



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Creative Outlier Go

Test Model: EF1210

Environmental Conditions

| | |
|--------------------|-----------|
| Temperature: | 23.8°C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0kPa |
| Test Engineer: | Joker Hu |
| Supervised by: | Nick Peng |





A.1 -20dB Bandwidth

Left Ear:

| Condition | Mode | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 0.934 | N/A | Pass |
| NVNT | 1-DH5 | 2441 | Ant | 1.017 | N/A | Pass |
| NVNT | 1-DH5 | 2480 | Ant | 1.035 | N/A | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 1.223 | N/A | Pass |
| NVNT | 2-DH5 | 2441 | Ant | 1.184 | N/A | Pass |
| NVNT | 2-DH5 | 2480 | Ant | 1.187 | N/A | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 1.24 | N/A | Pass |
| NVNT | 3-DH5 | 2441 | Ant | 1.285 | N/A | Pass |
| NVNT | 3-DH5 | 2480 | Ant | 1.278 | N/A | Pass |



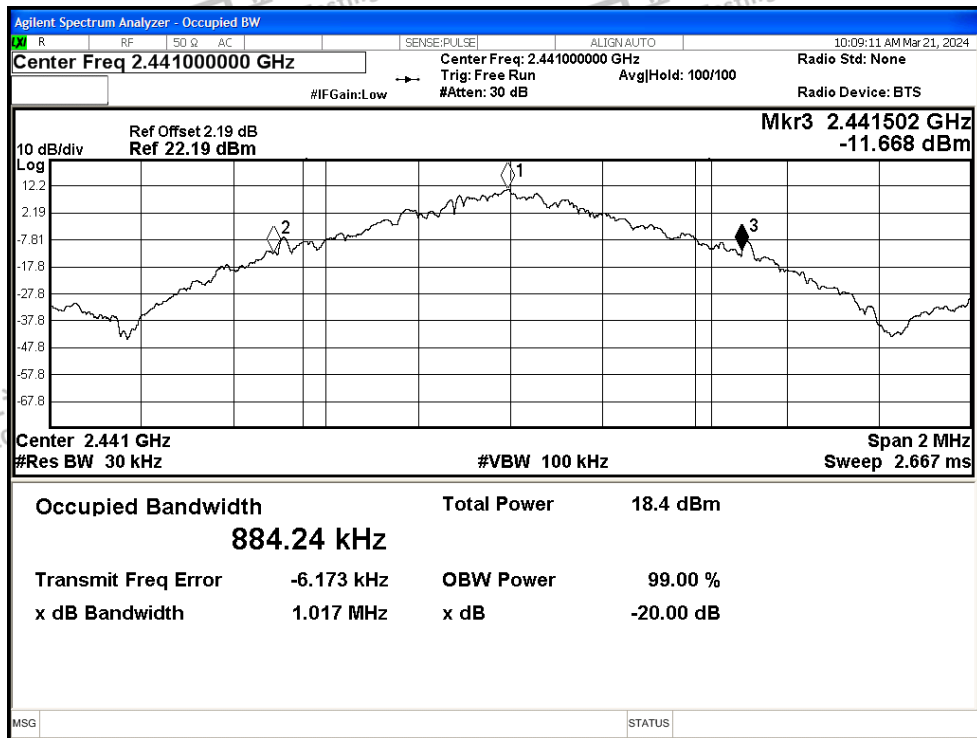


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant

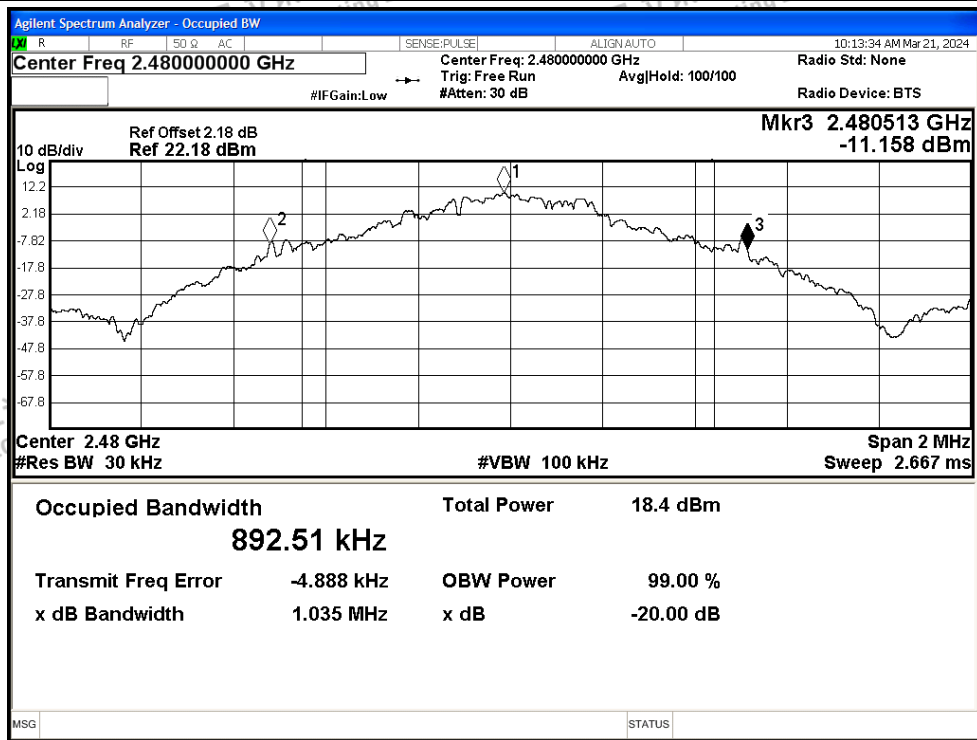


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant

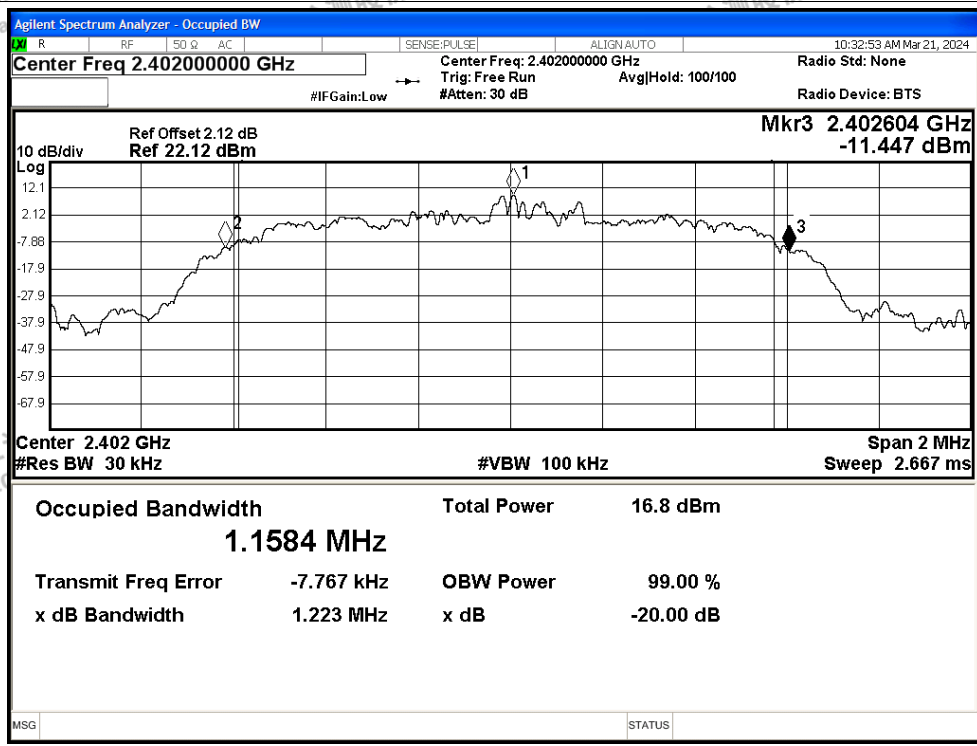




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant

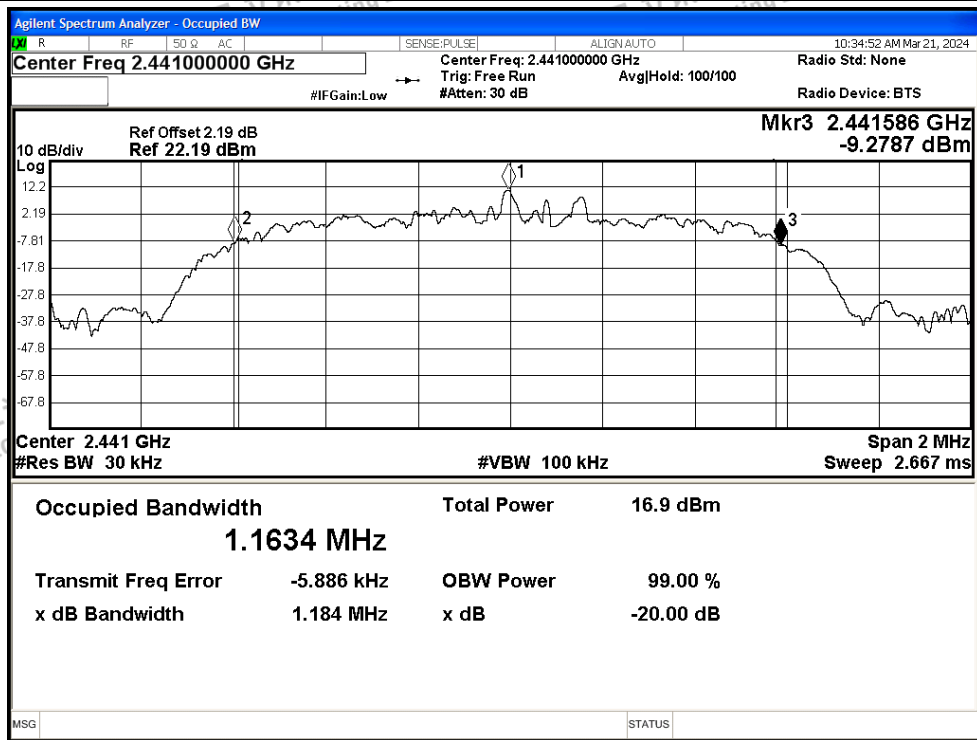


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant

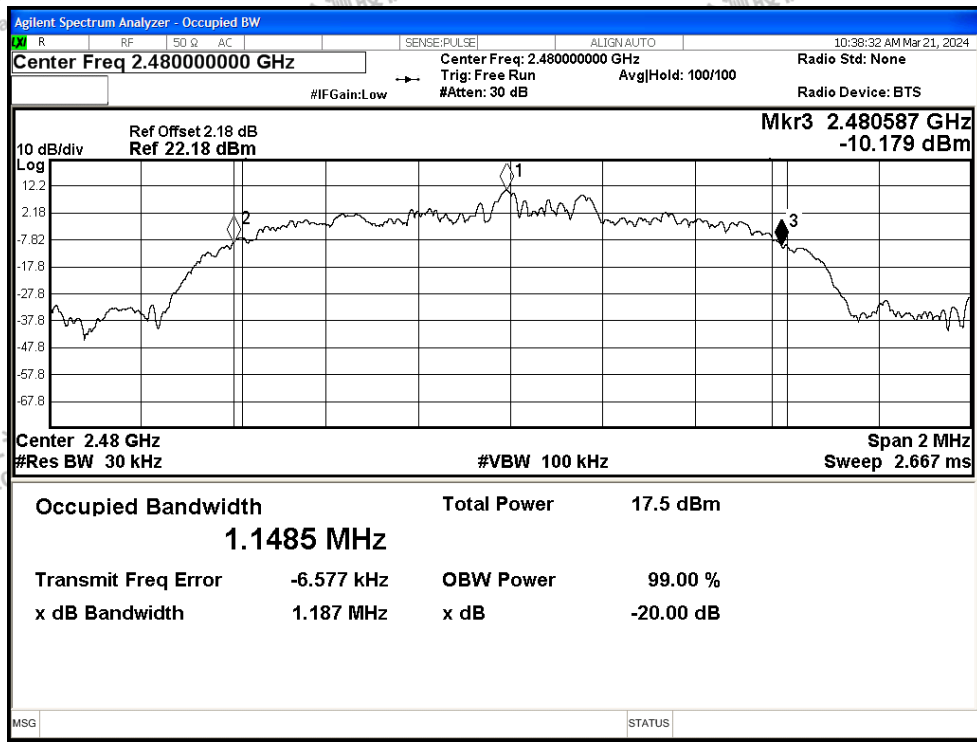




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant

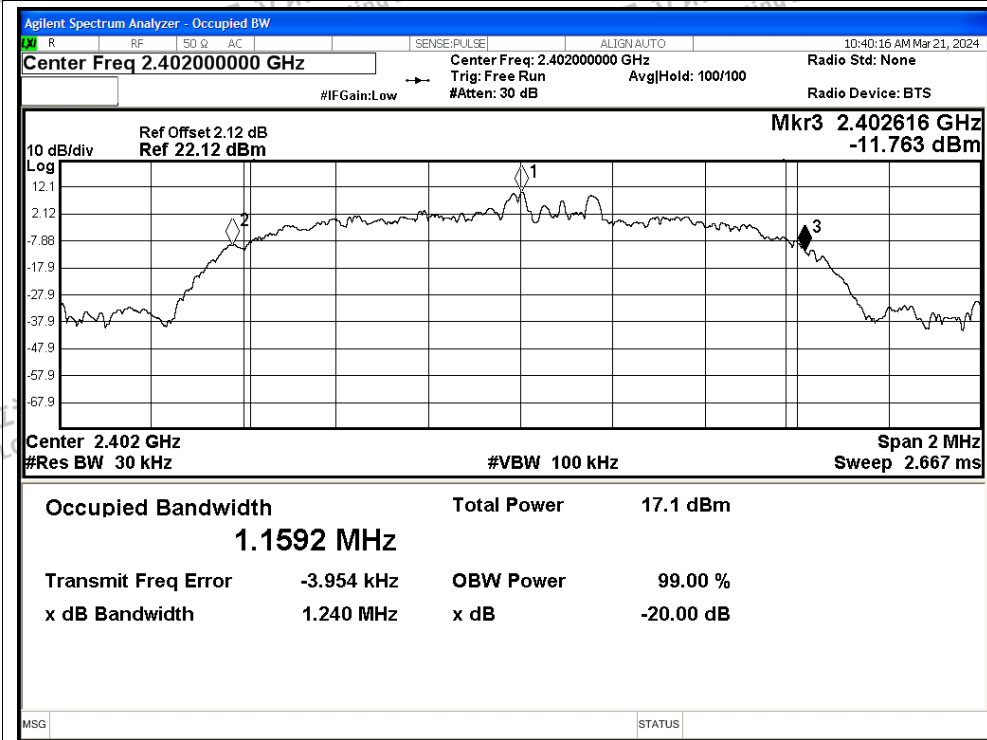


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant

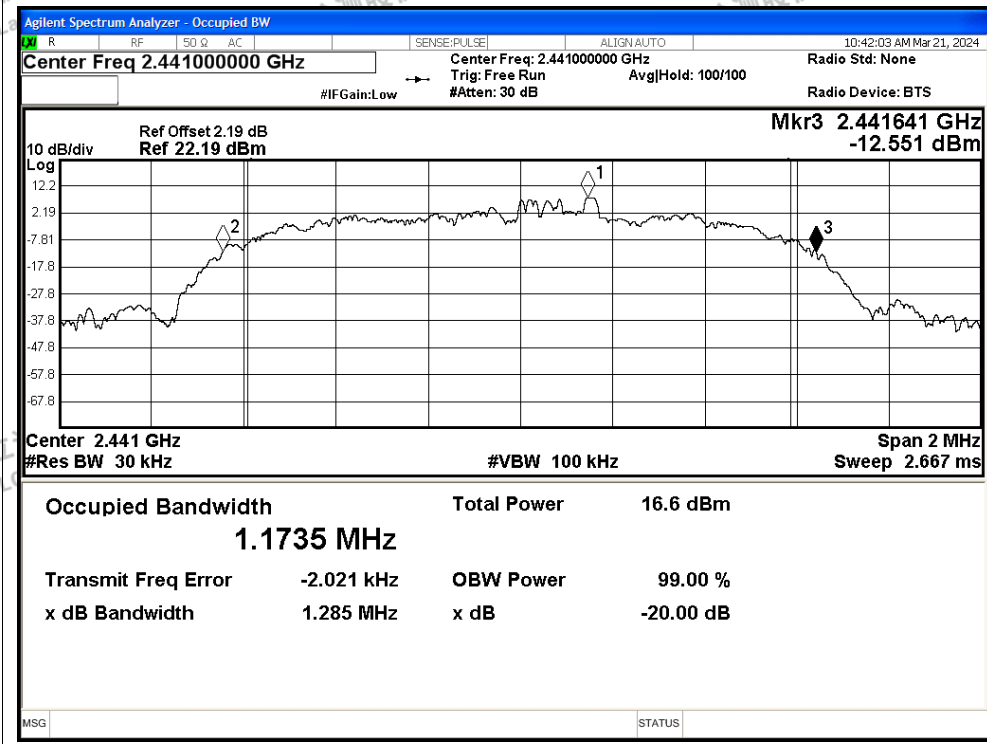




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant

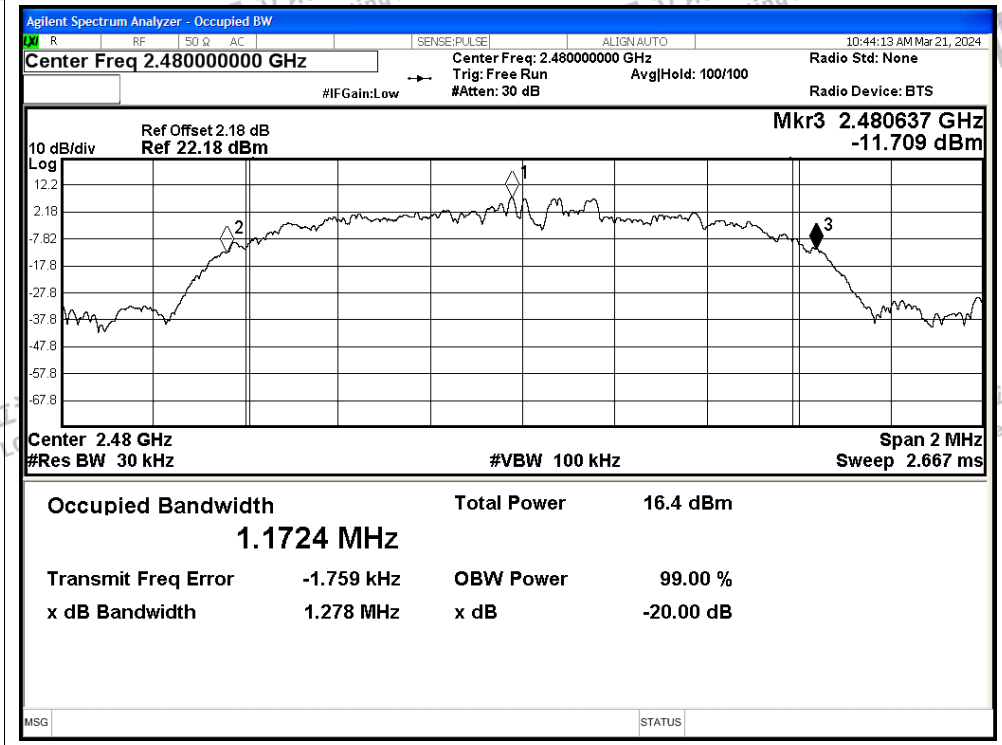


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant





Right Ear:

| Condition | Mode | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 0.973 | N/A | Pass |
| NVNT | 1-DH5 | 2441 | Ant | 0.917 | N/A | Pass |
| NVNT | 1-DH5 | 2480 | Ant | 0.944 | N/A | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 1.186 | N/A | Pass |
| NVNT | 2-DH5 | 2441 | Ant | 1.201 | N/A | Pass |
| NVNT | 2-DH5 | 2480 | Ant | 1.197 | N/A | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 1.295 | N/A | Pass |
| NVNT | 3-DH5 | 2441 | Ant | 1.194 | N/A | Pass |
| NVNT | 3-DH5 | 2480 | Ant | 1.228 | N/A | Pass |



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 Scan code to check authenticity

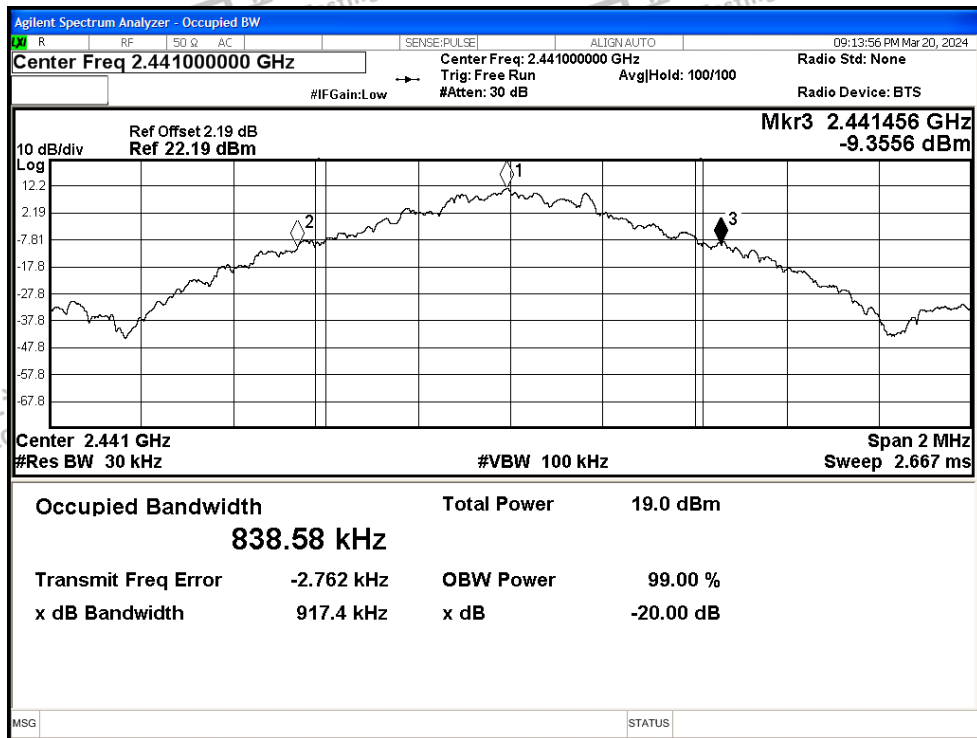


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant

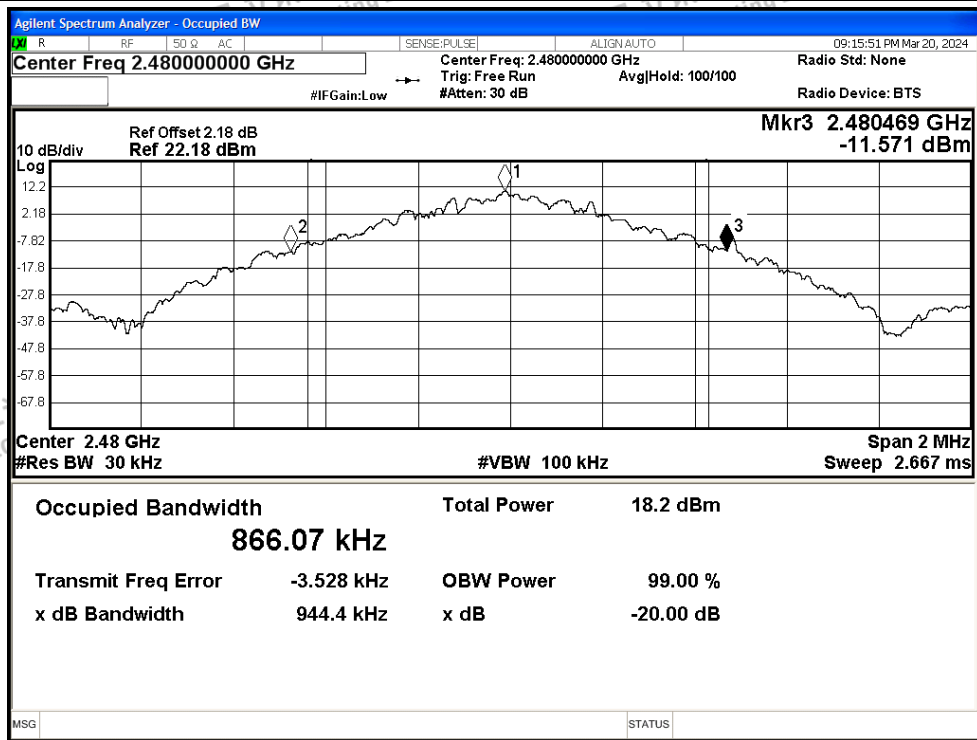


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant

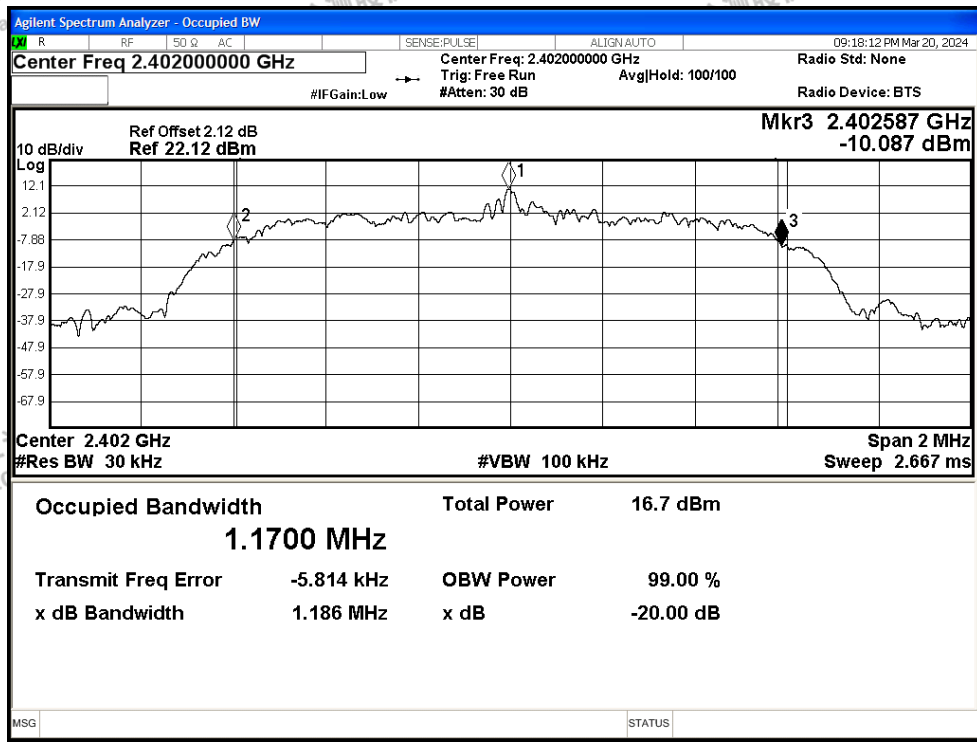




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant

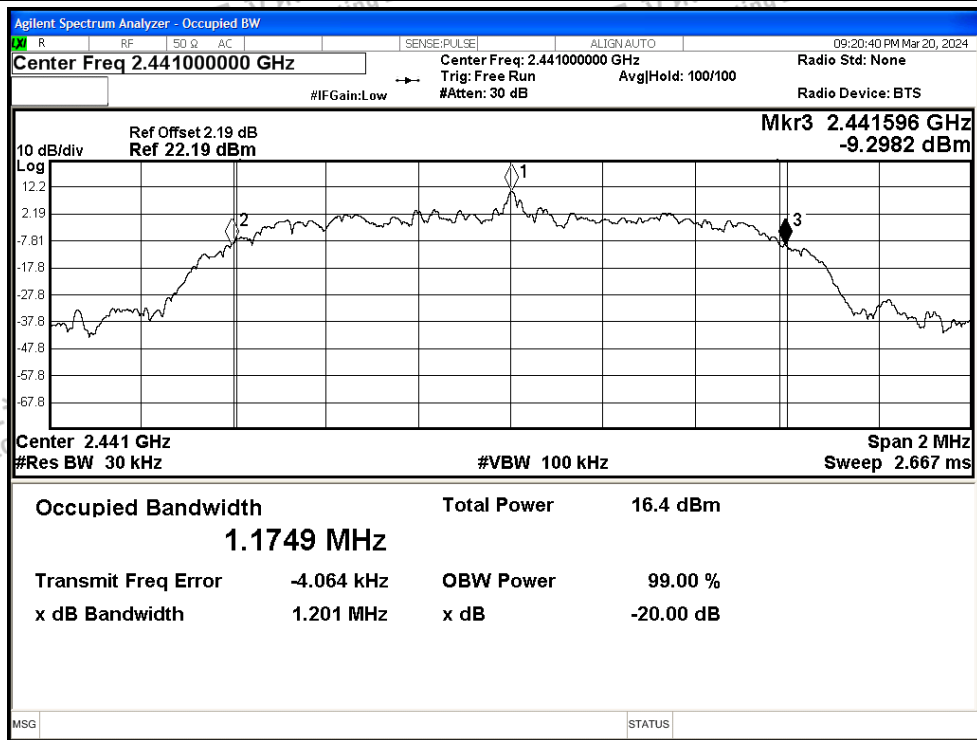


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant

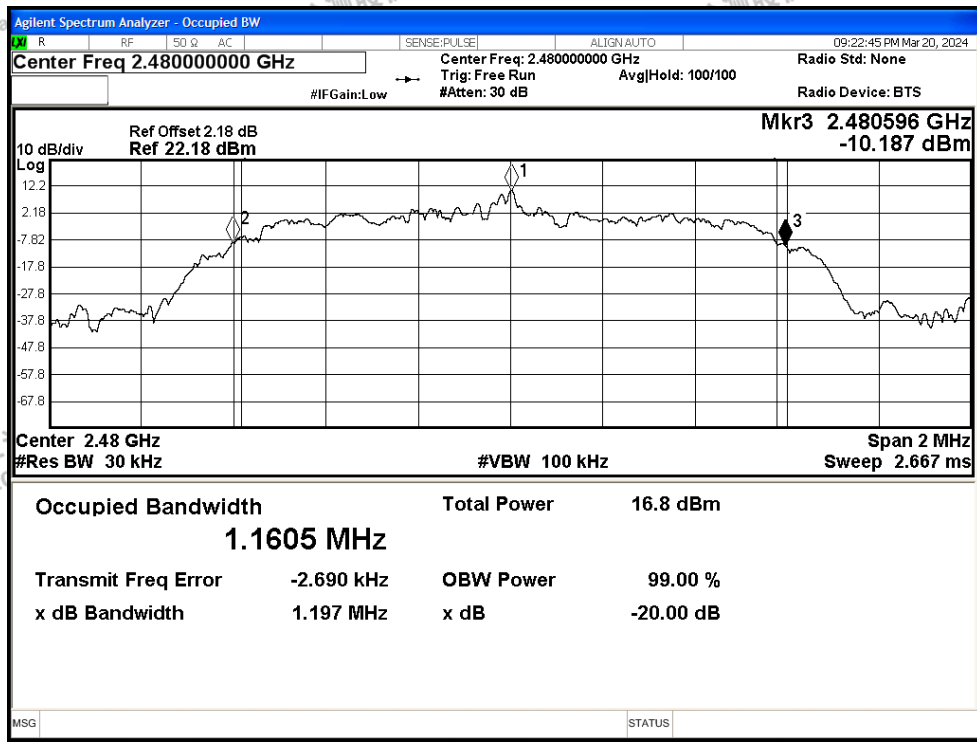




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant

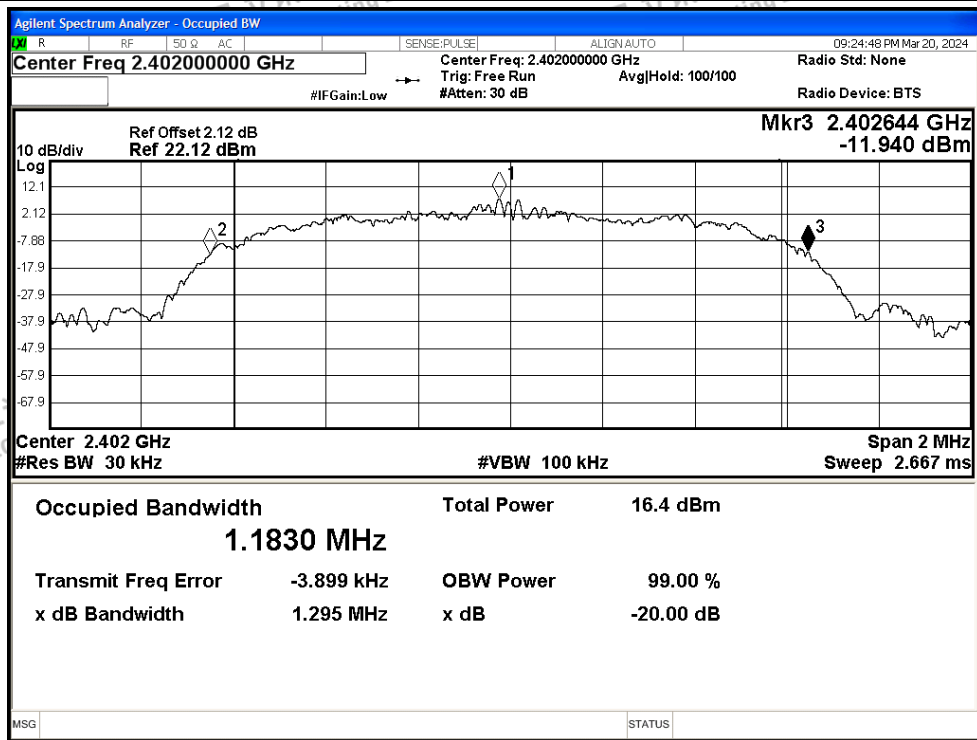


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant

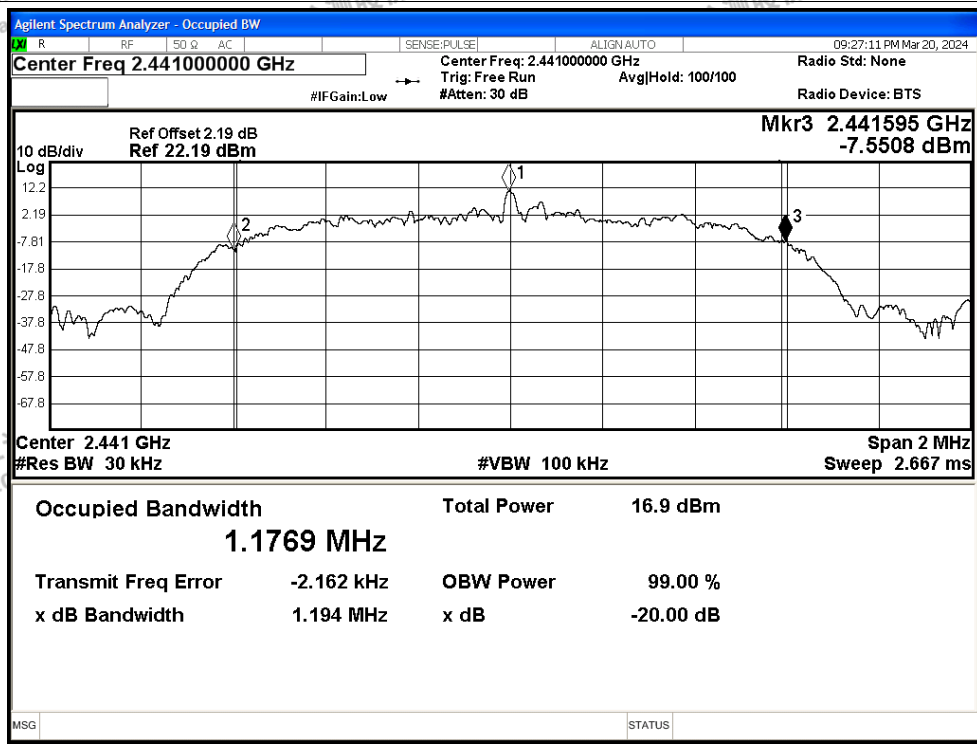




-20dB Bandwidth NVNT 3-DH5 2402MHz Ant

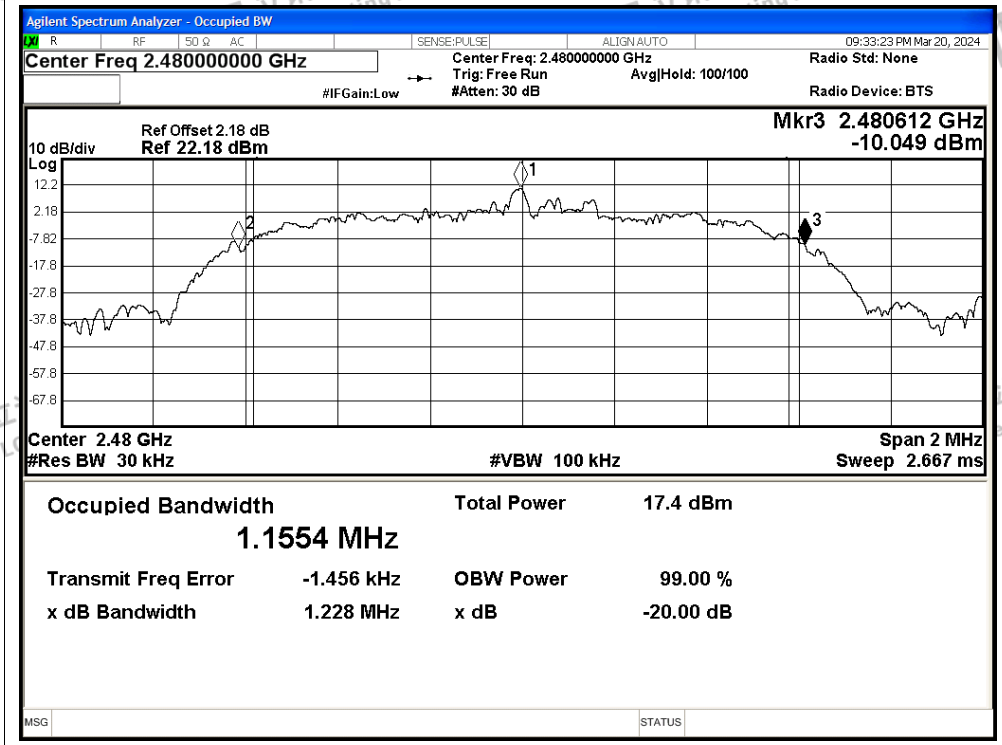


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant





-20dB Bandwidth NVNT 3-DH5 2480MHz Ant





A.2 Maximum Conducted Output Power

Left Ear:

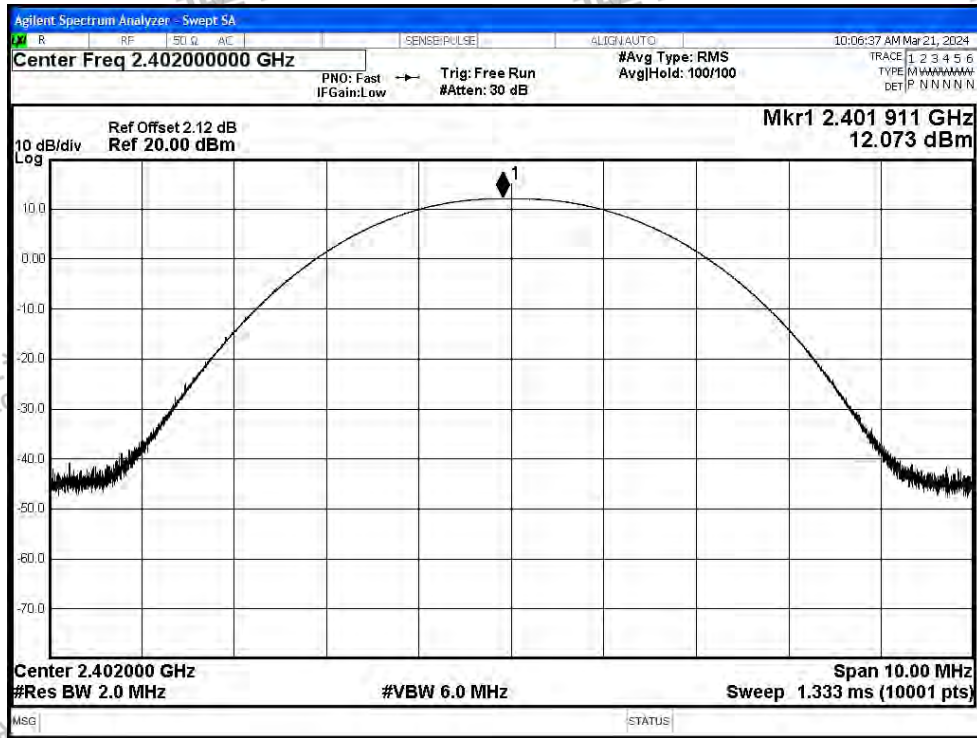
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 12.07 | 21 | Pass |
| NVNT | 1-DH5 | 2441 | Ant | 12.23 | 21 | Pass |
| NVNT | 1-DH5 | 2480 | Ant | 12.11 | 21 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 12.07 | 21 | Pass |
| NVNT | 2-DH5 | 2441 | Ant | 12.2 | 21 | Pass |
| NVNT | 2-DH5 | 2480 | Ant | 12.06 | 21 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 12.09 | 21 | Pass |
| NVNT | 3-DH5 | 2441 | Ant | 12.19 | 21 | Pass |
| NVNT | 3-DH5 | 2480 | Ant | 12.08 | 21 | Pass |



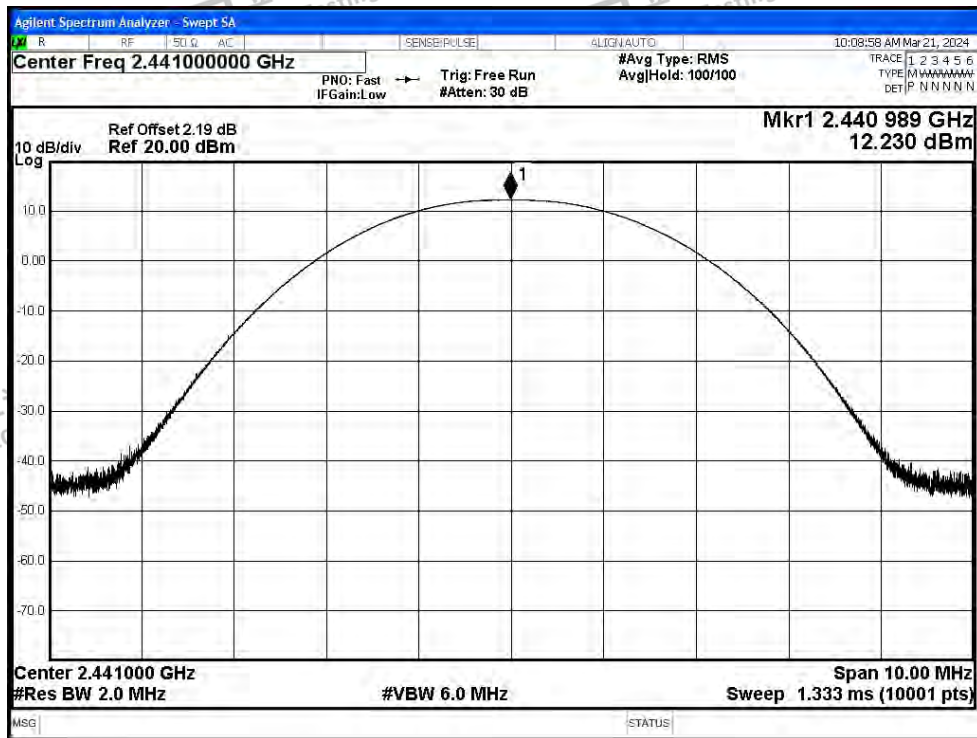


Test Graphs

Power NVNT 1-DH5 2402MHz Ant

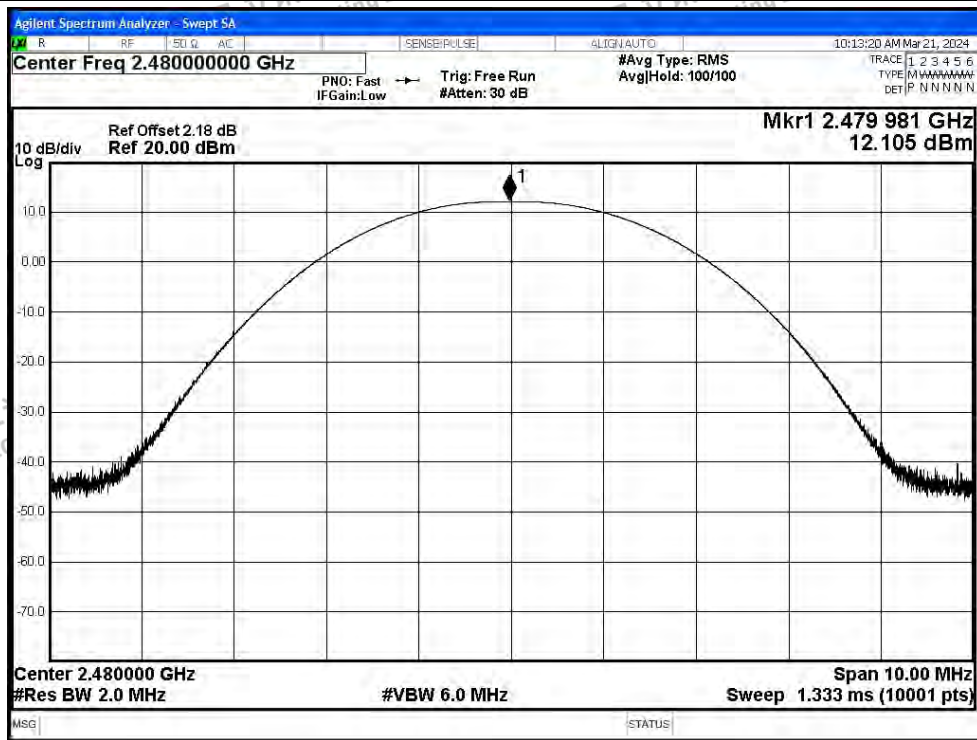


Power NVNT 1-DH5 2441MHz Ant

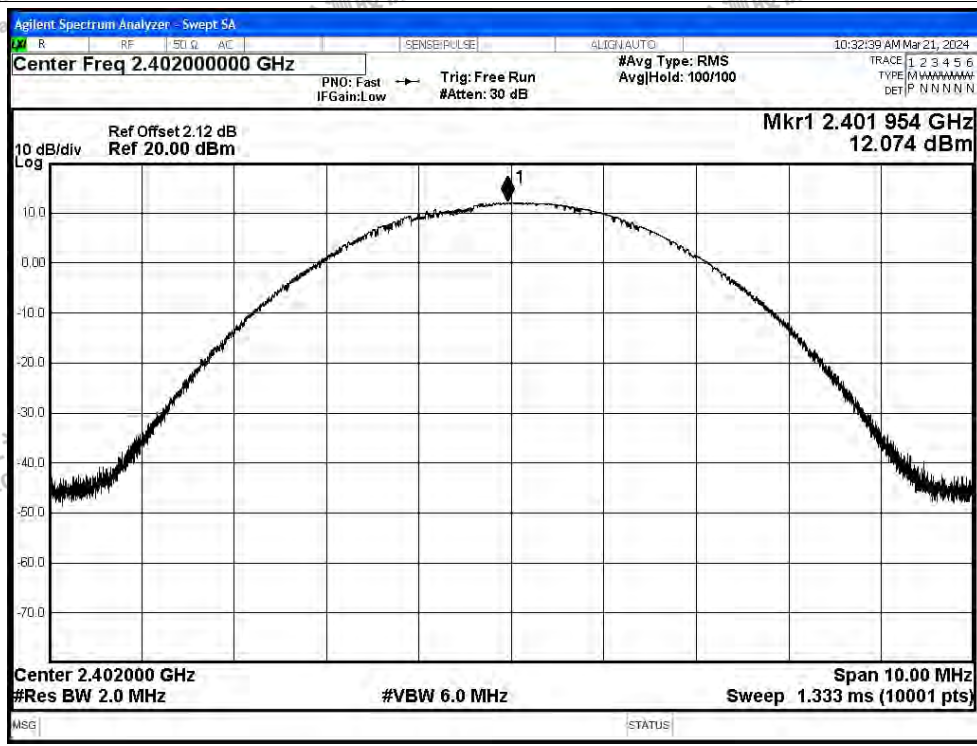




Power NVNT 1-DH5 2480MHz Ant

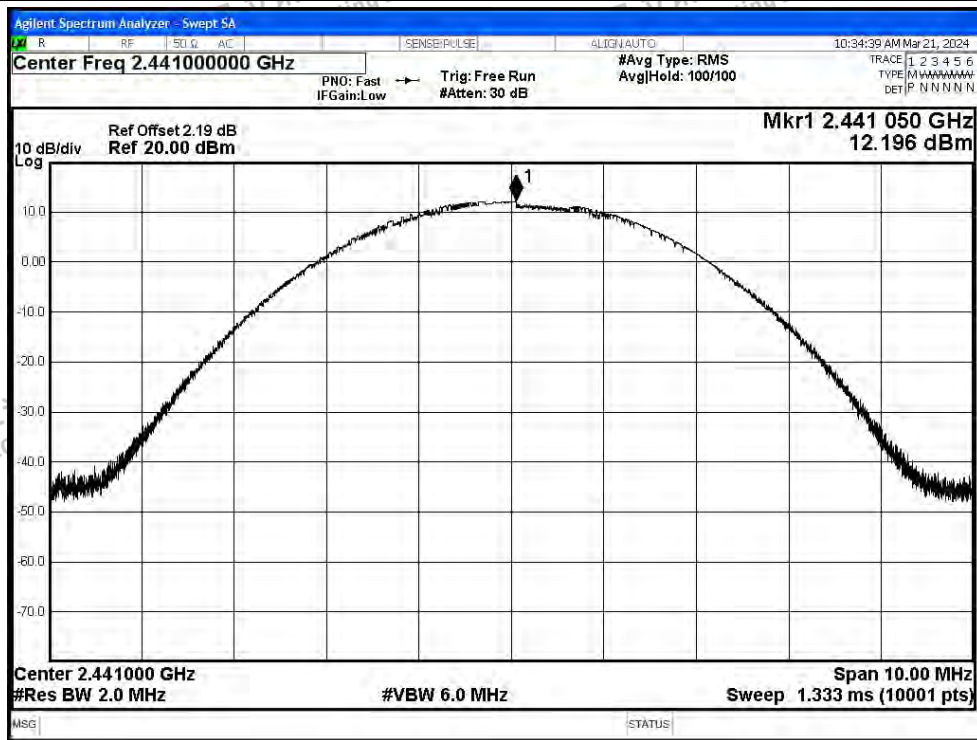


Power NVNT 2-DH5 2402MHz Ant

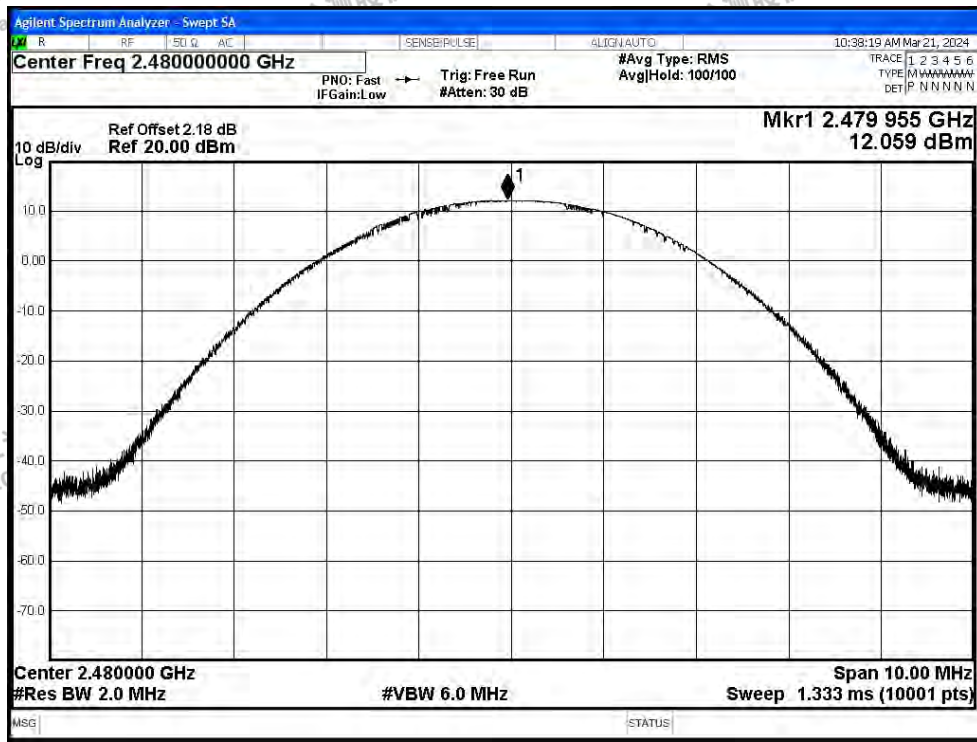




Power NVNT 2-DH5 2441MHz Ant

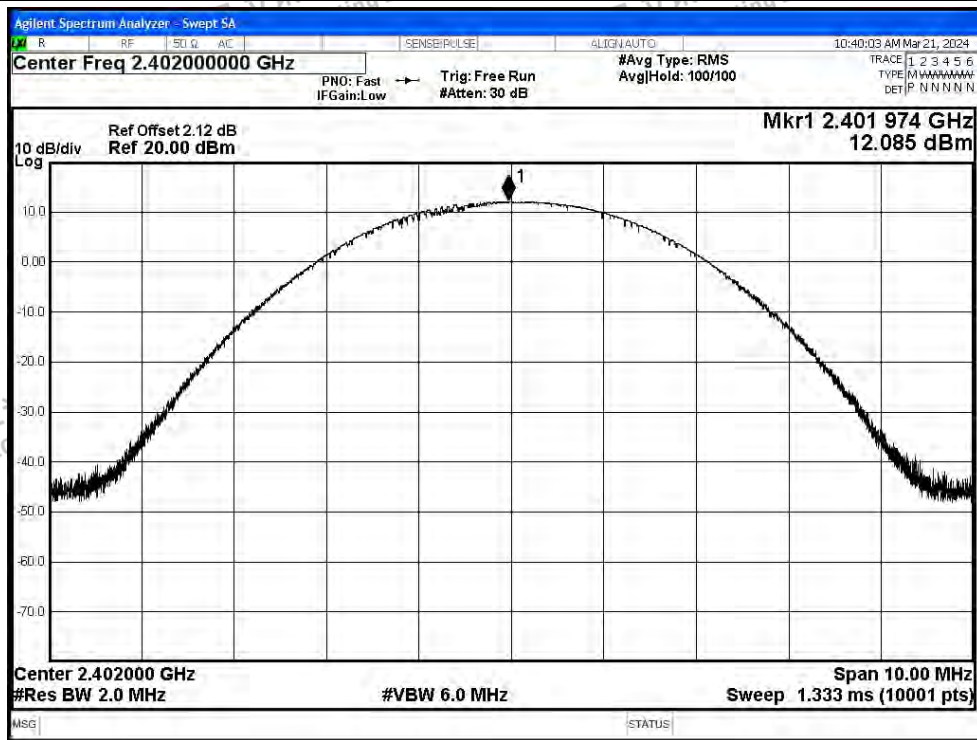


Power NVNT 2-DH5 2480MHz Ant

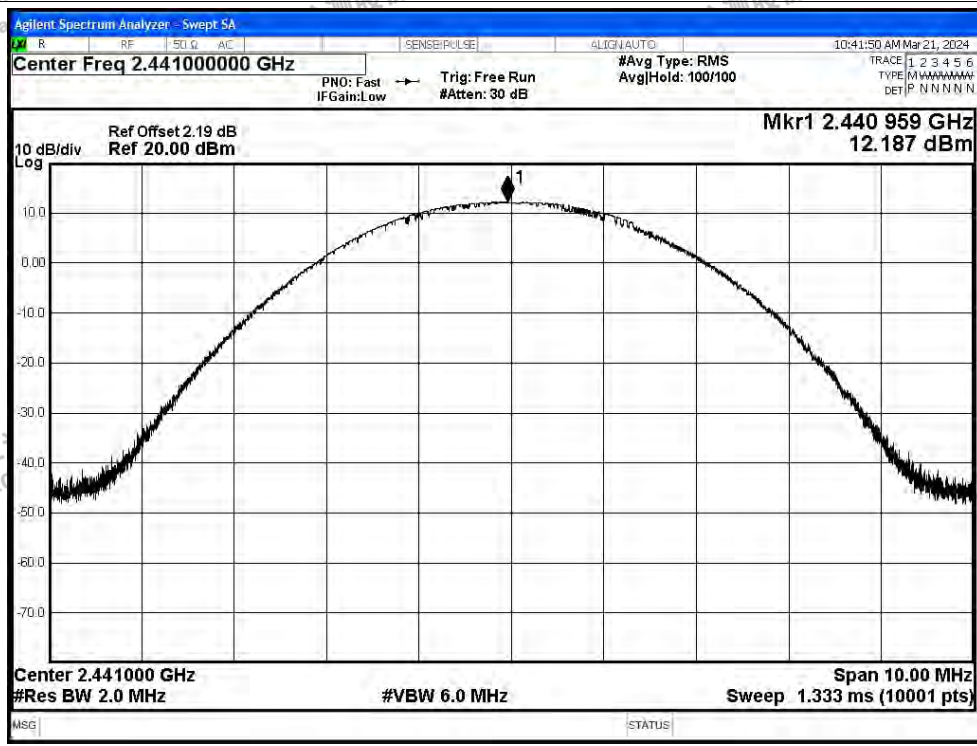




Power NVNT 3-DH5 2402MHz Ant

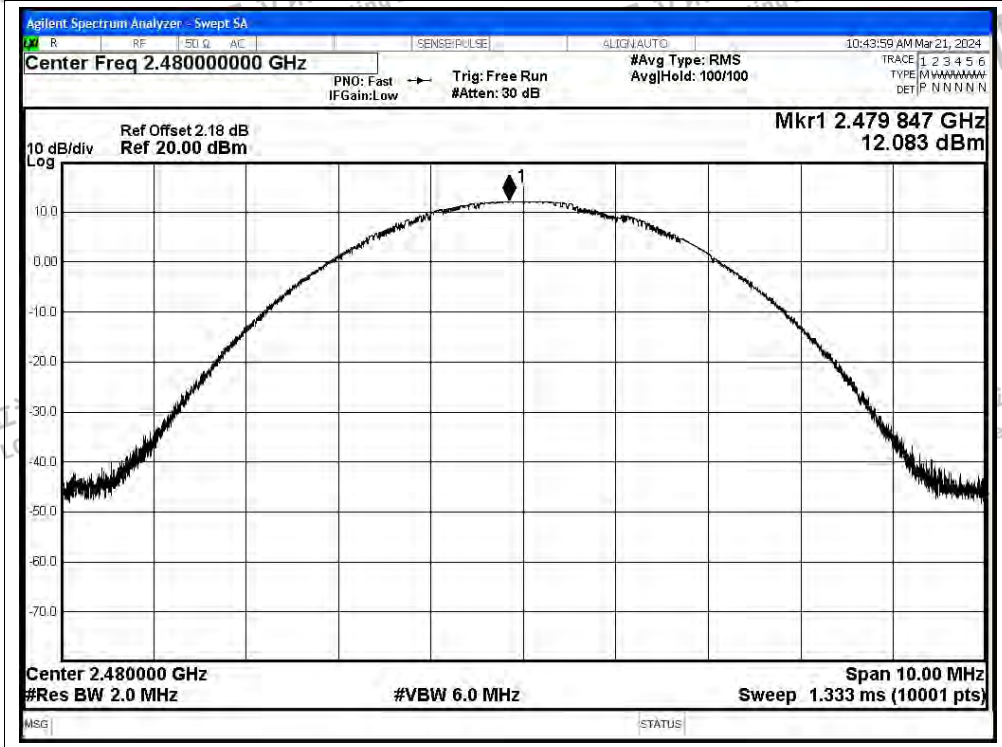


Power NVNT 3-DH5 2441MHz Ant





Power NVNT 3-DH5 2480MHz Ant





Right Ear:

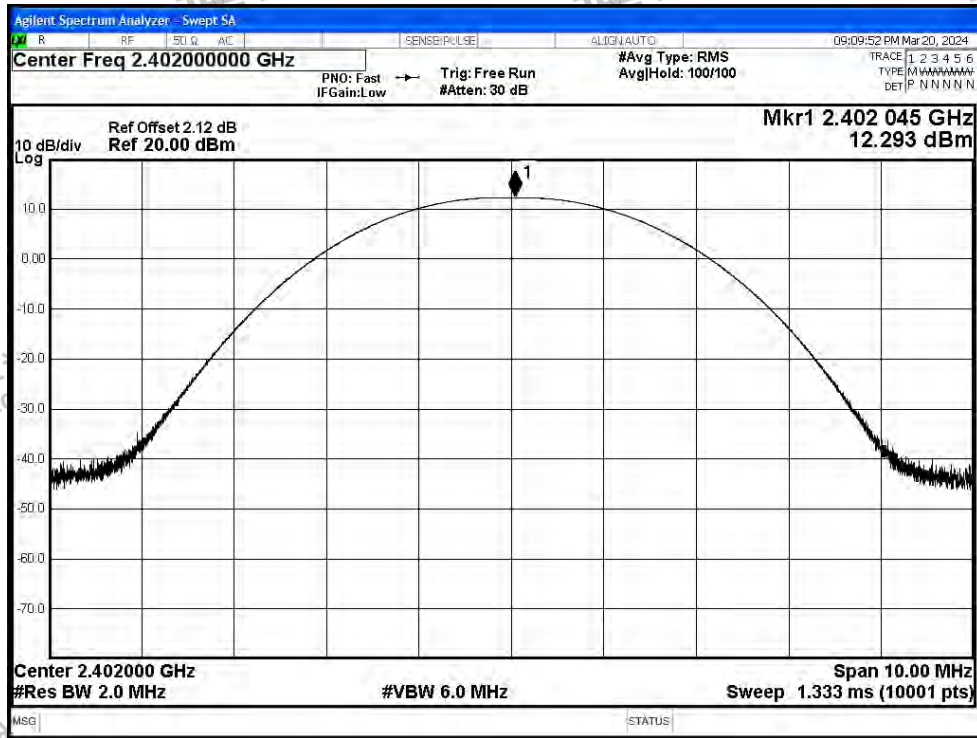
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 12.29 | 21 | Pass |
| NVNT | 1-DH5 | 2441 | Ant | 12.40 | 21 | Pass |
| NVNT | 1-DH5 | 2480 | Ant | 12.29 | 21 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 12.29 | 21 | Pass |
| NVNT | 2-DH5 | 2441 | Ant | 12.44 | 21 | Pass |
| NVNT | 2-DH5 | 2480 | Ant | 12.3 | 21 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 12.26 | 21 | Pass |
| NVNT | 3-DH5 | 2441 | Ant | 12.41 | 21 | Pass |
| NVNT | 3-DH5 | 2480 | Ant | 12.26 | 21 | Pass |



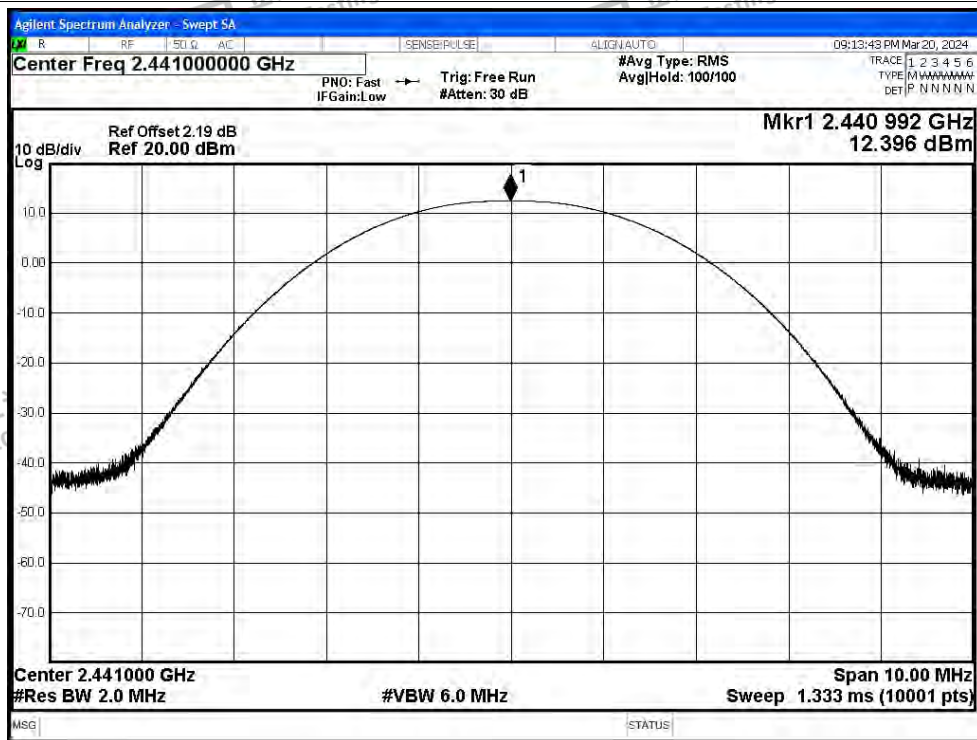


Test Graphs

Power NVNT 1-DH5 2402MHz Ant

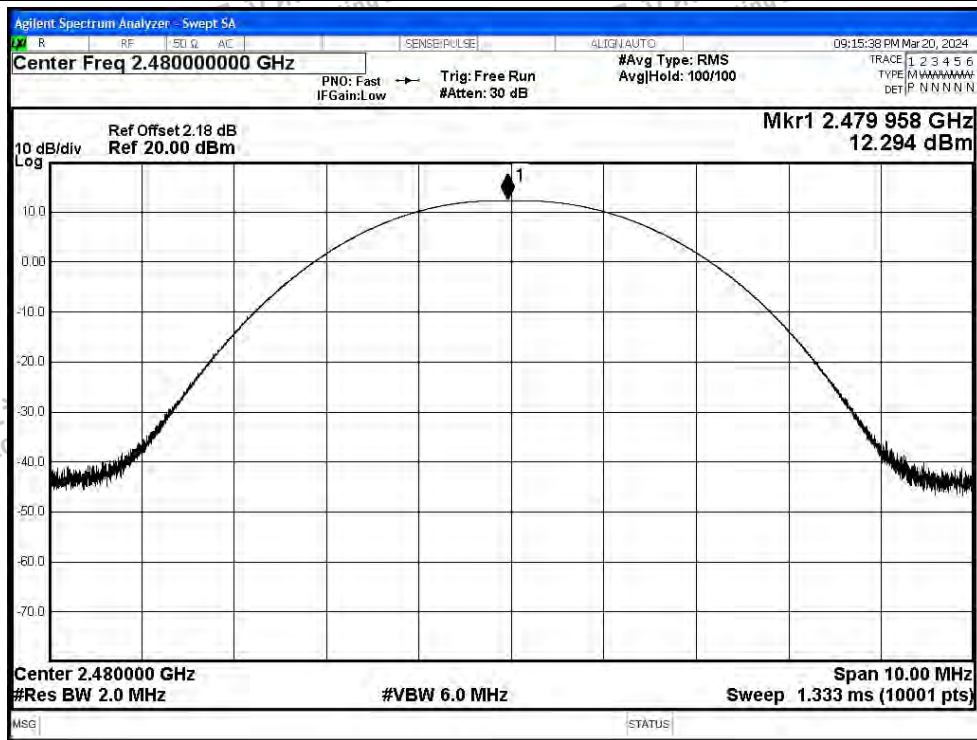


Power NVNT 1-DH5 2441MHz Ant

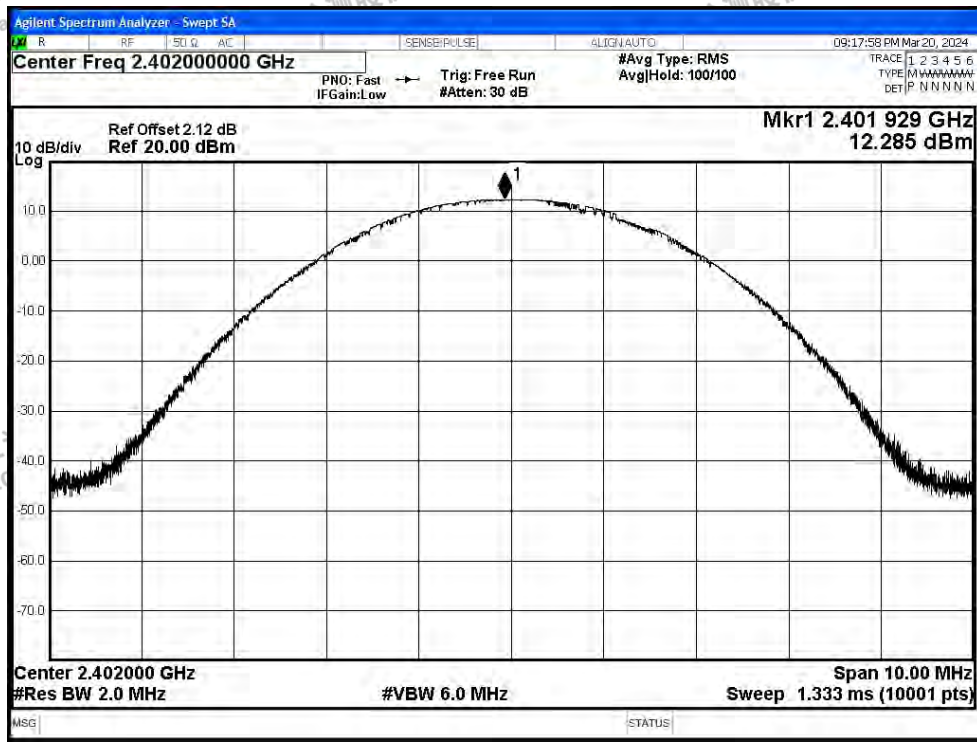




Power NVNT 1-DH5 2480MHz Ant

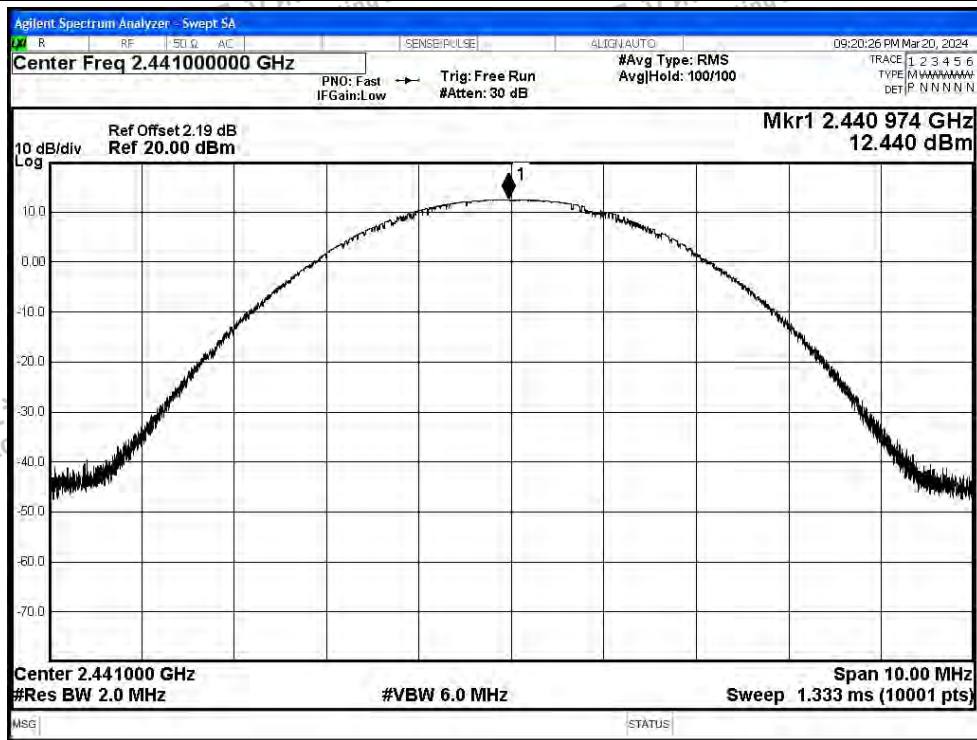


Power NVNT 2-DH5 2402MHz Ant

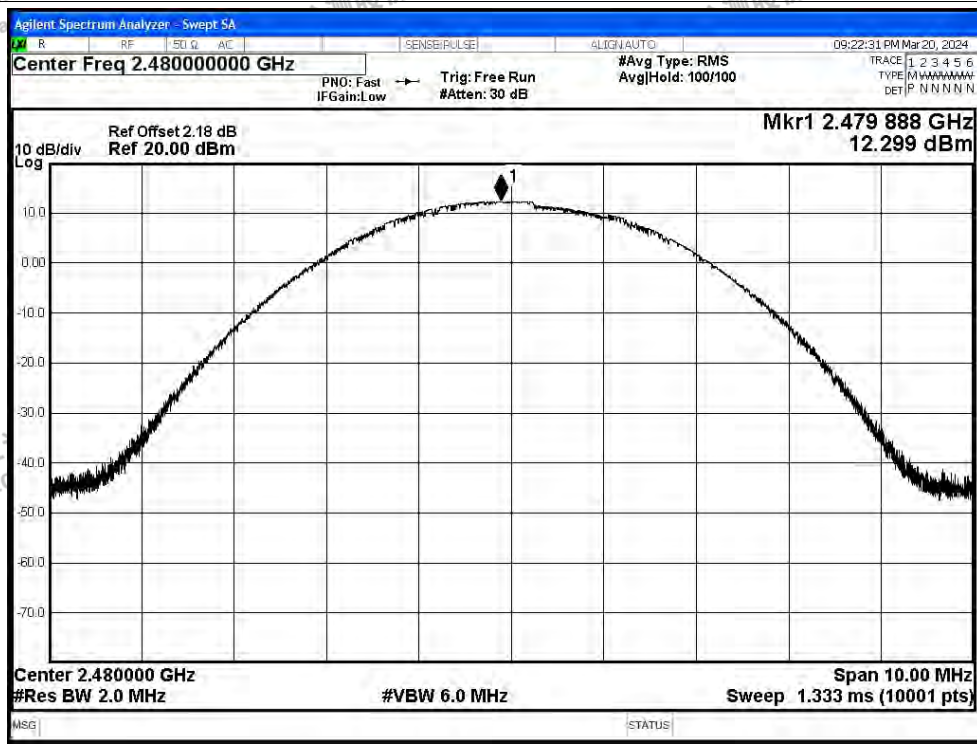




Power NVNT 2-DH5 2441MHz Ant

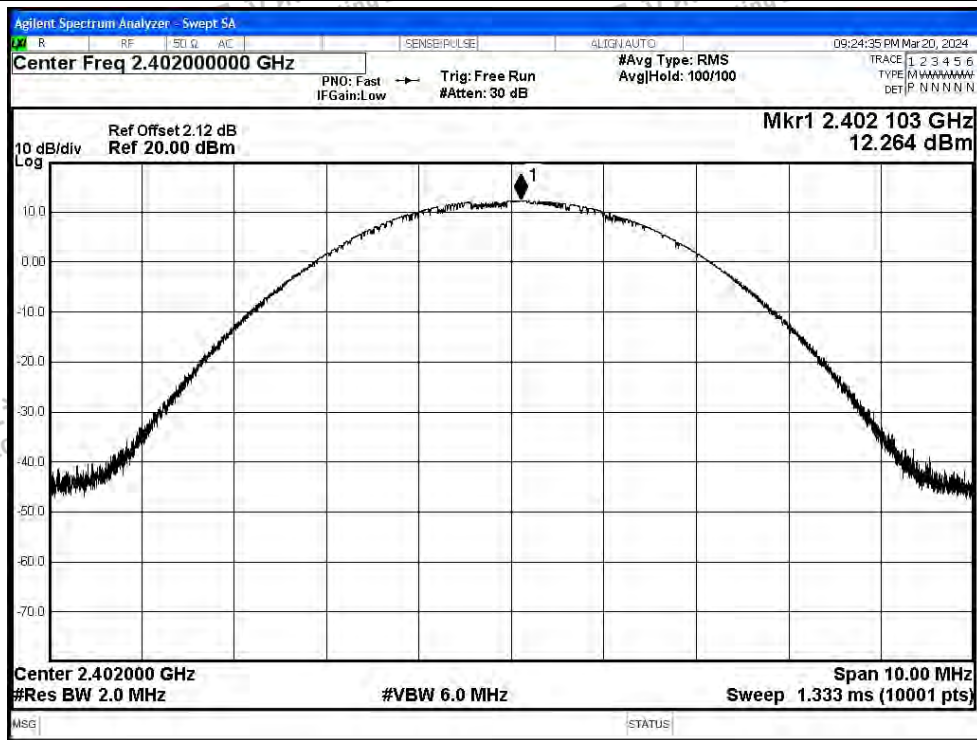


Power NVNT 2-DH5 2480MHz Ant

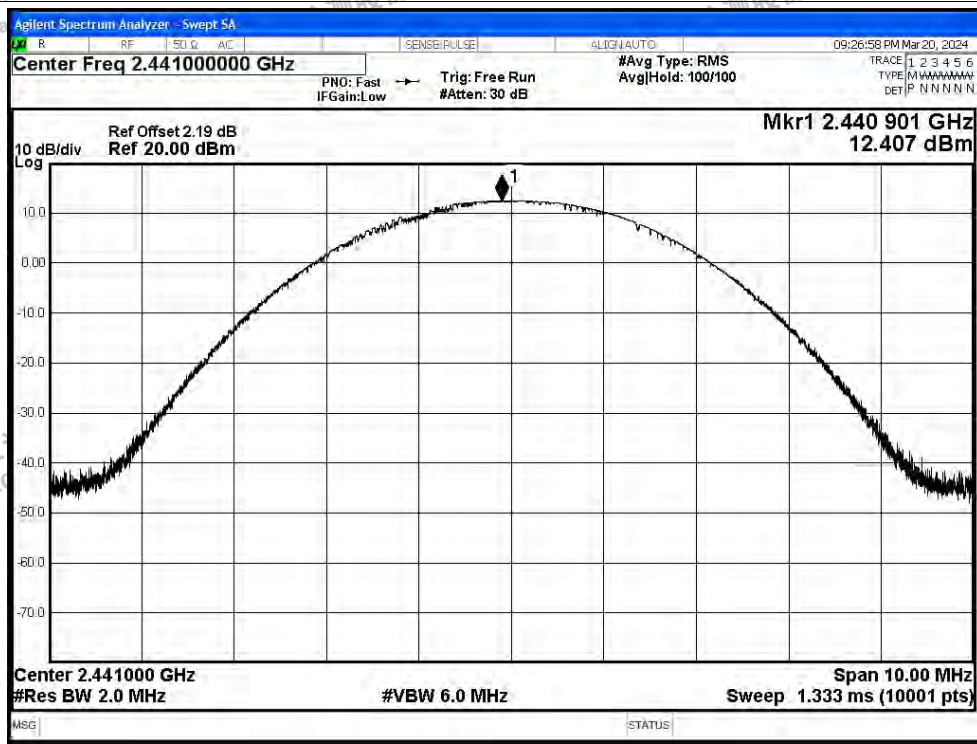




Power NVNT 3-DH5 2402MHz Ant

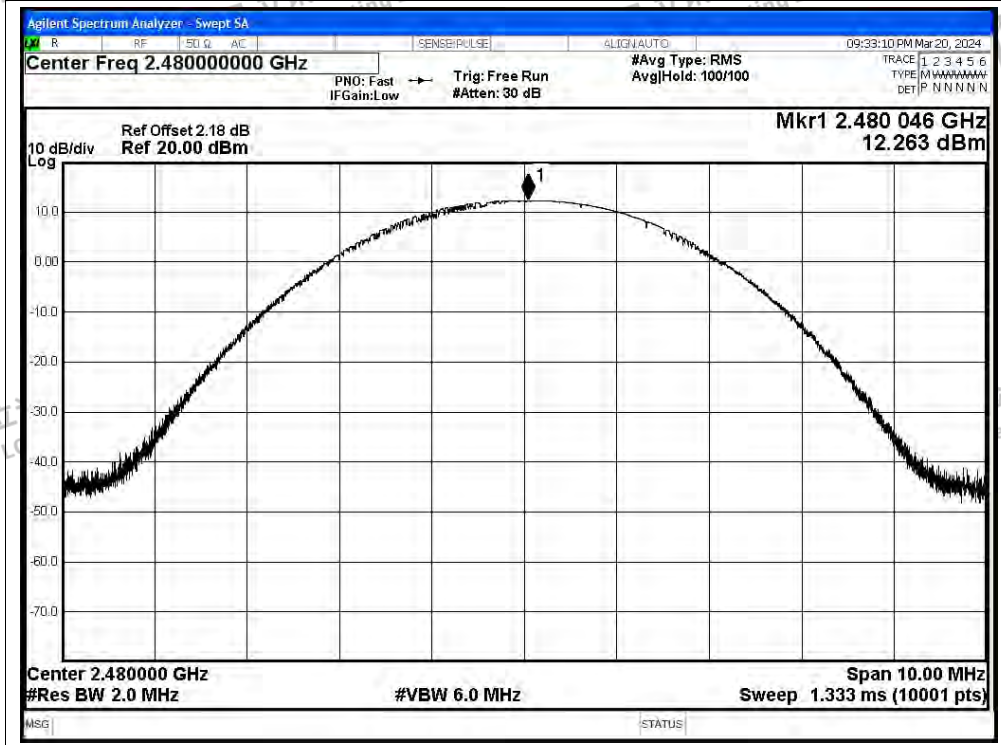


Power NVNT 3-DH5 2441MHz Ant





Power NVNT 3-DH5 2480MHz Ant



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Scan code to check authenticity



A.3 Carrier Frequencies Separation

Left Ear:

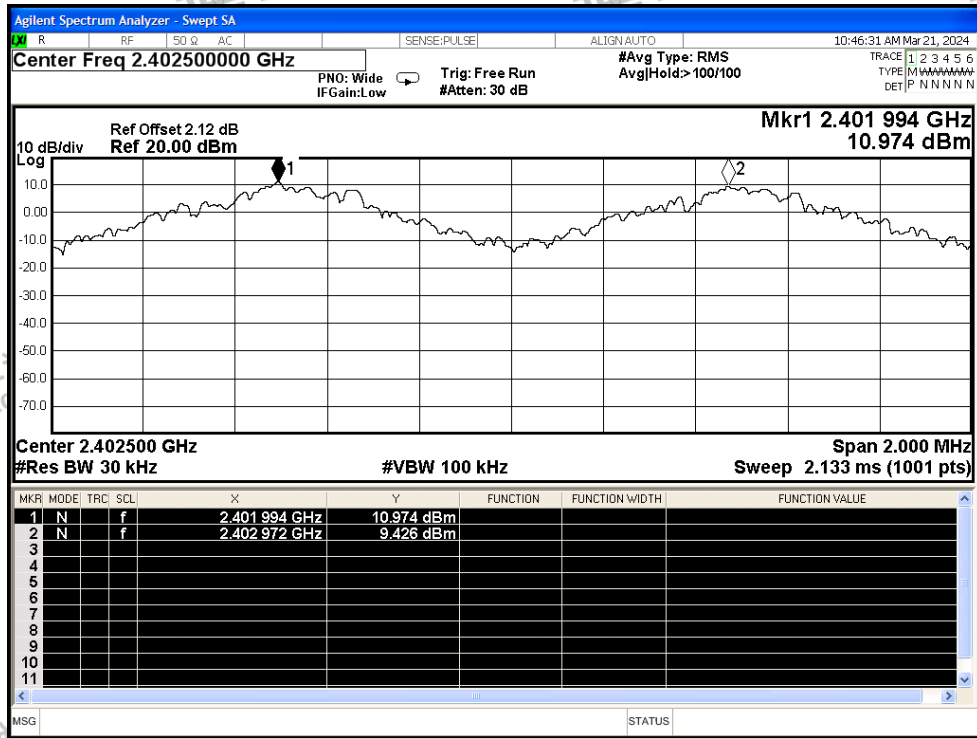
| Condition | Mode | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT | 1-DH5 | Ant | 2401.994 | 2402.972 | 0.978 | 0.690 | Pass |
| NVNT | 2-DH5 | Ant | 2401.986 | 2403.004 | 1.018 | 0.815 | Pass |
| NVNT | 3-DH5 | Ant | 2401.99 | 2402.99 | 1 | 0.857 | Pass |



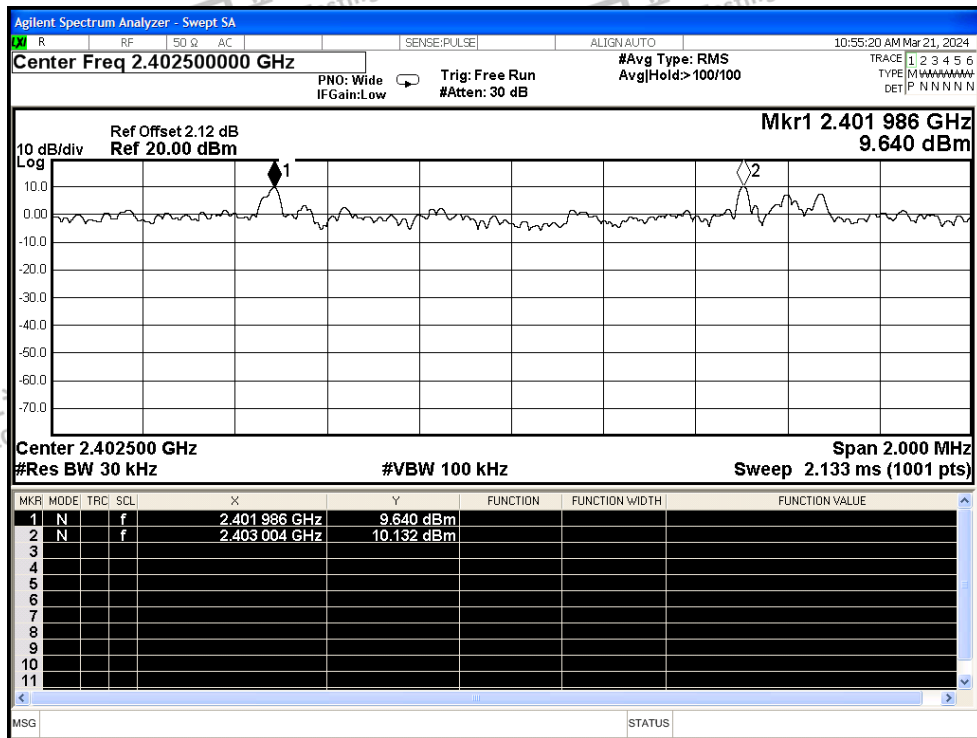


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant

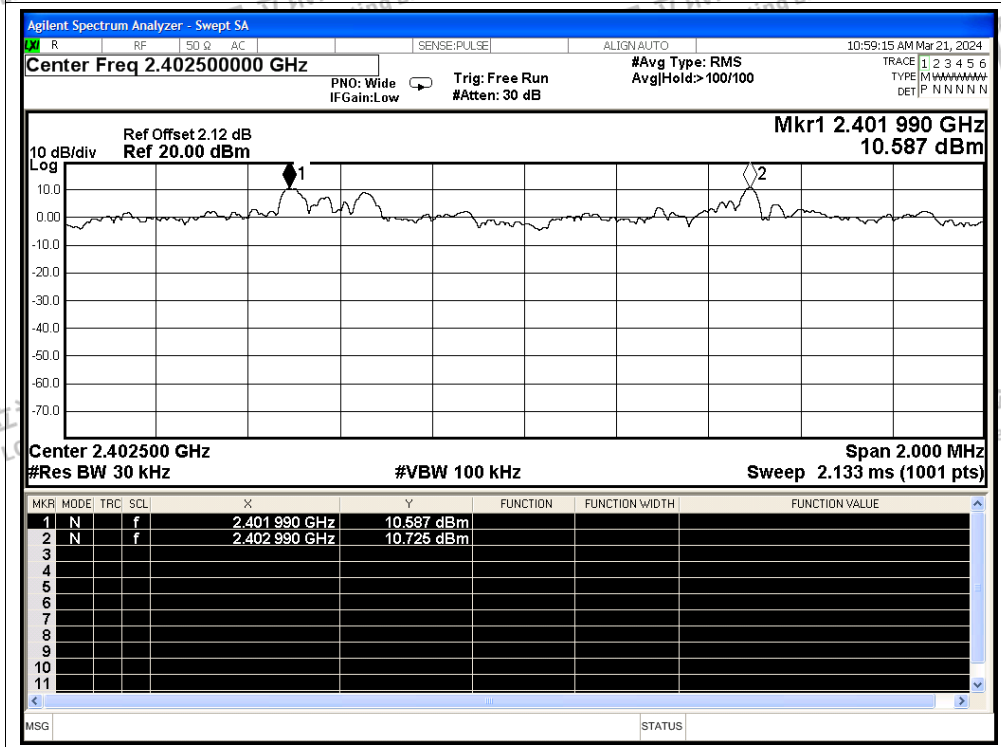


CFS NVNT 2-DH5 2402MHz Ant





CFS NVNT 3-DH5 2402MHz Ant





Right Ear:

| Condition | Mode | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT | 1-DH5 | Ant | 2401.996 | 2403.004 | 1.008 | 0.649 | Pass |
| NVNT | 2-DH5 | Ant | 2402.156 | 2403.01 | 0.854 | 0.801 | Pass |
| NVNT | 3-DH5 | Ant | 2401.988 | 2402.988 | 1 | 0.865 | Pass |

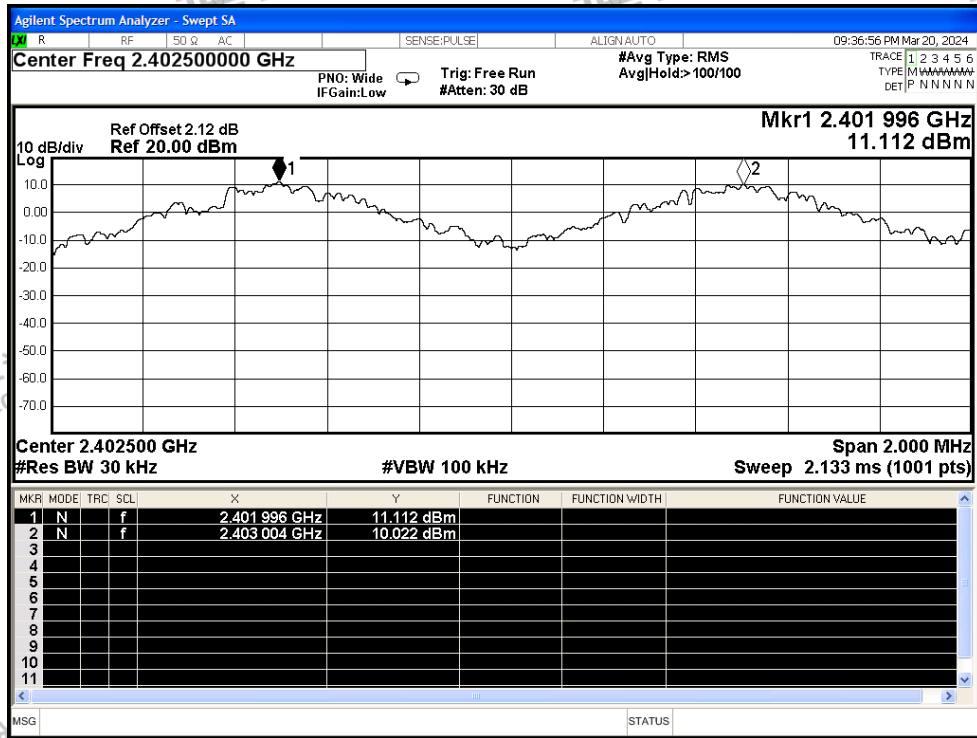


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 518000, China
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 Scan code to check authenticity

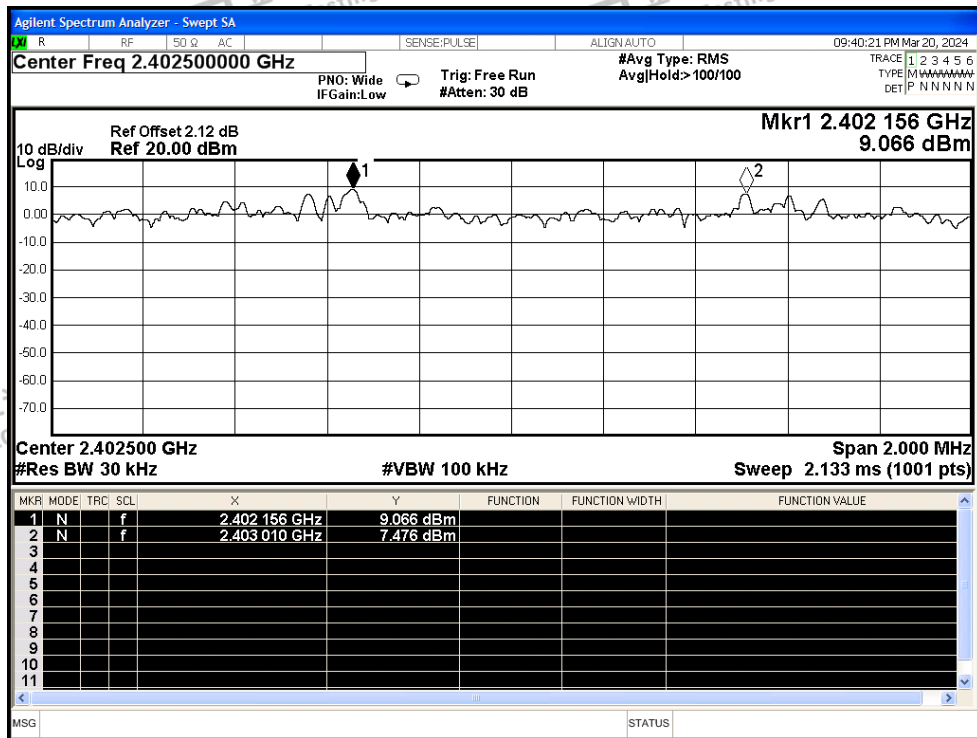


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant

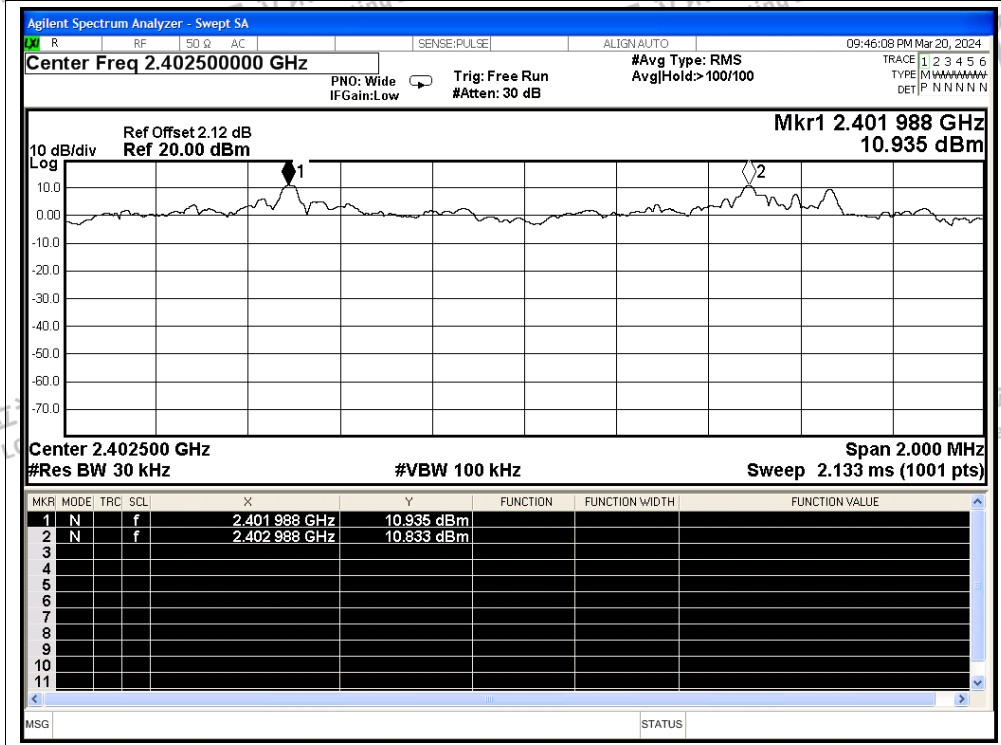


CFS NVNT 2-DH5 2402MHz Ant





CFS NVNT 3-DH5 2402MHz Ant





A.4 Dwell Time

Left Ear:

| Condition | Mode | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|-------------|------------------|------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 2.884 | 224.952 | 78 | 31600 | 400 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 2.89 | 228.31 | 79 | 31600 | 400 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 2.89 | 228.31 | 79 | 31600 | 400 | Pass |

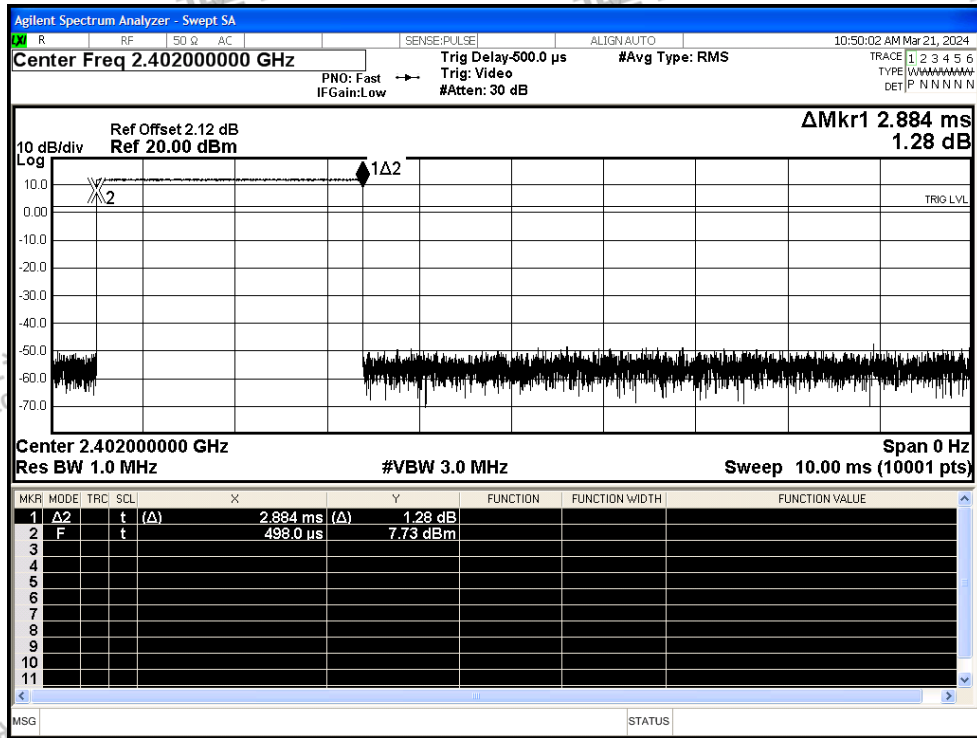


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 Scan code to check authenticity

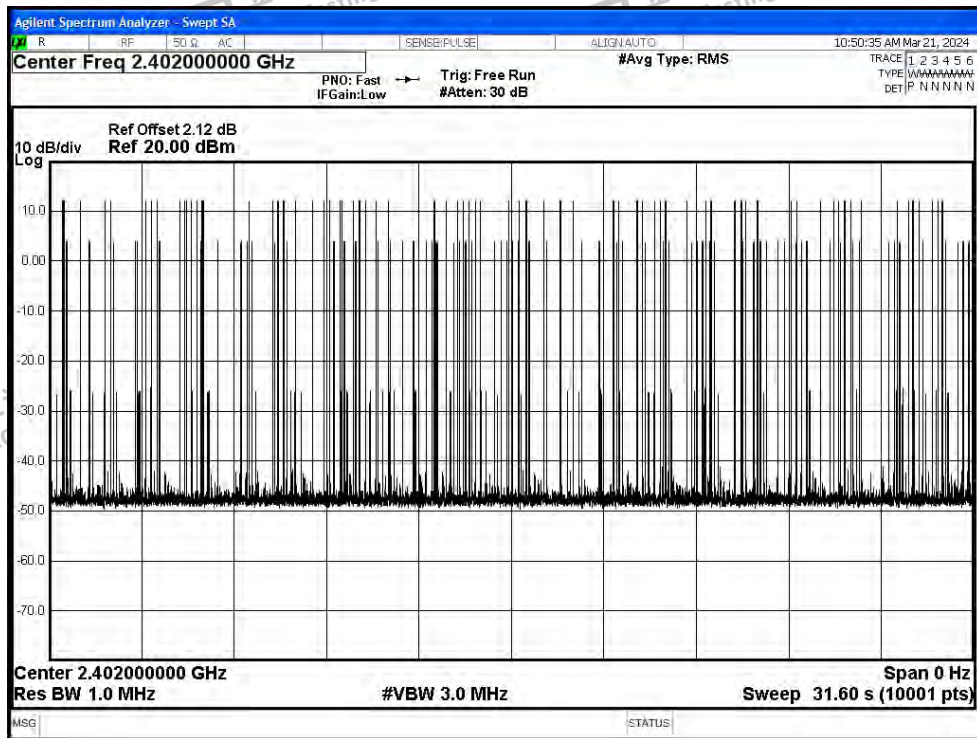


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant One Burst

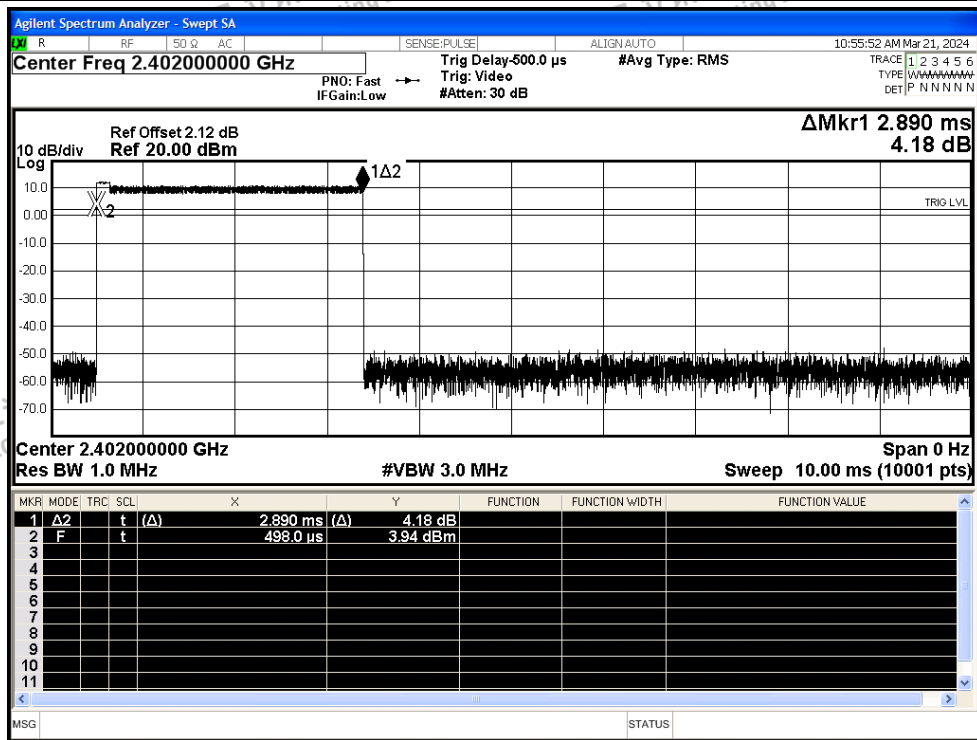


Dwell NVNT 1-DH5 2402MHz Ant Accumulated

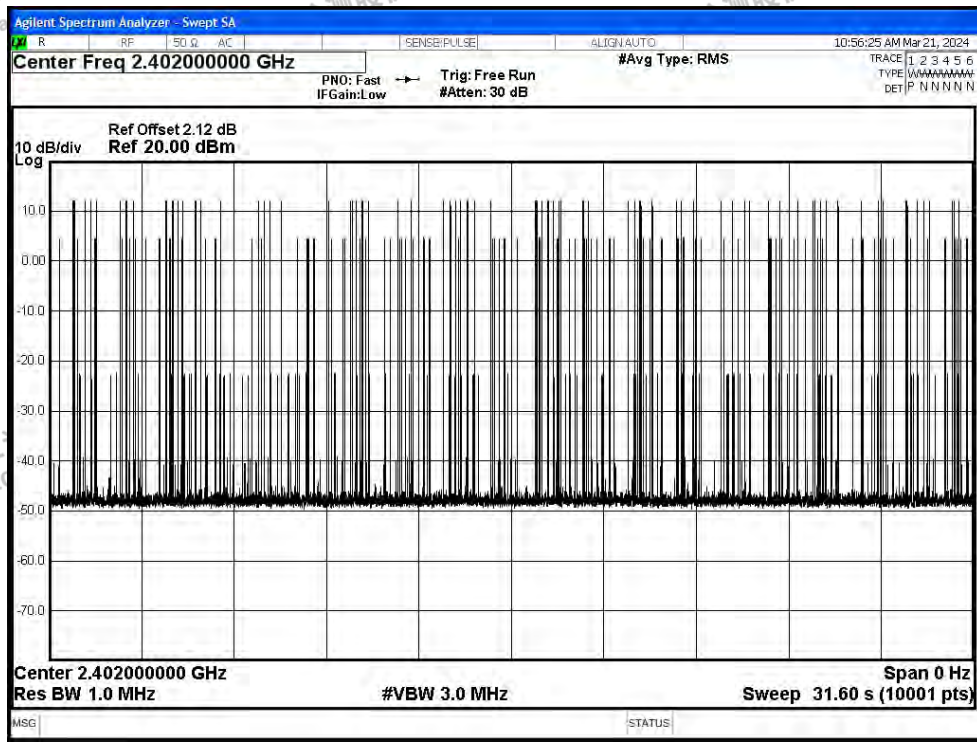




Dwell NVNT 2-DH5 2402MHz Ant One Burst

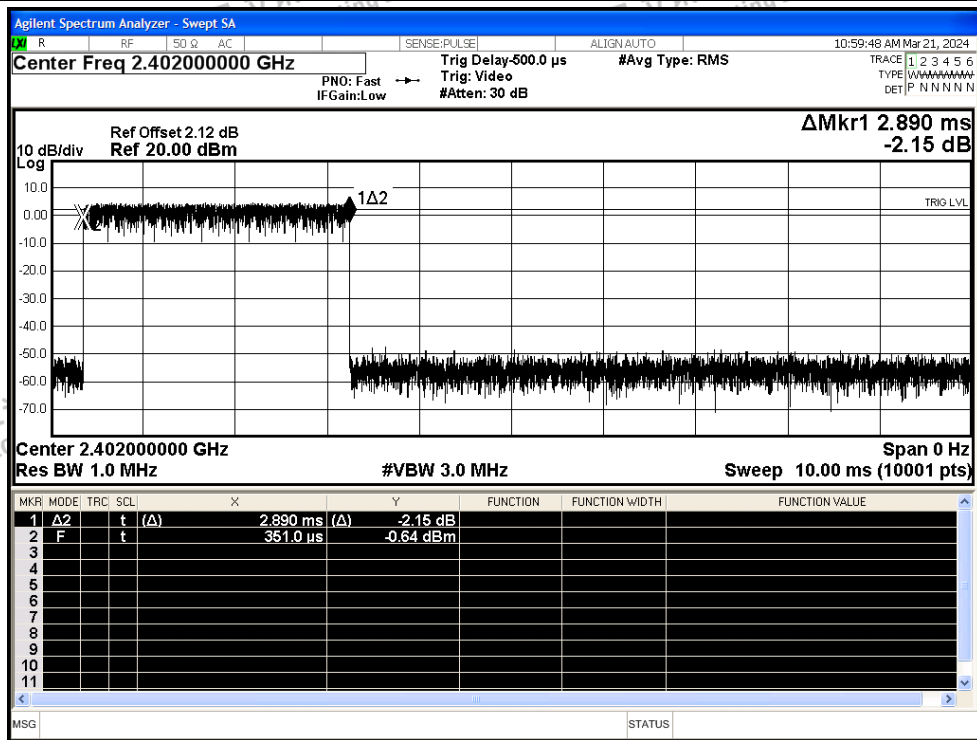


Dwell NVNT 2-DH5 2402MHz Ant Accumulated

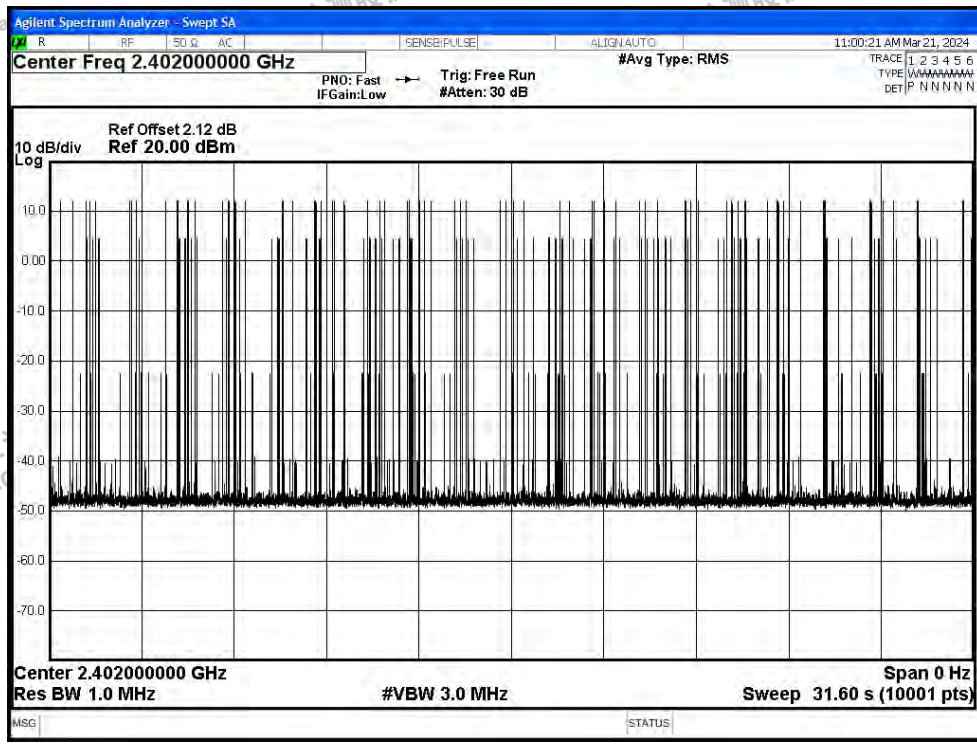




Dwell NVNT 3-DH5 2402MHz Ant One Burst



Dwell NVNT 3-DH5 2402MHz Ant Accumulated





Right Ear:

| Condition | Mode | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|-------------|------------------|------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | 2.884 | 204.764 | 71 | 31600 | 400 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | 2.89 | 274.55 | 95 | 31600 | 400 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | 2.891 | 219.716 | 76 | 31600 | 400 | Pass |

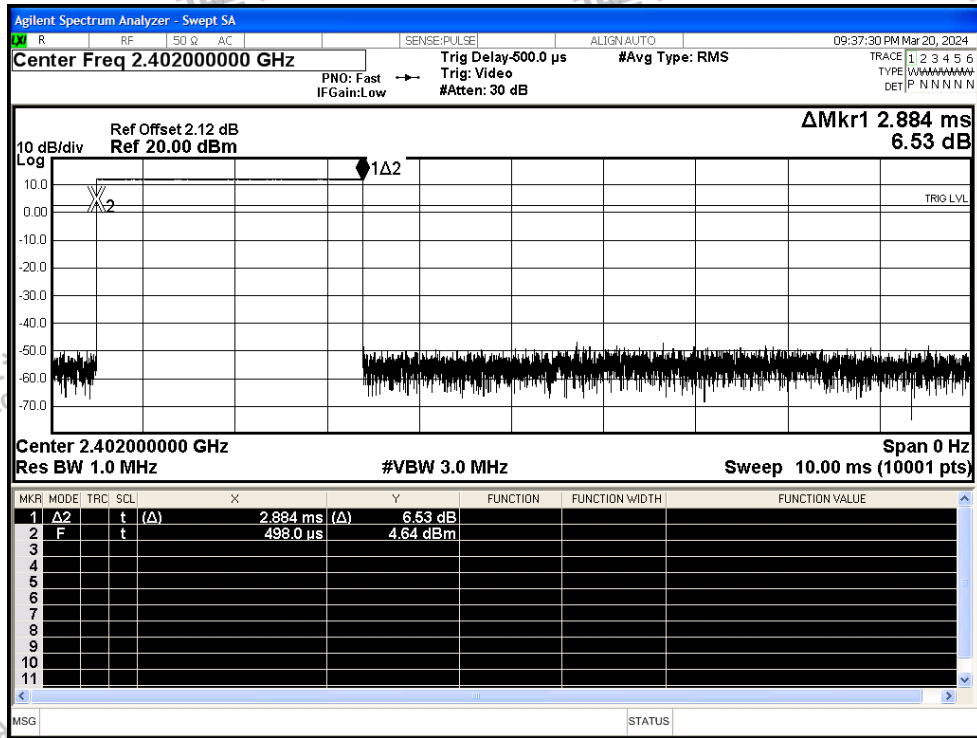


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 Scan code to check authenticity

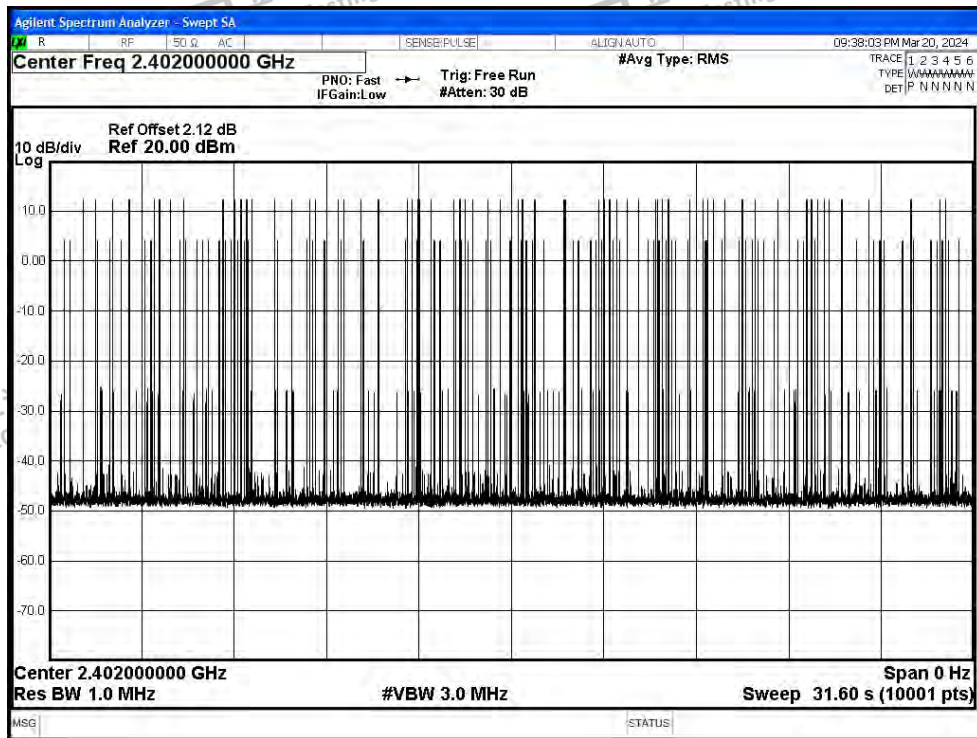


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant One Burst

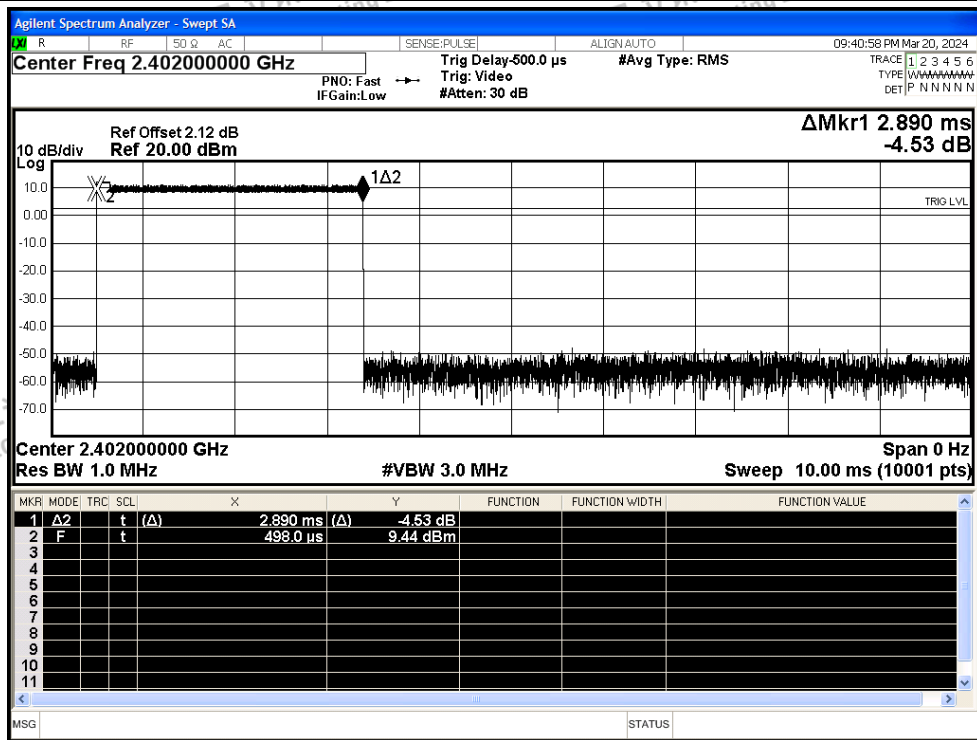


Dwell NVNT 1-DH5 2402MHz Ant Accumulated

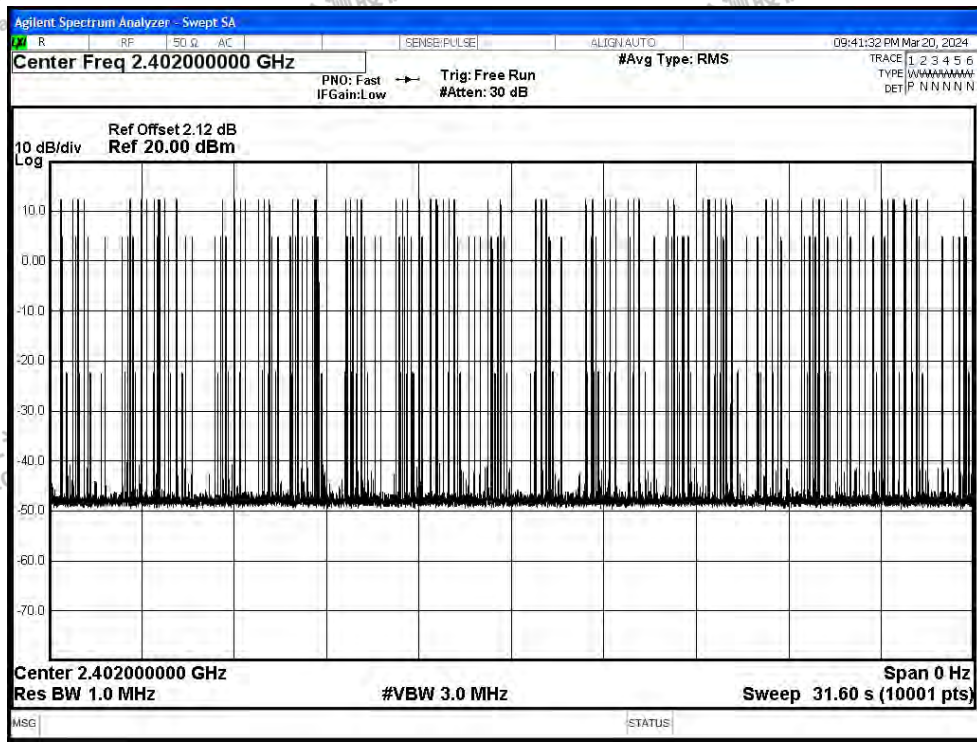




Dwell NVNT 2-DH5 2402MHz Ant One Burst

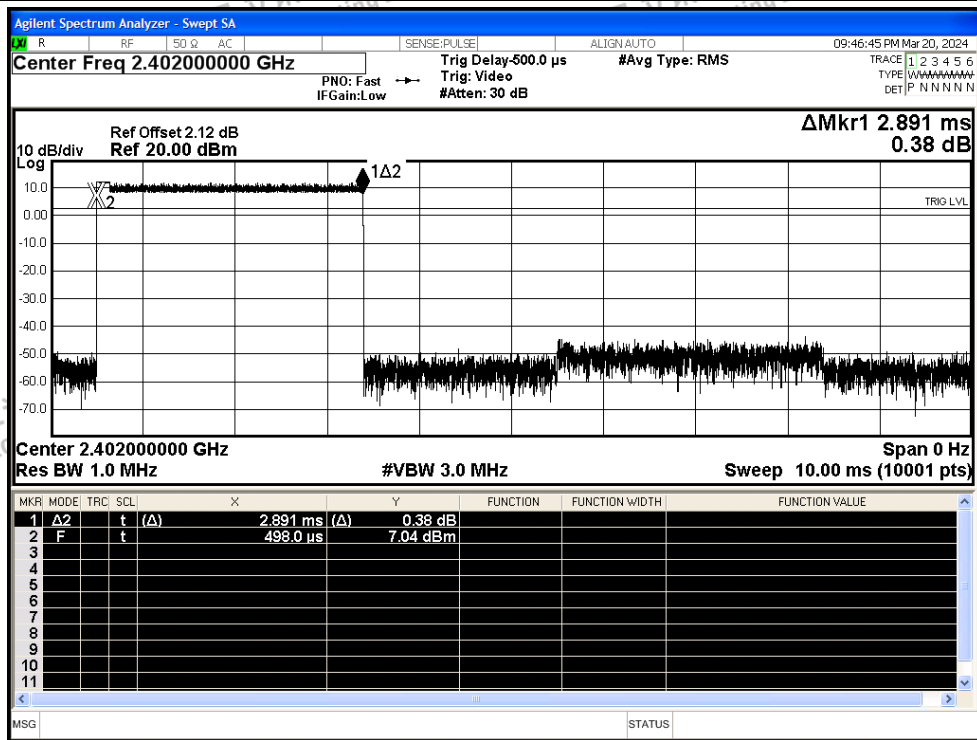


Dwell NVNT 2-DH5 2402MHz Ant Accumulated

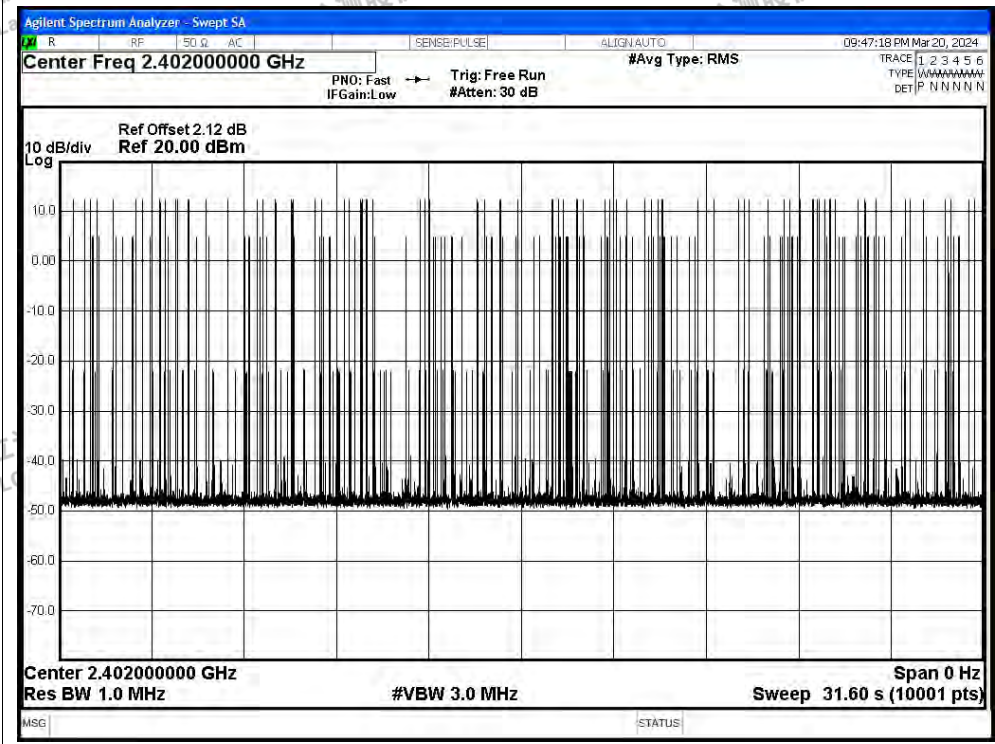




Dwell NVNT 3-DH5 2402MHz Ant One Burst



Dwell NVNT 3-DH5 2402MHz Ant Accumulated





A.5 Number of Hopping Channel

Left Ear:

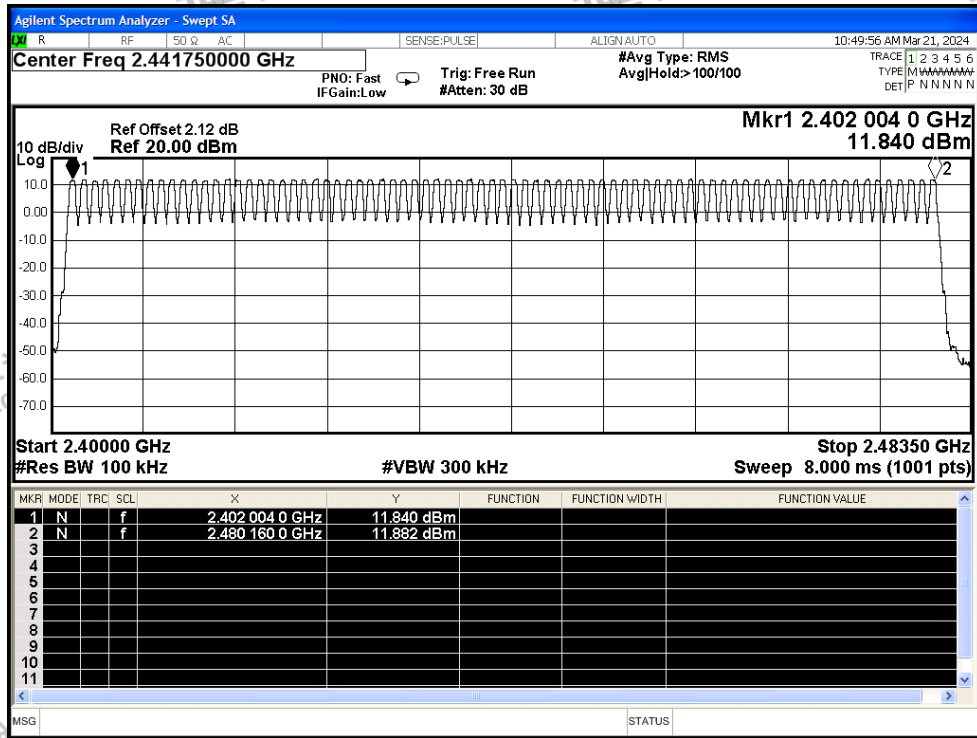
| Condition | Mode | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT | 1-DH5 | Ant | 79 | 15 | Pass |
| NVNT | 2-DH5 | Ant | 79 | 15 | Pass |
| NVNT | 3-DH5 | Ant | 79 | 15 | Pass |



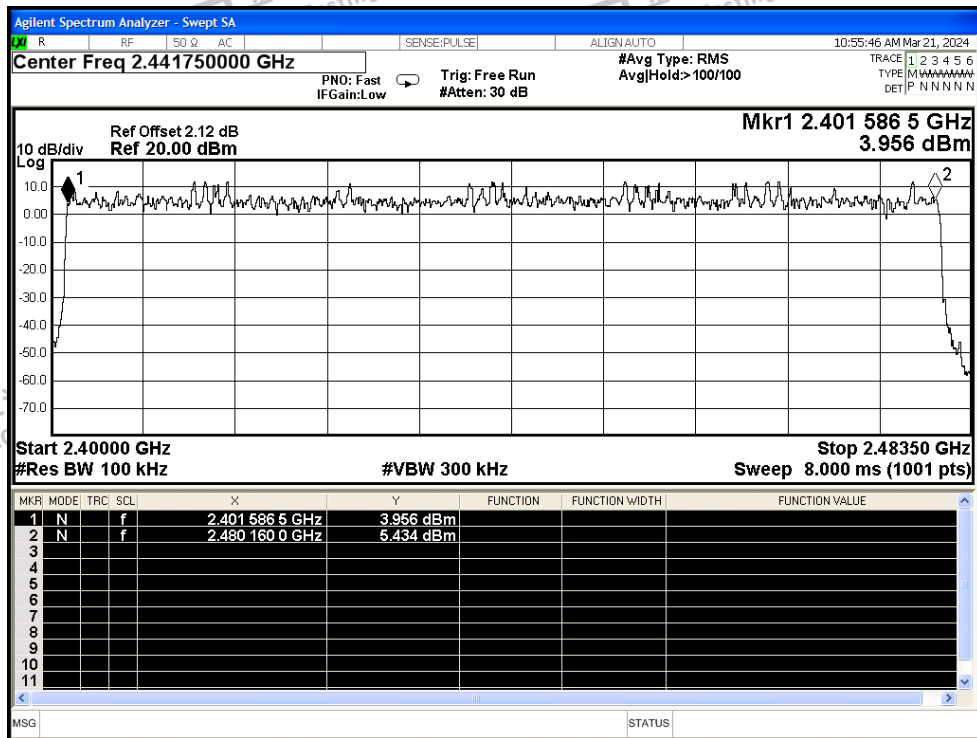


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant

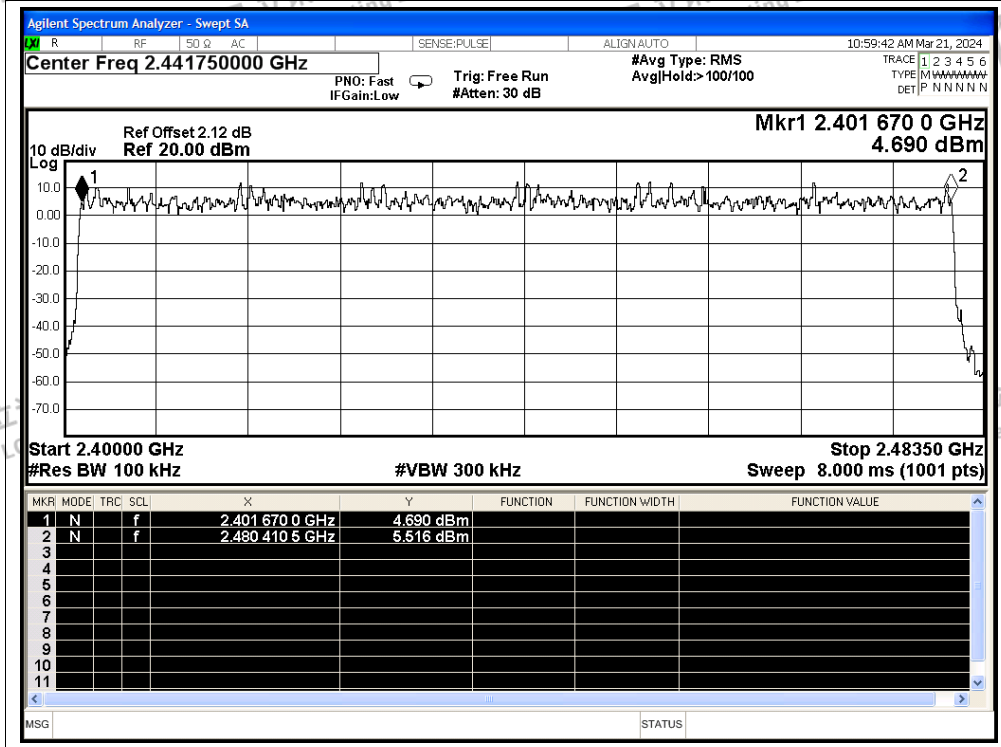


Hopping No. NVNT 2-DH5 2402MHz Ant





Hopping No. NVNT 3-DH5 2402MHz Ant





Right Ear:

| Condition | Mode | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT | 1-DH5 | Ant | 79 | 15 | Pass |
| NVNT | 2-DH5 | Ant | 79 | 15 | Pass |
| NVNT | 3-DH5 | Ant | 79 | 15 | Pass |

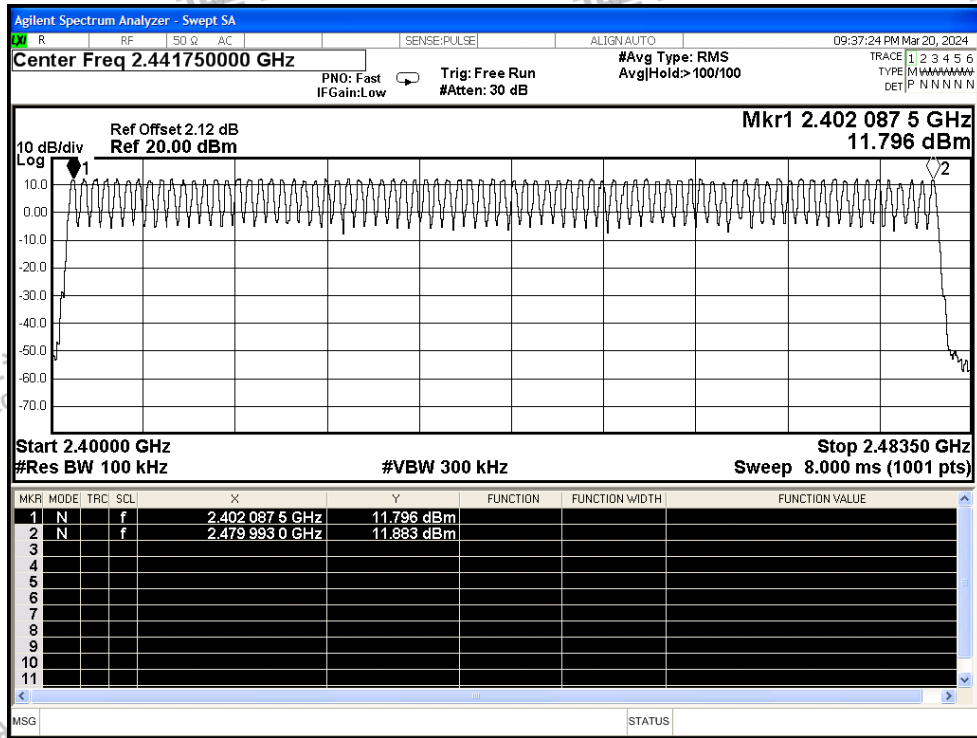


Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen,
 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

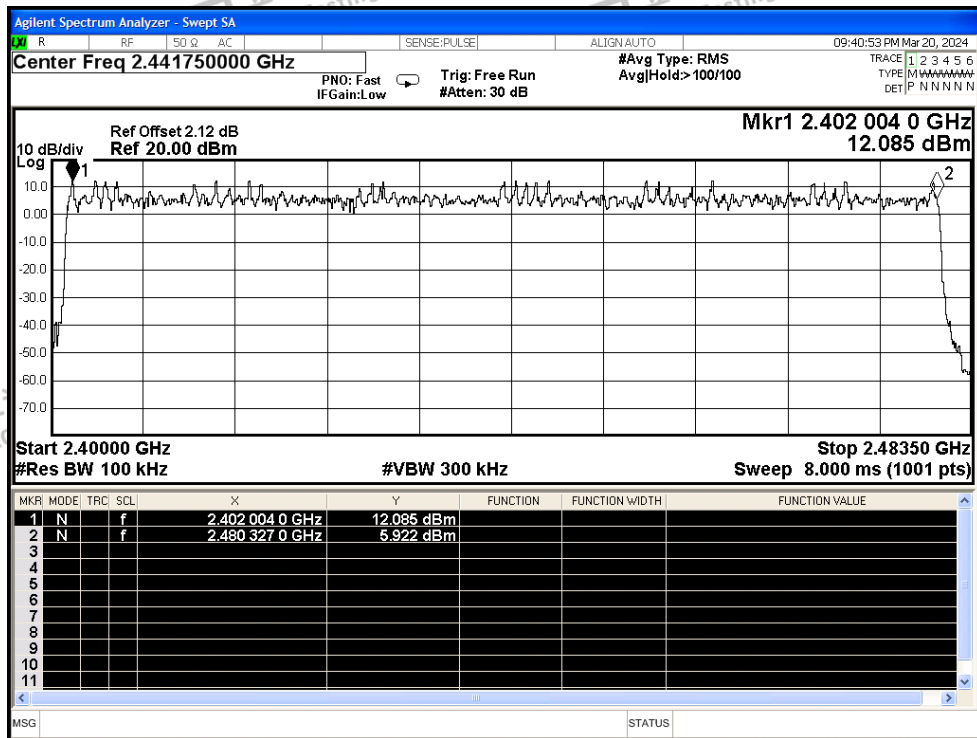


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant

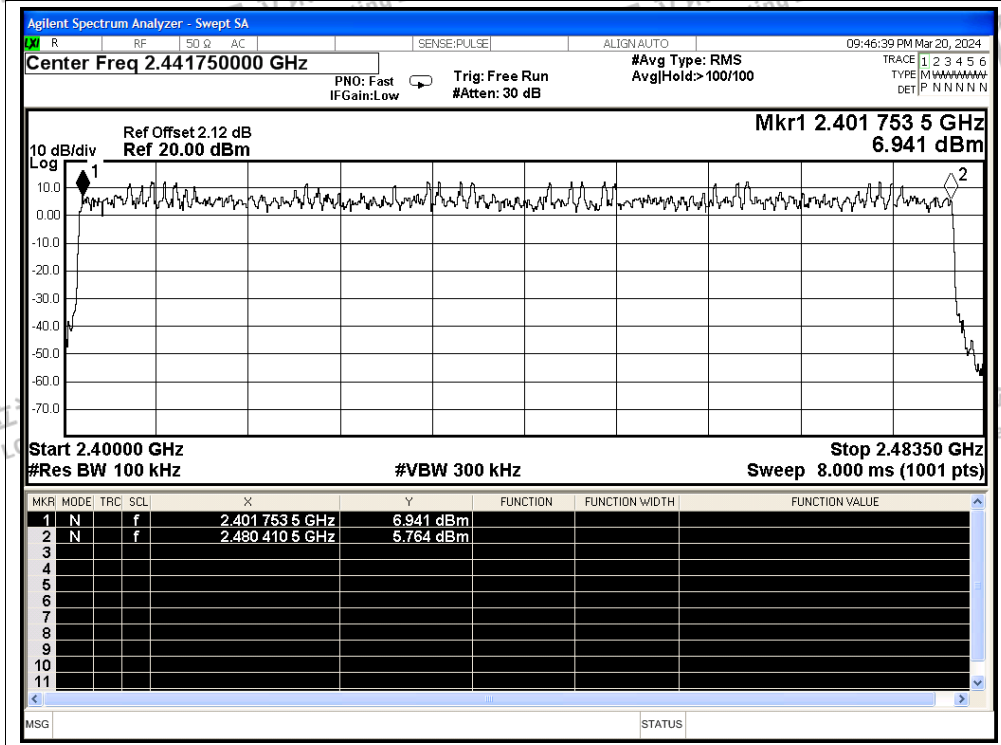


Hopping No. NVNT 2-DH5 2402MHz Ant





Hopping No. NVNT 3-DH5 2402MHz Ant





A.6 Band Edge

Left Ear:

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | No-Hopping | -59.36 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant | No-Hopping | -66.13 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | No-Hopping | -53.95 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant | No-Hopping | -67.79 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | No-Hopping | -59.17 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant | No-Hopping | -64.76 | -20 | Pass |

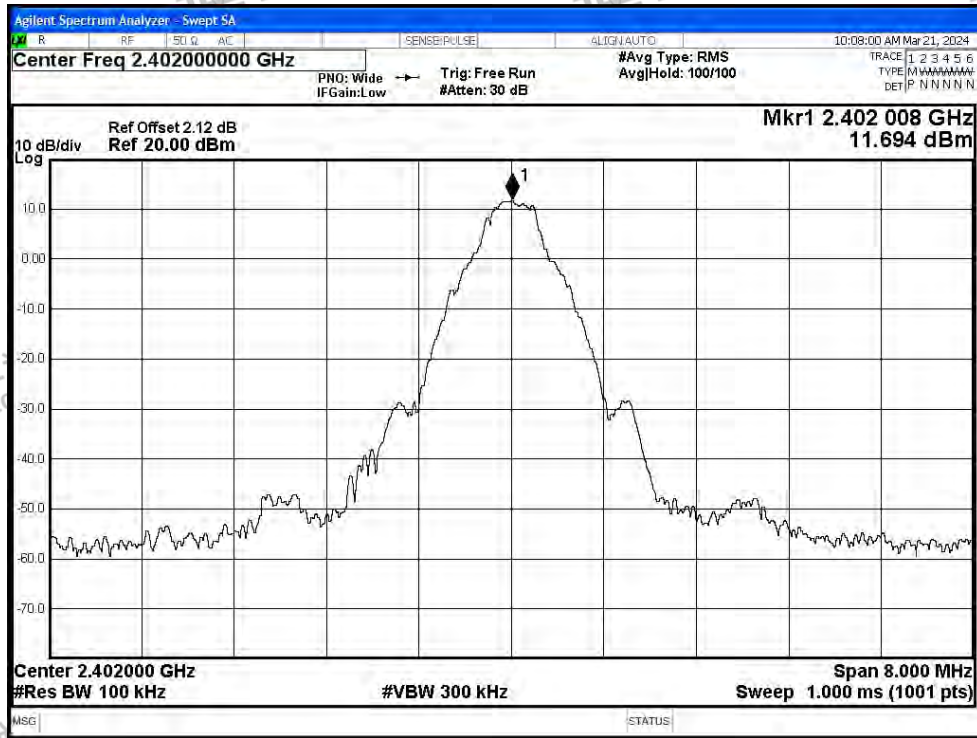


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 Scan code to check authenticity

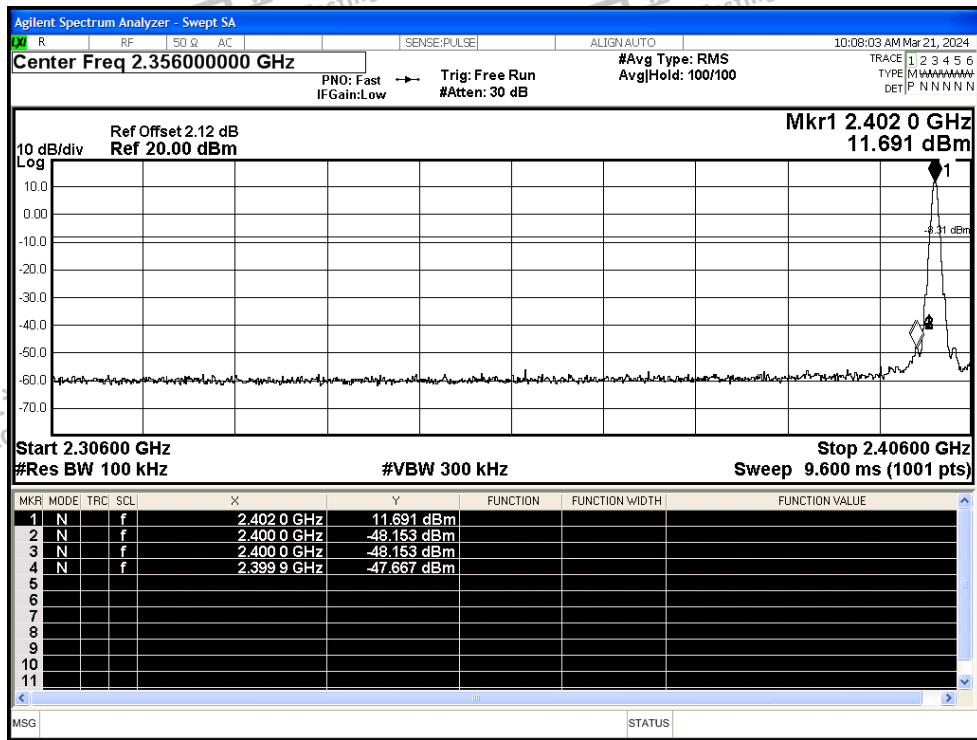


Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Ref

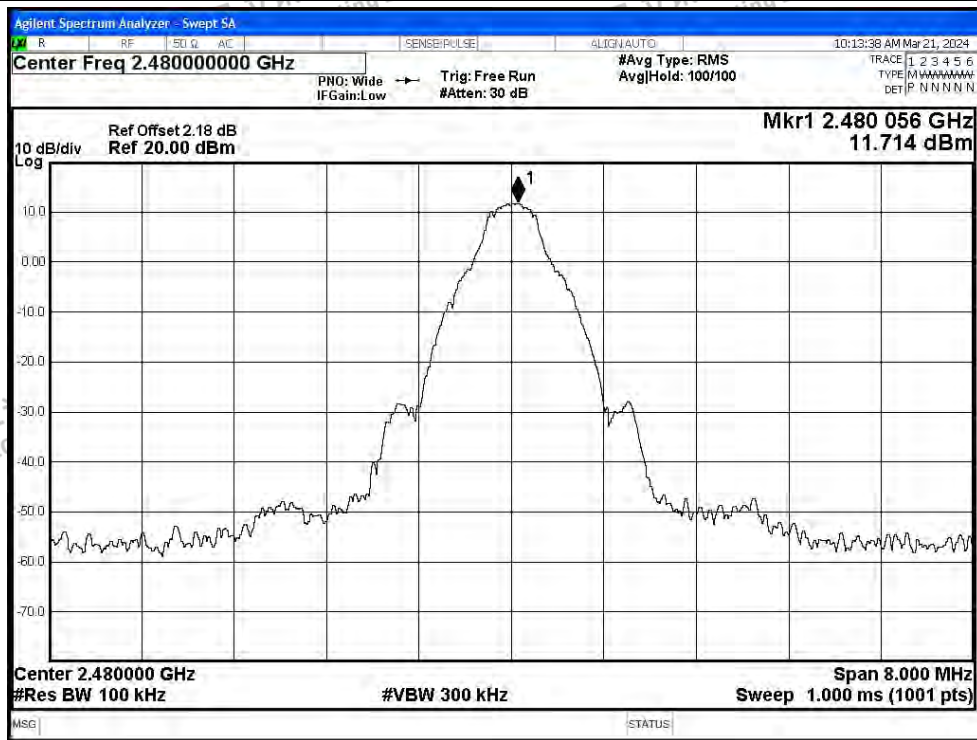


Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Emission

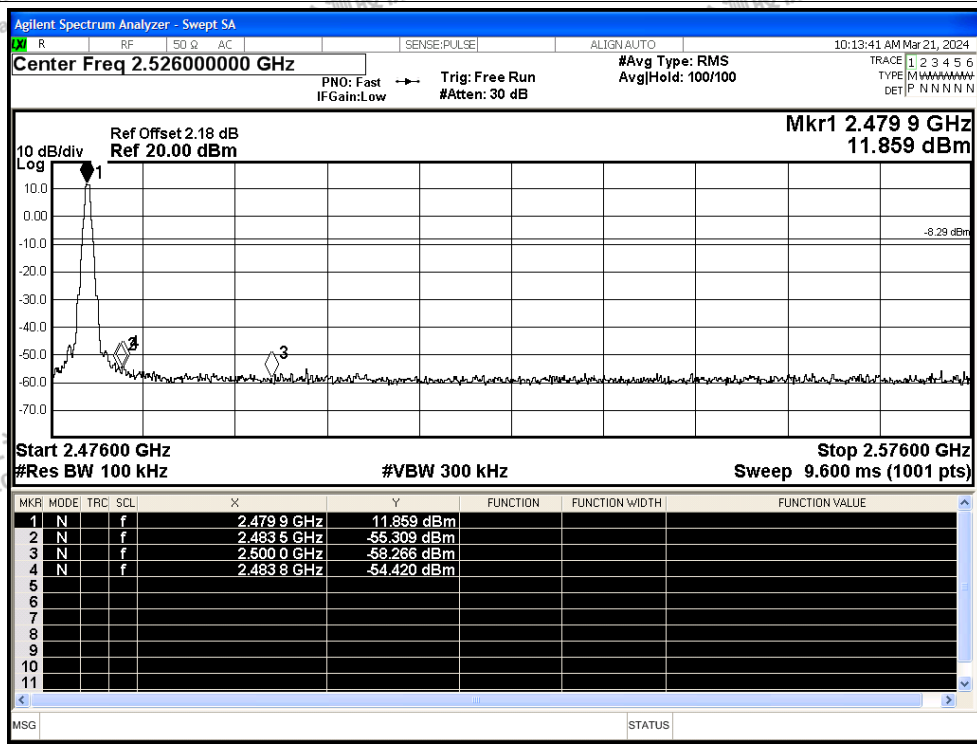




Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Ref

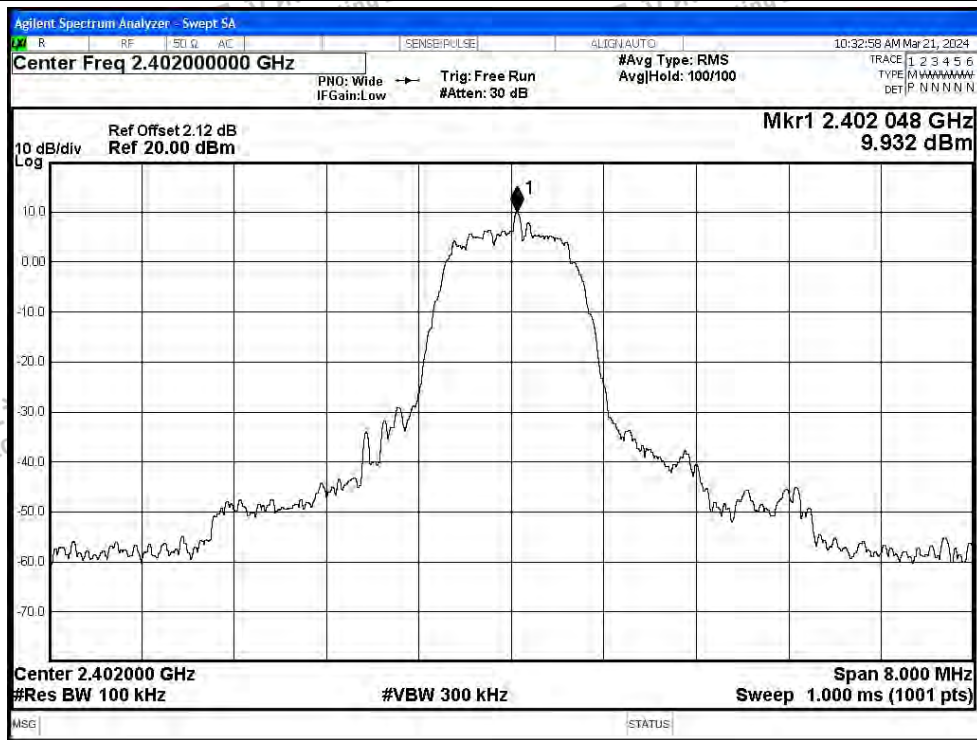


Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Emission

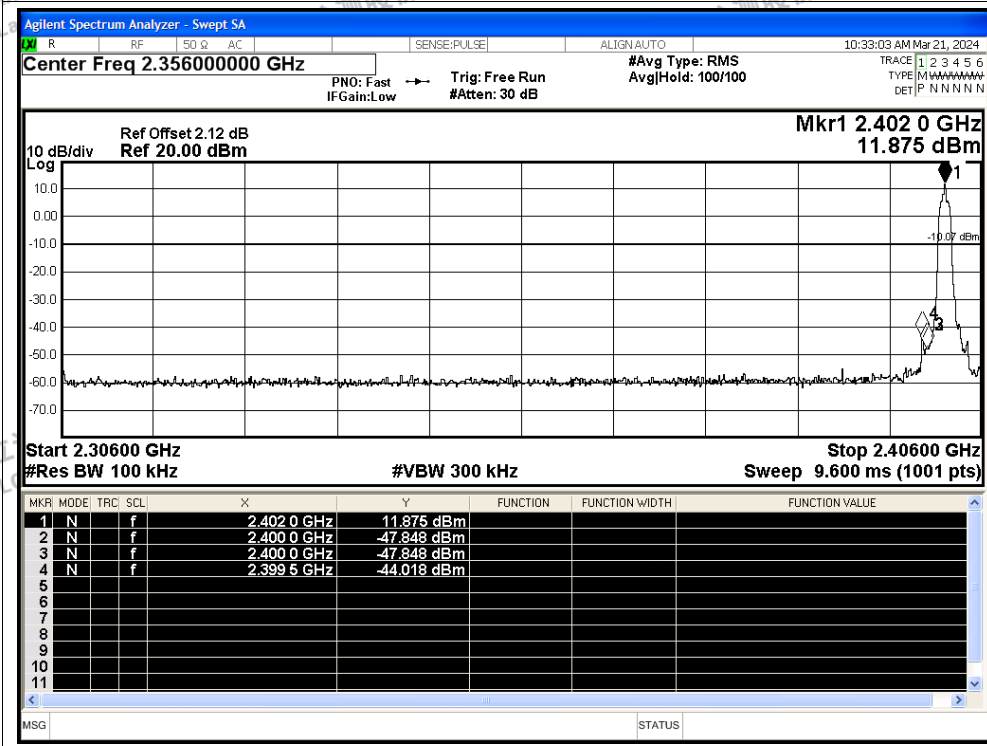




Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Ref

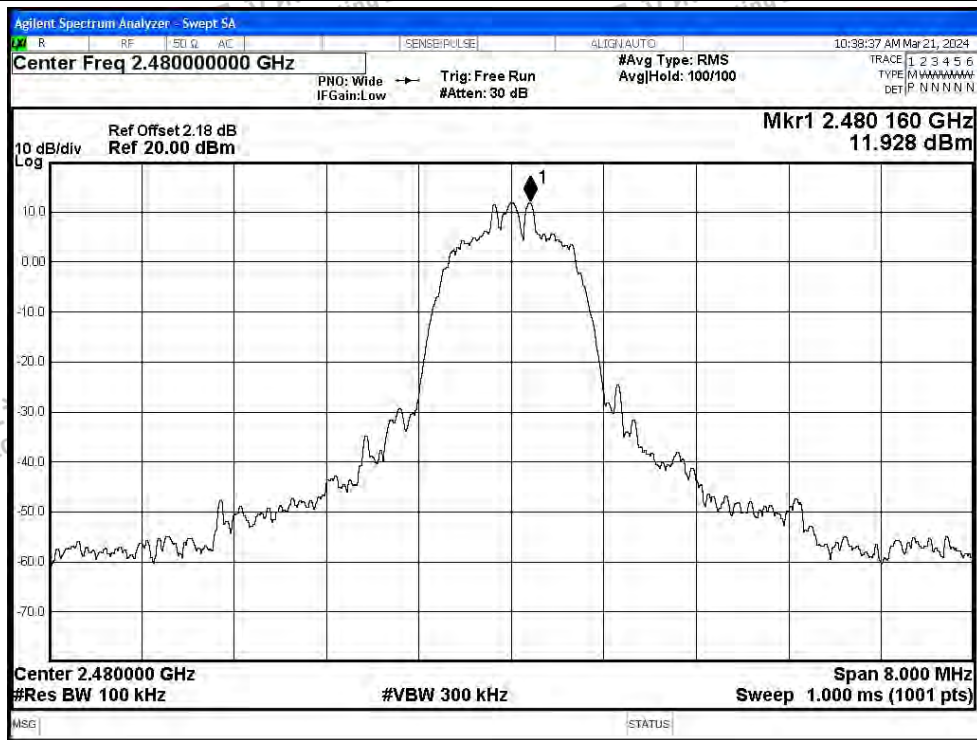


Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Emission

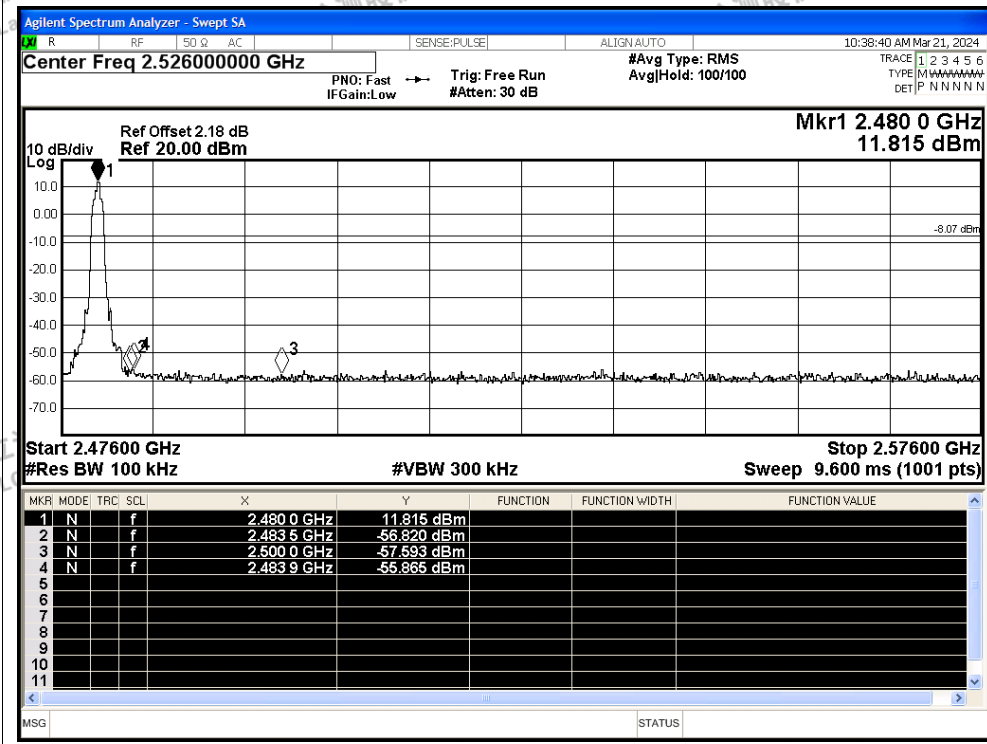




Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Ref

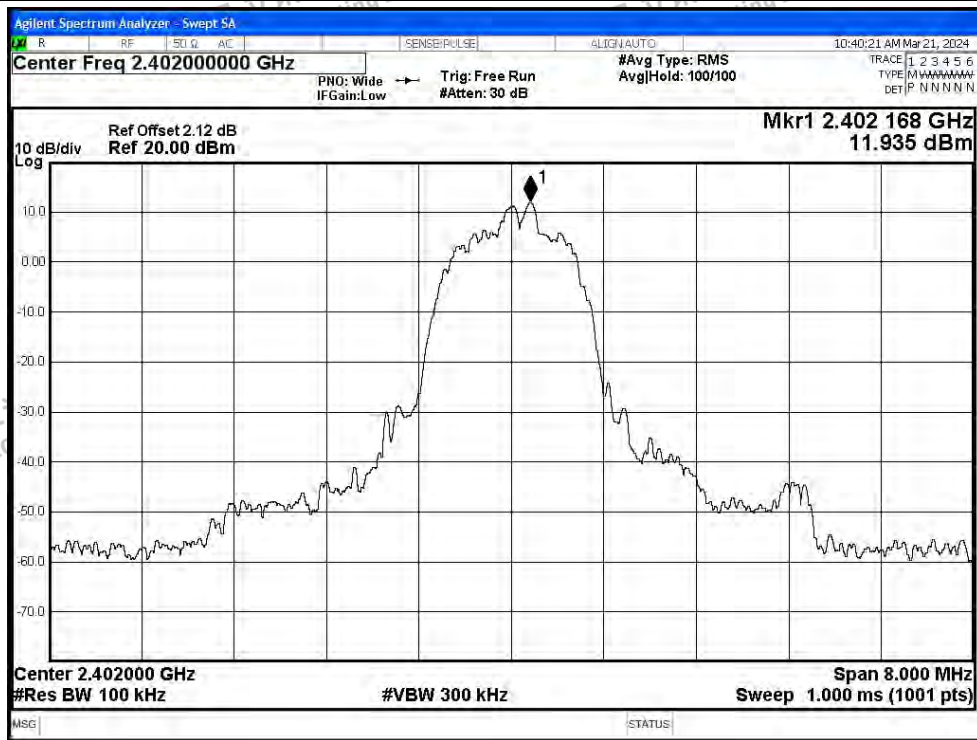


Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Emission

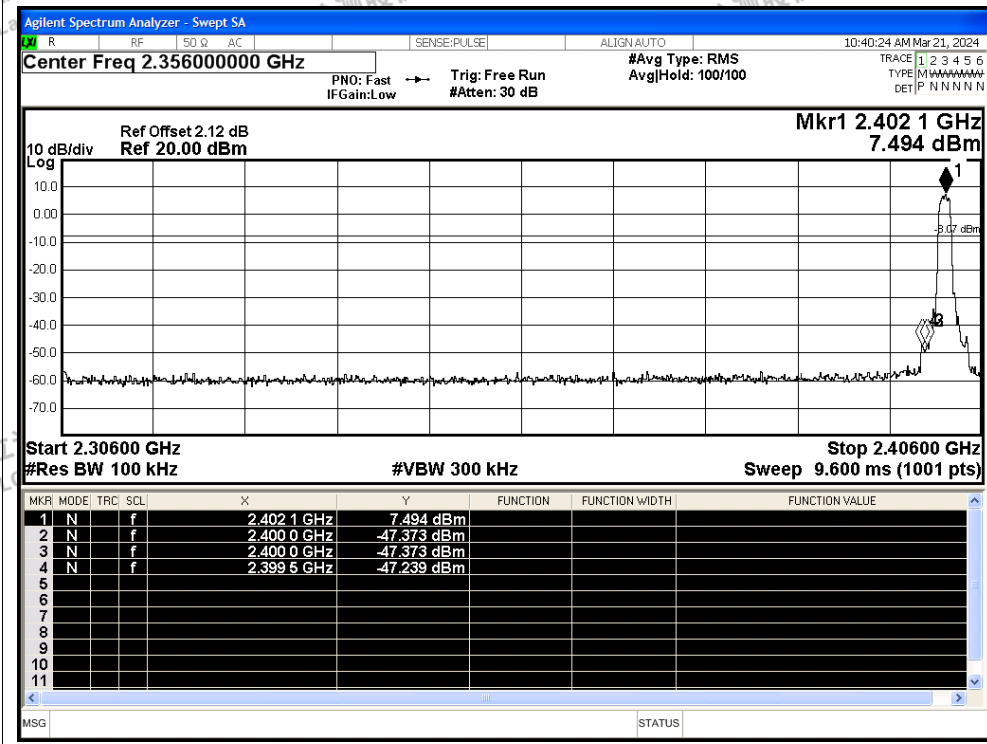




Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Ref

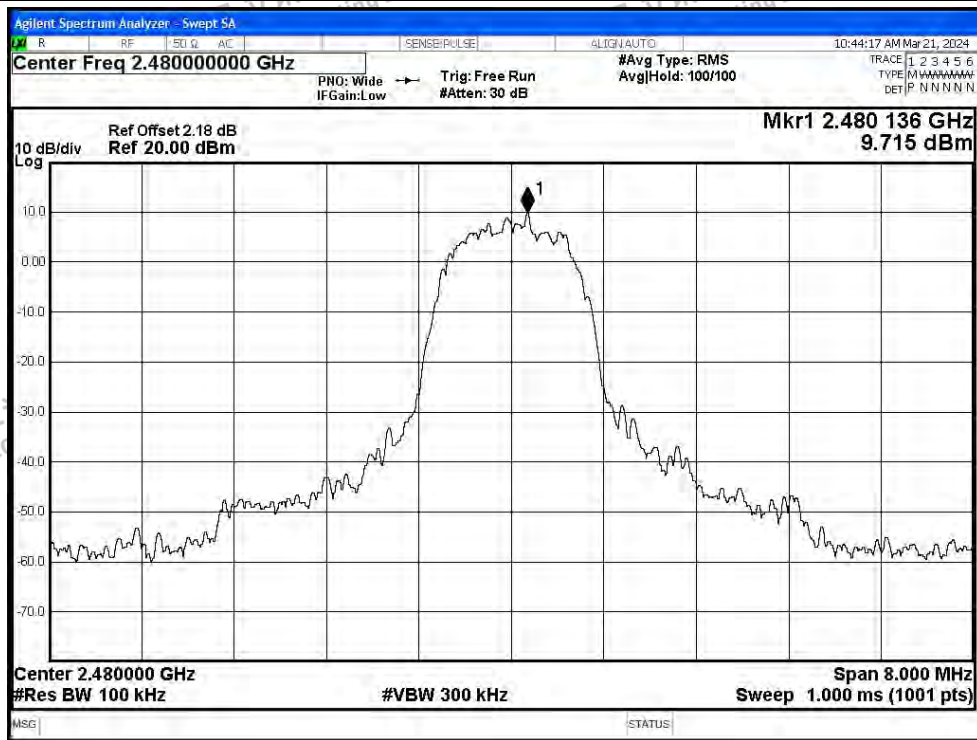


Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Emission

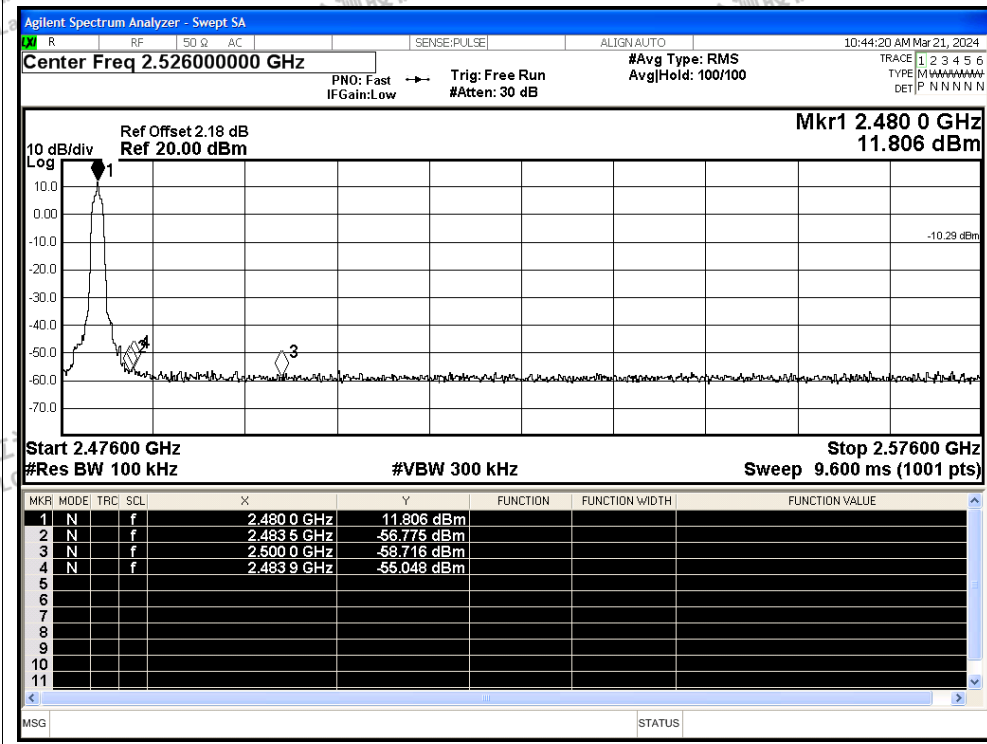




Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Emission





Right Ear:

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | No-Hopping | -56.05 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant | No-Hopping | -63.81 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | No-Hopping | -57.26 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant | No-Hopping | -65.38 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | No-Hopping | -52.85 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant | No-Hopping | -65.89 | -20 | Pass |

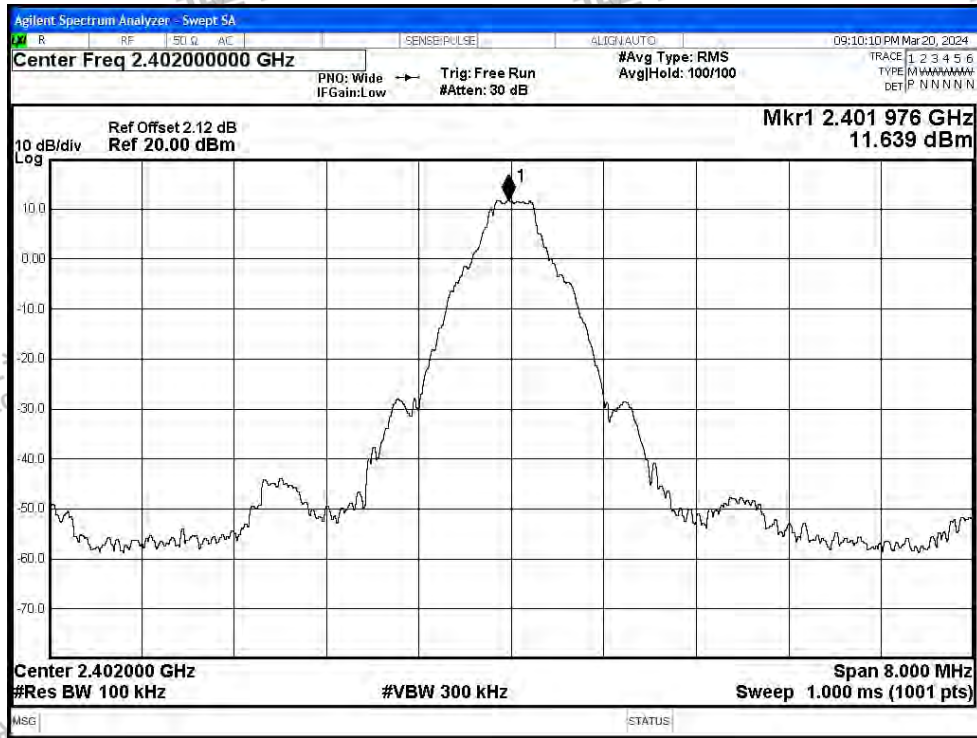


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 Scan code to check authenticity

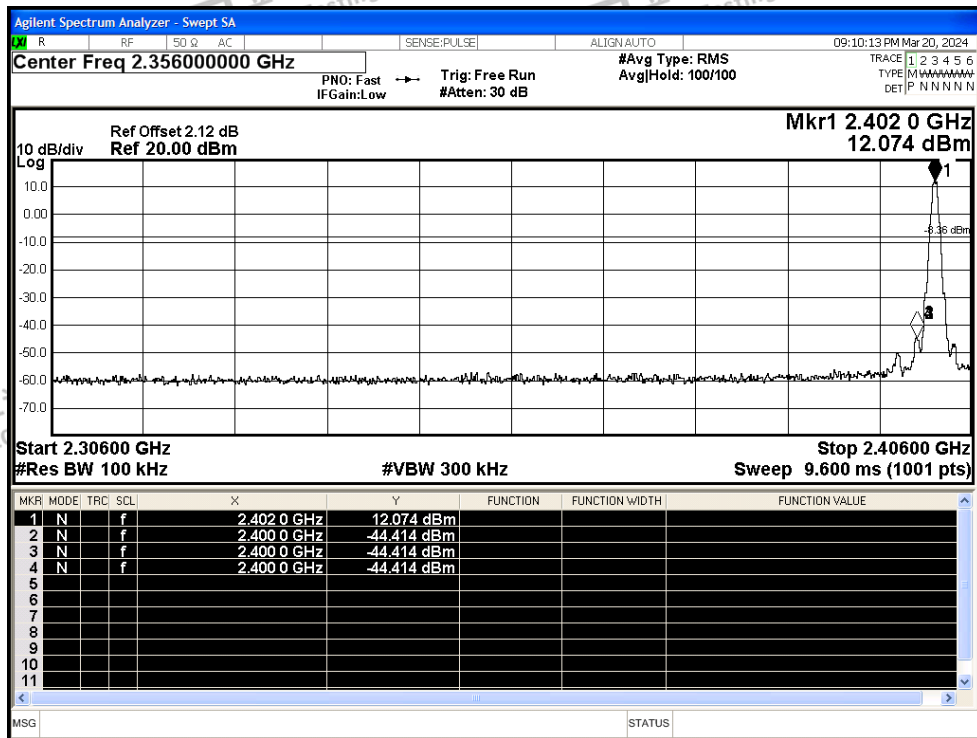


Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Ref

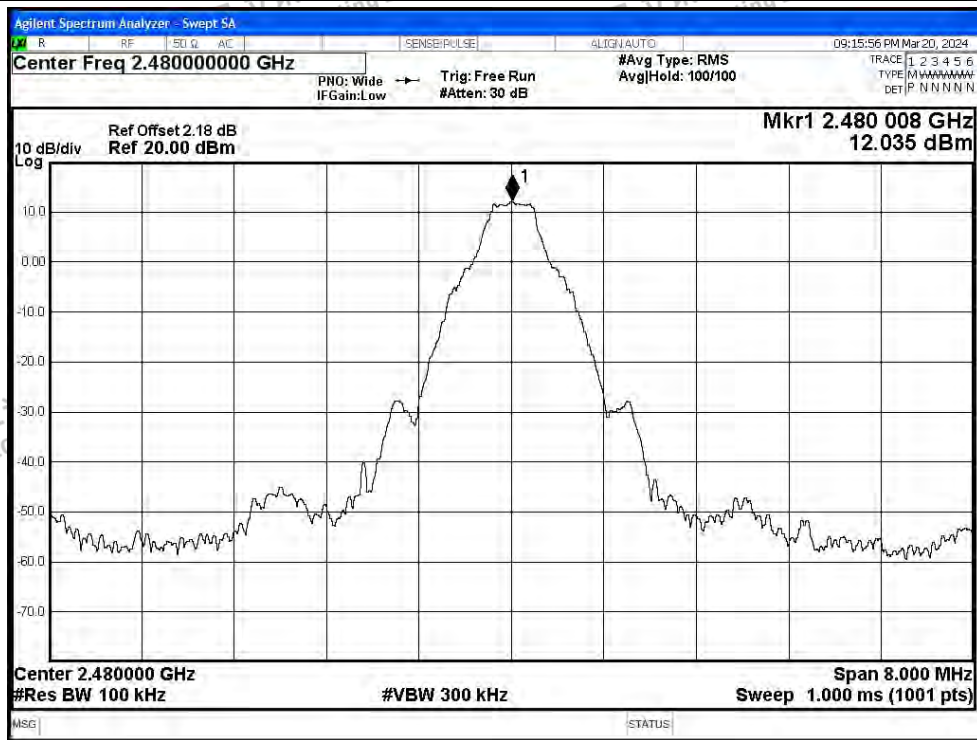


Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Emission

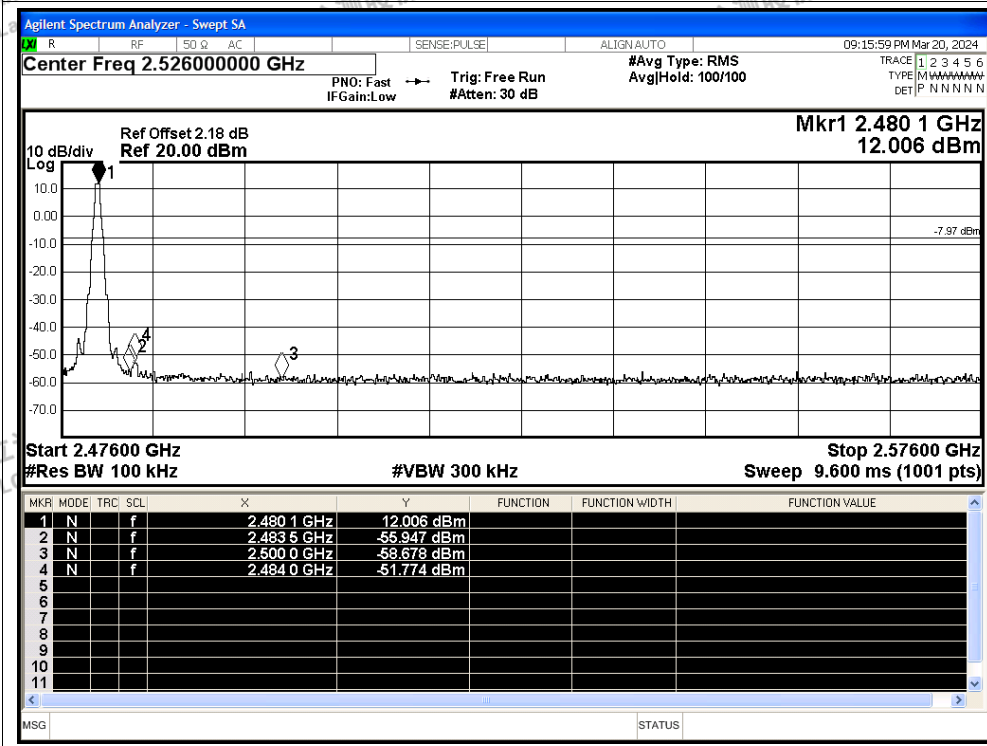




Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Ref

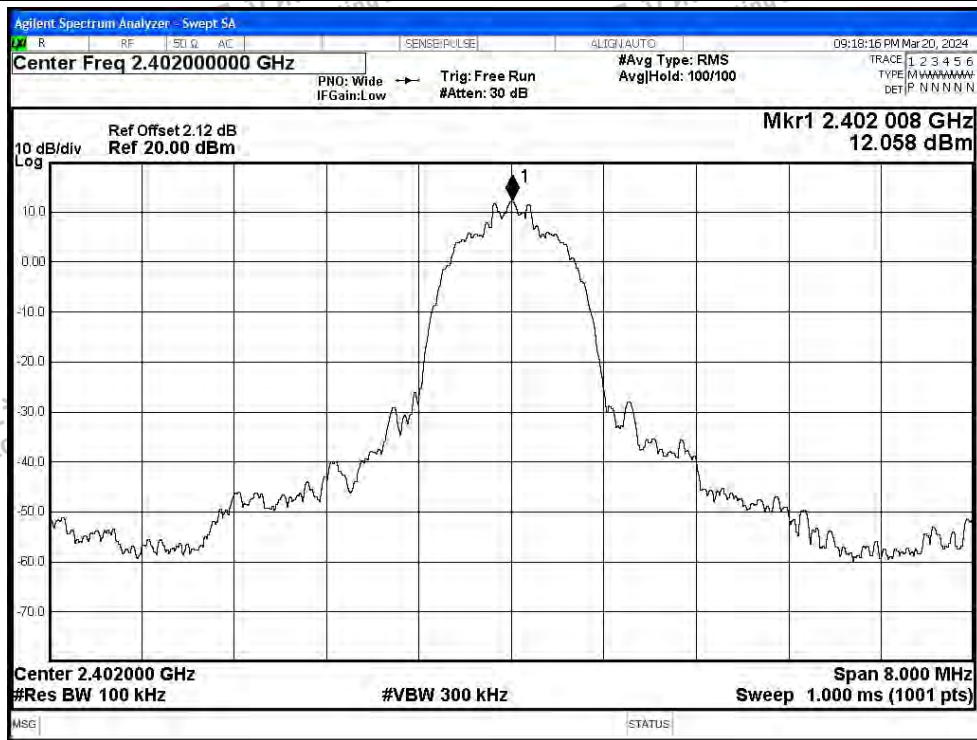


Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Emission

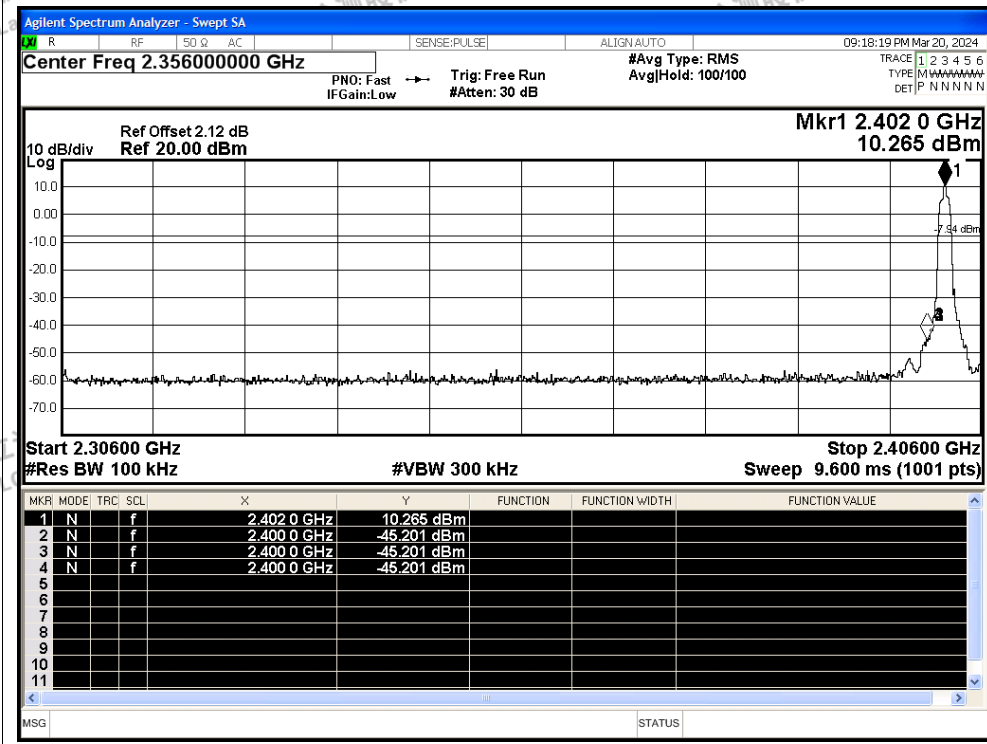




Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Ref

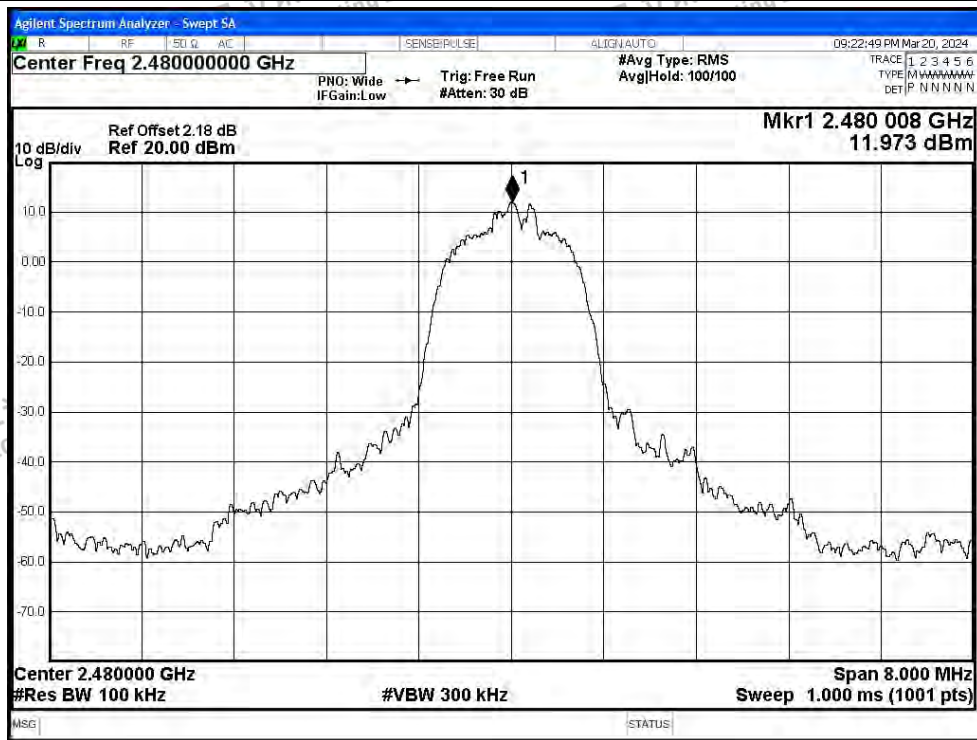


Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Emission

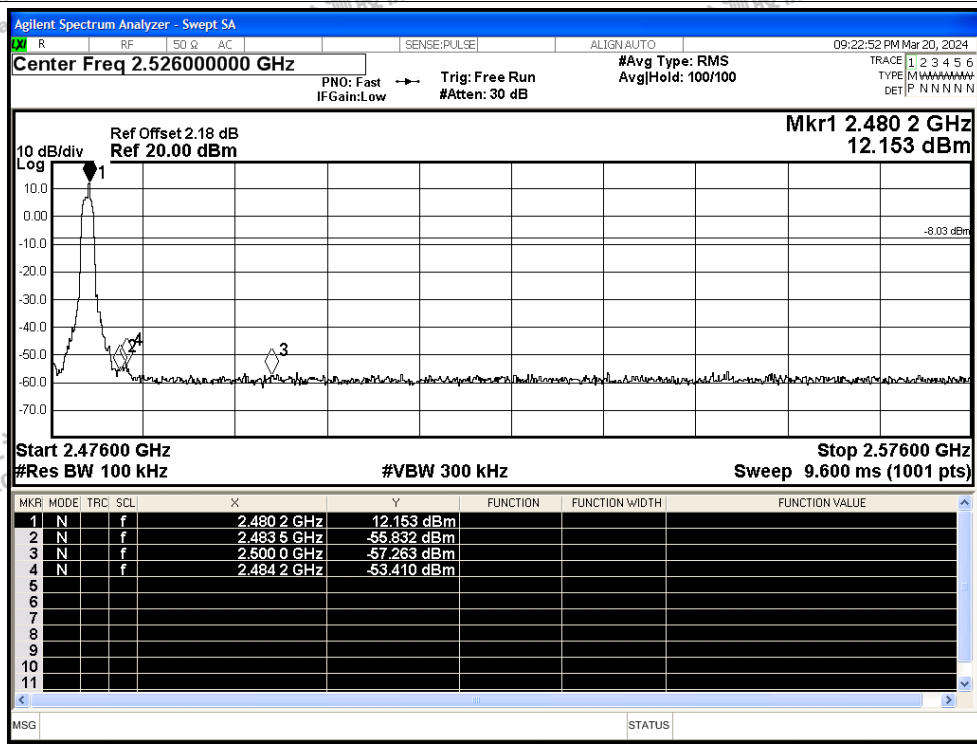




Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Ref

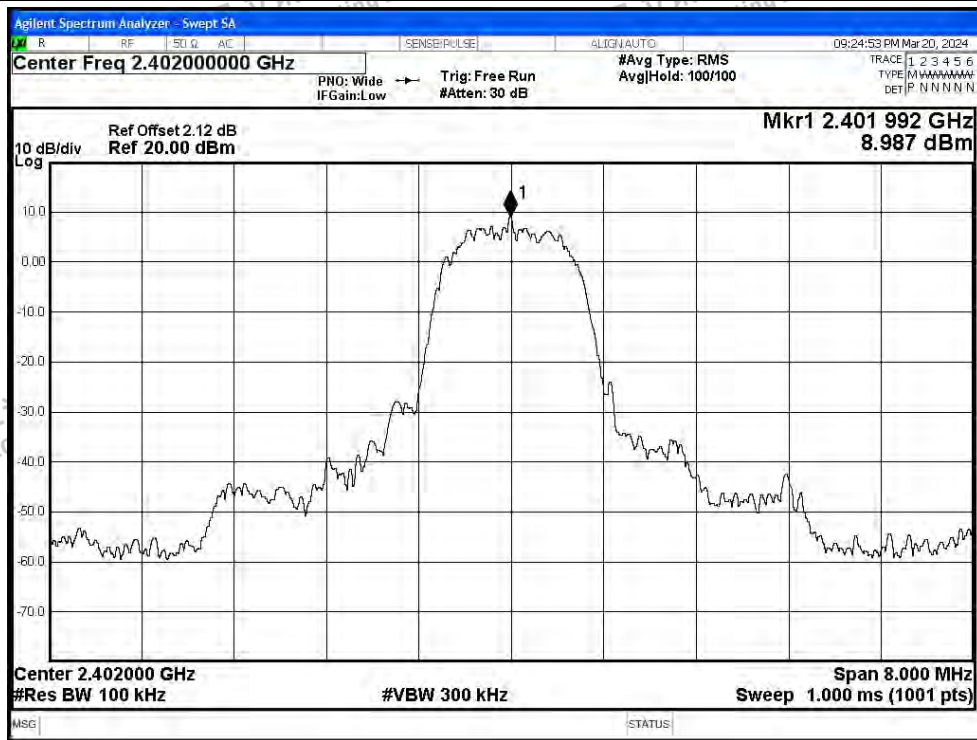


Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Emission

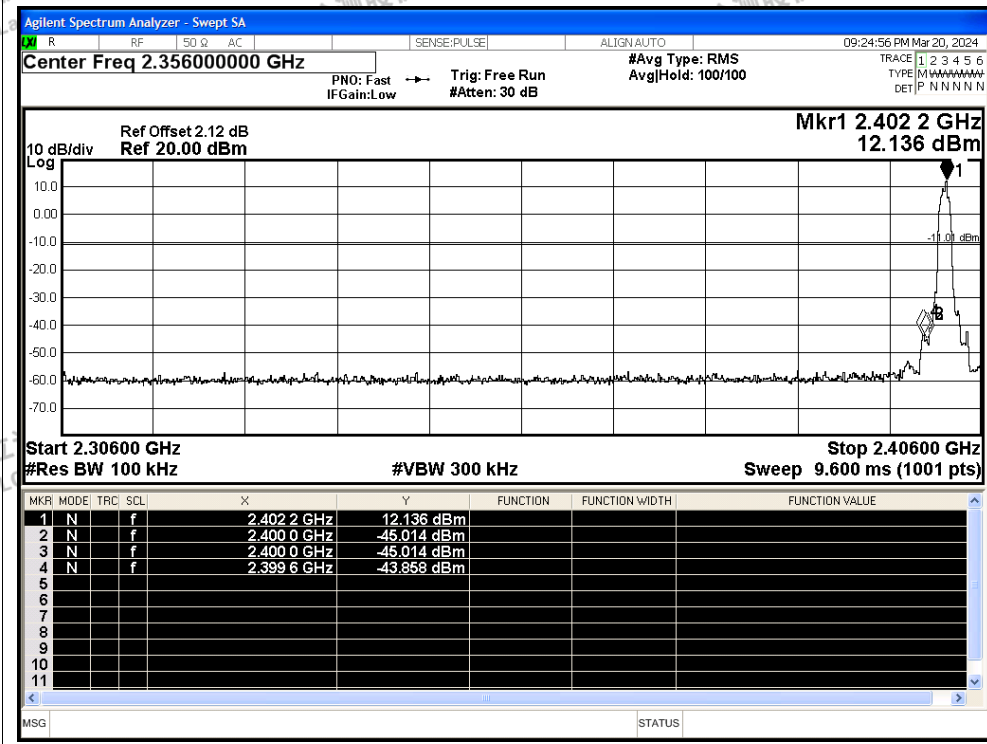




Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Ref

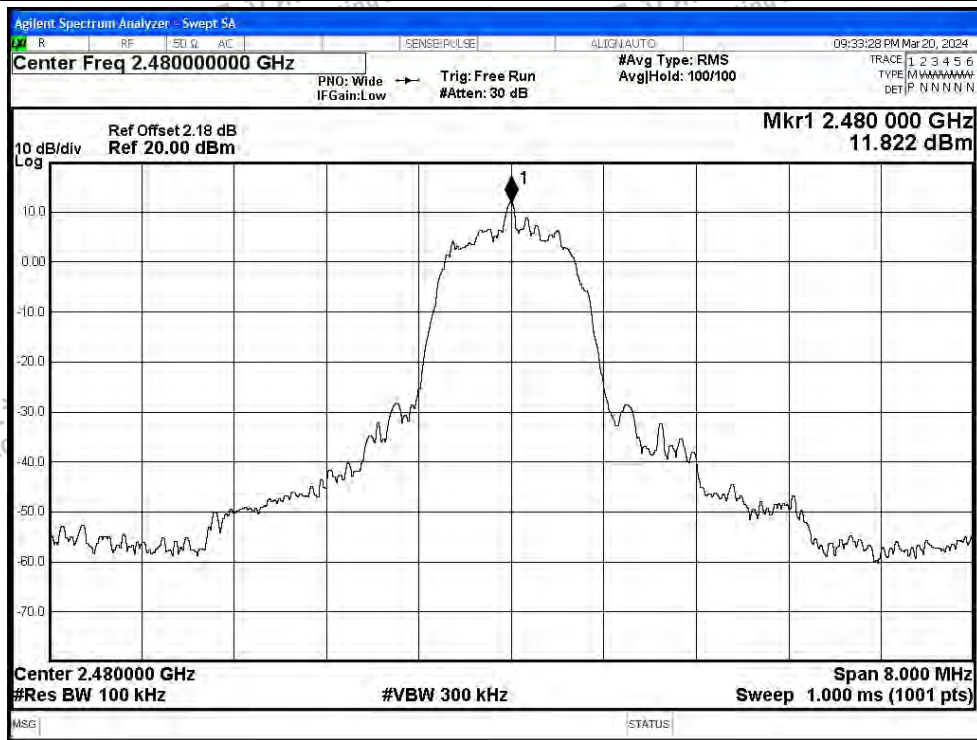


Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Emission

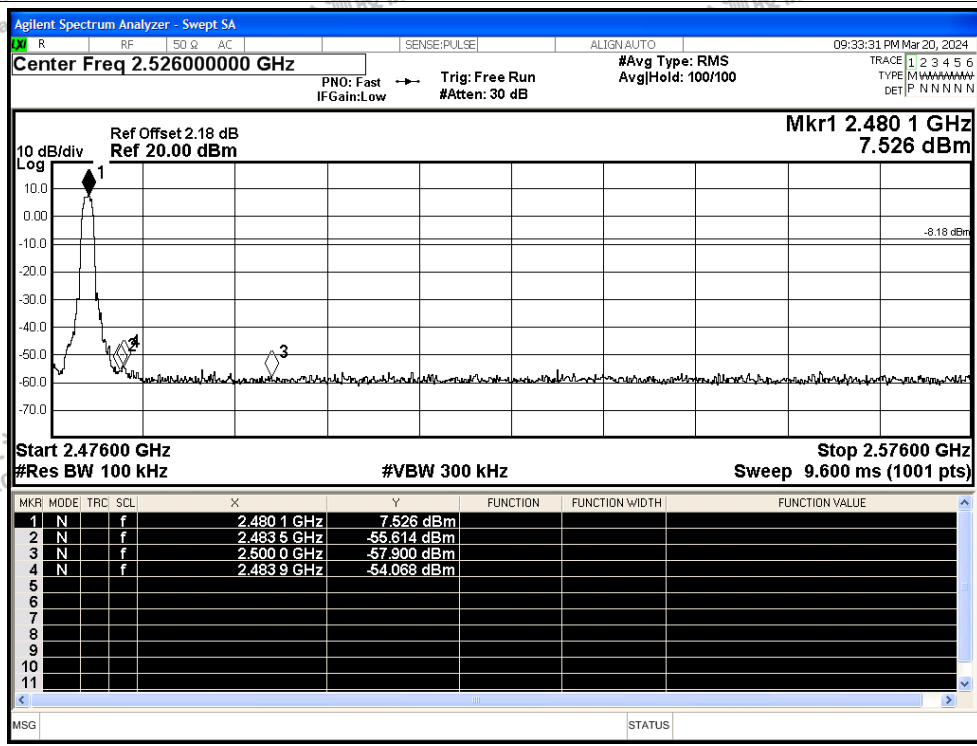




Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Emission





(Hopping)

Left Ear:

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | Ant | Hopping | -63.03 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant | Hopping | -65.33 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant | Hopping | -60.86 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant | Hopping | -65.77 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant | Hopping | -64.19 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant | Hopping | -67.25 | -20 | Pass |

