

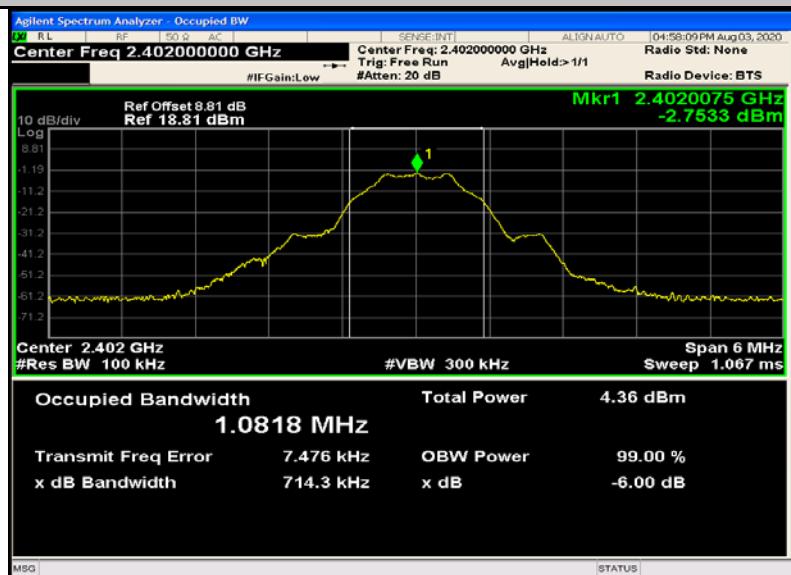


Appendix B for SHEM200700605702

1.6dB Bandwidth

| Test Mode | Test Channel | EBW[MHz] | | Limit | Verdict |
|-----------|--------------|----------|------|-------|---------|
| | | 1M | 2M | | |
| BLE | 2402 | 0.71 | 1.27 | 0.5 | PASS |
| BLE | 2440 | 0.71 | 1.28 | 0.5 | PASS |
| BLE | 2480 | 0.72 | 1.27 | 0.5 | PASS |

6dB Bandwidth_BLE_2402_1M



6dB Bandwidth_BLE_2440_1M



6dB Bandwidth_BLE_2480_1M



6dB Bandwidth_BLE_2402_2M



6dB Bandwidth_BLE_2440_2M



6dB Bandwidth_BLE_2480_2M





2.Occupied Bandwidth

| Test Mode | Test Channel | OBW[MHz] | | Limit[MHz] | Verdict |
|-----------|--------------|----------|------|------------|---------|
| | | 1M | 2M | | |
| BLE | 2402 | 1.06 | 2.10 | --- | PASS |
| BLE | 2440 | 1.07 | 2.11 | --- | PASS |
| BLE | 2480 | 1.07 | 2.12 | --- | PASS |

Occupied Bandwidth_BLE_2402_1M



Occupied Bandwidth_BLE_2440_1M



Occupied Bandwidth_BLE_2480_1M



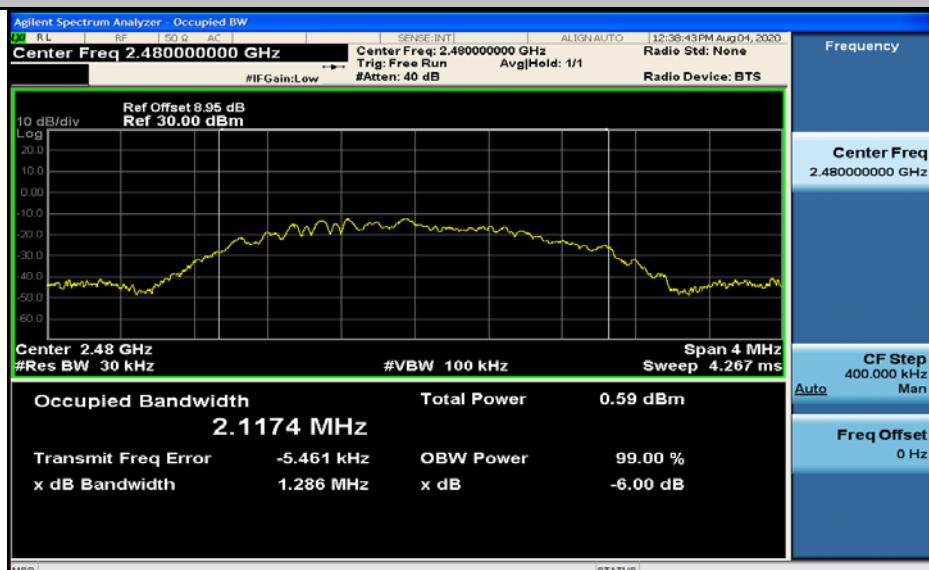
Occupied Bandwidth_BLE_2402_2M



Occupied Bandwidth_BLE_2440_2M



Occupied Bandwidth_BLE_2480_2M

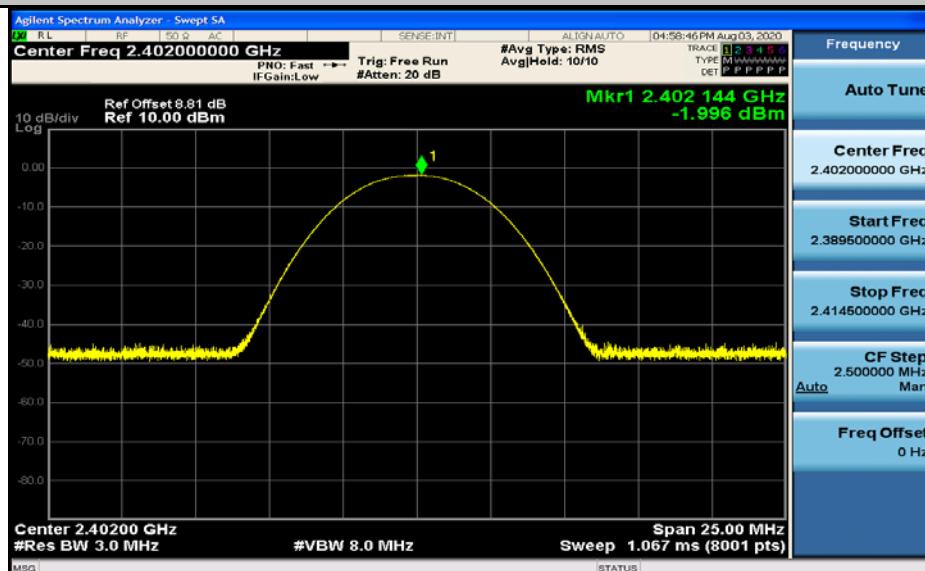




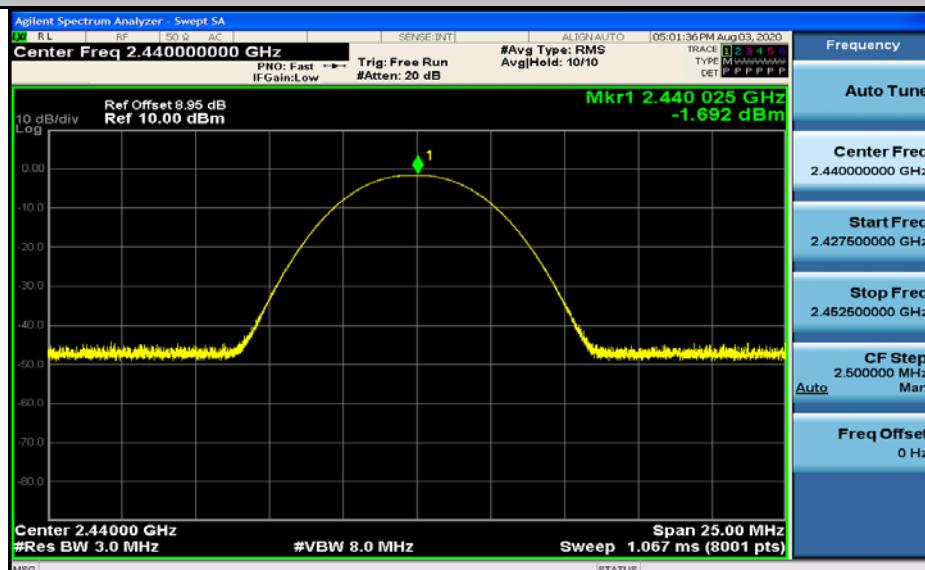
3. Maximum peak conducted output power

| Test Mode | Test Channel | Power[dBm] | | Limit[dBm] | Verdict |
|-----------|--------------|------------|-------|------------|---------|
| | | 1M | 2M | | |
| BLE | 2402 | -2 | -2.96 | 30 | PASS |
| BLE | 2440 | -1.69 | -2.01 | 30 | PASS |
| BLE | 2480 | -3.25 | -4.45 | 30 | PASS |

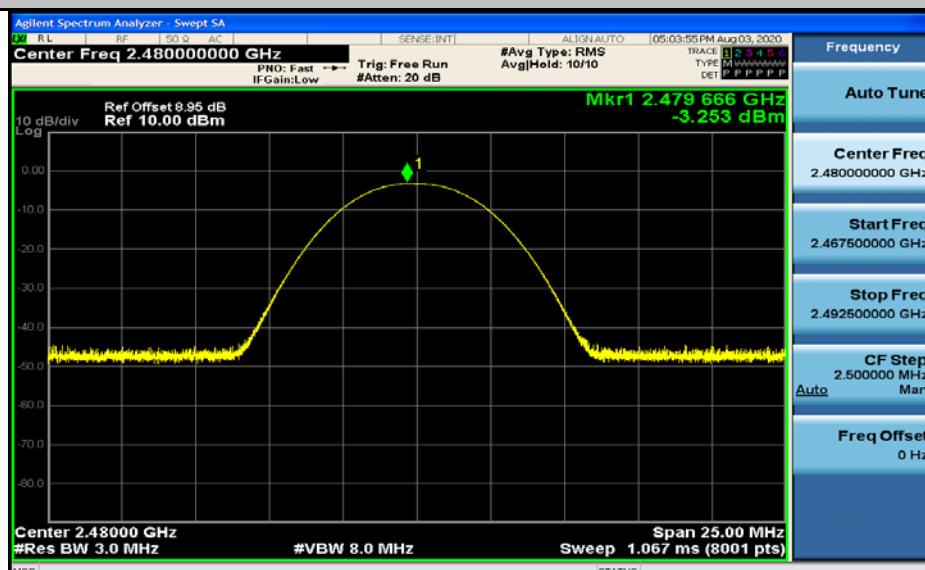
Maximum peak conducted output power_BLE_2402_1M



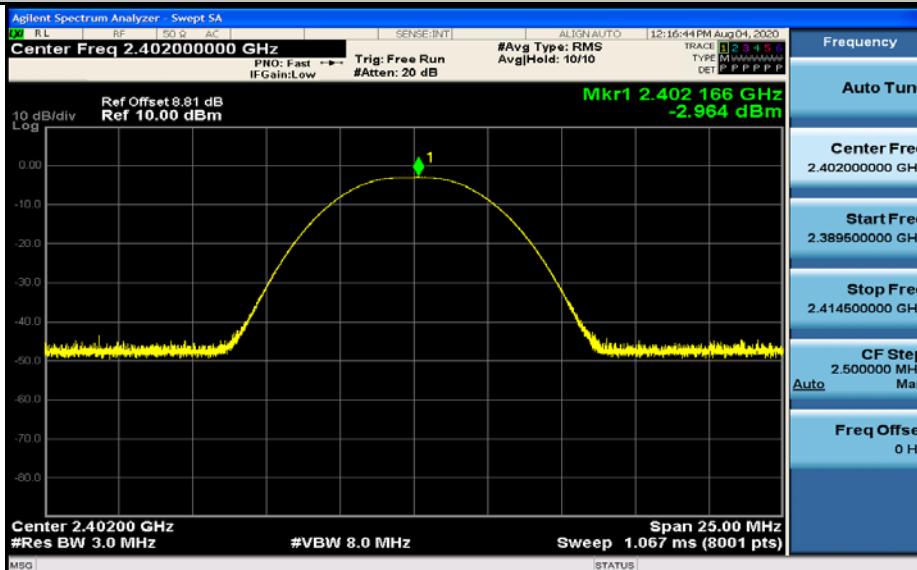
Maximum peak conducted output power_BLE_2440_1M



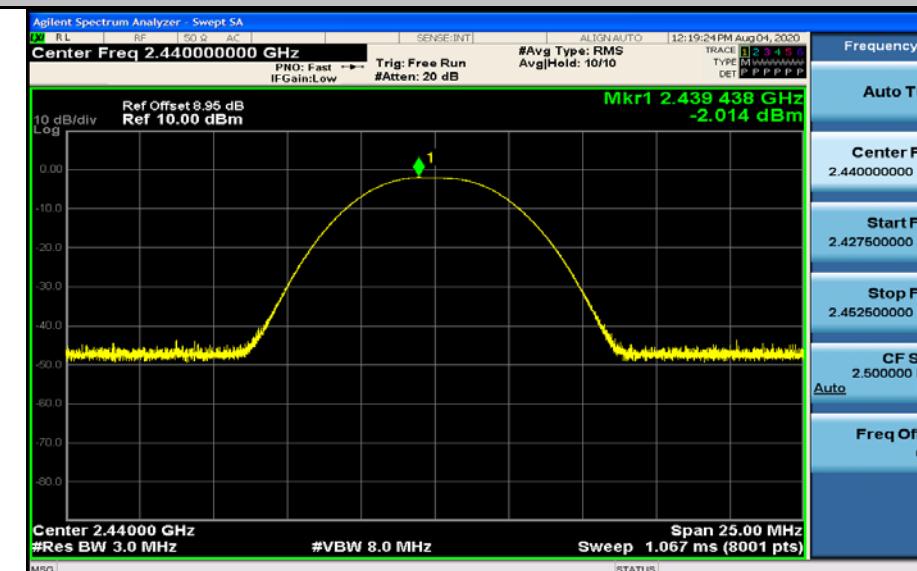
Maximum peak conducted output power_BLE_2480_1M



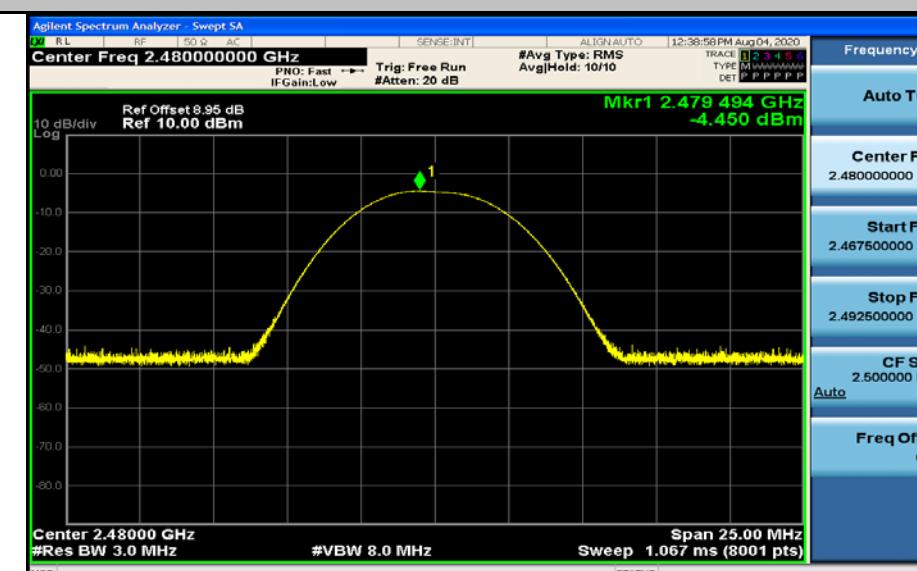
Maximum peak conducted output power_BLE_2402_2M



Maximum peak conducted output power_BLE_2440_2M



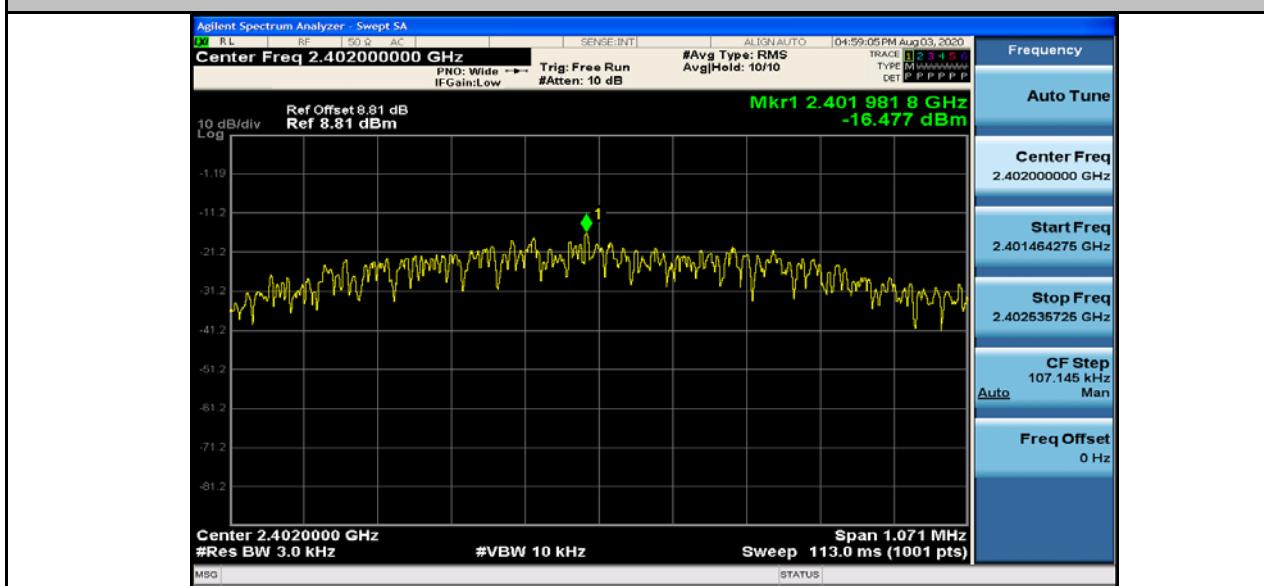
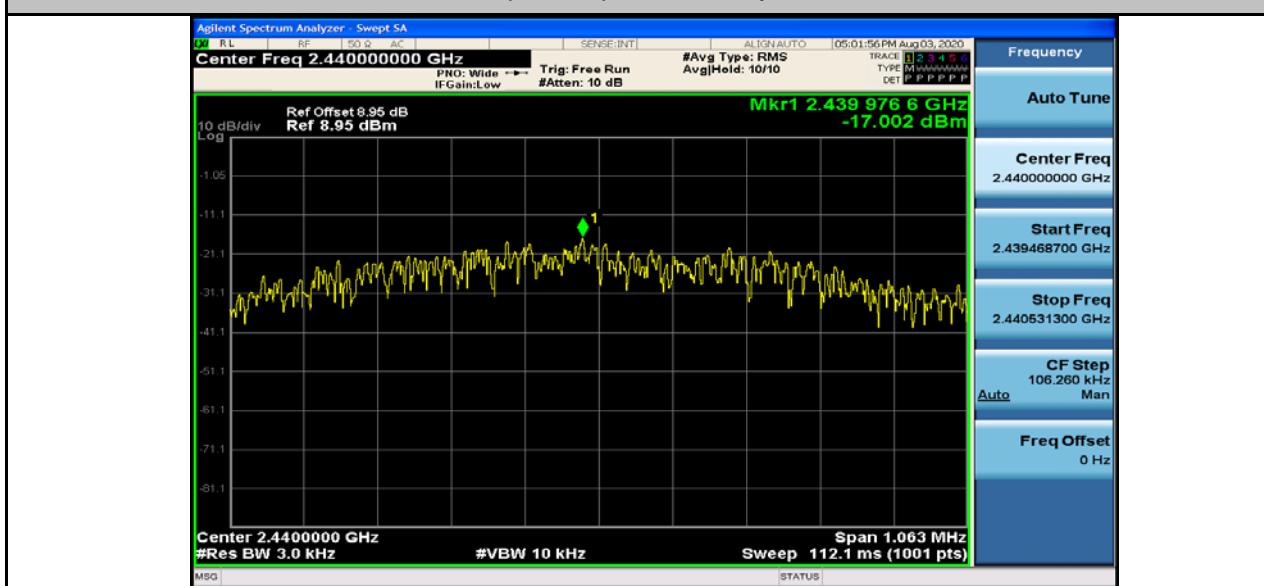
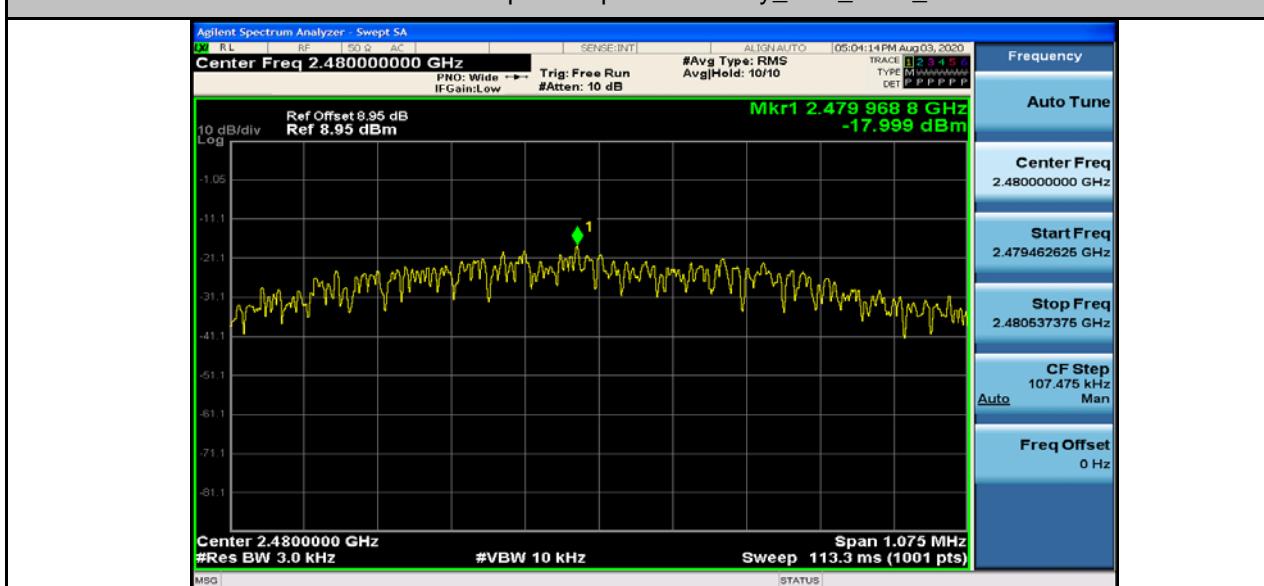
Maximum peak conducted output power_BLE_2480_2M



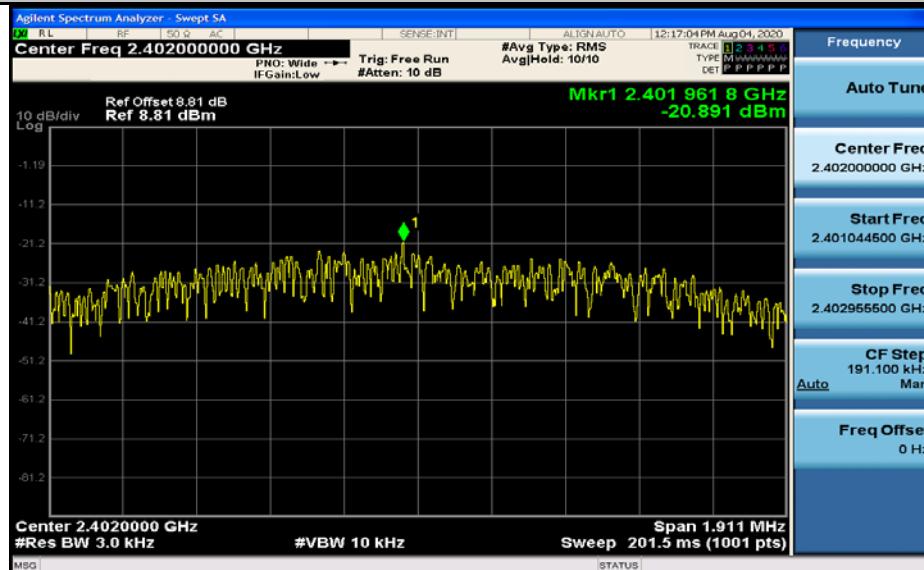


4. Maximum Peak power spectral density

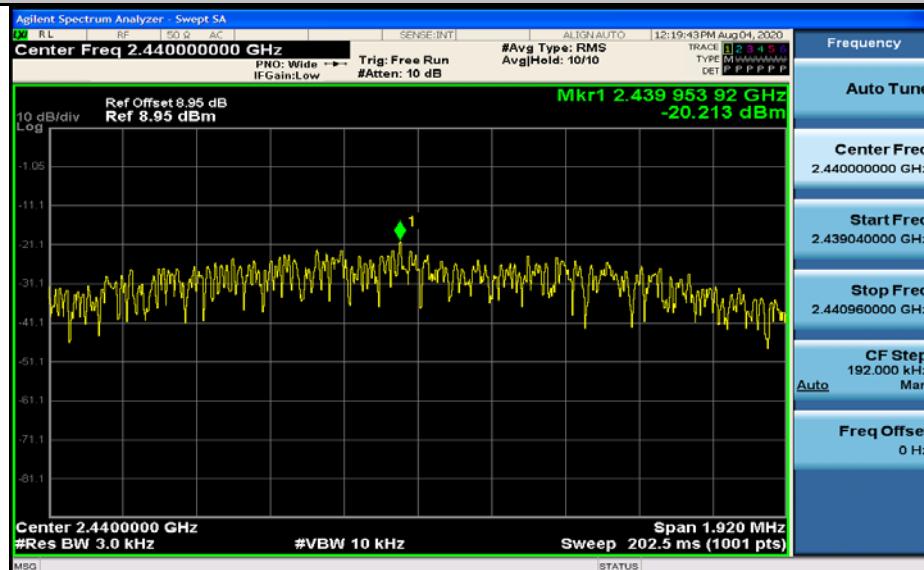
| Test Mode | Test Channel | PSD[dBm/3kHz] | | Limit[dBm/3kHz] | Verdict |
|-----------|--------------|---------------|--------|-----------------|---------|
| | | 1M | 2M | | |
| BLE | 2402 | -16.48 | -20.89 | 8.00 | PASS |
| BLE | 2440 | -17 | -20.21 | 8.00 | PASS |
| BLE | 2480 | -18 | -22.73 | 8.00 | PASS |

Maximum Peak power spectral density_BLE_2402_1M**Maximum Peak power spectral density_BLE_2440_1M****Maximum Peak power spectral density_BLE_2480_1M**

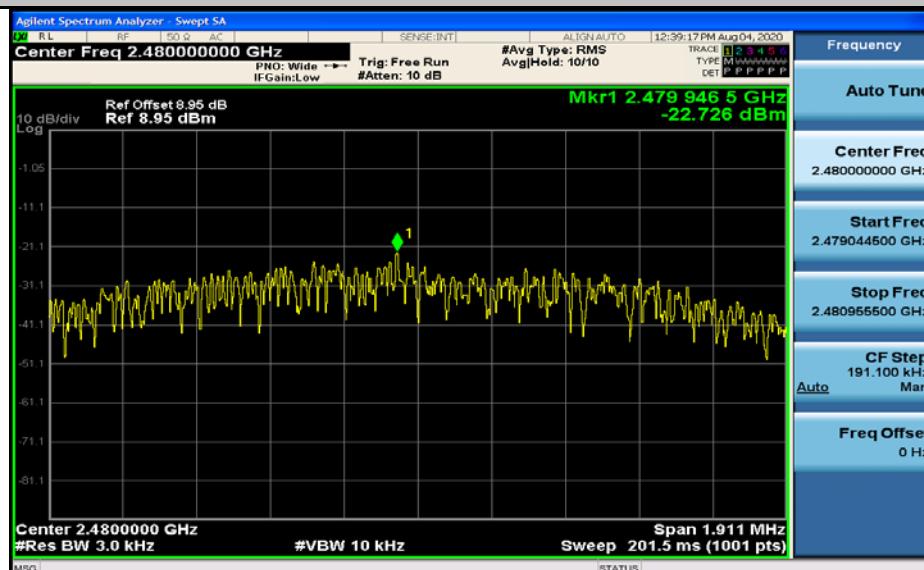
Maximum Peak power spectral density_BLE_2402_2M



Maximum Peak power spectral density_BLE_2440_2M



Maximum Peak power spectral density_BLE_2480_2M

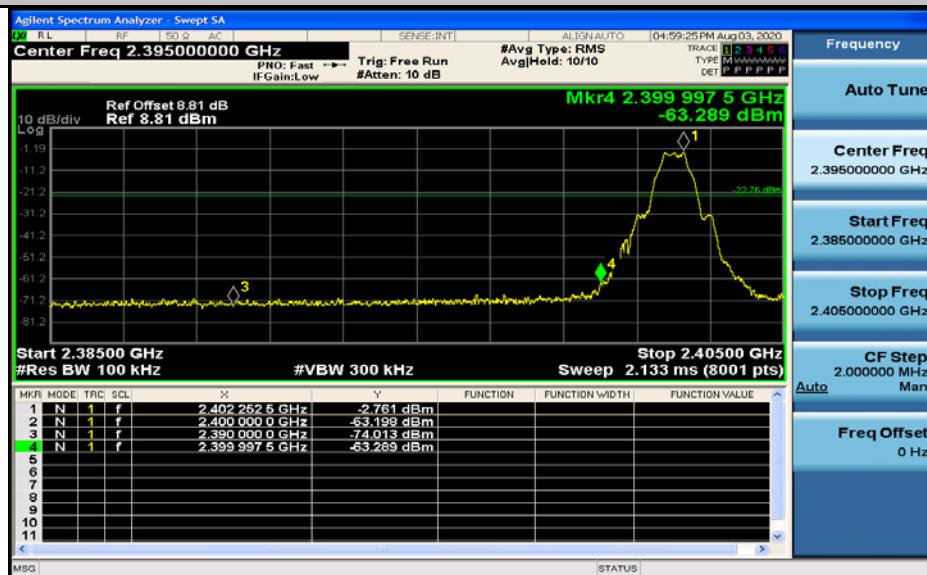




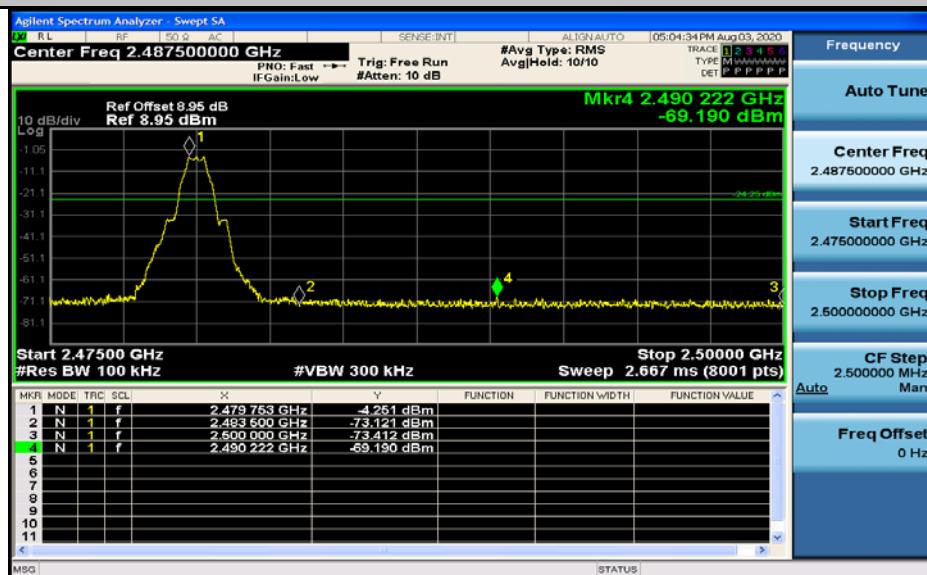
5.Band-edge for RF Conducted Emissions

| Test Mode | Test Channel | Carrier Power[dBm] | | Max. Spurious Level [dBm] | | Limit [dBm] | Verdict |
|-----------|--------------|--------------------|-------|---------------------------|--------|-------------|---------|
| | | 1M | 2M | 1M | 2M | | |
| BLE | 2402 | -2.76 | -4.66 | -63.20 | -37.25 | -22.76 | PASS |
| BLE | 2480 | -4.25 | -6.50 | -69.19 | -69.31 | -24.25 | PASS |

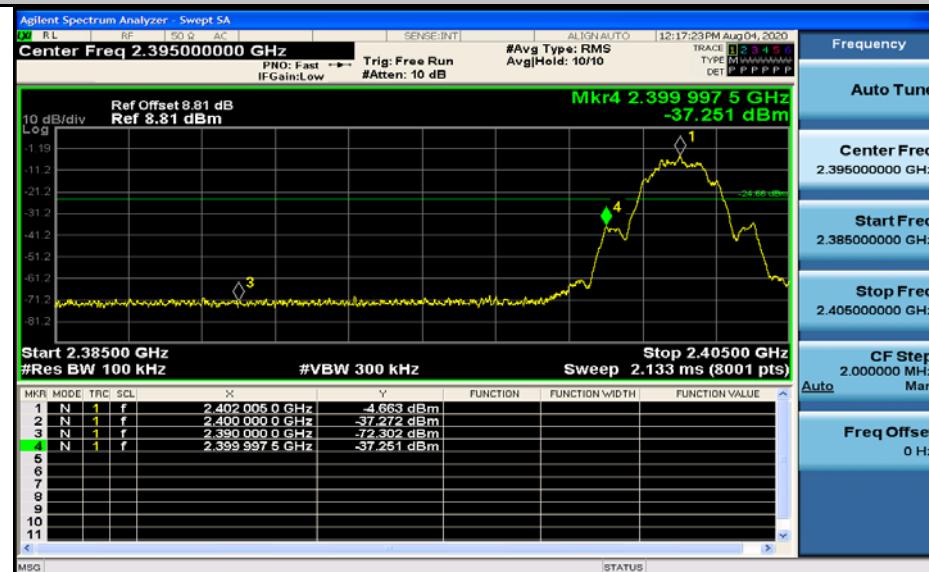
Band-edge for RF Conducted Emissions_BLE_2402_Hopping Off_1M



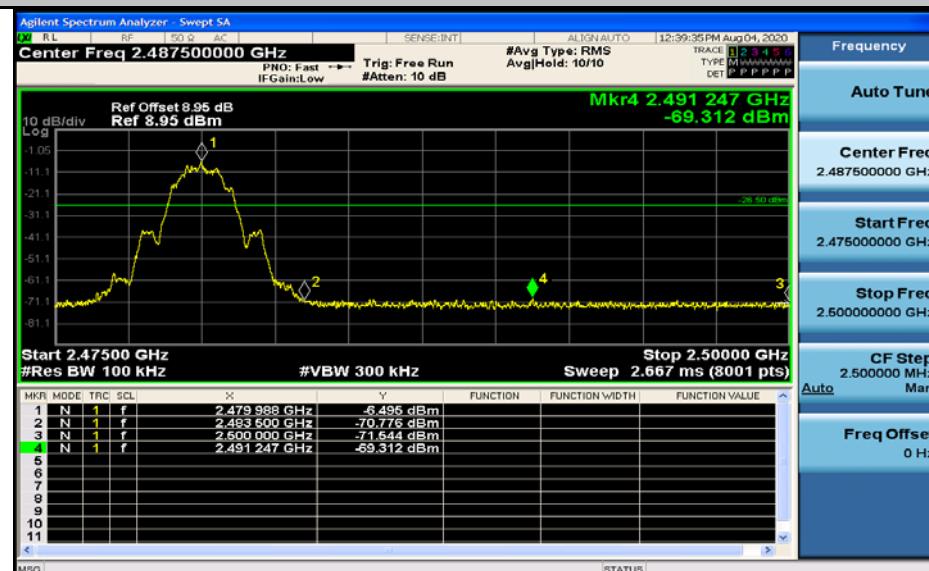
Band-edge for RF Conducted Emissions_BLE_2480_Hopping Off_1M



Band-edge for RF Conducted Emissions_BLE_2402_Hopping Off_2M



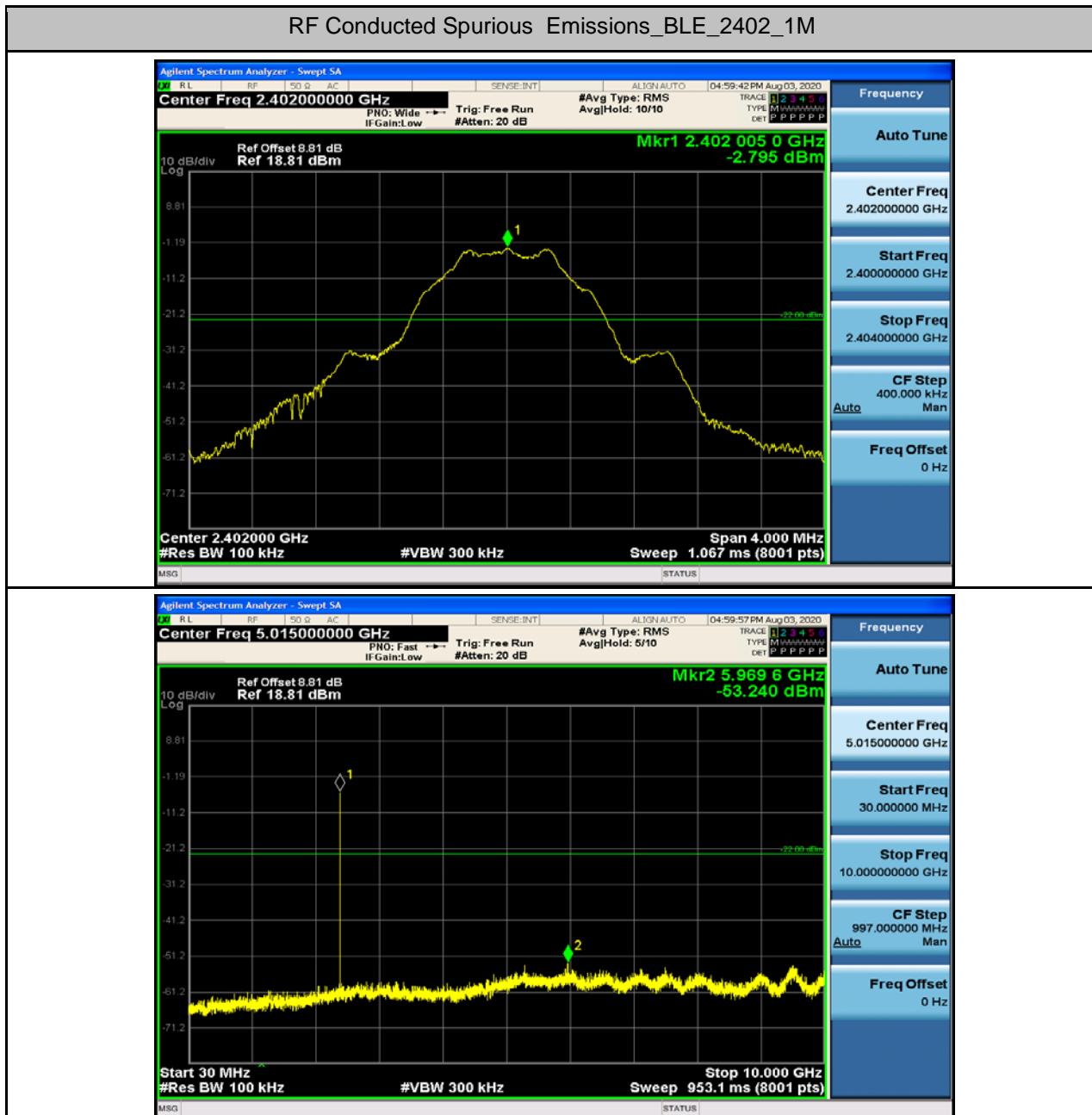
Band-edge for RF Conducted Emissions_BLE_2480_Hopping Off_2M

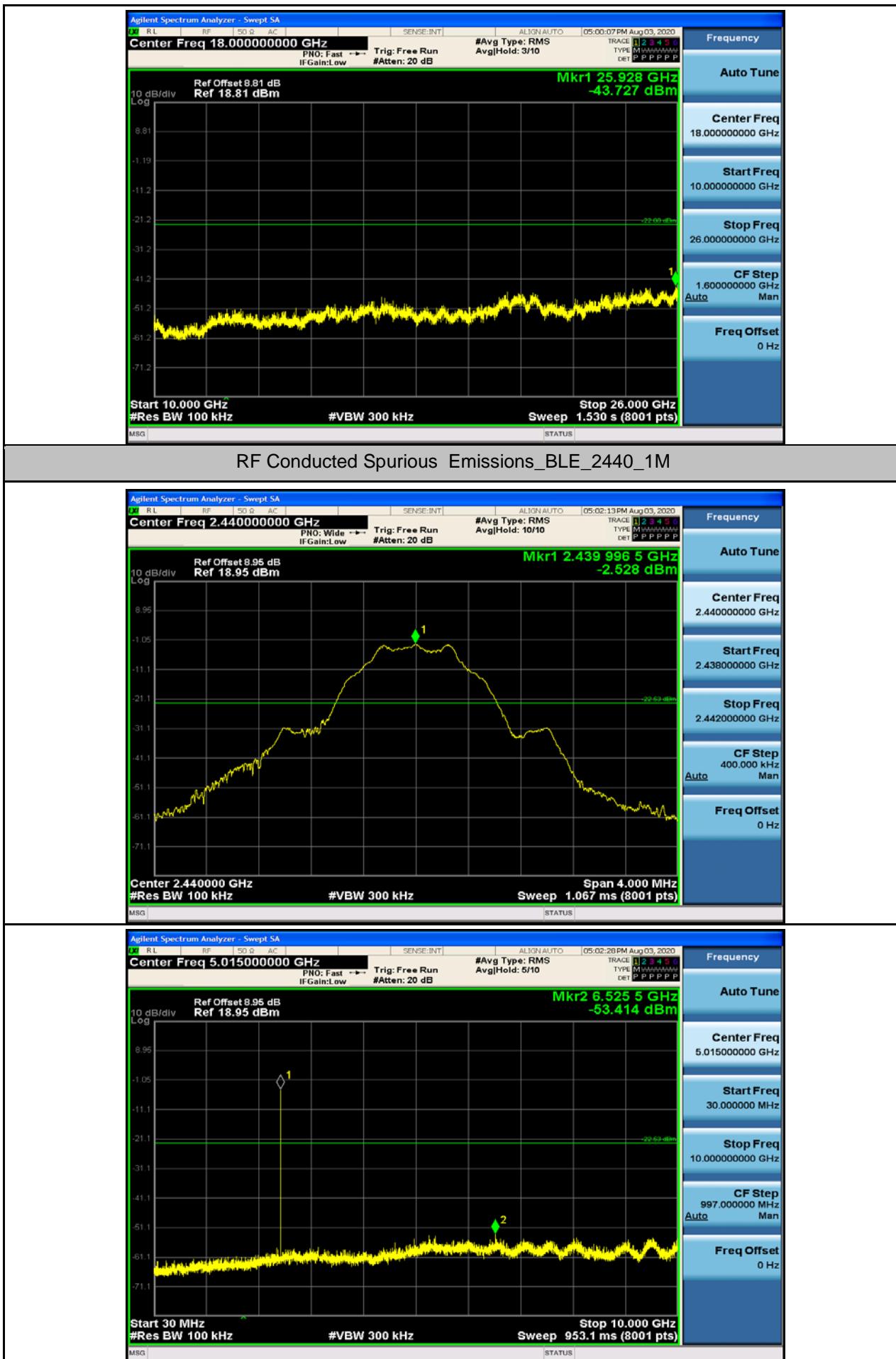




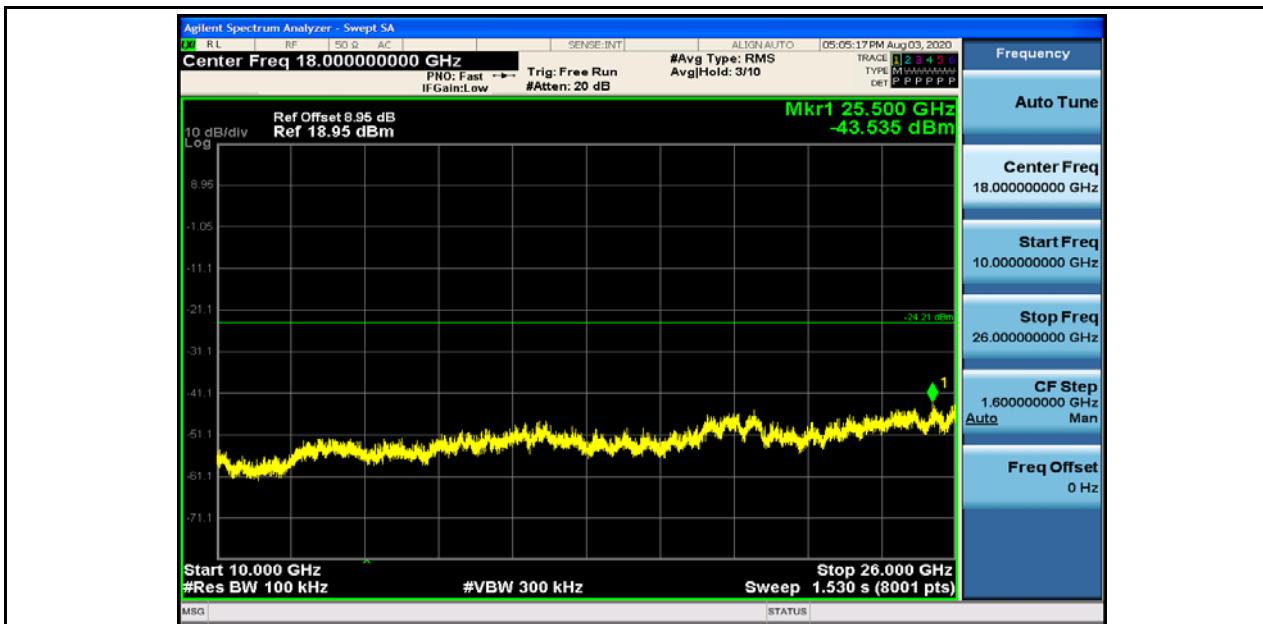
6.RF Conducted Spurious Emissions

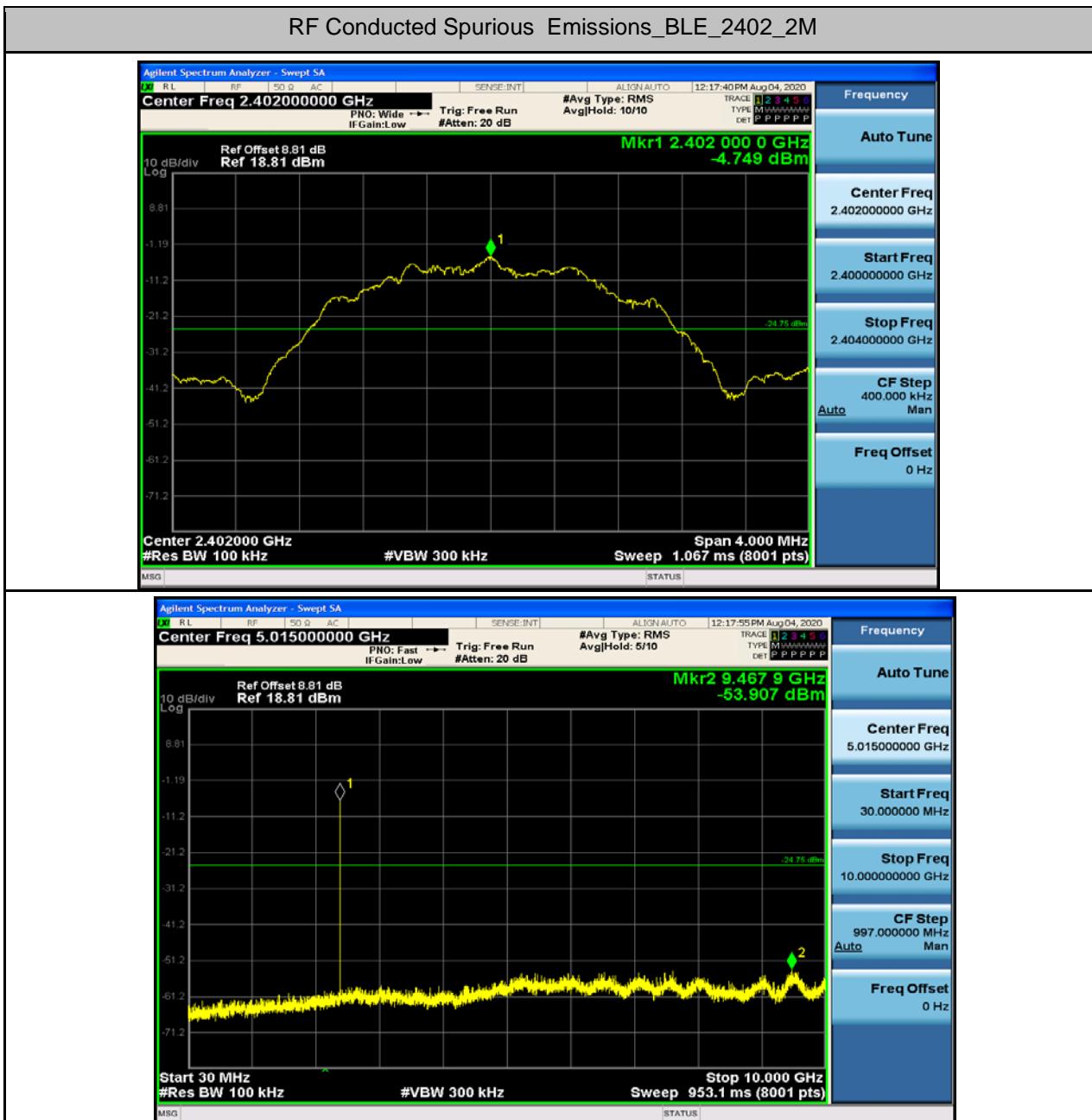
| Test Mode | Test Channel | StartFre [MHz] | StopFre [MHz] | RBW [kHz] | VBW [kHz] | Pref[dBm] | | Max. Level [dBm] | | Limit [dBm] | | Verdict |
|-----------|--------------|----------------|---------------|-----------|-----------|-----------|--------|------------------|---------|-------------|----------|---------|
| | | | | | | 1M | 2M | 1M | 2M | 1M | 2M | |
| BLE | 2402 | 30 | 10000 | 100 | 300 | -2.80 | -4.75 | -53.24 | -53.91 | -53.24 | <-24.75 | PASS |
| BLE | 2402 | 10000 | 26000 | 100 | 300 | -2.795 | -4.749 | -43.727 | -42.991 | - | <-24.749 | PASS |
| BLE | 2440 | 30 | 10000 | 100 | 300 | -2.53 | -3.99 | -53.41 | -54.41 | -53.41 | <-23.99 | PASS |
| BLE | 2440 | 10000 | 26000 | 100 | 300 | -2.528 | -3.99 | -43.936 | -43.956 | - | <-23.99 | PASS |
| BLE | 2480 | 30 | 10000 | 100 | 300 | -4.21 | -6.50 | -53.49 | -53.49 | -53.49 | <-26.50 | PASS |
| BLE | 2480 | 10000 | 26000 | 100 | 300 | -4.21 | -6.497 | -43.535 | -43.918 | - | <-26.497 | PASS |

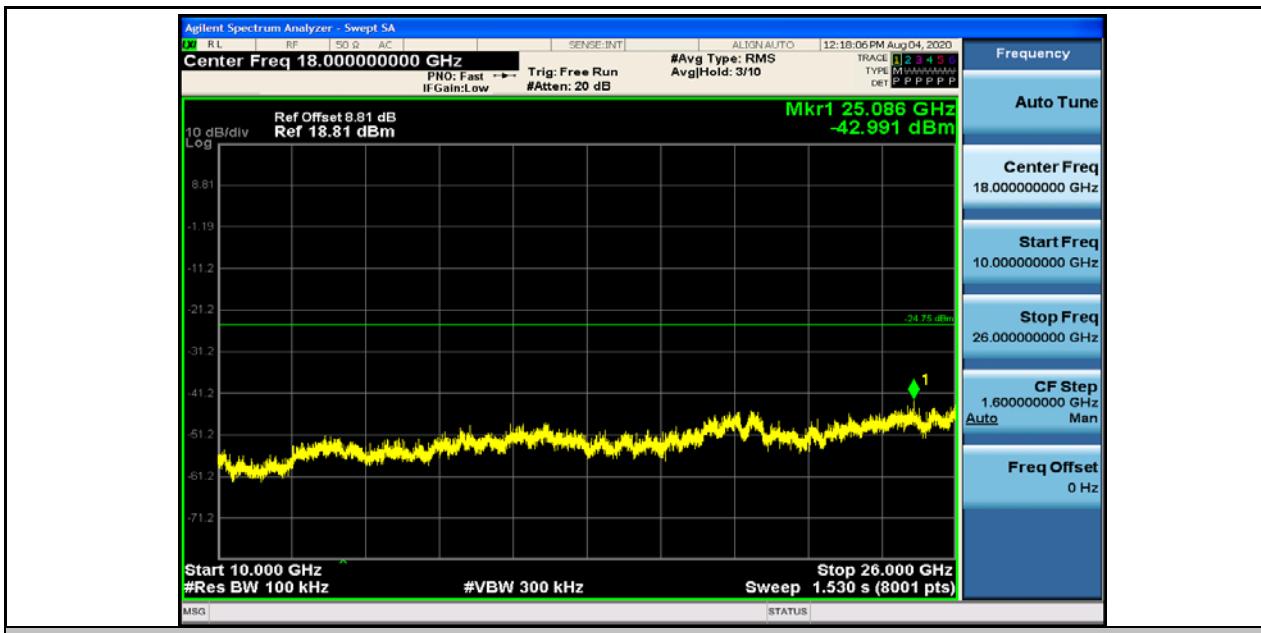




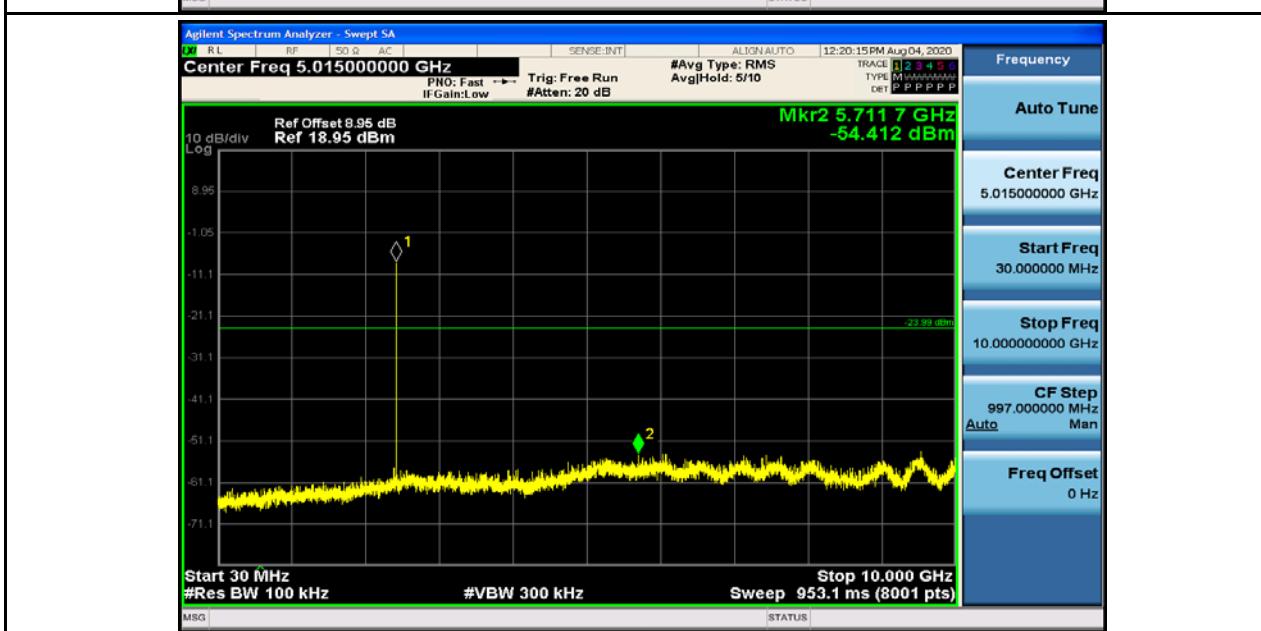
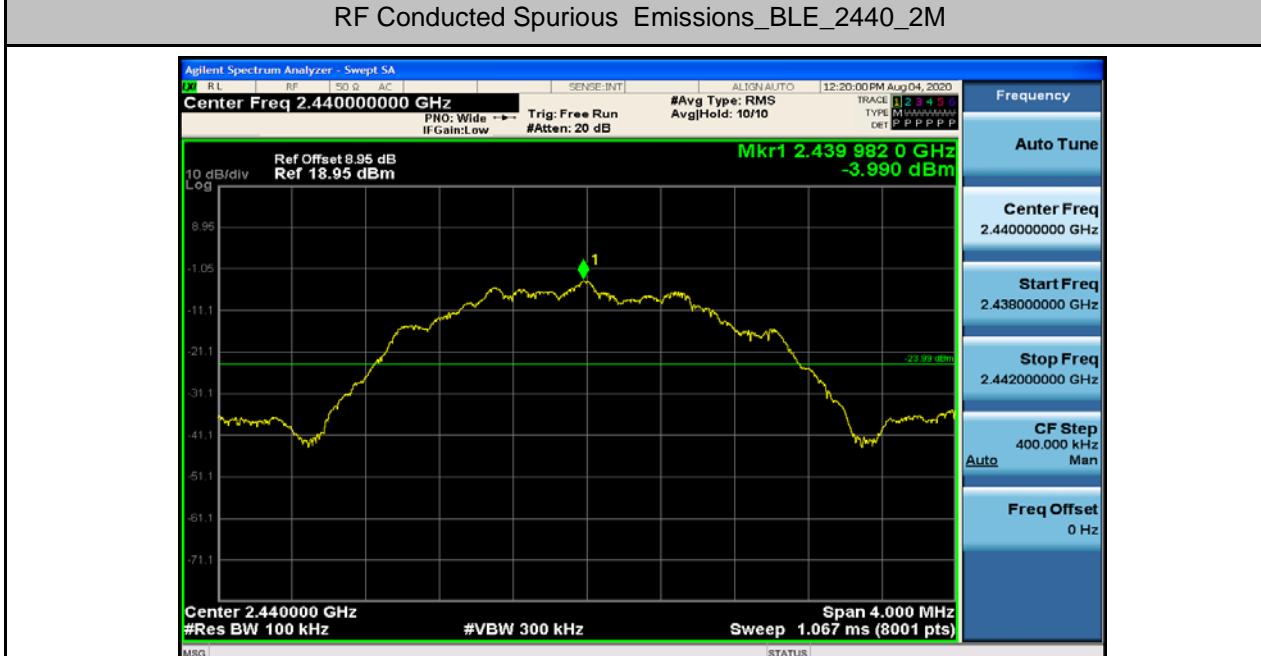


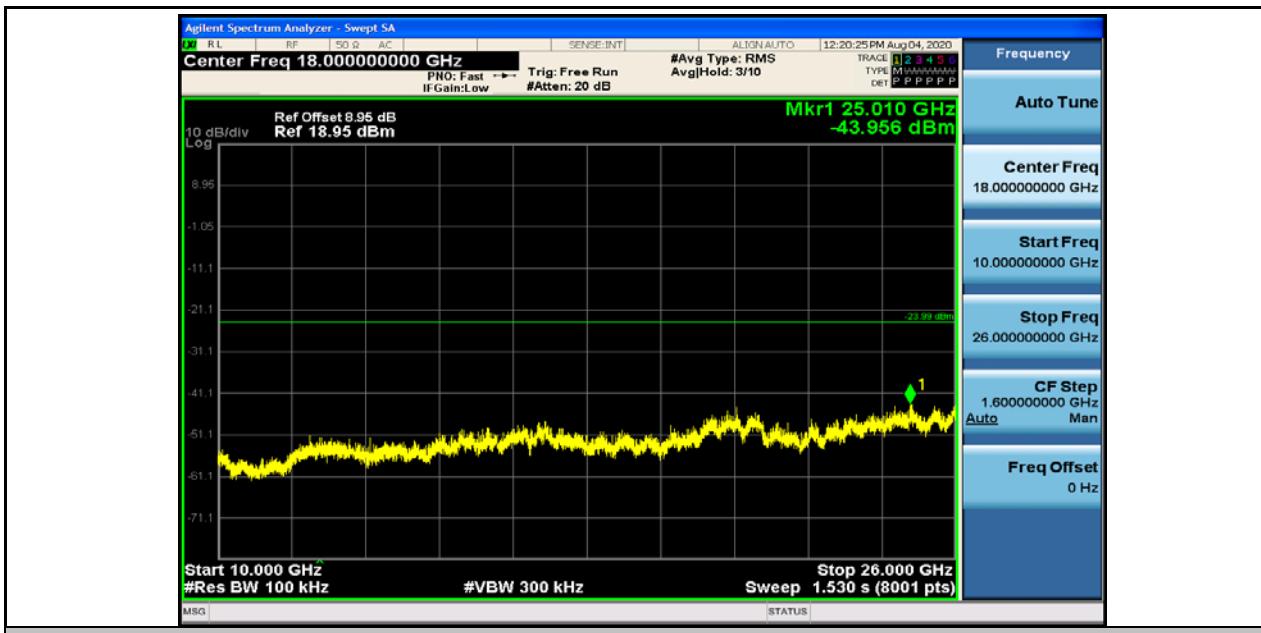






RF Conducted Spurious Emissions_BLE_2440_2M





RF Conducted Spurious Emissions_BLE_2480_2M

