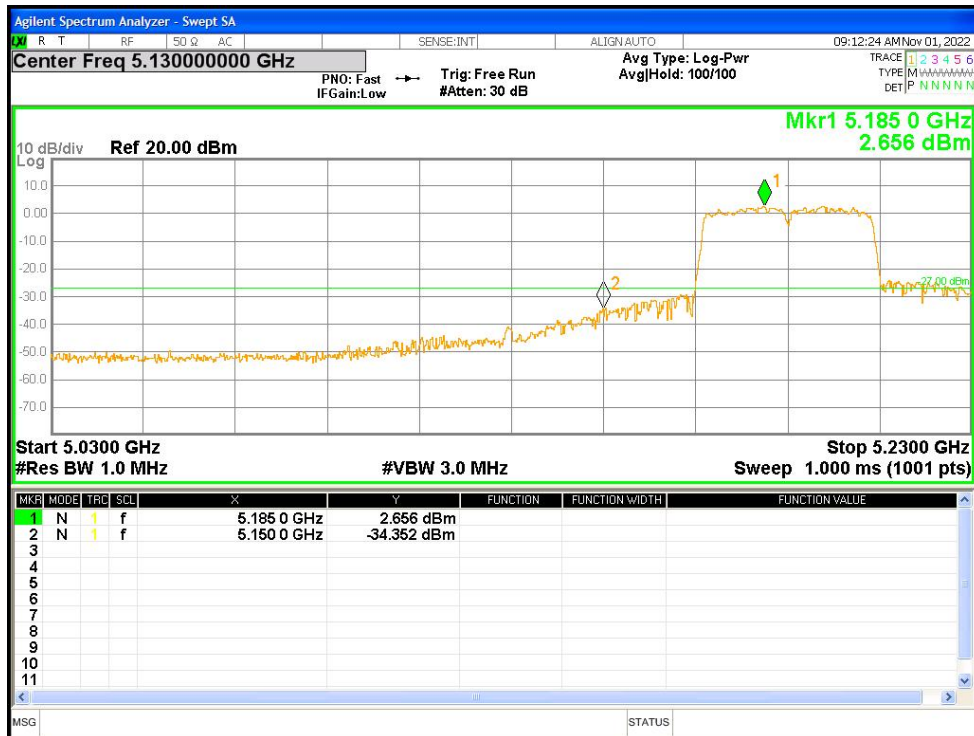
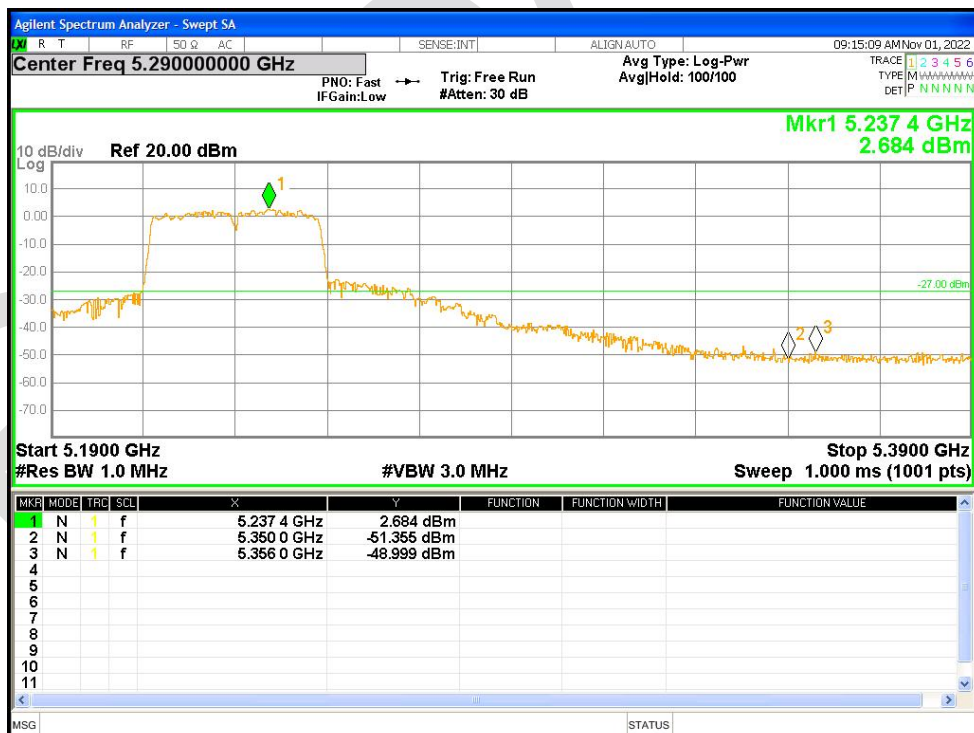


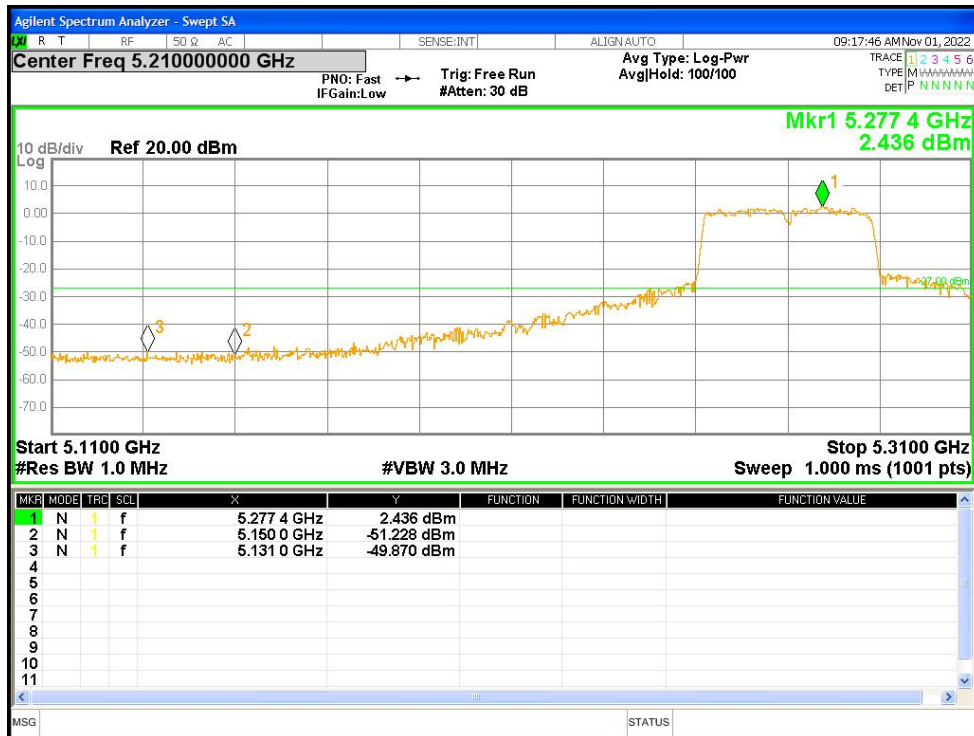
### Band Edge NVNT n40 5190MHz Low Ant1



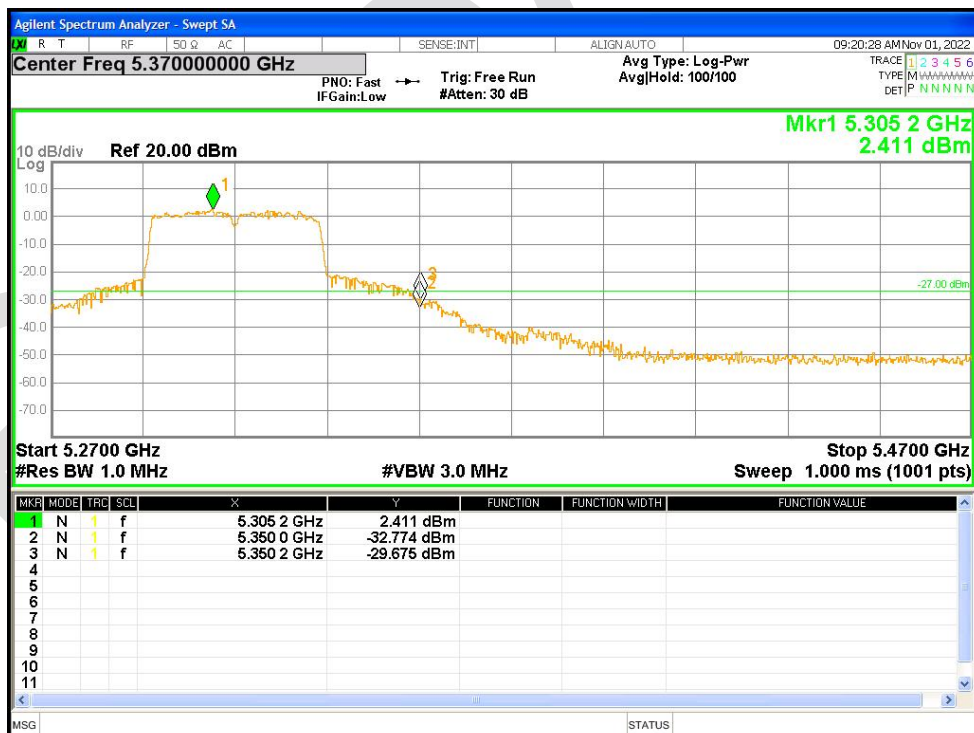
### Band Edge NVNT n40 5230MHz High Ant1



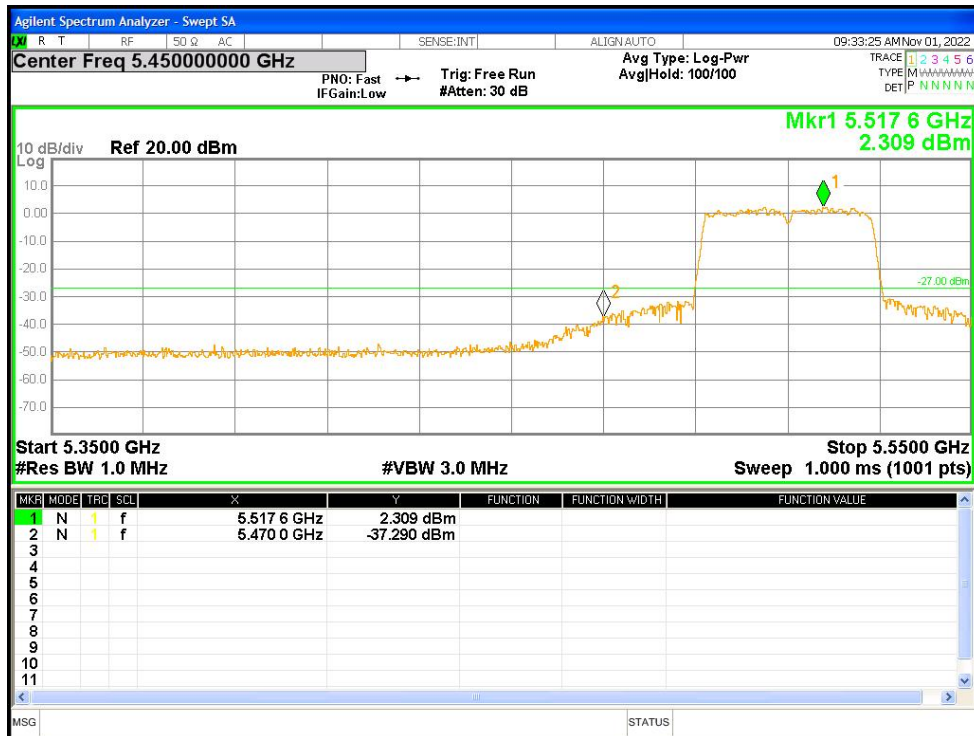
### Band Edge NVNT n40 5270MHz Low Ant1



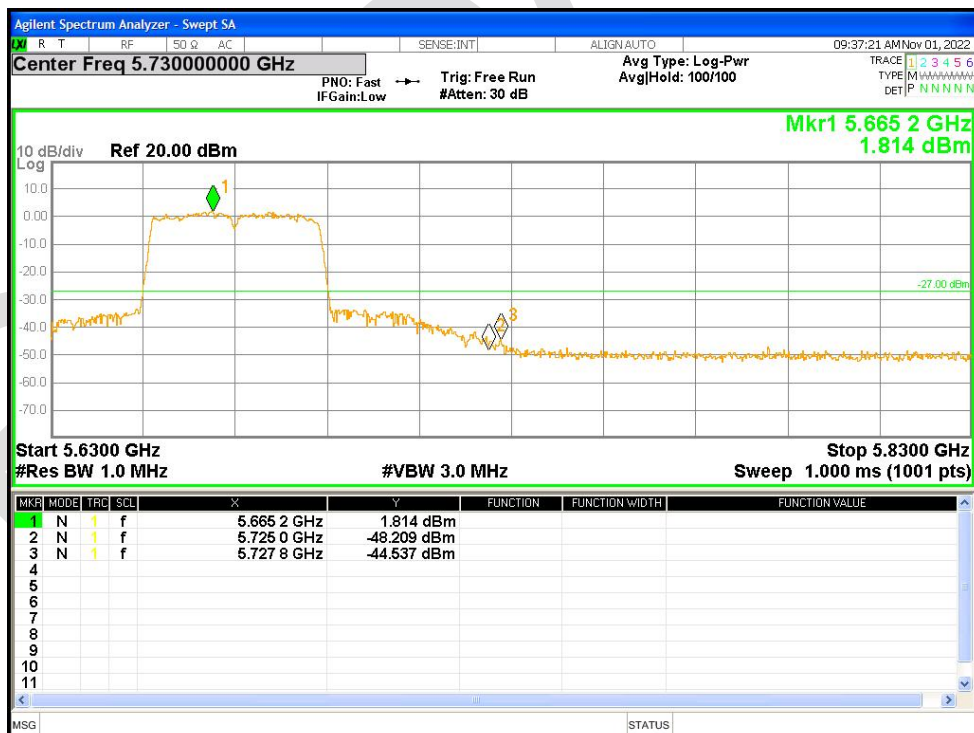
### Band Edge NVNT n40 5310MHz High Ant1



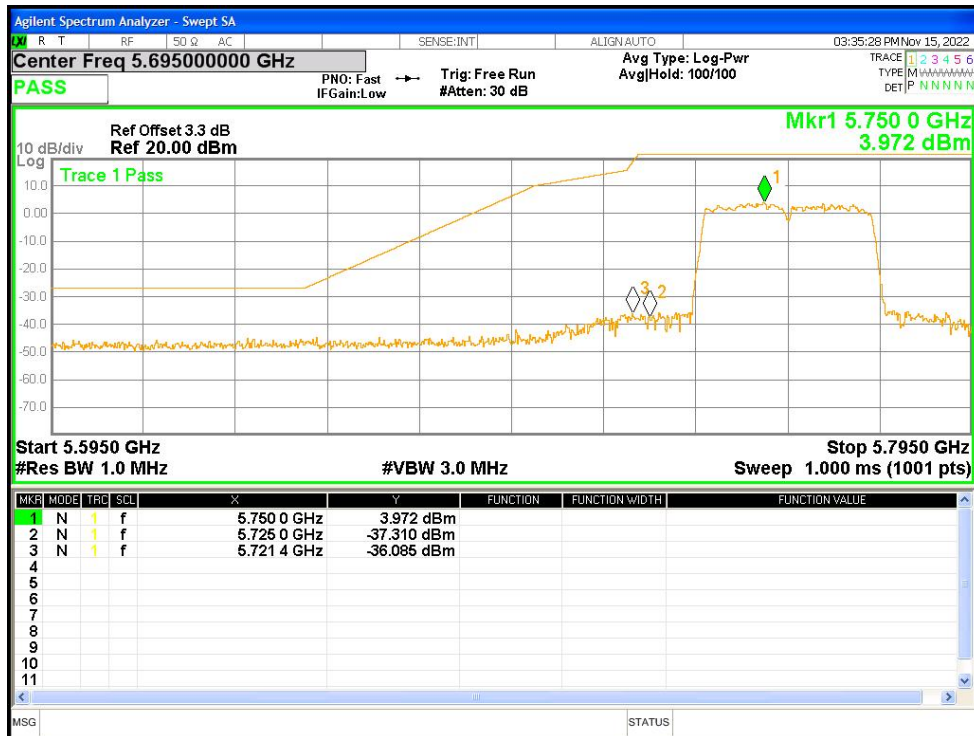
### Band Edge NVNT n40 5510MHz Low Ant1



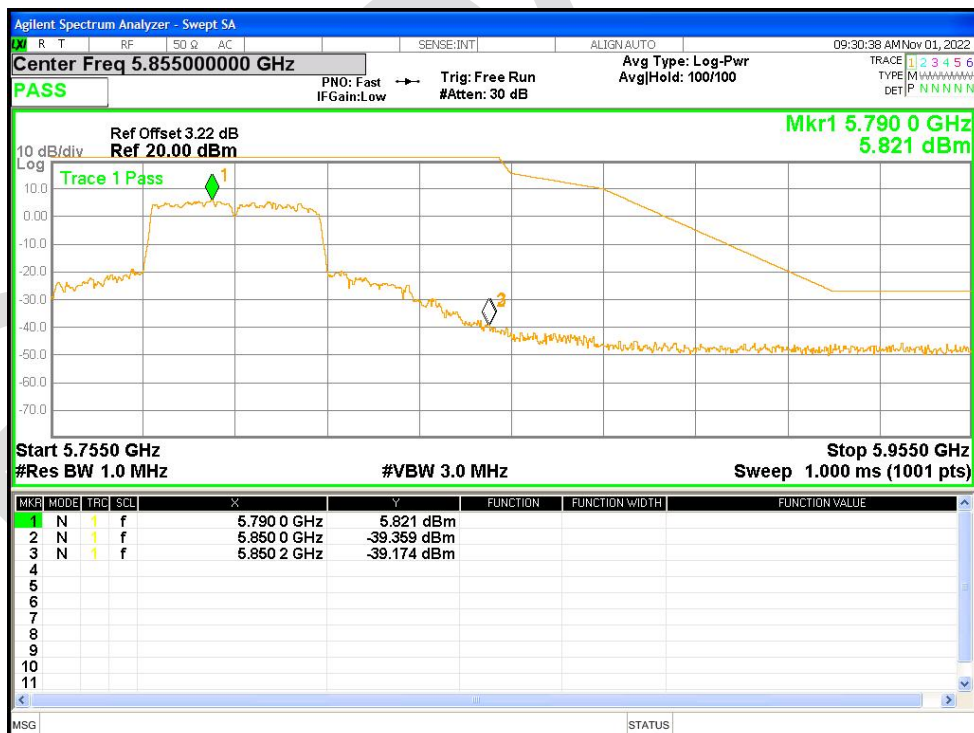
### Band Edge NVNT n40 5670MHz High Ant1



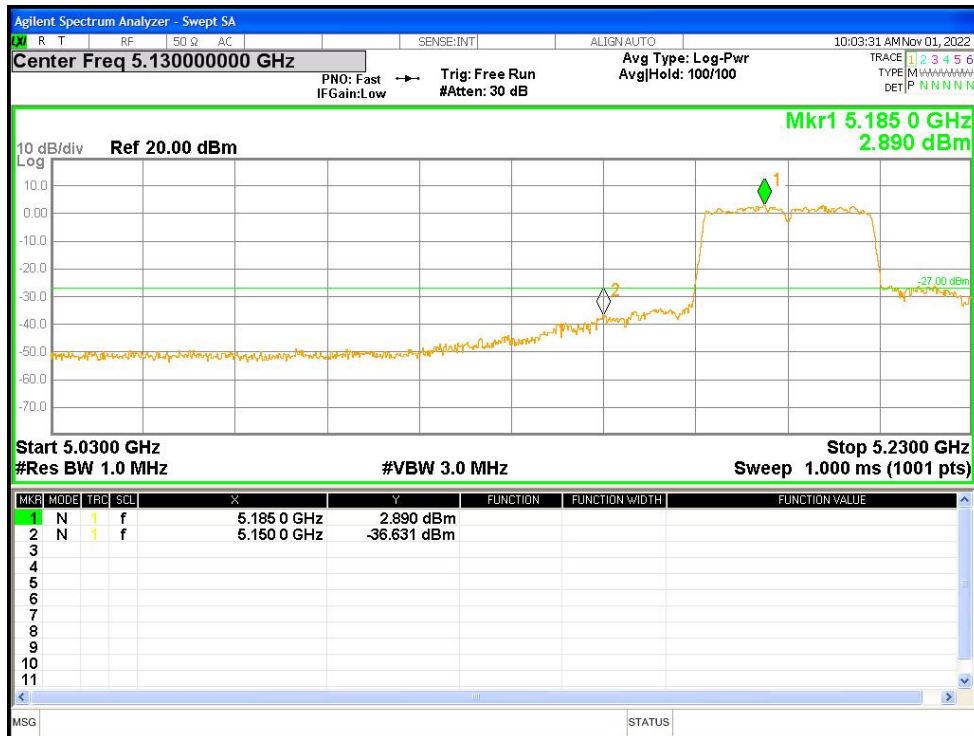
### Band Edge NVNT n40 5755MHz Low Ant1



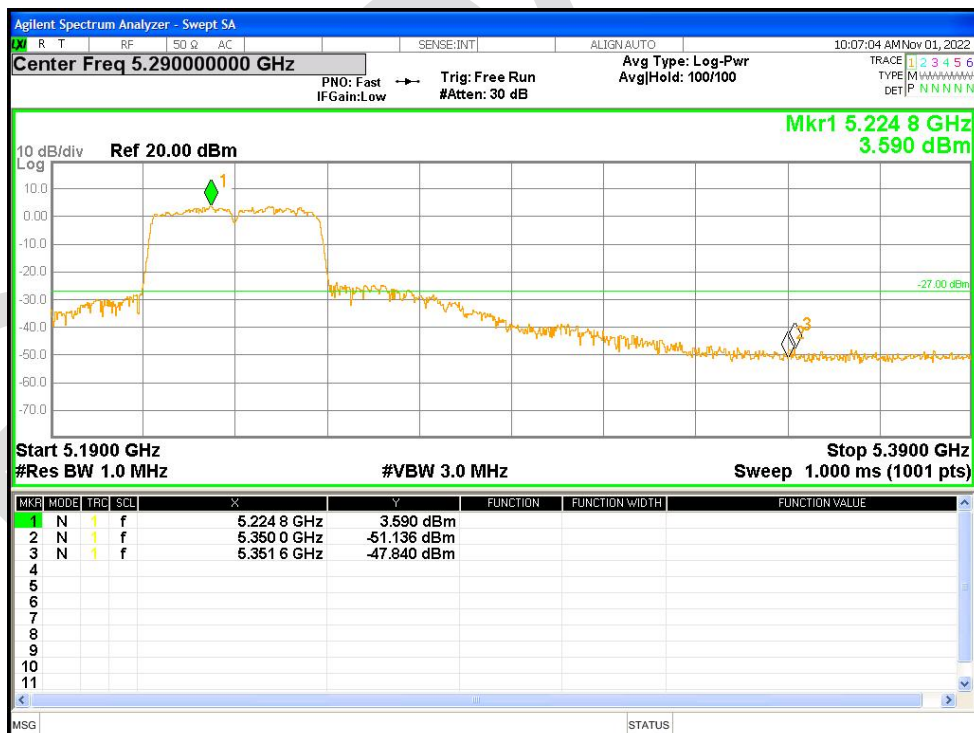
### Band Edge NVNT n40 5795MHz High Ant1



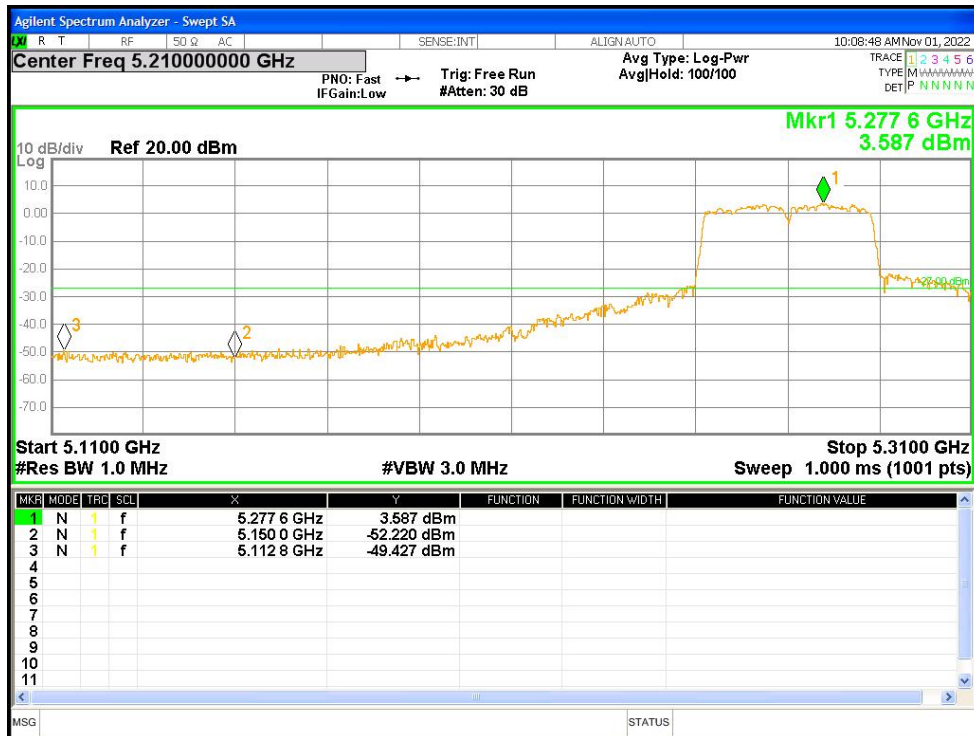
### Band Edge NVNT n40 5190MHz Low Ant2



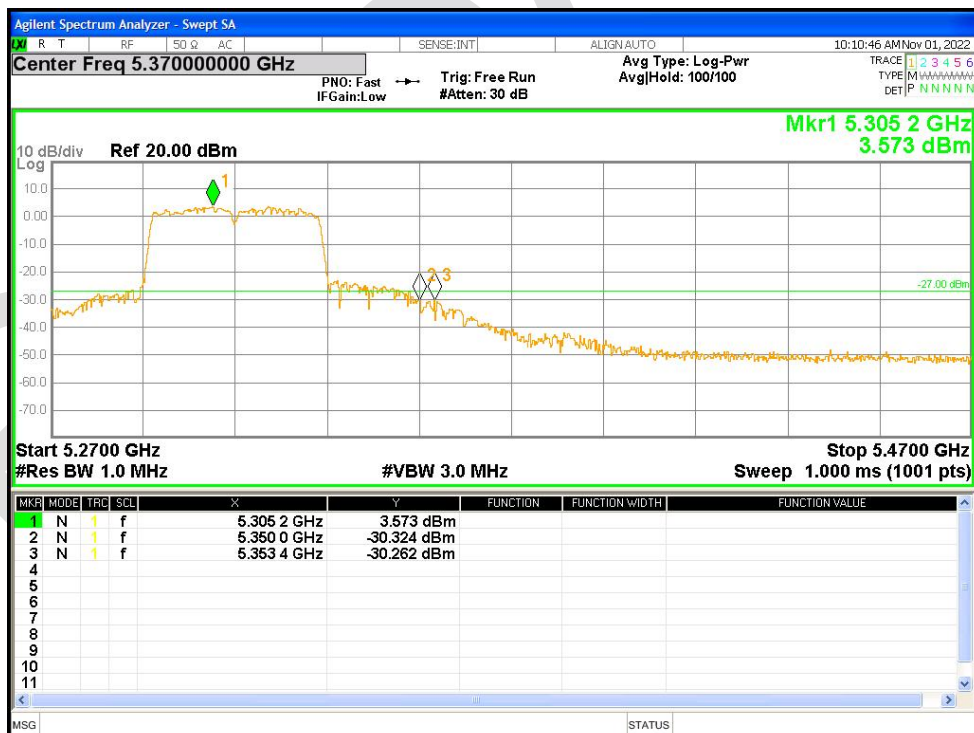
### Band Edge NVNT n40 5230MHz High Ant2



### Band Edge NVNT n40 5270MHz Low Ant2



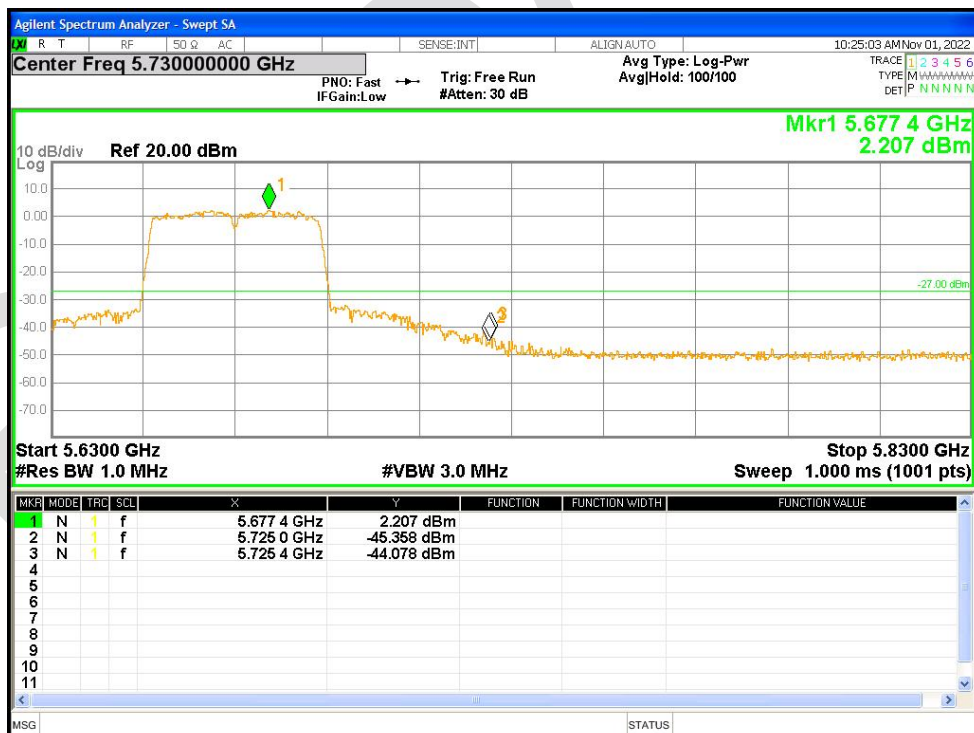
### Band Edge NVNT n40 5310MHz High Ant2



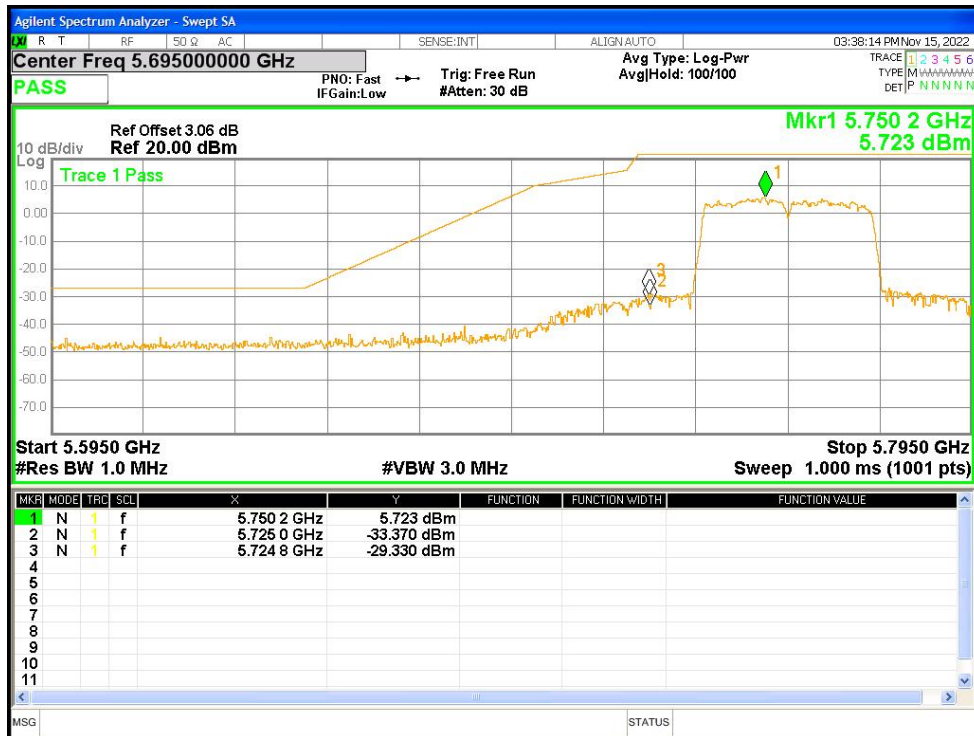
### Band Edge NVNT n40 5510MHz Low Ant2



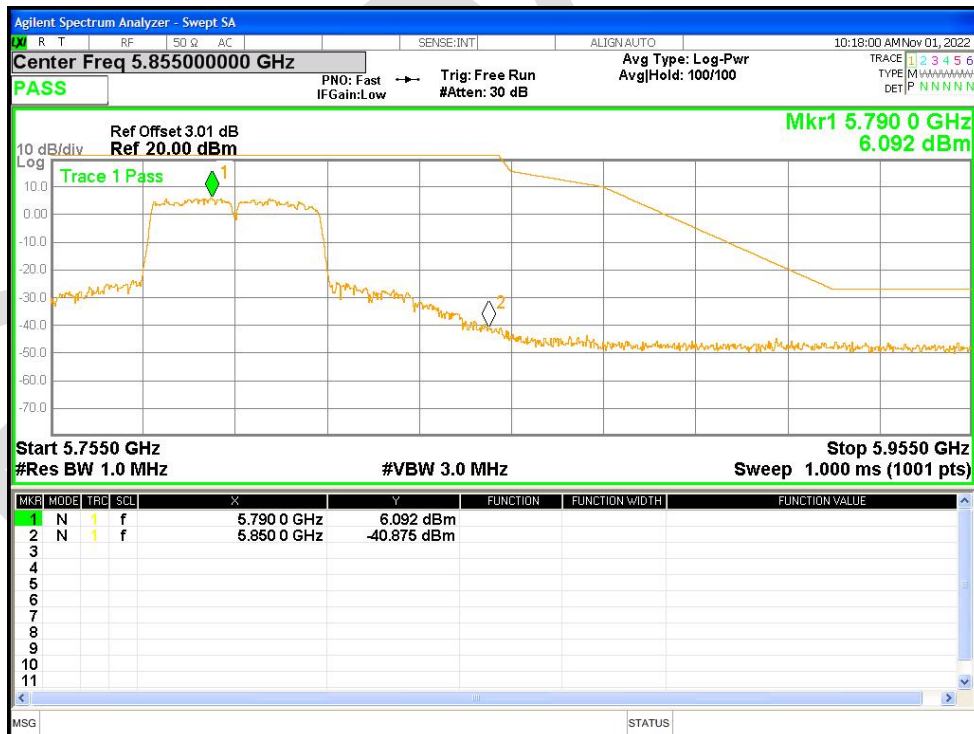
### Band Edge NVNT n40 5670MHz High Ant2



### Band Edge NVNT n40 5755MHz Low Ant2



### Band Edge NVNT n40 5795MHz High Ant2



### 23.7 FREQUENCY STABILITY

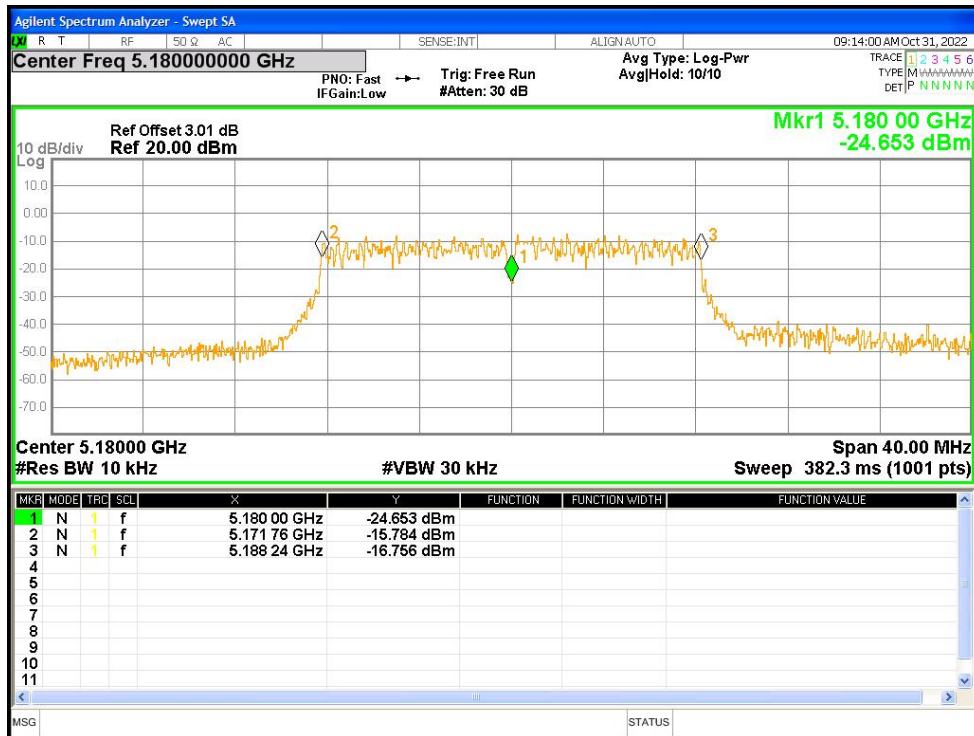
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 5240                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5260            | Ant1    | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| NVNT      | a    | 5280            | Ant1    | 5279.98                  | -20000               | -3.79           | 25          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 5320                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5500            | Ant1    | 5500                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5600            | Ant1    | 5600                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 5699.98                  | -20000               | -3.51           | 25          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5180            | Ant2    | 5180                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5200            | Ant2    | 5200                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5240            | Ant2    | 5240                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5260            | Ant2    | 5260                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5280            | Ant2    | 5280                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5320            | Ant2    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | a    | 5500            | Ant2    | 5500                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5600            | Ant2    | 5600                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5700            | Ant2    | 5699.98                  | -20000               | -3.51           | 25          | Pass    |
| NVNT      | a    | 5745            | Ant2    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5785            | Ant2    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 5259.98                  | -20000               | -3.8            | 25          | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | 5279.98                  | -20000               | -3.79           | 25          | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 5499.98                  | -20000               | -3.64           | 25          | Pass    |
| NVNT      | ac20 | 5600            | Ant1    | 5599.98                  | -20000               | -3.57           | 25          | Pass    |
| NVNT      | ac20 | 5700            | Ant1    | 5699.98                  | -20000               | -3.51           | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | ac20 | 5180            | Ant2    | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| NVNT      | ac20 | 5200            | Ant2    | 5199.98                  | -20000               | -3.85           | 25          | Pass    |
| NVNT      | ac20 | 5240            | Ant2    | 5239.98                  | -20000               | -3.82           | 25          | Pass    |
| NVNT      | ac20 | 5260            | Ant2    | 5260                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5280            | Ant2    | 5279.98                  | -20000               | -3.79           | 25          | Pass    |
| NVNT      | ac20 | 5320            | Ant2    | 5319.98                  | -20000               | -3.76           | 25          | Pass    |
| NVNT      | ac20 | 5500            | Ant2    | 5499.98                  | -20000               | -3.64           | 25          | Pass    |

|      |      |      |      |         |        |        |    |      |
|------|------|------|------|---------|--------|--------|----|------|
| NVNT | ac20 | 5600 | Ant2 | 5599.98 | -20000 | -3.57  | 25 | Pass |
| NVNT | ac20 | 5700 | Ant2 | 5699.98 | -20000 | -3.51  | 25 | Pass |
| NVNT | ac20 | 5745 | Ant2 | 5744.98 | -20000 | -3.48  | 25 | Pass |
| NVNT | ac20 | 5785 | Ant2 | 5784.98 | -20000 | -3.46  | 25 | Pass |
| NVNT | ac20 | 5825 | Ant2 | 5824.98 | -20000 | -3.43  | 25 | Pass |
| NVNT | ac20 | 5180 | Sum  | 5180.02 | 20000  | 3.86   | 25 | Pass |
| NVNT | ac20 | 5200 | Sum  | 5200    | 0      | 0      | 25 | Pass |
| NVNT | ac20 | 5240 | Sum  | 5240    | 0      | 0      | 25 | Pass |
| NVNT | ac20 | 5260 | Sum  | 5260    | 0      | 0      | 25 | Pass |
| NVNT | ac20 | 5280 | Sum  | 5280.02 | 20000  | 3.79   | 25 | Pass |
| NVNT | ac20 | 5320 | Sum  | 5320    | 0      | 0      | 25 | Pass |
| NVNT | ac20 | 5500 | Sum  | 5500    | 0      | 0      | 25 | Pass |
| NVNT | ac20 | 5600 | Sum  | 5600.02 | 20000  | 3.57   | 25 | Pass |
| NVNT | ac20 | 5700 | Sum  | 5700.02 | 20000  | 3.51   | 25 | Pass |
| NVNT | ac20 | 5745 | Sum  | 5745.02 | 20000  | 3.48   | 25 | Pass |
| NVNT | ac20 | 5785 | Sum  | 5785.02 | 20000  | 3.46   | 25 | Pass |
| NVNT | ac20 | 5825 | Sum  | 5825.02 | 20000  | 3.43   | 25 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 5189.96 | -40000 | -7.71  | 25 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 5229.96 | -40000 | -7.65  | 25 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 5269.96 | -40000 | -7.59  | 25 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 5309.96 | -40000 | -7.53  | 25 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 5509.96 | -40000 | -7.26  | 25 | Pass |
| NVNT | ac40 | 5590 | Ant1 | 5589.96 | -40000 | -7.16  | 25 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 5669.96 | -40000 | -7.05  | 25 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5754.96 | -40000 | -6.95  | 25 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5794.96 | -40000 | -6.9   | 25 | Pass |
| NVNT | ac40 | 5190 | Ant2 | 5189.96 | -40000 | -7.71  | 25 | Pass |
| NVNT | ac40 | 5230 | Ant2 | 5229.96 | -40000 | -7.65  | 25 | Pass |
| NVNT | ac40 | 5270 | Ant2 | 5269.96 | -40000 | -7.59  | 25 | Pass |
| NVNT | ac40 | 5310 | Ant2 | 5309.96 | -40000 | -7.53  | 25 | Pass |
| NVNT | ac40 | 5510 | Ant2 | 5509.96 | -40000 | -7.26  | 25 | Pass |
| NVNT | ac40 | 5590 | Ant2 | 5589.96 | -40000 | -7.16  | 25 | Pass |
| NVNT | ac40 | 5670 | Ant2 | 5669.96 | -40000 | -7.05  | 25 | Pass |
| NVNT | ac40 | 5755 | Ant2 | 5754.96 | -40000 | -6.95  | 25 | Pass |
| NVNT | ac40 | 5795 | Ant2 | 5794.96 | -40000 | -6.9   | 25 | Pass |
| NVNT | ac40 | 5190 | Sum  | 5189.96 | -40000 | -7.71  | 25 | Pass |
| NVNT | ac40 | 5230 | Sum  | 5229.96 | -40000 | -7.65  | 25 | Pass |
| NVNT | ac40 | 5270 | Sum  | 5269.96 | -40000 | -7.59  | 25 | Pass |
| NVNT | ac40 | 5310 | Sum  | 5309.96 | -40000 | -7.53  | 25 | Pass |
| NVNT | ac40 | 5510 | Sum  | 5510    | 0      | 0      | 25 | Pass |
| NVNT | ac40 | 5590 | Sum  | 5590    | 0      | 0      | 25 | Pass |
| NVNT | ac40 | 5670 | Sum  | 5669.96 | -40000 | -7.05  | 25 | Pass |
| NVNT | ac40 | 5755 | Sum  | 5754.96 | -40000 | -6.95  | 25 | Pass |
| NVNT | ac40 | 5795 | Sum  | 5795    | 0      | 0      | 25 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 5209.92 | -80000 | -15.36 | 25 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 5289.92 | -80000 | -15.12 | 25 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 5529.92 | -80000 | -14.47 | 25 | Pass |

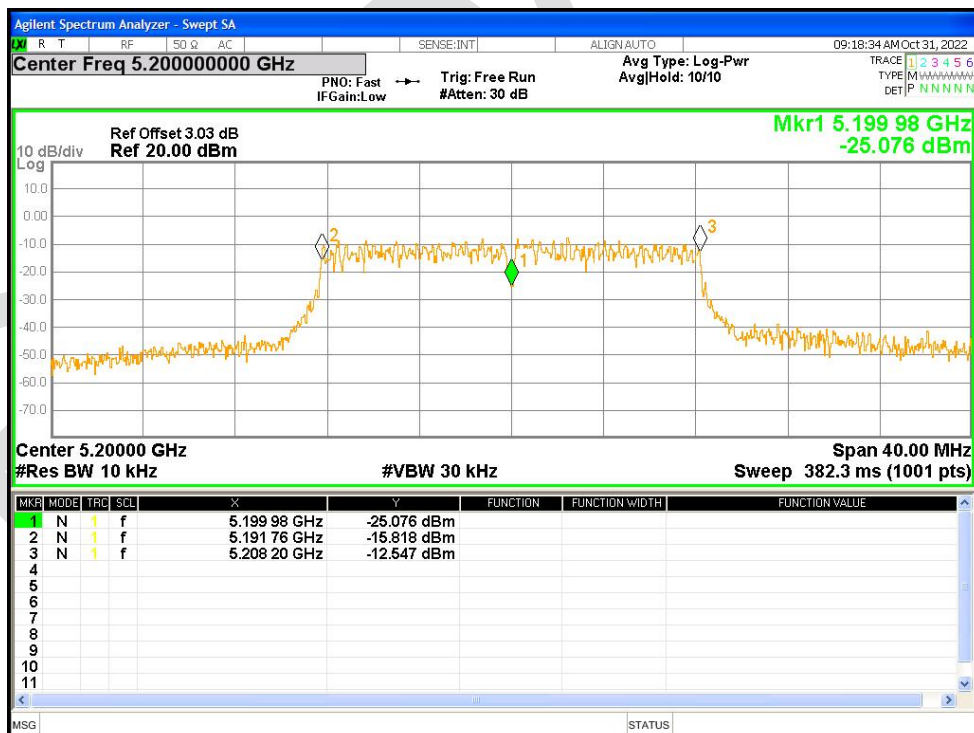
|      |      |      |      |         |        |        |    |      |
|------|------|------|------|---------|--------|--------|----|------|
| NVNT | ac80 | 5610 | Ant1 | 5609.92 | -80000 | -14.26 | 25 | Pass |
| NVNT | ac80 | 5690 | Ant1 | 5689.92 | -80000 | -14.06 | 25 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5774.92 | -80000 | -13.85 | 25 | Pass |
| NVNT | ac80 | 5210 | Ant2 | 5209.92 | -80000 | -15.36 | 25 | Pass |
| NVNT | ac80 | 5290 | Ant2 | 5289.92 | -80000 | -15.12 | 25 | Pass |
| NVNT | ac80 | 5530 | Ant2 | 5529.92 | -80000 | -14.47 | 25 | Pass |
| NVNT | ac80 | 5610 | Ant2 | 5609.92 | -80000 | -14.26 | 25 | Pass |
| NVNT | ac80 | 5690 | Ant2 | 5689.92 | -80000 | -14.06 | 25 | Pass |
| NVNT | ac80 | 5775 | Ant2 | 5774.92 | -80000 | -13.85 | 25 | Pass |
| NVNT | ac80 | 5210 | Sum  | 5209.92 | -80000 | -15.36 | 25 | Pass |
| NVNT | ac80 | 5290 | Sum  | 5289.92 | -80000 | -15.12 | 25 | Pass |
| NVNT | ac80 | 5530 | Sum  | 5529.92 | -80000 | -14.47 | 25 | Pass |
| NVNT | ac80 | 5610 | Sum  | 5609.92 | -80000 | -14.26 | 25 | Pass |
| NVNT | ac80 | 5690 | Sum  | 5689.92 | -80000 | -14.06 | 25 | Pass |
| NVNT | ac80 | 5775 | Sum  | 5774.92 | -80000 | -13.85 | 25 | Pass |
| NVNT | n20  | 5180 | Ant1 | 5179.96 | -40000 | -7.72  | 25 | Pass |
| NVNT | n20  | 5200 | Ant1 | 5199.96 | -40000 | -7.69  | 25 | Pass |
| NVNT | n20  | 5240 | Ant1 | 5239.96 | -40000 | -7.63  | 25 | Pass |
| NVNT | n20  | 5260 | Ant1 | 5259.94 | -60000 | -11.41 | 25 | Pass |
| NVNT | n20  | 5280 | Ant1 | 5279.96 | -40000 | -7.58  | 25 | Pass |
| NVNT | n20  | 5320 | Ant1 | 5319.94 | -60000 | -11.28 | 25 | Pass |
| NVNT | n20  | 5500 | Ant1 | 5499.96 | -40000 | -7.27  | 25 | Pass |
| NVNT | n20  | 5600 | Ant1 | 5599.96 | -40000 | -7.14  | 25 | Pass |
| NVNT | n20  | 5700 | Ant1 | 5699.94 | -60000 | -10.53 | 25 | Pass |
| NVNT | n20  | 5745 | Ant1 | 5744.94 | -60000 | -10.44 | 25 | Pass |
| NVNT | n20  | 5785 | Ant1 | 5784.94 | -60000 | -10.37 | 25 | Pass |
| NVNT | n20  | 5825 | Ant1 | 5824.94 | -60000 | -10.3  | 25 | Pass |
| NVNT | n20  | 5180 | Ant2 | 5179.96 | -40000 | -7.72  | 25 | Pass |
| NVNT | n20  | 5200 | Ant2 | 5199.96 | -40000 | -7.69  | 25 | Pass |
| NVNT | n20  | 5240 | Ant2 | 5239.96 | -40000 | -7.63  | 25 | Pass |
| NVNT | n20  | 5260 | Ant2 | 5259.96 | -40000 | -7.6   | 25 | Pass |
| NVNT | n20  | 5280 | Ant2 | 5279.96 | -40000 | -7.58  | 25 | Pass |
| NVNT | n20  | 5320 | Ant2 | 5319.94 | -60000 | -11.28 | 25 | Pass |
| NVNT | n20  | 5500 | Ant2 | 5499.94 | -60000 | -10.91 | 25 | Pass |
| NVNT | n20  | 5600 | Ant2 | 5599.94 | -60000 | -10.71 | 25 | Pass |
| NVNT | n20  | 5700 | Ant2 | 5699.94 | -60000 | -10.53 | 25 | Pass |
| NVNT | n20  | 5745 | Ant2 | 5744.94 | -60000 | -10.44 | 25 | Pass |
| NVNT | n20  | 5785 | Ant2 | 5784.94 | -60000 | -10.37 | 25 | Pass |
| NVNT | n20  | 5825 | Ant2 | 5824.94 | -60000 | -10.3  | 25 | Pass |
| NVNT | n20  | 5180 | Sum  | 5179.98 | -20000 | -3.86  | 25 | Pass |
| NVNT | n20  | 5200 | Sum  | 5199.98 | -20000 | -3.85  | 25 | Pass |
| NVNT | n20  | 5240 | Sum  | 5239.98 | -20000 | -3.82  | 25 | Pass |
| NVNT | n20  | 5260 | Sum  | 5259.96 | -40000 | -7.6   | 25 | Pass |
| NVNT | n20  | 5280 | Sum  | 5279.96 | -40000 | -7.58  | 25 | Pass |
| NVNT | n20  | 5320 | Sum  | 5319.96 | -40000 | -7.52  | 25 | Pass |
| NVNT | n20  | 5500 | Sum  | 5499.98 | -20000 | -3.64  | 25 | Pass |
| NVNT | n20  | 5600 | Sum  | 5599.98 | -20000 | -3.57  | 25 | Pass |

|      |     |      |      |         |        |       |    |      |
|------|-----|------|------|---------|--------|-------|----|------|
| NVNT | n20 | 5700 | Sum  | 5699.98 | -20000 | -3.51 | 25 | Pass |
| NVNT | n20 | 5745 | Sum  | 5744.98 | -20000 | -3.48 | 25 | Pass |
| NVNT | n20 | 5785 | Sum  | 5784.98 | -20000 | -3.46 | 25 | Pass |
| NVNT | n20 | 5825 | Sum  | 5825    | 0      | 0     | 25 | Pass |
| NVNT | n40 | 5190 | Ant1 | 5189.96 | -40000 | -7.71 | 25 | Pass |
| NVNT | n40 | 5230 | Ant1 | 5229.96 | -40000 | -7.65 | 25 | Pass |
| NVNT | n40 | 5270 | Ant1 | 5269.96 | -40000 | -7.59 | 25 | Pass |
| NVNT | n40 | 5310 | Ant1 | 5309.96 | -40000 | -7.53 | 25 | Pass |
| NVNT | n40 | 5510 | Ant1 | 5509.96 | -40000 | -7.26 | 25 | Pass |
| NVNT | n40 | 5590 | Ant1 | 5589.96 | -40000 | -7.16 | 25 | Pass |
| NVNT | n40 | 5670 | Ant1 | 5669.96 | -40000 | -7.05 | 25 | Pass |
| NVNT | n40 | 5755 | Ant1 | 5754.96 | -40000 | -6.95 | 25 | Pass |
| NVNT | n40 | 5795 | Ant1 | 5794.96 | -40000 | -6.9  | 25 | Pass |
| NVNT | n40 | 5190 | Ant2 | 5189.96 | -40000 | -7.71 | 25 | Pass |
| NVNT | n40 | 5230 | Ant2 | 5229.96 | -40000 | -7.65 | 25 | Pass |
| NVNT | n40 | 5270 | Ant2 | 5269.96 | -40000 | -7.59 | 25 | Pass |
| NVNT | n40 | 5310 | Ant2 | 5309.96 | -40000 | -7.53 | 25 | Pass |
| NVNT | n40 | 5510 | Ant2 | 5509.96 | -40000 | -7.26 | 25 | Pass |
| NVNT | n40 | 5590 | Ant2 | 5589.96 | -40000 | -7.16 | 25 | Pass |
| NVNT | n40 | 5670 | Ant2 | 5669.96 | -40000 | -7.05 | 25 | Pass |
| NVNT | n40 | 5755 | Ant2 | 5754.96 | -40000 | -6.95 | 25 | Pass |
| NVNT | n40 | 5795 | Ant2 | 5794.96 | -40000 | -6.9  | 25 | Pass |
| NVNT | n40 | 5190 | Sum  | 5189.96 | -40000 | -7.71 | 25 | Pass |
| NVNT | n40 | 5230 | Sum  | 5229.96 | -40000 | -7.65 | 25 | Pass |
| NVNT | n40 | 5270 | Sum  | 5269.96 | -40000 | -7.59 | 25 | Pass |
| NVNT | n40 | 5310 | Sum  | 5309.96 | -40000 | -7.53 | 25 | Pass |
| NVNT | n40 | 5510 | Sum  | 5510    | 0      | 0     | 25 | Pass |
| NVNT | n40 | 5590 | Sum  | 5590    | 0      | 0     | 25 | Pass |
| NVNT | n40 | 5670 | Sum  | 5669.96 | -40000 | -7.05 | 25 | Pass |
| NVNT | n40 | 5755 | Sum  | 5754.96 | -40000 | -6.95 | 25 | Pass |
| NVNT | n40 | 5795 | Sum  | 5794.96 | -40000 | -6.9  | 25 | Pass |

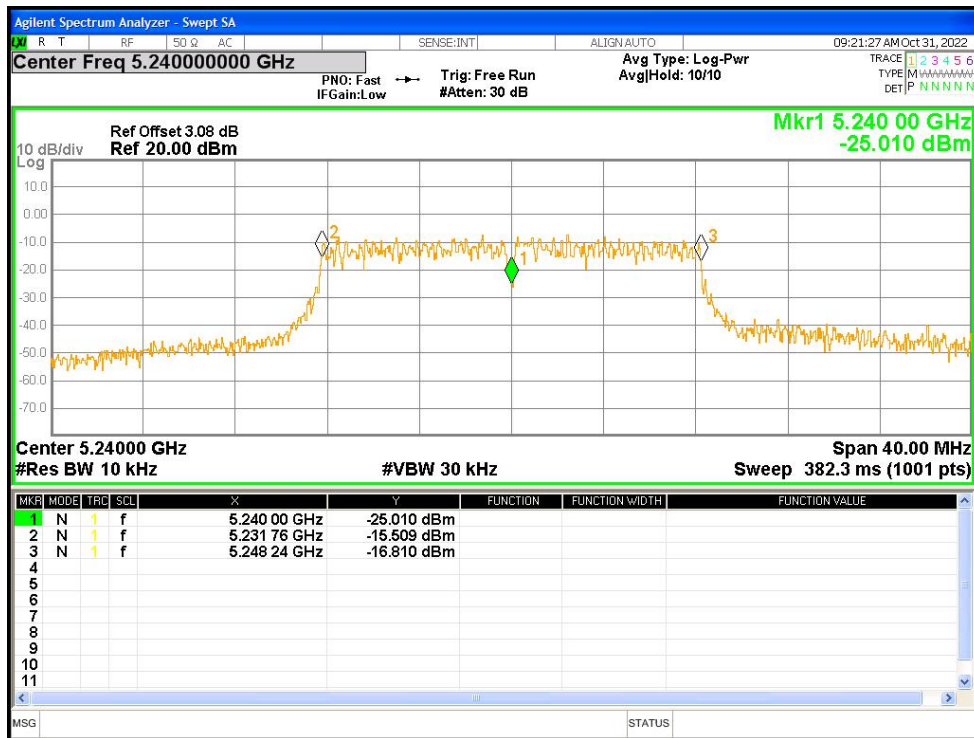
### Freq. Stability NVNT a 5180MHz Ant1



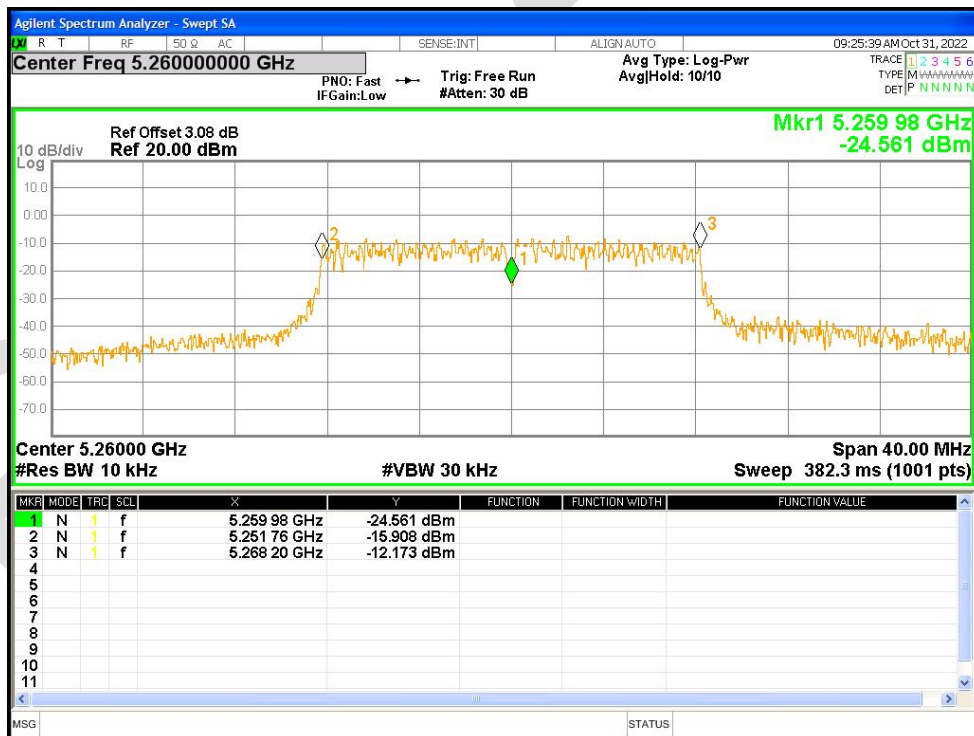
### Freq. Stability NVNT a 5200MHz Ant1



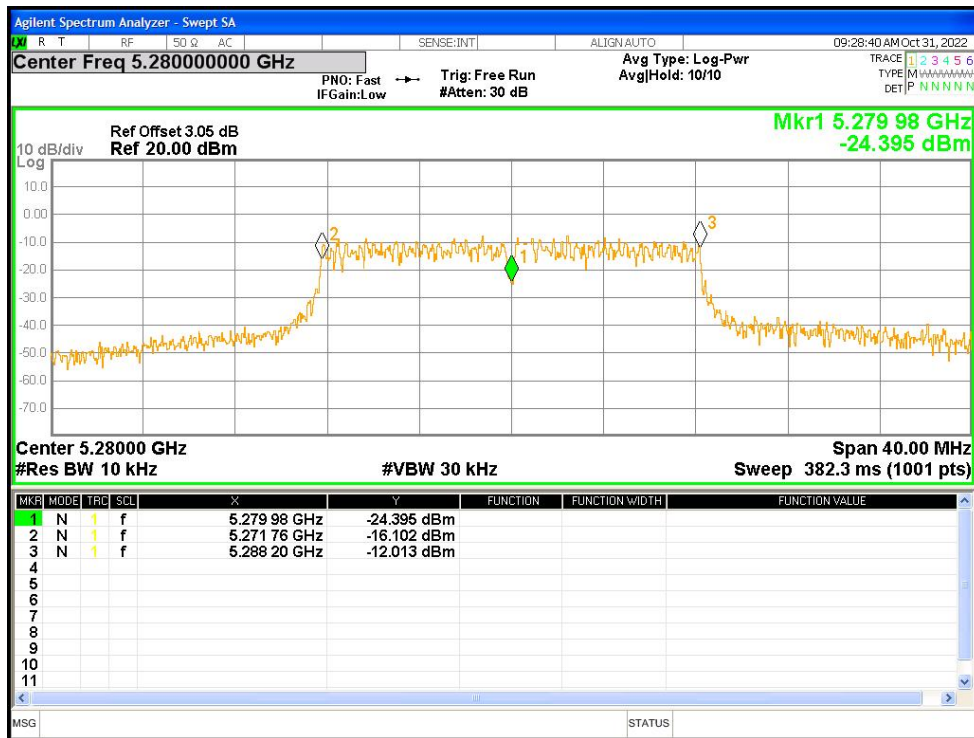
### Freq. Stability NVNT a 5240MHz Ant1



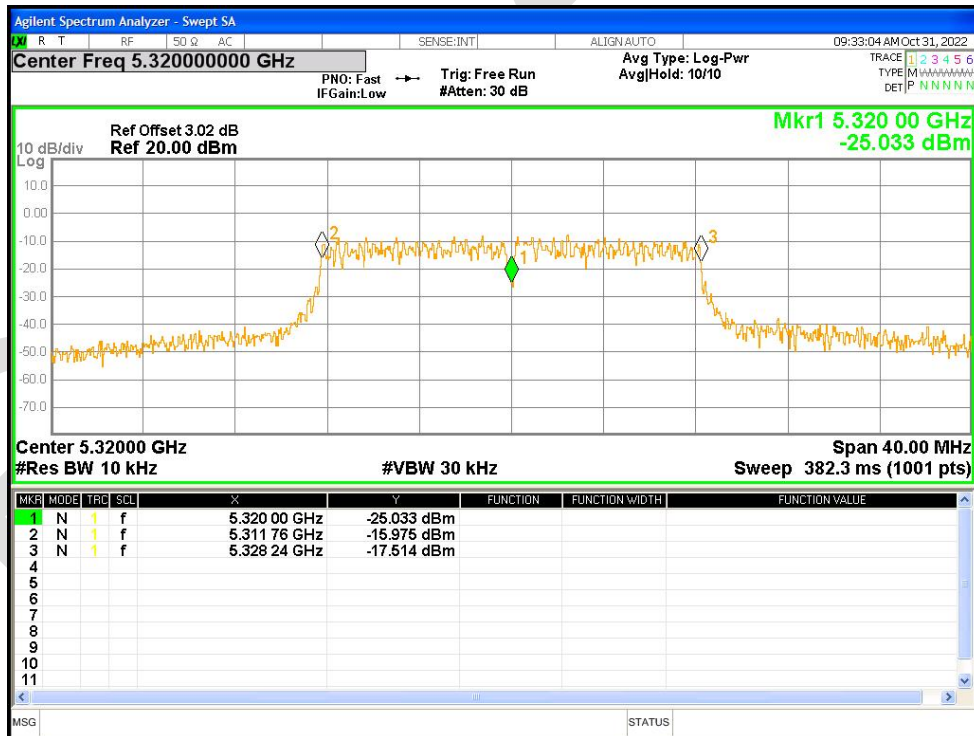
Freq. Stability NVNT a 5260MHz Ant1



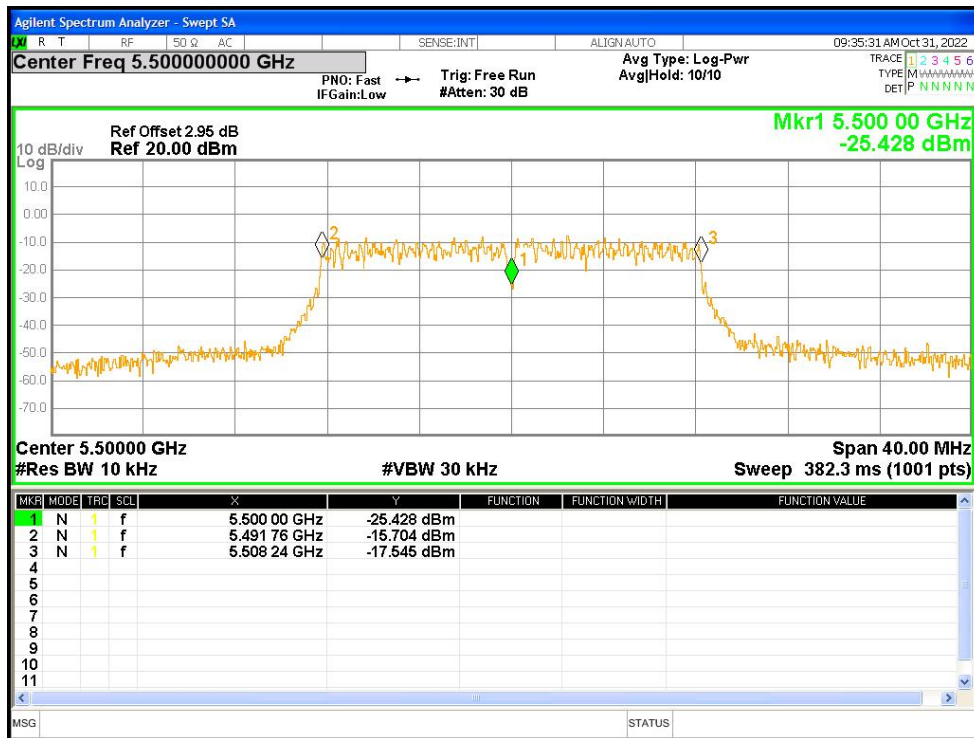
Freq. Stability NVNT a 5280MHz Ant1



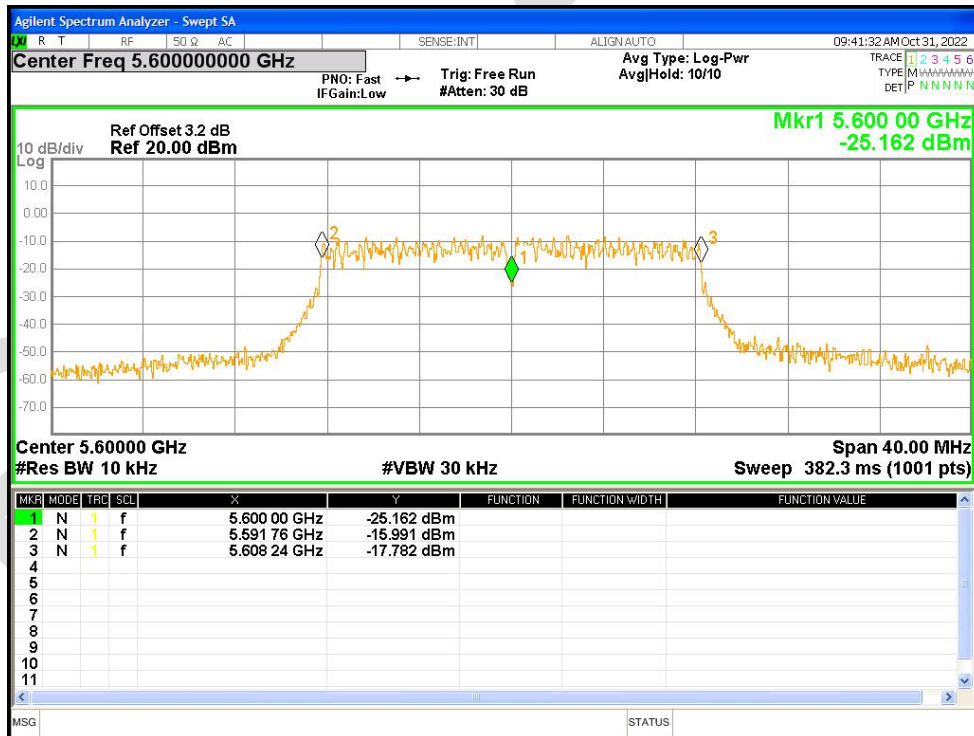
Freq. Stability NVNT a 5320MHz Ant1



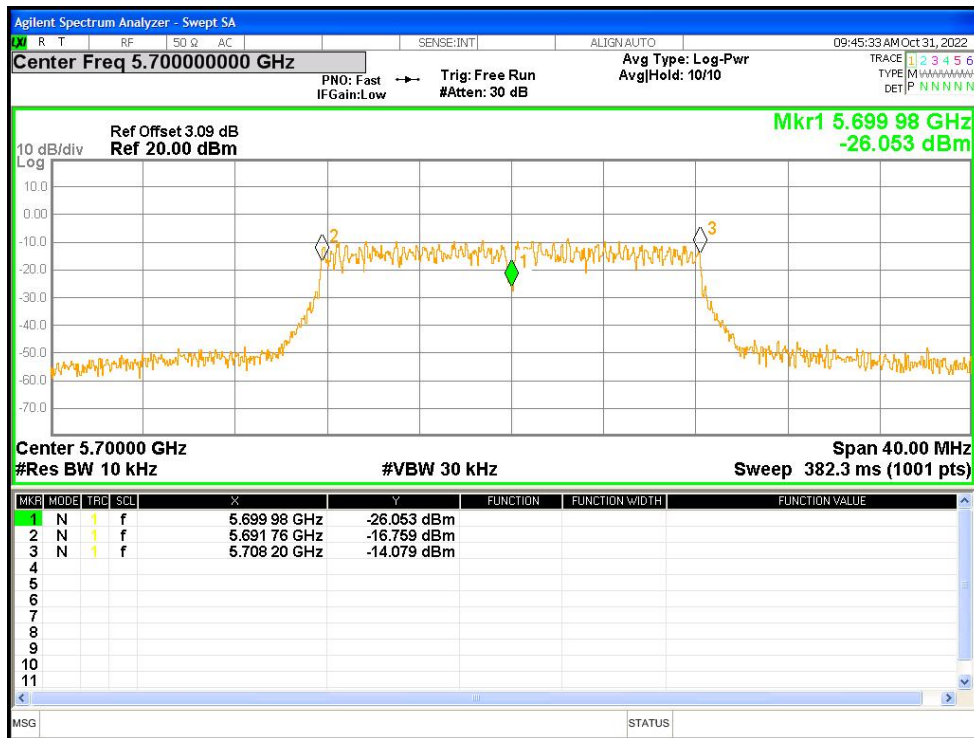
Freq. Stability NVNT a 5500MHz Ant1



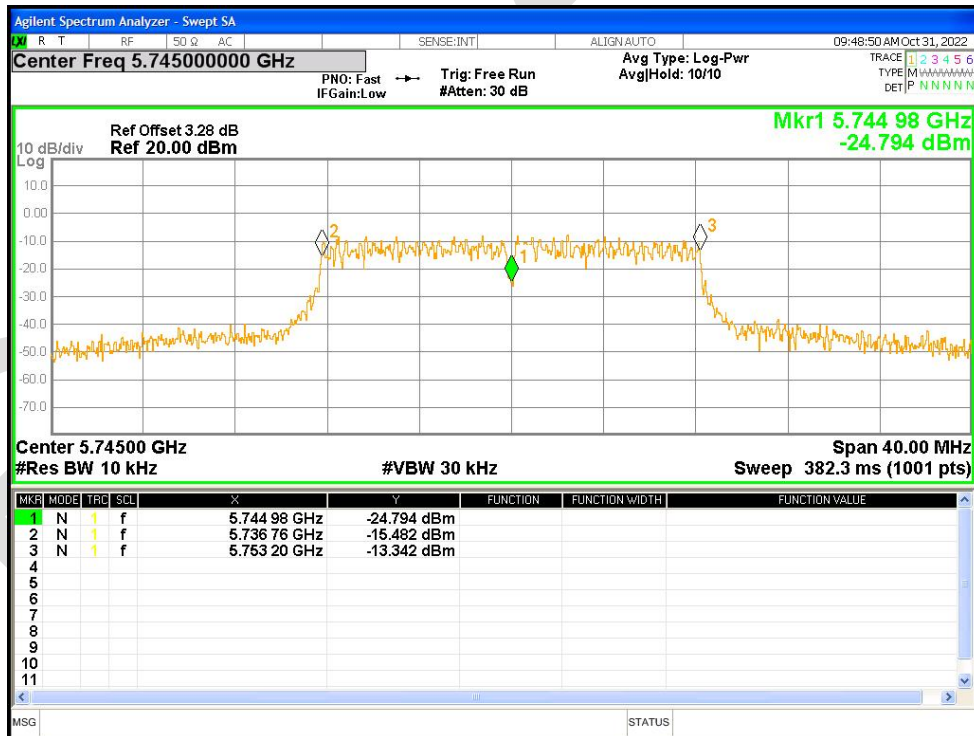
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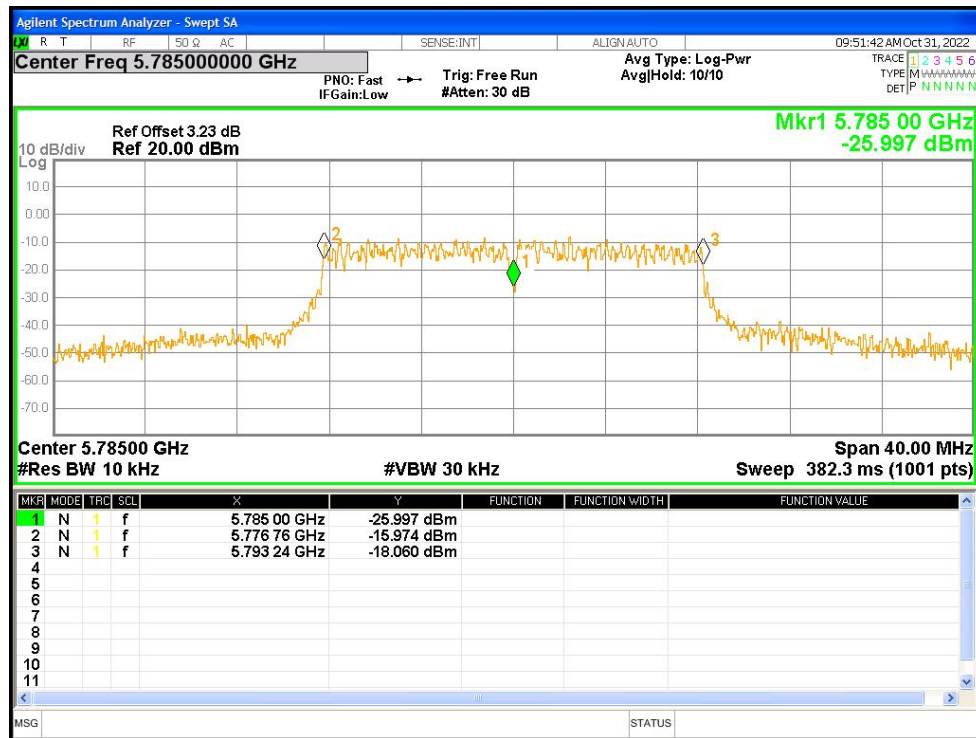
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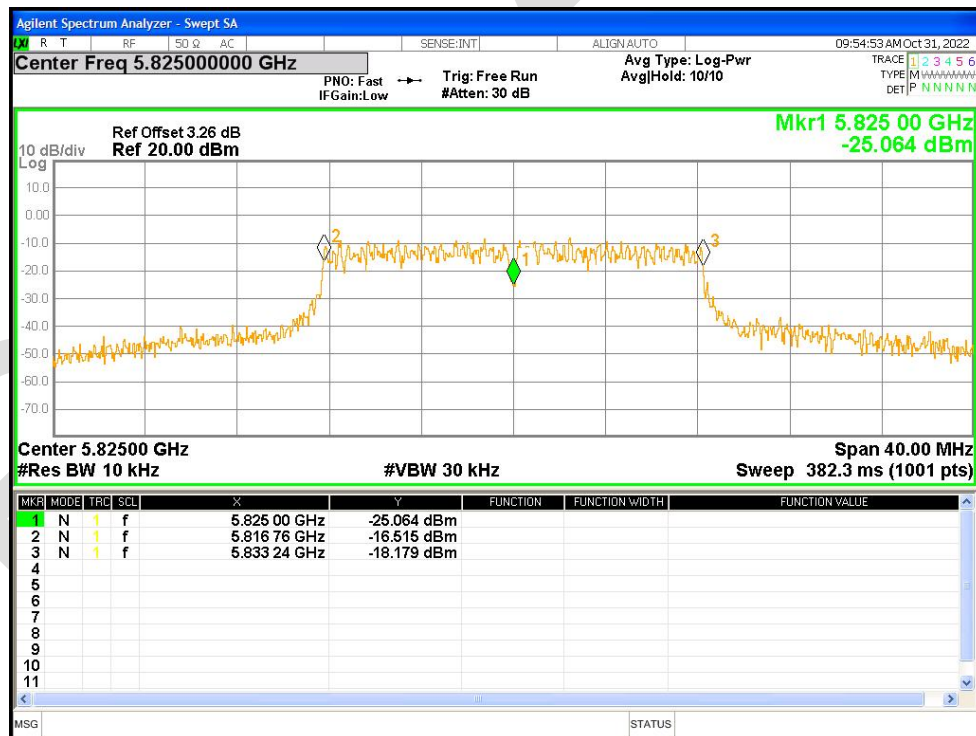
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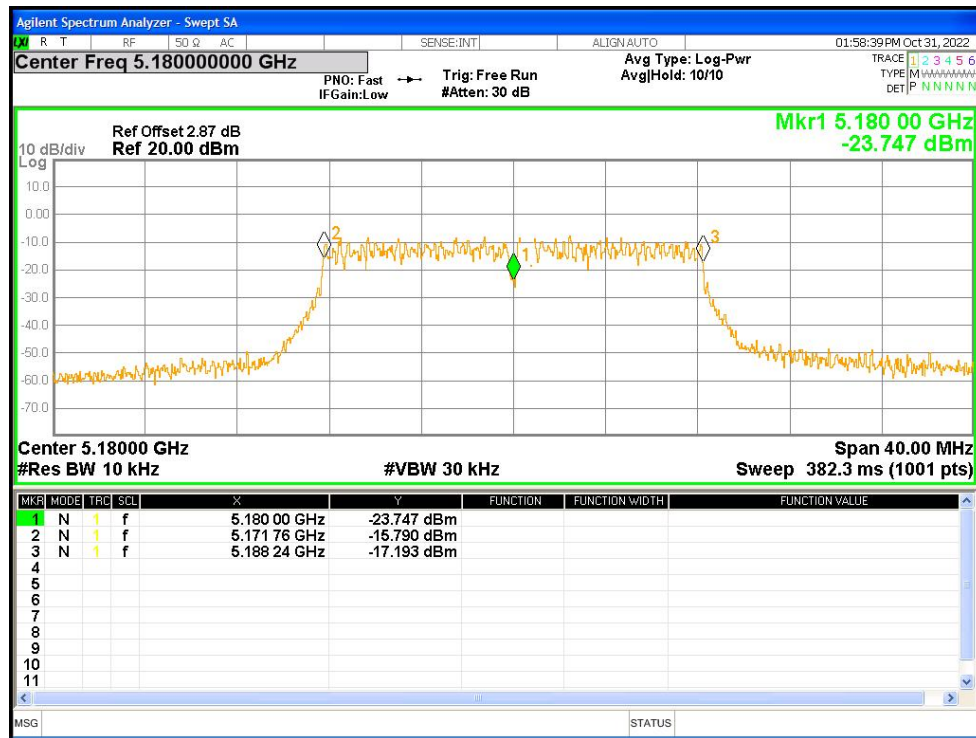
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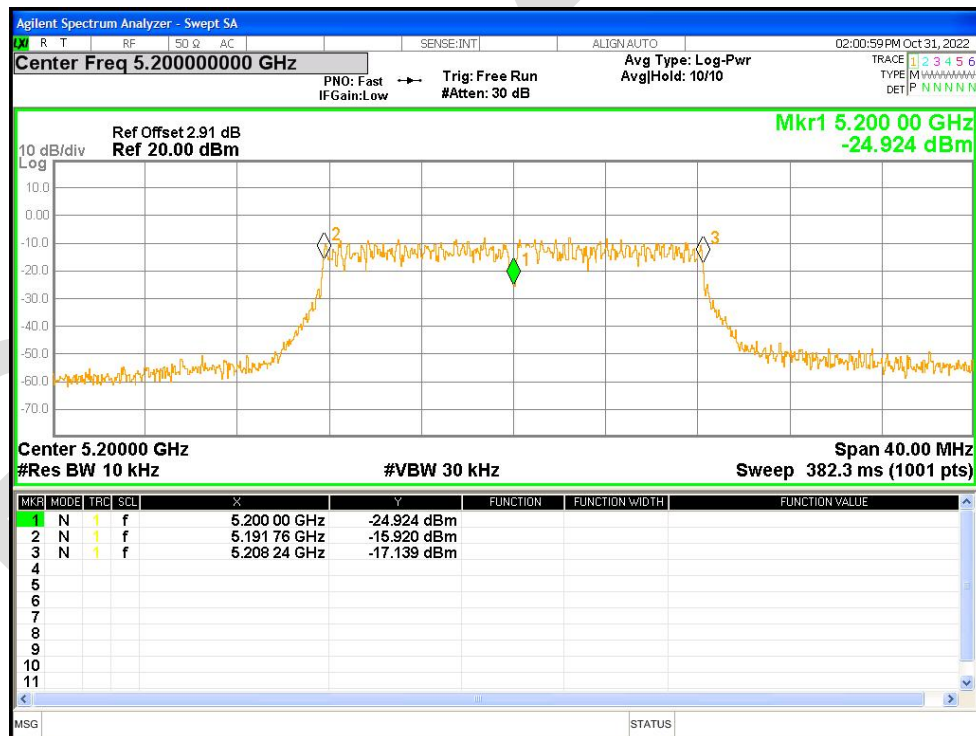
Freq. Stability NVNT a 5825MHz Ant1



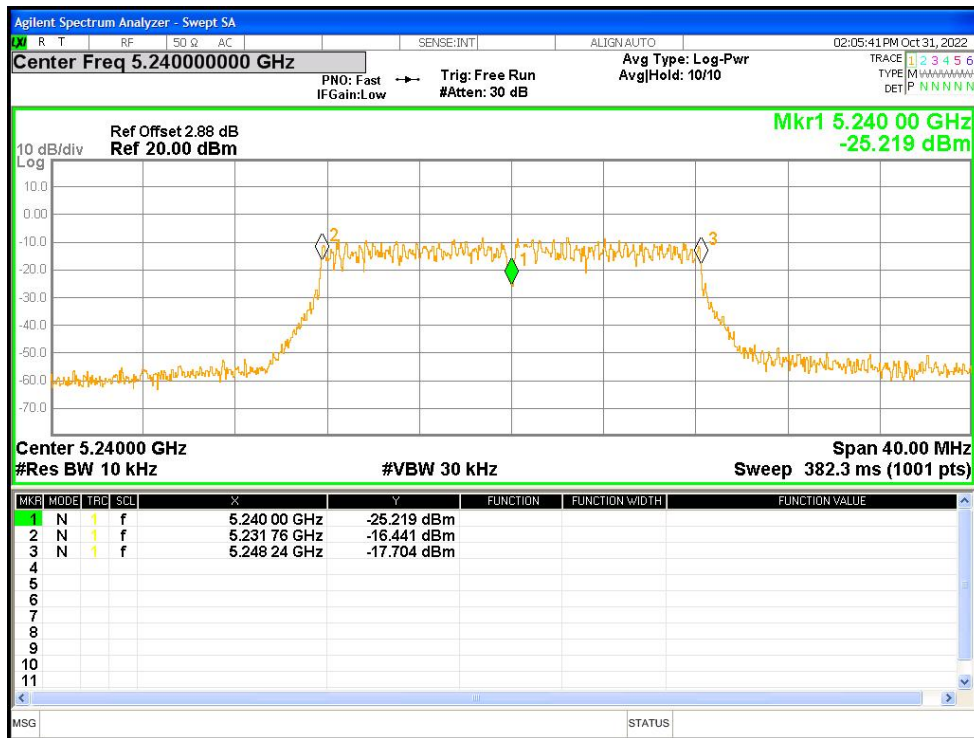
Freq. Stability NVNT a 5180MHz Ant2



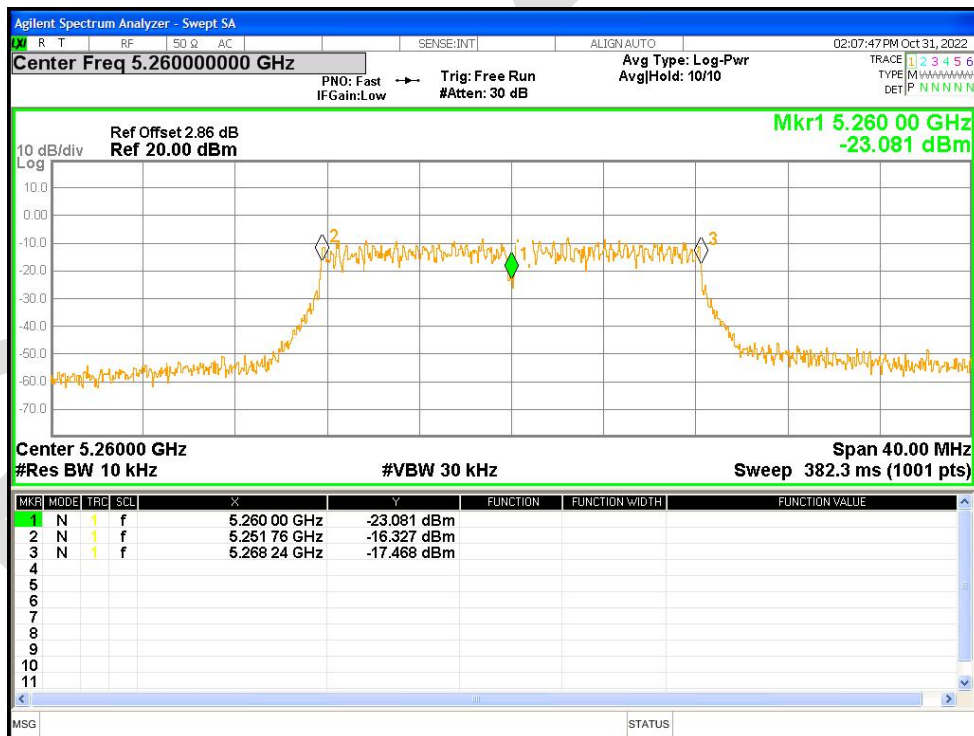
Freq. Stability NVNT a 5200MHz Ant2



Freq. Stability NVNT a 5240MHz Ant2



Freq. Stability NVNT a 5260MHz Ant2



Freq. Stability NVNT a 5280MHz Ant2