



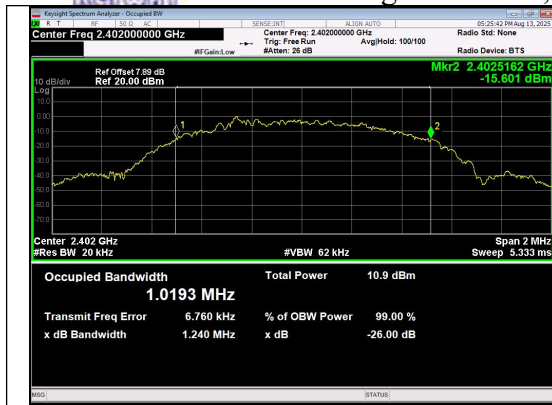
Keyway Testing Technology (Guangdong) Co., Ltd  
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30  
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

## A.1 99% BANDWIDTH

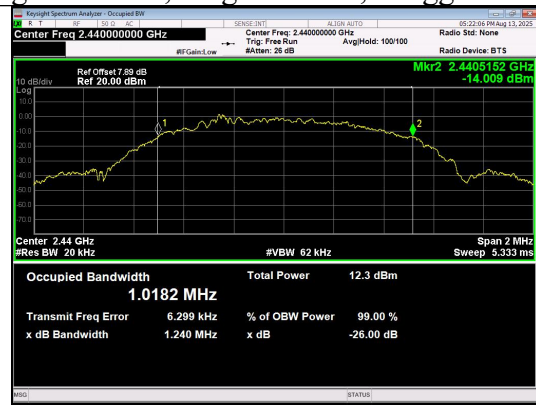
| ENV   | versions | BW | FREQ | channel | packet_type | Frequency (MHz) | 99% OBW (MHz) | Result |
|-------|----------|----|------|---------|-------------|-----------------|---------------|--------|
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 2402            | 1.0193        | PASS   |
| NT/NV | BLE      | 1  | 2440 | 19      | 1 Ms/s      | 2440            | 1.0182        | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 2480            | 1.0187        | PASS   |



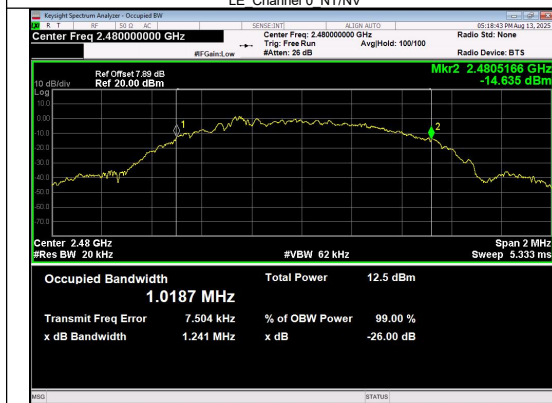
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99 Occupied Bandwidth  
LE\_Channel 0\_NT/NV



99 Occupied Bandwidth  
LE\_Channel 19\_NT/NV



99 Occupied Bandwidth  
LE\_Channel 39\_NT/NV



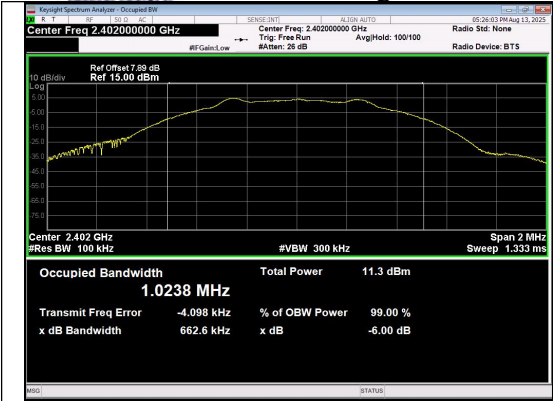
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## A.2 6DB BANDWIDTH

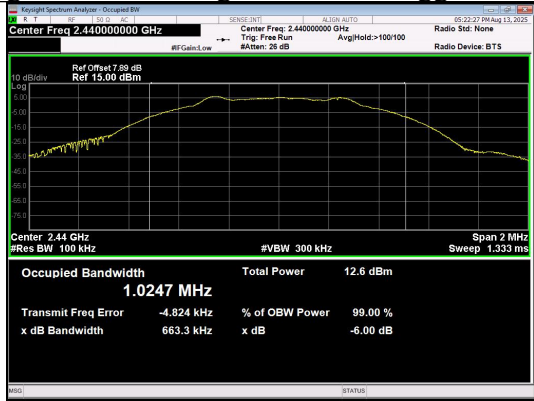
| ENV   | versions | BW | FREQ | channel | packet_type | Ant | Center<br>Frequency<br>(MHz) | X dB<br>Bandwidth<br>(MHz) | Result |
|-------|----------|----|------|---------|-------------|-----|------------------------------|----------------------------|--------|
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | 2402                         | 0.66                       | PASS   |
| NT/NV | BLE      | 1  | 2440 | 19      | 1 Ms/s      | 1   | 2440                         | 0.66                       | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 1   | 2480                         | 0.66                       | PASS   |



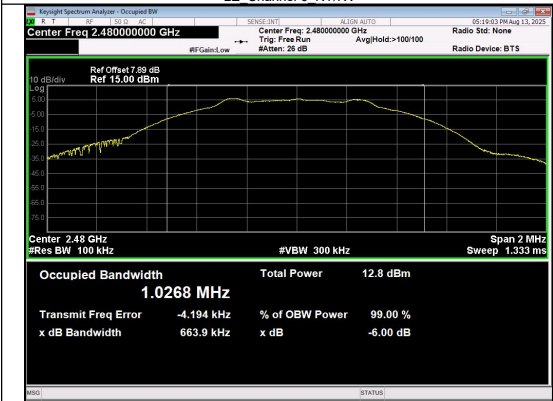
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Occupied Bandwidth  
LE\_Channel 0 NT/NV



Occupied Bandwidth  
LE\_Channel 19 NT/NV



Occupied Bandwidth  
LE\_Channel 39 NT/NV



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### A.3 CONDUCTED OUT OF BAND EMISSION

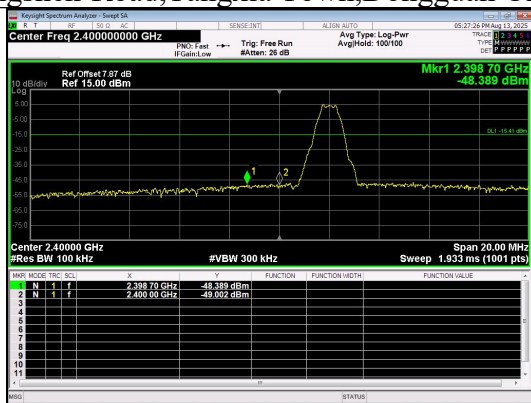
| ENV   | versions | BW | FREQ | channel | packet_type | Ant | OOB<br>Emission<br>Frequency<br>(MHz) | OOB<br>Emission<br>Level<br>(dBm) | Limit<br>(dBm) | Over<br>Limit<br>(dBm) | Result |
|-------|----------|----|------|---------|-------------|-----|---------------------------------------|-----------------------------------|----------------|------------------------|--------|
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | 2398.7                                | -48.389                           | -15.41         | -32.979                | PASS   |
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | 2400.0                                | -49.0                             | -15.41         | -33.59                 | PASS   |
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | 21210.7                               | -51.99                            | -15.41         | -36.58                 | PASS   |
| NT/NV | BLE      | 1  | 2440 | 19      | 1 Ms/s      | 1   | 21181.36728                           | -52.972                           | -14.06         | -38.912                | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 1   | 2483.5                                | -48.85                            | -13.93         | -34.92                 | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 1   | 21571.53329                           | -51.808                           | -13.93         | -37.878                | PASS   |



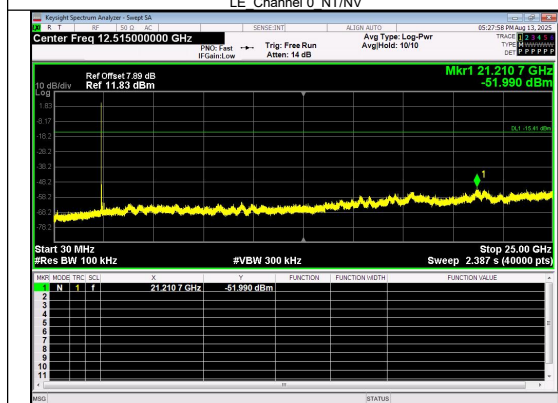
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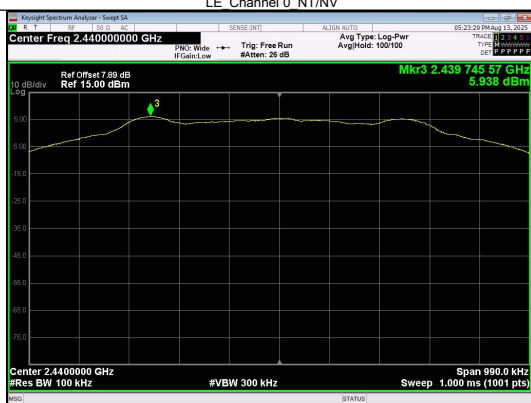
In-Band Reference Level  
LE Channel 0 NT/NV



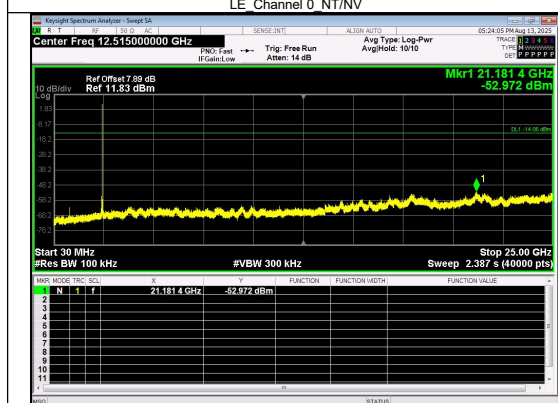
Out Of Band Emission  
LE Channel 0 NT/NV



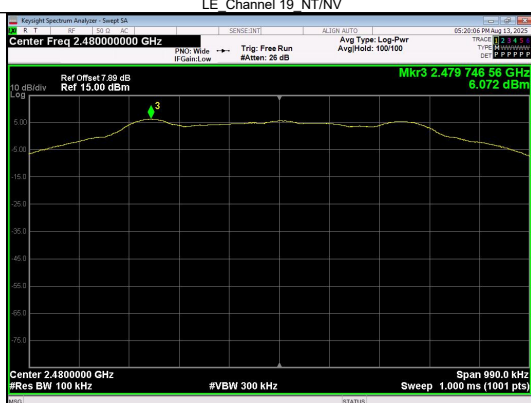
30.0 MHz - 25000.0 MHz  
LE Channel 0 NT/NV



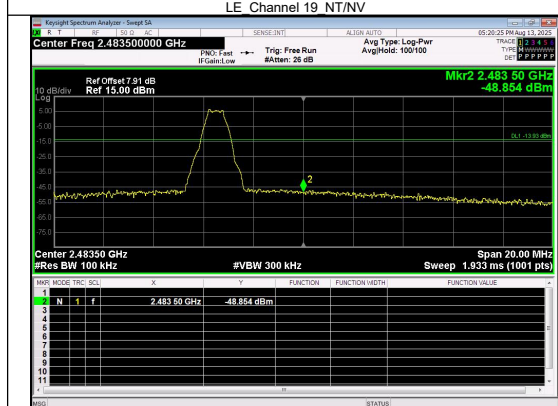
In-Band Reference Level  
LE Channel 19 NT/NV



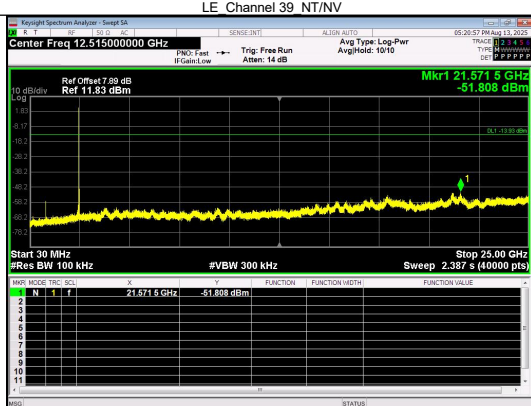
30.0 MHz - 25000.0 MHz  
LE Channel 19 NT/NV



In-Band Reference Level  
LE Channel 19 NT/NV



Out Of Band Emission  
LE Channel 39 NT/NV



30.0 MHz - 25000.0 MHz  
LE Channel 39 NT/NV



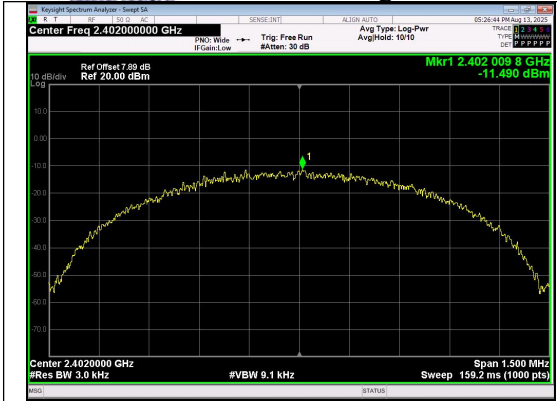
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#### A.4 POWER SPECTRAL DENSITY

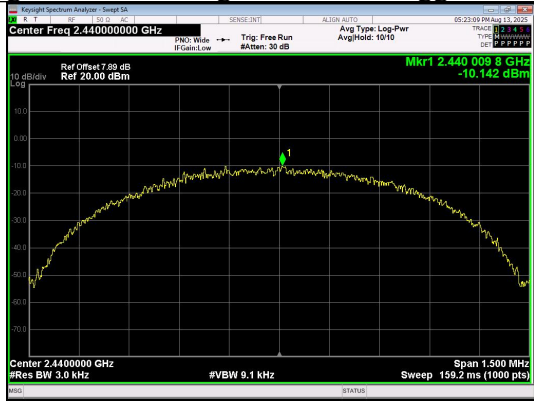
| ENV   | versions | BW | FREQ | channel | packet_type | Ant | PSD<br>(dBm/3kHz) | Limit | Result |
|-------|----------|----|------|---------|-------------|-----|-------------------|-------|--------|
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | -11.49            | 8     | PASS   |
| NT/NV | BLE      | 1  | 2440 | 19      | 1 Ms/s      | 1   | -10.14            | 8     | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 1   | -10.07            | 8     | PASS   |



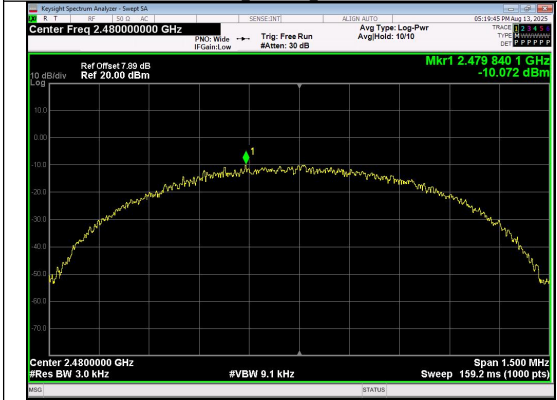
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Power Spectral Density  
LE\_Channel 0 NT/NV



Power Spectral Density  
LE\_Channel 19 NT/NV



Power Spectral Density  
LE\_Channel 39 NT/NV



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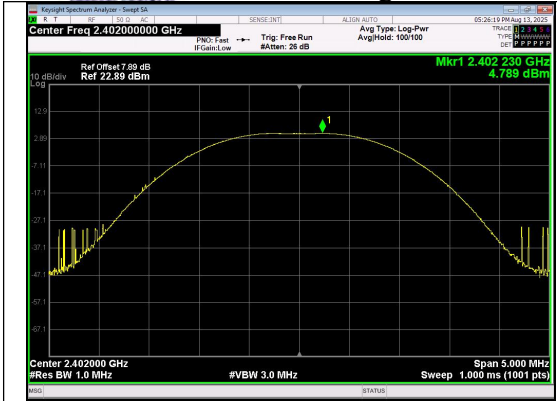
## A.5 CONDUCTED PEAK OUTPUT POWER

### A.5.1 Conducted Output Power

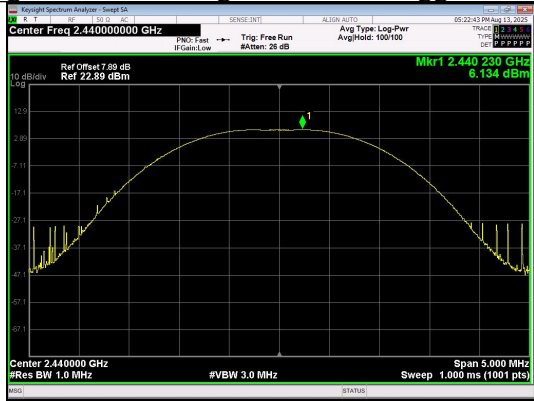
| ENV   | versions | BW | FREQ | channel | packet_type | Ant | Maximum<br>peak<br>conducted<br>output<br>power<br>(dBm) | Maximum<br>peak<br>conducted<br>output<br>power<br>(mW) | Result |
|-------|----------|----|------|---------|-------------|-----|----------------------------------------------------------|---------------------------------------------------------|--------|
| NT/NV | BLE      | 1  | 2402 | 0       | 1 Ms/s      | 1   | 4.79                                                     | 3.01                                                    | PASS   |
| NT/NV | BLE      | 1  | 2440 | 19      | 1 Ms/s      | 1   | 6.13                                                     | 4.1                                                     | PASS   |
| NT/NV | BLE      | 1  | 2480 | 39      | 1 Ms/s      | 1   | 6.29                                                     | 4.26                                                    | PASS   |



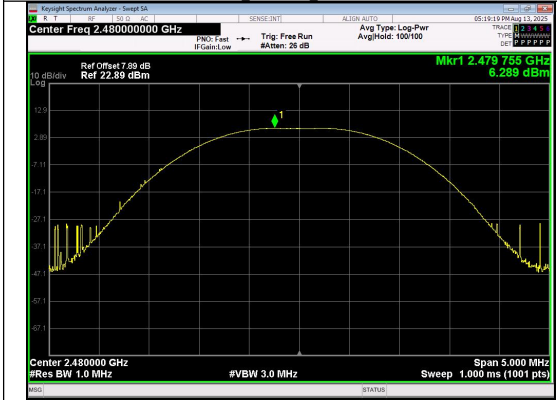
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Maximum peak conducted output power  
LE\_Channel 0 NT/NV



Maximum peak conducted output power  
LE\_Channel 19 NT/NV



mum peak conducted output power  
LE\_Channel 39 NT/NV