

## **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.

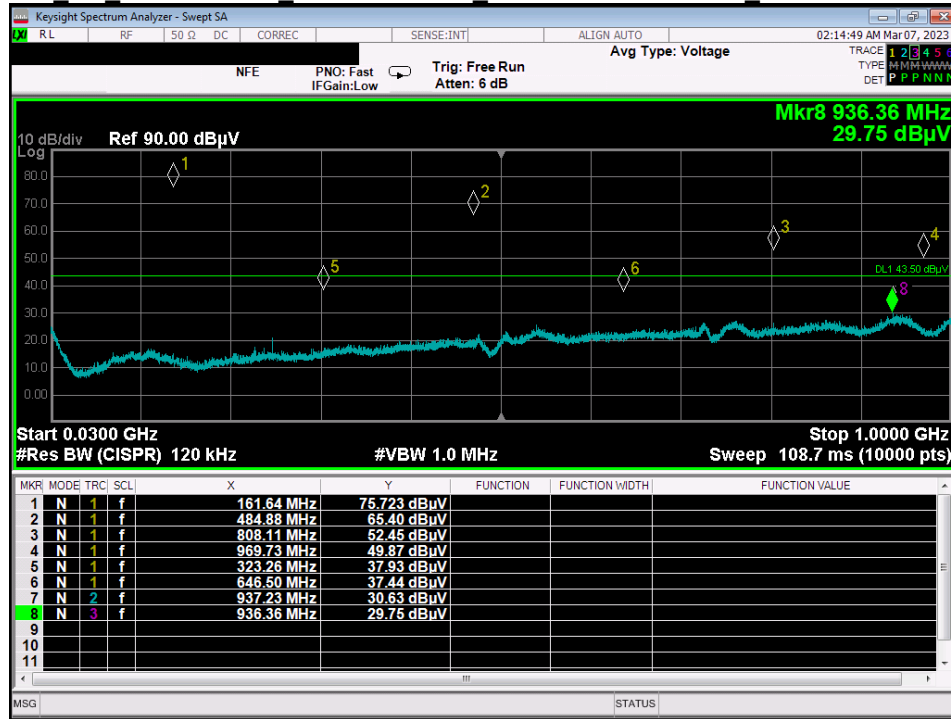
A second plot shows the Part 15 transmitter on and the LMR transmitter off (trace 2). All Part 15 transmitter spurious signals are marked and meet the limits for the Part 15 transmitter.

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

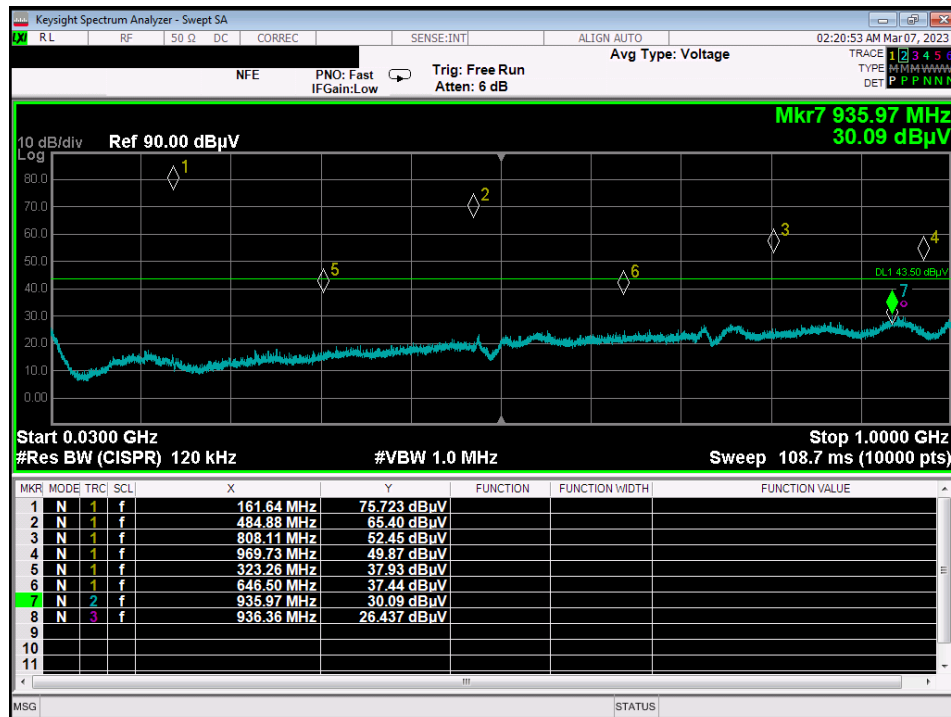
In all cases, the spurious emissions meet the spurious emission limits for the transmitter creating the spurious emission.

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

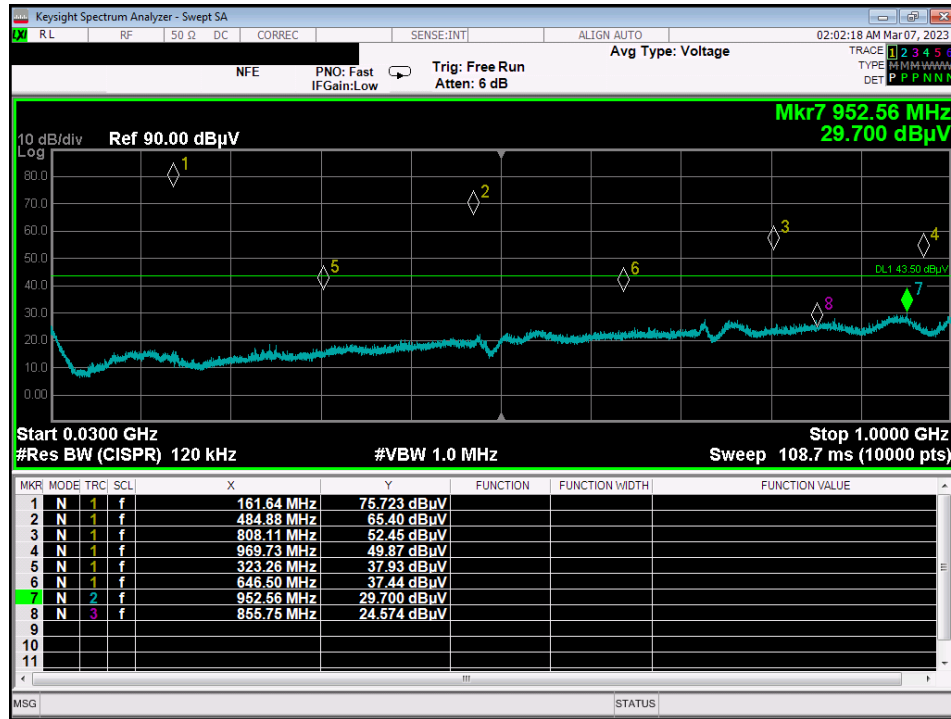
# 1 RE 161.625 MHz LMR C4FM off + 2.4 GHz BT BR on 30 - 1000 MHz



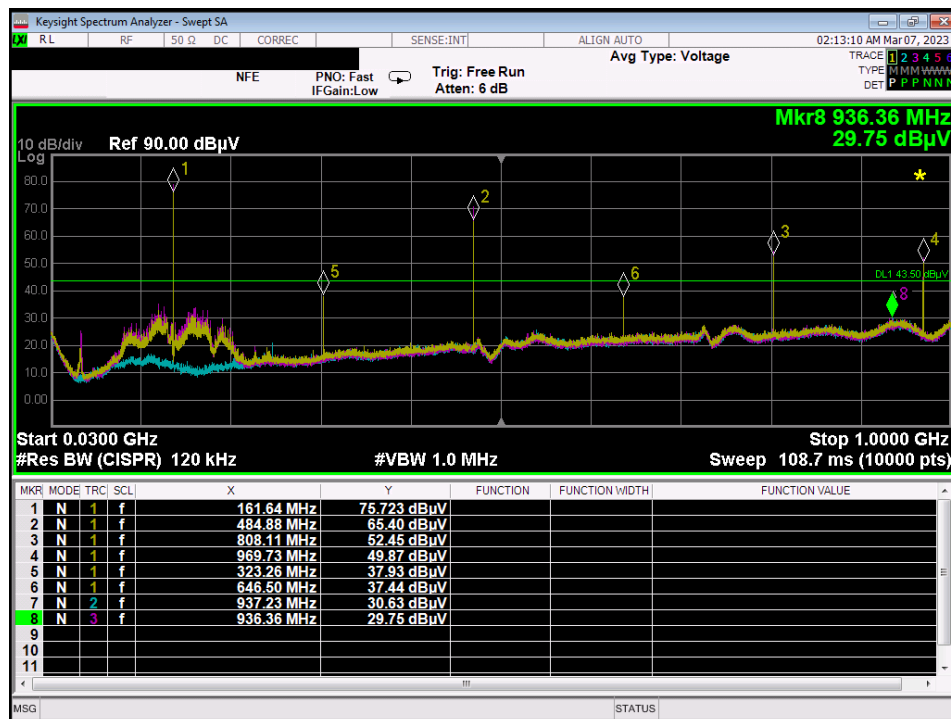
# 1\_RE\_161.625 MHz\_LMR C4FM off\_ + 2.4 GHz BT Hopping on\_30 - 1000 MHz



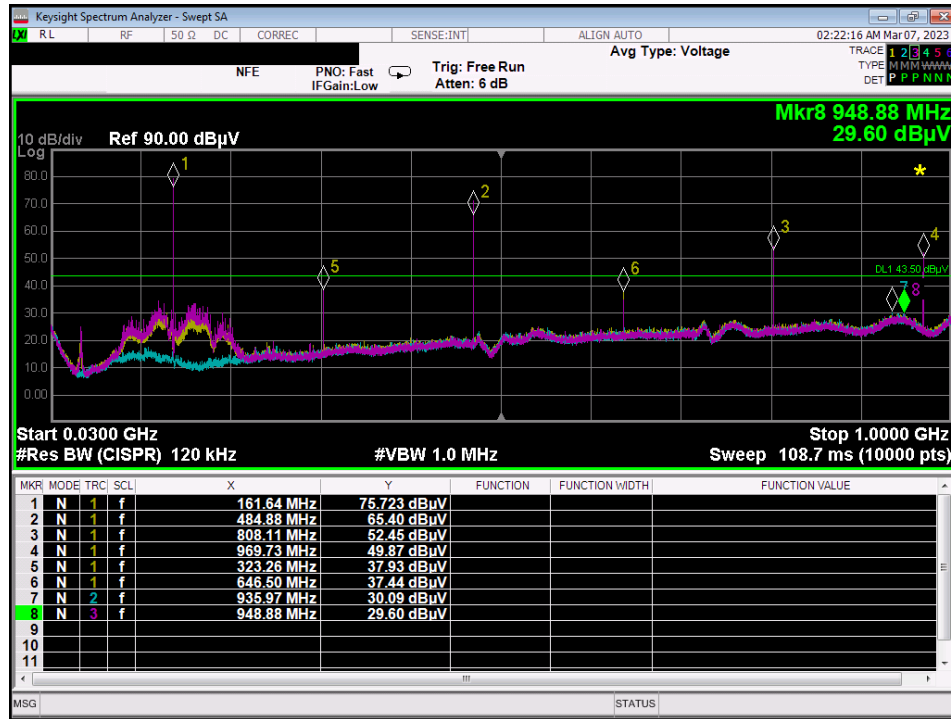
# 1\_RE\_161.625 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



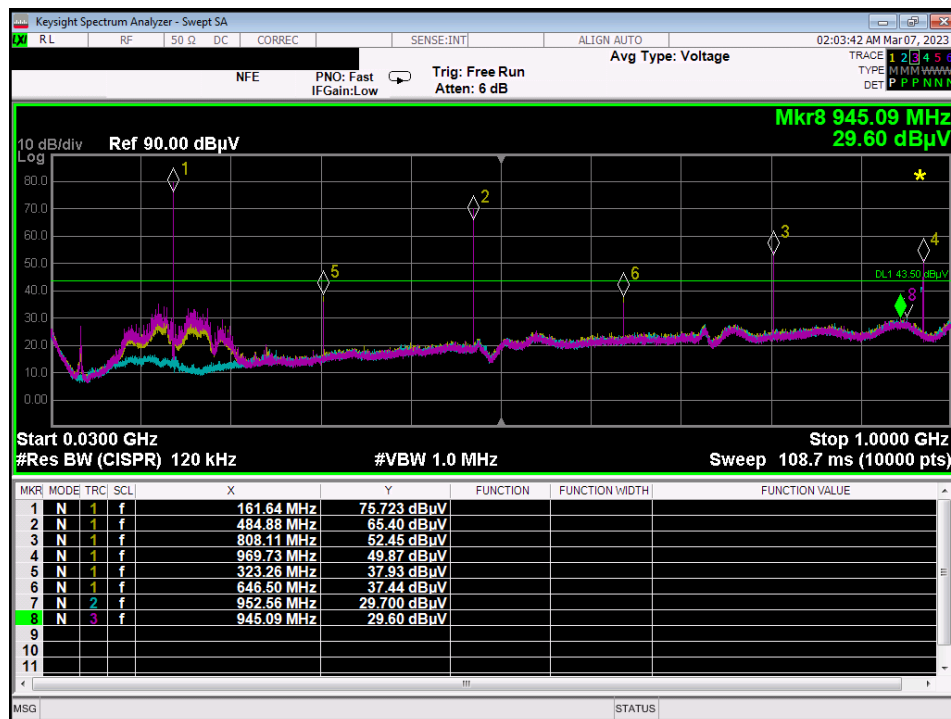
# 1\_RE\_161.625 MHz\_LMR C4FM on\_ + 2.4 GHz BT BR on\_30 - 1000 MHz



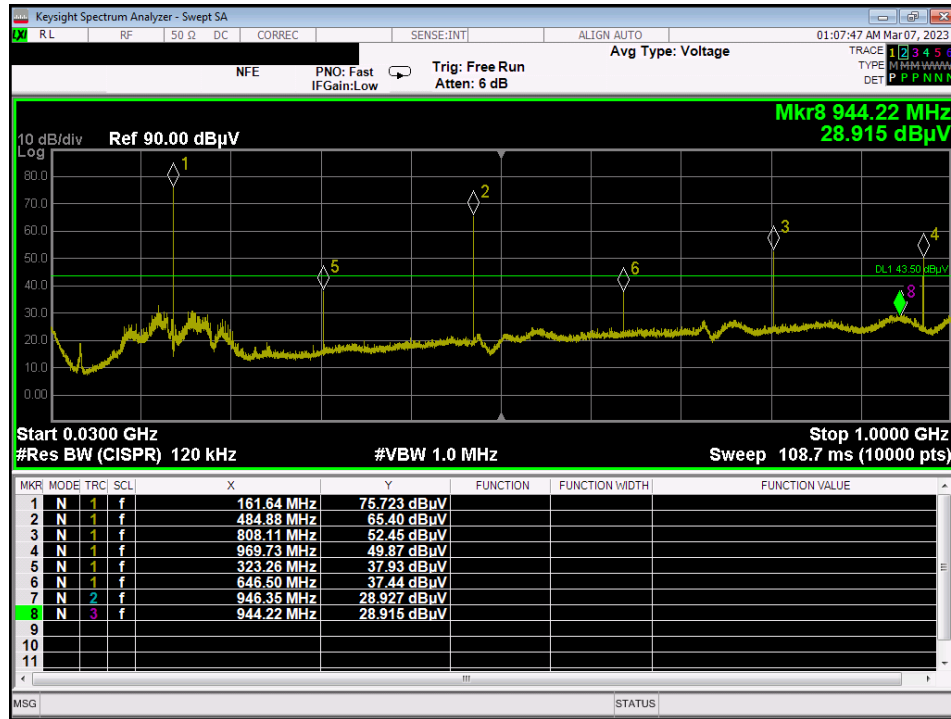
# 1\_RE\_161.625 MHz\_LMR C4FM on\_ + 2.4 GHz BT Hopping on\_30 - 1000 MHz



# 1\_RE\_161.625 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



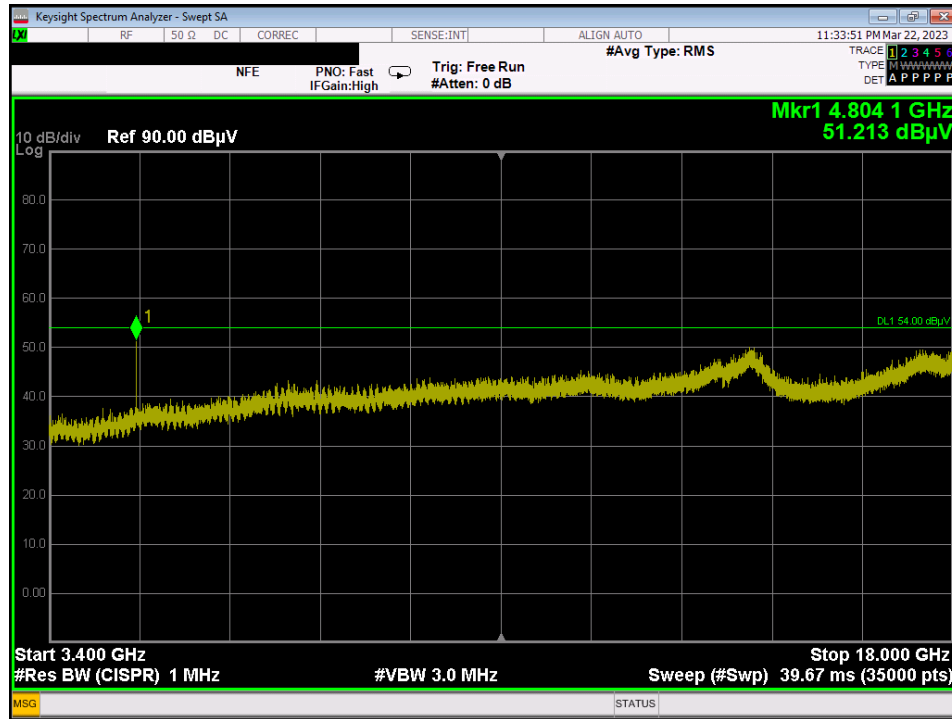
# 1\_RE\_161.625 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz



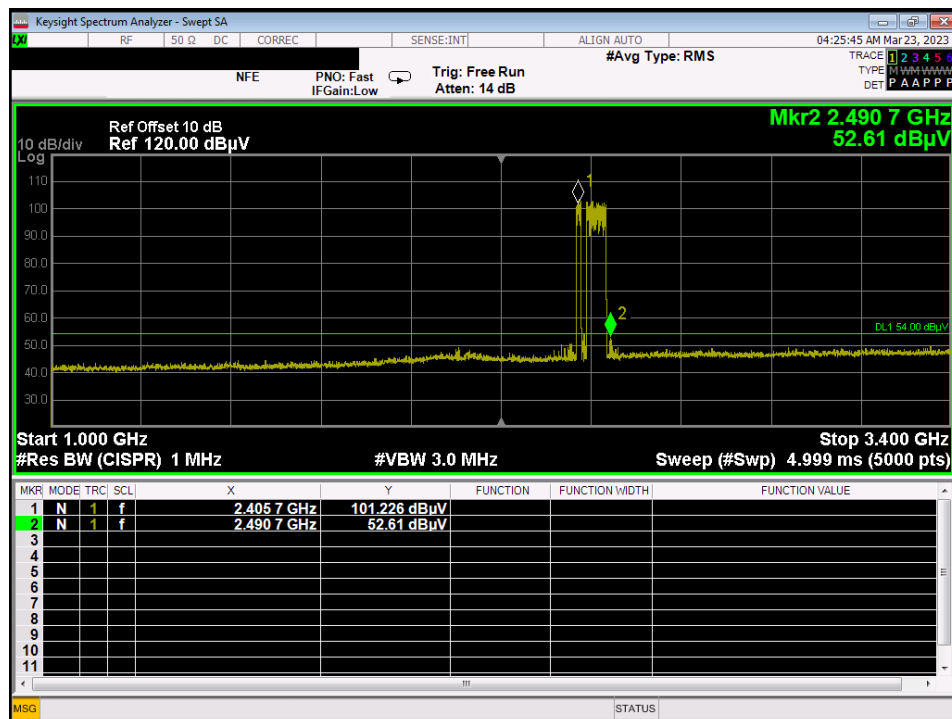
# 1\_RE\_161.625 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



# 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

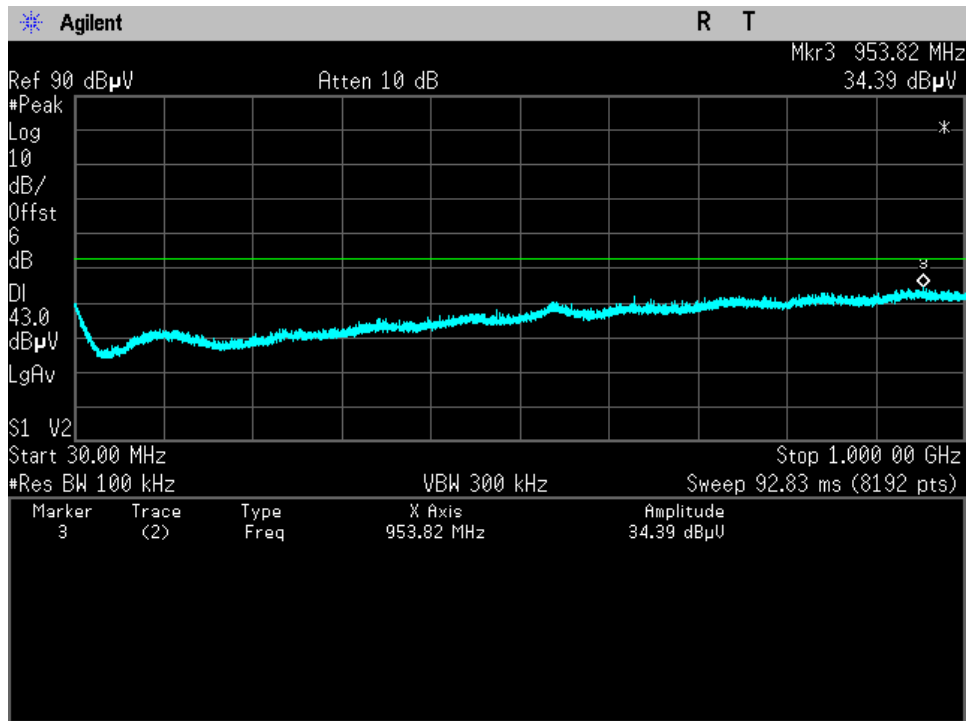




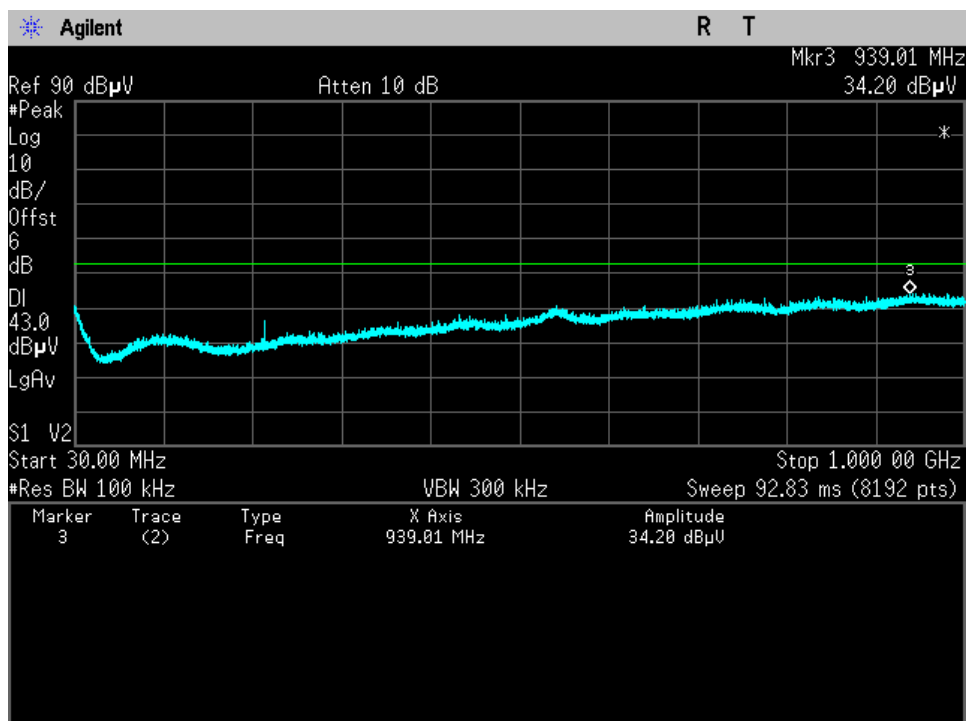




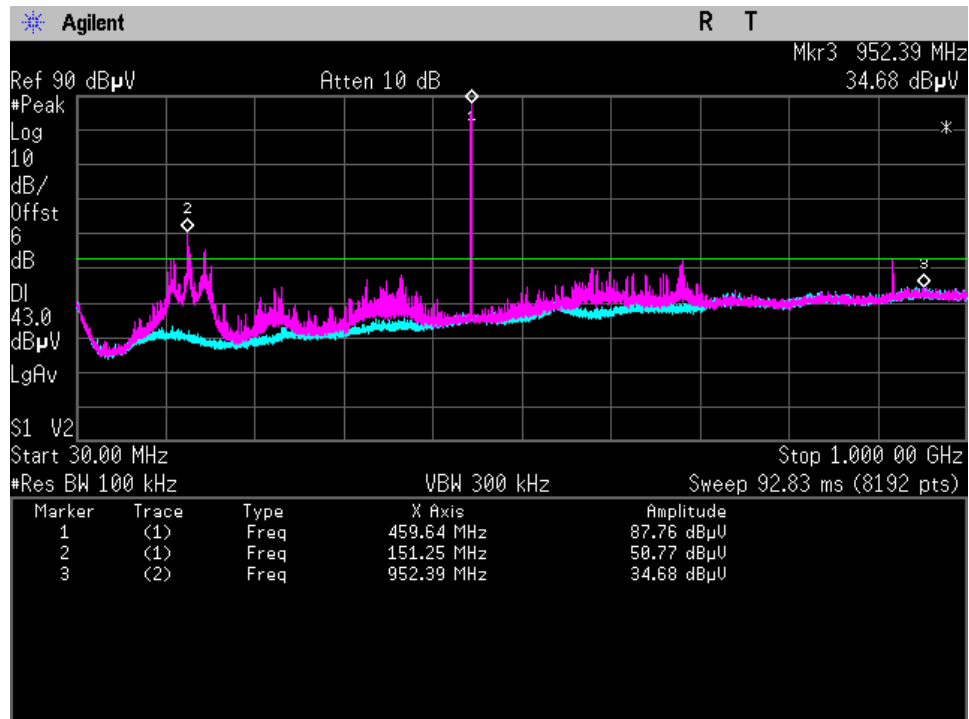
## 2\_RE\_459.65 MHz\_LMR C4FM off\_ + 2.4 GHz BT Hopping on\_30 - 1000 MHz



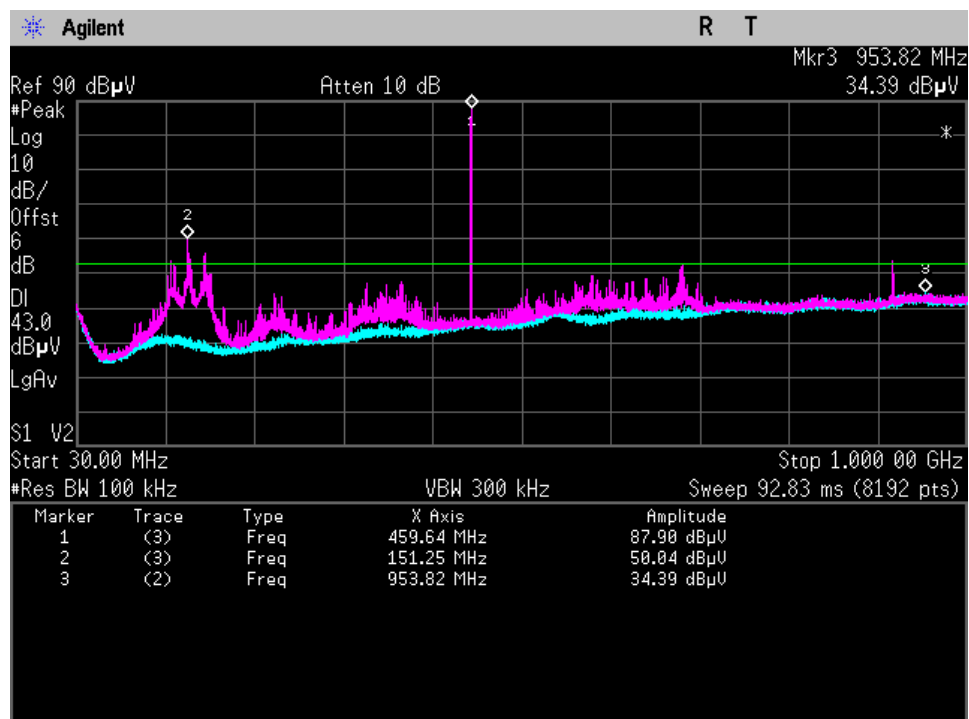
## 2\_RE\_459.65 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



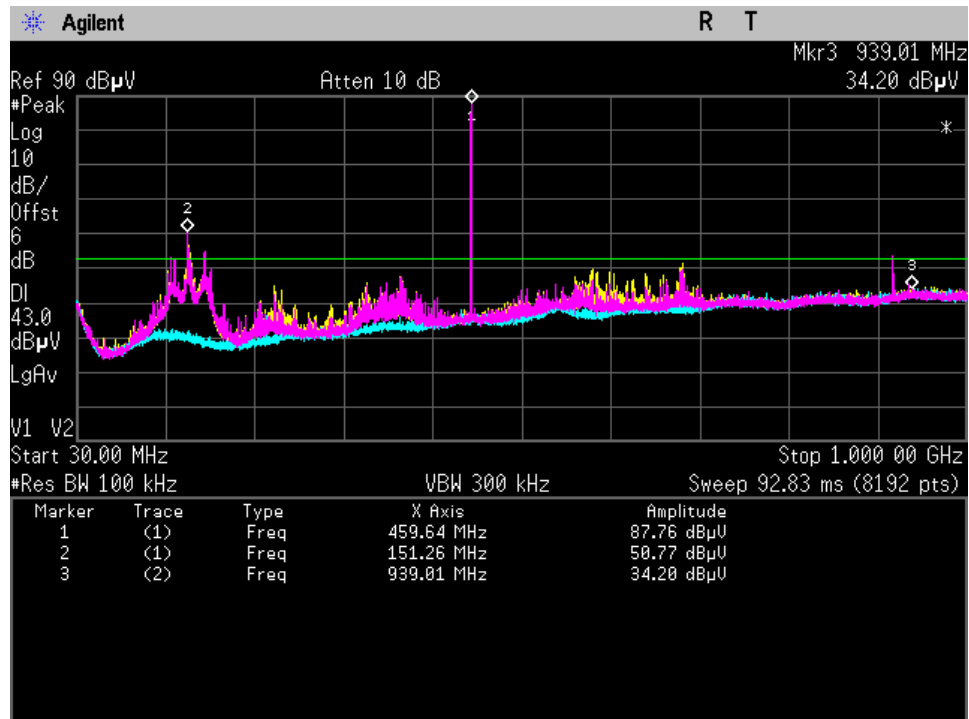
## 2\_RE\_459.65 MHz\_LMR C4FM on\_ + 2.4 GHz BT BR on\_30 - 1000 MHz



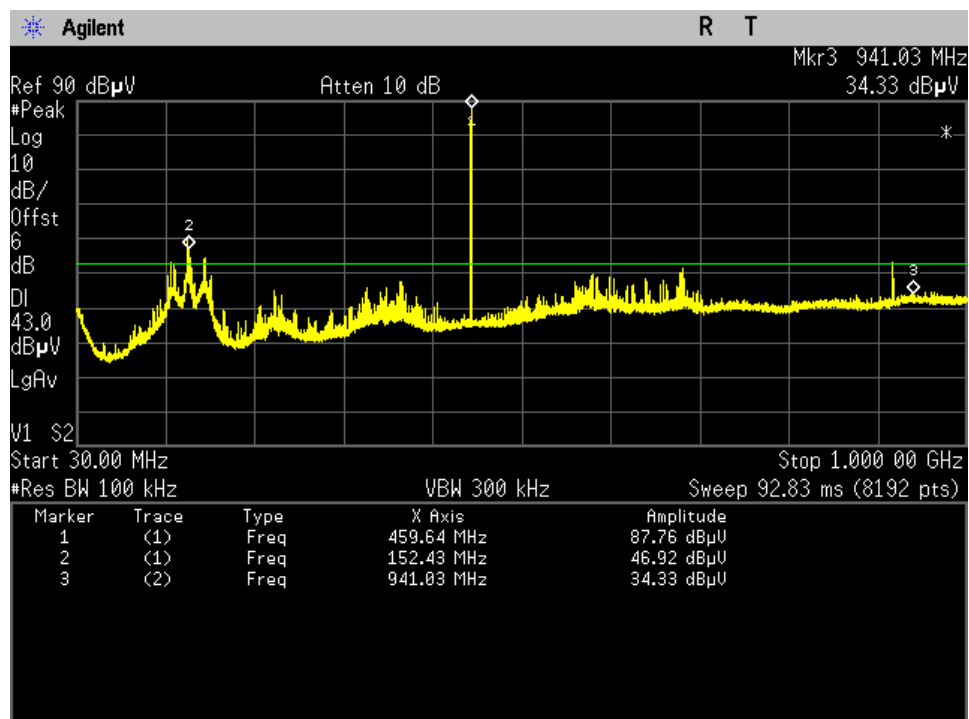
## 2\_RE\_459.65 MHz\_LMR C4FM on\_ + 2.4 GHz BT Hopping on\_30 - 1000 MHz



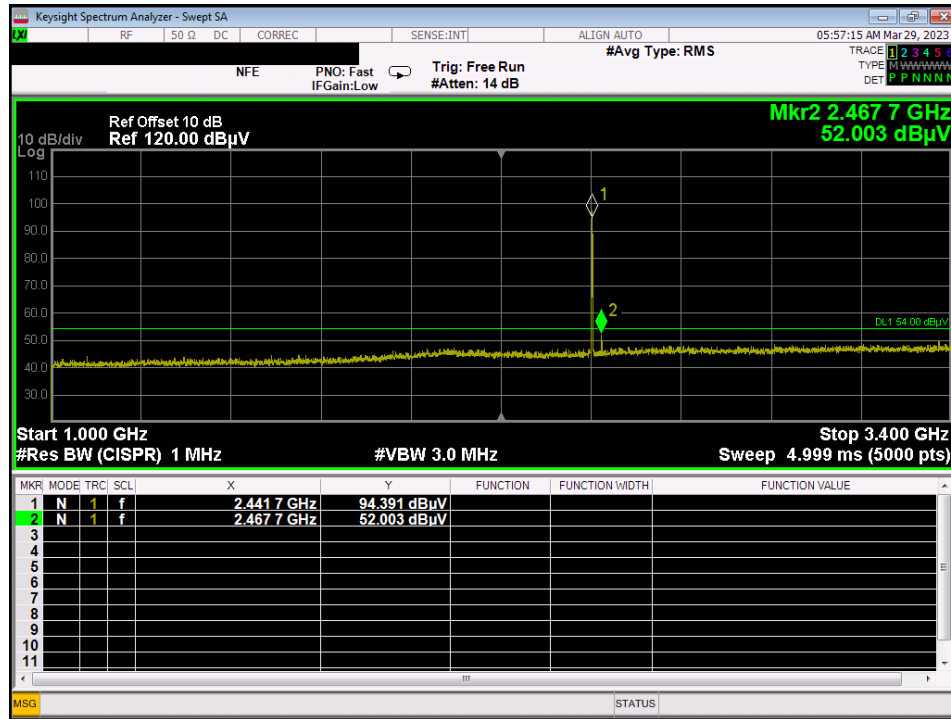
## 2\_RE\_459.65 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



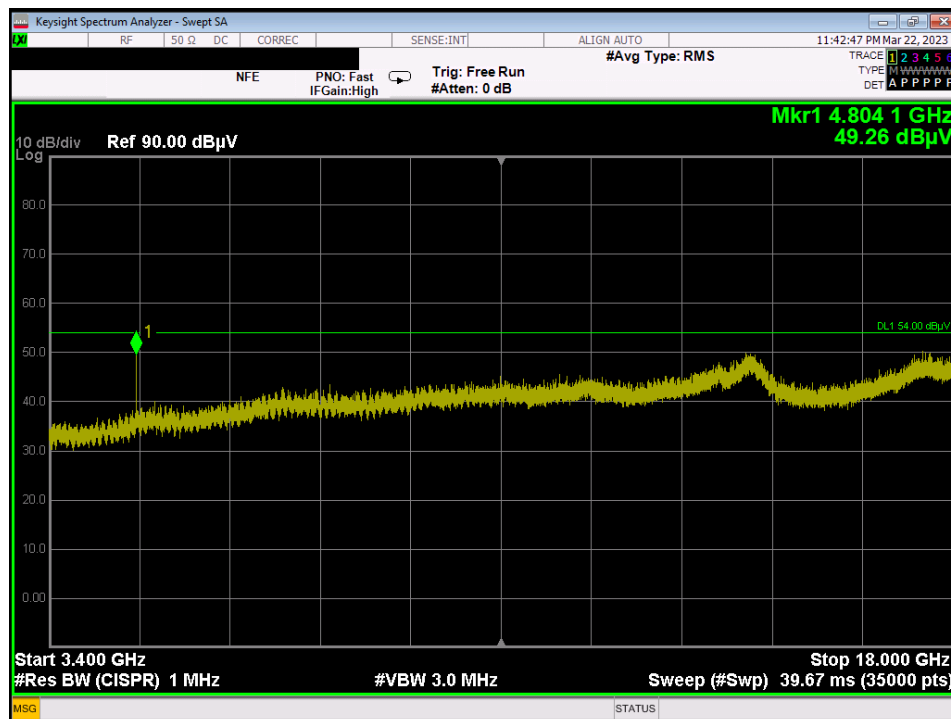
## 2\_RE\_459.65 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz



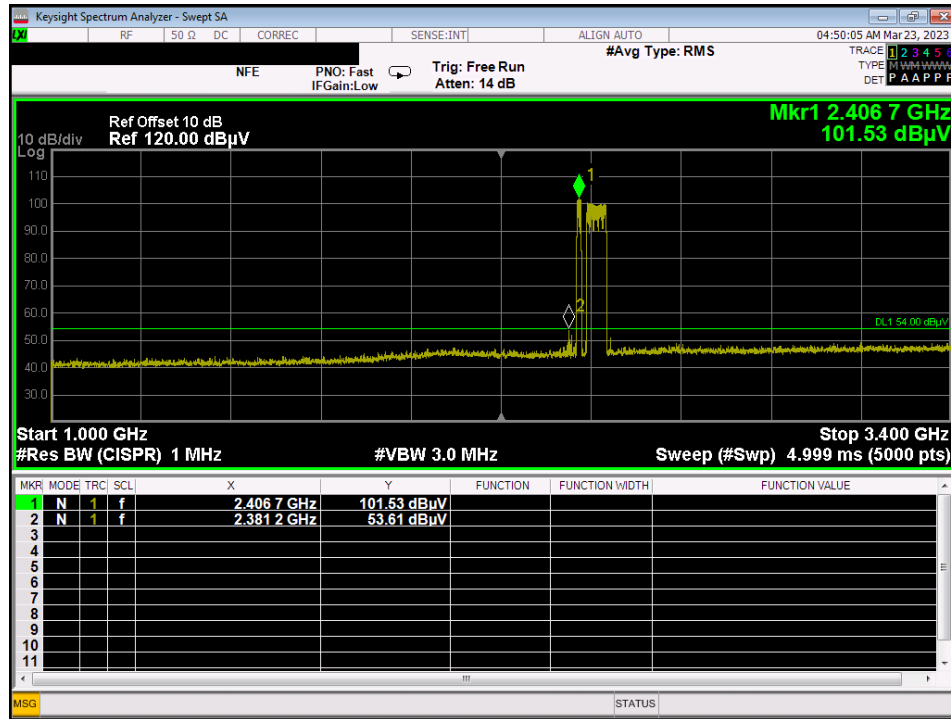
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



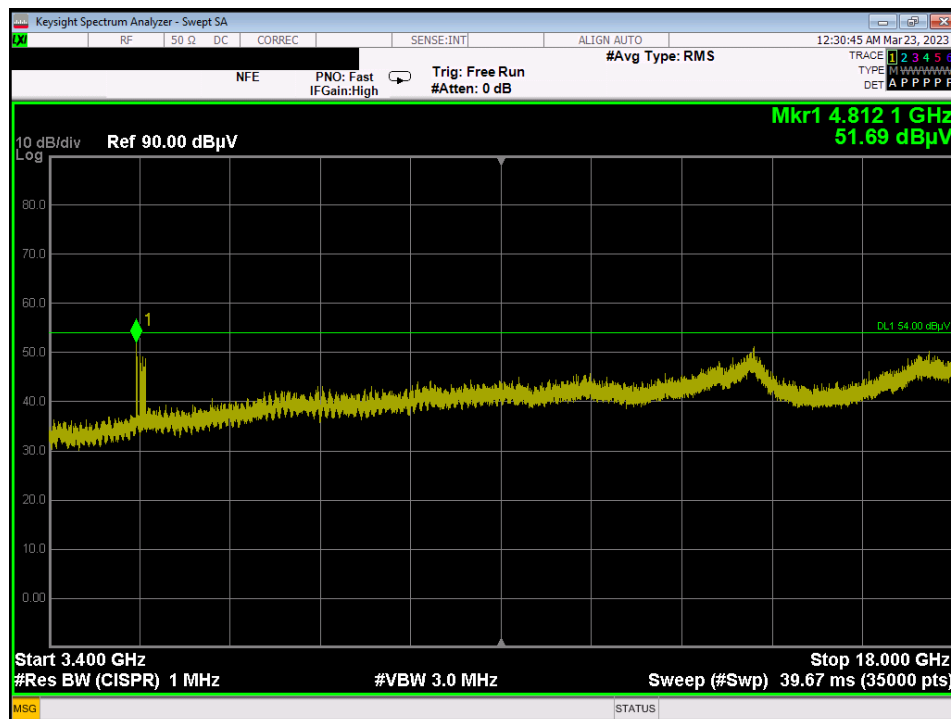
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_3.4 - 18 GHz



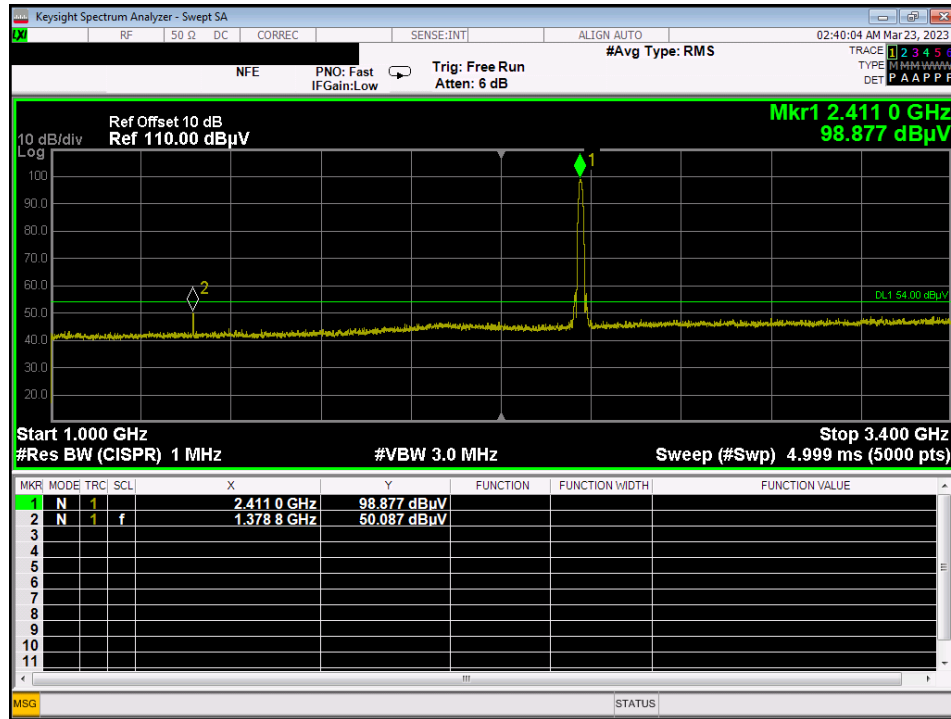
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_1 - 3.4 GHz



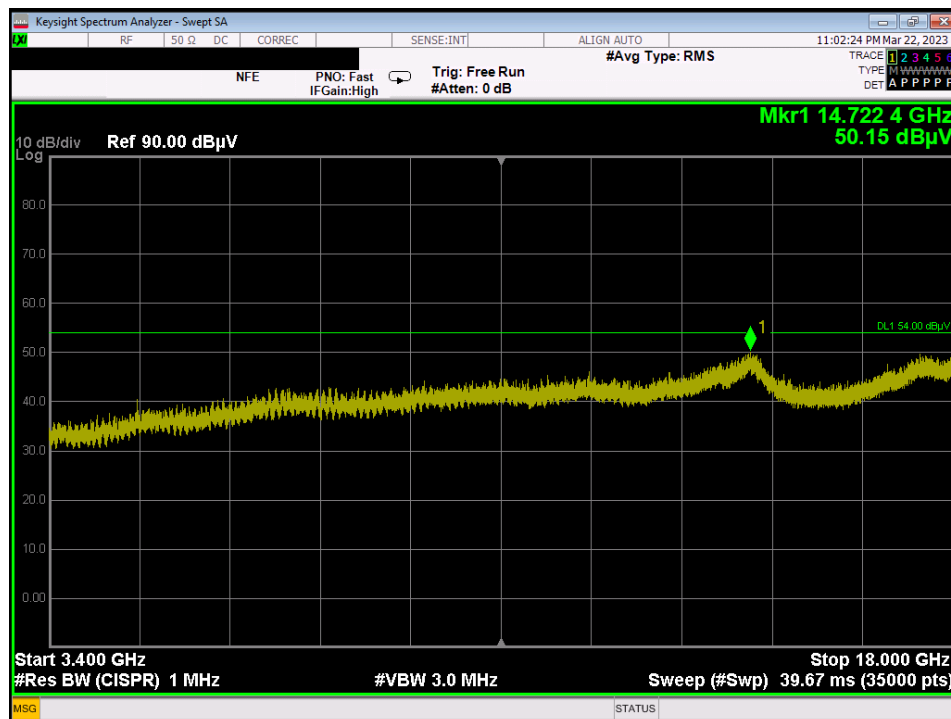
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_3.4 - 18 GHz



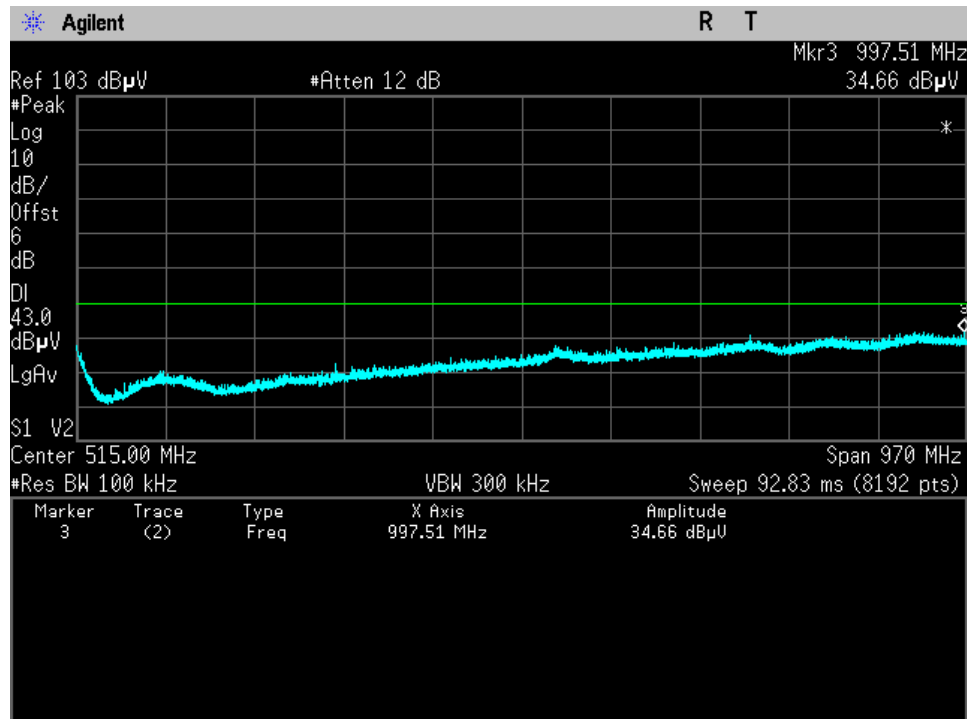
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_1 - 3.4 GHz



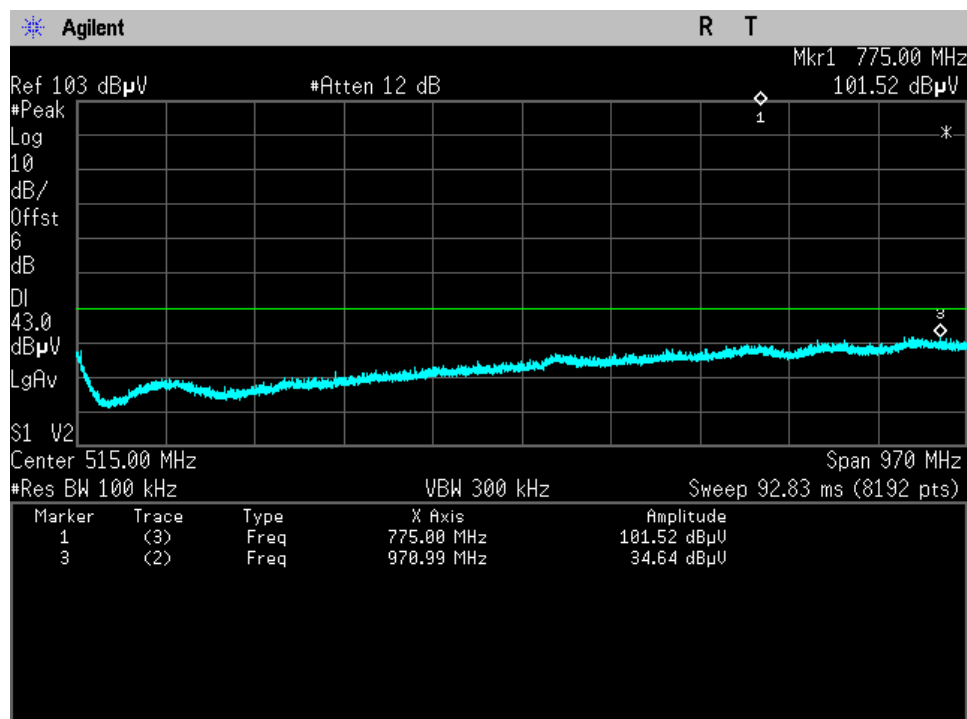
## 2\_RE\_459.65 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_3.4 - 18 GHz



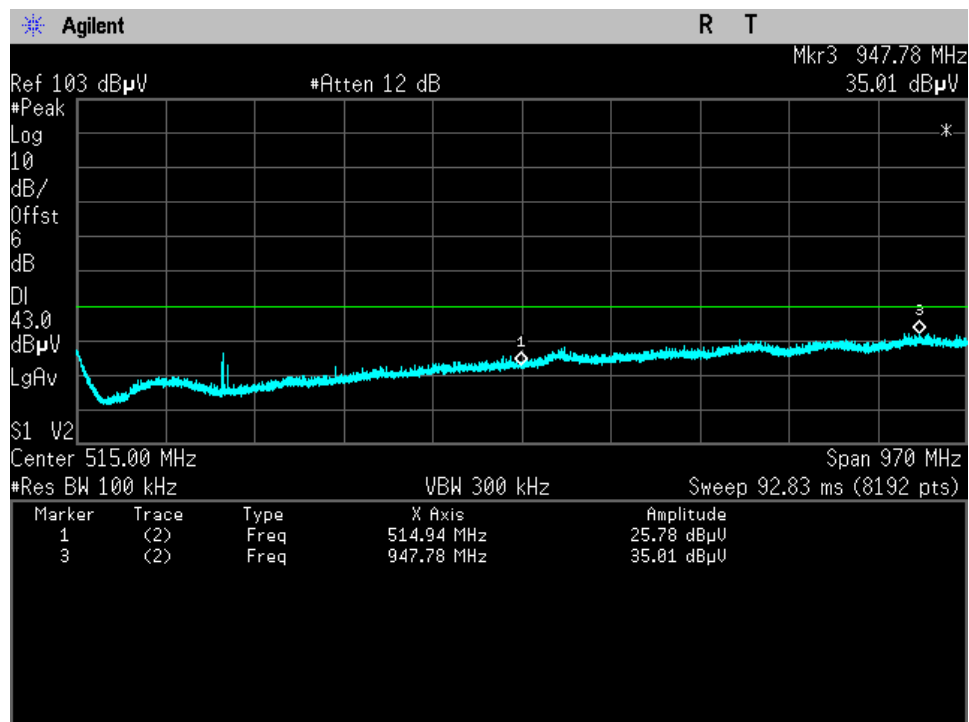
### 3\_RE\_774.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT BR on\_30 - 1000 M



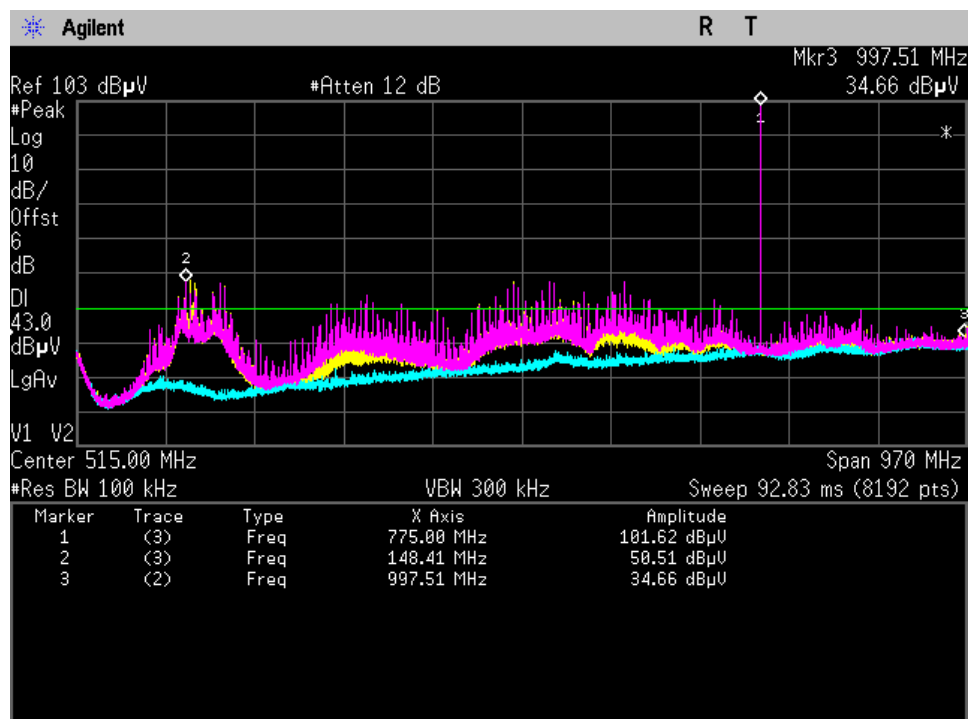
### 3\_RE\_774.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT hopping\_30 - 1000



### 3\_RE\_774.975 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 MH

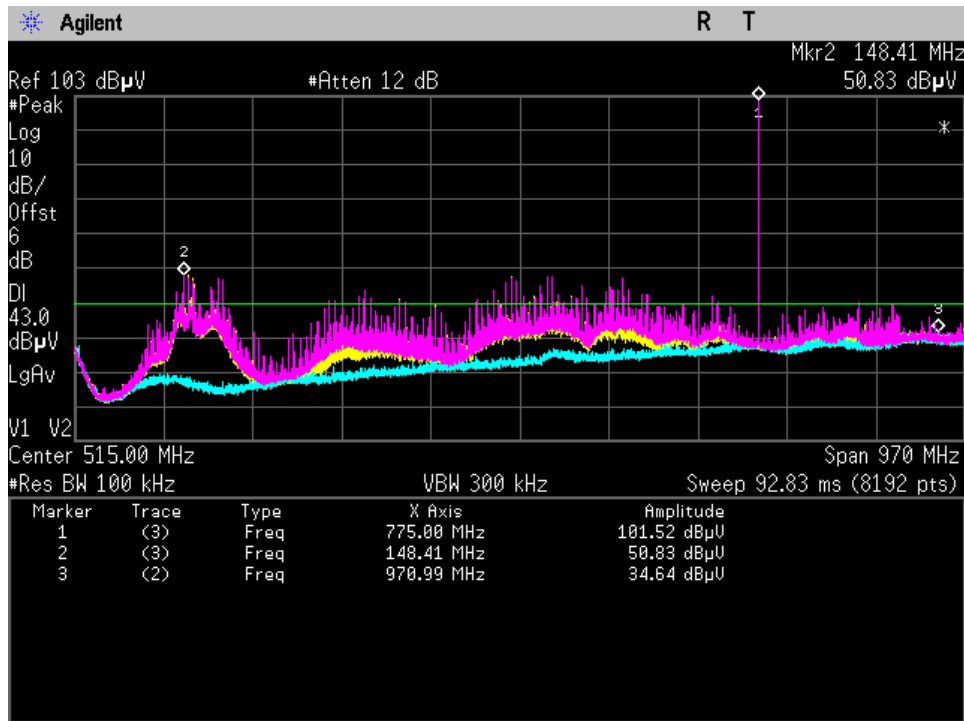


### 3\_RE\_774.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT BR on\_30 - 1000 MH

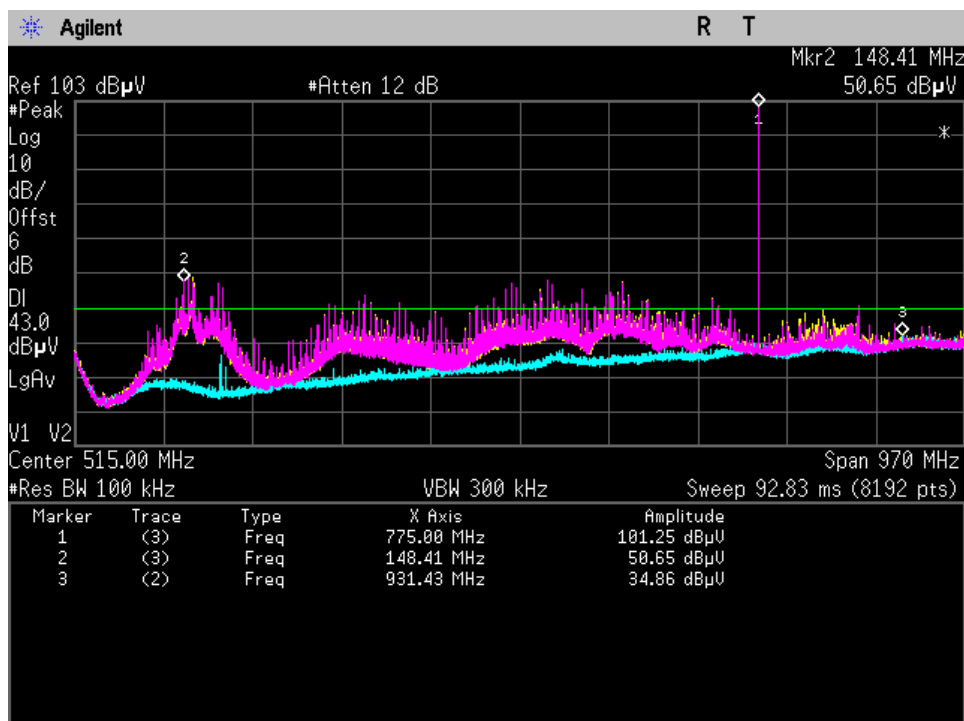




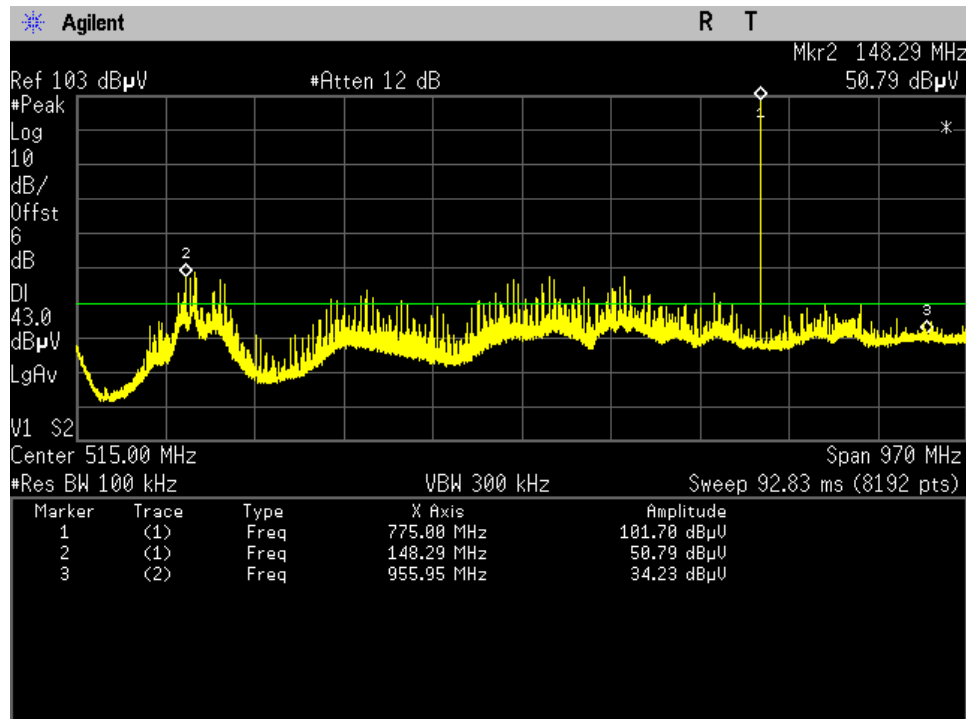
### 3\_RE\_774.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT hopping\_30 - 1000



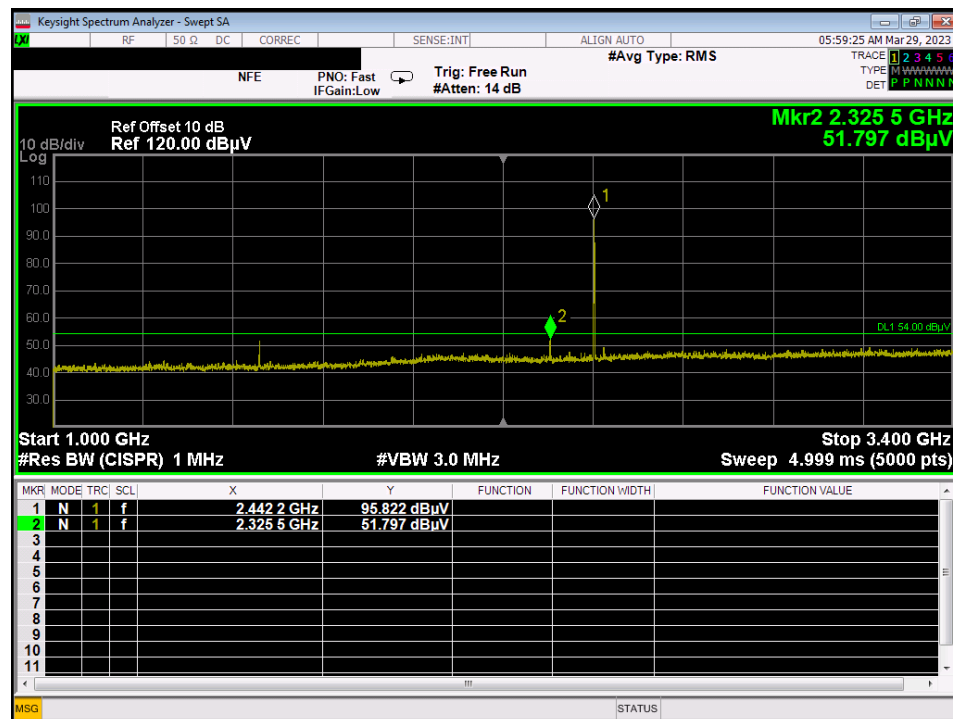
### 3\_RE\_774.975 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



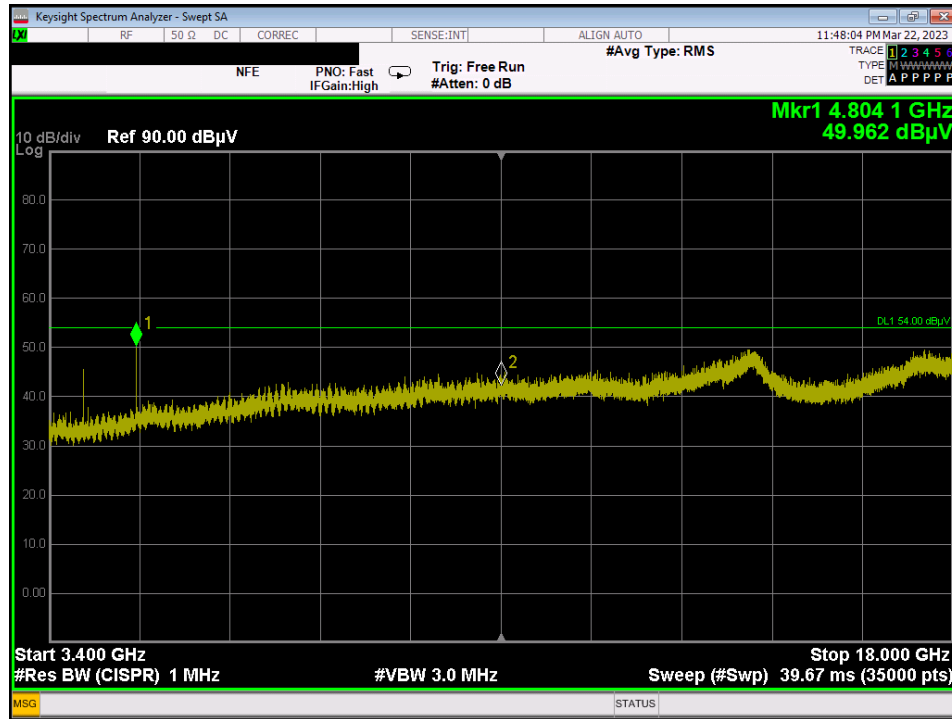
### 3\_RE\_774.975 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz



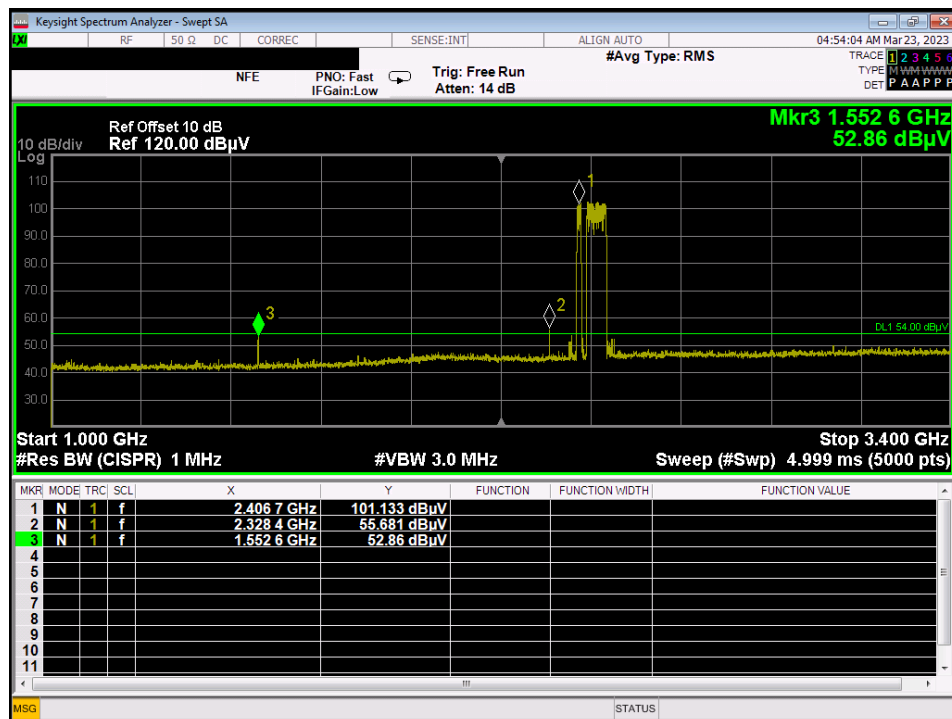
### 3\_RE\_774.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



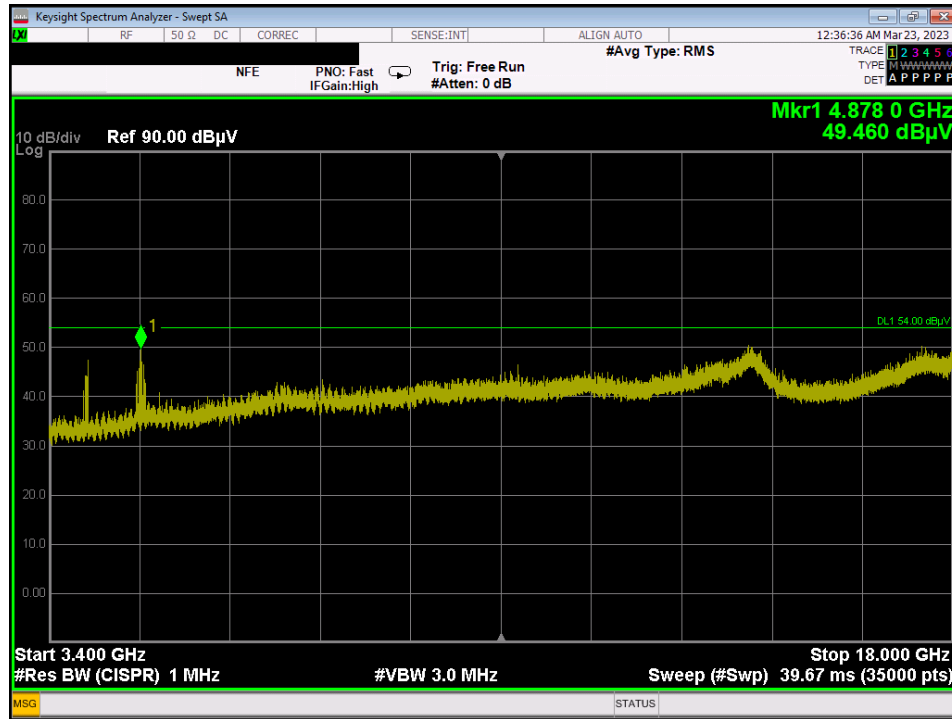
### 3\_RE\_774.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_3.4 - 18 GHz



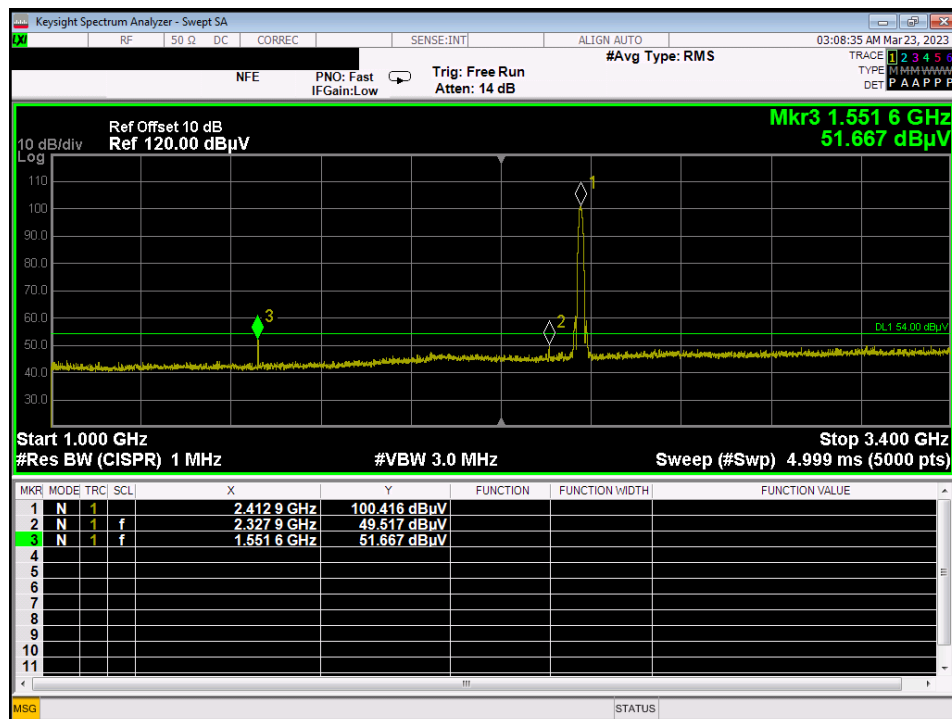
### 3\_RE\_774.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_1 - 3.4 GHz



### 3\_RE\_774.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_3.4 - 18 GHz

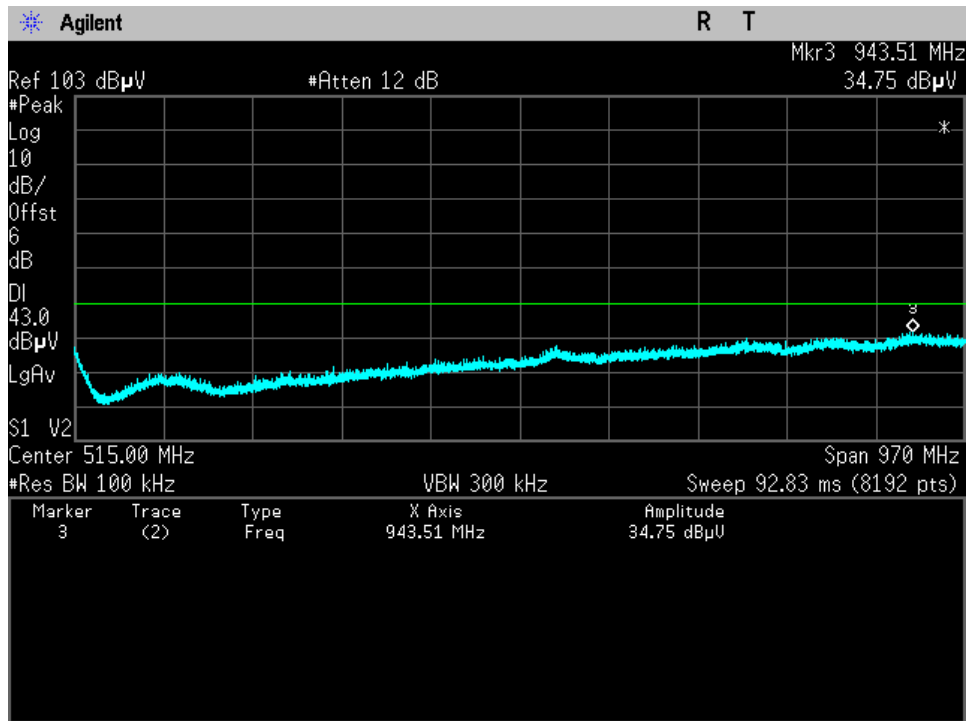


### 3\_RE\_774.975 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_1 - 3.4 GHz

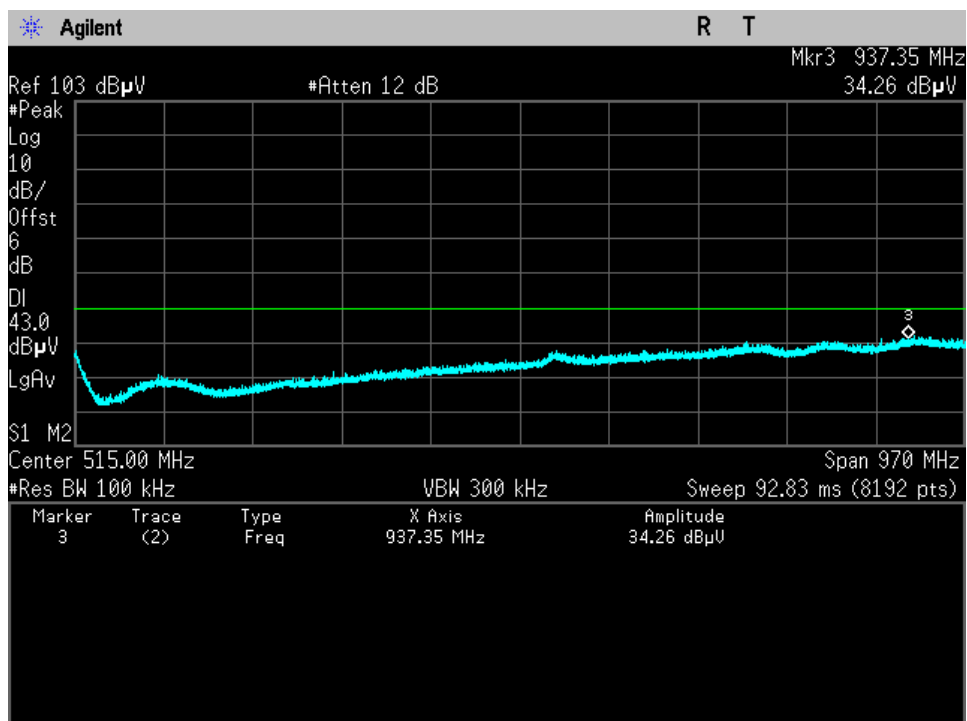




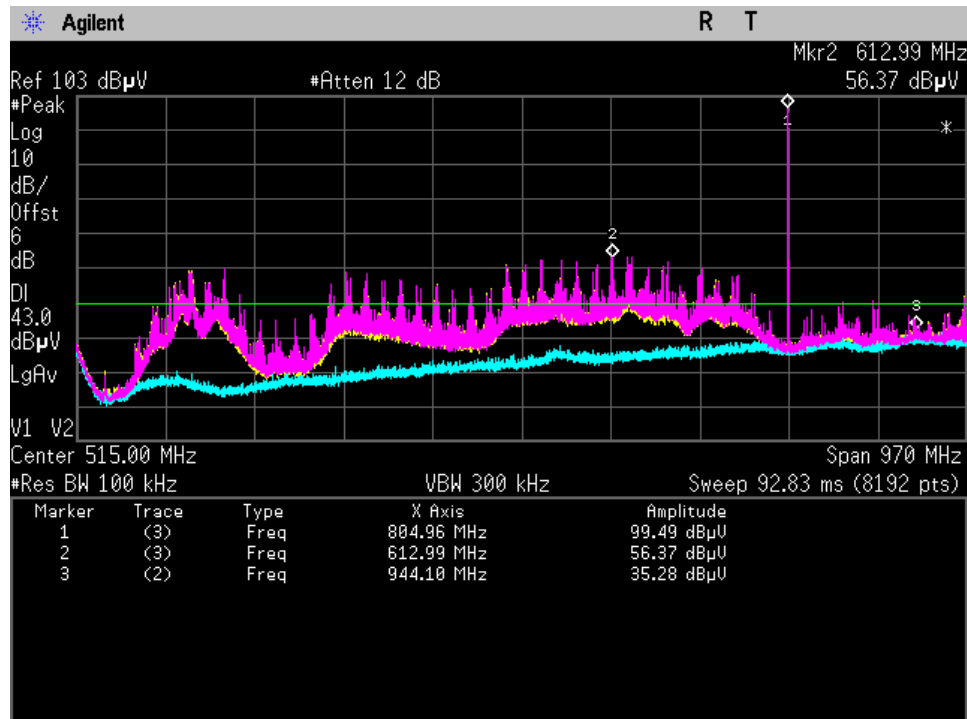
#### 4\_RE\_804.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT hopping\_30 - 100



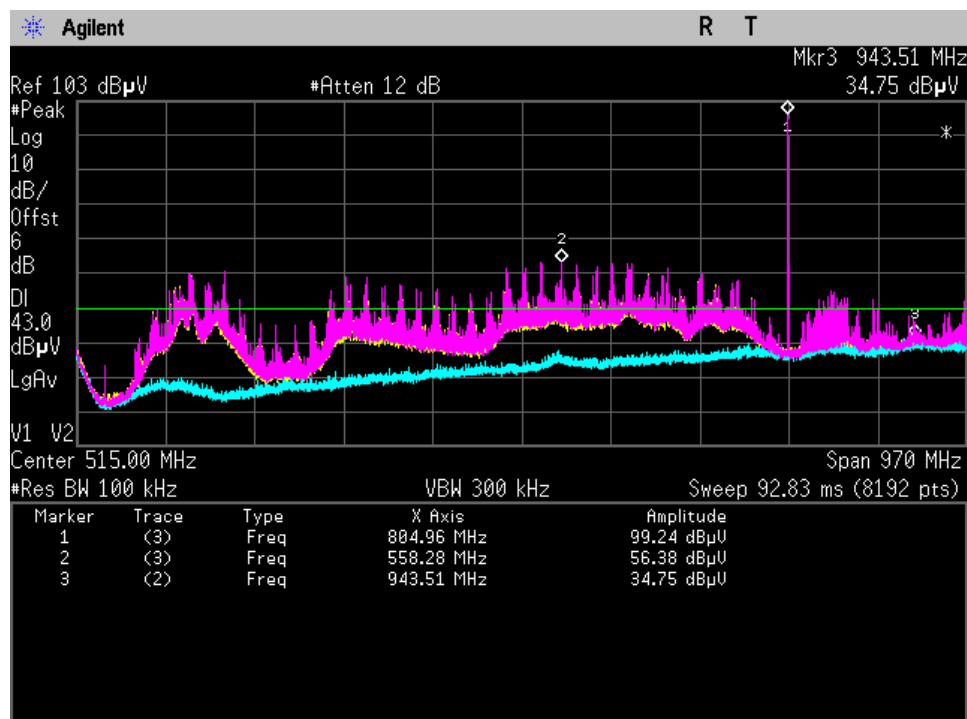
#### 4\_RE\_804.975 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 M



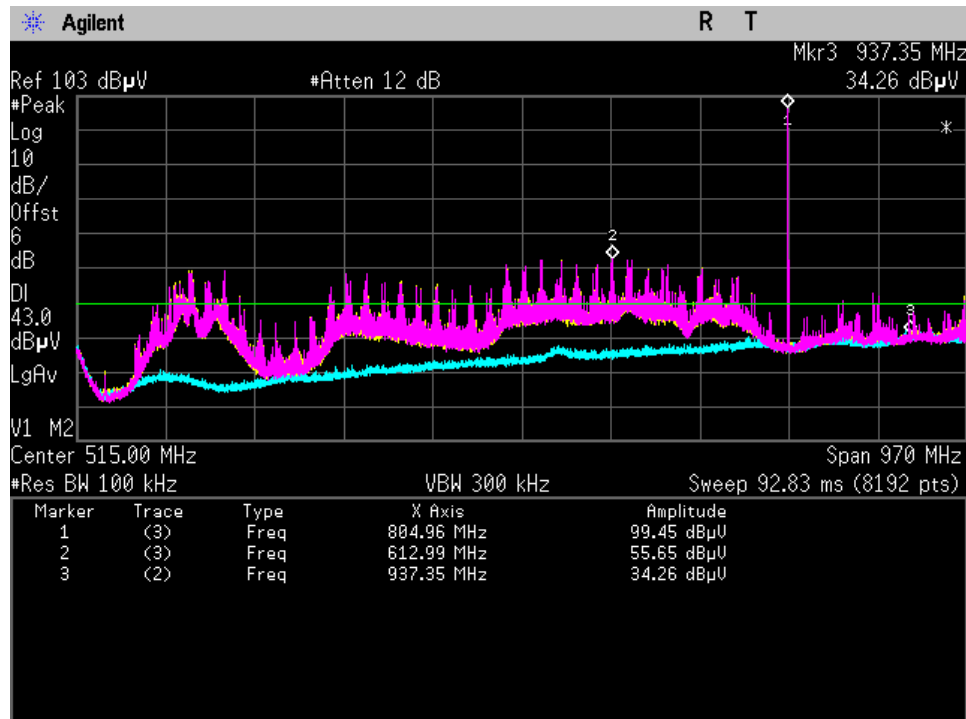
#### 4\_RE\_804.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT BR on\_30 - 1000 M



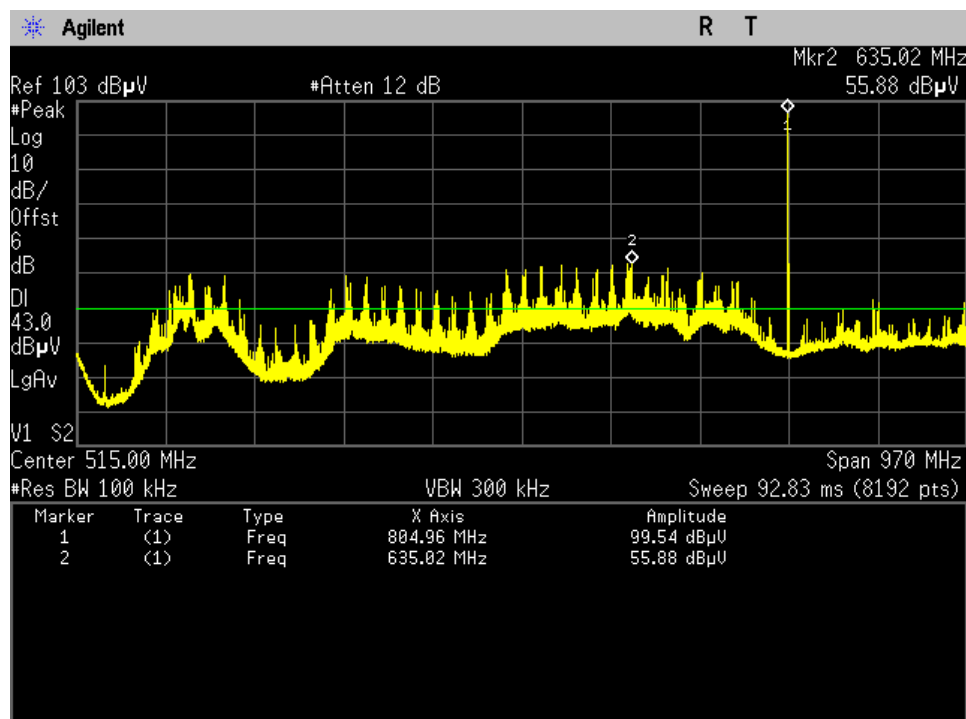
#### 4\_RE\_804.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT hopping\_30 - 1000



#### 4\_RE\_804.975 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MH

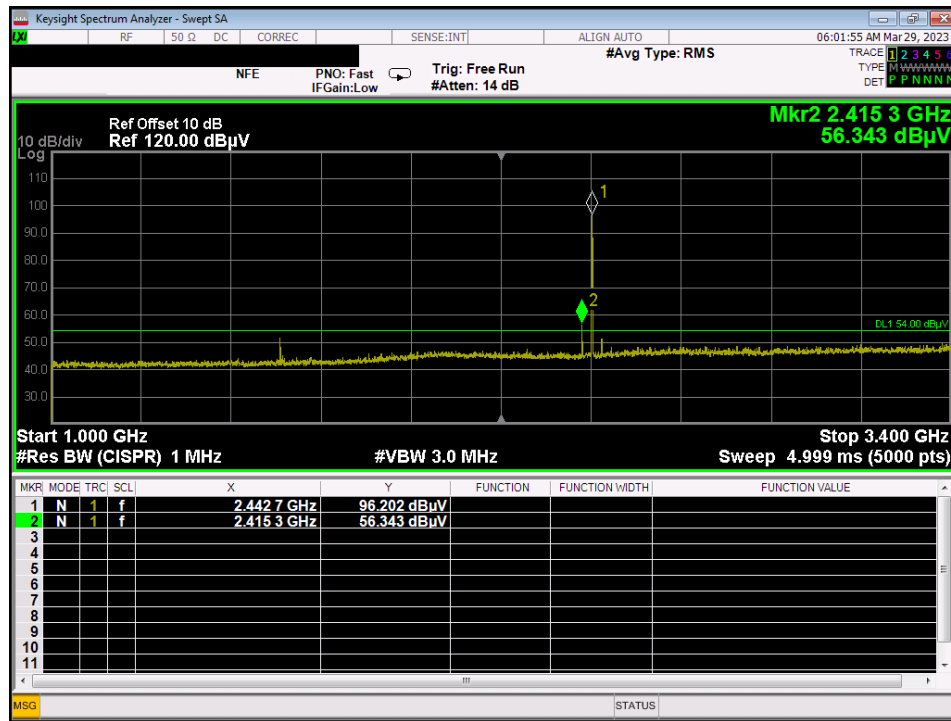


#### 4\_RE\_804.975 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz

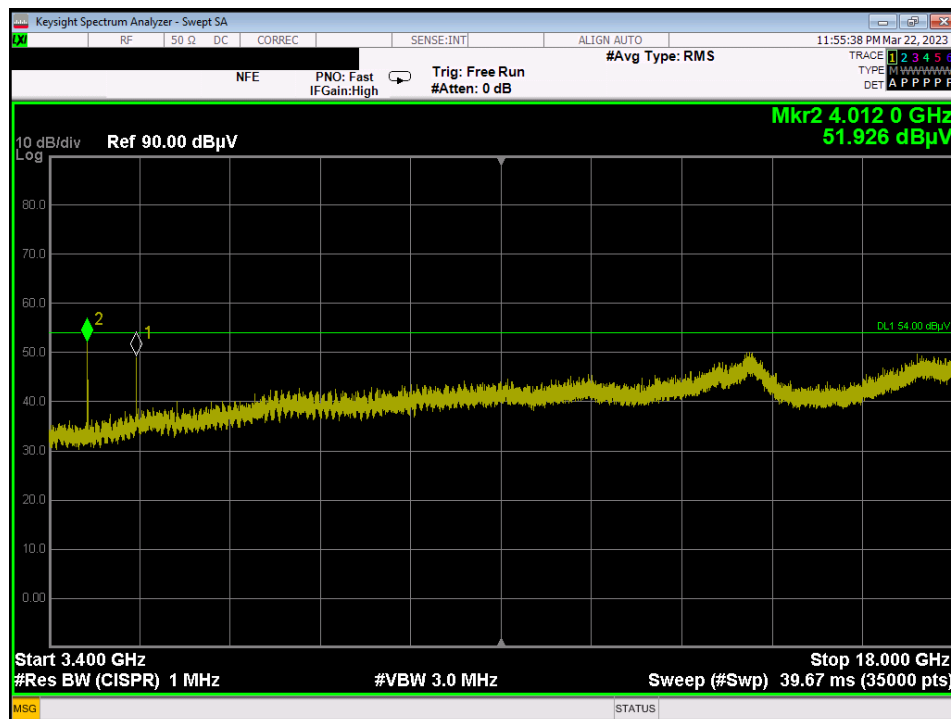




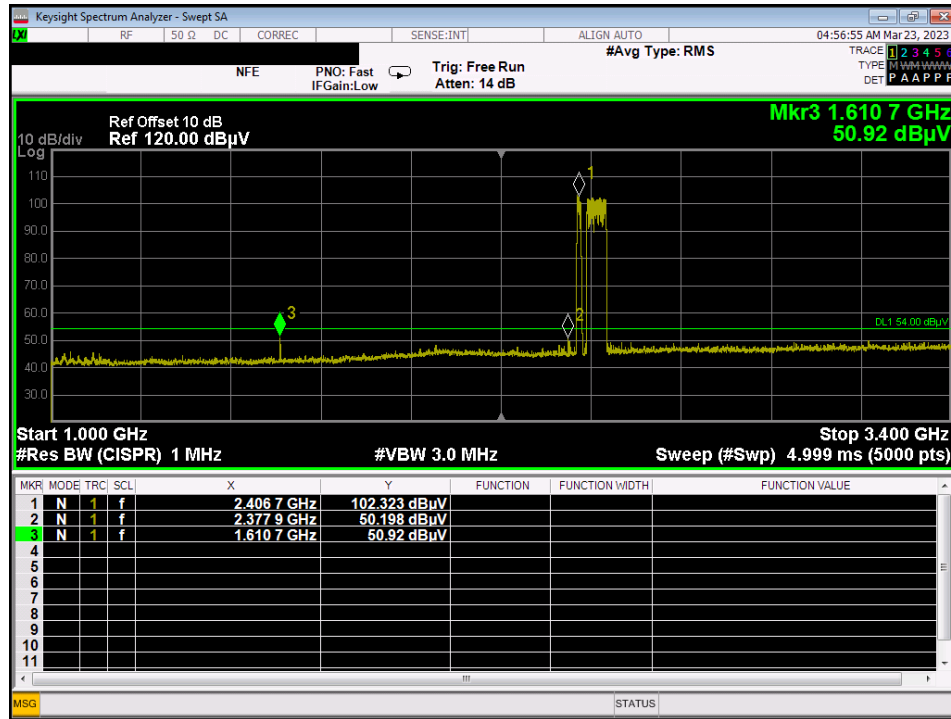
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



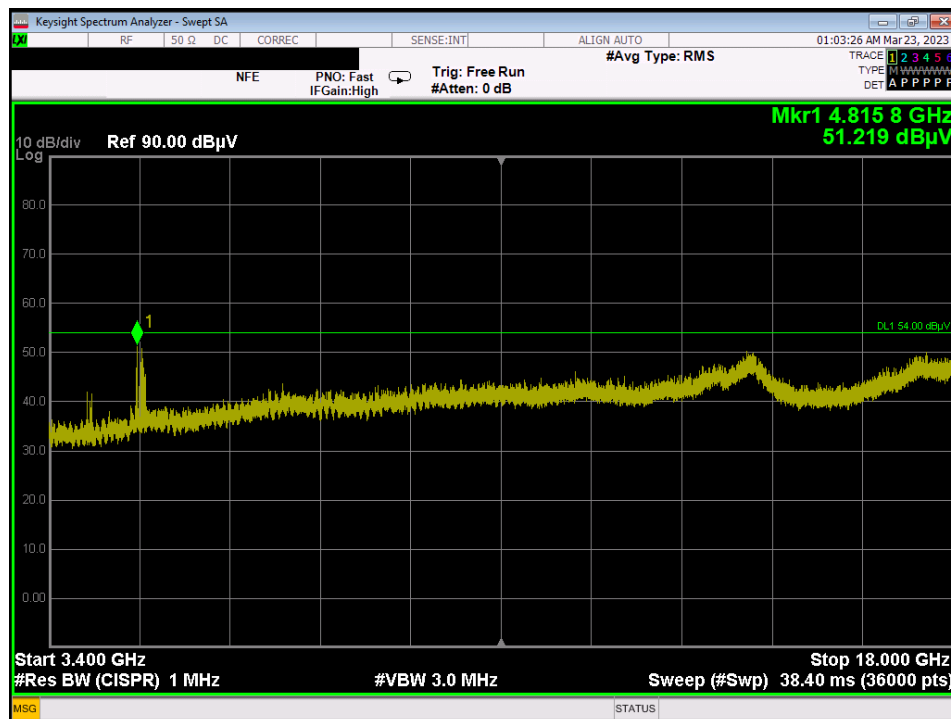
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_3.4 - 18 GHz



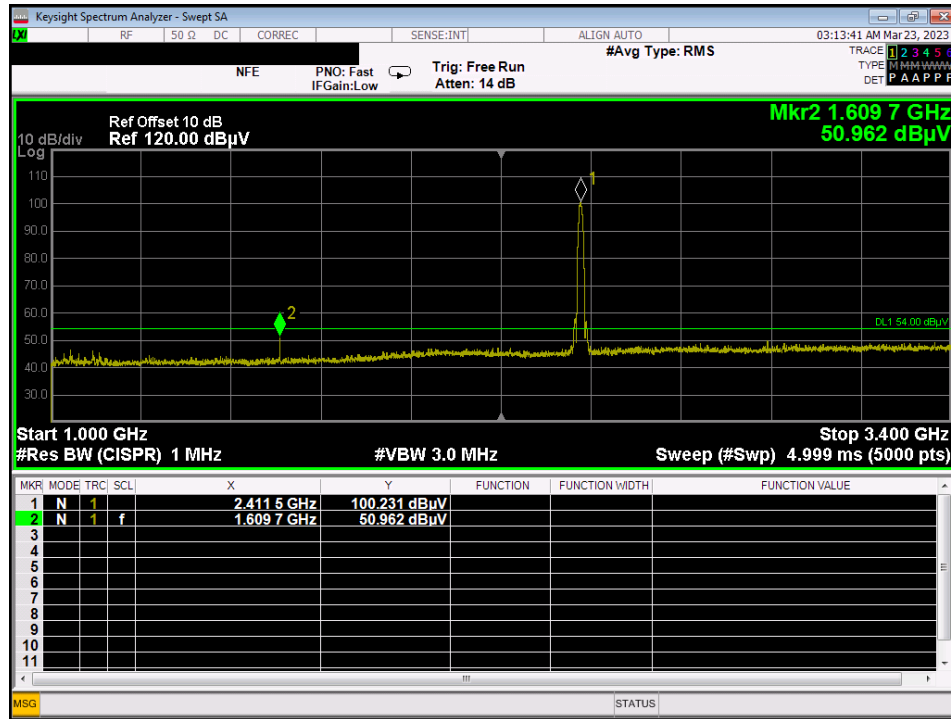
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_1 - 3.4 GHz



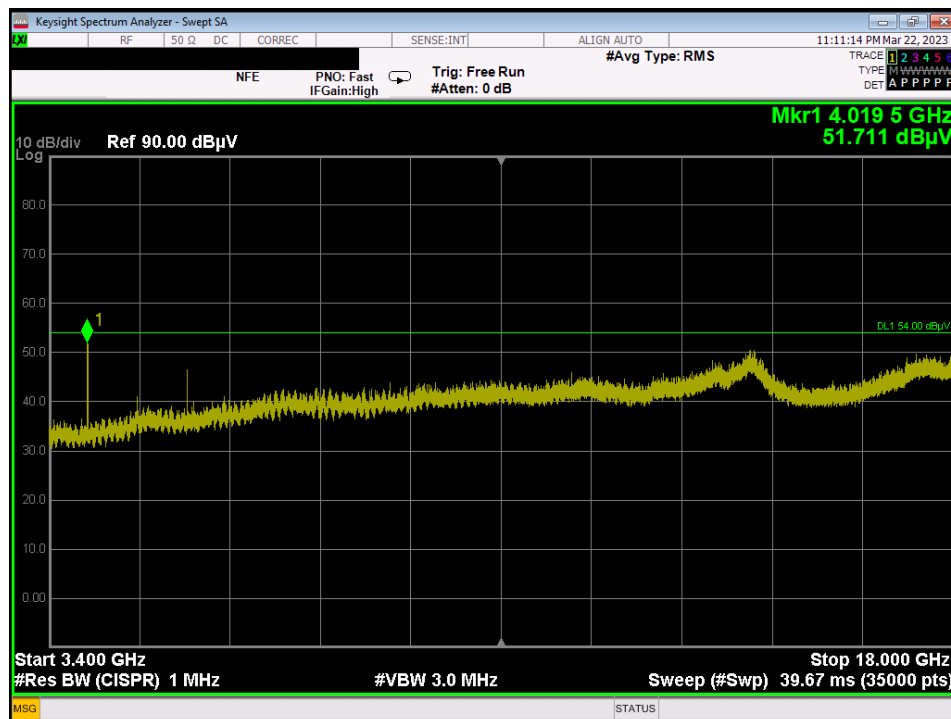
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_3.4 - 18 GHz



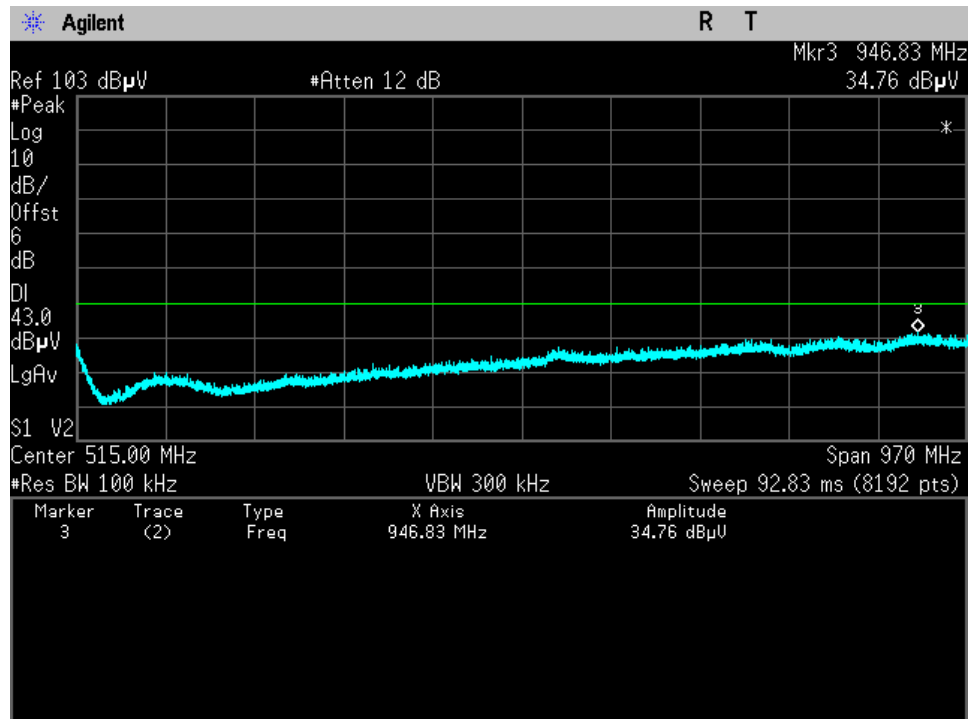
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_1 - 3.4 GHz



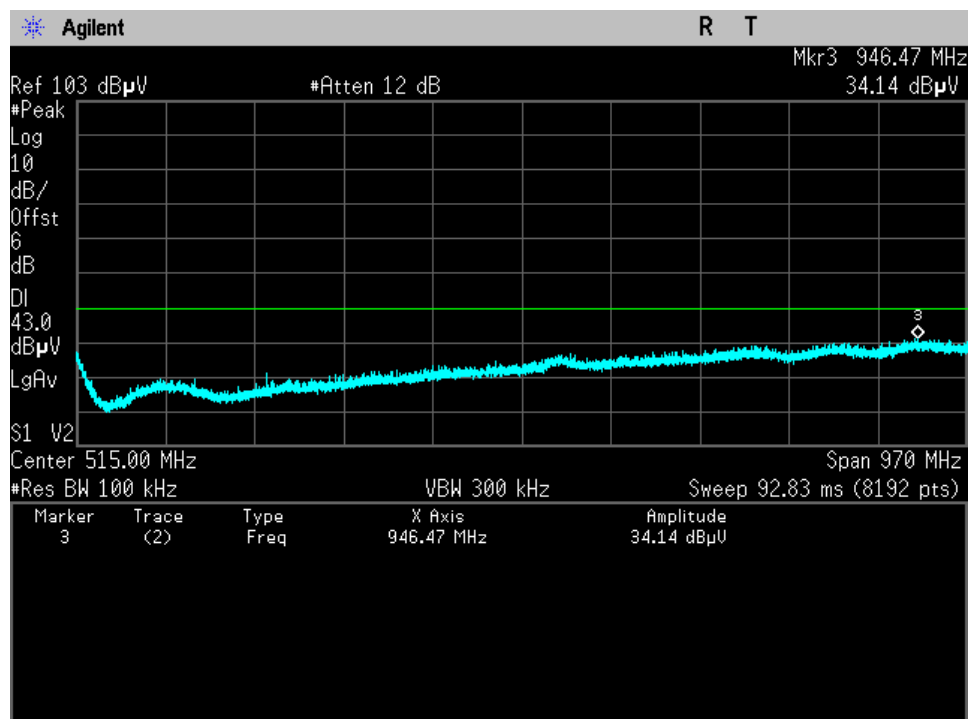
#### 4\_RE\_804.975 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_3.4 - 18 GHz



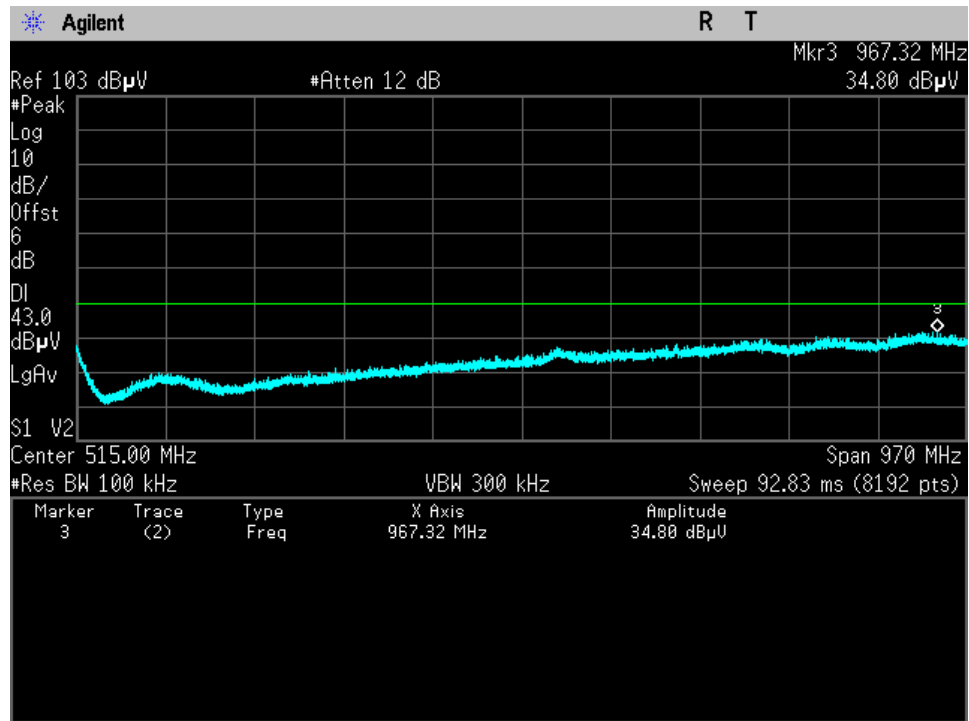
### 5\_RE\_814.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT BE on\_30 - 1000 M



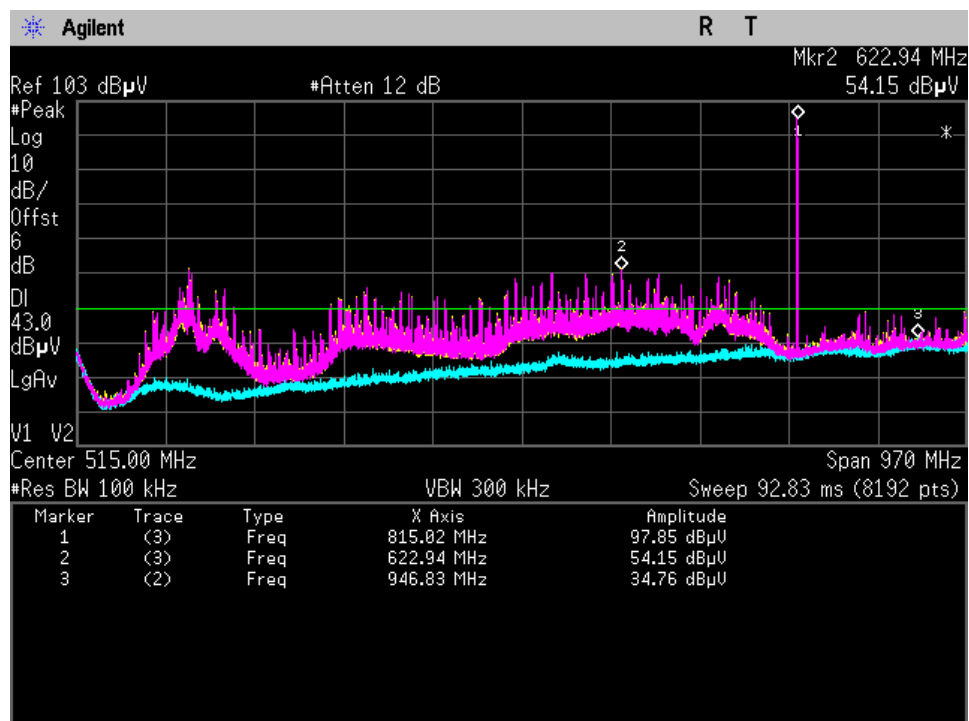
### 5\_RE\_814.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT hopping\_30 - 1000



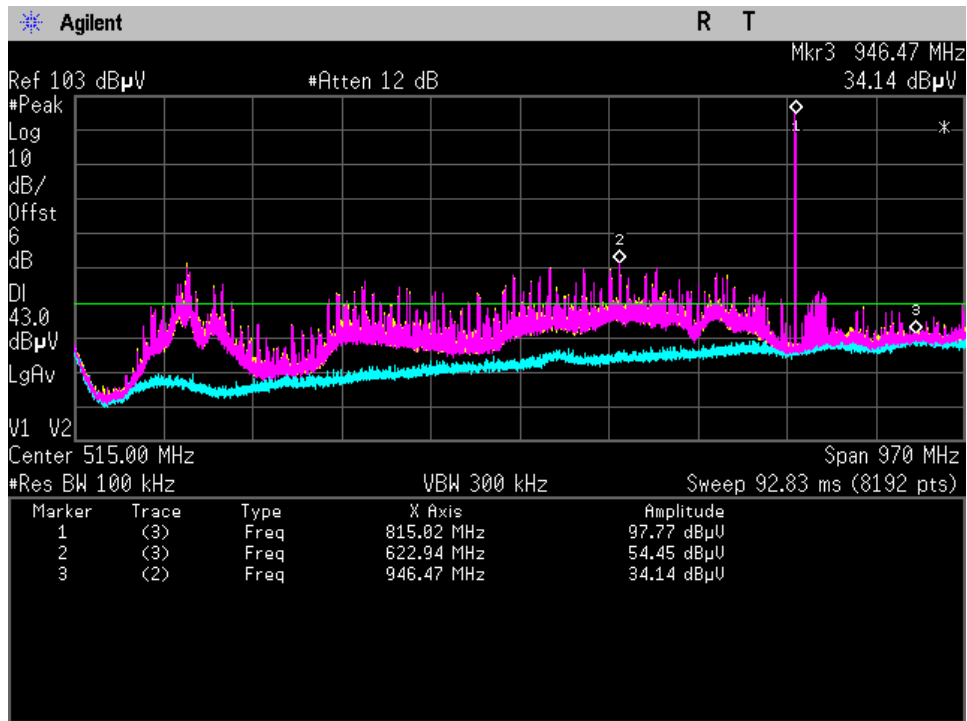
### 5\_RE\_814.975 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 MH



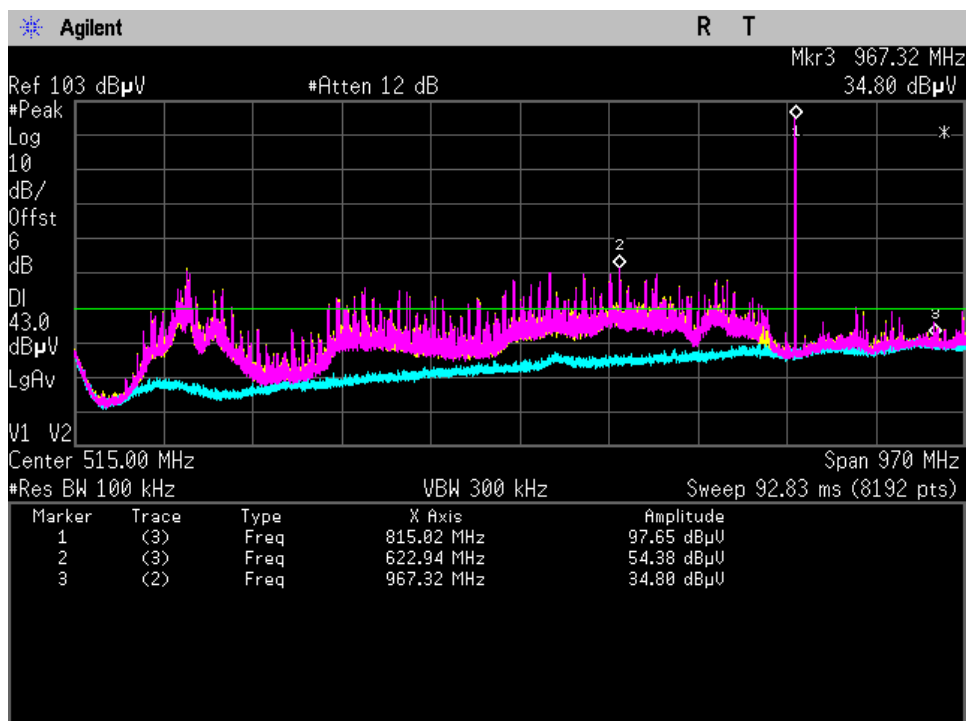
### 5\_RE\_814.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT BE on\_30 - 1000 MH



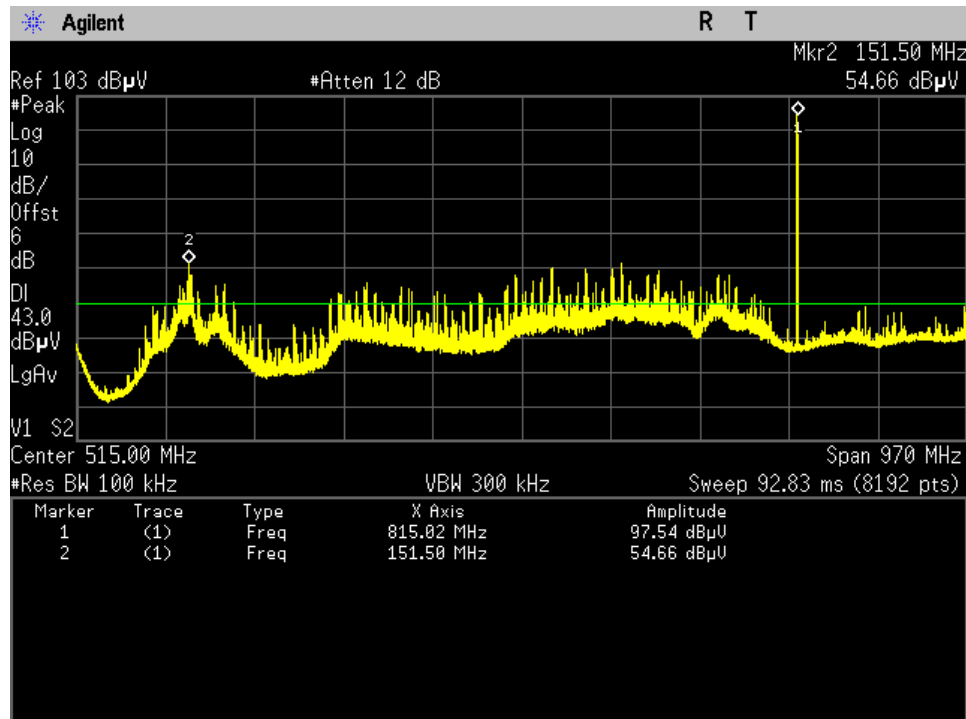
### 5\_RE\_814.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT hopping\_30 - 1000



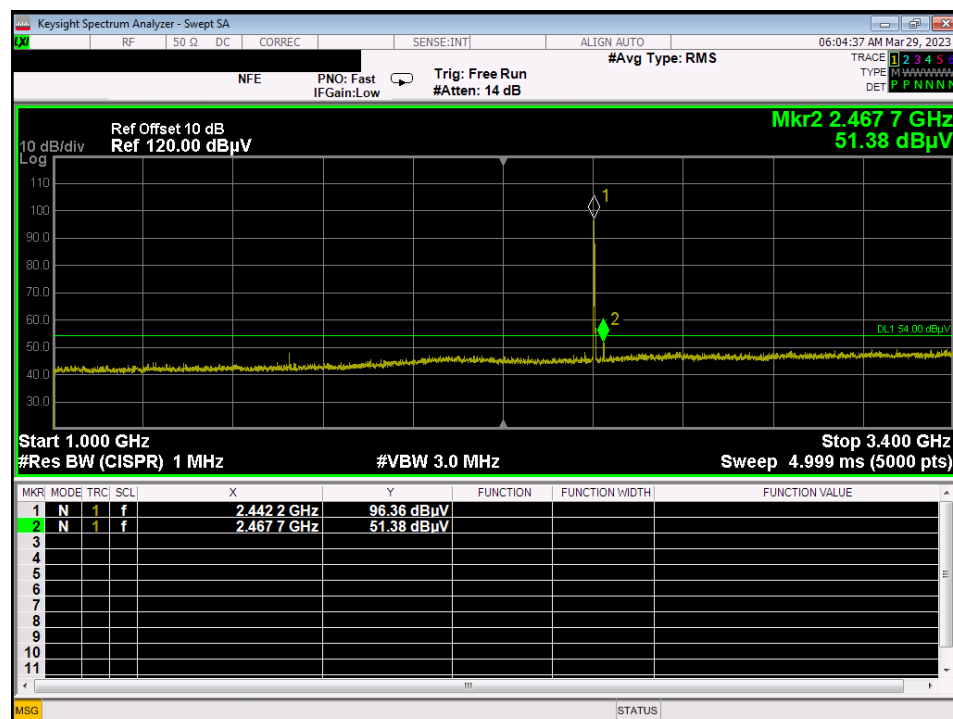
### 5\_RE\_814.975 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MHz



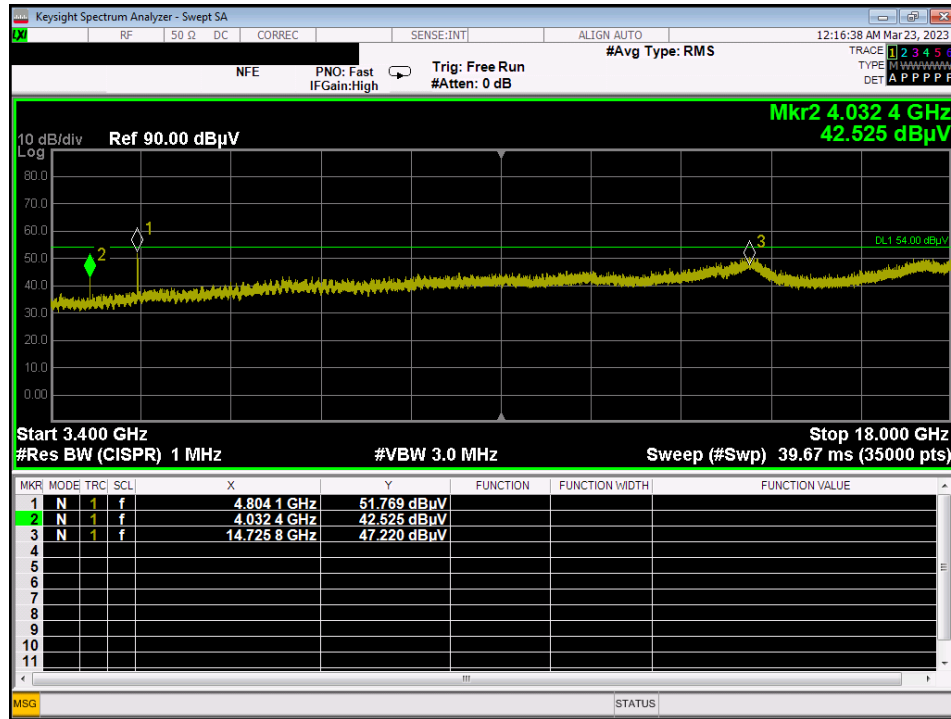
### 5\_RE\_814.975 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz



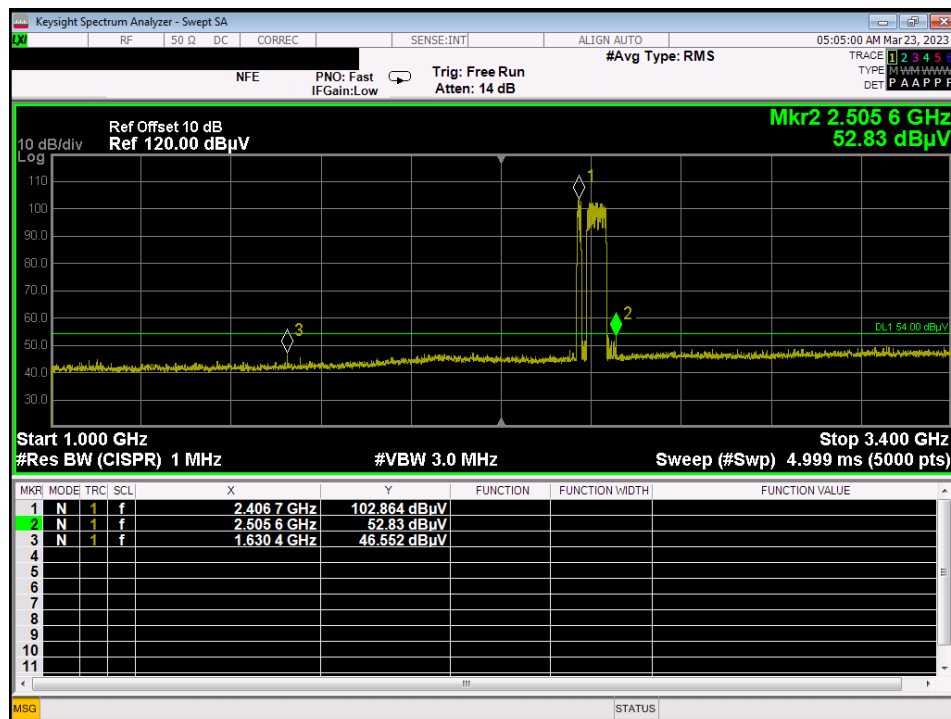
### 5\_RE\_814.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



## 5\_RE\_814.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_3.4 - 18 GHz

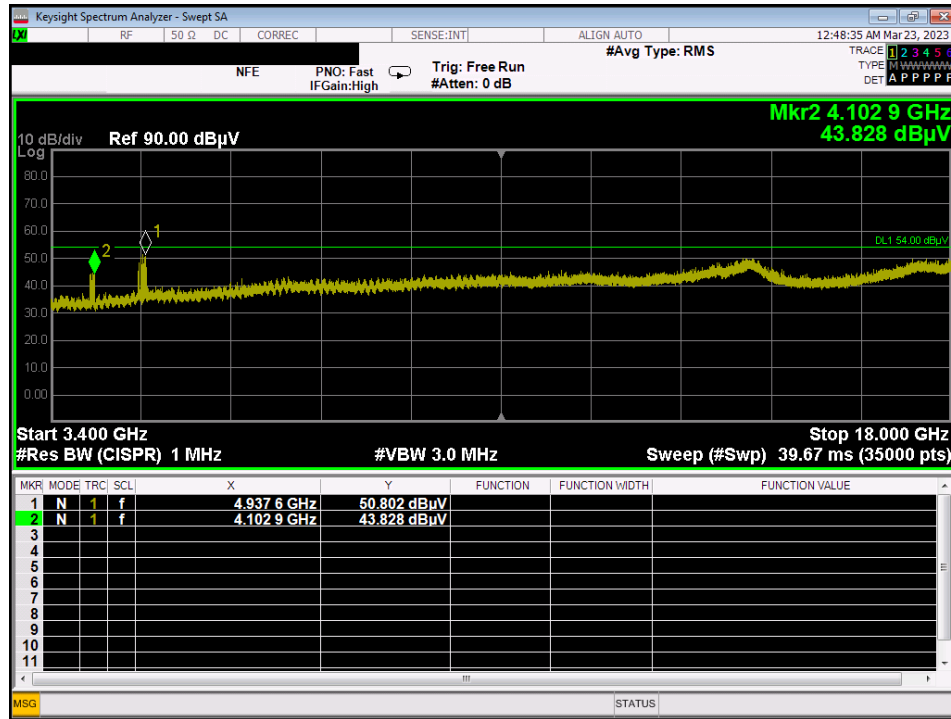


## 5\_RE\_814.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_1 - 3.4 GHz

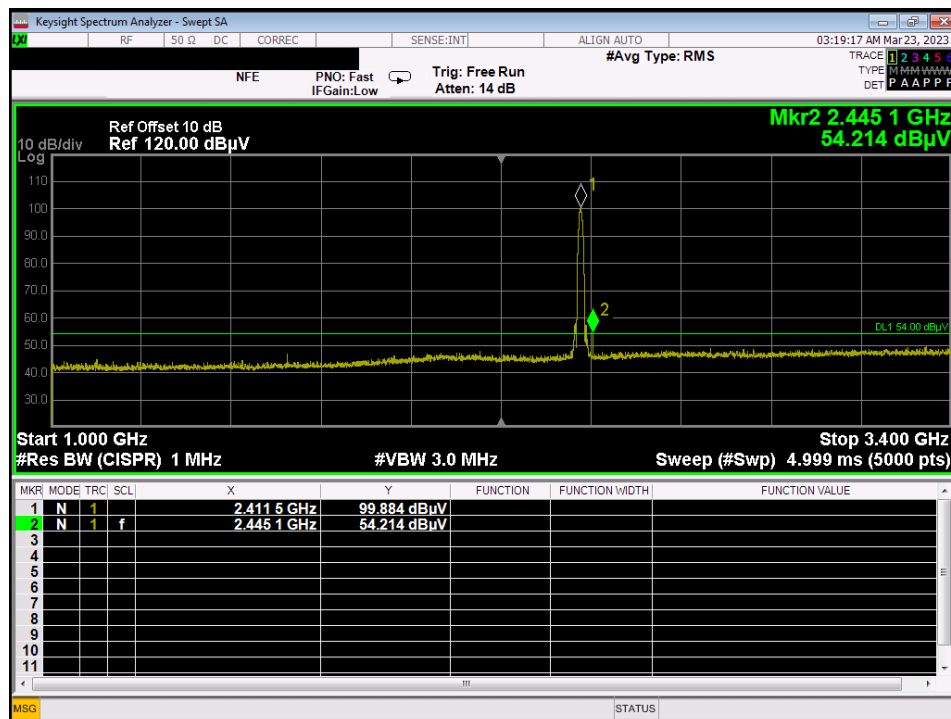




## 5\_RE\_814.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_3.4 - 18 GHz

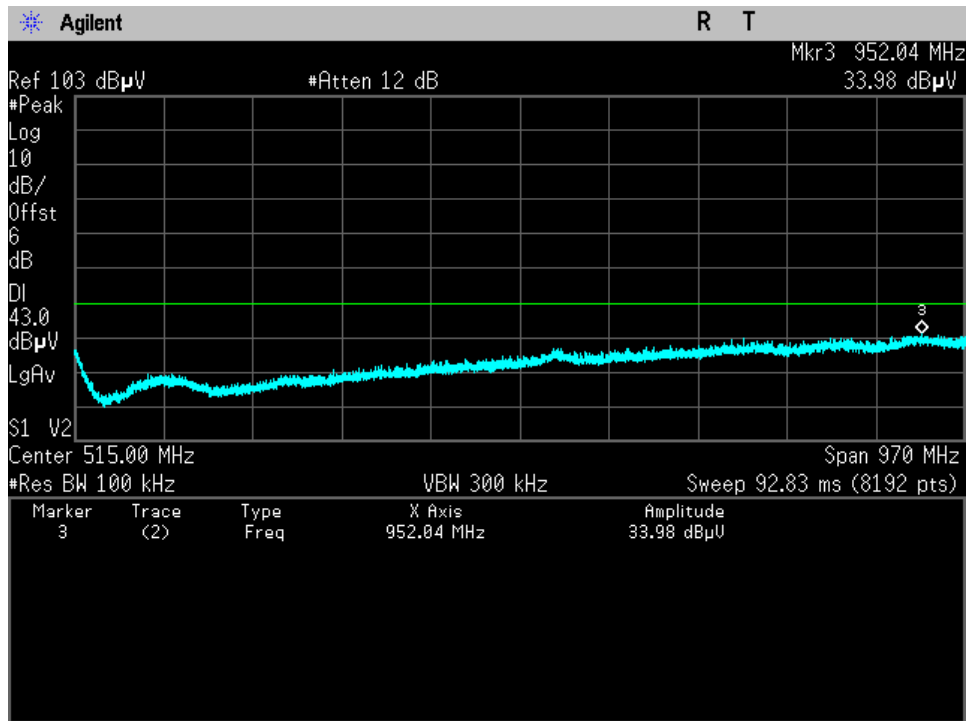


## 5\_RE\_814.975 MHz\_LMR C4FM\_ + 2.4 GHz WIFI\_1 - 3.4 GHz

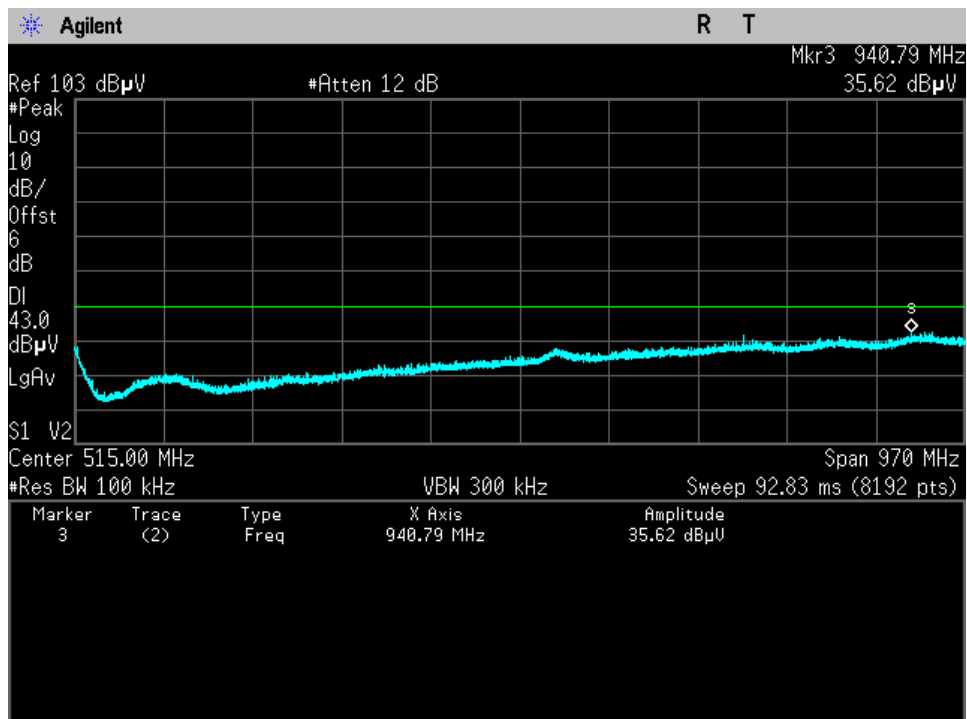




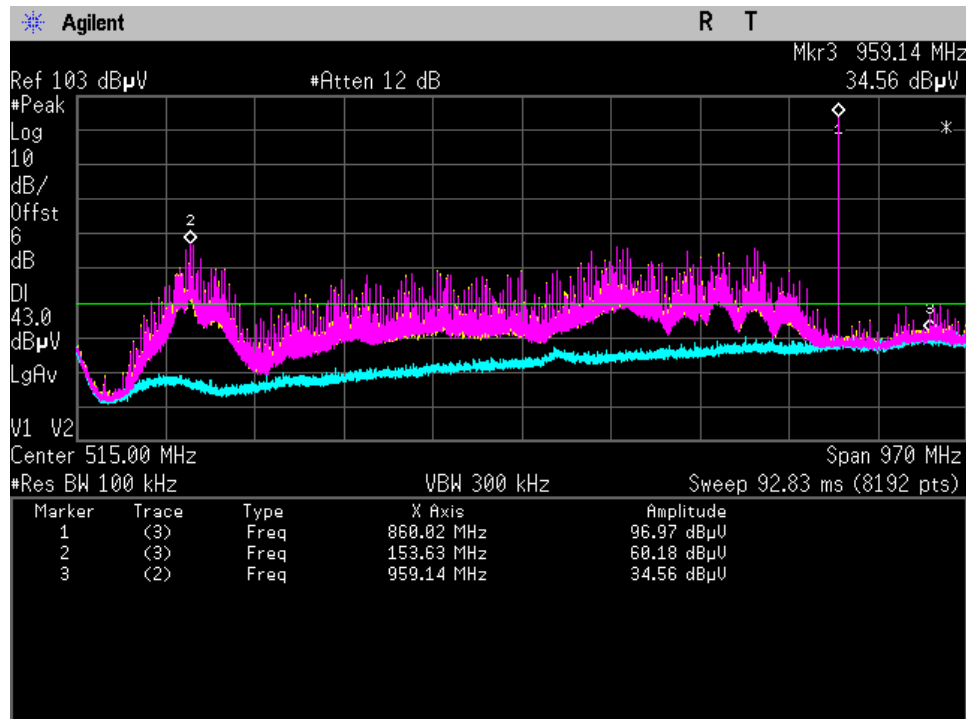
### 6\_RE\_859.975 MHz\_LMR C4FM off\_ + 2.4 GHz BT Hopping\_30 - 100



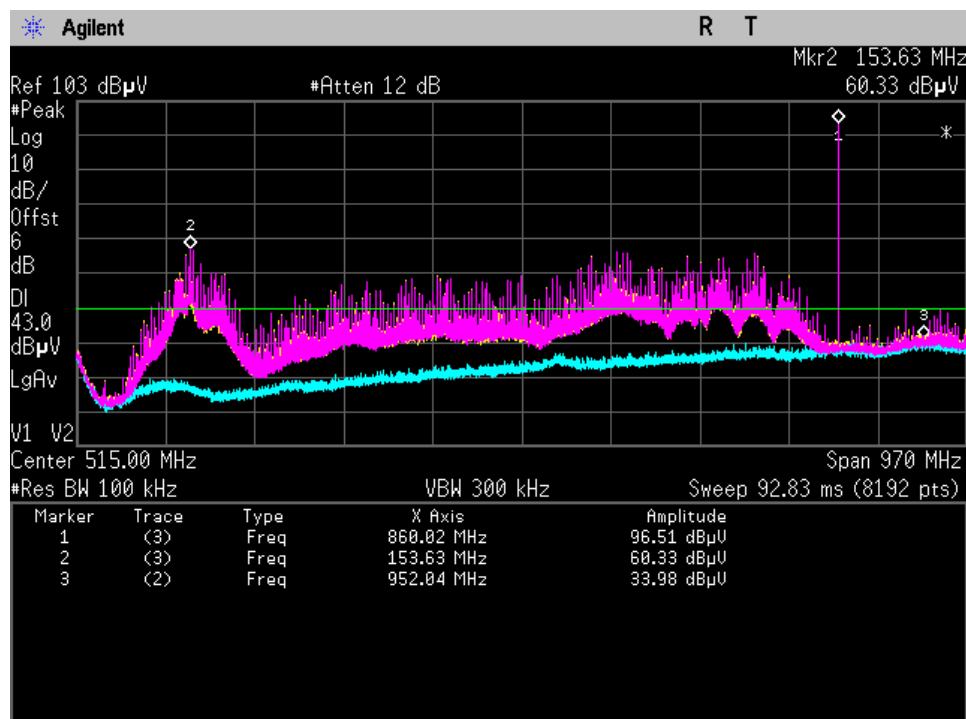
### 6\_RE\_859.975 MHz\_LMR C4FM off\_ + 2.4 GHz WIFI on\_30 - 1000 M



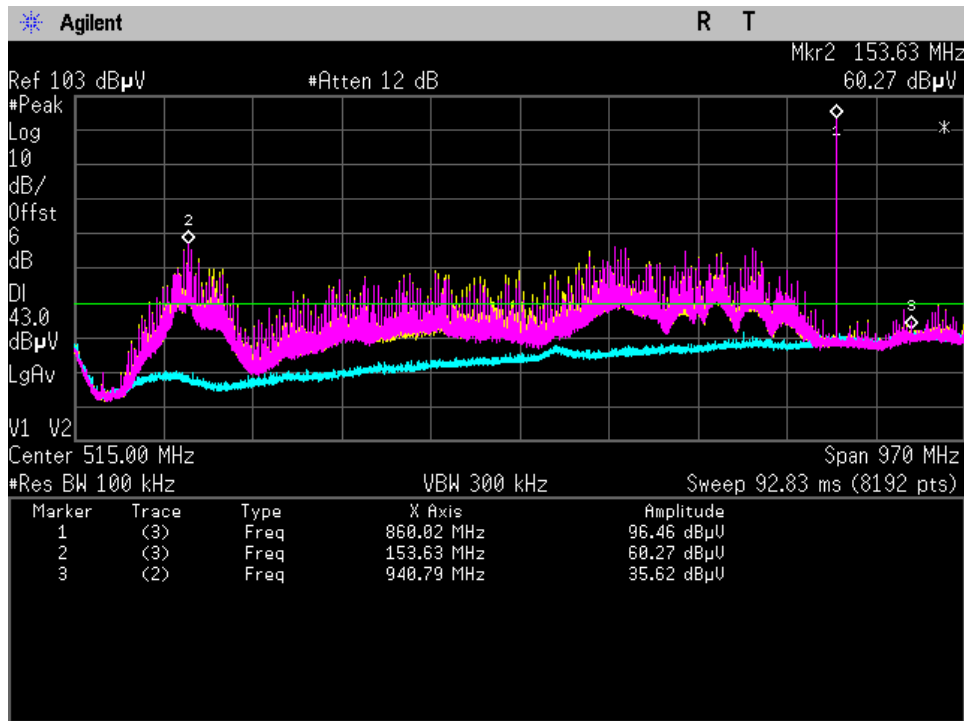
# 6\_RE\_859.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT BE on\_30 - 1000 M



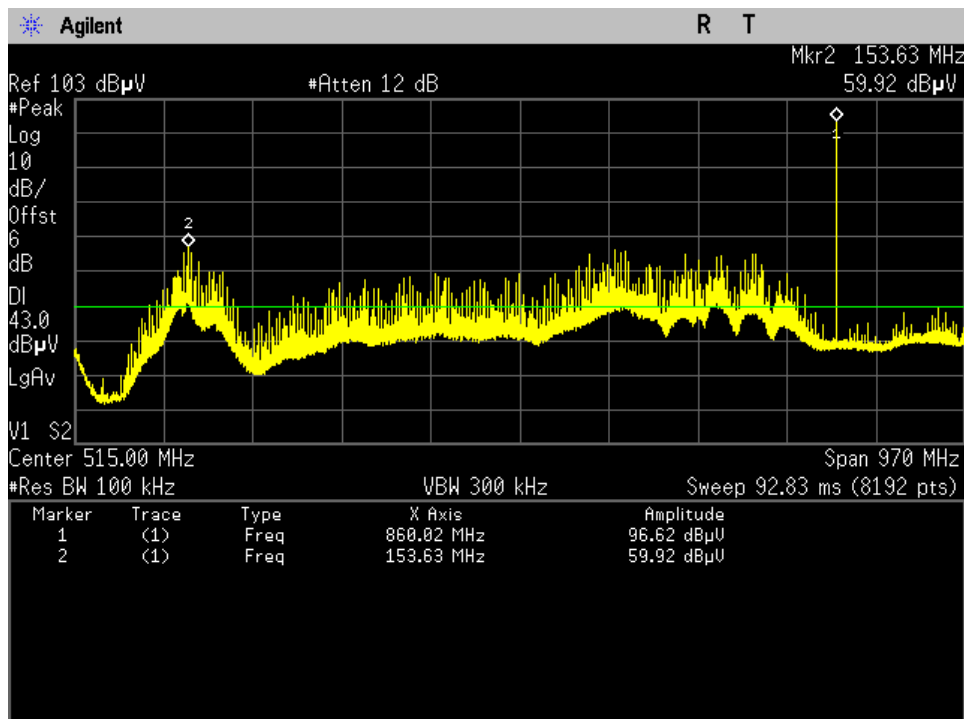
# 6\_RE\_859.975 MHz\_LMR C4FM on\_ + 2.4 GHz BT Hopping\_30 - 1000



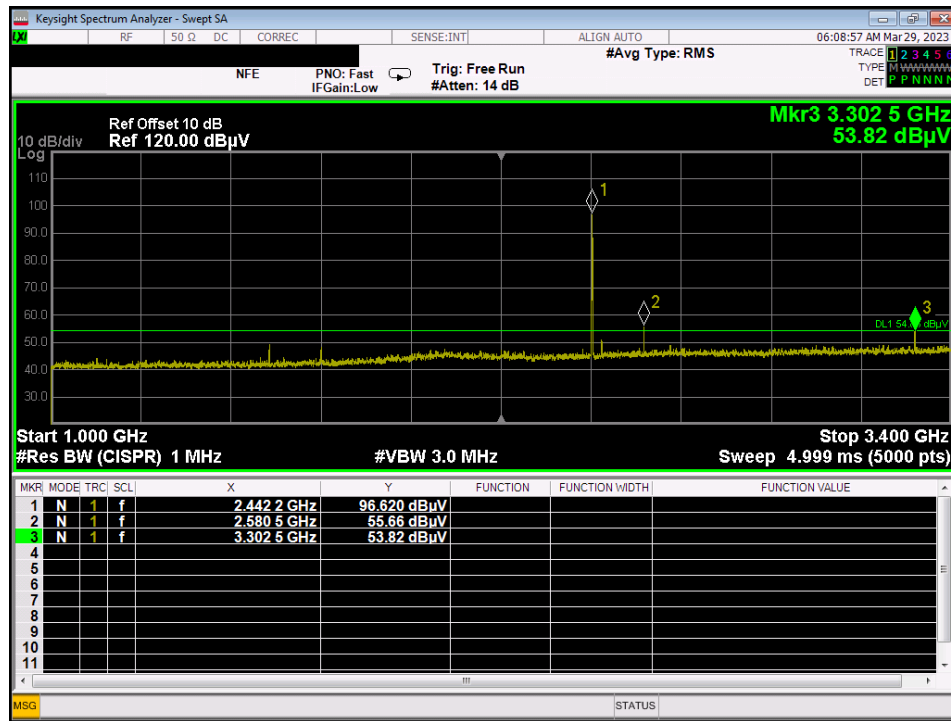
### 6\_RE\_859.975 MHz\_LMR C4FM on\_ + 2.4 GHz WIFI on\_30 - 1000 MH



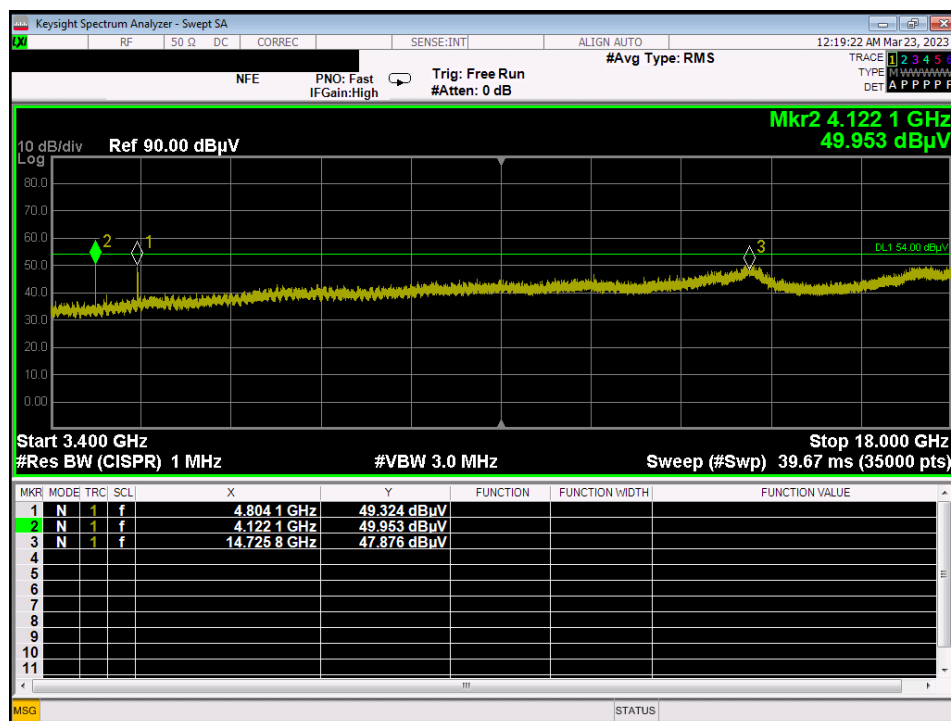
### 6\_RE\_859.975 MHz\_LMR C4FM on\_ + Part 15 TX off\_30 - 1000 MHz



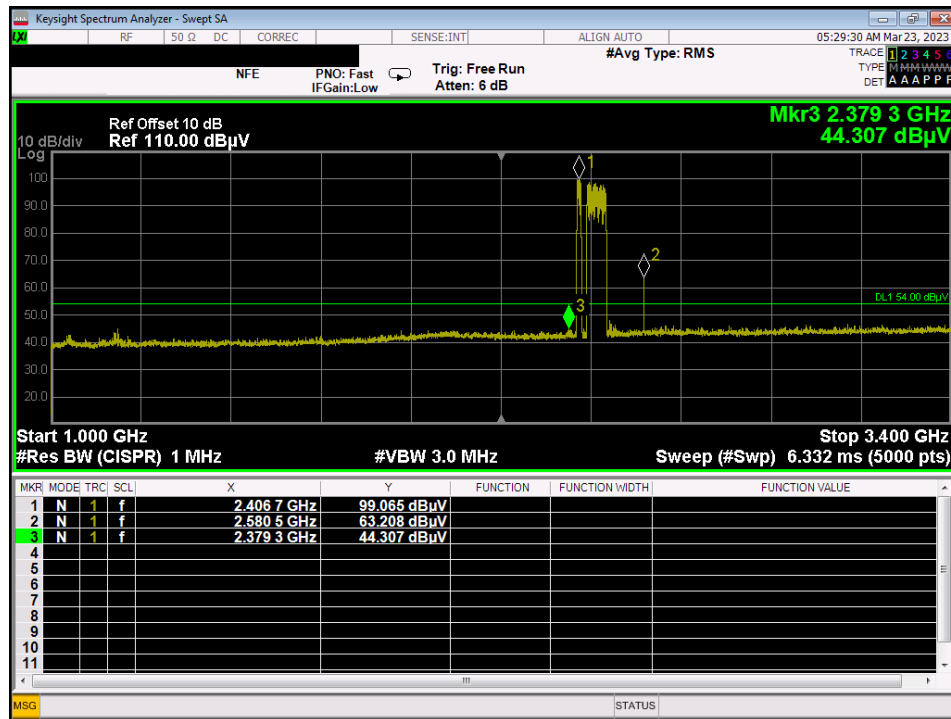
## 6\_RE\_859.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_1 - 3.4 GHz



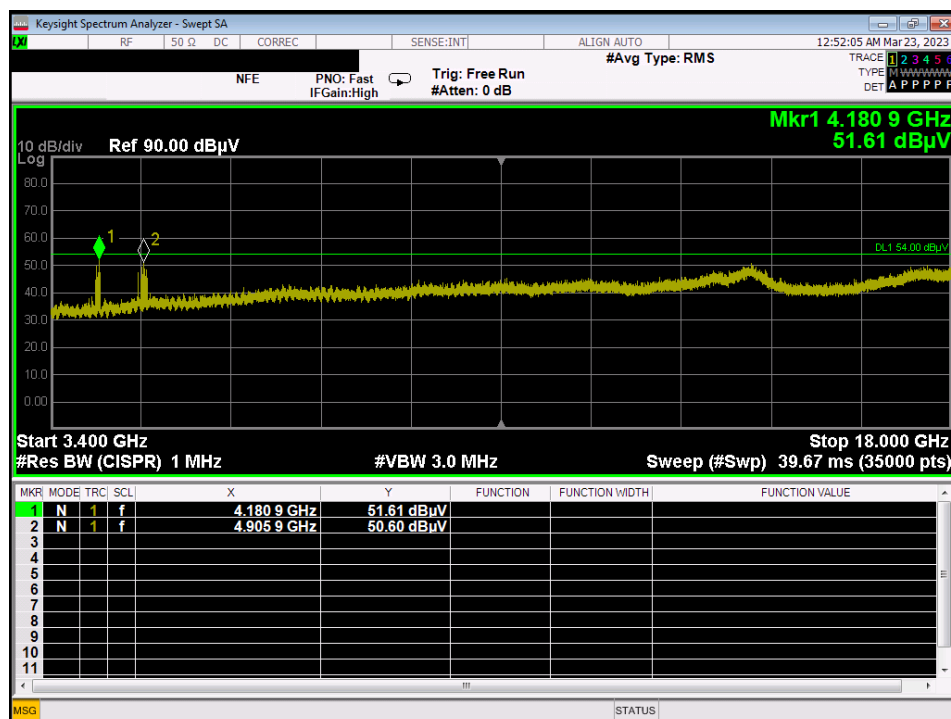
## 6\_RE\_859.975 MHz\_LMR C4FM\_ + 2.4 GHz BT BR\_3.4 - 18 GHz



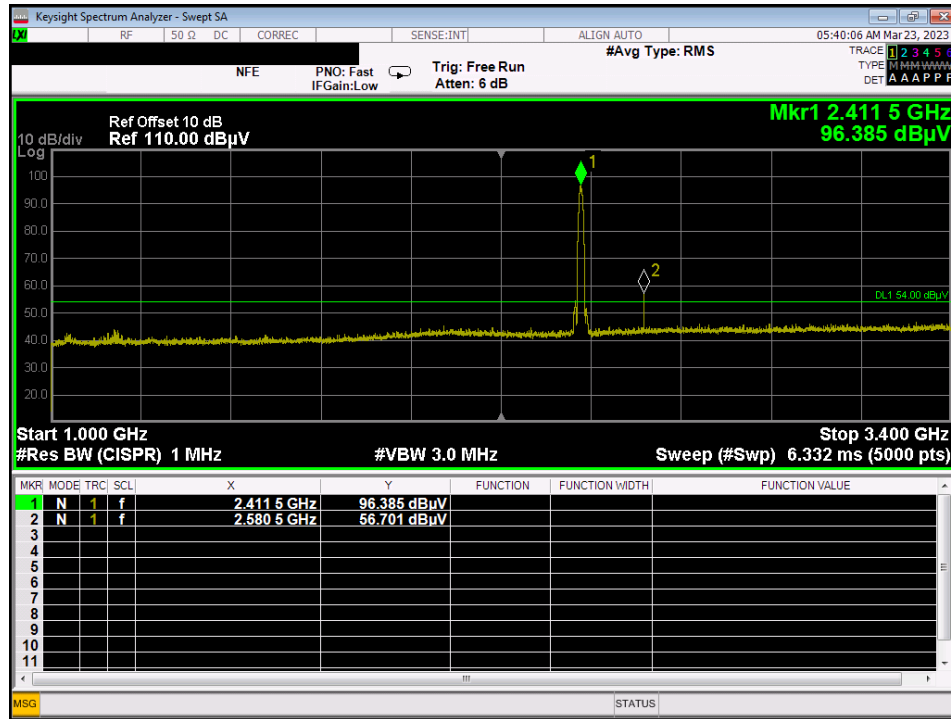
## 6\_RE\_859.975 MHz\_LMR C4FM\_ + 2.4 GHz BT Hopping mode\_1 - 3.4 GHz



## 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

