



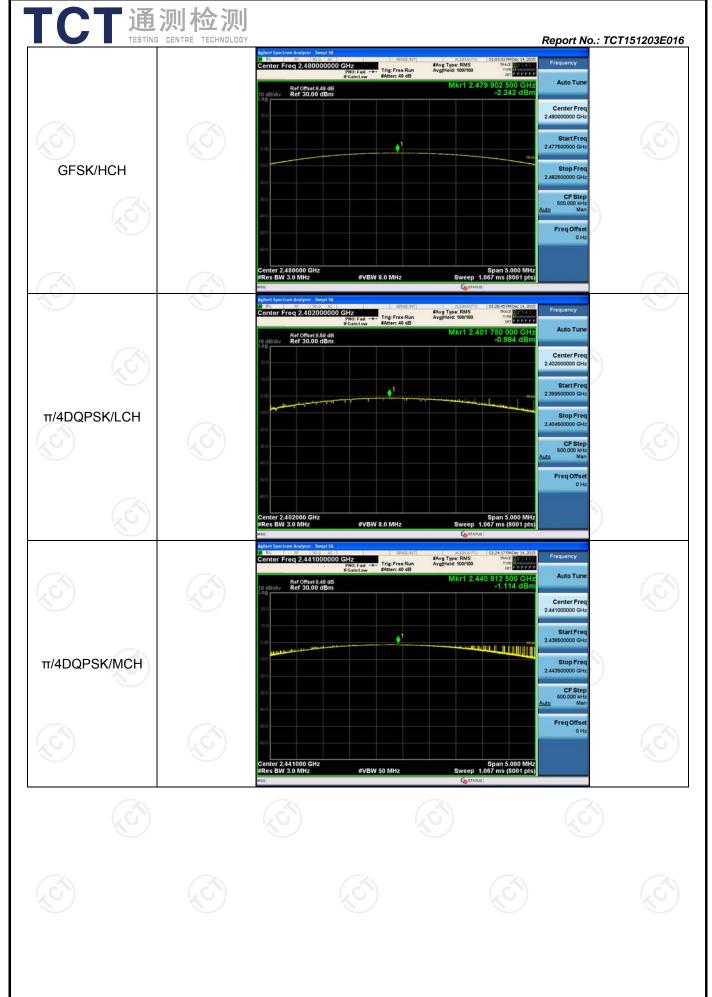
## **Conducted Peak Output Power**

#### **Result Table**

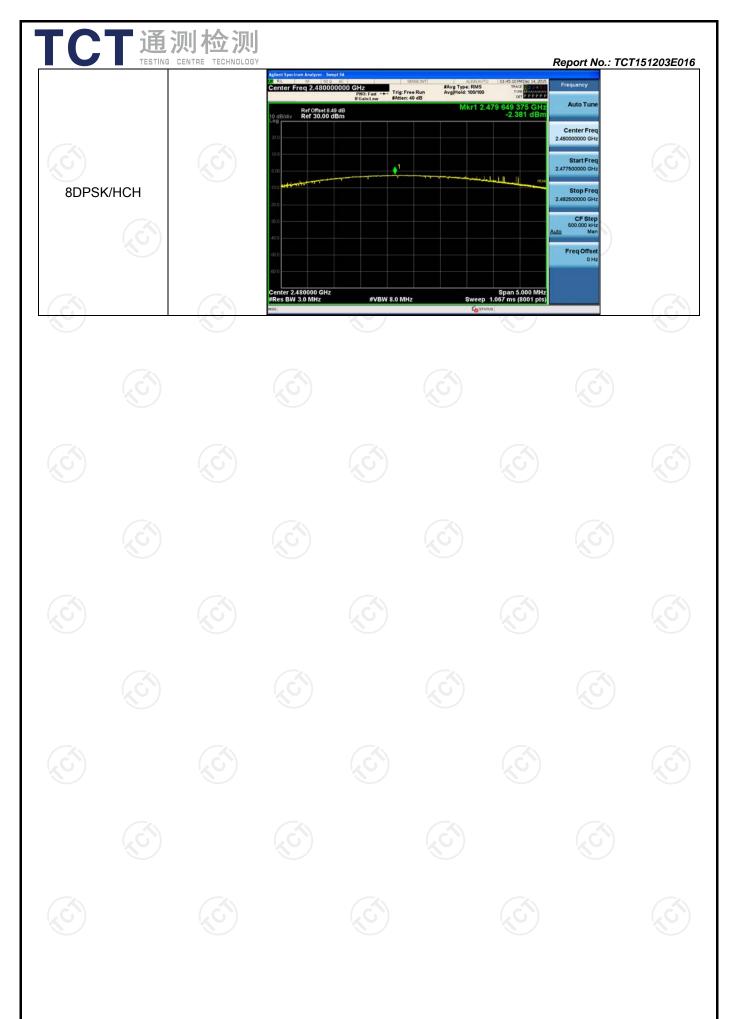
| Mode     | Channel. | Maximum Peak Output Power [dBm] | Verdict |
|----------|----------|---------------------------------|---------|
| GFSK     | LCH      | -0.897                          | PASS    |
| GFSK     | MCH      | -0.984                          | PASS    |
| GFSK     | HCH      | -2.242                          | PASS    |
| π/4DQPSK | LCH      | -0.984                          | PASS    |
| π/4DQPSK | MCH      | -1.114                          | PASS    |
| π/4DQPSK | HCH      | -2.393                          | PASS    |
| 8DPSK    | LCH      | -0.997                          | PASS    |
| 8DPSK    | MCH      | -1.248                          | PASS    |
| 8DPSK    | HCH      | -2.381                          | PASS    |

### **Test Graph**











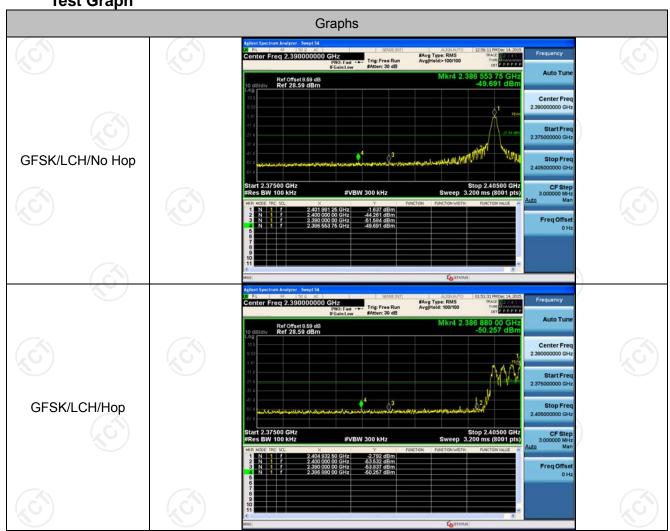


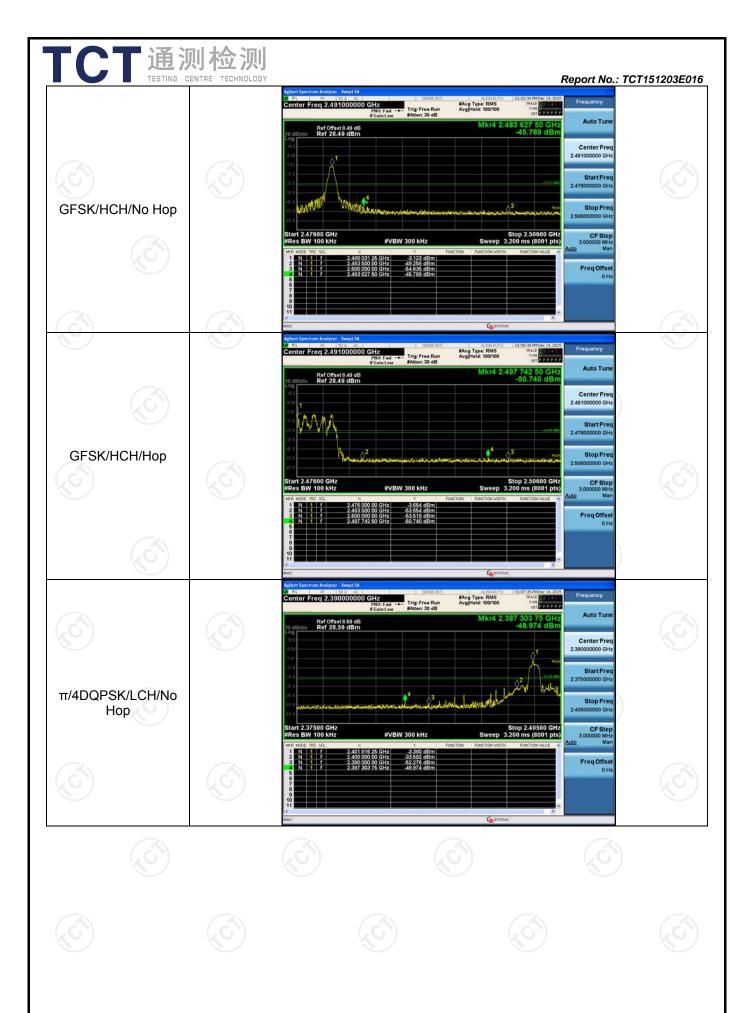
## **Band-edge for RF Conducted Emissions**

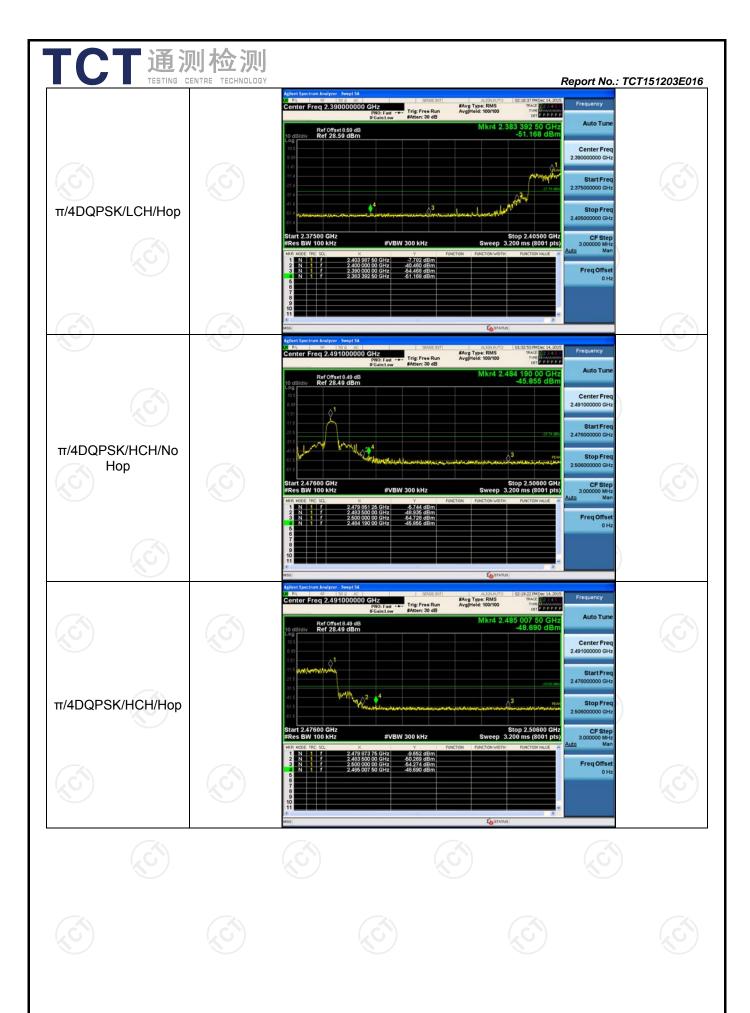
#### **Result Table**

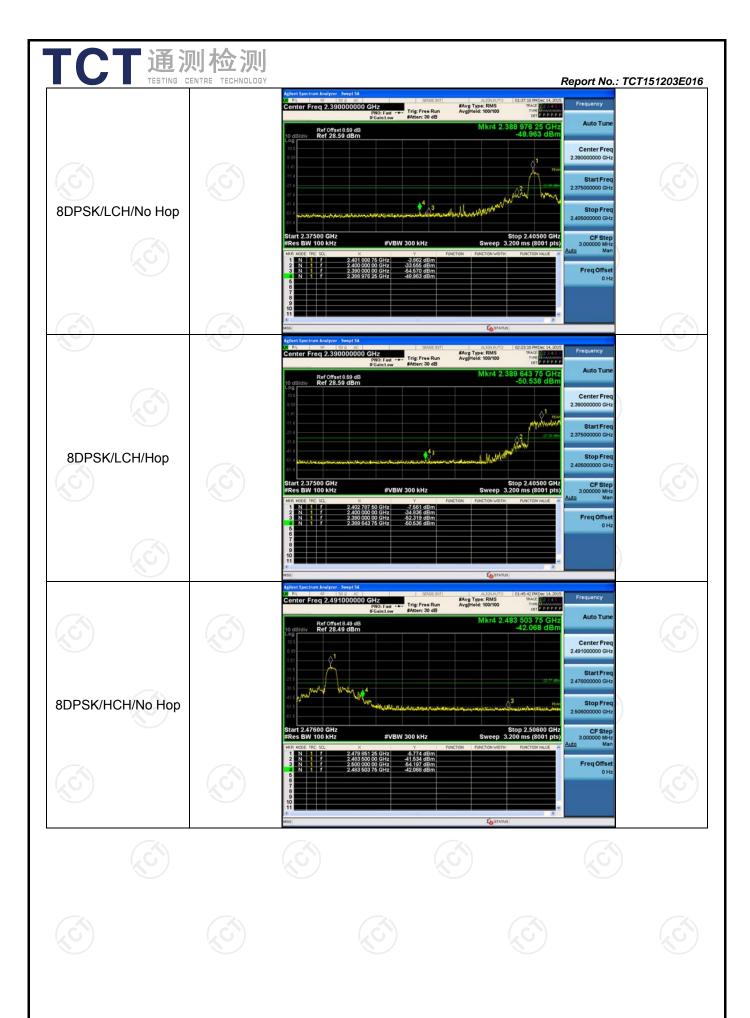
| Mode          | Channel      | Carrier<br>Frequency<br>[MHz] | Carrier<br>Power<br>[dBm] | Frequenc<br>y<br>Hopping | Max<br>Spurious<br>Level<br>[dBm] | Limit<br>[dBm] | Verdict |
|---------------|--------------|-------------------------------|---------------------------|--------------------------|-----------------------------------|----------------|---------|
| GFSK          | GFSK LCH     | 2402                          | -1.637                    | Off                      | -49.691                           | -21.64         | PASS    |
| GFSK LUN      | LCIT         | 2402                          | -2.792                    | On                       | -50.257                           | -22.79         | PASS    |
| GFSK          | GFSK HCH     | 2480                          | -3.123                    | Off                      | -45.789                           | -23.12         | PASS    |
| Gran III      | псп          |                               | -3.654                    | On                       | -50.740                           | -23.65         | PASS    |
| π/4DQPSK      | π/4DQPSK LCH | 2402                          | -3.380                    | Off                      | -48.974                           | -23.38         | PASS    |
| II/4DQPSK LCH | LCH          | 2402                          | -7.782                    | On                       | -51.168                           | -27.78         | PASS    |
| π/4DQPSK HCH  | 2480         | -5.744                        | Off                       | -45.855                  | -25.74                            | PASS           |         |
|               | псп          | 2460                          | -9.652                    | On                       | -48.690                           | -29.65         | PASS    |
| 8DPSK LCH     | 1.04         | 2402                          | -3.862                    | Off                      | -48.963                           | -23.86         | PASS    |
|               | LCH          |                               | -7.561                    | On                       | -50.536                           | -27.56         | PASS    |
| 8DPSK         | НСН          | 2480                          | -5.774                    | Off                      | -42.068                           | -25.77         | PASS    |
|               | CICH         |                               | -8.889                    | On                       | -46.480                           | -28.89         | PASS    |

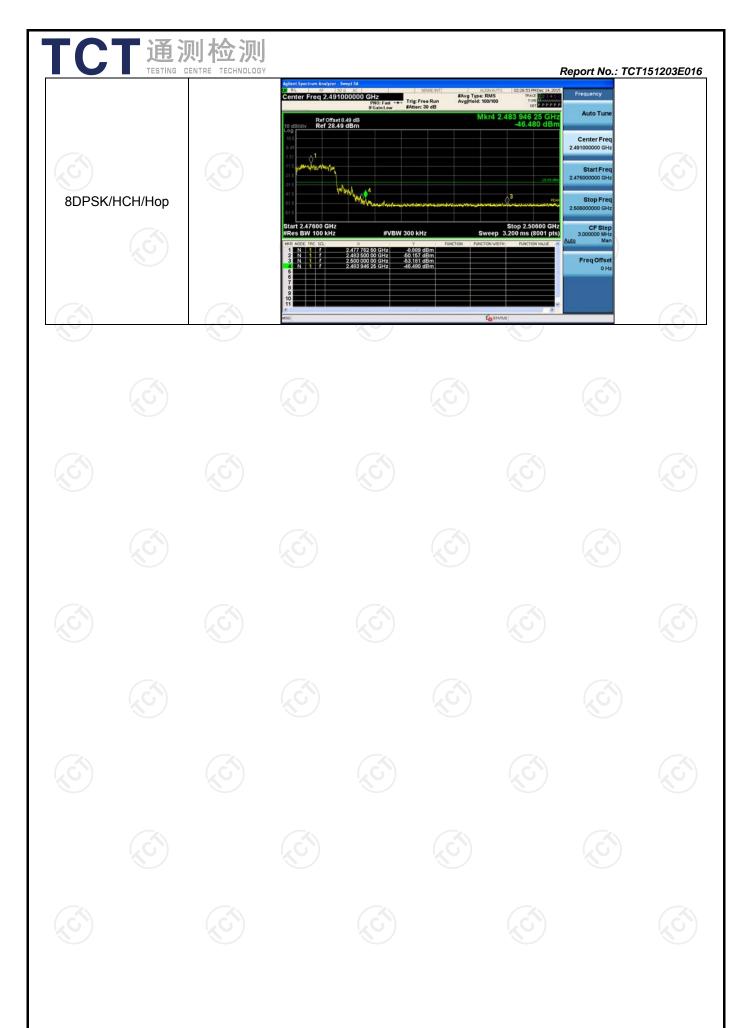
**Test Graph** 













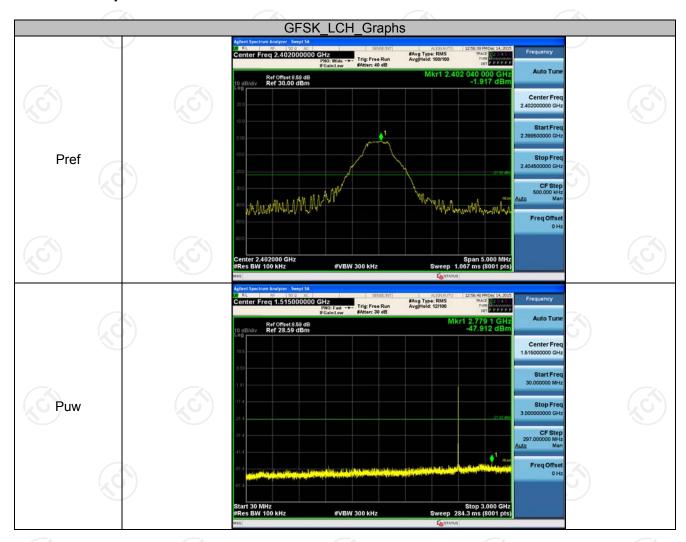


# **RF Conducted Spurious Emissions**

#### **Result Table**

| Mode     | Channel | Pref [dBm] | Puw[dBm]                             | Verdict |
|----------|---------|------------|--------------------------------------|---------|
| GFSK     | LCH     | -1.917     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| GFSK     | MCH     | -2.126     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| GFSK     | HCH     | -3.391     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| π/4DQPSK | LCH     | -6.75      | <limit< td=""><td>PASS</td></limit<> | PASS    |
| π/4DQPSK | MCH     | -5.926     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| π/4DQPSK | HCH     | -6.429     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| 8DPSK    | LCH     | -3.6       | <limit< td=""><td>PASS</td></limit<> | PASS    |
| 8DPSK    | MCH     | -6.095     | <limit< td=""><td>PASS</td></limit<> | PASS    |
| 8DPSK    | HCH     | -4.879     | <limit< td=""><td>PASS</td></limit<> | PASS    |

### **Test Graph**



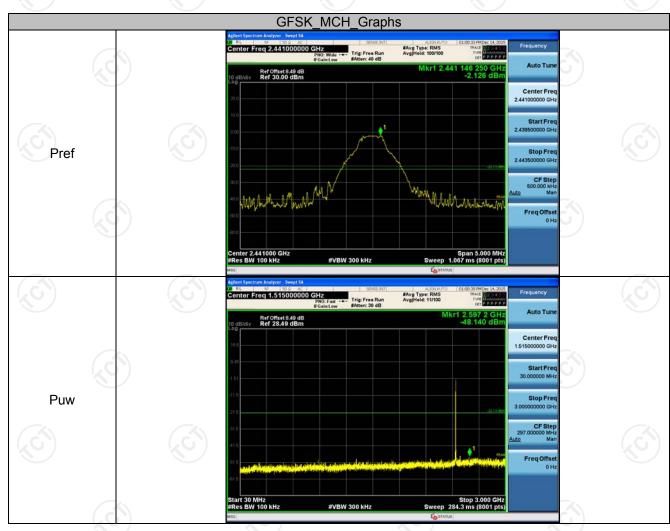
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4,800 00 GH -43,430 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.451 250 GH -47.512 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Fre #Avg Type: RMS Avg[Hold: 8/100 4.584 375 G -46.162 dE Ref Offset 8.59 dB Ref 28.59 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 53 of 70

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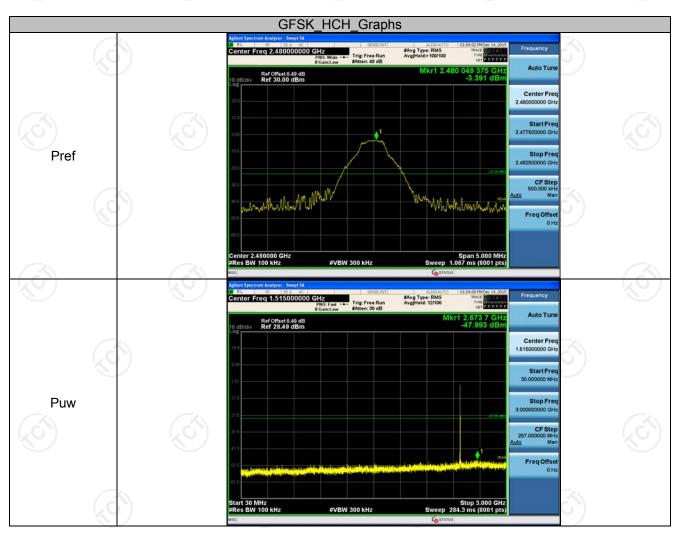
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4,800 00 GH -43,490 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 8.488 125 GH -47.821 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Fre Freq Offse #Avg Type: RMS Avg[Hold: 8/100 4.625 625 G -46.316 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 55 of 70

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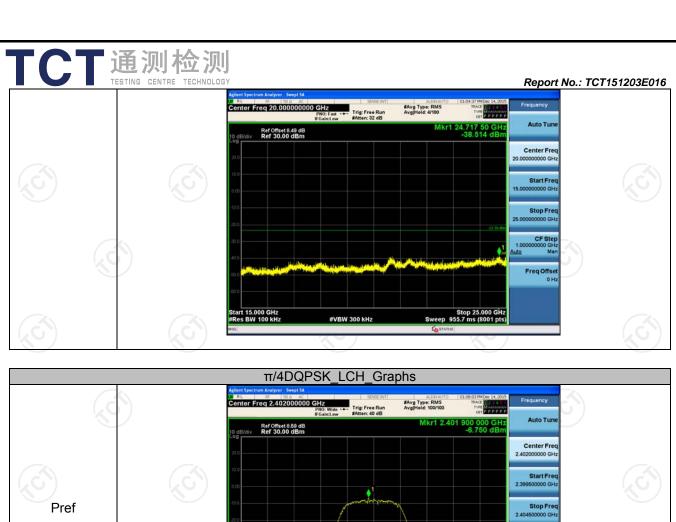


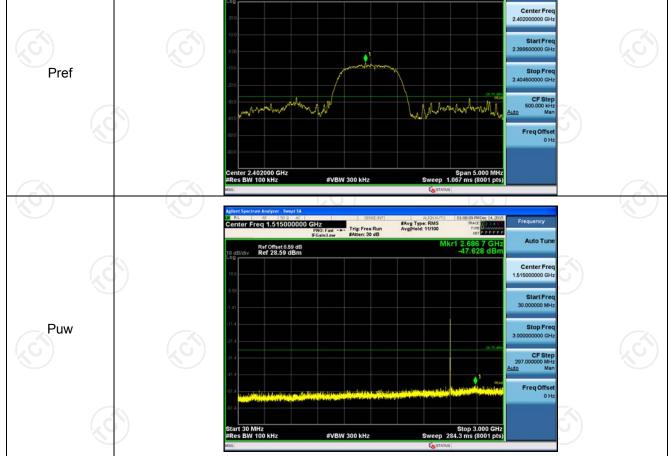
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -44.161 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.450 625 GH -46.799 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 12.918 125 G -45.984 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 57 of 70

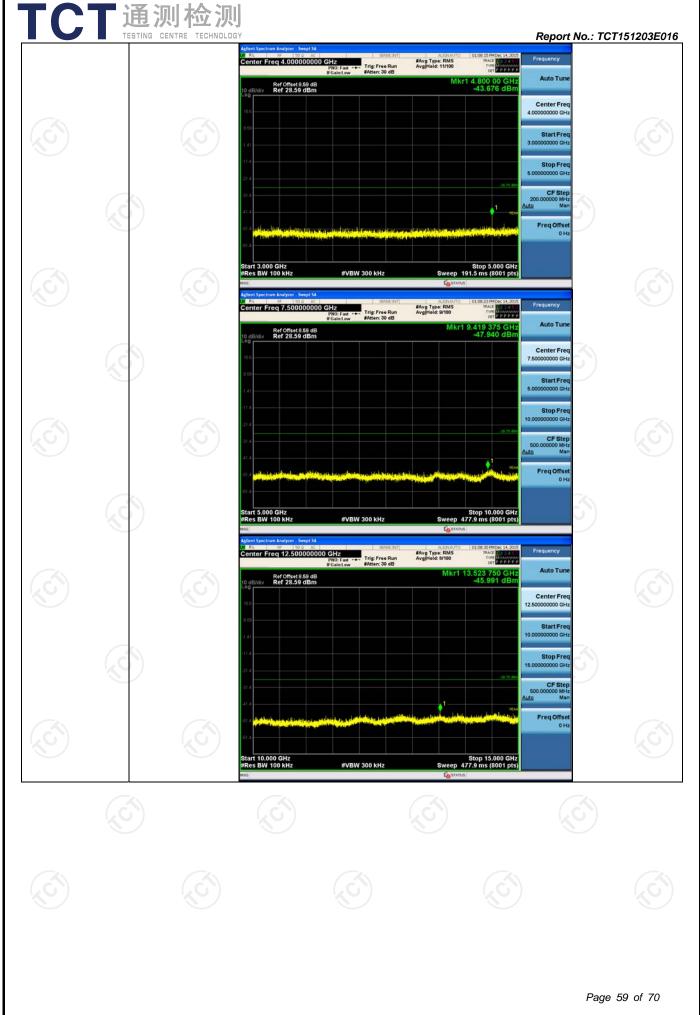
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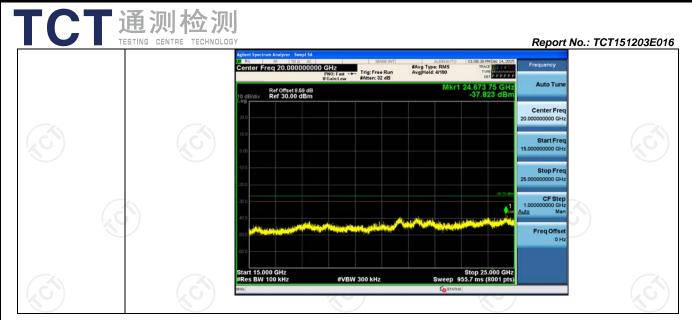
Tel: 86-755-27673339

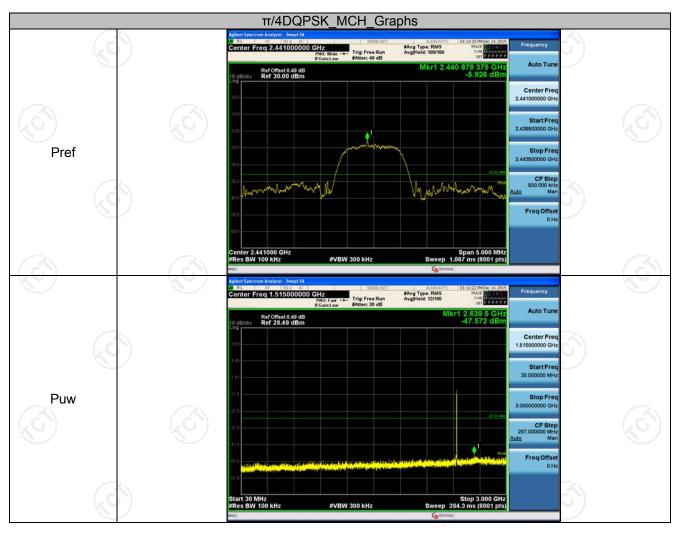
Fax: 86-755-27673332











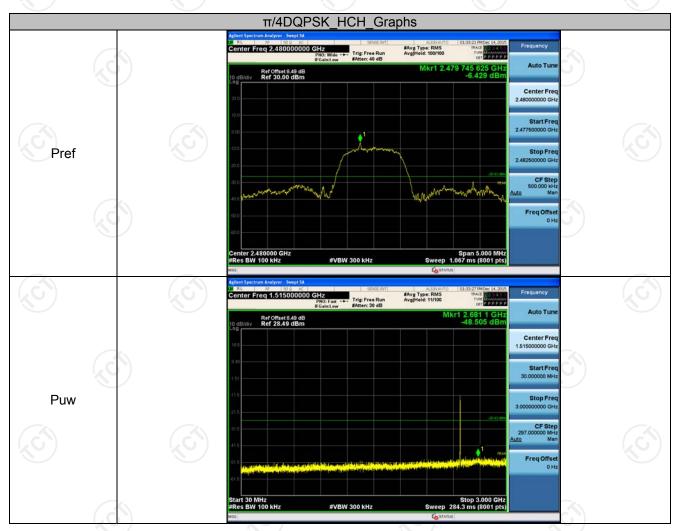
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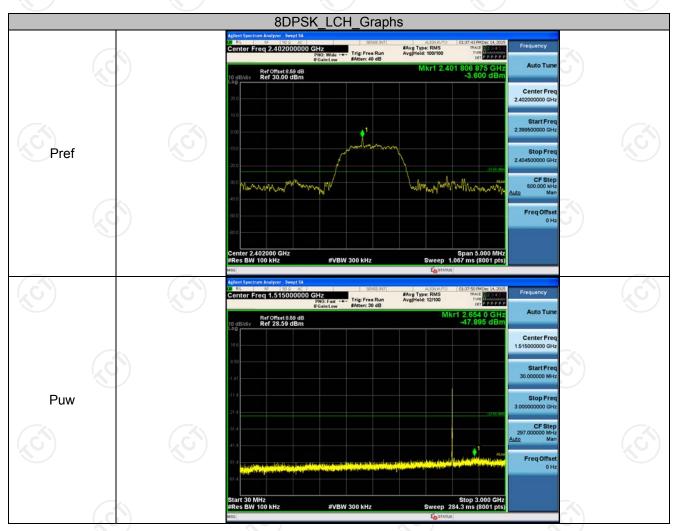
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -44.127 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.431 250 GH -46.870 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 4.430 625 G -46.834 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 63 of 70

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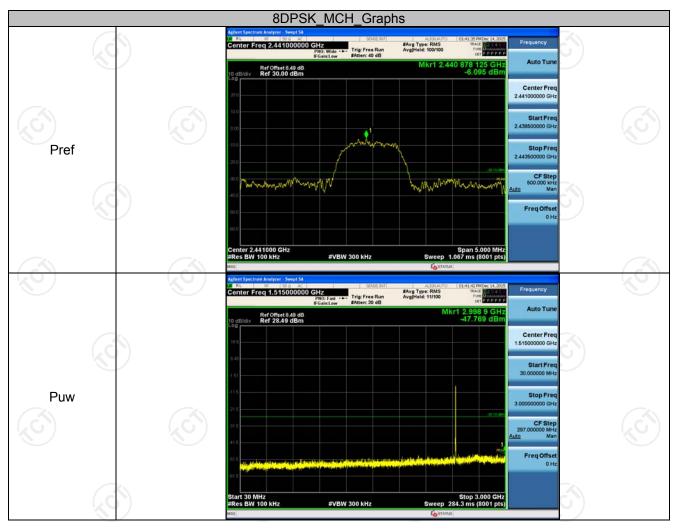
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TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -42.679 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 5.497 500 GH -47.971 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free Freq Offset #Avg Type: RMS Avg[Hold: 8/100 4.599 375 G -46.346 dE Ref Offset 8.59 dB Ref 28.59 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 65 of 70



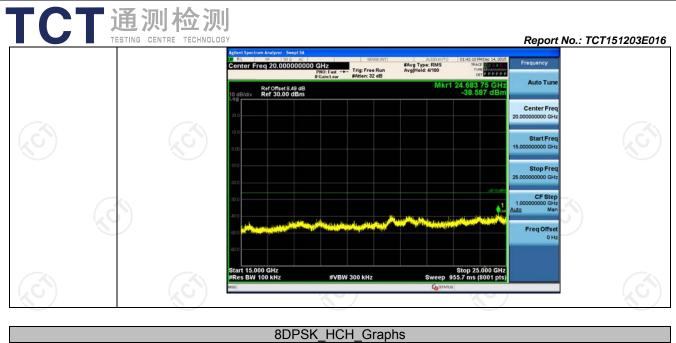


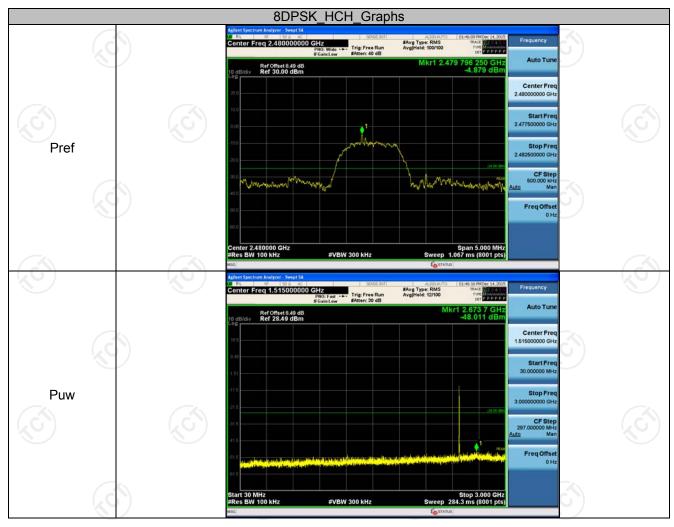
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg|Hold: 10/100 4,800 00 GH -43,865 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.485 000 GH -47.189 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 4.691 250 G -46.651 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 67 of 70

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TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -44.113 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.464 375 GH -47.593 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 12.820 000 GI -45.991 dB Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 69 of 70

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TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT151203E016 #Avg Type: RMS Avg|Hold: 5/100 PNO: Fast --- Trig: Free Run 24.662 50 GI -38.344 dB Ref Offset 8.49 dB Ref 30.00 dBm Center Fre \*\*\*\*\*END OF REPORT\*\*\*\*

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