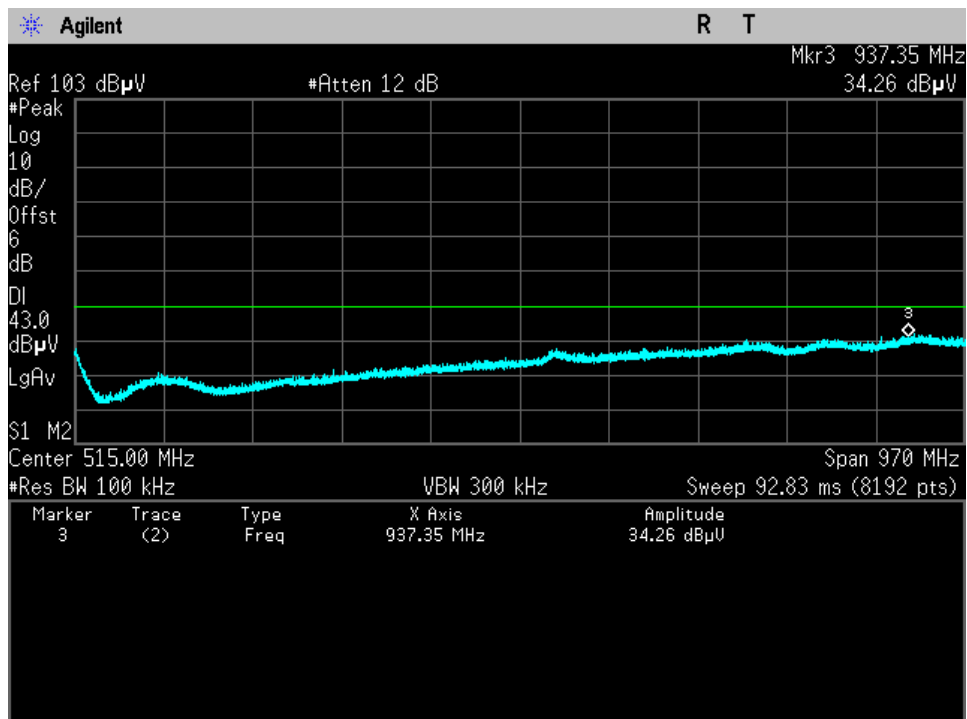
3_RE_774.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



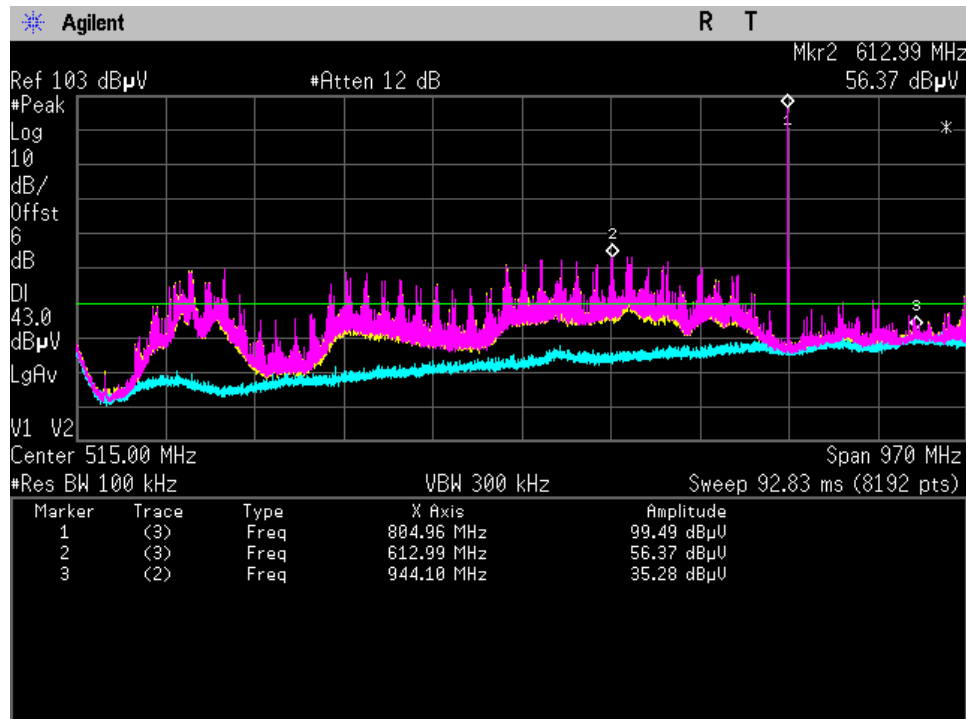
4_RE_804.975 MHz_LMR C4FM off_ + 2.4 GHz BT hopping_30 - 100



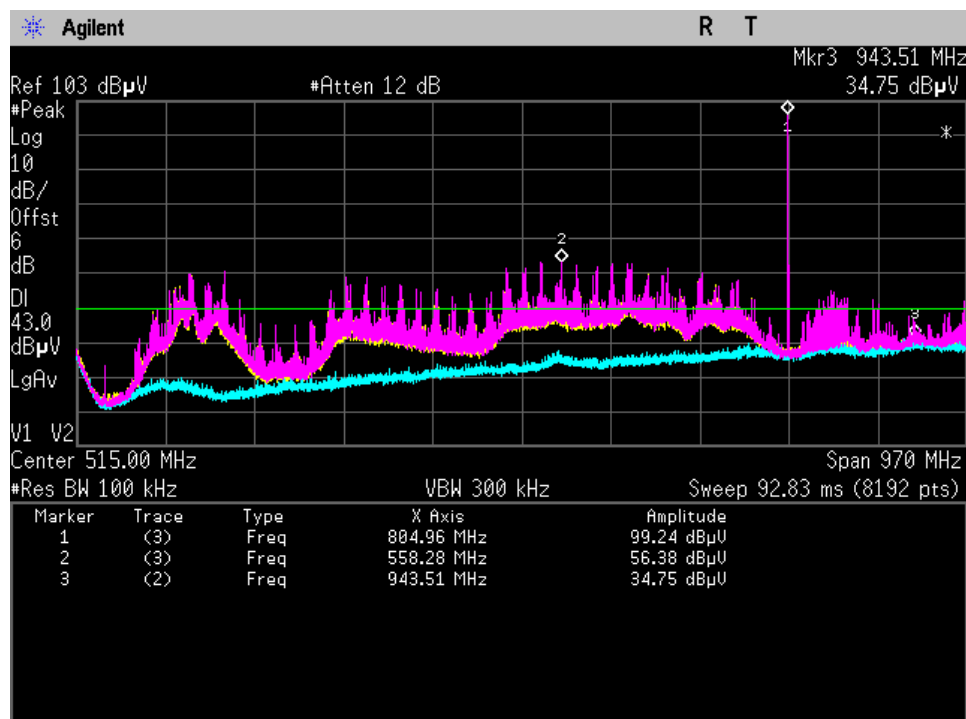
4_RE_804.975 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 M



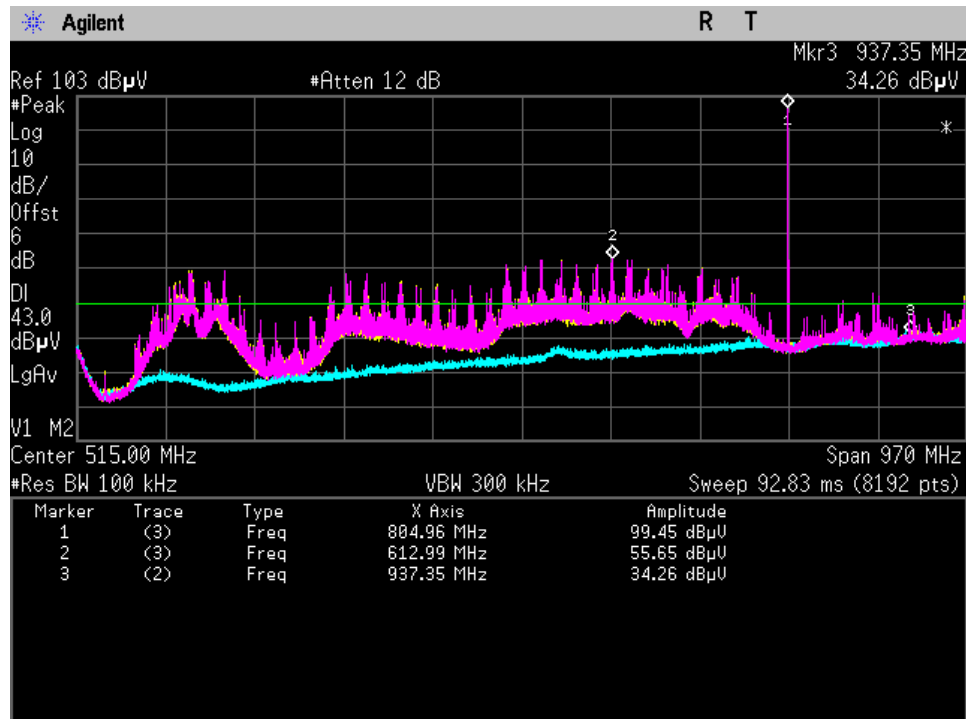
4_RE_804.975 MHz_LMR C4FM on_ + 2.4 GHz BT BR on_30 - 1000 M



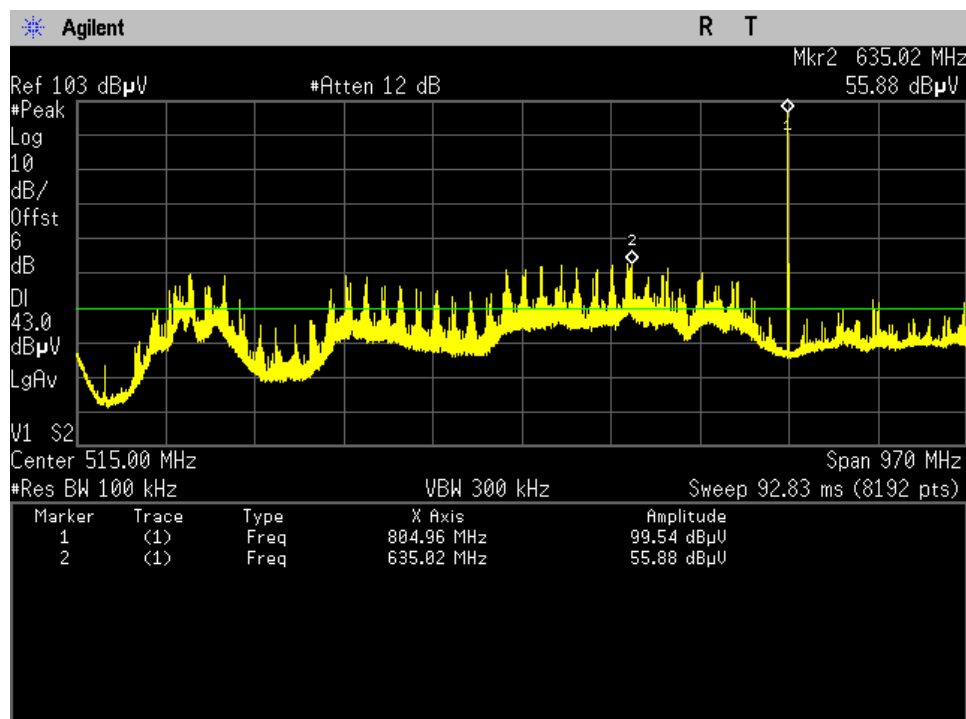
4_RE_804.975 MHz_LMR C4FM on_ + 2.4 GHz BT hopping_30 - 1000



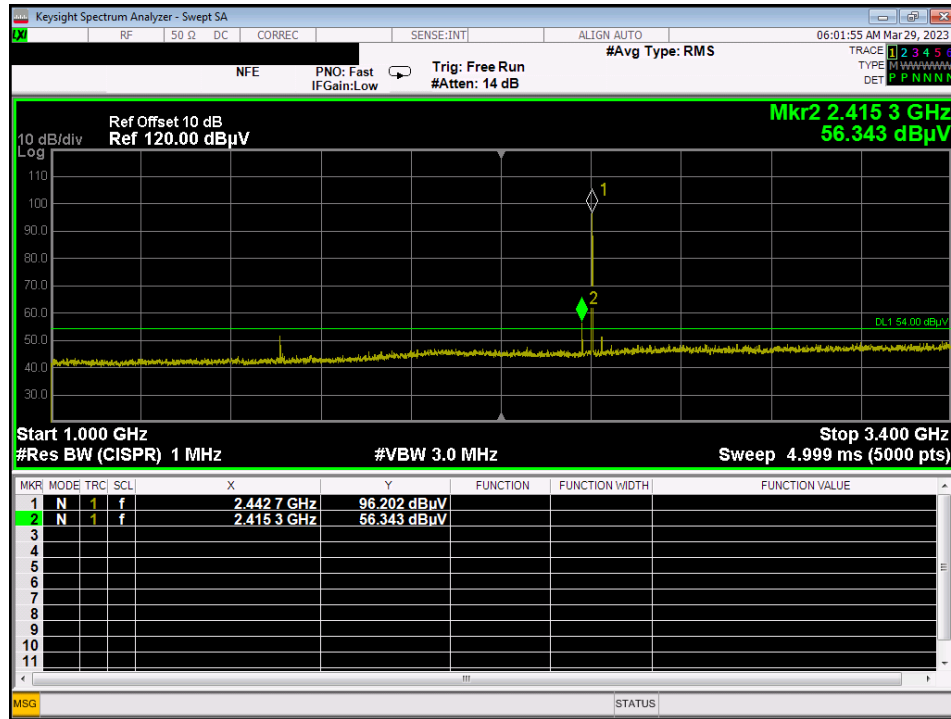
4_RE_804.975 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MH



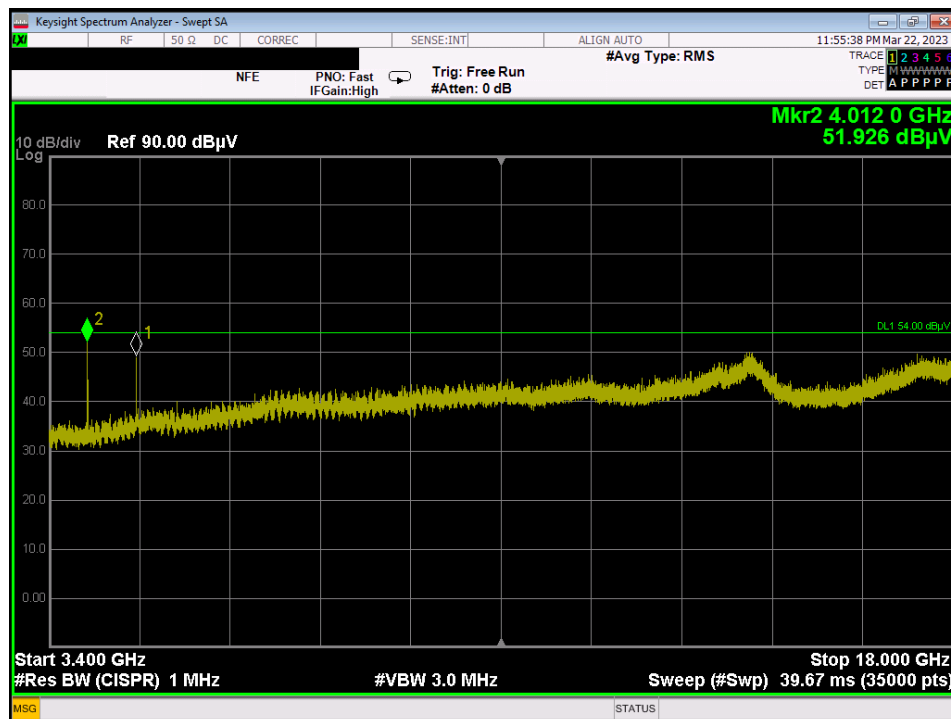
4_RE_804.975 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



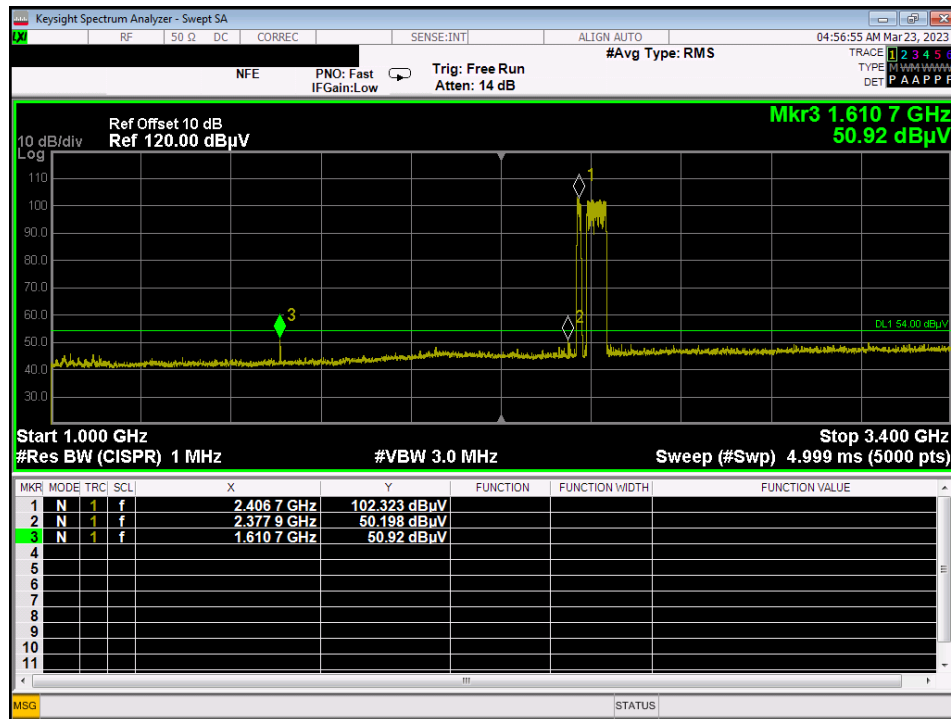
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



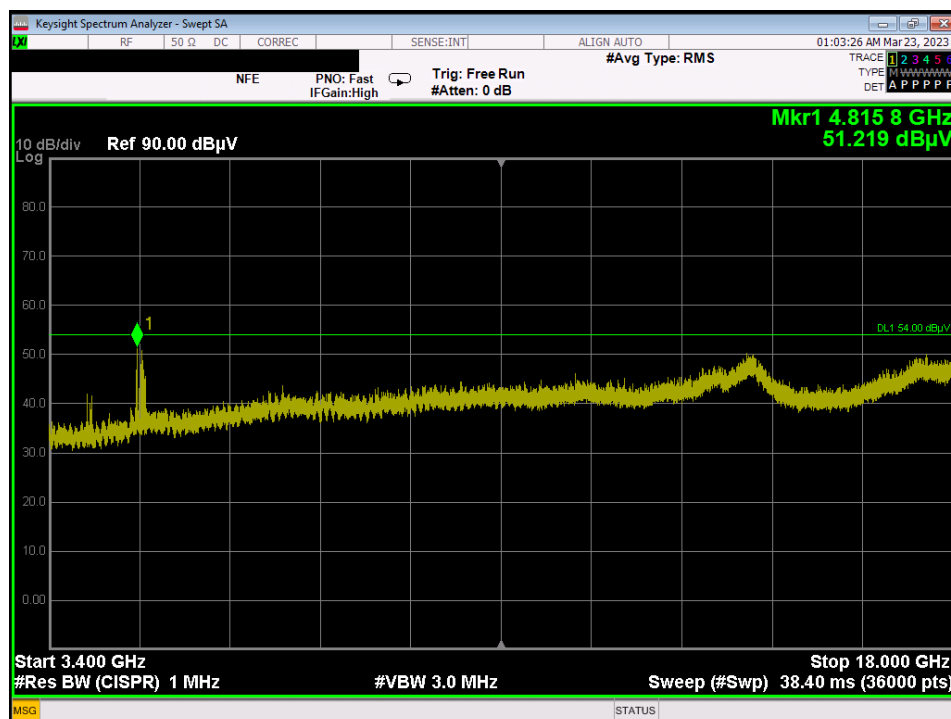
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



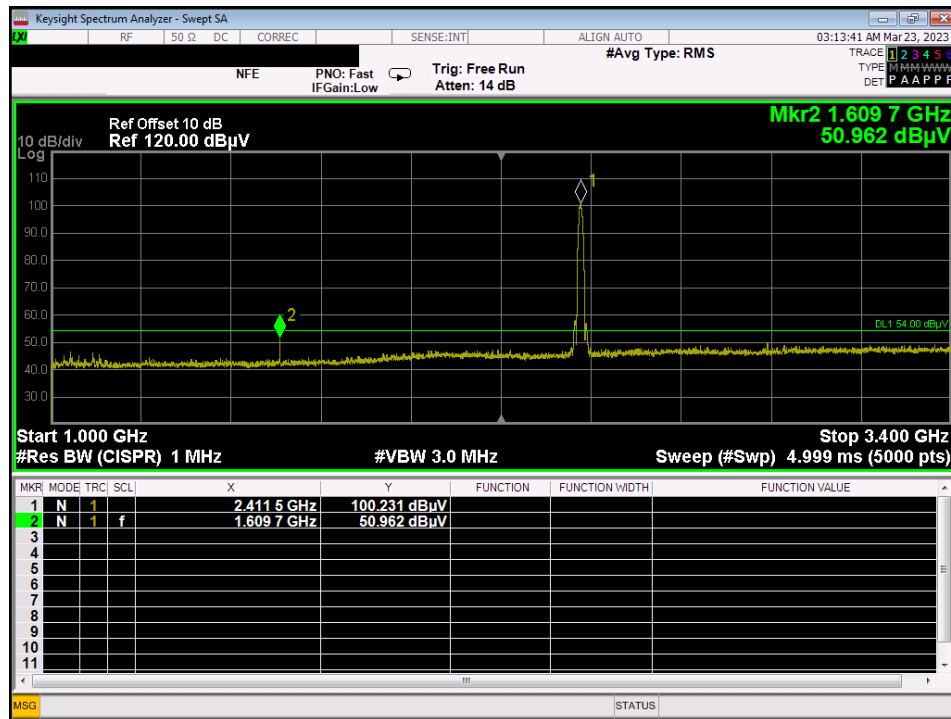
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



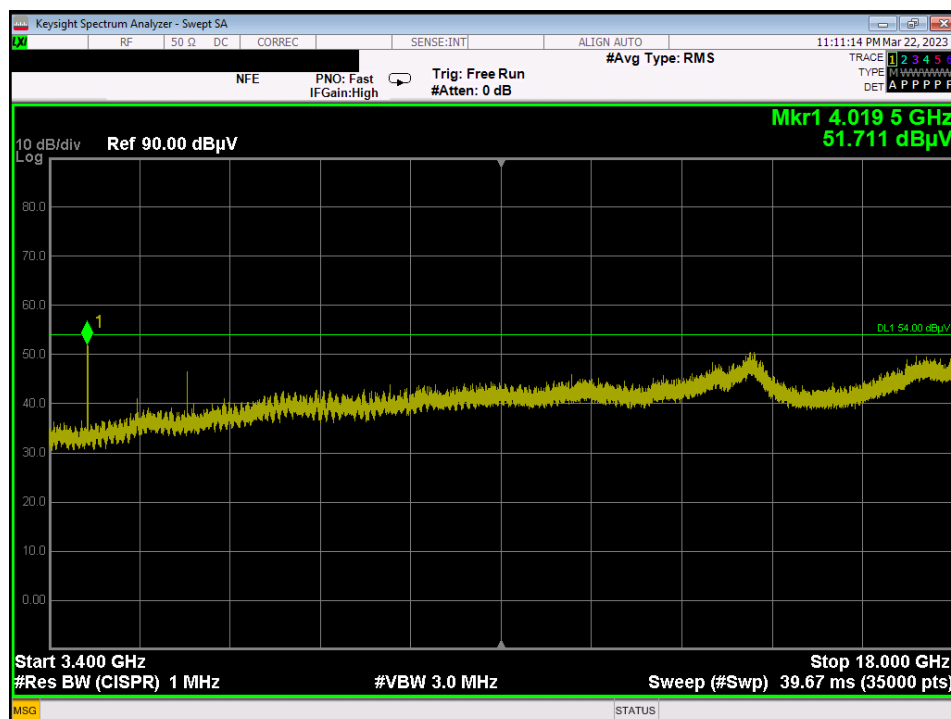
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_3.4 - 18 GHz



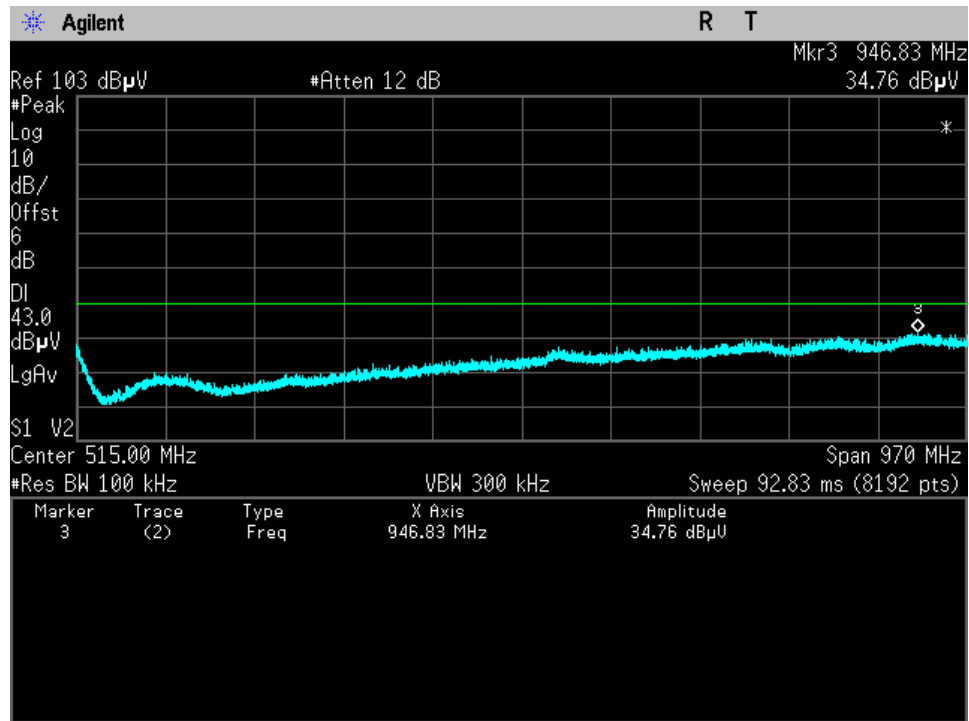
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz WIFI_1 - 3.4 GHz



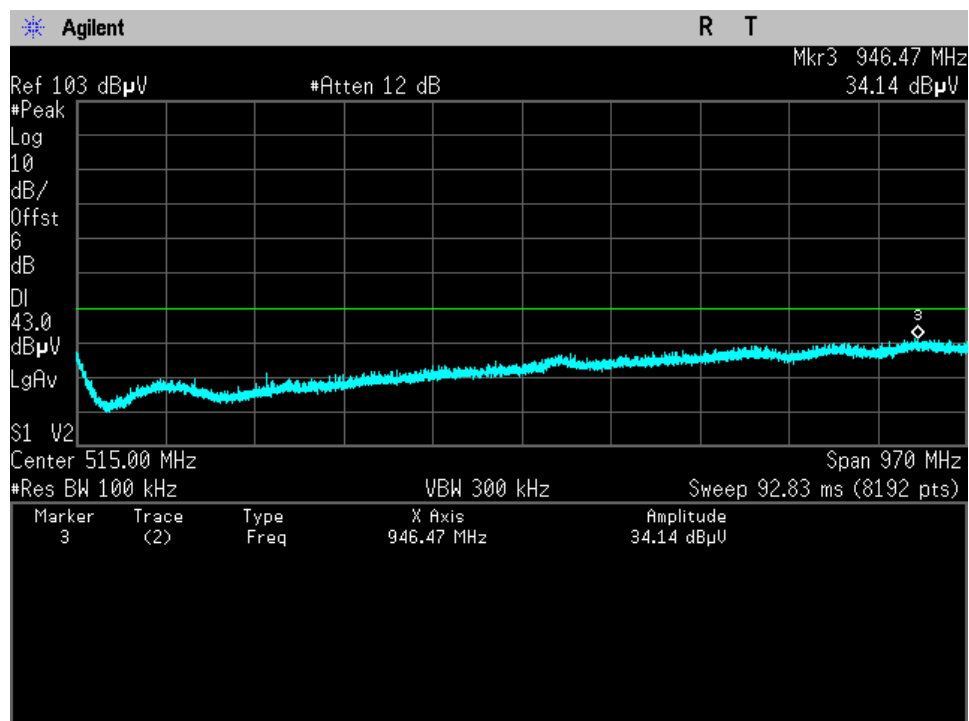
4_RE_804.975 MHz_LMR C4FM_ + 2.4 GHz WIFI_3.4 - 18 GHz



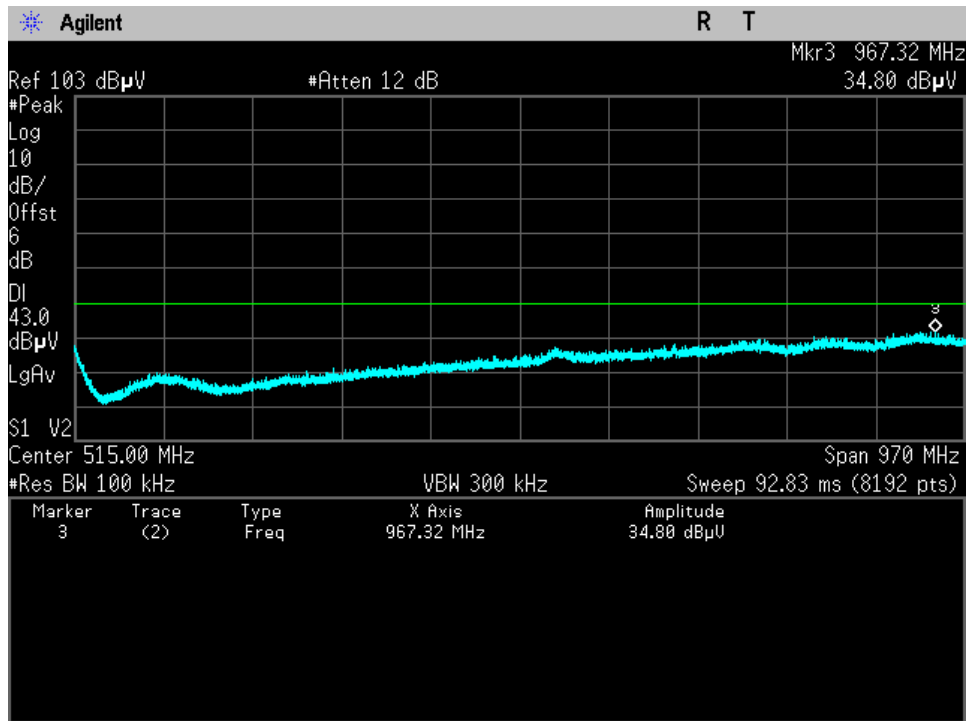
5_RE_814.975 MHz_LMR C4FM off_ + 2.4 GHz BT BE on_30 - 1000 M



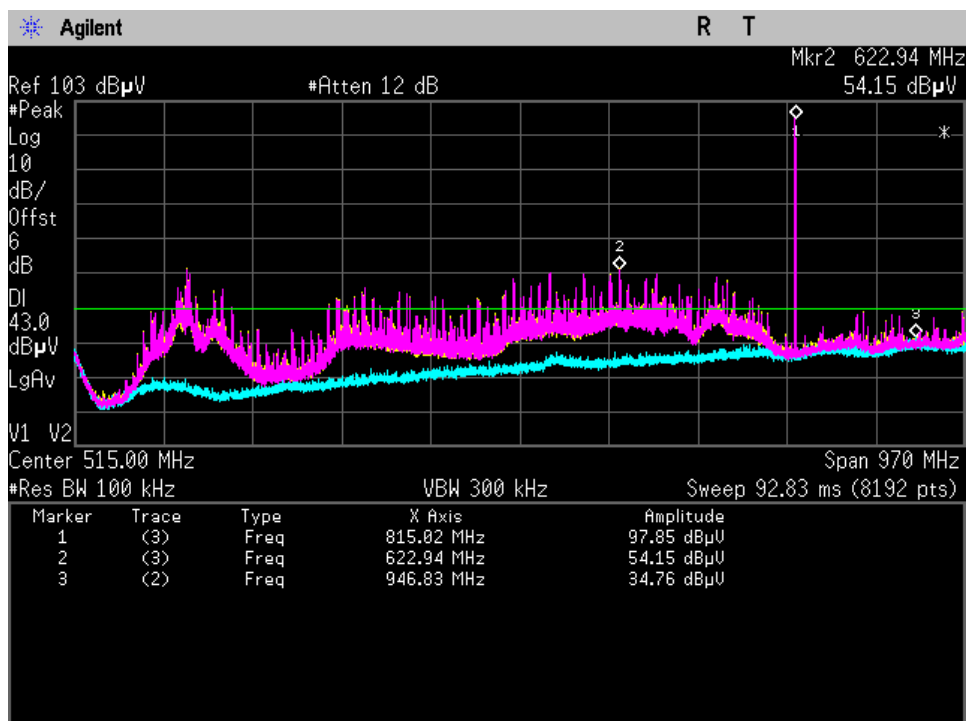
5_RE_814.975 MHz_LMR C4FM off_ + 2.4 GHz BT hopping_30 - 1000



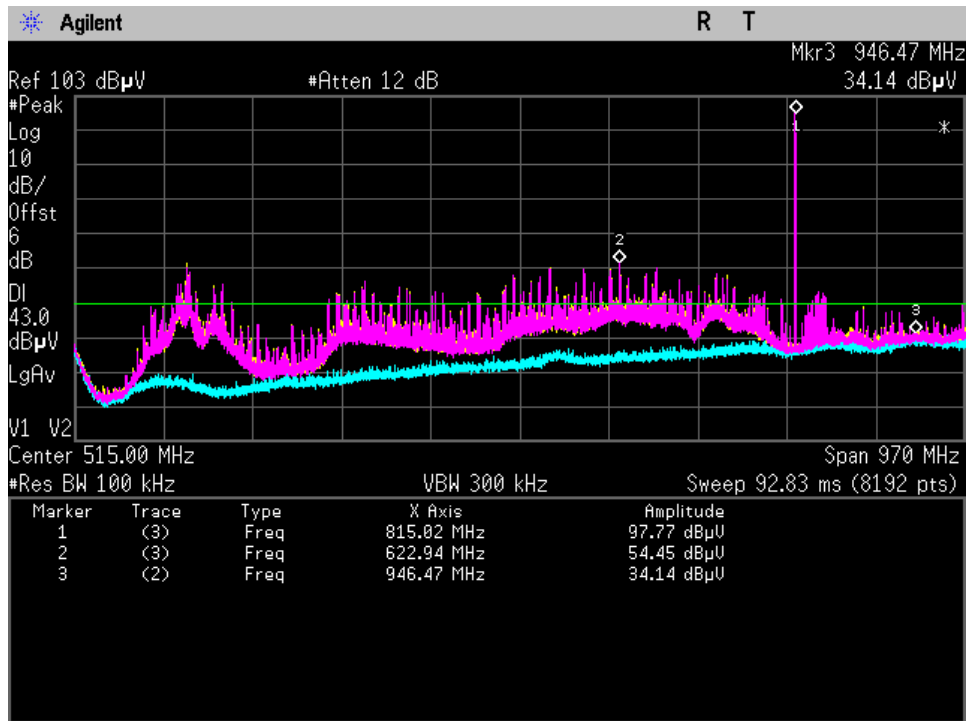
5_RE_814.975 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 MH



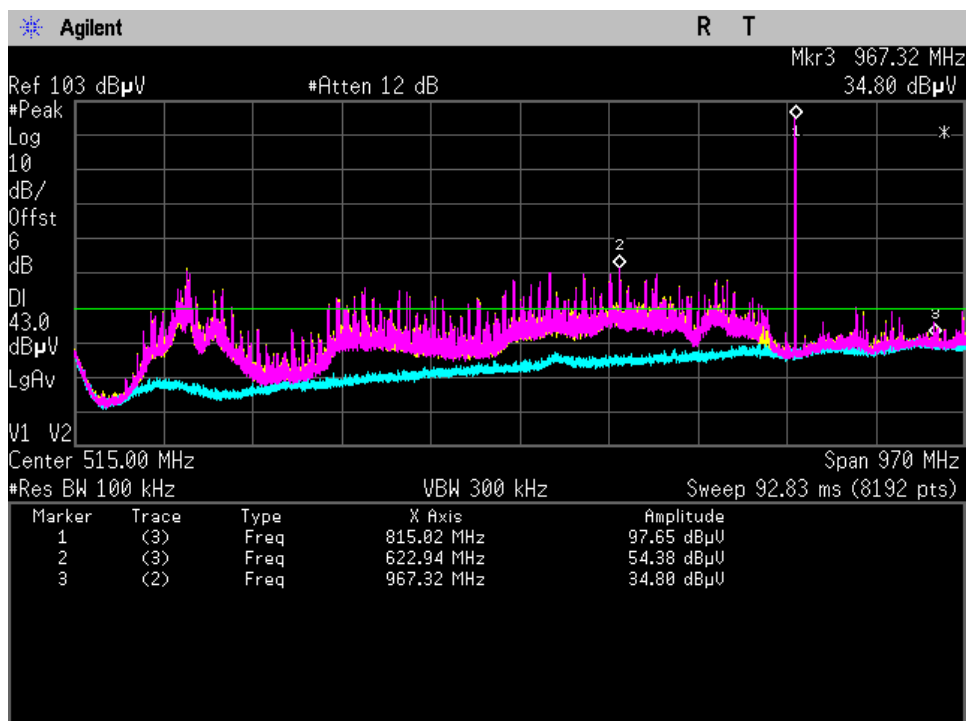
5_RE_814.975 MHz_LMR C4FM on_ + 2.4 GHz BT BE on_30 - 1000 MH



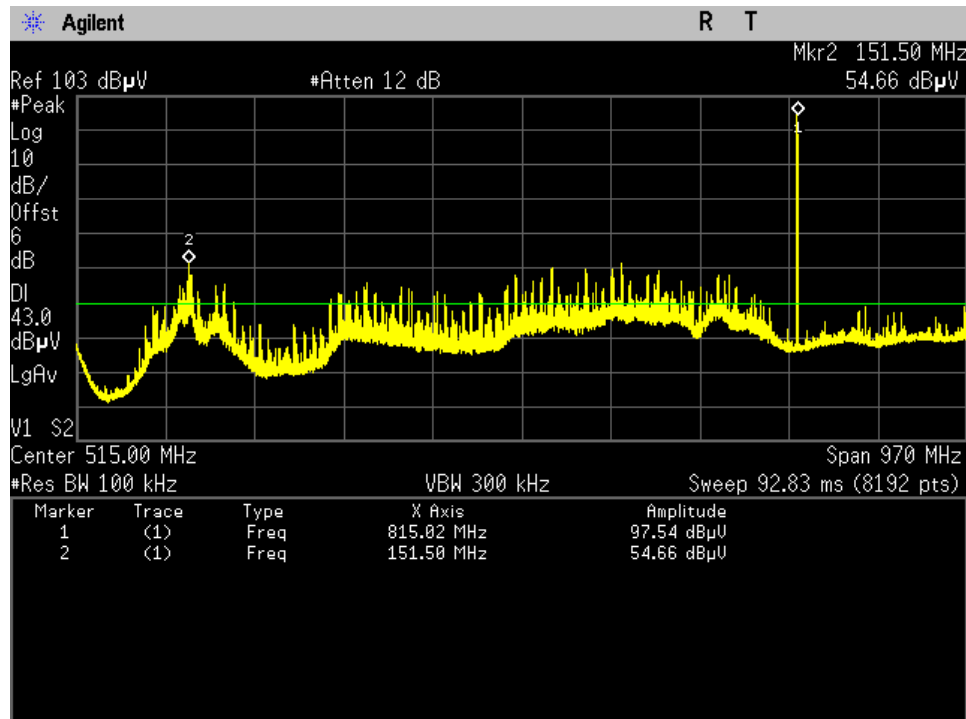
5_RE_814.975 MHz_LMR C4FM on_ + 2.4 GHz BT hopping_30 - 1000



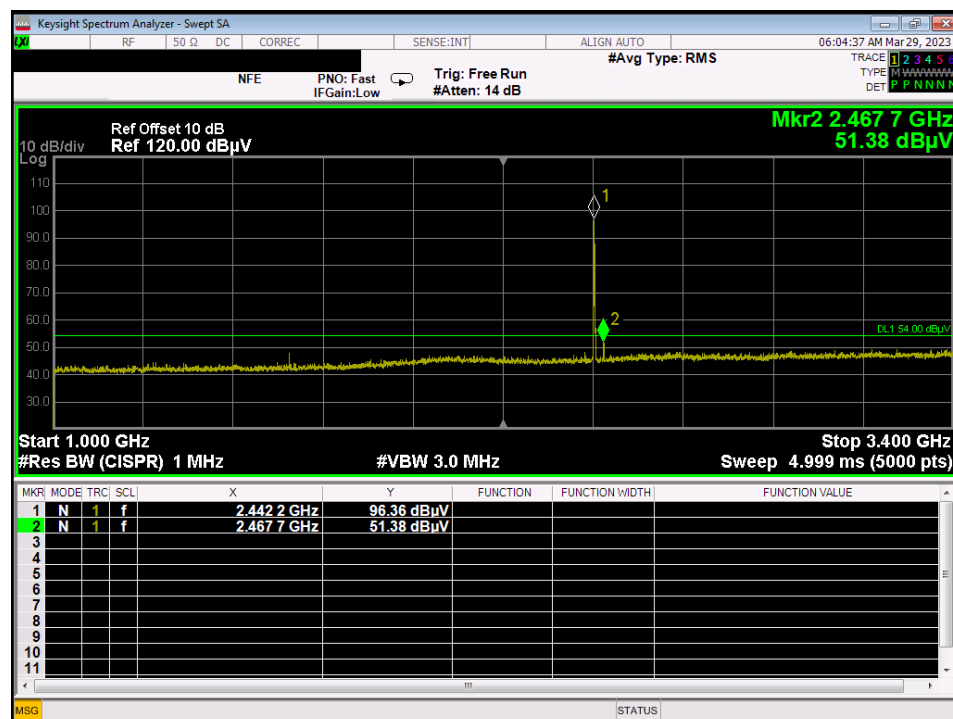
5_RE_814.975 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MHz



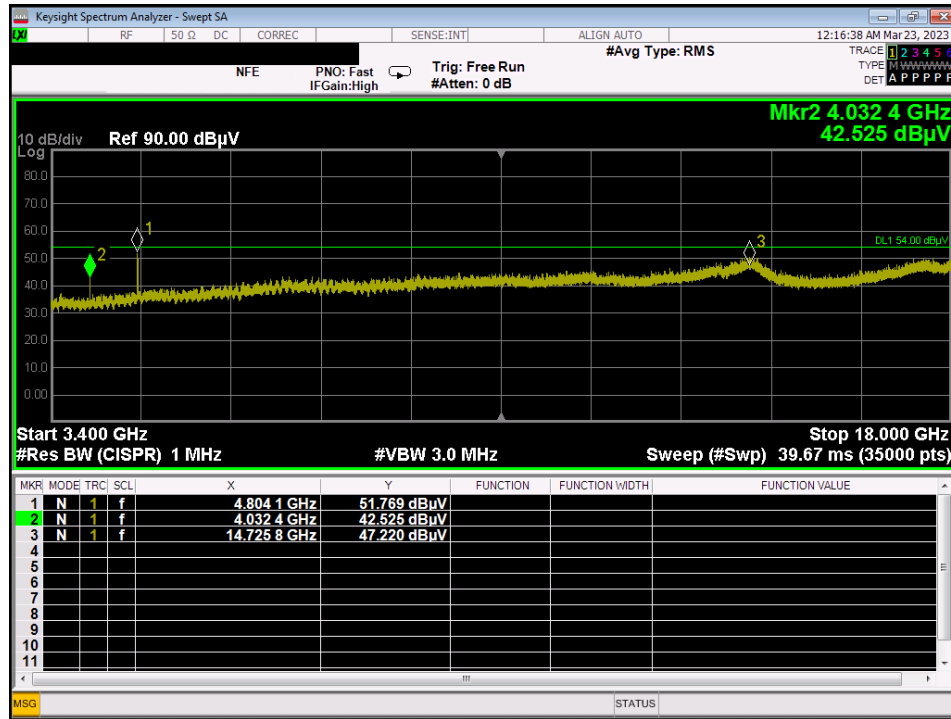
5_RE_814.975 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



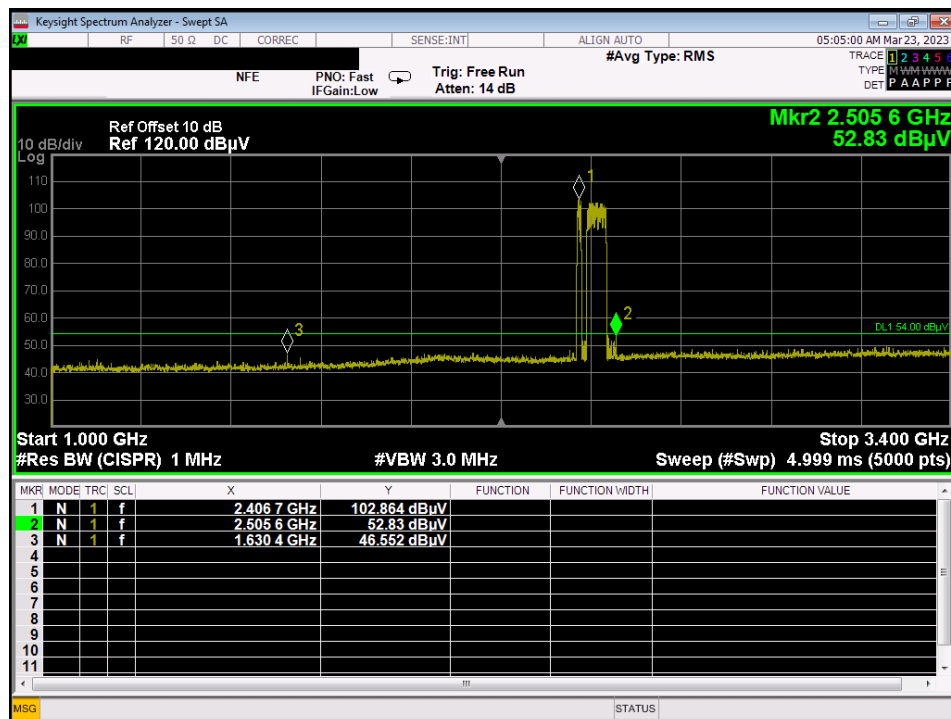
5_RE_814.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



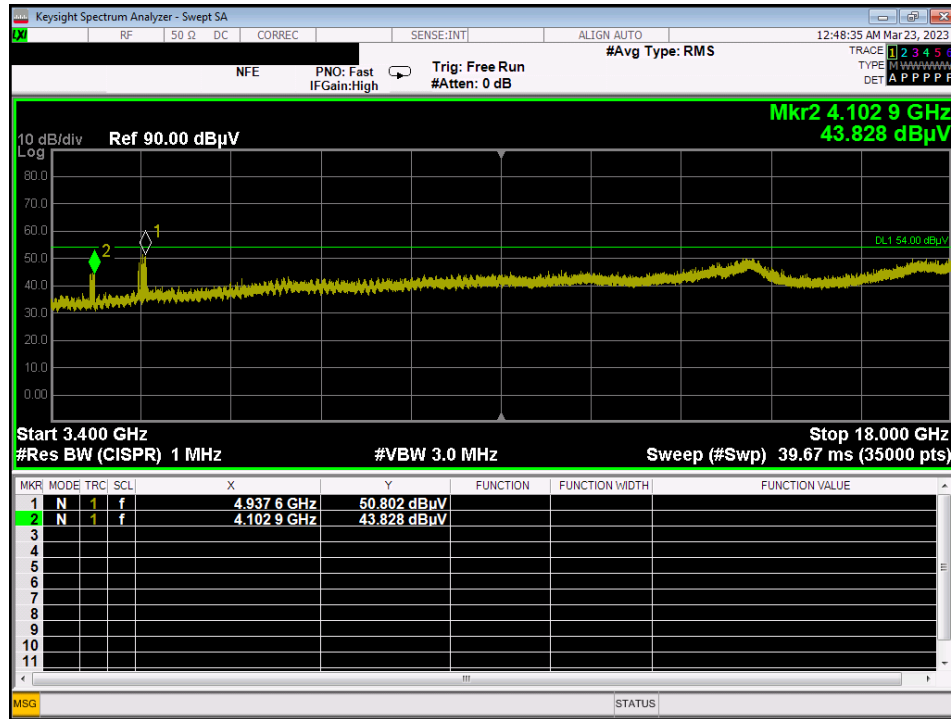
5_RE_814.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



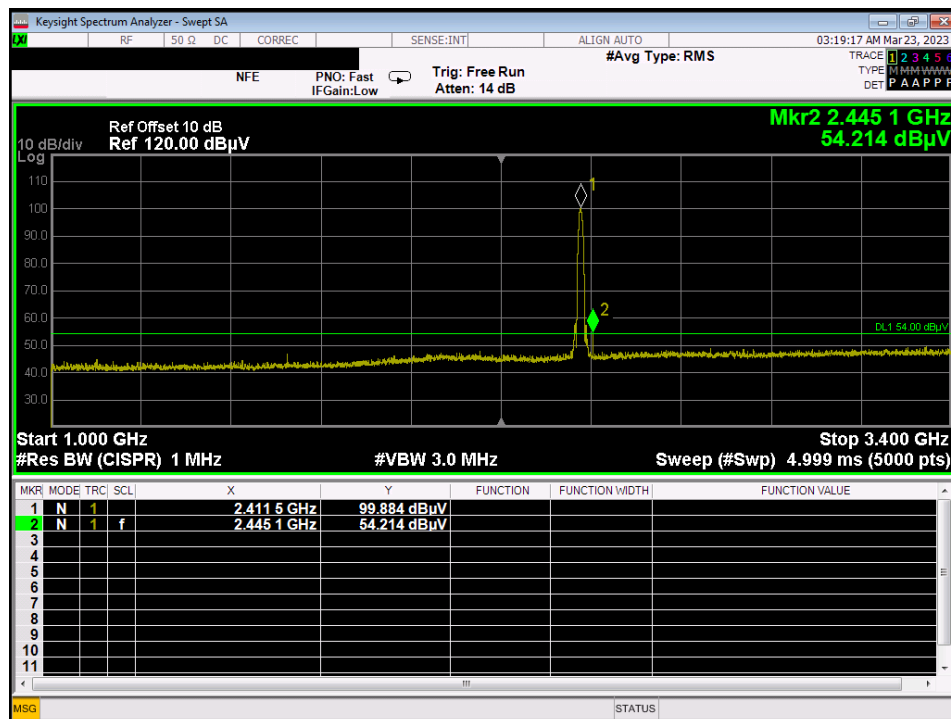
5_RE_814.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



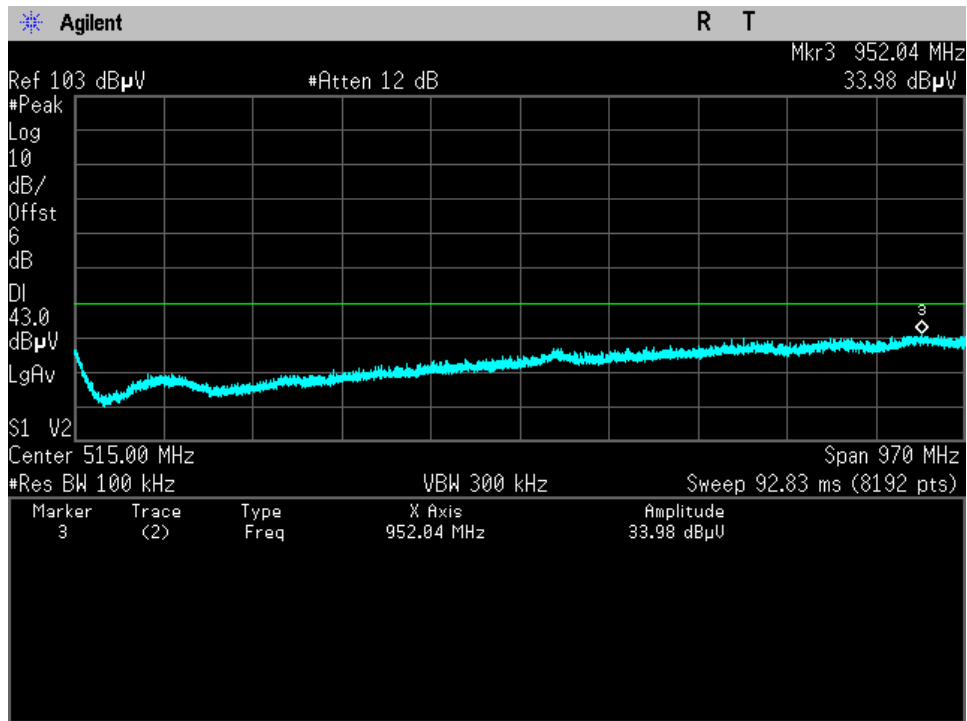
5_RE_814.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_3.4 - 18 GHz



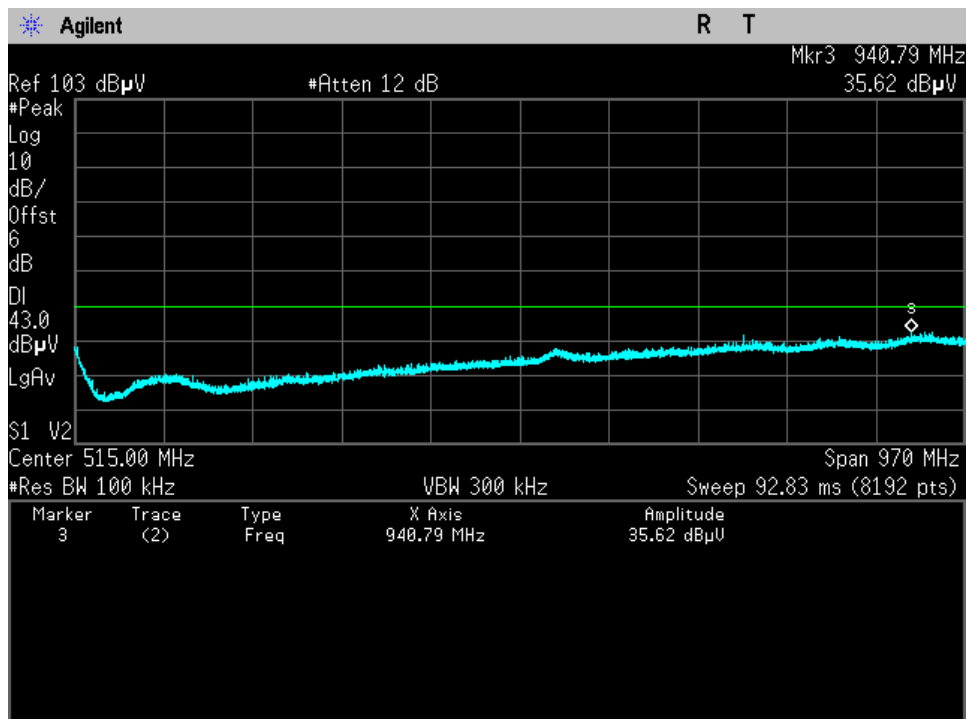
5_RE_814.975 MHz_LMR C4FM_ + 2.4 GHz WIFI_1 - 3.4 GHz



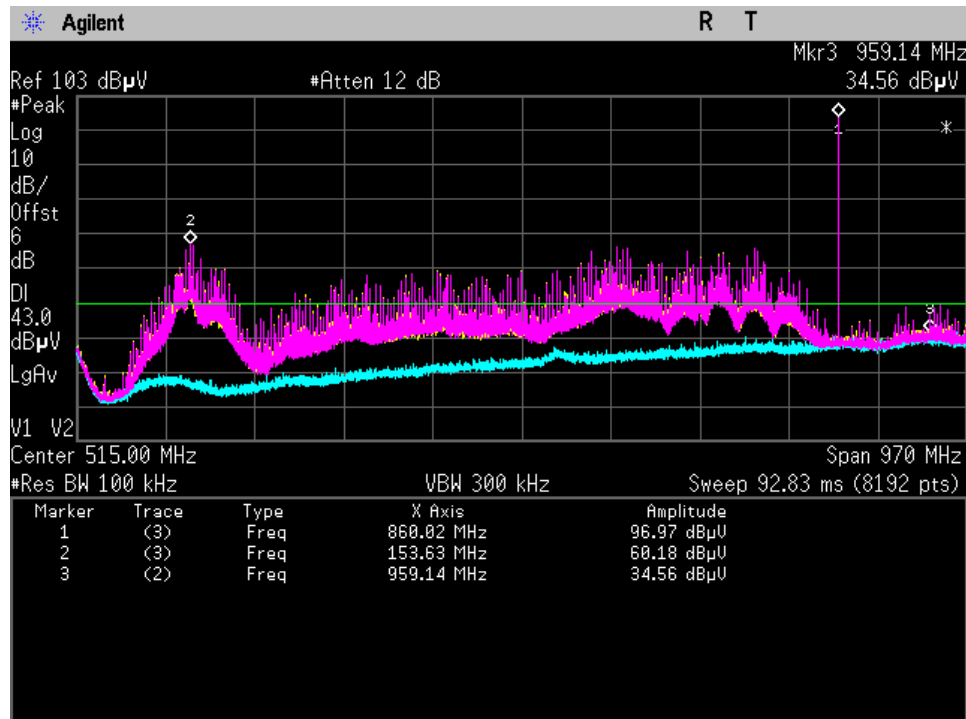
6_RE_859.975 MHz_LMR C4FM off_ + 2.4 GHz BT Hopping_30 - 100



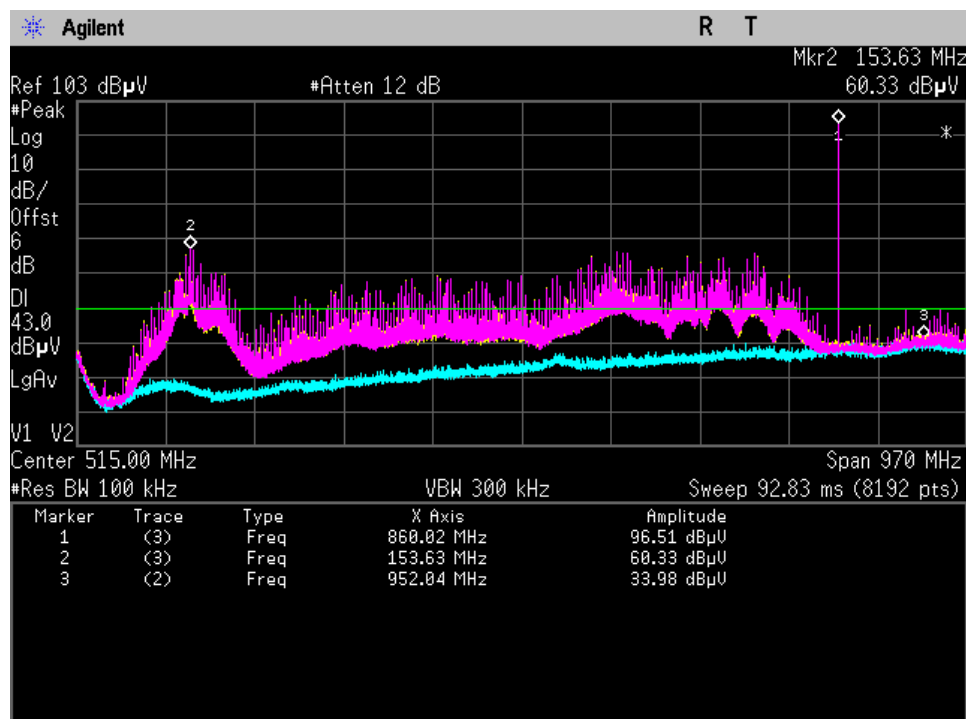
6_RE_859.975 MHz_LMR C4FM off_ + 2.4 GHz WIFI on_30 - 1000 M



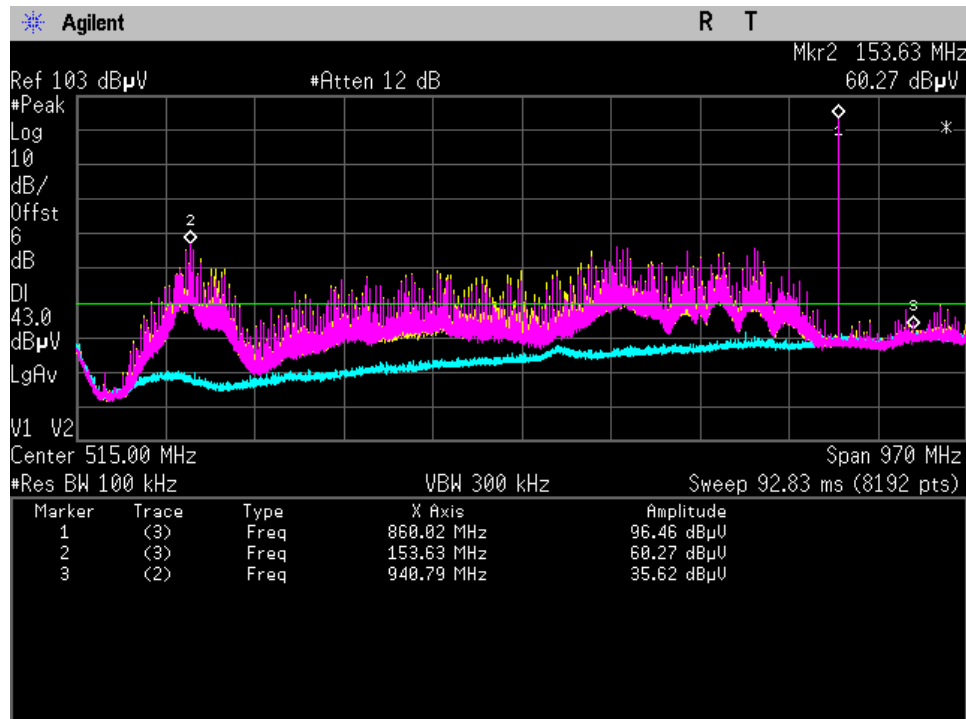
6_RE_859.975 MHz_LMR C4FM on_ + 2.4 GHz BT BE on_30 - 1000 M



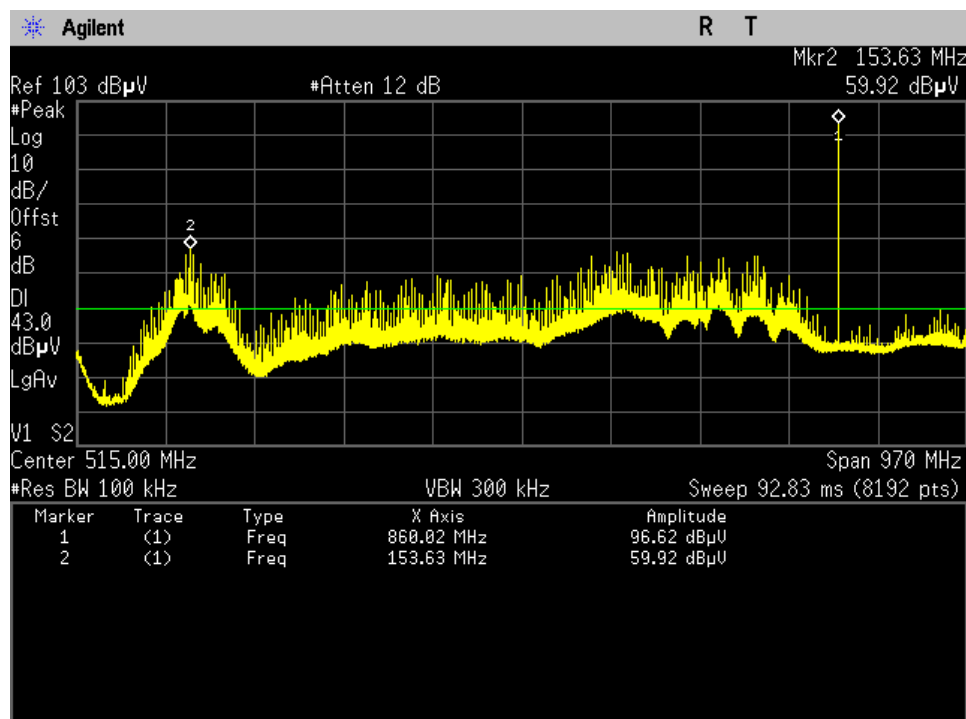
6_RE_859.975 MHz_LMR C4FM on_ + 2.4 GHz BT Hopping_30 - 1000



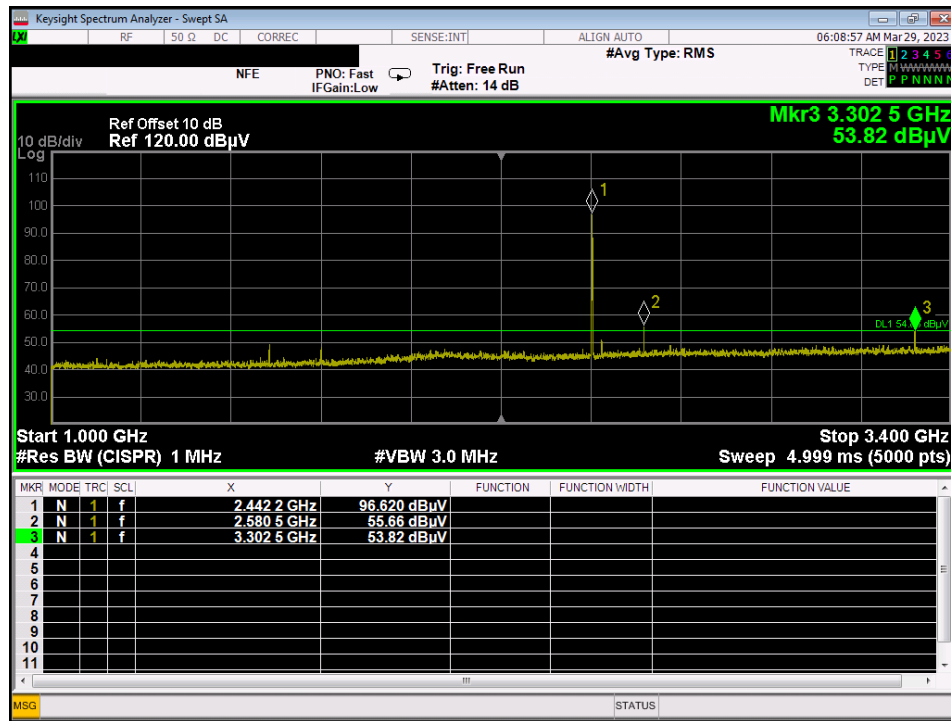
6_RE_859.975 MHz_LMR C4FM on_ + 2.4 GHz WIFI on_30 - 1000 MH



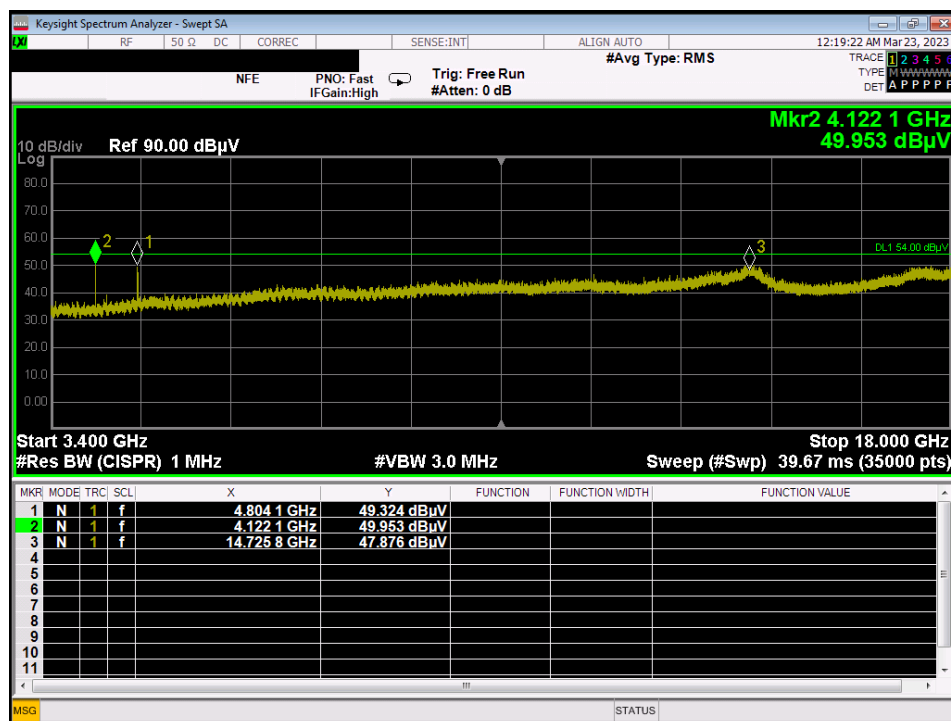
6_RE_859.975 MHz_LMR C4FM on_ + Part 15 TX off_30 - 1000 MHz



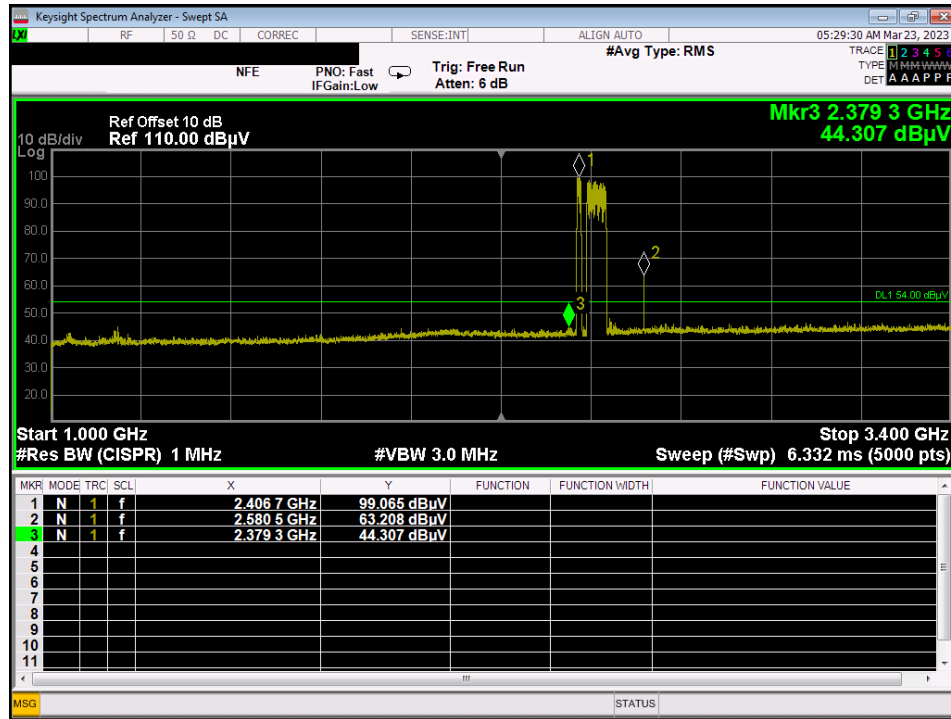
6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_1 - 3.4 GHz



6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz BT BR_3.4 - 18 GHz



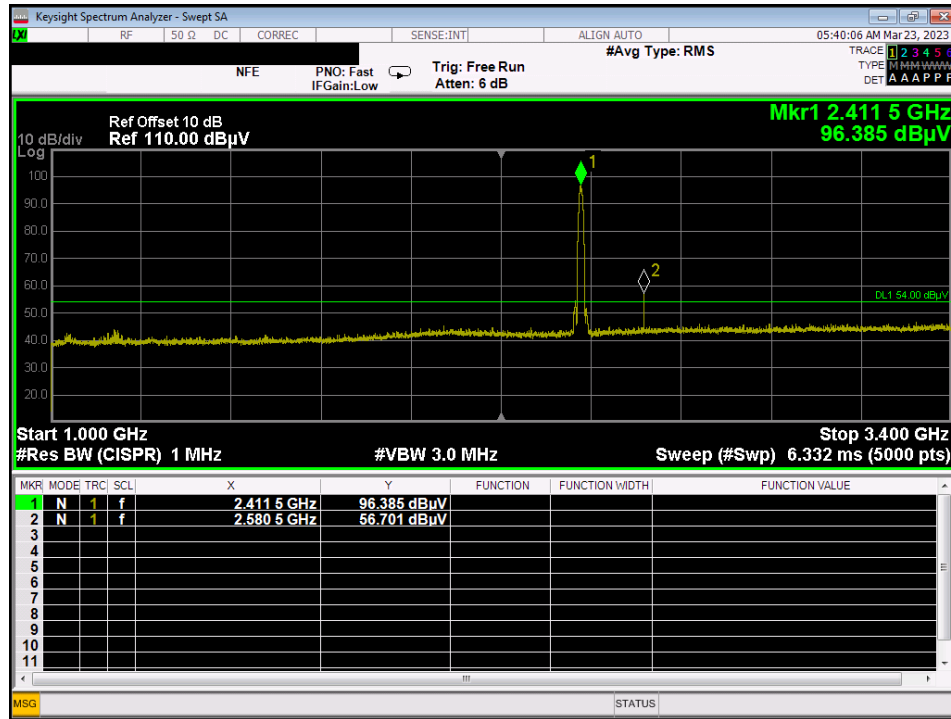
6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_1 - 3.4 GHz



6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz BT Hopping mode_3.4 - 18 GHz



6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz WIFI_1 - 3.4 GHz



6_RE_859.975 MHz_LMR C4FM_ + 2.4 GHz WIFI_3.4 - 18 GHz

