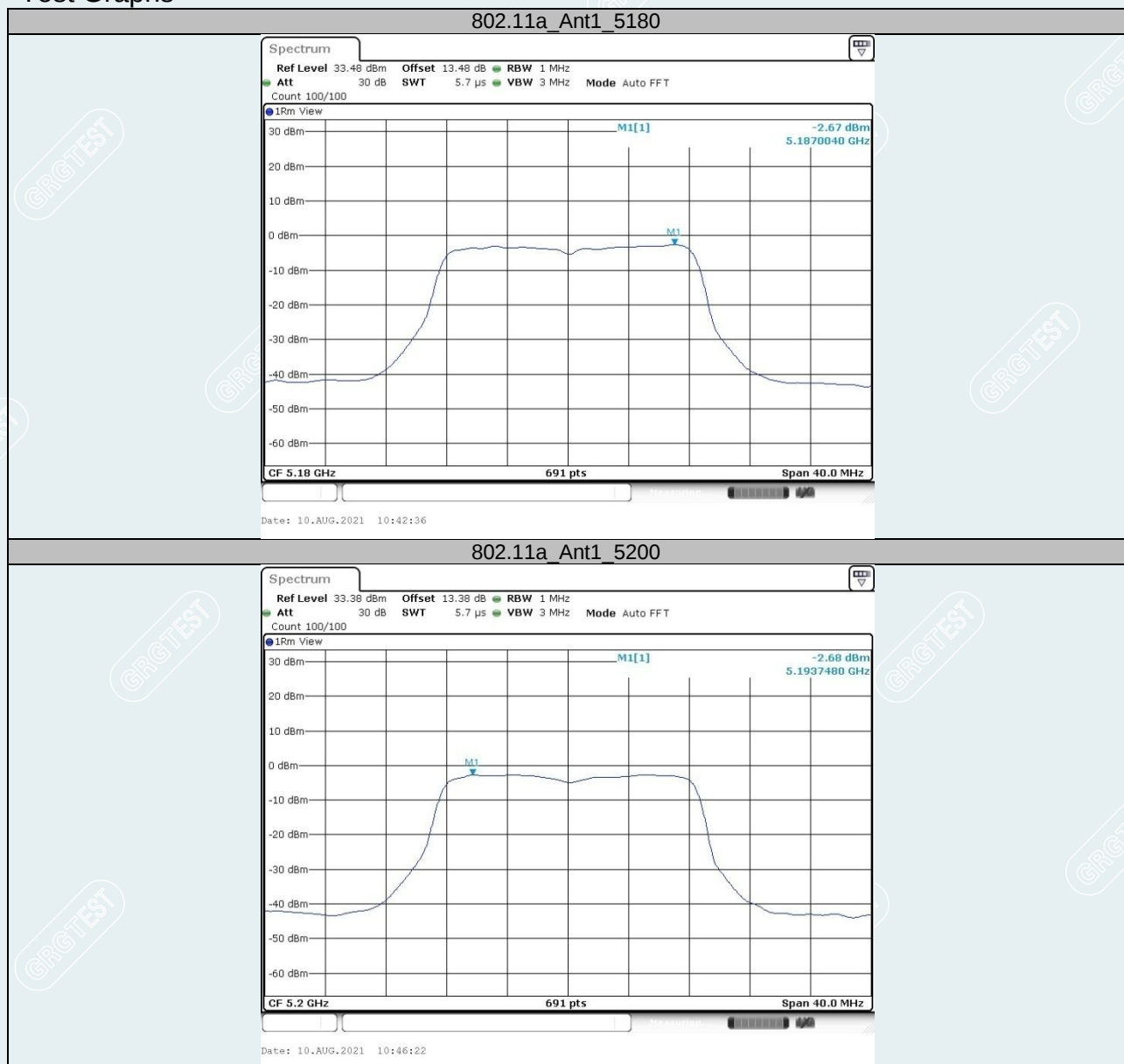


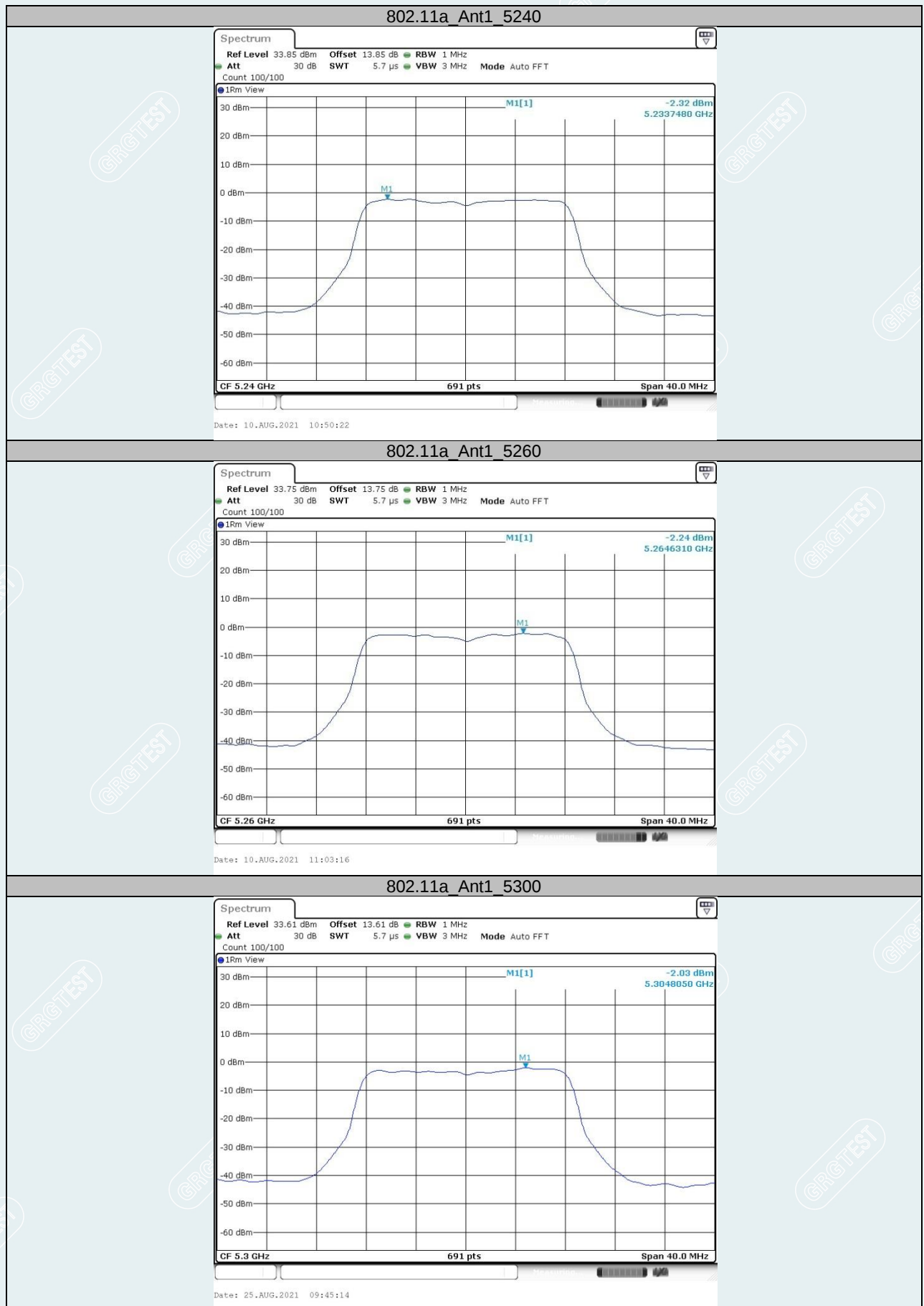
|                |      |      |        |     |      |
|----------------|------|------|--------|-----|------|
| 802.11ac VHT80 | Ant1 | 5210 | -9.57  | ≤11 | PASS |
|                |      | 5290 | -9.78  | ≤11 | PASS |
|                |      | 5530 | -14.39 | ≤11 | PASS |
|                |      | 5610 | -12.52 | ≤11 | PASS |
|                |      | 5775 | -13.04 | ≤30 | PASS |

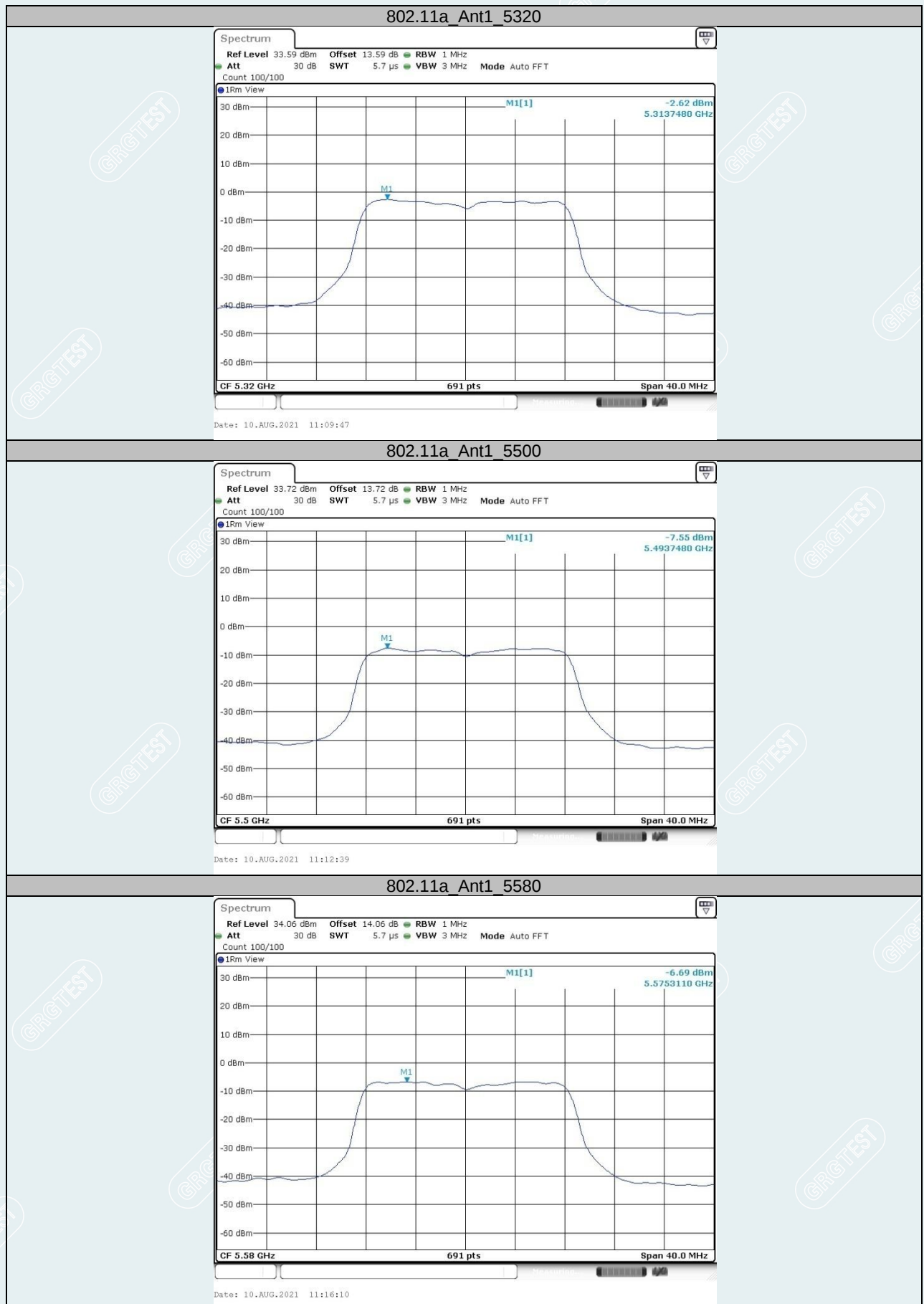
Note: 1.TheResult and LimitUnit is dBm/500 kHz in the band 5.725–5.85 GHz.

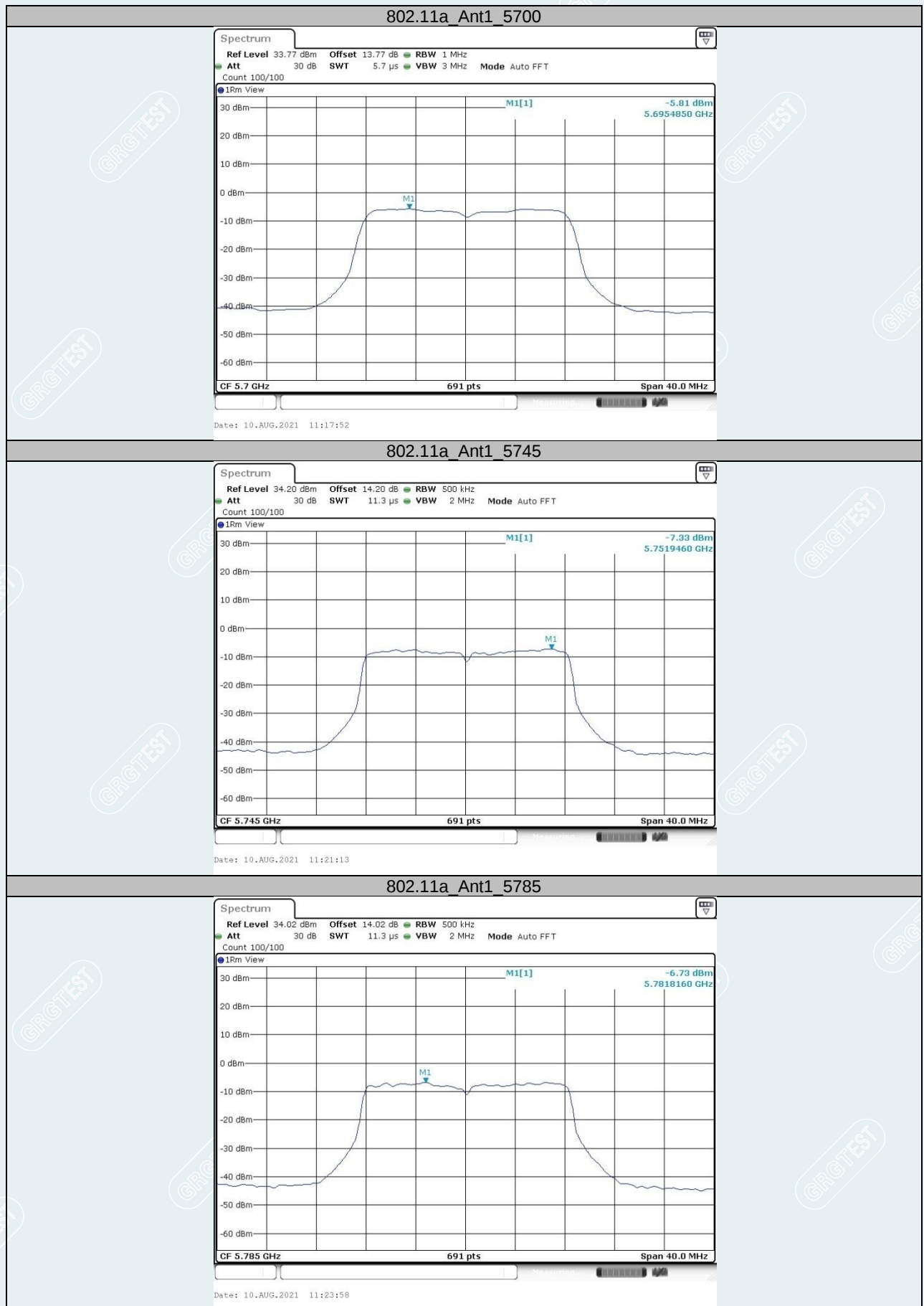
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

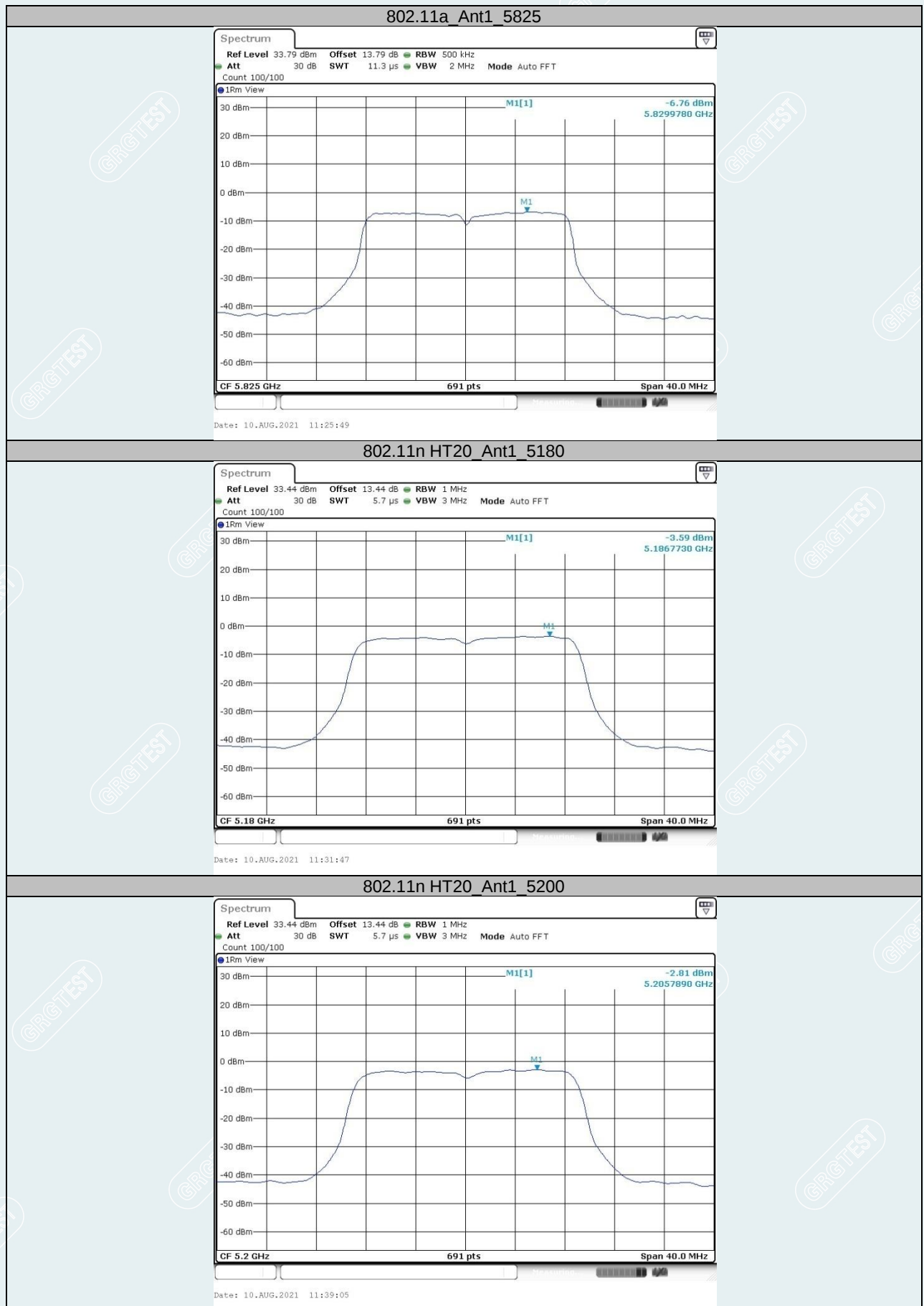
## Test Graphs

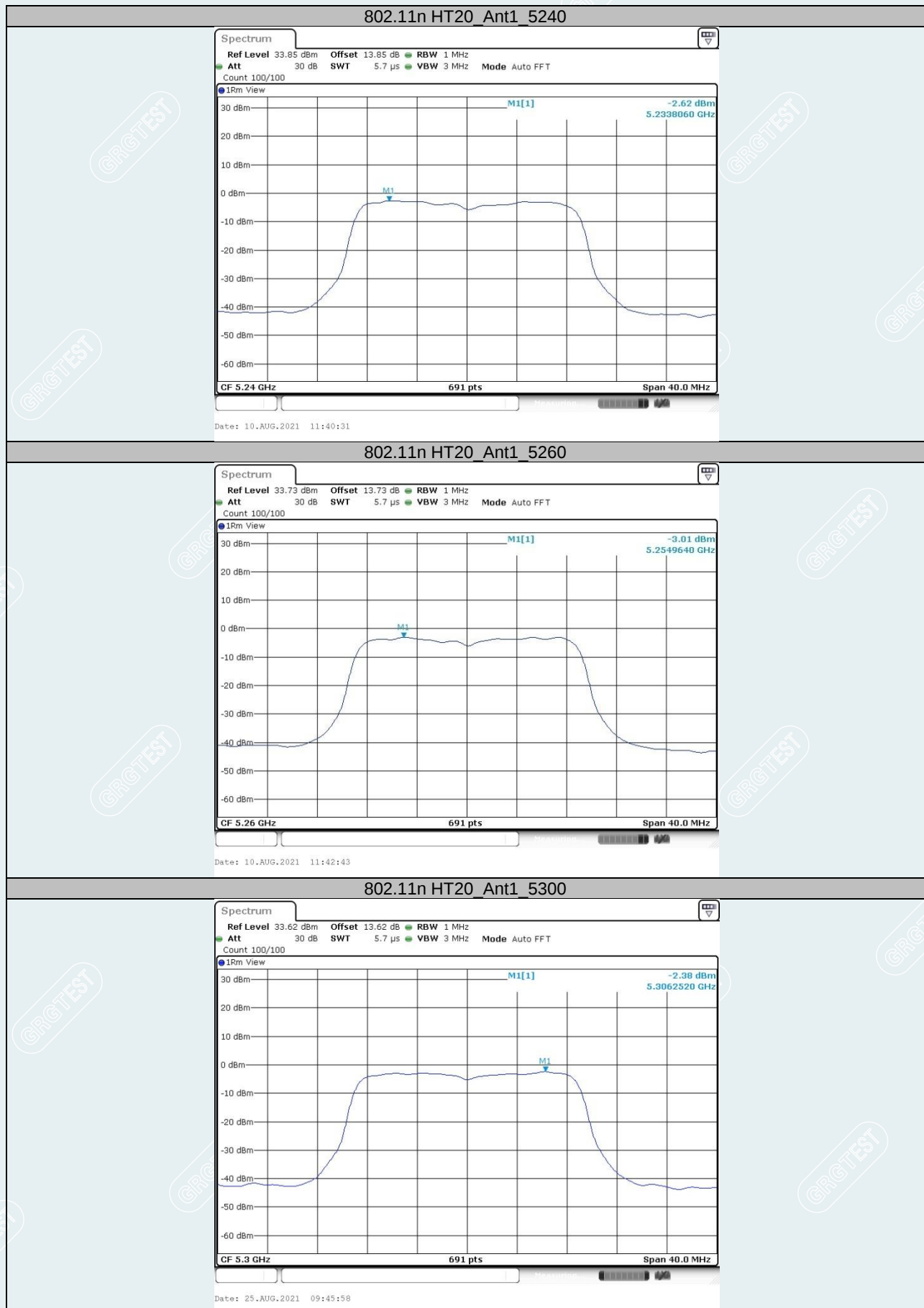


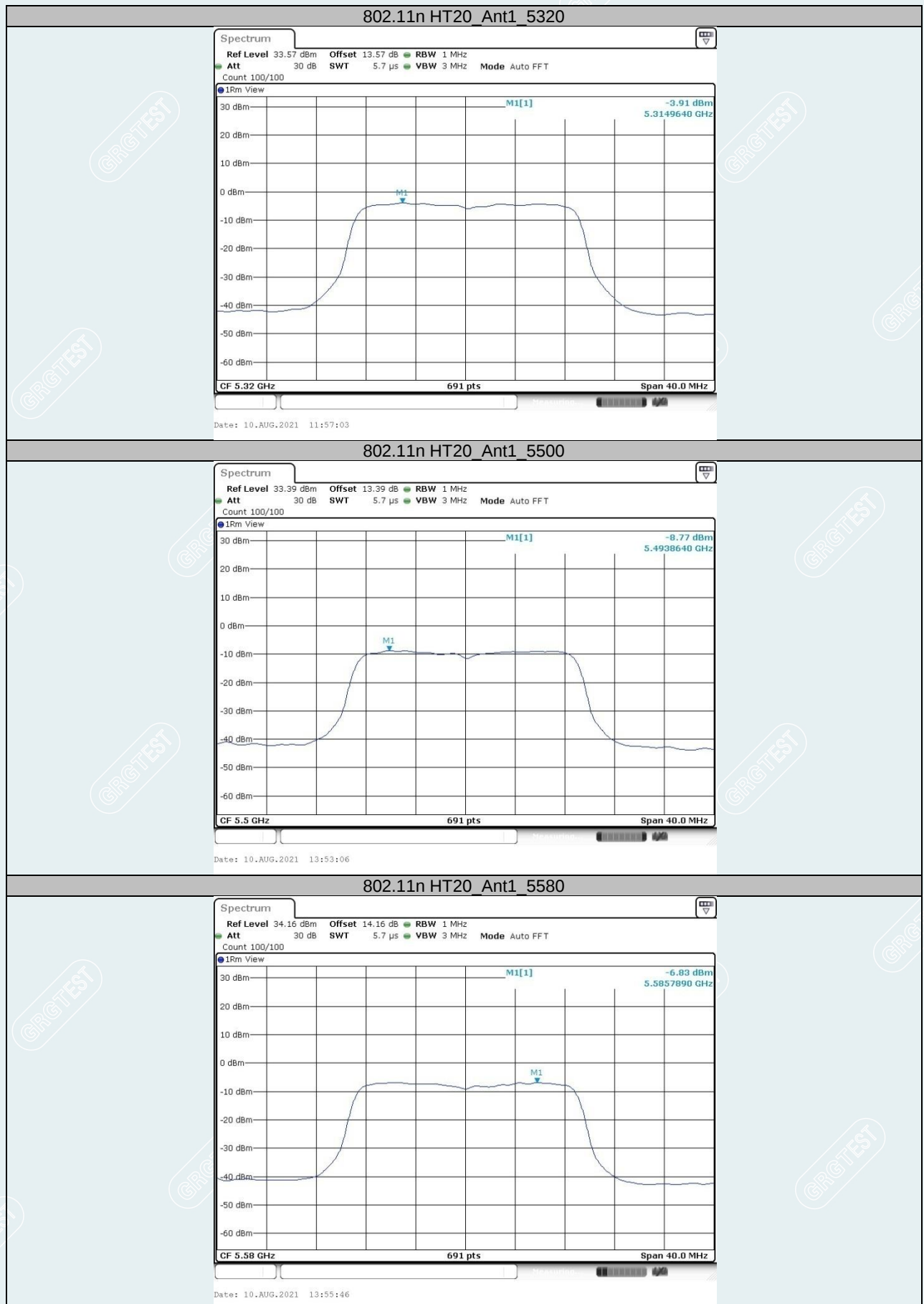


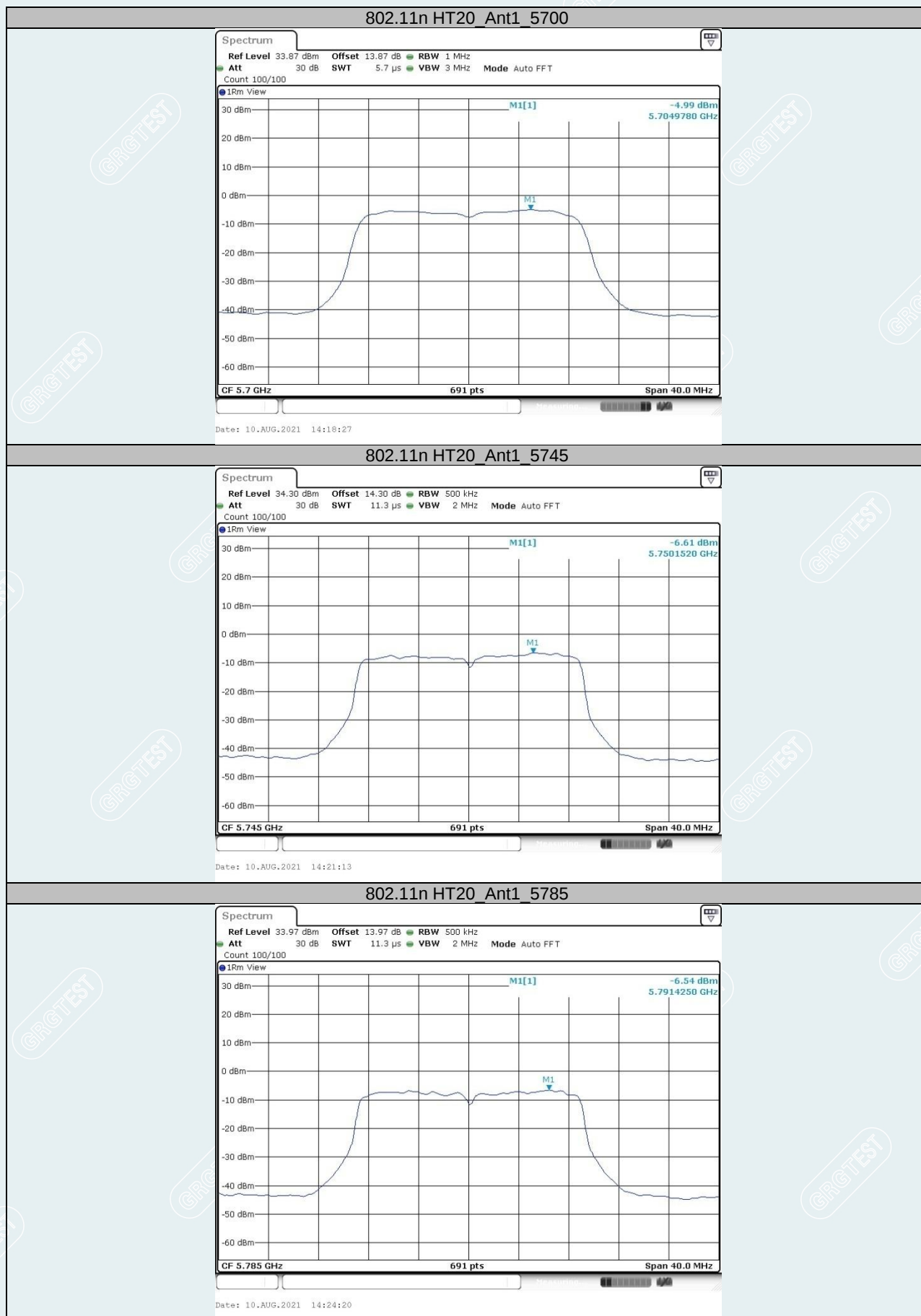


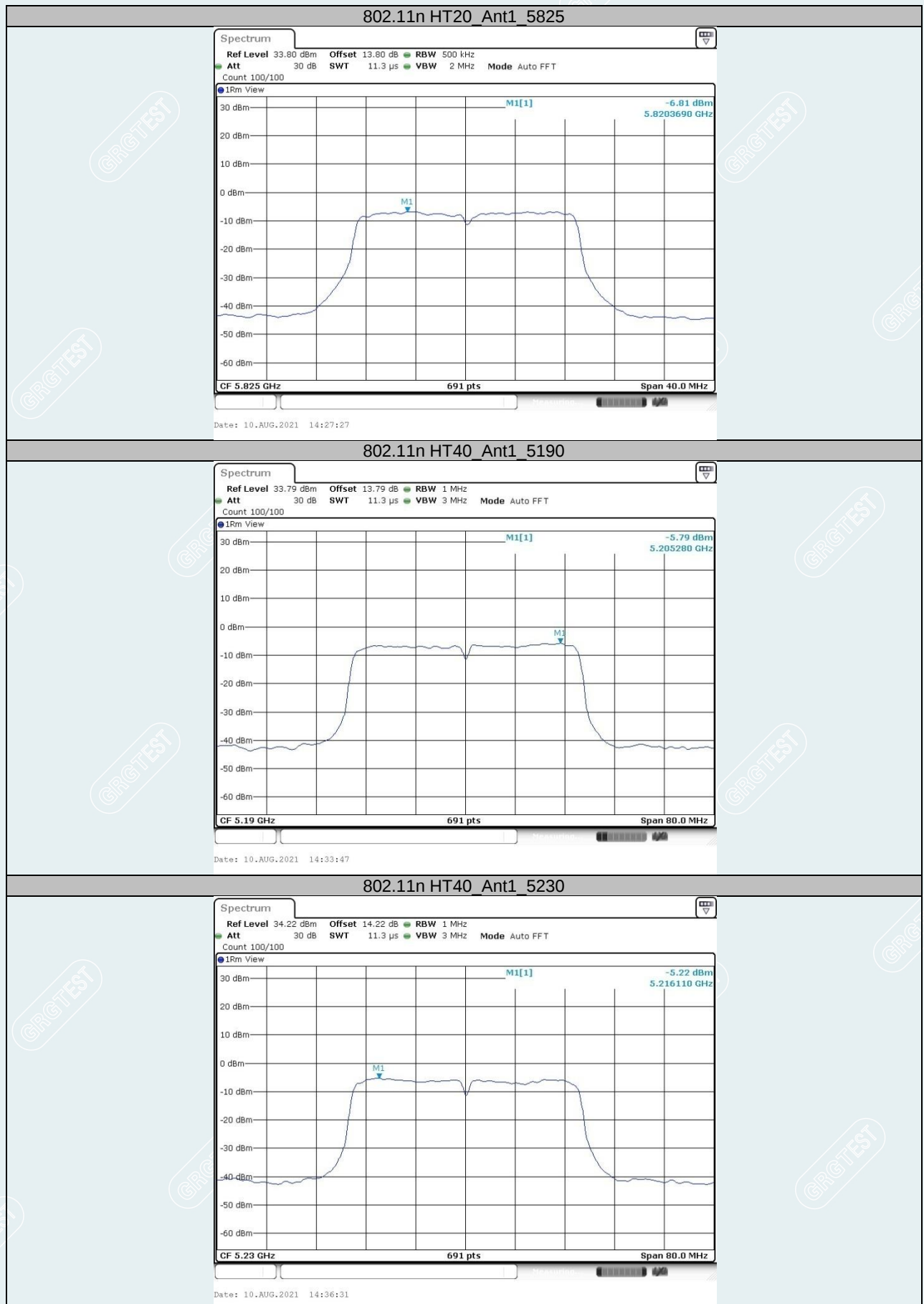


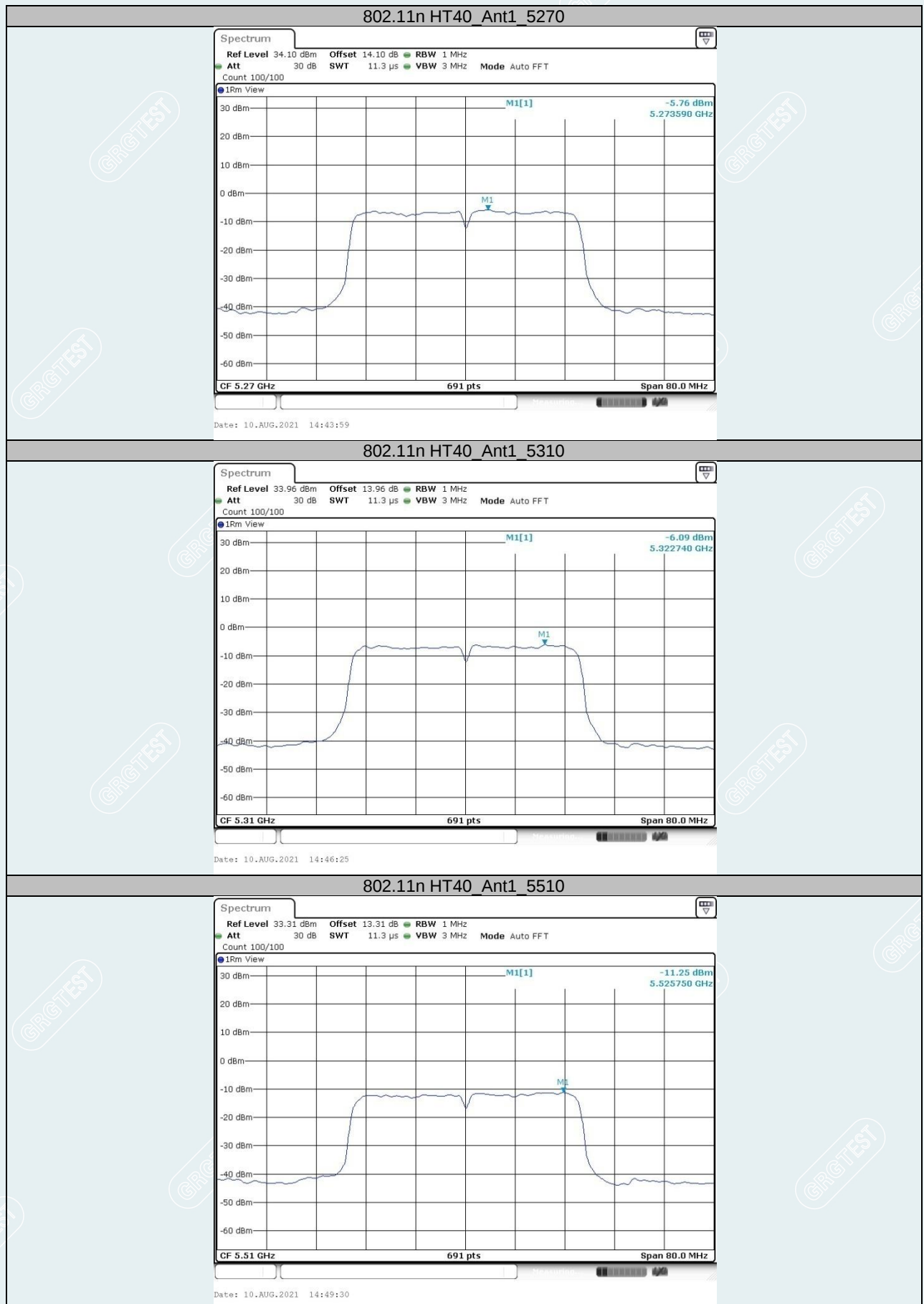


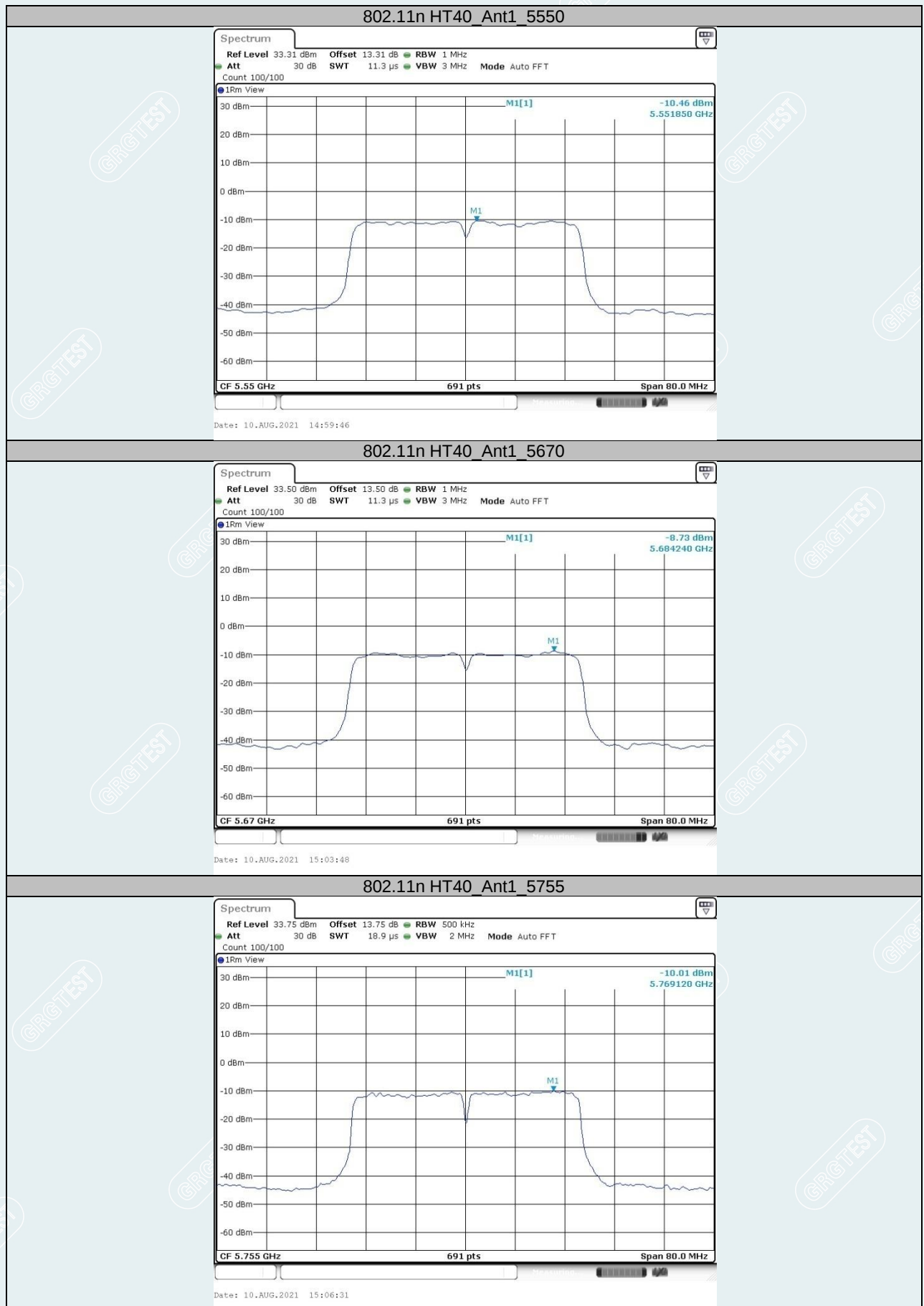


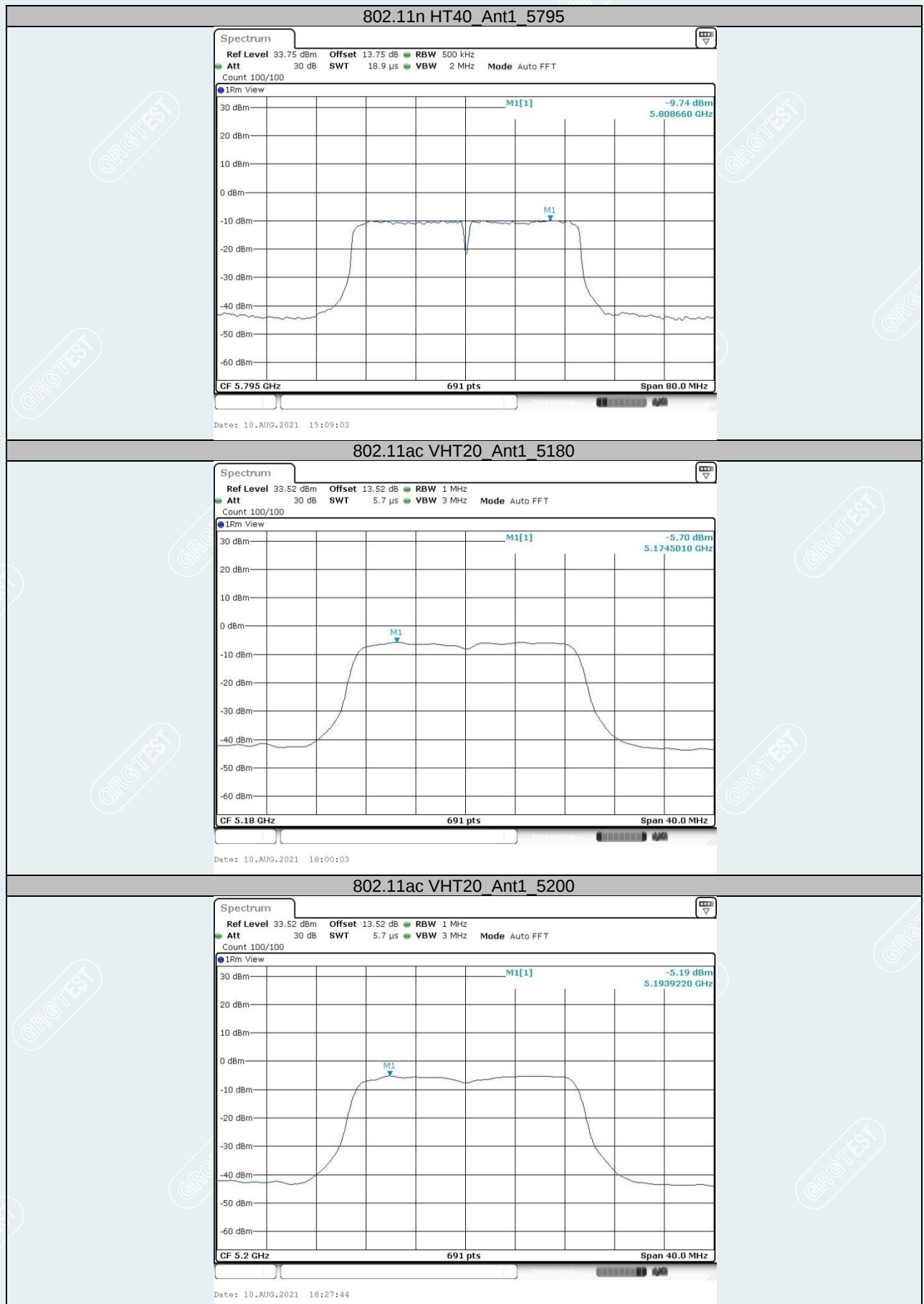


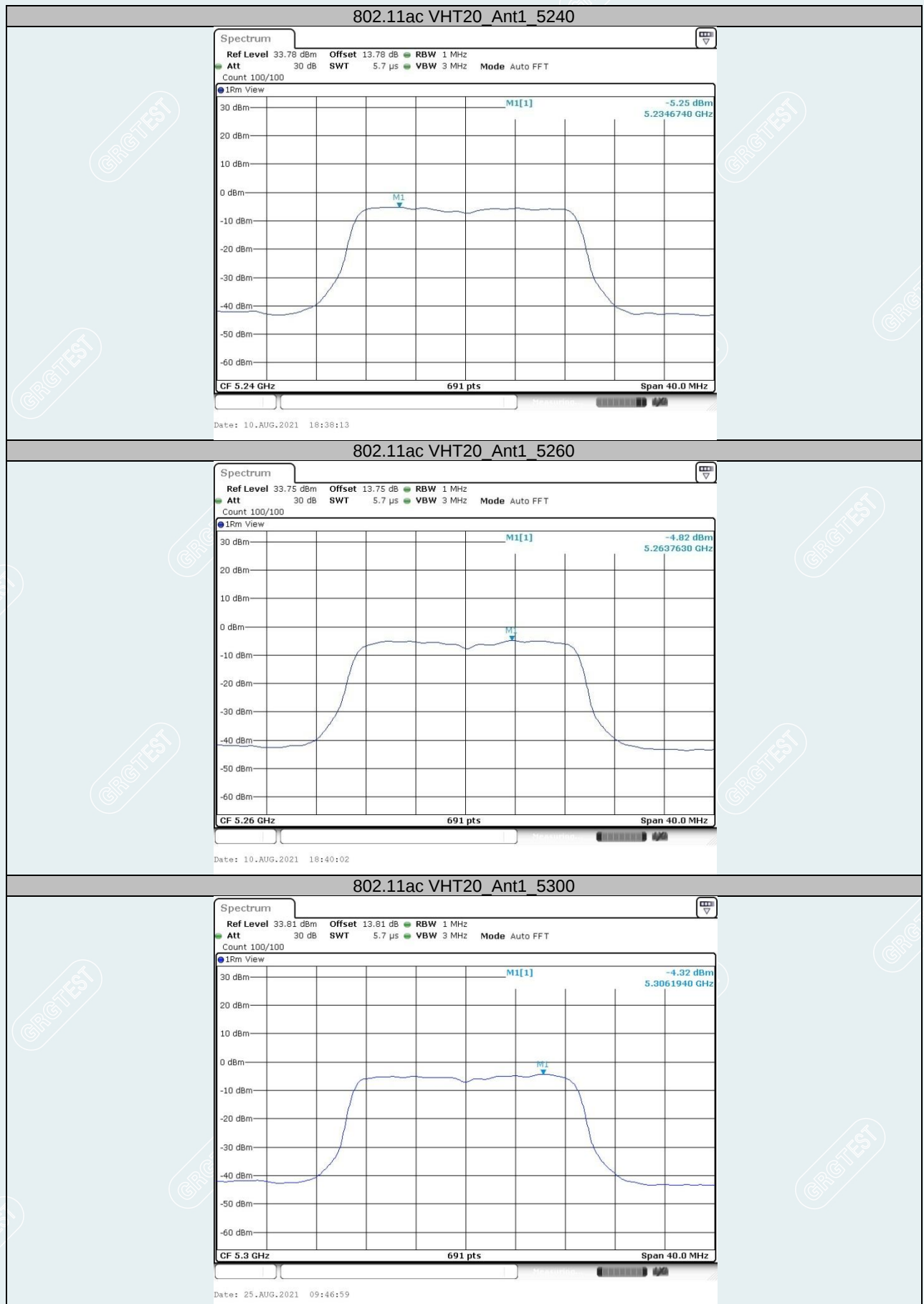


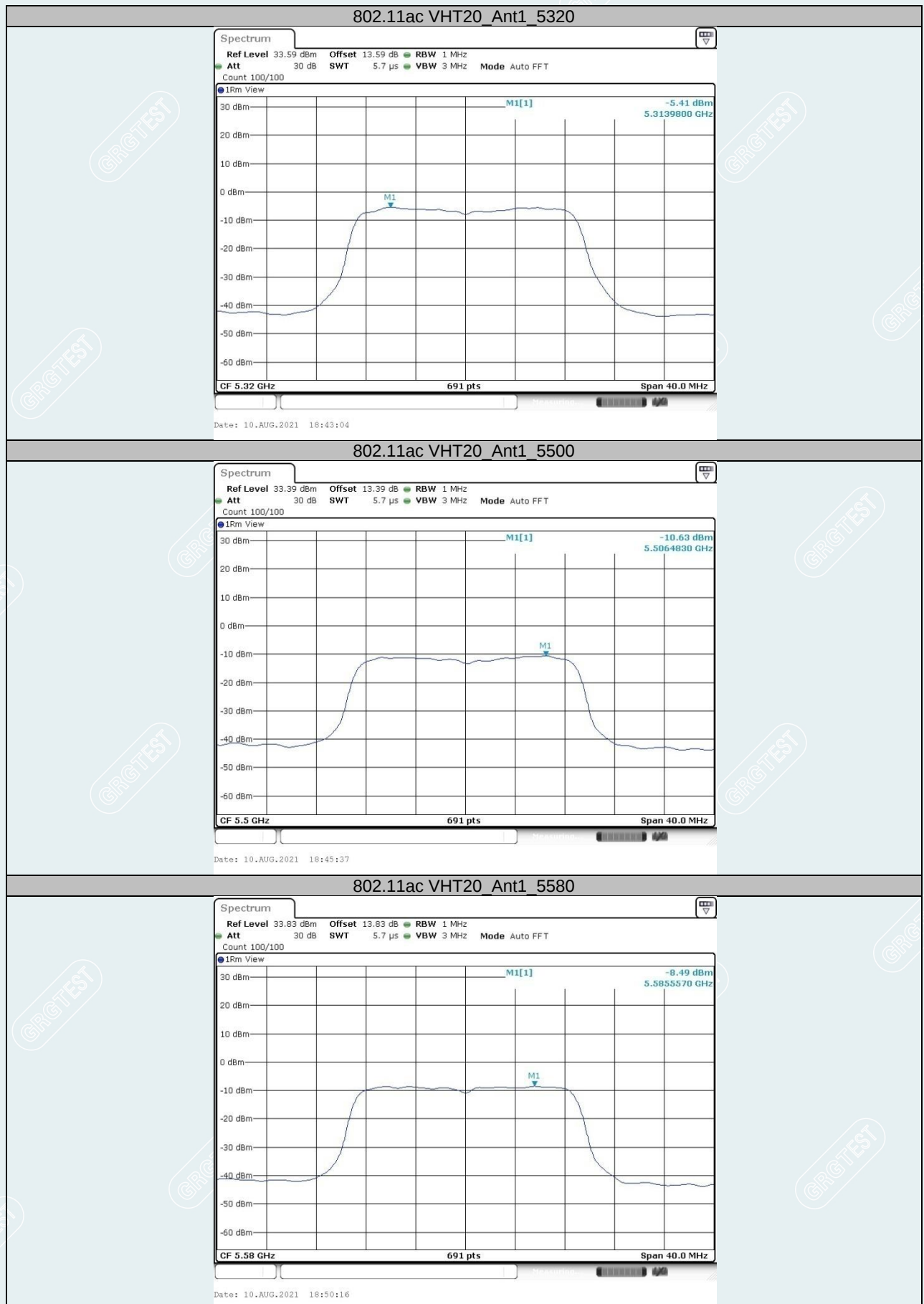


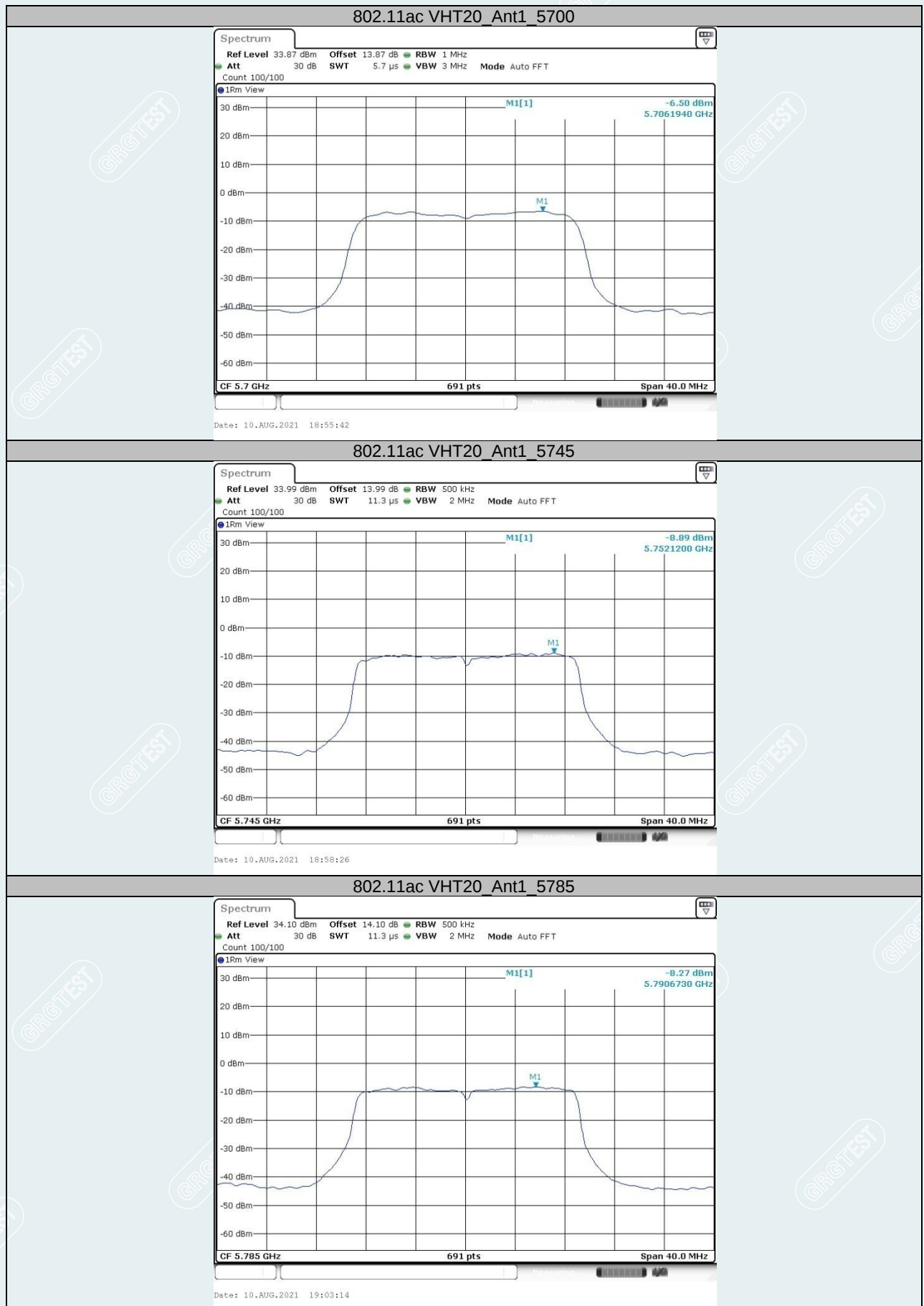


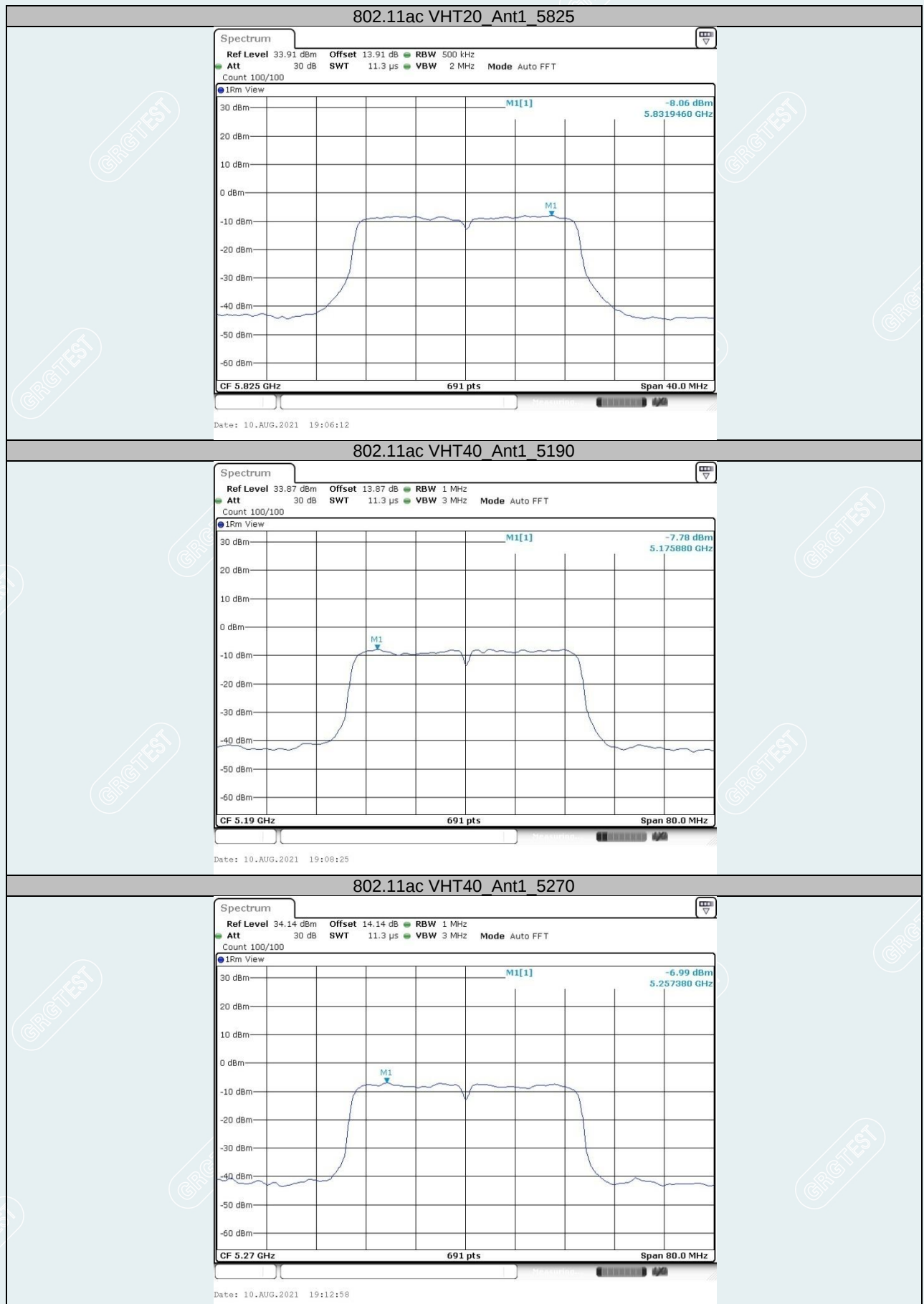


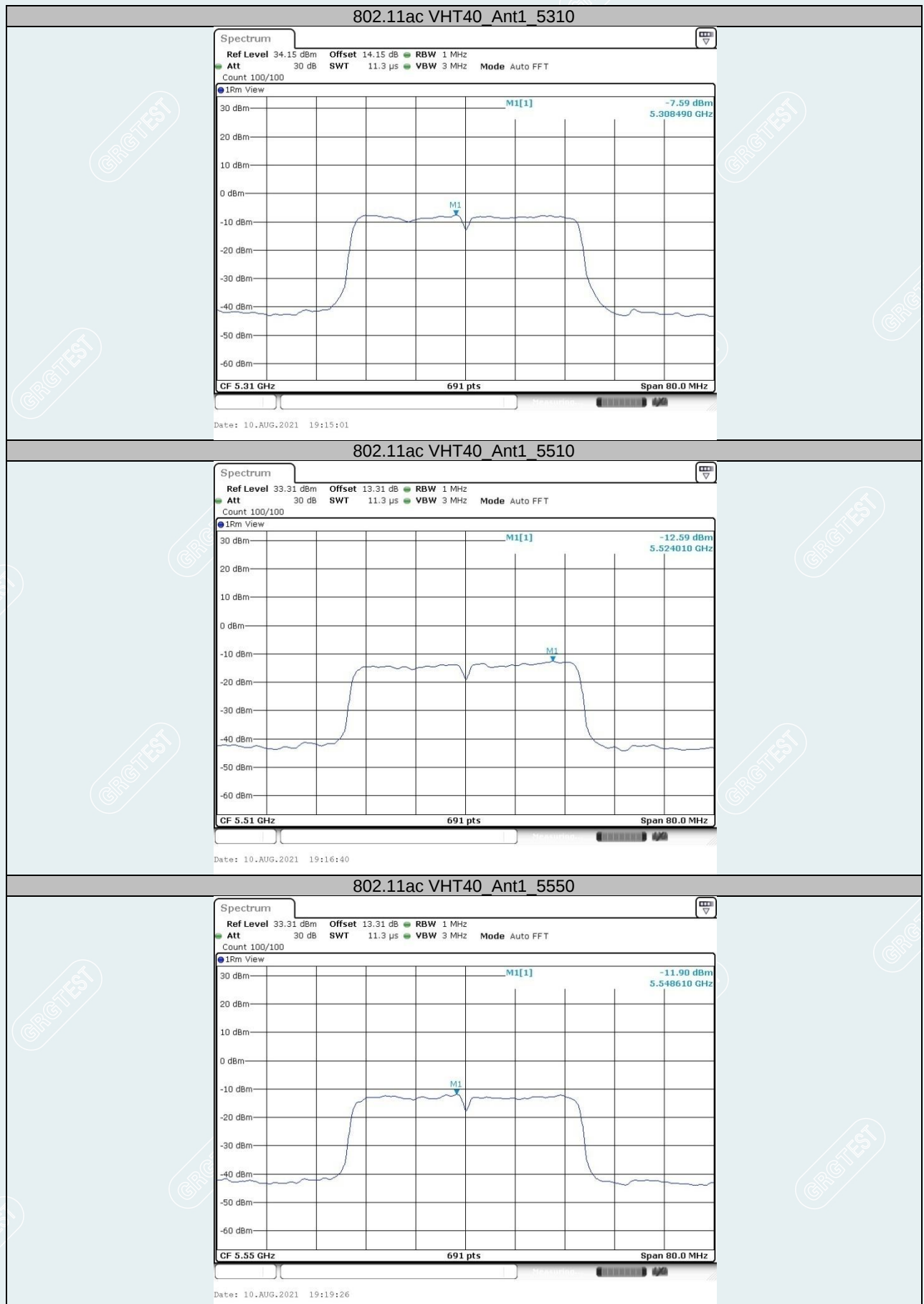


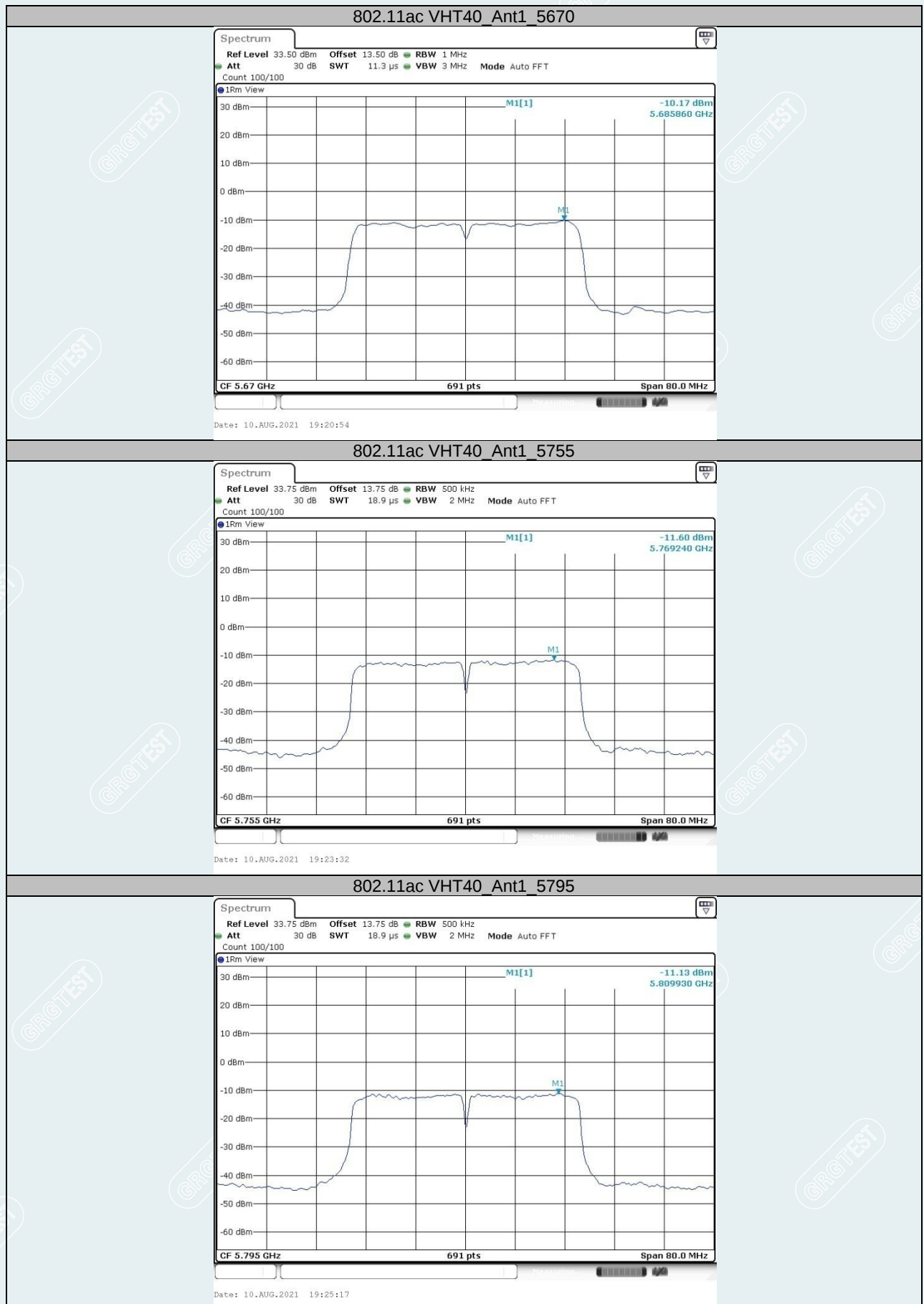


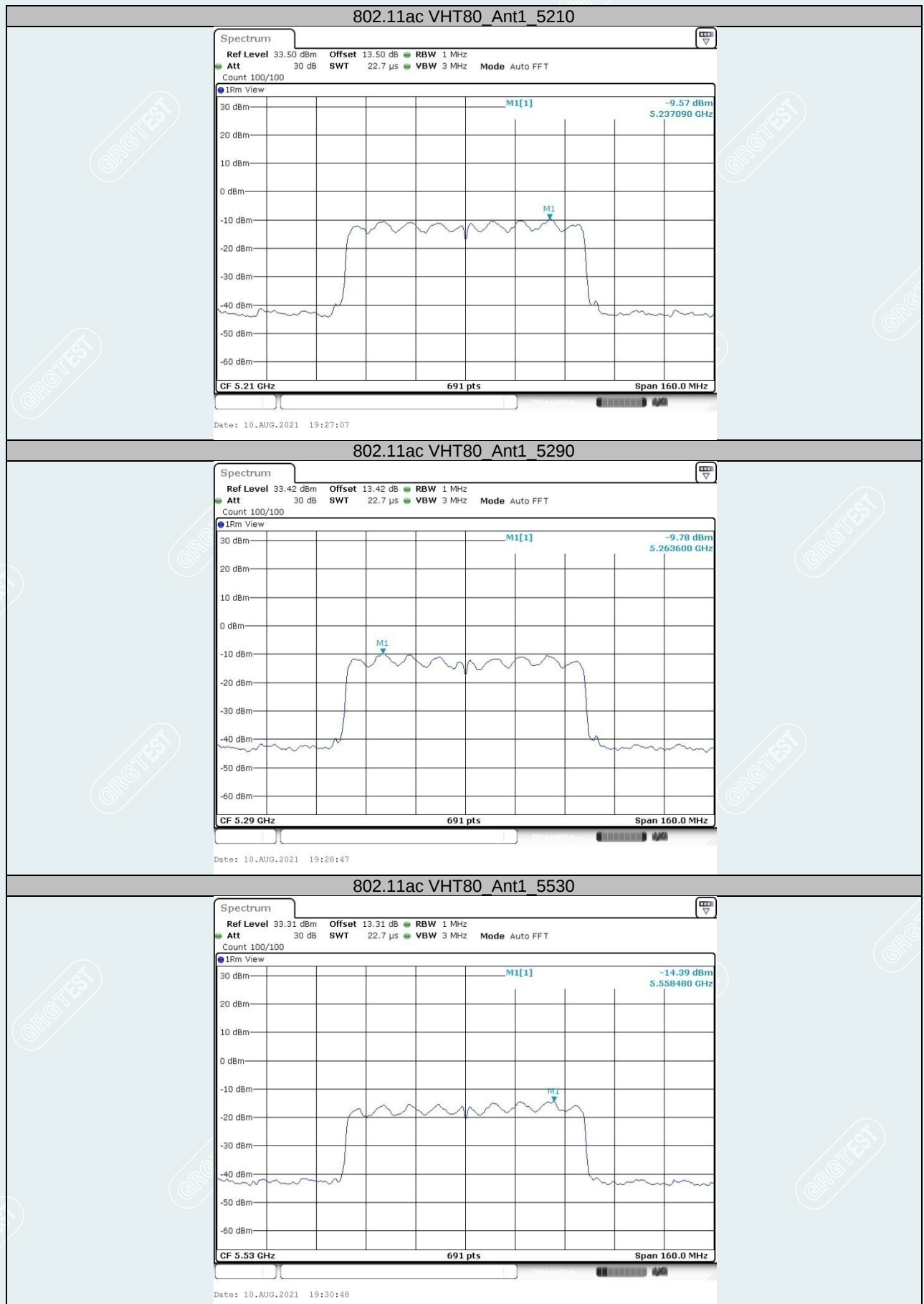


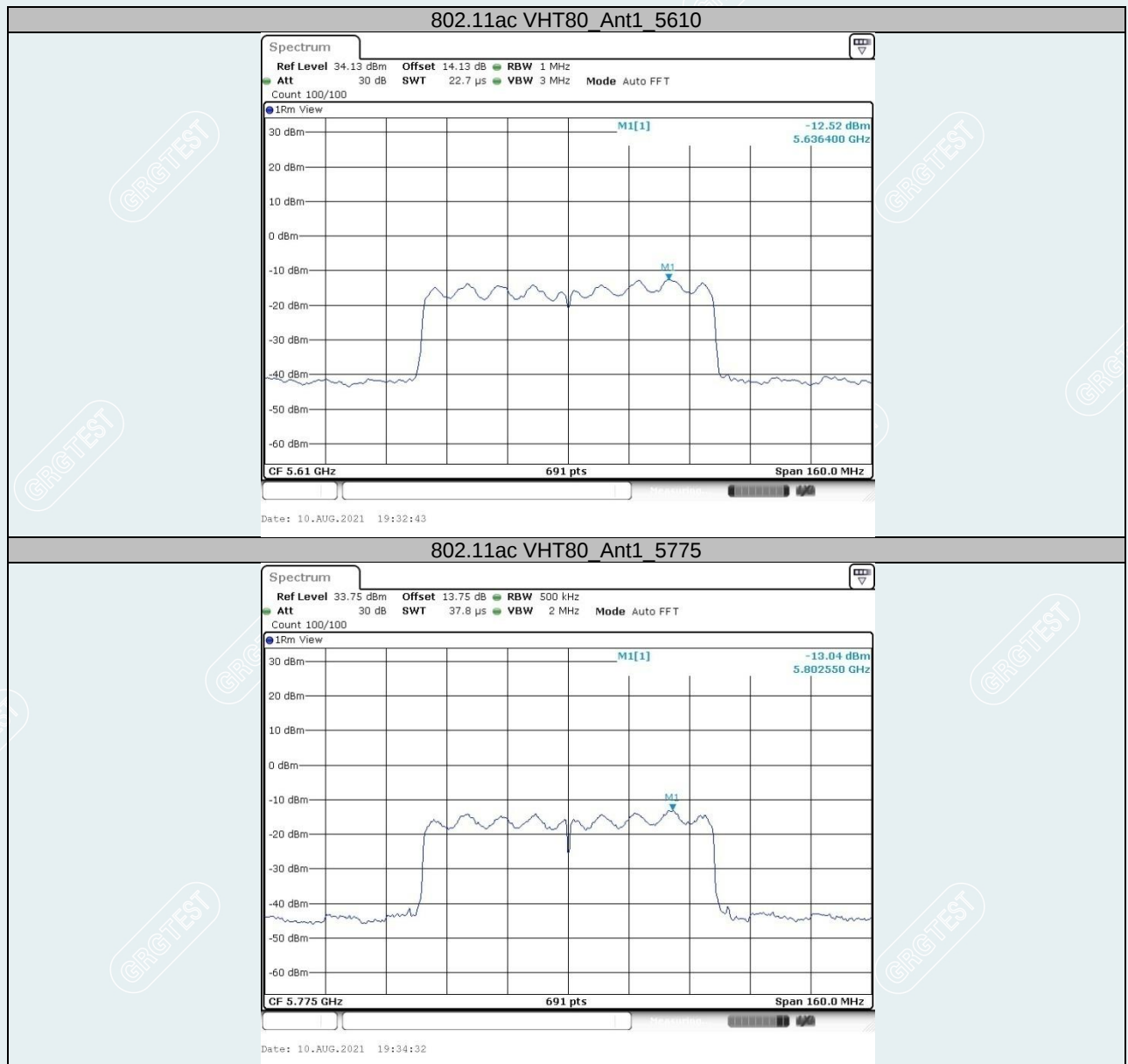












## 11. FREQUENCY STABILITY

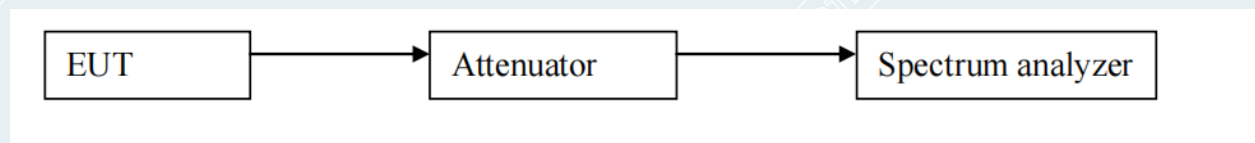
### 11.1.LIMITS

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

### 11.2.TEST PROCEDURES

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -10°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +40°C reached.

### 11.3.TEST SETUP



## 11.4.TEST RESULTS

| TestMode        | Antenna | Channel | Voltage       |                  |                |                 |             | Verdict |
|-----------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
|                 |         |         | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |         |
| 802.11a         | Ant1    | 5180    | NV            | NT               | -14000         | -2.702703       | 20          | PASS    |
|                 |         |         | LV            | NT               | -12000         | -2.316602       | 20          | PASS    |
|                 |         |         | HV            | NT               | -9000          | -1.737452       | 20          | PASS    |
|                 |         | 5200    | NV            | NT               | 27000          | 5.192308        | 20          | PASS    |
|                 |         |         | LV            | NT               | 28000          | 5.384615        | 20          | PASS    |
|                 |         |         | HV            | NT               | 29000          | 5.576923        | 20          | PASS    |
|                 |         | 5240    | NV            | NT               | 39000          | 7.442748        | 20          | PASS    |
|                 |         |         | LV            | NT               | 42000          | 8.015267        | 20          | PASS    |
|                 |         |         | HV            | NT               | 43000          | 8.206107        | 20          | PASS    |
|                 |         | 5260    | NV            | NT               | 39000          | 7.414449        | 20          | PASS    |
|                 |         |         | LV            | NT               | 44000          | 8.365019        | 20          | PASS    |
|                 |         |         | HV            | NT               | 45000          | 8.555133        | 20          | PASS    |
|                 |         | 5300    | NV            | NT               | 48000          | 9.056604        | 20          | PASS    |
|                 |         |         | LV            | NT               | 49000          | 9.245283        | 20          | PASS    |
|                 |         |         | HV            | NT               | 49000          | 9.245283        | 20          | PASS    |
|                 |         | 5320    | NV            | NT               | 45000          | 8.458647        | 20          | PASS    |
|                 |         |         | LV            | NT               | 47000          | 8.834586        | 20          | PASS    |
|                 |         |         | HV            | NT               | 49000          | 9.210526        | 20          | PASS    |
|                 |         | 5500    | NV            | NT               | 50000          | 9.090909        | 20          | PASS    |
|                 |         |         | LV            | NT               | 51900          | 9.436364        | 20          | PASS    |
|                 |         |         | HV            | NT               | 52900          | 9.618182        | 20          | PASS    |
|                 |         | 5580    | NV            | NT               | 49000          | 8.781362        | 20          | PASS    |
|                 |         |         | LV            | NT               | 51900          | 9.301075        | 20          | PASS    |
|                 |         |         | HV            | NT               | 52900          | 9.480287        | 20          | PASS    |
|                 |         | 5700    | NV            | NT               | 52900          | 9.280702        | 20          | PASS    |
|                 |         |         | LV            | NT               | 54900          | 9.631579        | 20          | PASS    |
|                 |         |         | HV            | NT               | 55900          | 9.807018        | 20          | PASS    |
|                 |         | 5745    | NV            | NT               | 51900          | 9.033943        | 20          | PASS    |
|                 |         |         | LV            | NT               | 53900          | 9.382071        | 20          | PASS    |
|                 |         |         | HV            | NT               | 54900          | 9.556136        | 20          | PASS    |
|                 |         | 5785    | NV            | NT               | 50900          | 8.798617        | 20          | PASS    |
|                 |         |         | LV            | NT               | 52900          | 9.144339        | 20          | PASS    |
|                 |         |         | HV            | NT               | 54900          | 9.490061        | 20          | PASS    |
|                 |         | 5825    | NV            | NT               | 51900          | 8.909871        | 20          | PASS    |
|                 |         |         | LV            | NT               | 54900          | 9.424893        | 20          | PASS    |
|                 |         |         | HV            | NT               | 55900          | 9.596567        | 20          | PASS    |
| 802.11n<br>HT20 | Ant1    | 5180    | NV            | NT               | 9000           | 1.737452        | 20          | PASS    |
|                 |         |         | LV            | NT               | 10000          | 1.930502        | 20          | PASS    |
|                 |         |         | HV            | NT               | 11000          | 2.123552        | 20          | PASS    |
|                 |         | 5200    | NV            | NT               | 35000          | 6.730769        | 20          | PASS    |
|                 |         |         | LV            | NT               | 35000          | 6.730769        | 20          | PASS    |
|                 |         |         | HV            | NT               | 35000          | 6.730769        | 20          | PASS    |
|                 |         | 5240    | NV            | NT               | 46000          | 8.778626        | 20          | PASS    |
|                 |         |         | LV            | NT               | 46000          | 8.778626        | 20          | PASS    |
|                 |         |         | HV            | NT               | 46000          | 8.778626        | 20          | PASS    |
|                 |         | 5260    | NV            | NT               | 49000          | 9.315589        | 20          | PASS    |
|                 |         |         | LV            | NT               | 49000          | 9.315589        | 20          | PASS    |
|                 |         |         | HV            | NT               | 49000          | 9.315589        | 20          | PASS    |
|                 |         | 5300    | NV            | NT               | 50900          | 9.603774        | 20          | PASS    |
|                 |         |         | LV            | NT               | 50900          | 9.603774        | 20          | PASS    |
|                 |         |         | HV            | NT               | 50900          | 9.603774        | 20          | PASS    |
|                 |         | 5320    | NV            | NT               | 53900          | 10.131579       | 20          | PASS    |
|                 |         |         | LV            | NT               | 53900          | 10.131579       | 20          | PASS    |
|                 |         |         | HV            | NT               | 53900          | 10.131579       | 20          | PASS    |
|                 |         | 5500    | NV            | NT               | 54900          | 9.981818        | 20          | PASS    |
|                 |         |         | LV            | NT               | 54900          | 9.981818        | 20          | PASS    |
|                 |         |         | HV            | NT               | 54900          | 9.981818        | 20          | PASS    |
|                 |         | 5580    | NV            | NT               | 56900          | 10.197133       | 20          | PASS    |

|                   |      |      |    |    |       |           |    |      |
|-------------------|------|------|----|----|-------|-----------|----|------|
|                   |      | 5700 | LV | NT | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | HV | NT | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | LV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | HV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      | 5745 | NV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | LV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | HV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      | 5785 | NV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | LV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | HV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      | 5825 | NV | NT | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | LV | NT | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | HV | NT | 59900 | 10.283262 | 20 | PASS |
| 802.11n<br>HT40   | Ant1 | 5190 | NV | NT | 45000 | 8.67052   | 20 | PASS |
|                   |      |      | LV | NT | 47000 | 9.055877  | 20 | PASS |
|                   |      |      | HV | NT | 48000 | 9.248555  | 20 | PASS |
|                   |      | 5230 | NV | NT | 45000 | 8.604207  | 20 | PASS |
|                   |      |      | LV | NT | 47000 | 8.986616  | 20 | PASS |
|                   |      |      | HV | NT | 48000 | 9.17782   | 20 | PASS |
|                   |      | 5270 | NV | NT | 43000 | 8.159393  | 20 | PASS |
|                   |      |      | LV | NT | 46000 | 8.728653  | 20 | PASS |
|                   |      |      | HV | NT | 47000 | 8.918406  | 20 | PASS |
|                   |      | 5310 | NV | NT | 46000 | 8.6629    | 20 | PASS |
|                   |      |      | LV | NT | 48000 | 9.039548  | 20 | PASS |
|                   |      |      | HV | NT | 50000 | 9.416196  | 20 | PASS |
|                   |      | 5510 | NV | NT | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | LV | NT | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | HV | NT | 49000 | 8.892922  | 20 | PASS |
|                   |      | 5550 | NV | NT | 11000 | 1.981982  | 20 | PASS |
|                   |      |      | LV | NT | 13000 | 2.342342  | 20 | PASS |
|                   |      |      | HV | NT | 14000 | 2.522523  | 20 | PASS |
|                   |      | 5670 | NV | NT | 29000 | 5.114638  | 20 | PASS |
|                   |      |      | LV | NT | 32000 | 5.643739  | 20 | PASS |
|                   |      |      | HV | NT | 34000 | 5.996473  | 20 | PASS |
|                   |      | 5755 | NV | NT | 40000 | 6.950478  | 20 | PASS |
|                   |      |      | LV | NT | 44000 | 7.645526  | 20 | PASS |
|                   |      |      | HV | NT | 45000 | 7.819288  | 20 | PASS |
|                   |      | 5795 | NV | NT | 36000 | 6.212252  | 20 | PASS |
|                   |      |      | LV | NT | 44000 | 7.592752  | 20 | PASS |
|                   |      |      | HV | NT | 47000 | 8.11044   | 20 | PASS |
| 802.11ac<br>VHT20 | Ant1 | 5180 | NV | NT | 17000 | 3.281853  | 20 | PASS |
|                   |      |      | LV | NT | 17000 | 3.281853  | 20 | PASS |
|                   |      |      | HV | NT | 18000 | 3.474903  | 20 | PASS |
|                   |      | 5200 | NV | NT | 39000 | 7.5       | 20 | PASS |
|                   |      |      | LV | NT | 40000 | 7.692308  | 20 | PASS |
|                   |      |      | HV | NT | 40000 | 7.692308  | 20 | PASS |
|                   |      | 5240 | NV | NT | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | LV | NT | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | HV | NT | 47000 | 8.969466  | 20 | PASS |
|                   |      | 5260 | NV | NT | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | LV | NT | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | HV | NT | 50000 | 9.505703  | 20 | PASS |
|                   |      | 5300 | NV | NT | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | LV | NT | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | HV | NT | 51900 | 9.792453  | 20 | PASS |
|                   |      | 5320 | NV | NT | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | LV | NT | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | HV | NT | 53900 | 10.131579 | 20 | PASS |
|                   |      | 5500 | NV | NT | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | LV | NT | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | HV | NT | 54900 | 9.981818  | 20 | PASS |
|                   |      | 5580 | NV | NT | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | LV | NT | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | HV | NT | 56900 | 10.197133 | 20 | PASS |

|                   |      |      |    |    |       |           |    |      |
|-------------------|------|------|----|----|-------|-----------|----|------|
|                   |      | 5700 | NV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | LV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | HV | NT | 59900 | 10.508772 | 20 | PASS |
|                   |      | 5745 | NV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | LV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | HV | NT | 57900 | 10.078329 | 20 | PASS |
|                   |      | 5785 | NV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | LV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | HV | NT | 58900 | 10.181504 | 20 | PASS |
|                   |      | 5825 | NV | NT | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | LV | NT | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | HV | NT | 59900 | 10.283262 | 20 | PASS |
| 802.11ac<br>VHT40 | Ant1 | 5190 | NV | NT | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | LV | NT | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | HV | NT | 50000 | 9.633911  | 20 | PASS |
|                   |      | 5230 | NV | NT | 50000 | 9.560229  | 20 | PASS |
|                   |      |      | LV | NT | 50000 | 9.560229  | 20 | PASS |
|                   |      |      | HV | NT | 50900 | 9.732314  | 20 | PASS |
|                   |      | 5270 | NV | NT | 50900 | 9.658444  | 20 | PASS |
|                   |      |      | LV | NT | 50900 | 9.658444  | 20 | PASS |
|                   |      |      | HV | NT | 51900 | 9.848197  | 20 | PASS |
|                   |      | 5310 | NV | NT | 52900 | 9.962335  | 20 | PASS |
|                   |      |      | LV | NT | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | HV | NT | 52900 | 9.962335  | 20 | PASS |
|                   |      | 5510 | NV | NT | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | LV | NT | 50000 | 9.07441   | 20 | PASS |
|                   |      |      | HV | NT | 50000 | 9.07441   | 20 | PASS |
|                   |      | 5550 | NV | NT | 20000 | 3.603604  | 20 | PASS |
|                   |      |      | LV | NT | 20000 | 3.603604  | 20 | PASS |
|                   |      |      | HV | NT | 21000 | 3.783784  | 20 | PASS |
|                   |      | 5670 | NV | NT | 44000 | 7.760141  | 20 | PASS |
|                   |      |      | LV | NT | 44000 | 7.760141  | 20 | PASS |
|                   |      |      | HV | NT | 45000 | 7.936508  | 20 | PASS |
|                   |      | 5755 | NV | NT | 49000 | 8.514335  | 20 | PASS |
|                   |      |      | LV | NT | 49000 | 8.514335  | 20 | PASS |
|                   |      |      | HV | NT | 49000 | 8.514335  | 20 | PASS |
|                   |      | 5795 | NV | NT | 51900 | 8.955997  | 20 | PASS |
|                   |      |      | LV | NT | 51900 | 8.955997  | 20 | PASS |
|                   |      |      | HV | NT | 51900 | 8.955997  | 20 | PASS |
| 802.11ac<br>VHT80 | Ant1 | 5210 | NV | NT | 42000 | 8.06142   | 20 | PASS |
|                   |      |      | LV | NT | 44000 | 8.445298  | 20 | PASS |
|                   |      |      | HV | NT | 45000 | 8.637236  | 20 | PASS |
|                   |      | 5290 | NV | NT | 42000 | 7.939509  | 20 | PASS |
|                   |      |      | LV | NT | 45000 | 8.506616  | 20 | PASS |
|                   |      |      | HV | NT | 46000 | 8.695652  | 20 | PASS |
|                   |      | 5530 | NV | NT | 46000 | 8.318264  | 20 | PASS |
|                   |      |      | LV | NT | 48000 | 8.679928  | 20 | PASS |
|                   |      |      | HV | NT | 48000 | 8.679928  | 20 | PASS |
|                   |      | 5610 | NV | NT | 48000 | 8.55615   | 20 | PASS |
|                   |      |      | LV | NT | 49000 | 8.734403  | 20 | PASS |
|                   |      |      | HV | NT | 50000 | 8.912656  | 20 | PASS |
|                   |      | 5775 | NV | NT | 52900 | 9.160173  | 20 | PASS |
|                   |      |      | LV | NT | 53900 | 9.333333  | 20 | PASS |
|                   |      |      | HV | NT | 53900 | 9.333333  | 20 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 802.11a     | Ant1    | 5180    | NV            | -10              | -3000          | -0.579151       | 20          | PASS    |
|             |         |         | NV            | 0                | -1000          | -0.19305        | 20          | PASS    |
|             |         |         | NV            | 10               | 1000           | 0.19305         | 20          | PASS    |
|             |         |         | NV            | 20               | 2000           | 0.3861          | 20          | PASS    |
|             |         |         | NV            | 30               | 4000           | 0.772201        | 20          | PASS    |
|             |         |         | NV            | 40               | 5000           | 0.965251        | 20          | PASS    |
|             |         | 5200    | NV            | -10              | 31000          | 5.961538        | 20          | PASS    |
|             |         |         | NV            | 0                | 32000          | 6.153846        | 20          | PASS    |
|             |         |         | NV            | 10               | 32000          | 6.153846        | 20          | PASS    |
|             |         |         | NV            | 20               | 33000          | 6.346154        | 20          | PASS    |
|             |         |         | NV            | 30               | 33000          | 6.346154        | 20          | PASS    |
|             |         |         | NV            | 40               | 34000          | 6.538462        | 20          | PASS    |
|             |         | 5240    | NV            | -10              | 45000          | 8.587786        | 20          | PASS    |
|             |         |         | NV            | 0                | 45000          | 8.587786        | 20          | PASS    |
|             |         |         | NV            | 10               | 45000          | 8.587786        | 20          | PASS    |
|             |         |         | NV            | 20               | 45000          | 8.587786        | 20          | PASS    |
|             |         |         | NV            | 30               | 45000          | 8.587786        | 20          | PASS    |
|             |         |         | NV            | 40               | 45000          | 8.587786        | 20          | PASS    |
|             |         | 5260    | NV            | -10              | 48000          | 9.125475        | 20          | PASS    |
|             |         |         | NV            | 0                | 48000          | 9.125475        | 20          | PASS    |
|             |         |         | NV            | 10               | 48000          | 9.125475        | 20          | PASS    |
|             |         |         | NV            | 20               | 49000          | 9.315589        | 20          | PASS    |
|             |         |         | NV            | 30               | 49000          | 9.315589        | 20          | PASS    |
|             |         |         | NV            | 40               | 49000          | 9.315589        | 20          | PASS    |
|             |         | 5300    | NV            | -10              | 50900          | 9.603774        | 20          | PASS    |
|             |         |         | NV            | 0                | 50900          | 9.603774        | 20          | PASS    |
|             |         |         | NV            | 10               | 50900          | 9.603774        | 20          | PASS    |
|             |         |         | NV            | 20               | 50900          | 9.603774        | 20          | PASS    |
|             |         |         | NV            | 30               | 50900          | 9.603774        | 20          | PASS    |
|             |         |         | NV            | 40               | 50900          | 9.603774        | 20          | PASS    |
|             |         | 5320    | NV            | -10              | 51900          | 9.755639        | 20          | PASS    |
|             |         |         | NV            | 0                | 51900          | 9.755639        | 20          | PASS    |
|             |         |         | NV            | 10               | 52900          | 9.943609        | 20          | PASS    |
|             |         |         | NV            | 20               | 52900          | 9.943609        | 20          | PASS    |
|             |         |         | NV            | 30               | 52900          | 9.943609        | 20          | PASS    |
|             |         |         | NV            | 40               | 53900          | 10.131579       | 20          | PASS    |
|             |         | 5500    | NV            | -10              | 53900          | 9.8             | 20          | PASS    |
|             |         |         | NV            | 0                | 54900          | 9.981818        | 20          | PASS    |
|             |         |         | NV            | 10               | 54900          | 9.981818        | 20          | PASS    |
|             |         |         | NV            | 20               | 54900          | 9.981818        | 20          | PASS    |
|             |         |         | NV            | 30               | 54900          | 9.981818        | 20          | PASS    |
|             |         |         | NV            | 40               | 54900          | 9.981818        | 20          | PASS    |
|             |         | 5580    | NV            | -10              | 54900          | 9.83871         | 20          | PASS    |
|             |         |         | NV            | 0                | 55900          | 10.017921       | 20          | PASS    |
|             |         |         | NV            | 10               | 55900          | 10.017921       | 20          | PASS    |
|             |         |         | NV            | 20               | 55900          | 10.017921       | 20          | PASS    |
|             |         |         | NV            | 30               | 55900          | 10.017921       | 20          | PASS    |
|             |         |         | NV            | 40               | 56900          | 10.197133       | 20          | PASS    |
|             |         | 5700    | NV            | -10              | 57900          | 10.157895       | 20          | PASS    |
|             |         |         | NV            | 0                | 58900          | 10.333333       | 20          | PASS    |
|             |         |         | NV            | 10               | 58900          | 10.333333       | 20          | PASS    |
|             |         |         | NV            | 20               | 58900          | 10.333333       | 20          | PASS    |
|             |         |         | NV            | 30               | 58900          | 10.333333       | 20          | PASS    |
|             |         |         | NV            | 40               | 59900          | 10.508772       | 20          | PASS    |
|             |         | 5745    | NV            | -10              | 56900          | 9.904265        | 20          | PASS    |
|             |         |         | NV            | 0                | 56900          | 9.904265        | 20          | PASS    |
|             |         |         | NV            | 10               | 56900          | 9.904265        | 20          | PASS    |
|             |         |         | NV            | 20               | 56900          | 9.904265        | 20          | PASS    |
|             |         |         | NV            | 30               | 56900          | 9.904265        | 20          | PASS    |

|                 |      |      |    |     |       |           |    |      |
|-----------------|------|------|----|-----|-------|-----------|----|------|
|                 |      |      | NV | 40  | 56900 | 9.904265  | 20 | PASS |
|                 |      | 5785 | NV | -10 | 56900 | 9.835782  | 20 | PASS |
|                 |      |      | NV | 0   | 57900 | 10.008643 | 20 | PASS |
|                 |      |      | NV | 10  | 57900 | 10.008643 | 20 | PASS |
|                 |      |      | NV | 20  | 57900 | 10.008643 | 20 | PASS |
|                 |      |      | NV | 30  | 57900 | 10.008643 | 20 | PASS |
|                 |      |      | NV | 40  | 57900 | 10.008643 | 20 | PASS |
|                 |      | 5825 | NV | -10 | 57900 | 9.939914  | 20 | PASS |
|                 |      |      | NV | 0   | 58900 | 10.111588 | 20 | PASS |
|                 |      |      | NV | 10  | 58900 | 10.111588 | 20 | PASS |
|                 |      |      | NV | 20  | 58900 | 10.111588 | 20 | PASS |
|                 |      |      | NV | 30  | 58900 | 10.111588 | 20 | PASS |
|                 |      |      | NV | 40  | 58900 | 10.111588 | 20 | PASS |
| 802.11n<br>HT20 | Ant1 | 5180 | NV | -10 | 13000 | 2.509653  | 20 | PASS |
|                 |      |      | NV | 0   | 14000 | 2.702703  | 20 | PASS |
|                 |      |      | NV | 10  | 14000 | 2.702703  | 20 | PASS |
|                 |      |      | NV | 20  | 15000 | 2.895753  | 20 | PASS |
|                 |      |      | NV | 30  | 15000 | 2.895753  | 20 | PASS |
|                 |      |      | NV | 40  | 16000 | 3.088803  | 20 | PASS |
|                 |      | 5200 | NV | -10 | 37000 | 7.115385  | 20 | PASS |
|                 |      |      | NV | 0   | 37000 | 7.115385  | 20 | PASS |
|                 |      |      | NV | 10  | 37000 | 7.115385  | 20 | PASS |
|                 |      |      | NV | 20  | 38000 | 7.307692  | 20 | PASS |
|                 |      |      | NV | 30  | 38000 | 7.307692  | 20 | PASS |
|                 |      |      | NV | 40  | 39000 | 7.5       | 20 | PASS |
|                 |      | 5240 | NV | -10 | 46000 | 8.778626  | 20 | PASS |
|                 |      |      | NV | 0   | 46000 | 8.778626  | 20 | PASS |
|                 |      |      | NV | 10  | 46000 | 8.778626  | 20 | PASS |
|                 |      |      | NV | 20  | 47000 | 8.969466  | 20 | PASS |
|                 |      |      | NV | 30  | 46000 | 8.778626  | 20 | PASS |
|                 |      |      | NV | 40  | 47000 | 8.969466  | 20 | PASS |
|                 |      | 5260 | NV | -10 | 50000 | 9.505703  | 20 | PASS |
|                 |      |      | NV | 0   | 50000 | 9.505703  | 20 | PASS |
|                 |      |      | NV | 10  | 50000 | 9.505703  | 20 | PASS |
|                 |      |      | NV | 20  | 50000 | 9.505703  | 20 | PASS |
|                 |      |      | NV | 30  | 50000 | 9.505703  | 20 | PASS |
|                 |      |      | NV | 40  | 50000 | 9.505703  | 20 | PASS |
|                 |      | 5300 | NV | -10 | 51900 | 9.792453  | 20 | PASS |
|                 |      |      | NV | 0   | 51900 | 9.792453  | 20 | PASS |
|                 |      |      | NV | 10  | 51900 | 9.792453  | 20 | PASS |
|                 |      |      | NV | 20  | 51900 | 9.792453  | 20 | PASS |
|                 |      |      | NV | 30  | 51900 | 9.792453  | 20 | PASS |
|                 |      |      | NV | 40  | 51900 | 9.792453  | 20 | PASS |
|                 |      | 5320 | NV | -10 | 53900 | 10.131579 | 20 | PASS |
|                 |      |      | NV | 0   | 53900 | 10.131579 | 20 | PASS |
|                 |      |      | NV | 10  | 53900 | 10.131579 | 20 | PASS |
|                 |      |      | NV | 20  | 53900 | 10.131579 | 20 | PASS |
|                 |      |      | NV | 30  | 54900 | 10.319549 | 20 | PASS |
|                 |      |      | NV | 40  | 54900 | 10.319549 | 20 | PASS |
|                 |      | 5500 | NV | -10 | 54900 | 9.981818  | 20 | PASS |
|                 |      |      | NV | 0   | 54900 | 9.981818  | 20 | PASS |
|                 |      |      | NV | 10  | 54900 | 9.981818  | 20 | PASS |
|                 |      |      | NV | 20  | 54900 | 9.981818  | 20 | PASS |
|                 |      |      | NV | 30  | 55900 | 10.163636 | 20 | PASS |
|                 |      |      | NV | 40  | 54900 | 9.981818  | 20 | PASS |
|                 |      | 5580 | NV | -10 | 56900 | 10.197133 | 20 | PASS |
|                 |      |      | NV | 0   | 56900 | 10.197133 | 20 | PASS |
|                 |      |      | NV | 10  | 56900 | 10.197133 | 20 | PASS |
|                 |      |      | NV | 20  | 56900 | 10.197133 | 20 | PASS |
|                 |      |      | NV | 30  | 56900 | 10.197133 | 20 | PASS |
|                 |      |      | NV | 40  | 56900 | 10.197133 | 20 | PASS |
|                 |      | 5700 | NV | -10 | 59900 | 10.508772 | 20 | PASS |
|                 |      |      | NV | 0   | 59900 | 10.508772 | 20 | PASS |
|                 |      |      | NV | 10  | 59900 | 10.508772 | 20 | PASS |
|                 |      |      | NV | 20  | 59900 | 10.508772 | 20 | PASS |

|                 |      |      |    |     |       |           |    |      |
|-----------------|------|------|----|-----|-------|-----------|----|------|
|                 |      |      | NV | 30  | 59900 | 10.508772 | 20 | PASS |
|                 |      |      | NV | 40  | 59900 | 10.508772 | 20 | PASS |
|                 |      | 5745 | NV | -10 | 57900 | 10.078329 | 20 | PASS |
|                 |      |      | NV | 0   | 57900 | 10.078329 | 20 | PASS |
|                 |      |      | NV | 10  | 57900 | 10.078329 | 20 | PASS |
|                 |      |      | NV | 20  | 57900 | 10.078329 | 20 | PASS |
|                 |      |      | NV | 30  | 57900 | 10.078329 | 20 | PASS |
|                 |      |      | NV | 40  | 57900 | 10.078329 | 20 | PASS |
|                 |      | 5785 | NV | -10 | 58900 | 10.181504 | 20 | PASS |
|                 |      |      | NV | 0   | 58900 | 10.181504 | 20 | PASS |
|                 |      |      | NV | 10  | 58900 | 10.181504 | 20 | PASS |
|                 |      |      | NV | 20  | 58900 | 10.181504 | 20 | PASS |
|                 |      |      | NV | 30  | 58900 | 10.181504 | 20 | PASS |
|                 |      |      | NV | 40  | 58900 | 10.181504 | 20 | PASS |
|                 |      | 5825 | NV | -10 | 59900 | 10.283262 | 20 | PASS |
|                 |      |      | NV | 0   | 59900 | 10.283262 | 20 | PASS |
|                 |      |      | NV | 10  | 59900 | 10.283262 | 20 | PASS |
|                 |      |      | NV | 20  | 59900 | 10.283262 | 20 | PASS |
|                 |      |      | NV | 30  | 59900 | 10.283262 | 20 | PASS |
|                 |      |      | NV | 40  | 59900 | 10.283262 | 20 | PASS |
| 802.11n<br>HT40 | Ant1 | 5190 | NV | -10 | 49000 | 9.441233  | 20 | PASS |
|                 |      |      | NV | 0   | 49000 | 9.441233  | 20 | PASS |
|                 |      |      | NV | 10  | 49000 | 9.441233  | 20 | PASS |
|                 |      |      | NV | 20  | 49000 | 9.441233  | 20 | PASS |
|                 |      |      | NV | 30  | 50000 | 9.633911  | 20 | PASS |
|                 |      |      | NV | 40  | 50000 | 9.633911  | 20 | PASS |
|                 |      | 5230 | NV | -10 | 49000 | 9.369025  | 20 | PASS |
|                 |      |      | NV | 0   | 49000 | 9.369025  | 20 | PASS |
|                 |      |      | NV | 10  | 50000 | 9.560229  | 20 | PASS |
|                 |      |      | NV | 20  | 50000 | 9.560229  | 20 | PASS |
|                 |      |      | NV | 30  | 50000 | 9.560229  | 20 | PASS |
|                 |      |      | NV | 40  | 50000 | 9.560229  | 20 | PASS |
|                 |      | 5270 | NV | -10 | 50000 | 9.487666  | 20 | PASS |
|                 |      |      | NV | 0   | 50000 | 9.487666  | 20 | PASS |
|                 |      |      | NV | 10  | 50900 | 9.658444  | 20 | PASS |
|                 |      |      | NV | 20  | 50900 | 9.658444  | 20 | PASS |
|                 |      |      | NV | 30  | 50900 | 9.658444  | 20 | PASS |
|                 |      |      | NV | 40  | 50900 | 9.658444  | 20 | PASS |
|                 |      | 5310 | NV | -10 | 51900 | 9.774011  | 20 | PASS |
|                 |      |      | NV | 0   | 51900 | 9.774011  | 20 | PASS |
|                 |      |      | NV | 10  | 52900 | 9.962335  | 20 | PASS |
|                 |      |      | NV | 20  | 52900 | 9.962335  | 20 | PASS |
|                 |      |      | NV | 30  | 52900 | 9.962335  | 20 | PASS |
|                 |      |      | NV | 40  | 52900 | 9.962335  | 20 | PASS |
|                 |      | 5510 | NV | -10 | 50000 | 9.07441   | 20 | PASS |
|                 |      |      | NV | 0   | 50000 | 9.07441   | 20 | PASS |
|                 |      |      | NV | 10  | 50000 | 9.07441   | 20 | PASS |
|                 |      |      | NV | 20  | 49000 | 8.892922  | 20 | PASS |
|                 |      |      | NV | 30  | 50000 | 9.07441   | 20 | PASS |
|                 |      |      | NV | 40  | 50000 | 9.07441   | 20 | PASS |
|                 |      | 5550 | NV | -10 | 16000 | 2.882883  | 20 | PASS |
|                 |      |      | NV | 0   | 17000 | 3.063063  | 20 | PASS |
|                 |      |      | NV | 10  | 18000 | 3.243243  | 20 | PASS |
|                 |      |      | NV | 20  | 18000 | 3.243243  | 20 | PASS |
|                 |      |      | NV | 30  | 19000 | 3.423423  | 20 | PASS |
|                 |      |      | NV | 40  | 19000 | 3.423423  | 20 | PASS |
|                 |      | 5670 | NV | -10 | 38000 | 6.70194   | 20 | PASS |
|                 |      |      | NV | 0   | 39000 | 6.878307  | 20 | PASS |
|                 |      |      | NV | 10  | 40000 | 7.054674  | 20 | PASS |
|                 |      |      | NV | 20  | 41000 | 7.231041  | 20 | PASS |
|                 |      |      | NV | 30  | 42000 | 7.407407  | 20 | PASS |
|                 |      |      | NV | 40  | 42000 | 7.407407  | 20 | PASS |
|                 |      | 5755 | NV | -10 | 48000 | 8.340573  | 20 | PASS |
|                 |      |      | NV | 0   | 48000 | 8.340573  | 20 | PASS |
|                 |      |      | NV | 10  | 48000 | 8.340573  | 20 | PASS |

|                   |      |      |    |     |       |           |    |      |
|-------------------|------|------|----|-----|-------|-----------|----|------|
|                   |      |      | NV | 20  | 49000 | 8.514335  | 20 | PASS |
|                   |      |      | NV | 30  | 49000 | 8.514335  | 20 | PASS |
|                   |      |      | NV | 40  | 49000 | 8.514335  | 20 | PASS |
|                   |      | 5795 | NV | -10 | 50000 | 8.628128  | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 8.628128  | 20 | PASS |
|                   |      |      | NV | 10  | 50900 | 8.783434  | 20 | PASS |
|                   |      |      | NV | 20  | 50900 | 8.783434  | 20 | PASS |
|                   |      |      | NV | 30  | 50900 | 8.783434  | 20 | PASS |
|                   |      |      | NV | 40  | 50900 | 8.783434  | 20 | PASS |
|                   |      |      | NV | 40  | 50900 | 8.783434  | 20 | PASS |
| 802.11ac<br>VHT20 | Ant1 | 5180 | NV | -10 | 19000 | 3.667954  | 20 | PASS |
|                   |      |      | NV | 0   | 19000 | 3.667954  | 20 | PASS |
|                   |      |      | NV | 10  | 20000 | 3.861004  | 20 | PASS |
|                   |      |      | NV | 20  | 20000 | 3.861004  | 20 | PASS |
|                   |      |      | NV | 30  | 21000 | 4.054054  | 20 | PASS |
|                   |      |      | NV | 40  | 21000 | 4.054054  | 20 | PASS |
|                   |      | 5200 | NV | -10 | 41000 | 7.884615  | 20 | PASS |
|                   |      |      | NV | 0   | 41000 | 7.884615  | 20 | PASS |
|                   |      |      | NV | 10  | 41000 | 7.884615  | 20 | PASS |
|                   |      |      | NV | 20  | 41000 | 7.884615  | 20 | PASS |
|                   |      |      | NV | 30  | 42000 | 8.076923  | 20 | PASS |
|                   |      |      | NV | 40  | 42000 | 8.076923  | 20 | PASS |
|                   |      | 5240 | NV | -10 | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | NV | 0   | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | NV | 10  | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | NV | 20  | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | NV | 30  | 47000 | 8.969466  | 20 | PASS |
|                   |      |      | NV | 40  | 47000 | 8.969466  | 20 | PASS |
|                   |      | 5260 | NV | -10 | 50900 | 9.676806  | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | NV | 10  | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | NV | 20  | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | NV | 30  | 50000 | 9.505703  | 20 | PASS |
|                   |      |      | NV | 40  | 50900 | 9.676806  | 20 | PASS |
|                   |      | 5300 | NV | -10 | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | NV | 0   | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | NV | 10  | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | NV | 20  | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | NV | 30  | 51900 | 9.792453  | 20 | PASS |
|                   |      |      | NV | 40  | 51900 | 9.792453  | 20 | PASS |
|                   |      | 5320 | NV | -10 | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | NV | 0   | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | NV | 10  | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | NV | 20  | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | NV | 30  | 54900 | 10.319549 | 20 | PASS |
|                   |      |      | NV | 40  | 54900 | 10.319549 | 20 | PASS |
|                   |      | 5500 | NV | -10 | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | NV | 0   | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | NV | 10  | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | NV | 20  | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | NV | 30  | 55900 | 10.163636 | 20 | PASS |
|                   |      |      | NV | 40  | 55900 | 10.163636 | 20 | PASS |
|                   |      | 5580 | NV | -10 | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | 0   | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | 10  | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | 20  | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | 30  | 56900 | 10.197133 | 20 | PASS |
|                   |      |      | NV | 40  | 56900 | 10.197133 | 20 | PASS |
|                   |      | 5700 | NV | -10 | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | NV | 0   | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | NV | 10  | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | NV | 20  | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | NV | 30  | 59900 | 10.508772 | 20 | PASS |
|                   |      |      | NV | 40  | 59900 | 10.508772 | 20 | PASS |
|                   |      | 5745 | NV | -10 | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | NV | 0   | 57900 | 10.078329 | 20 | PASS |

|                   |      |      |    |     |       |           |    |      |
|-------------------|------|------|----|-----|-------|-----------|----|------|
|                   |      |      | NV | 10  | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | NV | 20  | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | NV | 30  | 57900 | 10.078329 | 20 | PASS |
|                   |      |      | NV | 40  | 57900 | 10.078329 | 20 | PASS |
|                   |      | 5785 | NV | -10 | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | NV | 0   | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | NV | 10  | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | NV | 20  | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | NV | 30  | 58900 | 10.181504 | 20 | PASS |
|                   |      |      | NV | 40  | 58900 | 10.181504 | 20 | PASS |
|                   |      | 5825 | NV | -10 | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | NV | 0   | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | NV | 10  | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | NV | 20  | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | NV | 30  | 59900 | 10.283262 | 20 | PASS |
|                   |      |      | NV | 40  | 59900 | 10.283262 | 20 | PASS |
| 802.11ac<br>VHT40 | Ant1 | 5190 | NV | -10 | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | NV | 10  | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | NV | 20  | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | NV | 30  | 50000 | 9.633911  | 20 | PASS |
|                   |      |      | NV | 40  | 50000 | 9.633911  | 20 | PASS |
|                   |      | 5230 | NV | -10 | 50000 | 9.560229  | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 9.560229  | 20 | PASS |
|                   |      |      | NV | 10  | 50000 | 9.560229  | 20 | PASS |
|                   |      |      | NV | 20  | 50900 | 9.732314  | 20 | PASS |
|                   |      |      | NV | 30  | 50900 | 9.732314  | 20 | PASS |
|                   |      |      | NV | 40  | 50000 | 9.560229  | 20 | PASS |
|                   |      | 5270 | NV | -10 | 51900 | 9.848197  | 20 | PASS |
|                   |      |      | NV | 0   | 51900 | 9.848197  | 20 | PASS |
|                   |      |      | NV | 10  | 51900 | 9.848197  | 20 | PASS |
|                   |      |      | NV | 20  | 51900 | 9.848197  | 20 | PASS |
|                   |      |      | NV | 30  | 51900 | 9.848197  | 20 | PASS |
|                   |      |      | NV | 40  | 51900 | 9.848197  | 20 | PASS |
|                   |      | 5310 | NV | -10 | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | NV | 0   | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | NV | 10  | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | NV | 20  | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | NV | 30  | 53900 | 10.150659 | 20 | PASS |
|                   |      |      | NV | 40  | 53900 | 10.150659 | 20 | PASS |
|                   |      | 5510 | NV | -10 | 50000 | 9.07441   | 20 | PASS |
|                   |      |      | NV | 0   | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | NV | 10  | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | NV | 20  | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | NV | 30  | 49000 | 8.892922  | 20 | PASS |
|                   |      |      | NV | 40  | 49000 | 8.892922  | 20 | PASS |
|                   |      | 5550 | NV | -10 | 23000 | 4.144144  | 20 | PASS |
|                   |      |      | NV | 0   | 23000 | 4.144144  | 20 | PASS |
|                   |      |      | NV | 10  | 23000 | 4.144144  | 20 | PASS |
|                   |      |      | NV | 20  | 24000 | 4.324324  | 20 | PASS |
|                   |      |      | NV | 30  | 25000 | 4.504505  | 20 | PASS |
|                   |      |      | NV | 40  | 25000 | 4.504505  | 20 | PASS |
|                   |      | 5670 | NV | -10 | 45000 | 7.936508  | 20 | PASS |
|                   |      |      | NV | 0   | 46000 | 8.112875  | 20 | PASS |
|                   |      |      | NV | 10  | 46000 | 8.112875  | 20 | PASS |
|                   |      |      | NV | 20  | 47000 | 8.289242  | 20 | PASS |
|                   |      |      | NV | 30  | 47000 | 8.289242  | 20 | PASS |
|                   |      |      | NV | 40  | 47000 | 8.289242  | 20 | PASS |
|                   |      | 5755 | NV | -10 | 50000 | 8.688097  | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 8.688097  | 20 | PASS |
|                   |      |      | NV | 10  | 50000 | 8.688097  | 20 | PASS |
|                   |      |      | NV | 20  | 50000 | 8.688097  | 20 | PASS |
|                   |      |      | NV | 30  | 50000 | 8.688097  | 20 | PASS |
|                   |      |      | NV | 40  | 50000 | 8.688097  | 20 | PASS |
|                   |      | 5795 | NV | -10 | 51900 | 8.955997  | 20 | PASS |

|                   |      |      |    |     |       |          |    |      |
|-------------------|------|------|----|-----|-------|----------|----|------|
| 802.11ac<br>VHT80 | Ant1 |      | NV | 0   | 51900 | 8.955997 | 20 | PASS |
|                   |      |      | NV | 10  | 51900 | 8.955997 | 20 | PASS |
|                   |      |      | NV | 20  | 51900 | 8.955997 | 20 | PASS |
|                   |      |      | NV | 30  | 51900 | 8.955997 | 20 | PASS |
|                   |      |      | NV | 40  | 51900 | 8.955997 | 20 | PASS |
|                   |      | 5210 | NV | -10 | 45000 | 8.637236 | 20 | PASS |
|                   |      |      | NV | 0   | 46000 | 8.829175 | 20 | PASS |
|                   |      |      | NV | 10  | 46000 | 8.829175 | 20 | PASS |
|                   |      |      | NV | 20  | 46000 | 8.829175 | 20 | PASS |
|                   |      |      | NV | 30  | 46000 | 8.829175 | 20 | PASS |
|                   |      | 5290 | NV | 40  | 46000 | 8.829175 | 20 | PASS |
|                   |      |      | NV | -10 | 47000 | 8.884688 | 20 | PASS |
|                   |      |      | NV | 0   | 48000 | 9.073724 | 20 | PASS |
|                   |      |      | NV | 10  | 48000 | 9.073724 | 20 | PASS |
|                   |      |      | NV | 20  | 48000 | 9.073724 | 20 | PASS |
|                   |      | 5530 | NV | 30  | 48000 | 9.073724 | 20 | PASS |
|                   |      |      | NV | 40  | 48000 | 9.073724 | 20 | PASS |
|                   |      |      | NV | -10 | 50000 | 9.041591 | 20 | PASS |
|                   |      |      | NV | 0   | 50000 | 9.041591 | 20 | PASS |
|                   |      |      | NV | 10  | 50000 | 9.041591 | 20 | PASS |
|                   |      | 5610 | NV | 20  | 50000 | 9.041591 | 20 | PASS |
|                   |      |      | NV | 30  | 50000 | 9.041591 | 20 | PASS |
|                   |      |      | NV | 40  | 50900 | 9.20434  | 20 | PASS |
|                   |      |      | NV | -10 | 51900 | 9.251337 | 20 | PASS |
|                   |      |      | NV | 0   | 51900 | 9.251337 | 20 | PASS |
|                   |      | 5775 | NV | 10  | 51900 | 9.251337 | 20 | PASS |
|                   |      |      | NV | 20  | 51900 | 9.251337 | 20 | PASS |
|                   |      |      | NV | 30  | 52900 | 9.42959  | 20 | PASS |
|                   |      |      | NV | 40  | 52900 | 9.42959  | 20 | PASS |
|                   |      |      | NV | -10 | 54900 | 9.506494 | 20 | PASS |
|                   |      |      | NV | 0   | 54900 | 9.506494 | 20 | PASS |
|                   |      |      | NV | 10  | 54900 | 9.506494 | 20 | PASS |
|                   |      |      | NV | 20  | 54900 | 9.506494 | 20 | PASS |
|                   |      |      | NV | 30  | 54900 | 9.506494 | 20 | PASS |
|                   |      |      | NV | 40  | 54900 | 9.506494 | 20 | PASS |

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