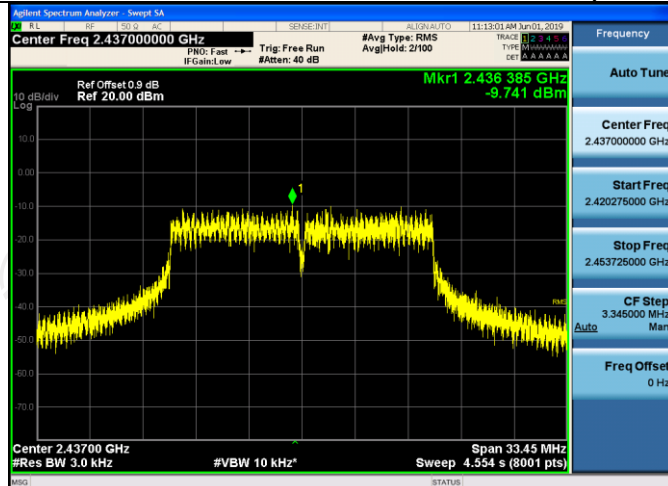
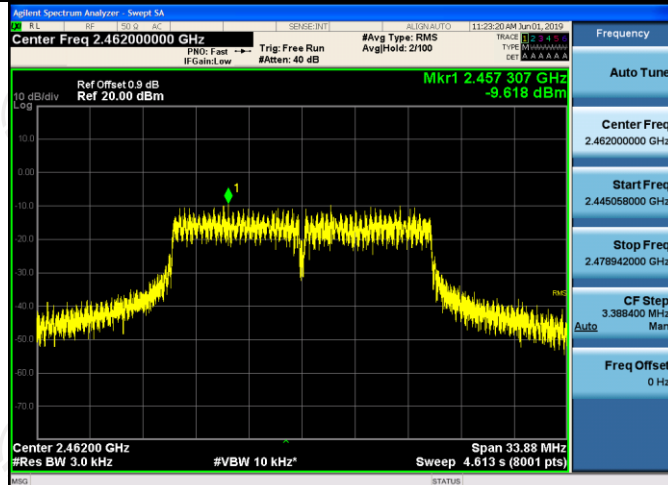


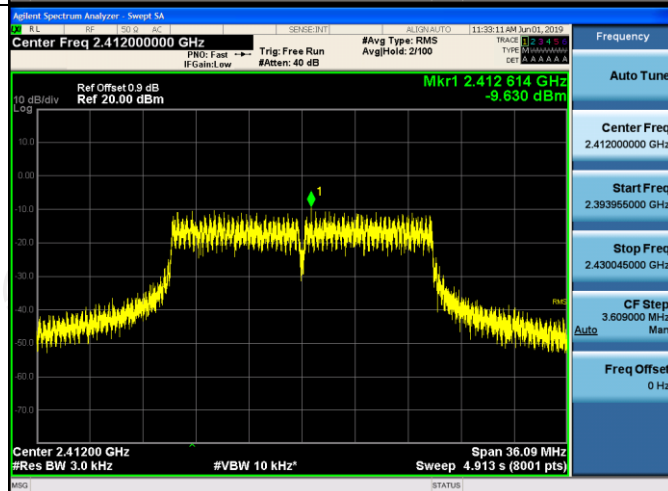
11G/MCH

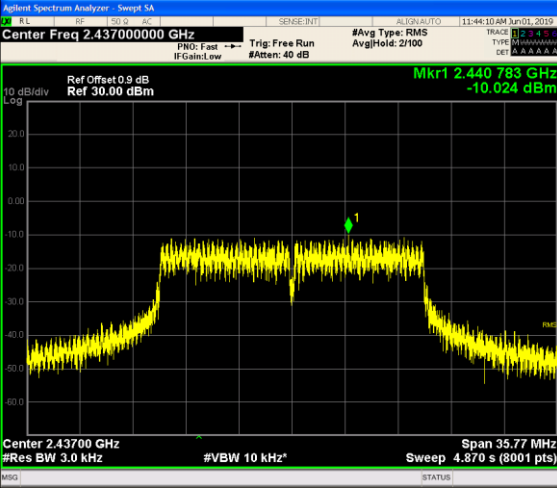
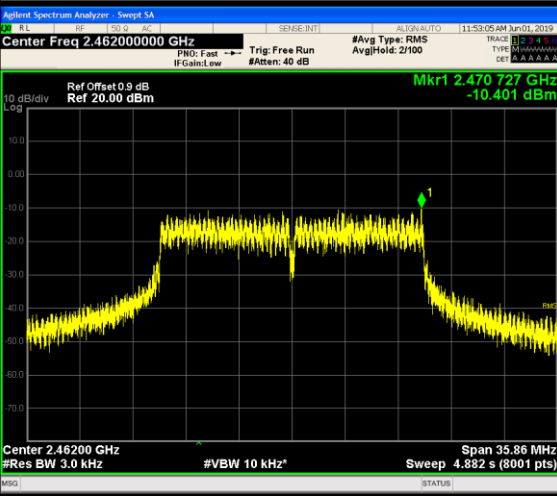
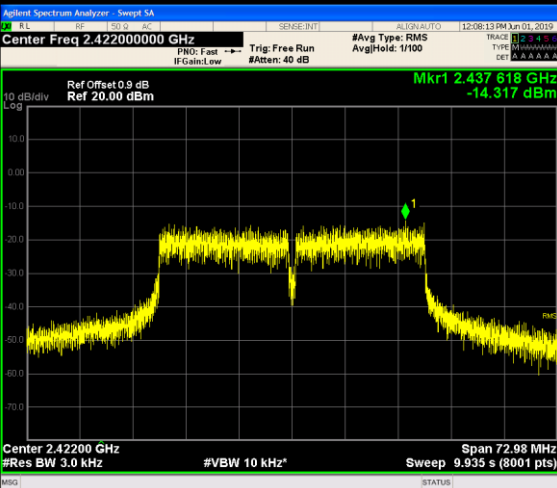


11G/HCH

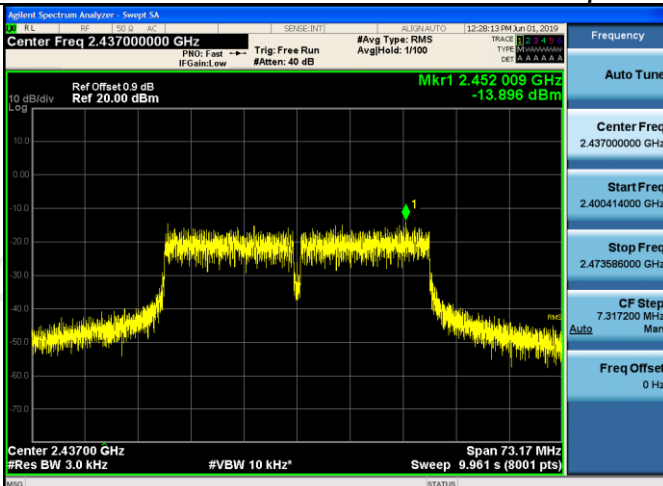


11N20SISO/LCH

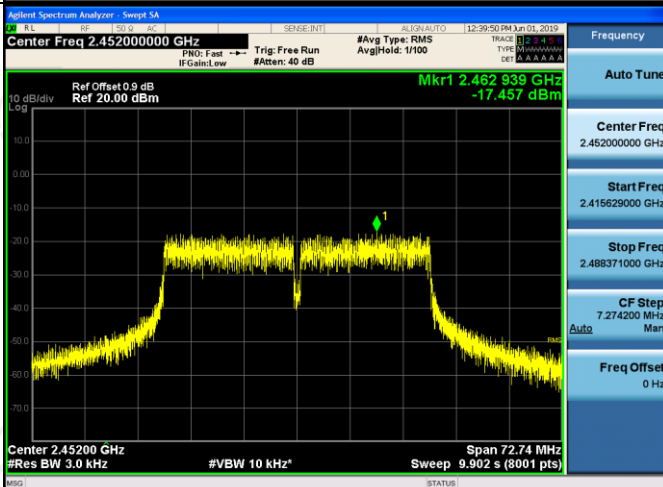


|               |                                                                                      |                                                                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11N20SISO/MCH |    | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>2.437000000 GHz</p> <p>Start Freq<br/>2.419114000 GHz</p> <p>Stop Freq<br/>2.454886000 GHz</p> <p>CF Step<br/>3.577200 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |
| 11N20SISO/HCH |   | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>2.462000000 GHz</p> <p>Start Freq<br/>2.444070000 GHz</p> <p>Stop Freq<br/>2.479930000 GHz</p> <p>CF Step<br/>3.586000 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |
| 11N40SISO/LCH |  | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq<br/>2.422000000 GHz</p> <p>Start Freq<br/>2.385509000 GHz</p> <p>Stop Freq<br/>2.458491000 GHz</p> <p>CF Step<br/>7.298200 MHz<br/>Auto</p> <p>Freq Offset<br/>0 Hz</p> |

11N40SISO/MCH



11N40SISO/HCH



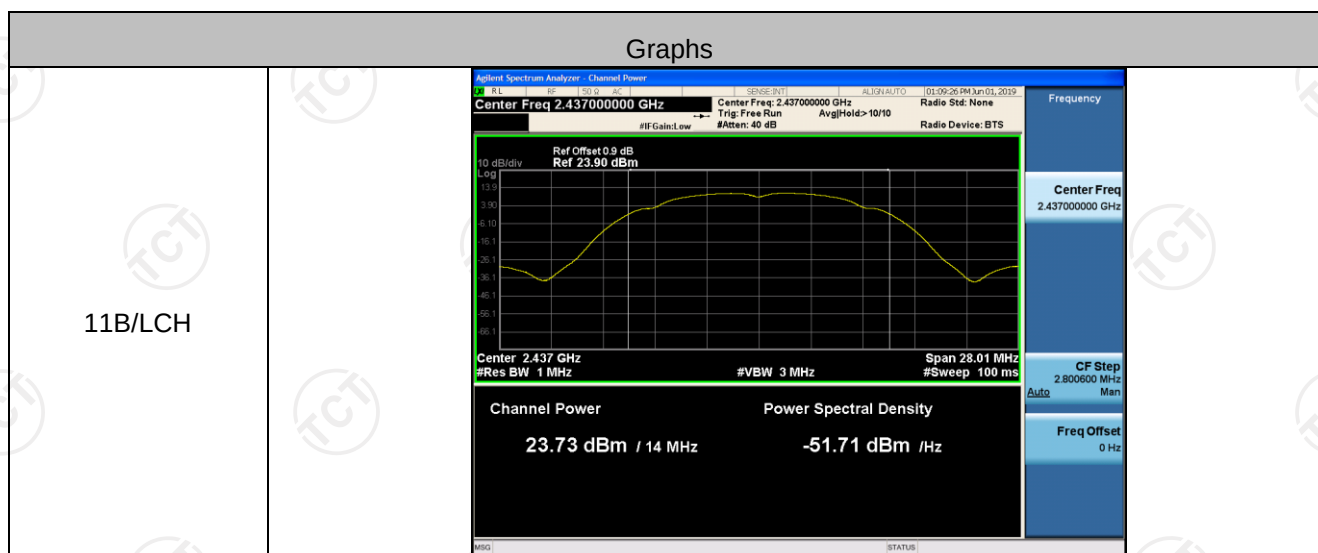
## Antenna 1

### Conducted Average Output Power

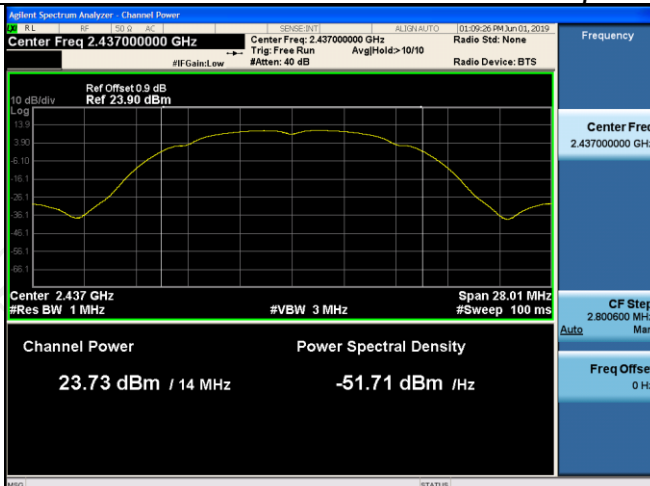
Result Table

| Mode      | Channel | Meas.Level [dBm] | Verdict |
|-----------|---------|------------------|---------|
| 11B       | LCH     | 23.72            | PASS    |
| 11B       | MCH     | 23.73            | PASS    |
| 11B       | HCH     | 23.83            | PASS    |
| 11G       | LCH     | 24.36            | PASS    |
| 11G       | MCH     | 23.83            | PASS    |
| 11G       | HCH     | 24.04            | PASS    |
| 11N20SISO | LCH     | 23.41            | PASS    |
| 11N20SISO | MCH     | 23.4             | PASS    |
| 11N20SISO | HCH     | 23.95            | PASS    |
| 11N40SISO | LCH     | 23.35            | PASS    |
| 11N40SISO | MCH     | 23.74            | PASS    |
| 11N40SISO | HCH     | 23.52            | PASS    |

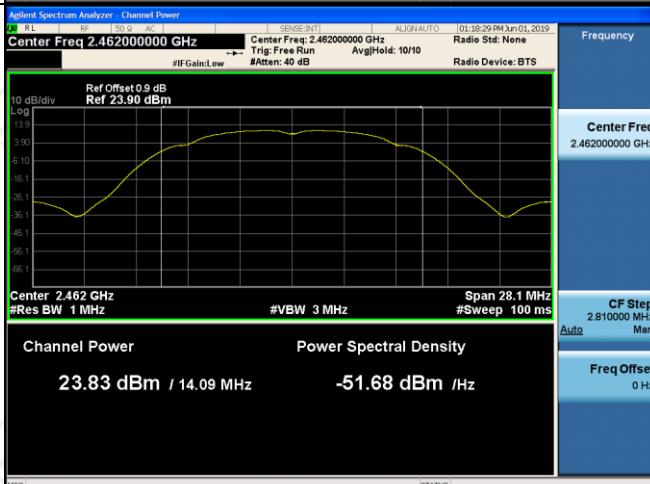
Test Graph



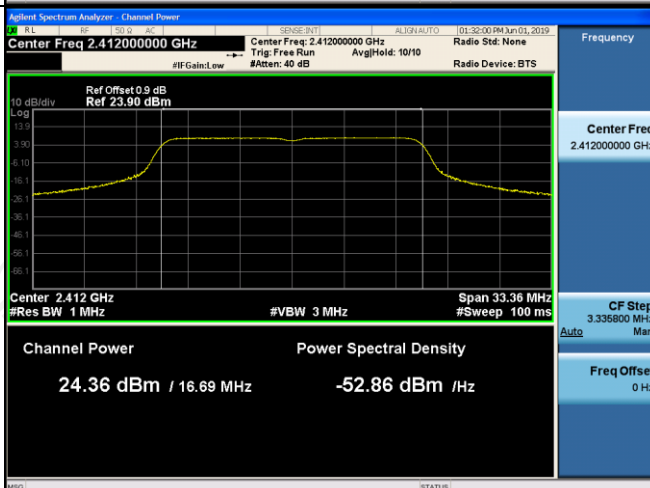
11B/MCH



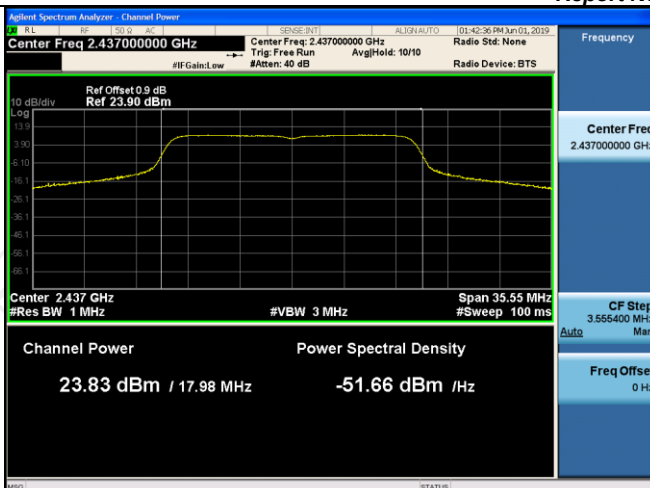
11B/HCH



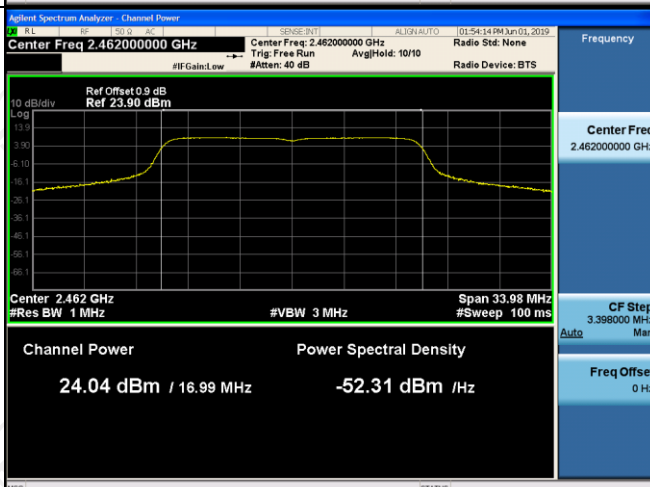
11G/LCH



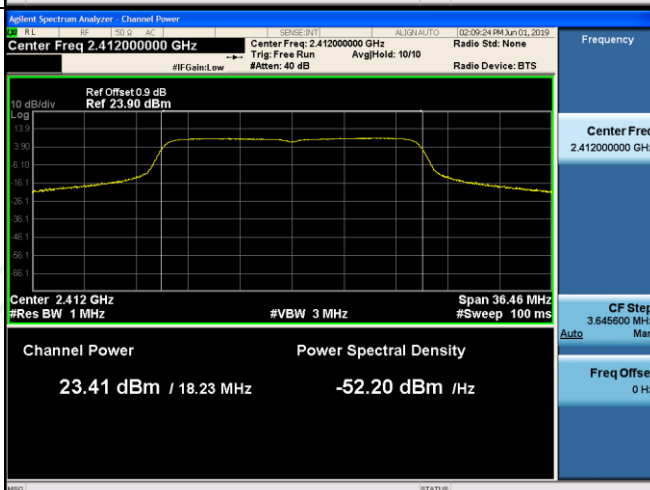
11G/MCH

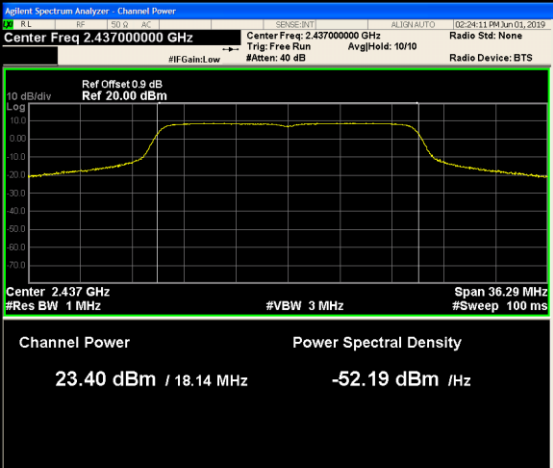
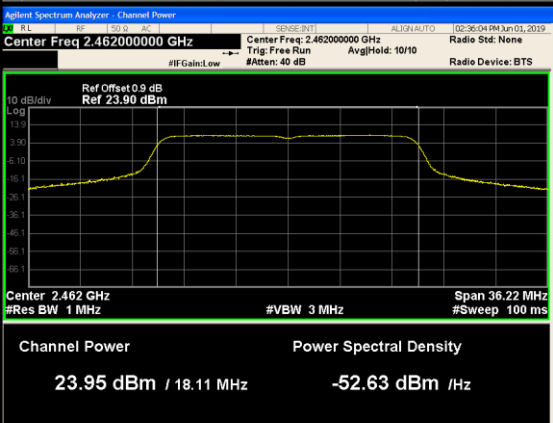
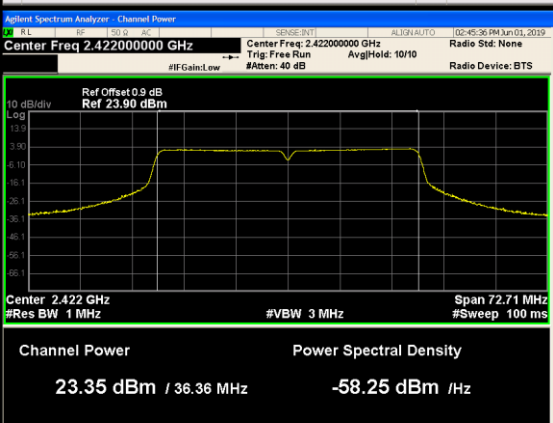


11G/HCH

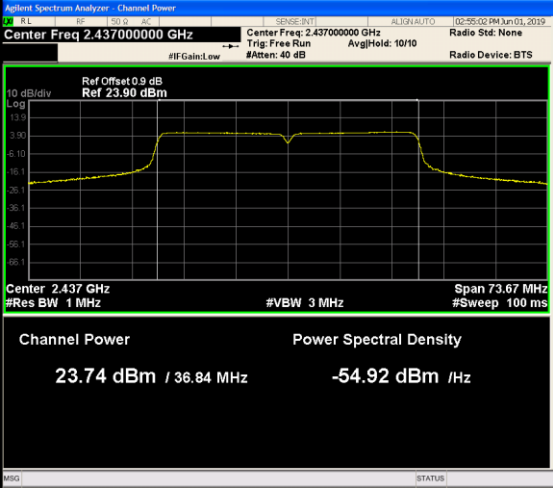
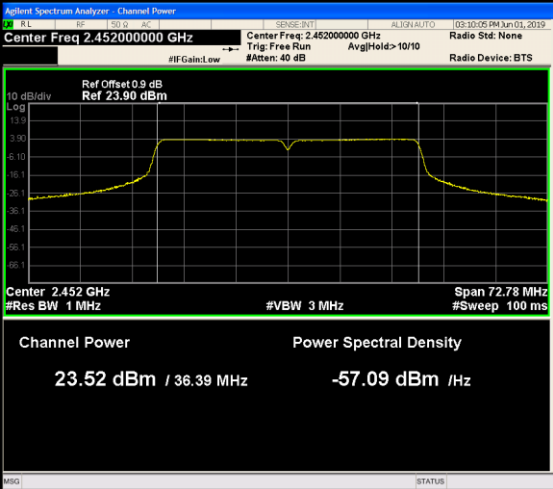


11N20SISO/LCH



|               |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 11N20SISO/MCH |  <p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 0.9 dB<br/>Ref 20.00 dBm</p> <p>Channel Power: 23.40 dBm / 18.14 MHz</p> <p>Power Spectral Density: -52.19 dBm / Hz</p> <p>Center 2.437 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 36.29 MHz<br/>#Sweep 100 ms</p>   | <p>Frequency</p> <p>Center Freq<br/>2.437000000 GHz</p> <p>CF Step<br/>3.628600 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p> |
| 11N20SISO/HCH |  <p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.462000000 GHz</p> <p>Ref Offset 0.9 dB<br/>Ref 23.90 dBm</p> <p>Channel Power: 23.95 dBm / 18.11 MHz</p> <p>Power Spectral Density: -52.63 dBm / Hz</p> <p>Center 2.462 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 36.22 MHz<br/>#Sweep 100 ms</p>  | <p>Frequency</p> <p>Center Freq<br/>2.462000000 GHz</p> <p>CF Step<br/>3.622400 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p> |
| 11N40SISO/LCH |  <p>Agilent Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.422000000 GHz</p> <p>Ref Offset 0.9 dB<br/>Ref 23.90 dBm</p> <p>Channel Power: 23.35 dBm / 36.36 MHz</p> <p>Power Spectral Density: -58.25 dBm / Hz</p> <p>Center 2.422 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 72.71 MHz<br/>#Sweep 100 ms</p> | <p>Frequency</p> <p>Center Freq<br/>2.422000000 GHz</p> <p>CF Step<br/>7.271000 MHz<br/>Auto Man</p> <p>Freq Offset<br/>0 Hz</p> |



|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| 11N40SISO/MCH |   |
| 11N40SISO/HCH |  |

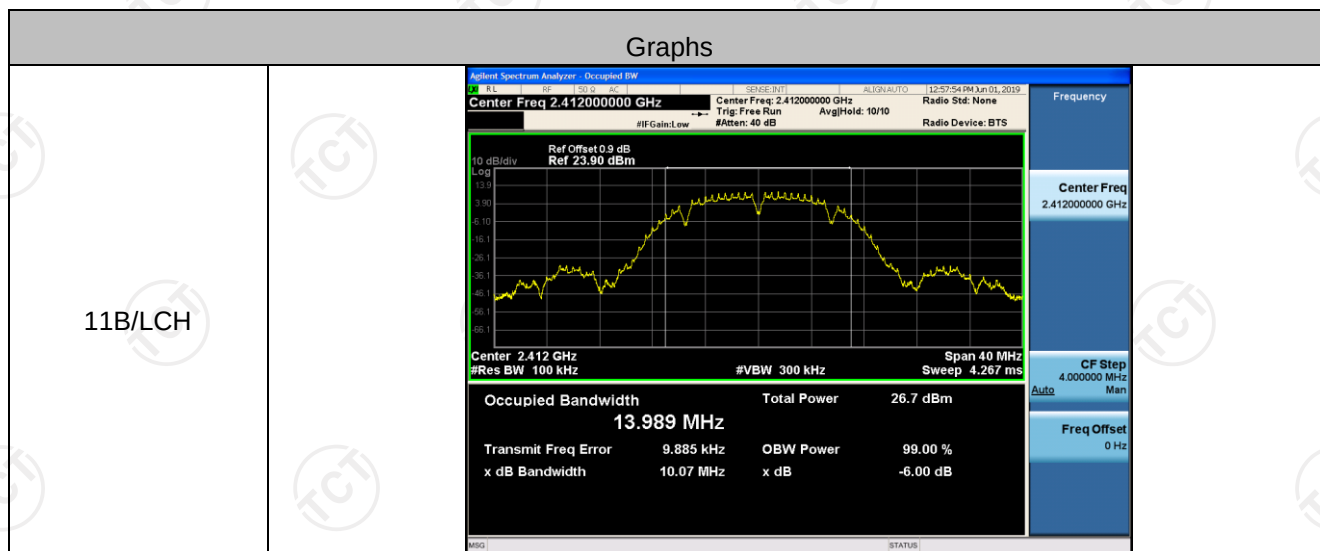


## 6dB Occupied Bandwidth

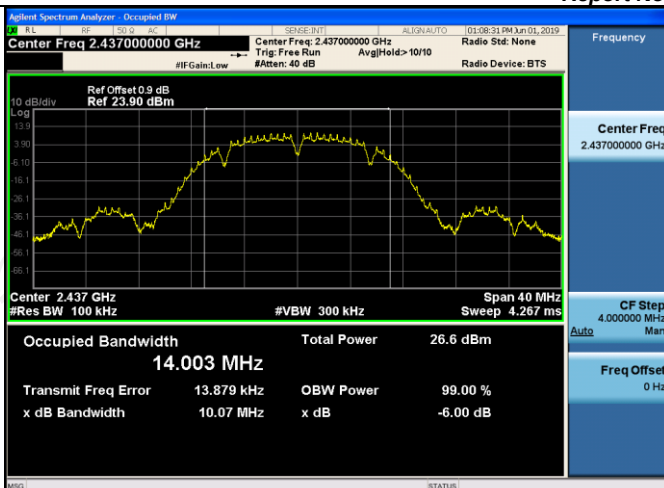
Result Table

| Mode      | Channel | 6dB Bandwidth [MHz] | 99% OBW [MHz] | Verdict |
|-----------|---------|---------------------|---------------|---------|
| 11B       | LCH     | 10.07               | 13.989        | PASS    |
| 11B       | MCH     | 10.07               | 14.003        | PASS    |
| 11B       | HCH     | 10.09               | 14.050        | PASS    |
| 11G       | LCH     | 16.56               | 16.679        | PASS    |
| 11G       | MCH     | 16.56               | 17.777        | PASS    |
| 11G       | HCH     | 16.53               | 16.990        | PASS    |
| 11N20SISO | LCH     | 17.80               | 18.228        | PASS    |
| 11N20SISO | MCH     | 17.82               | 18.143        | PASS    |
| 11N20SISO | HCH     | 17.79               | 18.112        | PASS    |
| 11N40SISO | LCH     | 36.57               | 36.355        | PASS    |
| 11N40SISO | MCH     | 36.55               | 36.837        | PASS    |
| 11N40SISO | HCH     | 36.56               | 36.390        | PASS    |

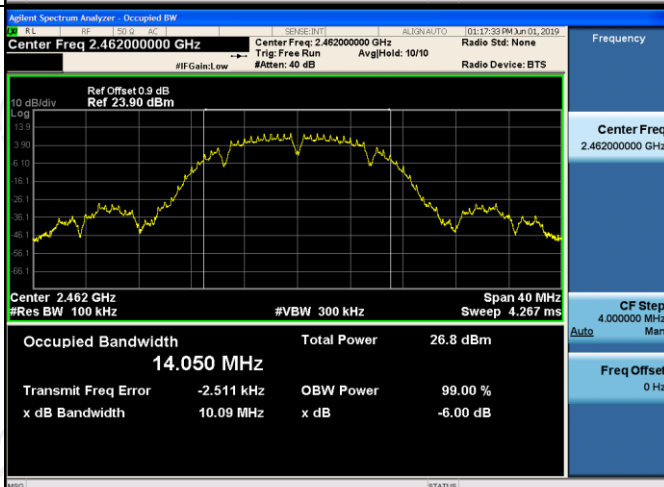
Test Graph



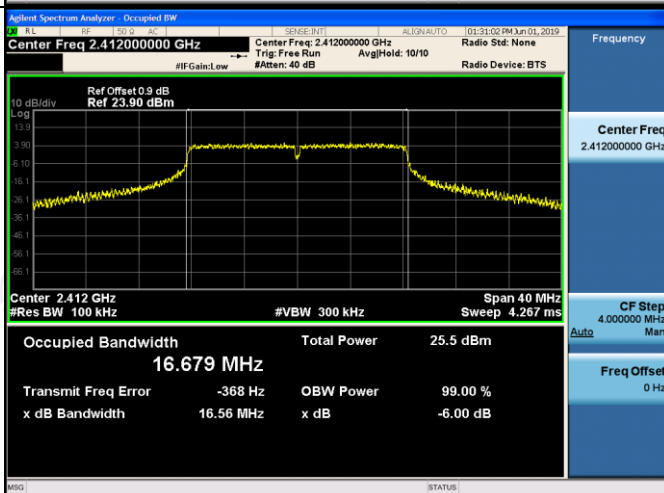
11B/MCH



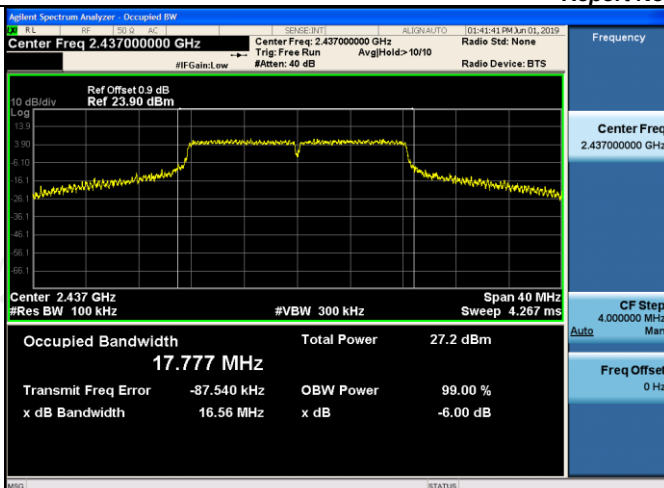
11B/HCH



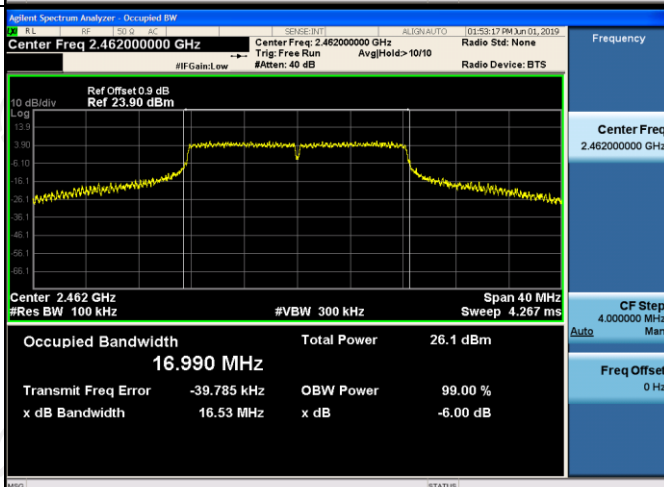
11G/LCH



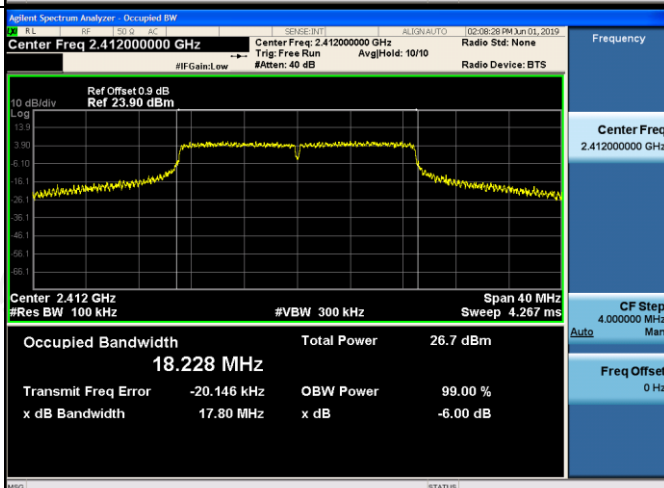
11G/MCH



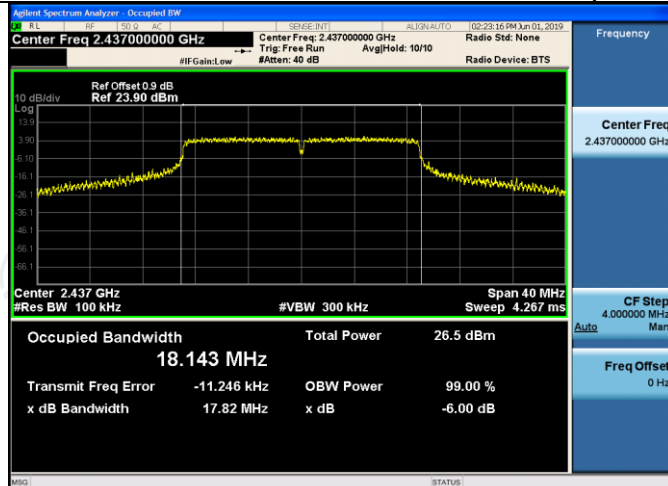
11G/HCH



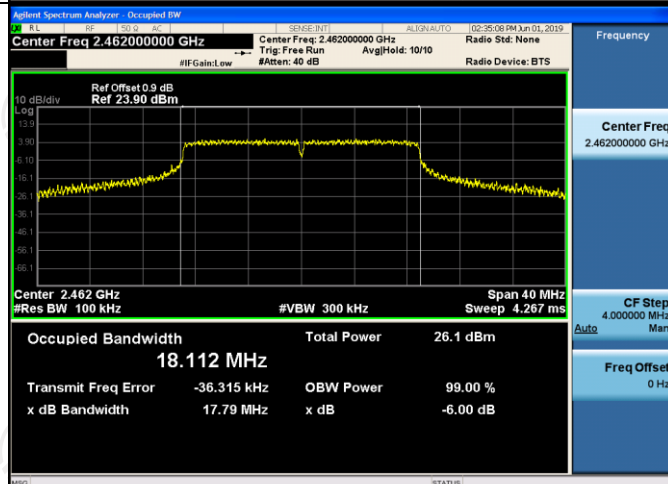
11N20SISO/LCH



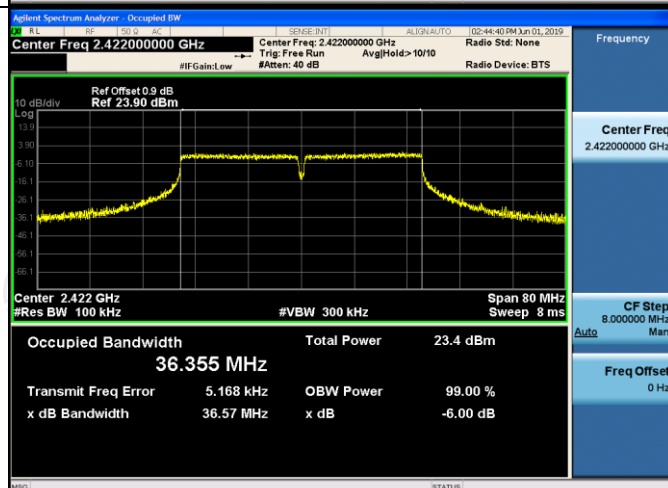
11N20SISO/MCH



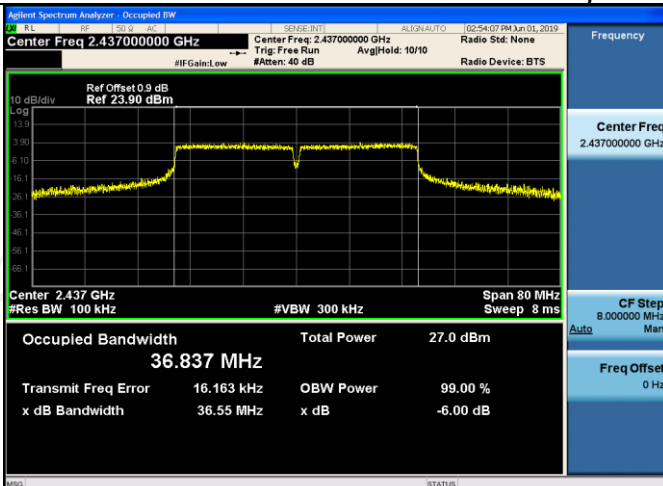
11N20SISO/HCH



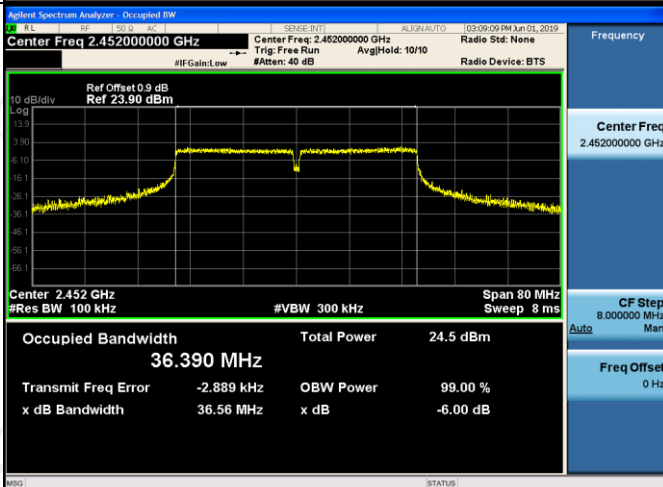
11N40SISO/LCH



11N40SISO/MCH



11N40SISO/HCH

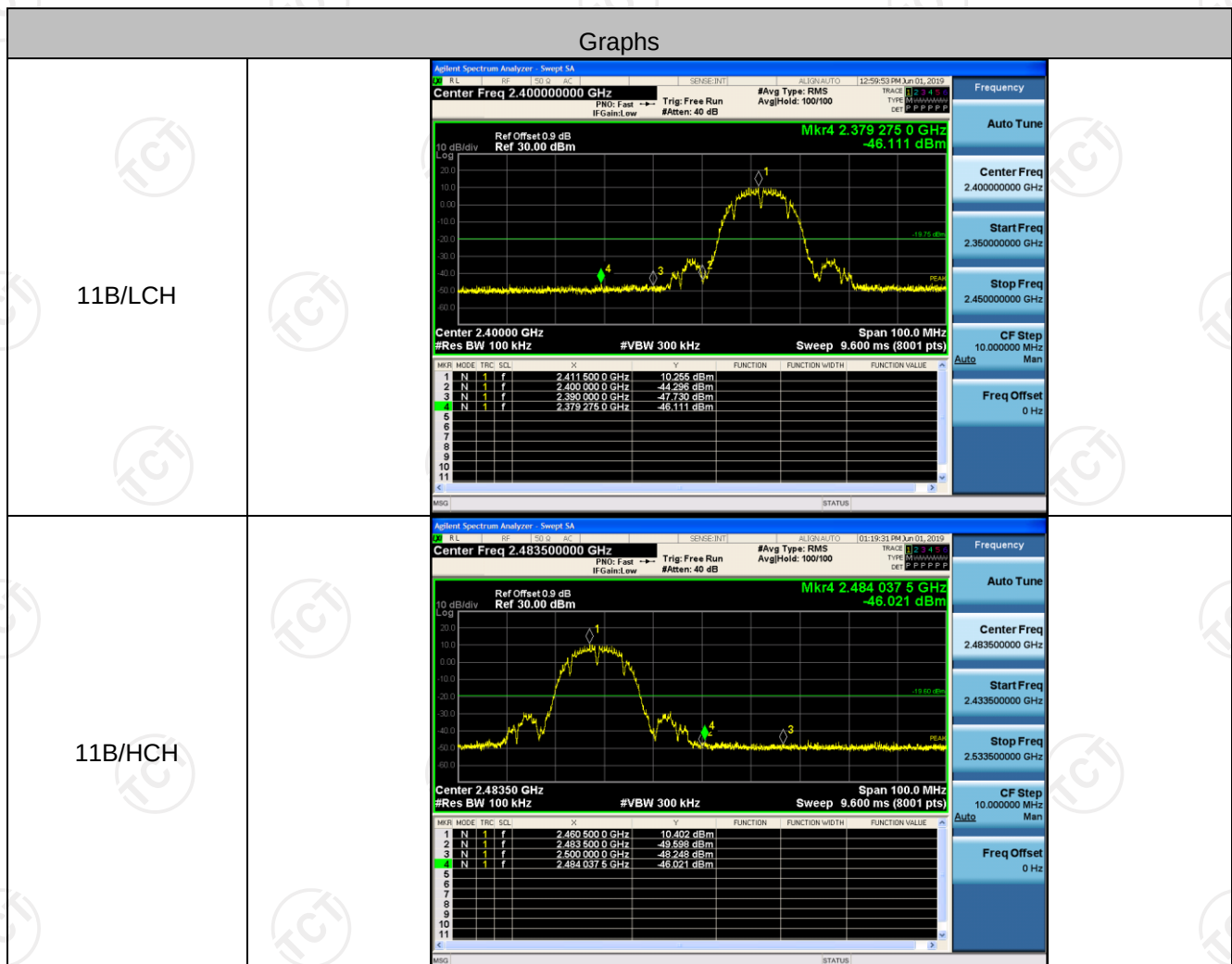


## Band-edge for RF Conducted Emissions

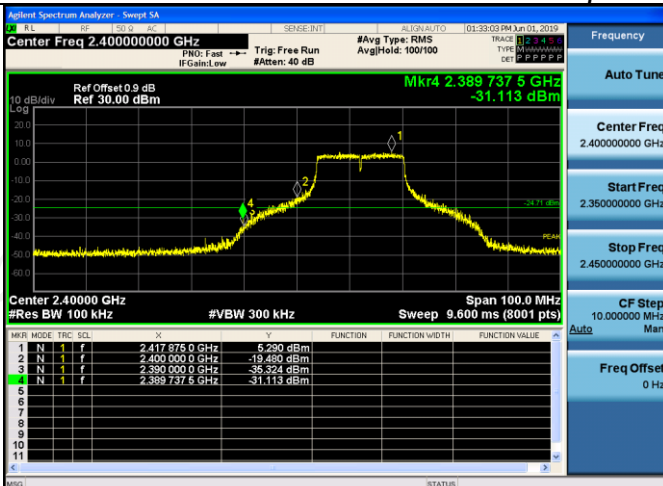
Result Table

| Mode      | Channel | Carrier Power [dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------------------|--------------------------|-------------|---------|
| 11B       | LCH     | 10.255              | -46.111                  | -19.75      | PASS    |
| 11B       | HCH     | 10.402              | -46.021                  | -19.6       | PASS    |
| 11G       | LCH     | 5.290               | -31.113                  | -24.71      | PASS    |
| 11G       | HCH     | 5.907               | -29.294                  | -24.09      | PASS    |
| 11N20SISO | LCH     | 6.067               | -26.050                  | -23.93      | PASS    |
| 11N20SISO | HCH     | 5.299               | -24.900                  | -24.7       | PASS    |
| 11N40SISO | LCH     | 0.027               | -31.251                  | -29.97      | PASS    |
| 11N40SISO | HCH     | 1.442               | -27.292                  | -28.56      | PASS    |

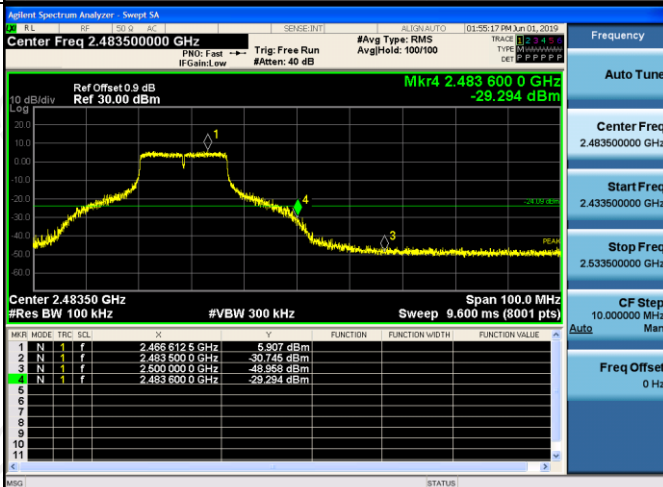
Test Graph



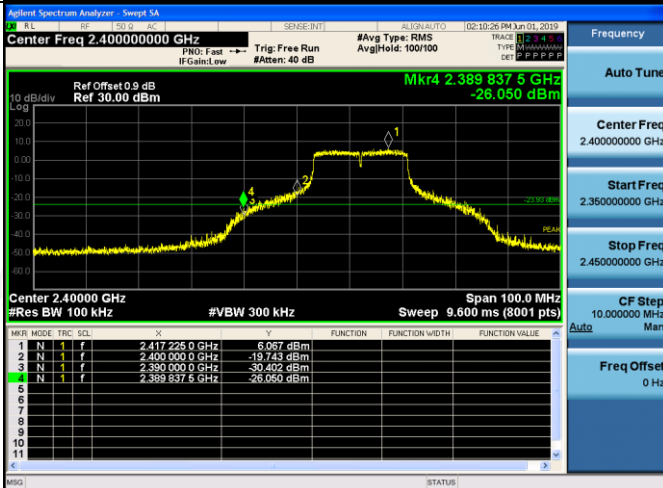
11G/LCH



11G/HCH

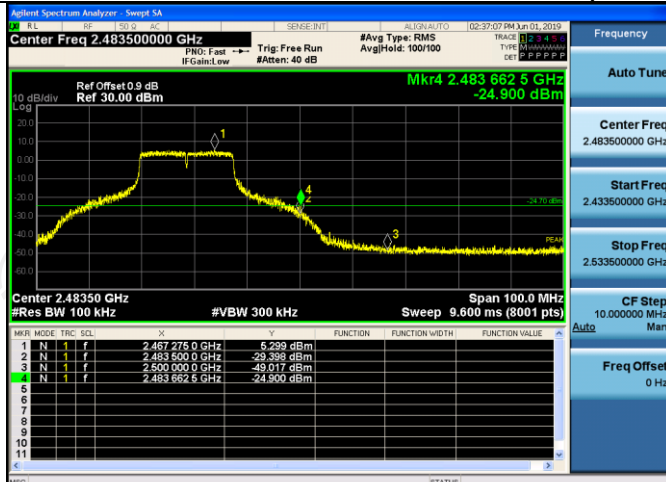


11N20SISO/LCH

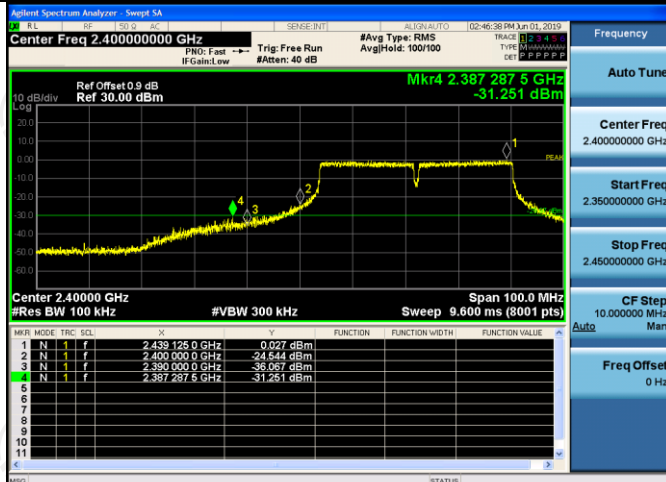




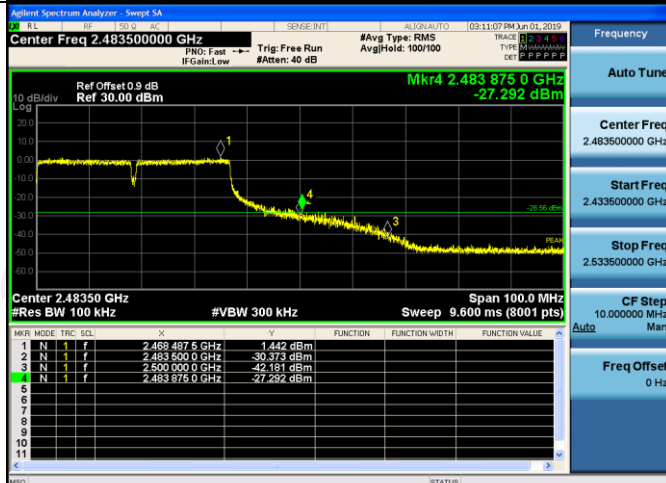
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

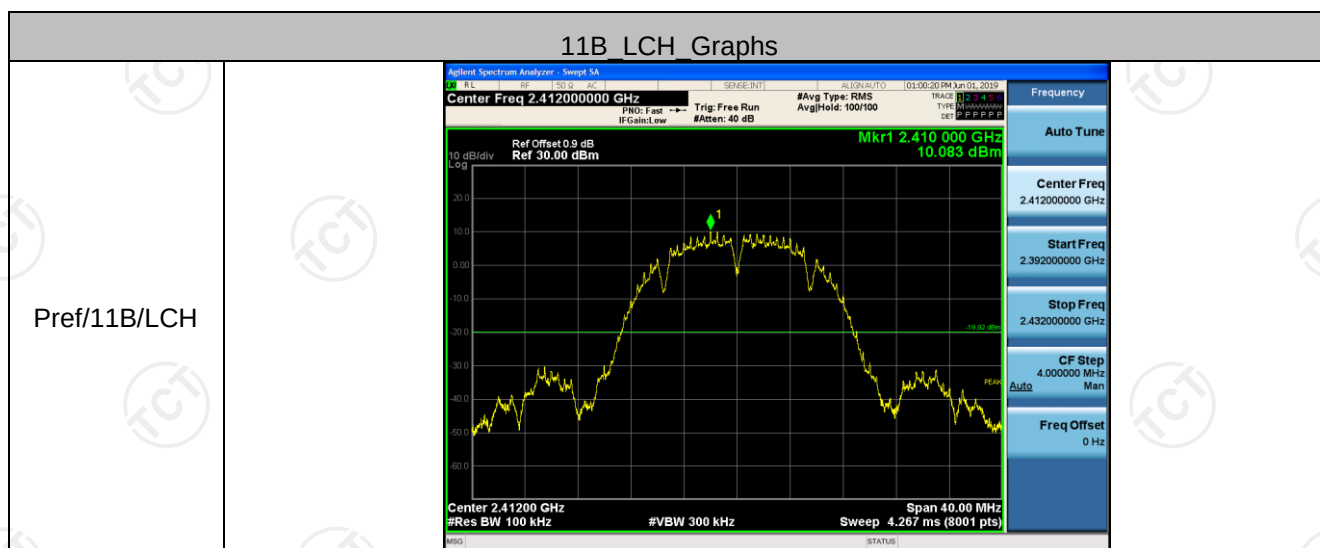


## RF Conducted Spurious Emissions

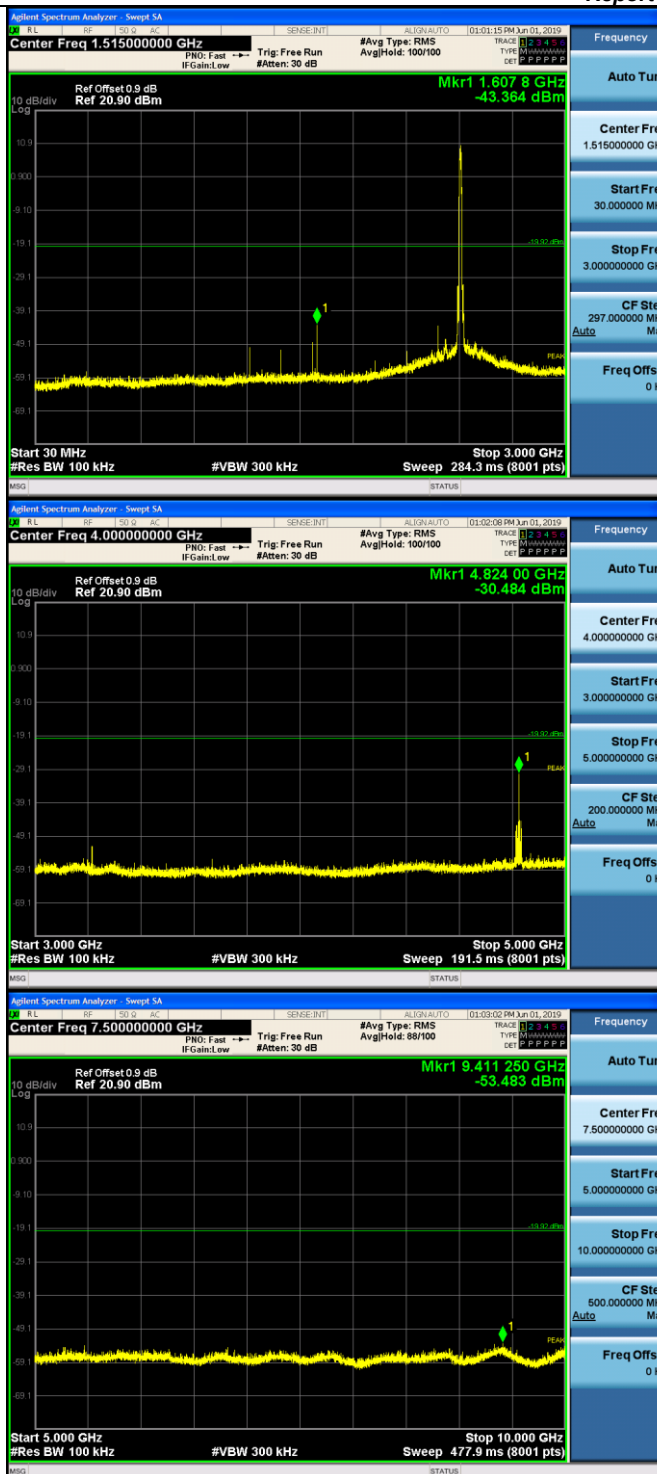
Result Table

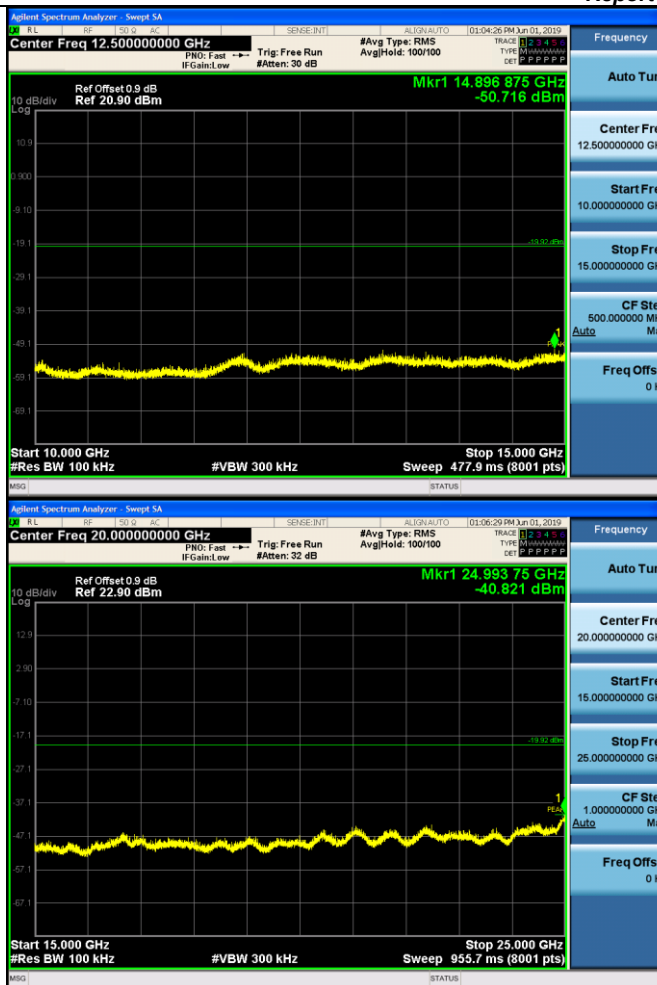
| Mode      | Channel | Pref [dBm] | Puw [dBm] | Verdict |
|-----------|---------|------------|-----------|---------|
| 11B       | LCH     | 10.083     | <Limit    | PASS    |
| 11B       | MCH     | 10.215     | <Limit    | PASS    |
| 11B       | HCH     | 10.095     | <Limit    | PASS    |
| 11G       | LCH     | 5.406      | <Limit    | PASS    |
| 11G       | MCH     | 6.734      | <Limit    | PASS    |
| 11G       | HCH     | 5.67       | <Limit    | PASS    |
| 11N20SISO | LCH     | 6.138      | <Limit    | PASS    |
| 11N20SISO | MCH     | 5.71       | <Limit    | PASS    |
| 11N20SISO | HCH     | 5.293      | <Limit    | PASS    |
| 11N40SISO | LCH     | 0.084      | <Limit    | PASS    |
| 11N40SISO | MCH     | 3.079      | <Limit    | PASS    |
| 11N40SISO | HCH     | 1.398      | <Limit    | PASS    |

Test Graph



Puw/11B/LCH





## 11B MCH Graphs

Pref/11B/MCH



Puw/11B/MCH

