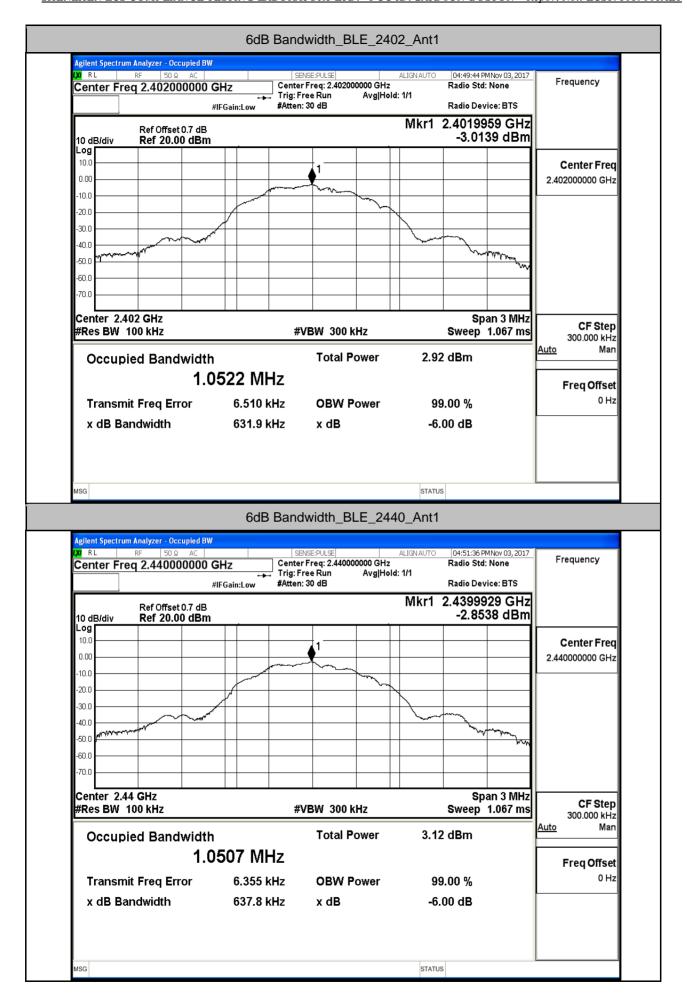
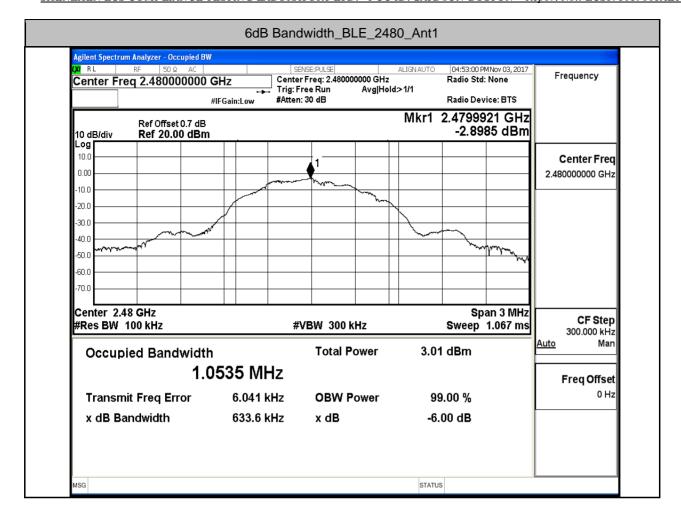
### 1.6dB Bandwidth

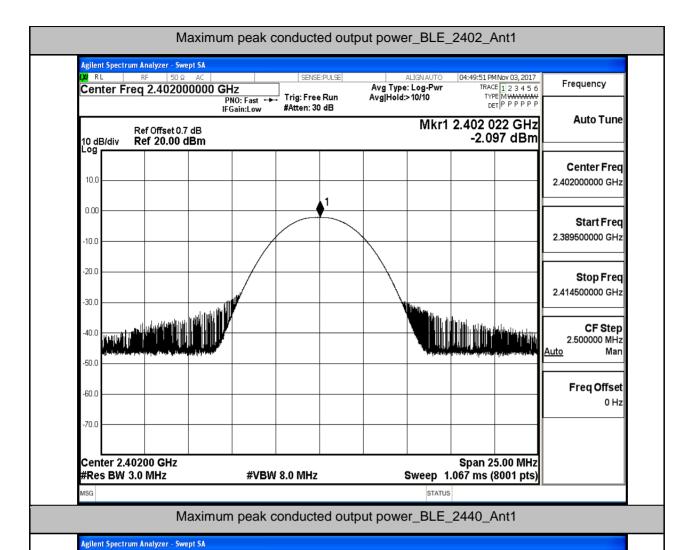
| Test Mode | Test Channel | Ant  | EBW[MHz] | Limit | Verdict |
|-----------|--------------|------|----------|-------|---------|
| BLE       | 2402         | Ant1 | 0.6319   | 0.5   | PASS    |
| BLE       | 2440         | Ant1 | 0.6378   | 0.5   | PASS    |
| BLE       | 2480         | Ant1 | 0.6336   | 0.5   | PASS    |

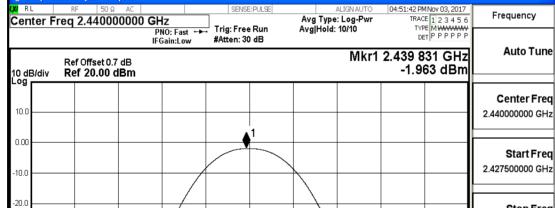




# 2.Maximum peak conducted output power

| Test Mode | Test | Ant  | Power[dBm] | Limit[dBm] | Verdict |
|-----------|------|------|------------|------------|---------|
| BLE       | 2402 | Ant1 | -2.097     | 30         | PASS    |
| BLE       | 2440 | Ant1 | -1.963     | 30         | PASS    |
| BLE       | 2480 | Ant1 | -1.985     | 30         | PASS    |





**#VBW 8.0 MHz** 

-30.0

-40.0

-50.0

-60.0

-70.0

Center 2.44000 GHz

#Res BW 3.0 MHz

Stop Freq 2.452500000 GHz

**CF Step** 

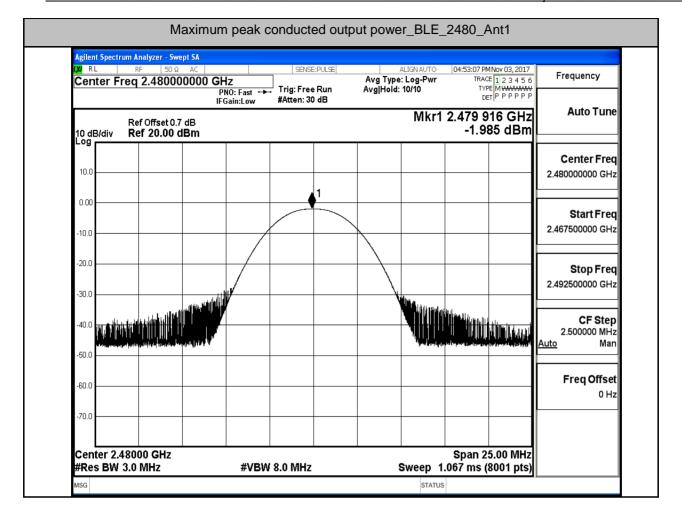
2.500000 MHz Man

Freq Offset

Span 25.00 MHz

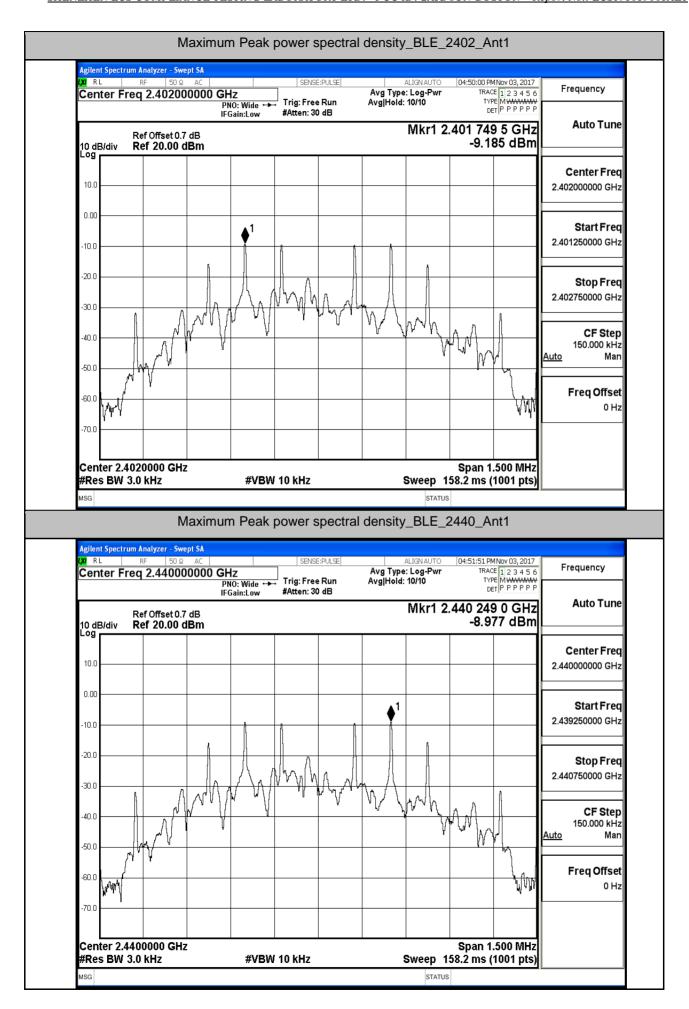
Sweep 1.067 ms (8001 pts)

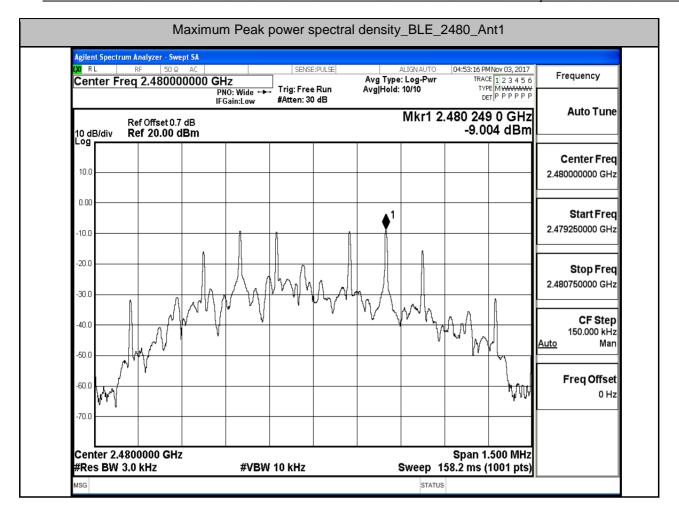
0 Hz



## 3.Maximum Peak power spectral density

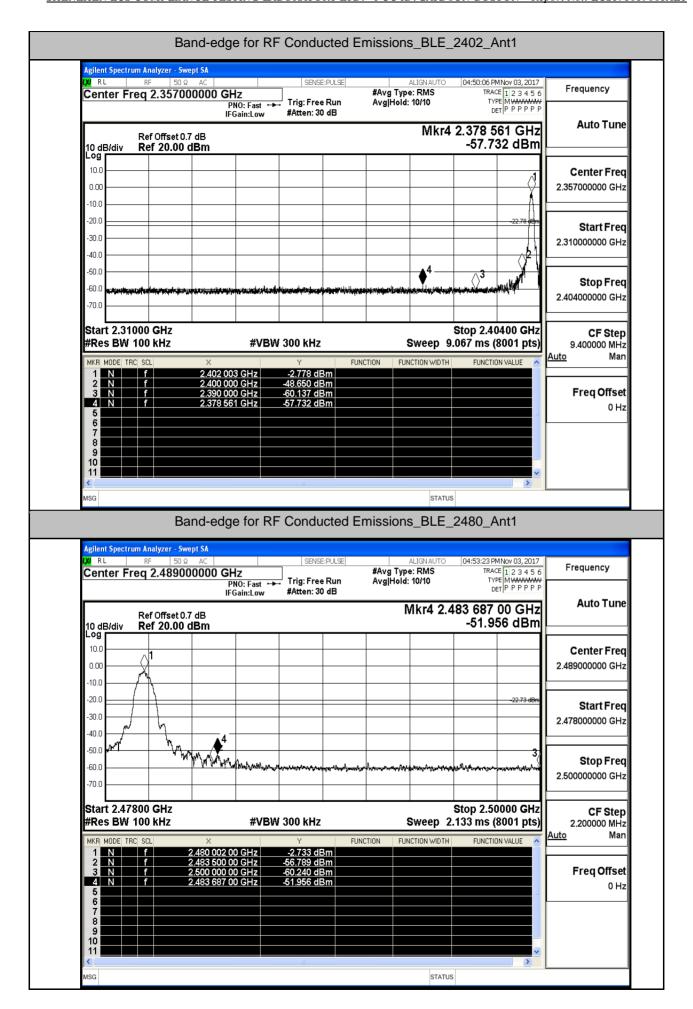
| Test Mode | Test Channel | est Channel Ant PSD[dBm/MHz] L |        | Limit[dBm/MHz] | Verdict |
|-----------|--------------|--------------------------------|--------|----------------|---------|
| BLE       | 2402         | Ant1                           | -9.185 | 8.00           | PASS    |
| BLE       | 2440         | Ant1                           | -8.977 | 8.00           | PASS    |
| BLE       | 2480         | Ant1                           | -9.004 | 8.00           | PASS    |





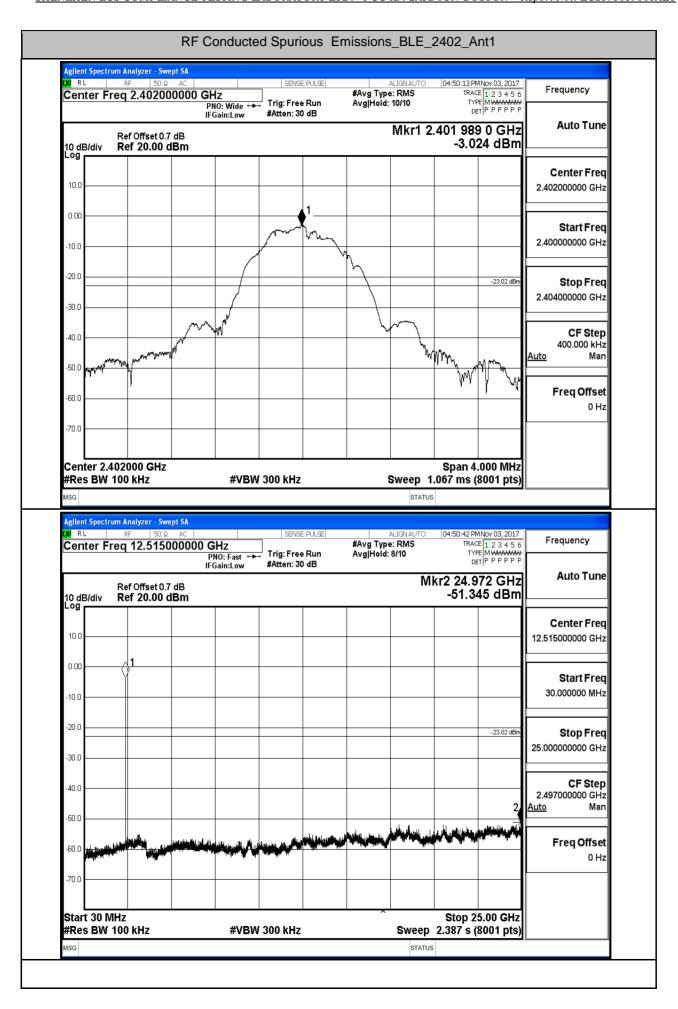
## 4.Band-edge for RF Conducted Emissions

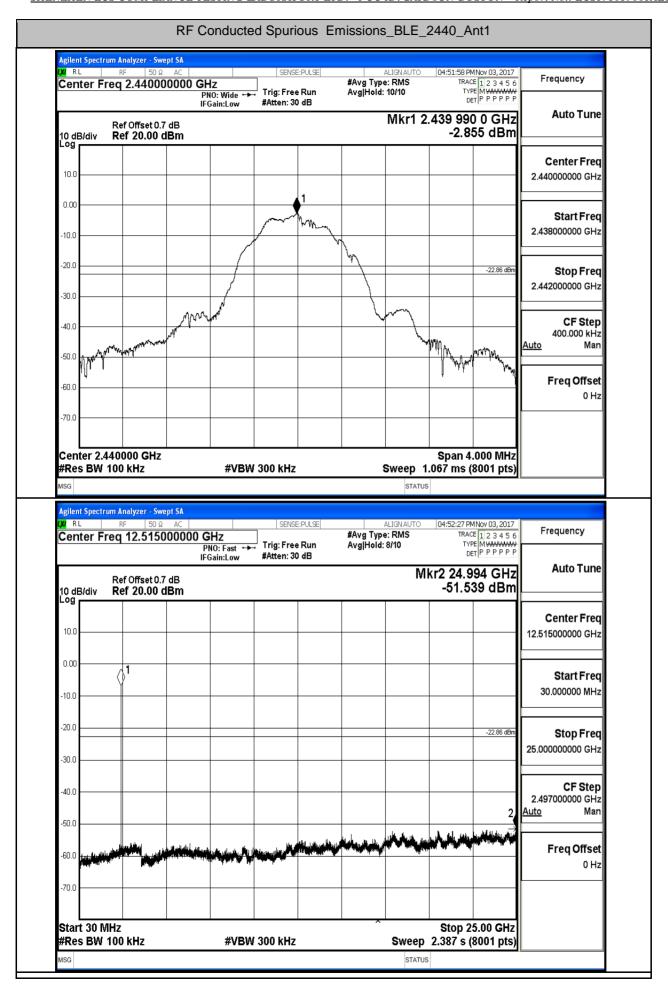
| Test<br>Mode | Test<br>Channel | Ant  | Carrier<br>Power[dBm] | Max. Spurious Level<br>[dBm] | Limit<br>[dBm] | Verdict |
|--------------|-----------------|------|-----------------------|------------------------------|----------------|---------|
| BLE          | 2402            | Ant1 | -2.778                | -57.732                      | -22.78         | PASS    |
| BLE          | 2480            | Ant1 | -2.733                | -51.956                      | -22.73         | PASS    |

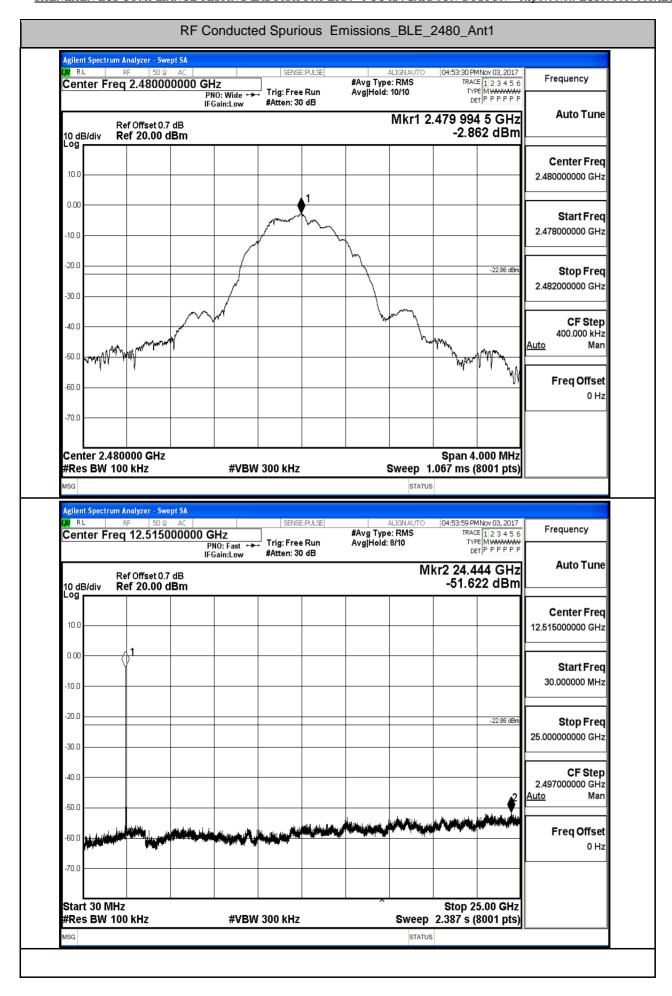


## **5.RF Conducted Spurious Emissions**

| Test<br>Mode | Test<br>Channel | Ant  | StartFre<br>[MHz] | StopFre<br>[MHz] | RBW<br>[kHz] | VBW<br>[kHz] | Pref[dBm] | Max.<br>Level<br>[dBm] | Limit<br>[dBm] | Verdict |
|--------------|-----------------|------|-------------------|------------------|--------------|--------------|-----------|------------------------|----------------|---------|
| BLE          | 2402            | Ant1 | 30                | 25000            | 100          | 300          | -3.024    | -51.345                | <-23.024       | PASS    |
| BLE          | 2440            | Ant1 | 30                | 25000            | 100          | 300          | -2.855    | -51.539                | <-22.855       | PASS    |
| BLE          | 2480            | Ant1 | 30                | 25000            | 100          | 300          | -2.862    | -51.622                | <-22.862       | PASS    |

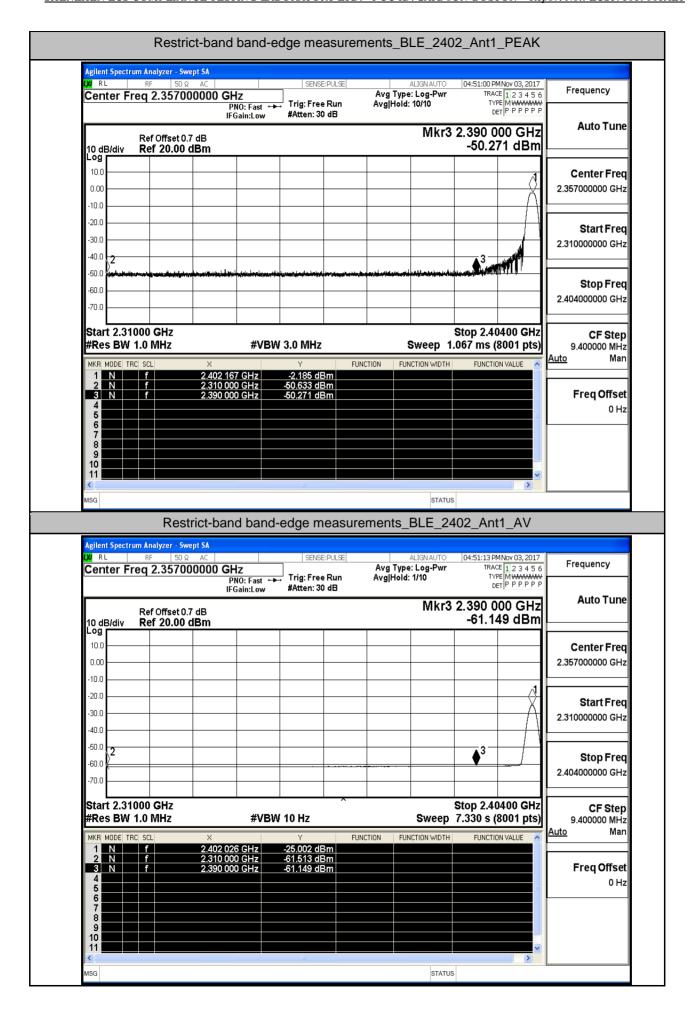


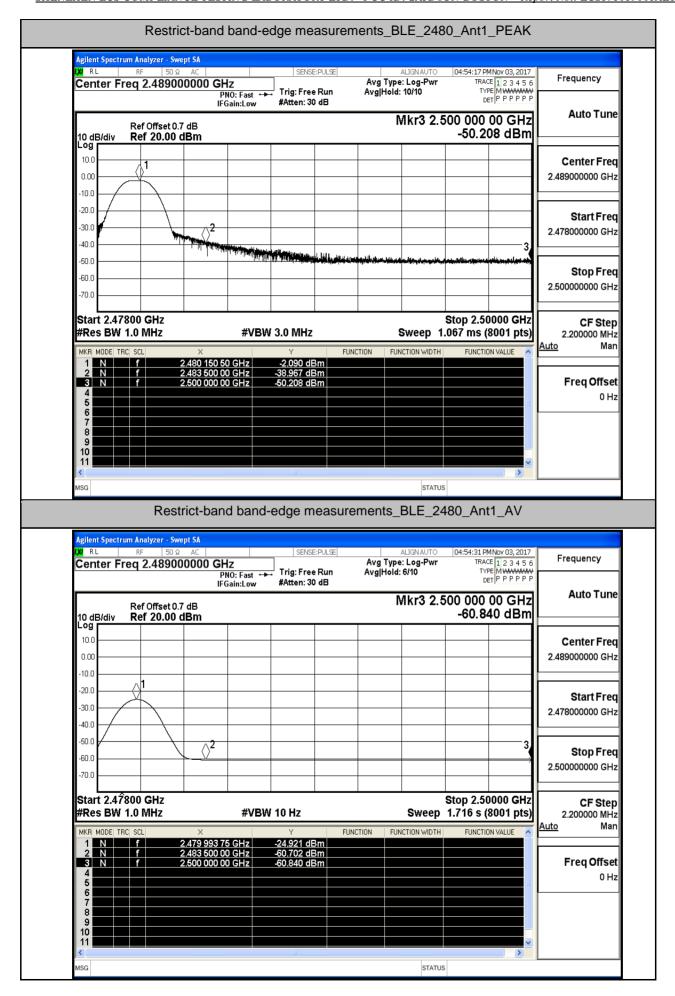




# 6.Restrict-band band-edge measurements

| Test<br>Mode | Test<br>Channel | Ant  | Freq.  | Power<br>[dBm] | Gain | Ground<br>Factor | E<br>[dBuV/m] | Detector | Limit<br>[dBuV/m] | Verdict |
|--------------|-----------------|------|--------|----------------|------|------------------|---------------|----------|-------------------|---------|
| BLE          | 2402            | Ant1 | 2310.0 | -50.63         | 0    | 0                | 44.62         | PEAK     | 74                | PASS    |
| BLE          | 2402            | Ant1 | 2310.0 | -61.51         | 0    | 0                | 33.74         | AV       | 54                | PASS    |
| BLE          | 2402            | Ant1 | 2390.0 | -50.27         | 0    | 0                | 44.99         | PEAK     | 74                | PASS    |
| BLE          | 2402            | Ant1 | 2390.0 | -61.15         | 0    | 0                | 34.11         | AV       | 54                | PASS    |
| BLE          | 2480            | Ant1 | 2483.5 | -38.97         | 0    | 0                | 56.29         | PEAK     | 74                | PASS    |
| BLE          | 2480            | Ant1 | 2483.5 | -60.70         | 0    | 0                | 34.56         | AV       | 54                | PASS    |
| BLE          | 2480            | Ant1 | 2500.0 | -50.21         | 0    | 0                | 45.05         | PEAK     | 74                | PASS    |
| BLE          | 2480            | Ant1 | 2500.0 | -60.84         | 0    | 0                | 34.42         | AV       | 54                | PASS    |





### 7. On Time and Duty Cycle

**Test Graphs** 

