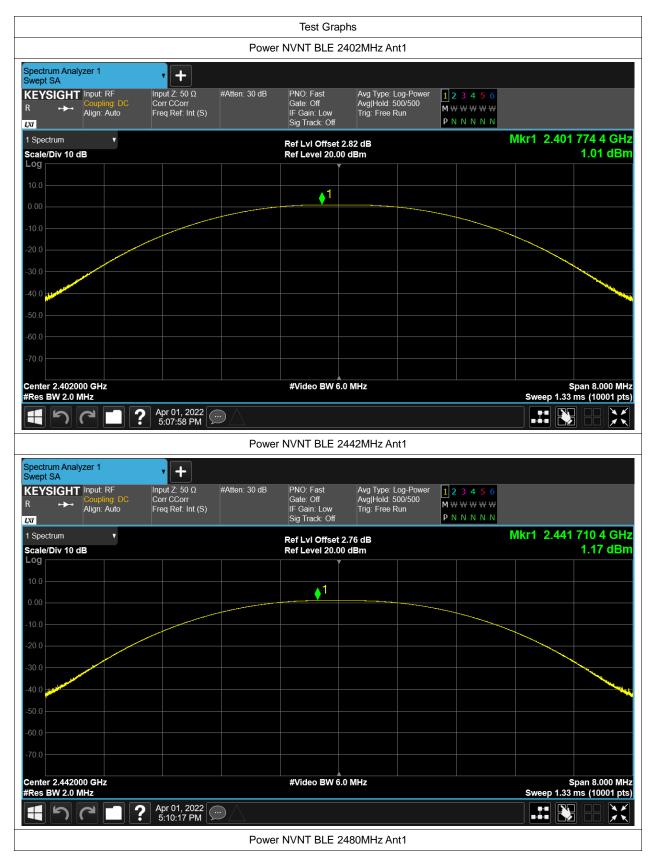


#### Test Data

# **Maximum Conducted Output Power**

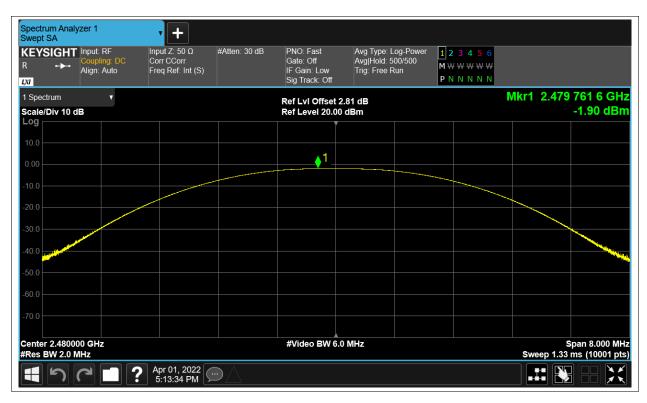
| Condition | Mode | Frequency | Antenna | Conducted Power | Duty Factor | Total Power | Limit | Verdict |
|-----------|------|-----------|---------|-----------------|-------------|-------------|-------|---------|
|           |      | (MHz)     |         | (dBm)           | (dB)        | (dBm)       | (dBm) |         |
| NVNT      | BLE  | 2402      | Ant1    | 1.013           | 0           | 1.013       | 30    | Pass    |
| NVNT      | BLE  | 2442      | Ant1    | 1.171           | 0           | 1.171       | 30    | Pass    |
| NVNT      | BLE  | 2480      | Ant1    | -1.899          | 0           | -1.899      | 30    | Pass    |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 2 of 19







#### -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 0.661                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 0.657                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 0.657                 | 0.5                         | Pass    |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 5 of 19



| Occupi         |                    |                                  |           | • +                                   |            |              |  |                                       |              |     |              |                              |
|----------------|--------------------|----------------------------------|-----------|---------------------------------------|------------|--------------|--|---------------------------------------|--------------|-----|--------------|------------------------------|
| REYS           | SIGHT<br>↔         | Input: R<br>Coupling<br>Align: A | g: DC     | Input Z: 50<br>Corr CCor<br>Freq Ref: | r          | Atten: 30 dB | Trig: Free Run<br>Gate: Off<br>#IF Gain: Low | Center Fre<br>Avg Hold:<br>Radio Std: |              | Hz  |              |                              |
| 1 Graph        | <u>ו</u>           |                                  | •         |                                       |            |              | Ref Lvl Offset 2                             | 04 -15                                |              |     | Mkr3 2.48032 | 8000 GHz                     |
| Scale/         | Div 10.0           | dB                               |           |                                       |            |              | Ref Value 22.81                              |                                       |              |     |              | -7.89 dBm                    |
| Log<br>12.8    |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
| 2.81           |                    |                                  |           |                                       |            |              |  |                                       | 3            |     |              |                              |
| -7.19<br>-17.2 |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
| -27.2 -        |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
| -37.2          |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
| -57.2          |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
| -67.2          |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
|                | 2.48000<br>W 100.0 |                                  |           |                                       |            |              | #Video BW 300.                               | 00 kHz                                |              |     | Sweep 1.33 r | Span 2 MHz<br>ns (10001 pts) |
| 2 Metrie       | cs                 |                                  | v         |                                       |            |              |  |                                       |              |     |              | ,                            |
|                |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
|                |                    | 000                              | upied Ban | dwidth                                |            |              |  |                                       |              |     |              |                              |
|                |                    |                                  |           | 1.0316                                | MHz        |              |  |                                       | Total Power  |     | 4.12 dBm     |                              |
|                |                    |                                  | smit Freq |                                       |            | -893 Hz      |  |                                       | % of OBW Pow | ver | 99.00 %      |                              |
|                |                    | X dB                             | Bandwidt  | n                                     |            | 657.2 kHz    |  |                                       | x dB         |     | -6.00 dB     |                              |
|                |                    |                                  |           |                                       |            |              |  |                                       |              |     |              |                              |
|                | 5                  |                                  | ]?        | Apr 01, 2<br>5:13:50                  | 2022<br>PM | $\square$    |  |                                       |              |     |              |                              |



# **Occupied Channel Bandwidth**

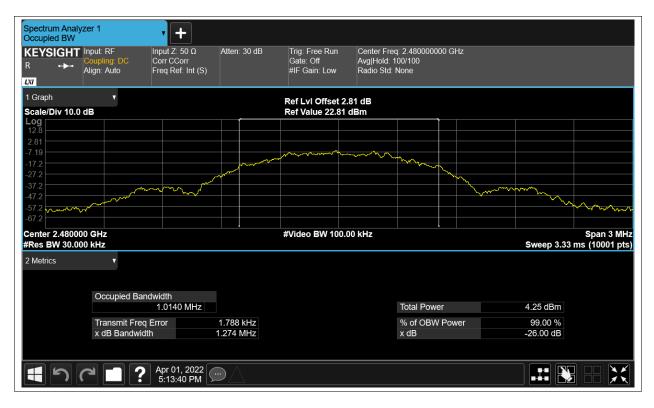
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.011696411   |
| NVNT      | BLE  | 2442            | Ant1    | 1.003497843   |
| NVNT      | BLE  | 2480            | Ant1    | 1.014000107   |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 8 of 19



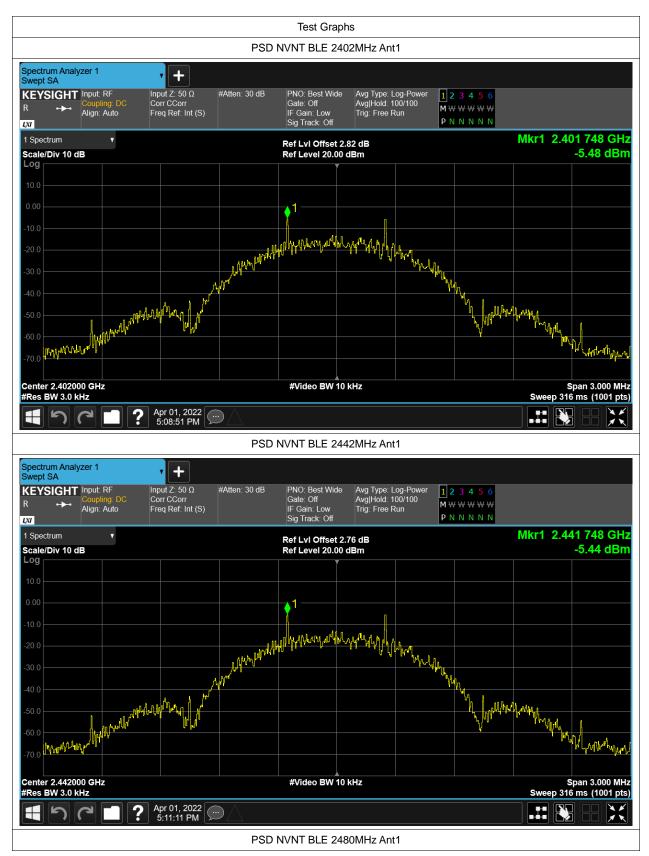




# **Maximum Power Spectral Density Level**

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -5.484        | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -5.436        | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -8.447        | 8           | Pass    |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 11 of 19



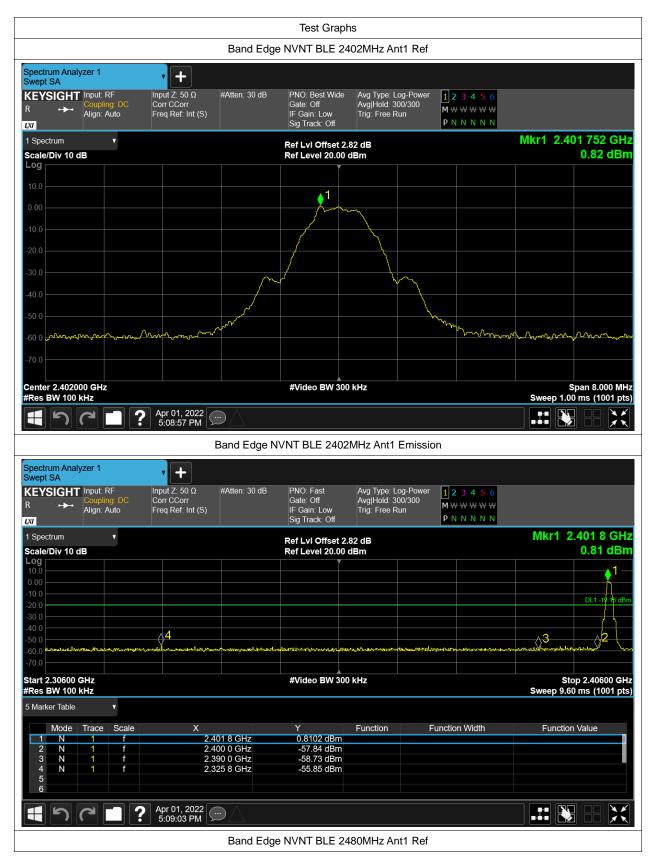




#### **Band Edge**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -56.67          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -54.39          | -20         | Pass    |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 14 of 19



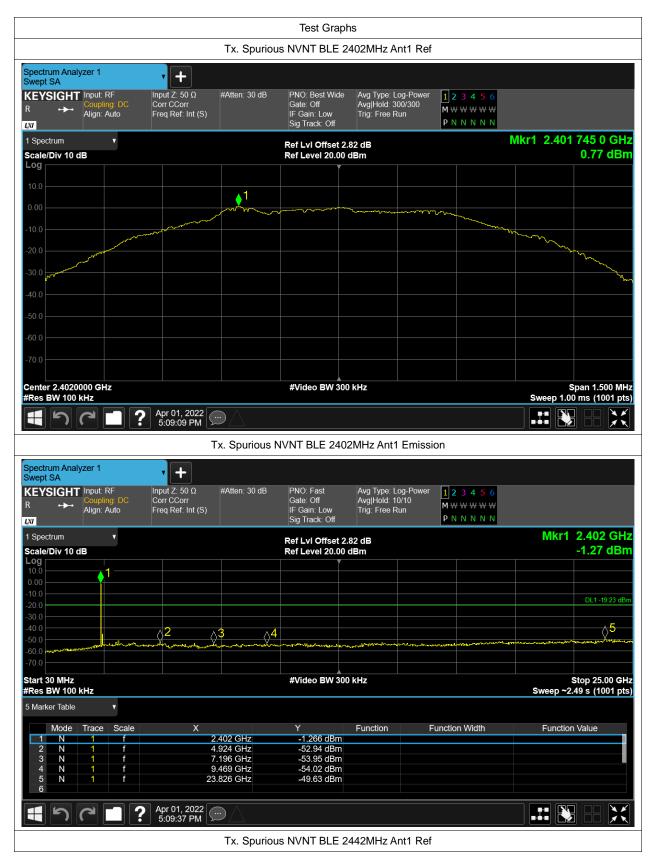




# **Conducted RF Spurious Emission**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -50.4           | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -50.68          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -47.93          | -20         | Pass    |





JianYan Testing Group Shenzhen Co., Ltd. Project No.: JYTSZR2203077 No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Page 17 of 19







