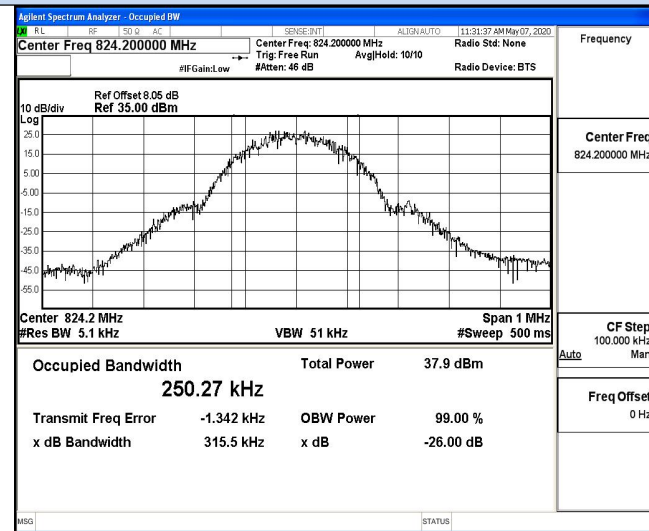
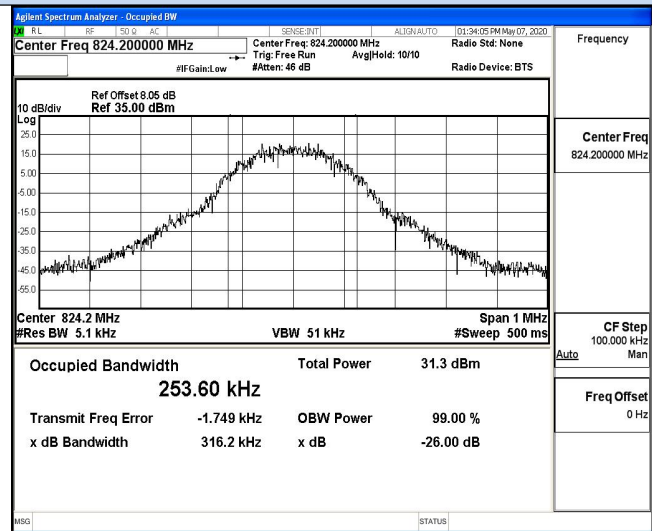


## Occupied Bandwidth and Emission Bandwidth

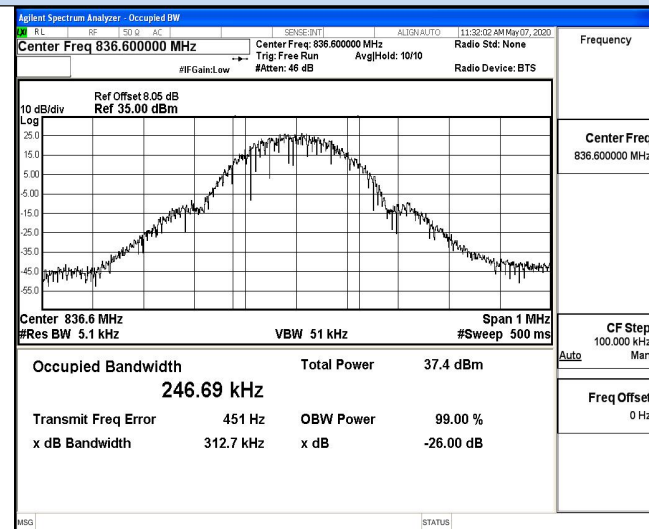
## GSM/TM1/GSM850



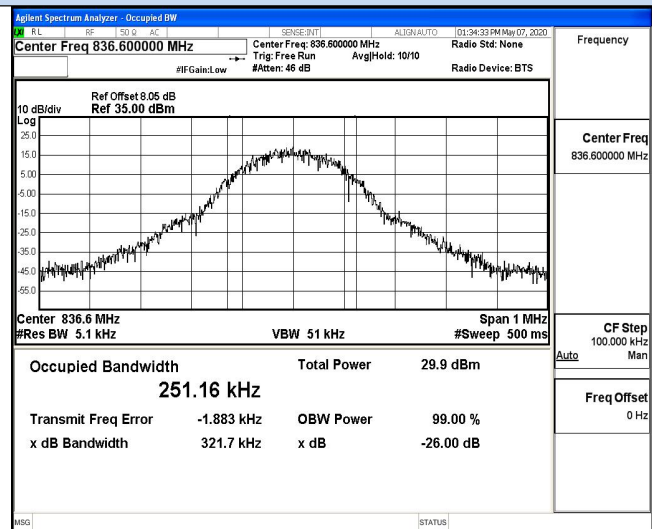
## GSM/TM3/EDGE850



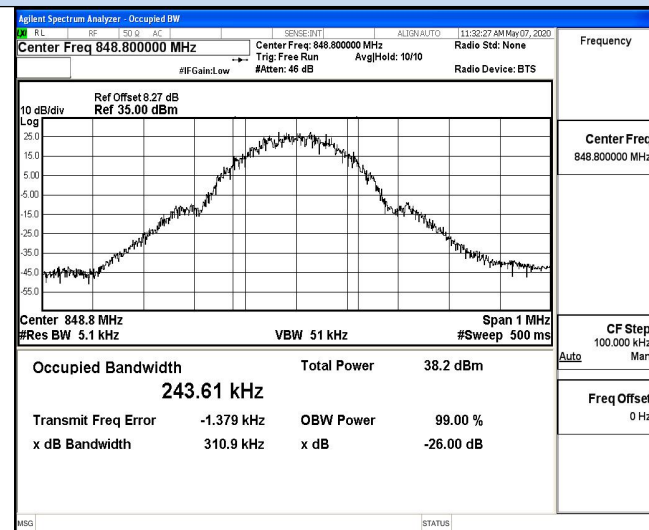
## Channel 128 / 824.2 MHz



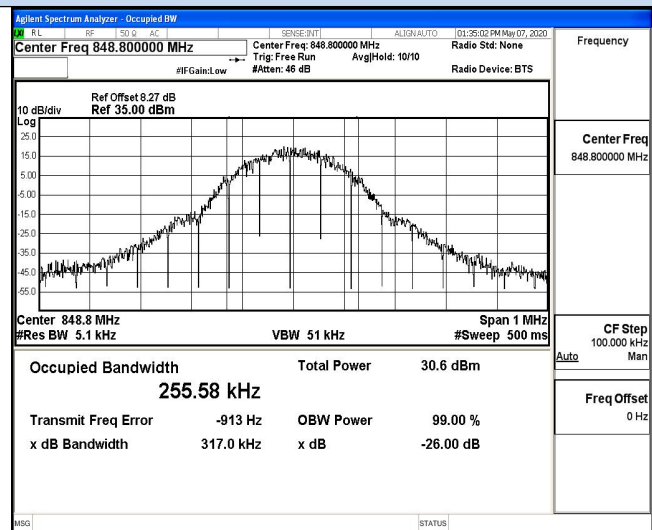
## Channel 128 / 824.2 MHz



## Channel 190 / 836.6 MHz



## Channel 190 / 836.6 MHz

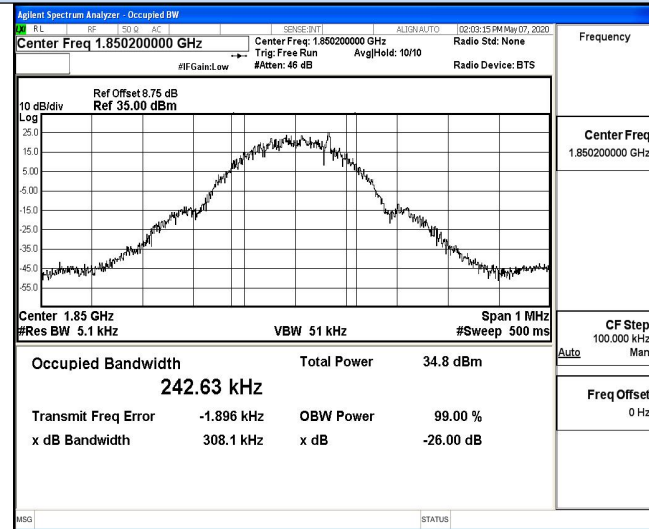


## Channel 251 / 848.8 MHz

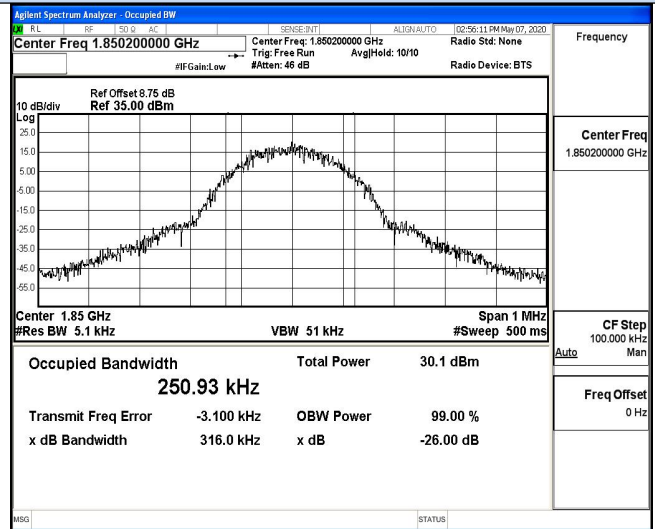
## Channel 251 / 848.8 MHz

## Occupied Bandwidth and Emission Bandwidth

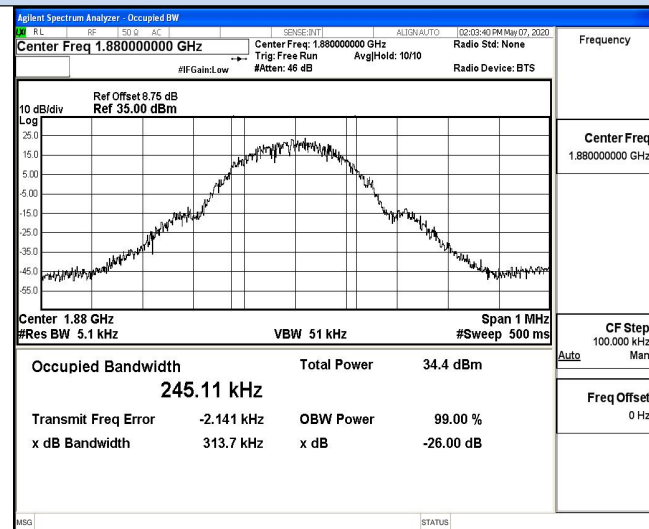
## GSM/TM1/GSM1900



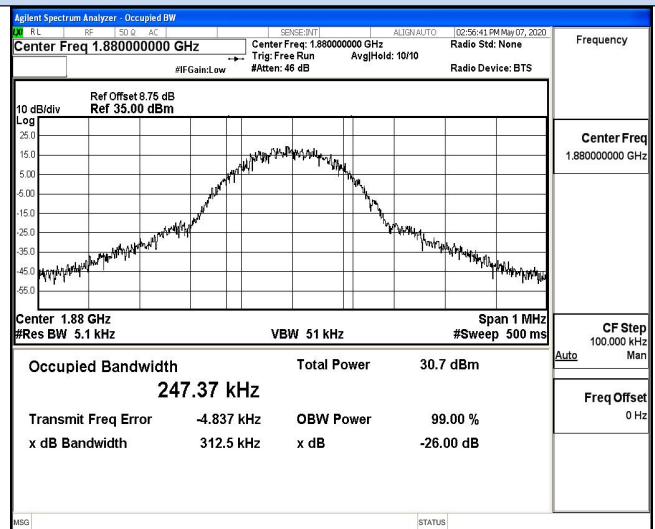
## GSM/TM3/EDGE1900



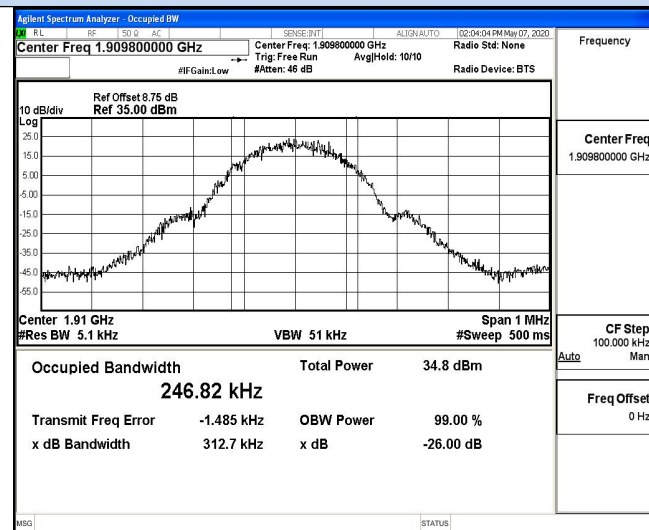
## Channel 512 / 1850.2 MHz



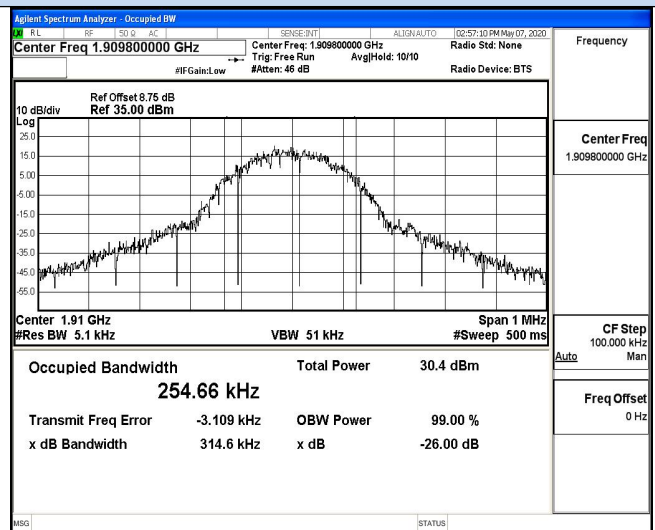
## Channel 512 / 1850.2 MHz



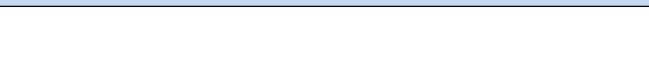
## Channel 661 / 1880.0MHz



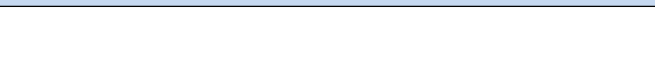
## Channel 661 / 1880.0MHz



## Channel 810 / 1909.8 MHz



## Channel 810 / 1909.8 MHz

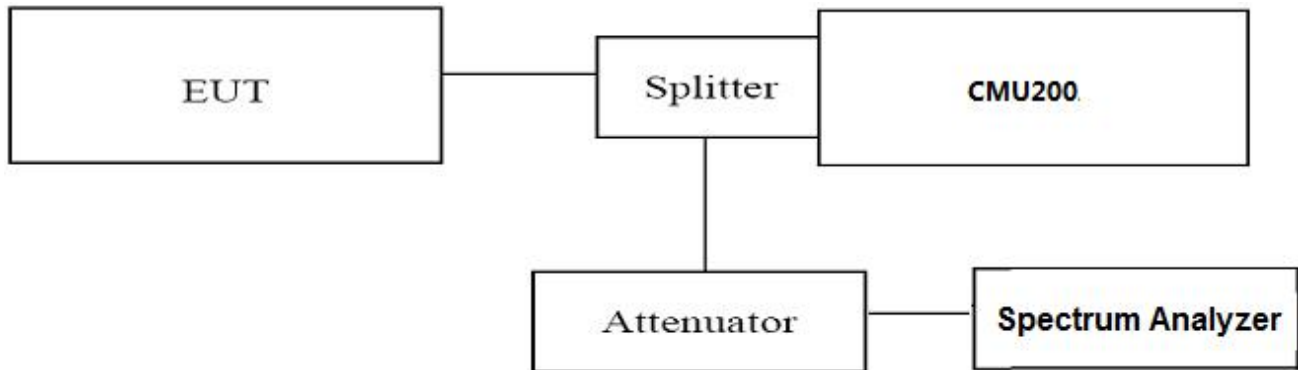


## 4.4 Band Edge Compliance

### TEST APPLICABLE

During the process of testing, the EUT was controlled via Digital Radio Communication tester (CMU200) to ensure max power transmission and proper modulation.

### TEST CONFIGURATION



### TEST PROCEDURE

1. The EUT was set up for the max output power with pseudo random data modulation;
2. The power was measured with Spectrum Analyzer N9020A;
3. Set RBW=5.1KHz, VBW=51KHz, Span=1MHz, SWT=Auto, Detector: RMS;
1. These measurements were done at 2 frequencies, 1850.20 MHz and 1909.80 MHz for PCS1900 band; 824.20 MHz and 848.80 MHz for GSM850 band. (bottom and top of operational frequency range).

### TEST RESULTS

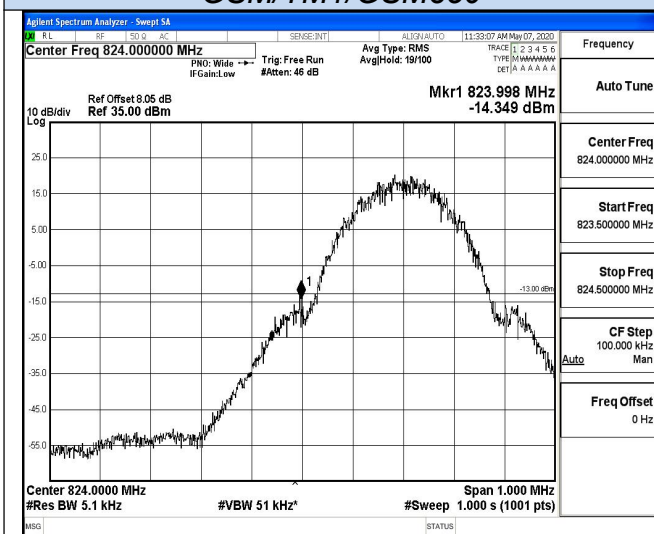
| Test Mode        | Channel | Frequency (MHz) | Band Edg Compliance (dBm) | Limits (dBm) | Verdict |
|------------------|---------|-----------------|---------------------------|--------------|---------|
| GSM/TM1/GSM850   | 128     | 824.2           | <-13dBm                   | -13dBm       | PASS    |
|                  | 251     | 848.8           | <-13dBm                   | -13dBm       |         |
| GSM/TM3/EDGE850  | 128     | 824.2           | <-13dBm                   | -13dBm       | PASS    |
|                  | 251     | 848.8           | <-13dBm                   | -13dBm       |         |
| GSM/TM1/GSM1900  | 512     | 1850.2          | <-13dBm                   | -13dBm       | PASS    |
|                  | 810     | 1909.8          | <-13dBm                   | -13dBm       |         |
| GSM/TM3/EDGE1900 | 512     | 1850.2          | <-13dBm                   | -13dBm       | PASS    |
|                  | 810     | 1909.8          | <-13dBm                   | -13dBm       |         |

#### Remark:

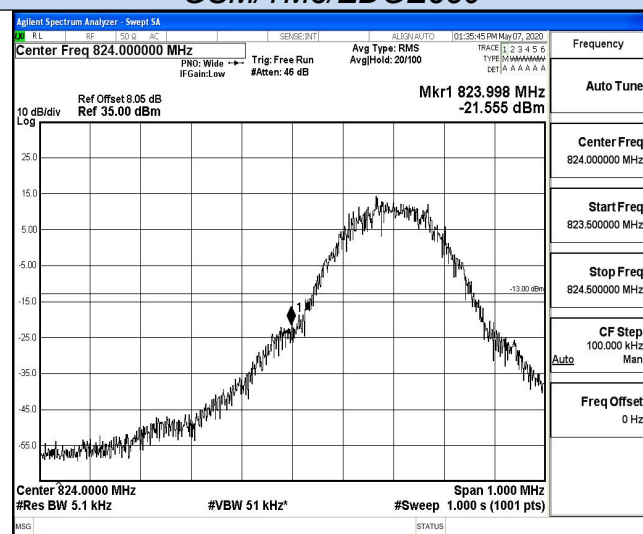
1. Test results including cable loss;
2. Please refer to following plots;

## Band-edge Compliance

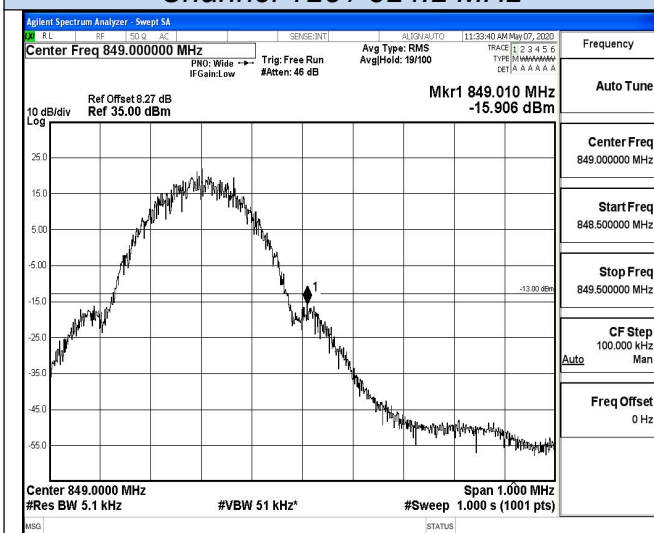
## GSM/TM1/GSM850



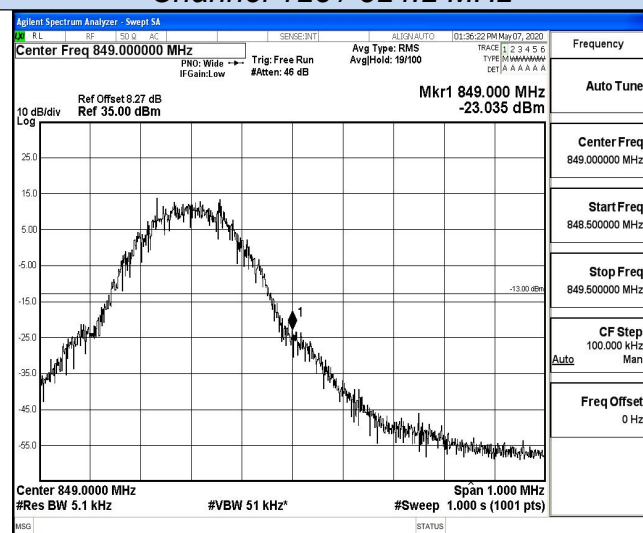
## GSM/TM3/EDGE850



## Channel 128 / 824.2 MHz



## Channel 128 / 824.2 MHz

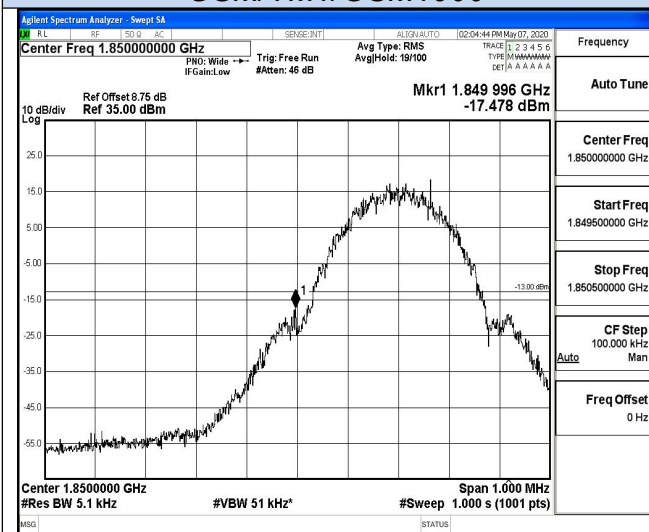


## Channel 251 / 848.8 MHz

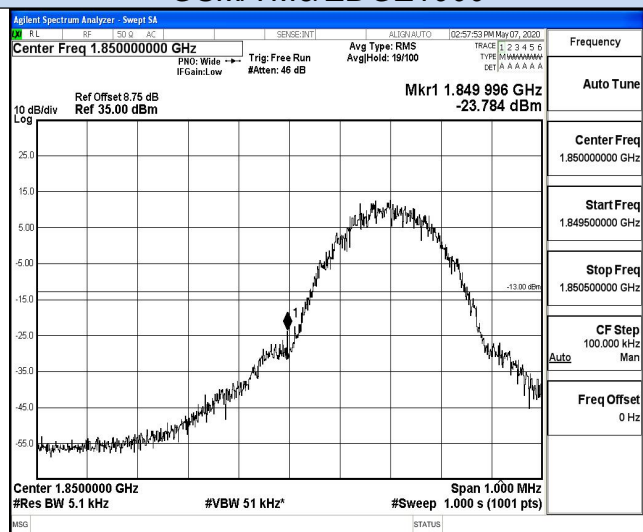
## Channel 251 / 848.8 MHz

## Band-edge Compliance

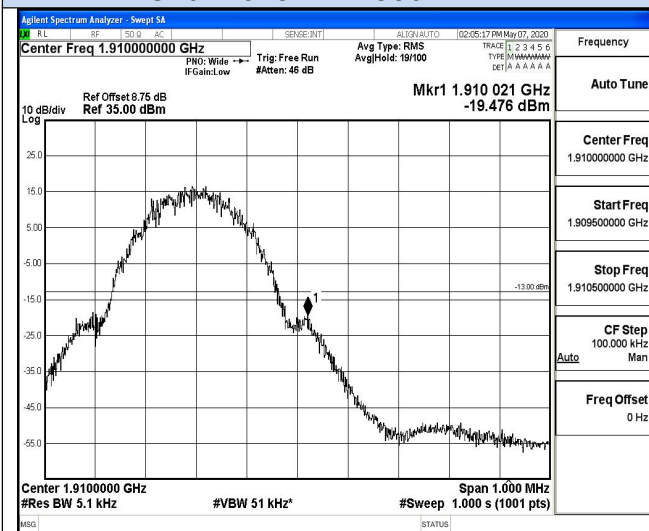
## GSM/TM1/GSM1900



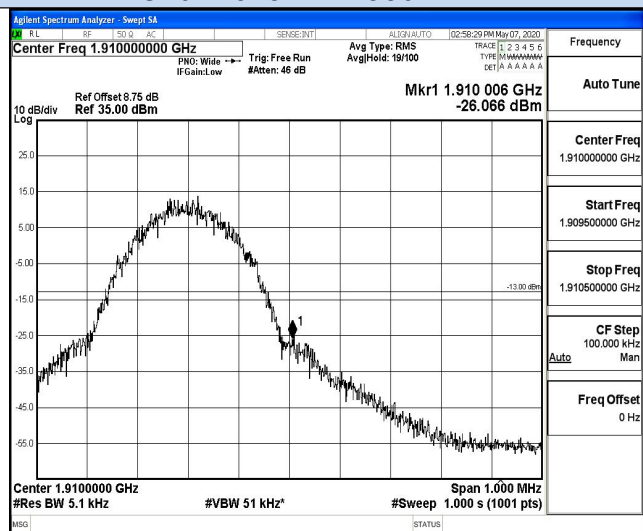
## GSM/TM3/EDGE1900



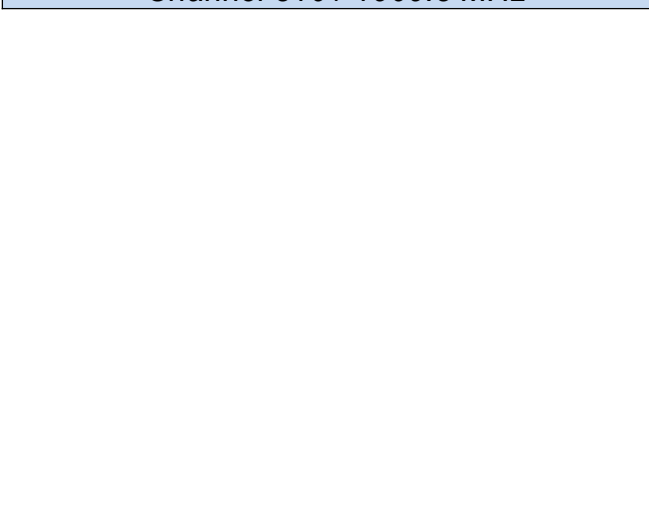
## Channel 512 / 1850.2 MHz



## Channel 512 / 1850.2 MHz



## Channel 810 / 1909.8 MHz



## Channel 810 / 1909.8 MHz

