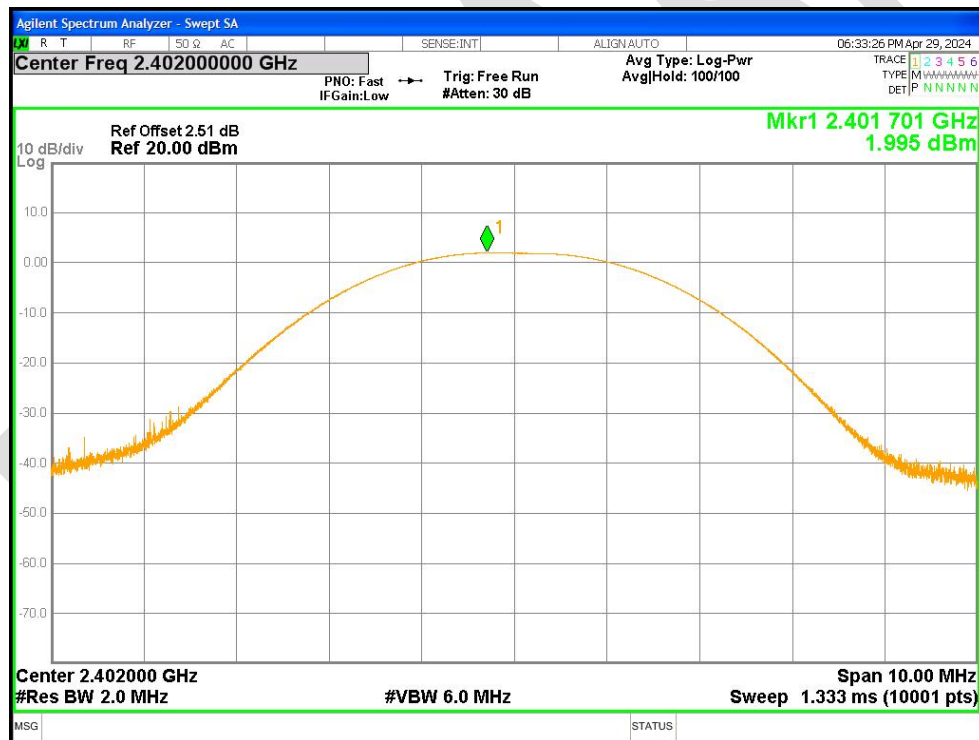


## 7 Appendix A

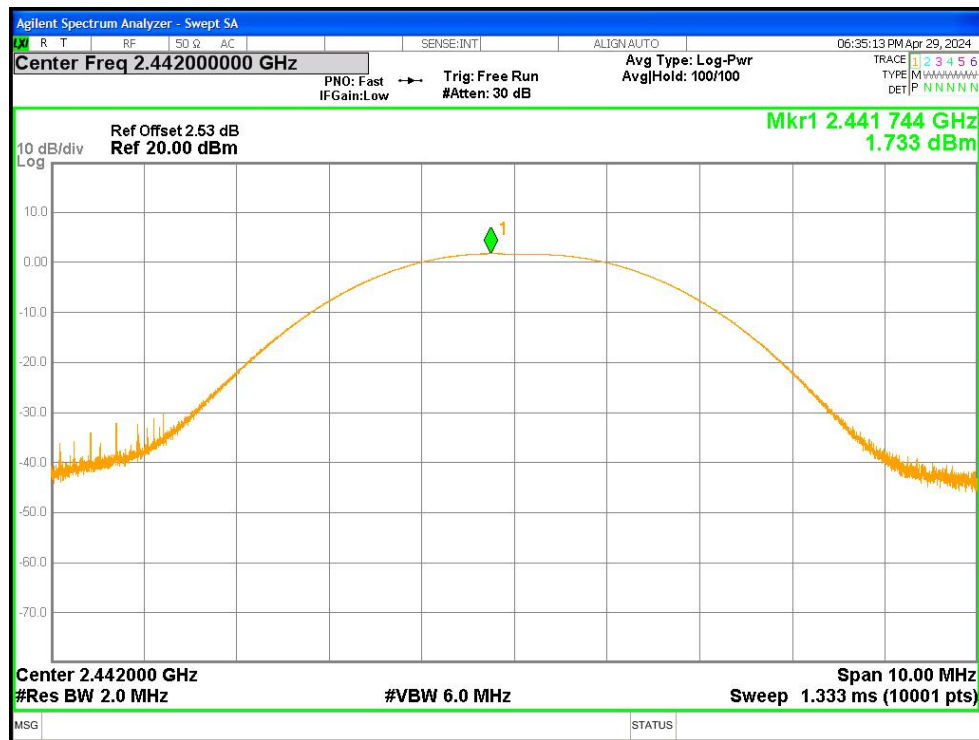
### 7.1 Maximum Conducted Output Power

| Condition | Mode   | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.995                 | 30          | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | 1.733                 | 30          | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.472                 | 30          | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.049                 | 30          | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | 1.889                 | 30          | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 0.676                 | 30          | Pass    |

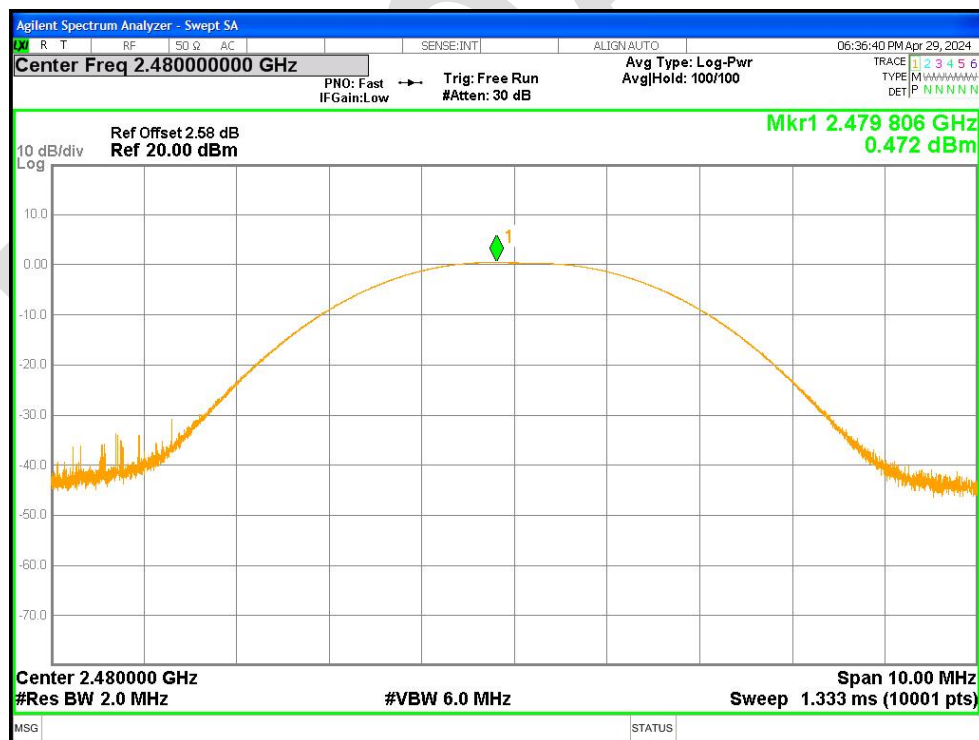
Power NVNT BLE 1M 2402MHz Ant1



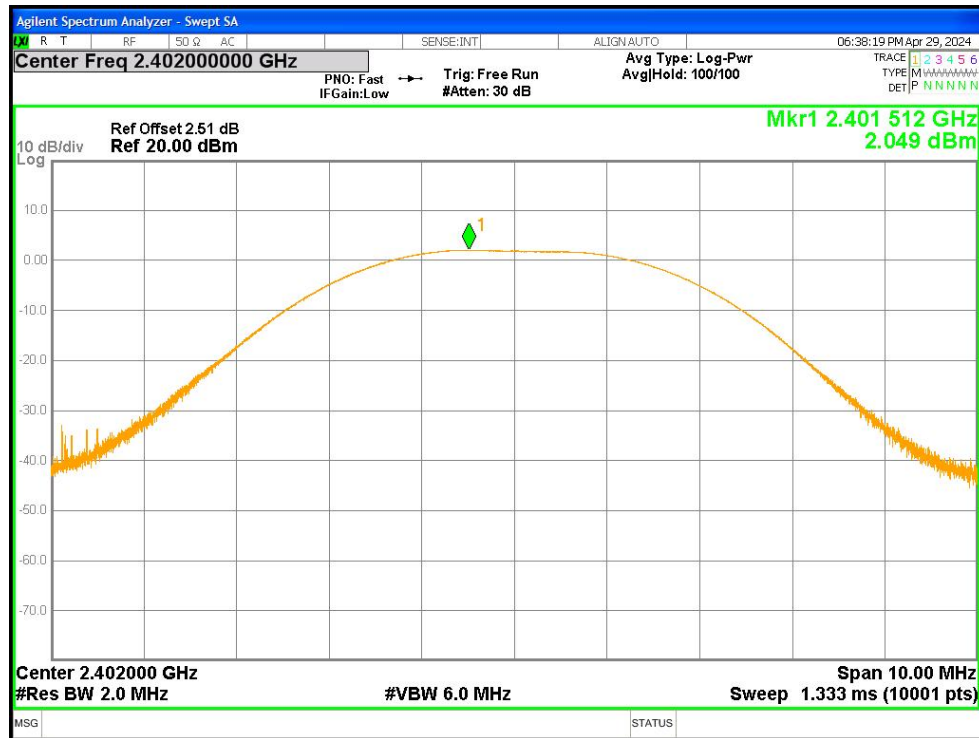
Power NVNT BLE 1M 2442MHz Ant1



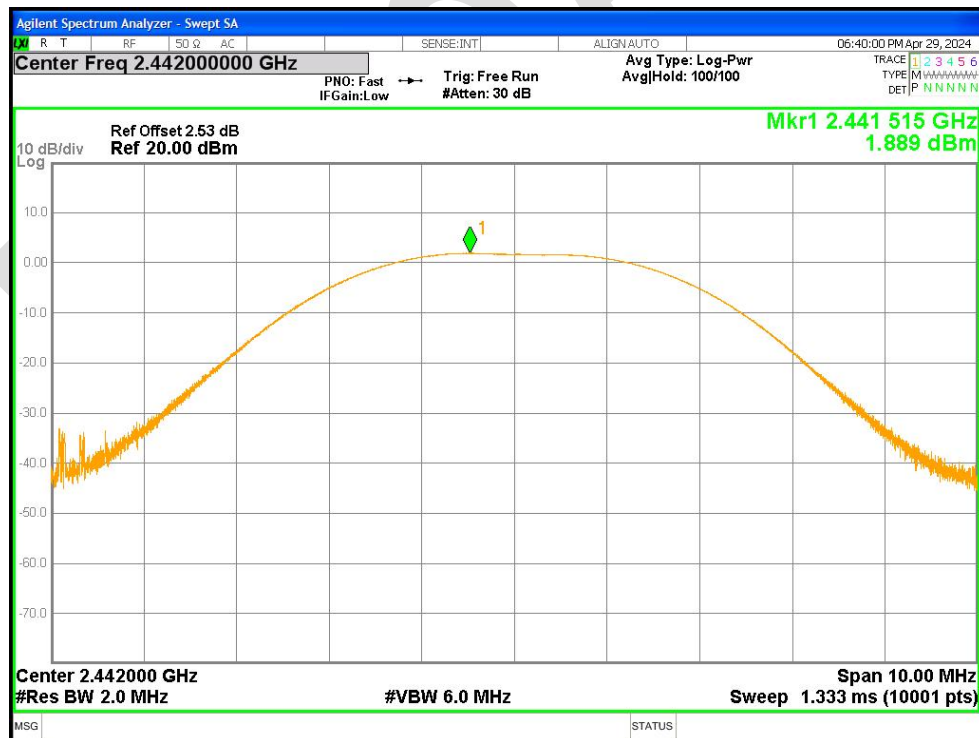
Power NVNT BLE 1M 2480MHz Ant1



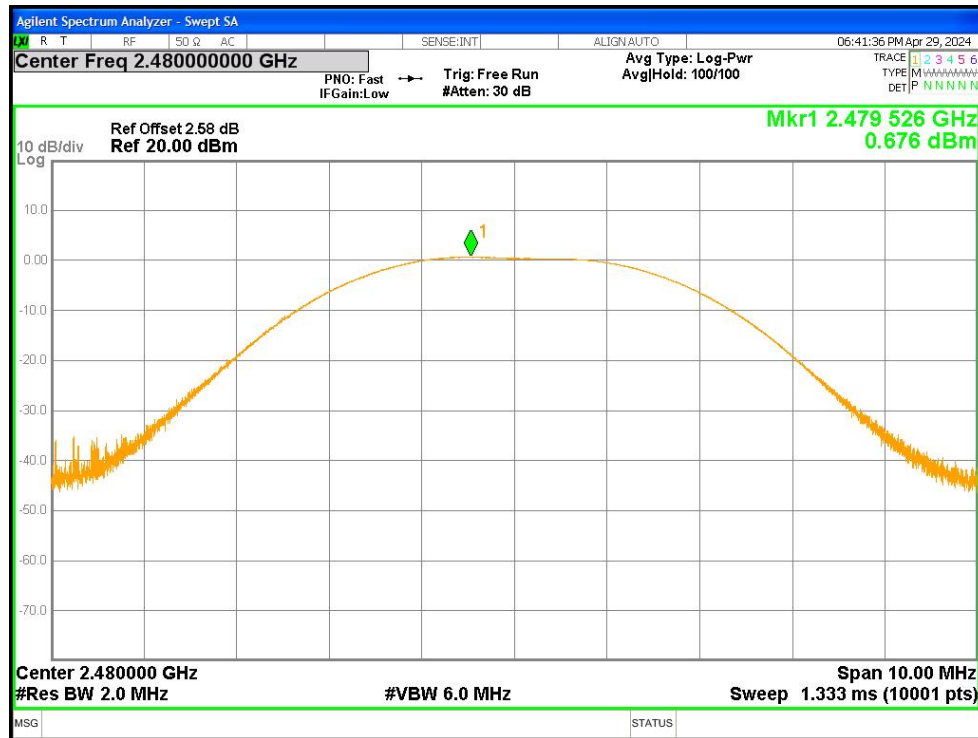
Power NVNT BLE 2M 2402MHz Ant1



Power NVNT BLE 2M 2442MHz Ant1



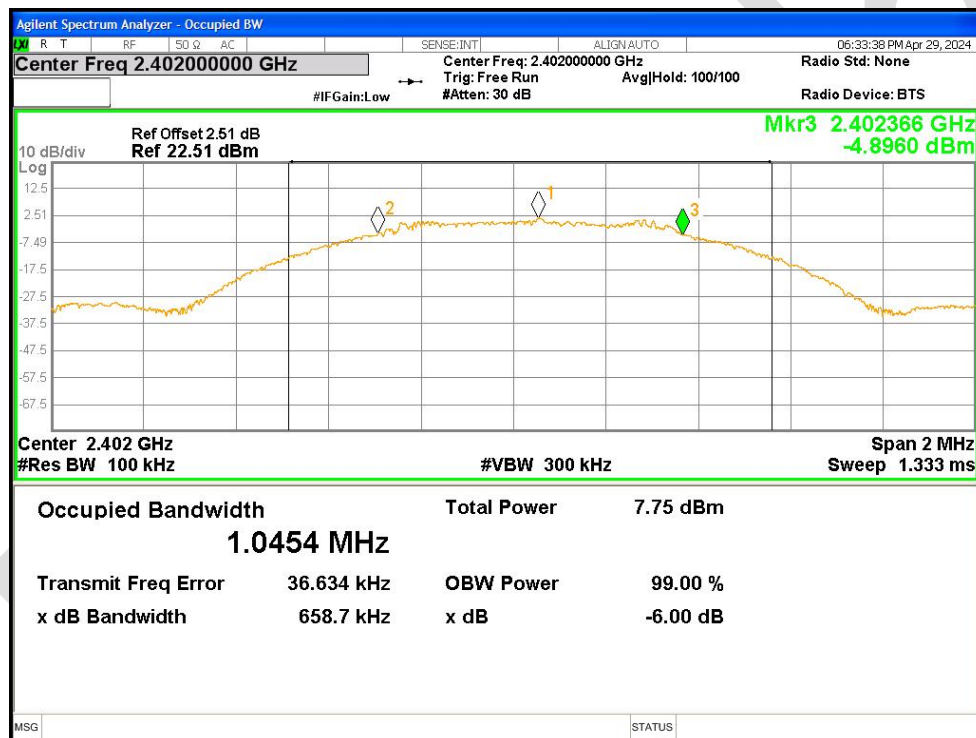
Power NVNT BLE 2M 2480MHz Ant1



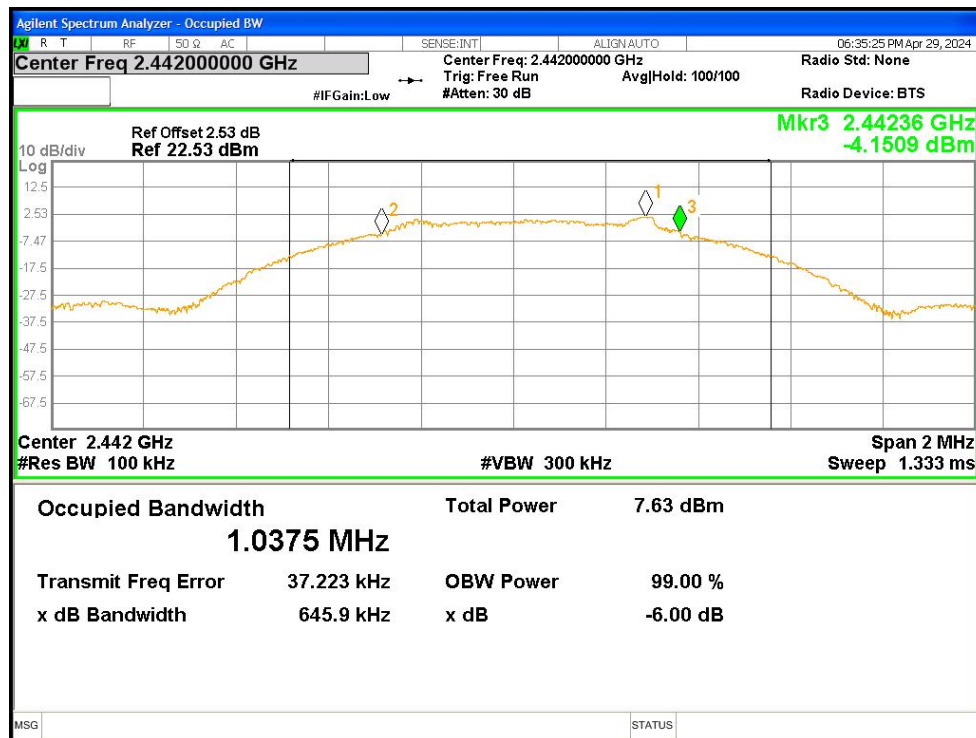
## 7.2 -6dB Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.659                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | 0.646                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.652                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.162                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | 1.205                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.116                 | 0.5                         | Pass    |

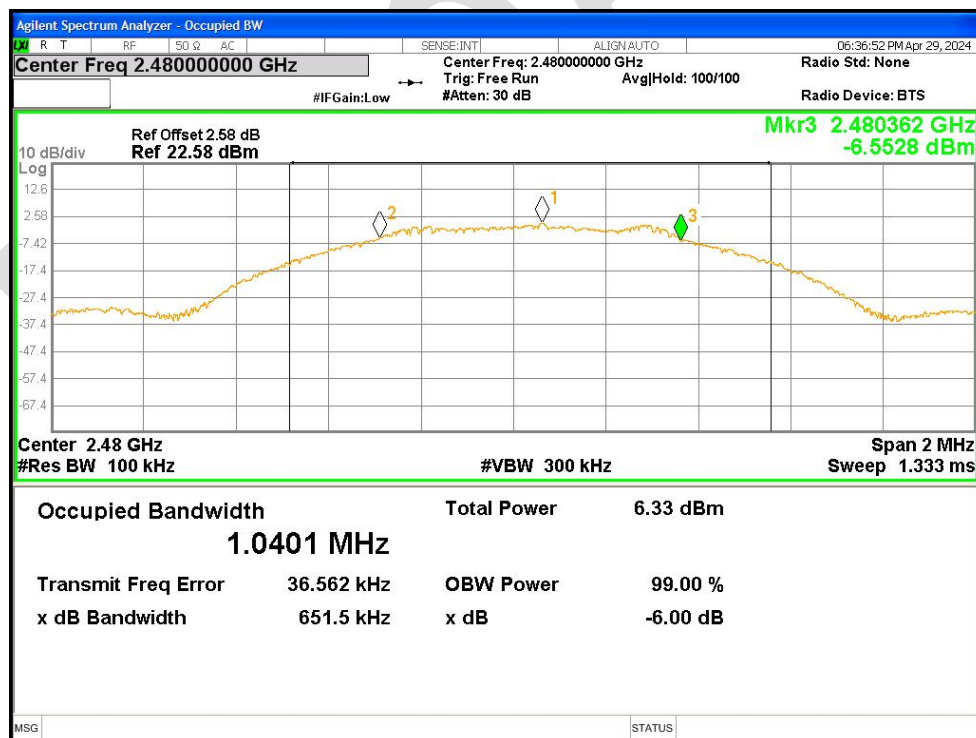
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



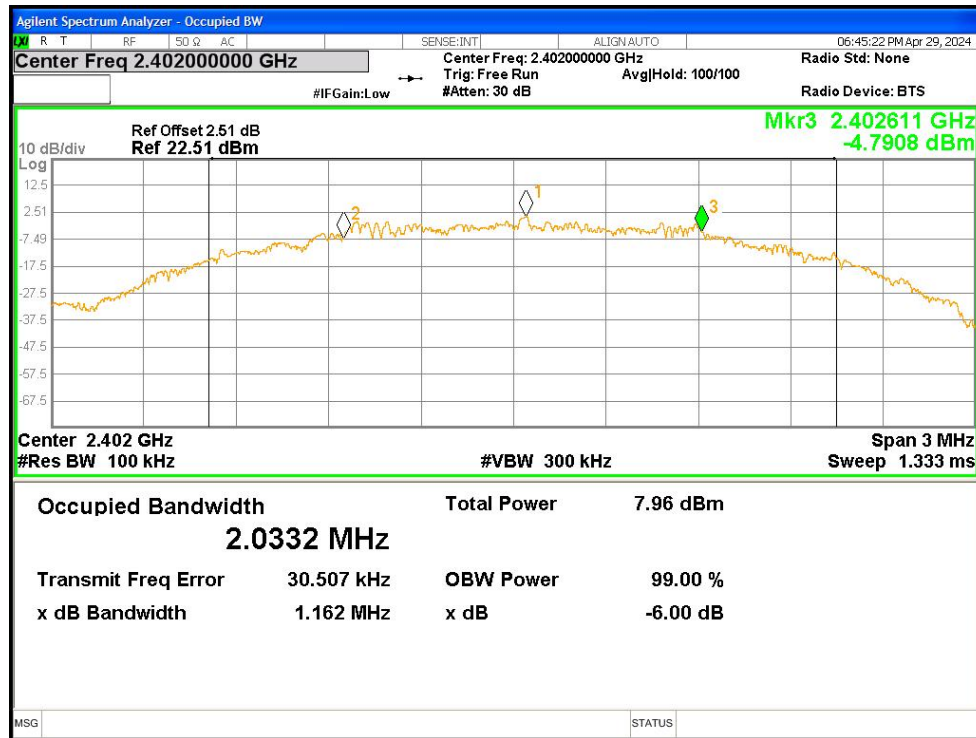
-6dB Bandwidth NVNT BLE 1M 2442MHz Ant1



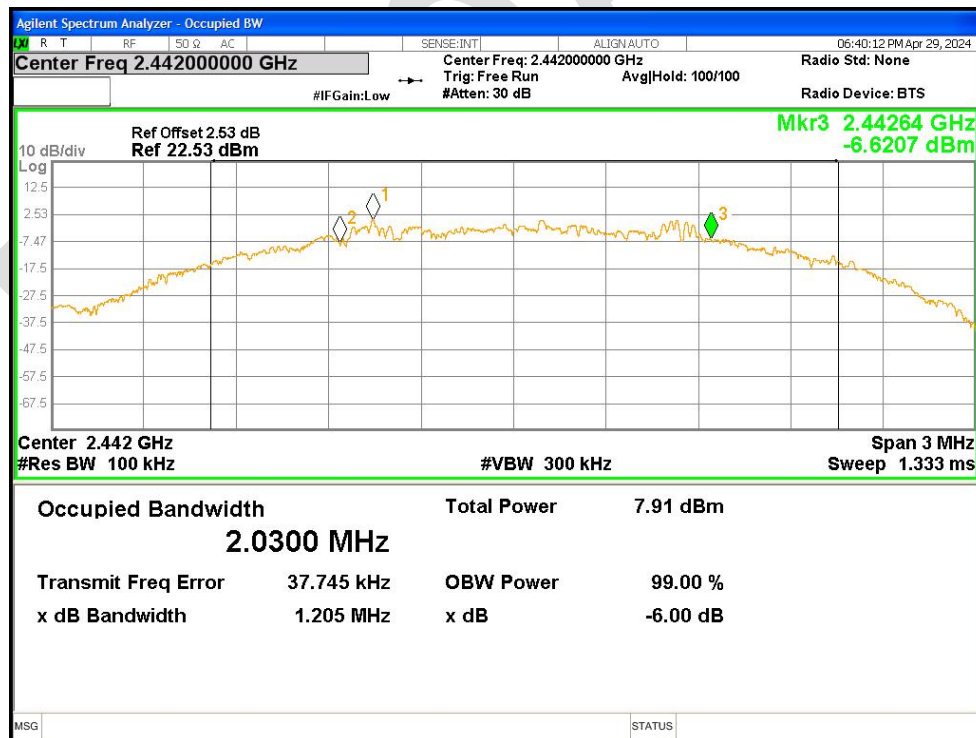
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



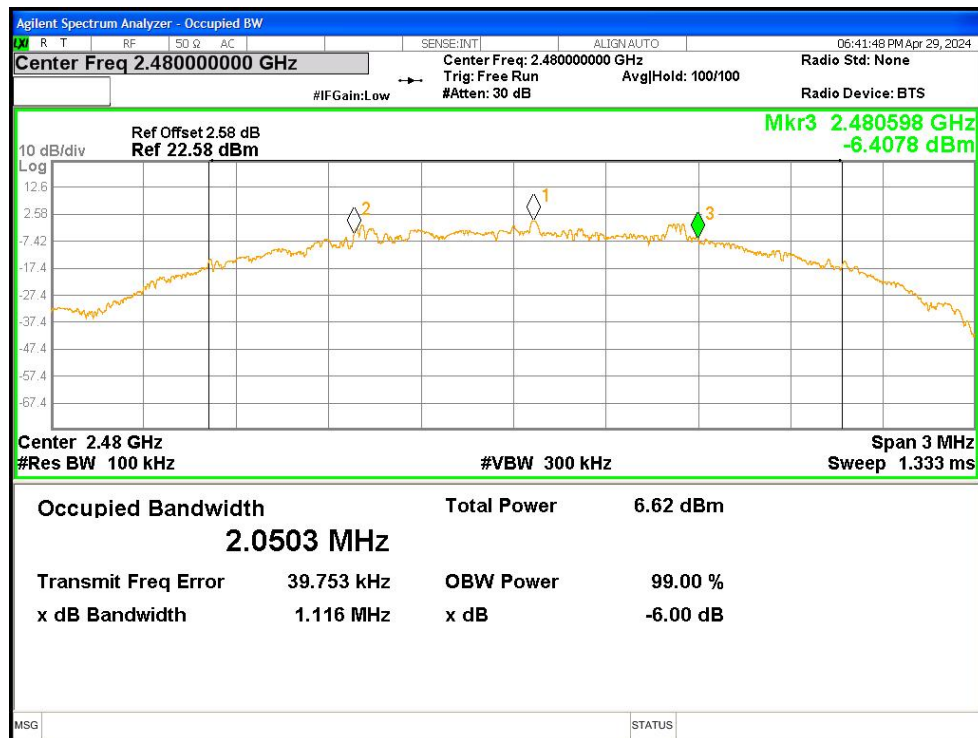
-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2442MHz Ant1



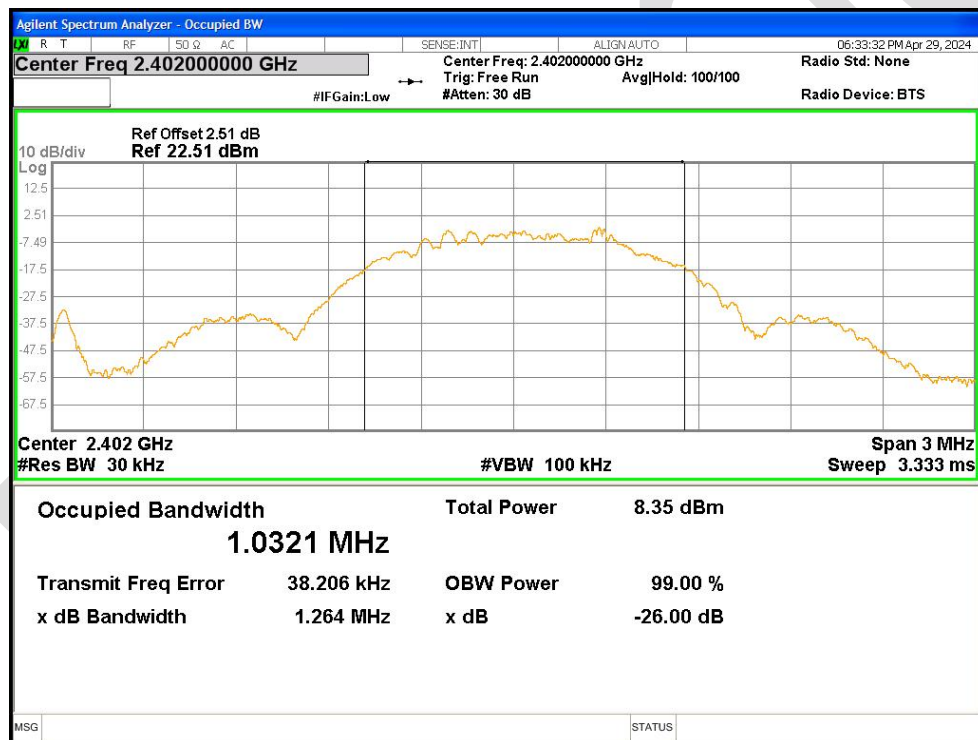
-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



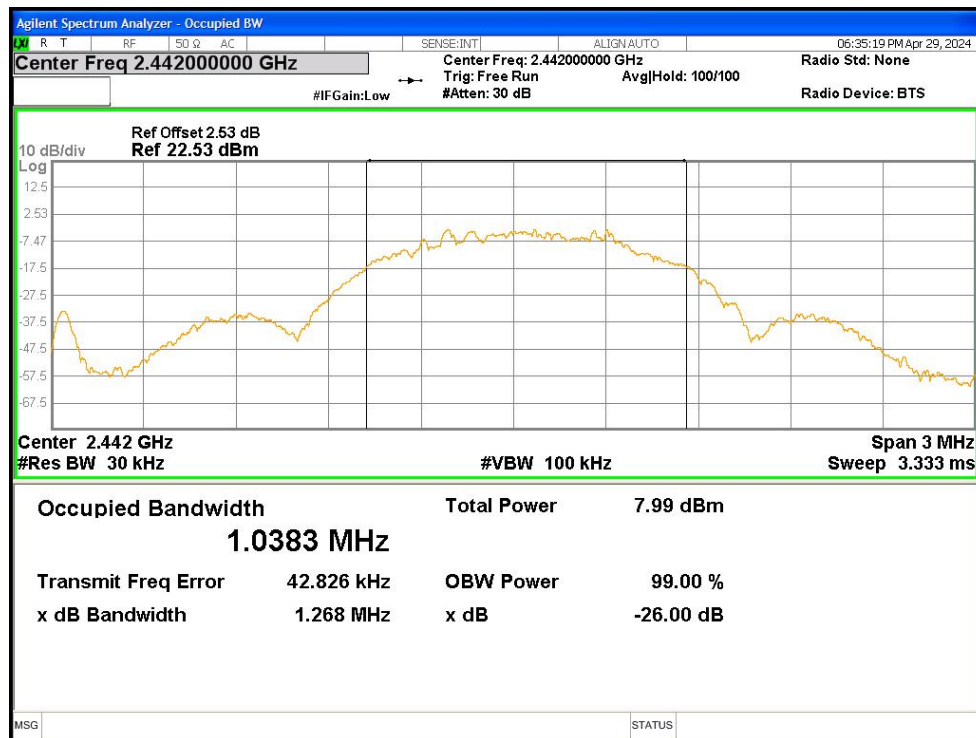
### 7.3 Occupied Channel Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.0321        |
| NVNT      | BLE 1M | 2442            | Ant1    | 1.0383        |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.0359        |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.0547        |
| NVNT      | BLE 2M | 2442            | Ant1    | 2.0414        |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.0589        |

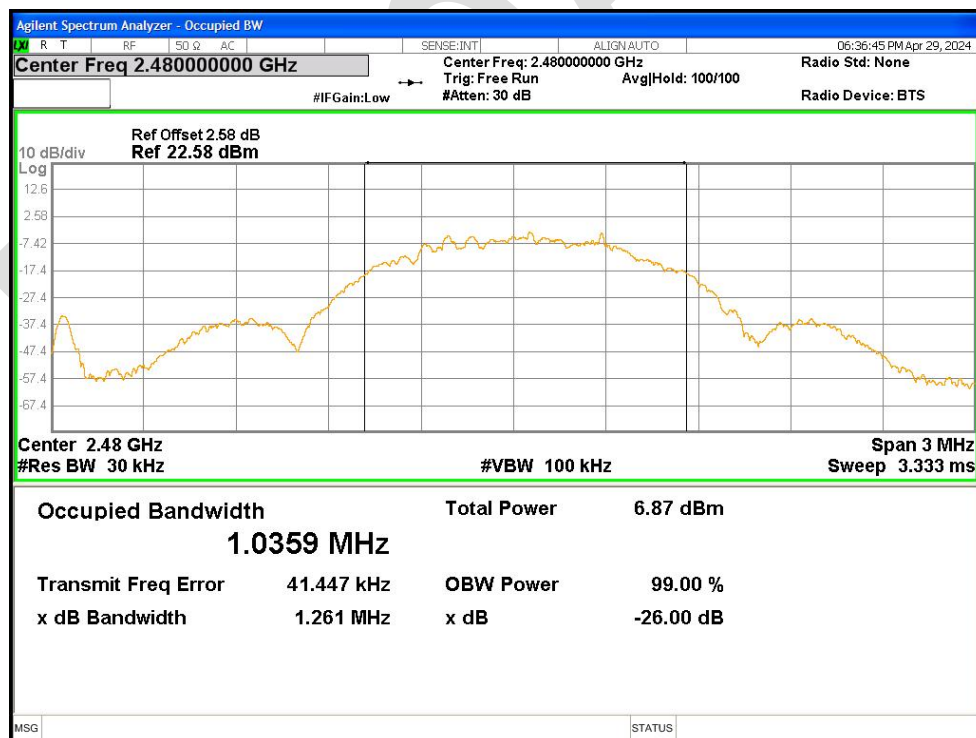
OBW NVNT BLE 1M 2402MHz Ant1



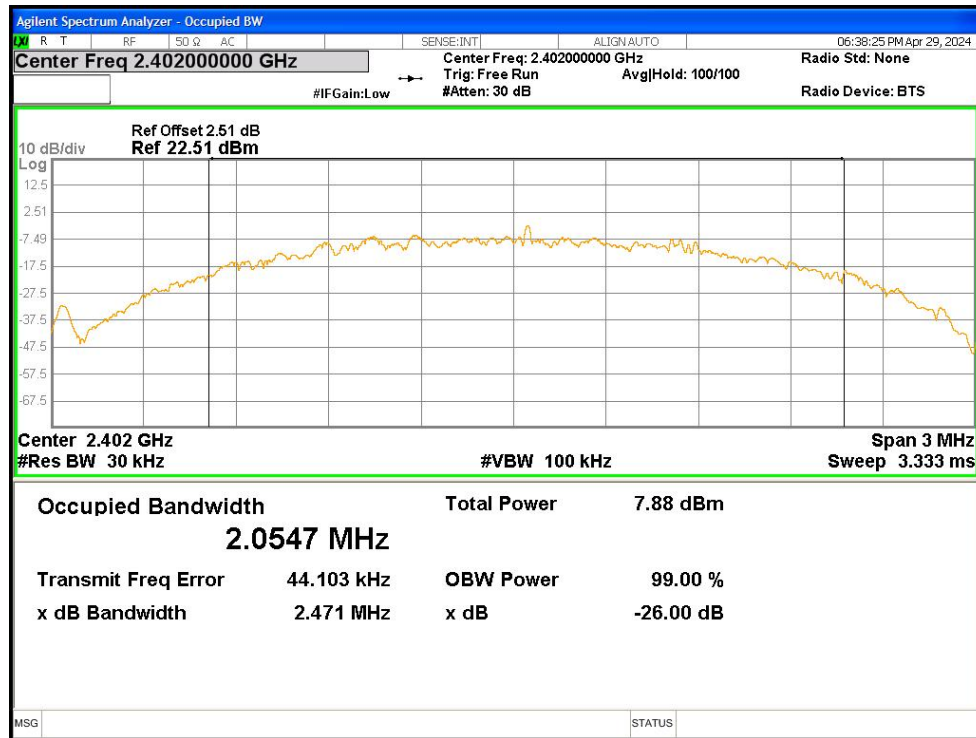
OBW NVNT BLE 1M 2442MHz Ant1



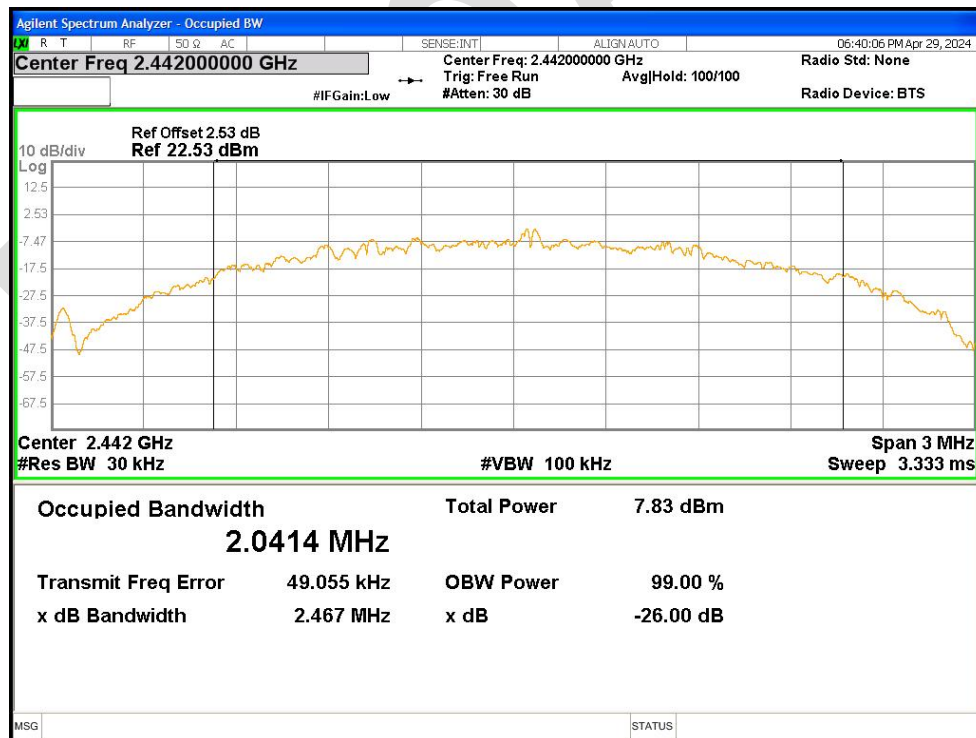
OBW NVNT BLE 1M 2480MHz Ant1



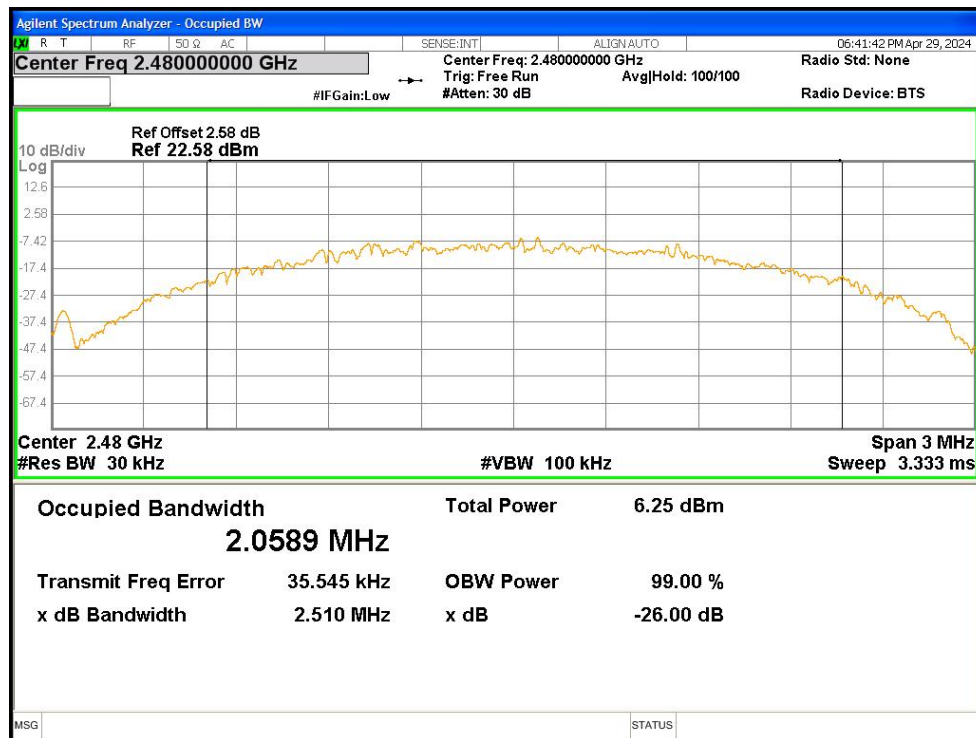
OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2442MHz Ant1



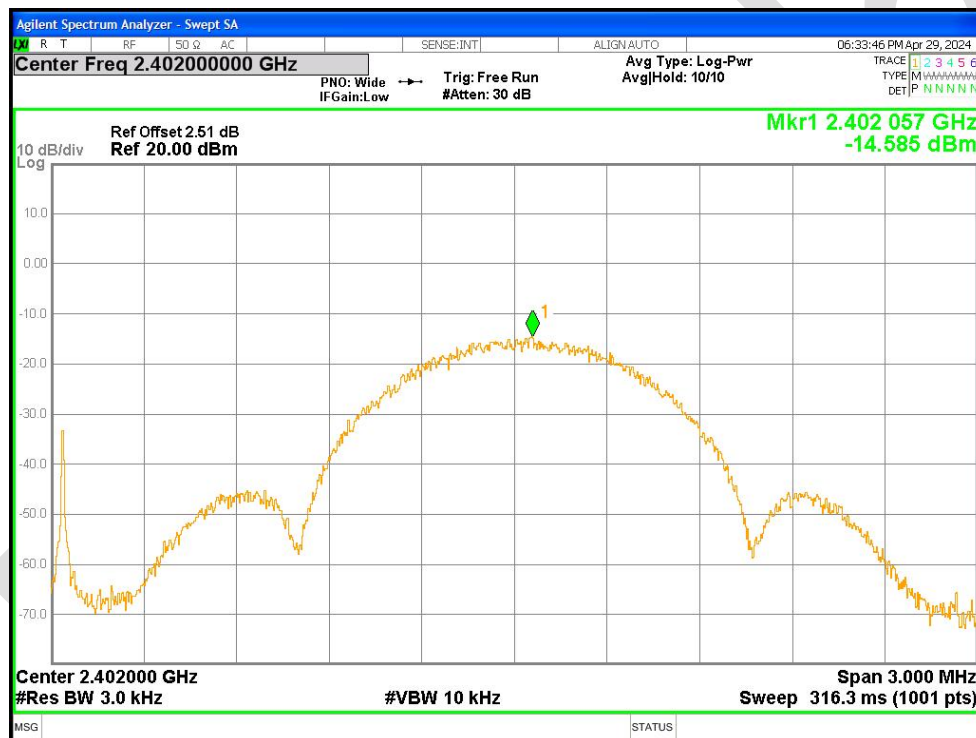
OBW NVNT BLE 2M 2480MHz Ant1



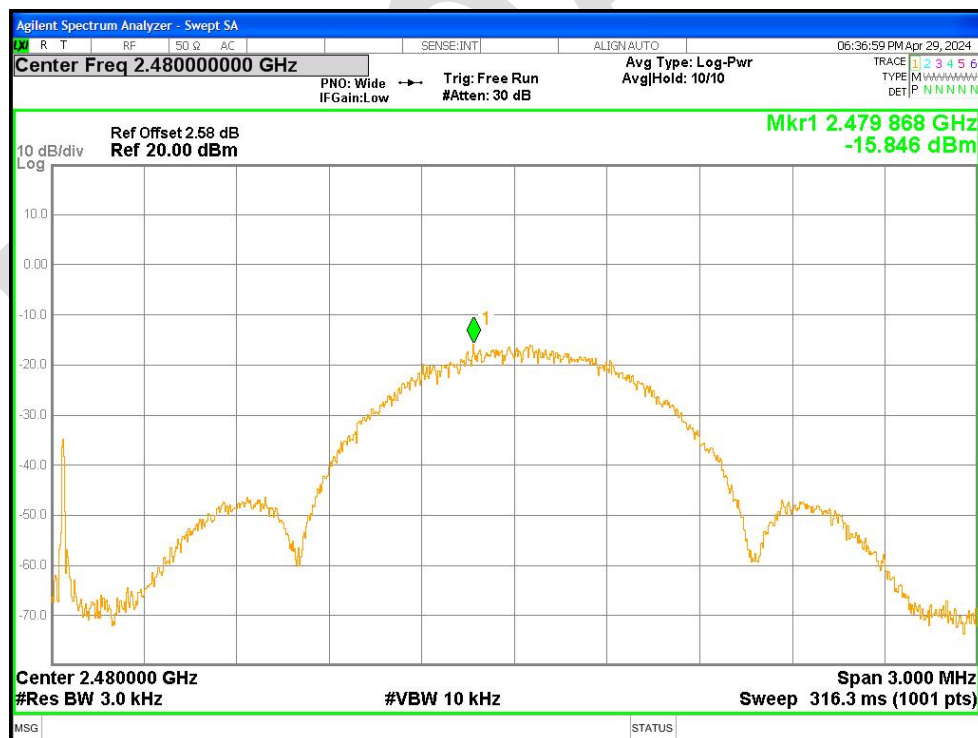
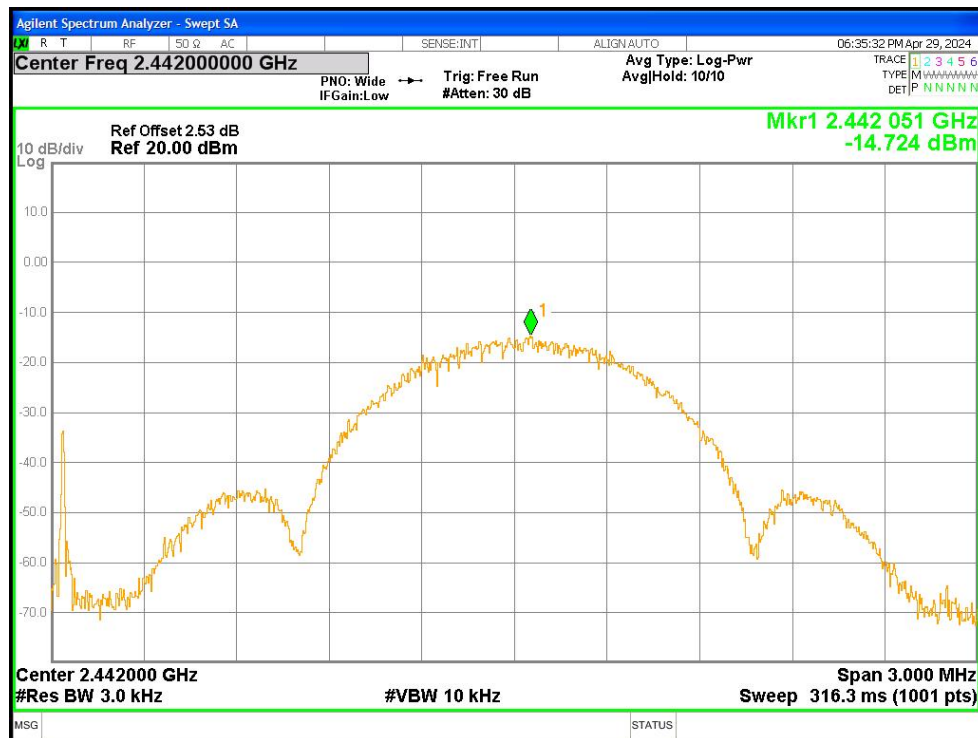
## 7.4 Maximum Power Spectral Density Level

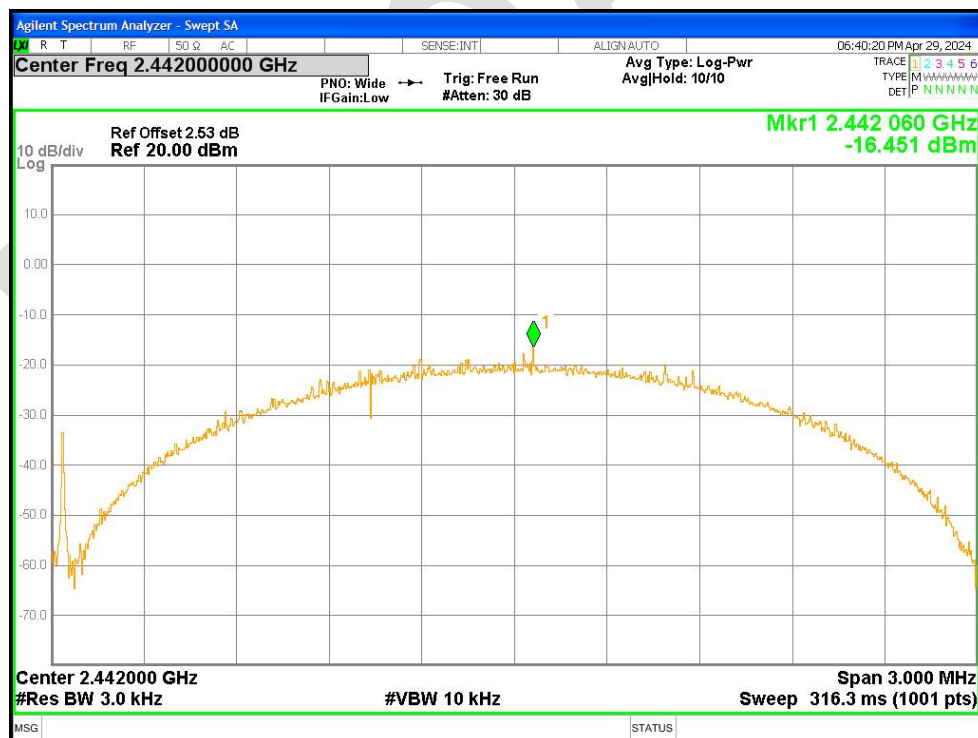
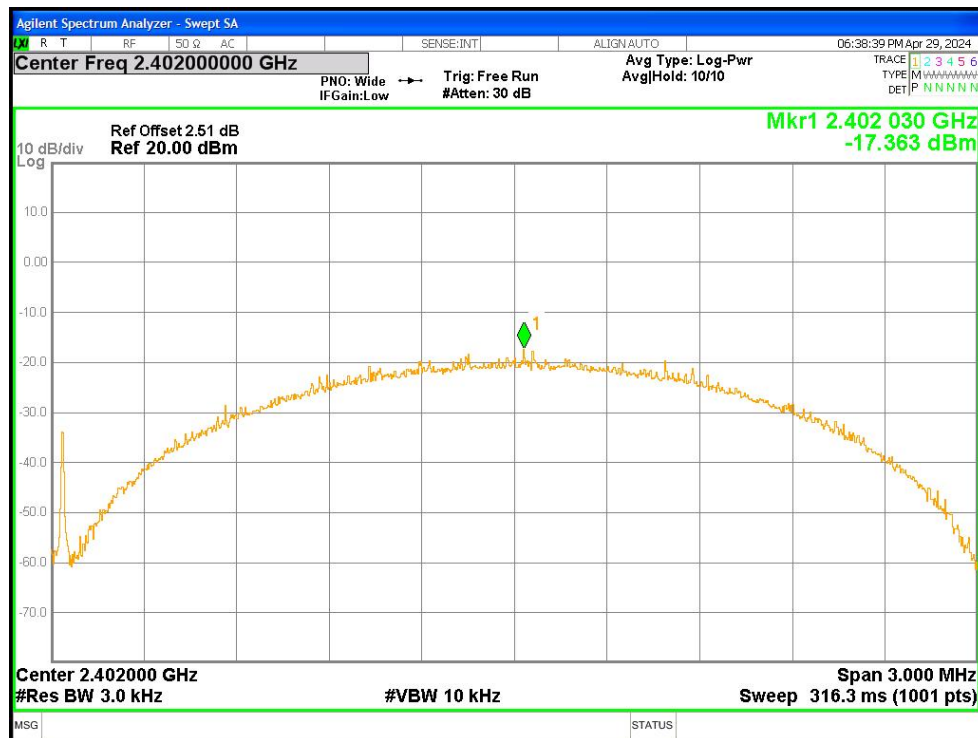
| Condition | Mode   | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -14.585       | 8           | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | -14.724       | 8           | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -15.846       | 8           | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -17.363       | 8           | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | -16.451       | 8           | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -18.394       | 8           | Pass    |

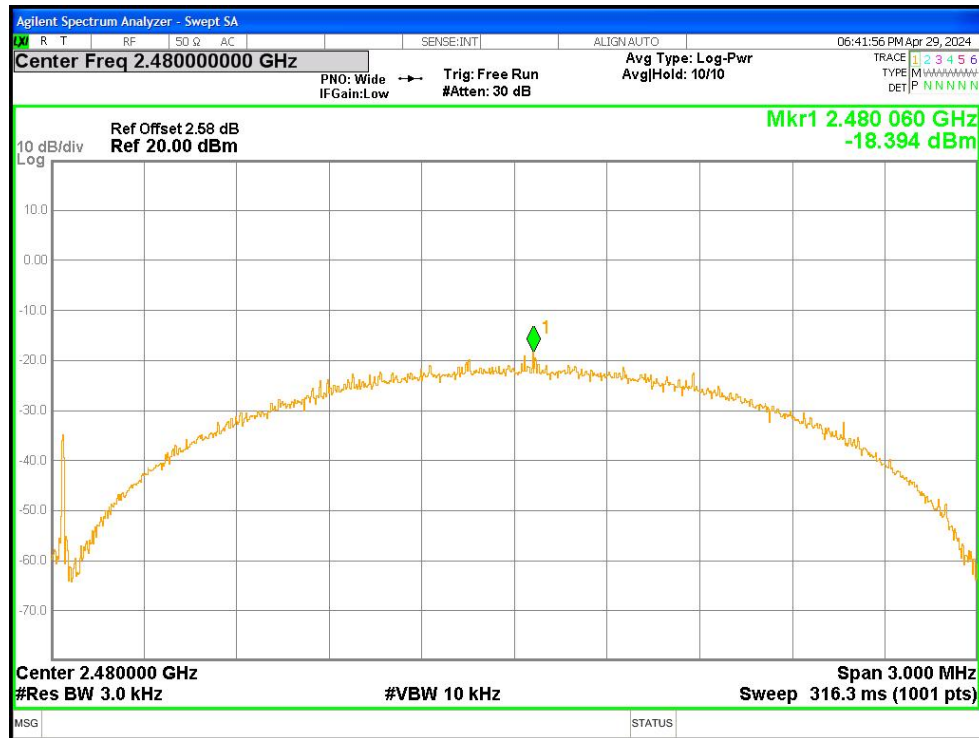
PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2442MHz Ant1







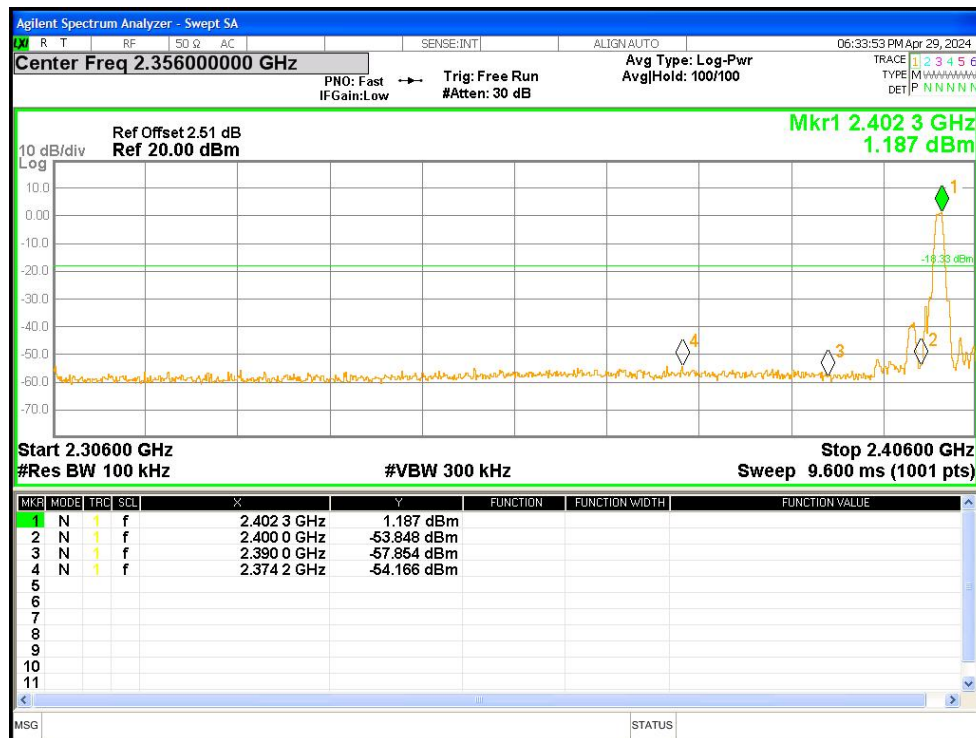
## 7.5 Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -55.83          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -48.53          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -55.07          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -51.53          | -20         | Pass    |

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



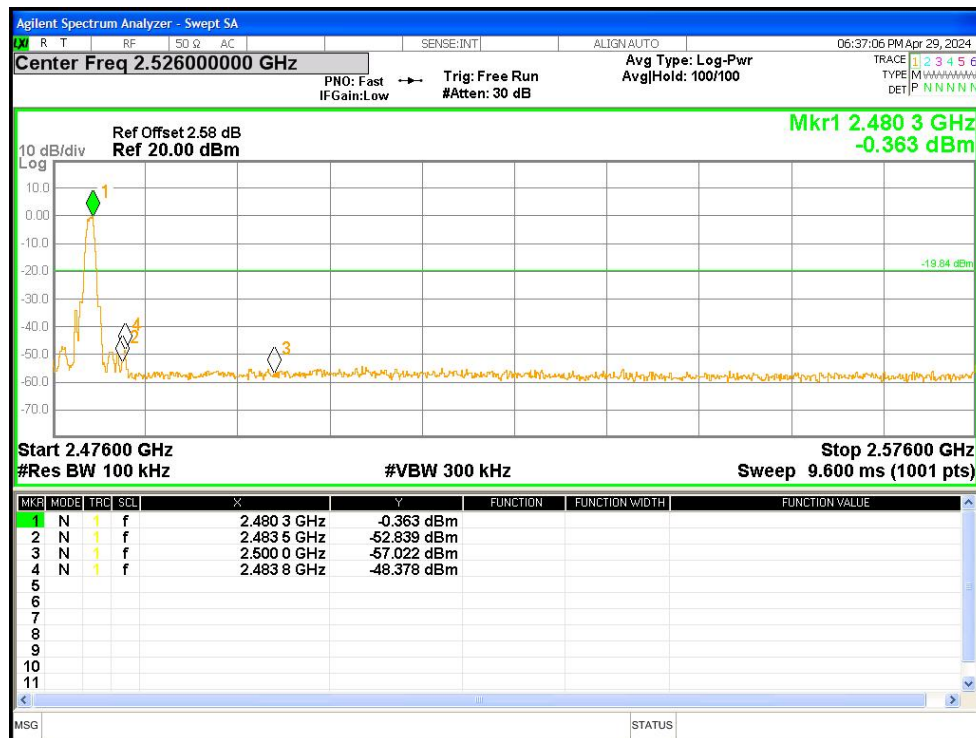
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



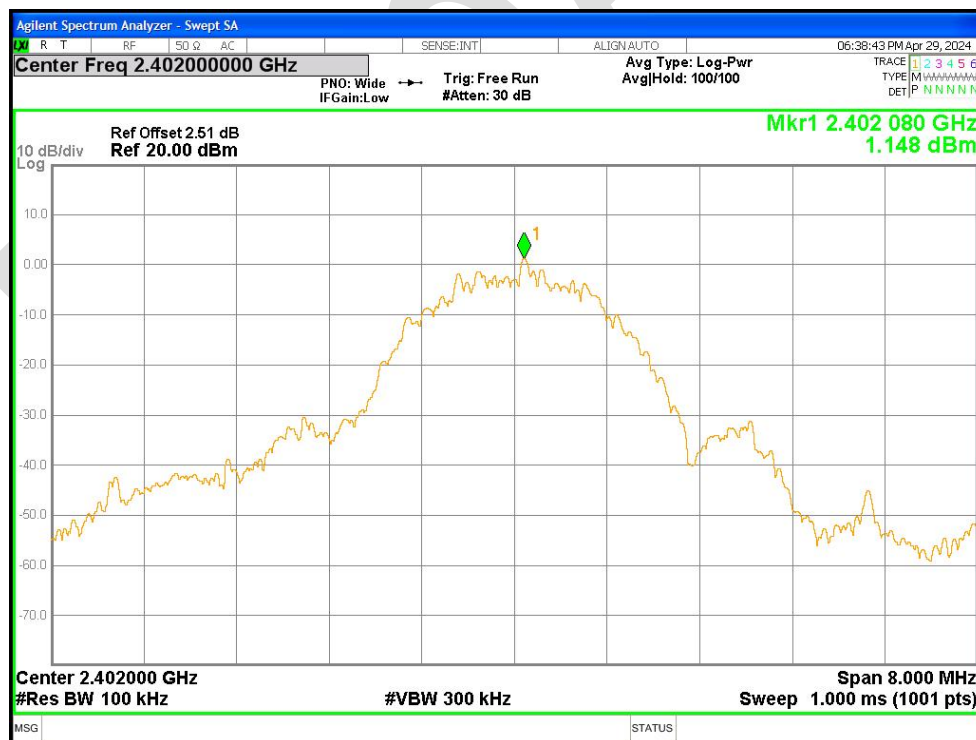
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



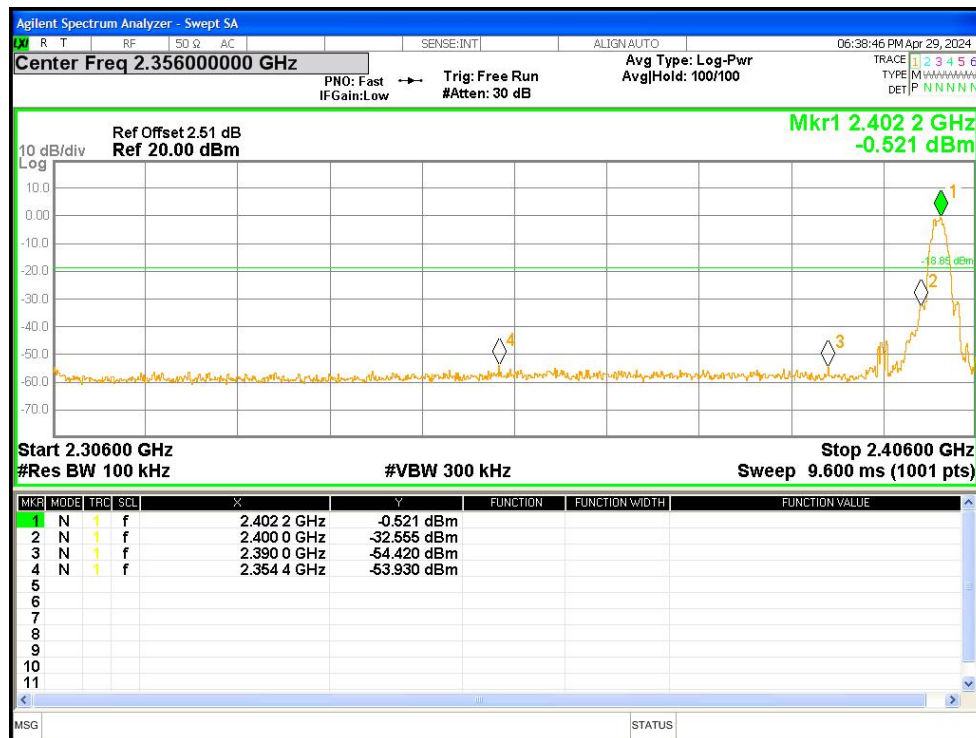
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission