



## Appendix D

### RF Test Data for 5.2GWIFI (Conducted Measurement)

**Product Name: Edge Computer Box**

**Test Model: APC3576V2**

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.2°C    |
| Relative Humidity: | 54.3%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jerry Chu |
| Supervised by:     | Can Kun   |



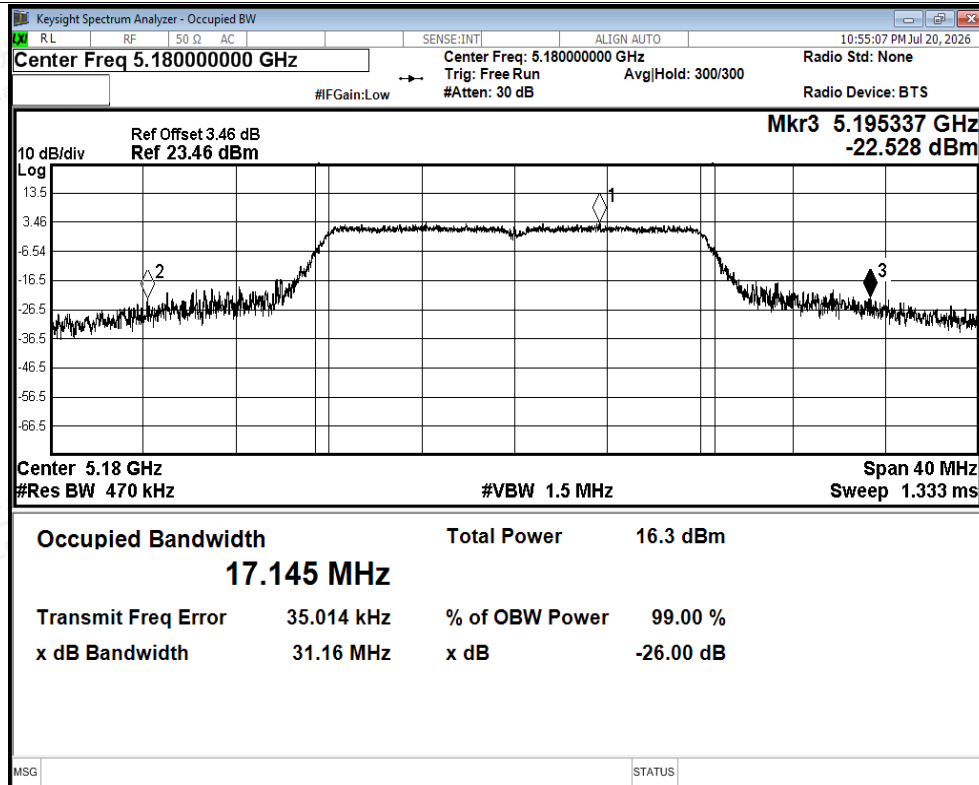
## D.1 -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5180            | Ant1    | 31.16                  |
| NVNT      | a    | 5200            | Ant1    | 28.47                  |
| NVNT      | a    | 5240            | Ant1    | 29.72                  |
| NVNT      | n20  | 5180            | Ant1    | 33.5                   |
| NVNT      | n20  | 5200            | Ant1    | 33.75                  |
| NVNT      | n20  | 5240            | Ant1    | 33.47                  |
| NVNT      | n40  | 5190            | Ant1    | 50.39                  |
| NVNT      | n40  | 5230            | Ant1    | 51.07                  |
| NVNT      | ac20 | 5180            | Ant1    | 31.42                  |
| NVNT      | ac20 | 5200            | Ant1    | 35.62                  |
| NVNT      | ac20 | 5240            | Ant1    | 34.31                  |
| NVNT      | ac40 | 5190            | Ant1    | 43.86                  |
| NVNT      | ac40 | 5230            | Ant1    | 44.6                   |
| NVNT      | ac80 | 5210            | Ant1    | 88.17                  |
| NVNT      | ax20 | 5180            | Ant1    | 31.21                  |
| NVNT      | ax20 | 5200            | Ant1    | 32.92                  |
| NVNT      | ax20 | 5240            | Ant1    | 34.14                  |
| NVNT      | ax40 | 5190            | Ant1    | 49.86                  |
| NVNT      | ax40 | 5230            | Ant1    | 42.81                  |
| NVNT      | ax80 | 5210            | Ant1    | 87.62                  |

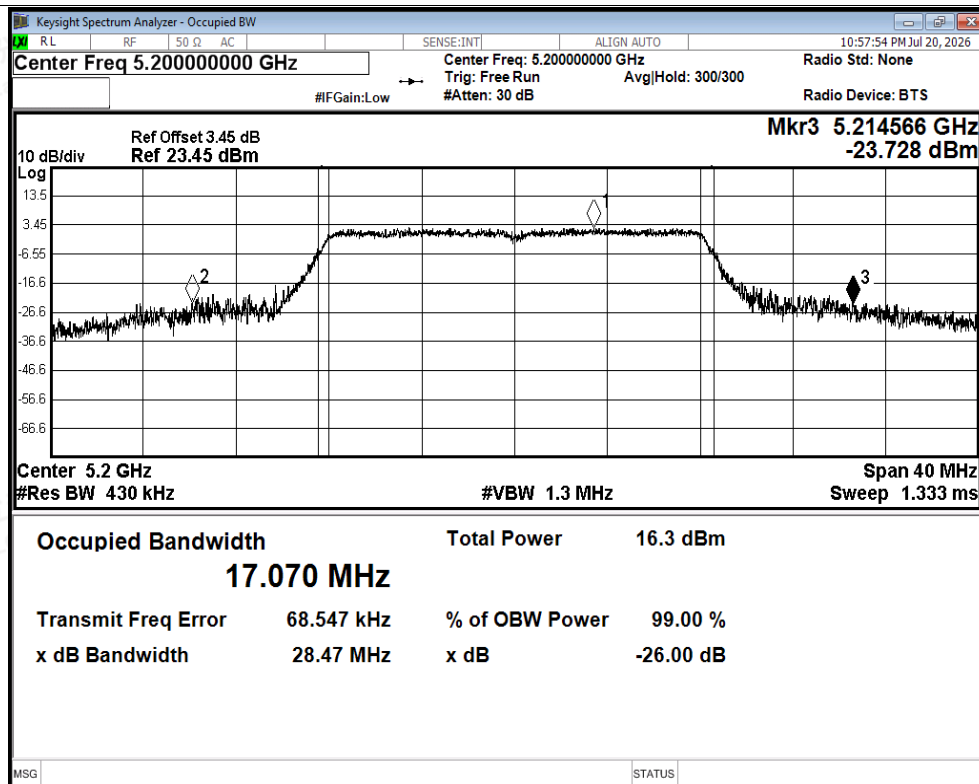
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-26dB Bandwidth NVNT a 5180MHz Ant1

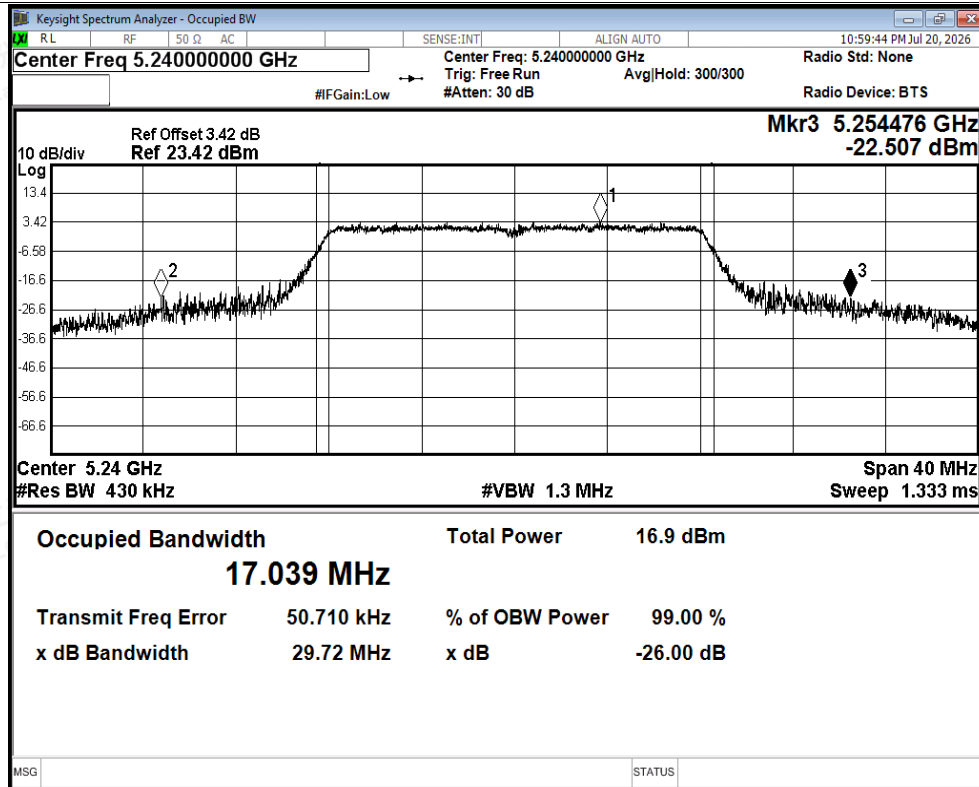


-26dB Bandwidth NVNT a 5200MHz Ant1

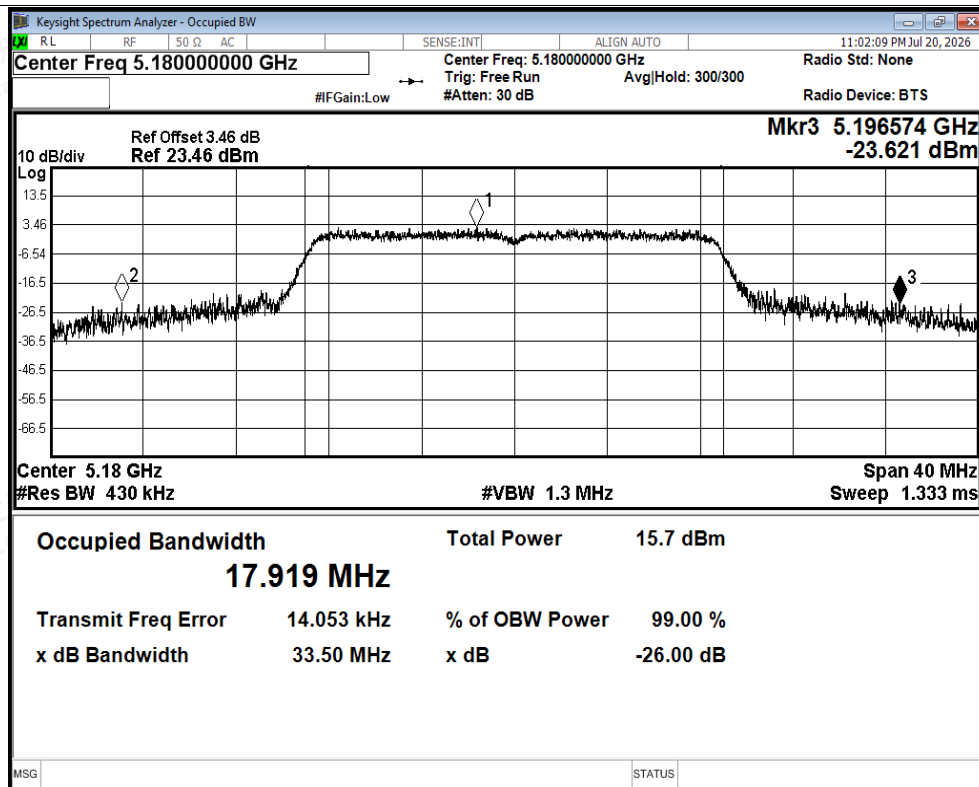
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-26dB Bandwidth NVNT a 5240MHz Ant1

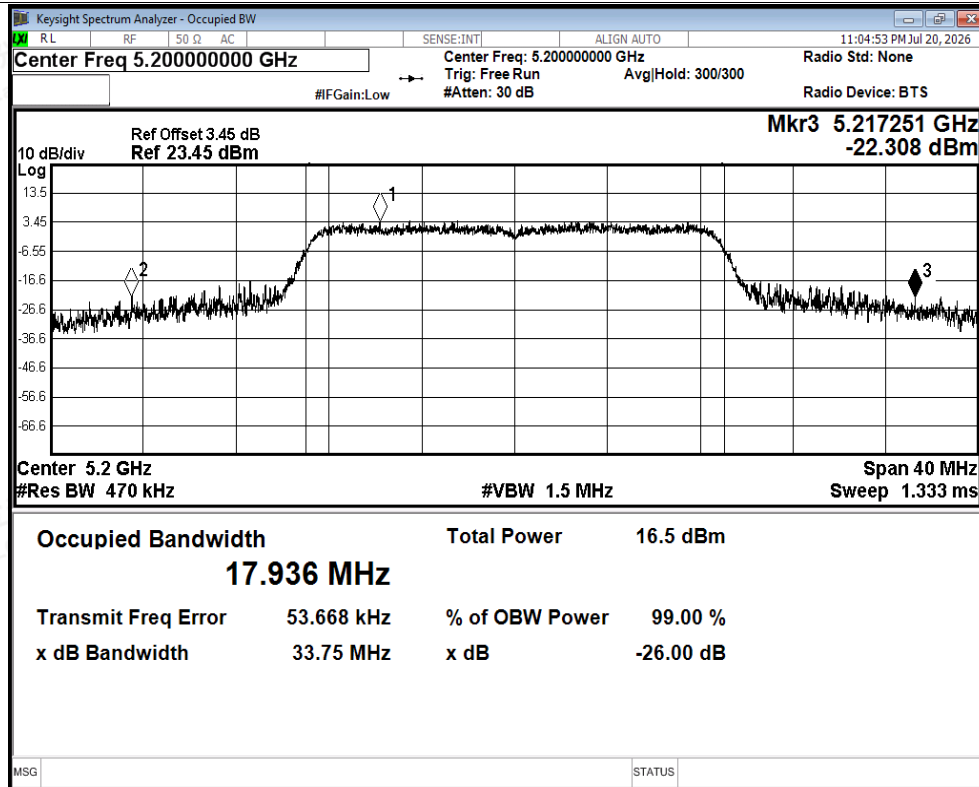


-26dB Bandwidth NVNT n20 5180MHz Ant1

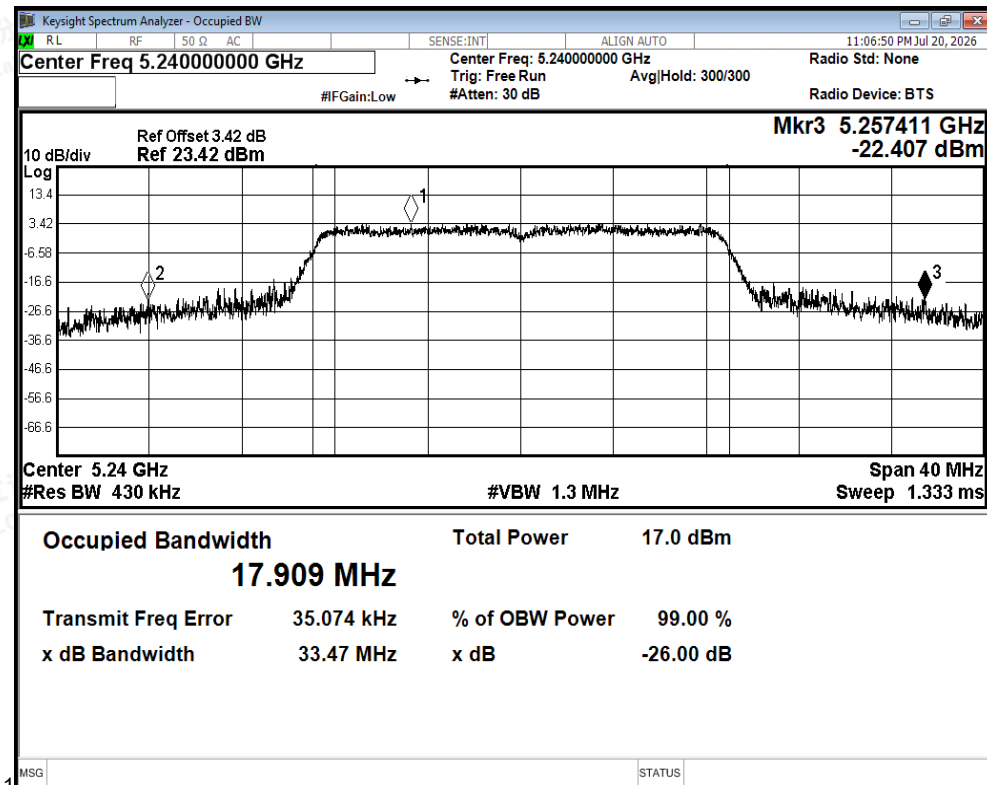
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-26dB Bandwidth NVNT n20 5200MHz Ant1

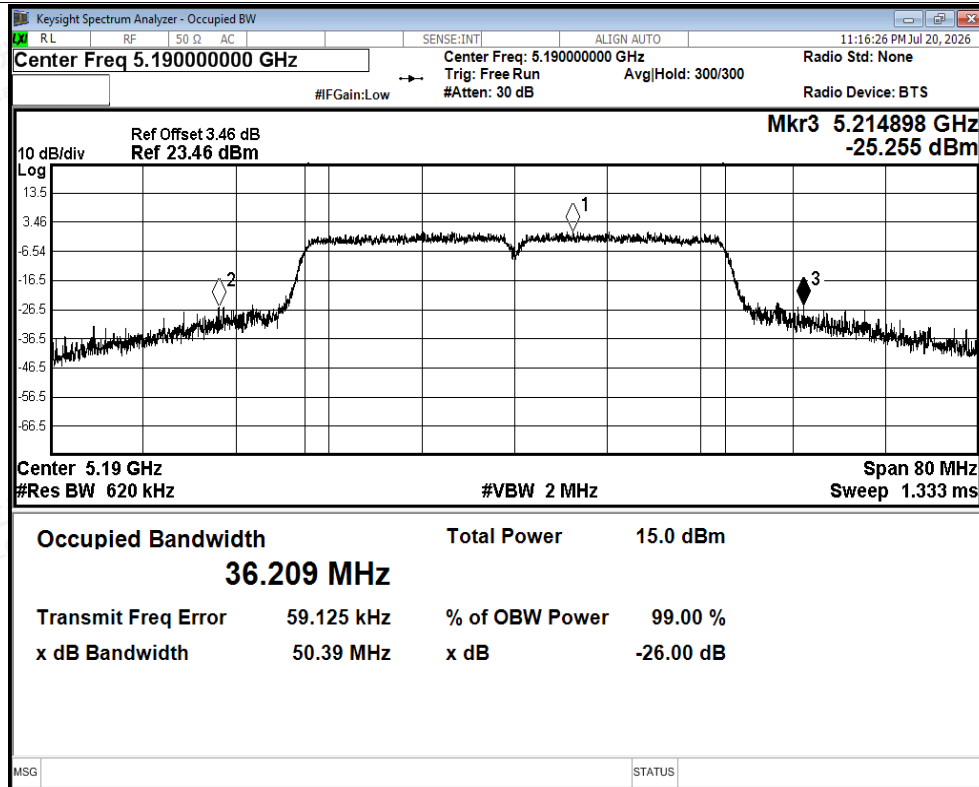


-26dB Bandwidth NVNT n20 5240MHz Ant1

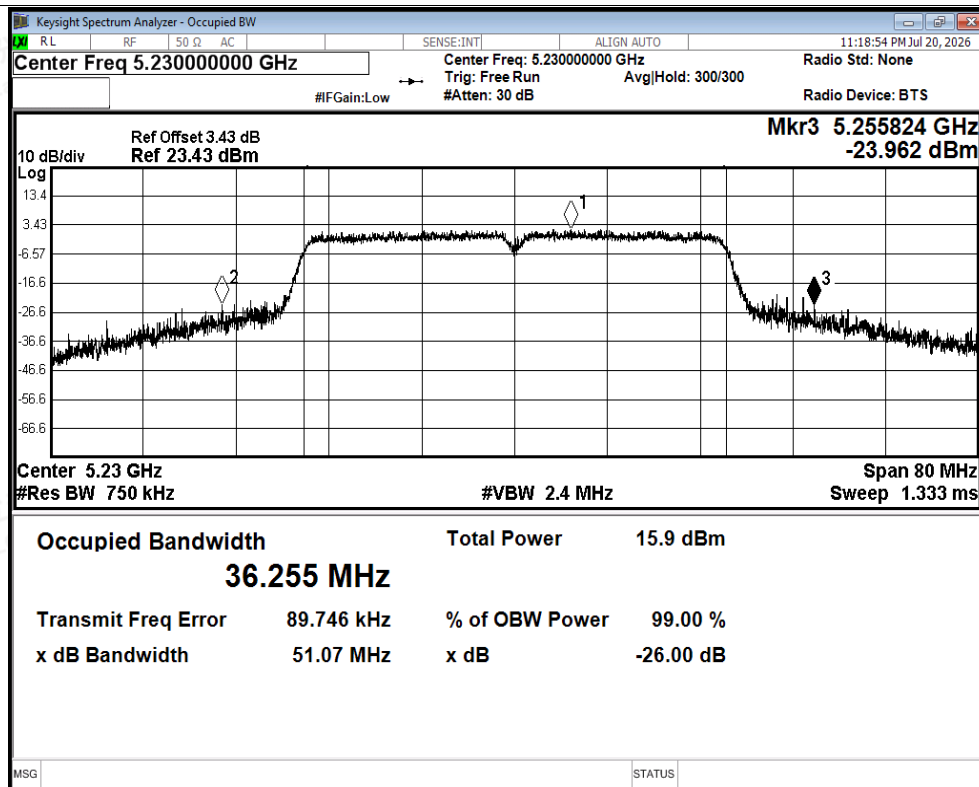
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-26dB Bandwidth NVNT n40 5190MHz Ant1

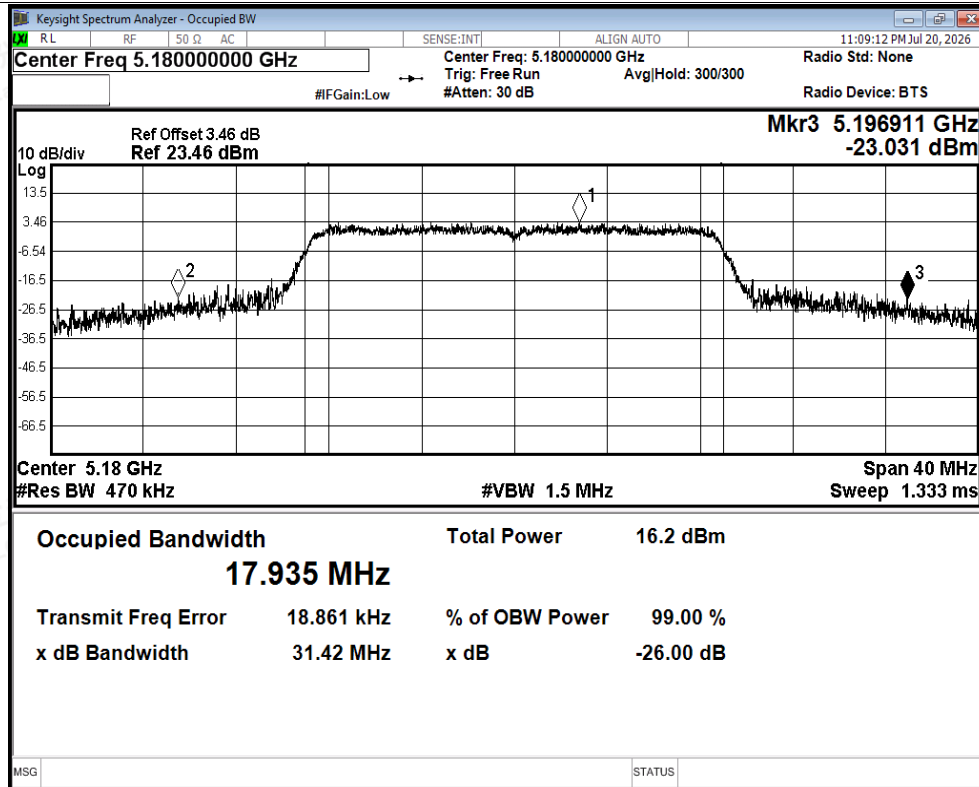


-26dB Bandwidth NVNT n40 5230MHz Ant1

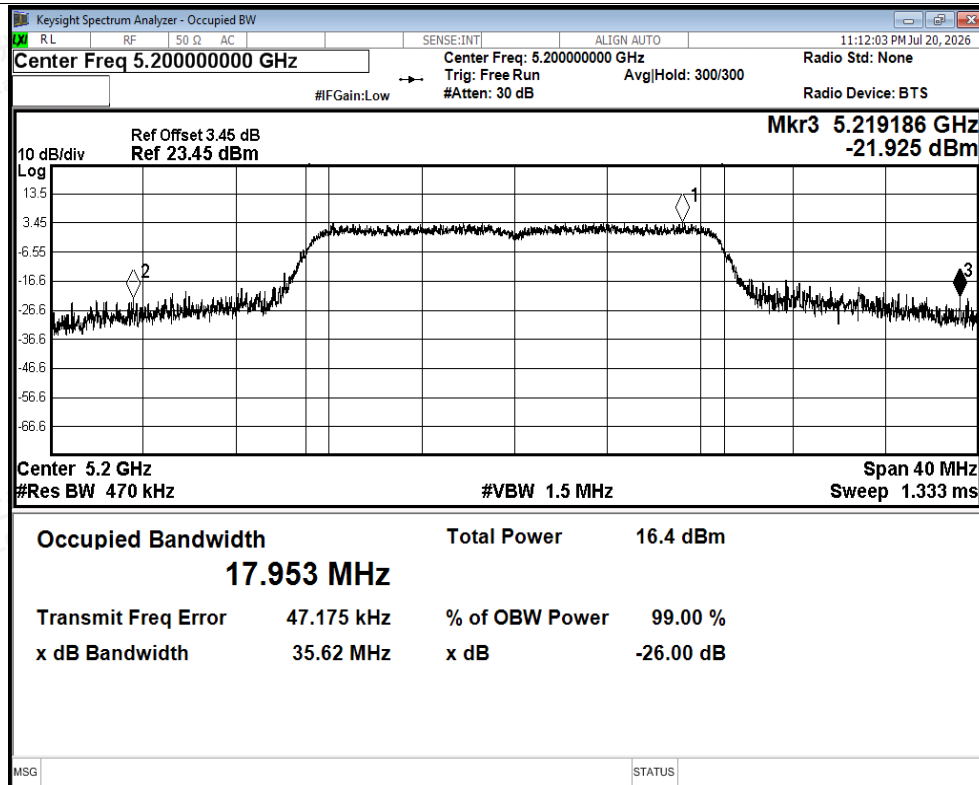
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-26dB Bandwidth NVNT ac20 5180MHz Ant1

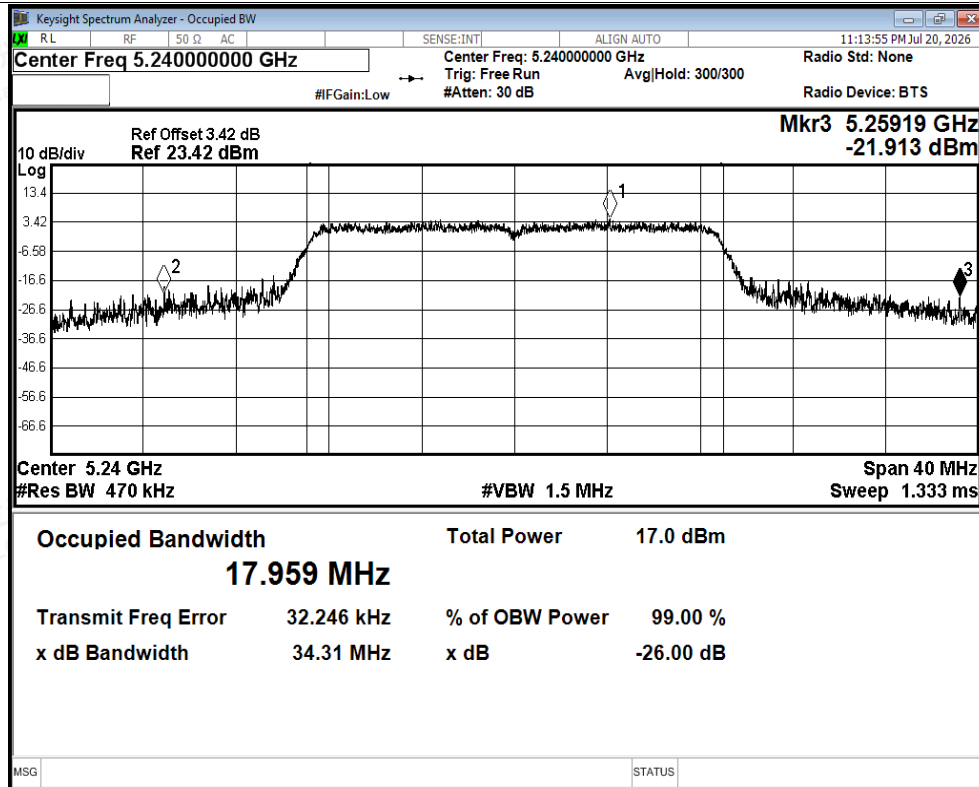


-26dB Bandwidth NVNT ac20 5200MHz Ant1

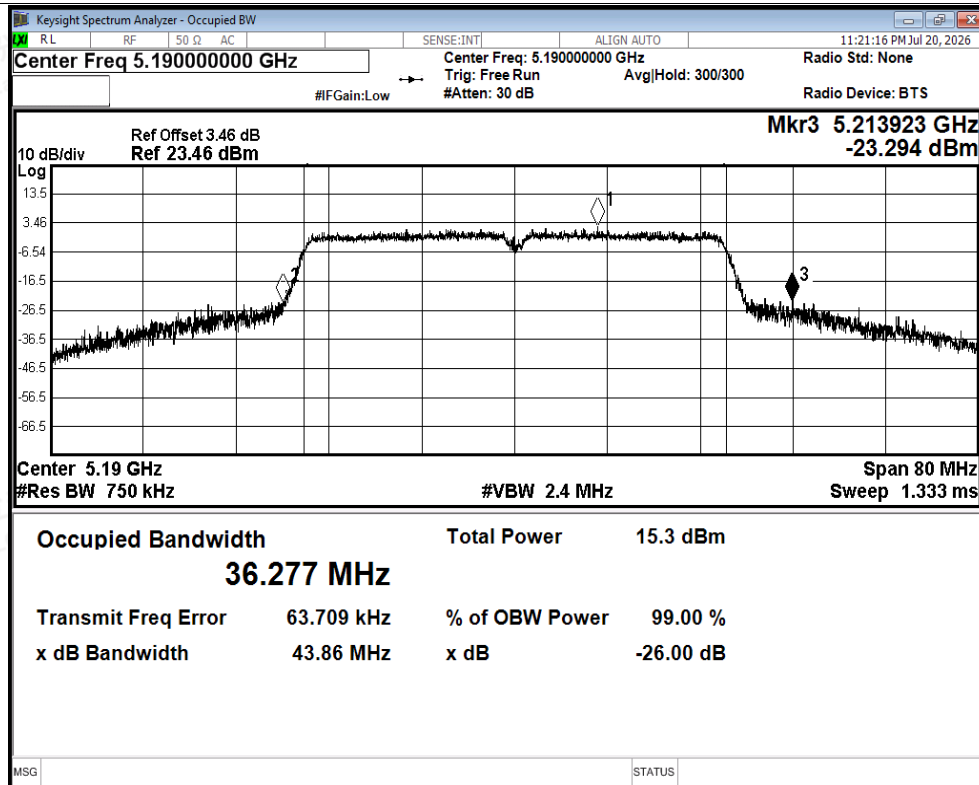
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-26dB Bandwidth NVNT ac20 5240MHz Ant1

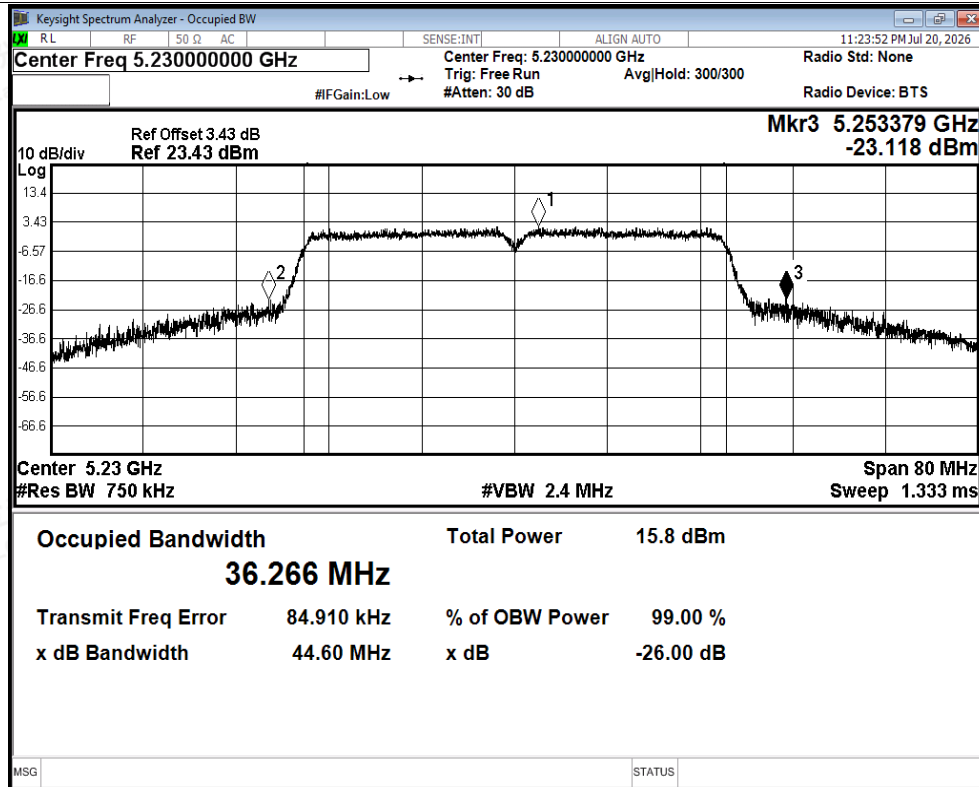


-26dB Bandwidth NVNT ac40 5190MHz Ant1

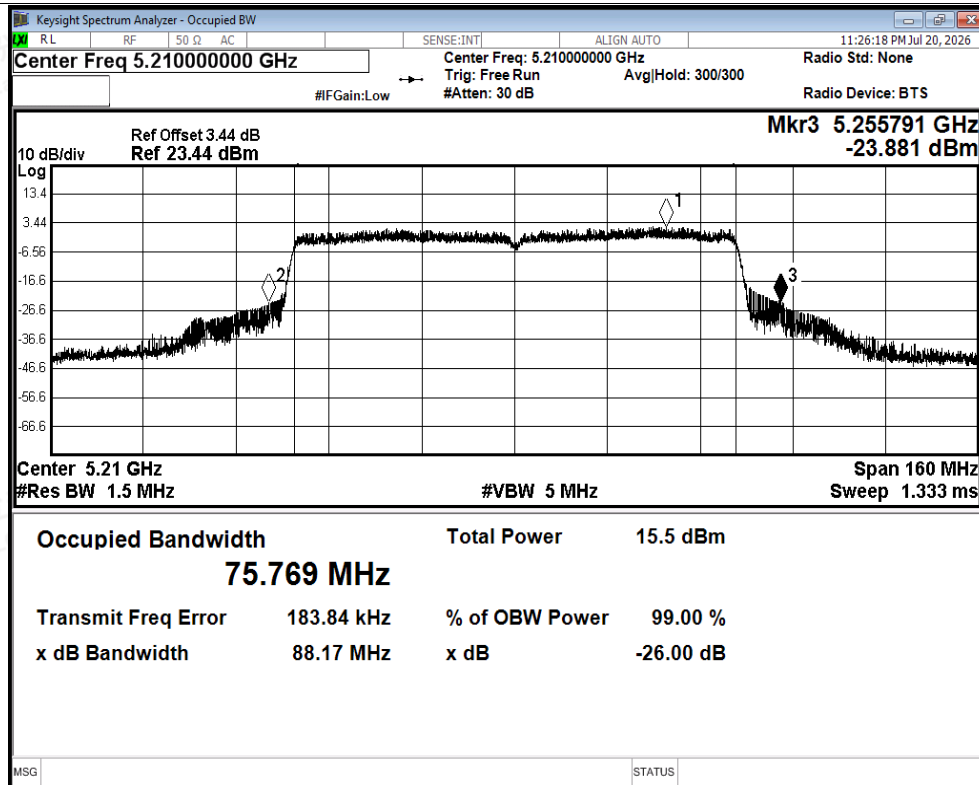
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-26dB Bandwidth NVNT ac40 5230MHz Ant1

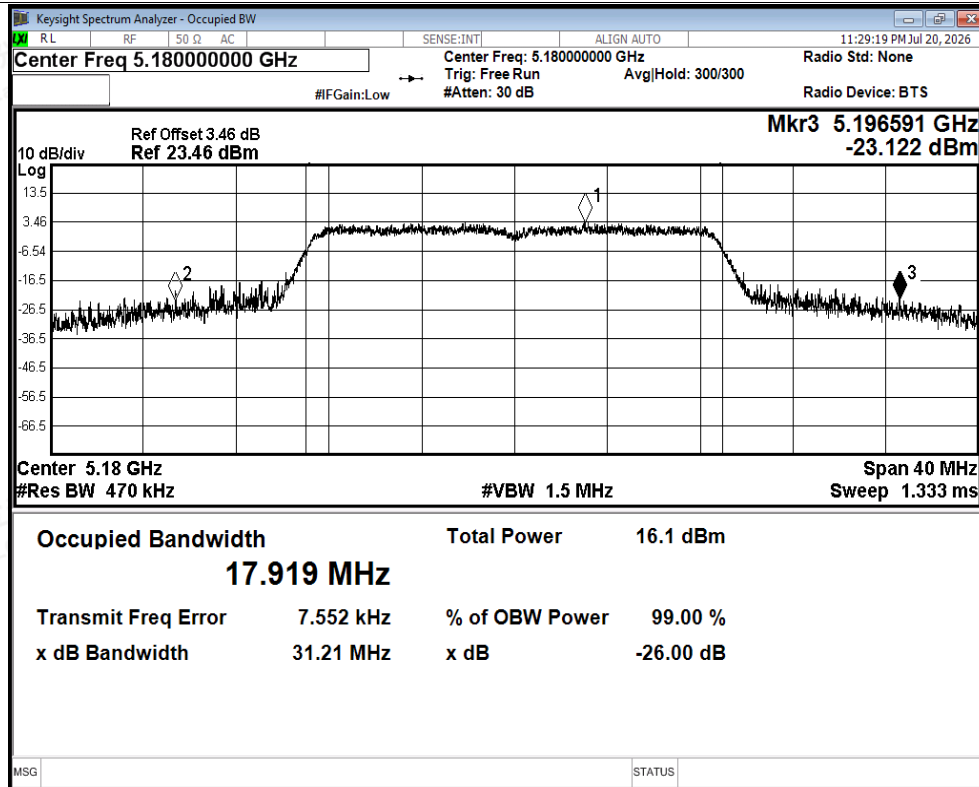


-26dB Bandwidth NVNT ac80 5210MHz Ant1

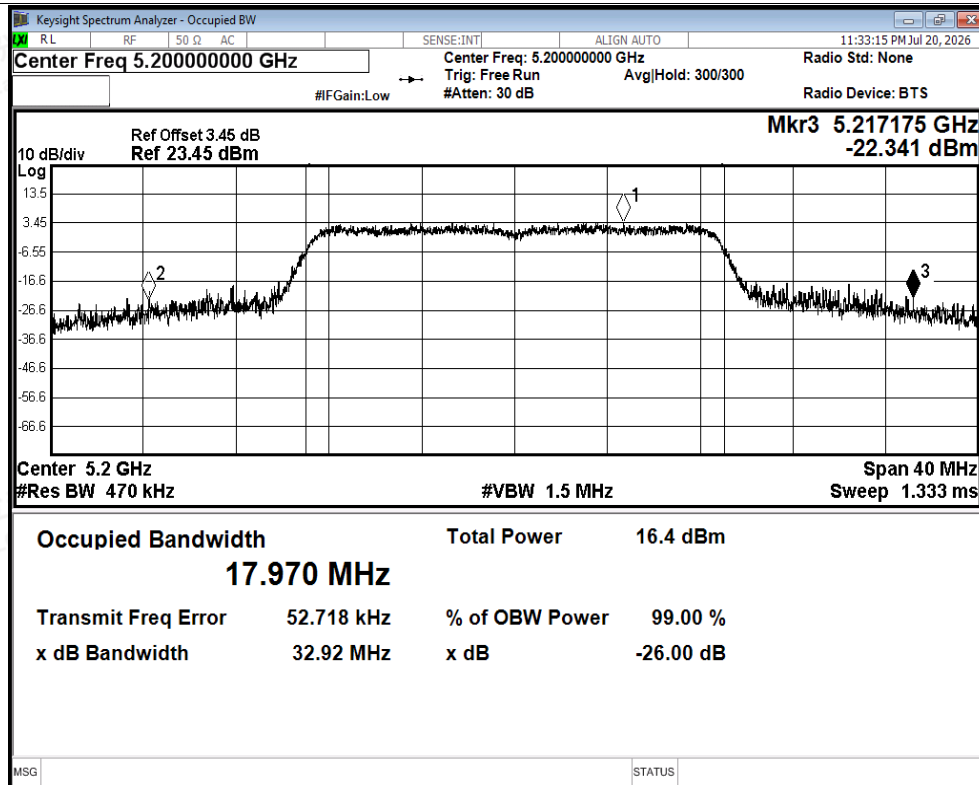
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-26dB Bandwidth NVNT ax20 5180MHz Ant1

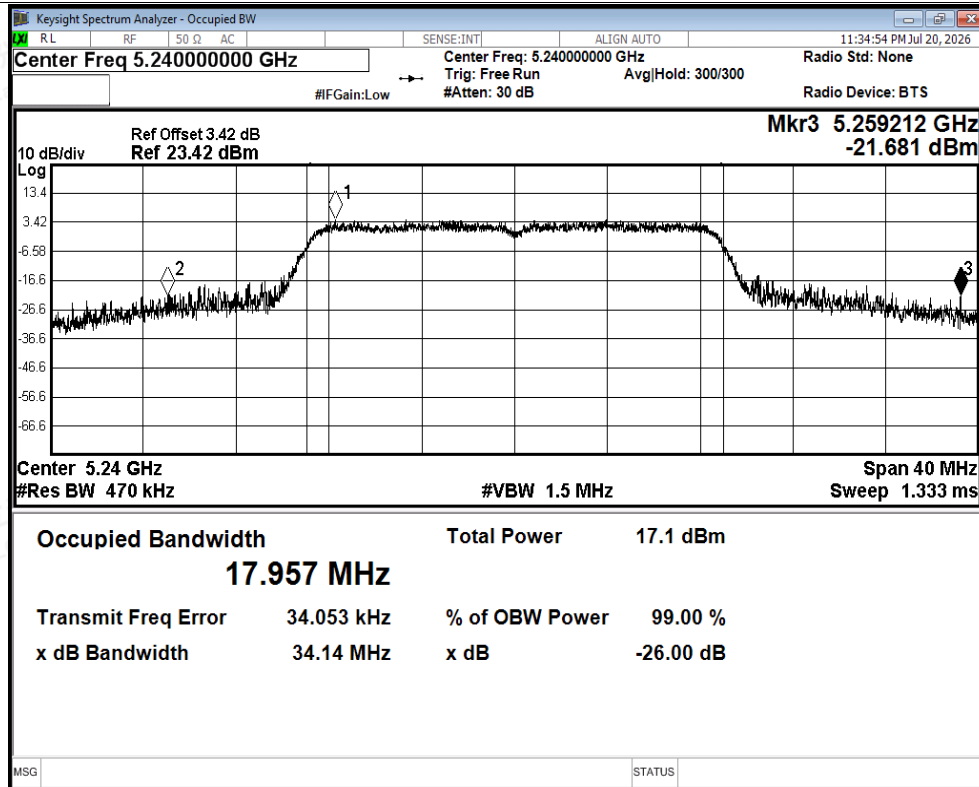


-26dB Bandwidth NVNT ax20 5200MHz Ant1

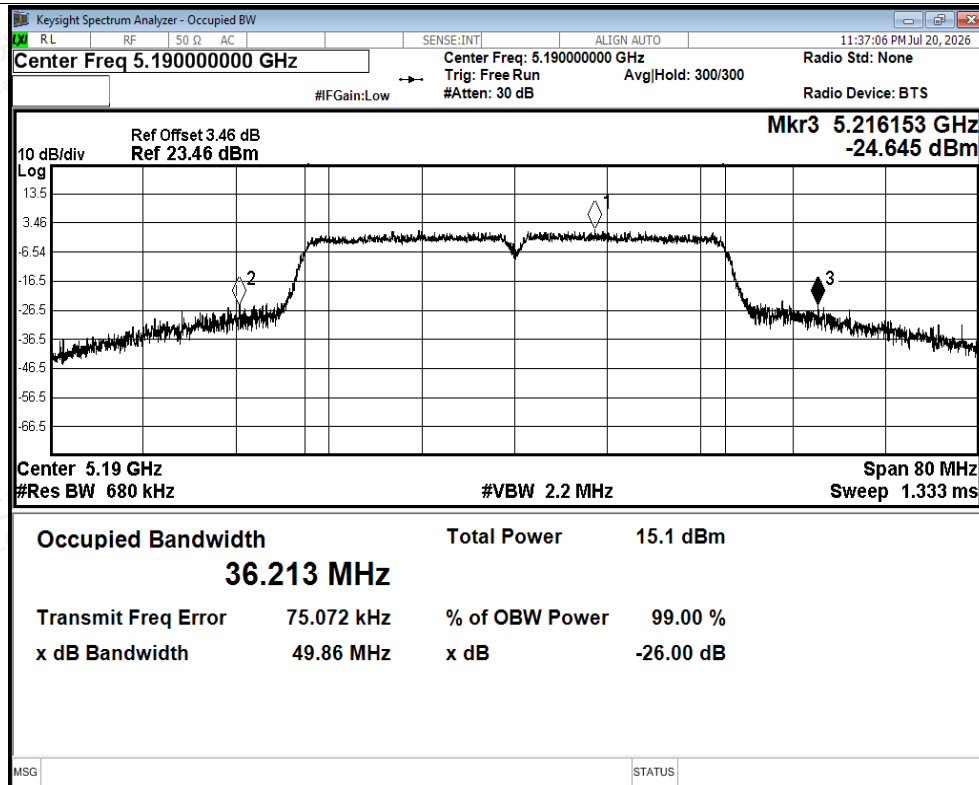
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-26dB Bandwidth NVNT ax20 5240MHz Ant1

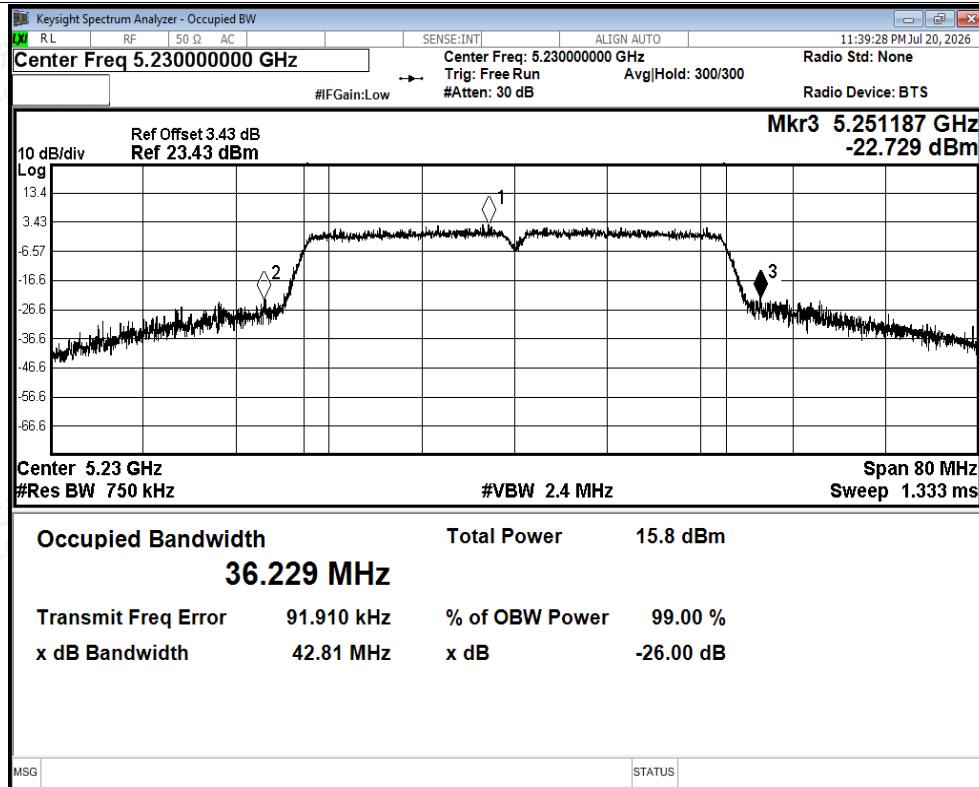


-26dB Bandwidth NVNT ax40 5190MHz Ant1

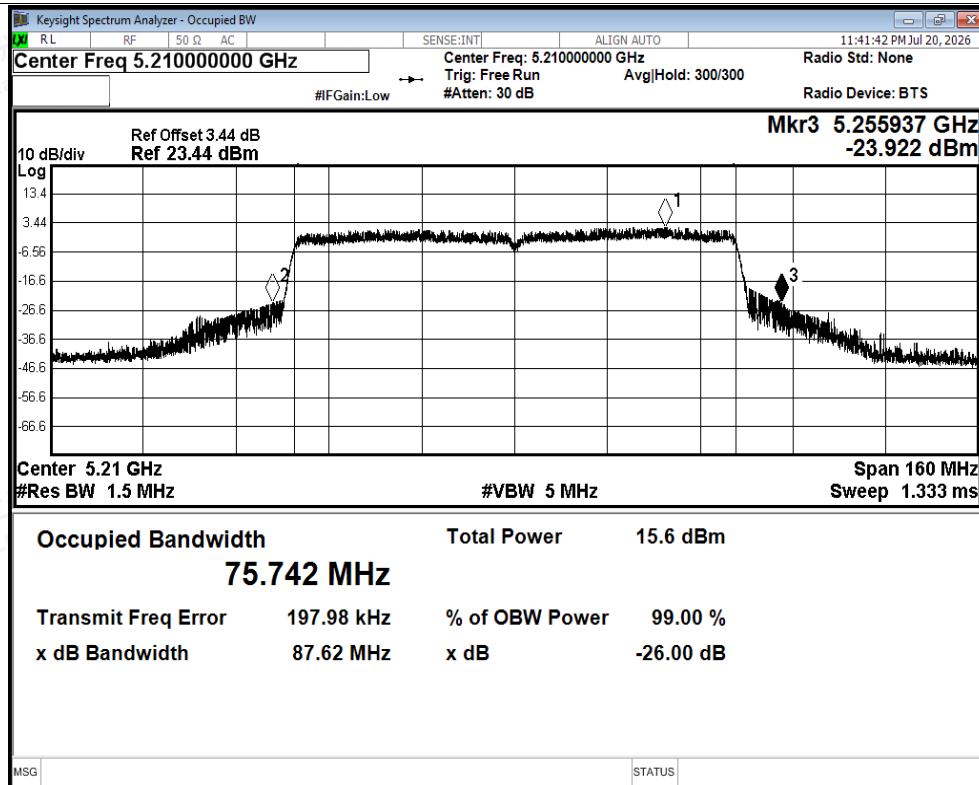
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-26dB Bandwidth NVNT ax40 5230MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant1

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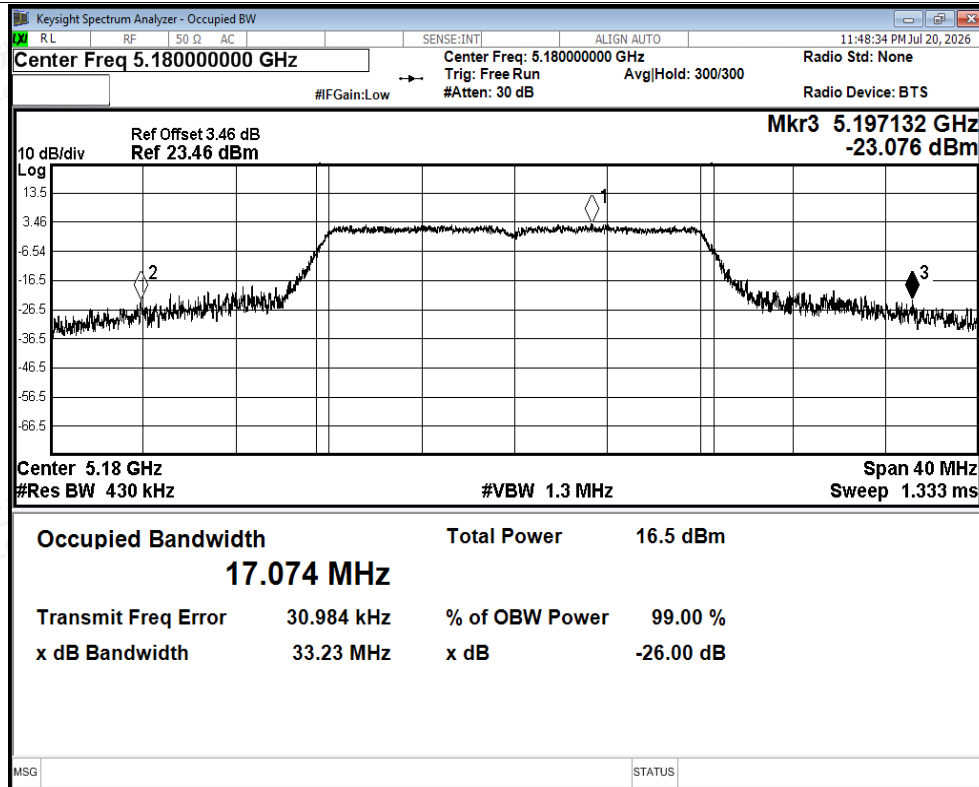


| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5180            | Ant2    | 33.23                  |
| NVNT      | a    | 5200            | Ant2    | 30.84                  |
| NVNT      | a    | 5240            | Ant2    | 28.59                  |
| NVNT      | n20  | 5180            | Ant2    | 33.22                  |
| NVNT      | n20  | 5200            | Ant2    | 31.75                  |
| NVNT      | n20  | 5240            | Ant2    | 31.9                   |
| NVNT      | n40  | 5190            | Ant2    | 44.97                  |
| NVNT      | n40  | 5230            | Ant2    | 45.78                  |
| NVNT      | ac20 | 5180            | Ant2    | 31.26                  |
| NVNT      | ac20 | 5200            | Ant2    | 33.44                  |
| NVNT      | ac20 | 5240            | Ant2    | 33.23                  |
| NVNT      | ac40 | 5190            | Ant2    | 45.58                  |
| NVNT      | ac40 | 5230            | Ant2    | 45.06                  |
| NVNT      | ac80 | 5210            | Ant2    | 86.1                   |
| NVNT      | ax20 | 5180            | Ant2    | 32.1                   |
| NVNT      | ax20 | 5200            | Ant2    | 32.01                  |
| NVNT      | ax20 | 5240            | Ant2    | 30.43                  |
| NVNT      | ax40 | 5190            | Ant2    | 43.96                  |
| NVNT      | ax40 | 5230            | Ant2    | 47.36                  |
| NVNT      | ax80 | 5210            | Ant2    | 87.73                  |

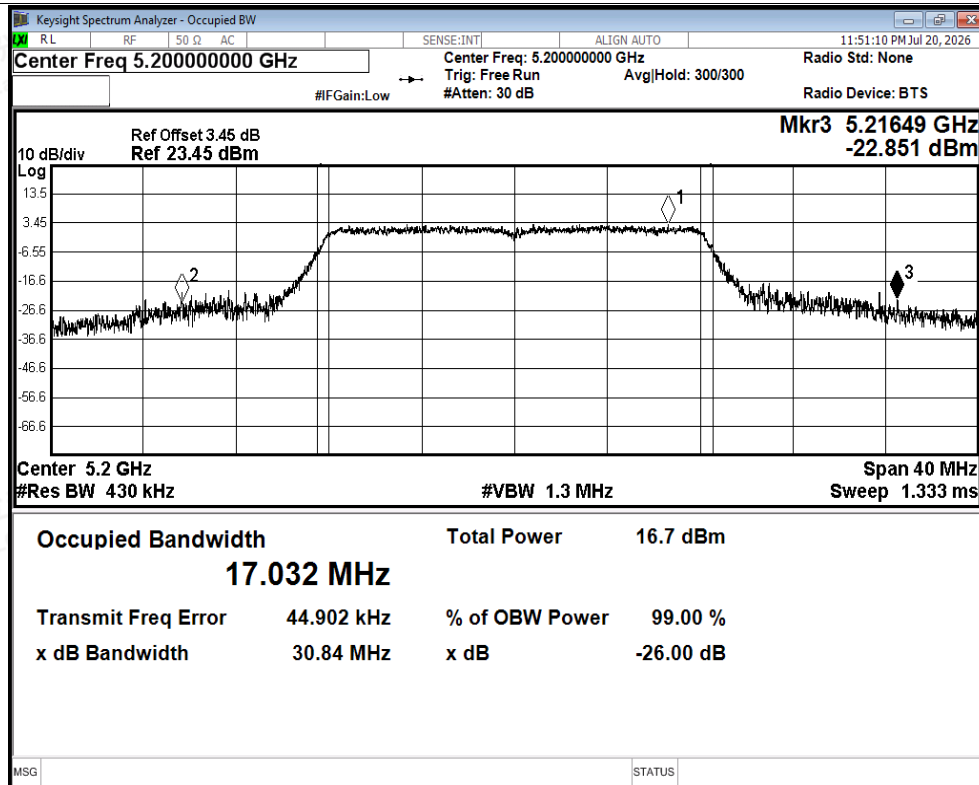
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-26dB Bandwidth NVNT a 5180MHz Ant2

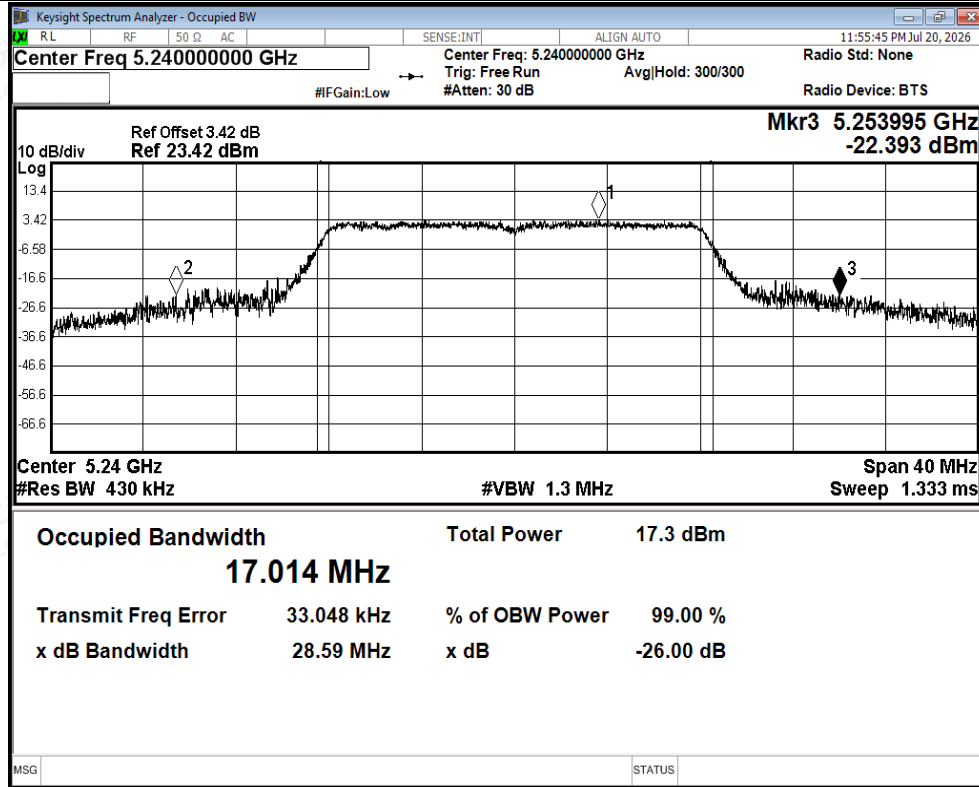


-26dB Bandwidth NVNT a 5200MHz Ant2

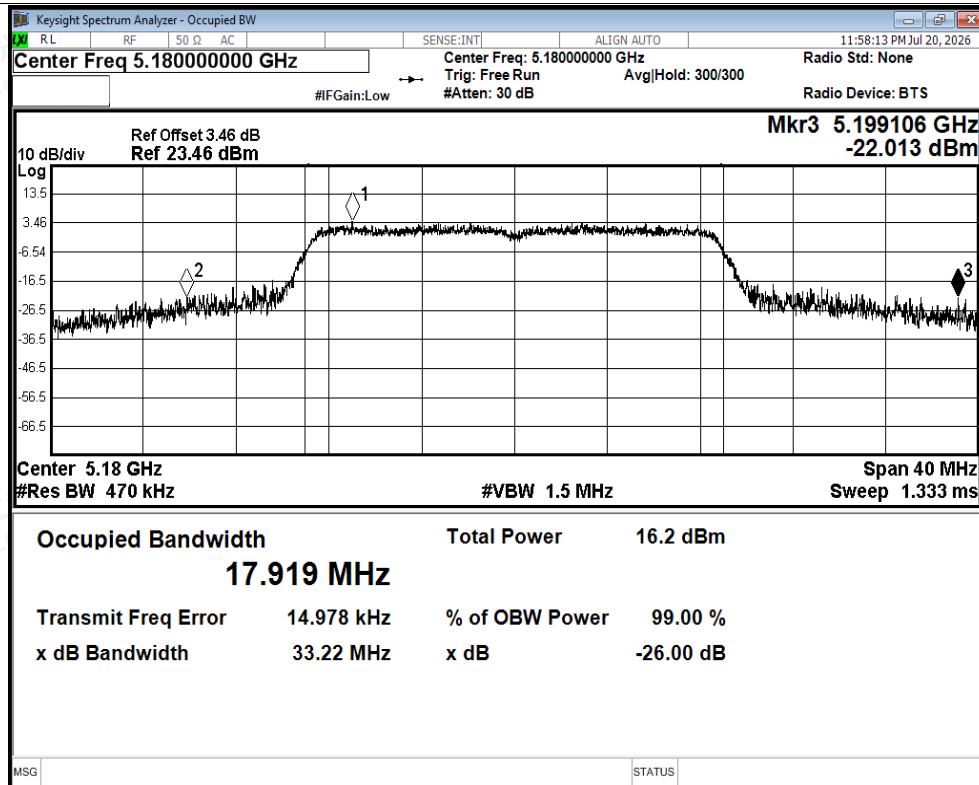
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-26dB Bandwidth NVNT a 5240MHz Ant2

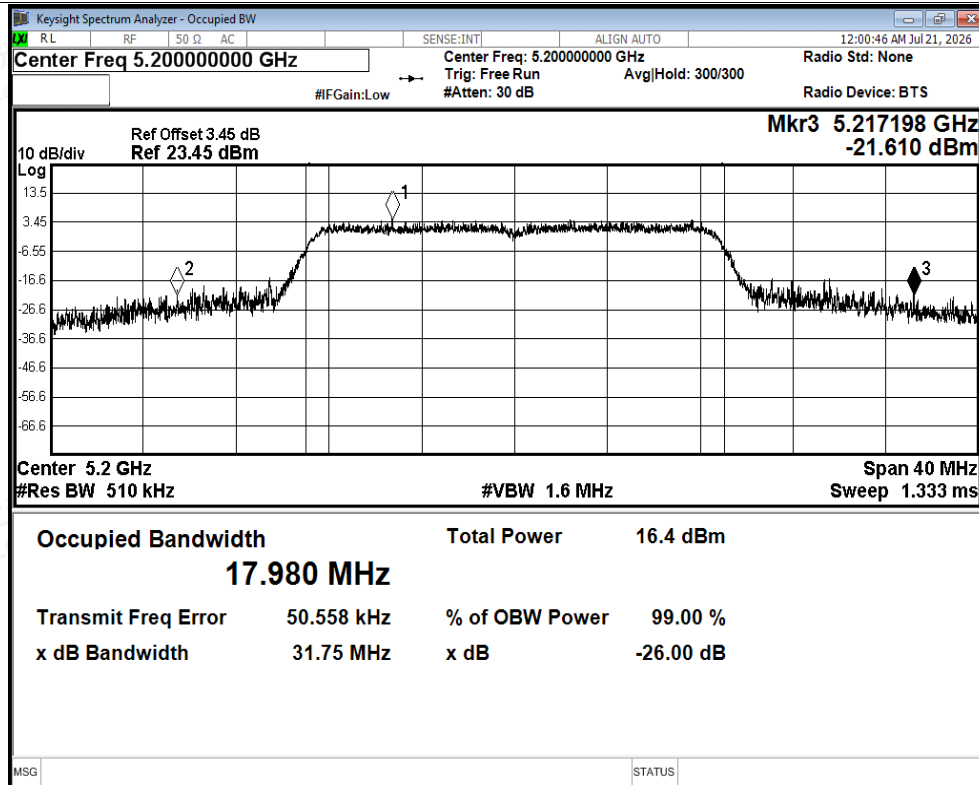


-26dB Bandwidth NVNT n20 5180MHz Ant2

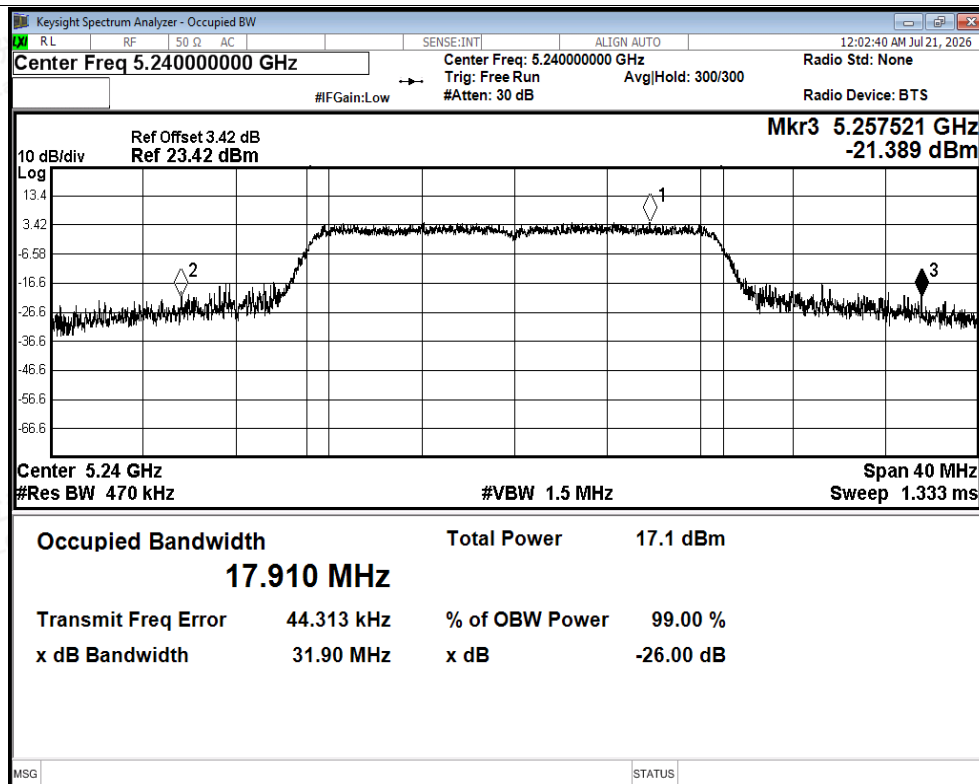
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-26dB Bandwidth NVNT n20 5200MHz Ant2

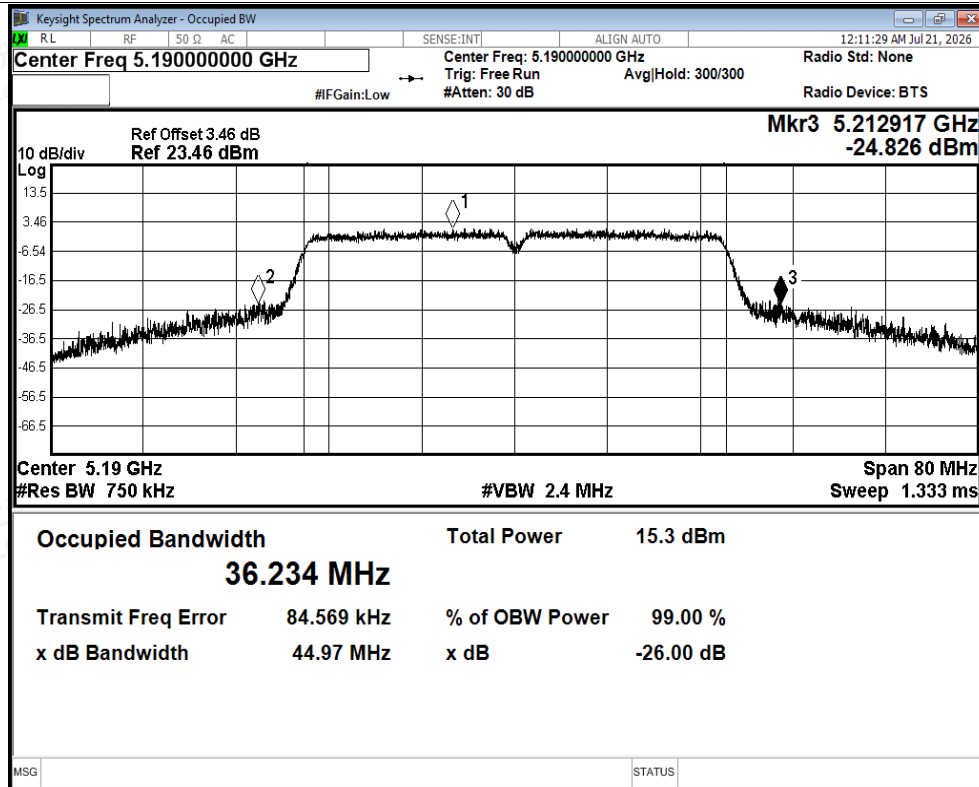


-26dB Bandwidth NVNT n20 5240MHz Ant2

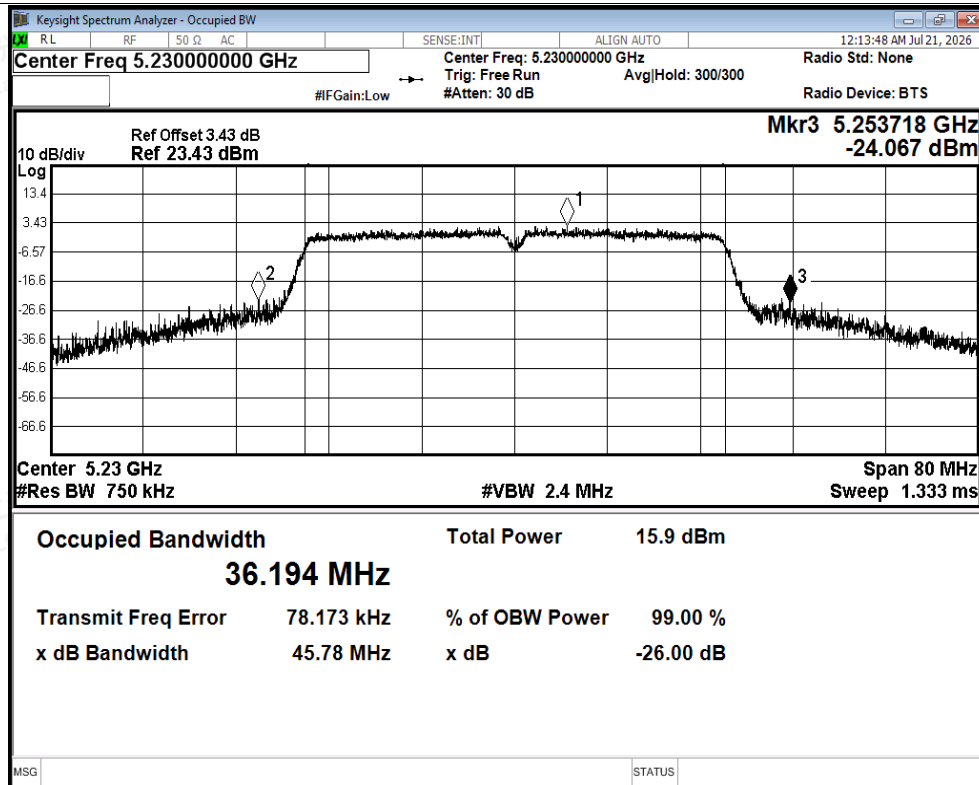
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-26dB Bandwidth NVNT n40 5190MHz Ant2

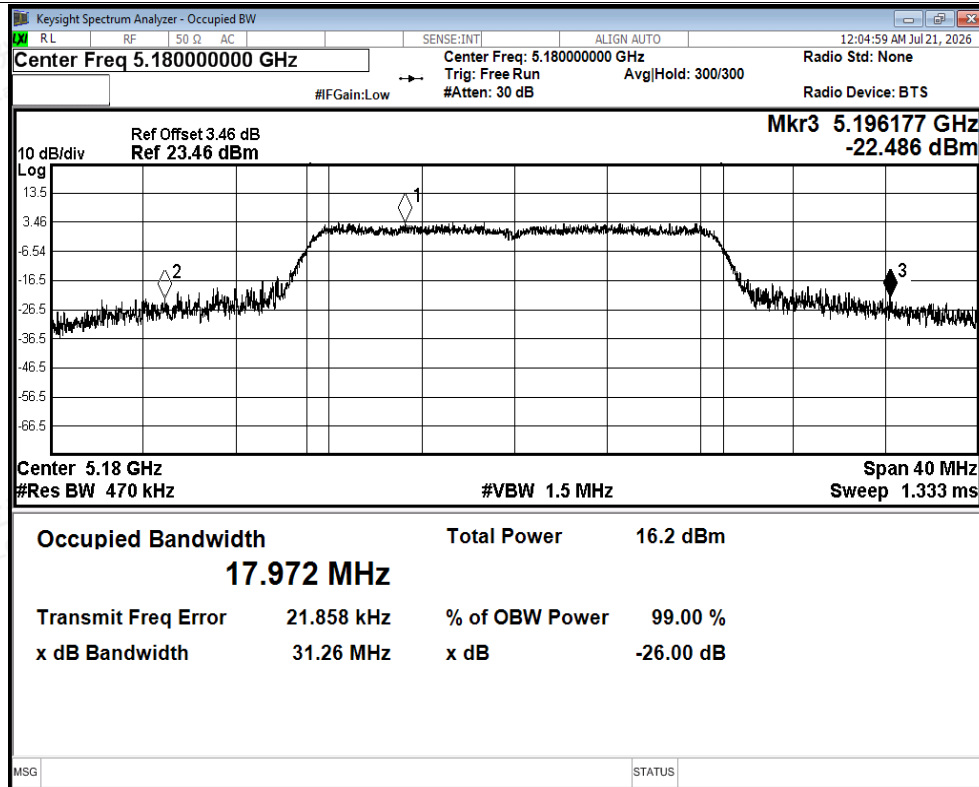


-26dB Bandwidth NVNT n40 5230MHz Ant2

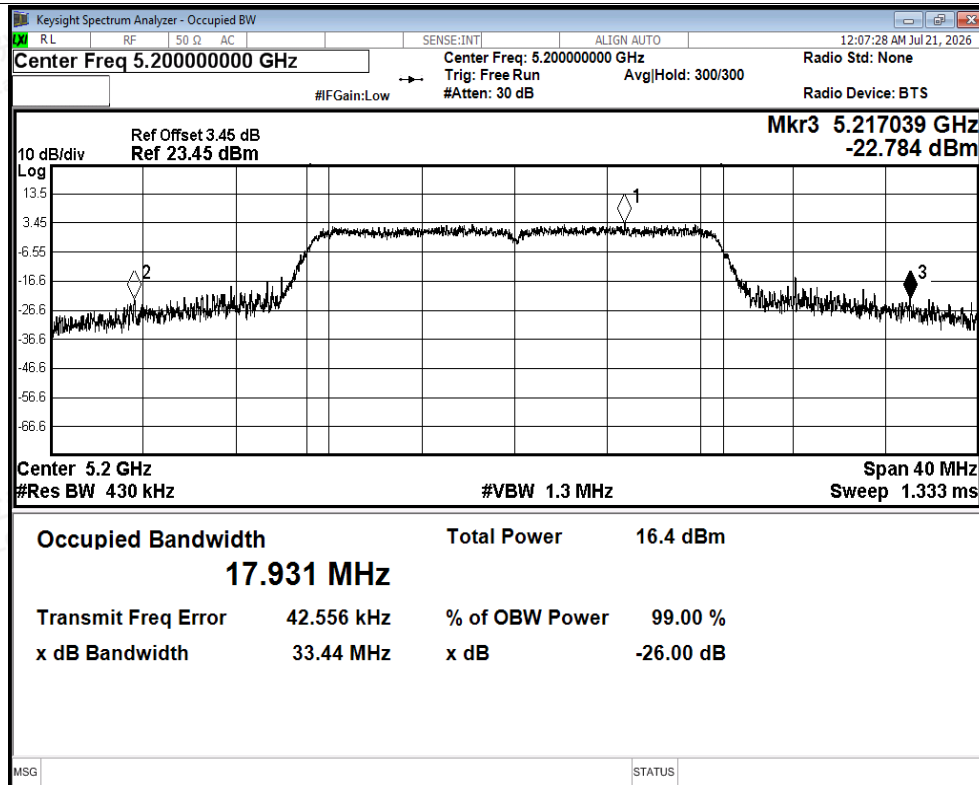
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-26dB Bandwidth NVNT ac20 5180MHz Ant2

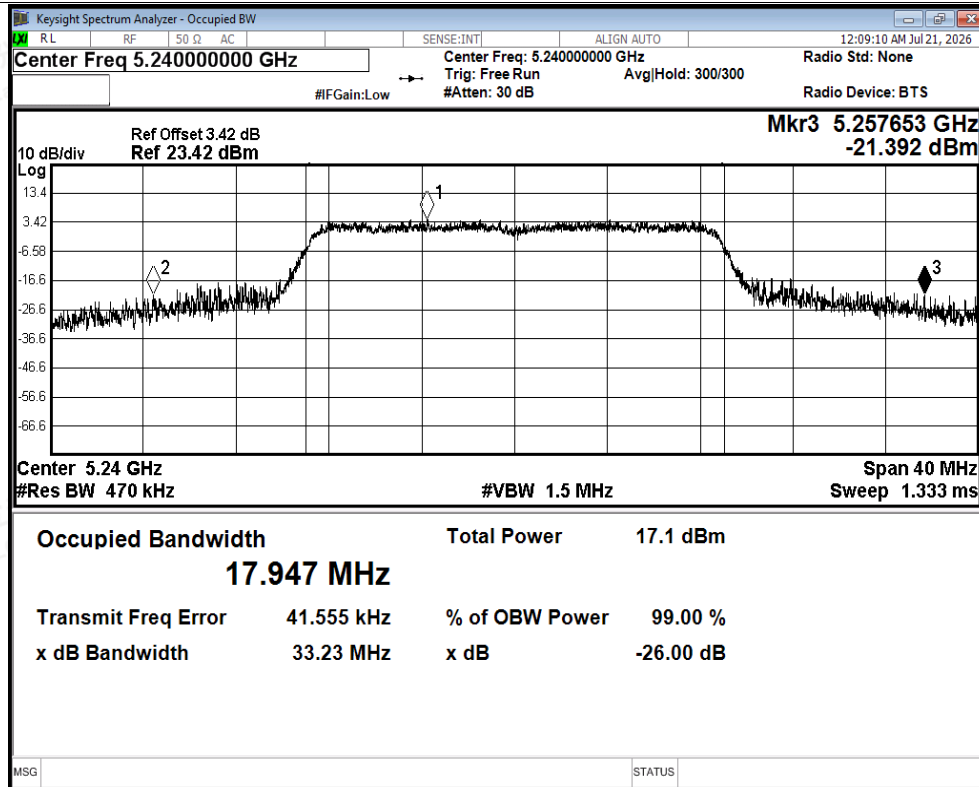


-26dB Bandwidth NVNT ac20 5200MHz Ant2

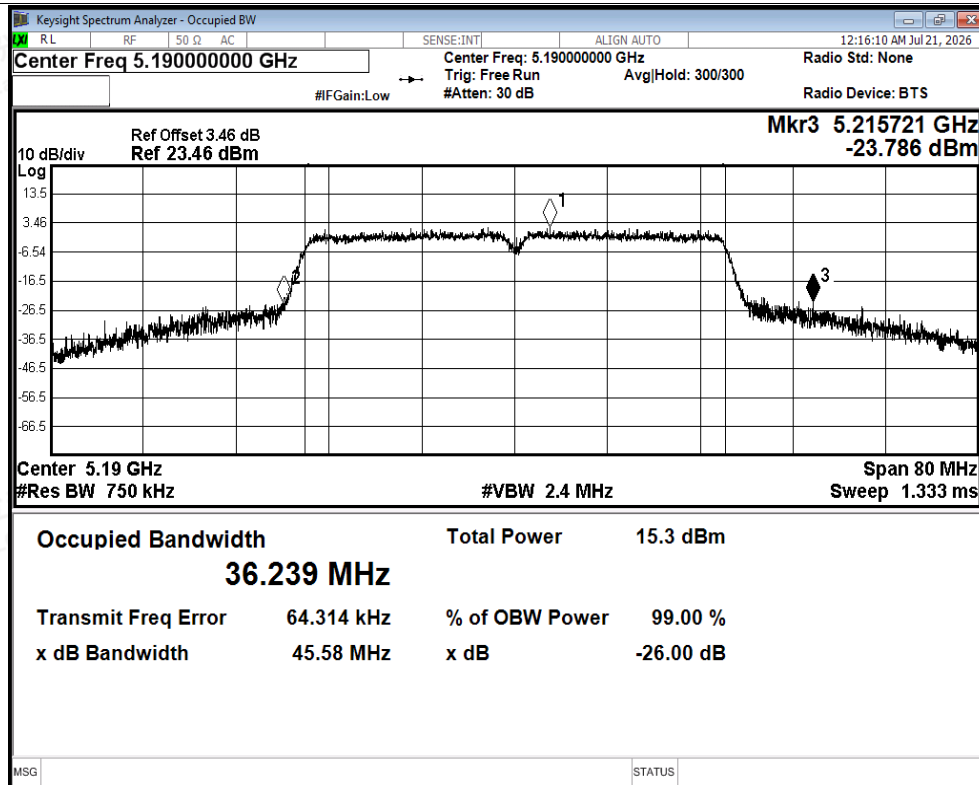
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-26dB Bandwidth NVNT ac20 5240MHz Ant2

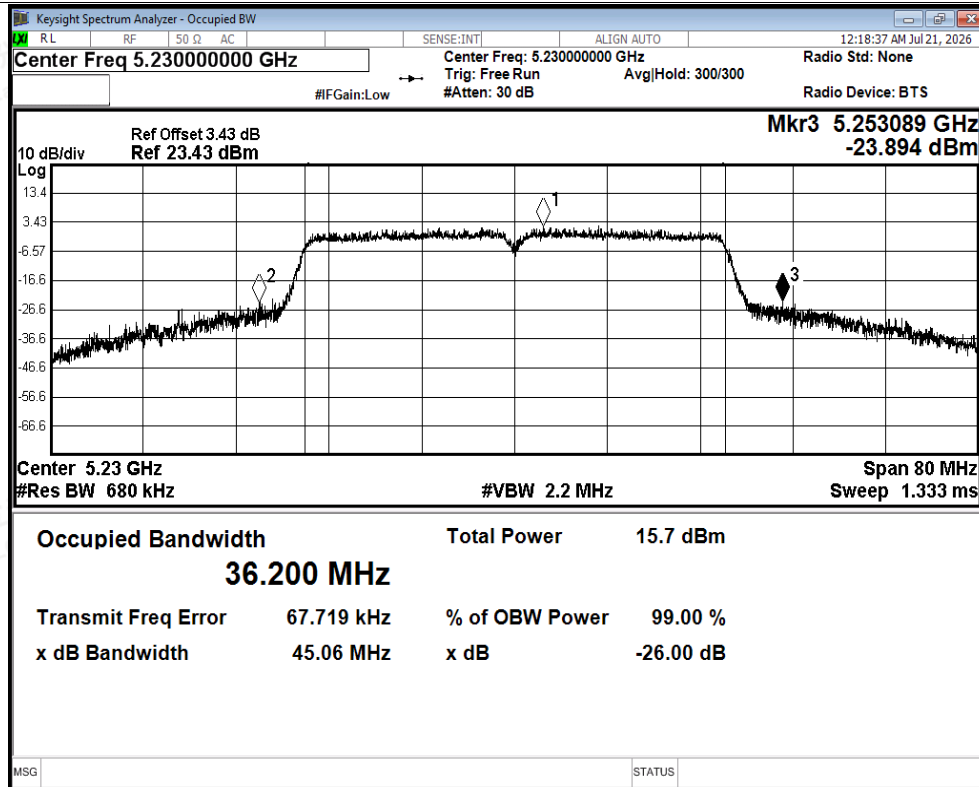


-26dB Bandwidth NVNT ac40 5190MHz Ant2

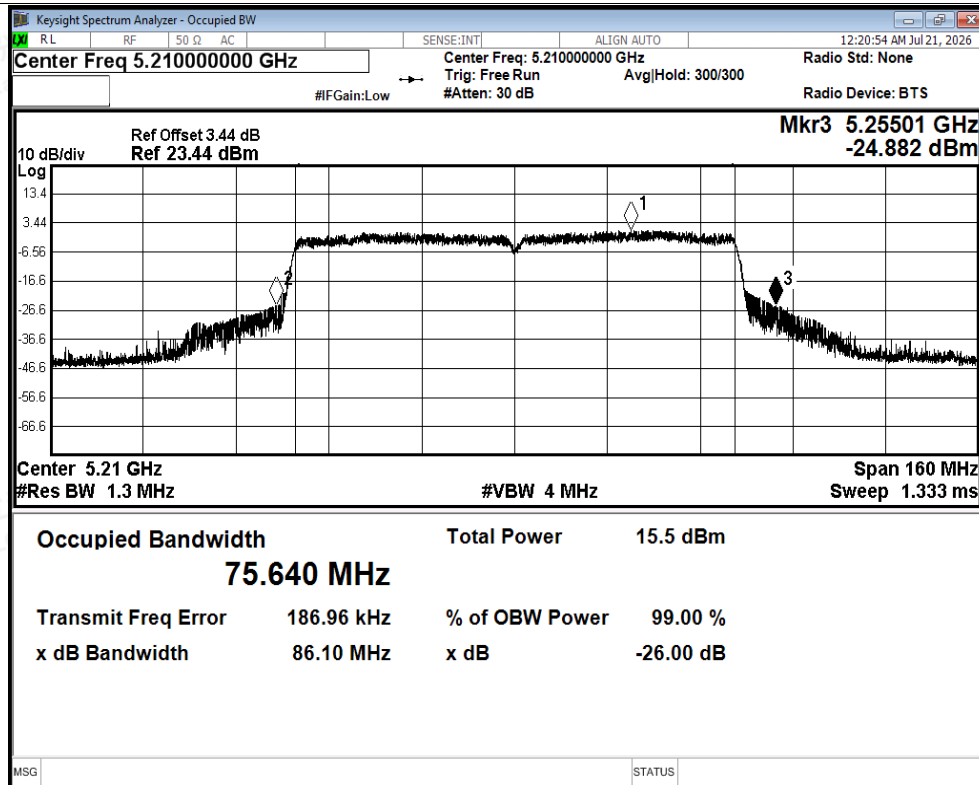
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-26dB Bandwidth NVNT ac40 5230MHz Ant2

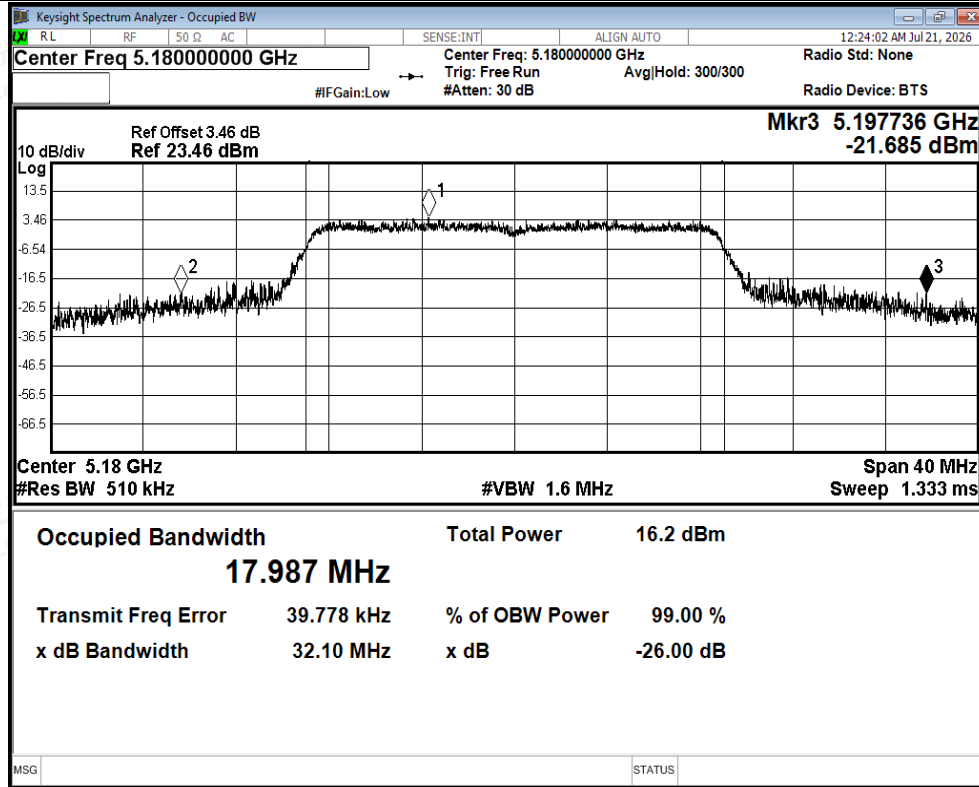


-26dB Bandwidth NVNT ac80 5210MHz Ant2

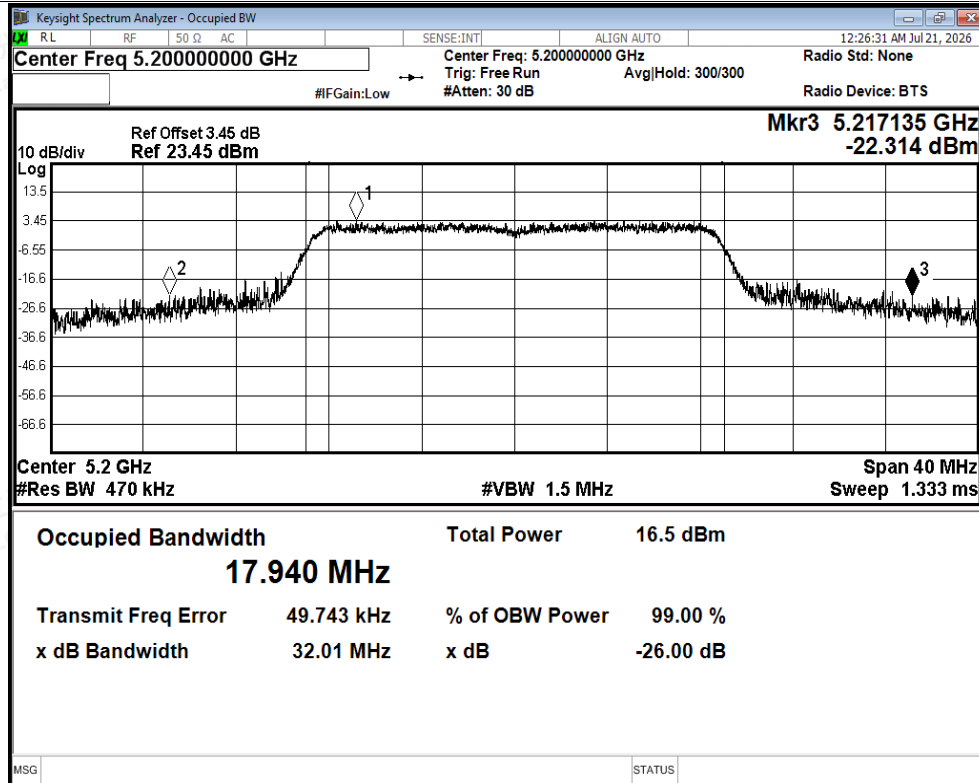
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-26dB Bandwidth NVNT ax20 5180MHz Ant2

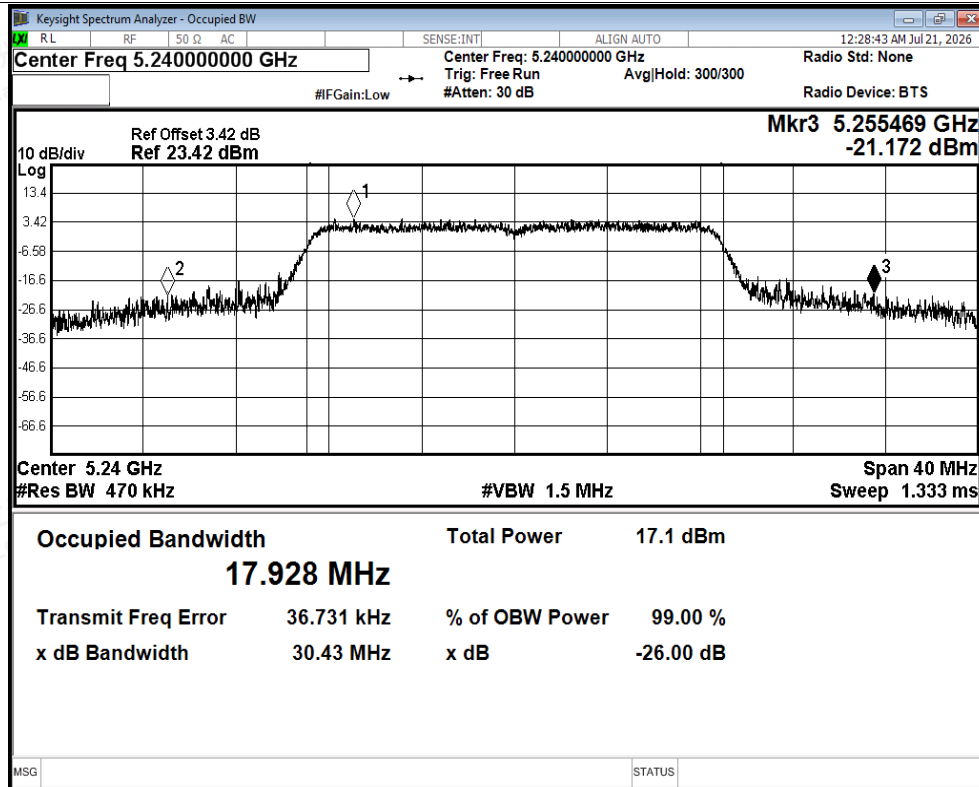


-26dB Bandwidth NVNT ax20 5200MHz Ant2

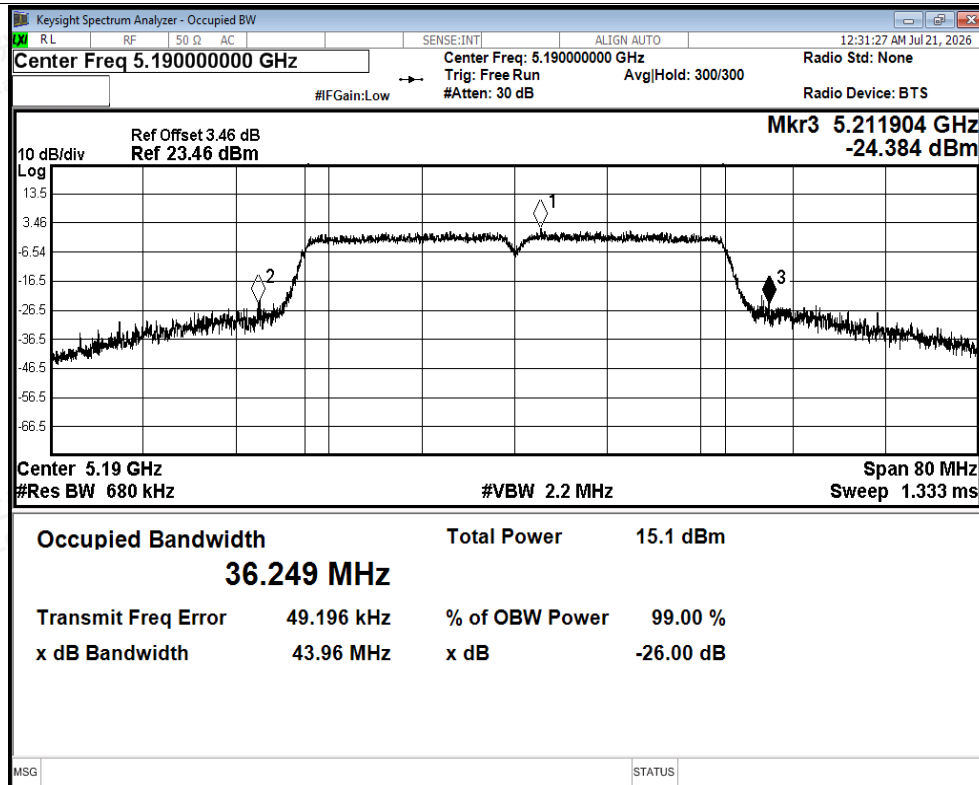
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-26dB Bandwidth NVNT ax20 5240MHz Ant2

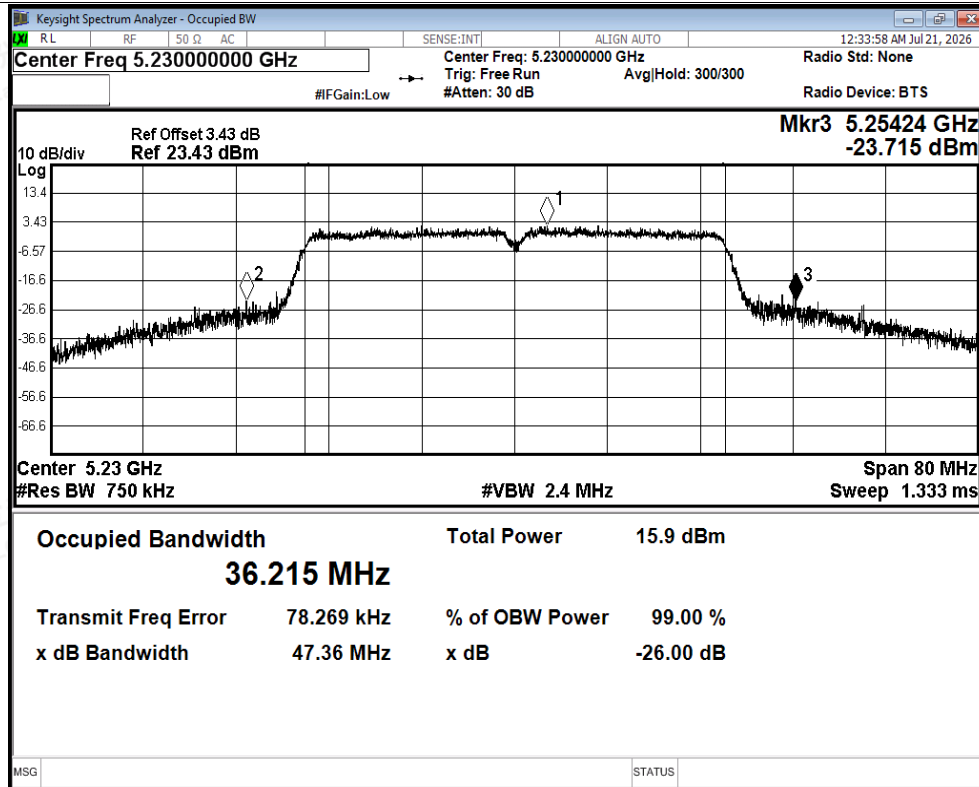


-26dB Bandwidth NVNT ax40 5190MHz Ant2

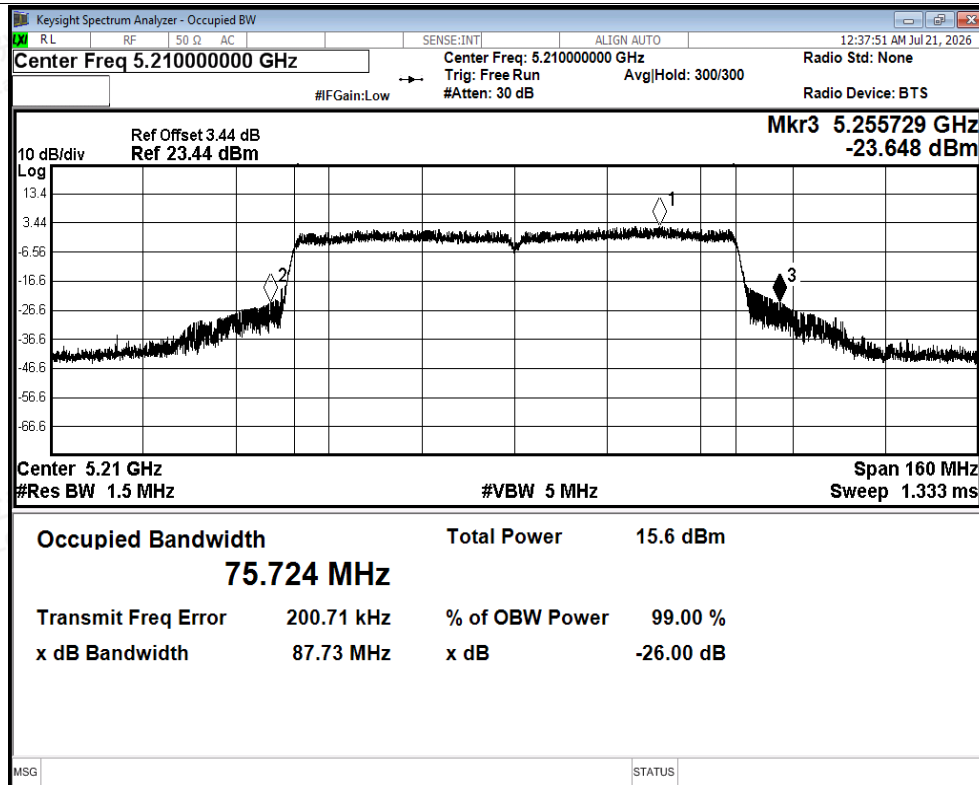
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-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVNT ax80 5210MHz Ant2

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## D.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-----------------------------|----------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 9.86                  | 0.18             | 10.04                       | 24                   | Pass    |
| NVNT      | a    | 5200            | Ant1    | 9.92                  | 0.18             | 10.1                        | 24                   | Pass    |
| NVNT      | a    | 5240            | Ant1    | 10.56                 | 0.18             | 10.74                       | 24                   | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 9.03                  | 0.22             | 9.25                        | 24                   | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 9.66                  | 0.22             | 9.88                        | 24                   | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 10.3                  | 0.25             | 10.55                       | 24                   | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 7.9                   | 0.42             | 8.32                        | 24                   | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 8.51                  | 0.49             | 9                           | 24                   | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 9.45                  | 0.25             | 9.7                         | 24                   | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 9.65                  | 0.21             | 9.86                        | 24                   | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 10.38                 | 0.25             | 10.63                       | 24                   | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 7.9                   | 0.41             | 8.31                        | 24                   | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 8.45                  | 0.42             | 8.87                        | 24                   | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 7.29                  | 0.94             | 8.23                        | 24                   | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 12.15                 | 0.21             | 12.36                       | 24                   | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 12.43                 | 0.21             | 12.64                       | 24                   | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 10.3                  | 0.21             | 10.51                       | 24                   | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | 7.87                  | 0.41             | 8.28                        | 24                   | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | 11.25                 | 0.49             | 11.74                       | 24                   | Pass    |
| NVNT      | ax80 | 5210            | Ant1    | 10.01                 | 0.82             | 10.83                       | 24                   | Pass    |



| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-----------------------------|----------------------|---------|
| NVNT      | a    | 5180            | Ant2    | 10.15                 | 0.18             | 10.33                       | 24                   | Pass    |
| NVNT      | a    | 5200            | Ant2    | 10.25                 | 0.18             | 10.43                       | 24                   | Pass    |
| NVNT      | a    | 5240            | Ant2    | 10.88                 | 0.18             | 11.06                       | 24                   | Pass    |
| NVNT      | n20  | 5180            | Ant2    | 9.42                  | 0.22             | 9.64                        | 24                   | Pass    |
| NVNT      | n20  | 5200            | Ant2    | 9.69                  | 0.22             | 9.91                        | 24                   | Pass    |
| NVNT      | n20  | 5240            | Ant2    | 10.37                 | 0.22             | 10.59                       | 24                   | Pass    |
| NVNT      | n40  | 5190            | Ant2    | 8                     | 0.42             | 8.42                        | 24                   | Pass    |
| NVNT      | n40  | 5230            | Ant2    | 8.47                  | 0.42             | 8.89                        | 24                   | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | 9.41                  | 0.21             | 9.62                        | 24                   | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | 9.66                  | 0.21             | 9.87                        | 24                   | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | 10.38                 | 0.21             | 10.59                       | 24                   | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | 7.86                  | 0.41             | 8.27                        | 24                   | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | 8.4                   | 0.41             | 8.81                        | 24                   | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | 7.25                  | 0.79             | 8.04                        | 24                   | Pass    |
| NVNT      | ax20 | 5180            | Ant2    | 12.2                  | 0.21             | 12.41                       | 24                   | Pass    |
| NVNT      | ax20 | 5200            | Ant2    | 12.44                 | 0.25             | 12.69                       | 24                   | Pass    |
| NVNT      | ax20 | 5240            | Ant2    | 10.34                 | 0.21             | 10.55                       | 24                   | Pass    |
| NVNT      | ax40 | 5190            | Ant2    | 7.95                  | 0.41             | 8.36                        | 24                   | Pass    |
| NVNT      | ax40 | 5230            | Ant2    | 11.32                 | 0.42             | 11.74                       | 24                   | Pass    |
| NVNT      | ax80 | 5210            | Ant2    | 10.16                 | 0.79             | 10.95                       | 24                   | Pass    |

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## MIMO

| Condition | Mode | Frequency (MHz) | Total Power (dBm) |       |              | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------------------|-------|--------------|-------------|---------|
|           |      |                 | Ant1              | Ant2  | Ant1+Ant2    |             |         |
| NVNT      | n20  | 5180            | 9.25              | 9.64  | 12.46        | 24          | Pass    |
| NVNT      | n20  | 5200            | 9.88              | 9.91  | 12.91        | 24          | Pass    |
| NVNT      | n20  | 5240            | 10.55             | 10.59 | 13.58        | 24          | Pass    |
| NVNT      | n40  | 5190            | 8.32              | 8.42  | 11.38        | 24          | Pass    |
| NVNT      | n40  | 5230            | 9                 | 8.89  | 11.96        | 24          | Pass    |
| NVNT      | ac20 | 5180            | 9.7               | 9.62  | 12.67        | 24          | Pass    |
| NVNT      | ac20 | 5200            | 9.86              | 9.87  | 12.88        | 24          | Pass    |
| NVNT      | ac20 | 5240            | 10.63             | 10.59 | 13.62        | 24          | Pass    |
| NVNT      | ac40 | 5190            | 8.31              | 8.27  | 11.30        | 24          | Pass    |
| NVNT      | ac40 | 5230            | 8.87              | 8.81  | 11.85        | 24          | Pass    |
| NVNT      | ac80 | 5210            | 8.23              | 8.04  | 11.15        | 24          | Pass    |
| NVNT      | ax20 | 5180            | 12.36             | 12.41 | 15.40        | 24          | Pass    |
| NVNT      | ax20 | 5200            | 12.64             | 12.69 | <b>15.68</b> | 24          | Pass    |
| NVNT      | ax20 | 5240            | 10.51             | 10.55 | 13.54        | 24          | Pass    |
| NVNT      | ax40 | 5190            | 8.28              | 8.36  | 11.33        | 24          | Pass    |
| NVNT      | ax40 | 5230            | 11.74             | 11.74 | 14.75        | 24          | Pass    |
| NVNT      | ax80 | 5210            | 10.83             | 10.95 | 13.90        | 24          | Pass    |



### D.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a    | 5180            | Ant1    | -1.37                   | 0.18             | -1.19               | 11              | Pass    |
| NVNT      | a    | 5200            | Ant1    | -1.22                   | 0.18             | -1.04               | 11              | Pass    |
| NVNT      | a    | 5240            | Ant1    | -0.64                   | 0.18             | -0.46               | 11              | Pass    |
| NVNT      | n20  | 5180            | Ant1    | -2.47                   | 0.22             | -2.25               | 11              | Pass    |
| NVNT      | n20  | 5200            | Ant1    | -1.79                   | 0.22             | -1.57               | 11              | Pass    |
| NVNT      | n20  | 5240            | Ant1    | -1.26                   | 0.25             | -1.01               | 11              | Pass    |
| NVNT      | n40  | 5190            | Ant1    | -6.49                   | 0.42             | -6.07               | 11              | Pass    |
| NVNT      | n40  | 5230            | Ant1    | -5.84                   | 0.49             | -5.35               | 11              | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | -2.11                   | 0.25             | -1.86               | 11              | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | -1.76                   | 0.21             | -1.55               | 11              | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | -1.2                    | 0.25             | -0.95               | 11              | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | -6.66                   | 0.41             | -6.25               | 11              | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | -5.59                   | 0.42             | -5.17               | 11              | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | -9.8                    | 0.94             | -8.86               | 11              | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | -2.04                   | 0.21             | -1.83               | 11              | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | -1.71                   | 0.21             | -1.5                | 11              | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | -1.11                   | 0.21             | -0.9                | 11              | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | -6.56                   | 0.41             | -6.15               | 11              | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | -5.73                   | 0.49             | -5.24               | 11              | Pass    |
| NVNT      | ax80 | 5210            | Ant1    | -9.99                   | 0.82             | -9.17               | 11              | Pass    |

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| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/MHz) | Duty Factor (dB) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------------|------------------|---------------------|-----------------|---------|
| NVNT      | a    | 5180            | Ant2    | -1.19                   | 0.18             | -1.01               | 11              | Pass    |
| NVNT      | a    | 5200            | Ant2    | -1.04                   | 0.18             | -0.86               | 11              | Pass    |
| NVNT      | a    | 5240            | Ant2    | -0.3                    | 0.18             | -0.12               | 11              | Pass    |
| NVNT      | n20  | 5180            | Ant2    | -2.17                   | 0.22             | -1.95               | 11              | Pass    |
| NVNT      | n20  | 5200            | Ant2    | -1.88                   | 0.22             | -1.66               | 11              | Pass    |
| NVNT      | n20  | 5240            | Ant2    | -1.14                   | 0.22             | -0.92               | 11              | Pass    |
| NVNT      | n40  | 5190            | Ant2    | -6.55                   | 0.42             | -6.13               | 11              | Pass    |
| NVNT      | n40  | 5230            | Ant2    | -5.89                   | 0.42             | -5.47               | 11              | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | -2.08                   | 0.21             | -1.87               | 11              | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | -1.86                   | 0.21             | -1.65               | 11              | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | -1.11                   | 0.21             | -0.9                | 11              | Pass    |
| NVNT      | ac40 | 5190            | Ant2    | -6.56                   | 0.41             | -6.15               | 11              | Pass    |
| NVNT      | ac40 | 5230            | Ant2    | -5.86                   | 0.41             | -5.45               | 11              | Pass    |
| NVNT      | ac80 | 5210            | Ant2    | -9.81                   | 0.79             | -9.02               | 11              | Pass    |
| NVNT      | ax20 | 5180            | Ant2    | -2.19                   | 0.21             | -1.98               | 11              | Pass    |
| NVNT      | ax20 | 5200            | Ant2    | -1.84                   | 0.25             | -1.59               | 11              | Pass    |
| NVNT      | ax20 | 5240            | Ant2    | -1.12                   | 0.21             | -0.91               | 11              | Pass    |
| NVNT      | ax40 | 5190            | Ant2    | -6.45                   | 0.41             | -6.04               | 11              | Pass    |
| NVNT      | ax40 | 5230            | Ant2    | -5.92                   | 0.42             | -5.5                | 11              | Pass    |
| NVNT      | ax80 | 5210            | Ant2    | -9.83                   | 0.79             | -9.04               | 11              | Pass    |

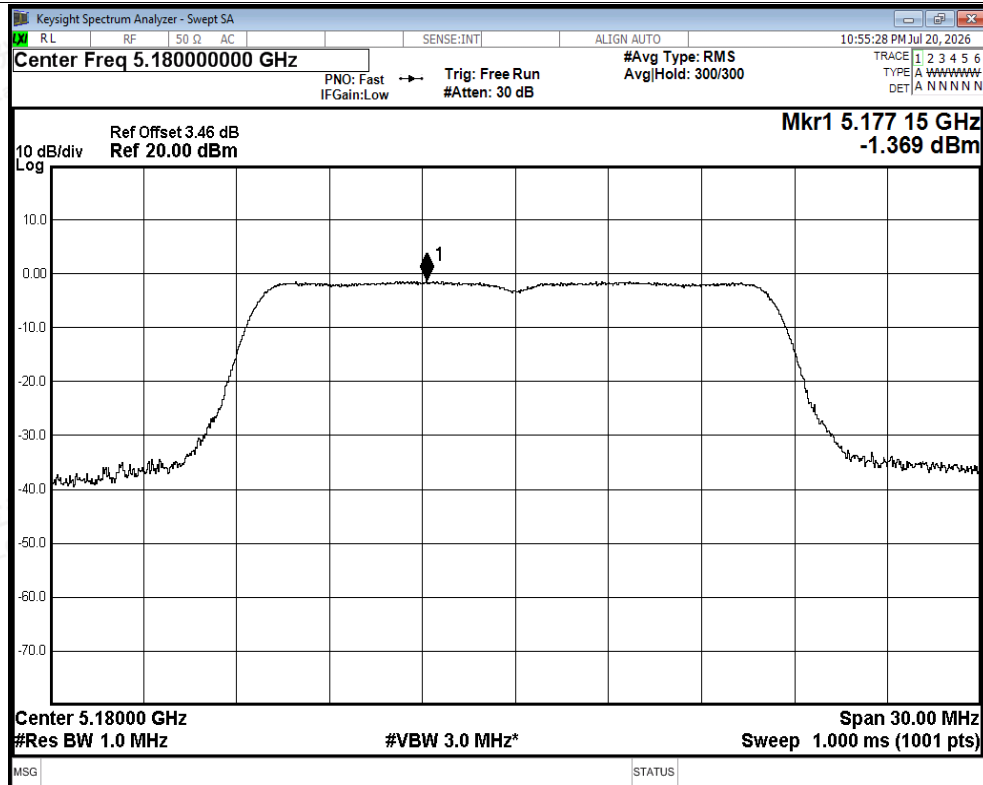
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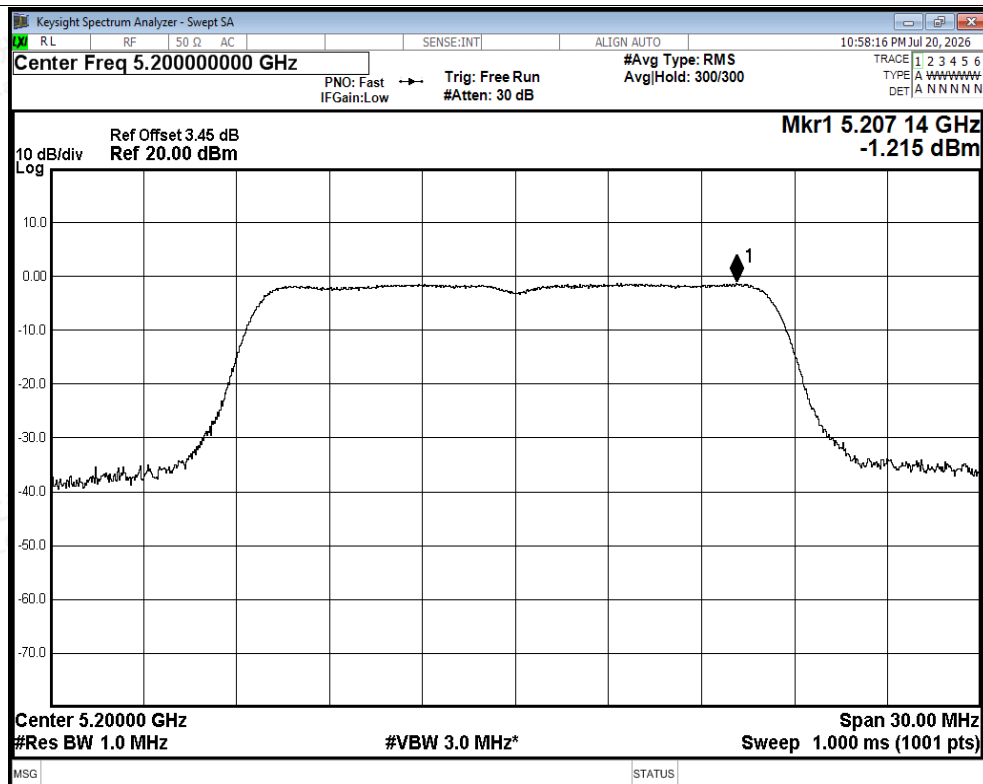
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**MIMO**

| Condition | Mode | Frequency (MHz) | Total PSD (dBm/MHz) |       |           | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------------------|-------|-----------|-----------------|---------|
|           |      |                 | Ant1                | Ant2  | Ant1+Ant2 |                 |         |
| NVNT      | n20  | 5180            | -2.25               | -1.95 | 0.91      | 9.75            | Pass    |
| NVNT      | n20  | 5200            | -1.57               | -1.66 | 1.40      | 9.75            | Pass    |
| NVNT      | n20  | 5240            | -1.01               | -0.92 | 2.05      | 9.75            | Pass    |
| NVNT      | n40  | 5190            | -6.07               | -6.13 | -3.09     | 9.75            | Pass    |
| NVNT      | n40  | 5230            | -5.35               | -5.47 | -2.40     | 9.75            | Pass    |
| NVNT      | ac20 | 5180            | -1.86               | -1.87 | 1.15      | 9.75            | Pass    |
| NVNT      | ac20 | 5200            | -1.55               | -1.65 | 1.41      | 9.75            | Pass    |
| NVNT      | ac20 | 5240            | -0.95               | -0.9  | 2.09      | 9.75            | Pass    |
| NVNT      | ac40 | 5190            | -6.25               | -6.15 | -3.19     | 9.75            | Pass    |
| NVNT      | ac40 | 5230            | -5.17               | -5.45 | -2.30     | 9.75            | Pass    |
| NVNT      | ac80 | 5210            | -8.86               | -9.02 | -5.93     | 9.75            | Pass    |
| NVNT      | ax20 | 5180            | -1.83               | -1.98 | 1.11      | 9.75            | Pass    |
| NVNT      | ax20 | 5200            | -1.5                | -1.59 | 1.47      | 9.75            | Pass    |
| NVNT      | ax20 | 5240            | -0.9                | -0.91 | 2.11      | 9.75            | Pass    |
| NVNT      | ax40 | 5190            | -6.15               | -6.04 | -3.08     | 9.75            | Pass    |
| NVNT      | ax40 | 5230            | -5.24               | -5.5  | -2.36     | 9.75            | Pass    |
| NVNT      | ax80 | 5210            | -9.17               | -9.04 | -6.09     | 9.75            | Pass    |



PSD NVNT a 5180MHz Ant1

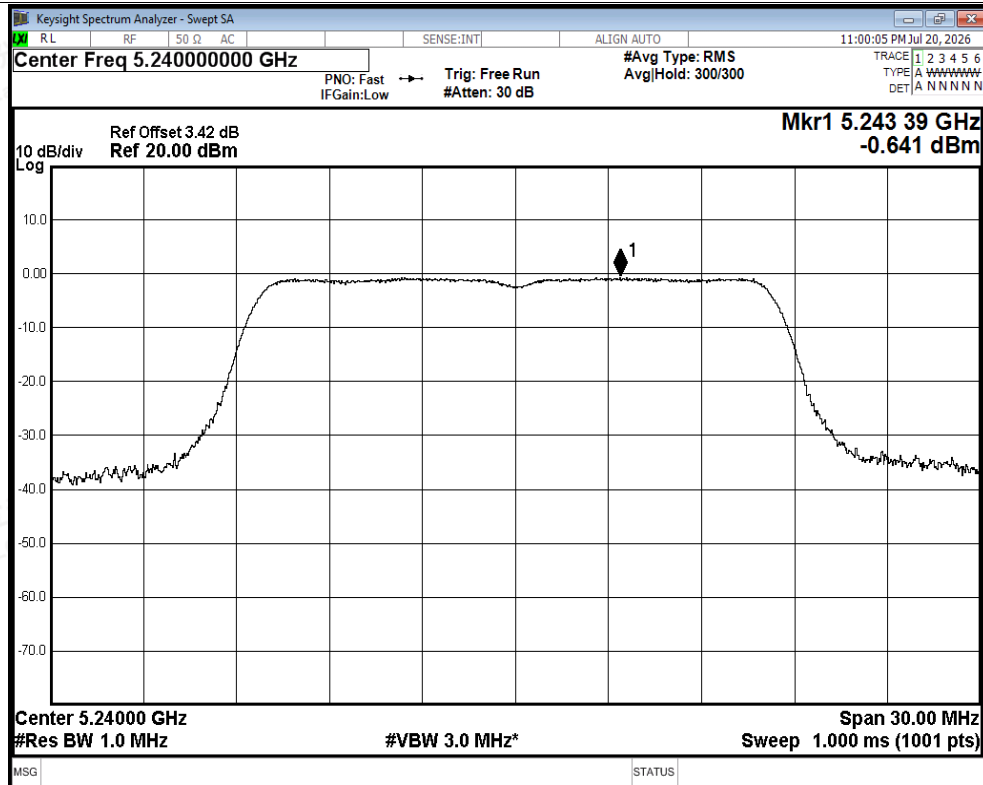


PSD NVNT a 5200MHz Ant1

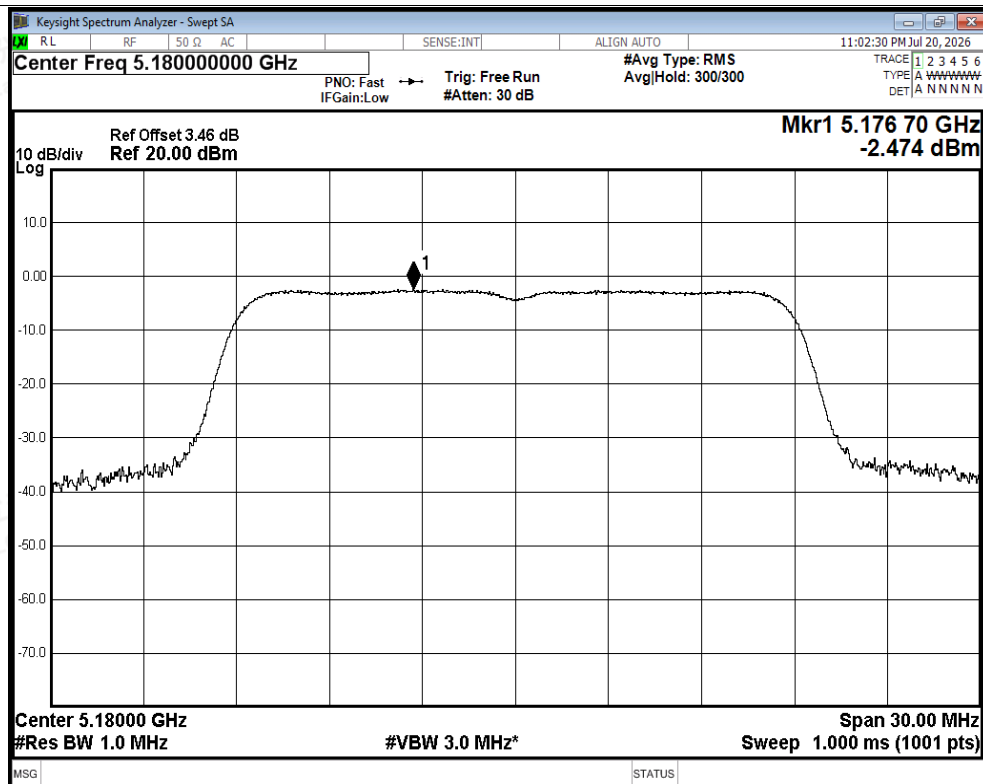
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PSD NVNT a 5240MHz Ant1

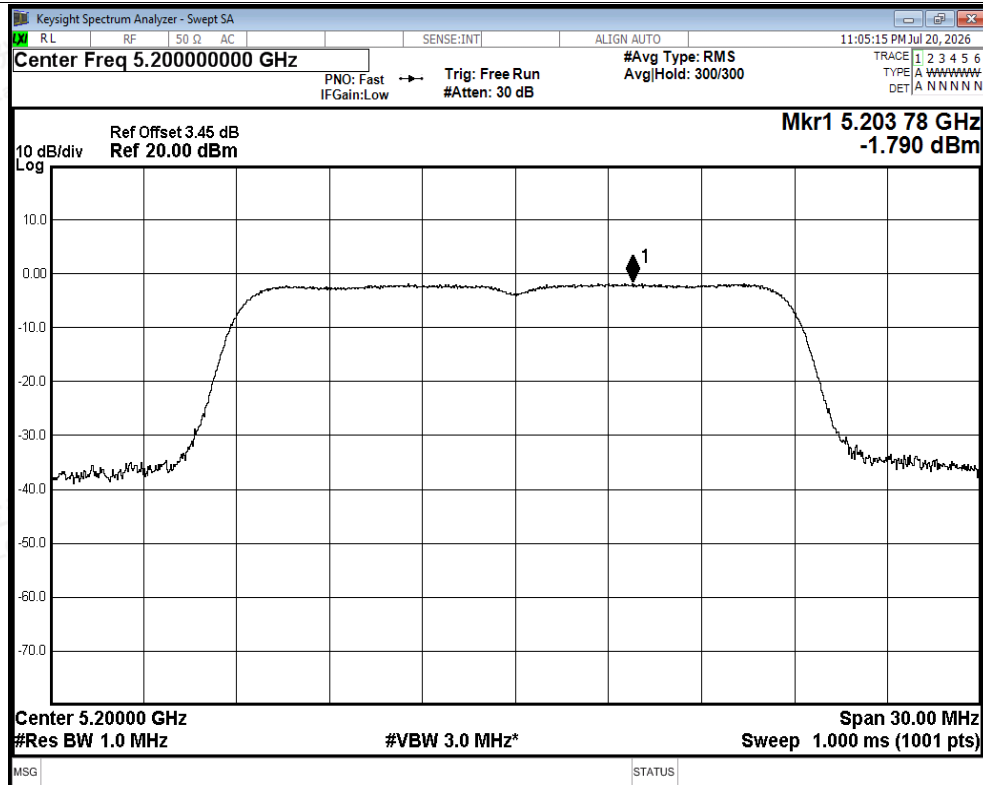


PSD NVNT n20 5180MHz Ant1

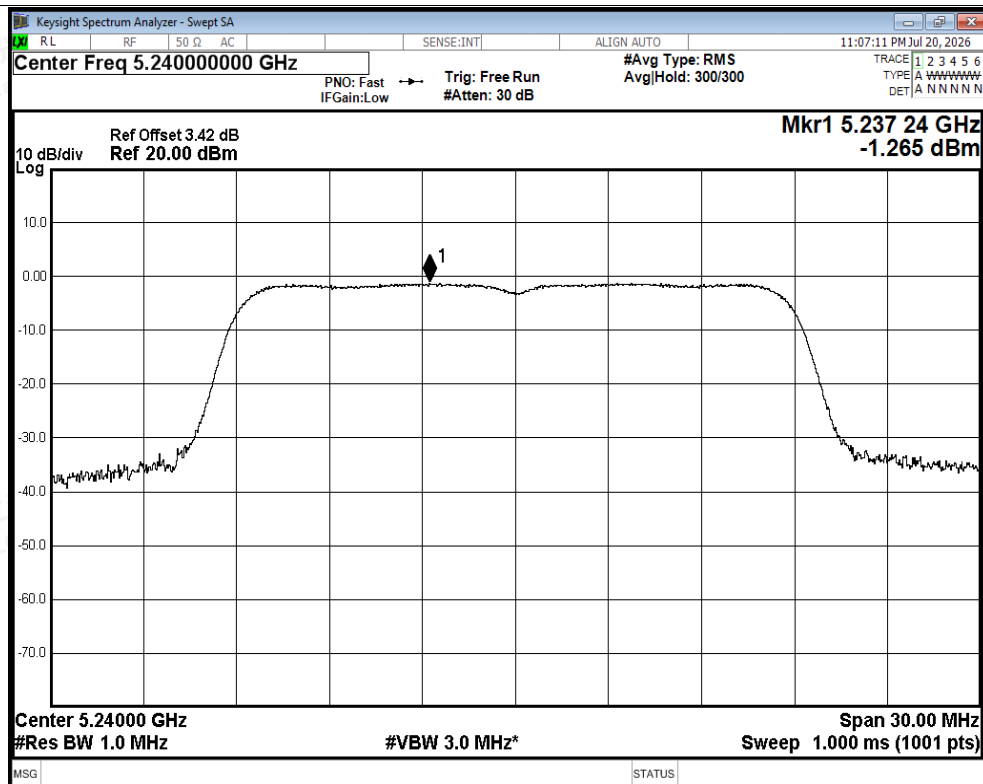
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PSD NVNT n20 5200MHz Ant1

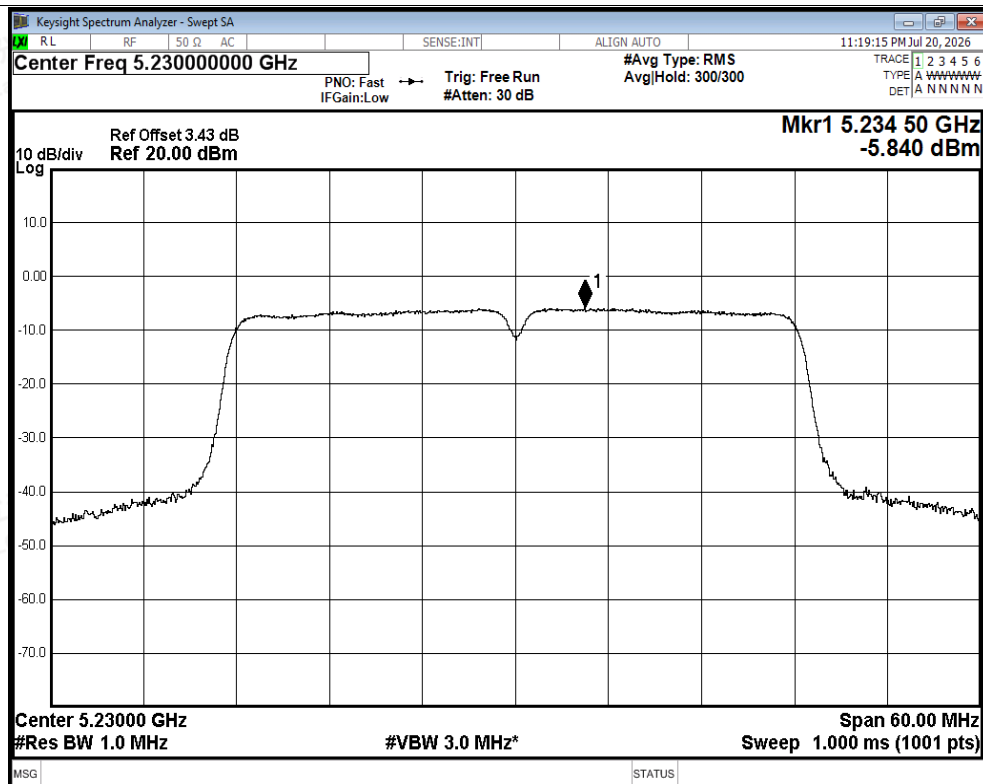
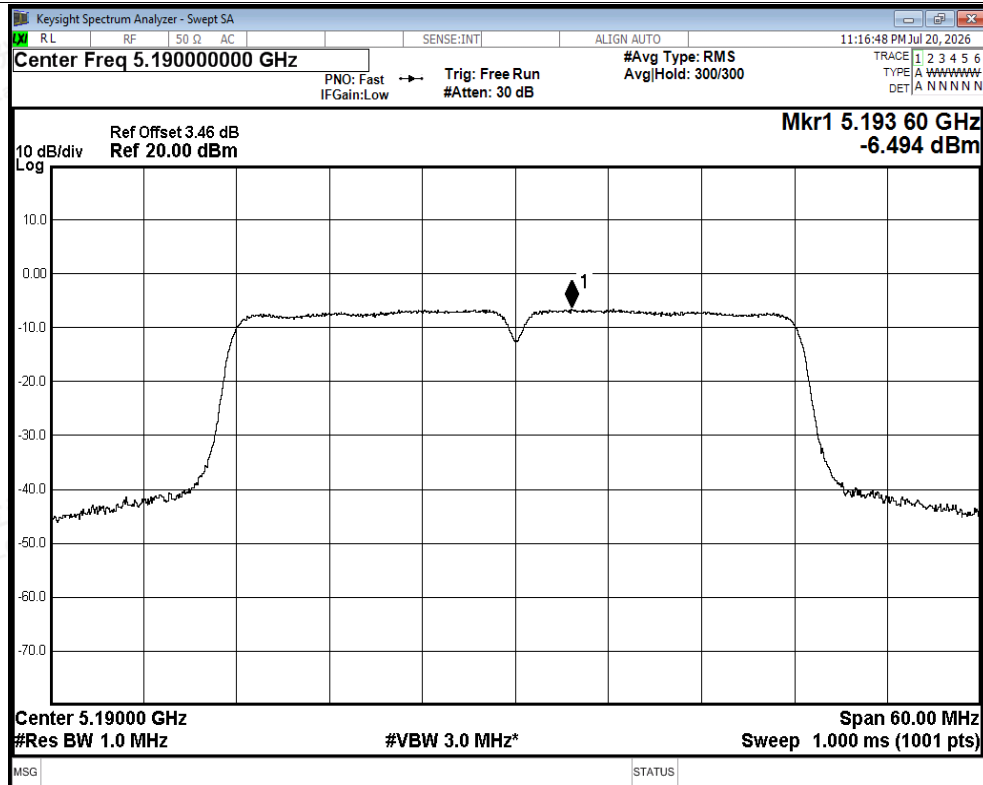


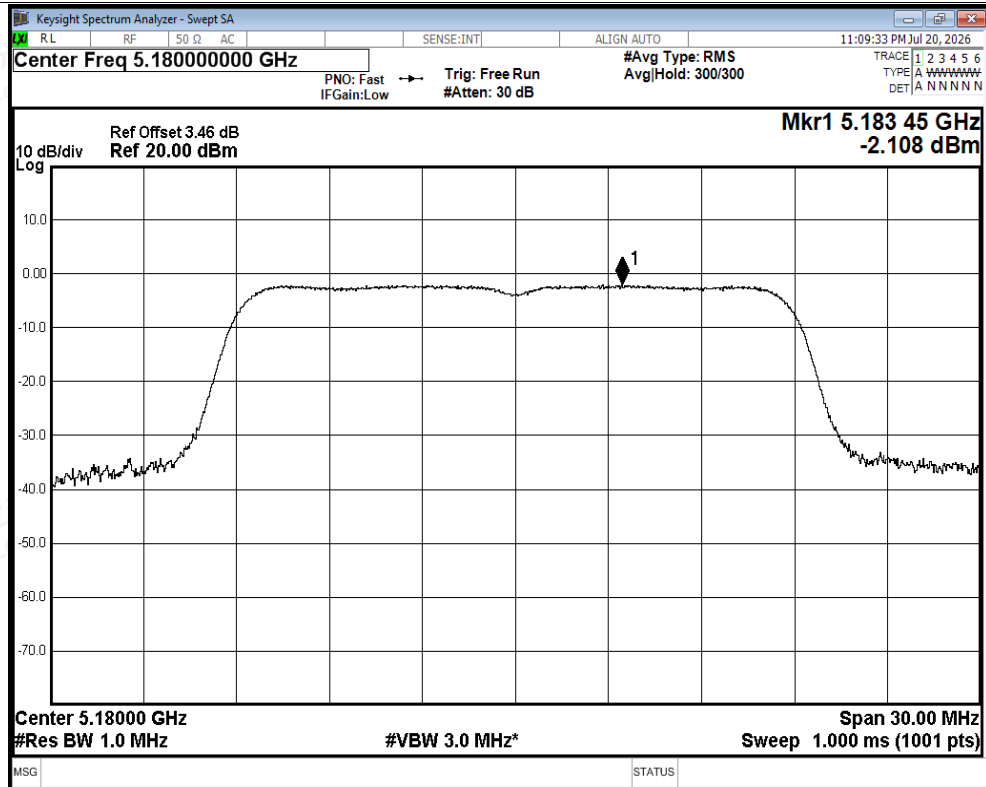
PSD NVNT n20 5240MHz Ant1

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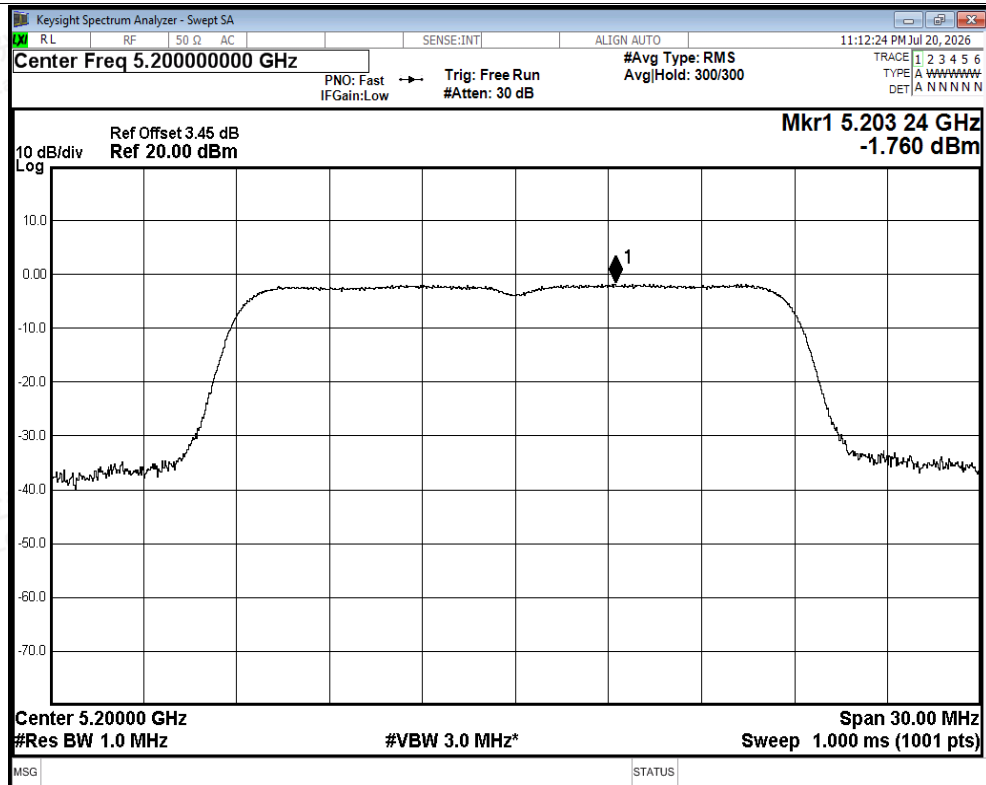
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PSD NVNT ac20 5180MHz Ant1

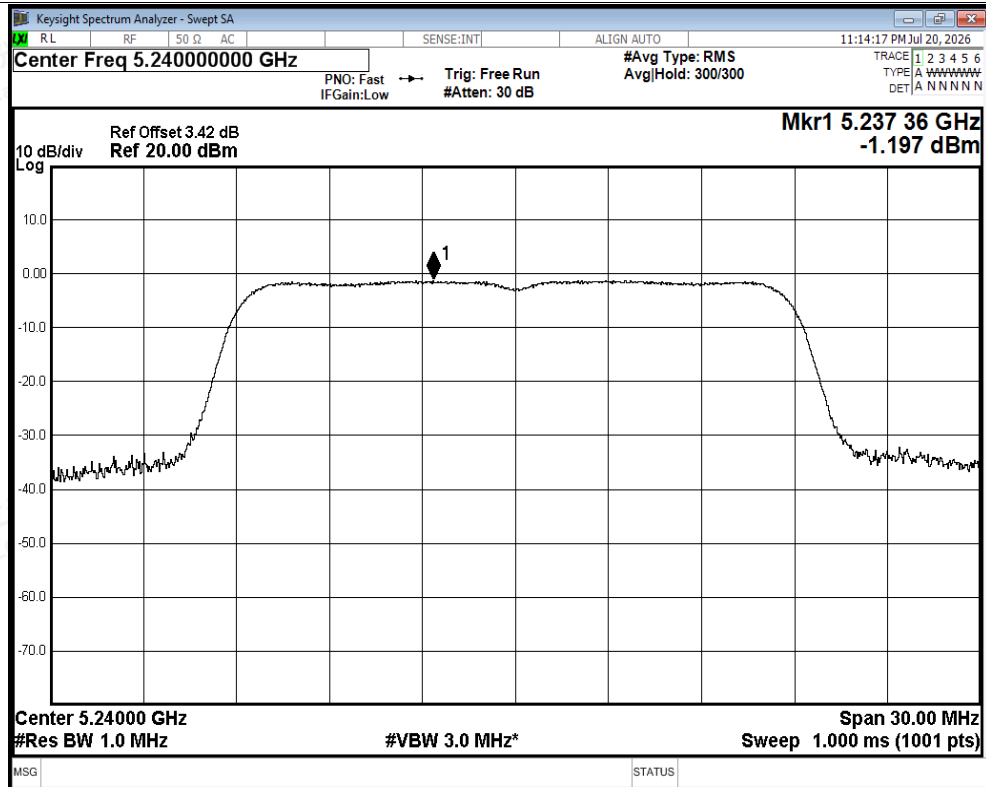


PSD NVNT ac20 5200MHz Ant1

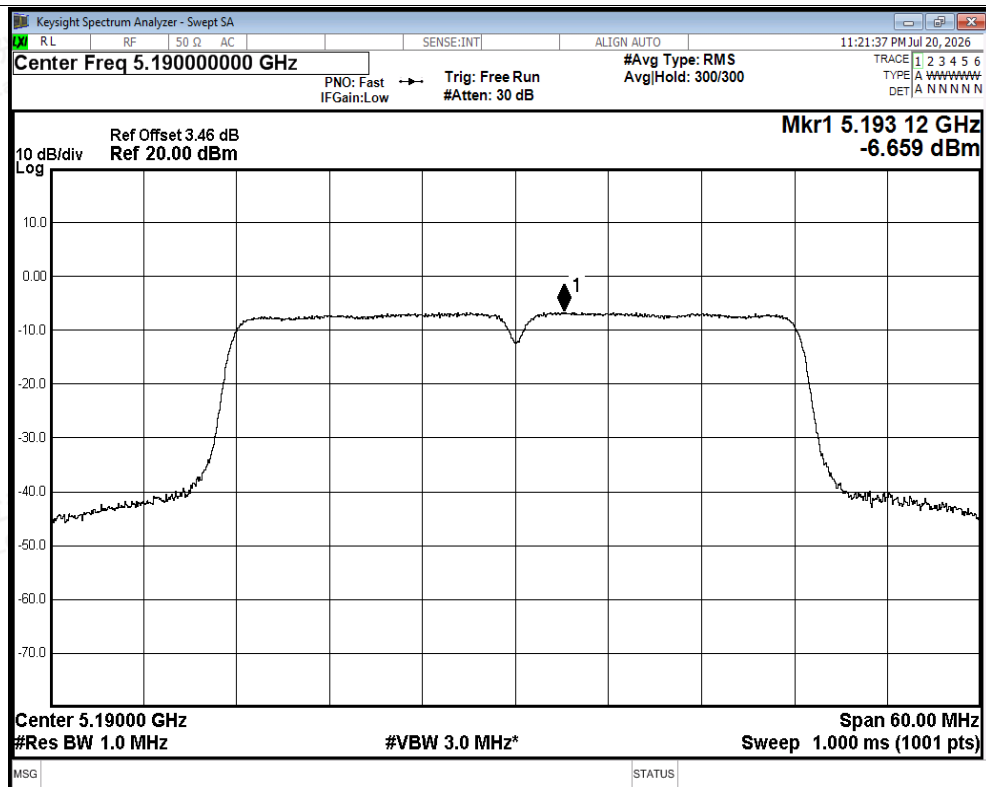
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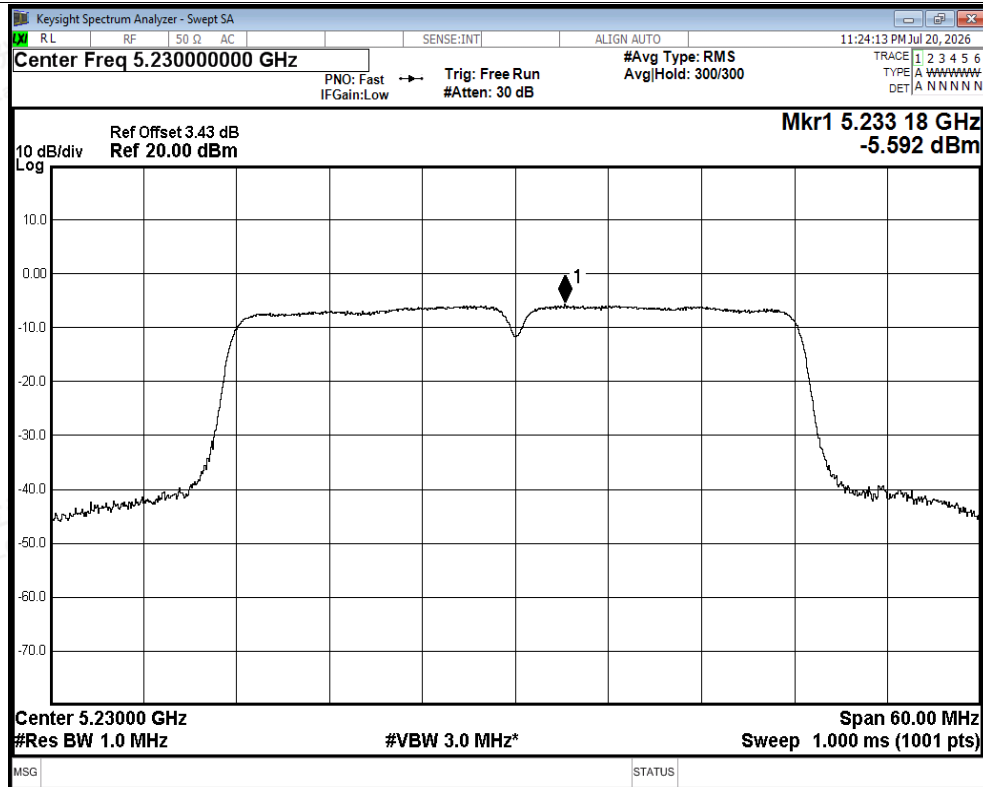
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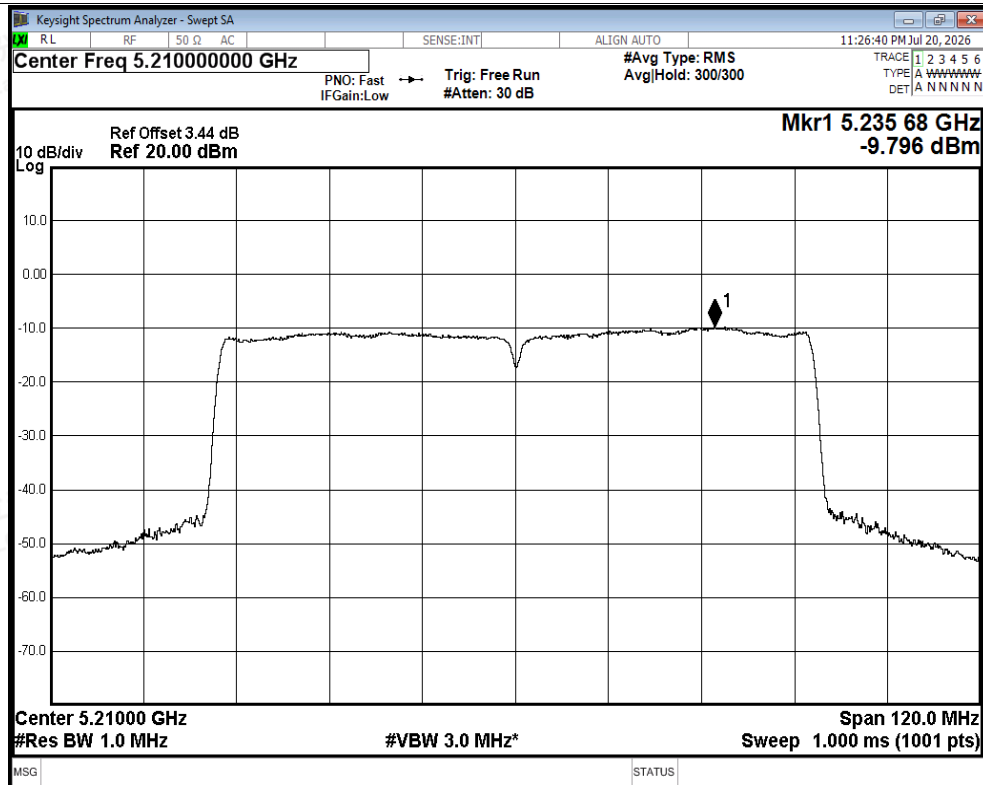
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

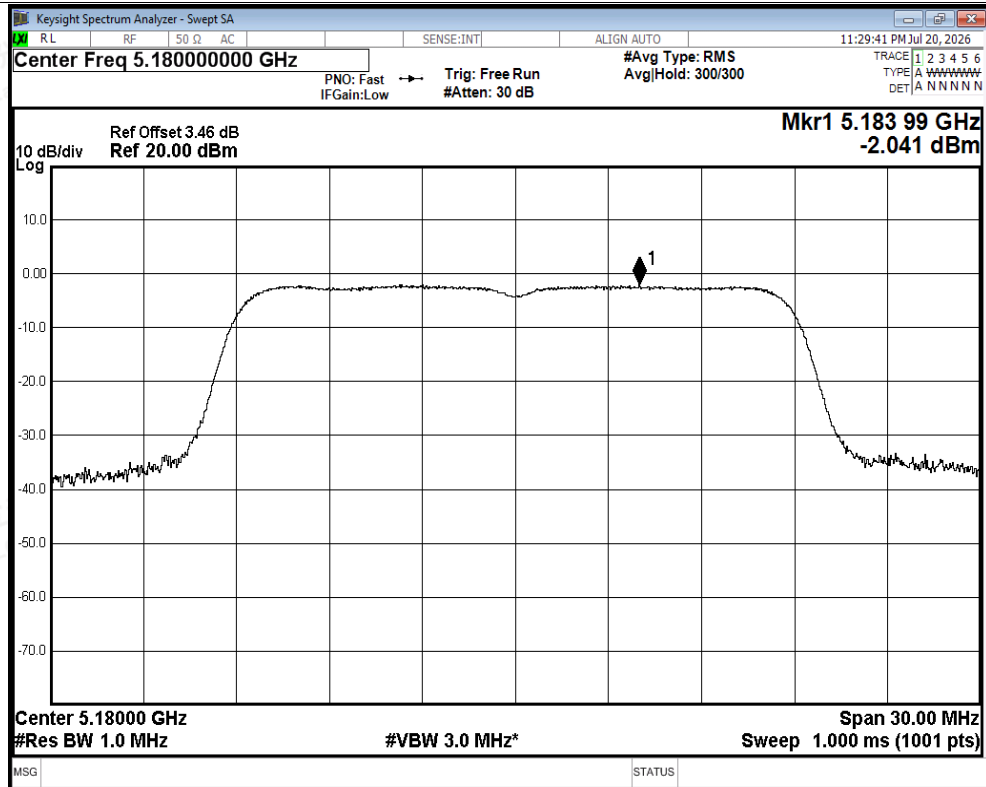


PSD NVNT ac80 5210MHz Ant1

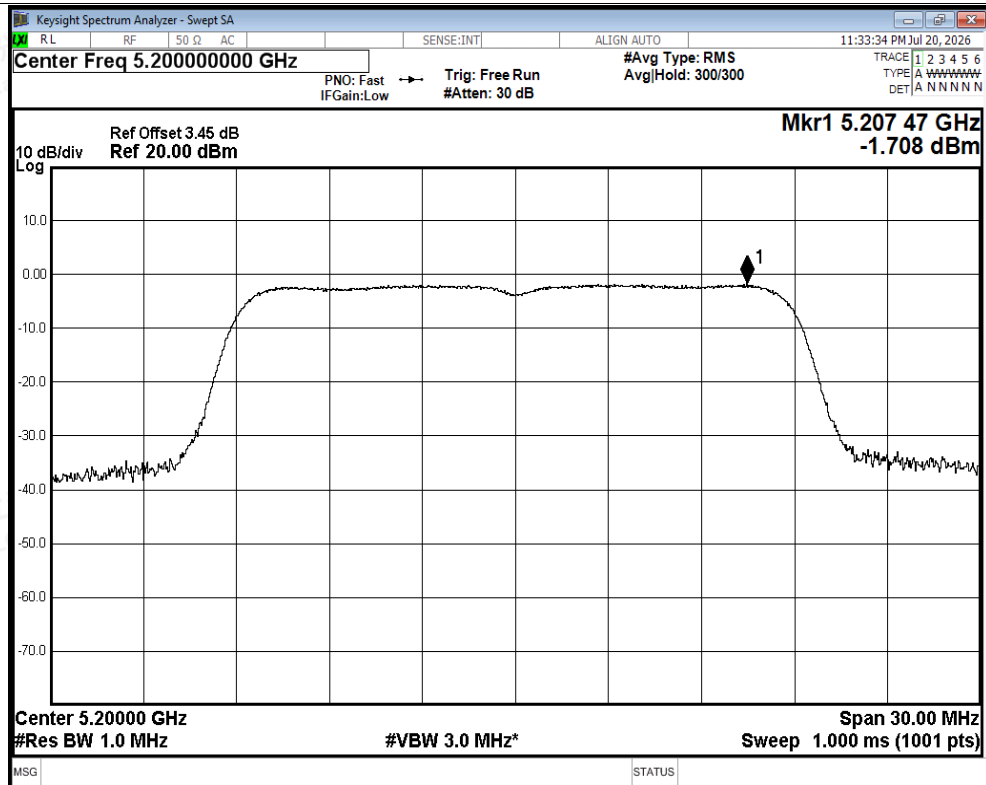
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PSD NVNT ax20 5180MHz Ant1

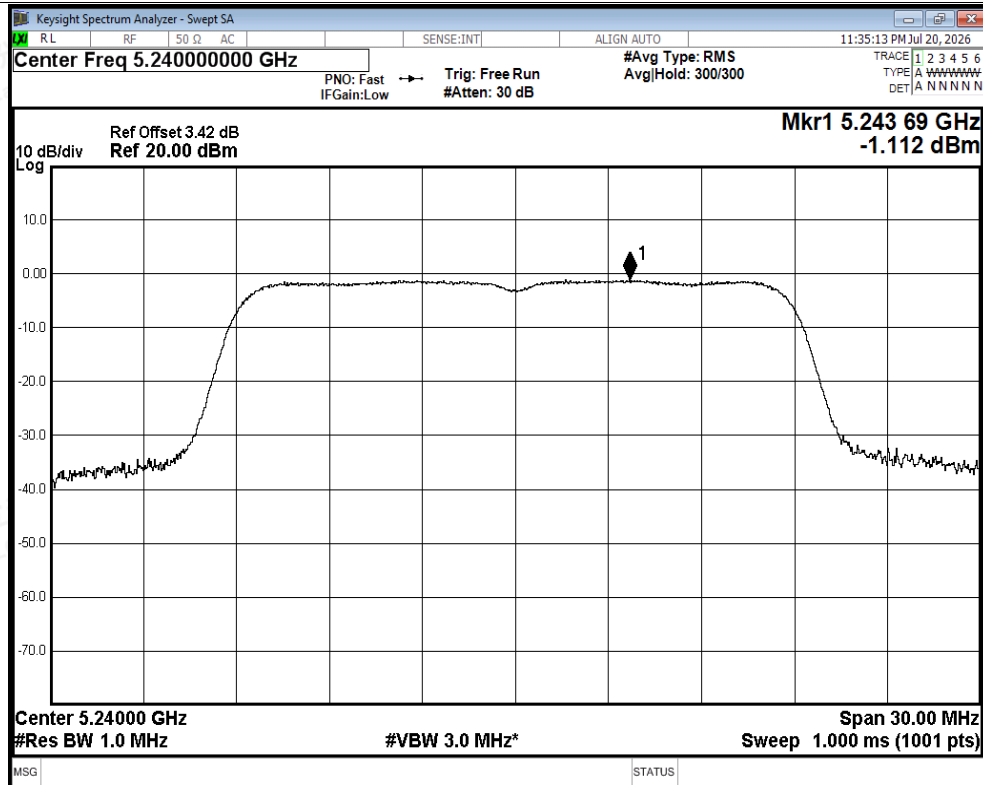


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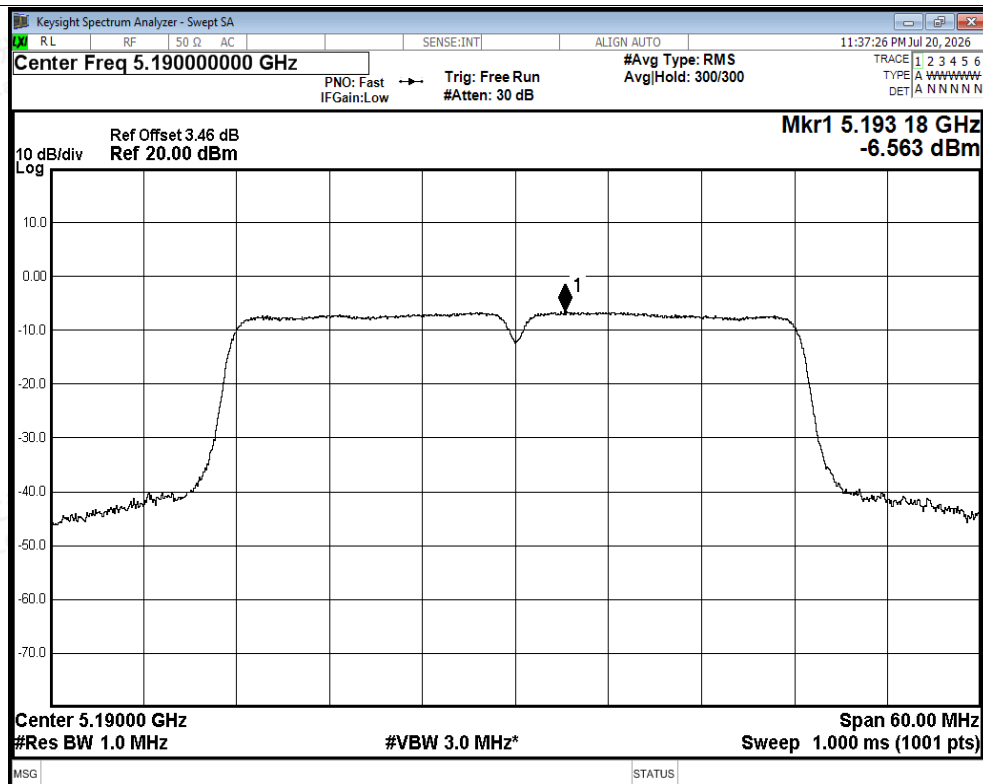
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PSD NVNT ax20 5240MHz Ant1

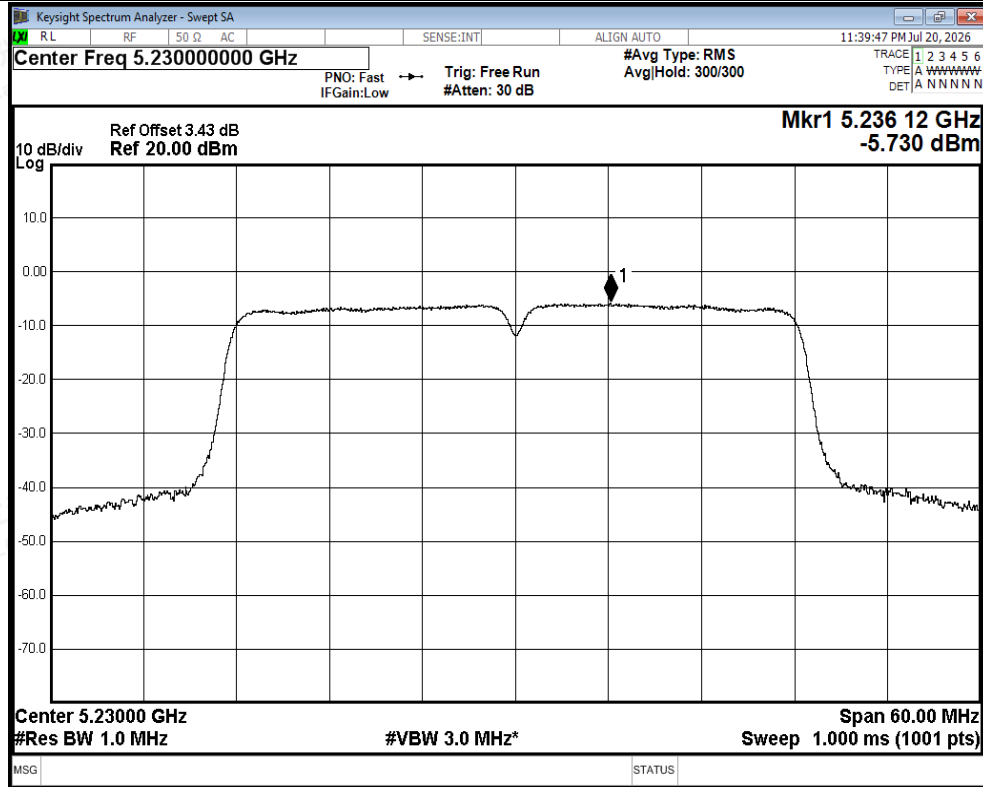


PSD NVNT ax40 5190MHz Ant1

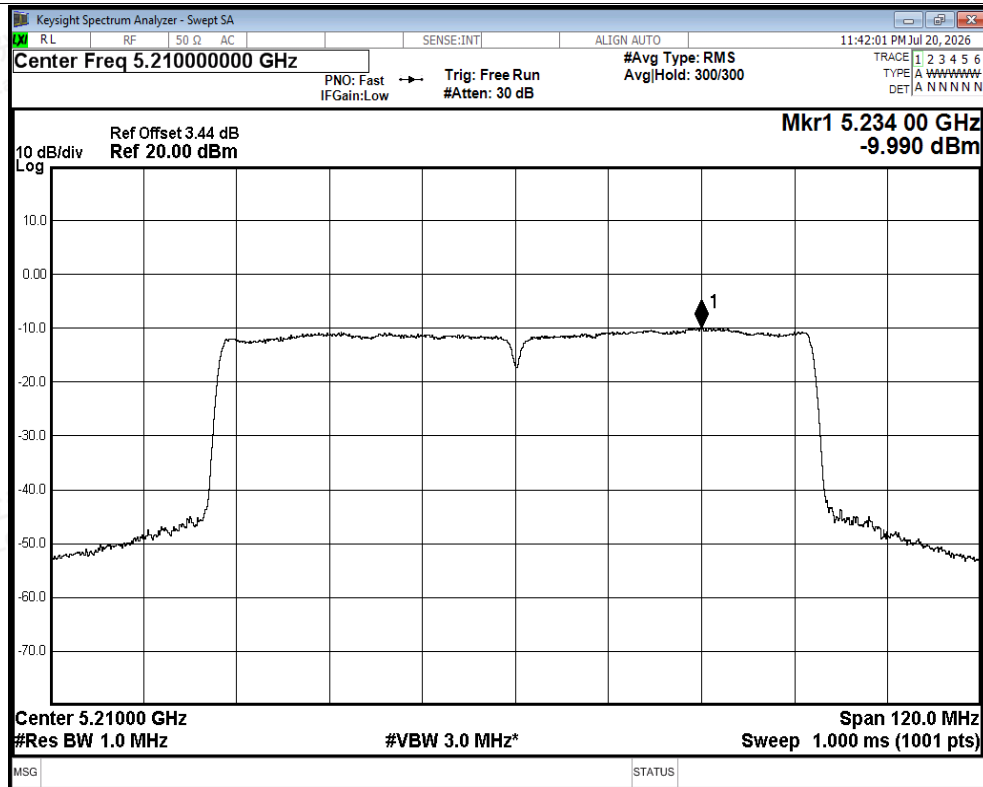
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PSD NVNT ax40 5230MHz Ant1

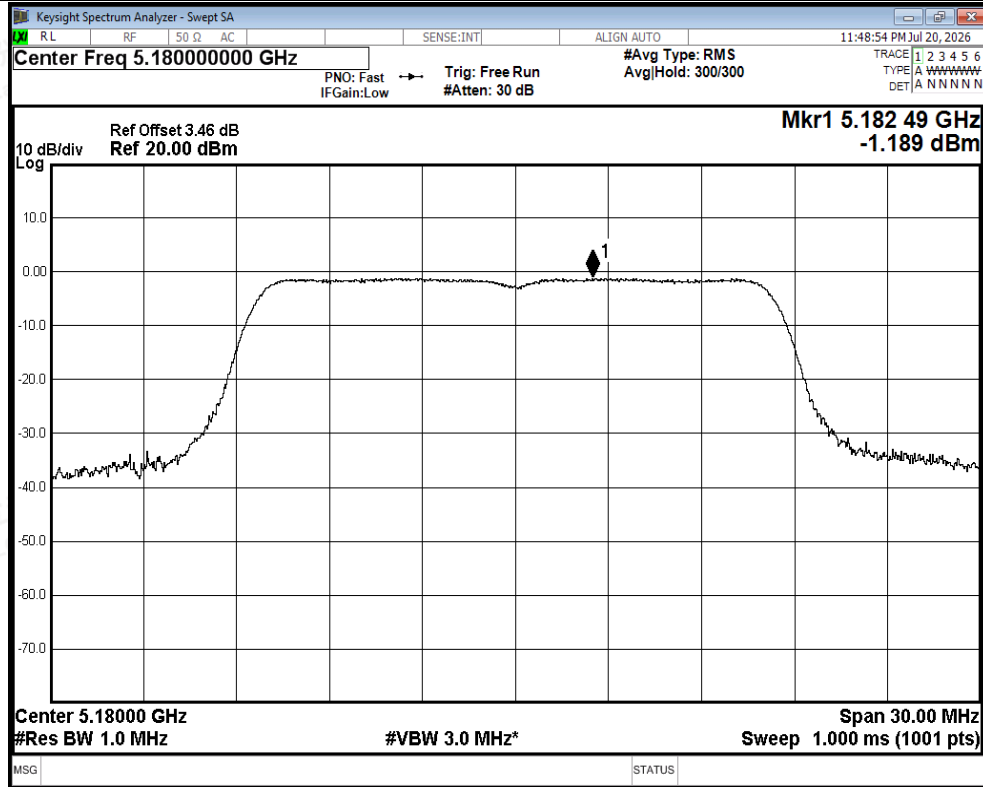


PSD NVNT ax80 5210MHz Ant1

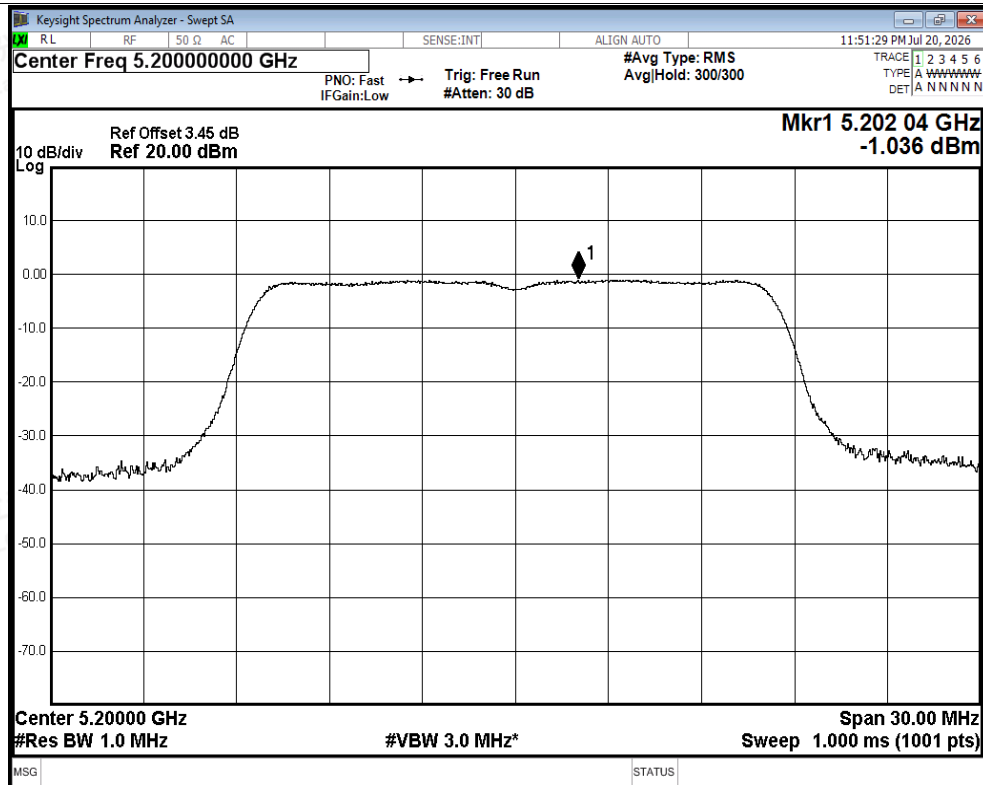
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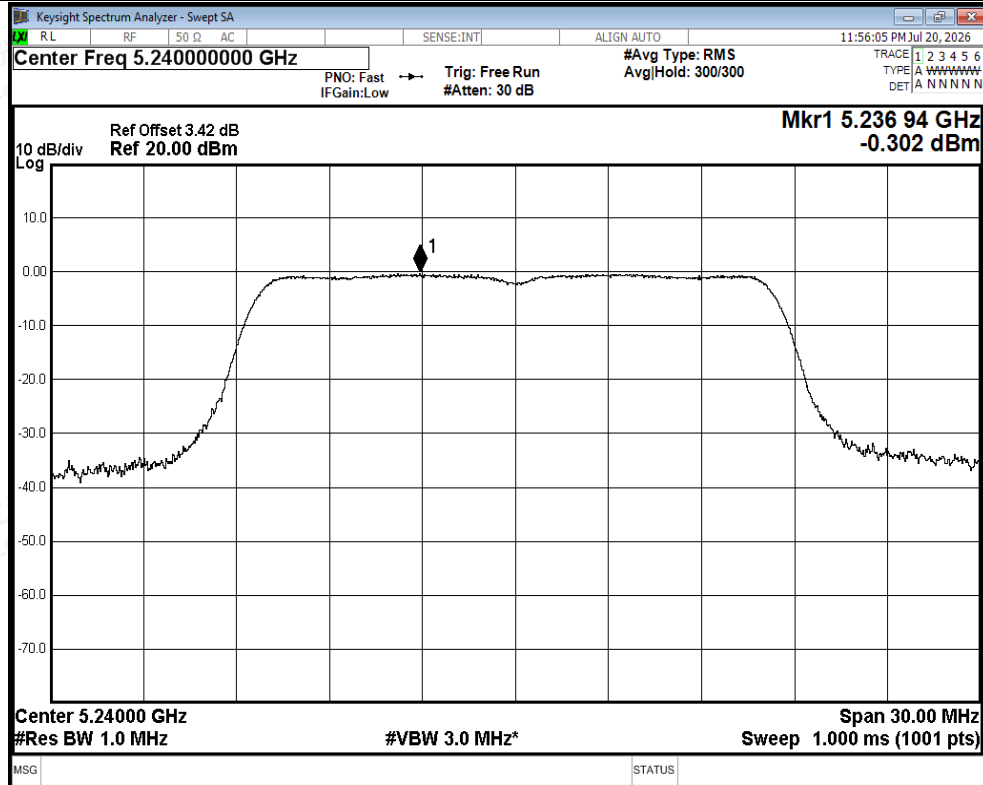
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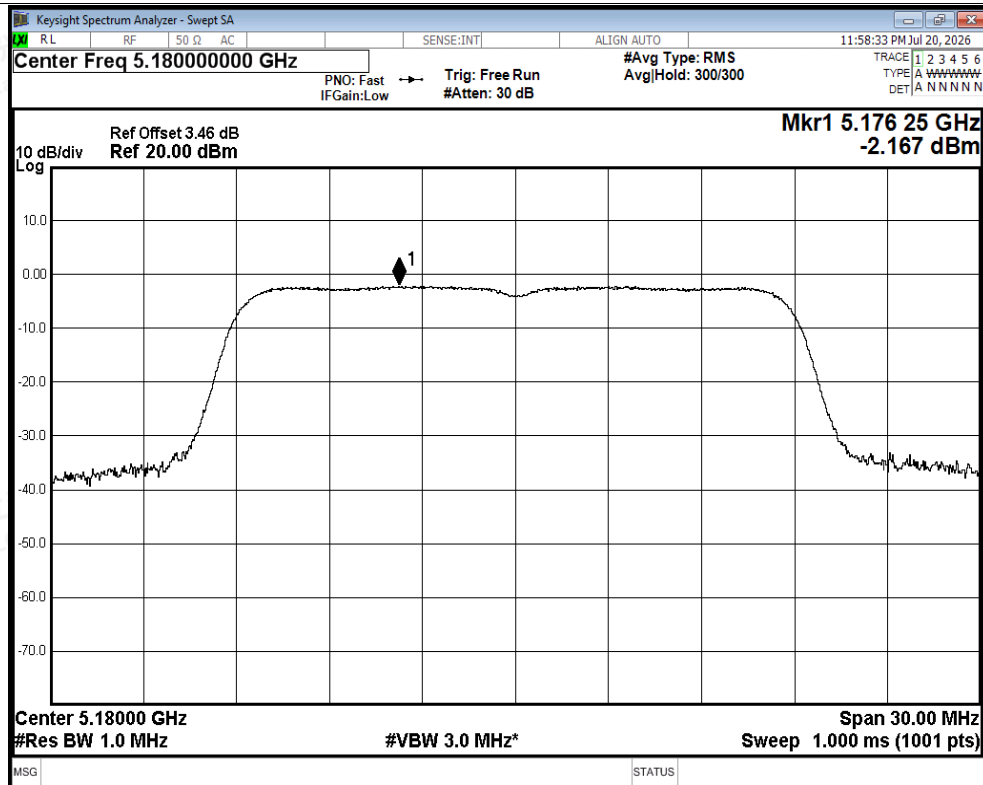
PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



PSD NVNT a 5240MHz Ant2

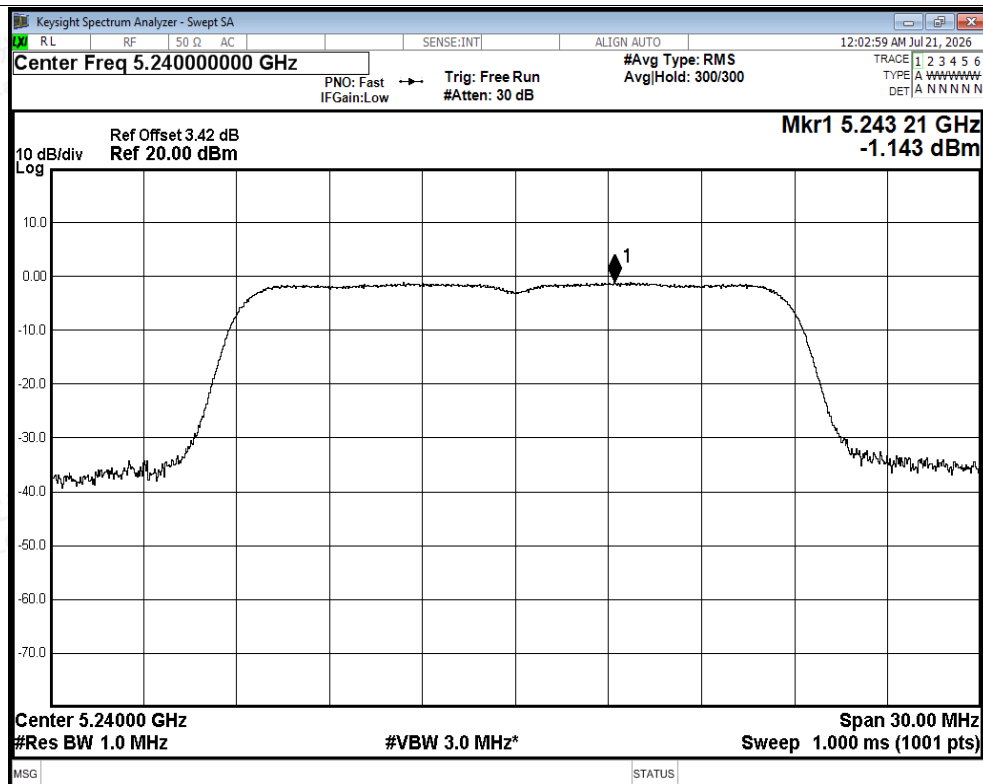
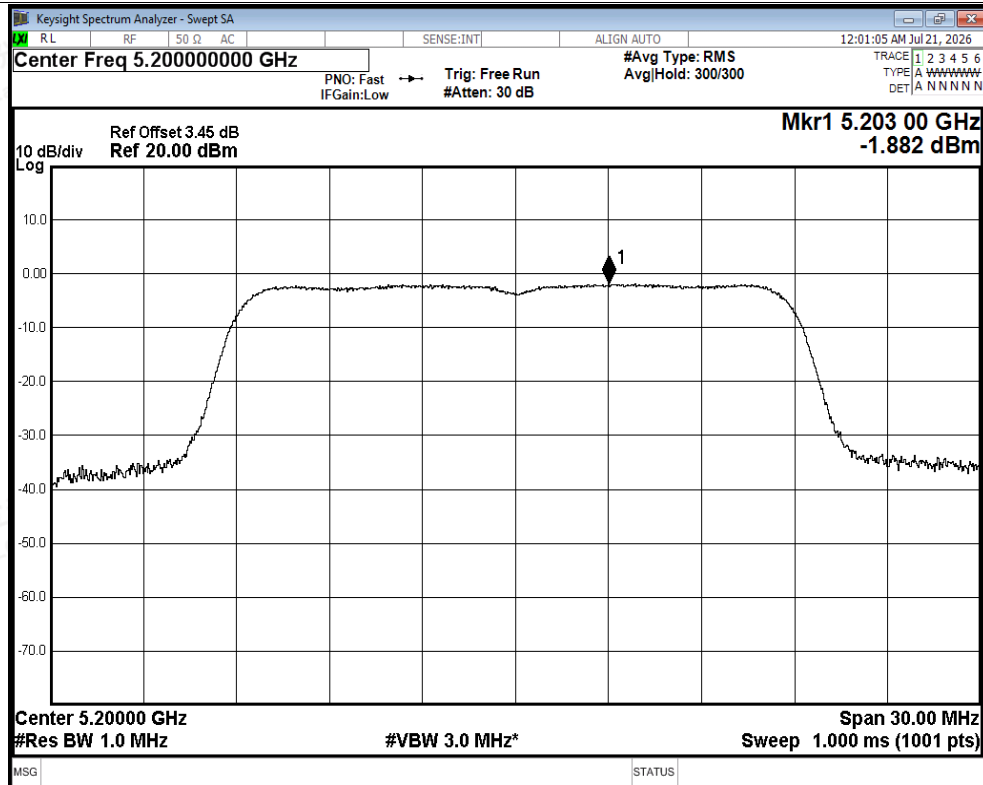


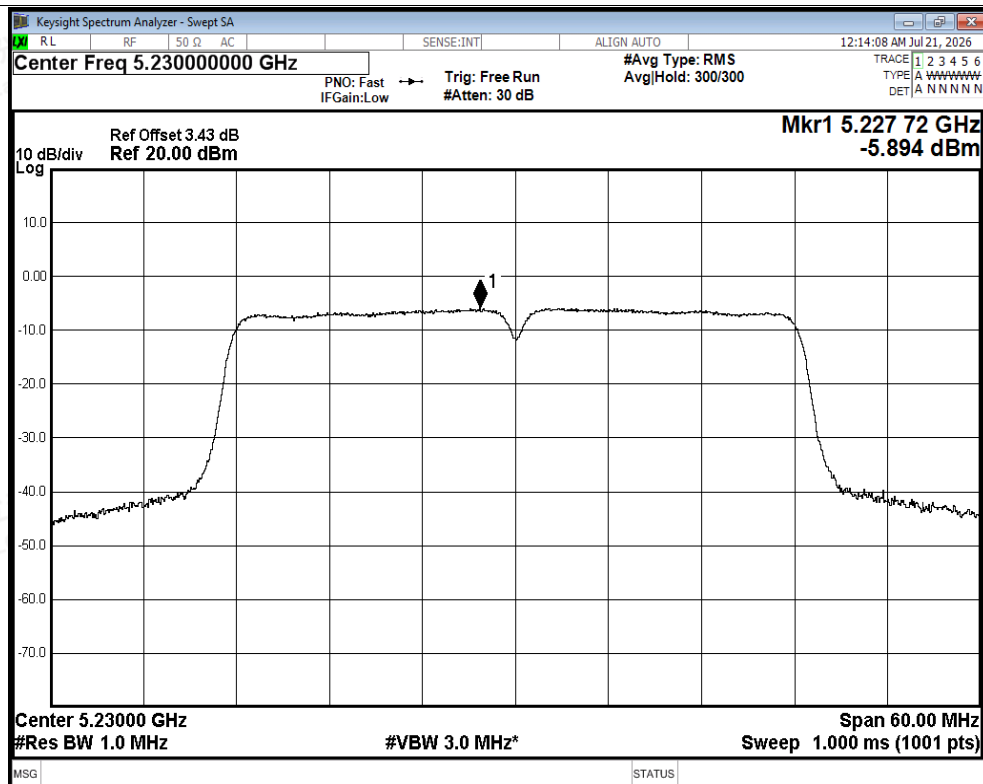
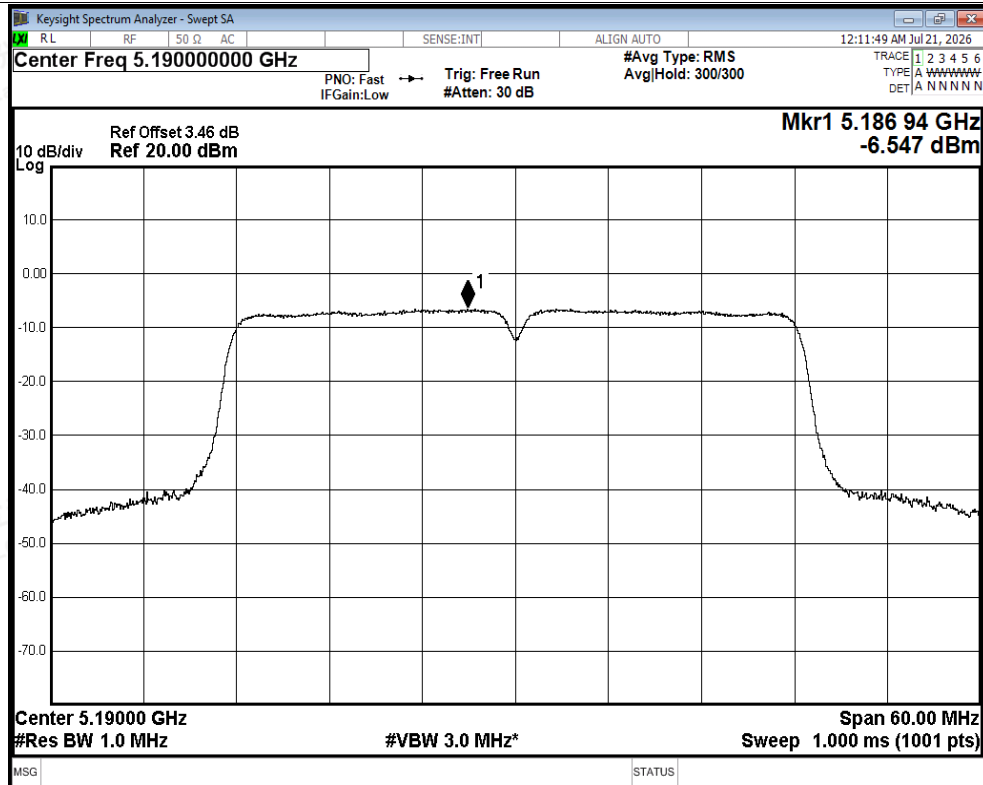
PSD NVNT n20 5180MHz Ant2

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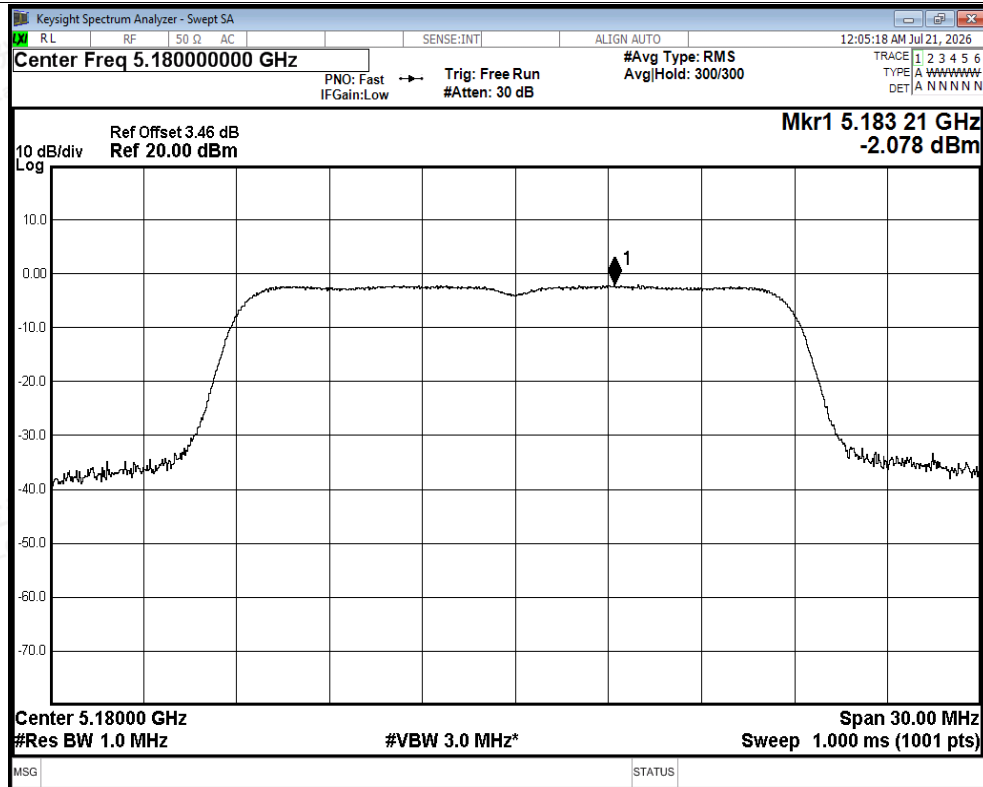




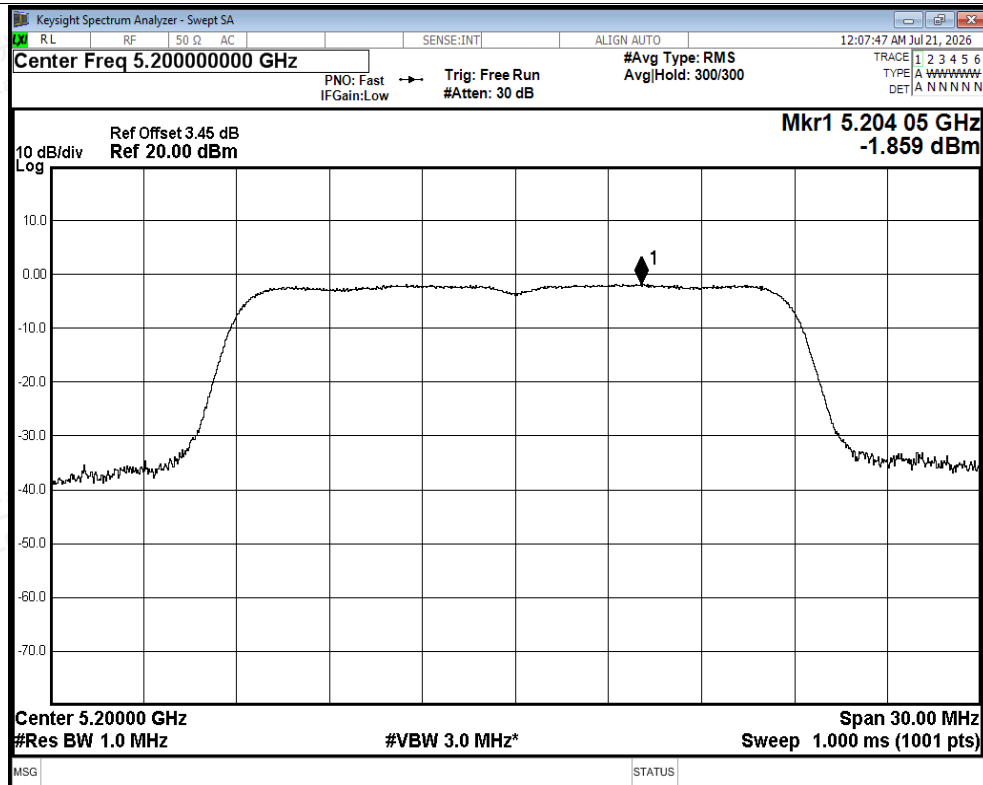
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PSD NVNT ac20 5180MHz Ant2

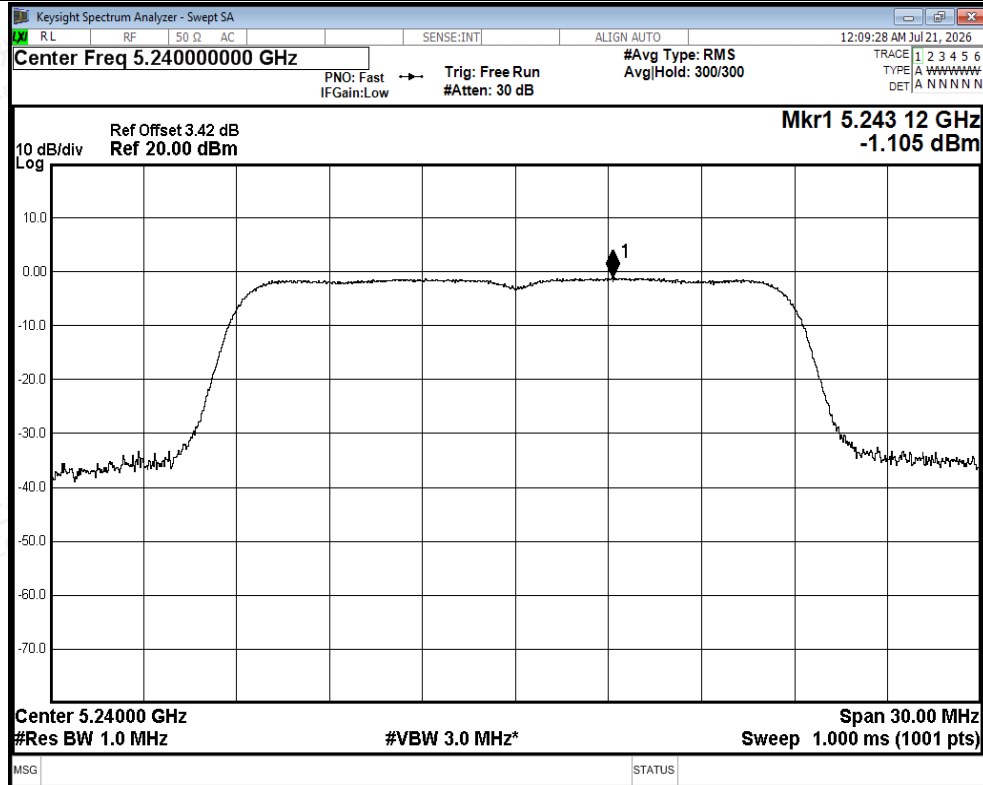


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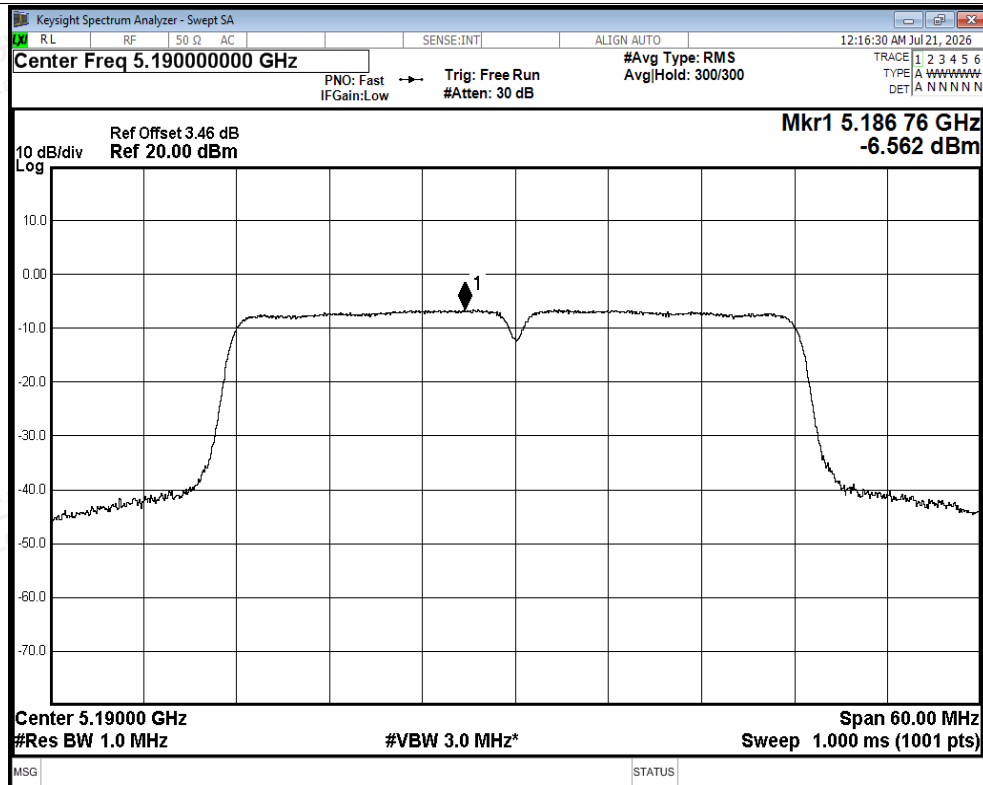
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PSD NVNT ac20 5240MHz Ant2

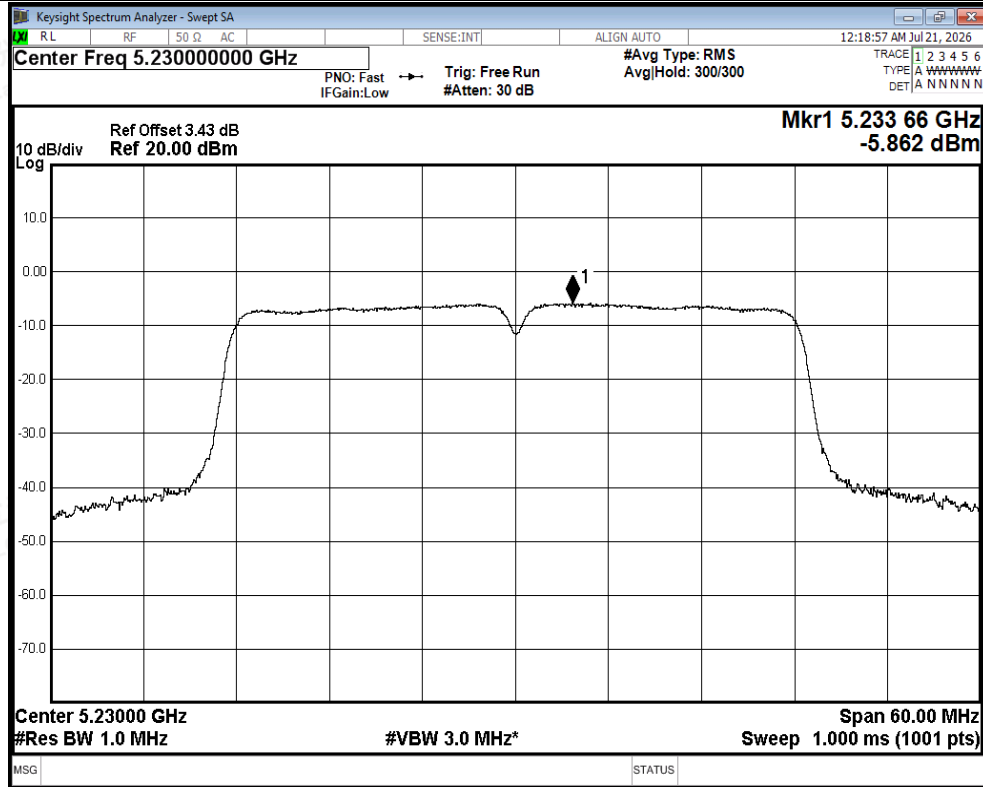


PSD NVNT ac40 5190MHz Ant2

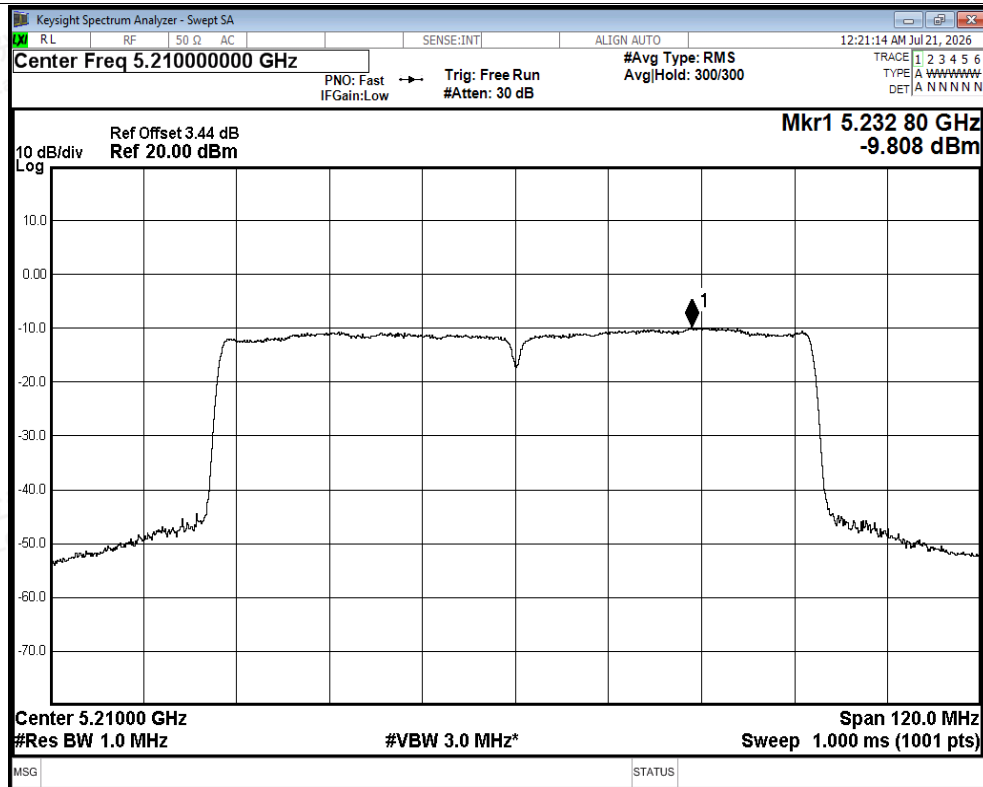
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PSD NVNT ac40 5230MHz Ant2

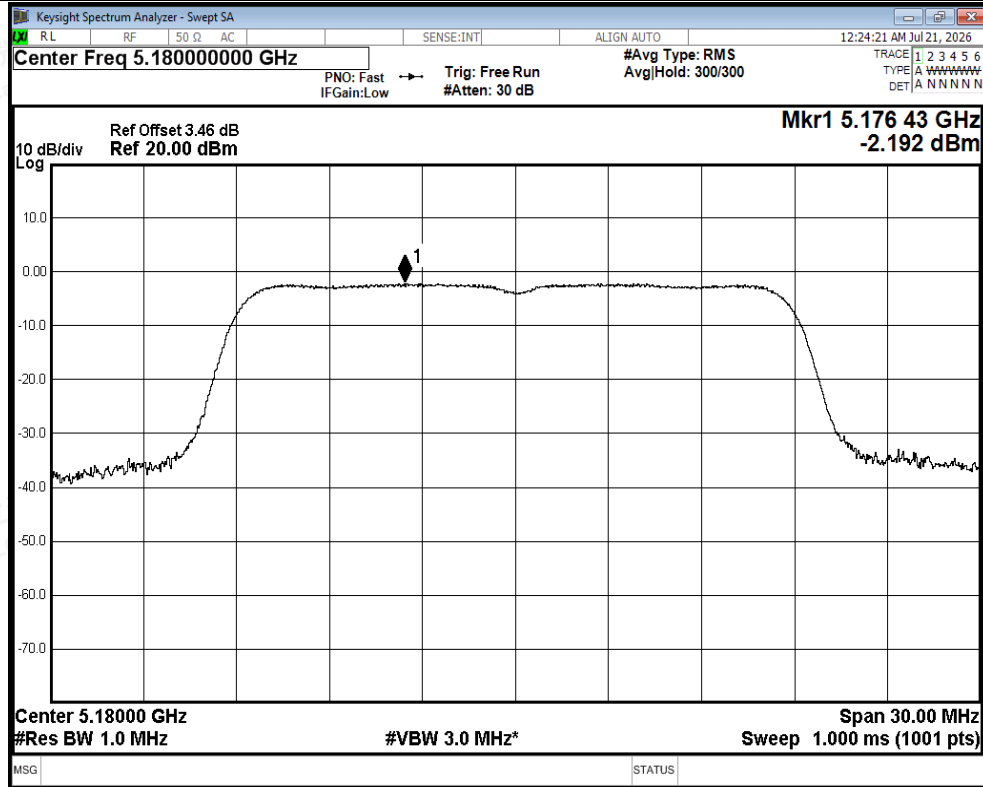


PSD NVNT ac80 5210MHz Ant2

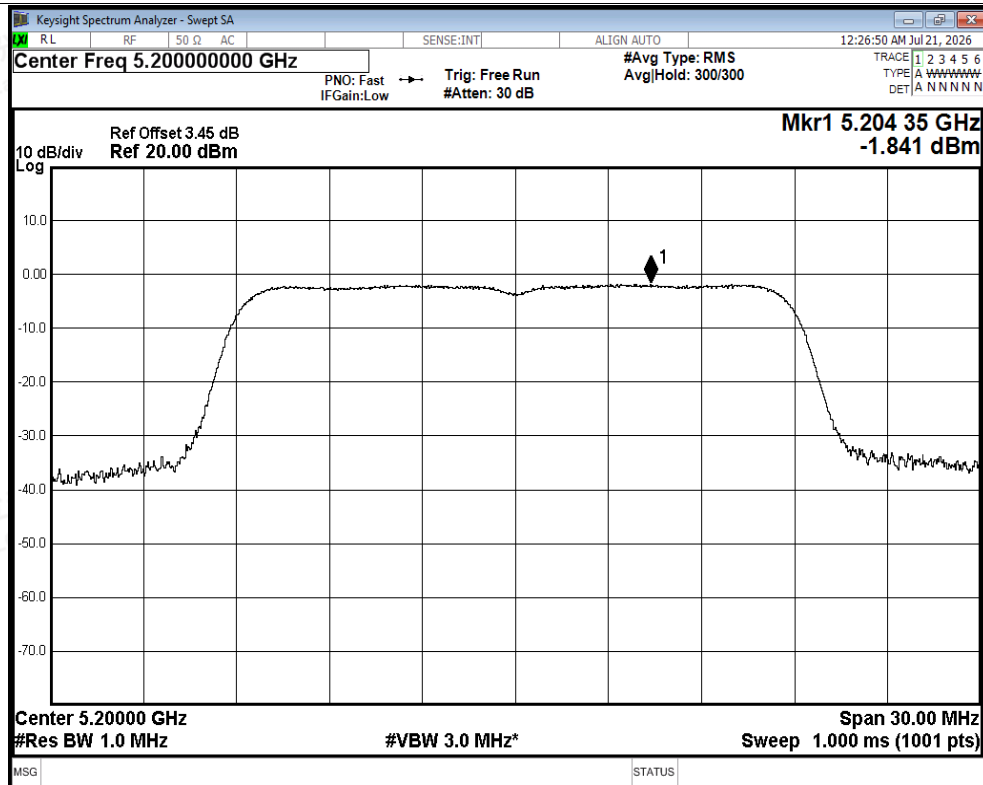
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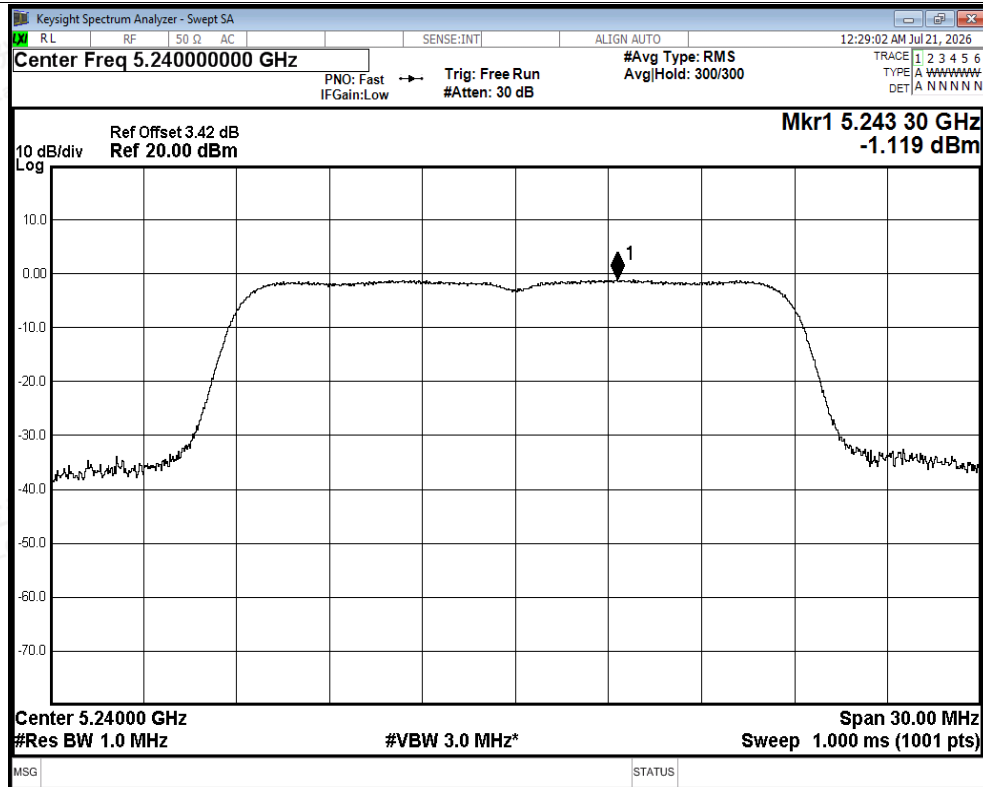
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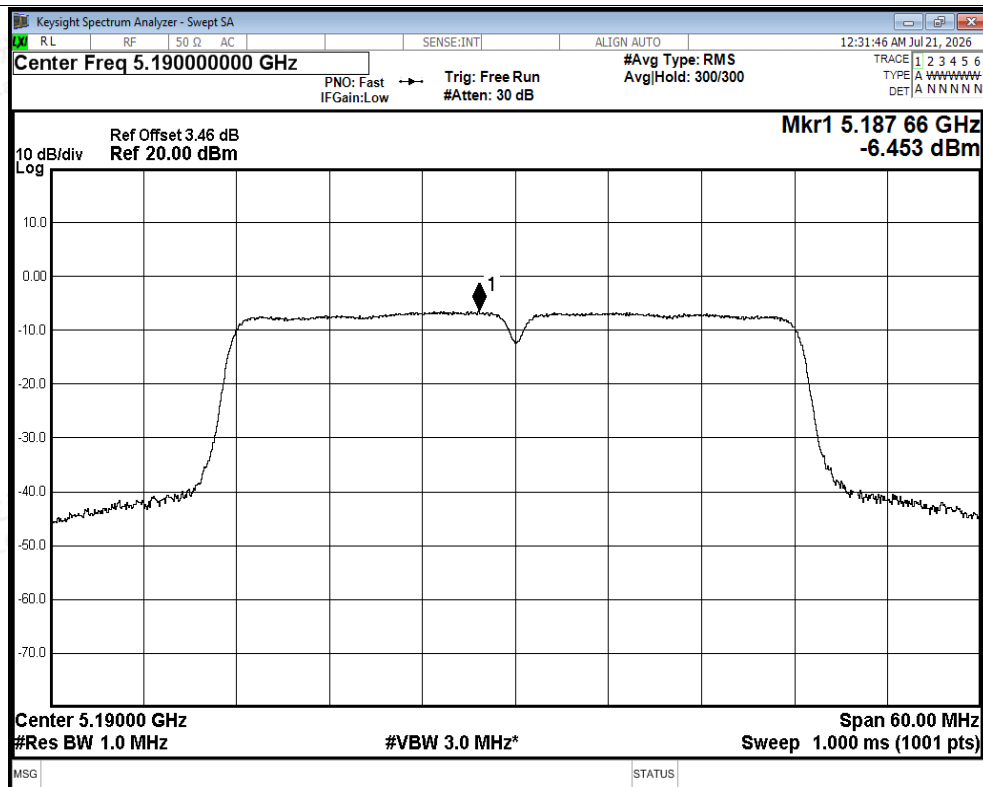
PSD NVNT ax20 5180MHz Ant2



PSD NVNT ax20 5200MHz Ant2



PSD NVNT ax20 5240MHz Ant2

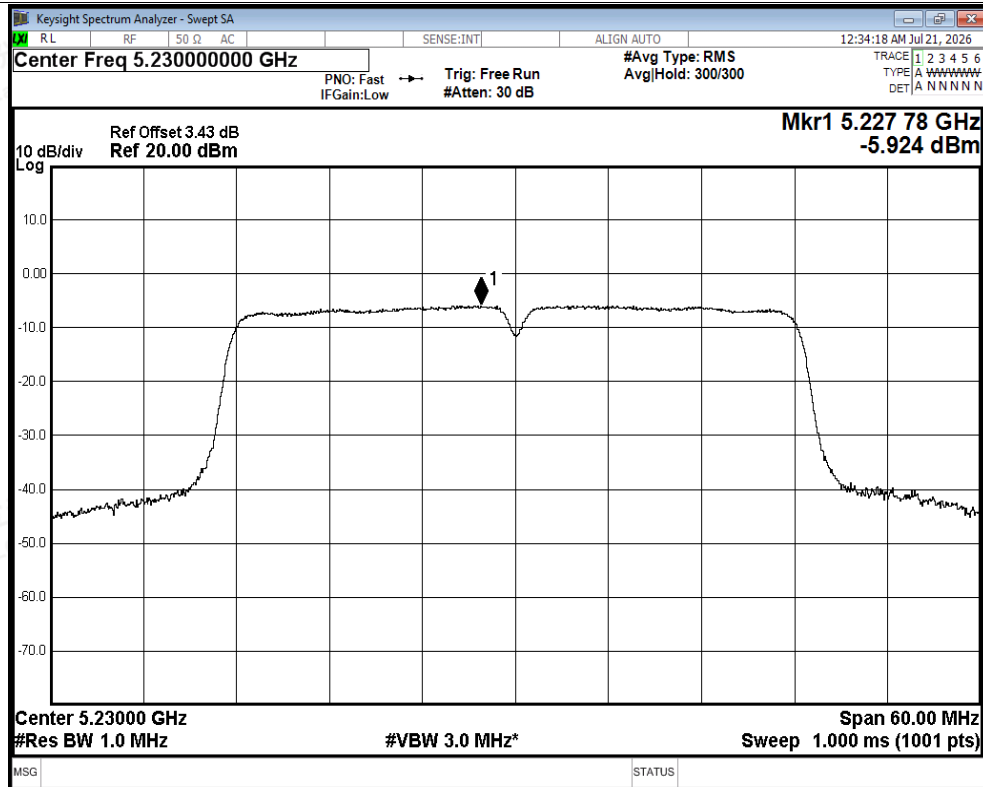


PSD NVNT ax40 5190MHz Ant2

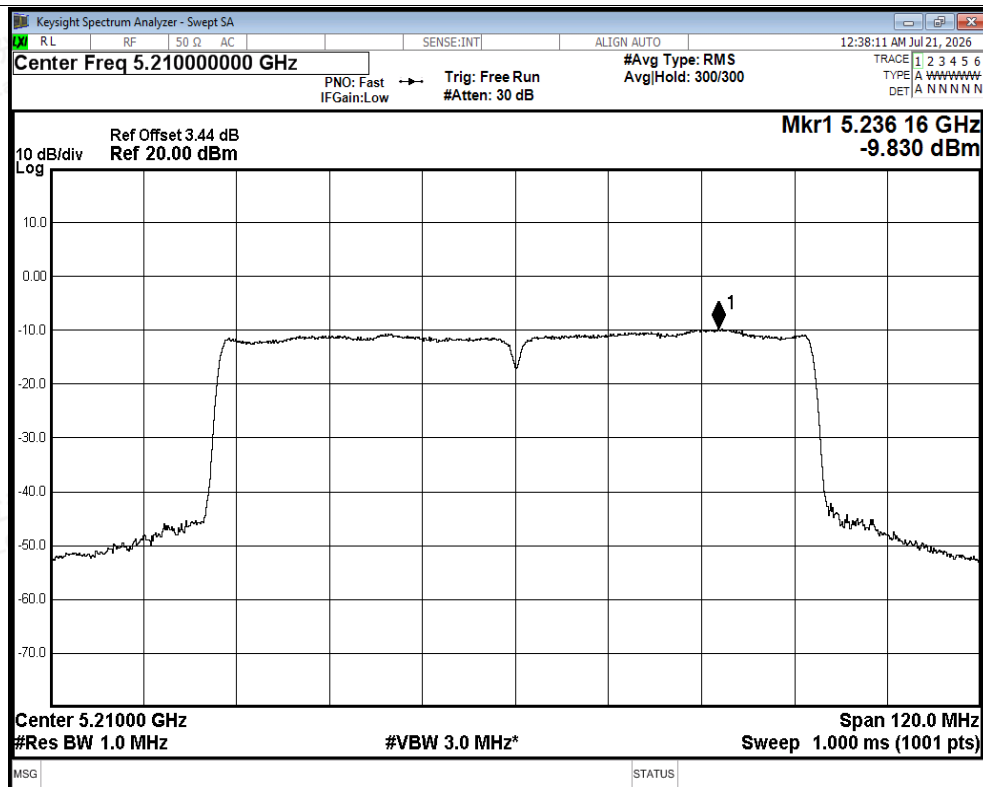
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PSD NVNT ax40 5230MHz Ant2



PSD NVNT ax80 5210MHz Ant2

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## D.4 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | a    | 5180            | Ant1    | 4500            | -60.23      | 4.24       | 39.24      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 4500            | -68.12      | 4.24       | 31.35      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -53.88      | 4.24       | 45.59      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5149.6          | -62.26      | 4.24       | 37.21      | Average  | 54             | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -53.62      | 4.24       | 45.85      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5180            | Ant1    | 5150            | -61.93      | 4.24       | 37.54      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -49.99      | 4.24       | 49.48      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5350            | -57.25      | 4.24       | 42.22      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5433.84         | -47.12      | 4.24       | 52.35      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5433.12         | -56.44      | 4.24       | 43.03      | Average  | 54             | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -49.65      | 4.24       | 49.82      | Peak     | 68.2           | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5460            | -56.62      | 4.24       | 42.85      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -51.46      | 4.24       | 48.01      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4500            | -58.15      | 4.24       | 41.32      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 4887.8          | -46.15      | 4.24       | 53.32      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5149.6          | -55.53      | 4.24       | 43.94      | Average  | 54             | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -48.57      | 4.24       | 50.90      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5150            | -55.41      | 4.24       | 44.06      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -50.48      | 4.24       | 48.99      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5350            | -57.04      | 4.24       | 42.43      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5457.12         | -46.79      | 4.24       | 52.68      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5448.24         | -56.46      | 4.24       | 43.01      | Average  | 54             | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -50.21      | 4.24       | 49.26      | Peak     | 68.2           | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5460            | -56.7       | 4.24       | 42.77      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -61.84      | 4.24       | 37.63      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 4500            | -68.14      | 4.24       | 31.33      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5146.05         | -52.1       | 4.24       | 47.37      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5149.7          | -57.98      | 4.24       | 41.49      | Average  | 54             | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -52.27      | 4.24       | 47.20      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 5150            | -56.63      | 4.24       | 42.84      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -50.91      | 4.24       | 48.56      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5350            | -56.9       | 4.24       | 42.57      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5417.07         | -46.61      | 4.24       | 52.86      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5450.82         | -56.07      | 4.24       | 43.40      | Average  | 54             | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -49.83      | 4.24       | 49.64      | Peak     | 68.2           | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 5460            | -56.34      | 4.24       | 43.13      | Average  | 54             | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -51.76      | 4.24       | 47.71      | Peak     | 68.2           | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 4500            | -58.3       | 4.24       | 41.17      | Average  | 54             | Pass    |

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