Appendix B

RF Test Data for BT V4.0(BT LE) (Conducted Measurement)

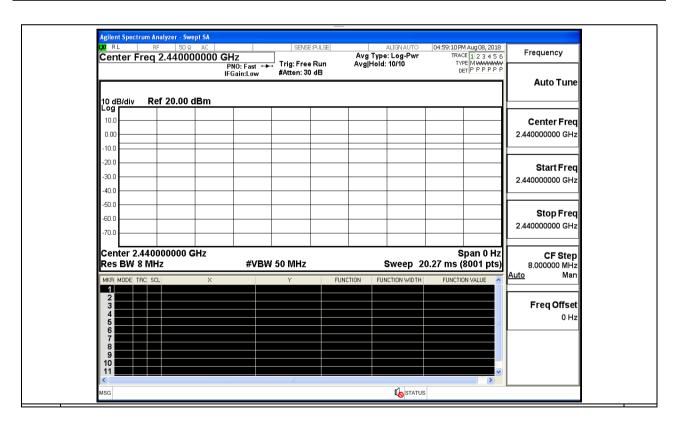
Product Name: 3G smartphone
Trade Mark: GOL
Test Model: F3

Environmental Conditions

| | Temperature: | 24.2 ° C | | | | |
|--------------------|----------------|-------------|--|--|--|--|
| Relative Humidity: | | 52.6% | | | | |
| | ATM Pressure: | 100.0 kPa | | | | |
| | Test Engineer: | Tom Liu | | | | |
| | Supervised by: | Jayden Zhuo | | | | |

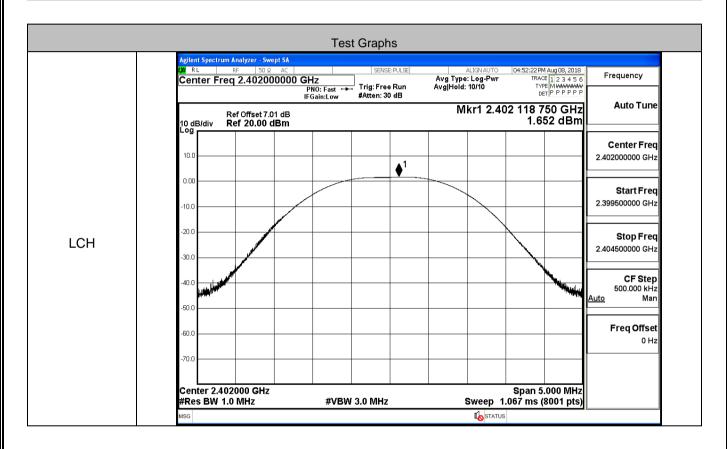
B.1 Duty Cycle

| Test Mode | Test Channel | Ant | Duty Cycle[%] | Verdict |
|-----------|--------------|------|---------------|---------|
| BT LE | 2440 | Ant1 | 100 | PASS |



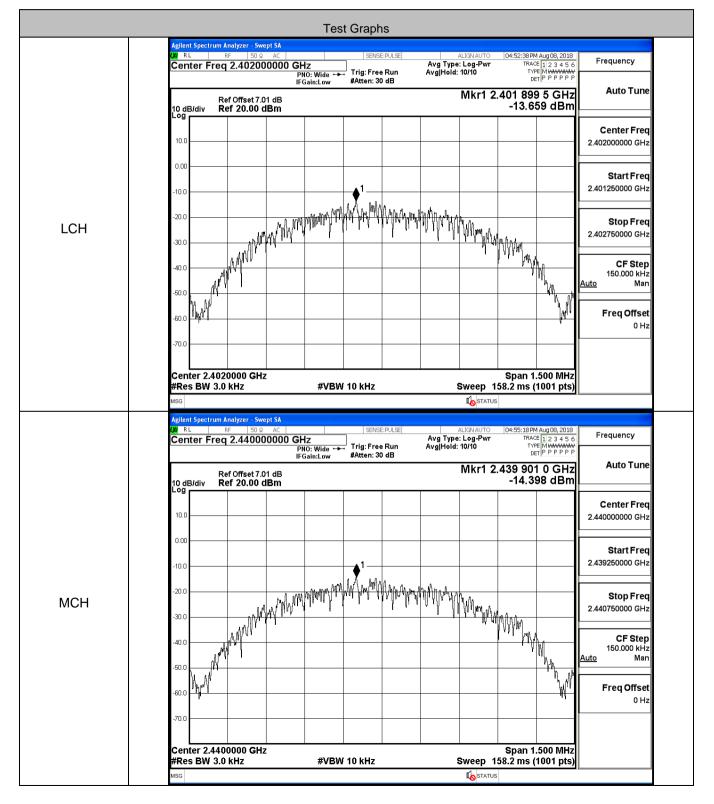
B.2 Maximum Conducted Peak Output Power

| Mode | Channel | Conduct Peak Power[dBm] | Conduct Average Power[dBm] | Limit [dBm] | Verdict |
|-------|---------|-------------------------|----------------------------|-------------|---------|
| BT LE | LCH | 1.652 | 1.525 | 30 | PASS |
| BT LE | MCH | 0.893 | 0.703 | 30 | PASS |
| BT LE | НСН | -0.227 | -0.397 | 30 | PASS |

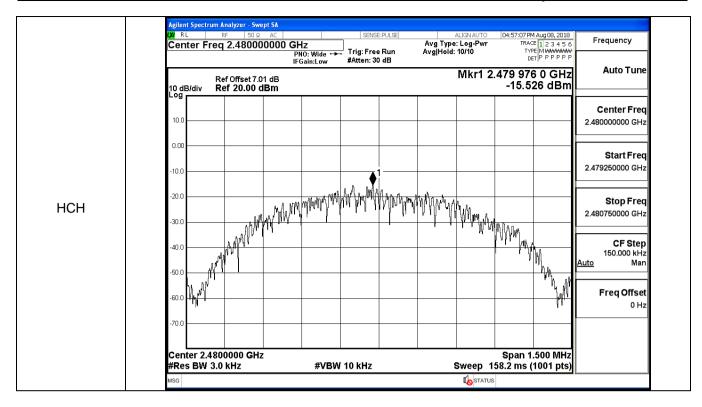


B.3 Maximum Power Spectral Density

| Mode | Channel | PSD [dBm/3KHz] | Limit [dBm/3KHz] | Verdict |
|-------|---------|----------------|------------------|---------|
| BT LE | LCH | -13.659 | 8 | PASS |
| BT LE | MCH | -14.398 | 8 | PASS |
| BT LE | НСН | -15.526 | 8 | PASS |

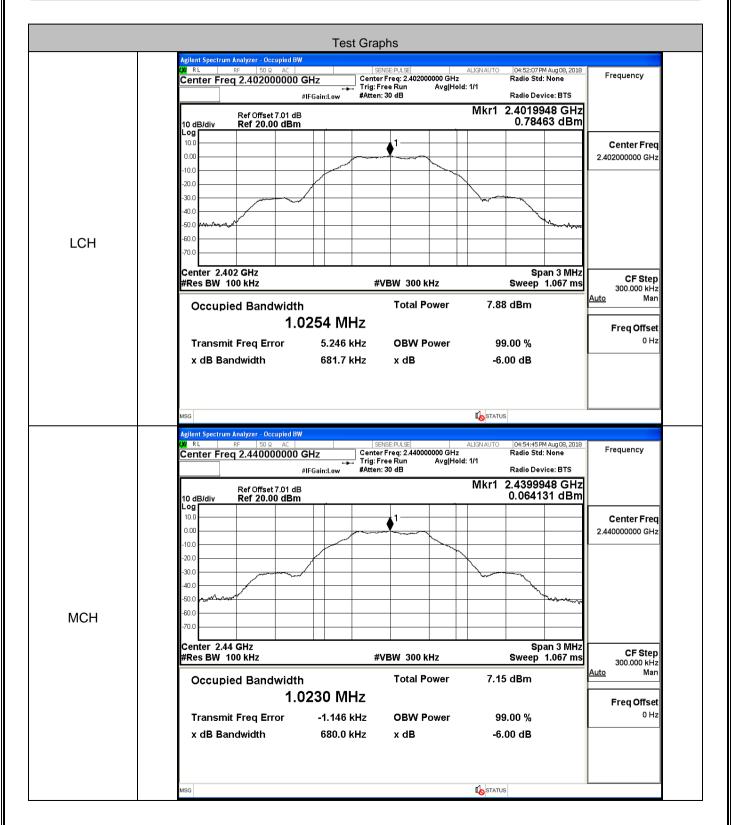


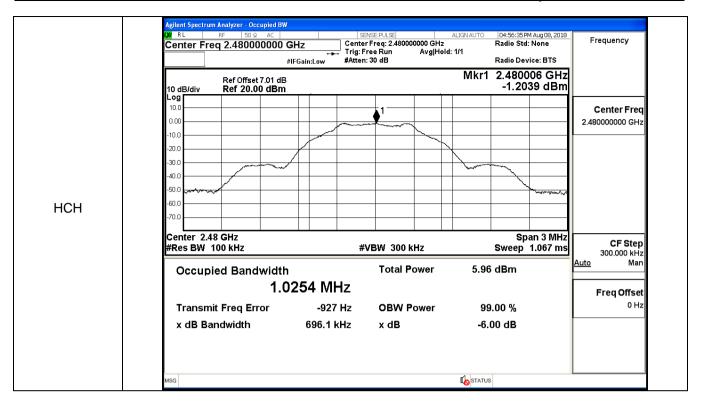
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B.4 6dB Bandwidth

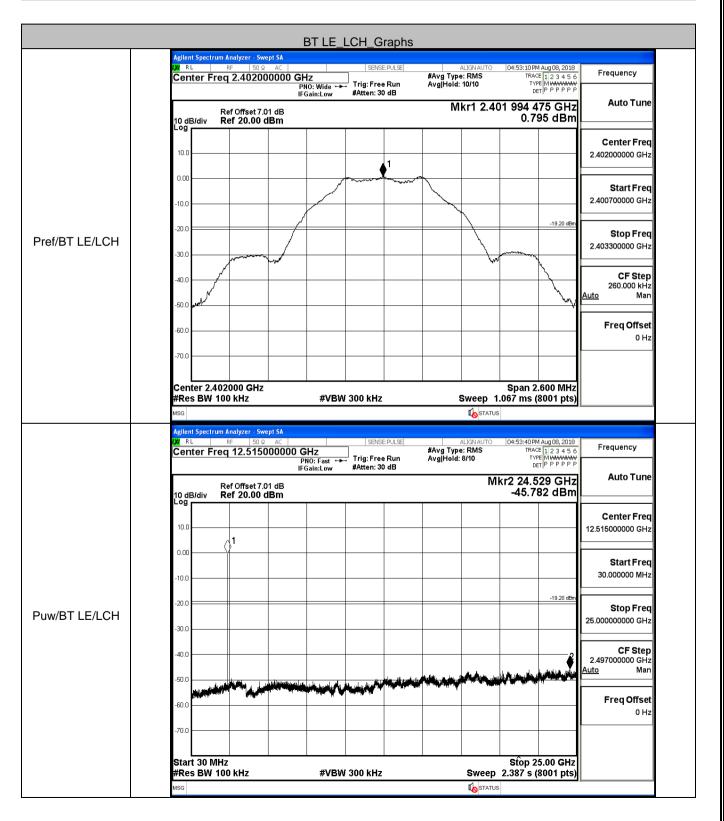
| Mode | Channel 6dB Bandwidth [MHz] | | Limit [MHz] | Verdict |
|-------|-----------------------------|--------|-------------|---------|
| BT LE | LCH | 0.6817 | ≥0.5 | PASS |
| BT LE | MCH | 0.6800 | ≥0.5 | PASS |
| BT LE | HCH | 0.6961 | ≥0.5 | PASS |



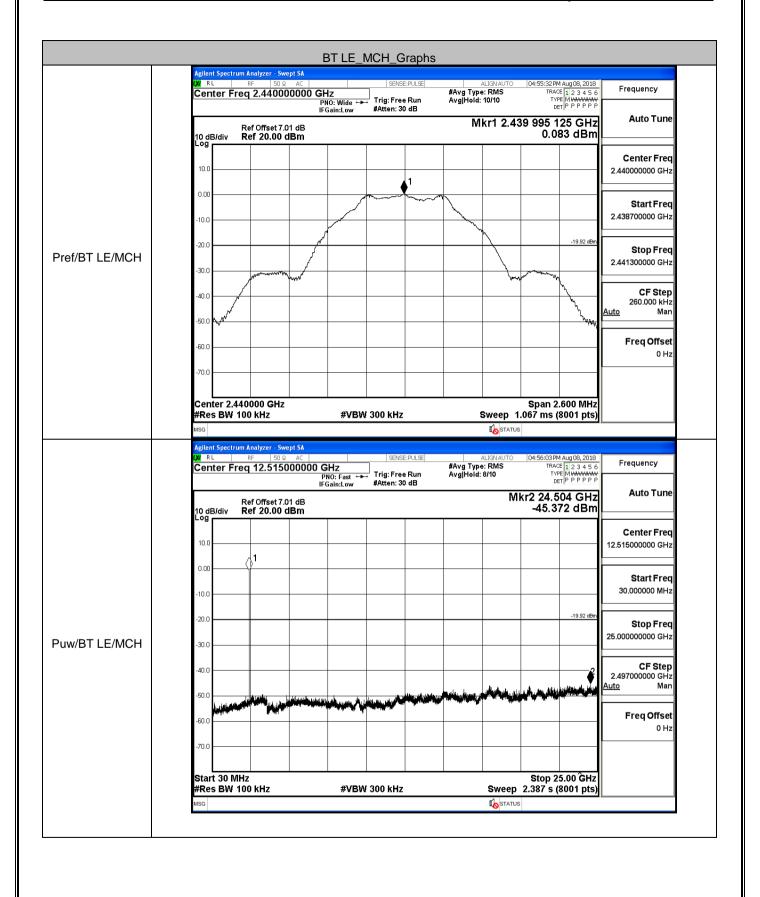


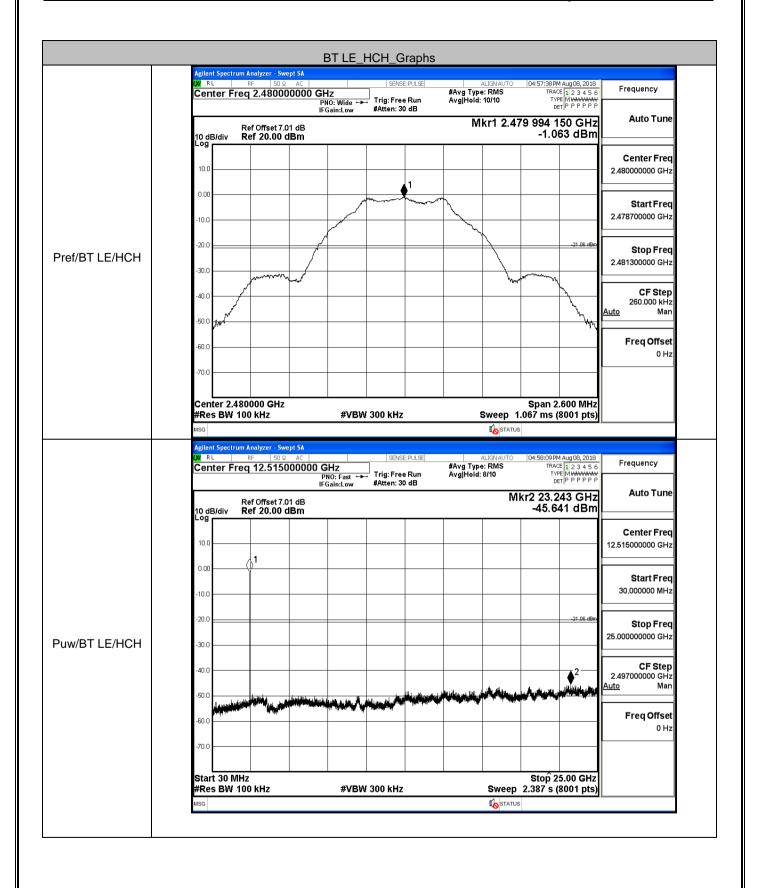
B.5 RF Conducted Spurious Emissions

| Mode | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|------------|------------------|-------------|---------|
| BT LE | LCH | 0.795 | -45.782 | -19.205 | PASS |
| BT LE | MCH | 0.083 | -45.372 | -19.917 | PASS |
| BT LE | НСН | -1.063 | -45.641 | -21.063 | PASS |



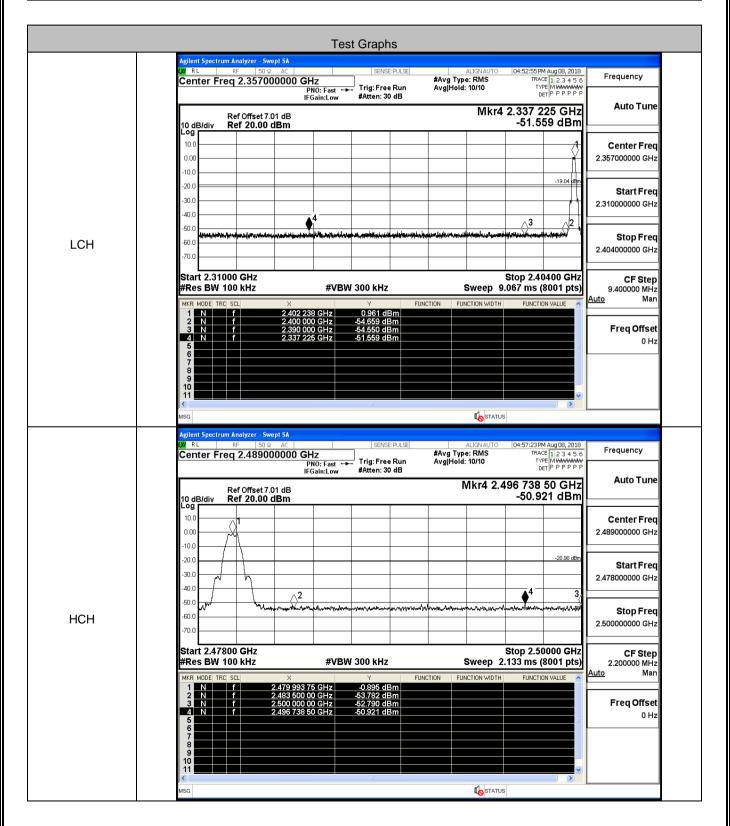
| SHENZHEN LCS COMPLIA | ANCE TESTING LABORATORY LT | TD. | FCC ID: 2AEJAGOLF3PR | Re | eport No.: LCS180712051AE0 | <u>2</u> |
|----------------------|----------------------------|-----------|----------------------|----|----------------------------|----------|
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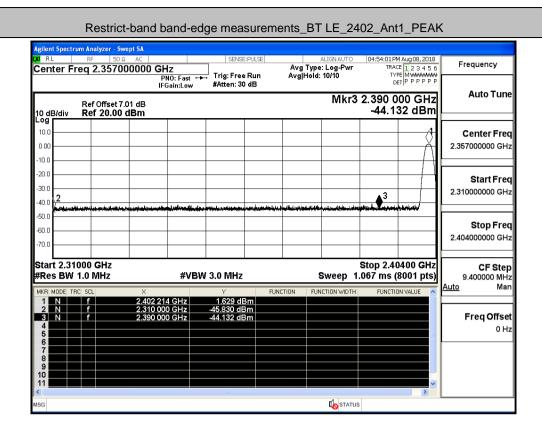
B.6 Band-edge for RF Conducted Emissions

| Mode | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|--------------------|-----------------------------|-------------|---------|
| BT LE | LCH | 0.961 | -51.559 | -19.04 | PASS |
| BT LE | HCH | -0.895 | -50.921 | -20.9 | PASS |

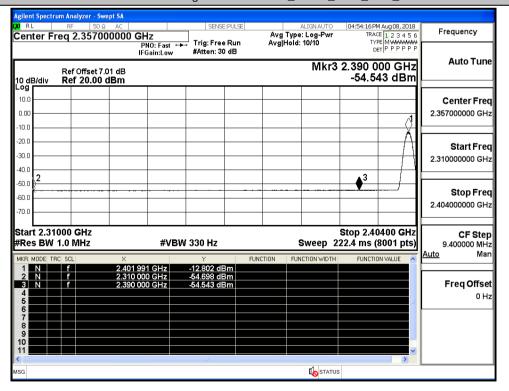


B.7 Restrict-band band-edge measurements

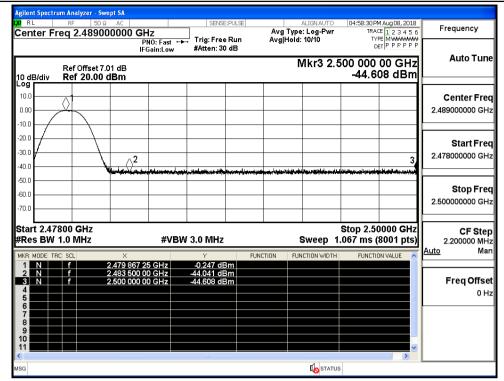
| Test Mode | Test Chann el | Ant | Freq. | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/ m] | Verdi |
|--------------|---------------------|------|--------|----------------|------|------------------|---------------|----------|-----------------------|-------|
| | | Ant1 | 2310.0 | -45.83 | 2.0 | 0 | 51.43 | PEAK | 74 | PASS |
| | | Ant1 | 2310.0 | -54.70 | 2.0 | 0 | 42.56 | AV | 54 | PASS |
| | 2402 | Ant1 | 2390.0 | -44.13 | 2.0 | 0 | 53.13 | PEAK | 74 | PASS |
| | | Ant1 | 2390.0 | -54.54 | 2.0 | 0 | 42.71 | AV | 54 | PASS |
| BT LE | TLE | Ant1 | 2483.5 | -44.04 | 2.0 | 0 | 53.22 | PEAK | 74 | PASS |
| | | Ant1 | 2483.5 | -54.22 | 2.0 | 0 | 43.03 | AV | 54 | PASS |
| | 2480 | Ant1 | 2500.0 | -44.61 | 2.0 | 0 | 52.65 | PEAK | 74 | PASS |
| | | Ant1 | 2500.0 | -54.19 | 2.0 | 0 | 43.06 | AV | 54 | PASS |



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

