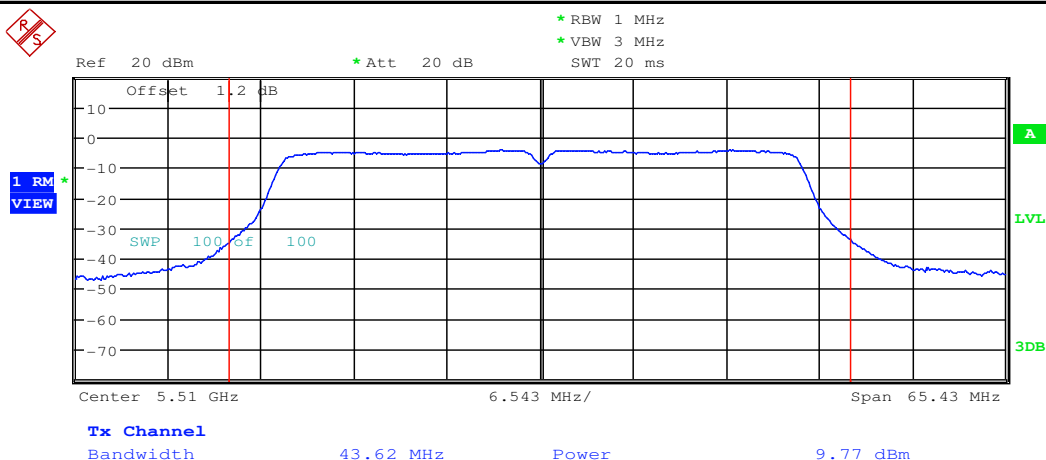
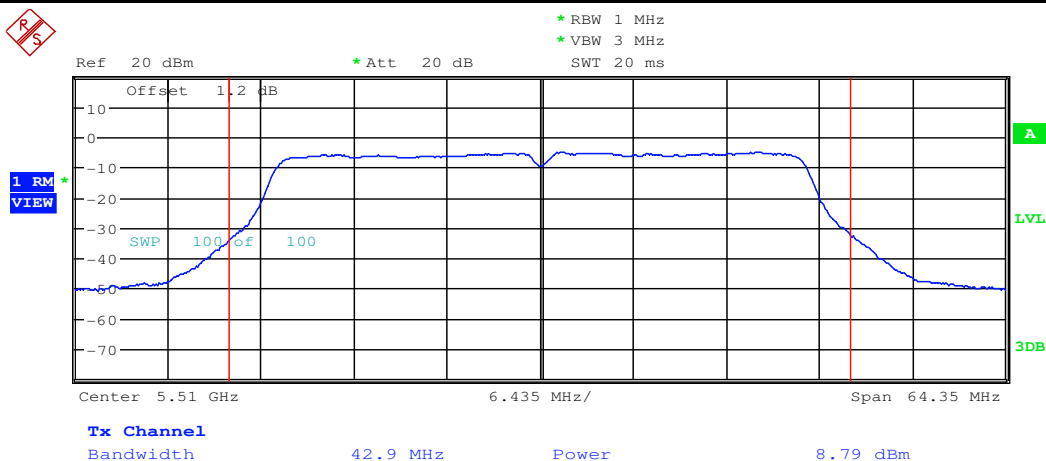


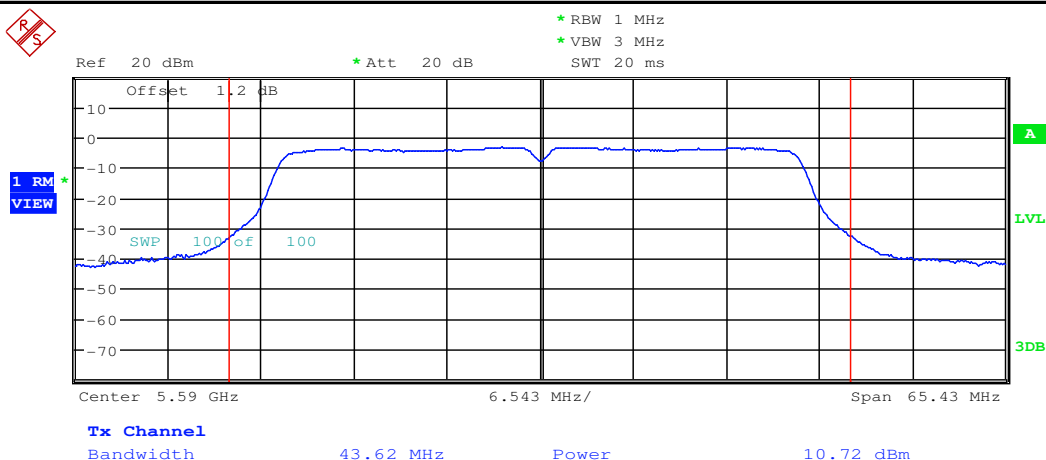
## Maximum Conduct Output Power\_11AC40\_5510\_Ant1



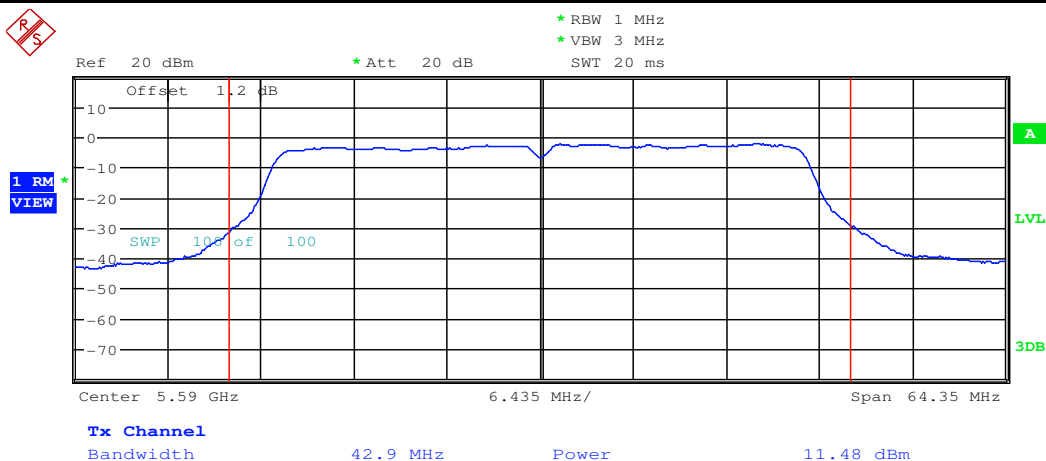
## Maximum Conduct Output Power\_11AC40\_5510\_Ant2



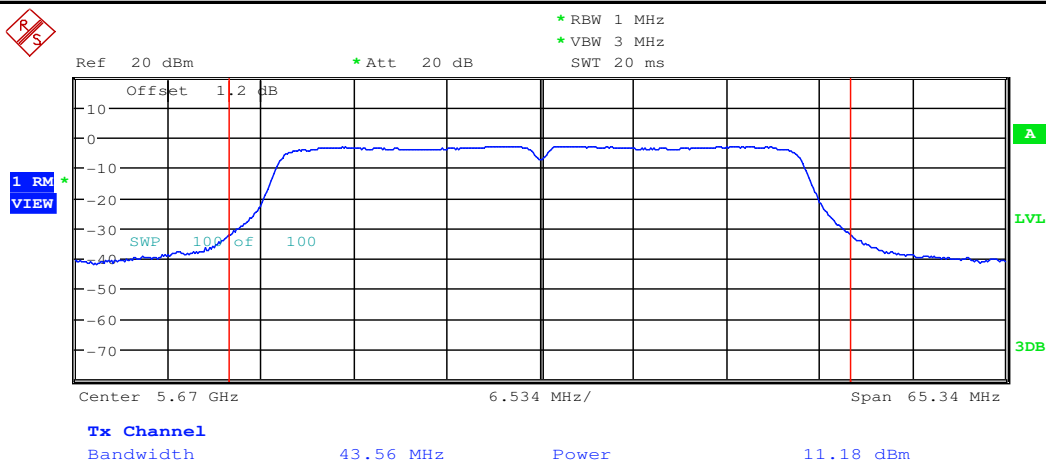
Maximum Conduct Output Power\_11AC40\_5590\_Ant1



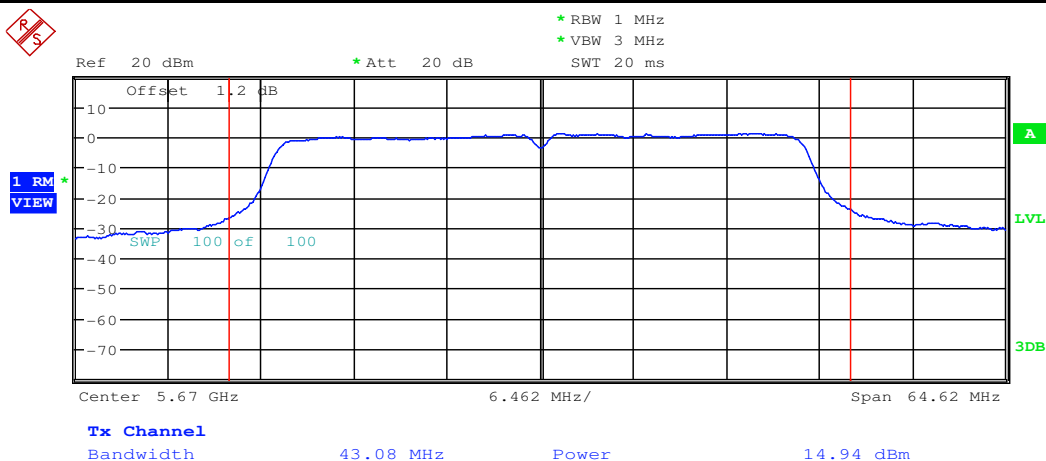
Maximum Conduct Output Power\_11AC40\_5590\_Ant2



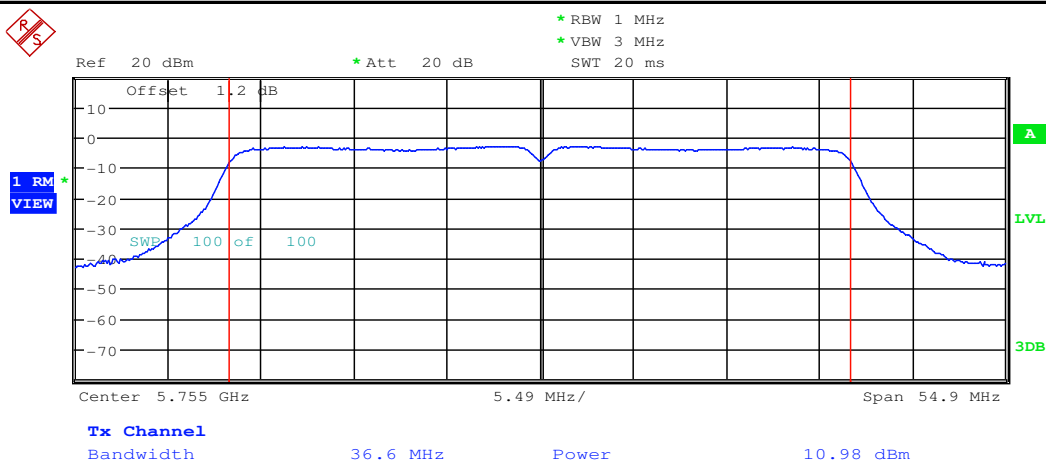
**Maximum Conduct Output Power\_11AC40\_5670\_Ant1**



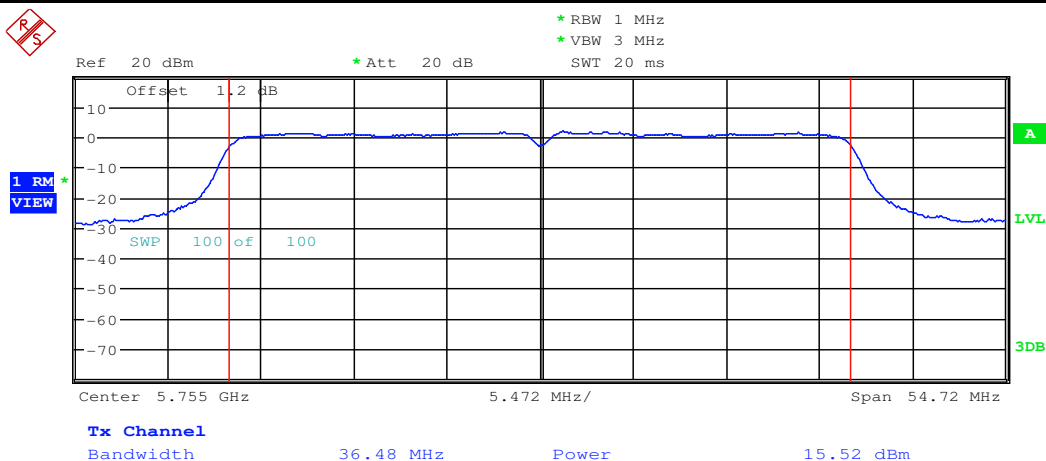
**Maximum Conduct Output Power\_11AC40\_5670\_Ant2**



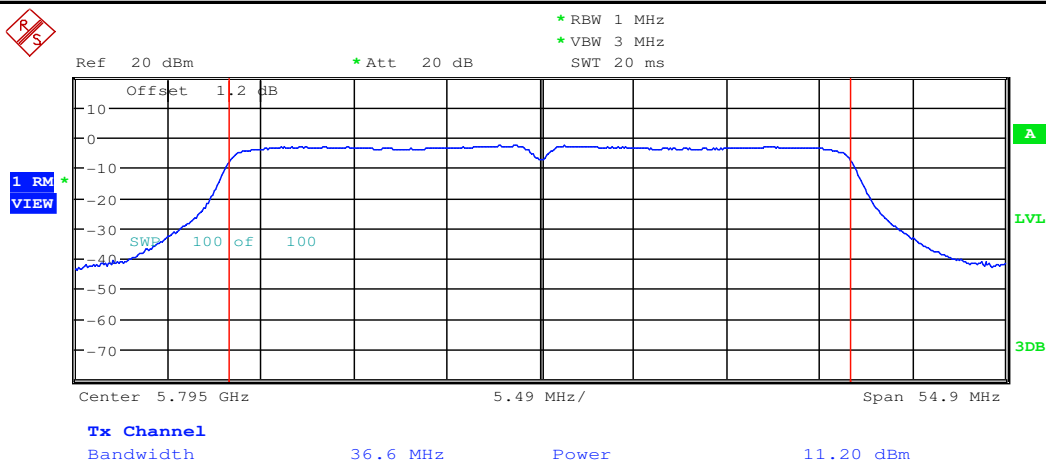
**Maximum Conduct Output Power\_11AC40\_5755\_Ant1**



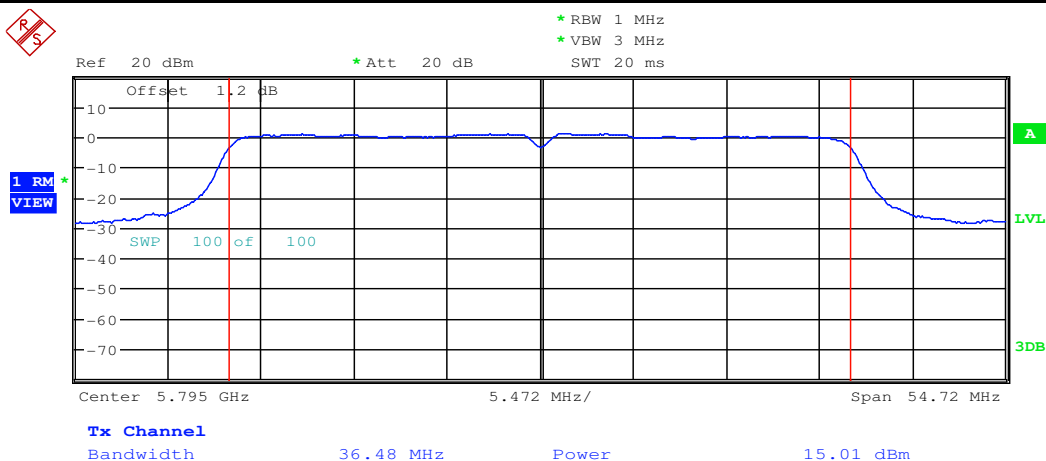
**Maximum Conduct Output Power\_11AC40\_5755\_Ant2**



**Maximum Conduct Output Power\_11AC40\_5795\_Ant1**



**Maximum Conduct Output Power\_11AC40\_5795\_Ant2**





#### 4. Maximum Power Spectral Density

| Test Mode | Test Channel | Ant  | Level [dBm/MHz] | 10log(1/x) Factor [dB] | PSD [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|-----------|--------------|------|-----------------|------------------------|---------------|-----------------|---------|
| 11A       | 5180         | Ant1 | 1.41            | 0                      | 1.41          | <11.00          | PASS    |
| 11A       | 5180         | Ant2 | 0.59            | 0                      | 0.59          | <11.00          | PASS    |
| 11A       | 5220         | Ant1 | 1.98            | 0                      | 1.98          | <11.00          | PASS    |
| 11A       | 5220         | Ant2 | 0.4             | 0                      | 0.4           | <11.00          | PASS    |
| 11A       | 5240         | Ant1 | 1.95            | 0                      | 1.95          | <11.00          | PASS    |
| 11A       | 5240         | Ant2 | 0.63            | 0                      | 0.63          | <11.00          | PASS    |
| 11A       | 5260         | Ant1 | 1.94            | 0                      | 1.94          | <11.00          | PASS    |
| 11A       | 5260         | Ant2 | 0.7             | 0                      | 0.7           | <11.00          | PASS    |
| 11A       | 5300         | Ant1 | 1.84            | 0                      | 1.84          | <11.00          | PASS    |
| 11A       | 5300         | Ant2 | 0.65            | 0                      | 0.65          | <11.00          | PASS    |
| 11A       | 5320         | Ant1 | 1.82            | 0                      | 1.82          | <11.00          | PASS    |
| 11A       | 5320         | Ant2 | 0.69            | 0                      | 0.69          | <11.00          | PASS    |
| 11A       | 5500         | Ant1 | 0.17            | 0                      | 0.17          | <11.00          | PASS    |
| 11A       | 5500         | Ant2 | -0.18           | 0                      | -0.18         | <11.00          | PASS    |
| 11A       | 5600         | Ant1 | 1.25            | 0                      | 1.25          | <11.00          | PASS    |
| 11A       | 5600         | Ant2 | 1.31            | 0                      | 1.31          | <11.00          | PASS    |
| 11A       | 5700         | Ant1 | 1.22            | 0                      | 1.22          | <11.00          | PASS    |
| 11A       | 5700         | Ant2 | 1.03            | 0                      | 1.03          | <11.00          | PASS    |
| 11N20     | 5180         | Ant1 | -0.61           | 0                      | -0.61         | <11.00          | PASS    |
| 11N20     | 5180         | Ant2 | 0.08            | 0                      | 0.08          | <11.00          | PASS    |
| 11N20     | 5220         | Ant1 | 1.56            | 0                      | 1.56          | <11.00          | PASS    |
| 11N20     | 5220         | Ant2 | 0.69            | 0                      | 0.69          | <11.00          | PASS    |
| 11N20     | 5240         | Ant1 | 1.97            | 0                      | 1.97          | <11.00          | PASS    |
| 11N20     | 5240         | Ant2 | 1.16            | 0                      | 1.16          | <11.00          | PASS    |
| 11N20     | 5260         | Ant1 | 1.31            | 0                      | 1.31          | <11.00          | PASS    |
| 11N20     | 5260         | Ant2 | 1.25            | 0                      | 1.25          | <11.00          | PASS    |
| 11N20     | 5300         | Ant1 | 1.72            | 0                      | 1.72          | <11.00          | PASS    |
| 11N20     | 5300         | Ant2 | 1.21            | 0                      | 1.21          | <11.00          | PASS    |
| 11N20     | 5320         | Ant1 | 1.88            | 0                      | 1.88          | <11.00          | PASS    |
| 11N20     | 5320         | Ant2 | 0.72            | 0                      | 0.72          | <11.00          | PASS    |



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM180300232405

Page: 507 of 636

|        |      |      |       |   |       |        |      |
|--------|------|------|-------|---|-------|--------|------|
| 11N20  | 5500 | Ant1 | -0.24 | 0 | -0.24 | <11.00 | PASS |
| 11N20  | 5500 | Ant2 | -0.86 | 0 | -0.86 | <11.00 | PASS |
| 11N20  | 5600 | Ant1 | 0.79  | 0 | 0.79  | <11.00 | PASS |
| 11N20  | 5600 | Ant2 | 1.98  | 0 | 1.98  | <11.00 | PASS |
| 11N20  | 5700 | Ant1 | 1.9   | 0 | 1.9   | <11.00 | PASS |
| 11N20  | 5700 | Ant2 | 1.55  | 0 | 1.55  | <11.00 | PASS |
| 11N40  | 5190 | Ant1 | -2.33 | 0 | -2.33 | <11.00 | PASS |
| 11N40  | 5190 | Ant2 | -3.77 | 0 | -3.77 | <11.00 | PASS |
| 11N40  | 5230 | Ant1 | -1.77 | 0 | -1.77 | <11.00 | PASS |
| 11N40  | 5230 | Ant2 | -2.96 | 0 | -2.96 | <11.00 | PASS |
| 11N40  | 5270 | Ant1 | -1.06 | 0 | -1.06 | <11.00 | PASS |
| 11N40  | 5270 | Ant2 | -2.72 | 0 | -2.72 | <11.00 | PASS |
| 11N40  | 5310 | Ant1 | -1.07 | 0 | -1.07 | <11.00 | PASS |
| 11N40  | 5310 | Ant2 | -2.95 | 0 | -2.95 | <11.00 | PASS |
| 11N40  | 5510 | Ant1 | -3.92 | 0 | -3.92 | <11.00 | PASS |
| 11N40  | 5510 | Ant2 | -4.4  | 0 | -4.4  | <11.00 | PASS |
| 11N40  | 5590 | Ant1 | -2.84 | 0 | -2.84 | <11.00 | PASS |
| 11N40  | 5590 | Ant2 | -1.62 | 0 | -1.62 | <11.00 | PASS |
| 11N40  | 5670 | Ant1 | -1.9  | 0 | -1.9  | <11.00 | PASS |
| 11N40  | 5670 | Ant2 | 1.41  | 0 | 1.41  | <11.00 | PASS |
| 11AC20 | 5180 | Ant1 | 1.17  | 0 | 1.17  | <11.00 | PASS |
| 11AC20 | 5180 | Ant2 | 0.97  | 0 | 0.97  | <11.00 | PASS |
| 11AC20 | 5220 | Ant1 | 1.06  | 0 | 1.06  | <11.00 | PASS |
| 11AC20 | 5220 | Ant2 | 0.94  | 0 | 0.94  | <11.00 | PASS |
| 11AC20 | 5240 | Ant1 | 1.8   | 0 | 1.8   | <11.00 | PASS |
| 11AC20 | 5240 | Ant2 | 0.98  | 0 | 0.98  | <11.00 | PASS |
| 11AC20 | 5260 | Ant1 | 1.94  | 0 | 1.94  | <11.00 | PASS |
| 11AC20 | 5260 | Ant2 | 1.47  | 0 | 1.47  | <11.00 | PASS |
| 11AC20 | 5300 | Ant1 | 2.13  | 0 | 2.13  | <11.00 | PASS |
| 11AC20 | 5300 | Ant2 | 1.47  | 0 | 1.47  | <11.00 | PASS |
| 11AC20 | 5320 | Ant1 | 1.86  | 0 | 1.86  | <11.00 | PASS |
| 11AC20 | 5320 | Ant2 | 1.58  | 0 | 1.58  | <11.00 | PASS |
| 11AC20 | 5500 | Ant1 | -0.67 | 0 | -0.67 | <11.00 | PASS |
| 11AC20 | 5500 | Ant2 | -1.53 | 0 | -1.53 | <11.00 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180300232405

Page: 508 of 636

|        |      |      |       |   |       |        |      |
|--------|------|------|-------|---|-------|--------|------|
| 11AC20 | 5600 | Ant1 | 0.72  | 0 | 0.72  | <11.00 | PASS |
| 11AC20 | 5600 | Ant2 | 1.26  | 0 | 1.26  | <11.00 | PASS |
| 11AC20 | 5700 | Ant1 | 1.11  | 0 | 1.11  | <11.00 | PASS |
| 11AC20 | 5700 | Ant2 | 1.94  | 0 | 1.94  | <11.00 | PASS |
| 11AC80 | 5210 | Ant1 | -5.71 | 0 | -5.71 | <11.00 | PASS |
| 11AC80 | 5210 | Ant2 | -4.87 | 0 | -4.87 | <11.00 | PASS |
| 11AC80 | 5290 | Ant1 | -5.02 | 0 | -5.02 | <11.00 | PASS |
| 11AC80 | 5290 | Ant2 | -5.16 | 0 | -5.16 | <11.00 | PASS |
| 11AC80 | 5530 | Ant1 | -6.2  | 0 | -6.2  | <11.00 | PASS |
| 11AC80 | 5530 | Ant2 | -5.53 | 0 | -5.53 | <11.00 | PASS |
| 11AC80 | 5610 | Ant1 | -5.33 | 0 | -5.33 | <11.00 | PASS |
| 11AC80 | 5610 | Ant2 | -2.9  | 0 | -2.9  | <11.00 | PASS |
| 11AC40 | 5190 | Ant1 | -3.87 | 0 | -3.87 | <11.00 | PASS |
| 11AC40 | 5190 | Ant2 | -2.43 | 0 | -2.43 | <11.00 | PASS |
| 11AC40 | 5230 | Ant1 | -3.31 | 0 | -3.31 | <11.00 | PASS |
| 11AC40 | 5230 | Ant2 | -2.31 | 0 | -2.31 | <11.00 | PASS |
| 11AC40 | 5270 | Ant1 | -2.46 | 0 | -2.46 | <11.00 | PASS |
| 11AC40 | 5270 | Ant2 | -1.94 | 0 | -1.94 | <11.00 | PASS |
| 11AC40 | 5310 | Ant1 | -2.45 | 0 | -2.45 | <11.00 | PASS |
| 11AC40 | 5310 | Ant2 | -2.43 | 0 | -2.43 | <11.00 | PASS |
| 11AC40 | 5510 | Ant1 | -3.95 | 0 | -3.95 | <11.00 | PASS |
| 11AC40 | 5510 | Ant2 | -4.37 | 0 | -4.37 | <11.00 | PASS |
| 11AC40 | 5590 | Ant1 | -3.09 | 0 | -3.09 | <11.00 | PASS |
| 11AC40 | 5590 | Ant2 | -1.77 | 0 | -1.77 | <11.00 | PASS |
| 11AC40 | 5670 | Ant1 | -2.45 | 0 | -2.45 | <11.00 | PASS |
| 11AC40 | 5670 | Ant2 | 1.54  | 0 | 1.54  | <11.00 | PASS |

|       |      |            |      |   |      |       |      |
|-------|------|------------|------|---|------|-------|------|
| 11N20 | 5180 | Ant1+ Ant2 | 2.76 | 0 | 2.76 | <7.99 | PASS |
| 11N20 | 5220 | Ant1+ Ant2 | 4.16 | 0 | 4.16 | <7.99 | PASS |
| 11N20 | 5240 | Ant1+ Ant2 | 4.59 | 0 | 4.59 | <7.99 | PASS |
| 11N20 | 5260 | Ant1+ Ant2 | 4.29 | 0 | 4.29 | <7.99 | PASS |
| 11N20 | 5300 | Ant1+ Ant2 | 4.48 | 0 | 4.48 | <7.99 | PASS |
| 11N20 | 5320 | Ant1+ Ant2 | 4.35 | 0 | 4.35 | <7.99 | PASS |
| 11N20 | 5500 | Ant1+ Ant2 | 2.47 | 0 | 2.47 | <7.99 | PASS |



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM180300232405

Page: 509 of 636

|        |      |            |       |   |       |       |      |
|--------|------|------------|-------|---|-------|-------|------|
| 11N20  | 5600 | Ant1+ Ant2 | 4.44  | 0 | 4.44  | <7.99 | PASS |
| 11N20  | 5700 | Ant1+ Ant2 | 4.74  | 0 | 4.74  | <7.99 | PASS |
| 11N40  | 5190 | Ant1+ Ant2 | 0.02  | 0 | 0.02  | <7.99 | PASS |
| 11N40  | 5230 | Ant1+ Ant2 | 0.69  | 0 | 0.69  | <7.99 | PASS |
| 11N40  | 5270 | Ant1+ Ant2 | 1.20  | 0 | 1.20  | <7.99 | PASS |
| 11N40  | 5310 | Ant1+ Ant2 | 1.10  | 0 | 1.10  | <7.99 | PASS |
| 11N40  | 5510 | Ant1+ Ant2 | -1.14 | 0 | -1.14 | <7.99 | PASS |
| 11N40  | 5590 | Ant1+ Ant2 | 0.82  | 0 | 0.82  | <7.99 | PASS |
| 11N40  | 5670 | Ant1+ Ant2 | 3.07  | 0 | 3.07  | <7.99 | PASS |
| 11AC20 | 5180 | Ant1+ Ant2 | 4.08  | 0 | 4.08  | <7.99 | PASS |
| 11AC20 | 5220 | Ant1+ Ant2 | 4.01  | 0 | 4.01  | <7.99 | PASS |
| 11AC20 | 5240 | Ant1+ Ant2 | 4.42  | 0 | 4.42  | <7.99 | PASS |
| 11AC20 | 5260 | Ant1+ Ant2 | 4.72  | 0 | 4.72  | <7.99 | PASS |
| 11AC20 | 5300 | Ant1+ Ant2 | 4.82  | 0 | 4.82  | <7.99 | PASS |
| 11AC20 | 5320 | Ant1+ Ant2 | 4.73  | 0 | 4.73  | <7.99 | PASS |
| 11AC20 | 5500 | Ant1+ Ant2 | 1.93  | 0 | 1.93  | <7.99 | PASS |
| 11AC20 | 5600 | Ant1+ Ant2 | 4.01  | 0 | 4.01  | <7.99 | PASS |
| 11AC20 | 5700 | Ant1+ Ant2 | 4.56  | 0 | 4.56  | <7.99 | PASS |
| 11AC80 | 5210 | Ant1+ Ant2 | -2.26 | 0 | -2.26 | <7.99 | PASS |
| 11AC80 | 5290 | Ant1+ Ant2 | -2.08 | 0 | -2.08 | <7.99 | PASS |
| 11AC80 | 5530 | Ant1+ Ant2 | -2.84 | 0 | -2.84 | <7.99 | PASS |
| 11AC80 | 5610 | Ant1+ Ant2 | -0.94 | 0 | -0.94 | <7.99 | PASS |
| 11AC40 | 5190 | Ant1+ Ant2 | -0.08 | 0 | -0.08 | <7.99 | PASS |
| 11AC40 | 5230 | Ant1+ Ant2 | 0.23  | 0 | 0.23  | <7.99 | PASS |
| 11AC40 | 5270 | Ant1+ Ant2 | 0.82  | 0 | 0.82  | <7.99 | PASS |
| 11AC40 | 5310 | Ant1+ Ant2 | 0.57  | 0 | 0.57  | <7.99 | PASS |
| 11AC40 | 5510 | Ant1+ Ant2 | -1.14 | 0 | -1.14 | <7.99 | PASS |
| 11AC40 | 5590 | Ant1+ Ant2 | 0.63  | 0 | 0.63  | <7.99 | PASS |
| 11AC40 | 5670 | Ant1+ Ant2 | 3.00  | 0 | 3.00  | <7.99 | PASS |

Remark: directional gain=6dBi+6dBi=9.01dBi, So the limit=11-(9.01-6)=7.99 dBm/MHz



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM180300232405

Page: 510 of 636

| Test Mode | Test Channel | Ant   | Level [dBm/500kHz] | 10log(1/x) Factor[dB] | 10log(500kHz/RBW) Factor [dB] | PSD [dBm/500kHz] | Limit [dBm/500kHz] | Verdict |
|-----------|--------------|-------|--------------------|-----------------------|-------------------------------|------------------|--------------------|---------|
| 11A       | 5745         | Ant 1 | -0.81              | 0                     | 0                             | -0.81            | <17.00             | PASS    |
| 11A       | 5745         | Ant 2 | 2.55               | 0                     | 0                             | 2.55             | <17.00             | PASS    |
| 11A       | 5785         | Ant 1 | -0.94              | 0                     | 0                             | -0.94            | <17.00             | PASS    |
| 11A       | 5785         | Ant 2 | 2.27               | 0                     | 0                             | 2.27             | <17.00             | PASS    |
| 11A       | 5825         | Ant 1 | -0.71              | 0                     | 0                             | -0.71            | <17.00             | PASS    |
| 11A       | 5825         | Ant 2 | 0.99               | 0                     | 0                             | 0.99             | <17.00             | PASS    |
| 11N20     | 5745         | Ant 1 | -0.72              | 0                     | 0                             | -0.72            | <17.00             | PASS    |
| 11N20     | 5745         | Ant 2 | 2.01               | 0                     | 0                             | 2.01             | <17.00             | PASS    |
| 11N20     | 5785         | Ant 1 | -0.19              | 0                     | 0                             | -0.19            | <17.00             | PASS    |
| 11N20     | 5785         | Ant 2 | 2.19               | 0                     | 0                             | 2.19             | <17.00             | PASS    |
| 11N20     | 5825         | Ant 1 | -1.3               | 0                     | 0                             | -1.3             | <17.00             | PASS    |
| 11N20     | 5825         | Ant 2 | 1.35               | 0                     | 0                             | 1.35             | <17.00             | PASS    |
| 11N40     | 5755         | Ant 1 | -4.24              | 0                     | 0                             | -4.24            | <17.00             | PASS    |
| 11N40     | 5755         | Ant 2 | -0.51              | 0                     | 0                             | -0.51            | <17.00             | PASS    |
| 11N40     | 5795         | Ant 1 | -4.46              | 0                     | 0                             | -4.46            | <17.00             | PASS    |
| 11N40     | 5795         | Ant 2 | -0.77              | 0                     | 0                             | -0.77            | <17.00             | PASS    |
| 11AC20    | 5745         | Ant 1 | -1.72              | 0                     | 0                             | -1.72            | <17.00             | PASS    |
| 11AC20    | 5745         | Ant 2 | 2.73               | 0                     | 0                             | 2.73             | <17.00             | PASS    |
| 11AC2     | 5785         | Ant   | -1.67              | 0                     | 0                             | -1.67            | <17.00             | PASS    |



**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

Report No.: SZEM180300232405

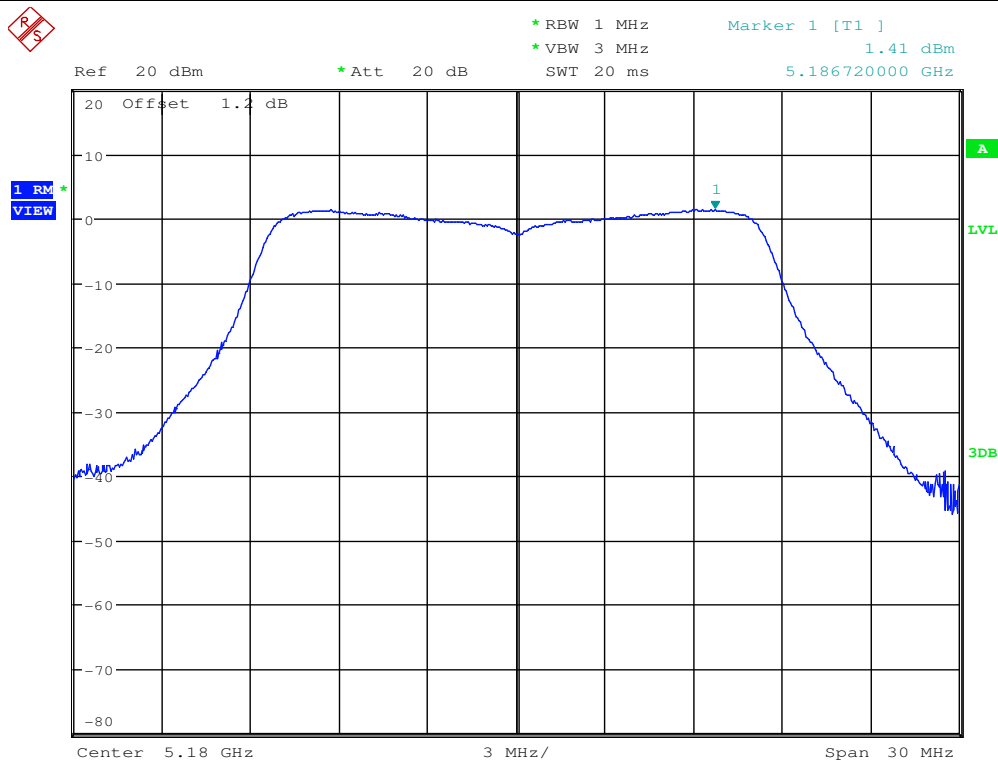
Page: 511 of 636

|            |      |          |       |   |   |       |        |      |
|------------|------|----------|-------|---|---|-------|--------|------|
| 0          |      | 1        |       |   |   |       |        |      |
| 11AC2<br>0 | 5785 | Ant<br>2 | 2.4   | 0 | 0 | 2.4   | <17.00 | PASS |
| 11AC2<br>0 | 5825 | Ant<br>1 | -1.31 | 0 | 0 | -1.31 | <17.00 | PASS |
| 11AC2<br>0 | 5825 | Ant<br>2 | 1.53  | 0 | 0 | 1.53  | <17.00 | PASS |
| 11AC8<br>0 | 5775 | Ant<br>1 | -7.87 | 0 | 0 | -7.87 | <17.00 | PASS |
| 11AC8<br>0 | 5775 | Ant<br>2 | -2.7  | 0 | 0 | -2.7  | <17.00 | PASS |
| 11AC4<br>0 | 5755 | Ant<br>1 | -4.68 | 0 | 0 | -4.68 | <17.00 | PASS |
| 11AC4<br>0 | 5755 | Ant<br>2 | 0.31  | 0 | 0 | 0.31  | <17.00 | PASS |
| 11AC4<br>0 | 5795 | Ant<br>1 | -4.42 | 0 | 0 | -4.42 | <17.00 | PASS |
| 11AC4<br>0 | 5795 | Ant<br>2 | -0.02 | 0 | 0 | -0.02 | <17.00 | PASS |

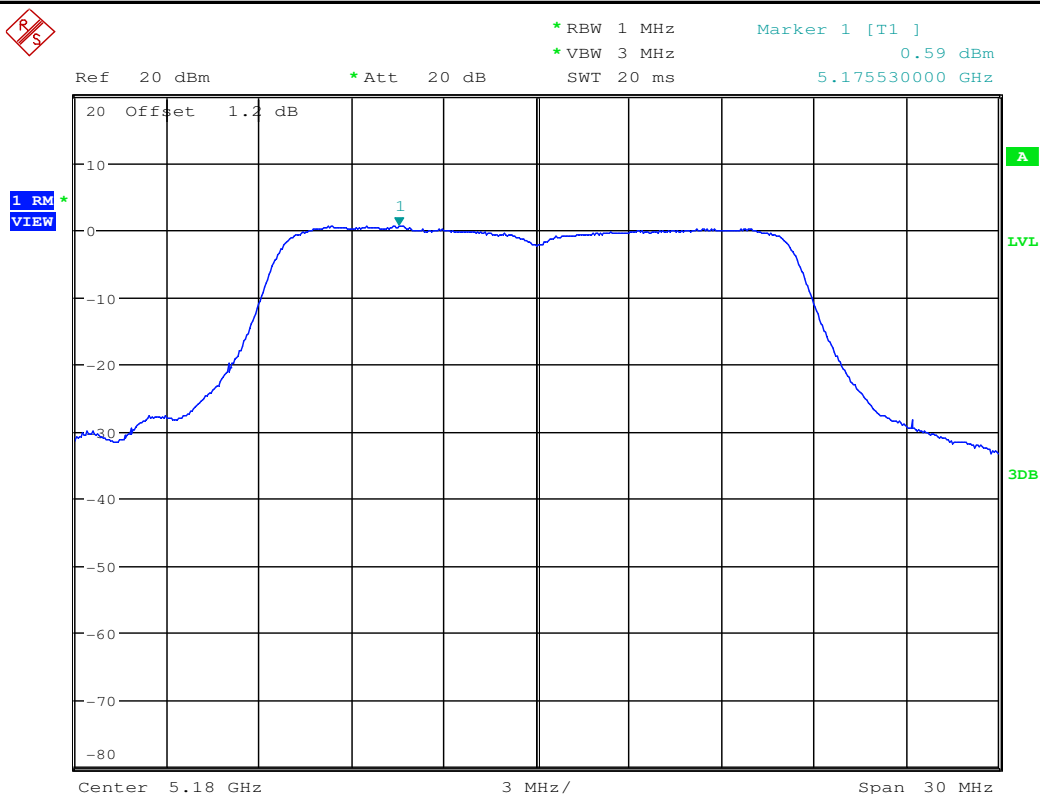
| Test<br>Mode | Test<br>Chann<br>el | Ant       | Level<br>[dBm/500k<br>Hz] | 10log(1/x)<br>Factor[dB<br>] | 10log(500kHz/RBW)<br>Factor [dB] | PSD<br>[dBm/500kHz] | Limit<br>[dBm/500kHz] | Verdict |
|--------------|---------------------|-----------|---------------------------|------------------------------|----------------------------------|---------------------|-----------------------|---------|
| 11N20        | 5745                | Ant1+ANT2 | 3.87                      | 0                            | 0                                | 3.87                | <13.99                | PASS    |
| 11N20        | 5785                | Ant1+ANT2 | 4.17                      | 0                            | 0                                | 4.17                | <13.99                | PASS    |
| 11N20        | 5825                | Ant1+ANT2 | 3.23                      | 0                            | 0                                | 3.23                | <13.99                | PASS    |
| 11N40        | 5755                | Ant1+ANT2 | 1.02                      | 0                            | 0                                | 1.02                | <13.99                | PASS    |
| 11N40        | 5795                | Ant1+ANT2 | 0.78                      | 0                            | 0                                | 0.78                | <13.99                | PASS    |
| 11AC20       | 5745                | Ant1+ANT2 | 4.06                      | 0                            | 0                                | 4.06                | <13.99                | PASS    |
| 11AC20       | 5785                | Ant1+ANT2 | 3.84                      | 0                            | 0                                | 3.84                | <13.99                | PASS    |
| 11AC20       | 5825                | Ant1+ANT2 | 3.35                      | 0                            | 0                                | 3.35                | <13.99                | PASS    |
| 11AC80       | 5775                | Ant1+ANT2 | -1.55                     | 0                            | 0                                | -1.55               | <13.99                | PASS    |
| 11AC40       | 5755                | Ant1+ANT2 | 1.51                      | 0                            | 0                                | 1.51                | <13.99                | PASS    |
| 11AC40       | 5795                | Ant1+ANT2 | 1.33                      | 0                            | 0                                | 1.33                | <13.99                | PASS    |

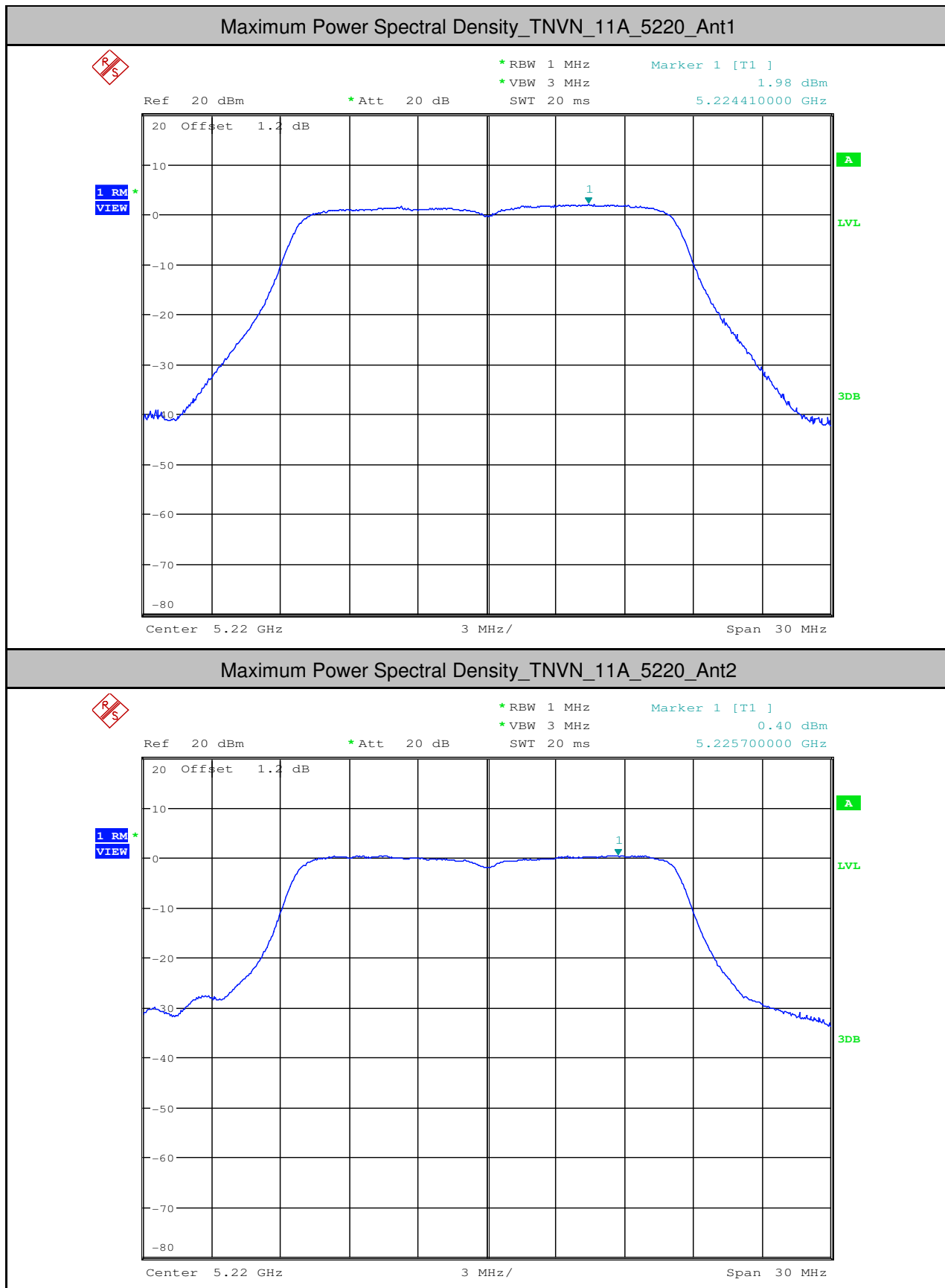
Remark: directional gain=6dBi+6dBi=9.01dBi, So the limit=17-(9.01-6)=13.99 dBm/500KHz

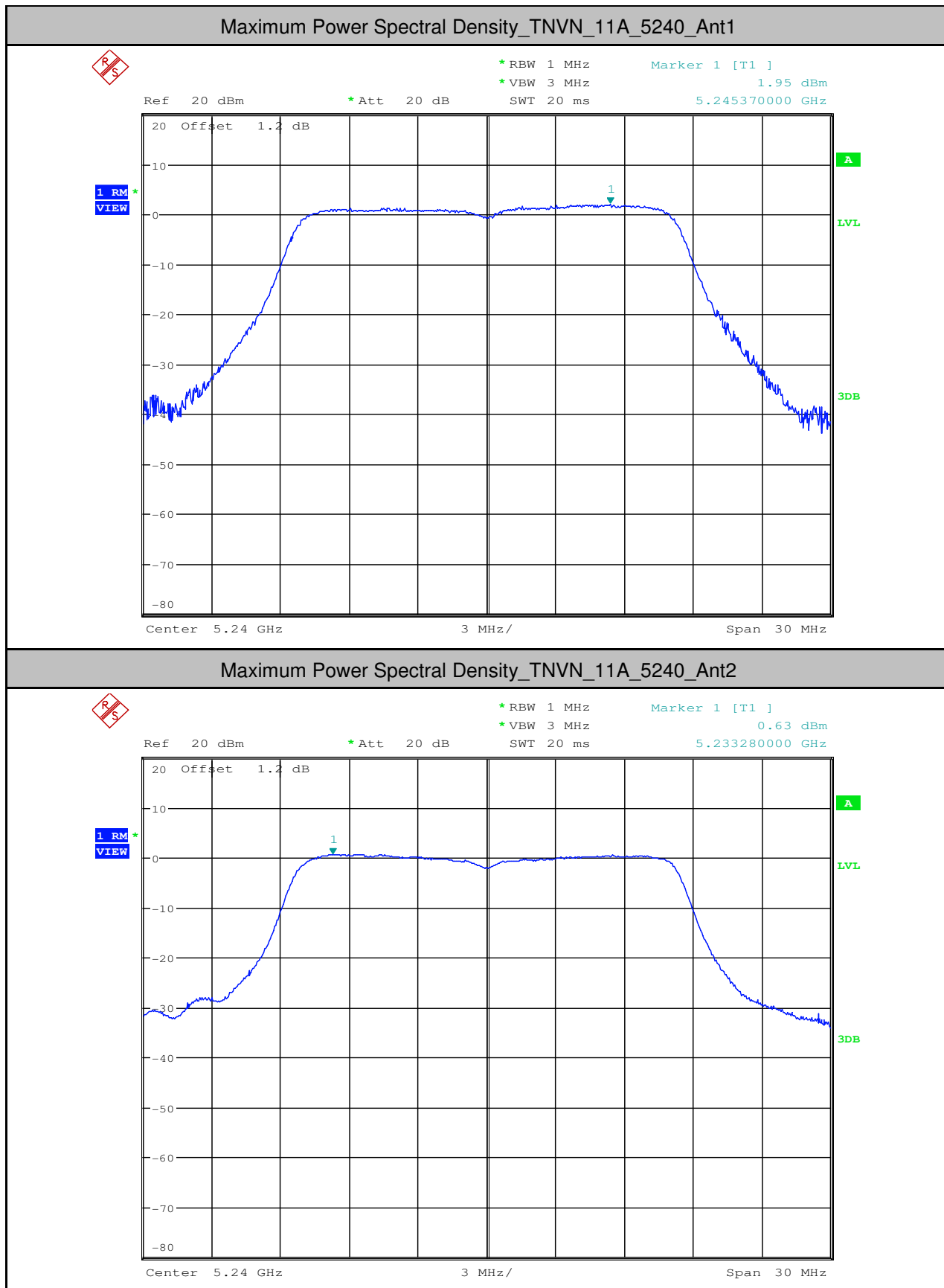
Maximum Power Spectral Density\_TNVN\_11A\_5180\_Ant1

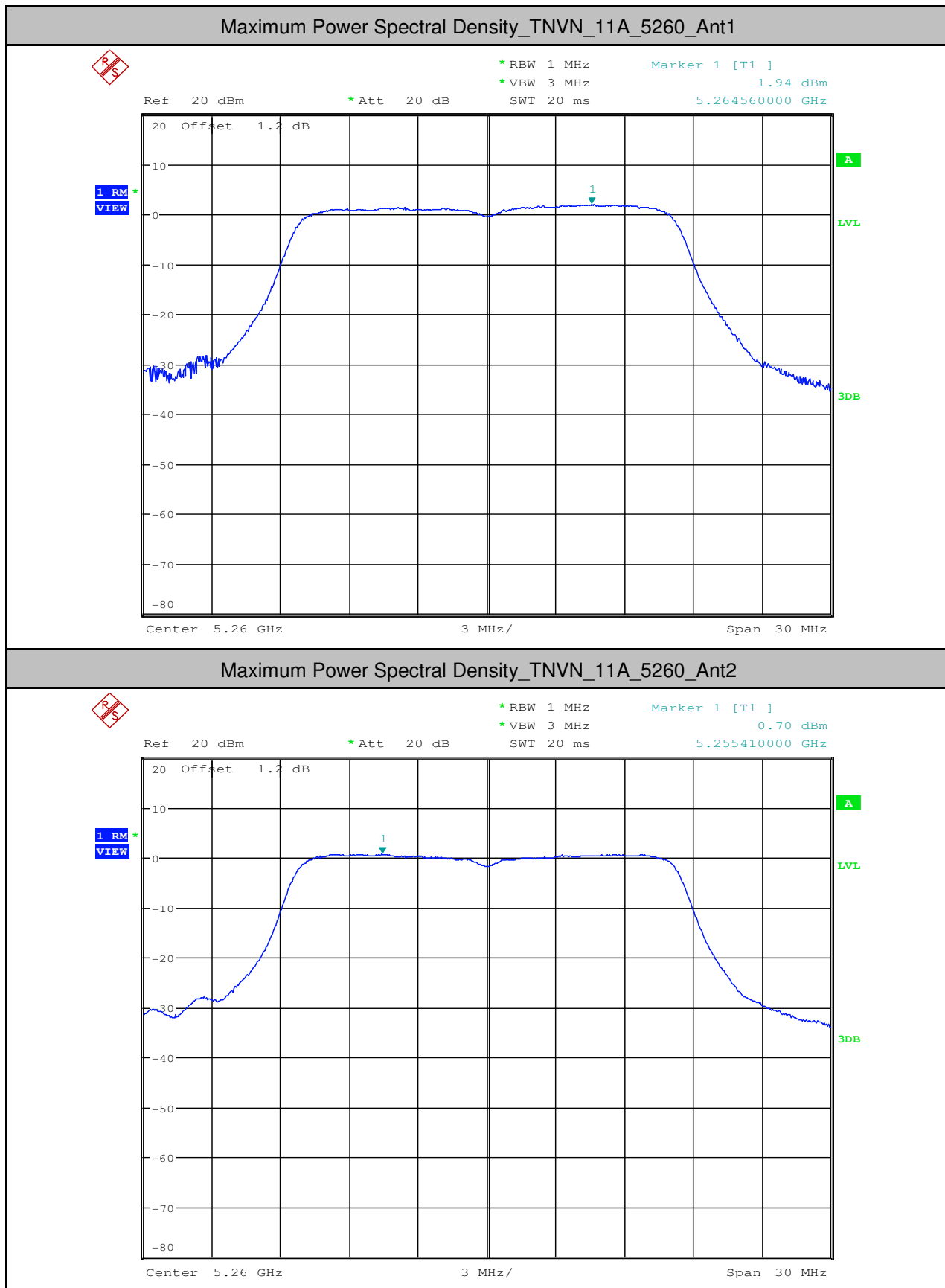


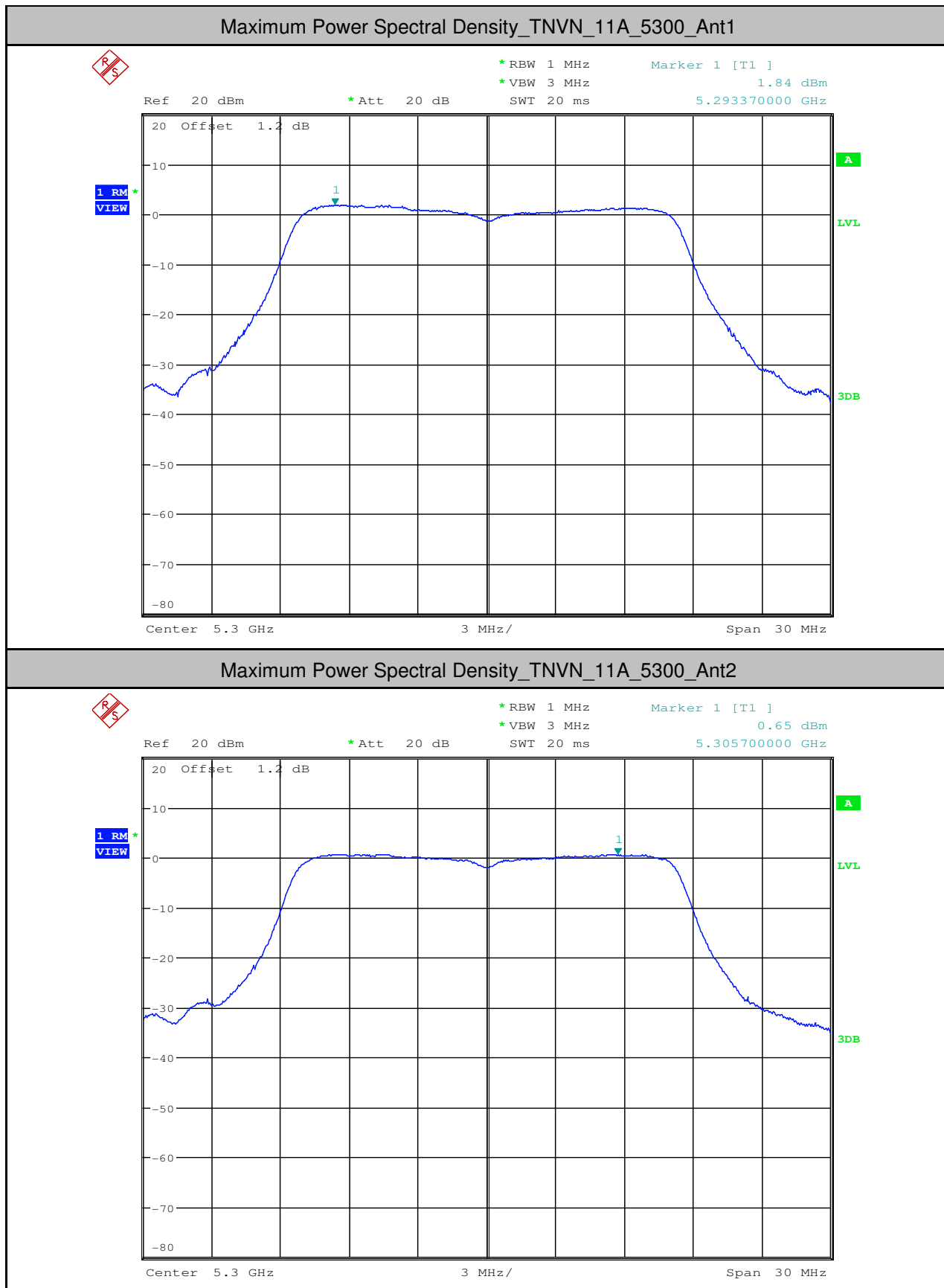
Maximum Power Spectral Density\_TNVN\_11A\_5180\_Ant2

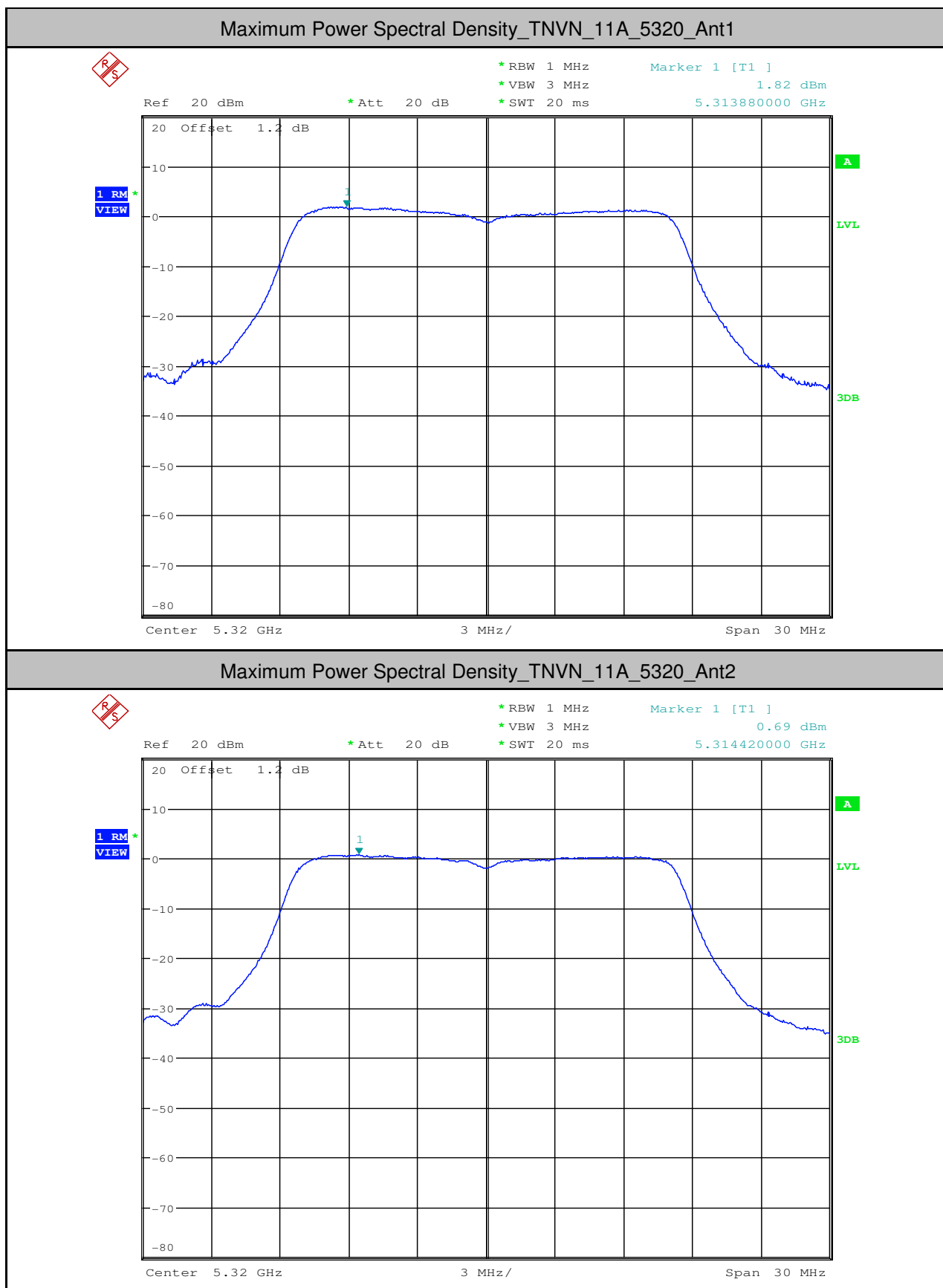


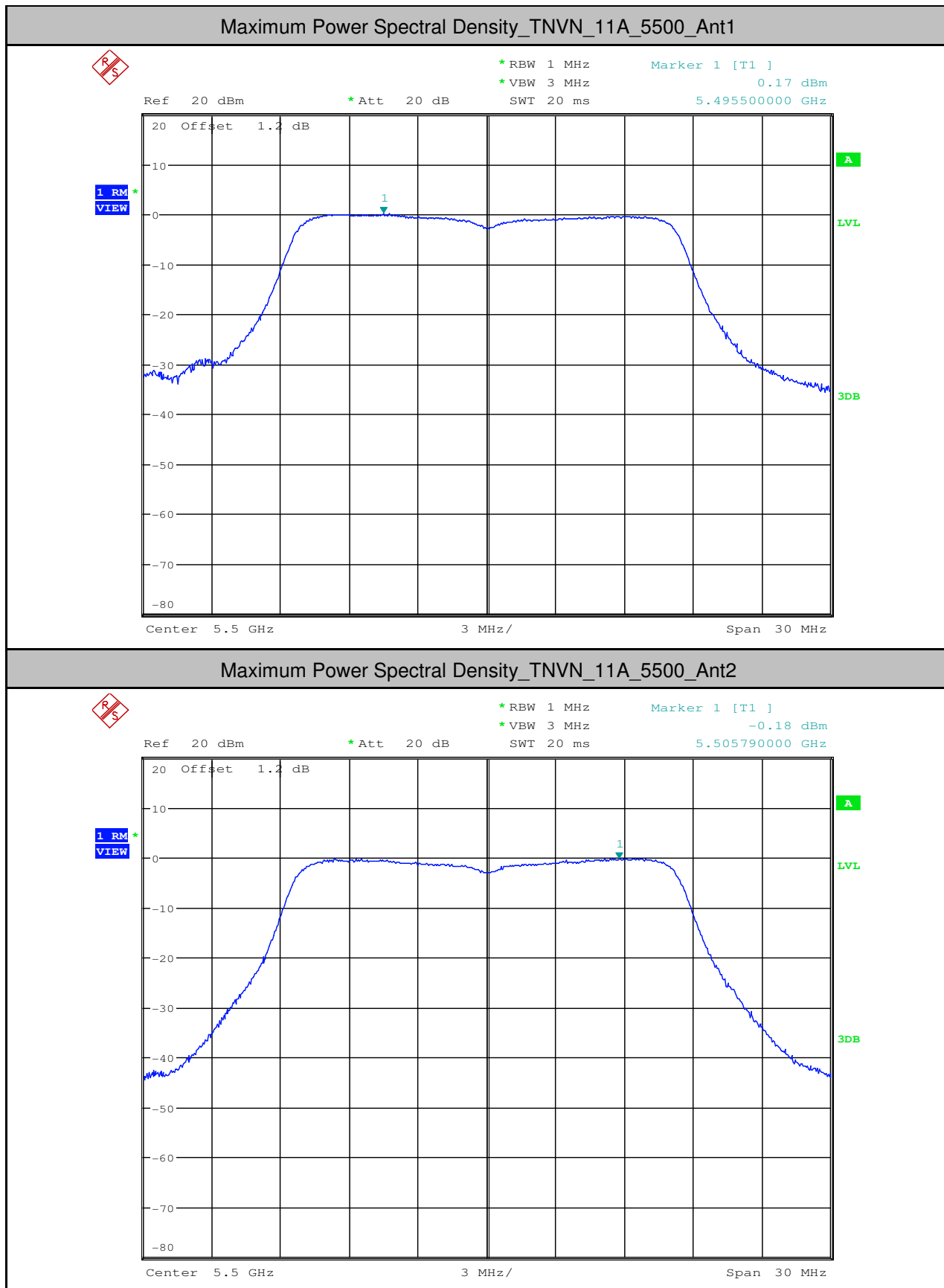


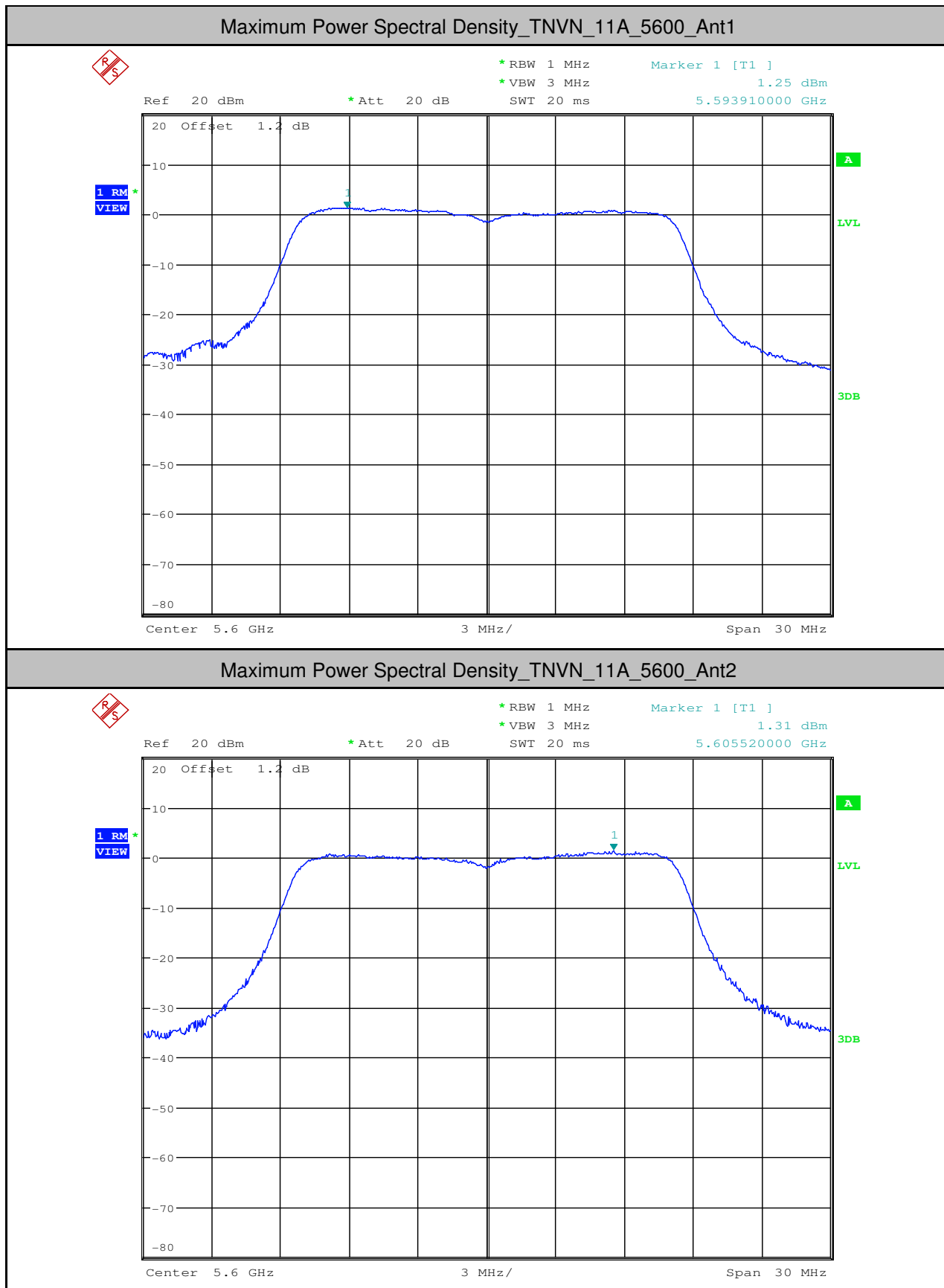


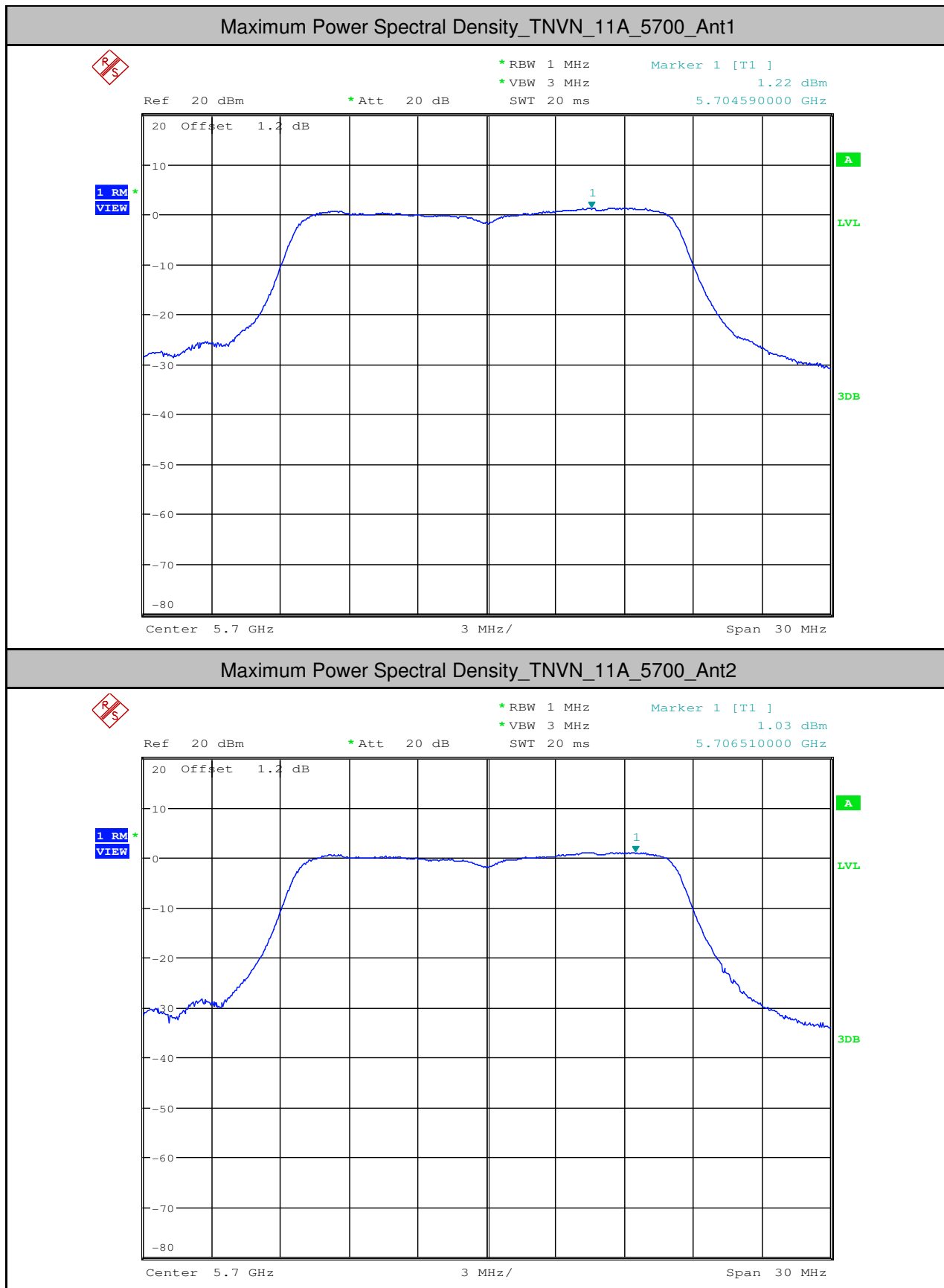


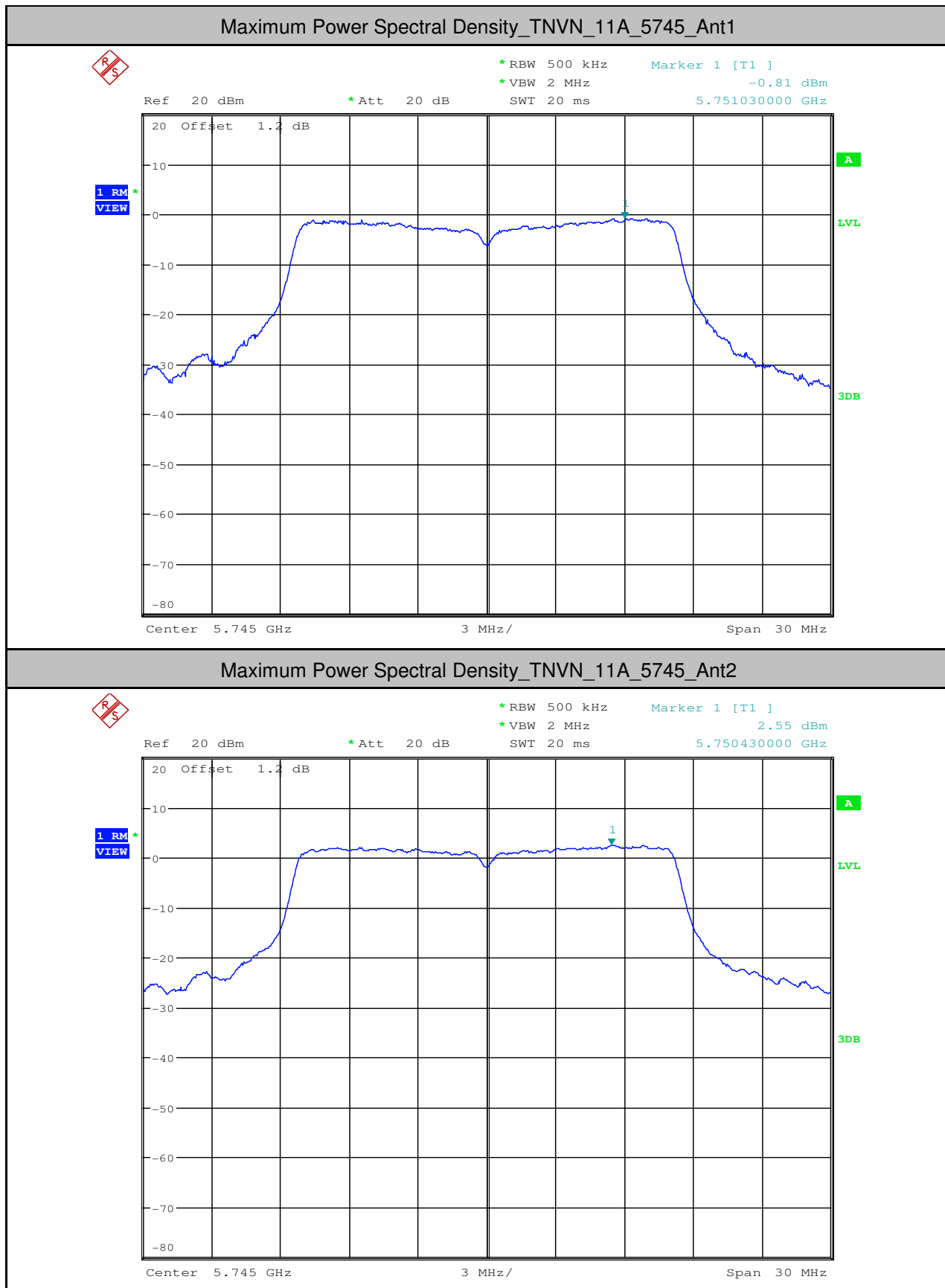


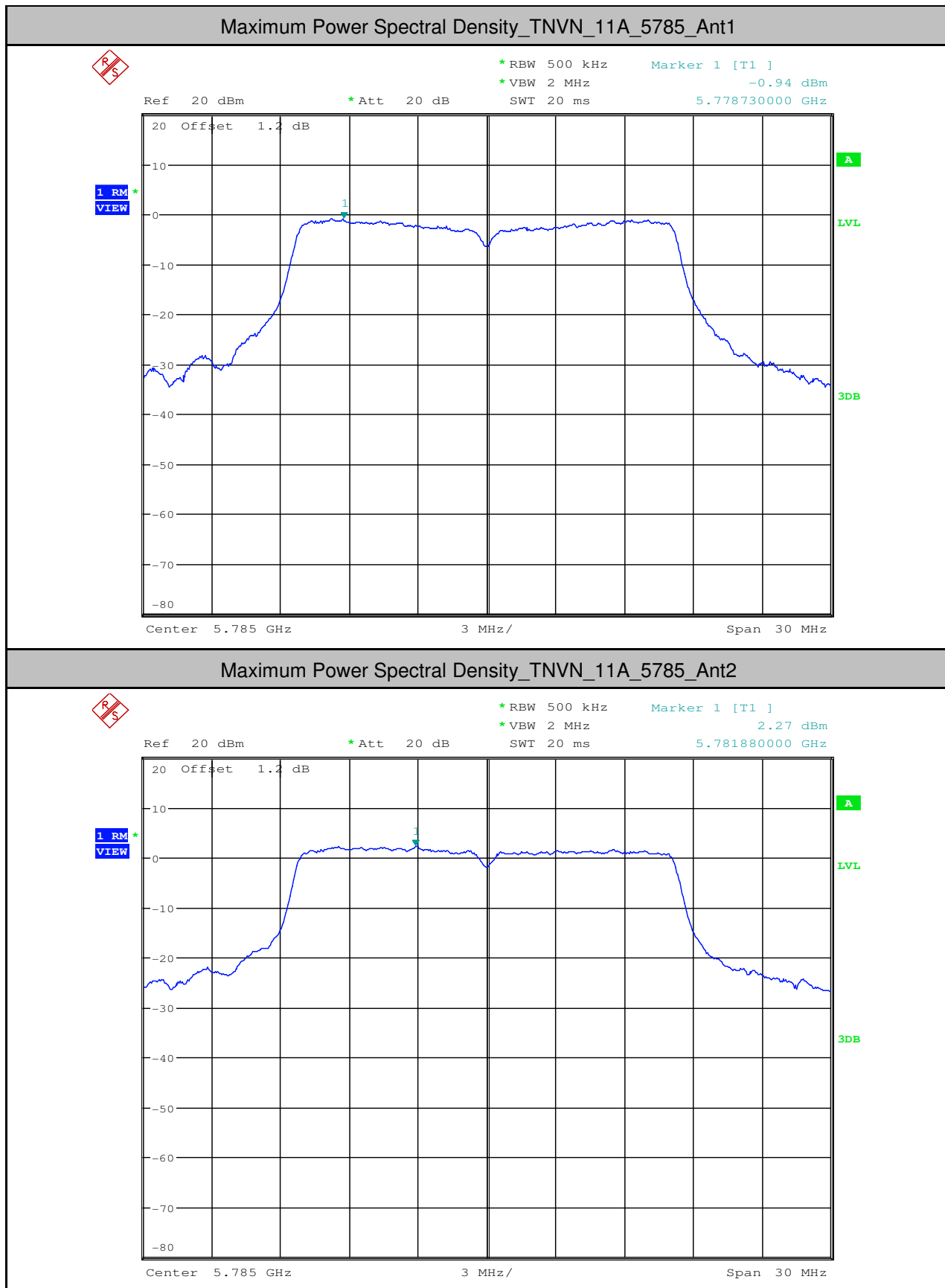




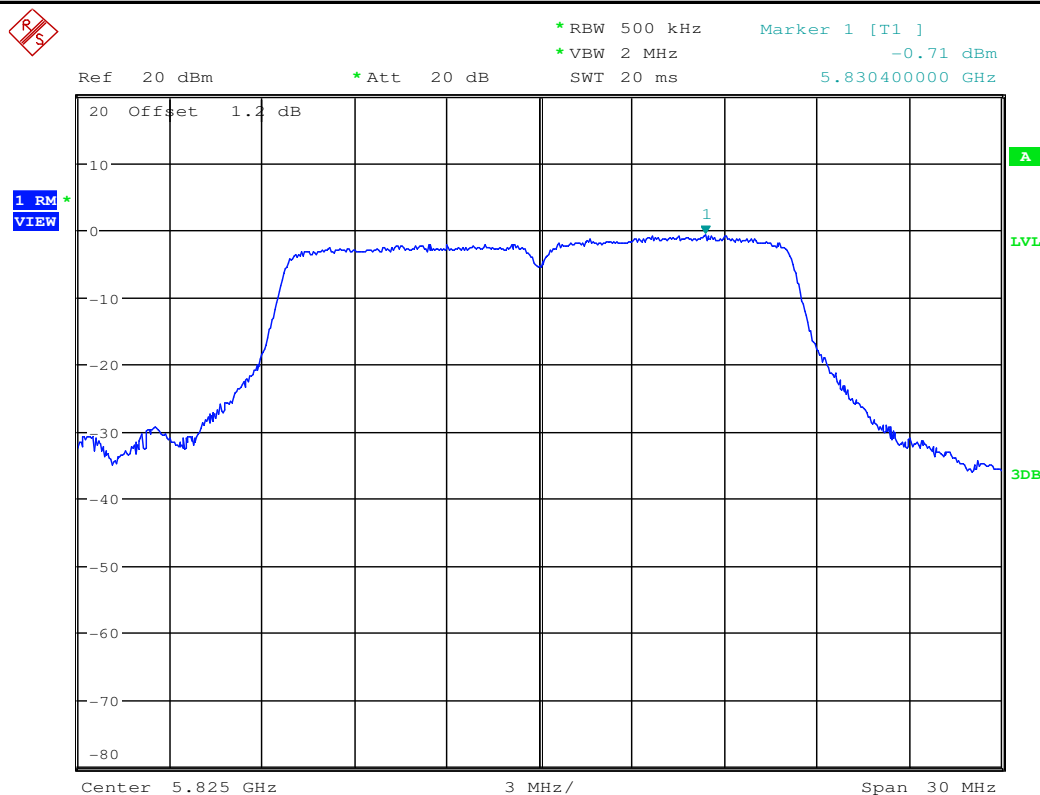




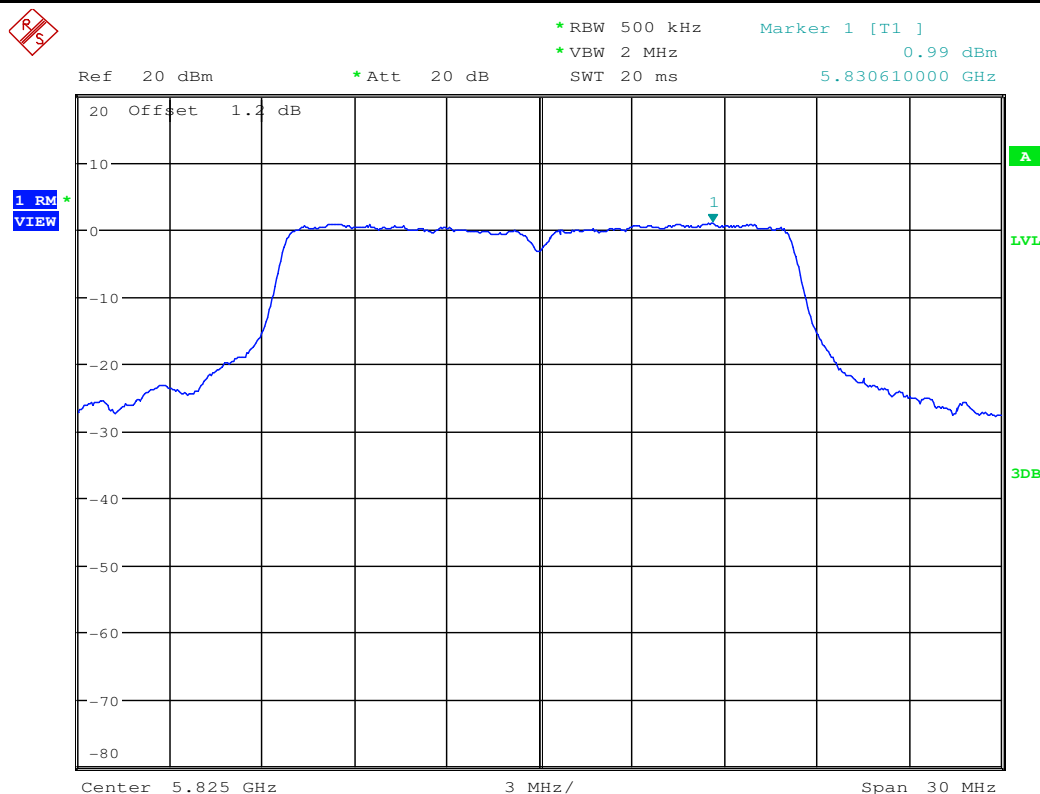


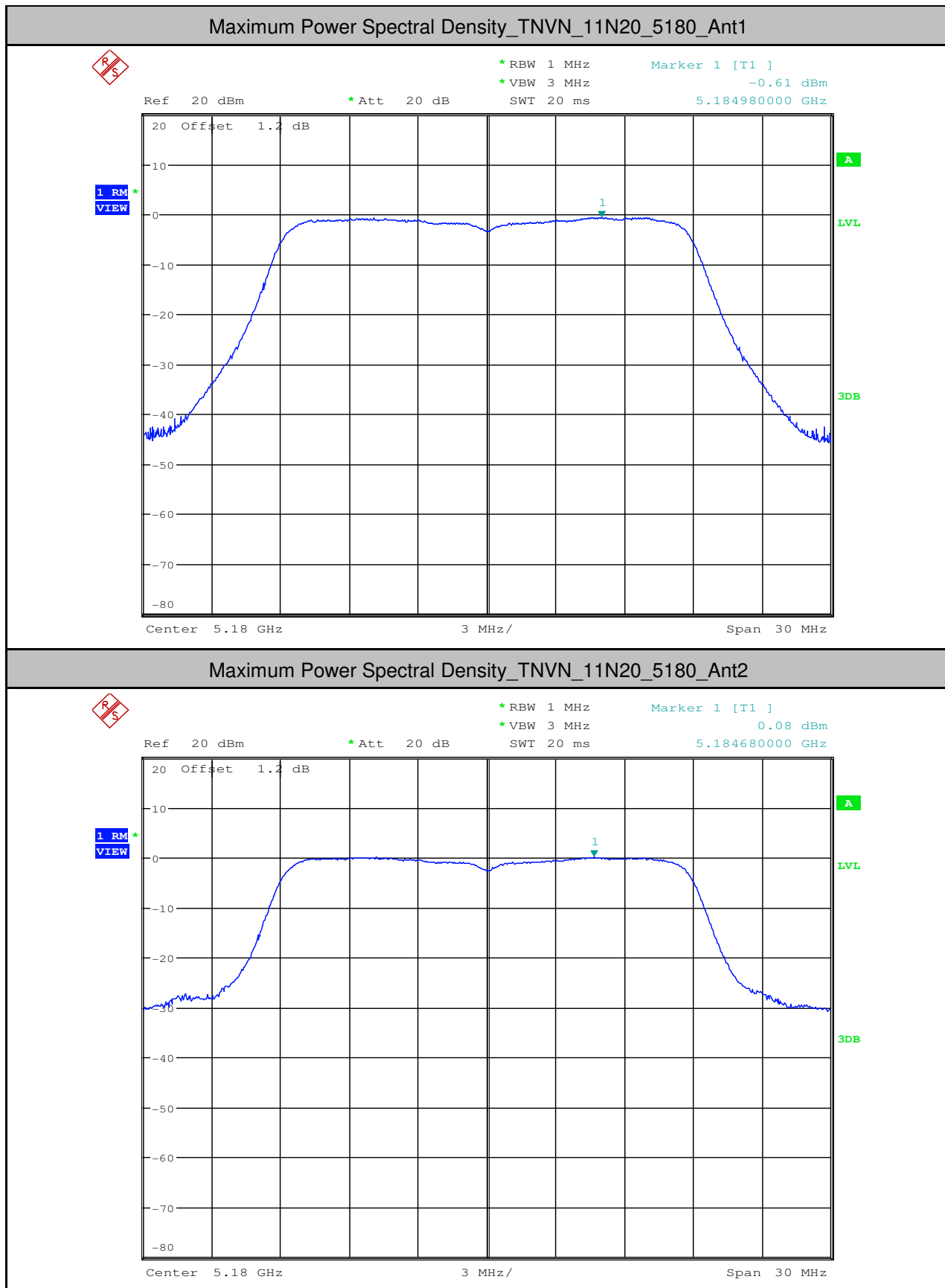


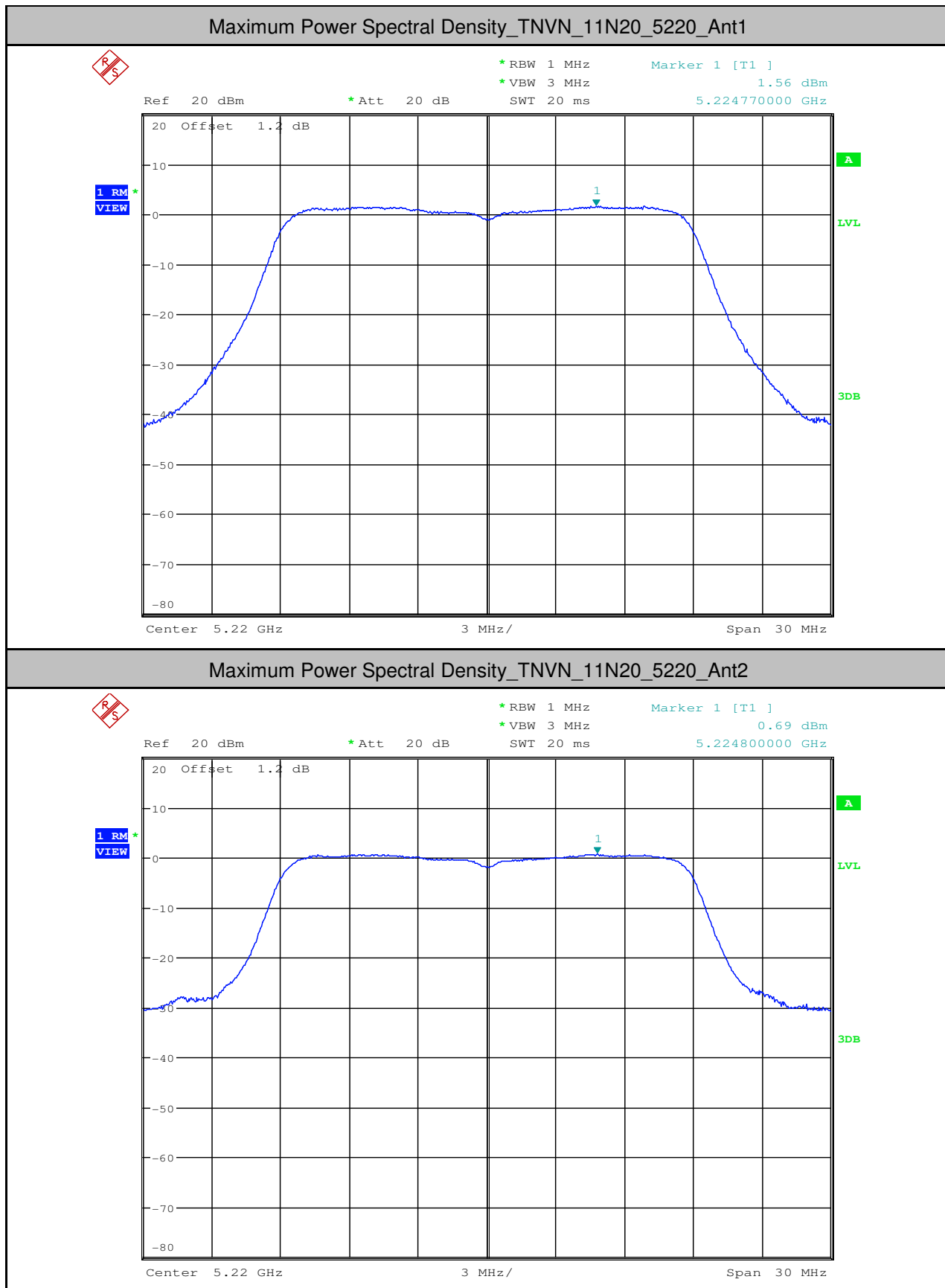
**Maximum Power Spectral Density\_TNVN\_11A\_5825\_Ant1**

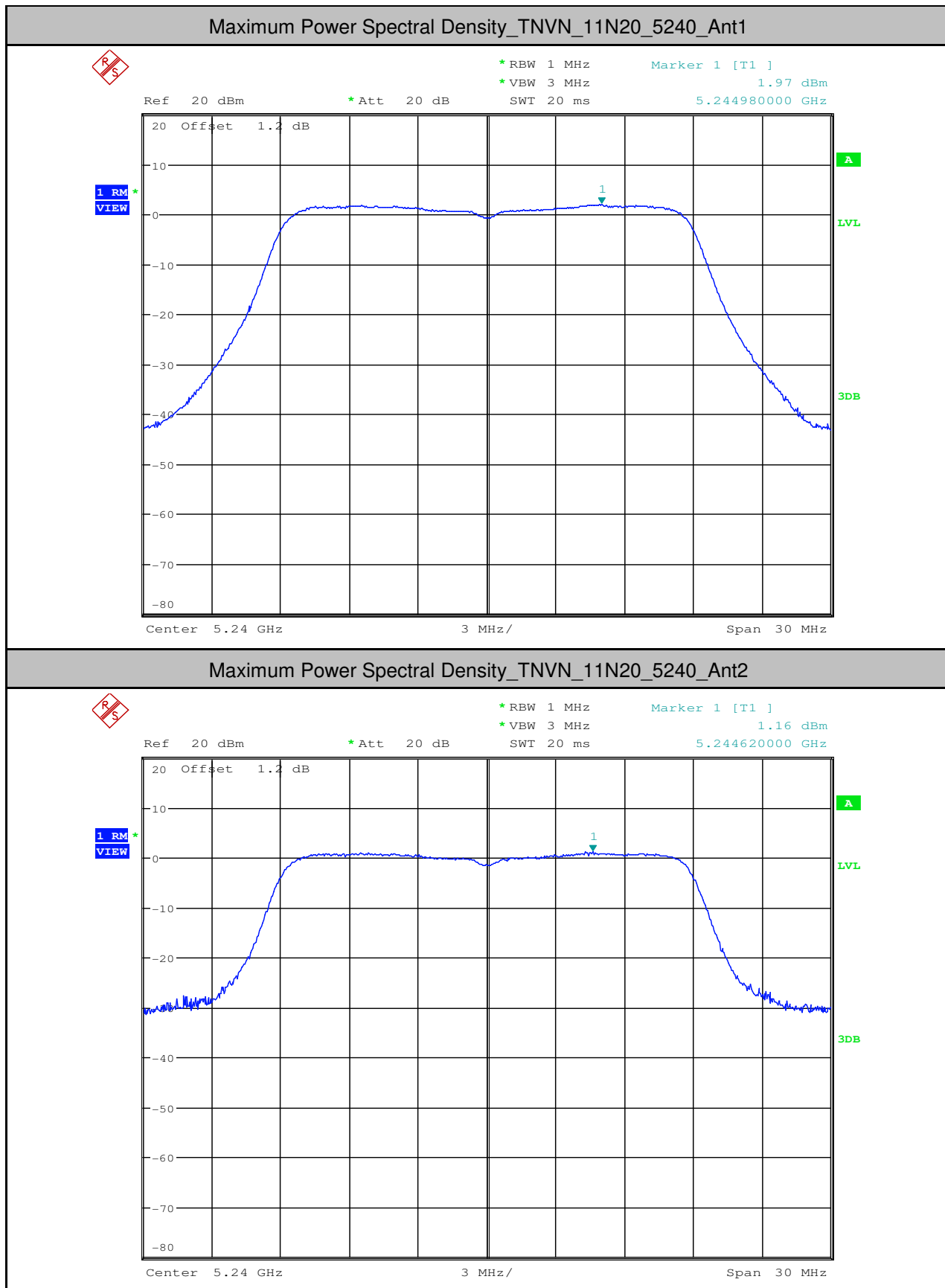


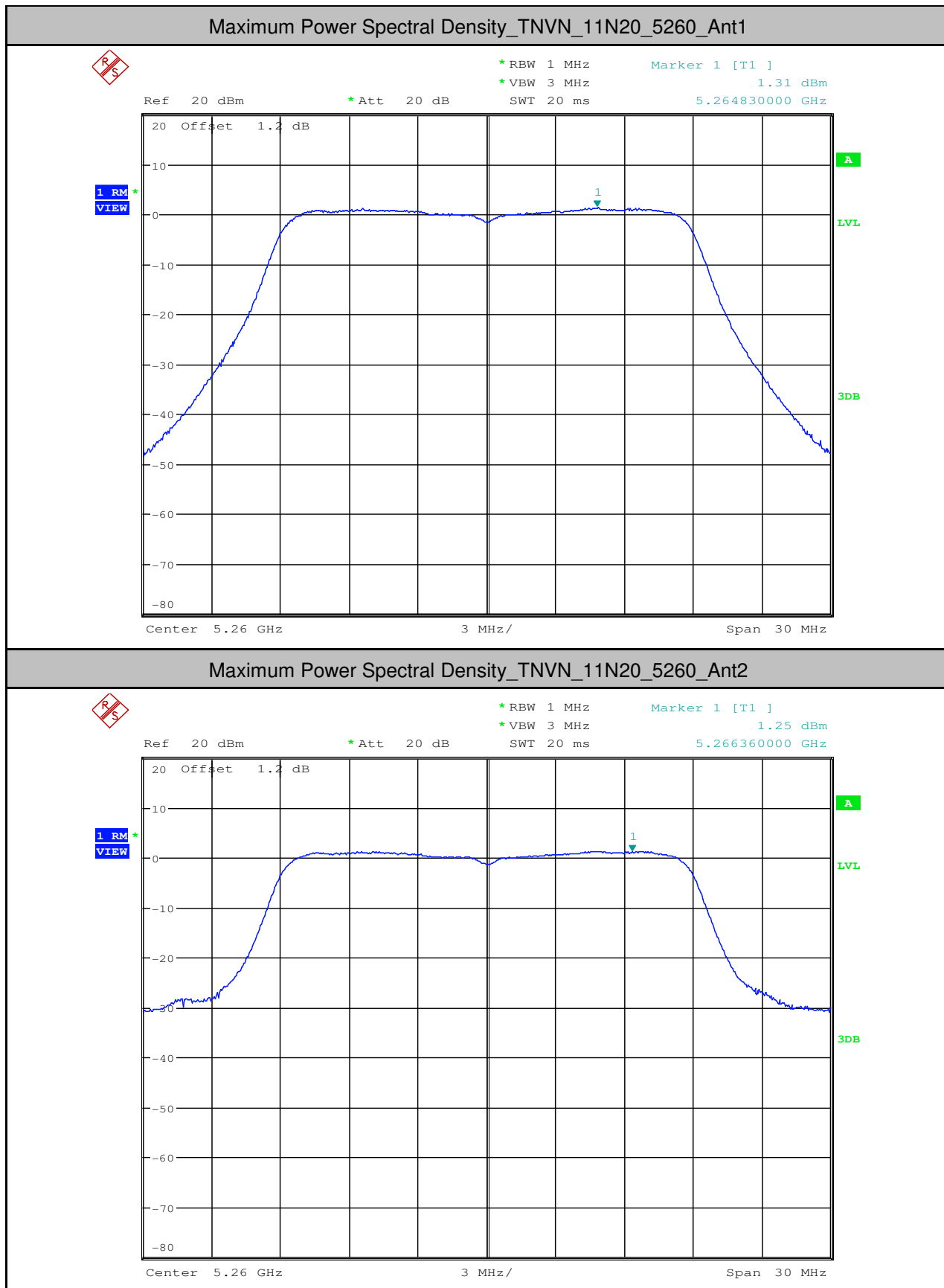
**Maximum Power Spectral Density\_TNVN\_11A\_5825\_Ant2**

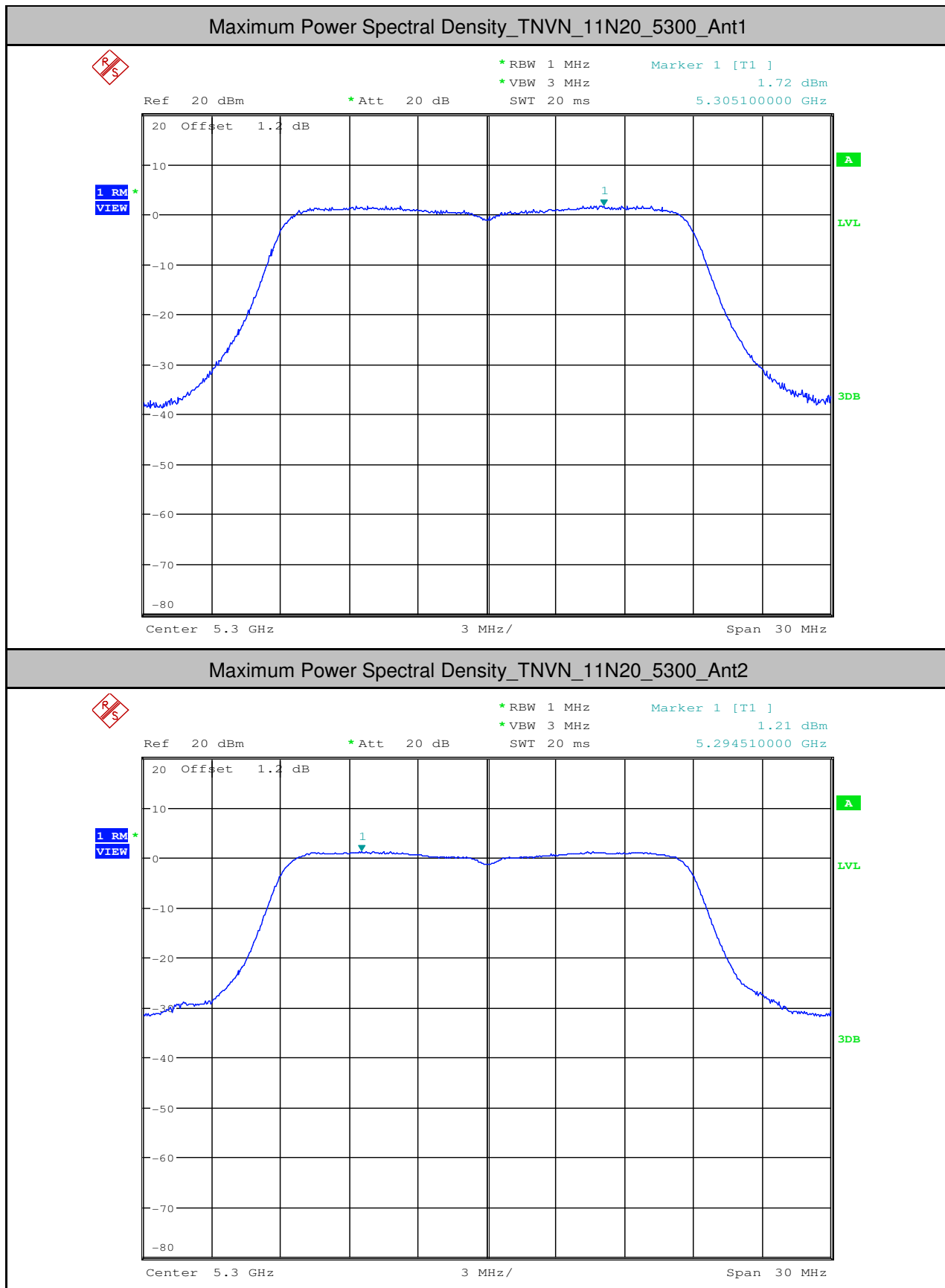


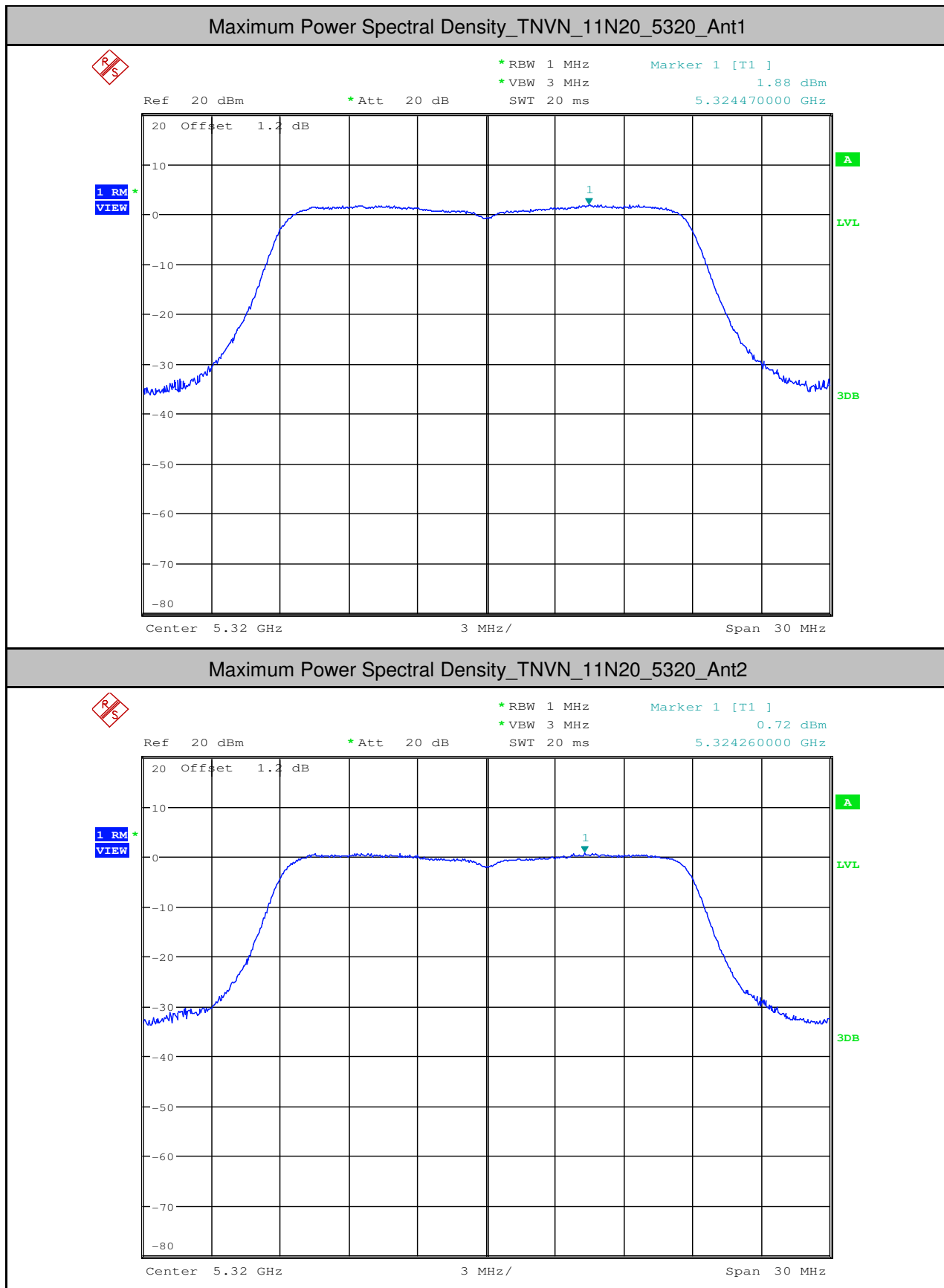


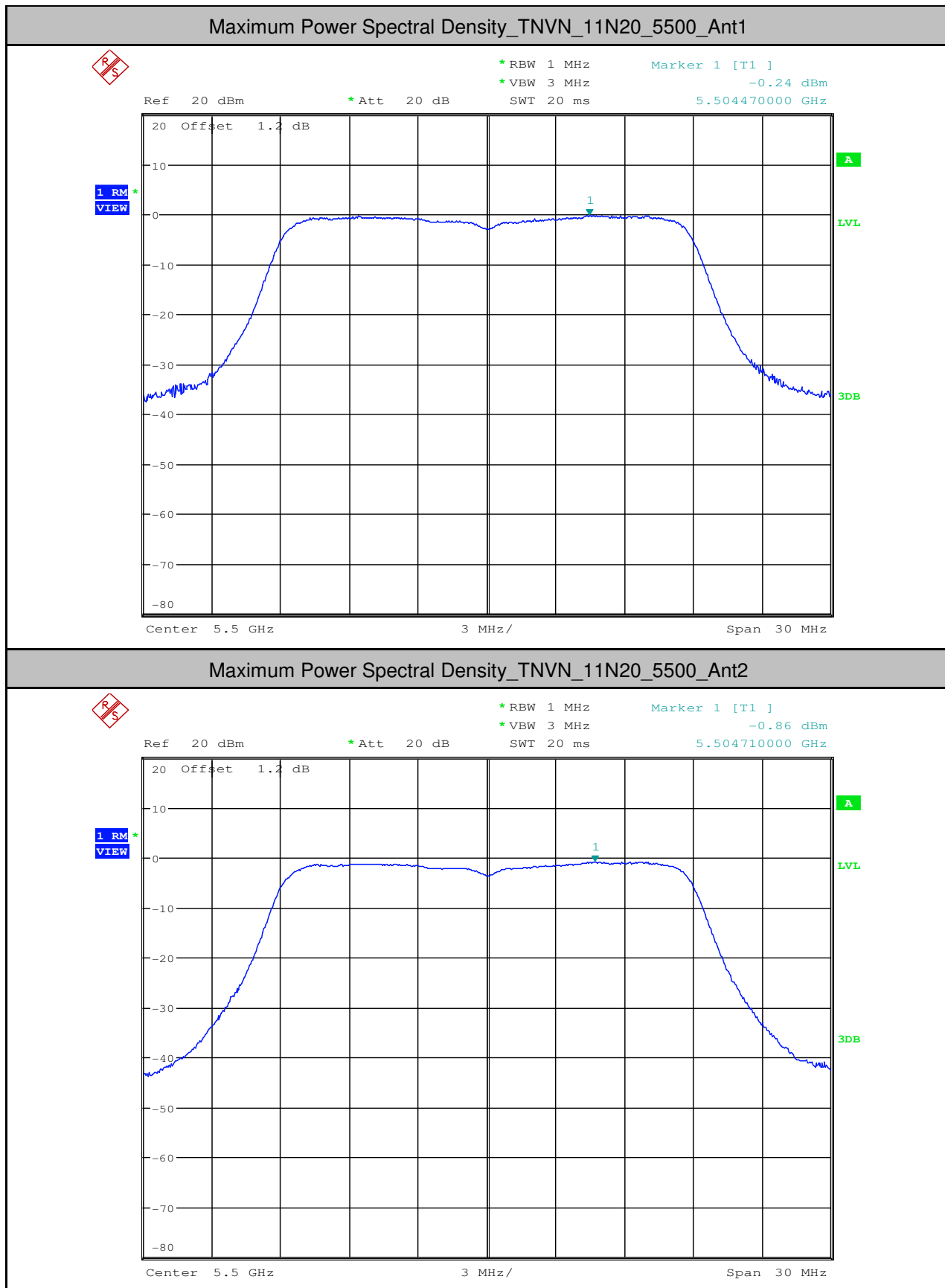


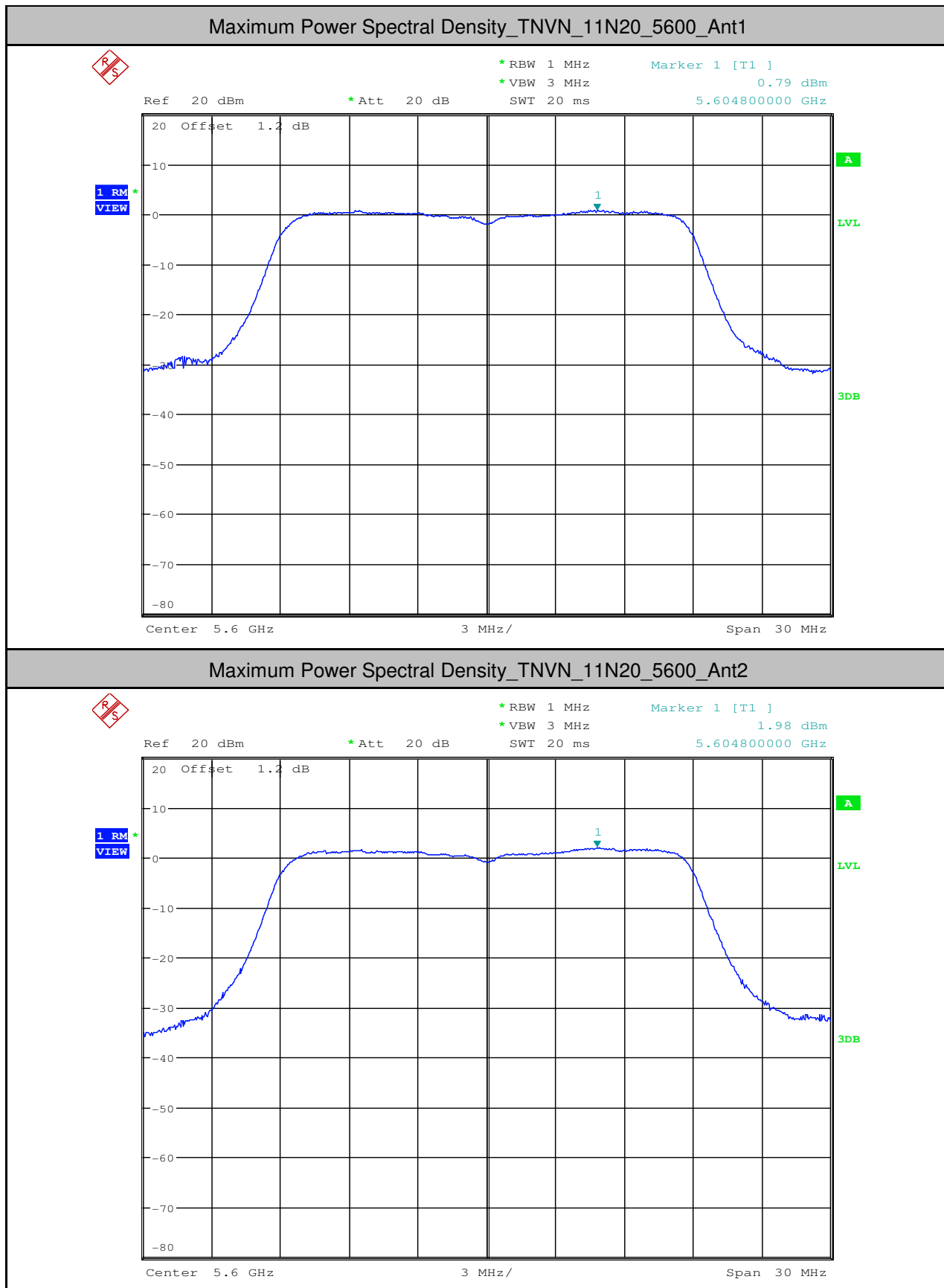


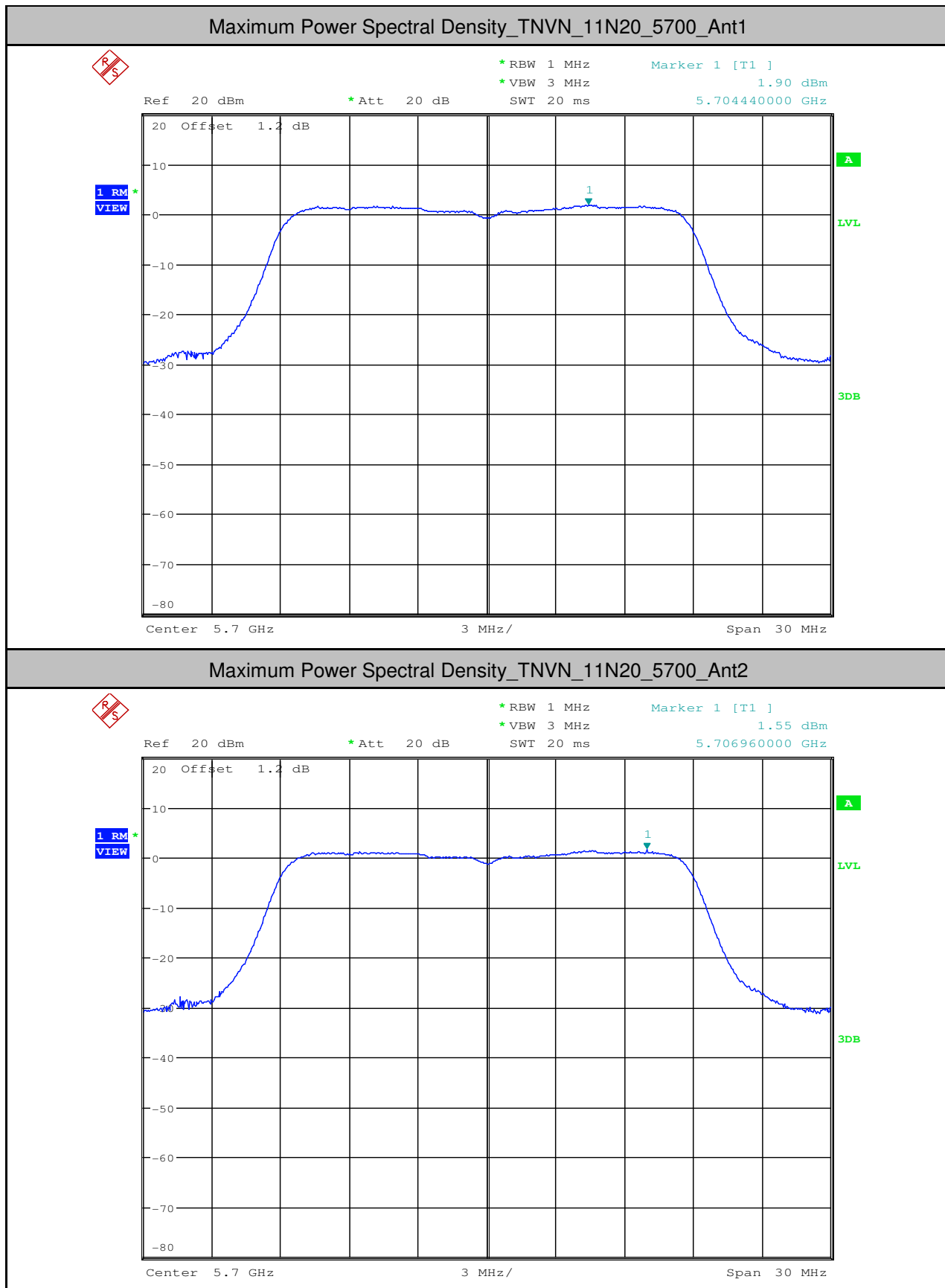


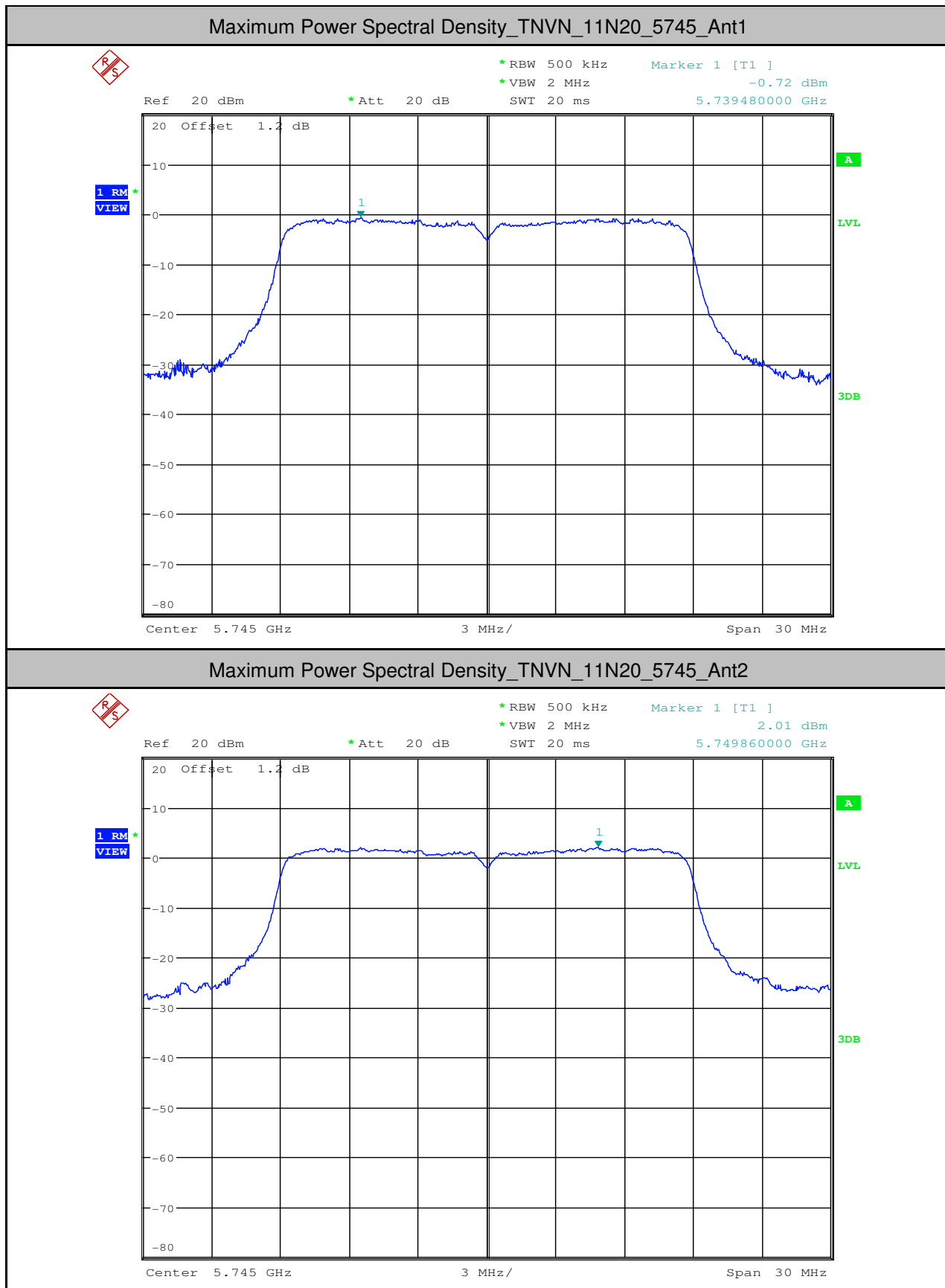


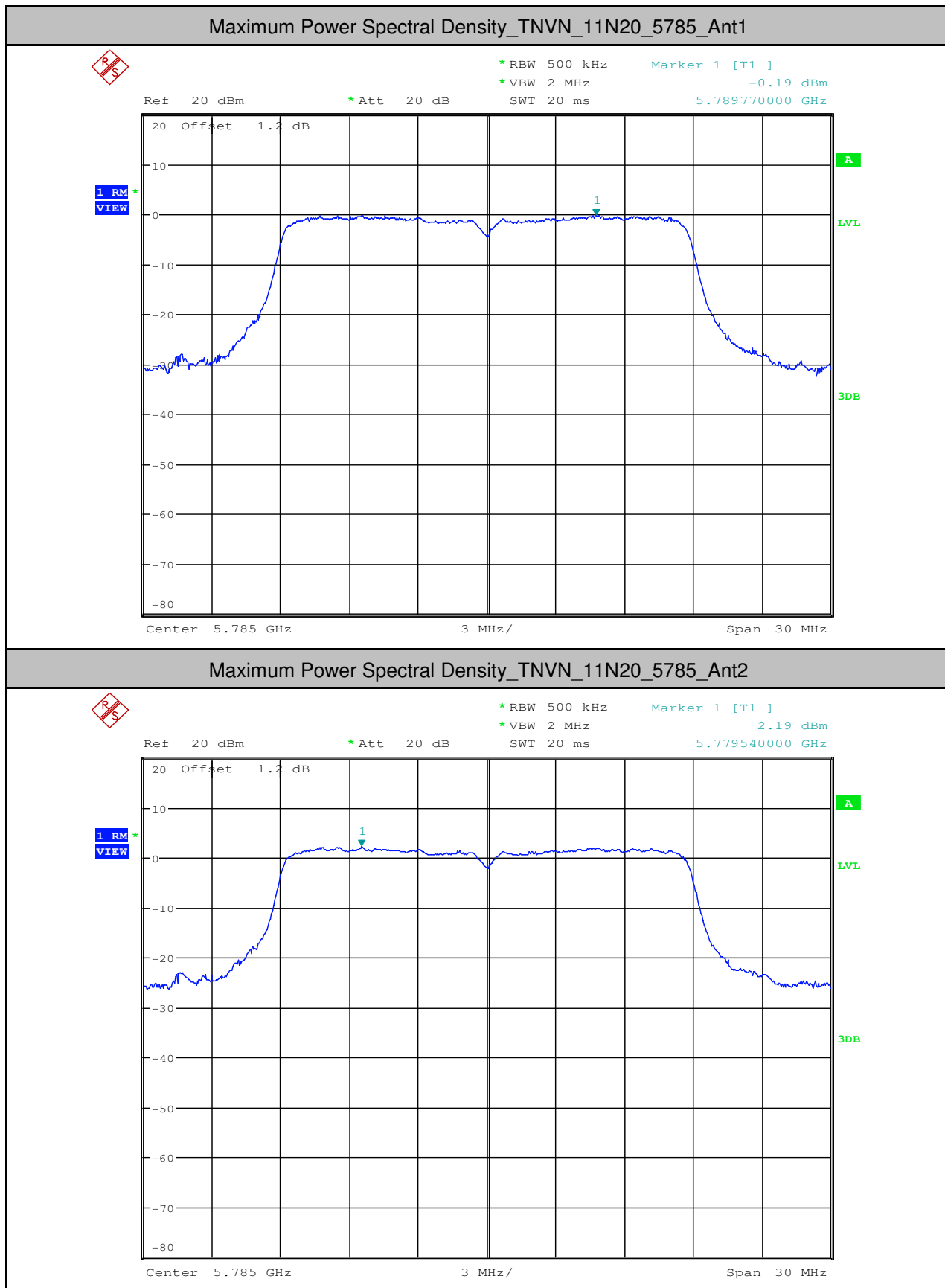


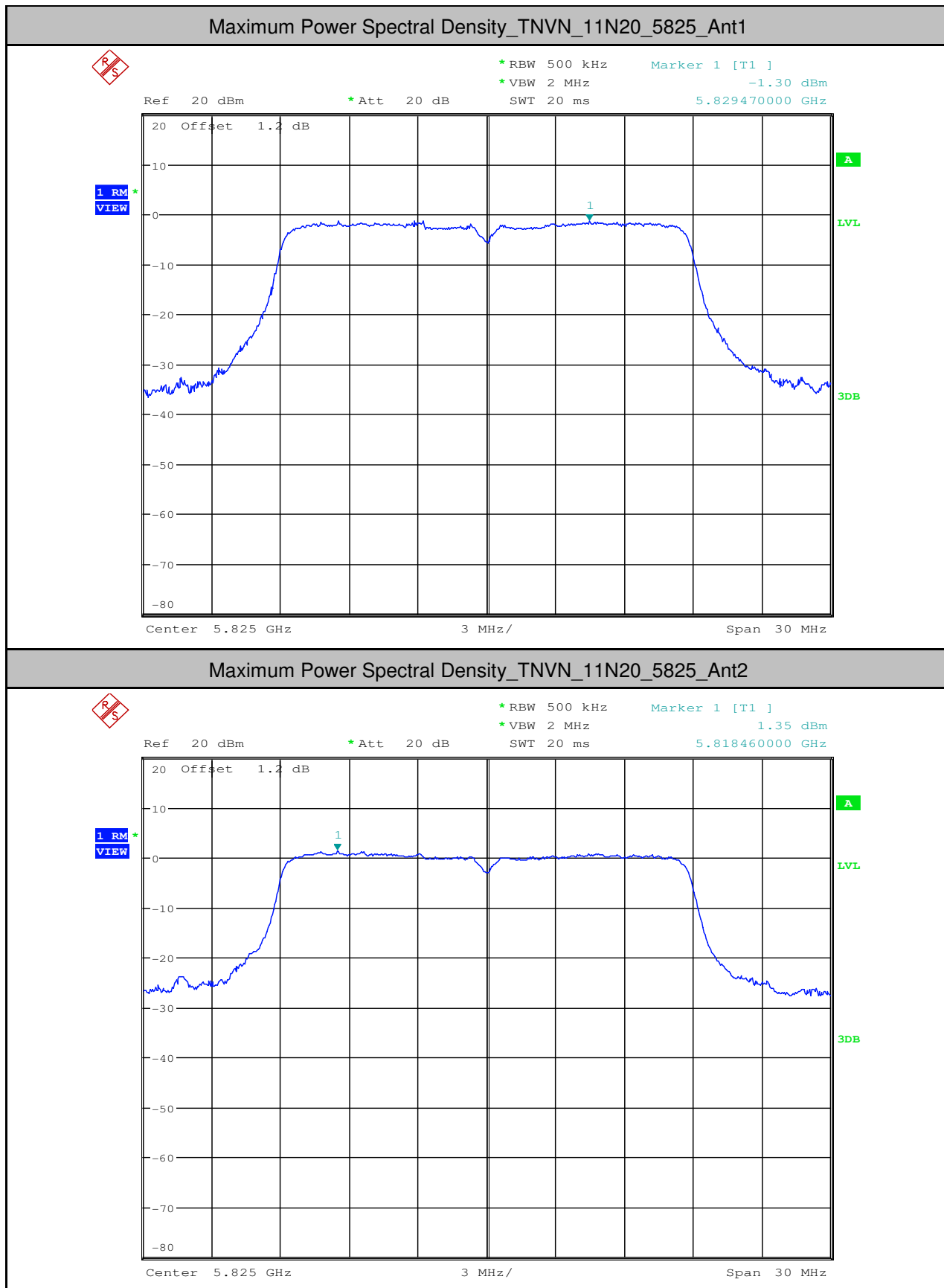


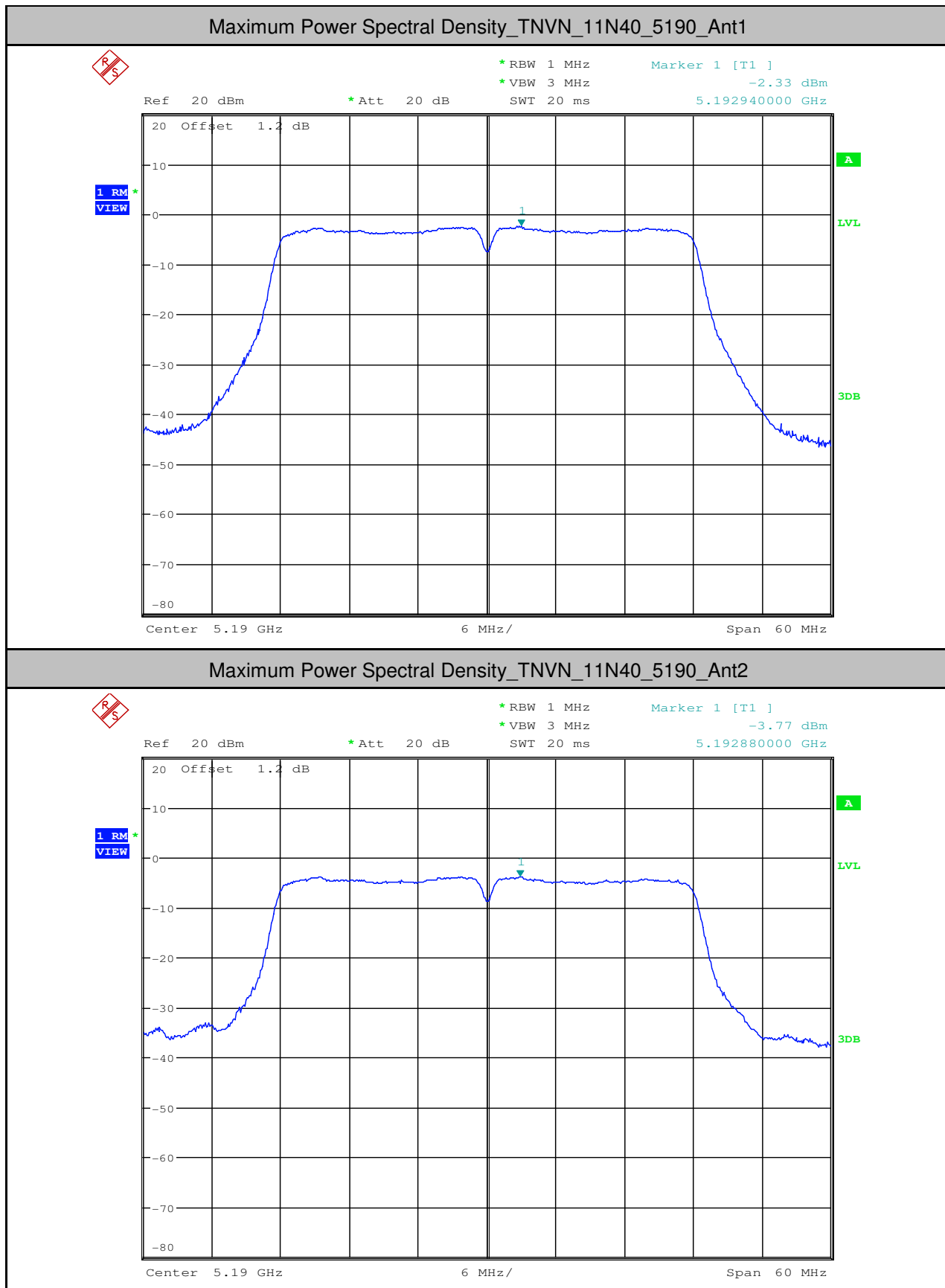




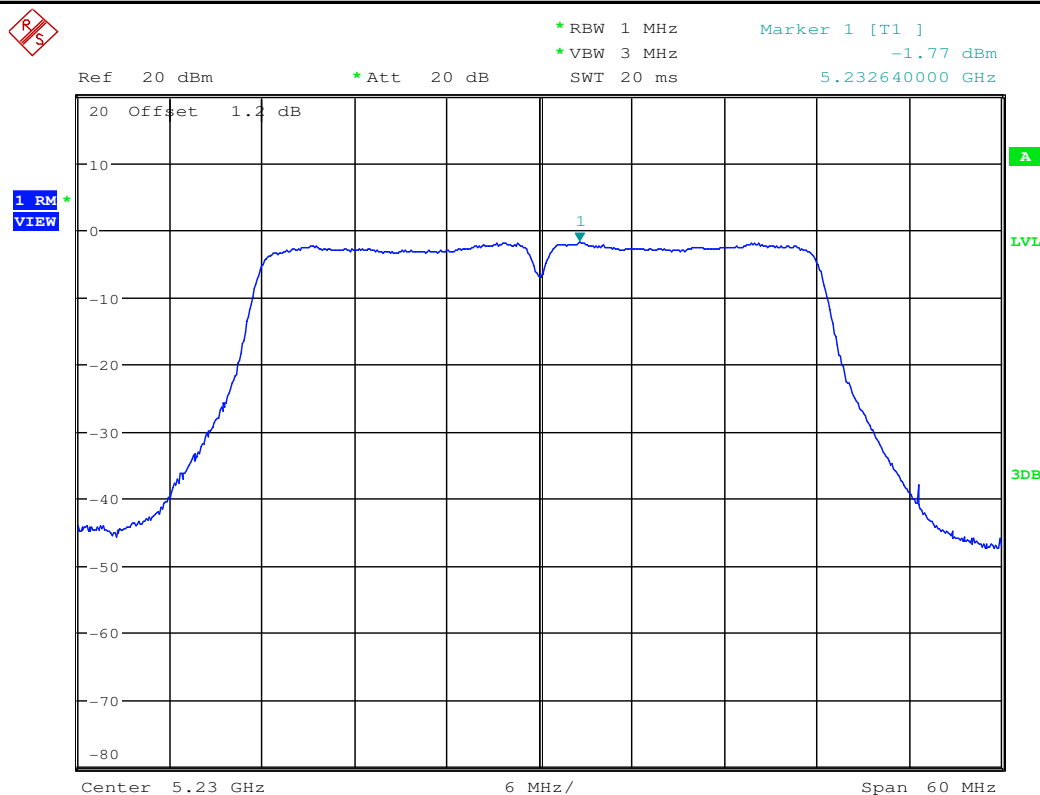




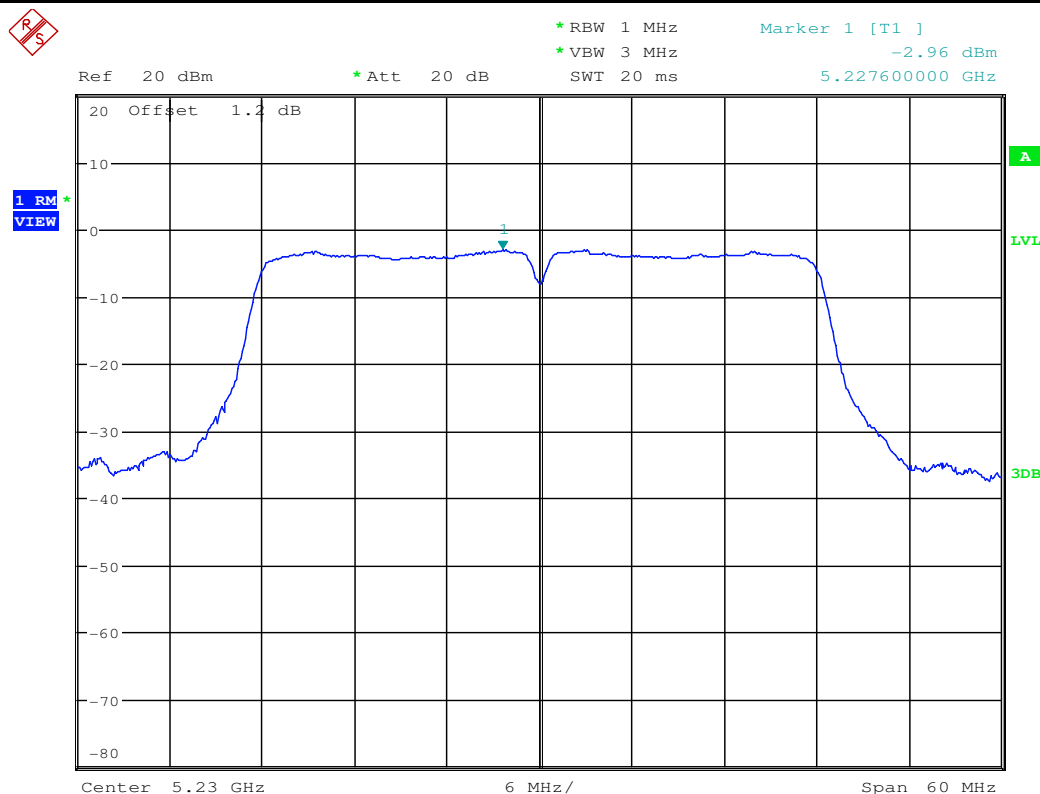


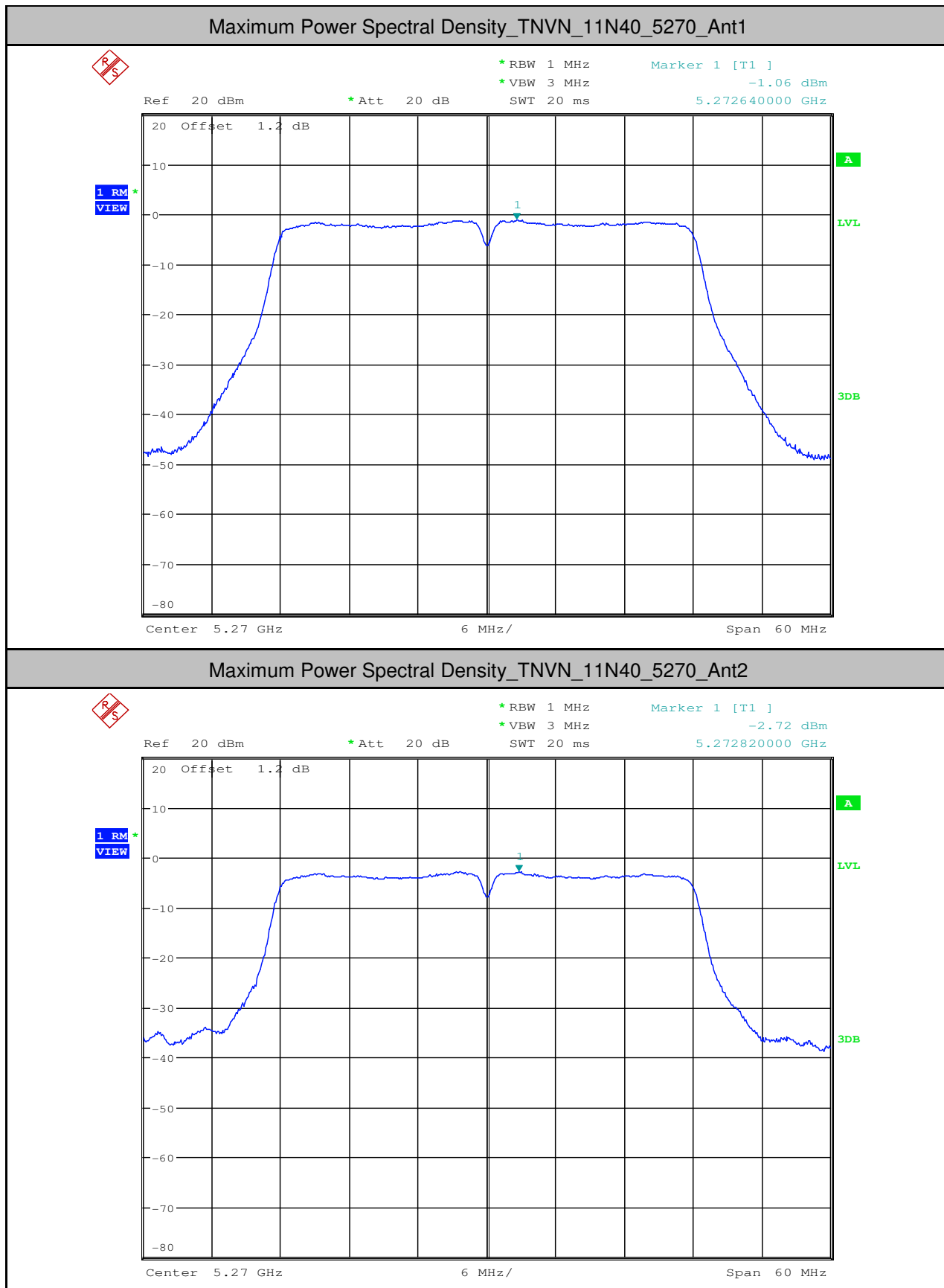


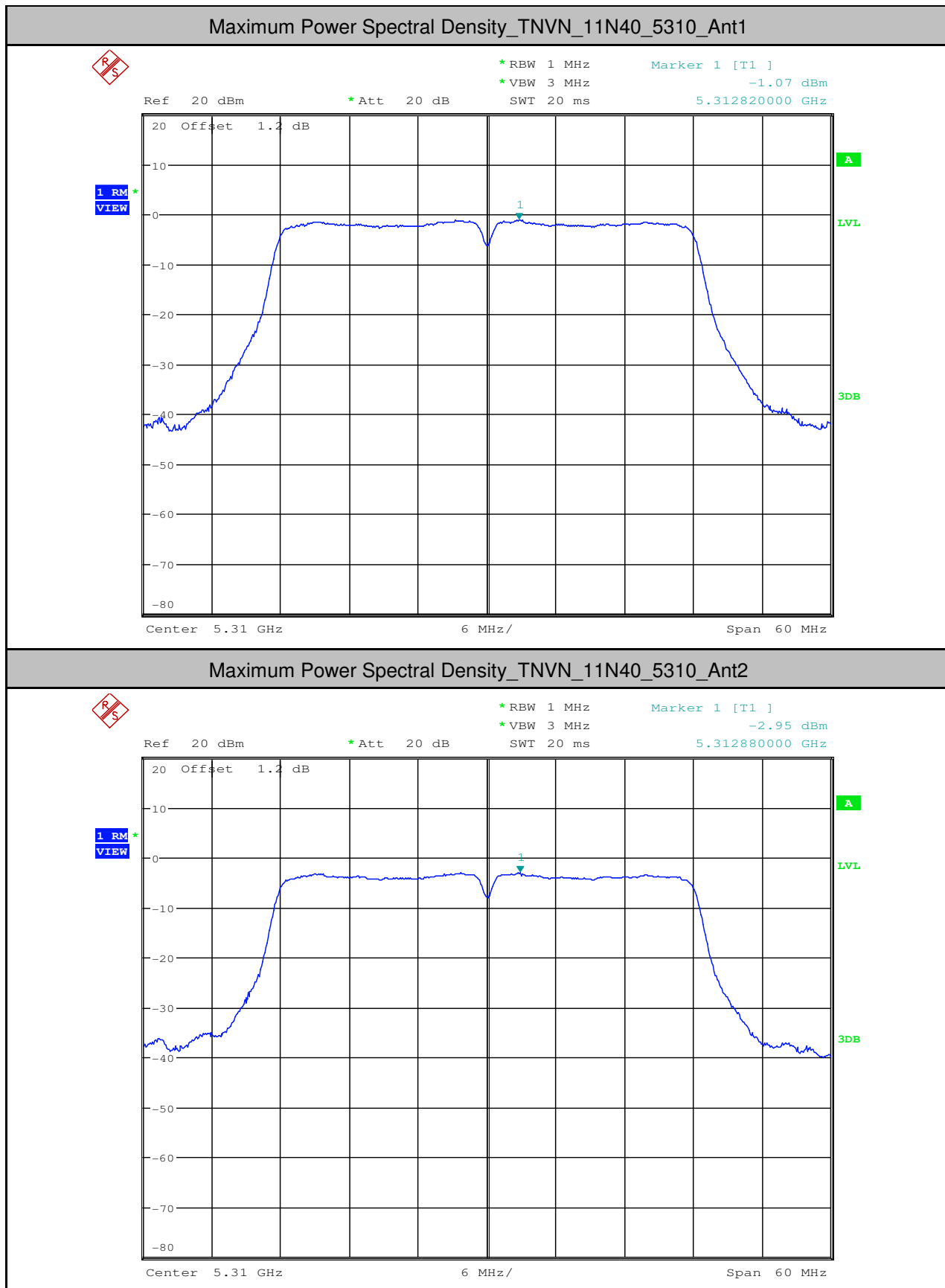
Maximum Power Spectral Density\_TNVN\_11N40\_5230\_Ant1



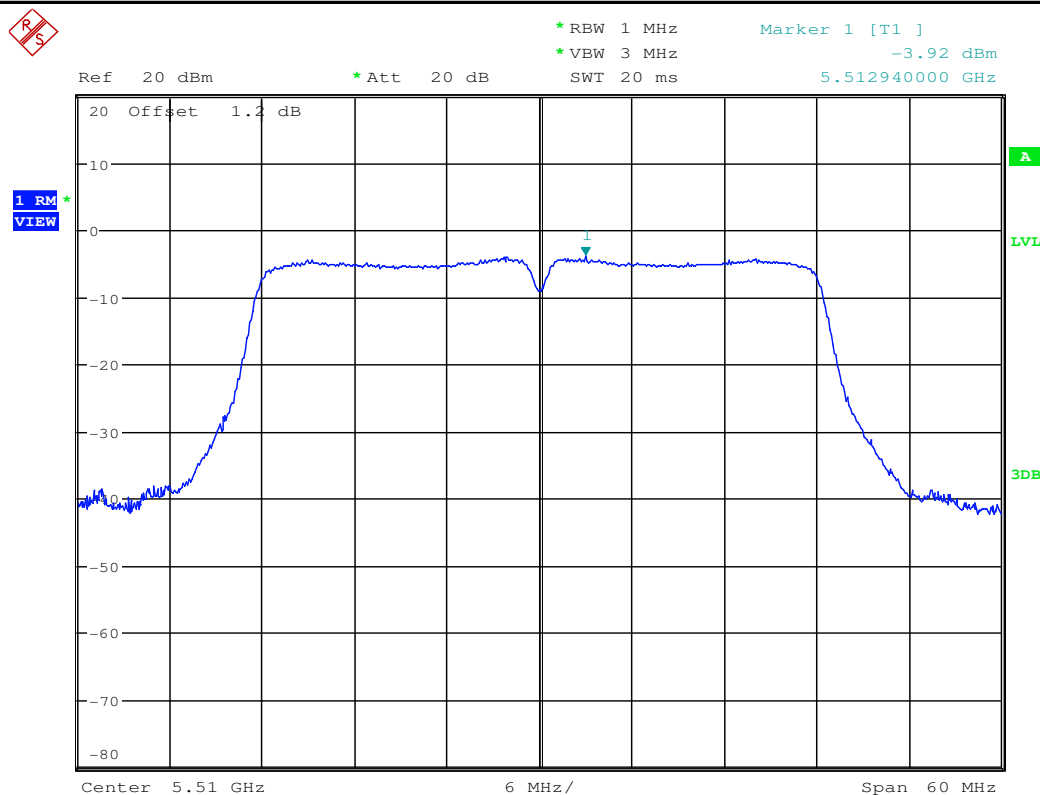
Maximum Power Spectral Density\_TNVN\_11N40\_5230\_Ant2



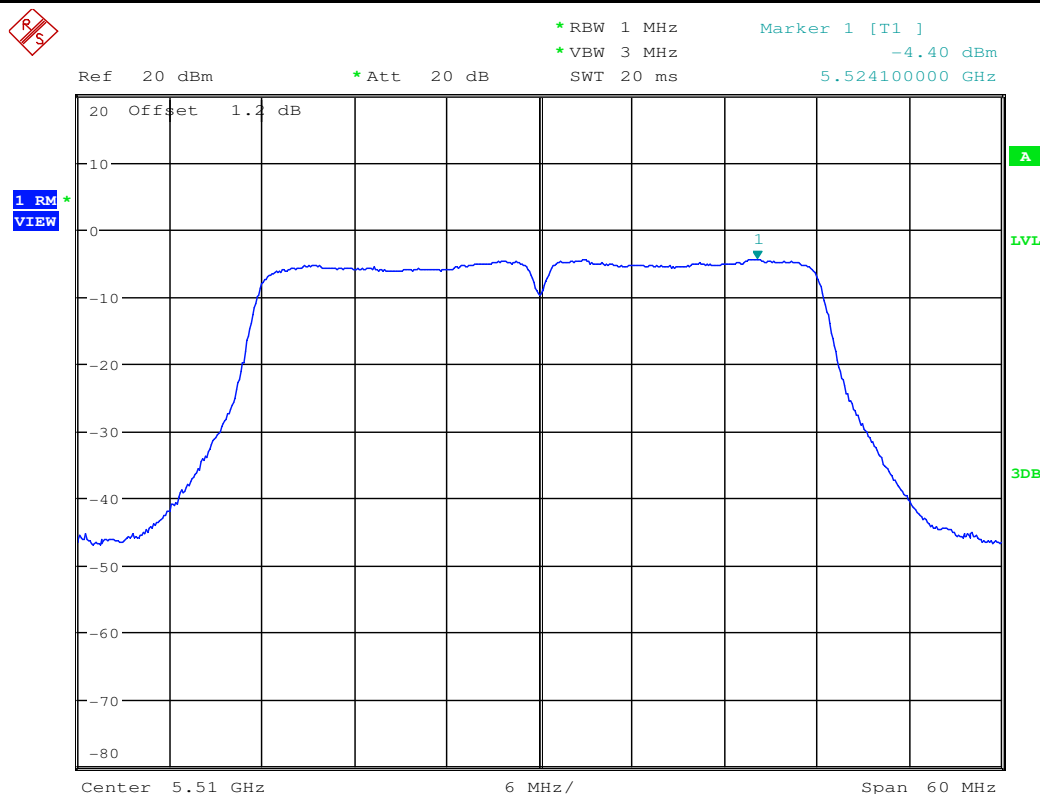




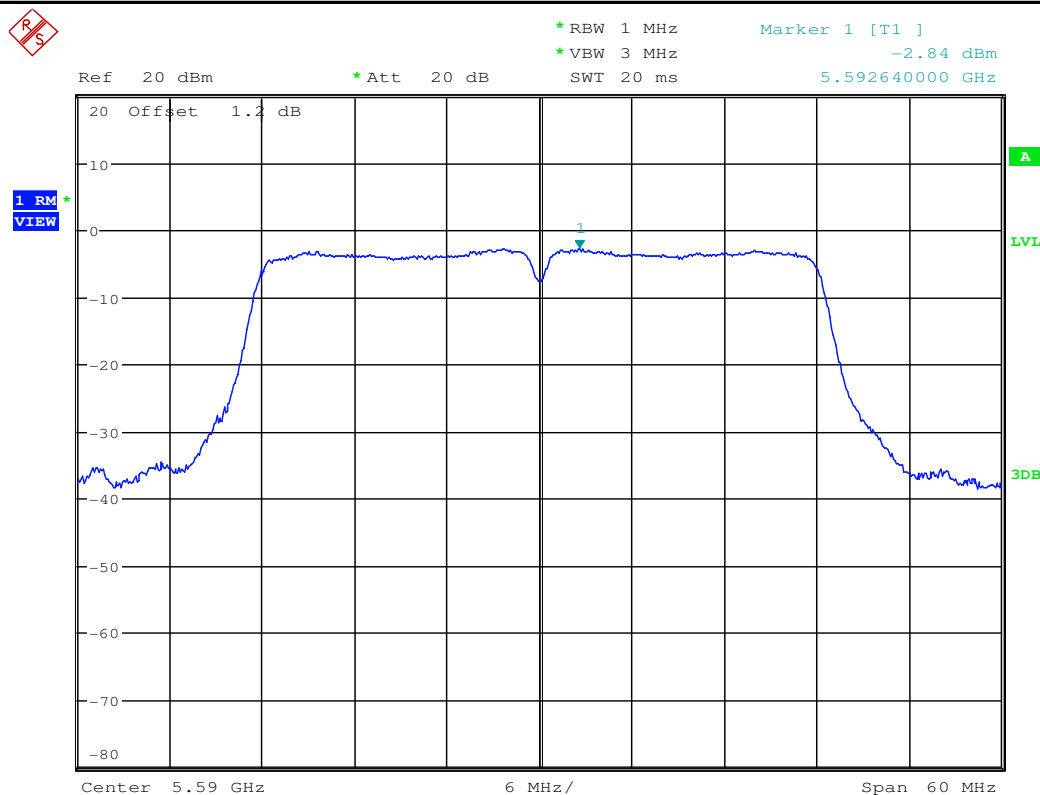
Maximum Power Spectral Density\_TNVN\_11N40\_5510\_Ant1



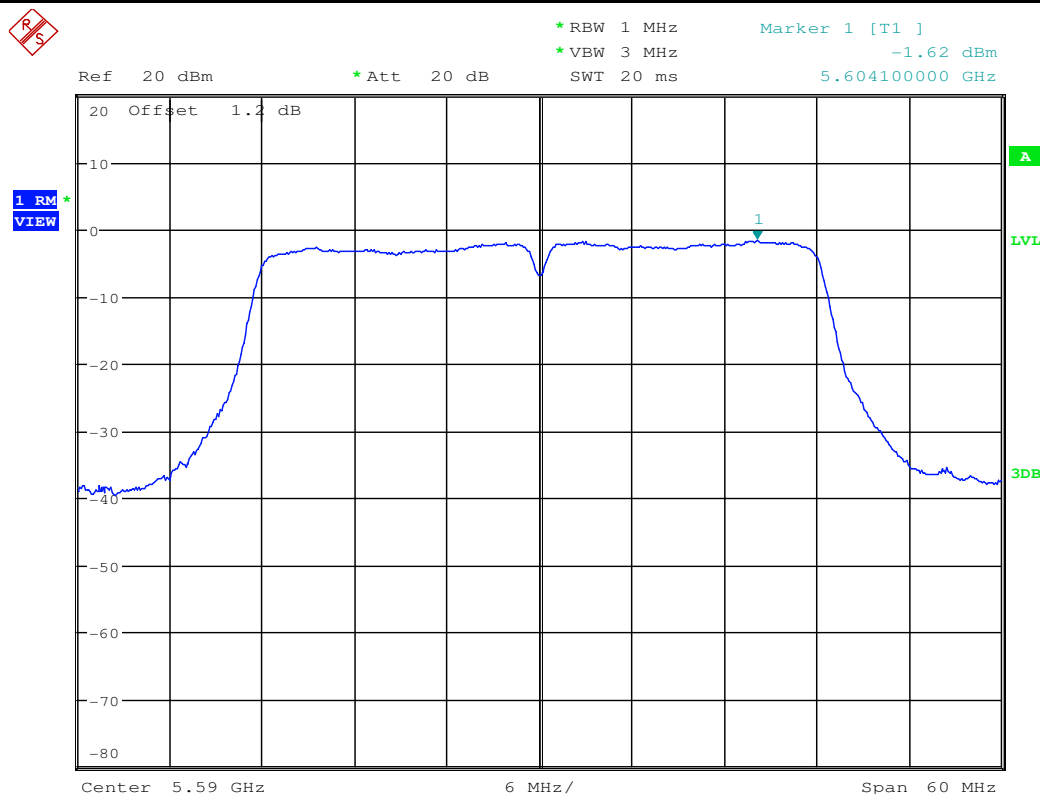
Maximum Power Spectral Density\_TNVN\_11N40\_5510\_Ant2

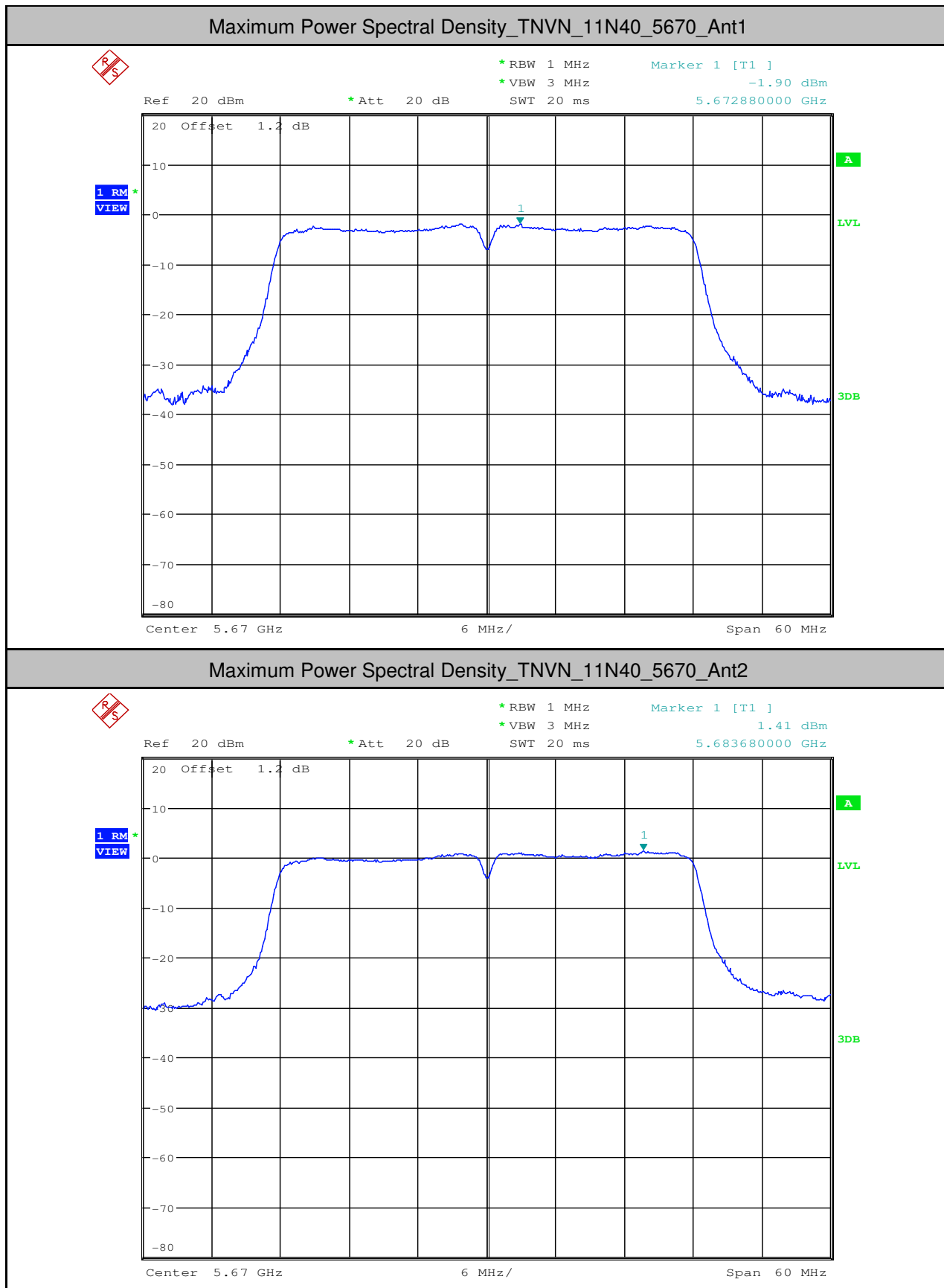


**Maximum Power Spectral Density\_TNVN\_11N40\_5590\_Ant1**

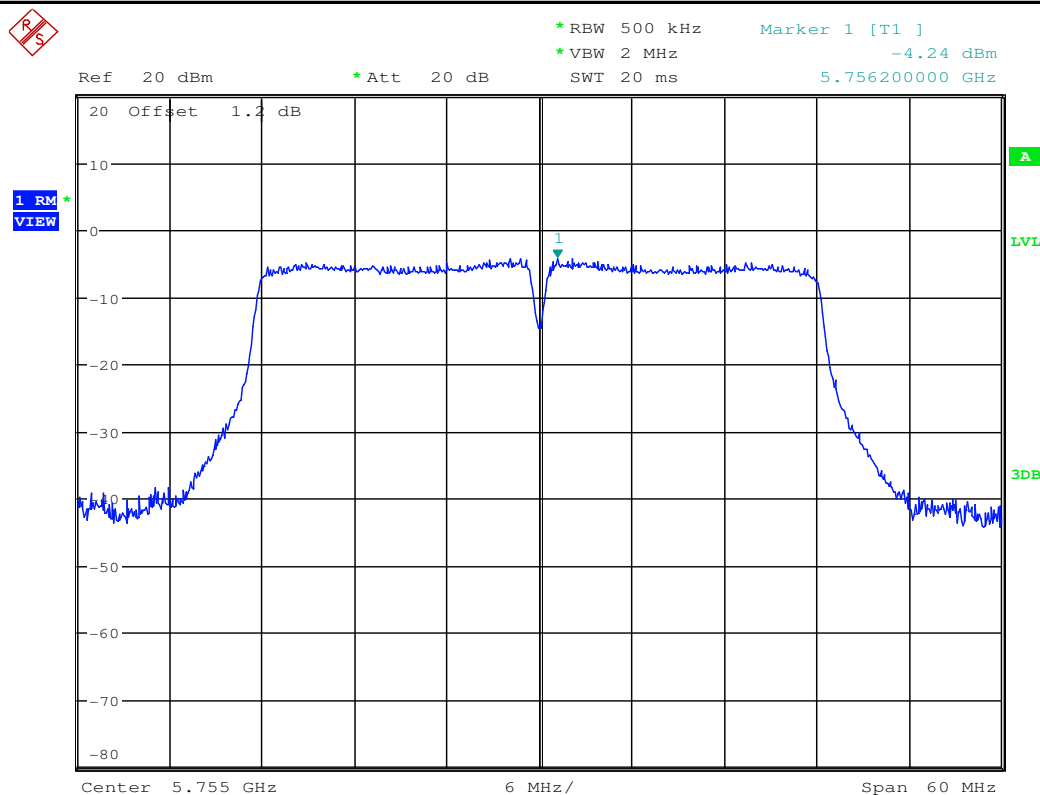


**Maximum Power Spectral Density\_TNVN\_11N40\_5590\_Ant2**

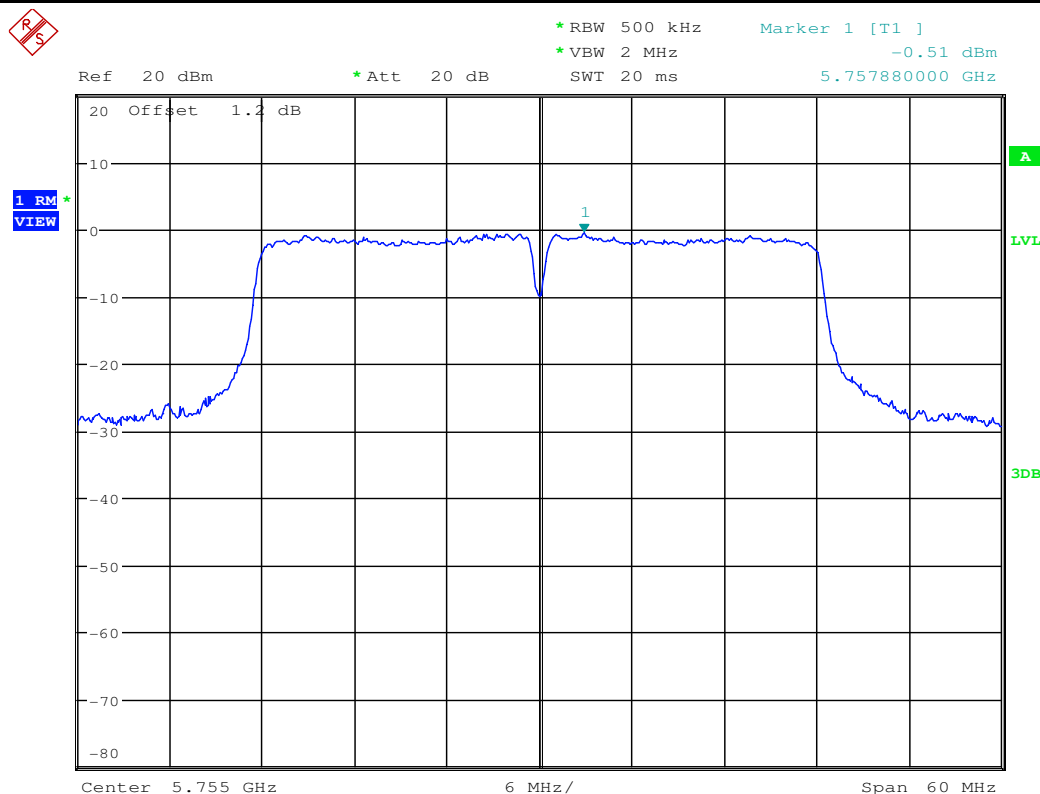




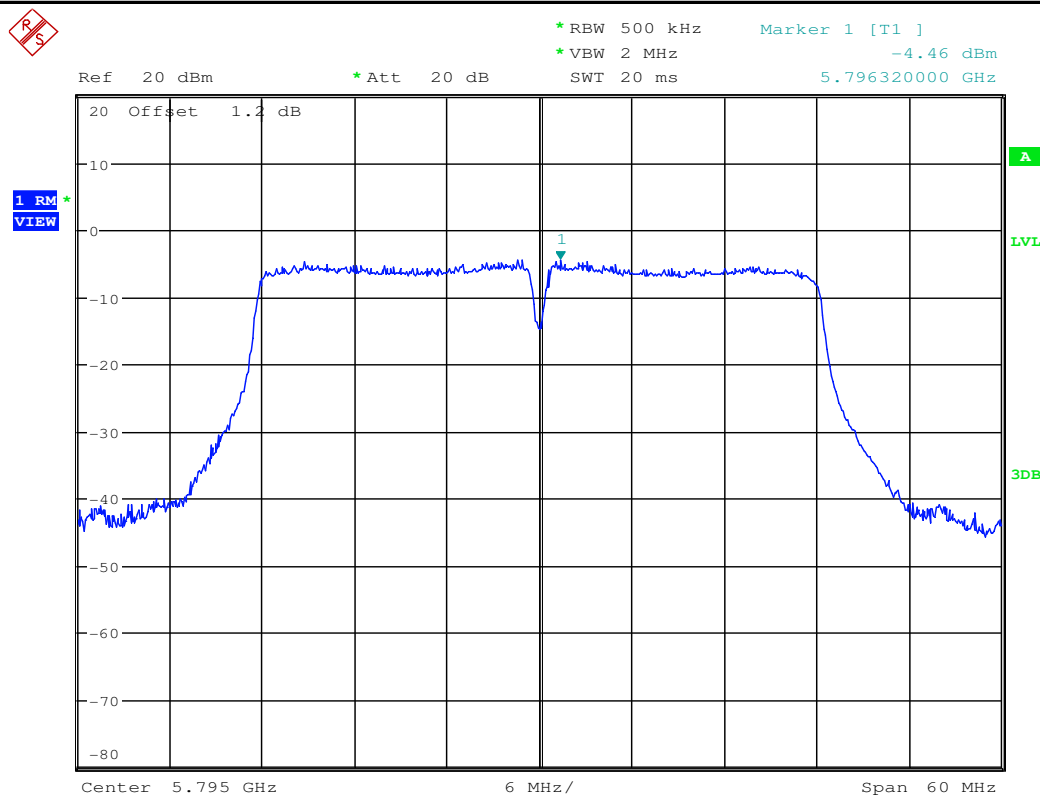
**Maximum Power Spectral Density\_TNVN\_11N40\_5755\_Ant1**



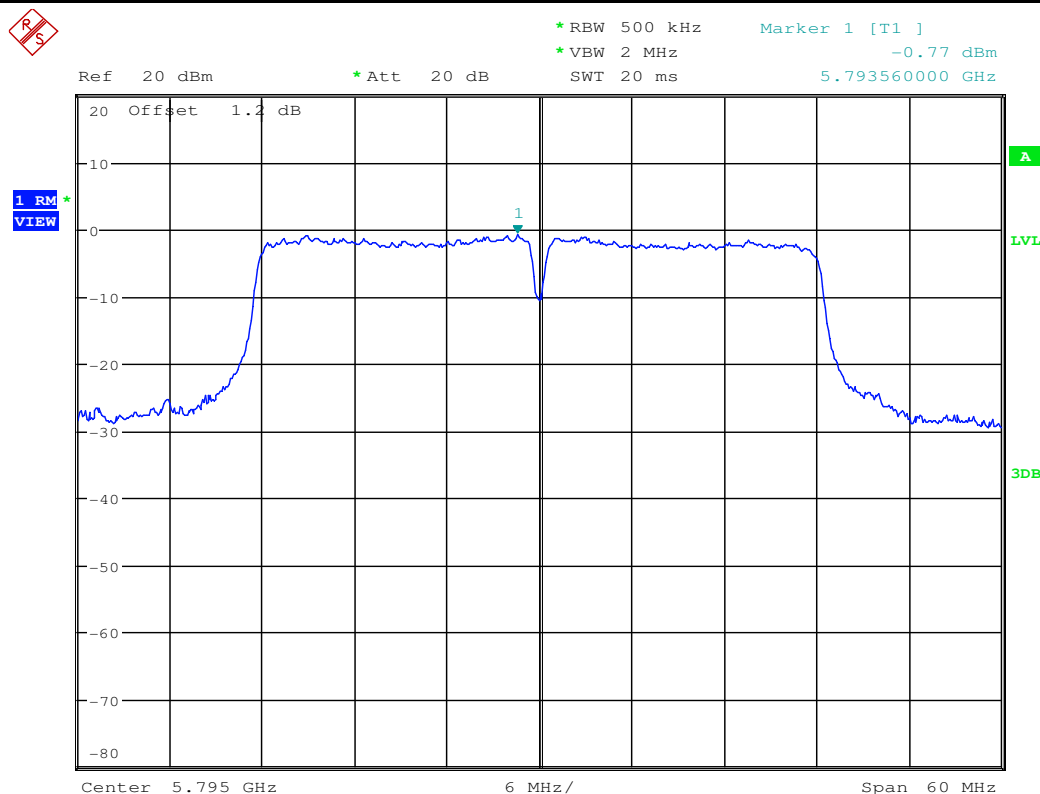
**Maximum Power Spectral Density\_TNVN\_11N40\_5755\_Ant2**

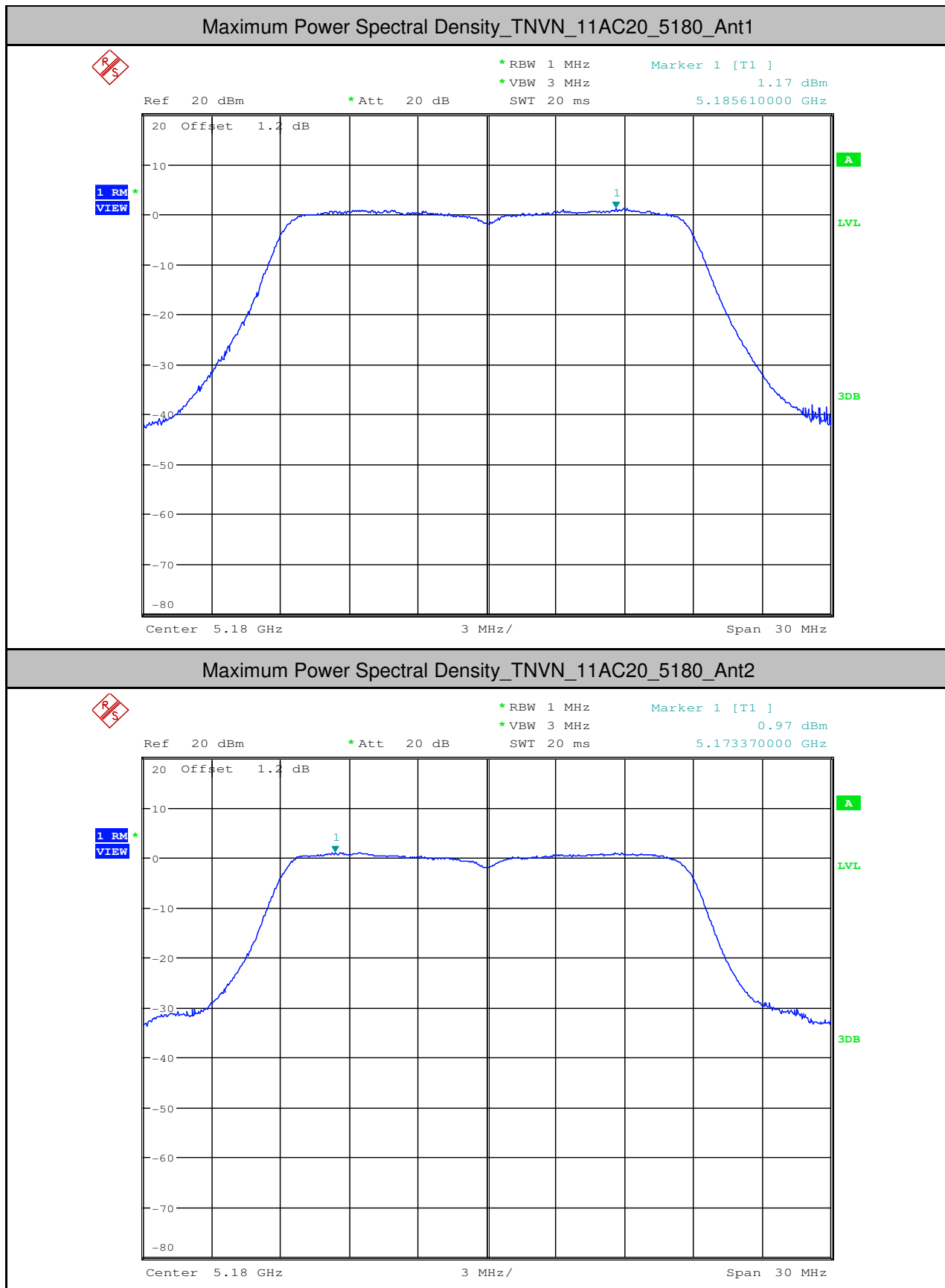


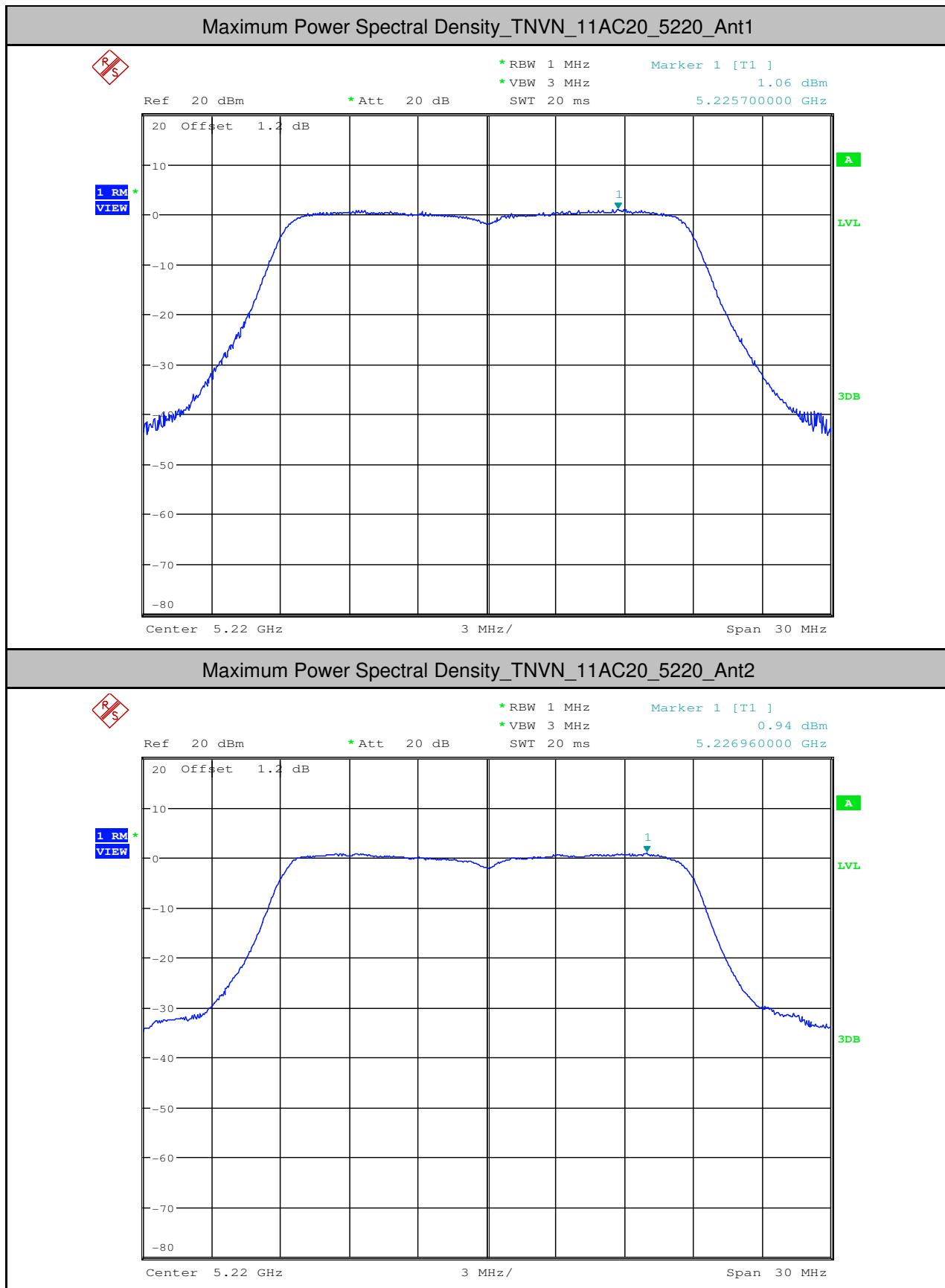
**Maximum Power Spectral Density\_TNVN\_11N40\_5795\_Ant1**

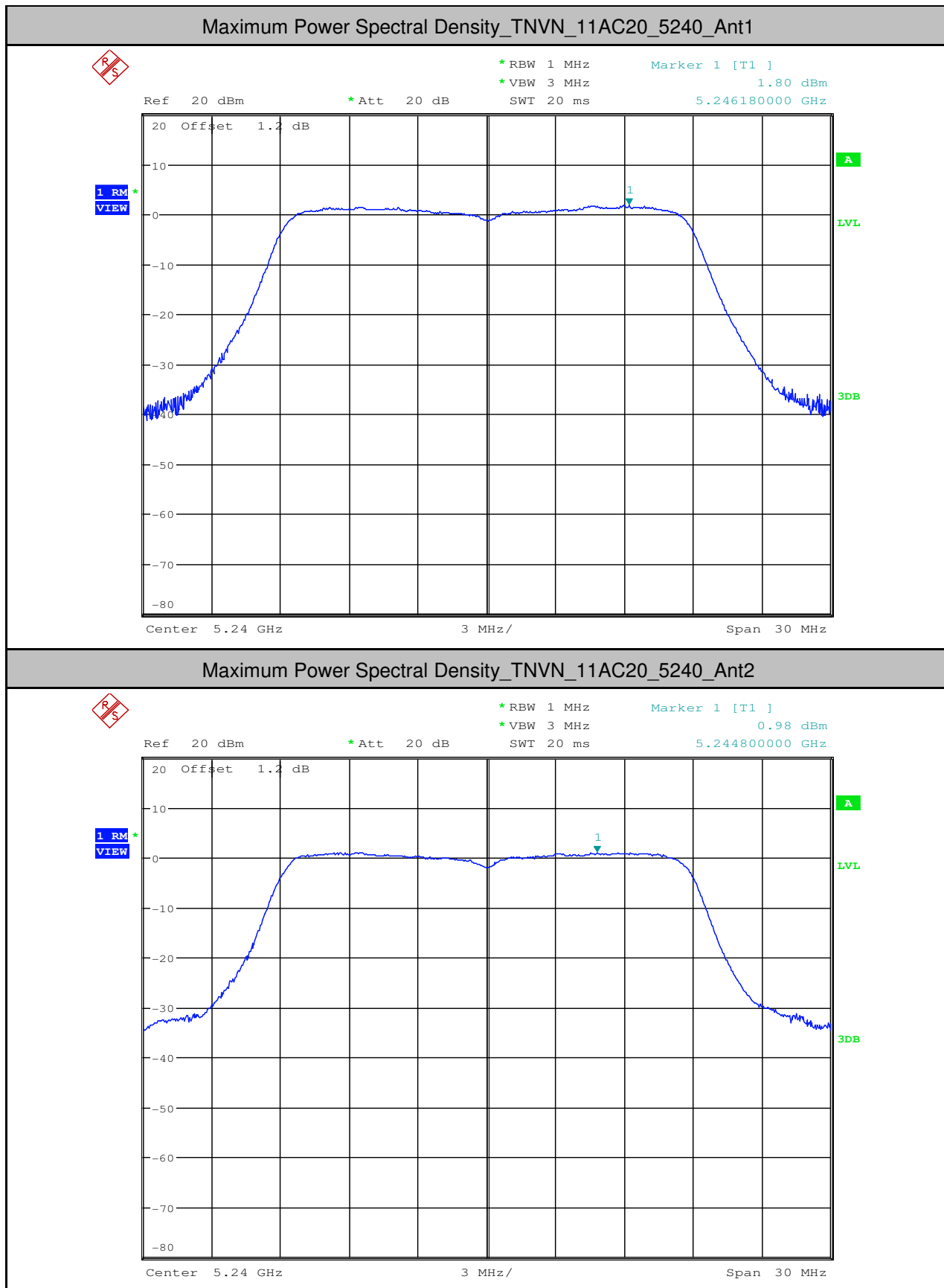


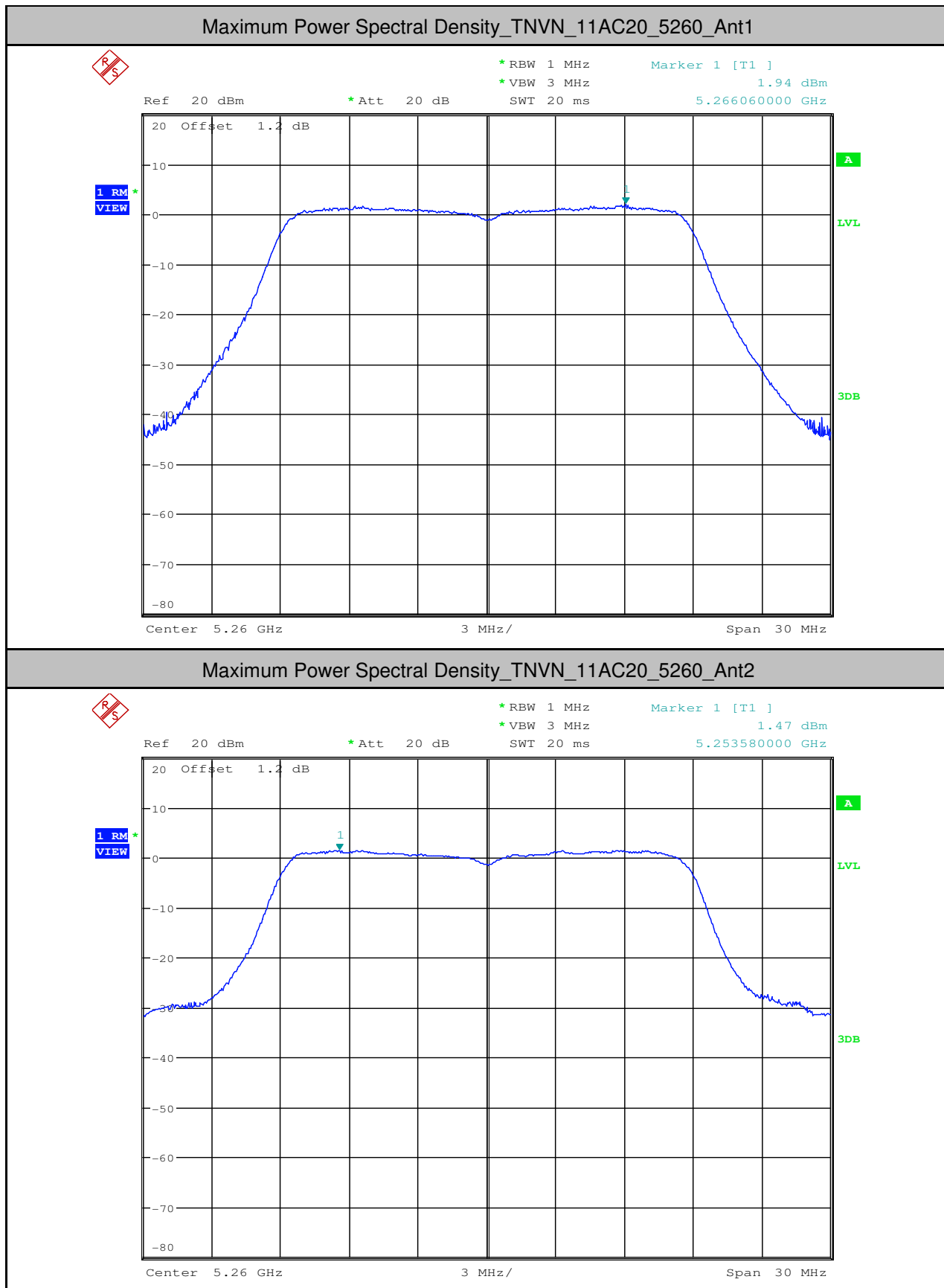
**Maximum Power Spectral Density\_TNVN\_11N40\_5795\_Ant2**



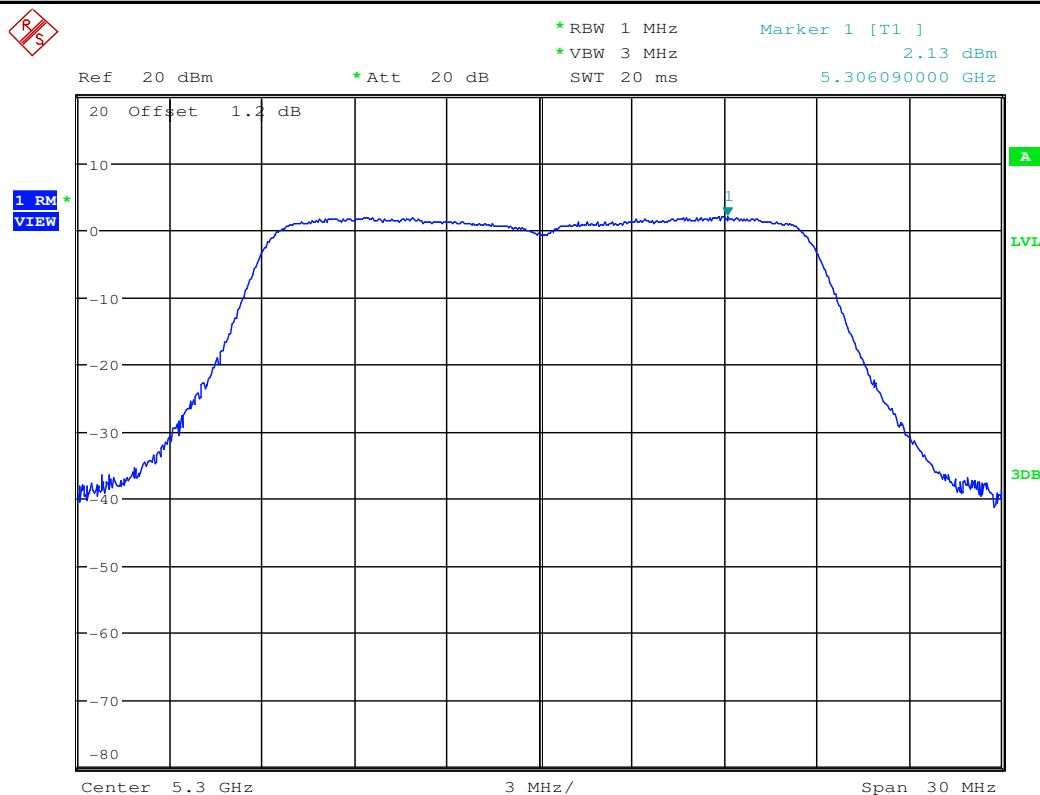




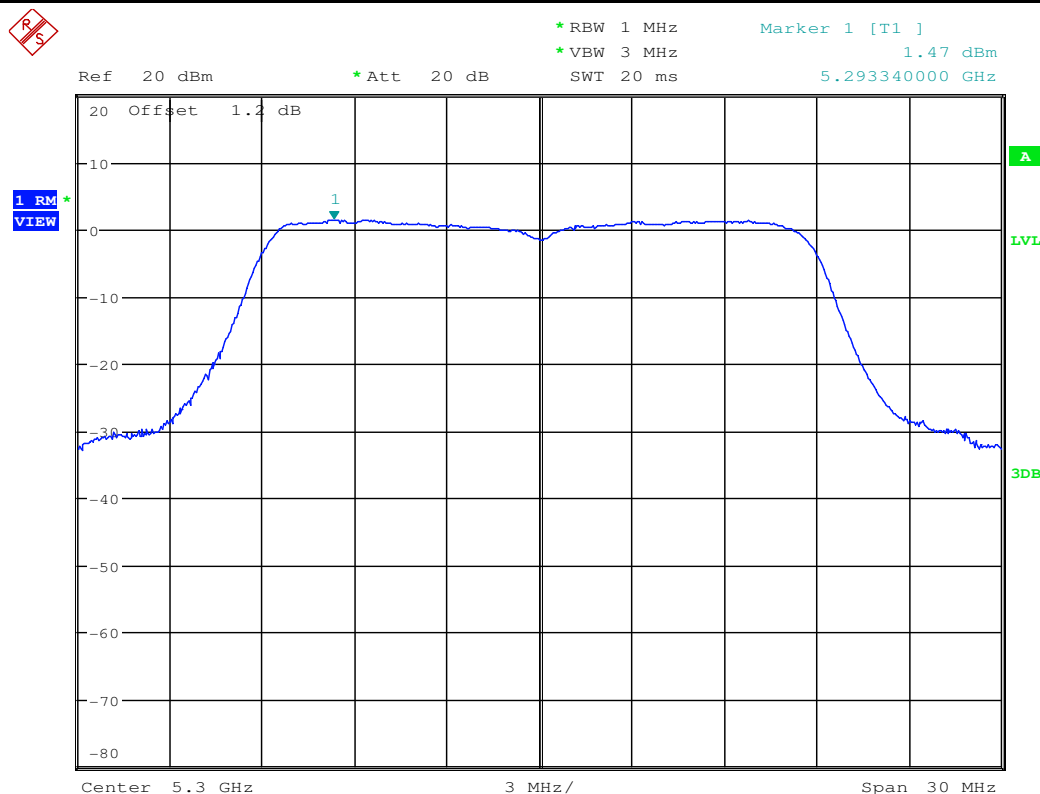


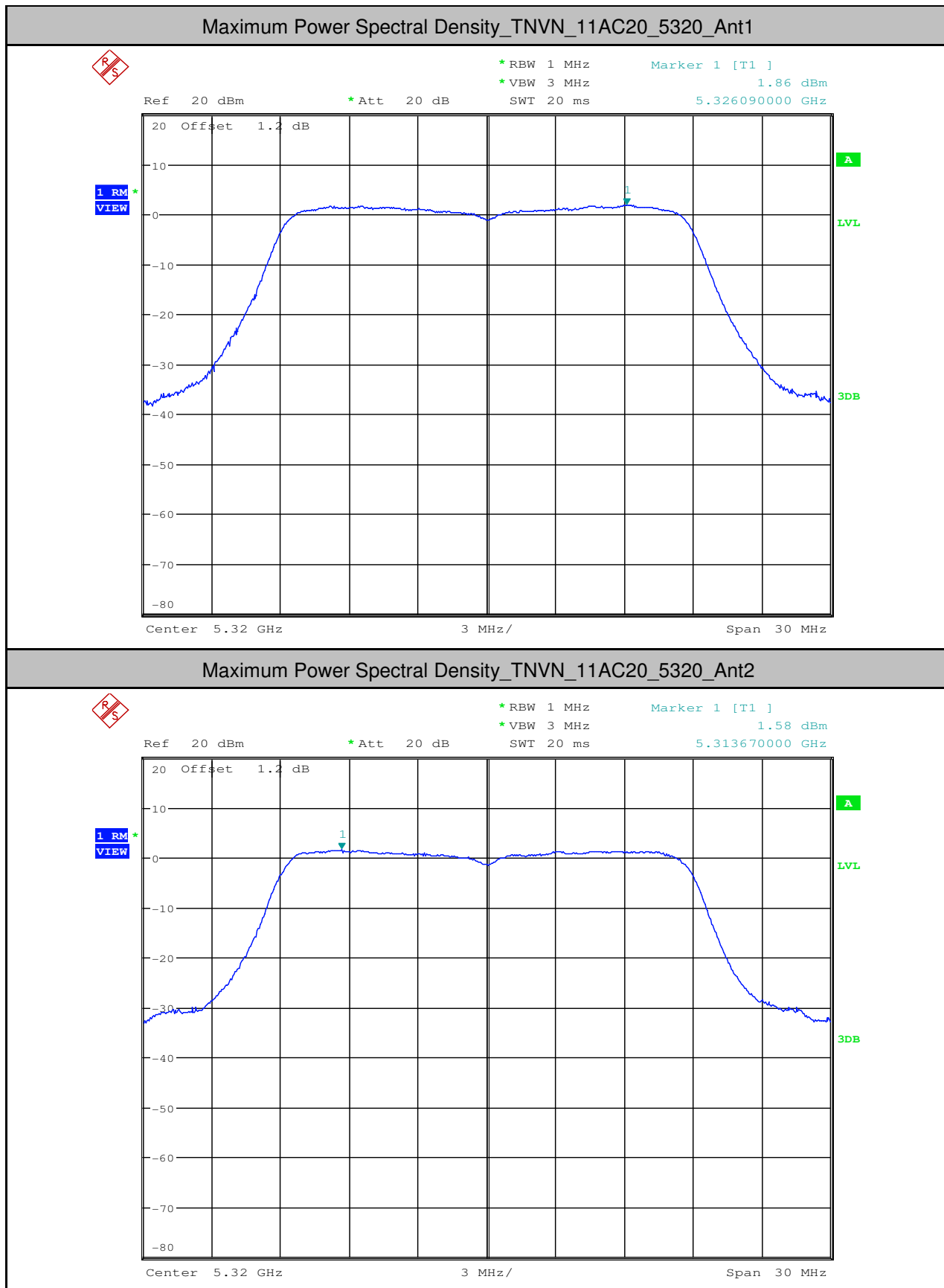


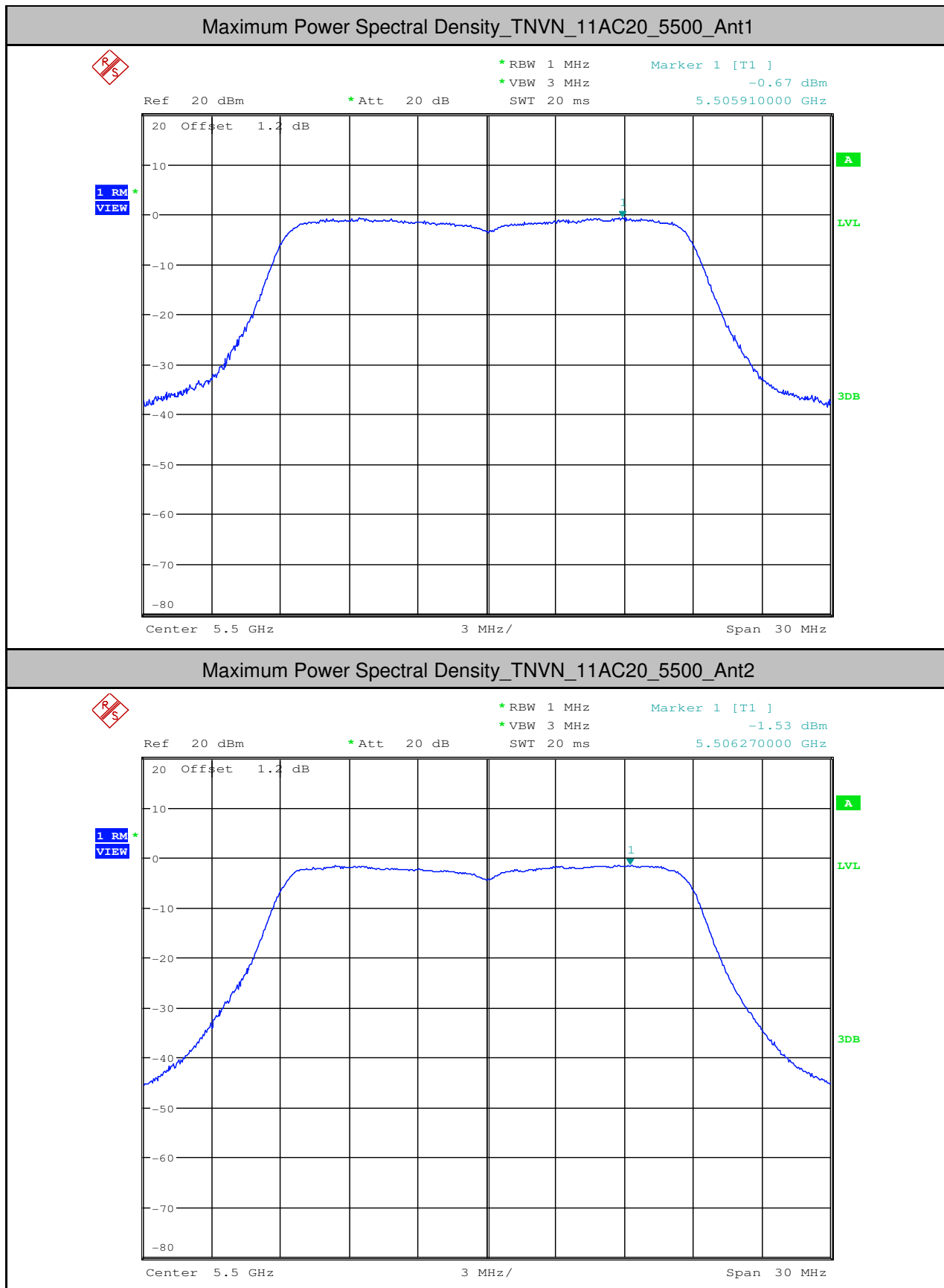
**Maximum Power Spectral Density\_TNVN\_11AC20\_5300\_Ant1**

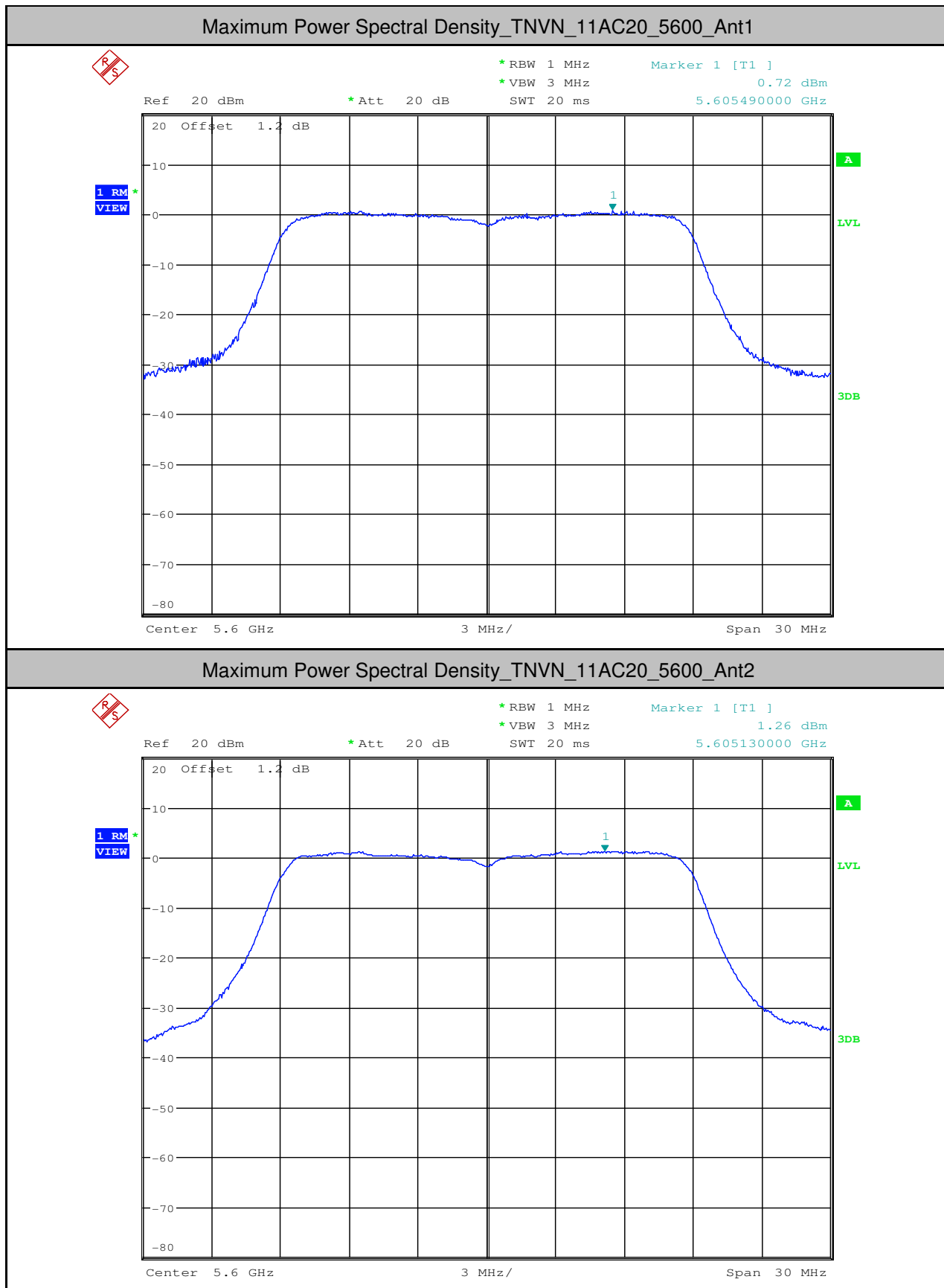


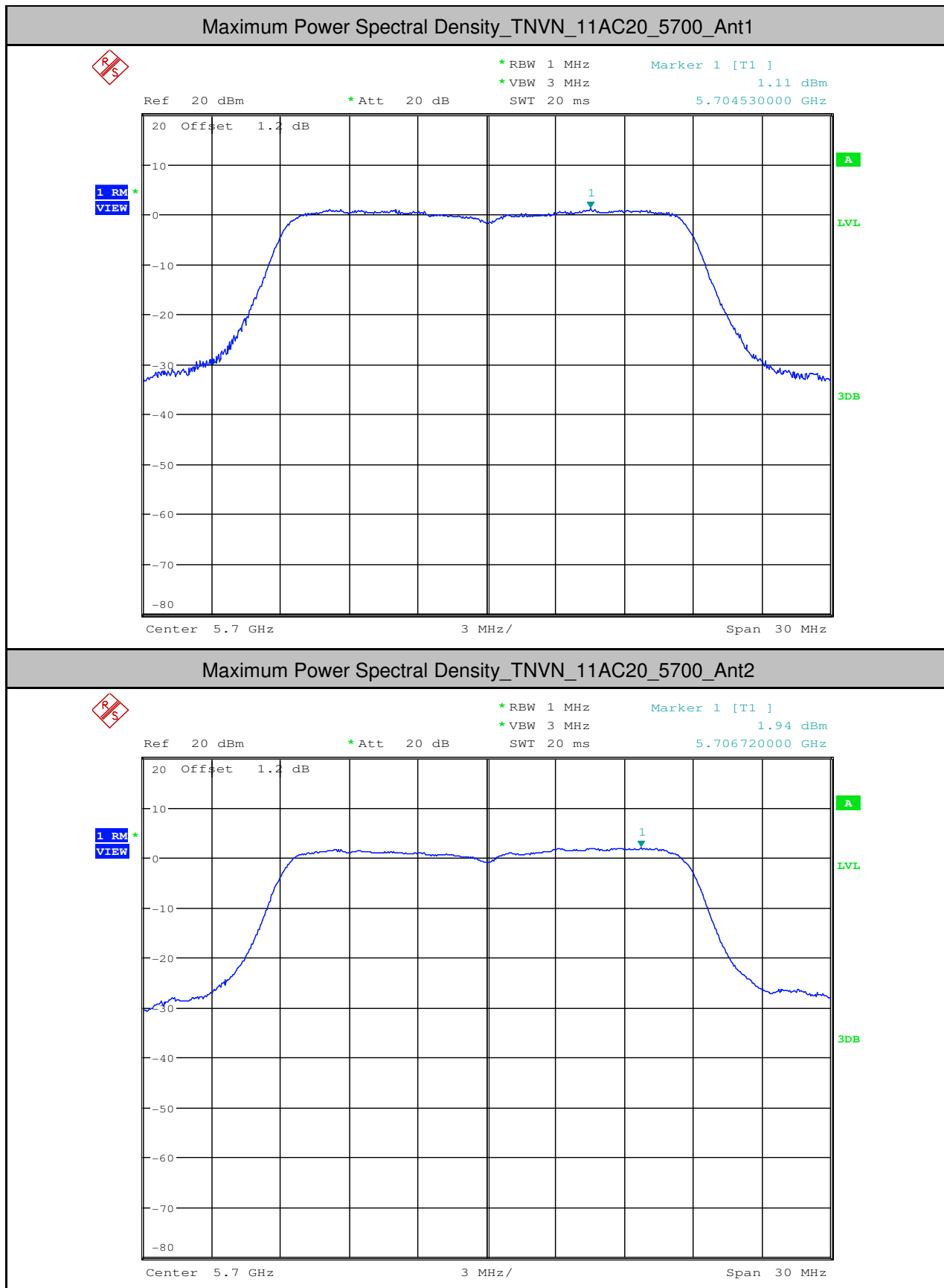
**Maximum Power Spectral Density\_TNVN\_11AC20\_5300\_Ant2**

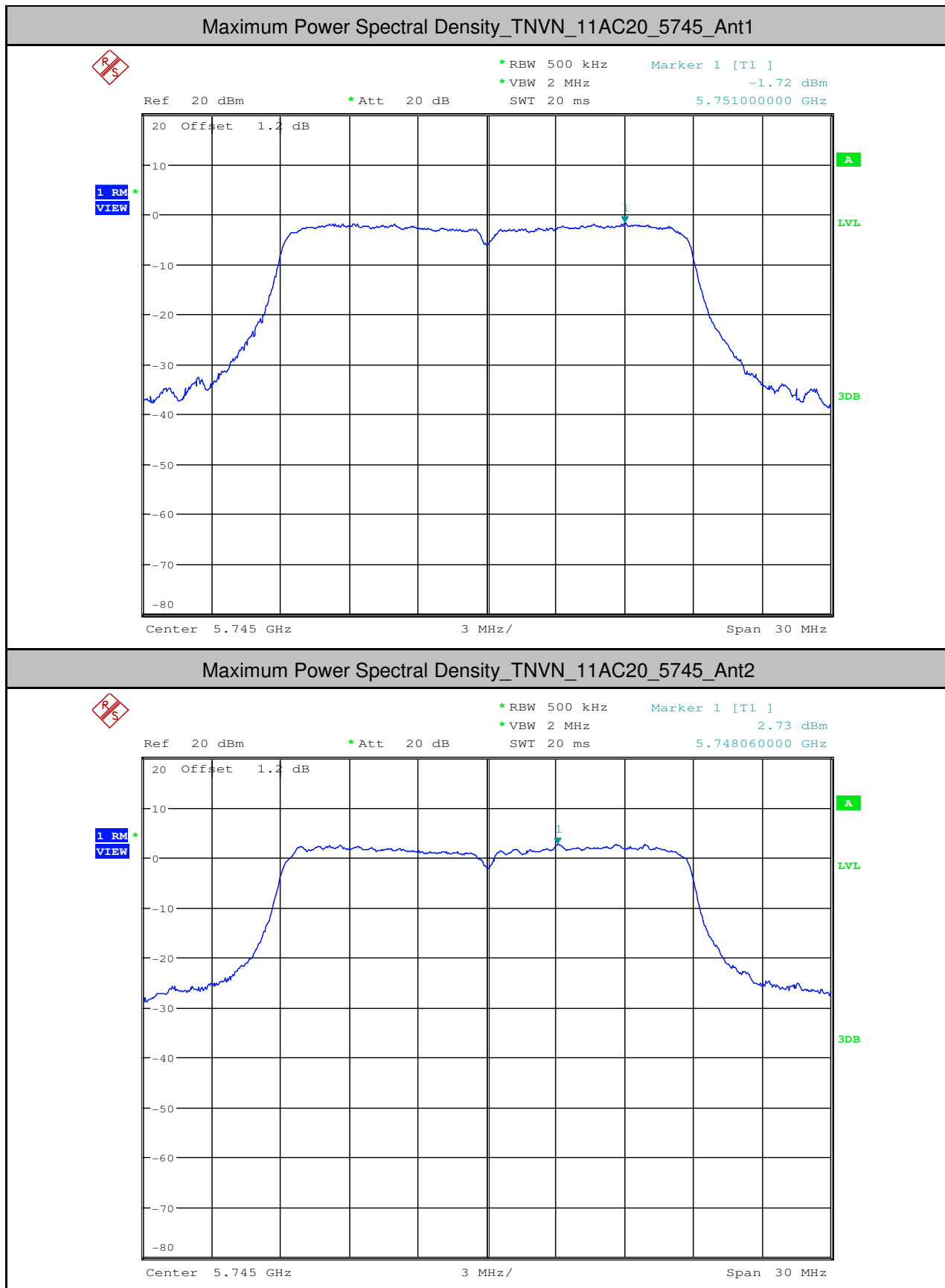


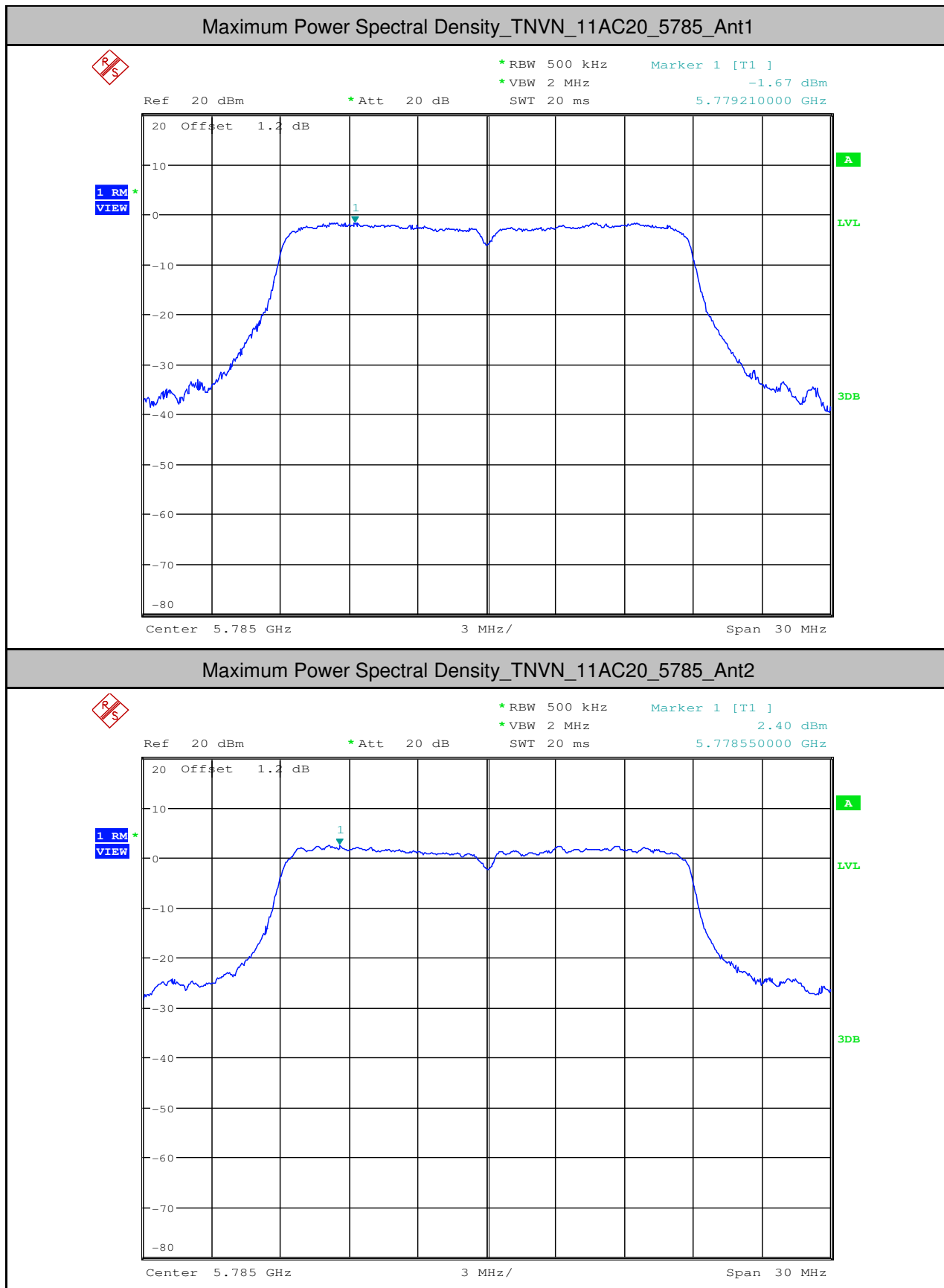


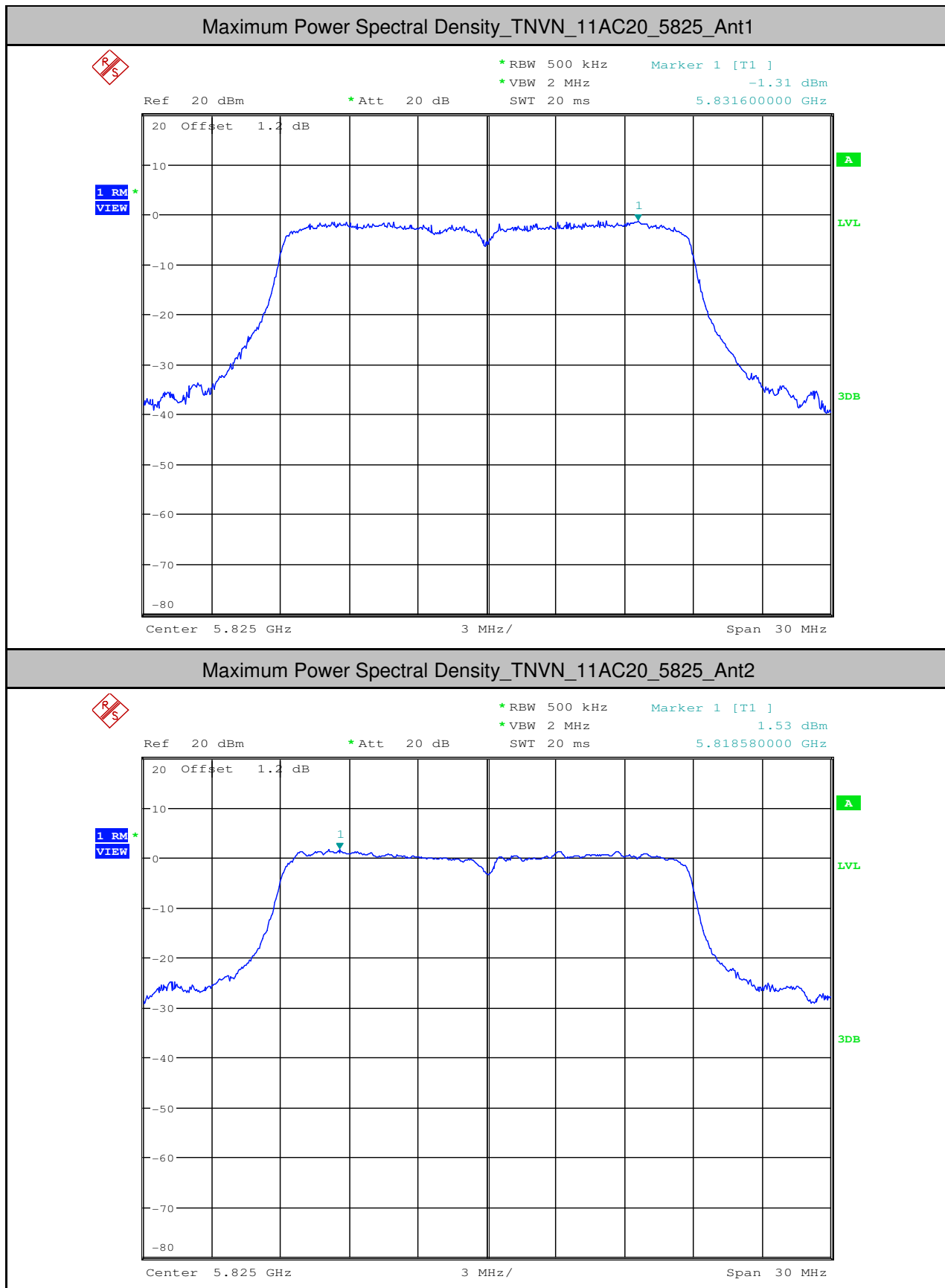


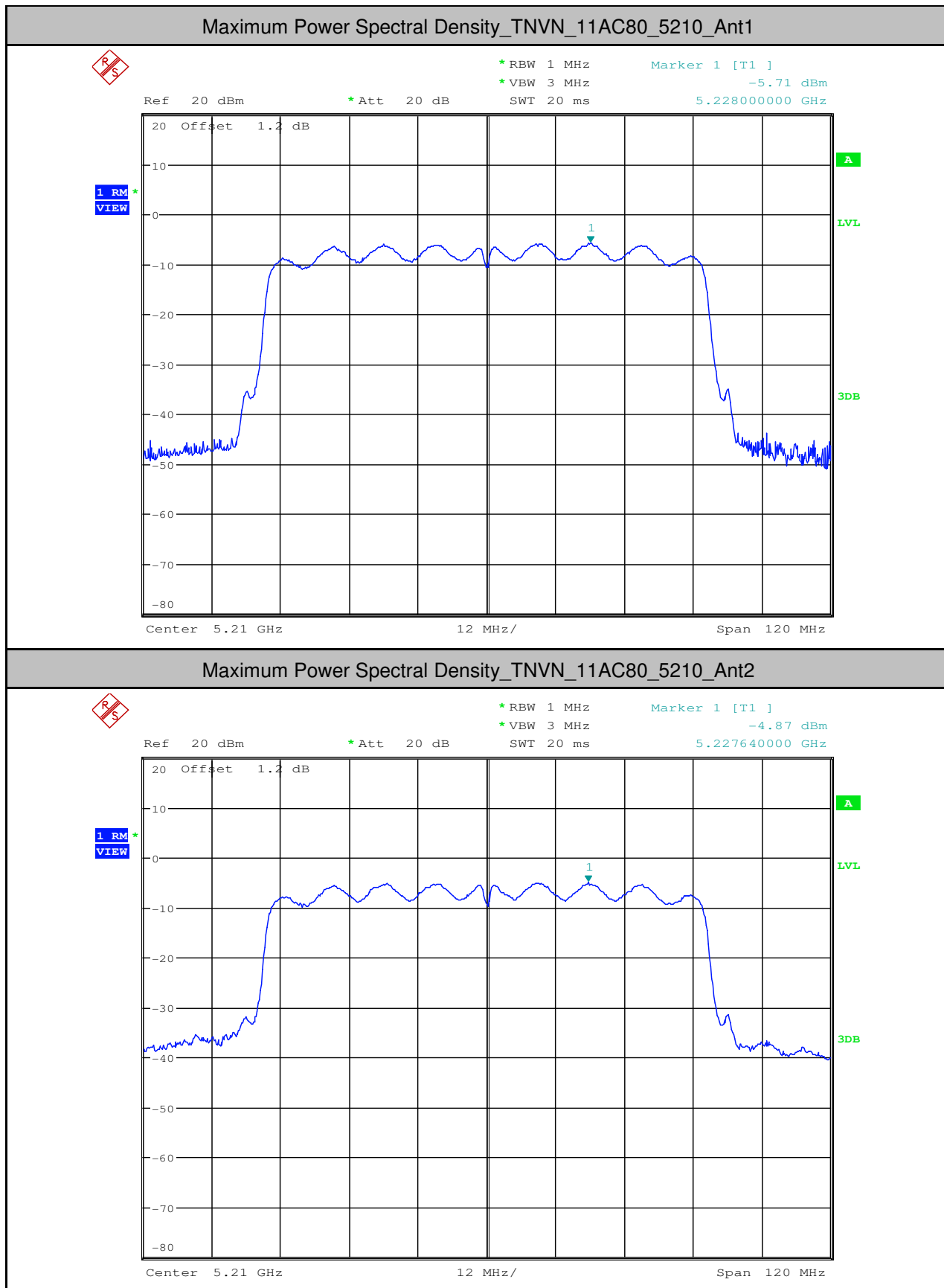


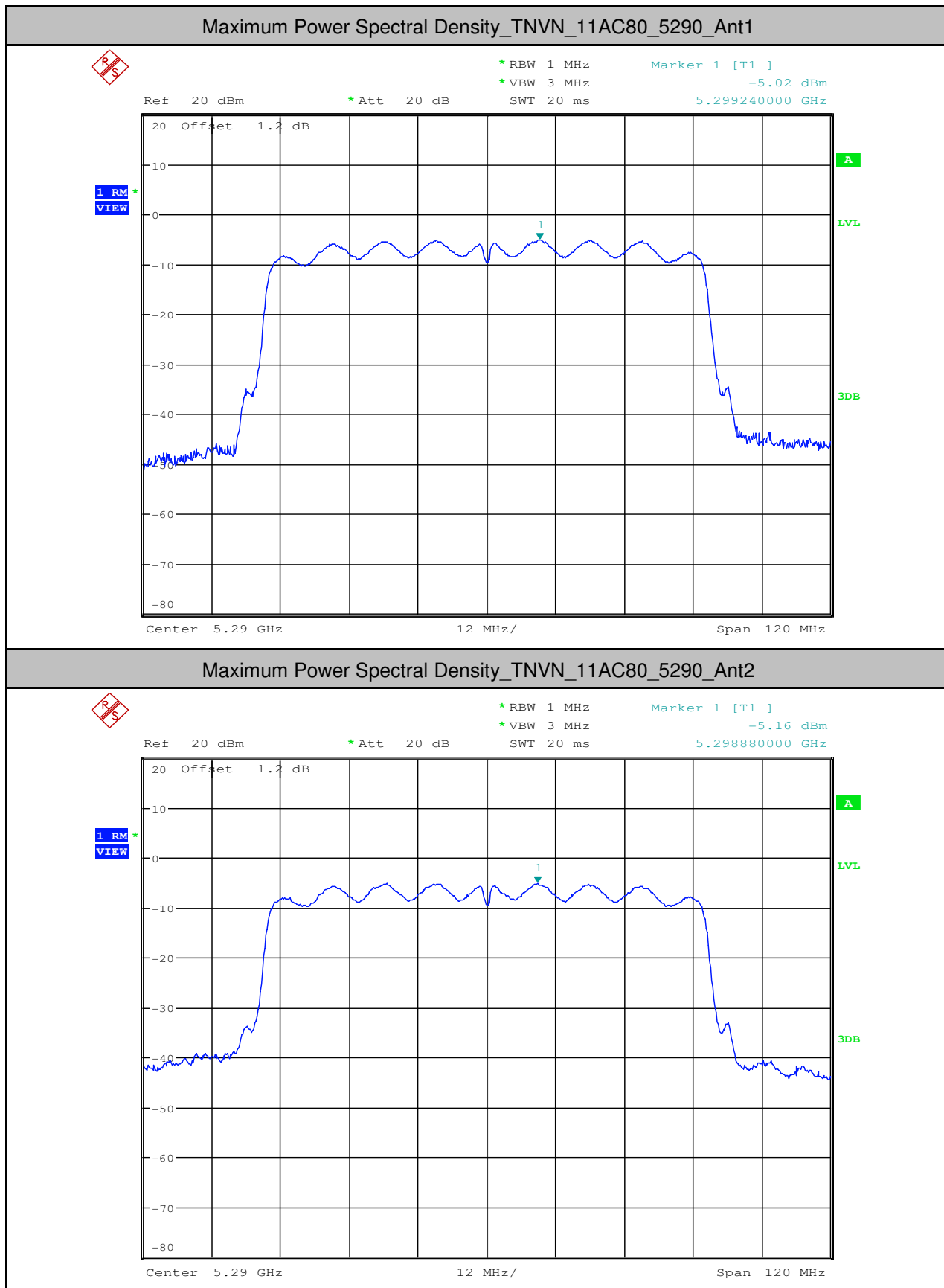


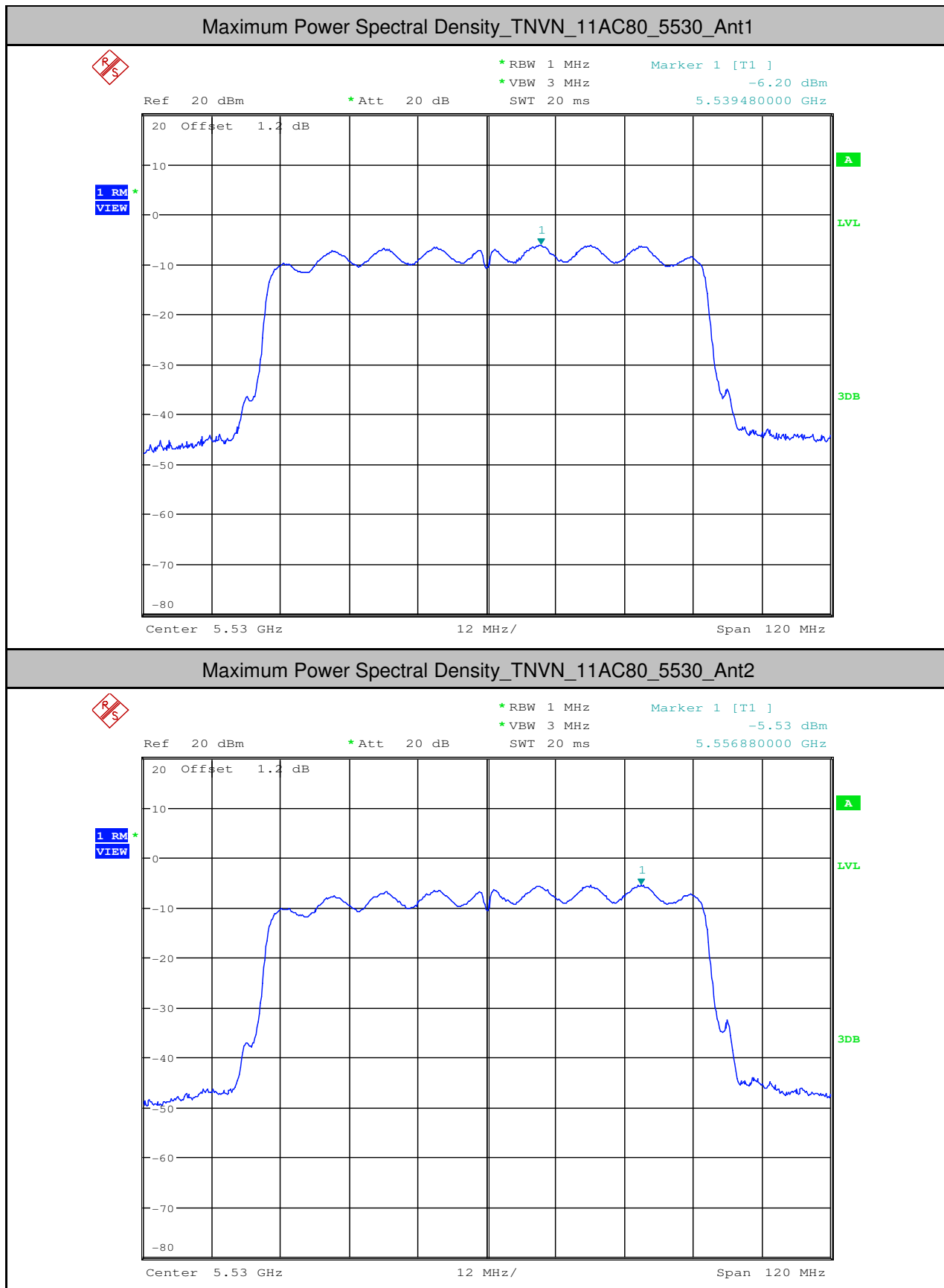


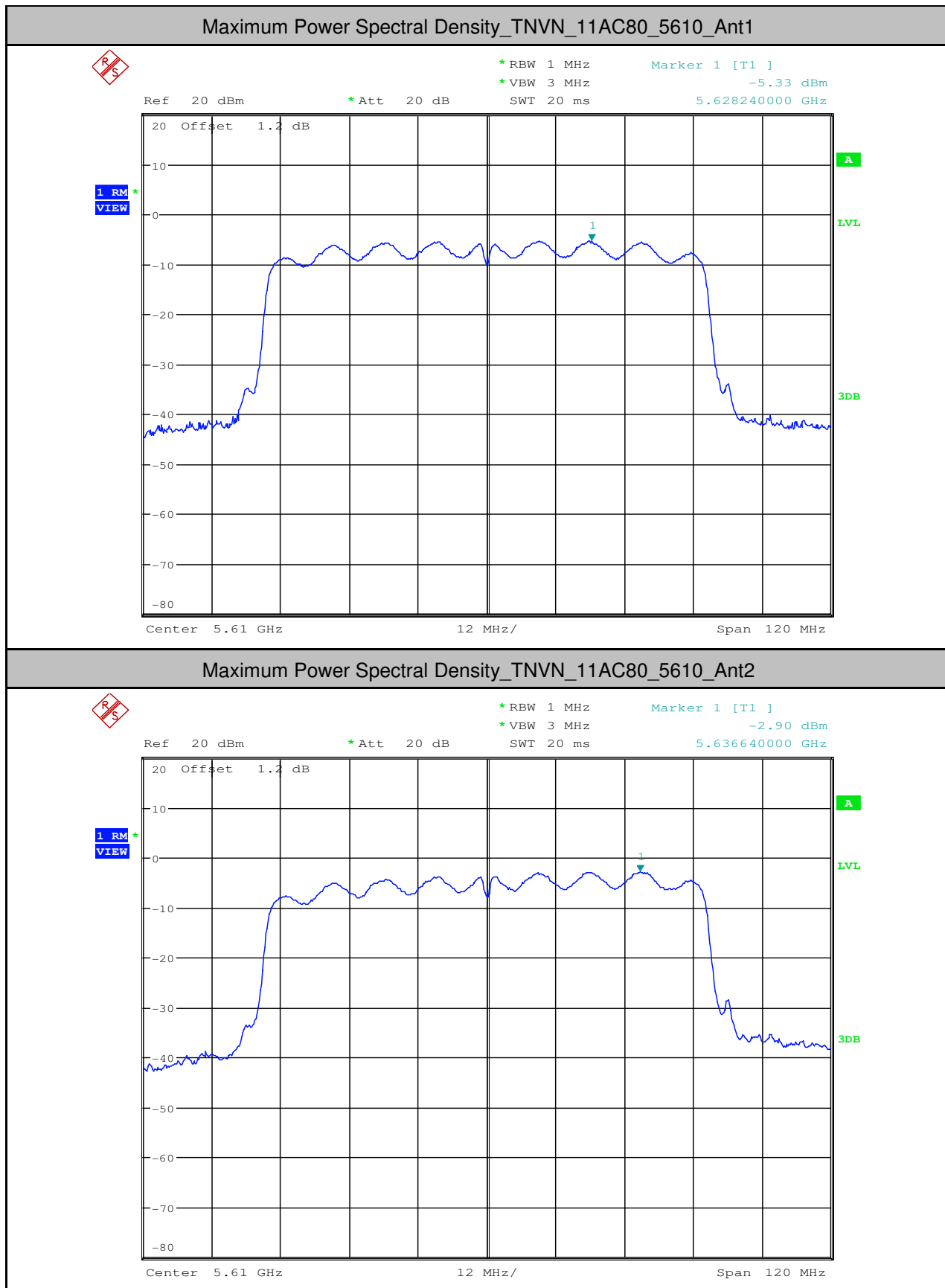


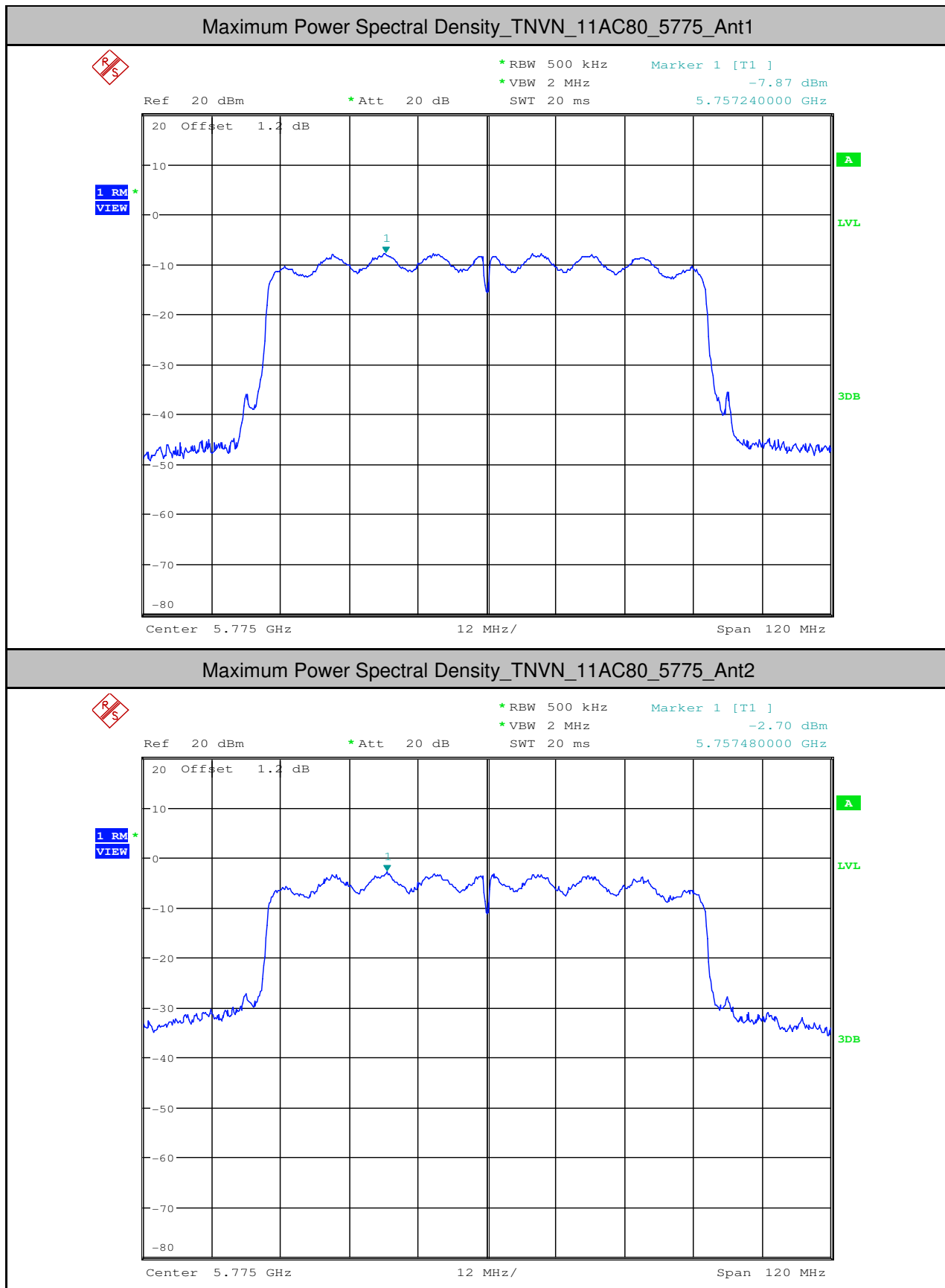


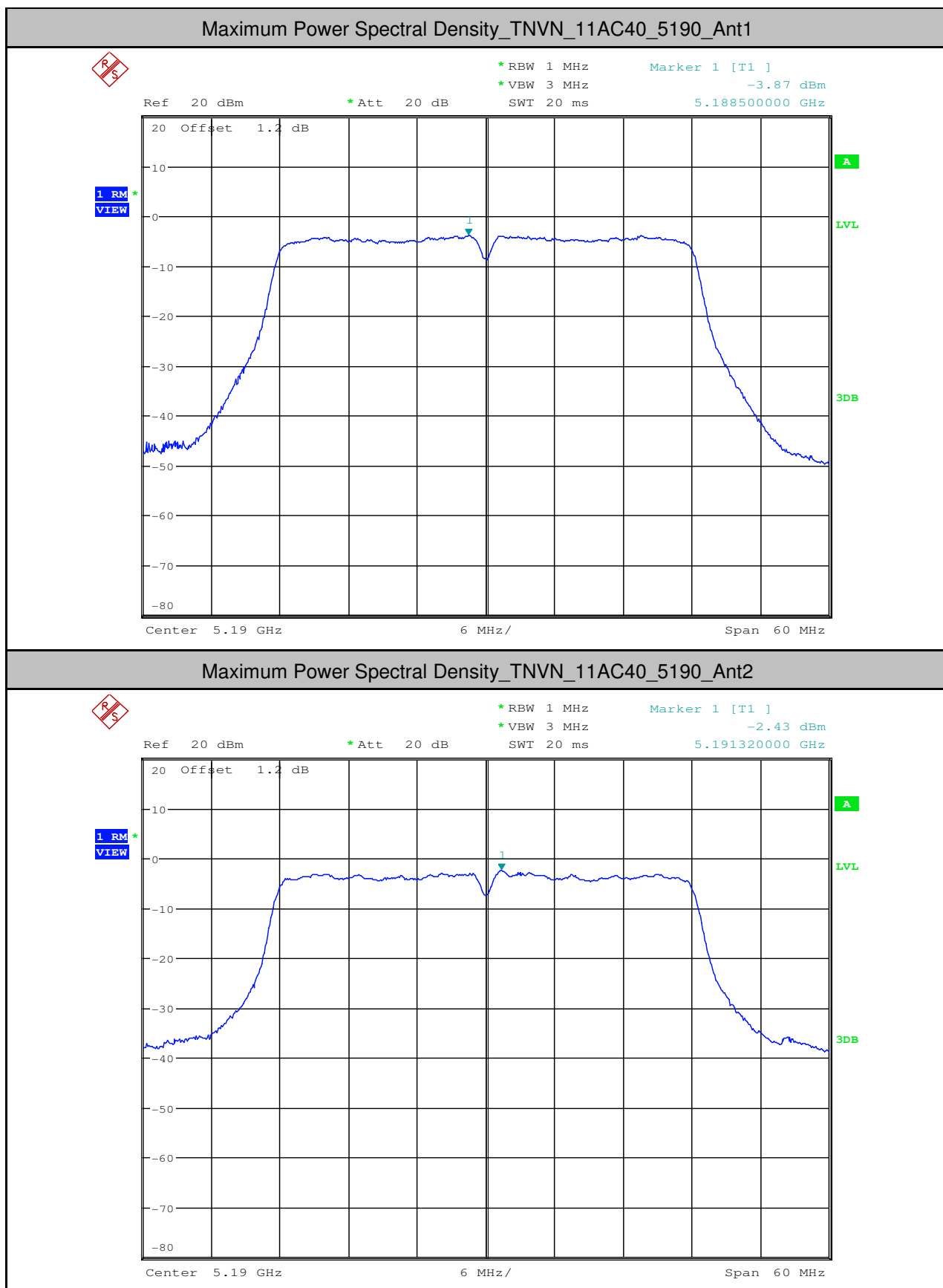


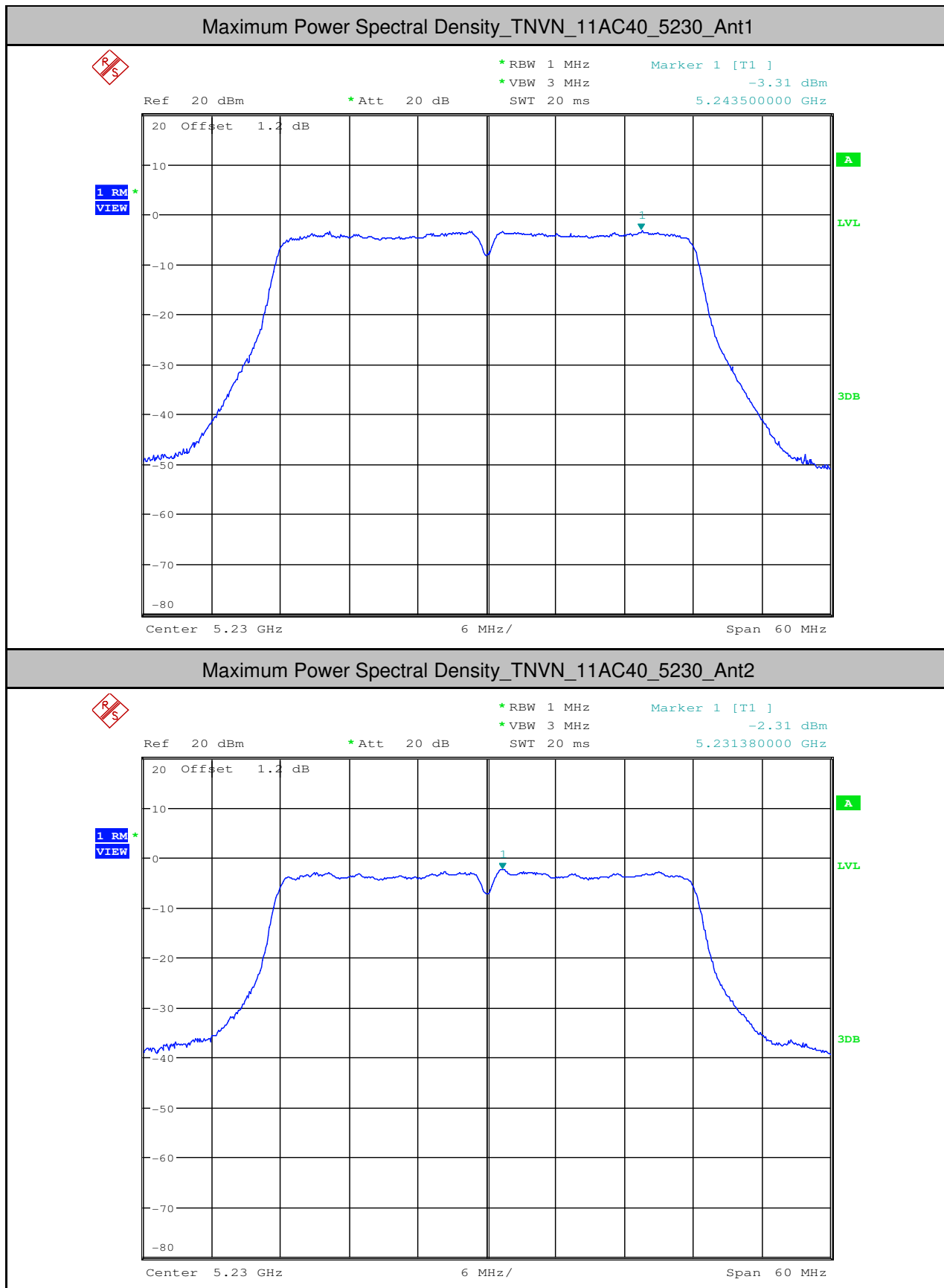


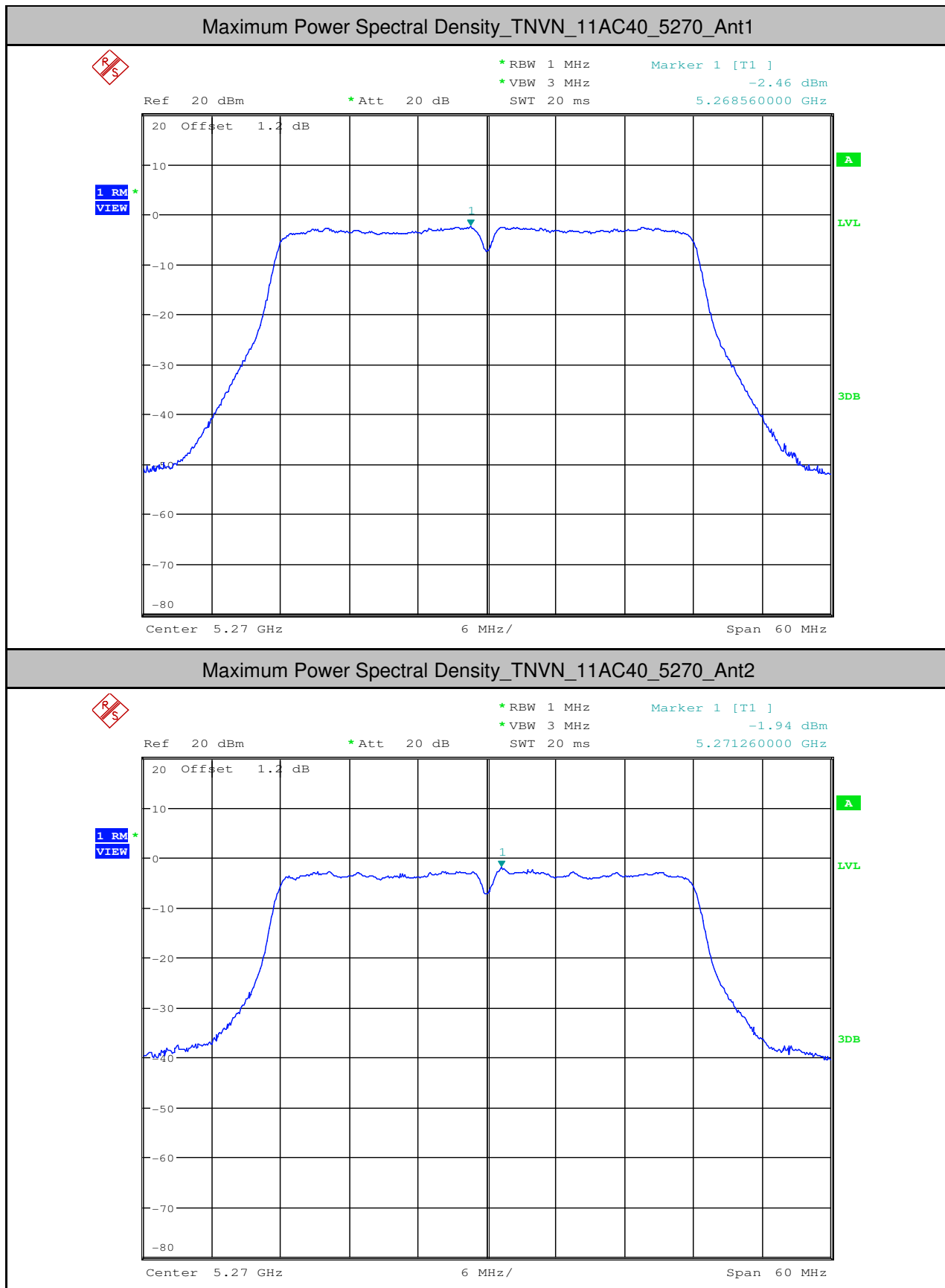


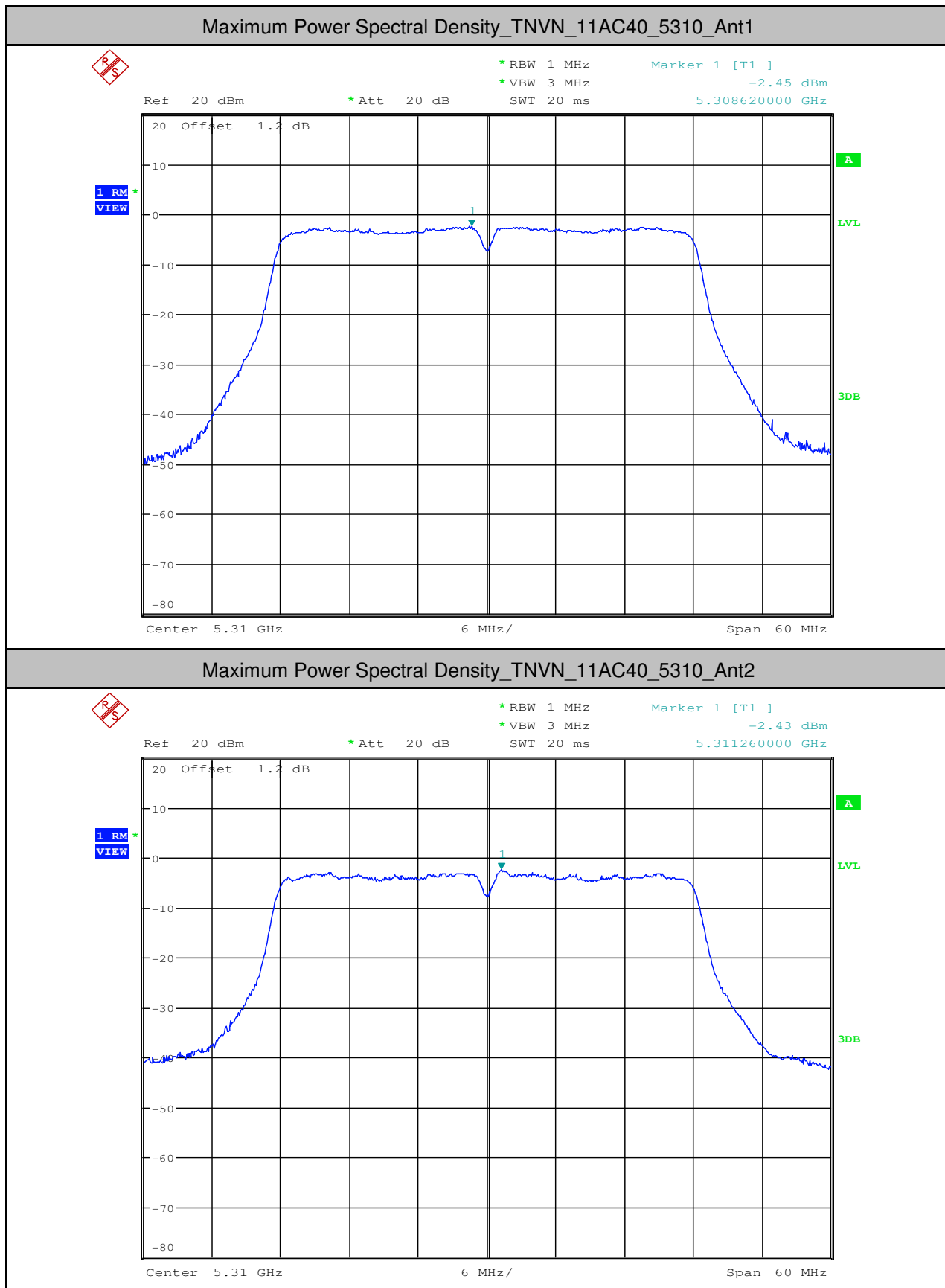


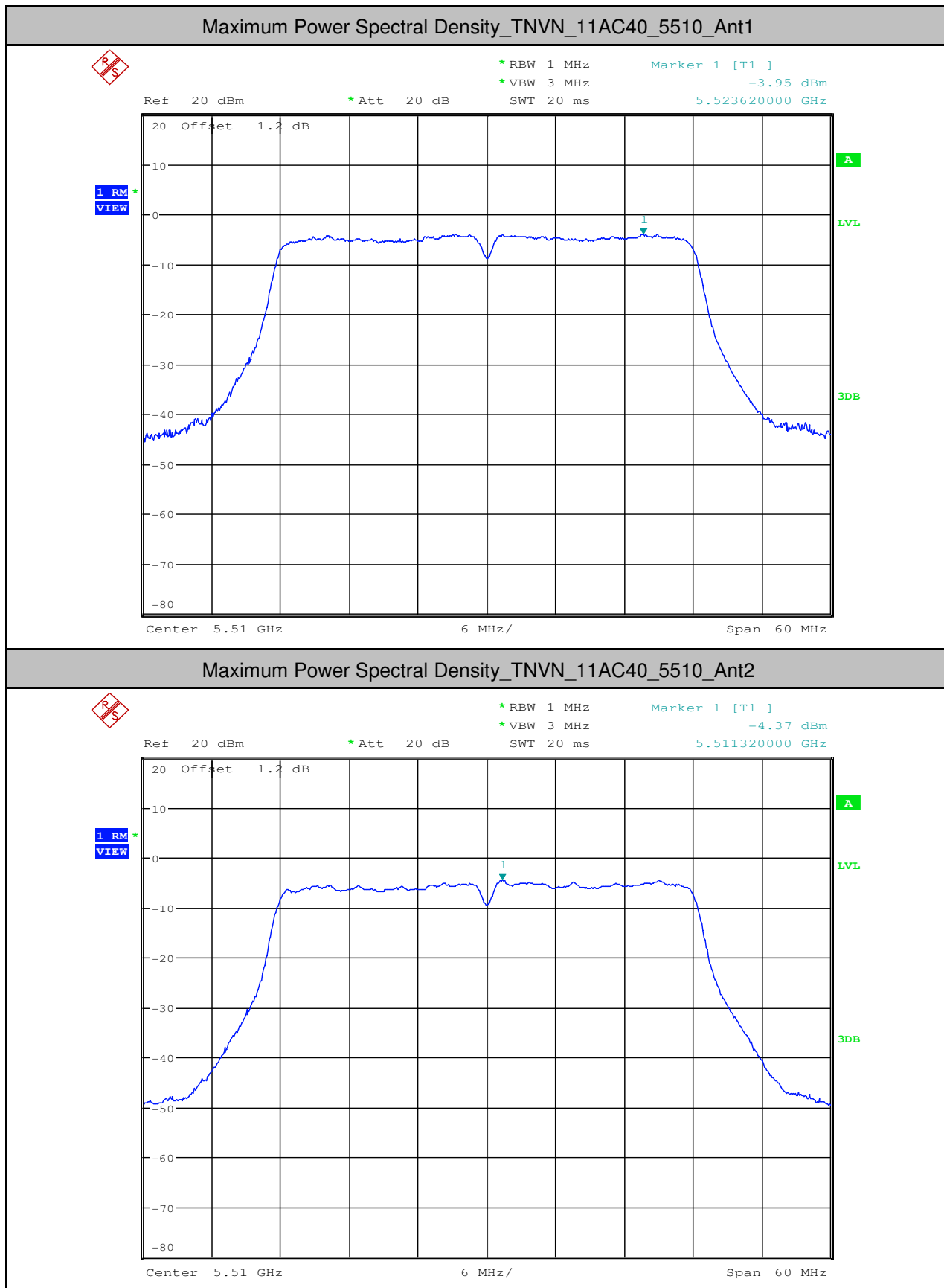


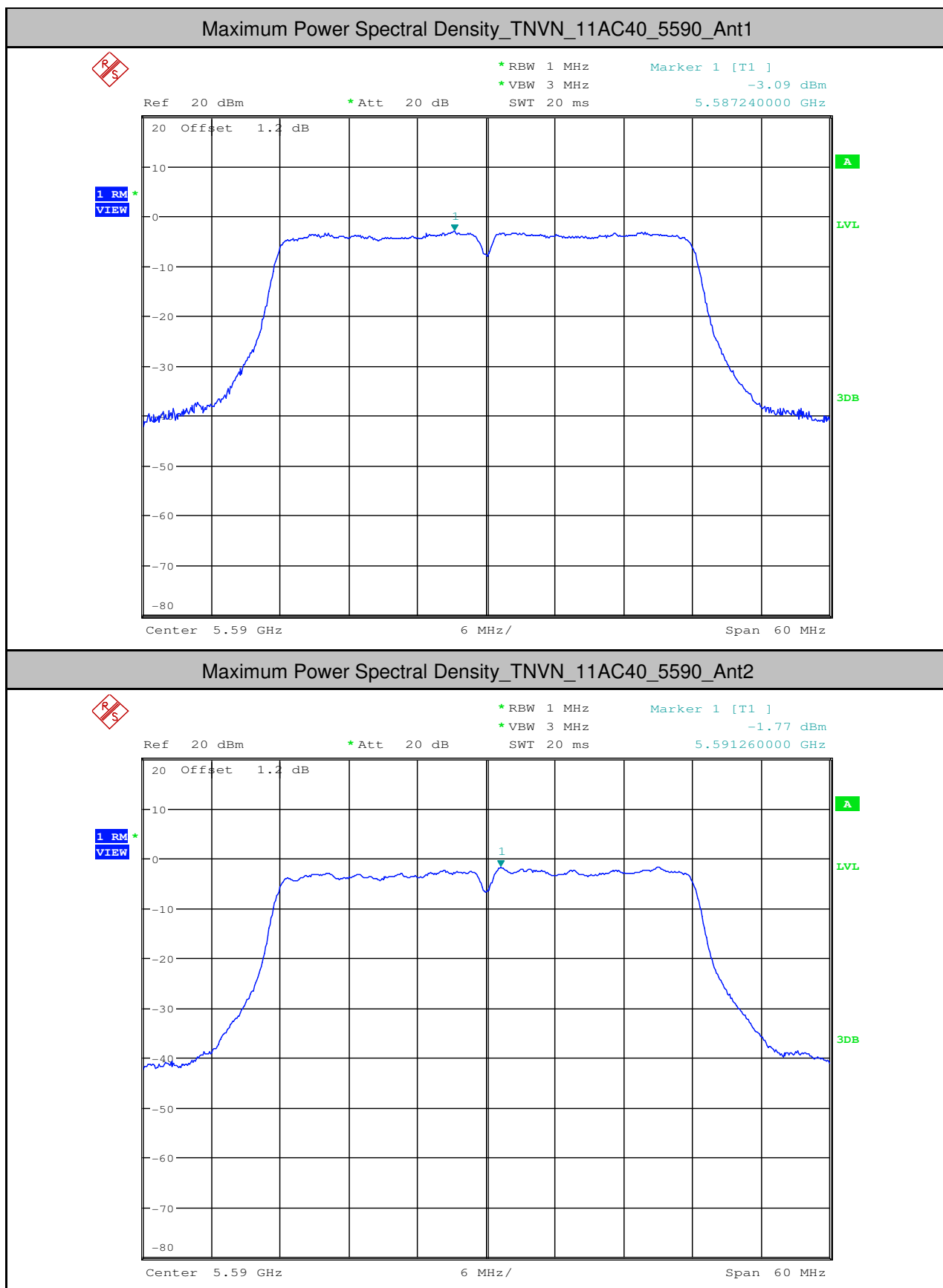




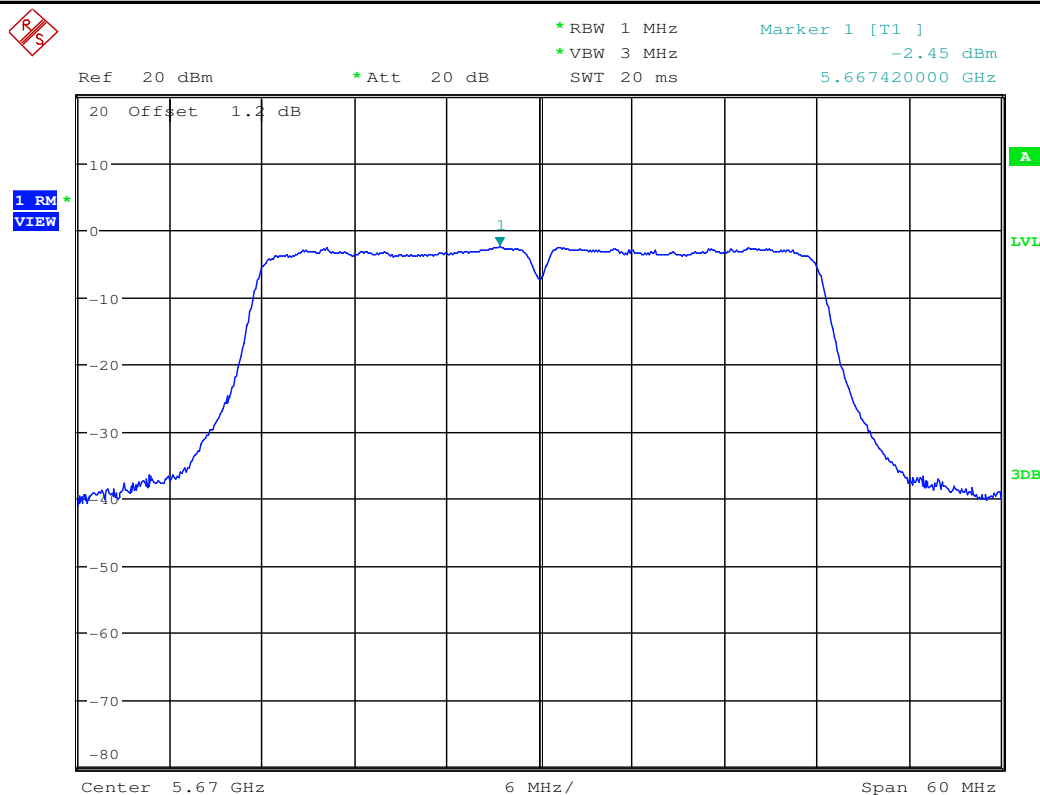




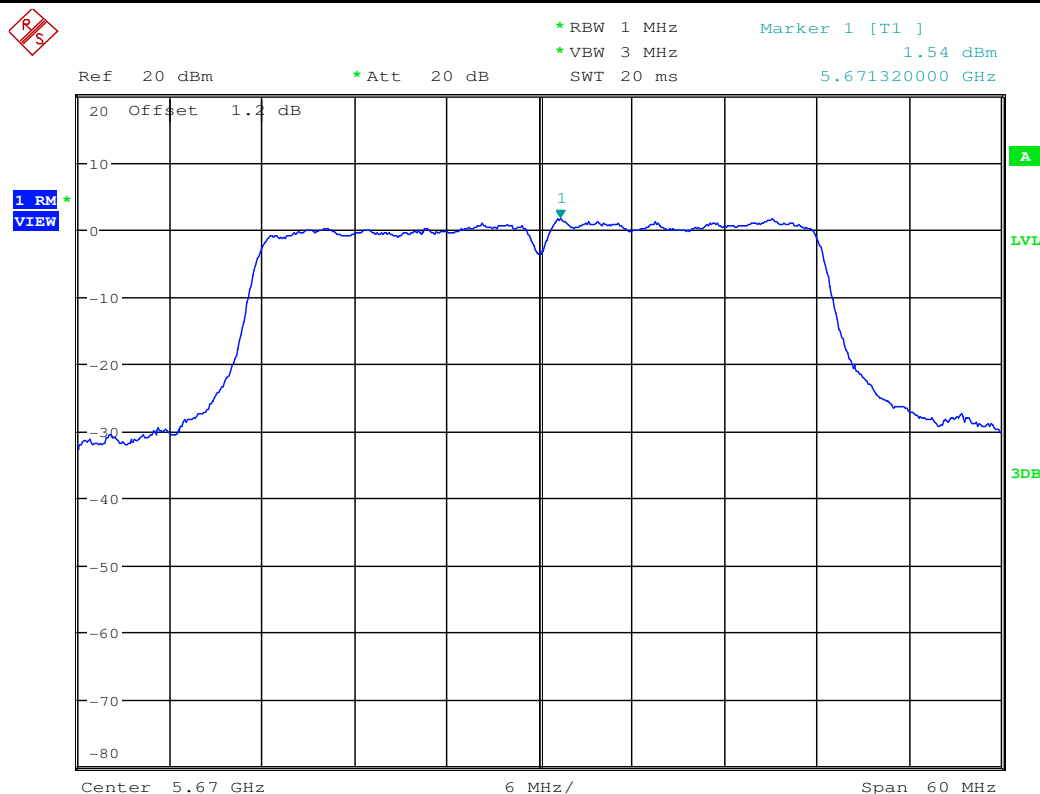




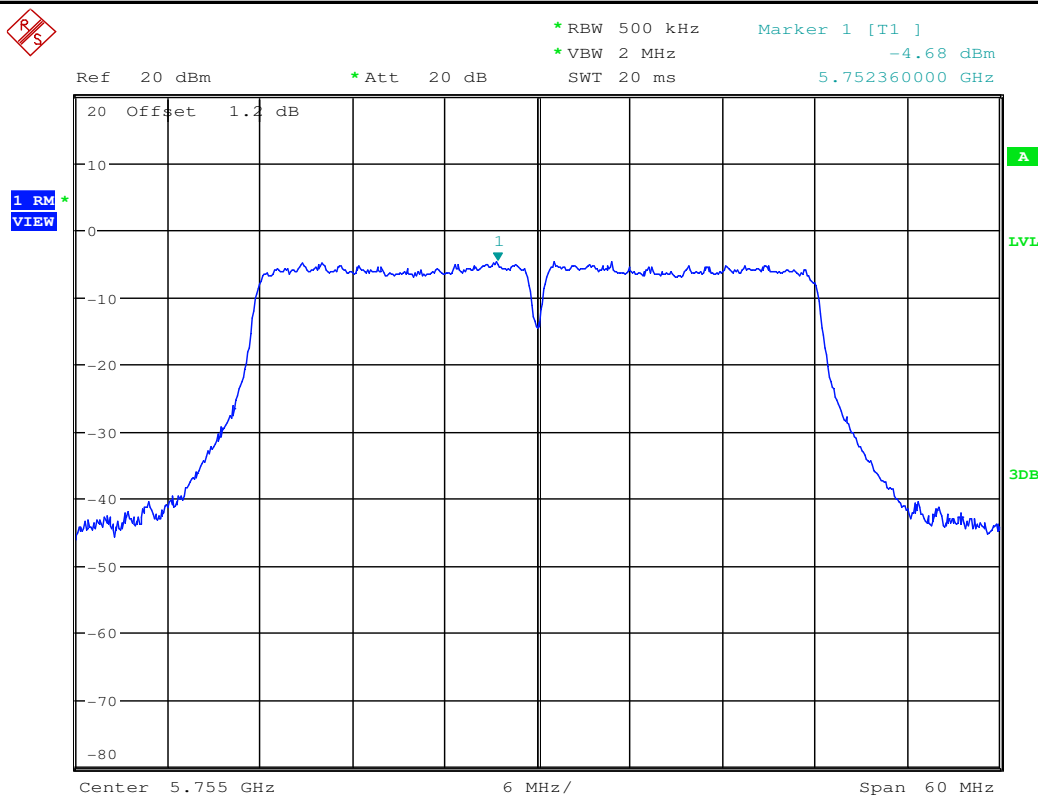
**Maximum Power Spectral Density\_TNVN\_11AC40\_5670\_Ant1**



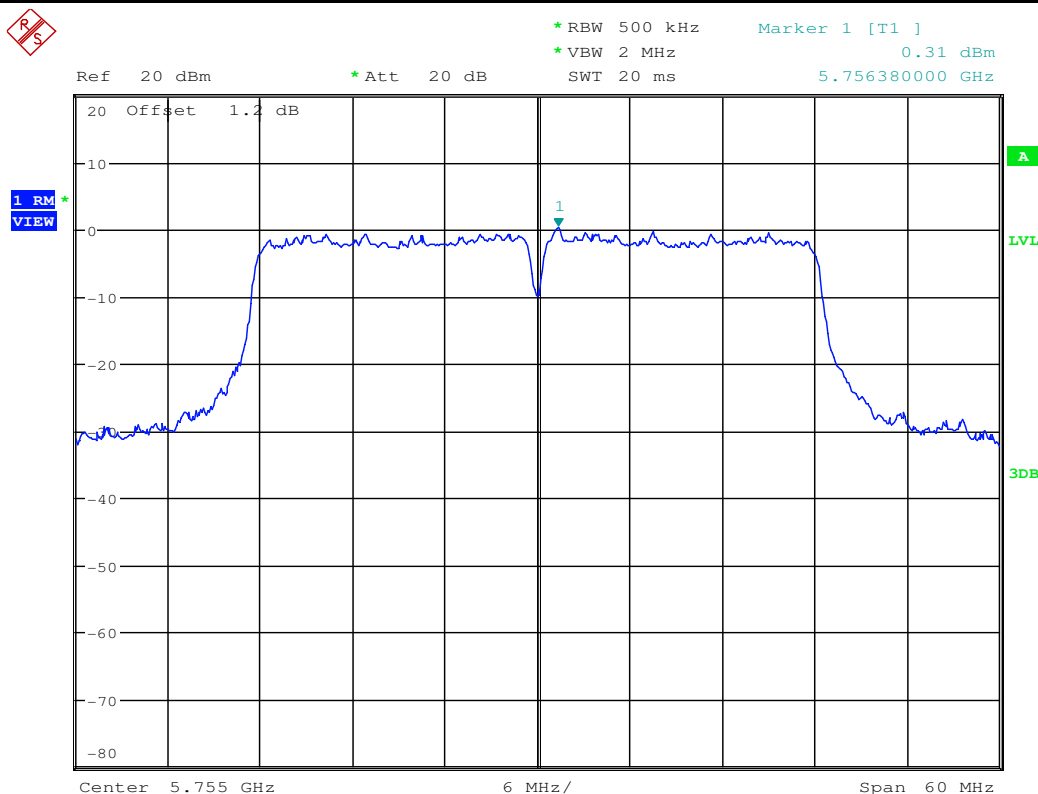
**Maximum Power Spectral Density\_TNVN\_11AC40\_5670\_Ant2**

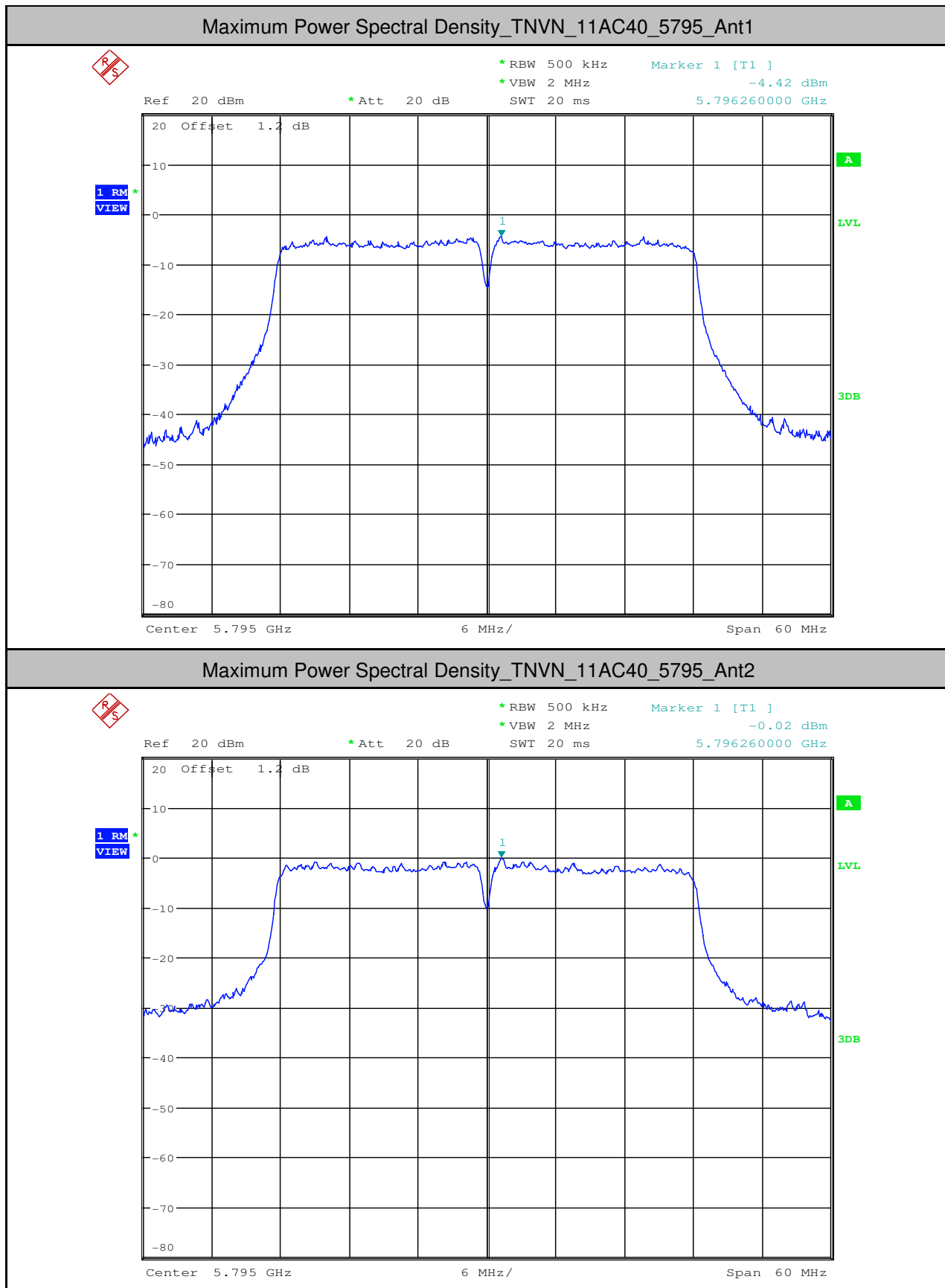


## Maximum Power Spectral Density\_TNVN\_11AC40\_5755\_Ant1



## Maximum Power Spectral Density\_TNVN\_11AC40\_5755\_Ant2







**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM180300232405

Page: 571 of 636



5.Duty Cycle (x)

| Test Mode | Test Channel | Ant  | Duty Cycle[%] | 10log(1/x) Factor[dB] |
|-----------|--------------|------|---------------|-----------------------|
| 11A       | 5180         | Ant1 | 100           | 0                     |
| 11A       | 5180         | Ant2 | 100           | 0                     |
| 11A       | 5220         | Ant1 | 100           | 0                     |
| 11A       | 5220         | Ant2 | 100           | 0                     |
| 11A       | 5240         | Ant1 | 100           | 0                     |
| 11A       | 5240         | Ant2 | 100           | 0                     |
| 11A       | 5260         | Ant1 | 100           | 0                     |
| 11A       | 5260         | Ant2 | 100           | 0                     |
| 11A       | 5300         | Ant1 | 100           | 0                     |
| 11A       | 5300         | Ant2 | 100           | 0                     |
| 11A       | 5320         | Ant1 | 100           | 0                     |
| 11A       | 5320         | Ant2 | 100           | 0                     |
| 11A       | 5500         | Ant1 | 100           | 0                     |
| 11A       | 5500         | Ant2 | 100           | 0                     |
| 11A       | 5600         | Ant1 | 100           | 0                     |
| 11A       | 5600         | Ant2 | 100           | 0                     |
| 11A       | 5700         | Ant1 | 100           | 0                     |
| 11A       | 5700         | Ant2 | 100           | 0                     |
| 11A       | 5745         | Ant1 | 100           | 0                     |
| 11A       | 5745         | Ant2 | 100           | 0                     |
| 11A       | 5785         | Ant1 | 100           | 0                     |
| 11A       | 5785         | Ant2 | 100           | 0                     |
| 11A       | 5825         | Ant1 | 100           | 0                     |
| 11A       | 5825         | Ant2 | 100           | 0                     |
| 11N20     | 5180         | Ant1 | 100           | 0                     |
| 11N20     | 5180         | Ant2 | 100           | 0                     |
| 11N20     | 5220         | Ant1 | 100           | 0                     |
| 11N20     | 5220         | Ant2 | 100           | 0                     |
| 11N20     | 5240         | Ant1 | 100           | 0                     |
| 11N20     | 5240         | Ant2 | 100           | 0                     |



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180300232405

Page: 573 of 636

|       |      |      |     |   |
|-------|------|------|-----|---|
| 11N20 | 5260 | Ant1 | 100 | 0 |
| 11N20 | 5260 | Ant2 | 100 | 0 |
| 11N20 | 5300 | Ant1 | 100 | 0 |
| 11N20 | 5300 | Ant2 | 100 | 0 |
| 11N20 | 5320 | Ant1 | 100 | 0 |
| 11N20 | 5320 | Ant2 | 100 | 0 |
| 11N20 | 5500 | Ant1 | 100 | 0 |
| 11N20 | 5500 | Ant2 | 100 | 0 |
| 11N20 | 5600 | Ant1 | 100 | 0 |
| 11N20 | 5600 | Ant2 | 100 | 0 |
| 11N20 | 5700 | Ant1 | 100 | 0 |
| 11N20 | 5700 | Ant2 | 100 | 0 |
| 11N20 | 5745 | Ant1 | 100 | 0 |
| 11N20 | 5745 | Ant2 | 100 | 0 |
| 11N20 | 5785 | Ant1 | 100 | 0 |
| 11N20 | 5785 | Ant2 | 100 | 0 |
| 11N20 | 5825 | Ant1 | 100 | 0 |
| 11N20 | 5825 | Ant2 | 100 | 0 |
| 11N40 | 5190 | Ant1 | 100 | 0 |
| 11N40 | 5190 | Ant2 | 100 | 0 |
| 11N40 | 5230 | Ant1 | 100 | 0 |
| 11N40 | 5230 | Ant2 | 100 | 0 |
| 11N40 | 5270 | Ant1 | 100 | 0 |
| 11N40 | 5270 | Ant2 | 100 | 0 |
| 11N40 | 5310 | Ant1 | 100 | 0 |
| 11N40 | 5310 | Ant2 | 100 | 0 |
| 11N40 | 5510 | Ant1 | 100 | 0 |
| 11N40 | 5510 | Ant2 | 100 | 0 |
| 11N40 | 5590 | Ant1 | 100 | 0 |
| 11N40 | 5590 | Ant2 | 100 | 0 |
| 11N40 | 5670 | Ant1 | 100 | 0 |
| 11N40 | 5670 | Ant2 | 100 | 0 |
| 11N40 | 5755 | Ant1 | 100 | 0 |
| 11N40 | 5755 | Ant2 | 100 | 0 |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180300232405

Page: 574 of 636

|        |      |      |     |   |
|--------|------|------|-----|---|
| 11N40  | 5795 | Ant1 | 100 | 0 |
| 11N40  | 5795 | Ant2 | 100 | 0 |
| 11AC20 | 5180 | Ant1 | 100 | 0 |
| 11AC20 | 5180 | Ant2 | 100 | 0 |
| 11AC20 | 5220 | Ant1 | 100 | 0 |
| 11AC20 | 5220 | Ant2 | 100 | 0 |
| 11AC20 | 5240 | Ant1 | 100 | 0 |
| 11AC20 | 5240 | Ant2 | 100 | 0 |
| 11AC20 | 5260 | Ant1 | 100 | 0 |
| 11AC20 | 5260 | Ant2 | 100 | 0 |
| 11AC20 | 5300 | Ant1 | 100 | 0 |
| 11AC20 | 5300 | Ant2 | 100 | 0 |
| 11AC20 | 5320 | Ant1 | 100 | 0 |
| 11AC20 | 5320 | Ant2 | 100 | 0 |
| 11AC20 | 5500 | Ant1 | 100 | 0 |
| 11AC20 | 5500 | Ant2 | 100 | 0 |
| 11AC20 | 5600 | Ant1 | 100 | 0 |
| 11AC20 | 5600 | Ant2 | 100 | 0 |
| 11AC20 | 5700 | Ant1 | 100 | 0 |
| 11AC20 | 5700 | Ant2 | 100 | 0 |
| 11AC20 | 5745 | Ant1 | 100 | 0 |
| 11AC20 | 5745 | Ant2 | 100 | 0 |
| 11AC20 | 5785 | Ant1 | 100 | 0 |
| 11AC20 | 5785 | Ant2 | 100 | 0 |
| 11AC20 | 5825 | Ant1 | 100 | 0 |
| 11AC20 | 5825 | Ant2 | 100 | 0 |
| 11AC80 | 5210 | Ant1 | 100 | 0 |
| 11AC80 | 5210 | Ant2 | 100 | 0 |
| 11AC80 | 5290 | Ant1 | 100 | 0 |
| 11AC80 | 5290 | Ant2 | 100 | 0 |
| 11AC80 | 5530 | Ant1 | 100 | 0 |
| 11AC80 | 5530 | Ant2 | 100 | 0 |
| 11AC80 | 5610 | Ant1 | 100 | 0 |
| 11AC80 | 5610 | Ant2 | 100 | 0 |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

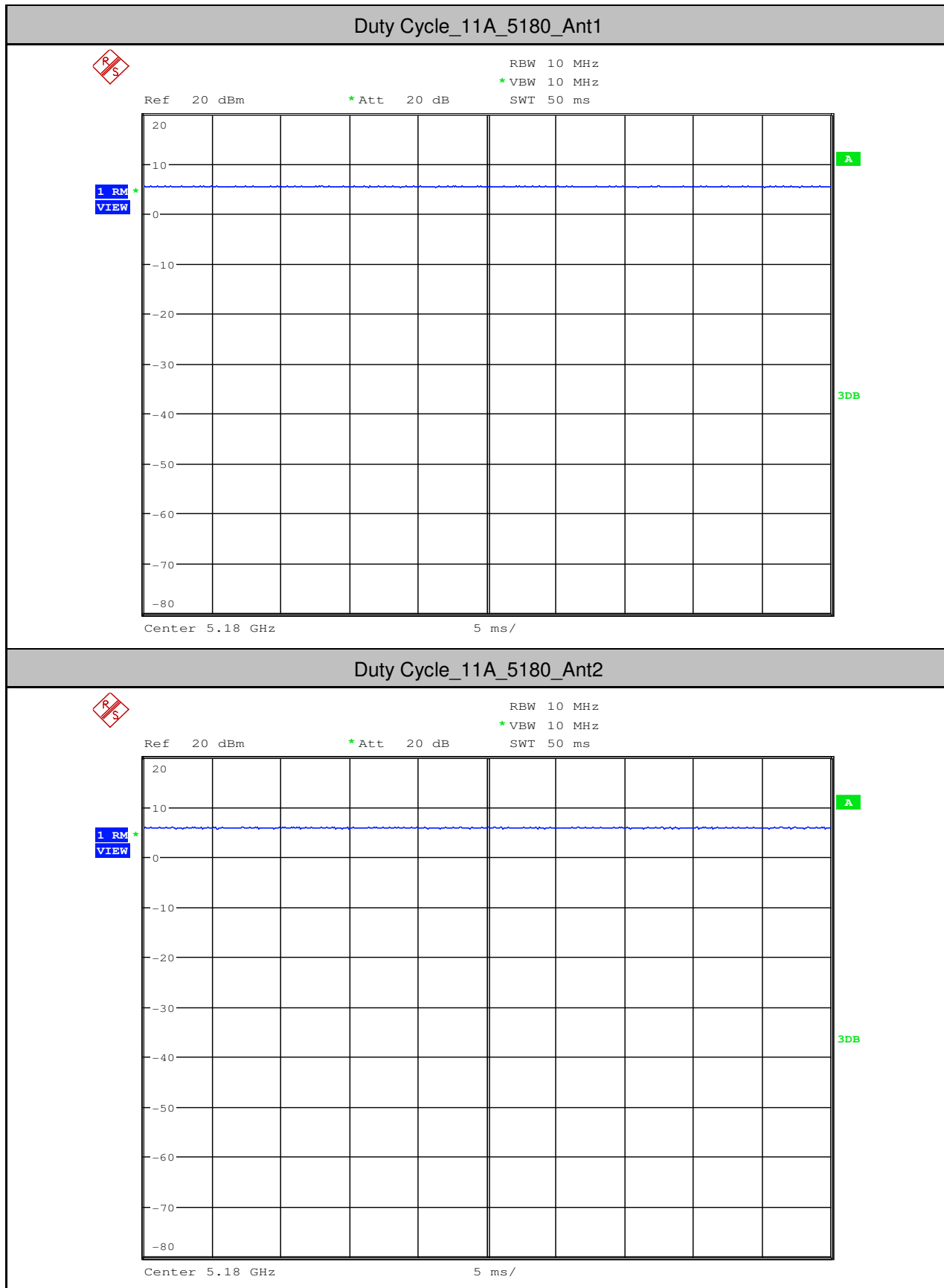


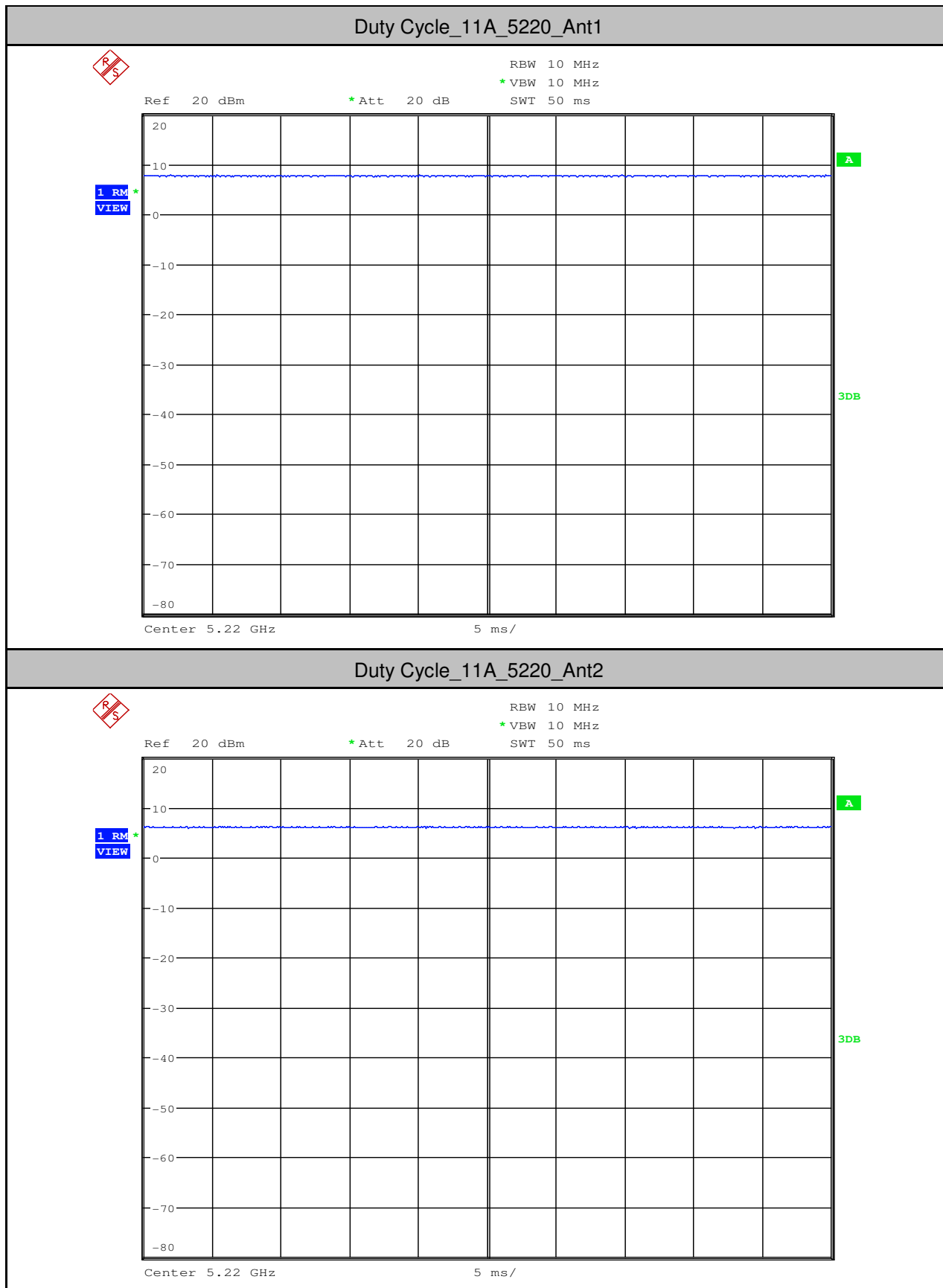
**SGS-CSTC Standards Technical Services Co., Ltd.**  
**Shenzhen Branch**

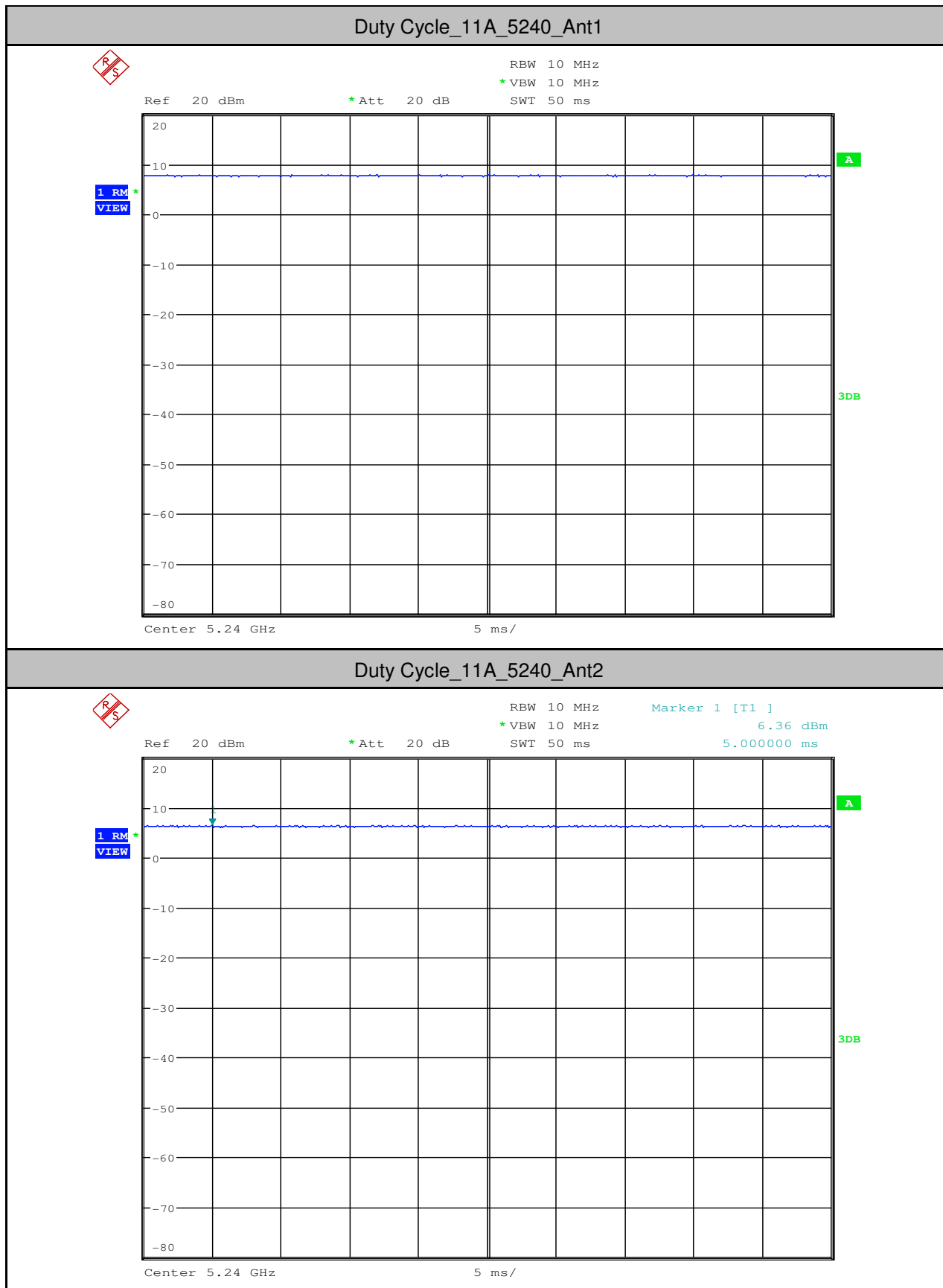
Report No.: SZEM180300232405

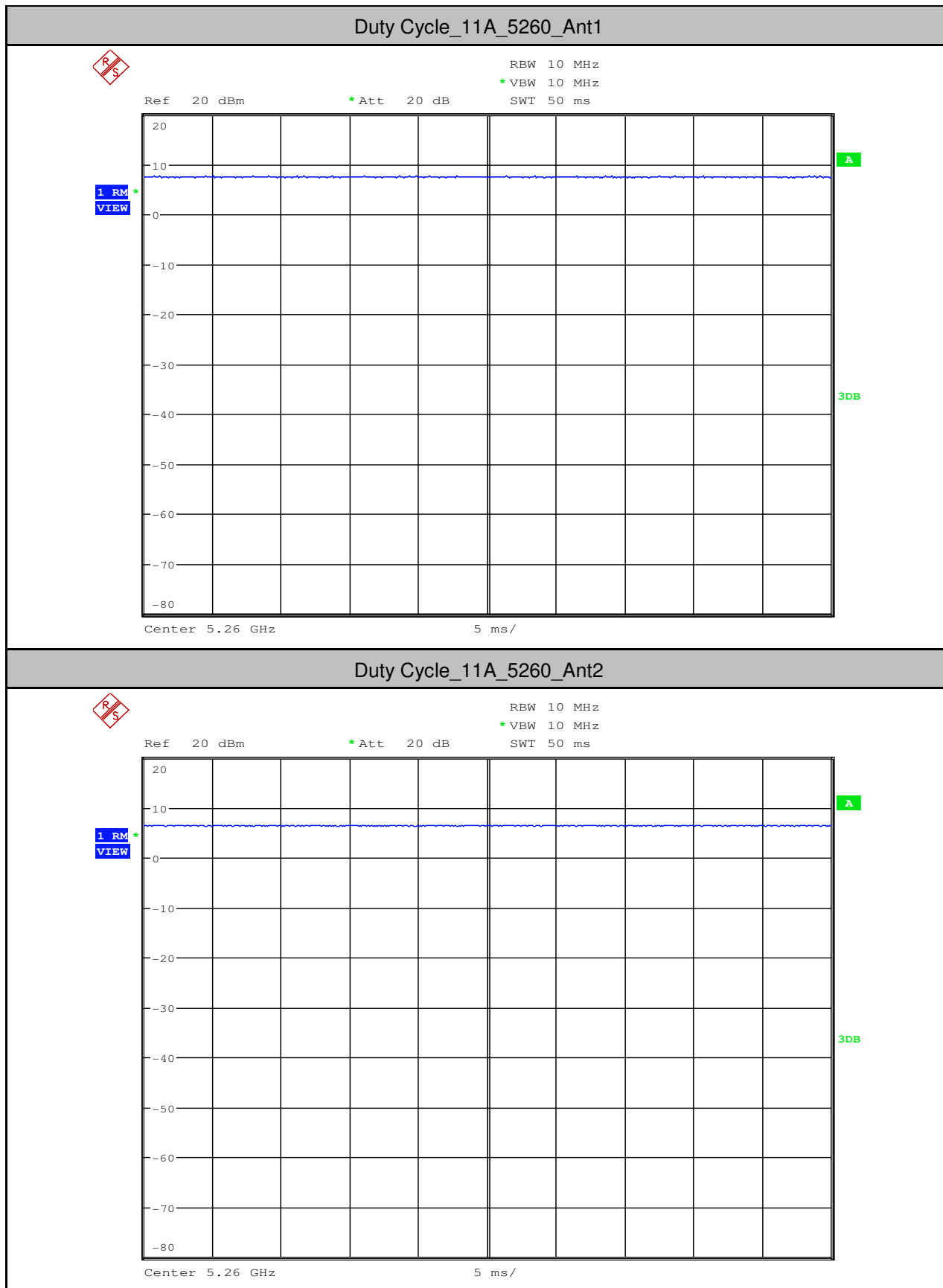
Page: 575 of 636

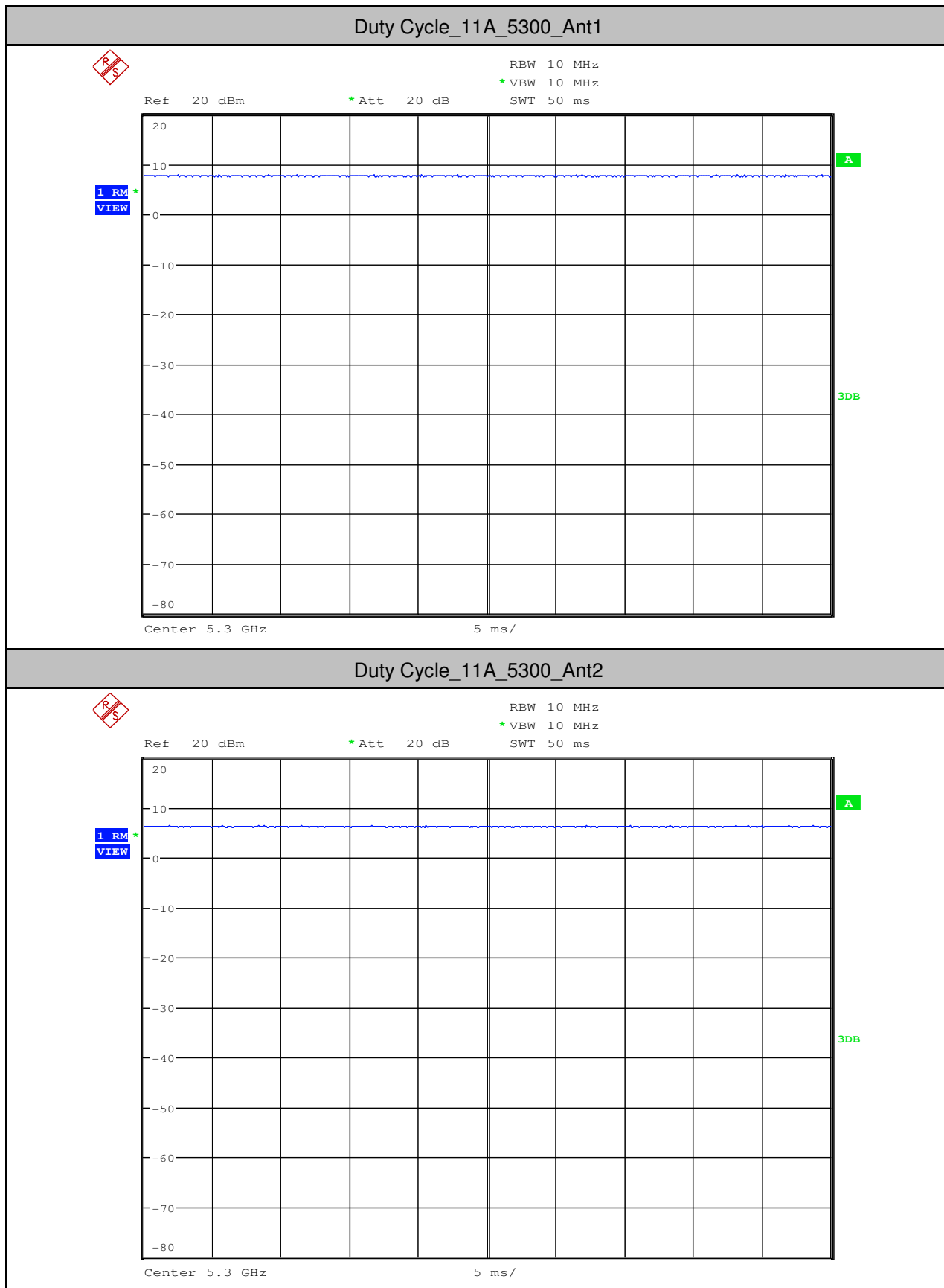
|        |      |      |     |   |
|--------|------|------|-----|---|
| 11AC80 | 5775 | Ant1 | 100 | 0 |
| 11AC80 | 5775 | Ant2 | 100 | 0 |
| 11AC40 | 5190 | Ant1 | 100 | 0 |
| 11AC40 | 5190 | Ant2 | 100 | 0 |
| 11AC40 | 5230 | Ant1 | 100 | 0 |
| 11AC40 | 5230 | Ant2 | 100 | 0 |
| 11AC40 | 5270 | Ant1 | 100 | 0 |
| 11AC40 | 5270 | Ant2 | 100 | 0 |
| 11AC40 | 5310 | Ant1 | 100 | 0 |
| 11AC40 | 5310 | Ant2 | 100 | 0 |
| 11AC40 | 5510 | Ant1 | 100 | 0 |
| 11AC40 | 5510 | Ant2 | 100 | 0 |
| 11AC40 | 5590 | Ant1 | 100 | 0 |
| 11AC40 | 5590 | Ant2 | 100 | 0 |
| 11AC40 | 5670 | Ant1 | 100 | 0 |
| 11AC40 | 5670 | Ant2 | 100 | 0 |
| 11AC40 | 5755 | Ant1 | 100 | 0 |
| 11AC40 | 5755 | Ant2 | 100 | 0 |
| 11AC40 | 5795 | Ant1 | 100 | 0 |
| 11AC40 | 5795 | Ant2 | 100 | 0 |

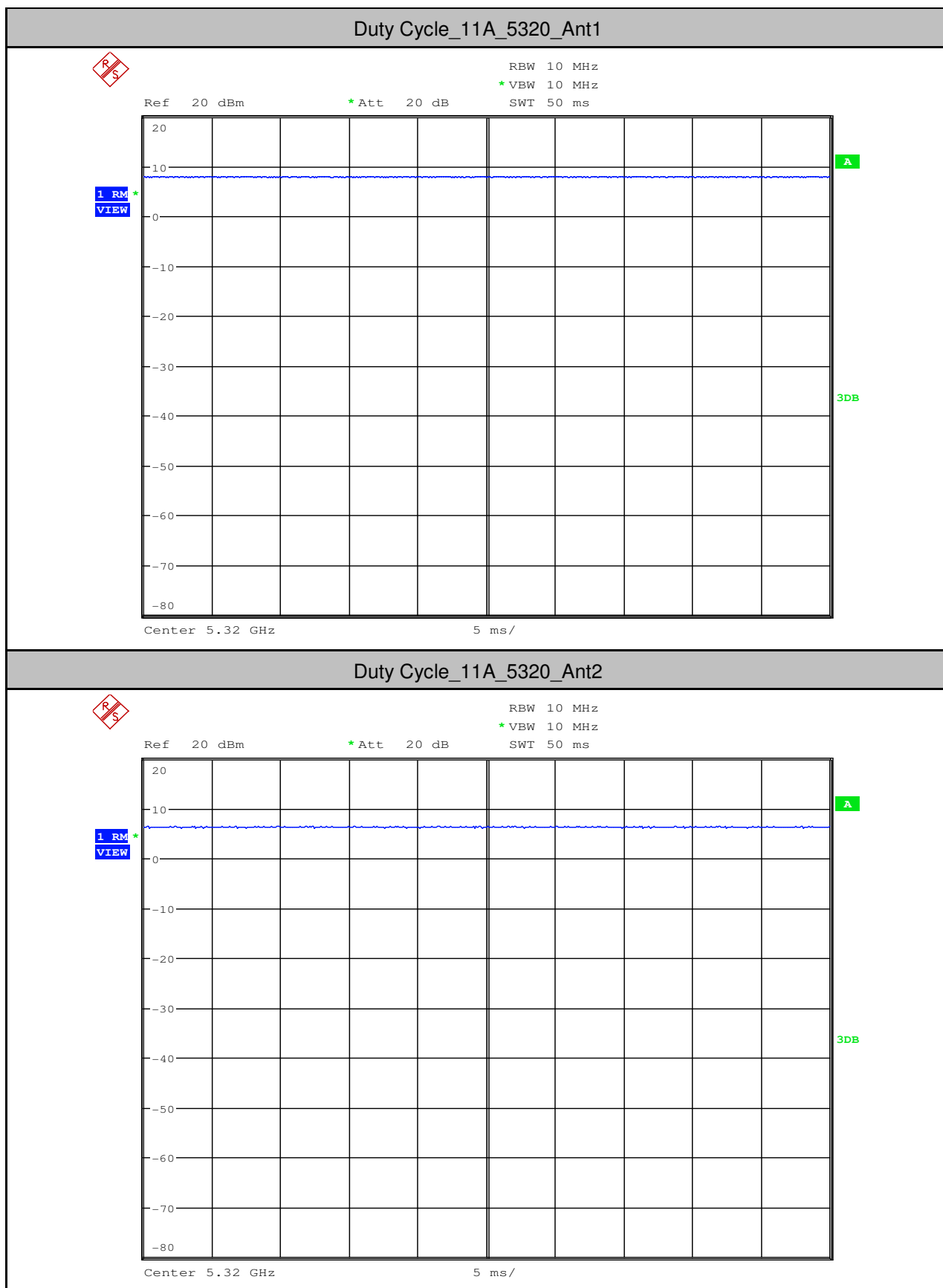


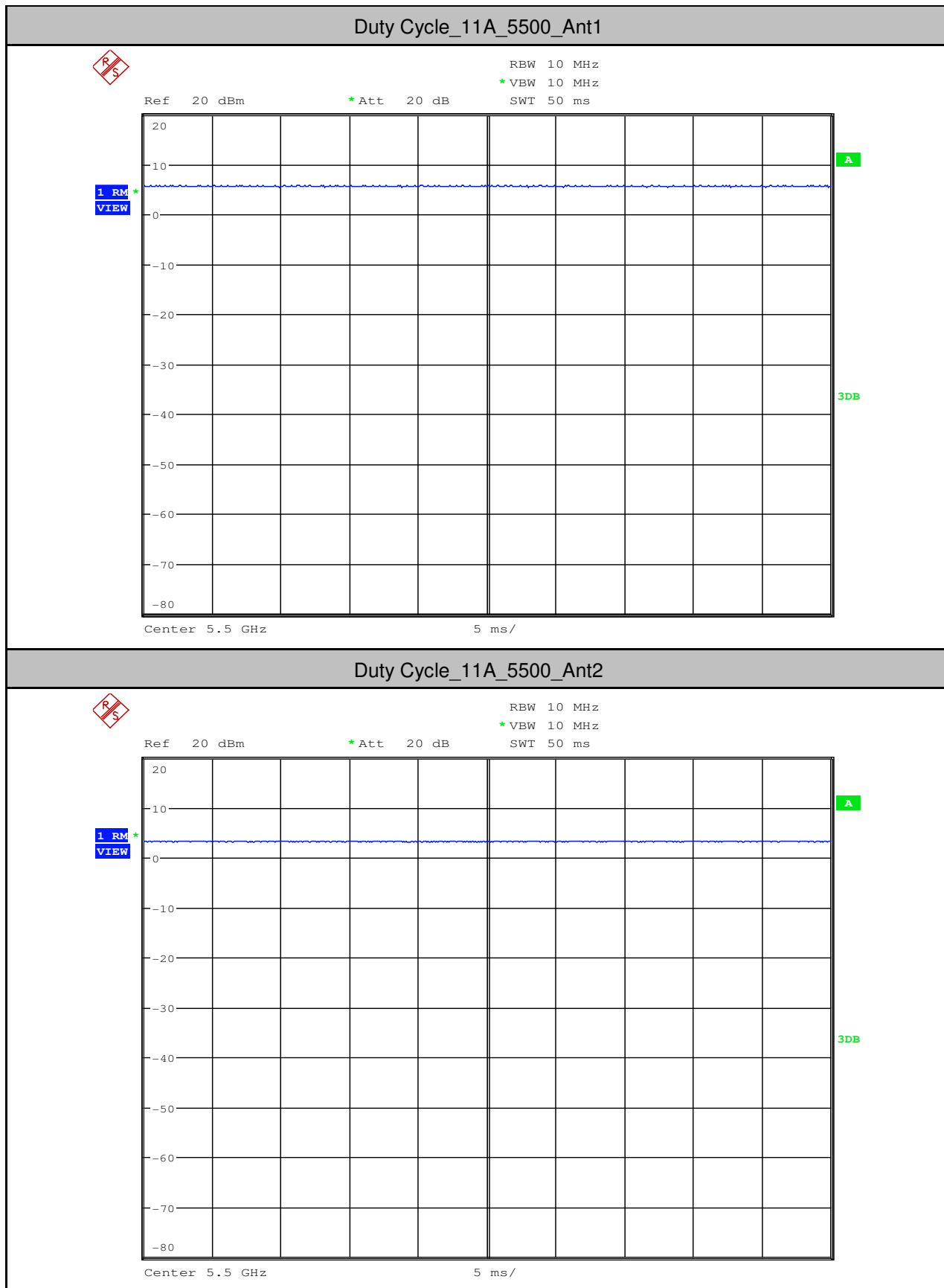


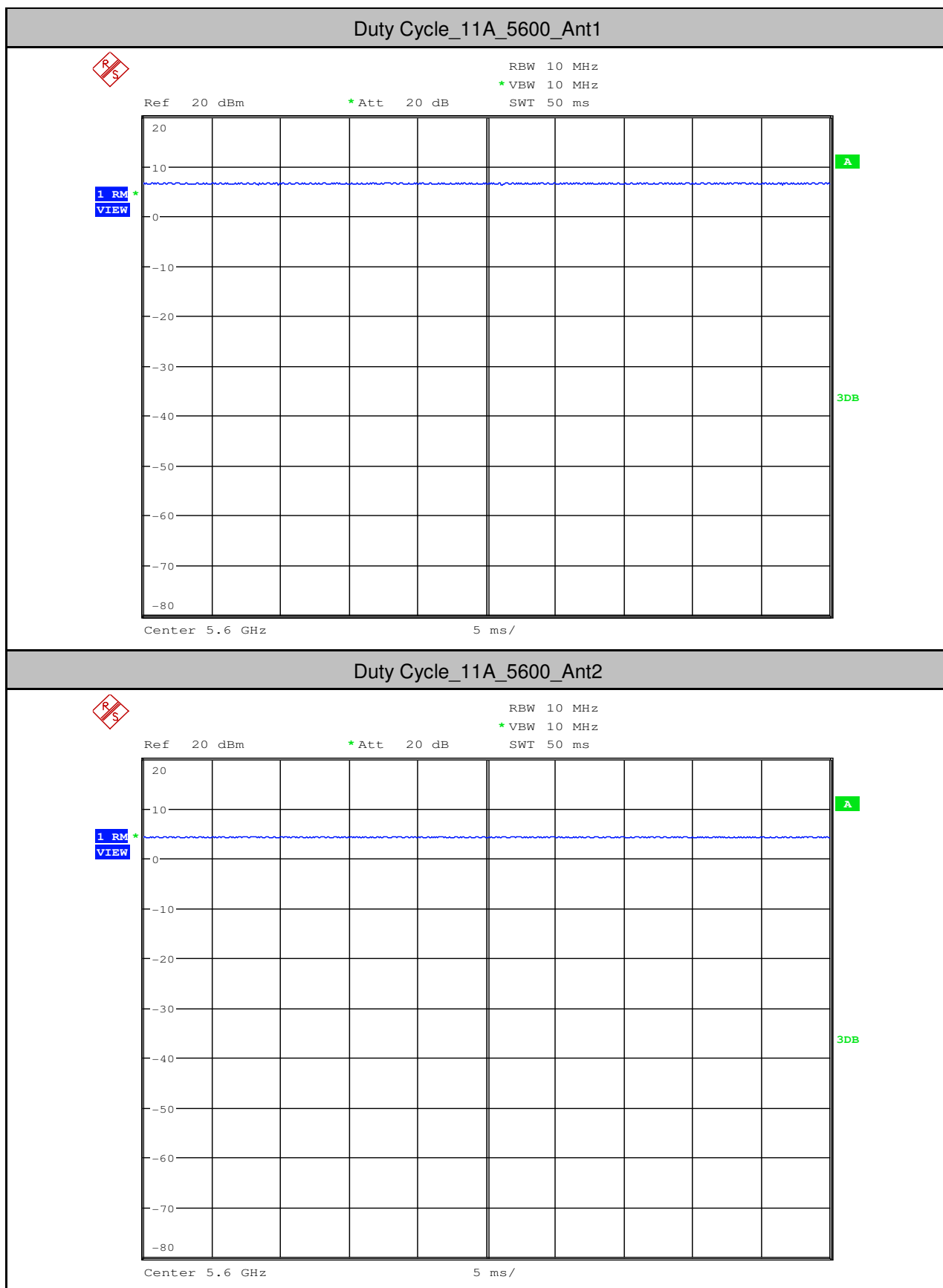


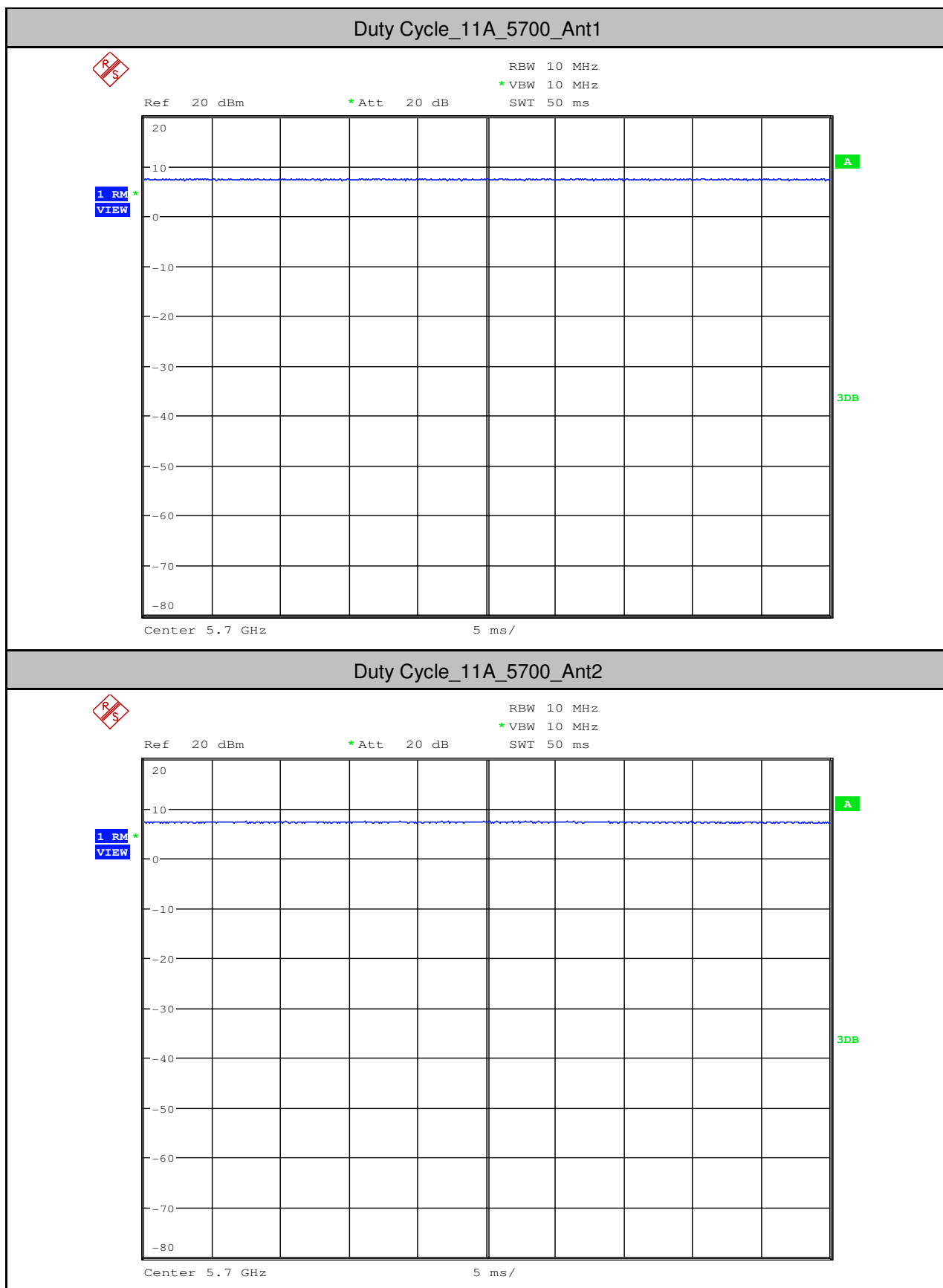


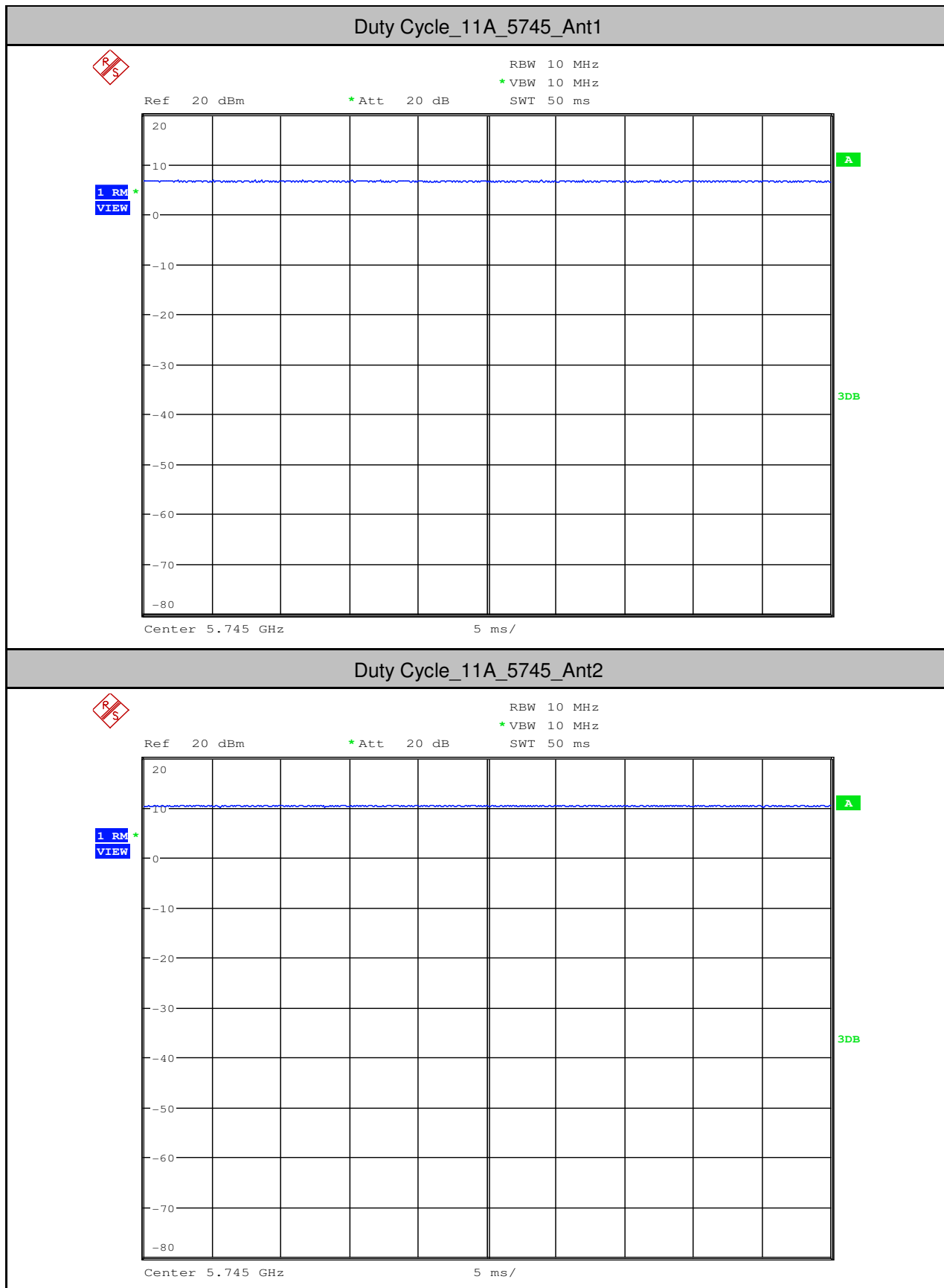


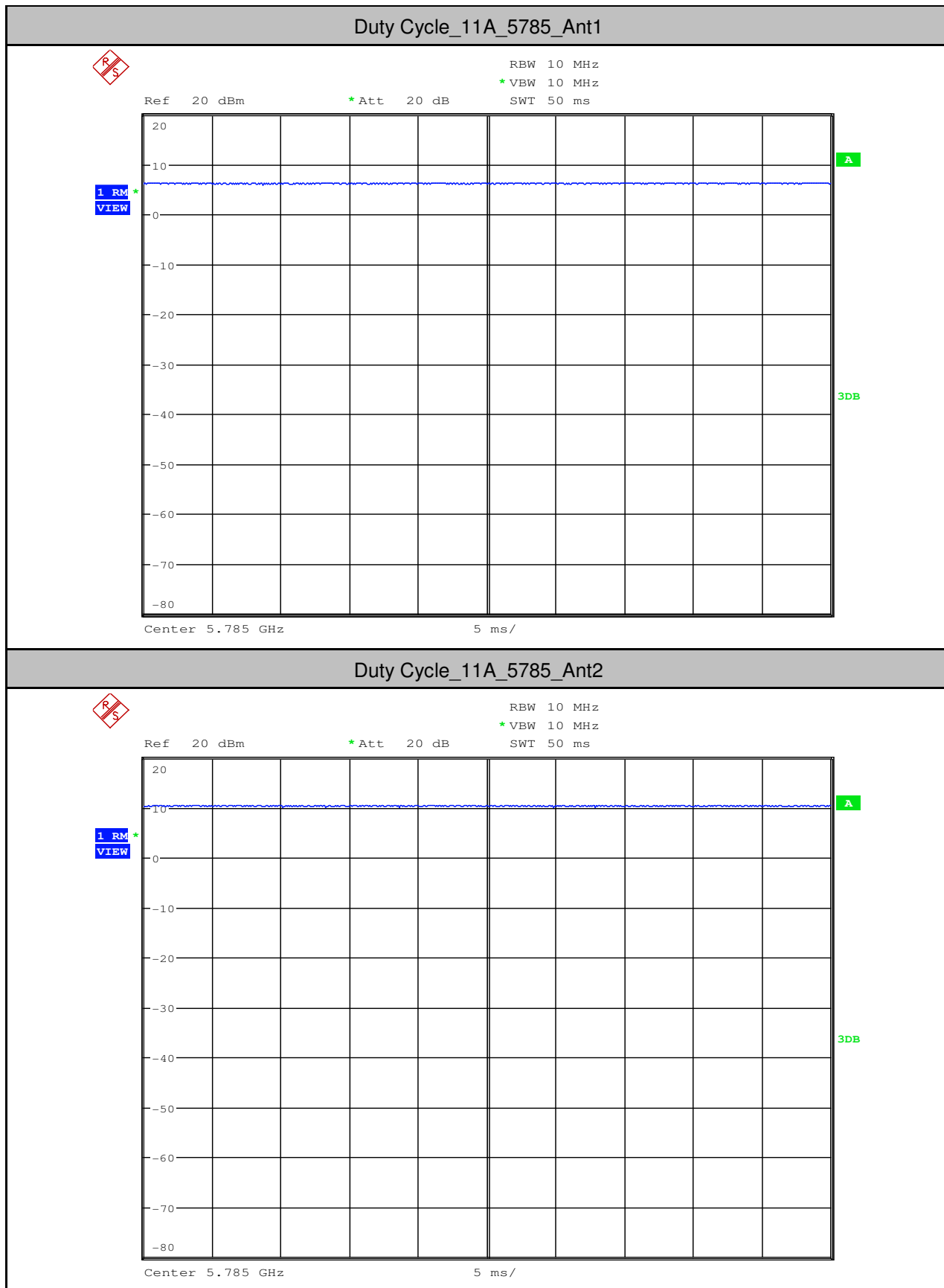


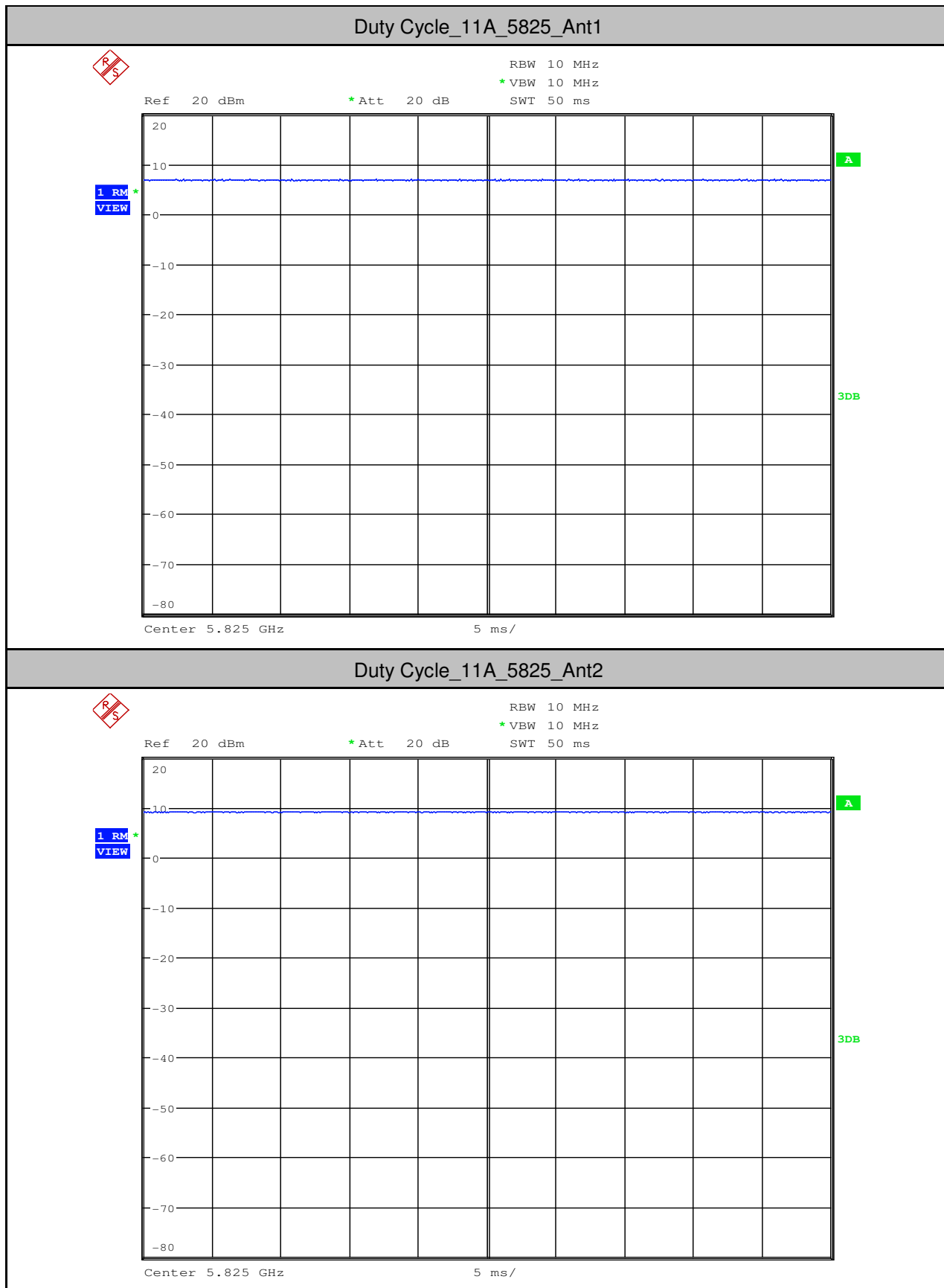


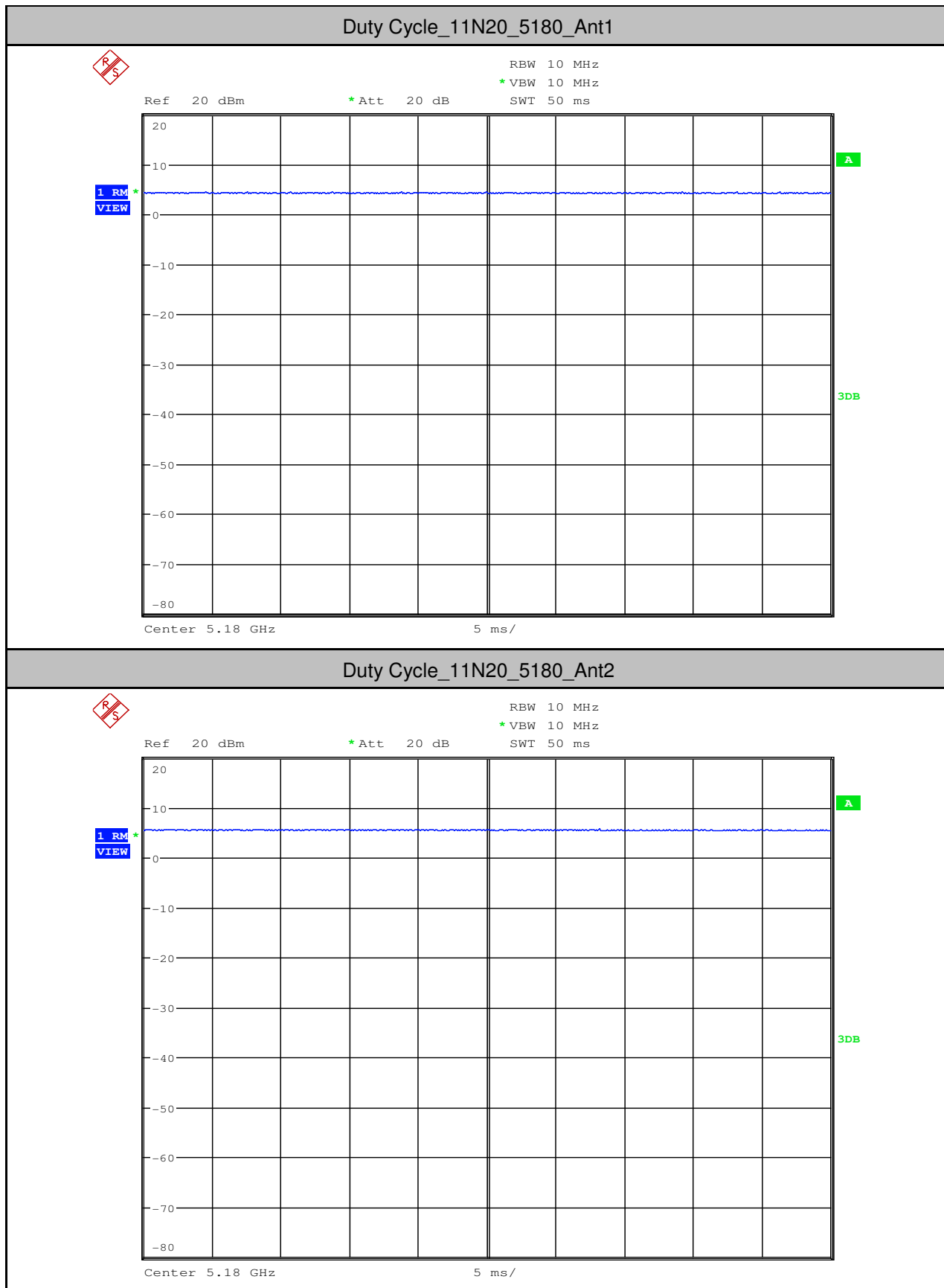


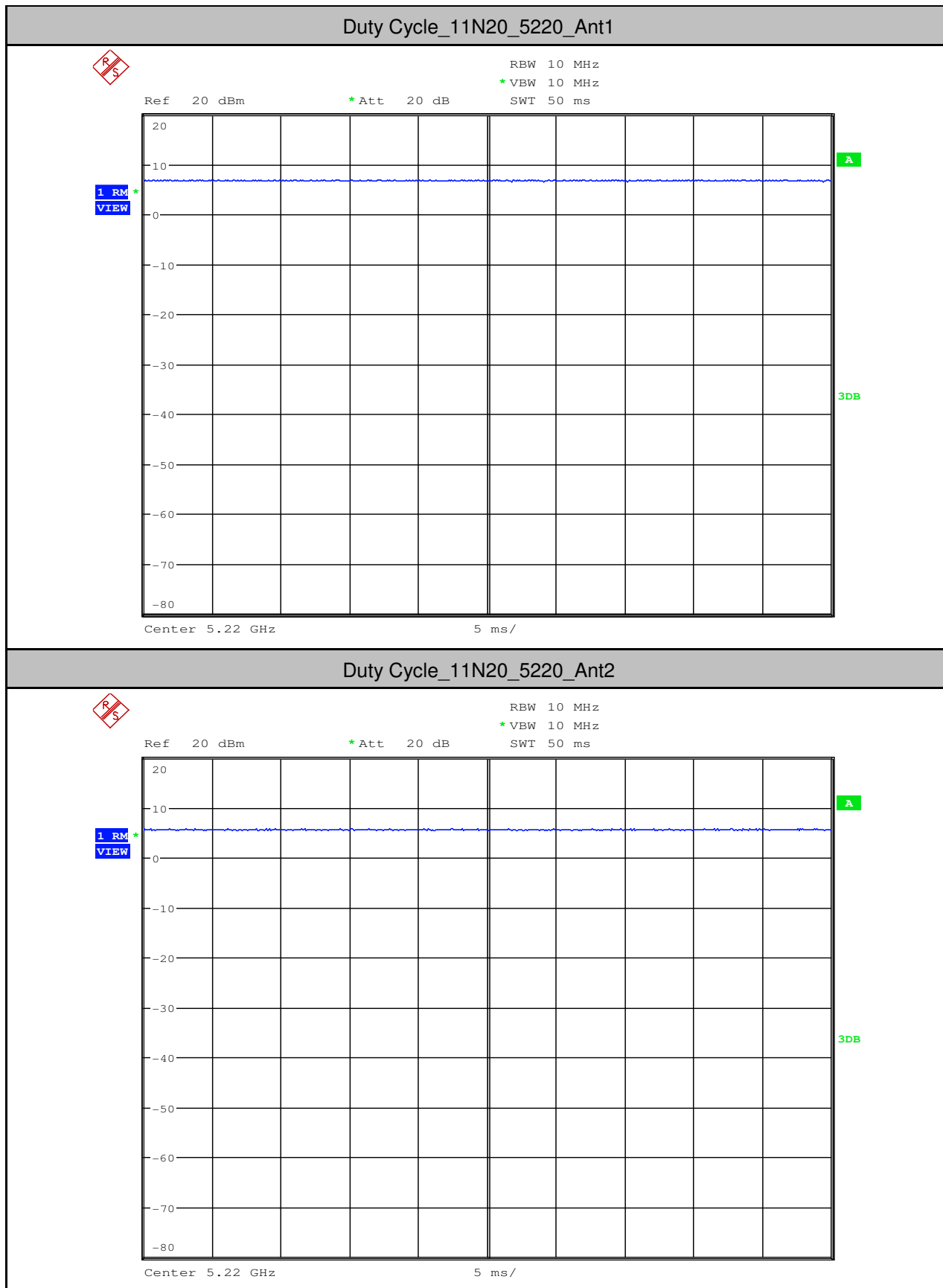


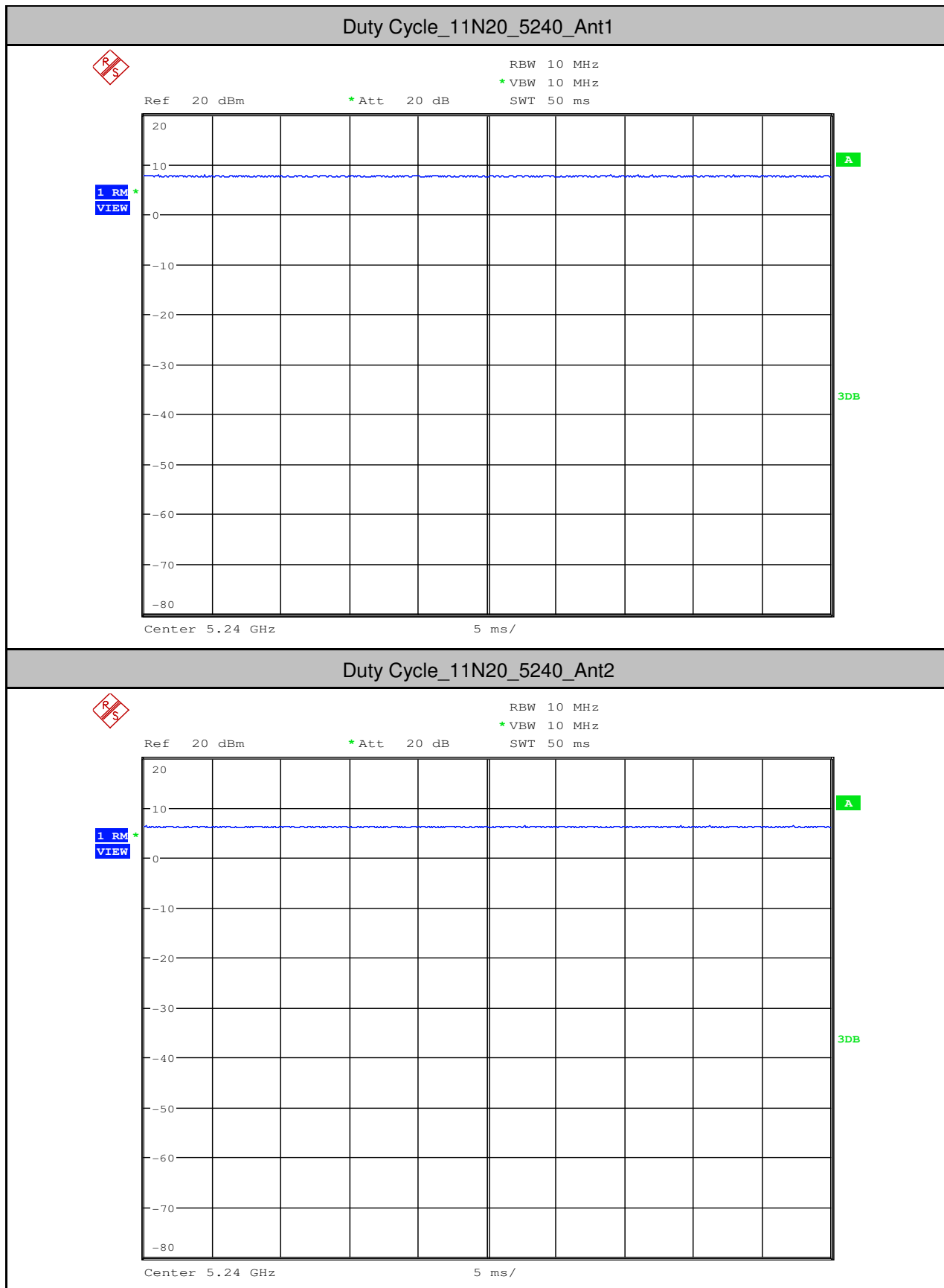


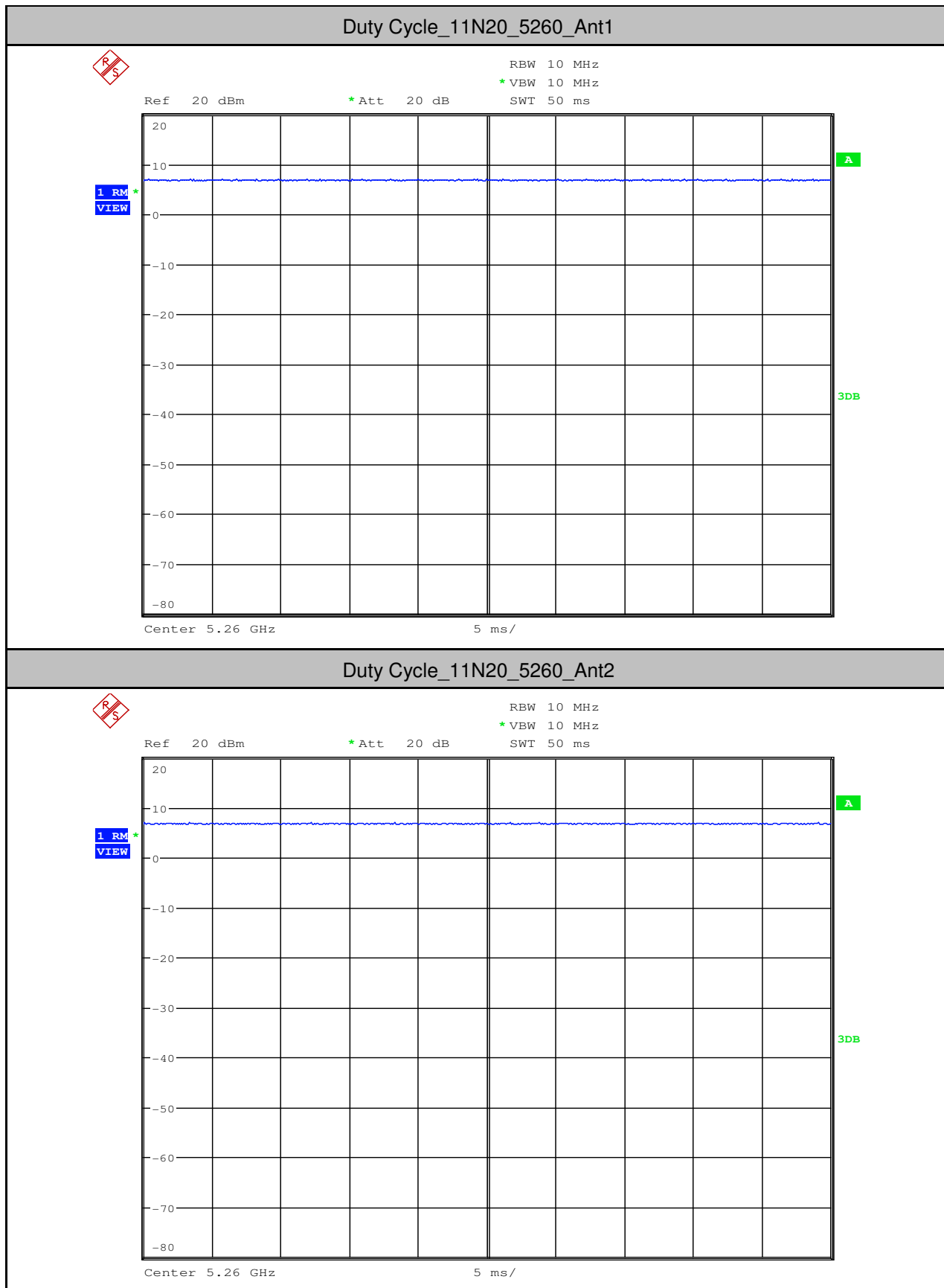


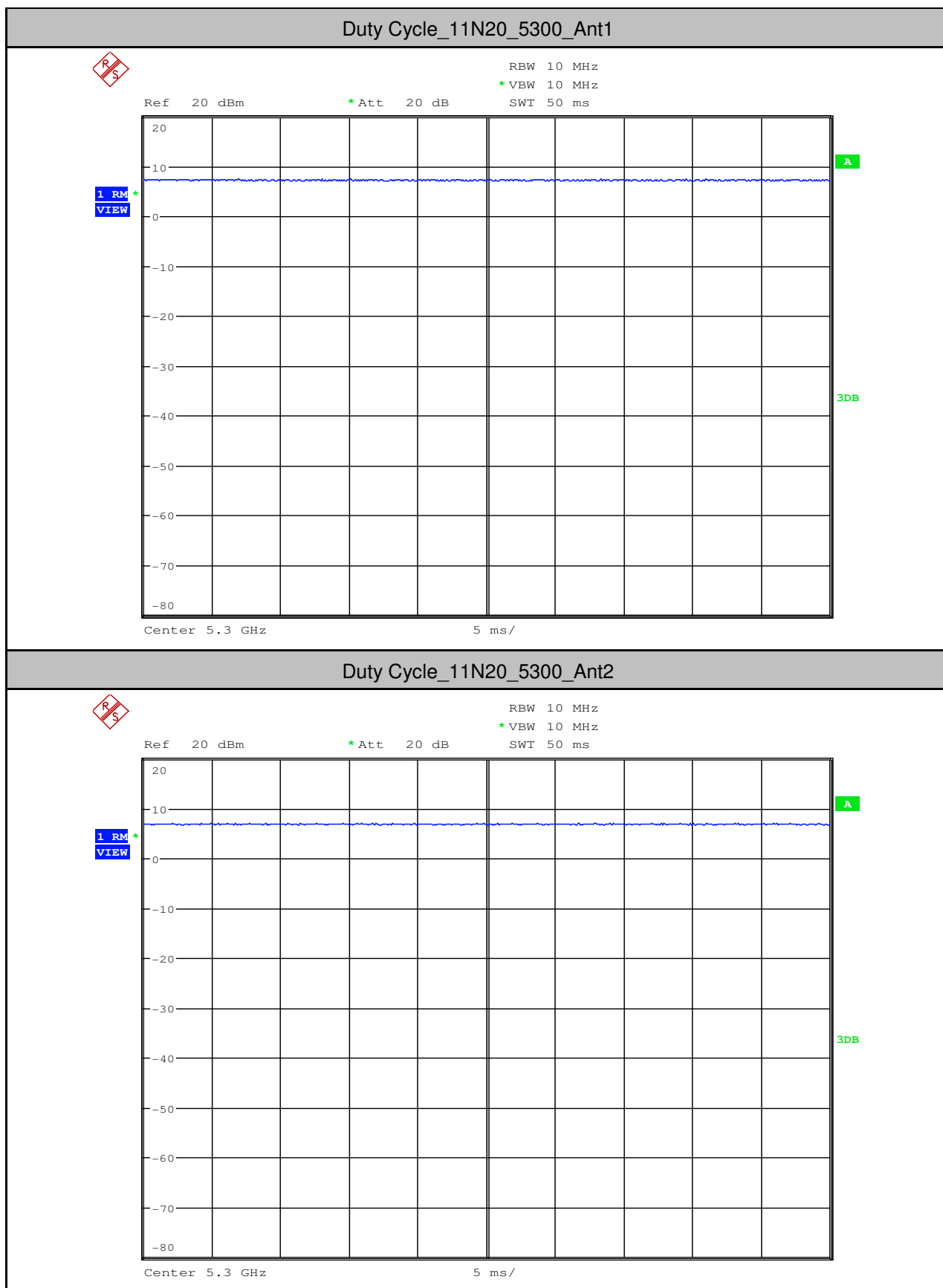


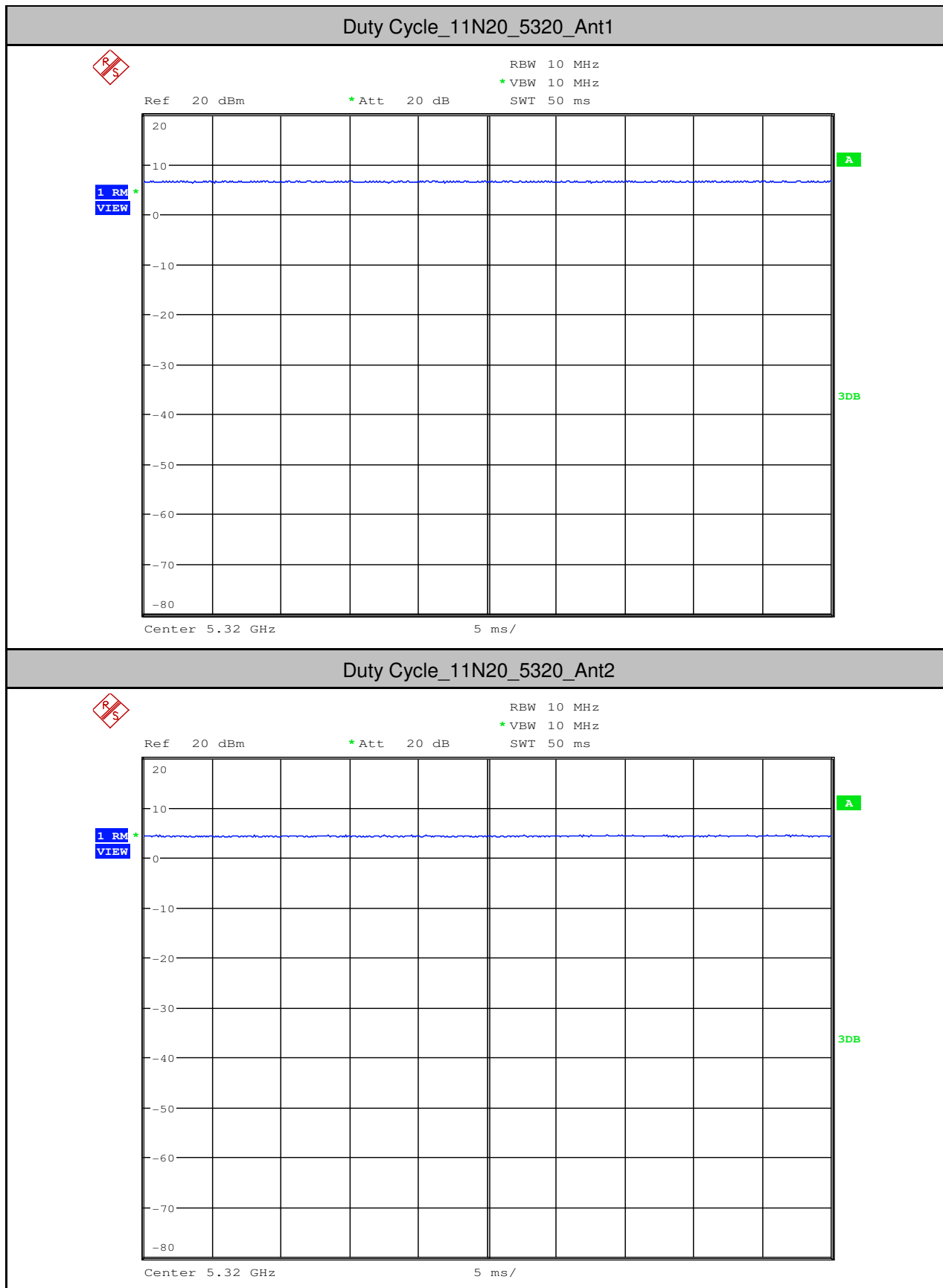


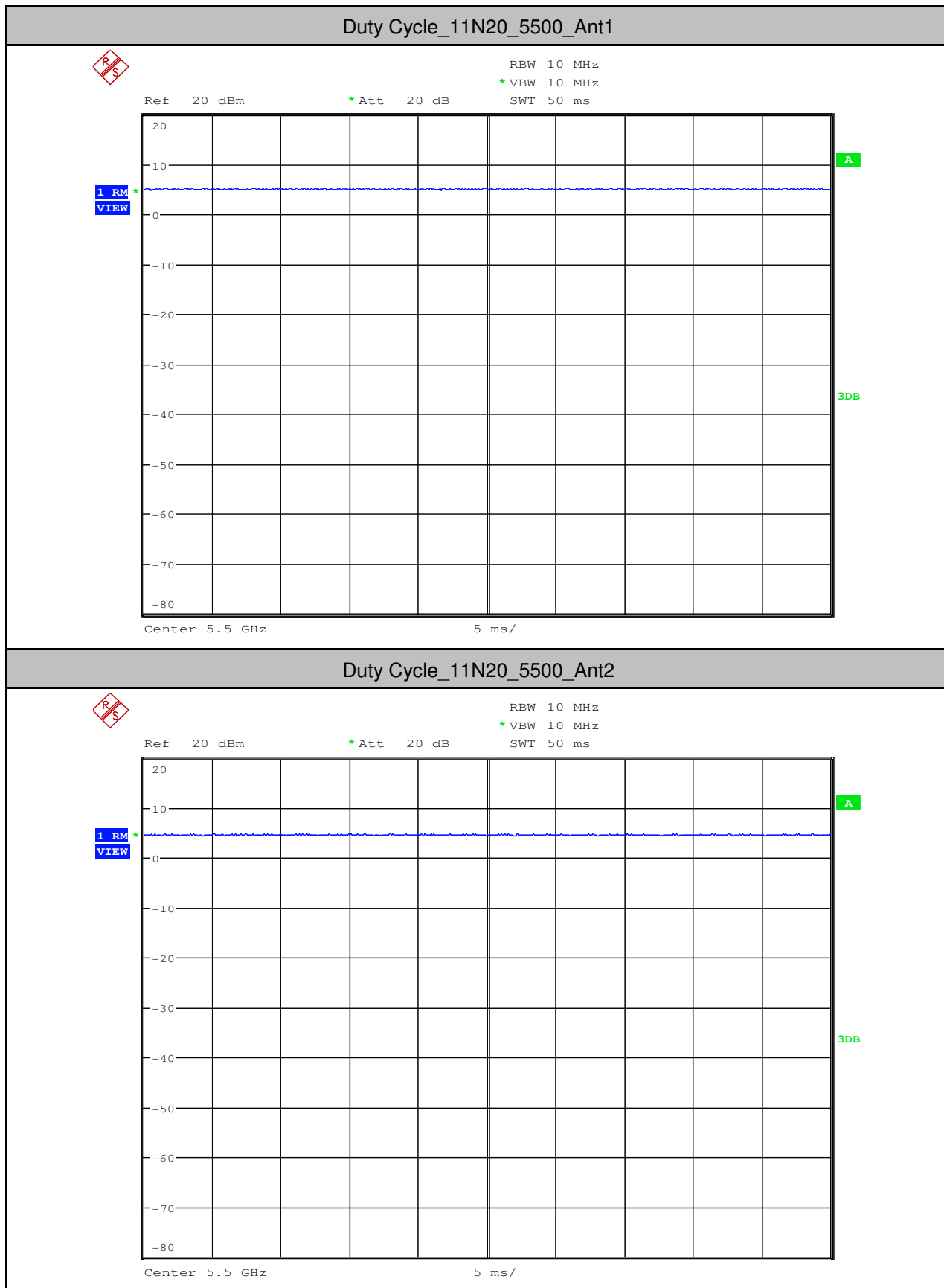


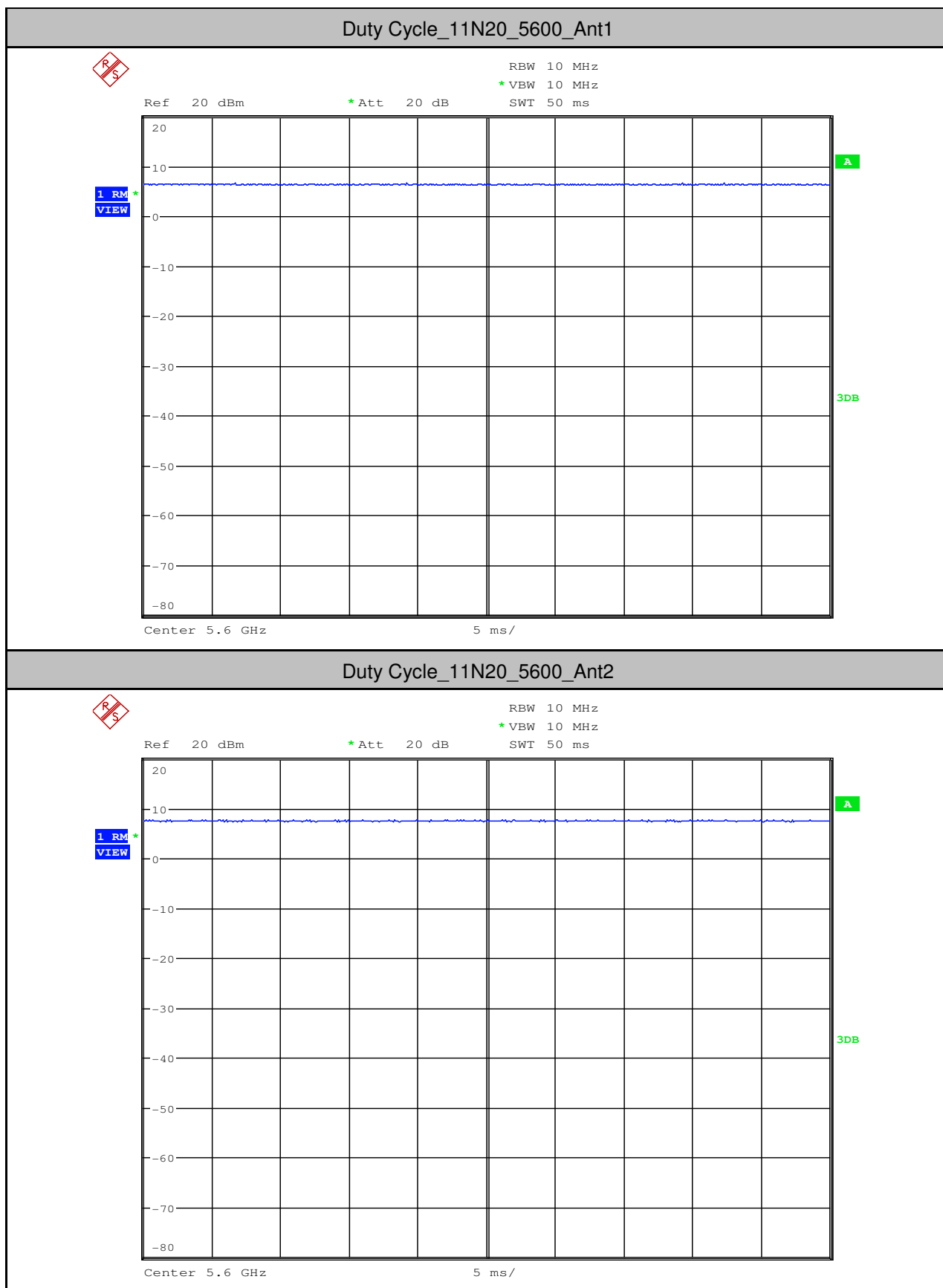


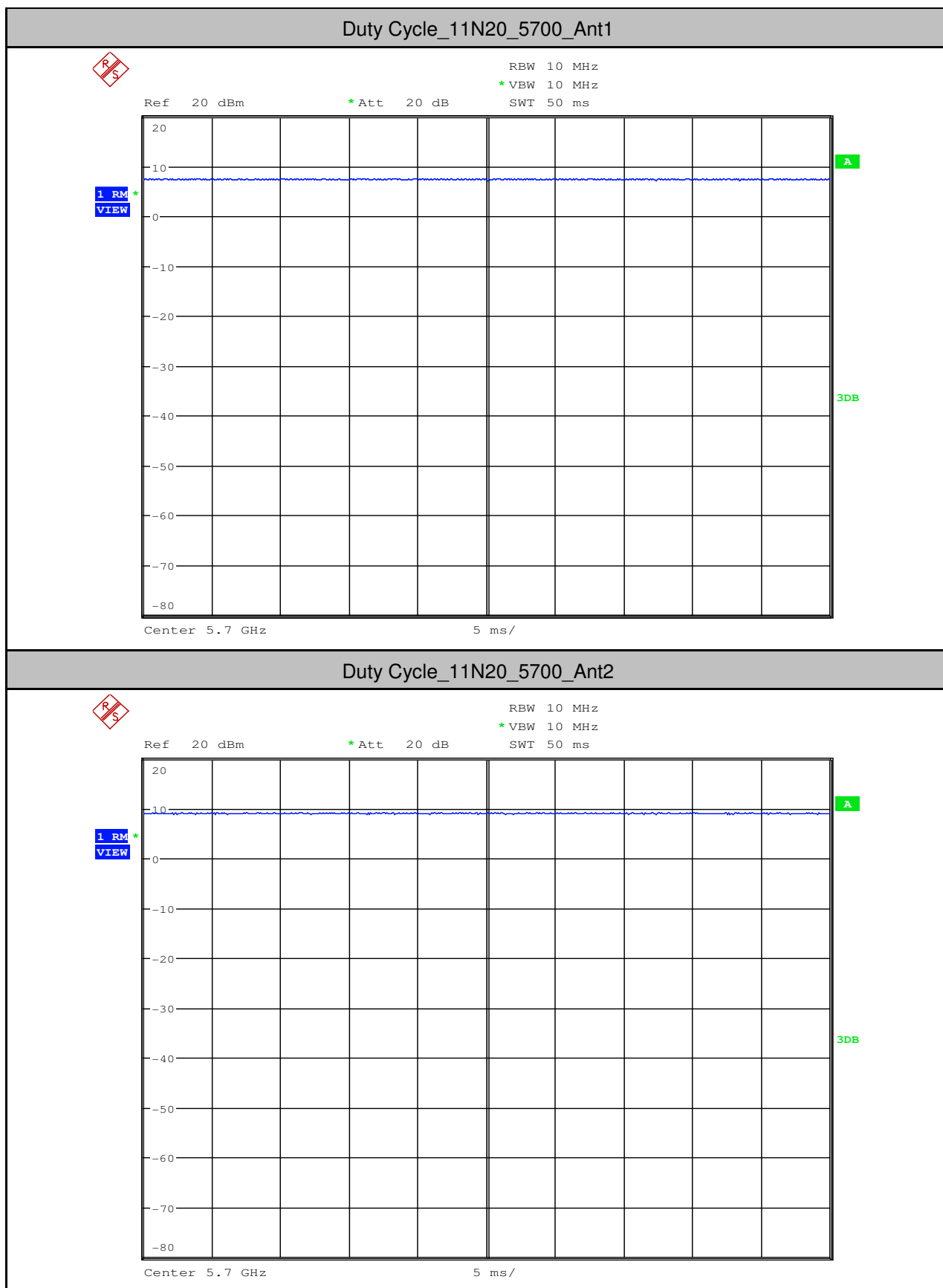


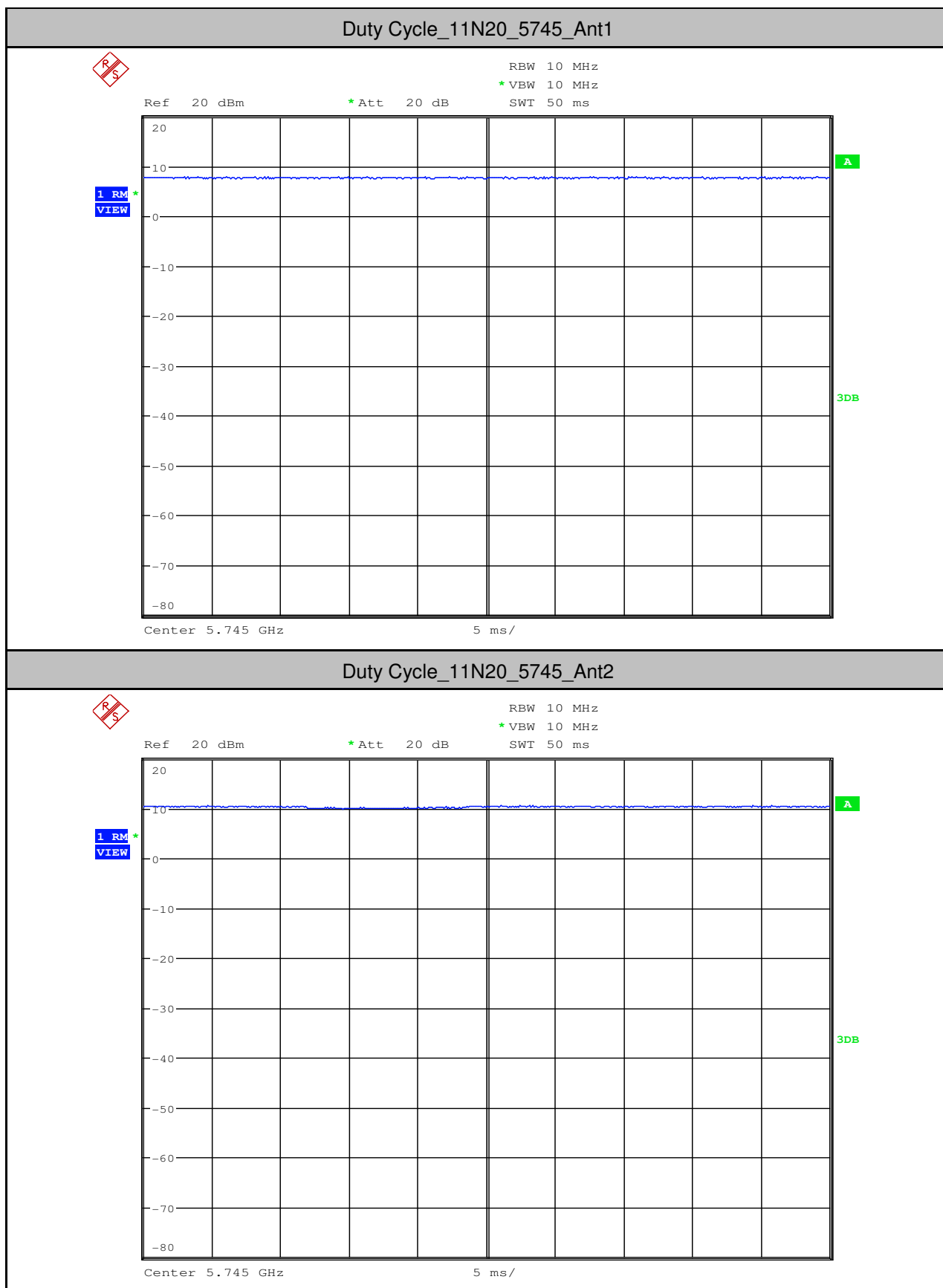


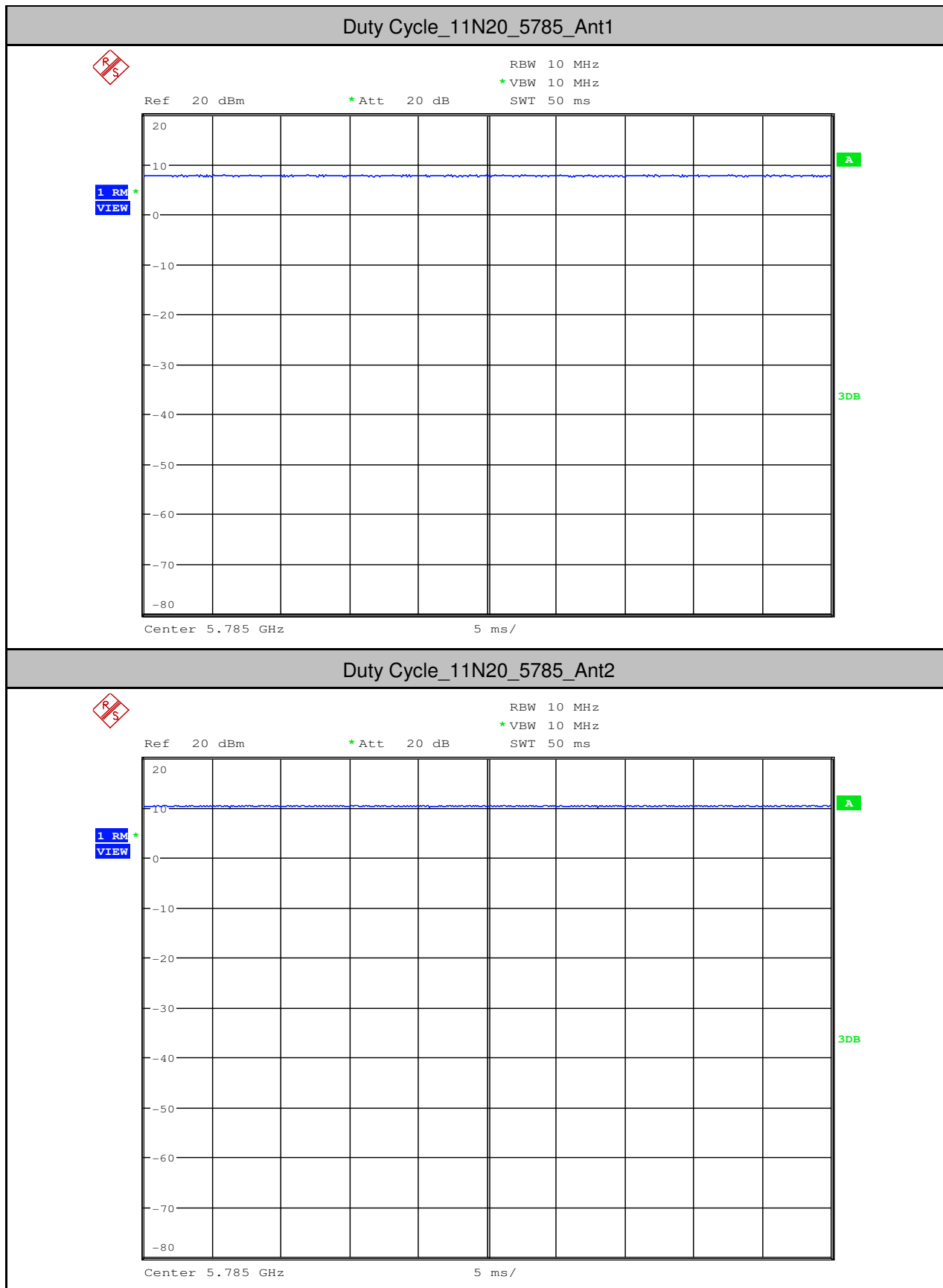


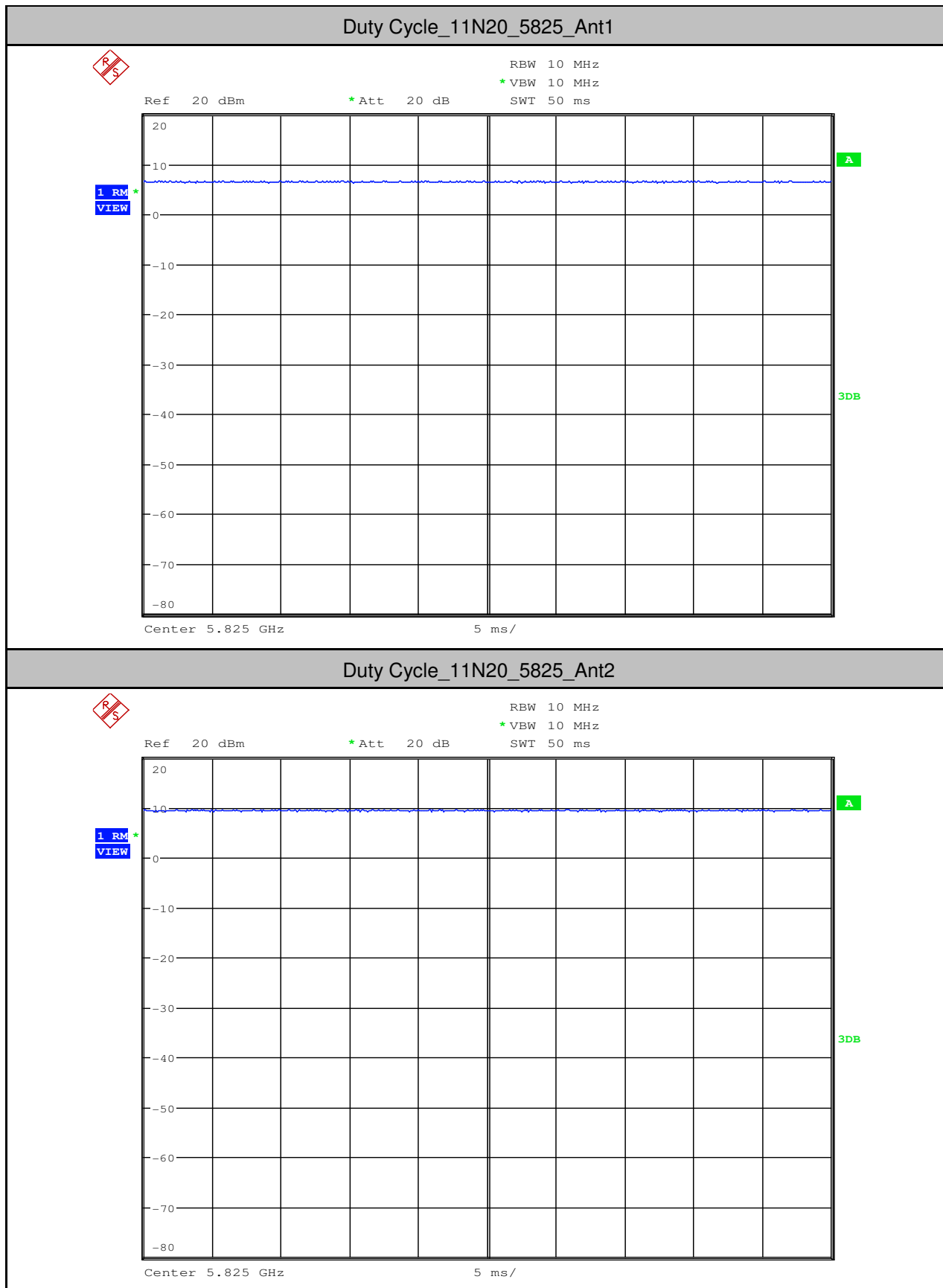


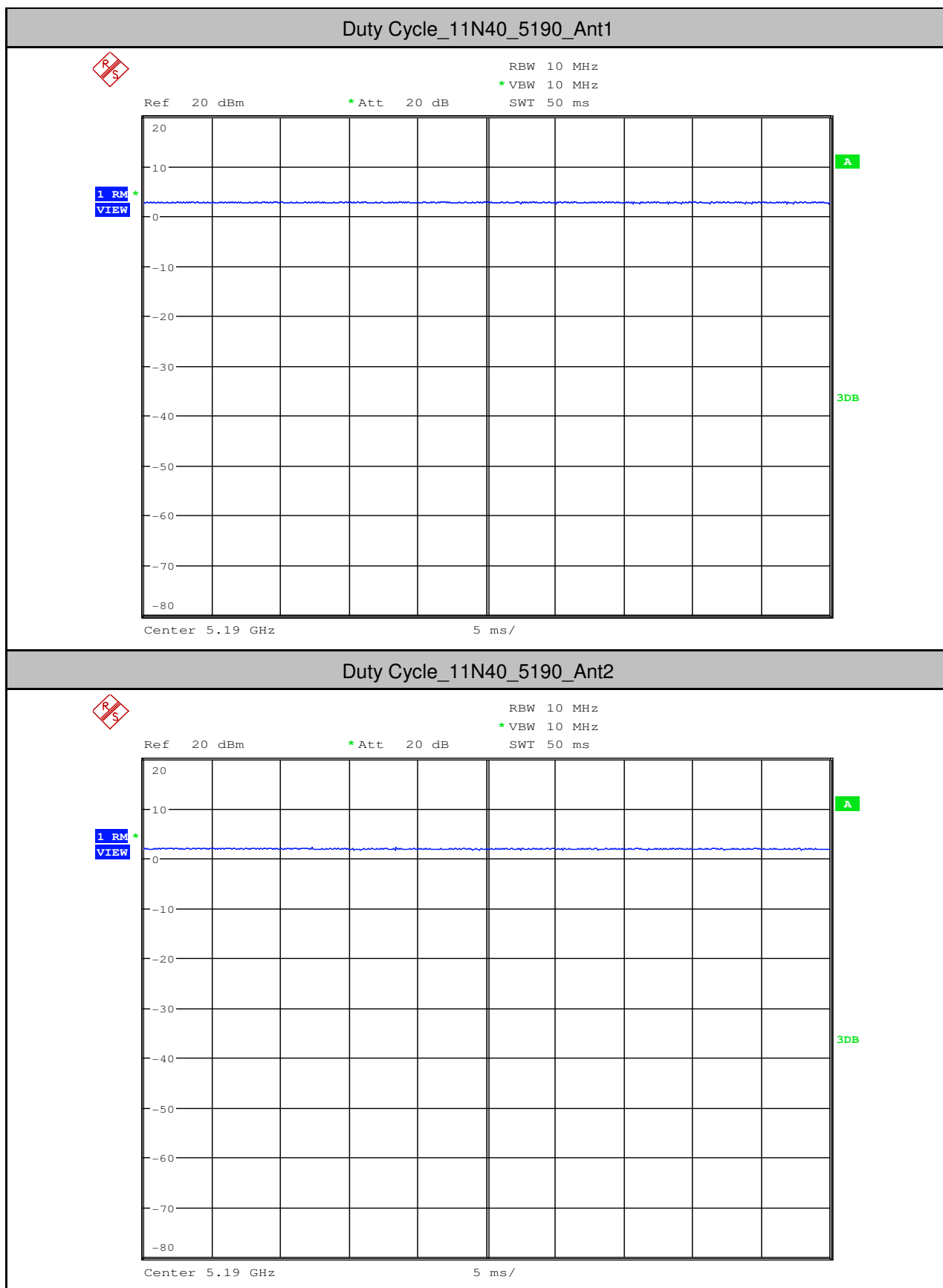


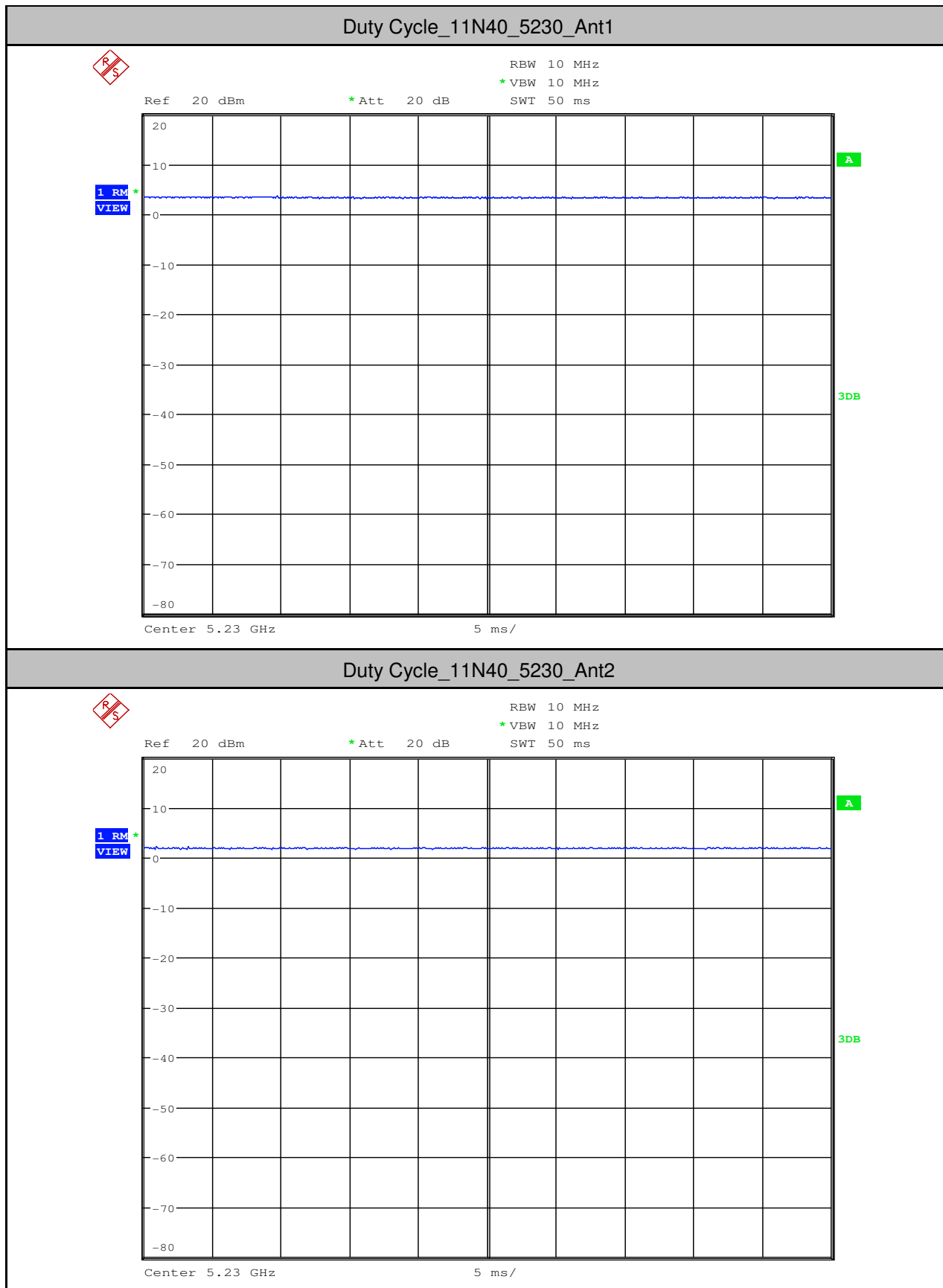


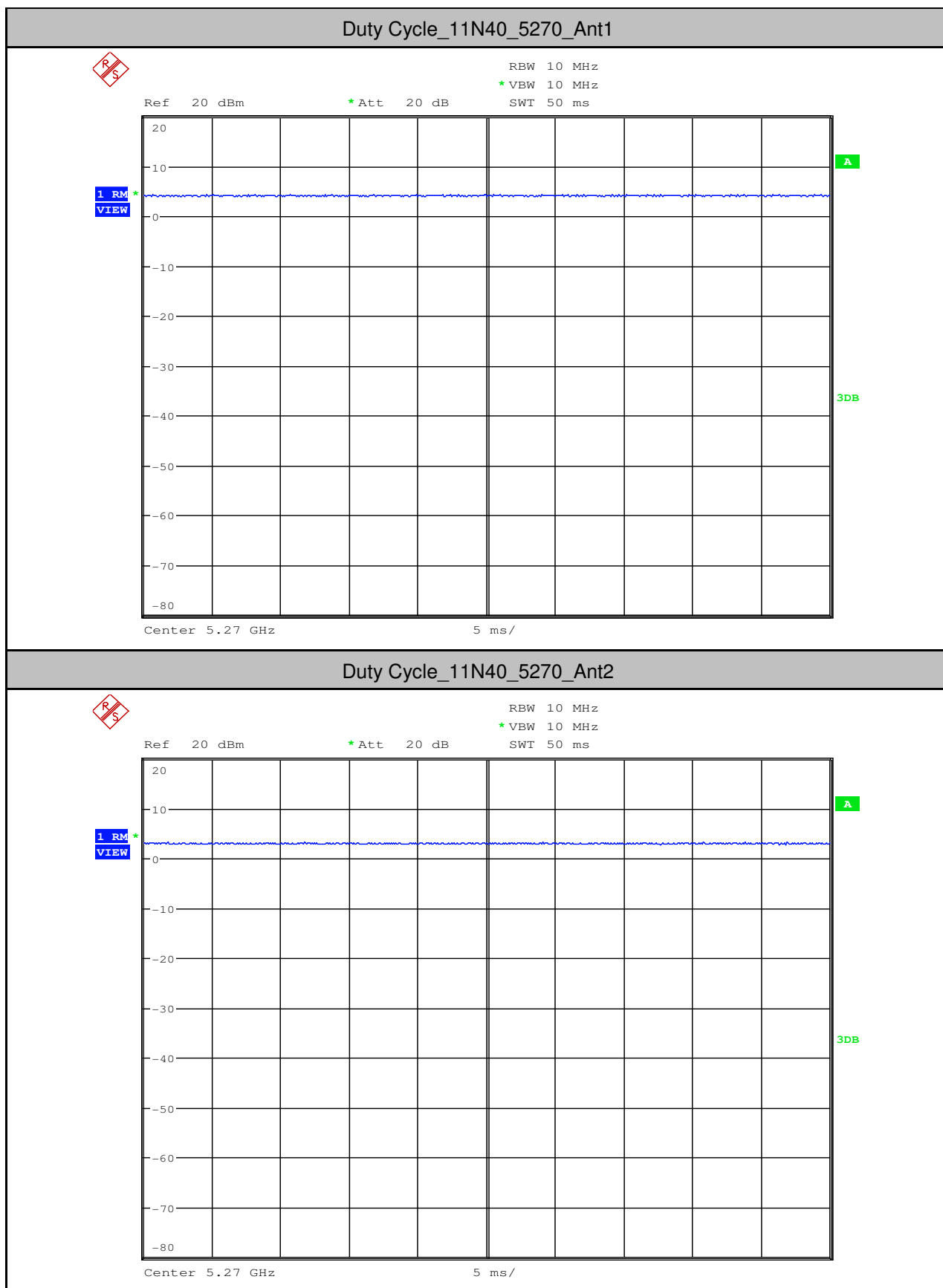


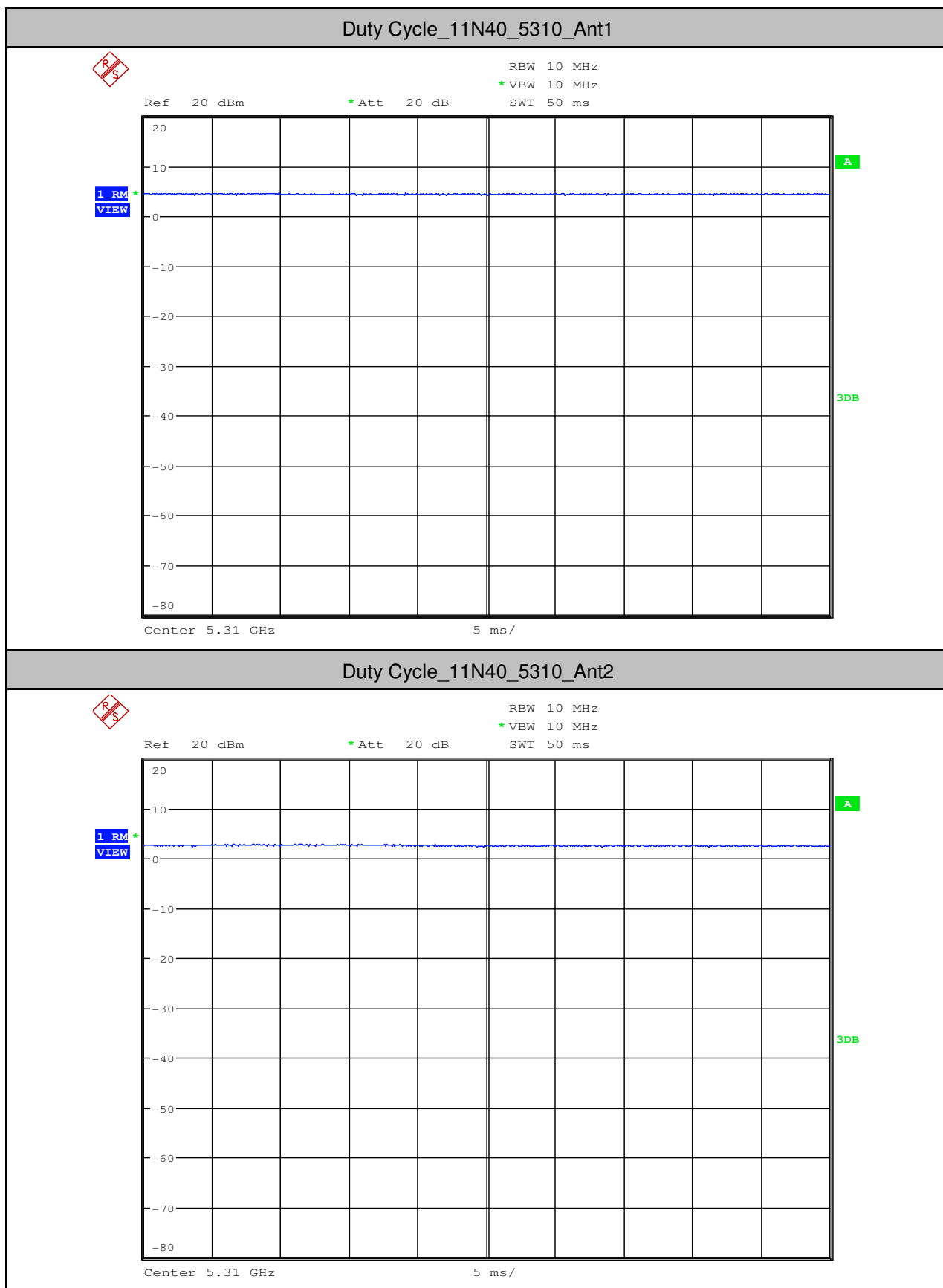


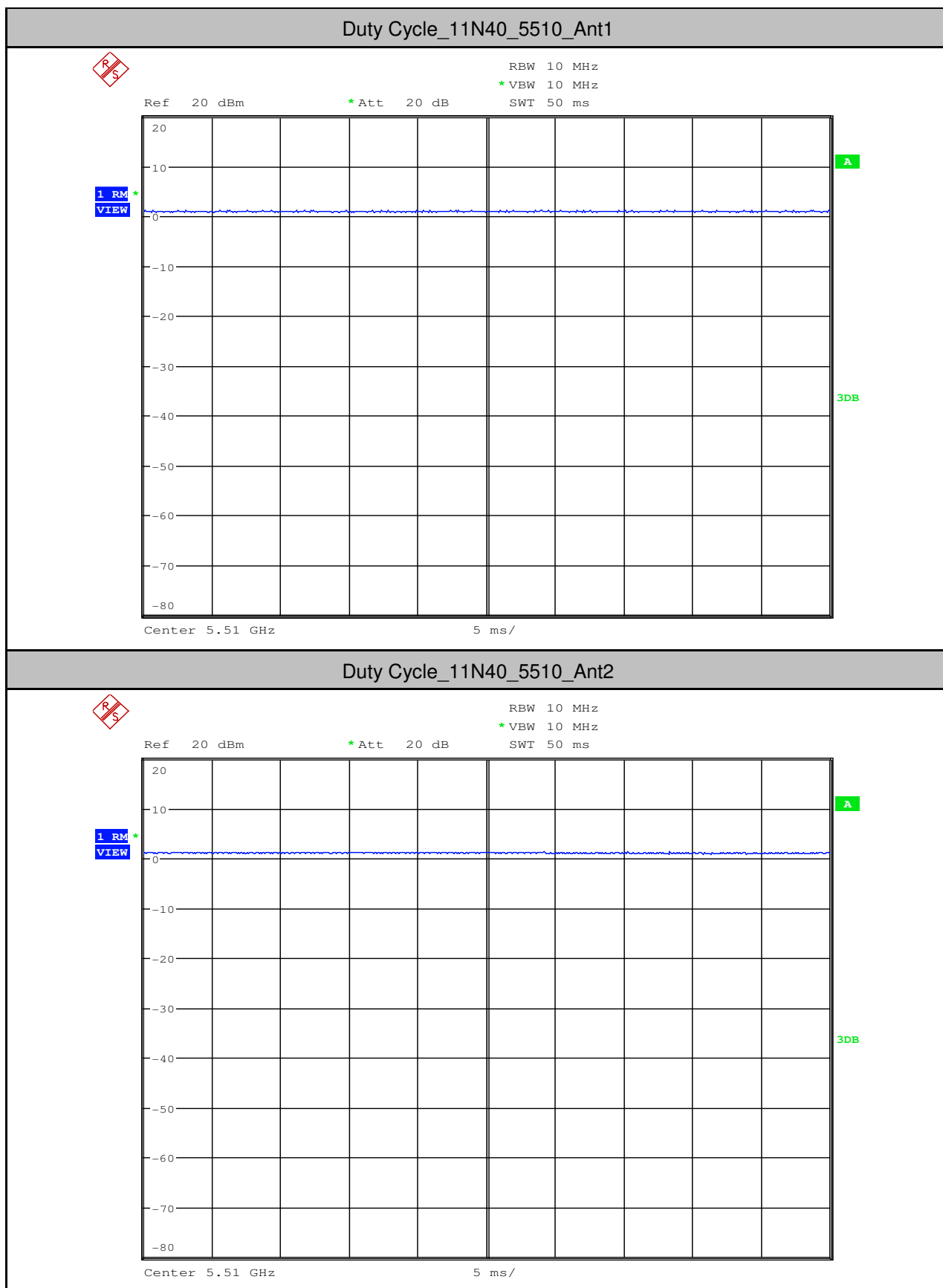


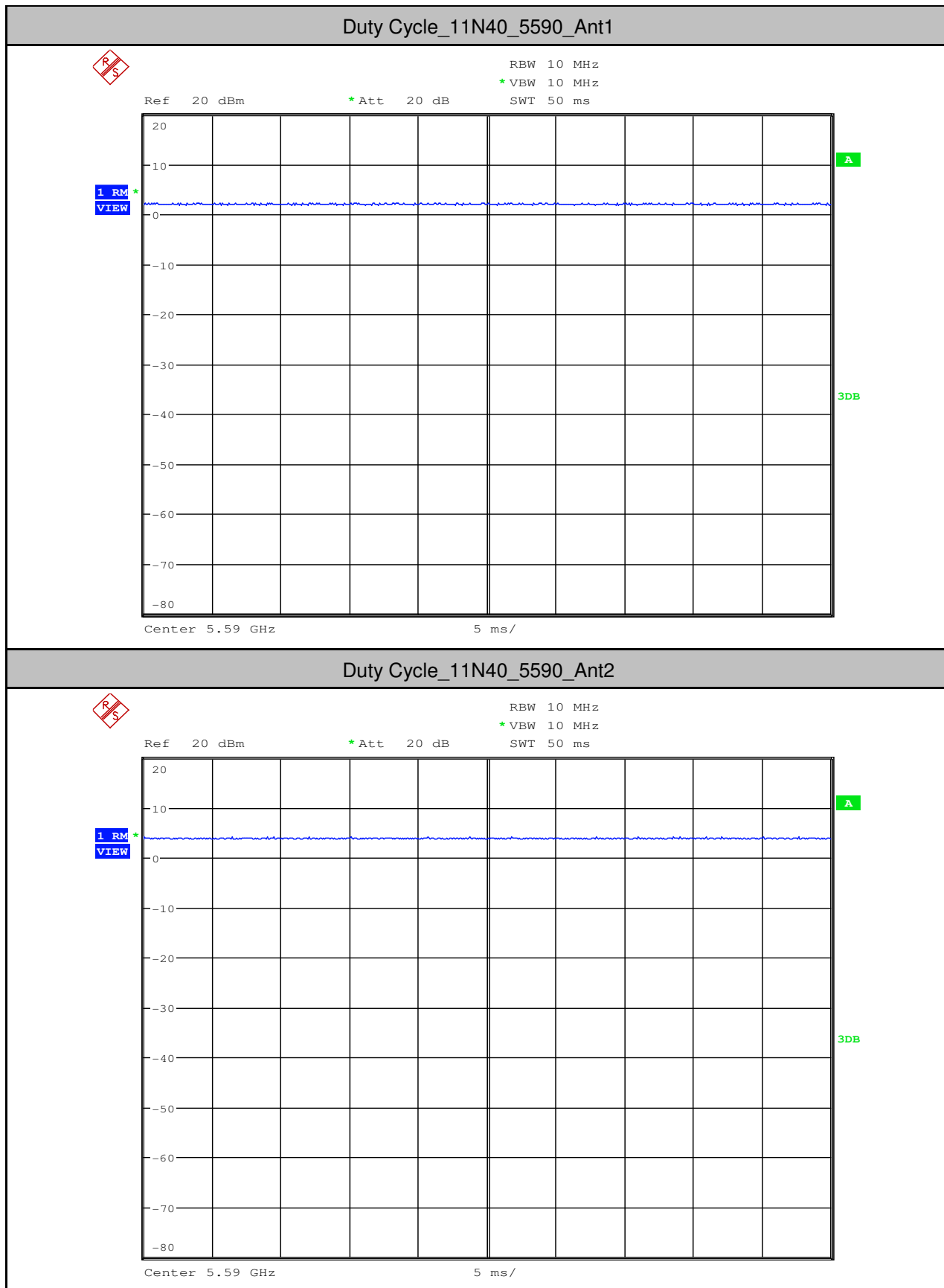


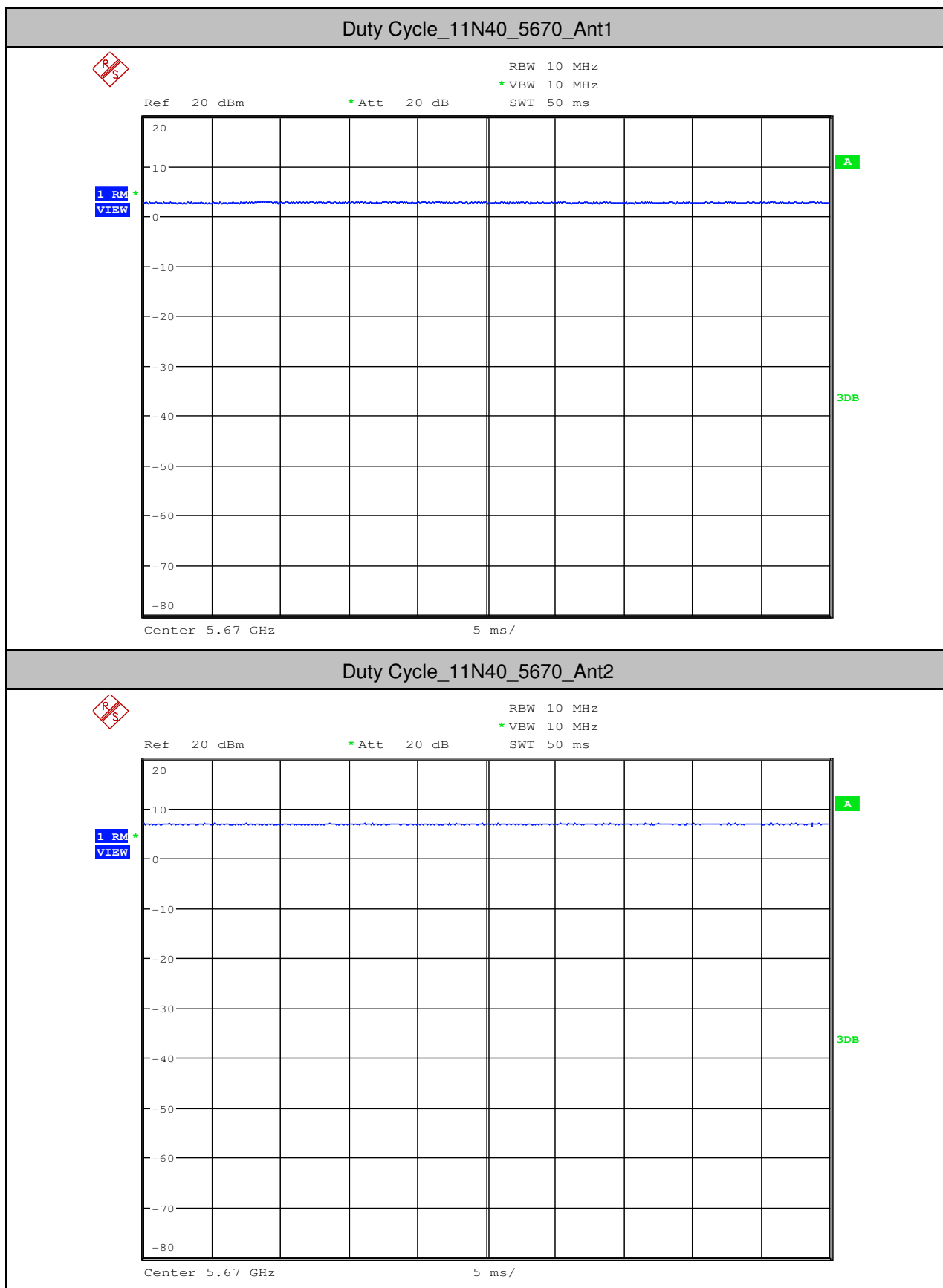


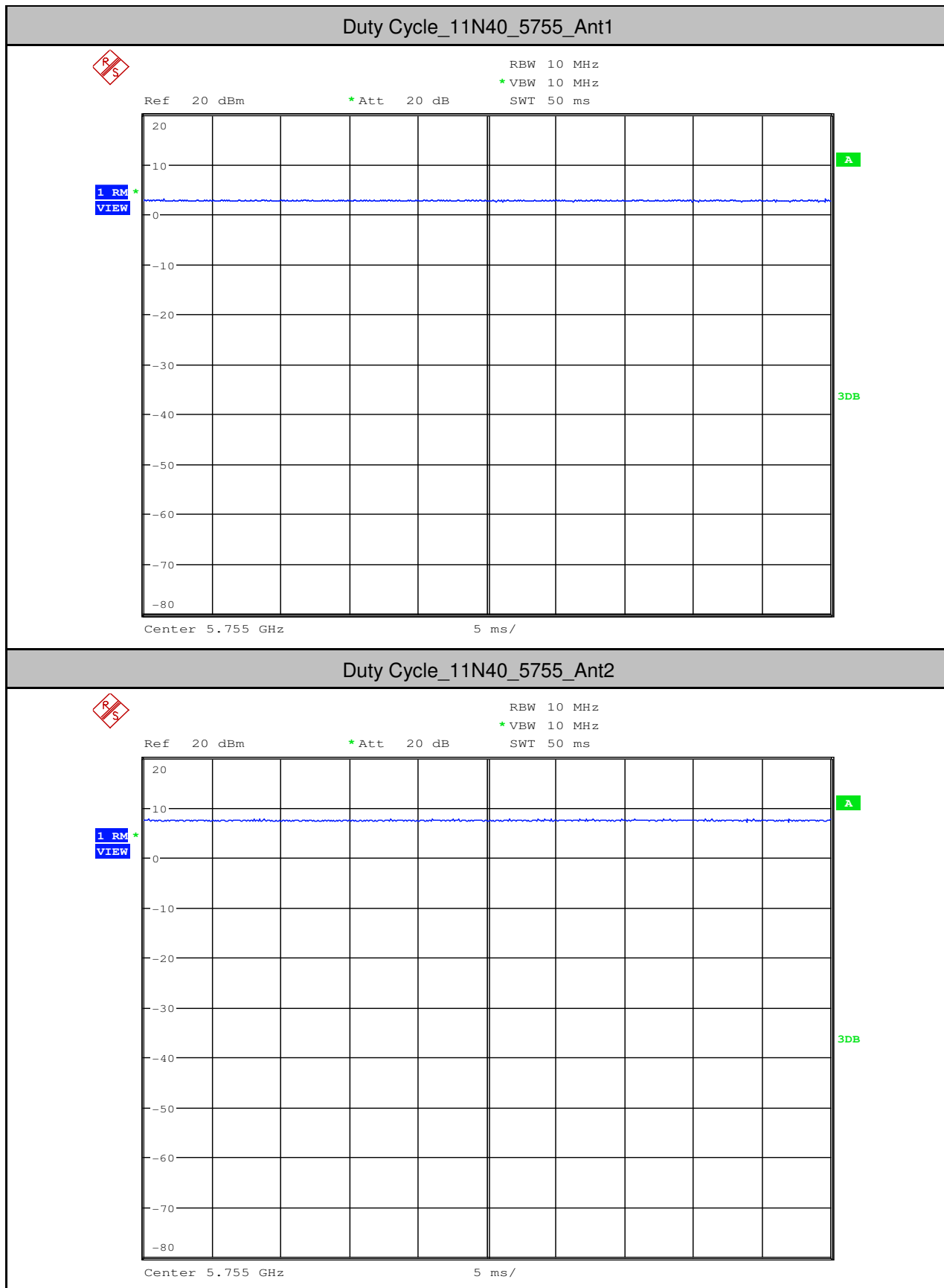


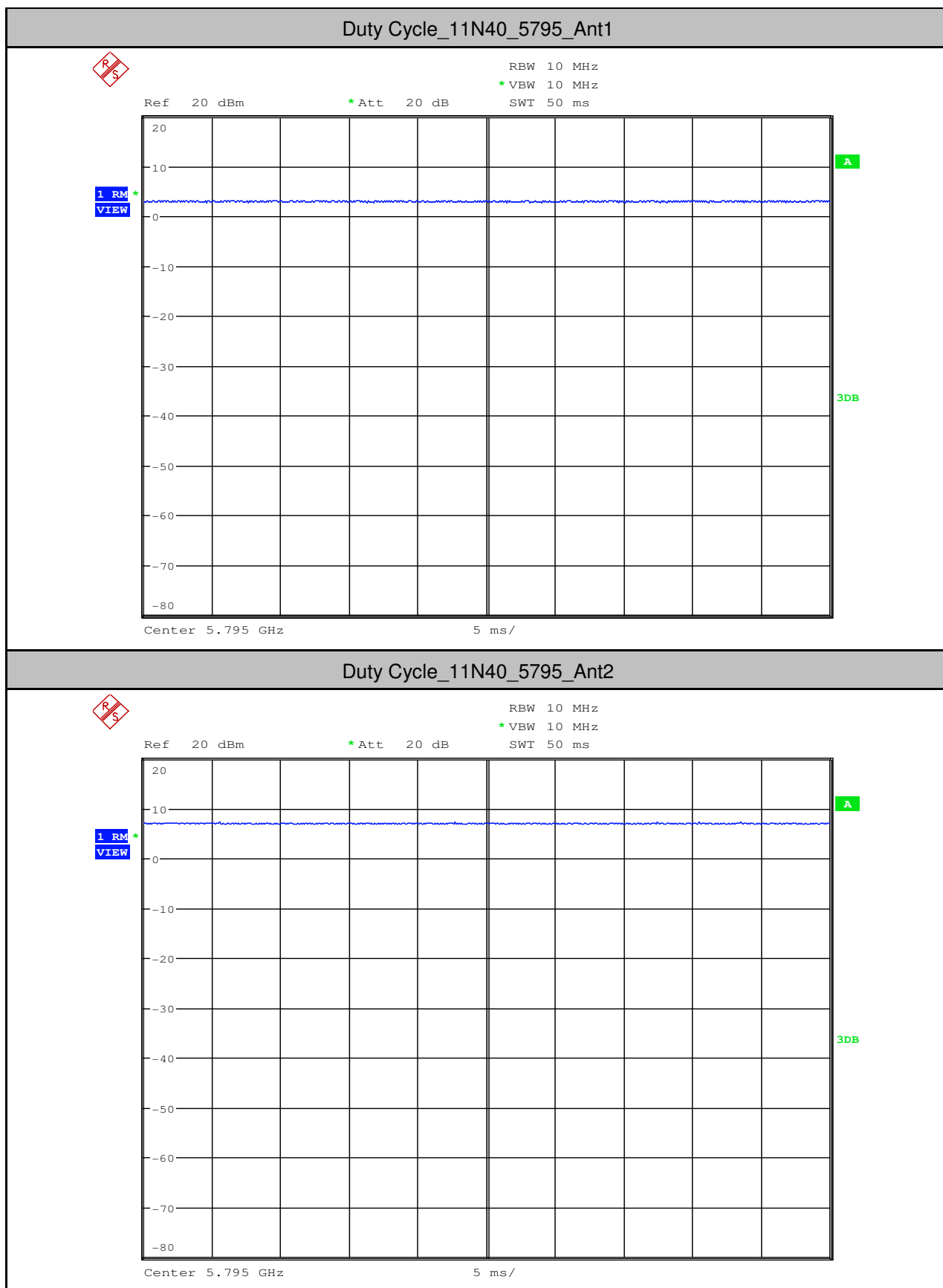


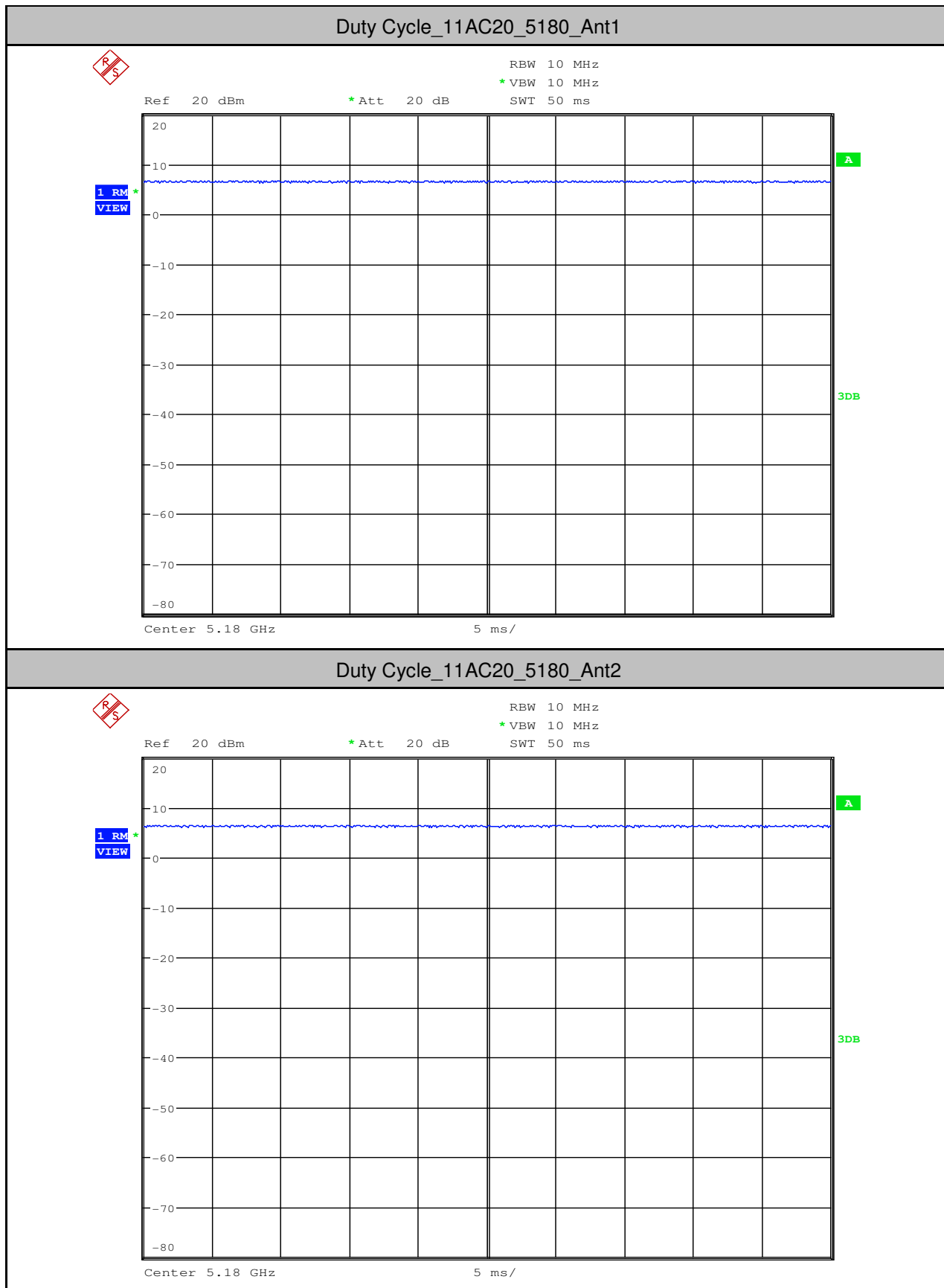


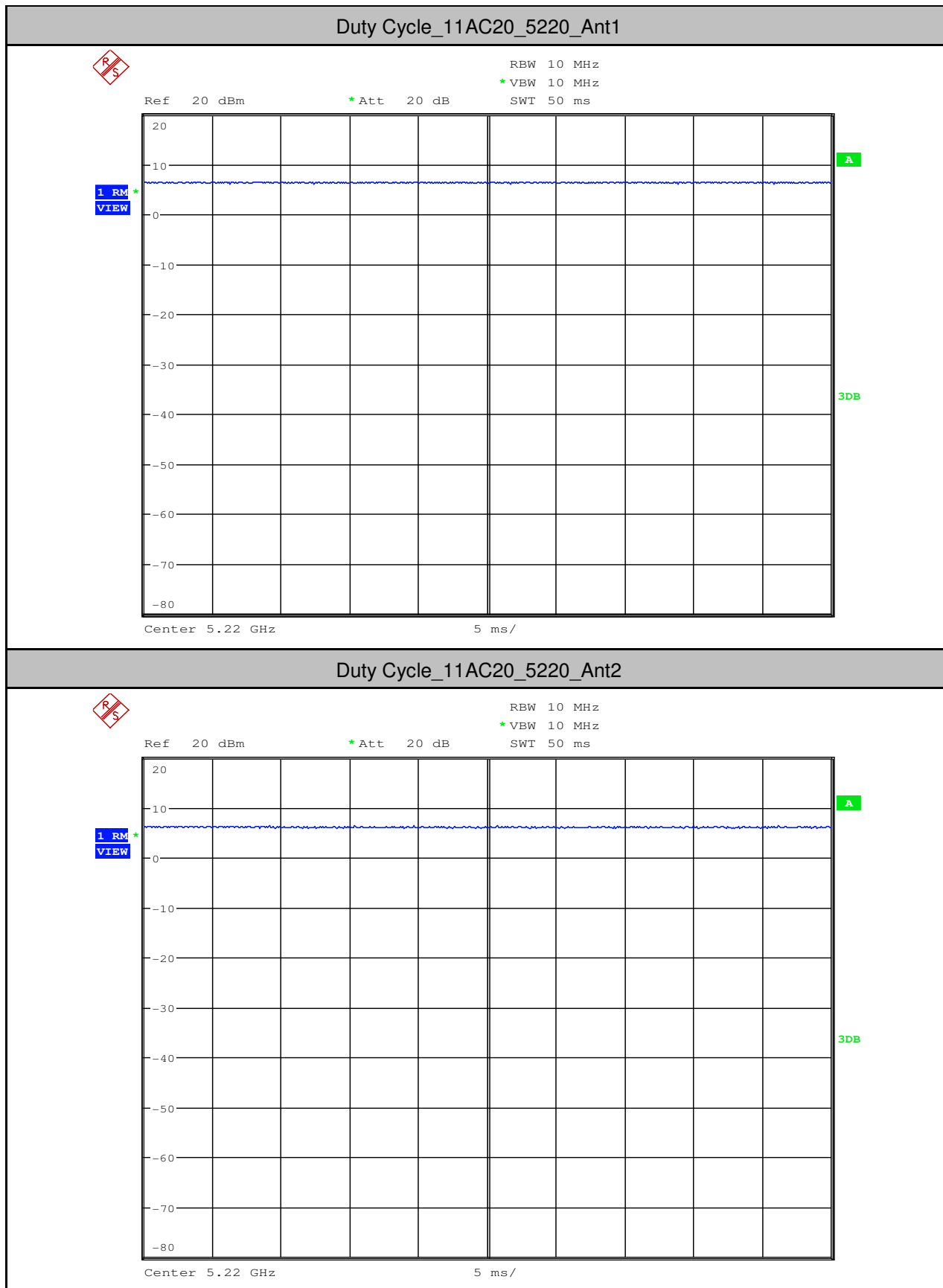


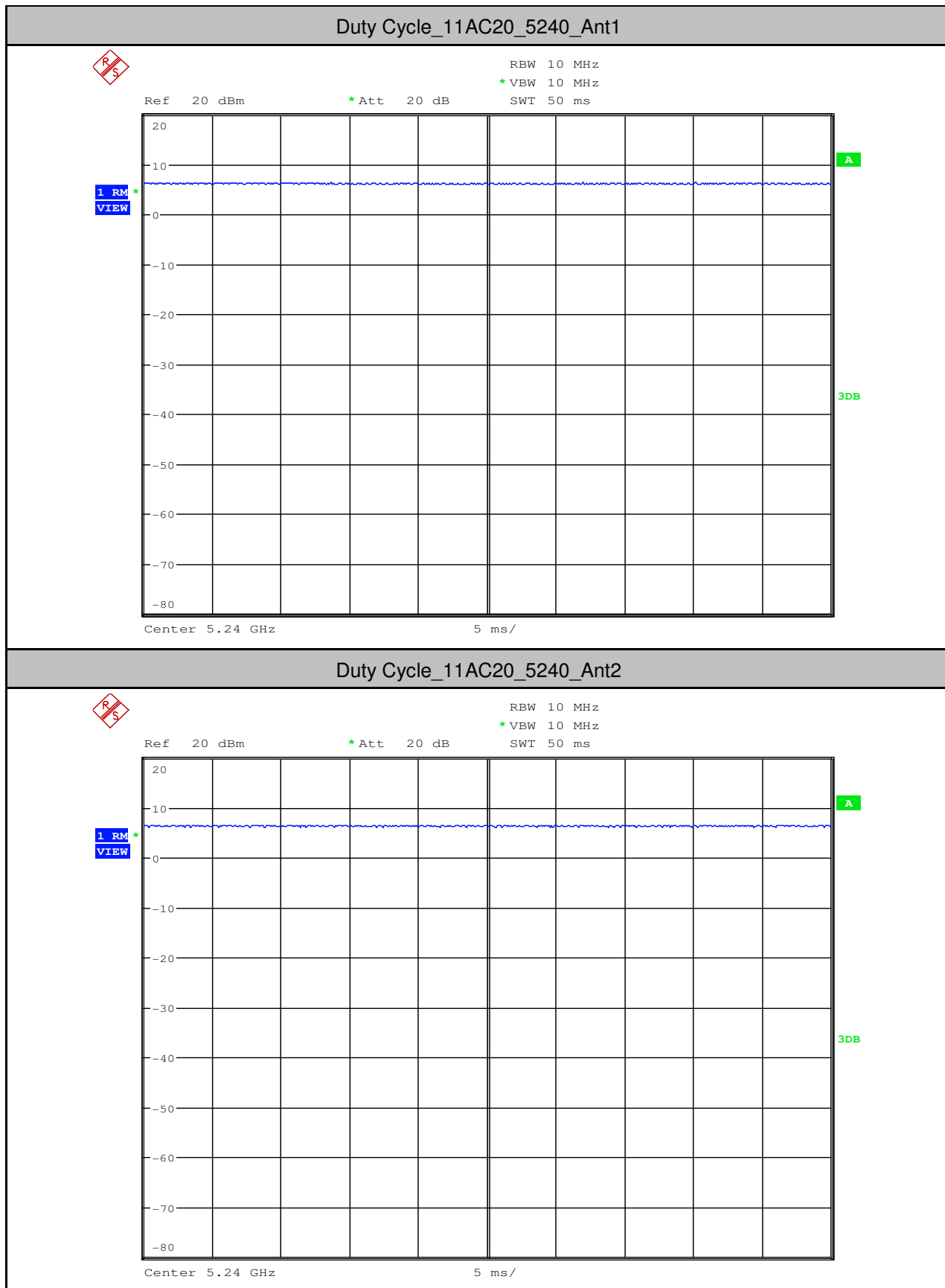


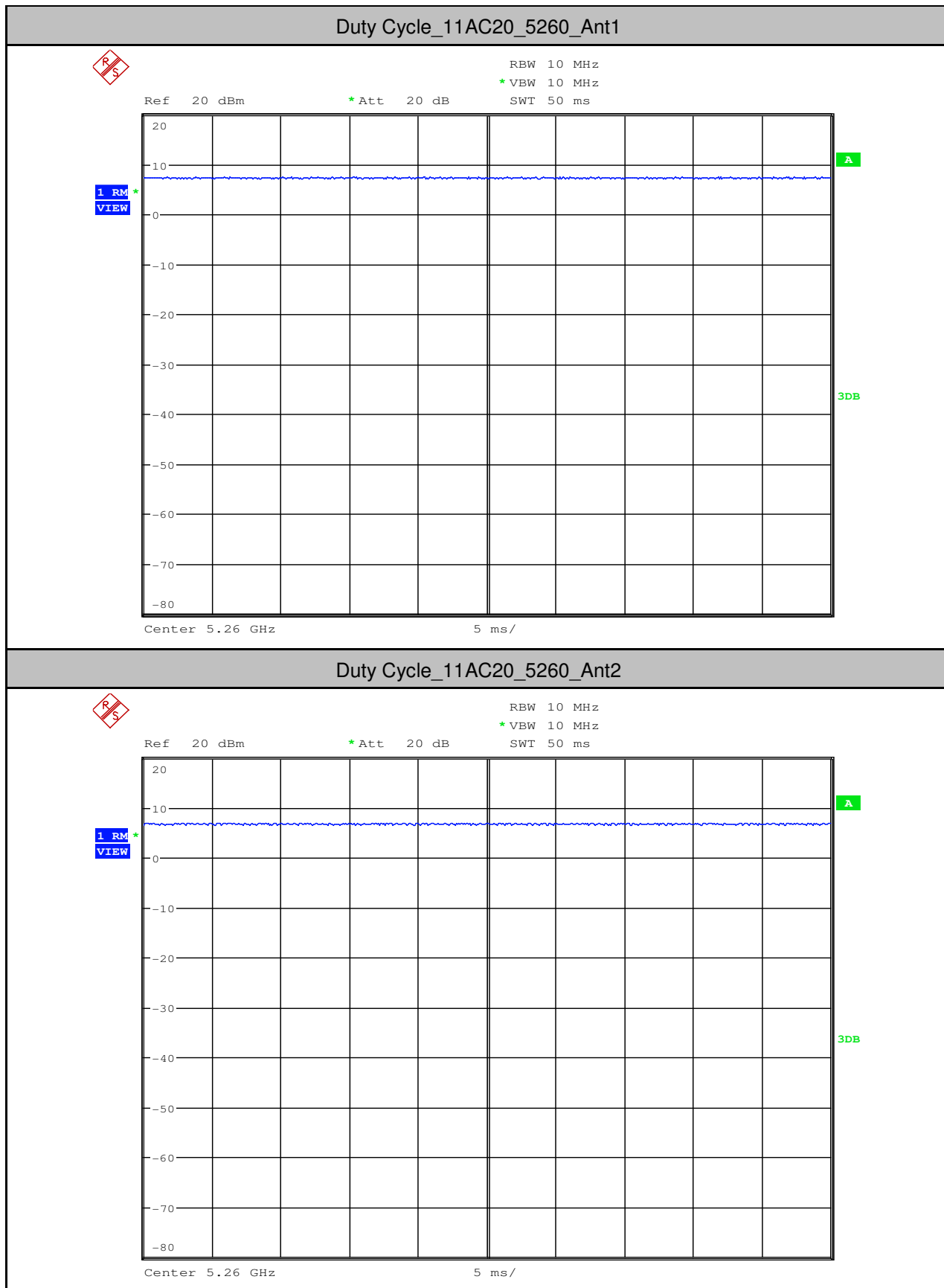


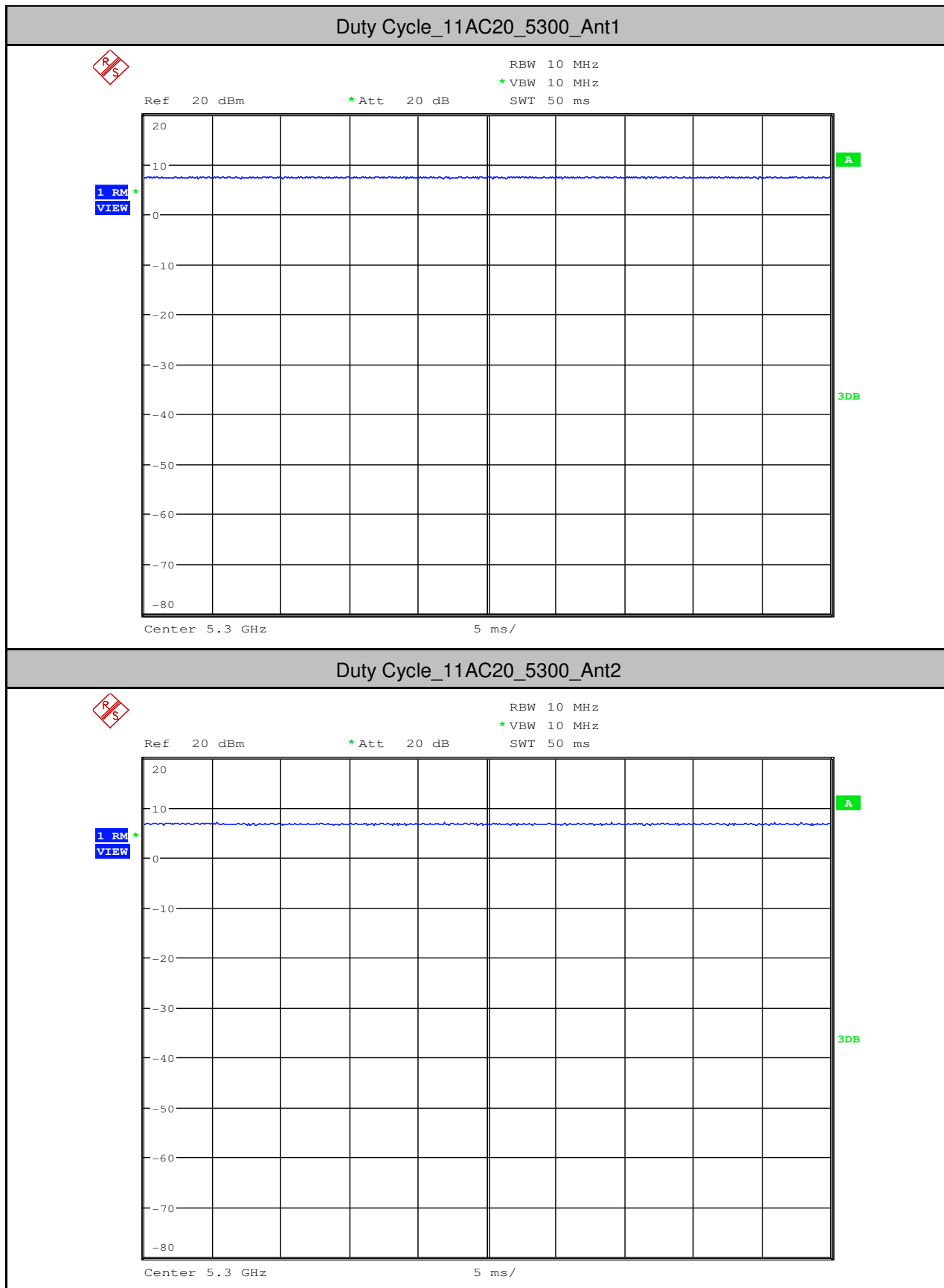


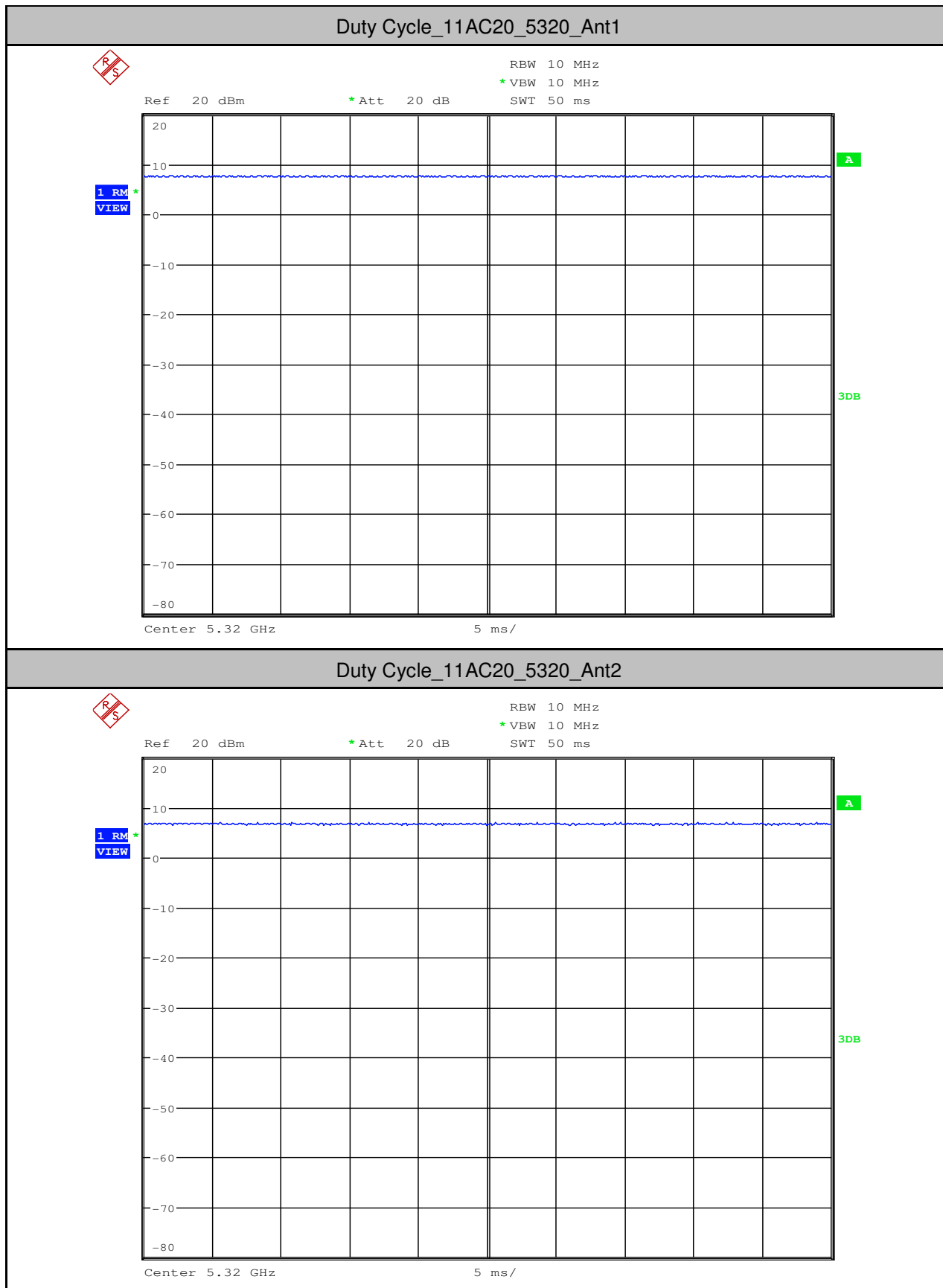


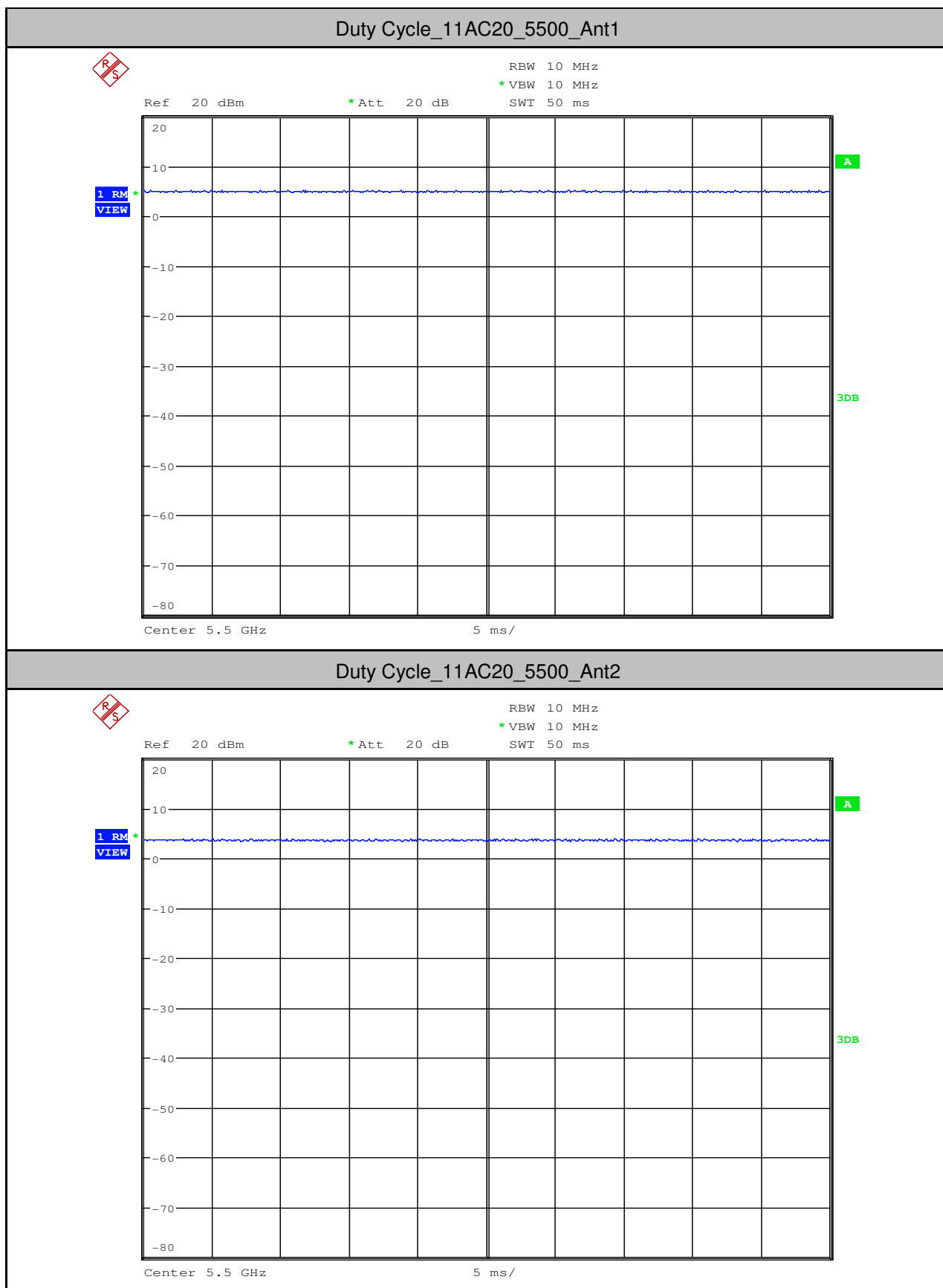


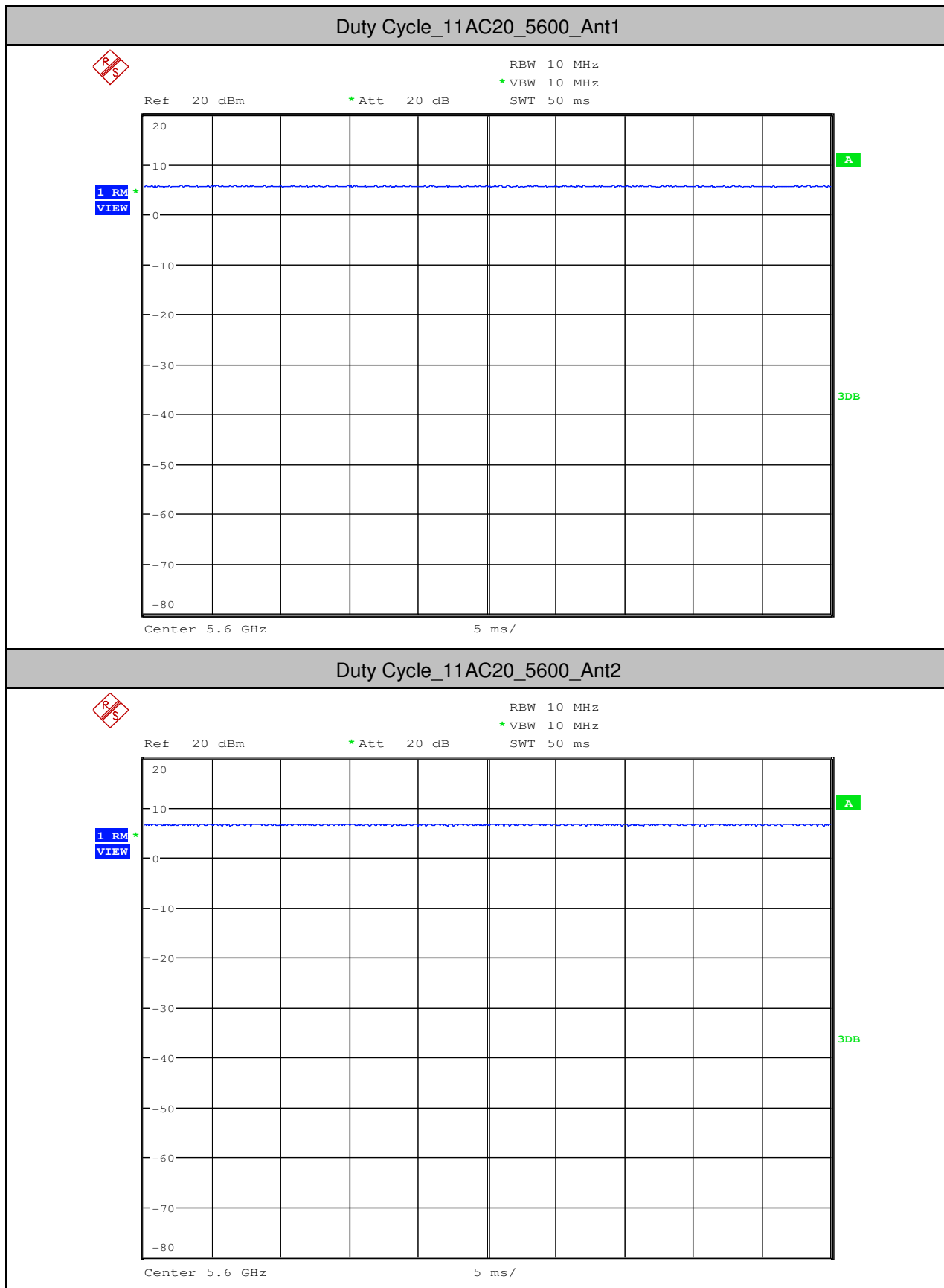


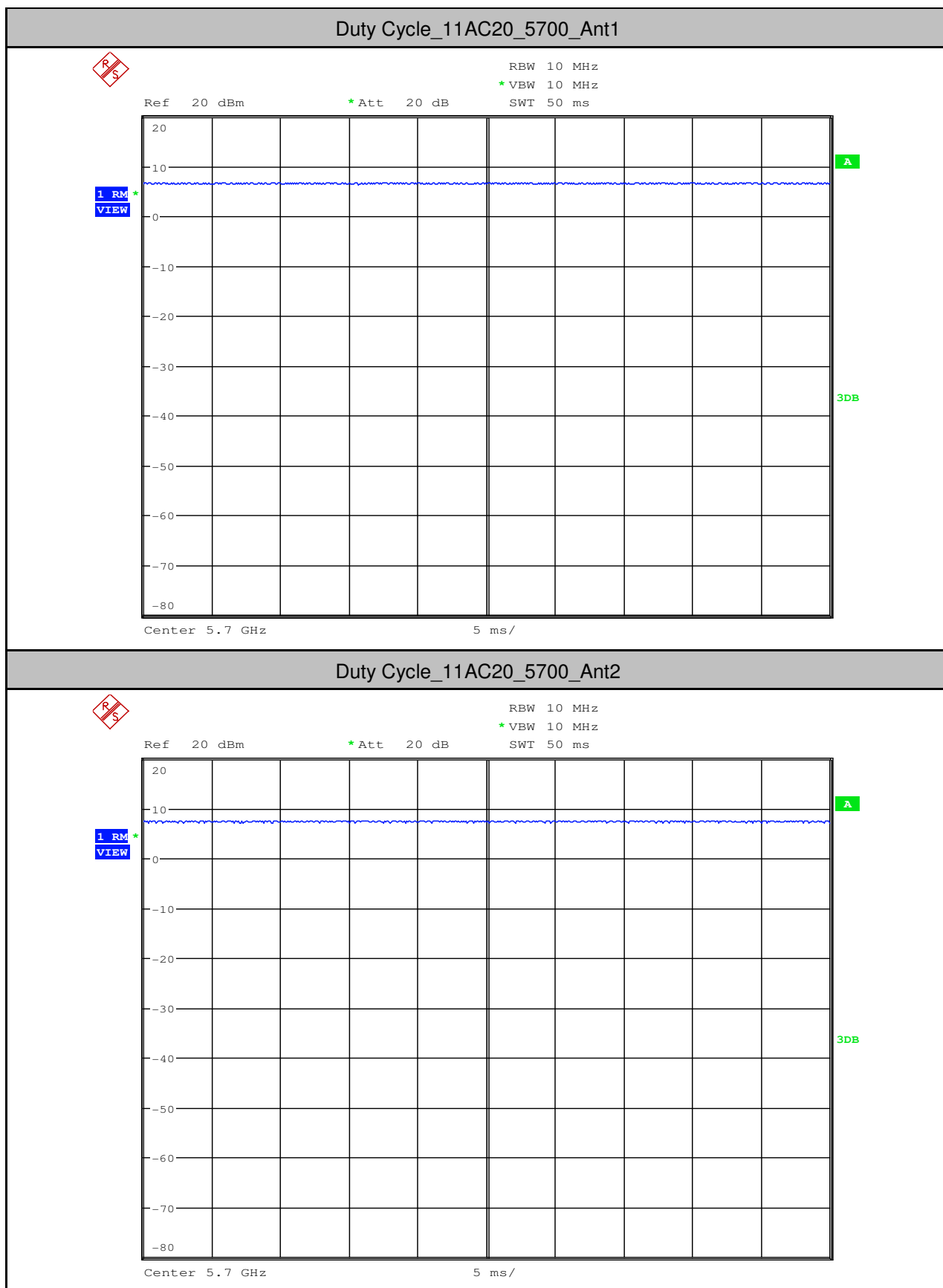


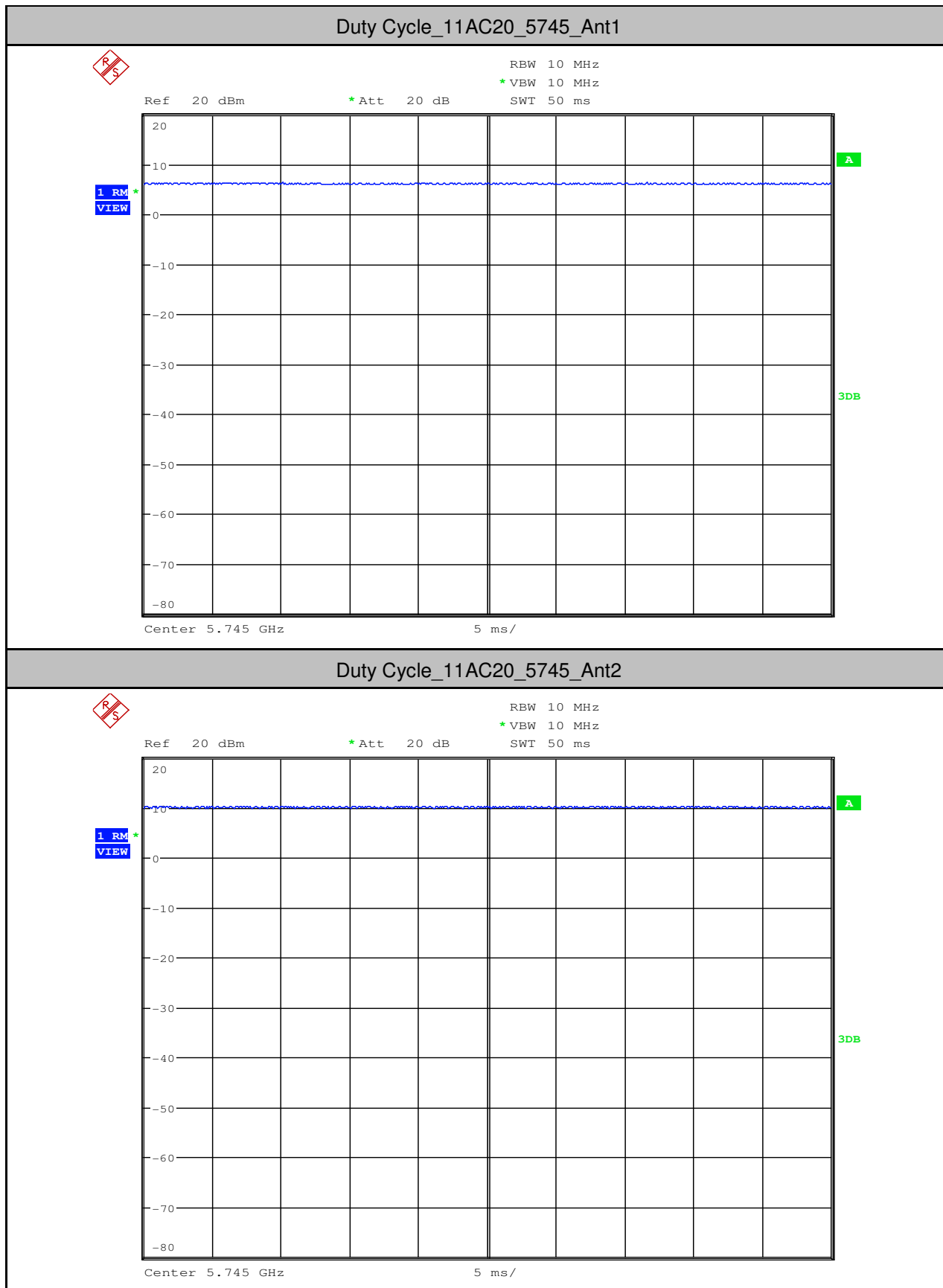


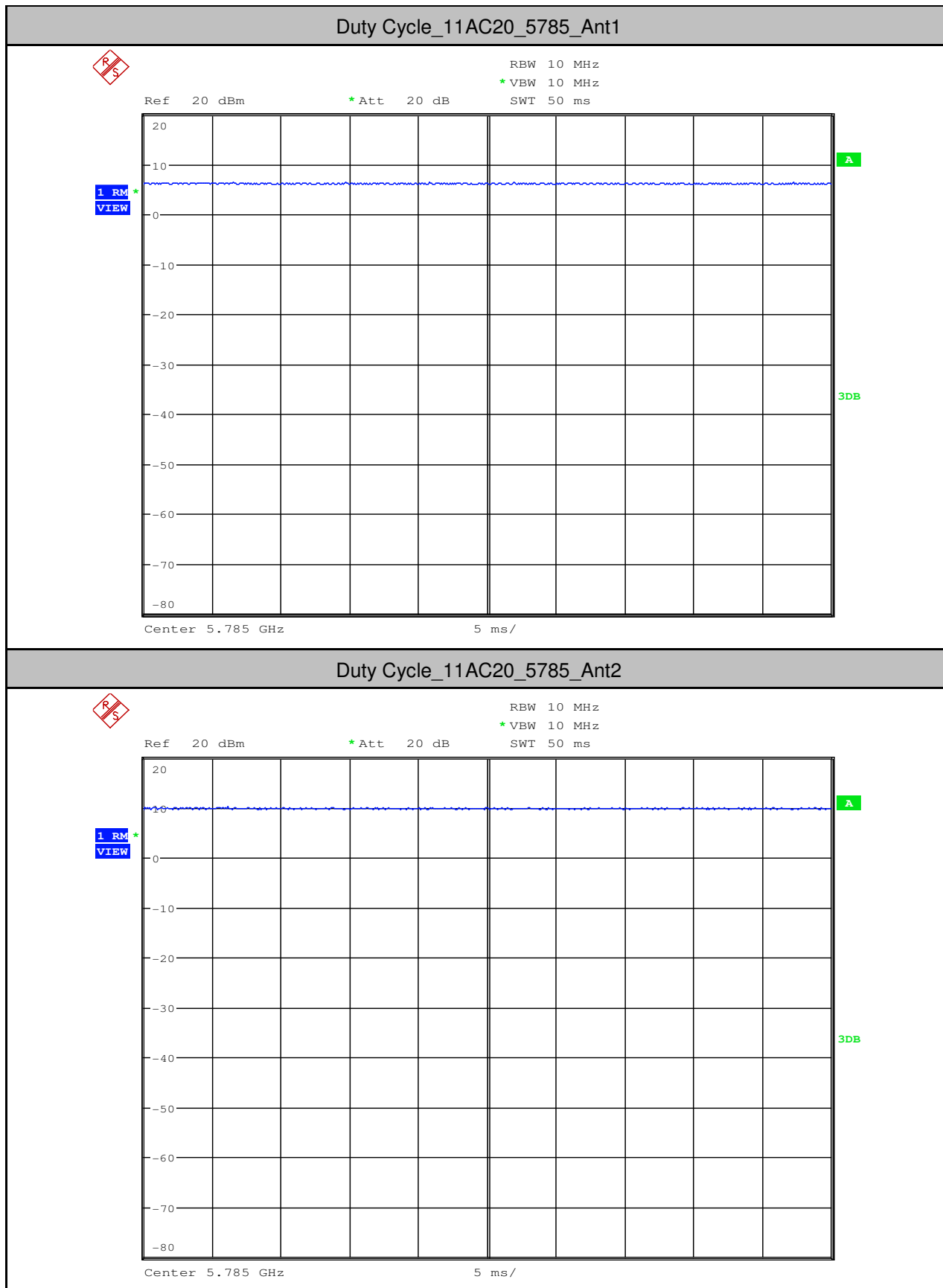


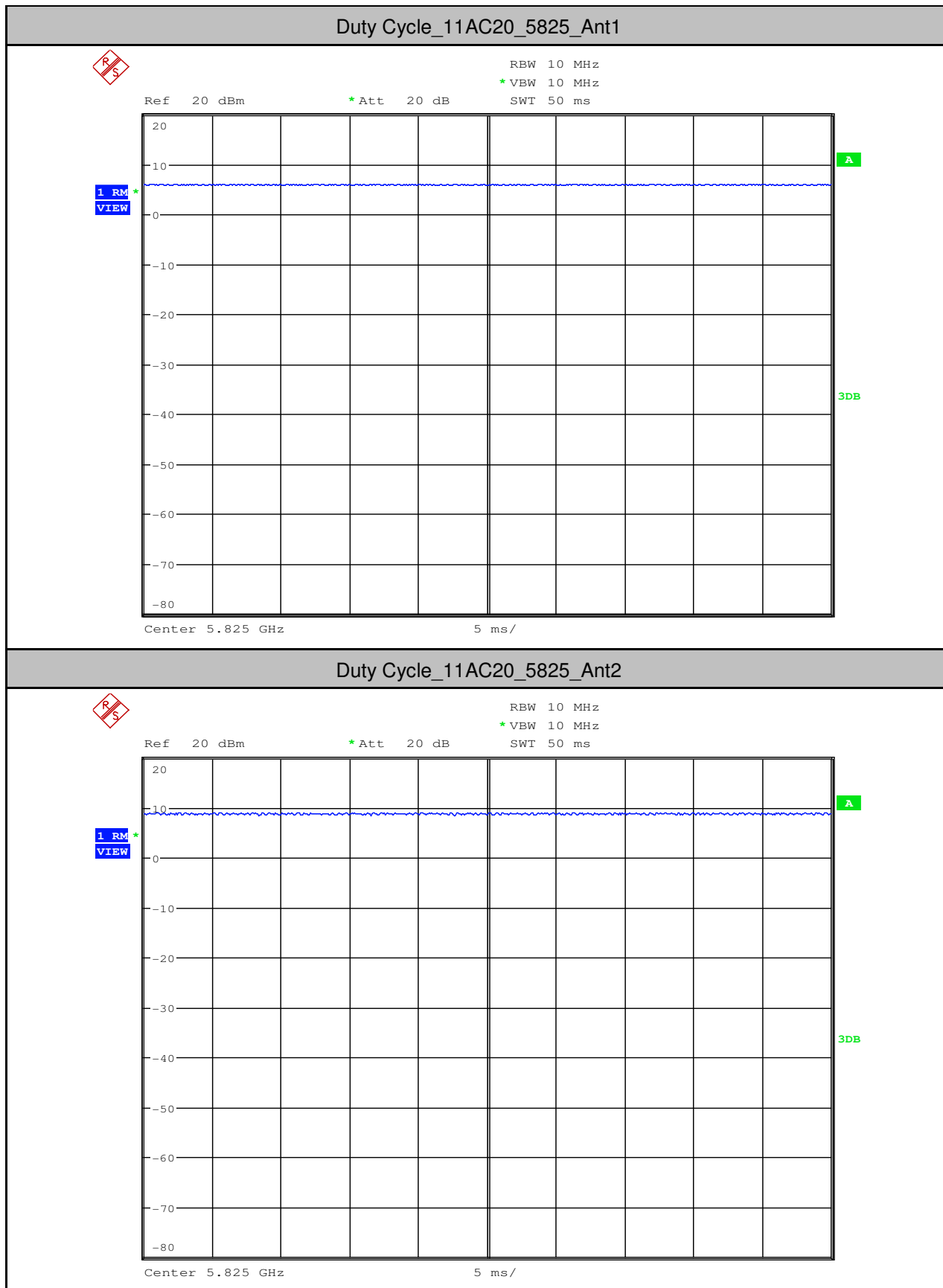


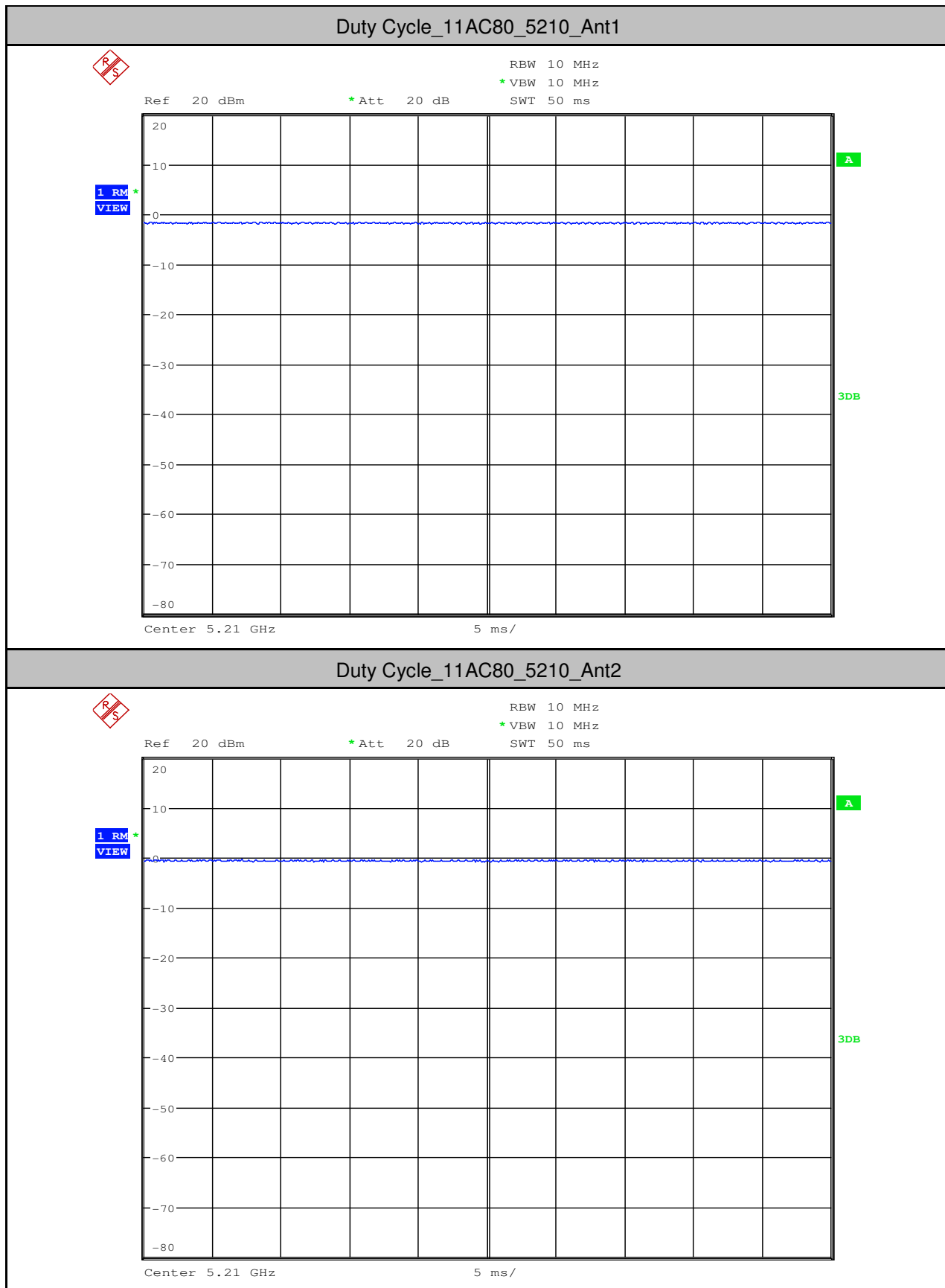


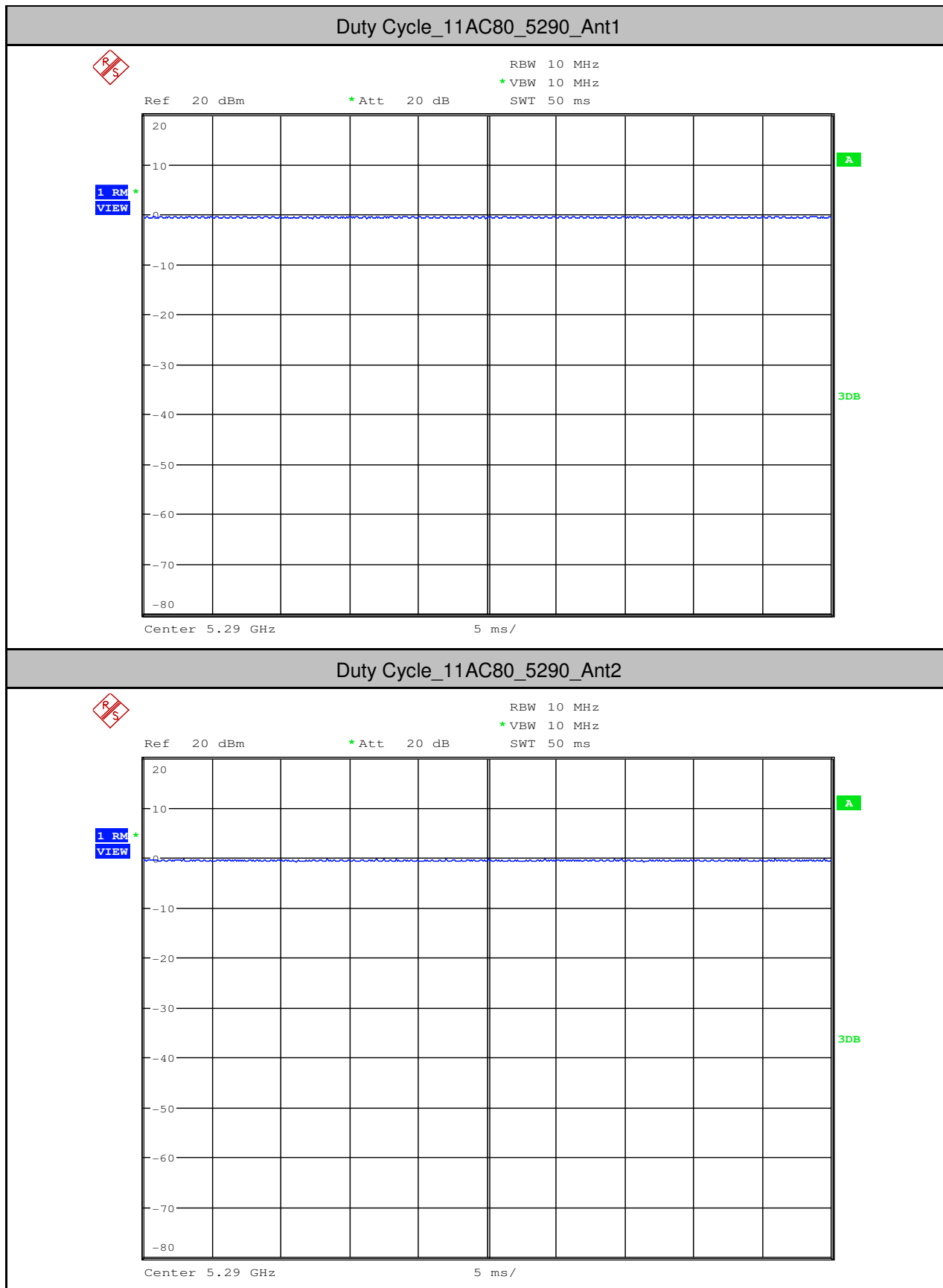


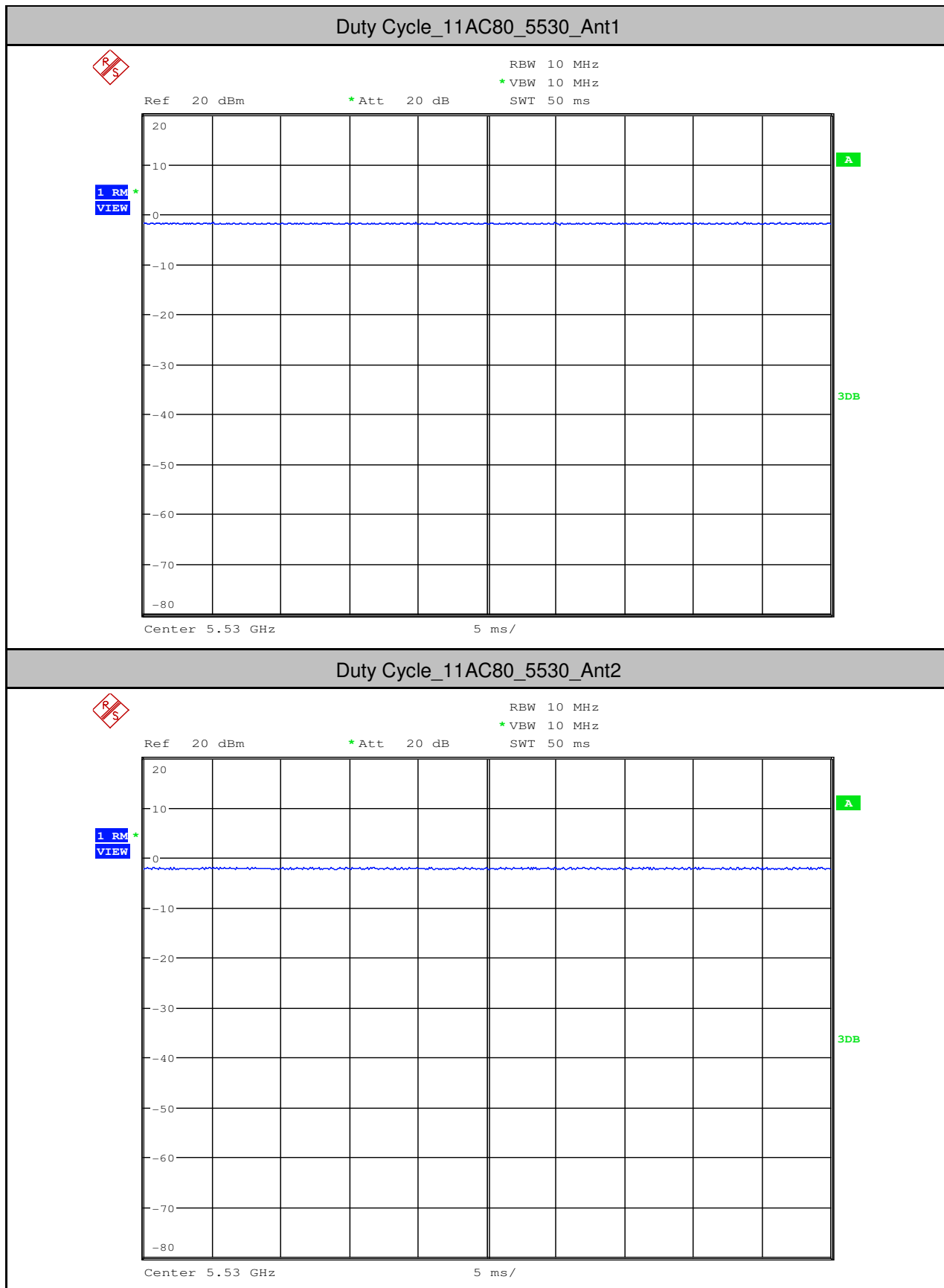


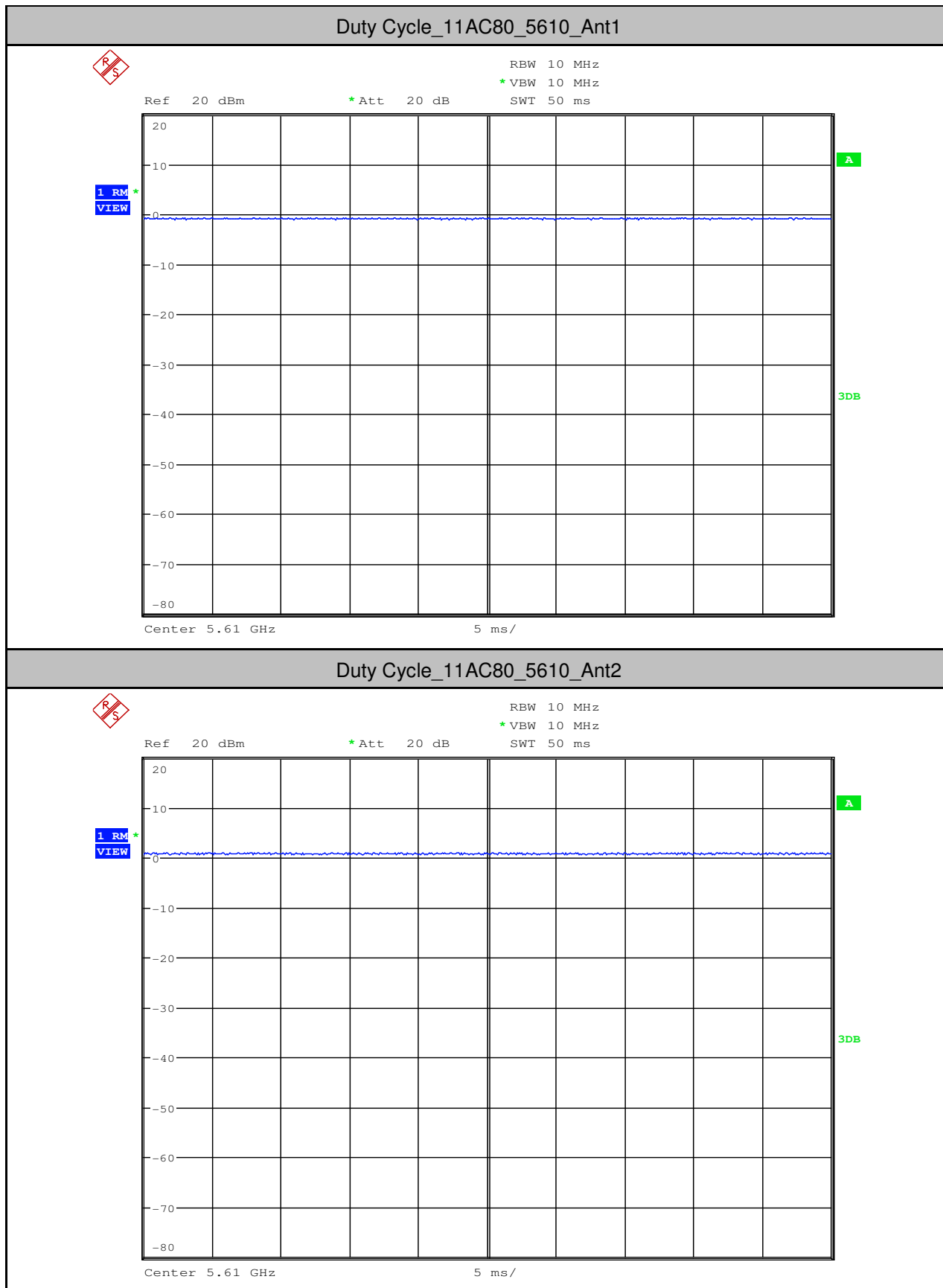


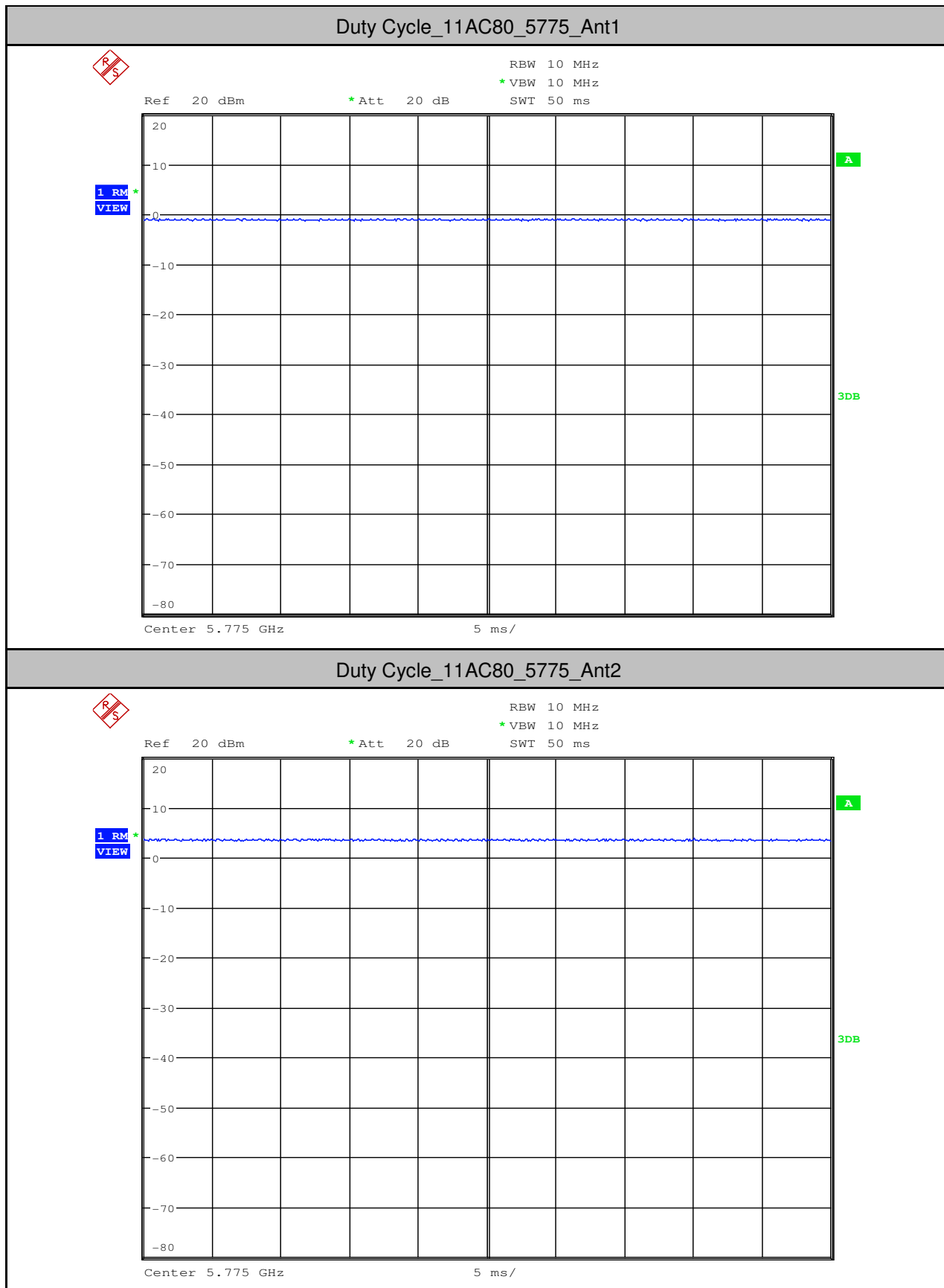


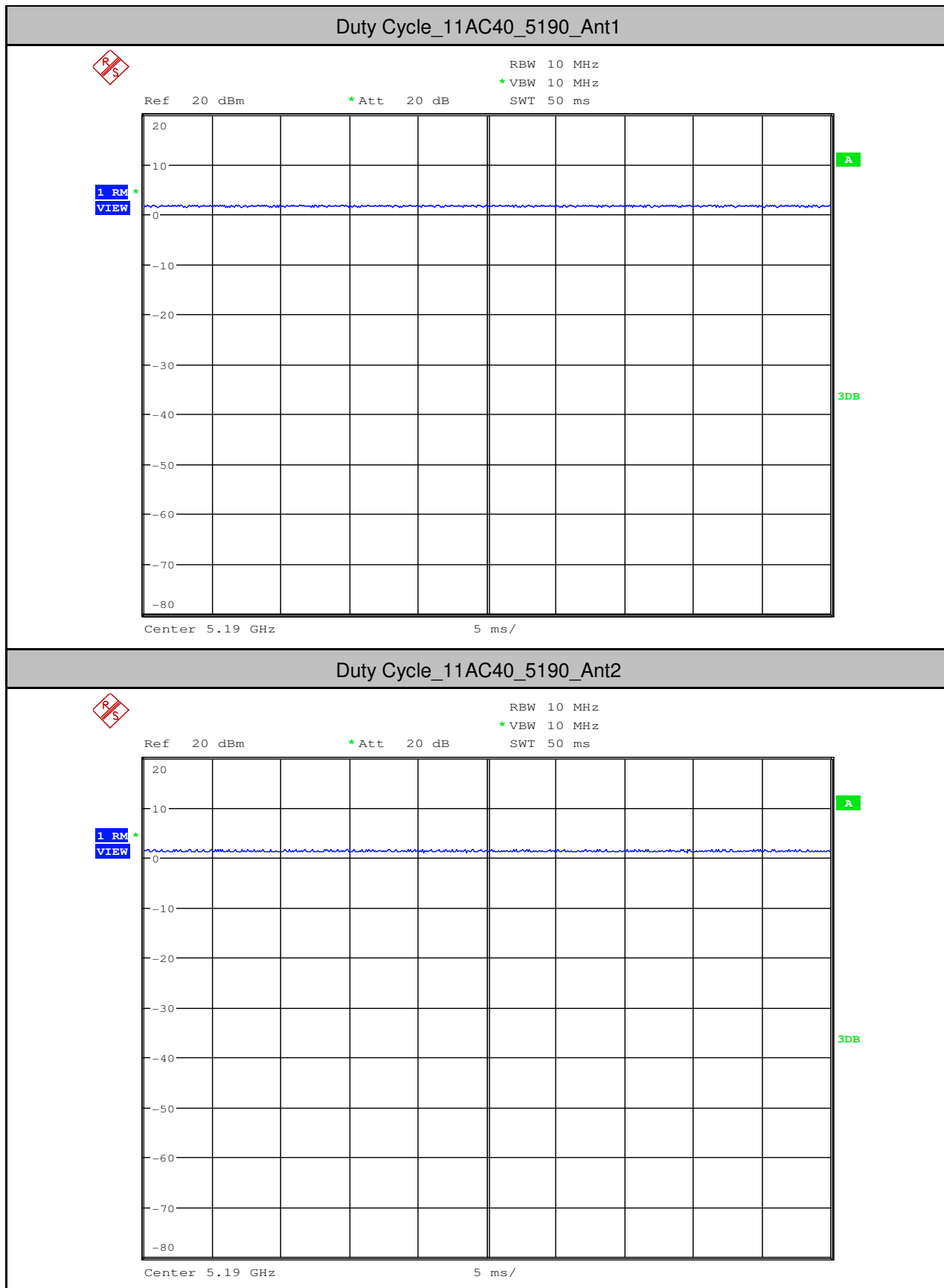


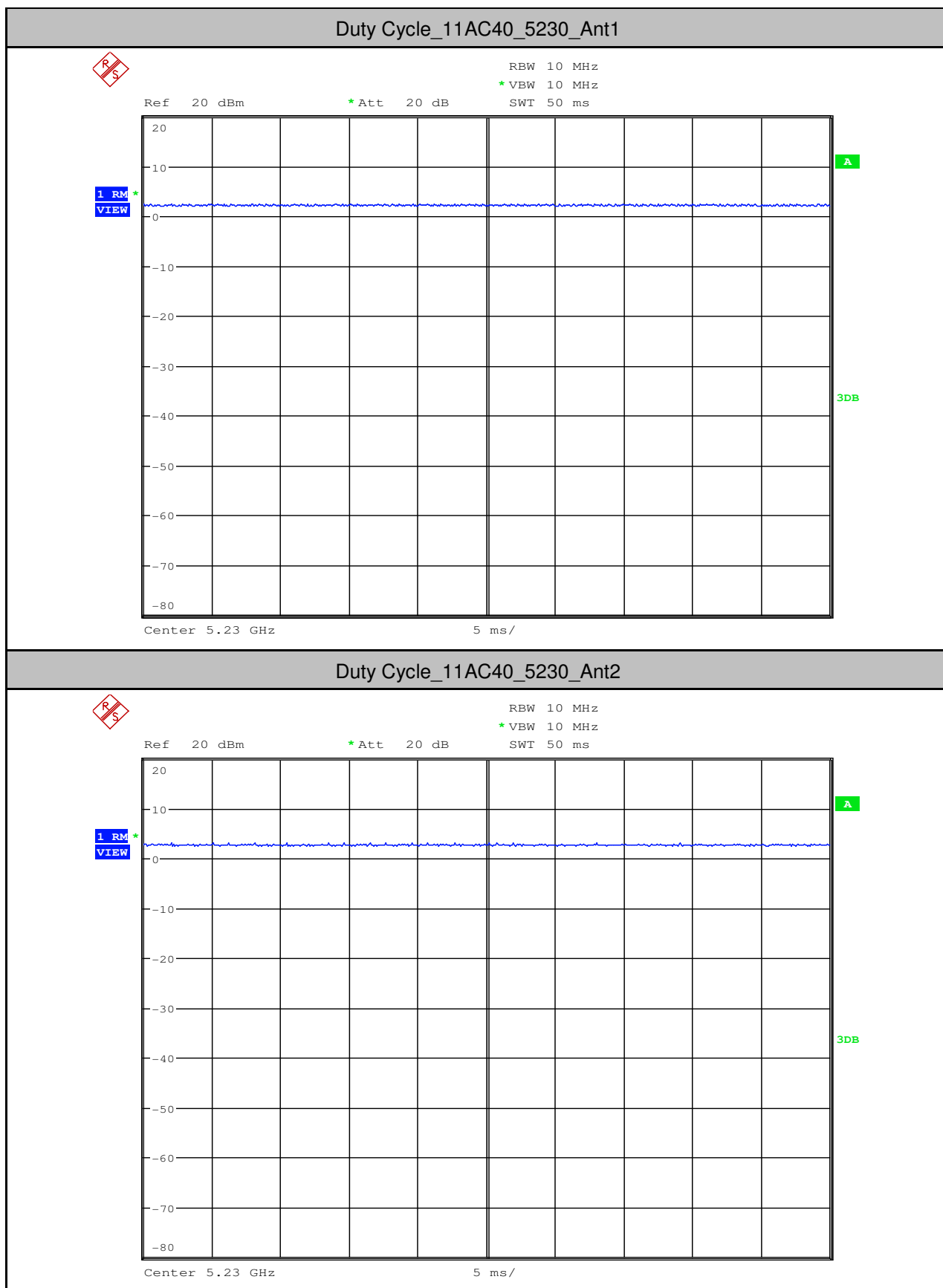


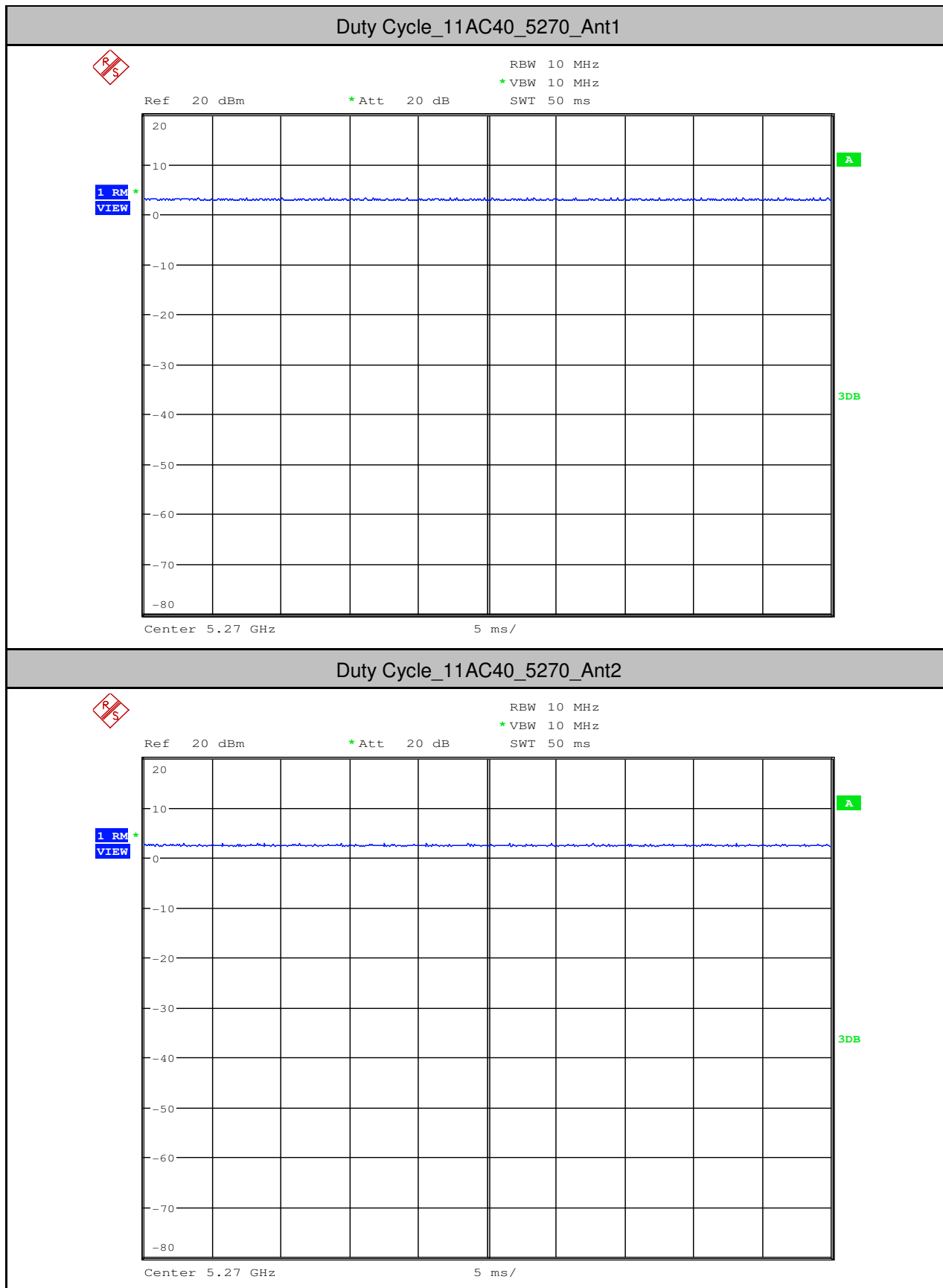


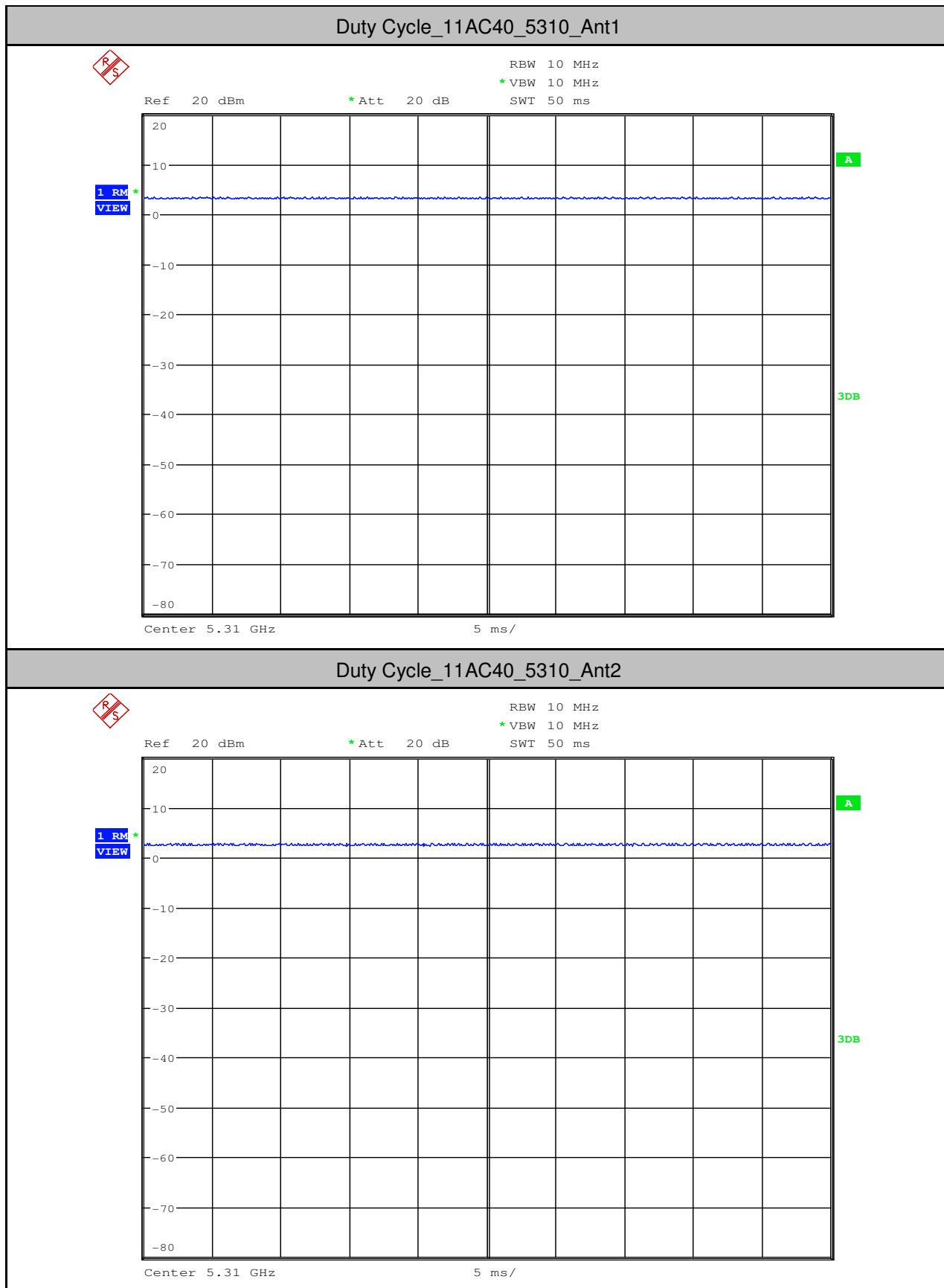


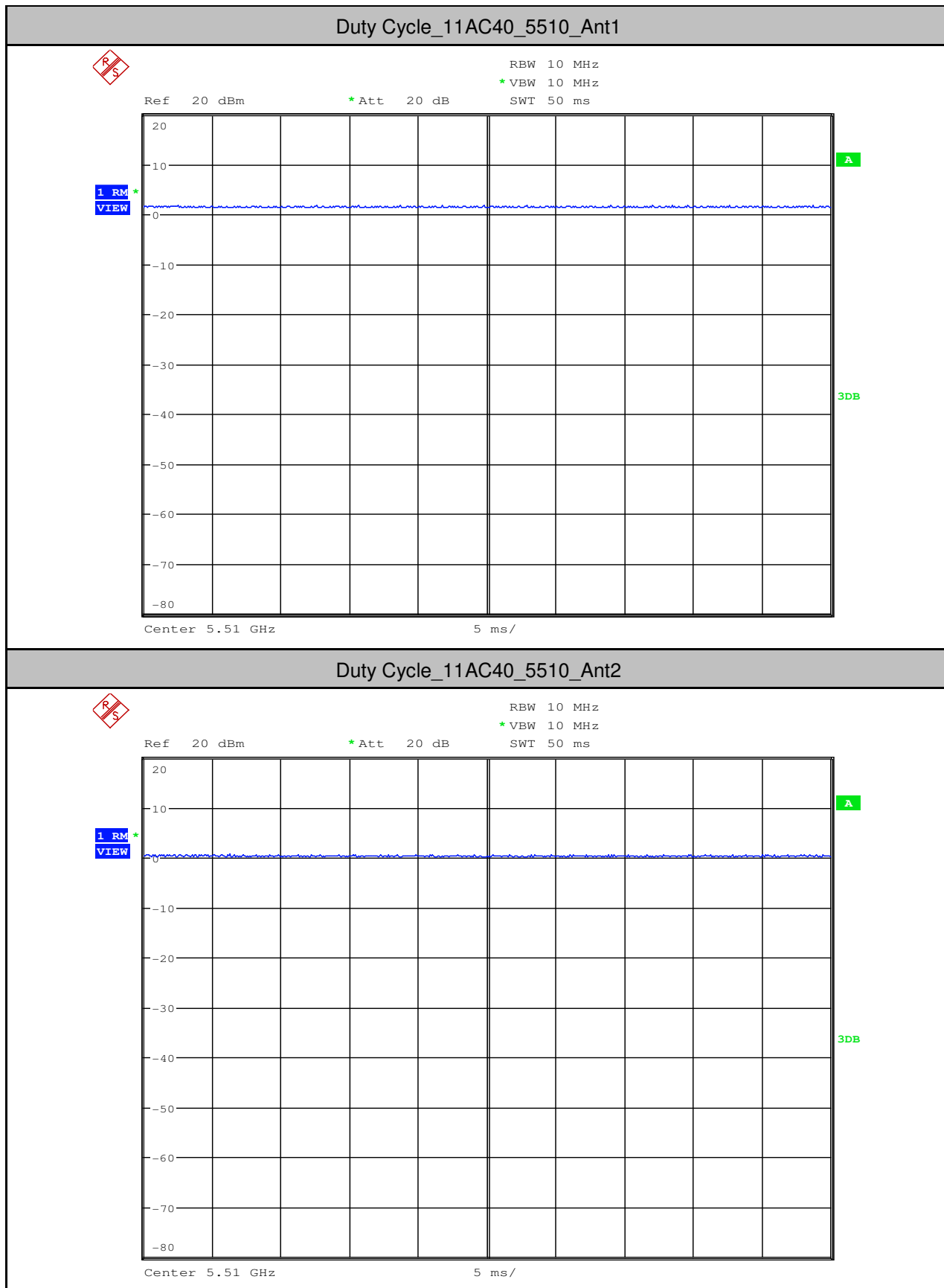


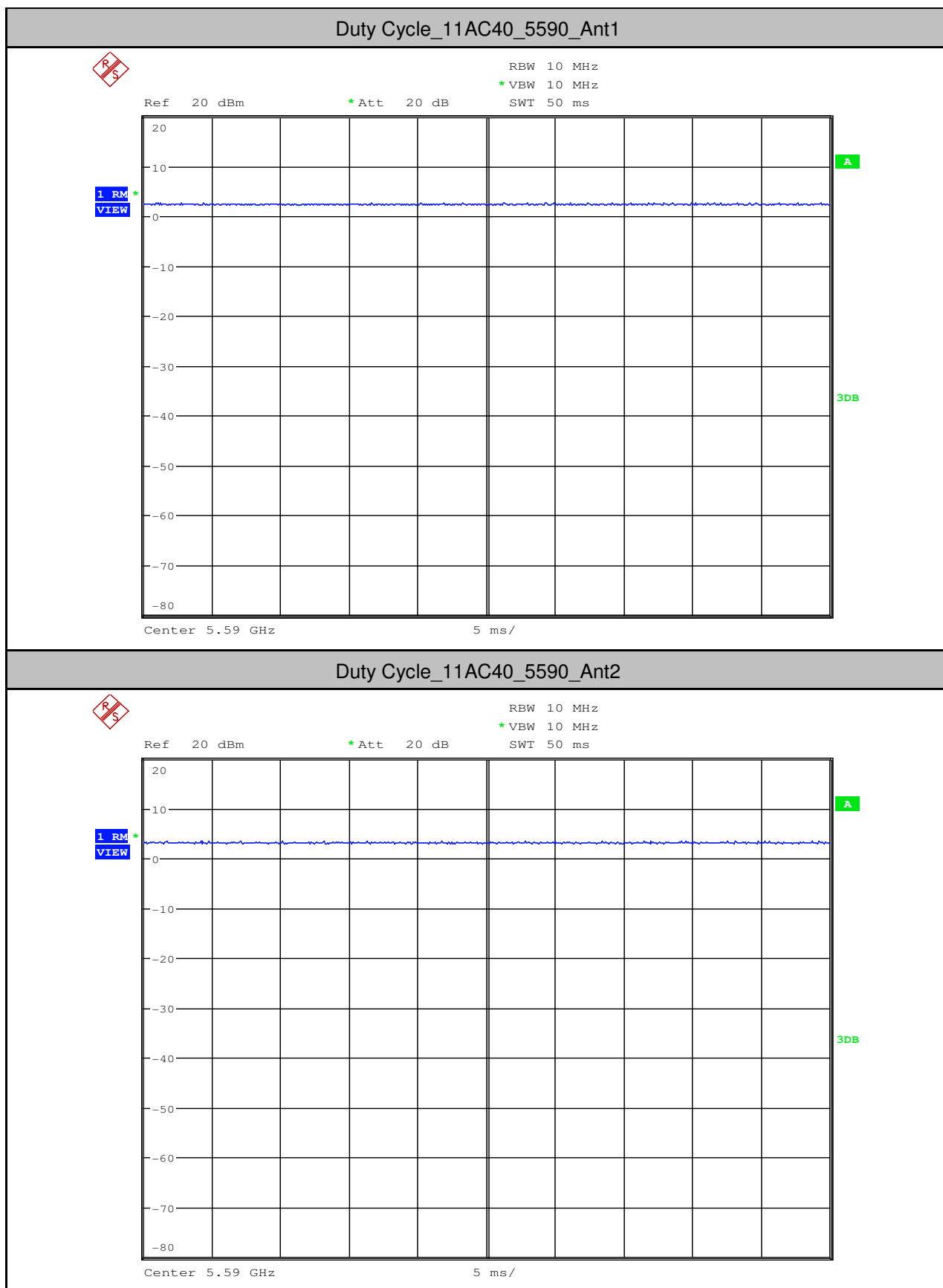


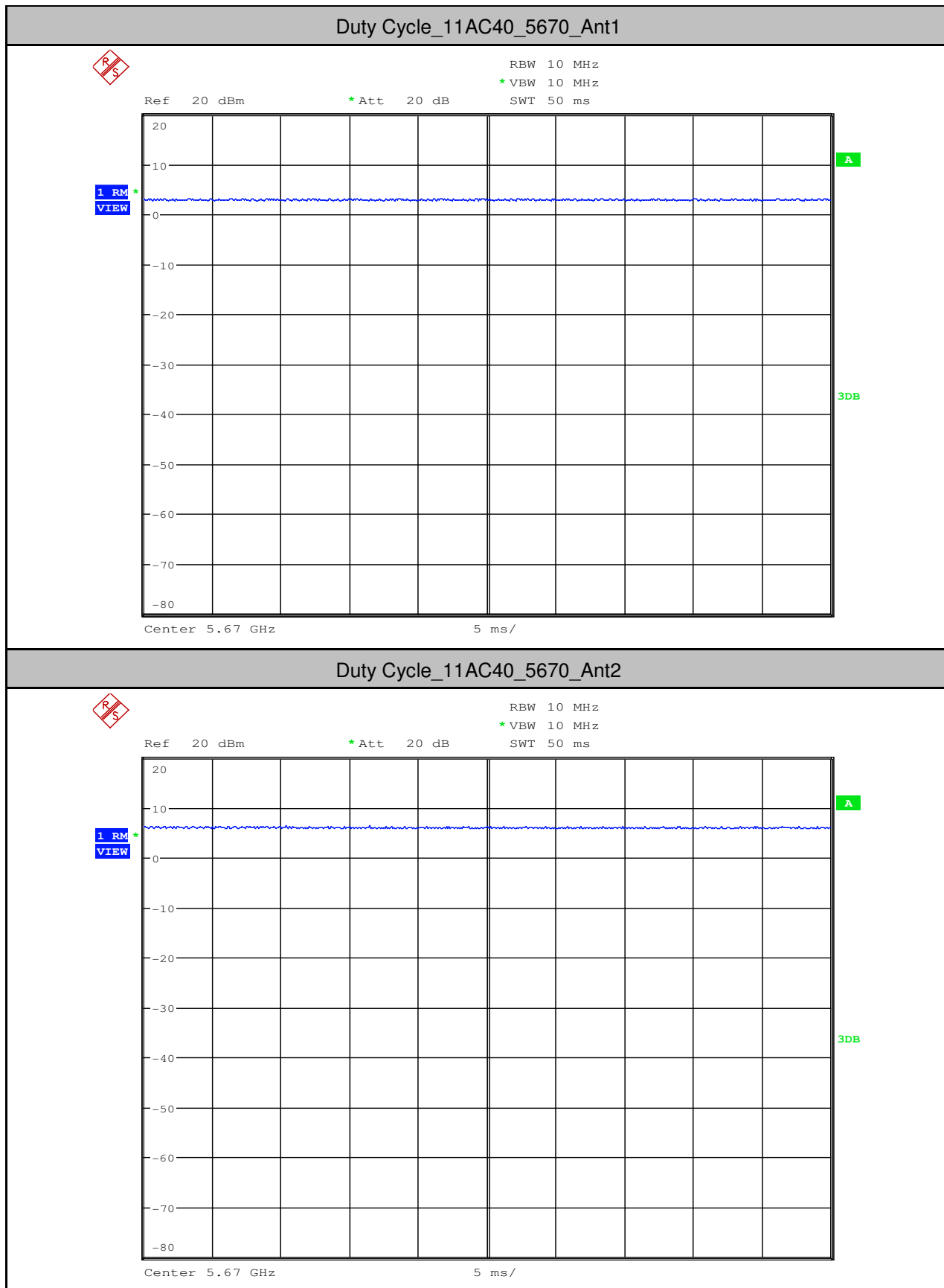


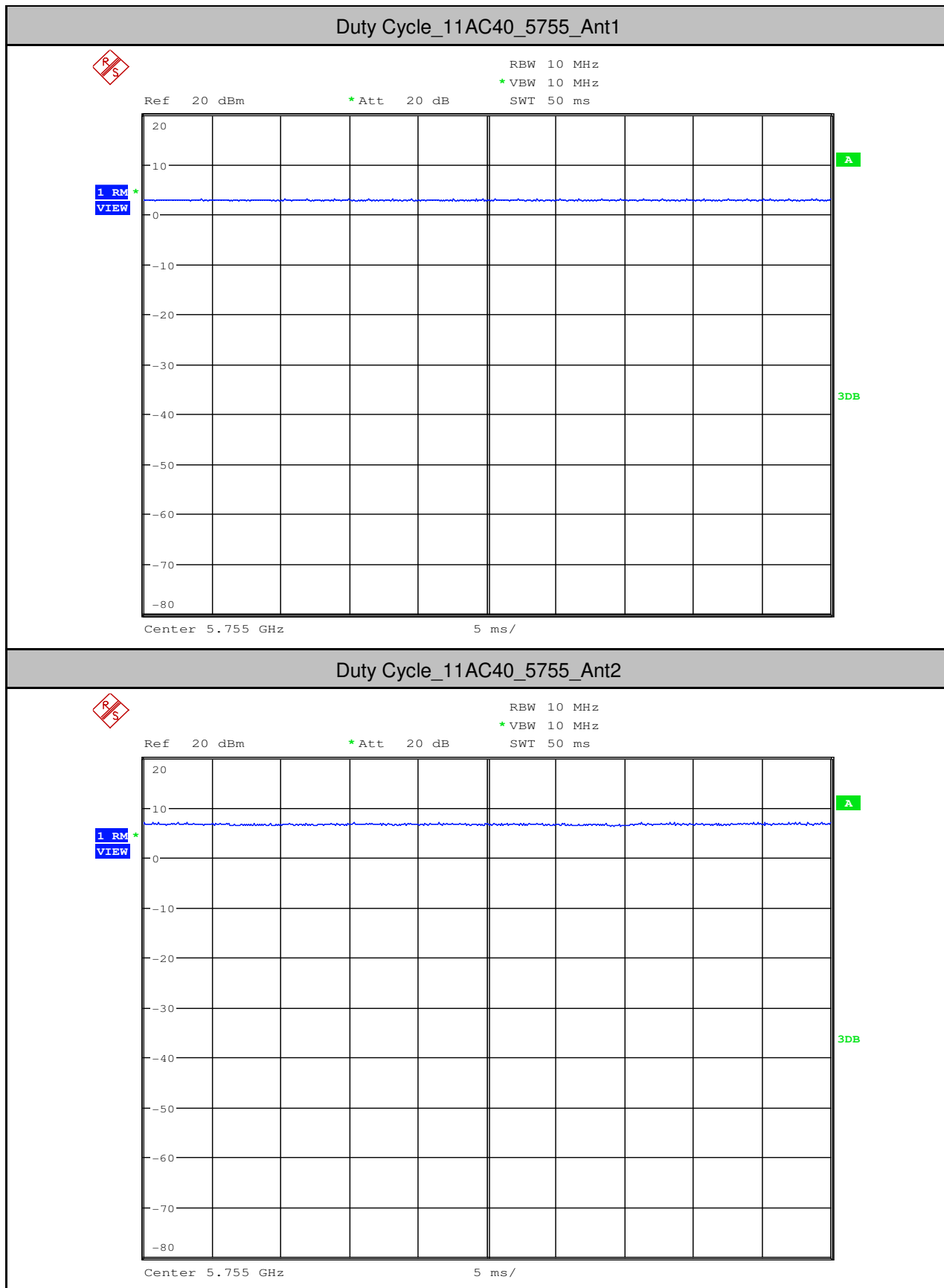


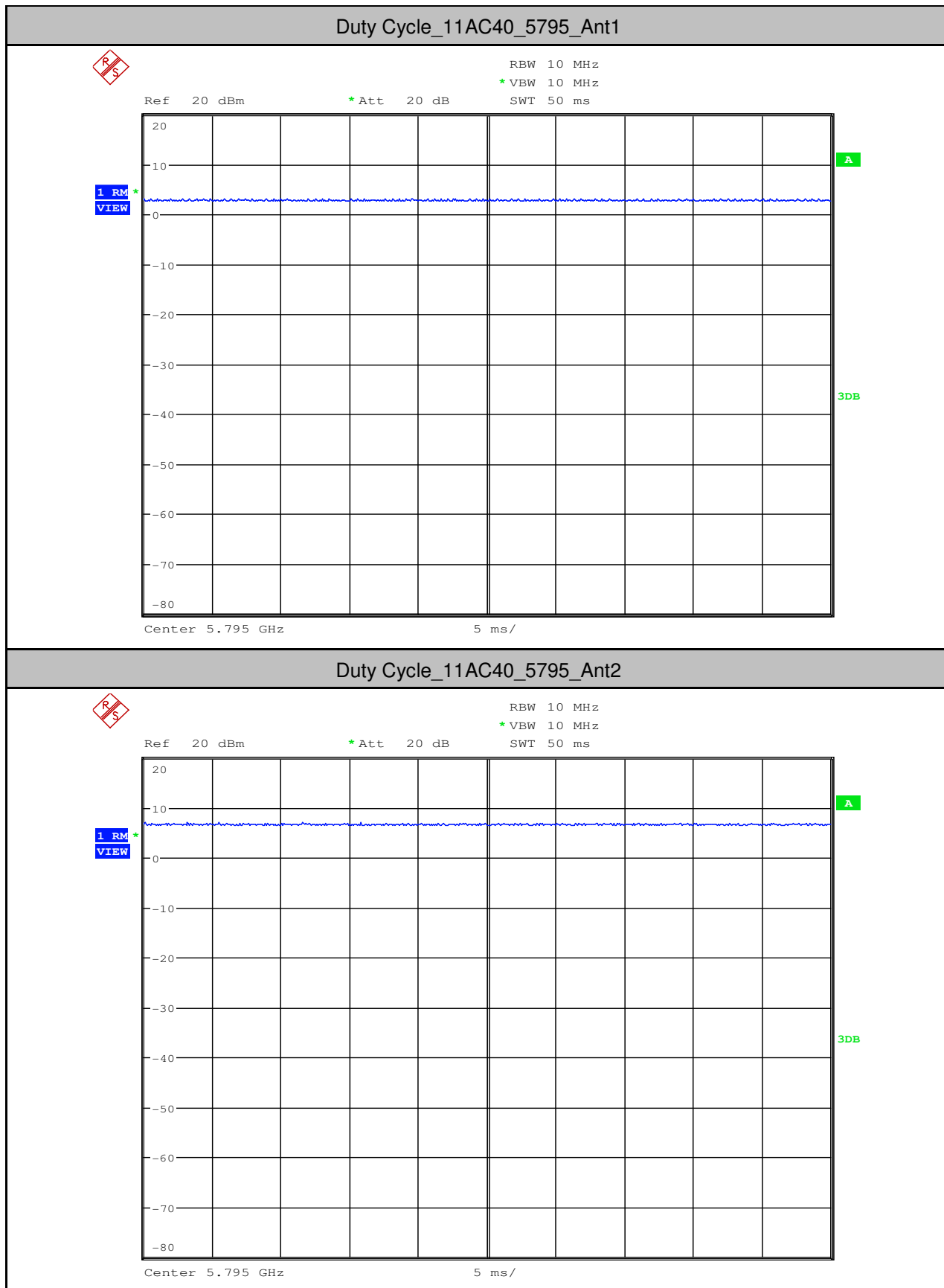












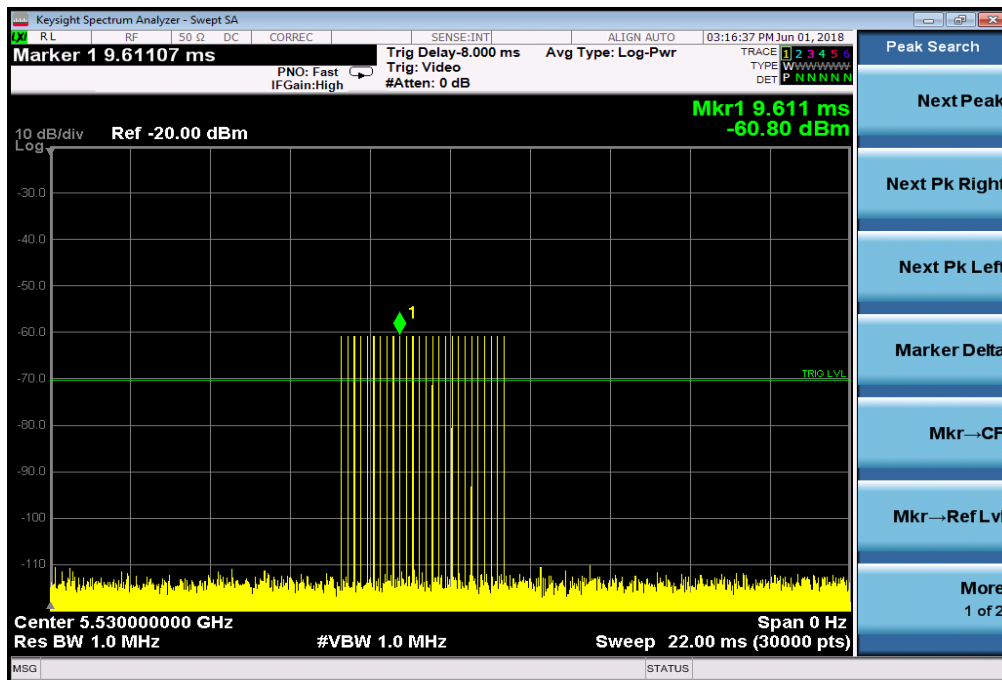


6. (DFS: Non-occupancy period; DFS: Channel Move Time; DFS: Channel Closing Transmission Time)

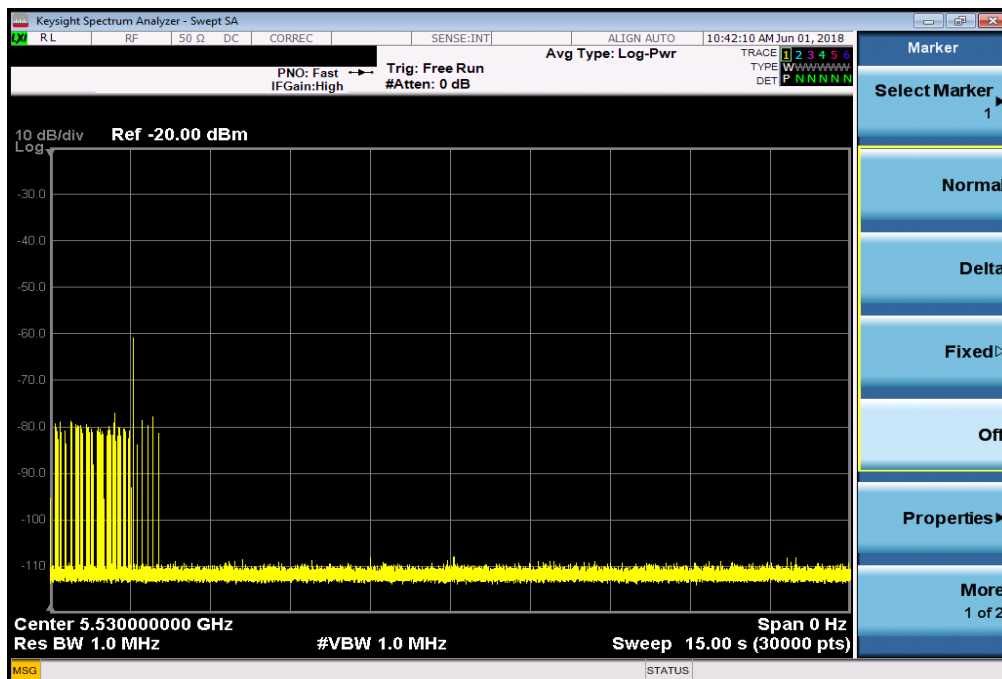
Test plots as follows:

Radar Waveform Calibration Result

Radar Type 0 (80MHz / 5530MHz)



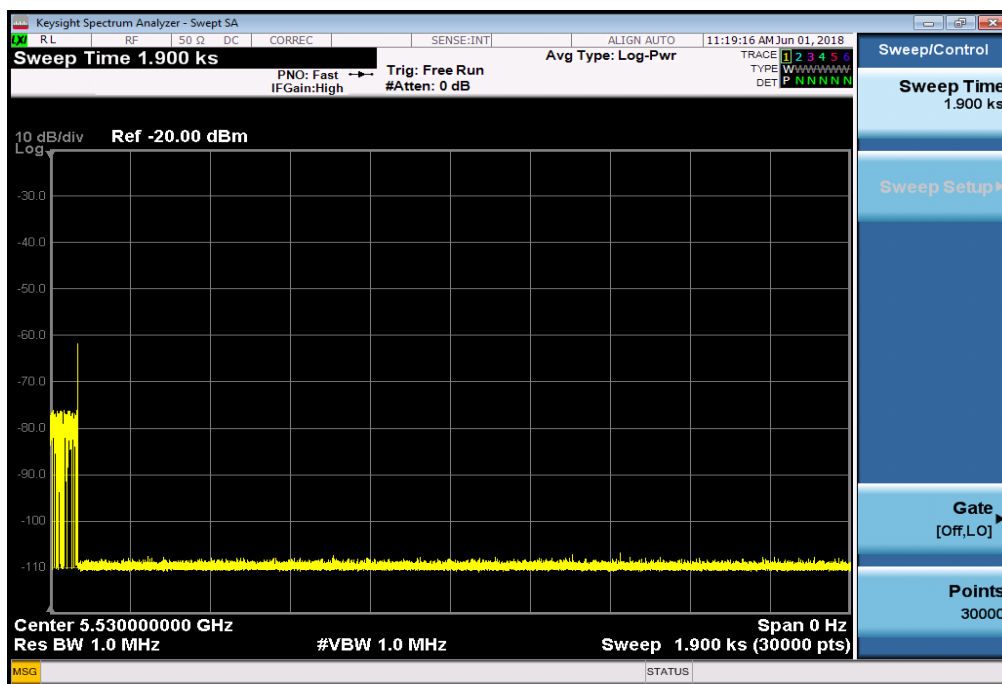
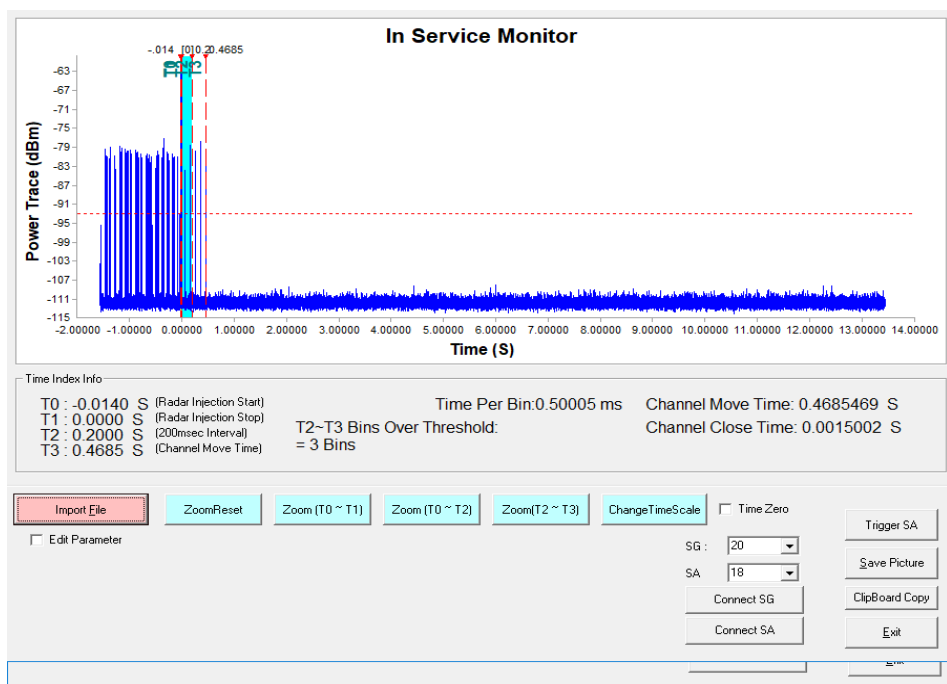
80MHz/5530MHz





# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180300232405  
Page: 636 of 636



- End of the Report -