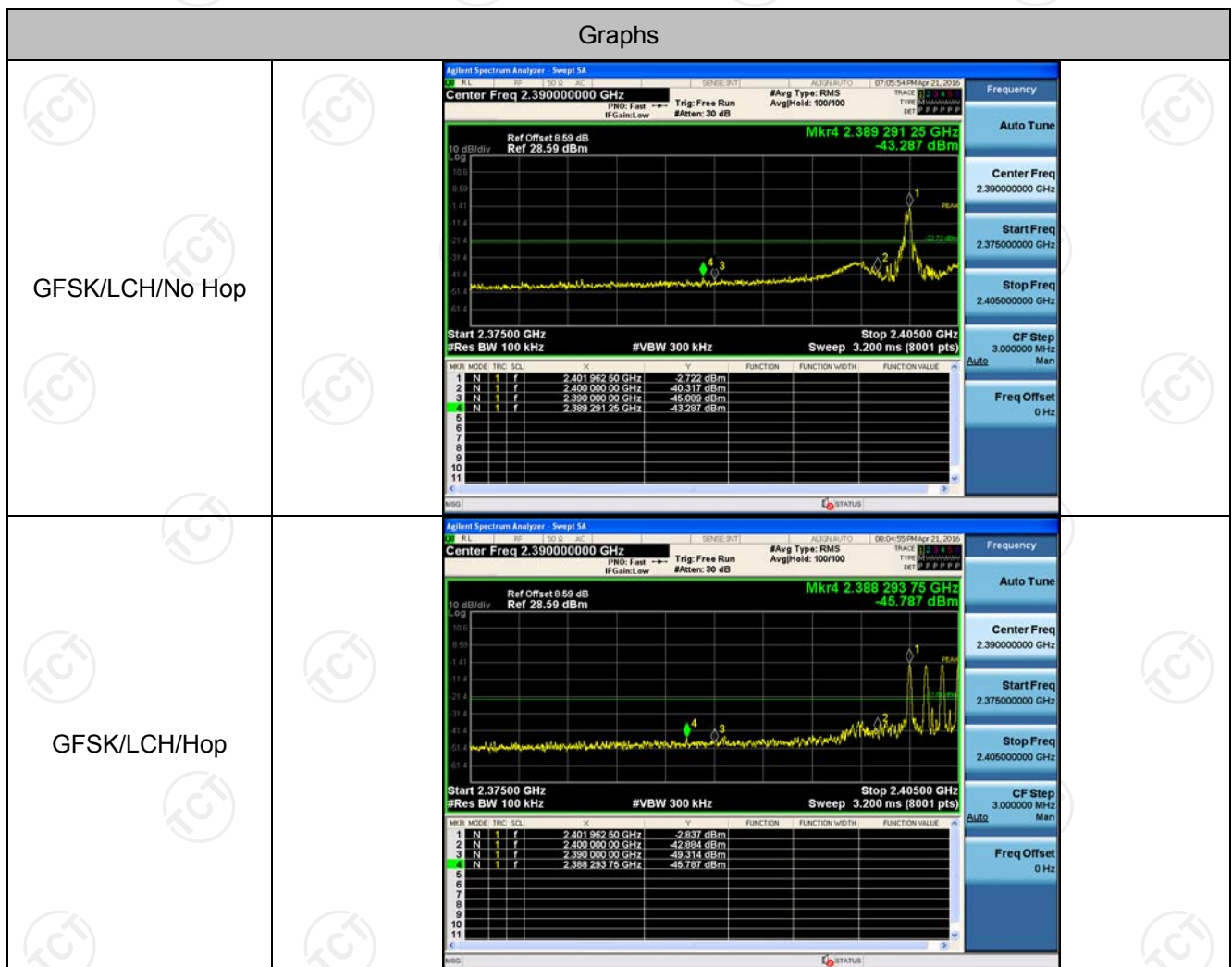


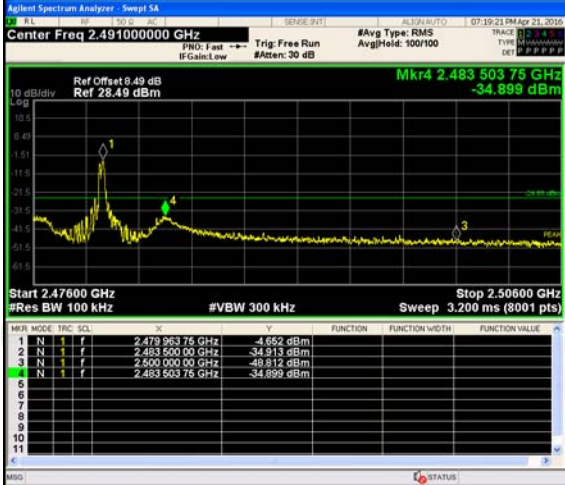
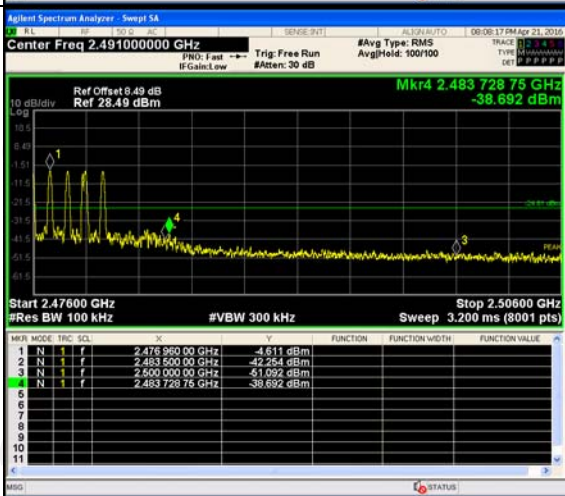
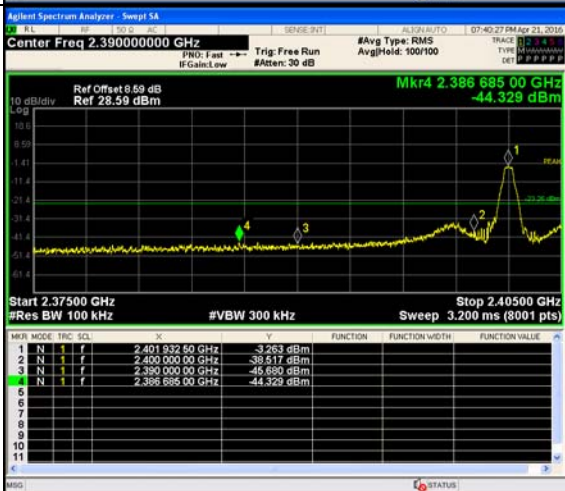
## Band-edge for RF Conducted Emissions

Result Table

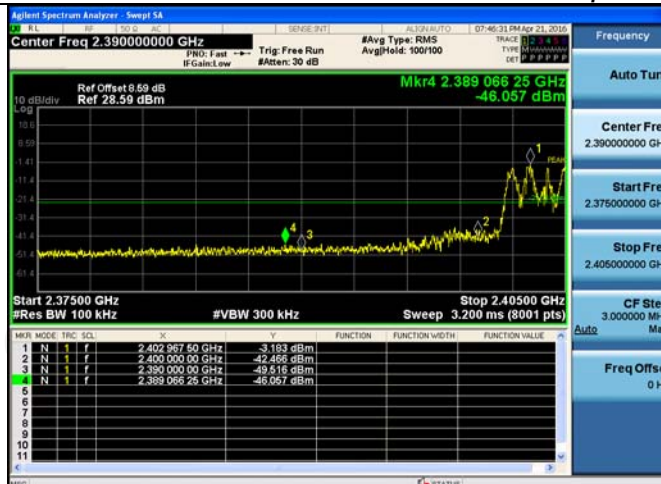
| Mode          | Channel | Carrier Frequency [MHz] | Carrier Power [dBm] | Frequency Hopping | Max Spurious Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-------------------------|---------------------|-------------------|--------------------------|-------------|---------|
| GFSK          | LCH     | 2402                    | -2.722              | Off               | -43.287                  | -22.72      | PASS    |
|               |         |                         | -2.837              | On                | -45.787                  | -22.84      | PASS    |
| GFSK          | HCH     | 2480                    | -4.652              | Off               | -34.899                  | -24.65      | PASS    |
|               |         |                         | -4.611              | On                | -38.692                  | -24.61      | PASS    |
| $\pi$ /4DQPSK | LCH     | 2402                    | -3.263              | Off               | -44.329                  | -23.26      | PASS    |
|               |         |                         | -3.183              | On                | -46.057                  | -23.18      | PASS    |
| $\pi$ /4DQPSK | HCH     | 2480                    | -5.220              | Off               | -33.607                  | -25.22      | PASS    |
|               |         |                         | -5.977              | On                | -36.935                  | -25.98      | PASS    |

Test Graph

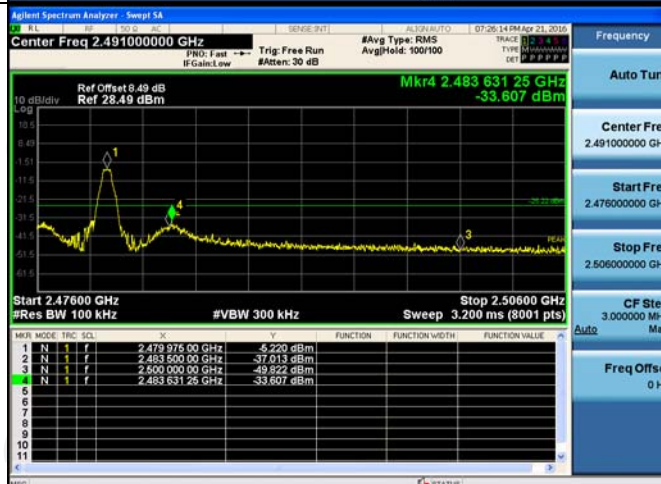


|                                           |                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------|
| <p>GFSK/HCH/No Hop</p>                    |    |
| <p>GFSK/HCH/Hop</p>                       |   |
| <p><math>\pi/4</math>DQPSK/LCH/No Hop</p> |  |

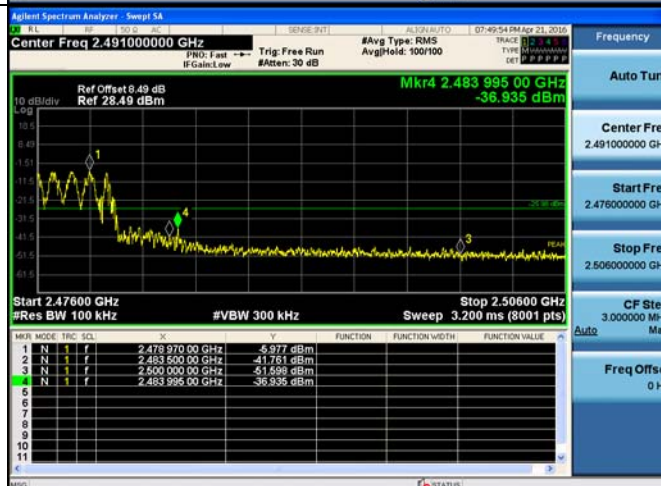
$\pi/4$ DQPSK/LCH/Hop



$\pi/4$ DQPSK/HCH/No Hop



$\pi/4$ DQPSK/HCH/Hop

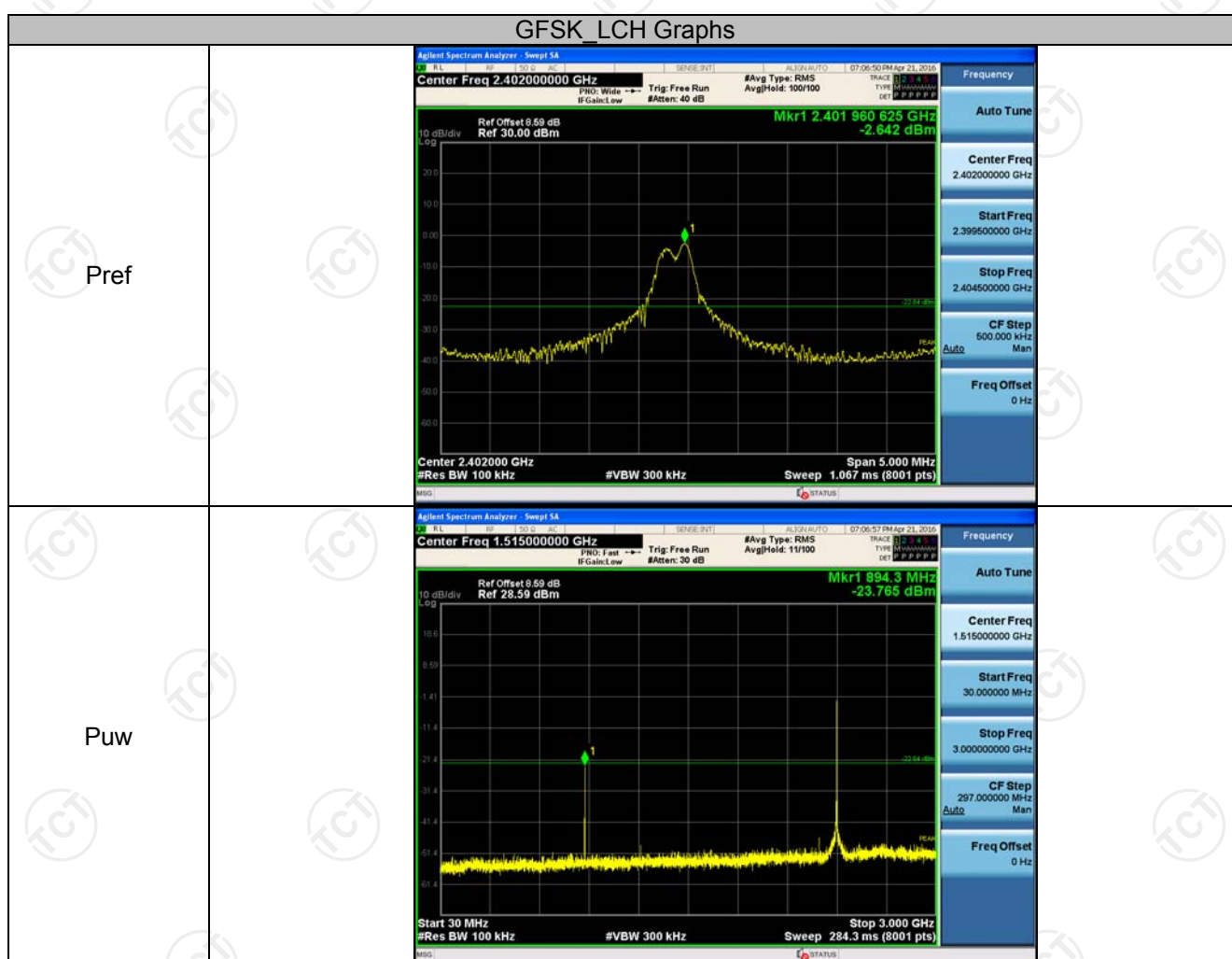


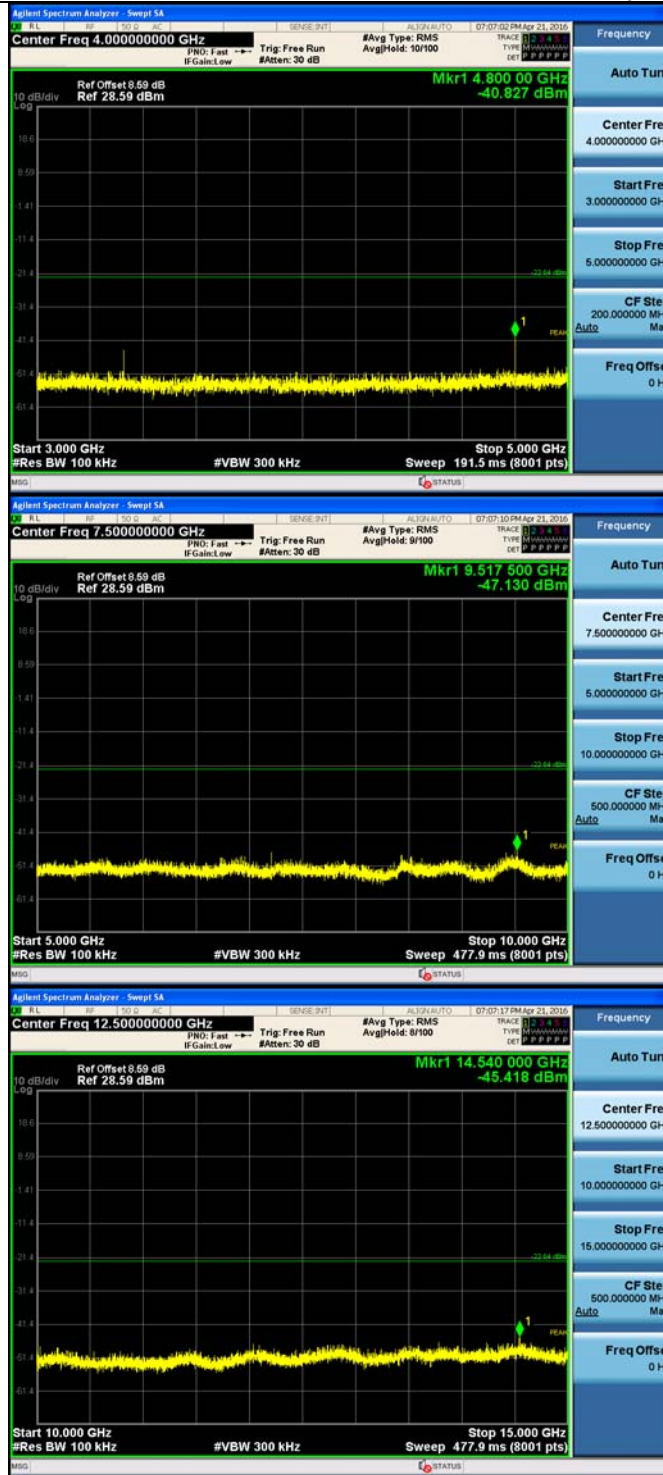
## RF Conducted Spurious Emissions

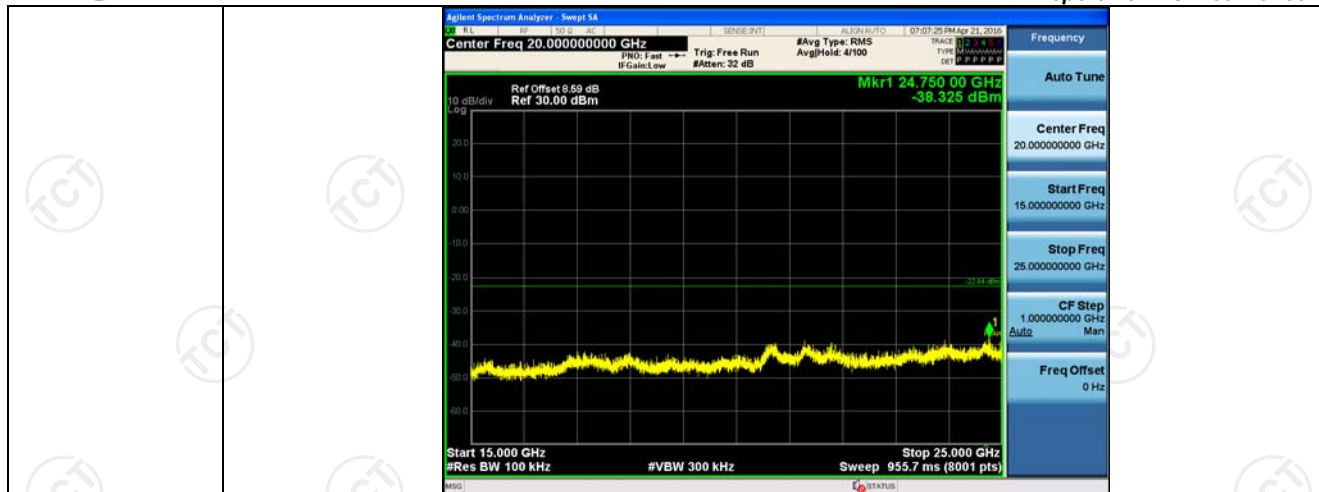
Result Table

| Mode          | Channel | Pref [dBm] | Puw [dBm] | Verdict |
|---------------|---------|------------|-----------|---------|
| GFSK          | LCH     | -2.642     | <Limit    | PASS    |
| GFSK          | MCH     | -3.683     | <Limit    | PASS    |
| GFSK          | HCH     | -4.542     | <Limit    | PASS    |
| $\pi/4$ DQPSK | LCH     | -3.369     | <Limit    | PASS    |
| $\pi/4$ DQPSK | MCH     | -4.368     | <Limit    | PASS    |
| $\pi/4$ DQPSK | HCH     | -5.206     | <Limit    | PASS    |

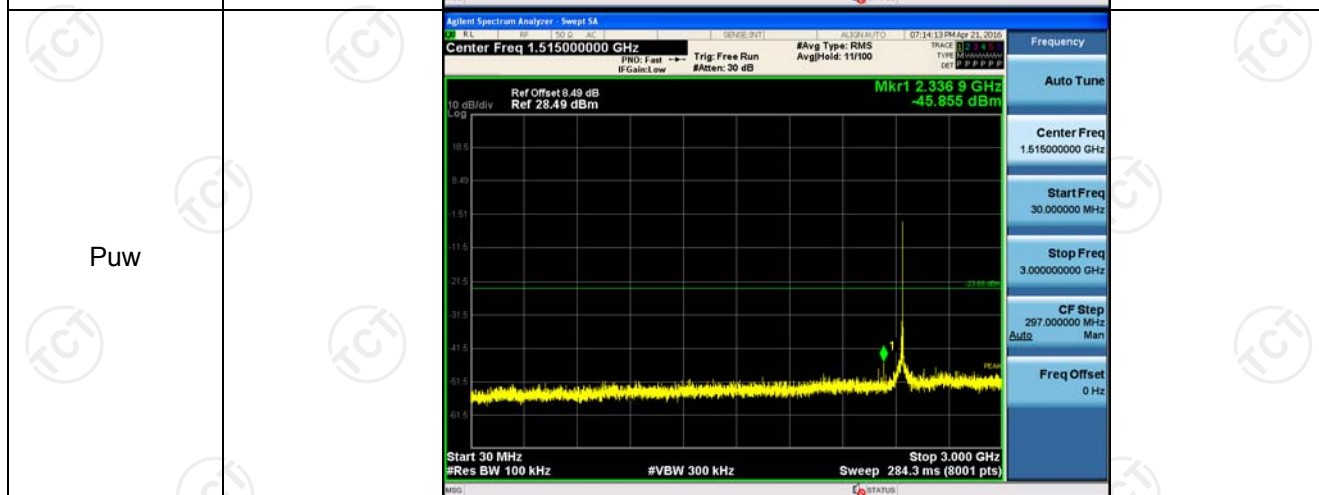
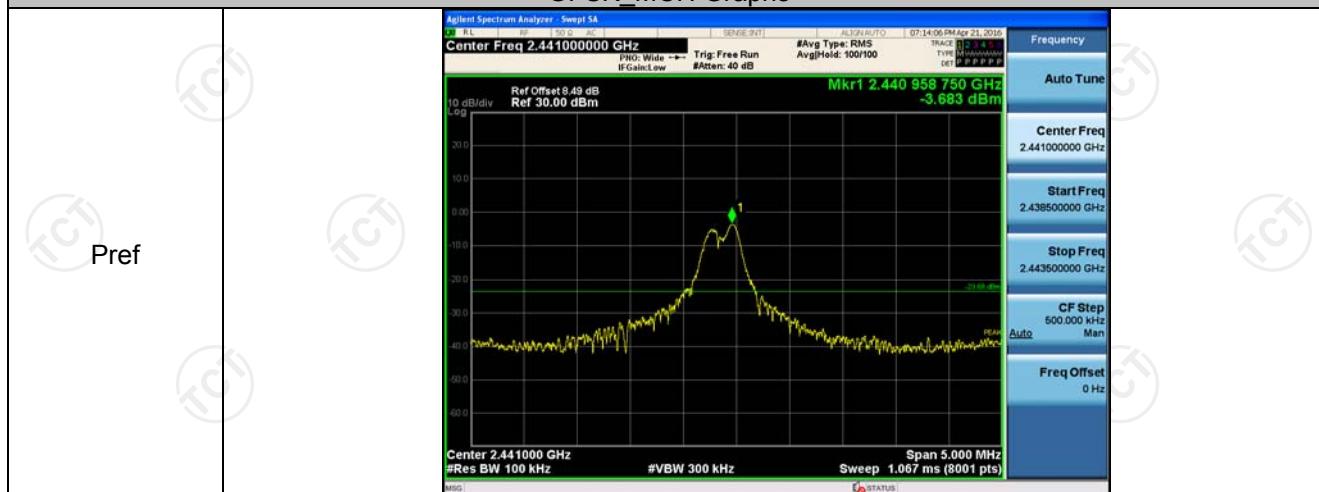
Test Graph

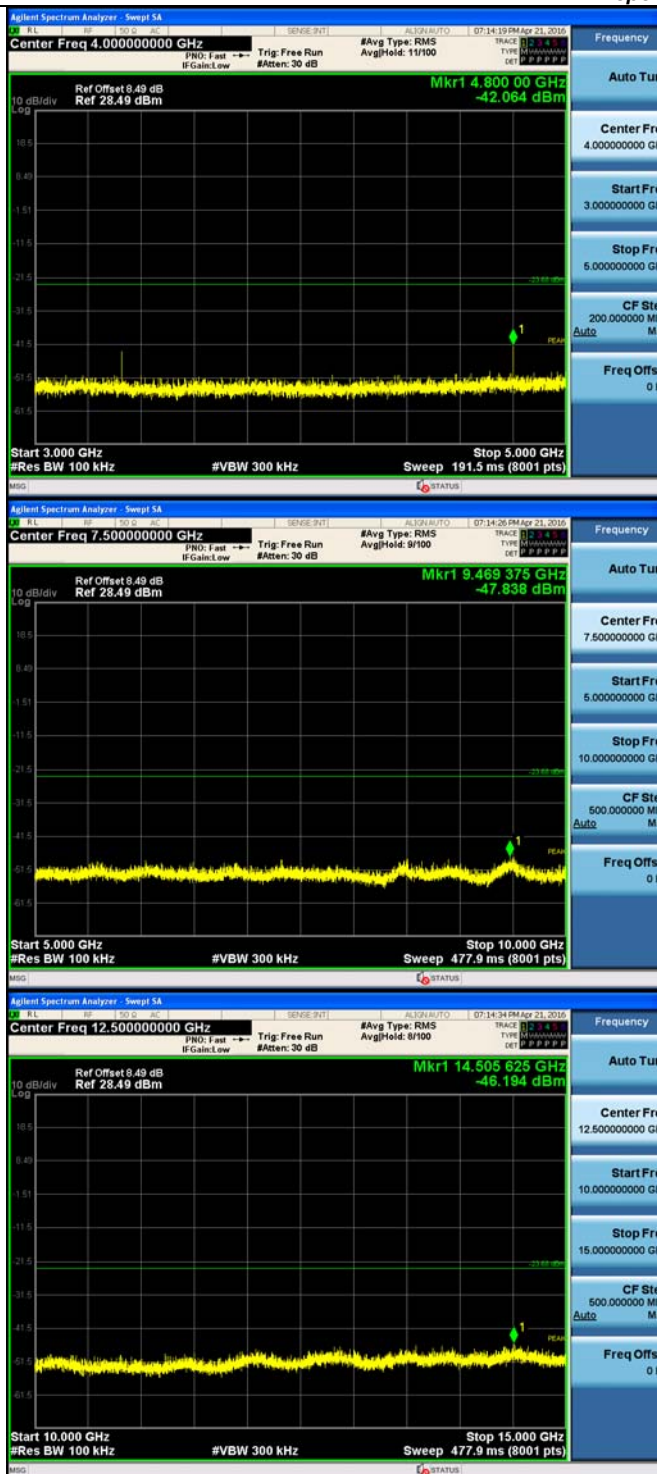


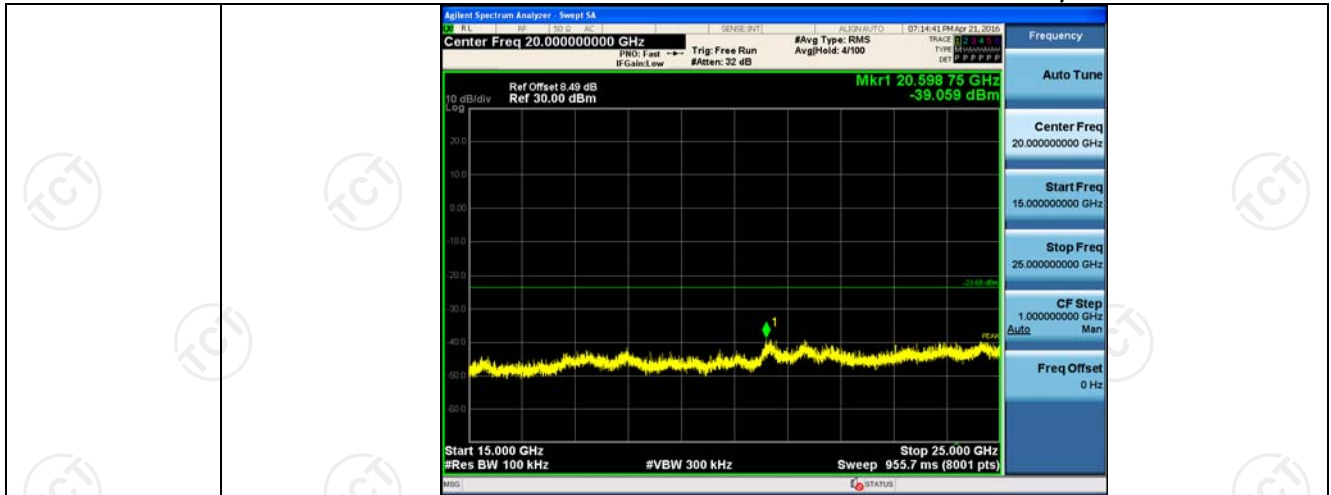




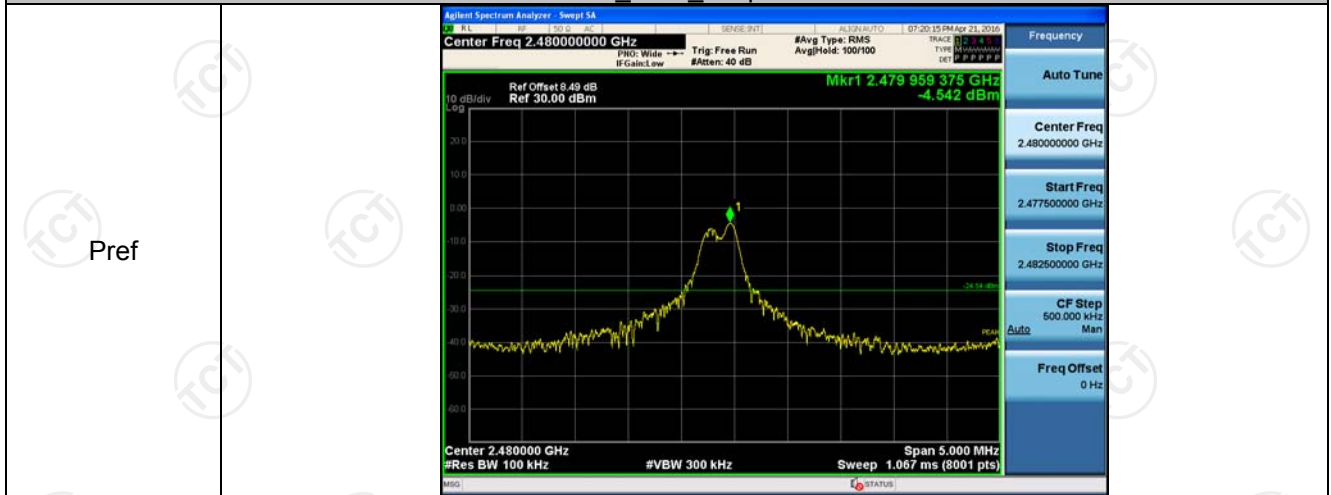
## GFSK\_MCH Graphs



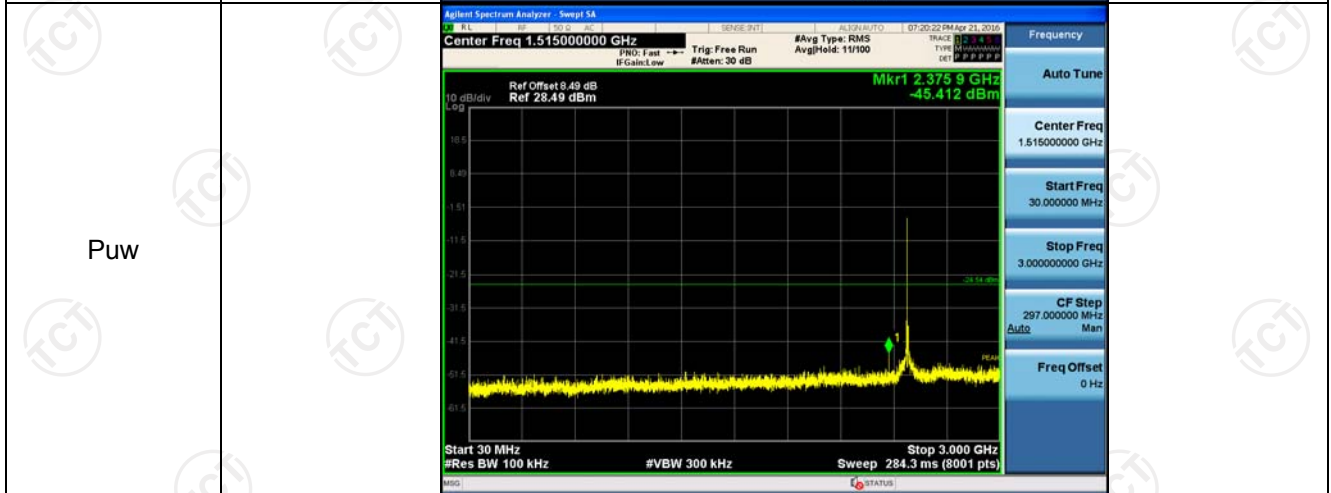




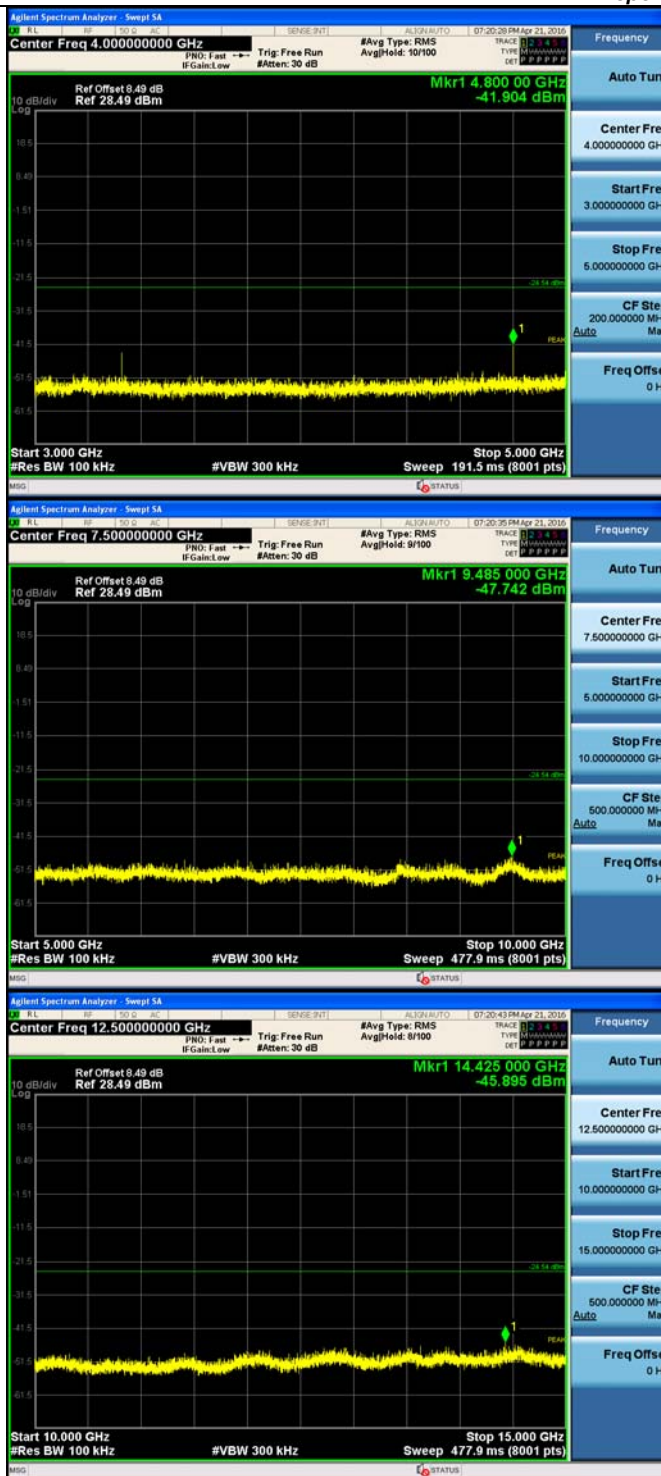
## GFSK HCH\_Graphs

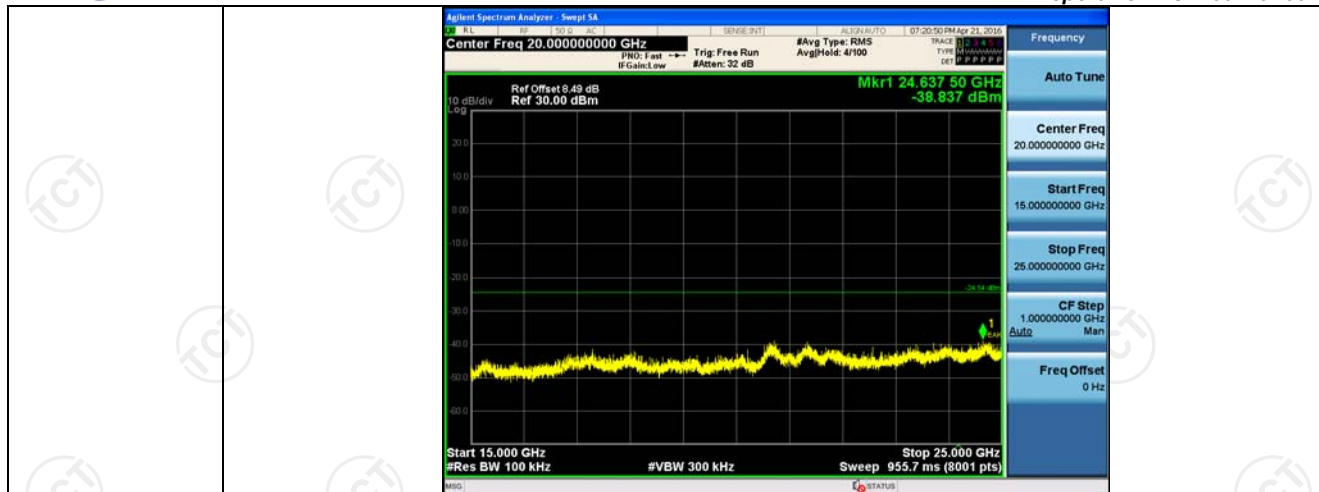


Pref

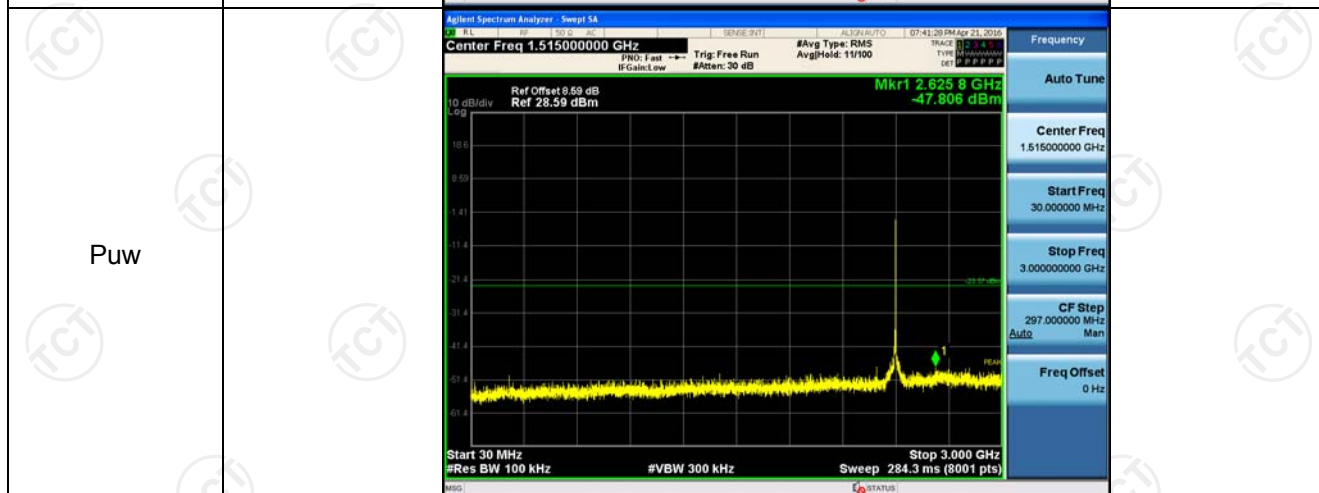
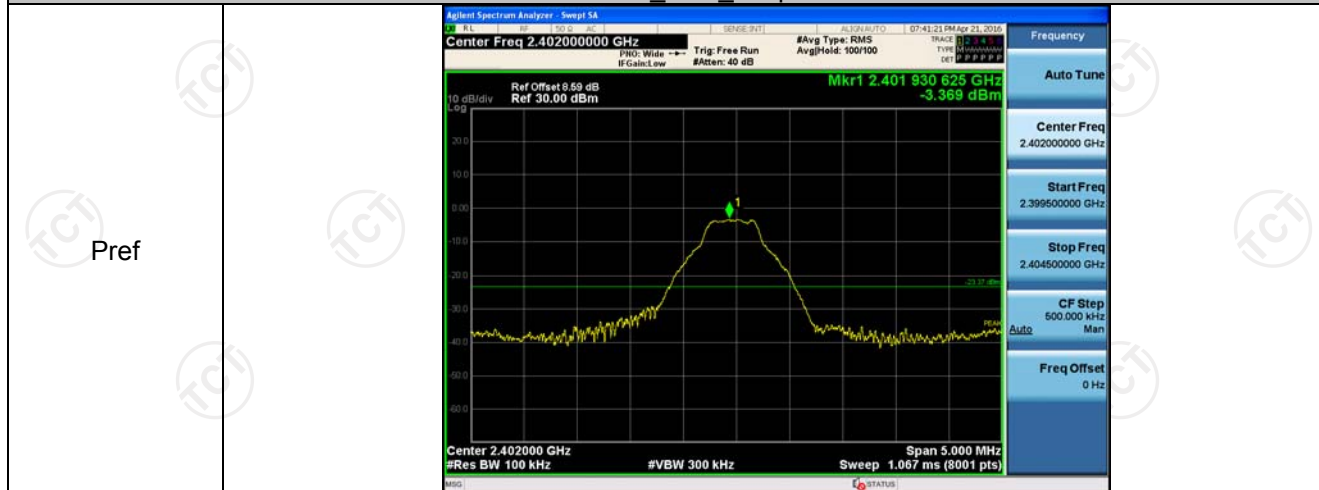


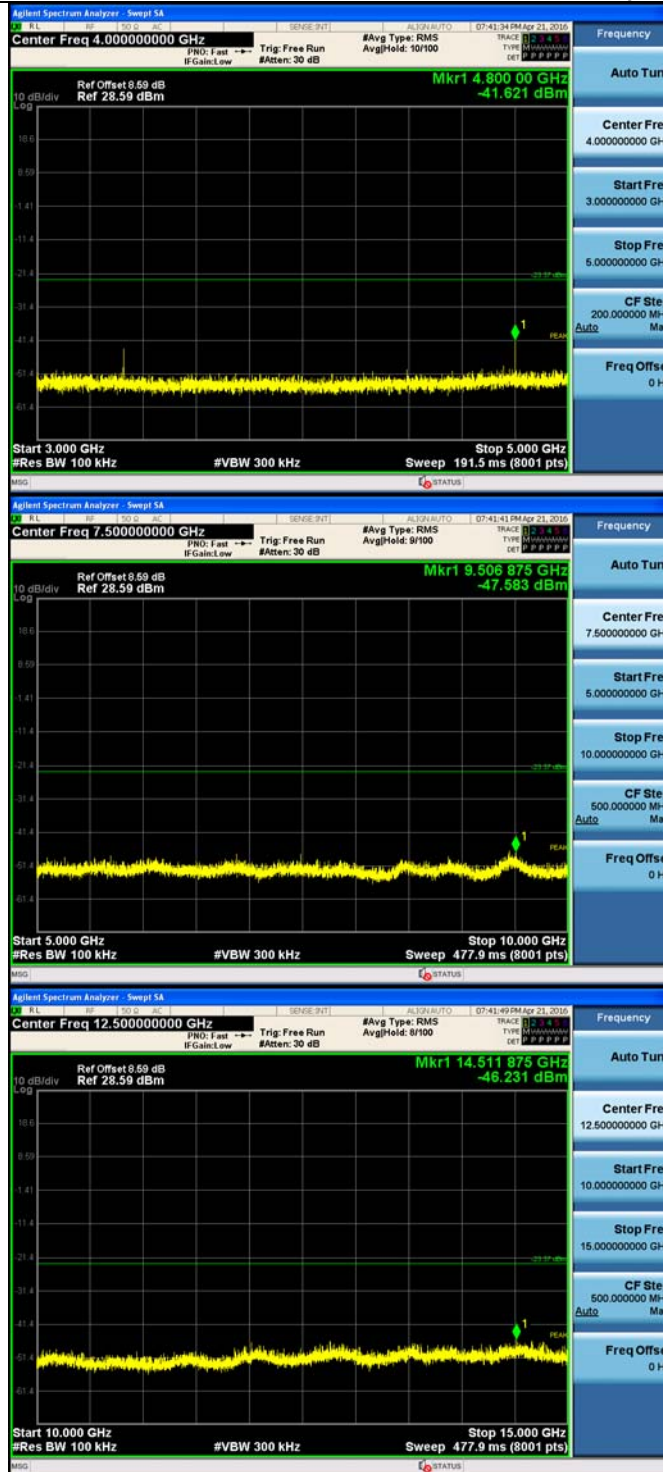
Puw

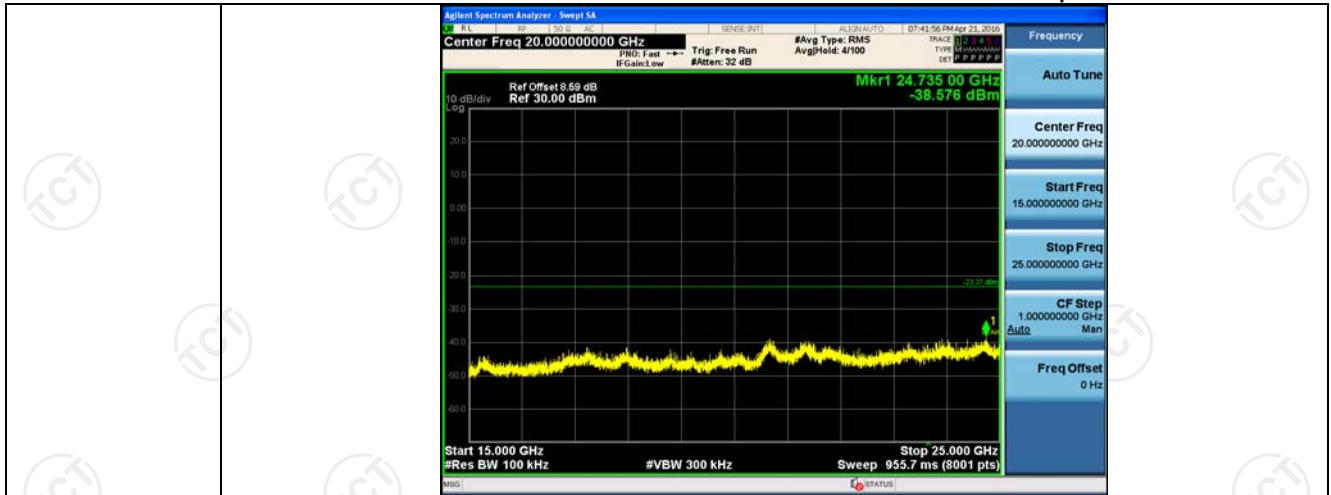




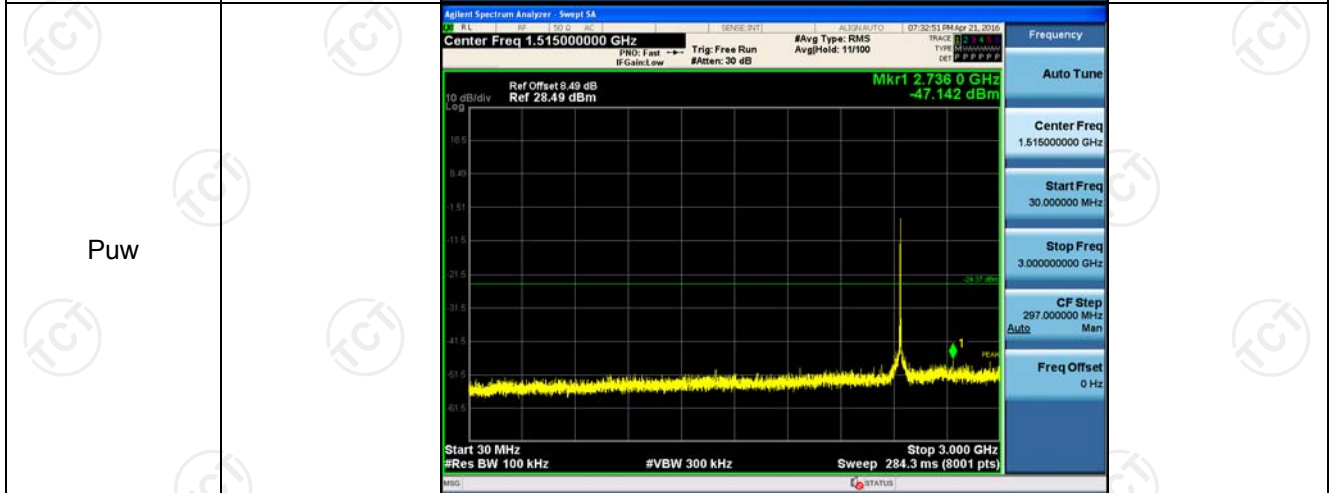
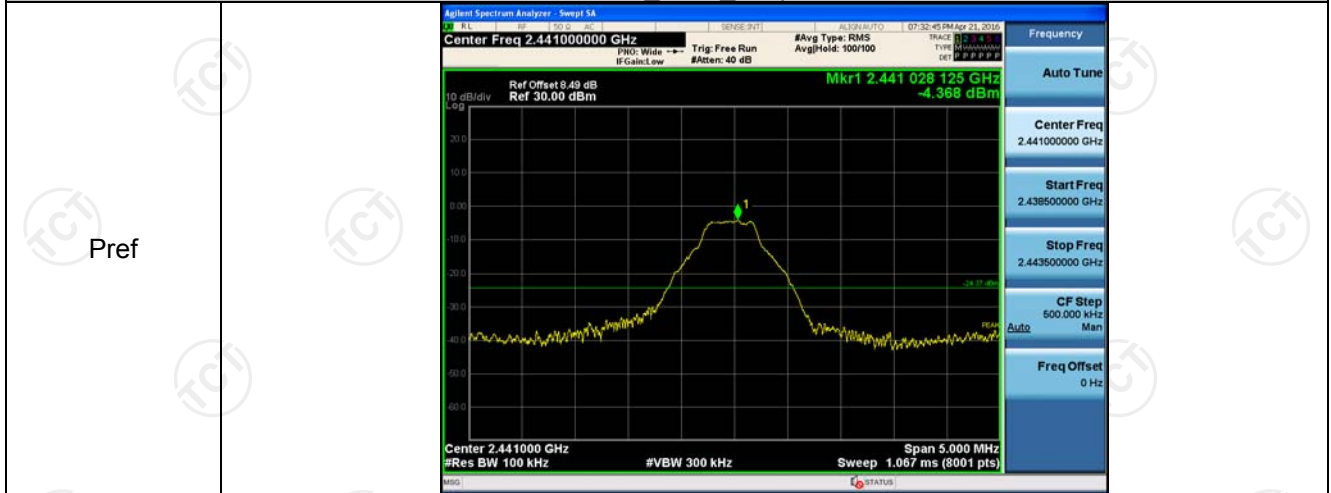
## $\pi/4$ DQPSK LCH\_Graphs

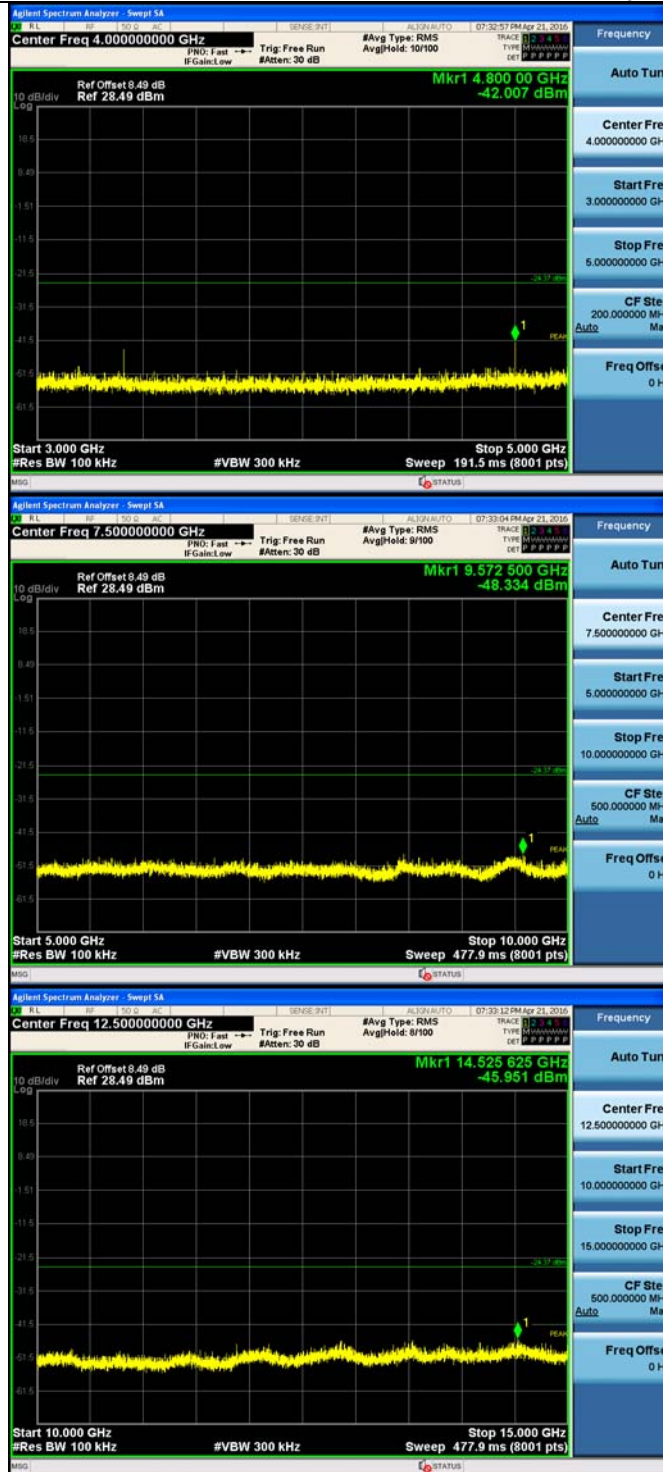


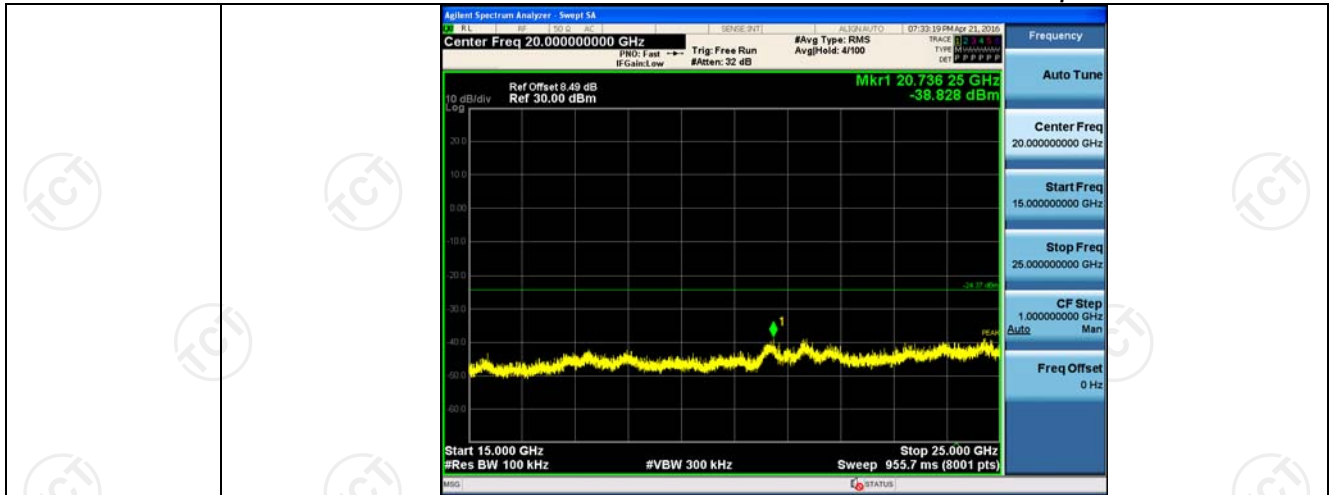




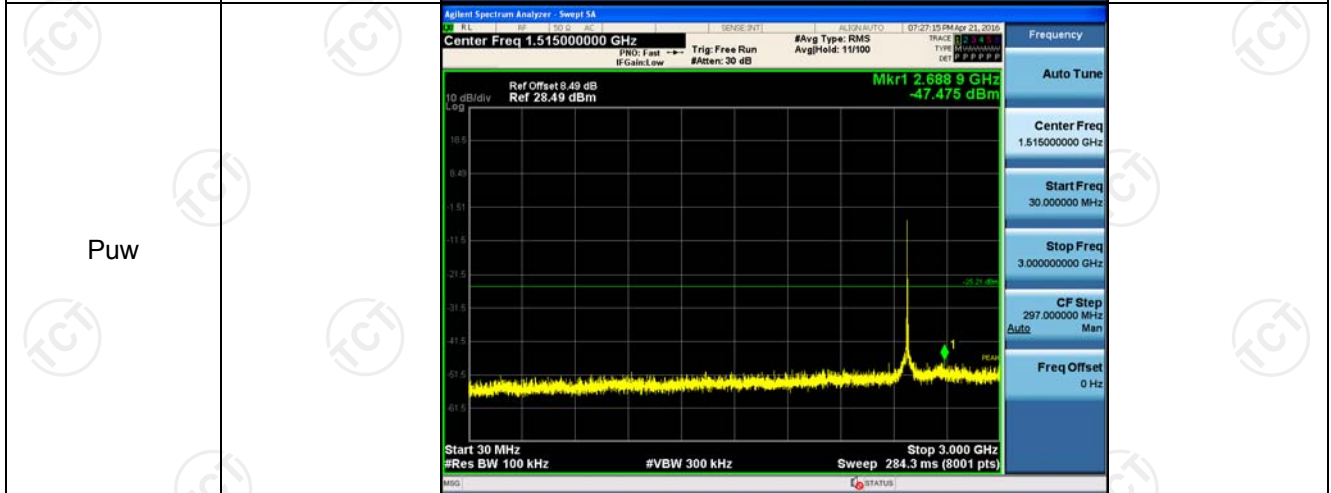
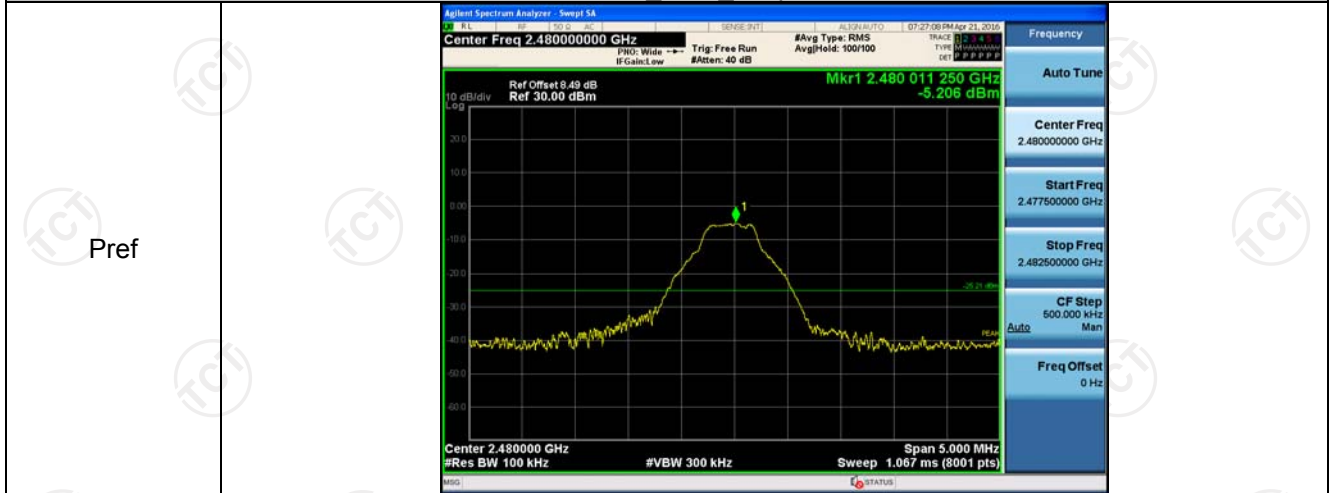
## $\pi/4$ DQPSK\_MCH\_Graphs

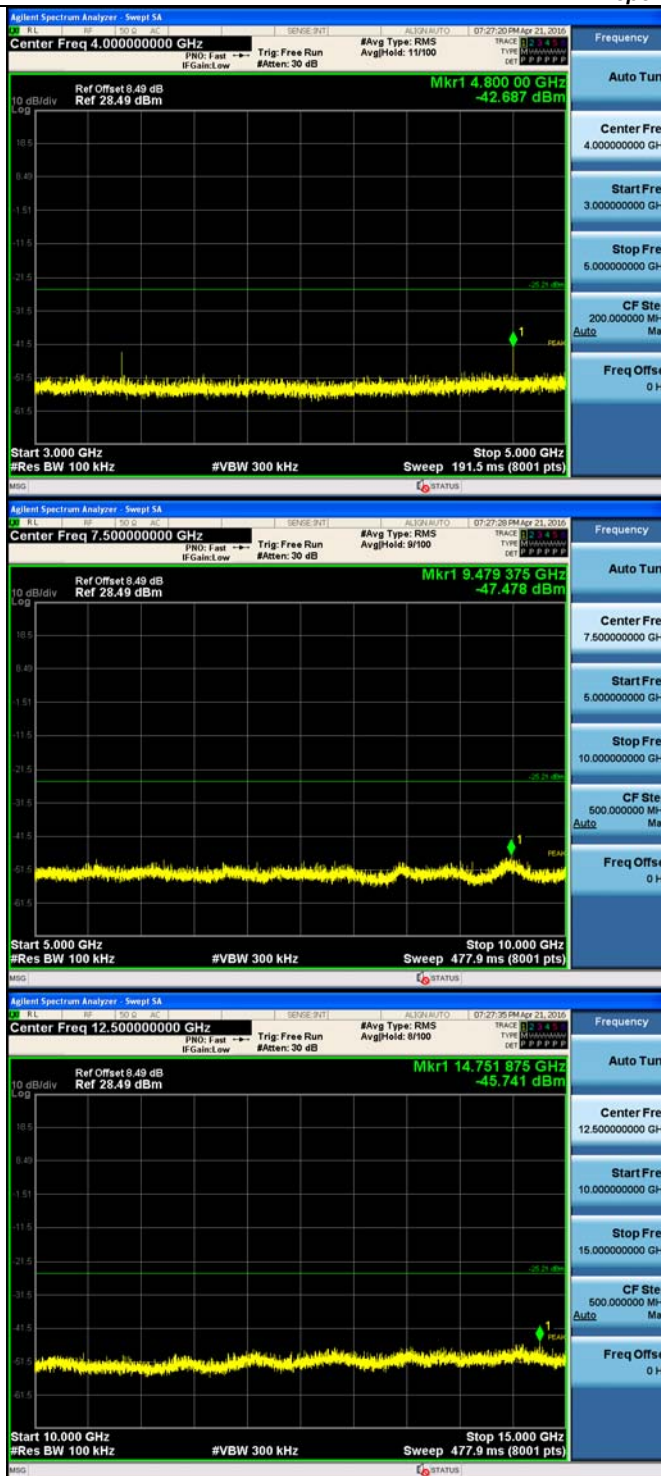


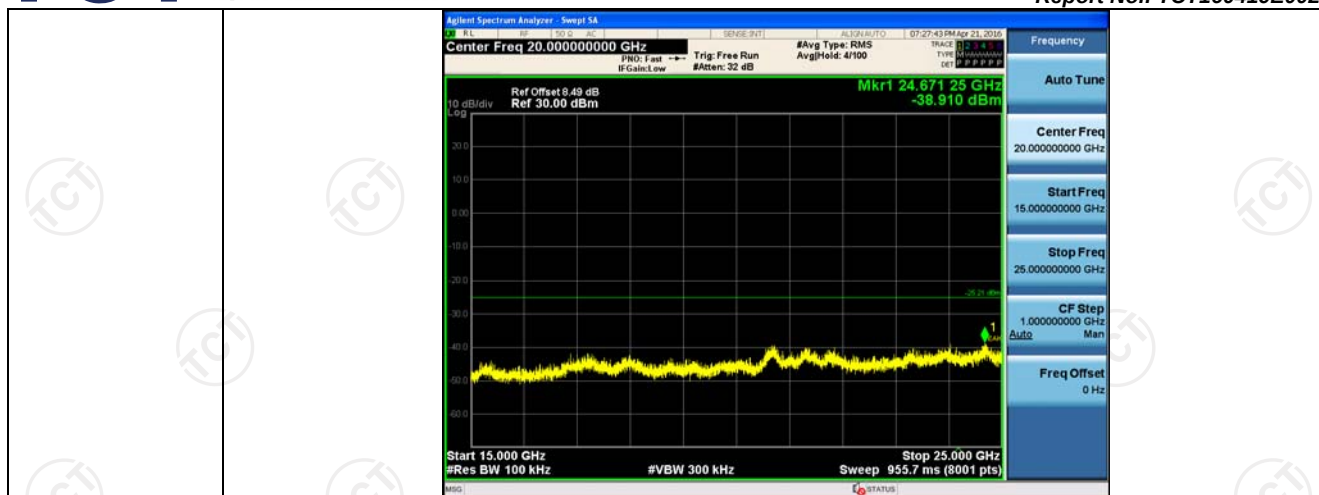




## $\pi/4$ DQPSK\_HCH\_Graphs





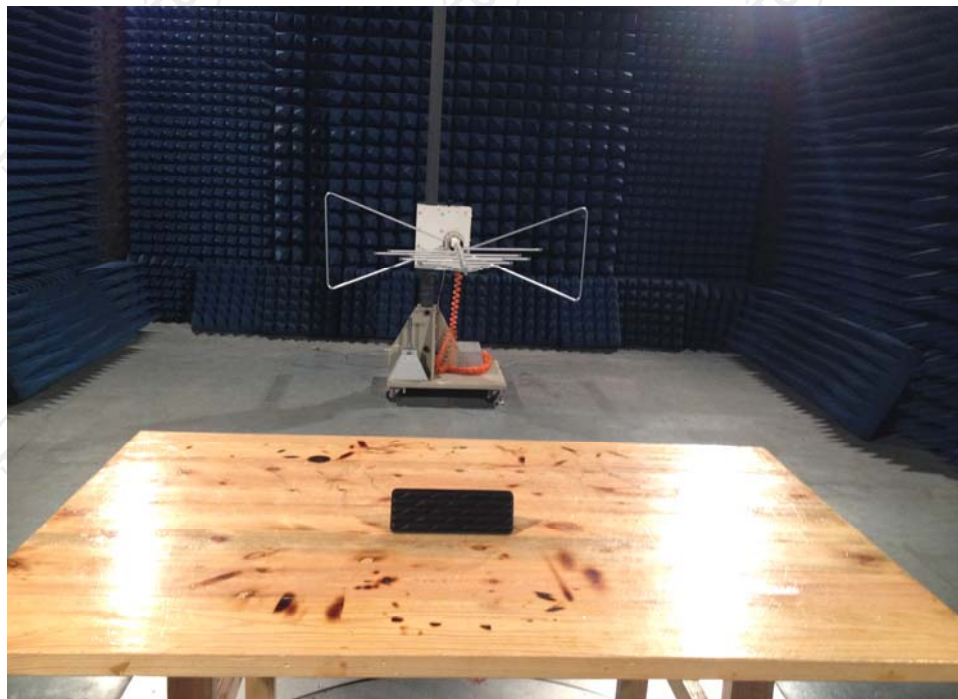


## Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: CQL1539-B

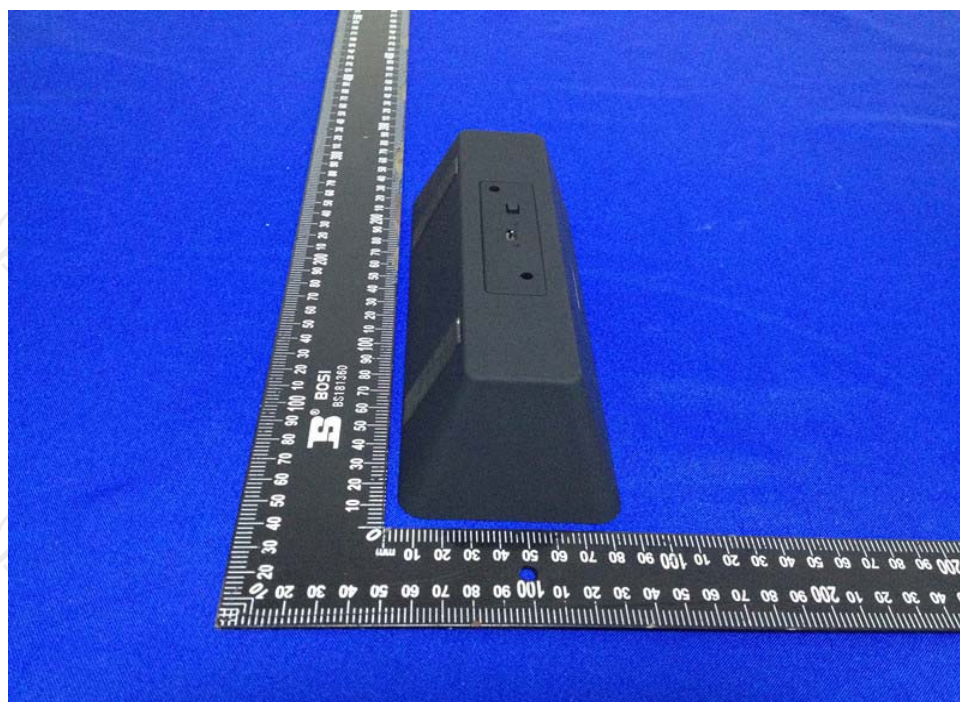
Radiated Emission

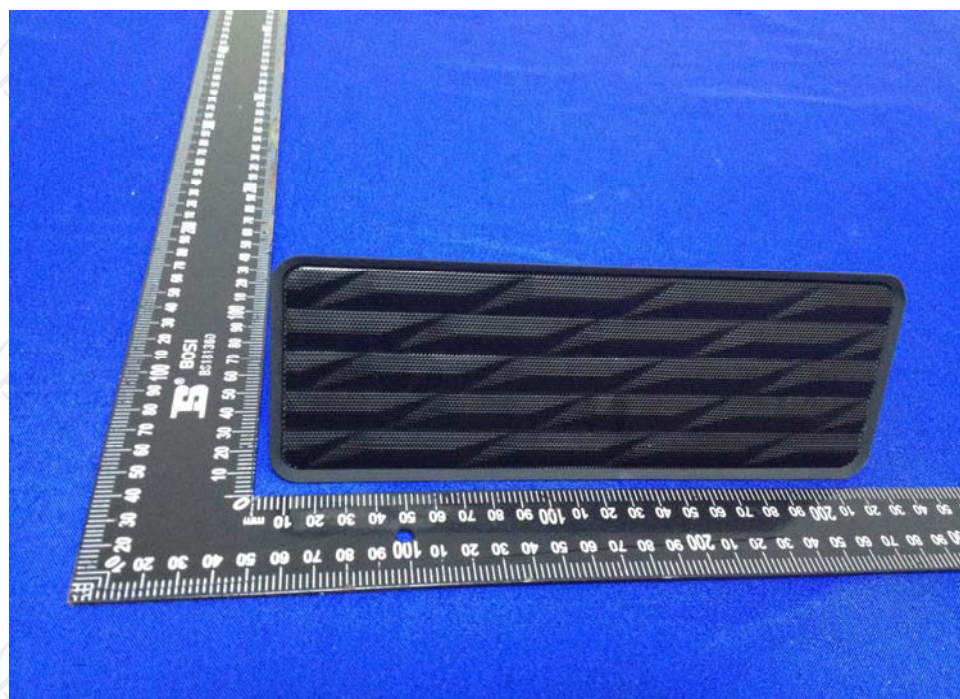


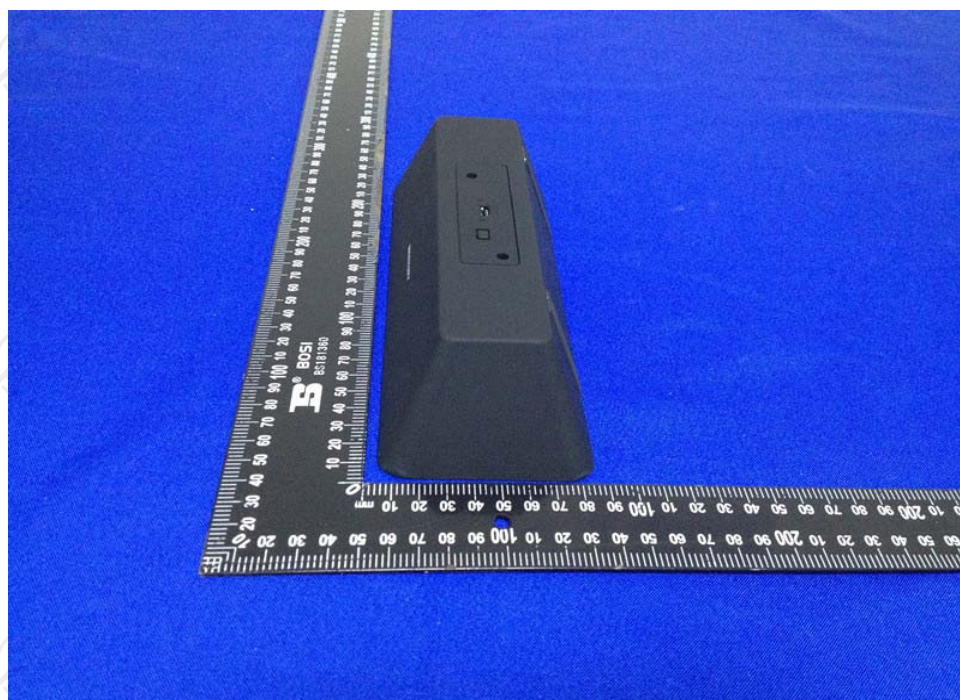
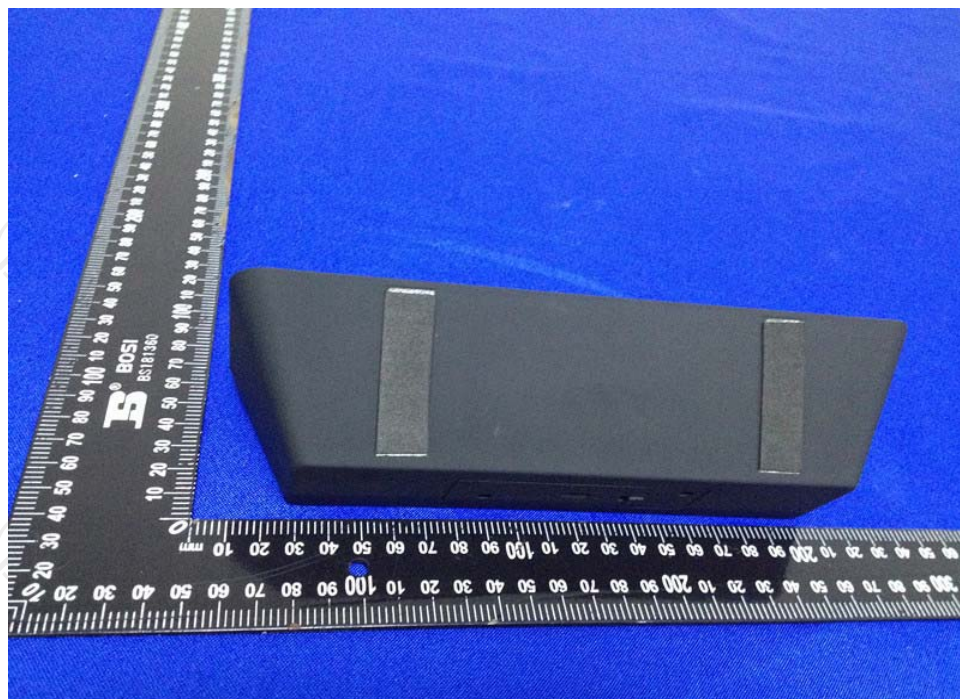
### Conducted Emission

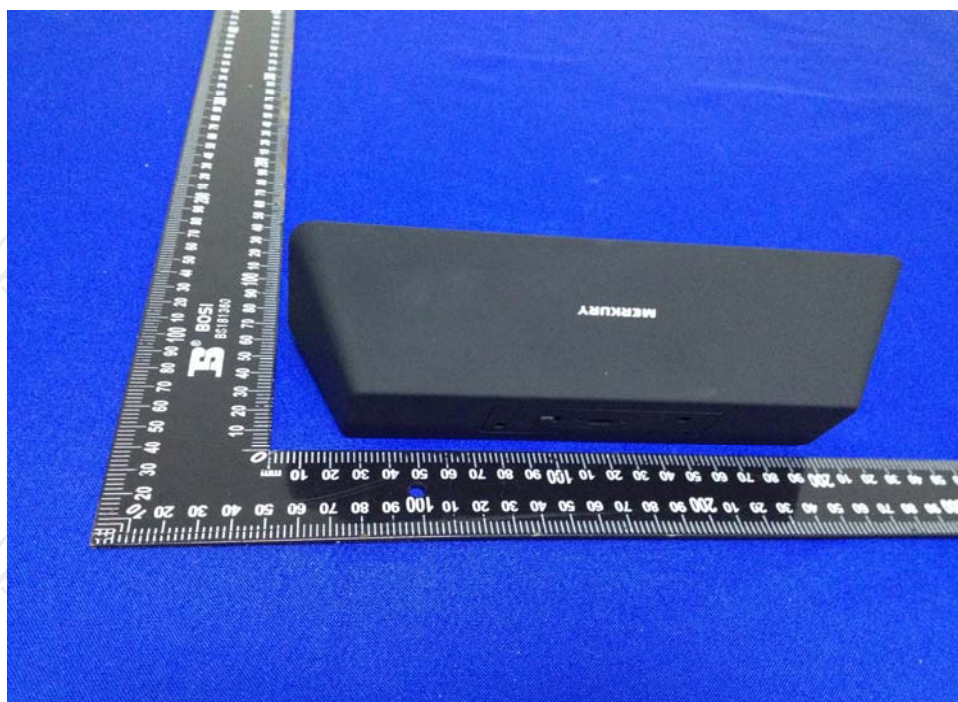


**Appendix C: Photographs of EUT**  
**Product: Bluetooth Speaker**  
**Model: CQL1539-B**  
**External Photos**









**Product: Bluetooth Speaker**  
**Model: CQL1539-B**  
**Internal Photos**

