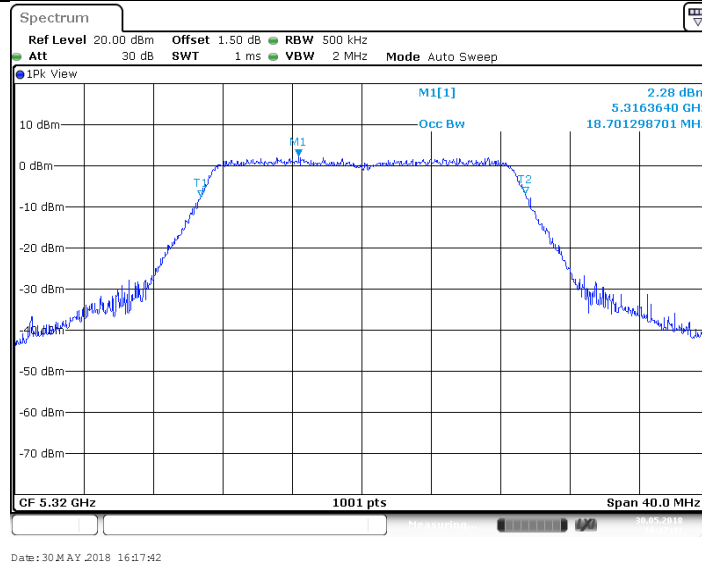
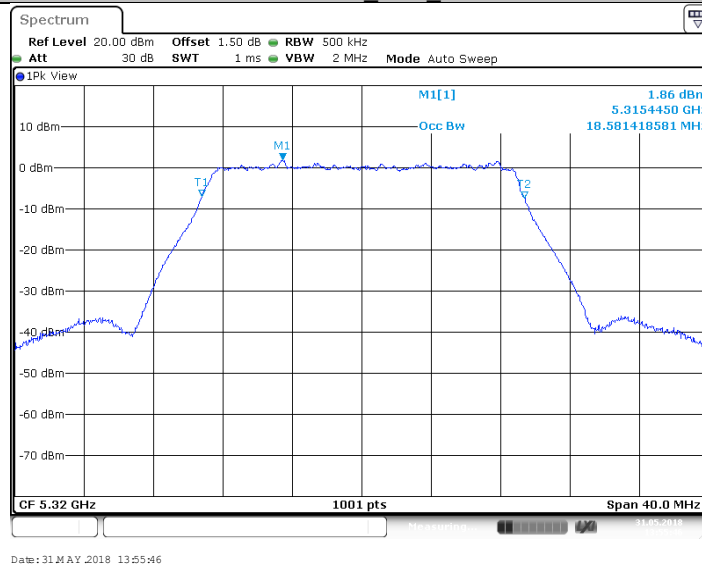


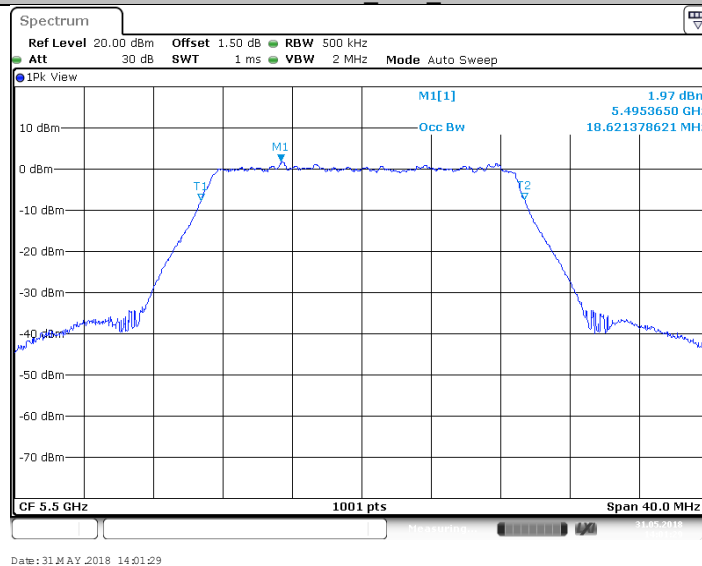
## 11n HT20\_Ant1\_5320



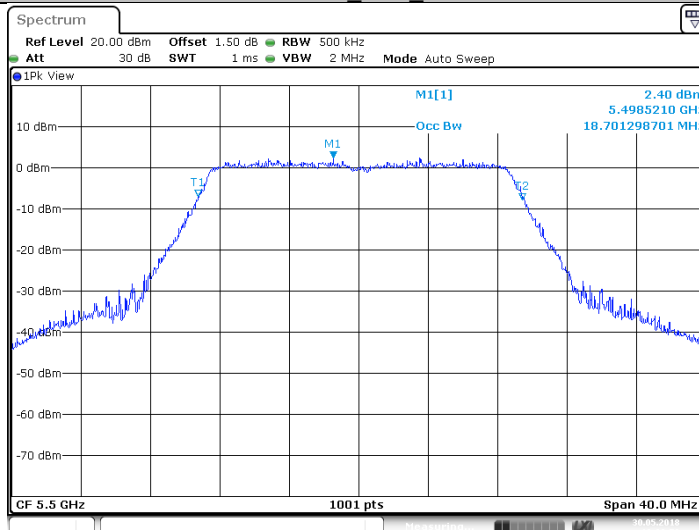
## 11ac VHT20\_Ant1\_5320



## 11ac VHT20\_Ant1\_5500

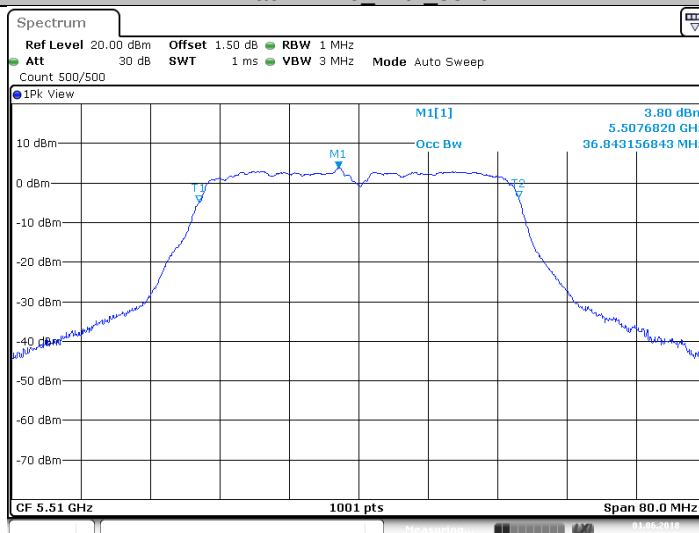


## 11n HT20\_Ant1\_5500



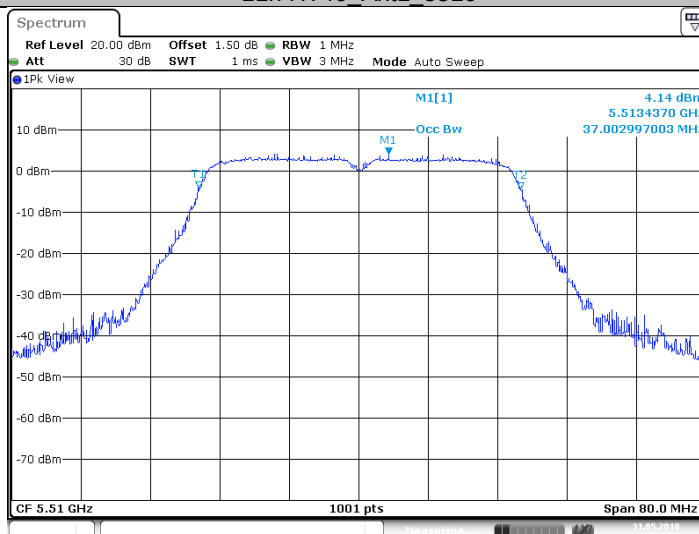
Date:30 MAY 2018 16:22:59

## 11ac VHT40\_Ant1\_5510



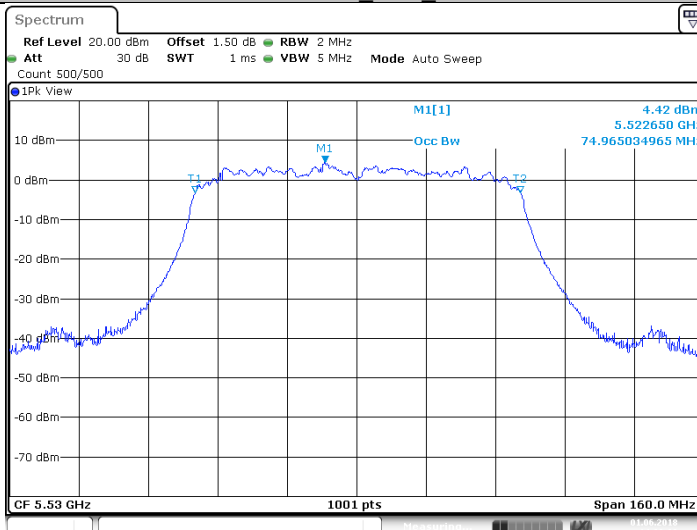
Date:1 JUN 2018 13:36:41

## 11n HT40\_Ant1\_5510



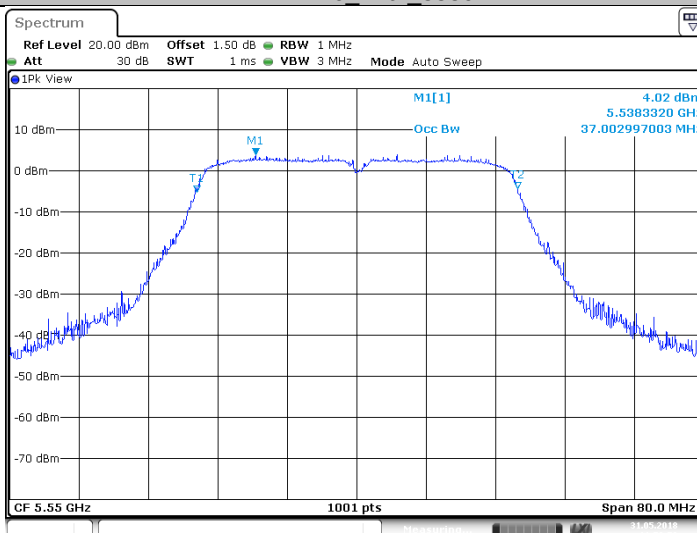
Date:31 MAY 2018 11:40:58

## 11ac VHT80\_Ant1\_5530



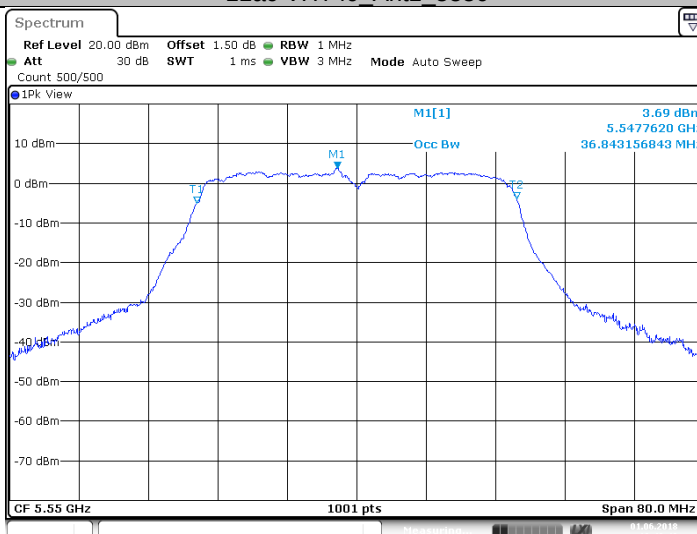
Date: 1 JUN 2018 14:30:22

## 11n HT40\_Ant1\_5550



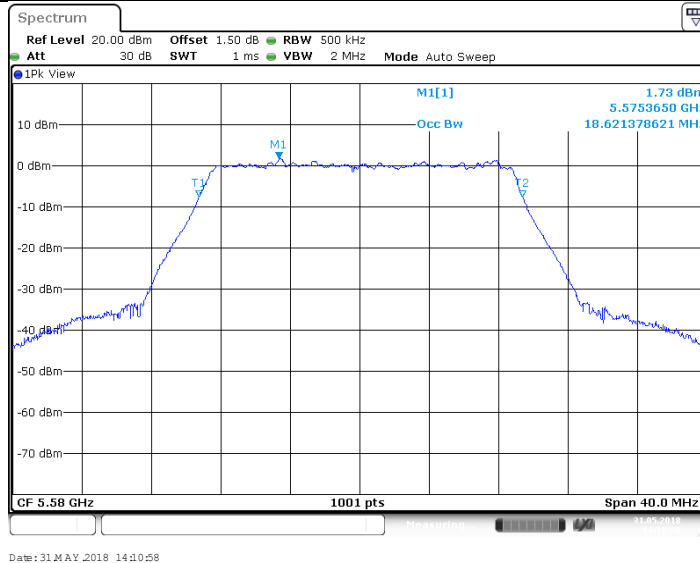
Date: 31 MAY 2018 11:50:59

## 11ac VHT40\_Ant1\_5550

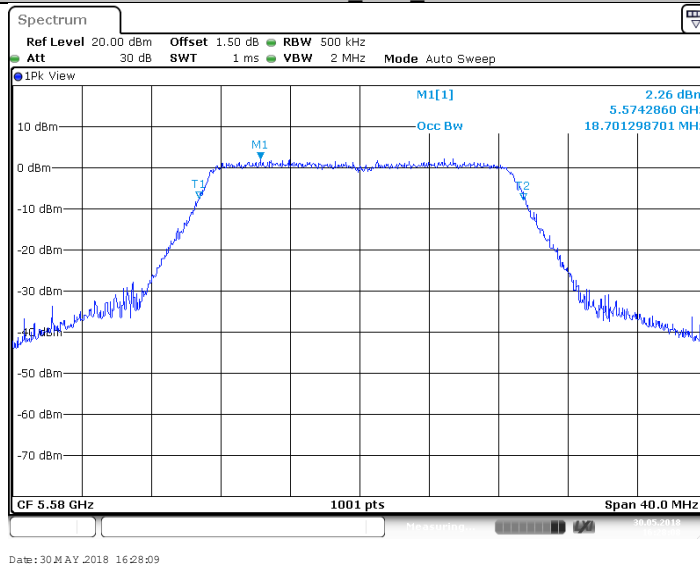


Date: 1 JUN 2018 13:42:40

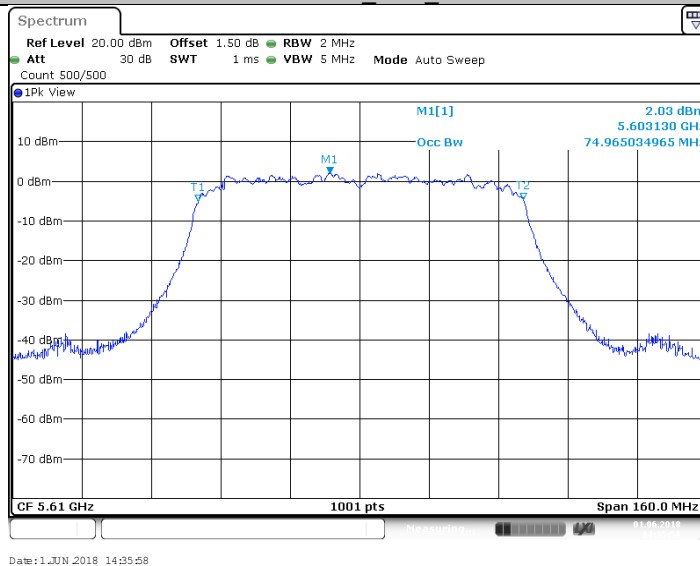
## 11ac VHT20\_Ant1\_5580



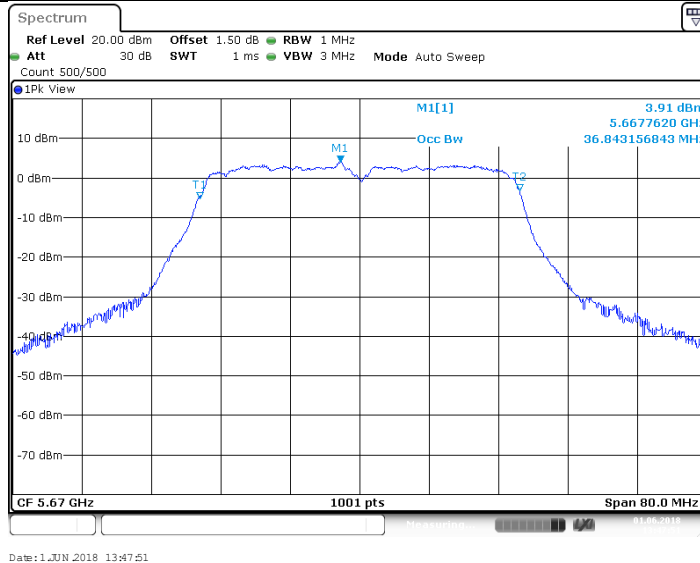
## 11n HT20\_Ant1\_5580



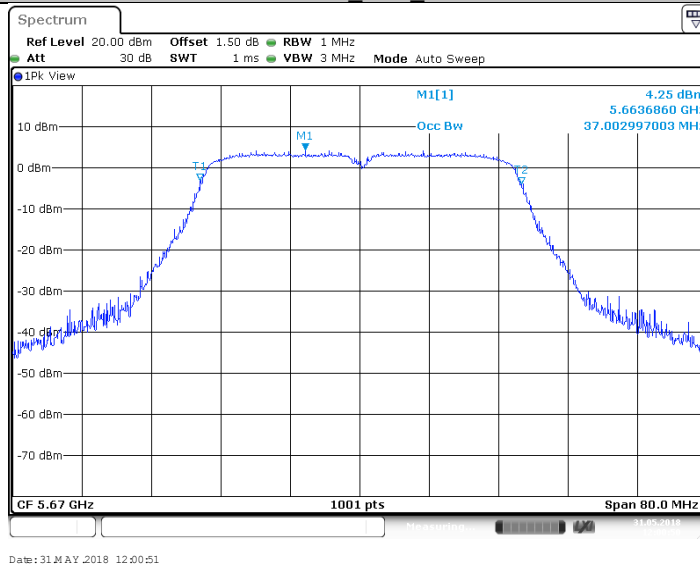
## 11ac VHT80\_Ant1\_5610



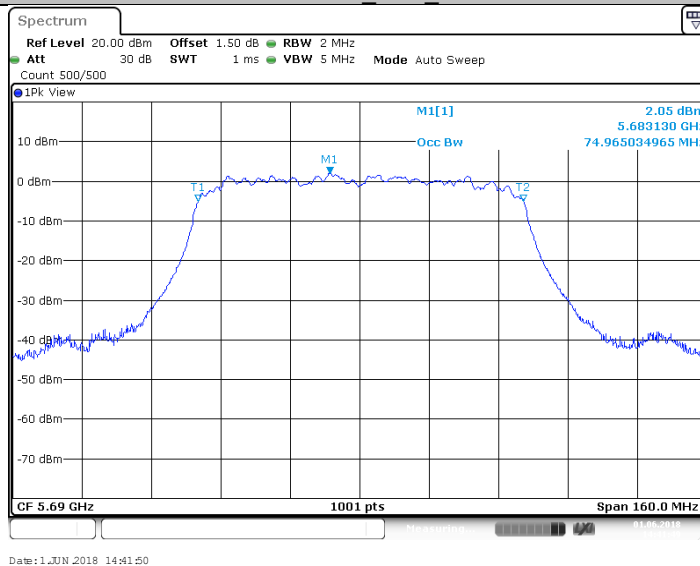
## 11ac VHT40\_Ant1\_5670



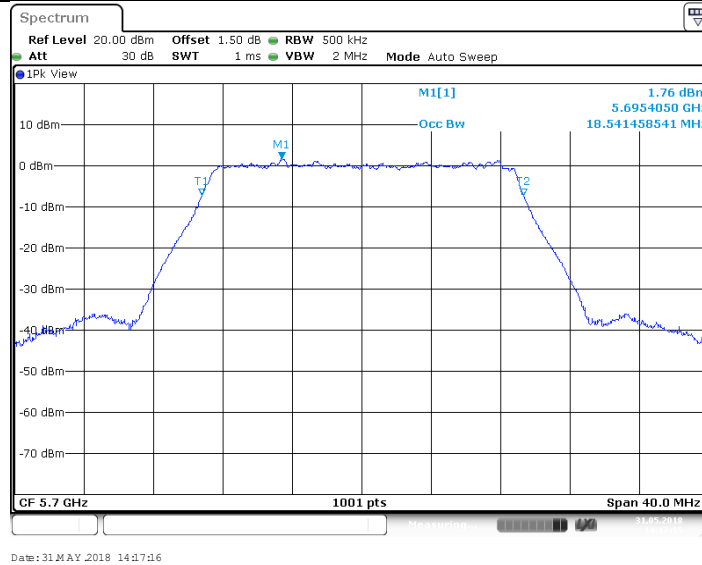
## 11n HT40\_Ant1\_5670



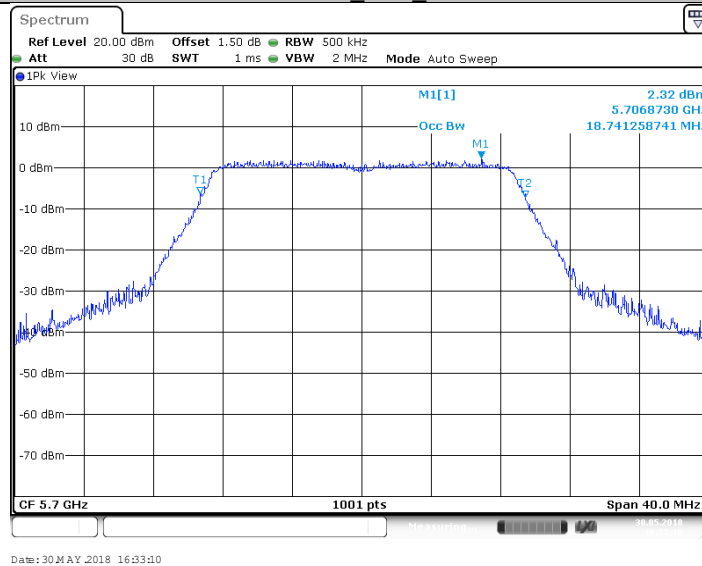
## 11ac VHT80\_Ant1\_5690



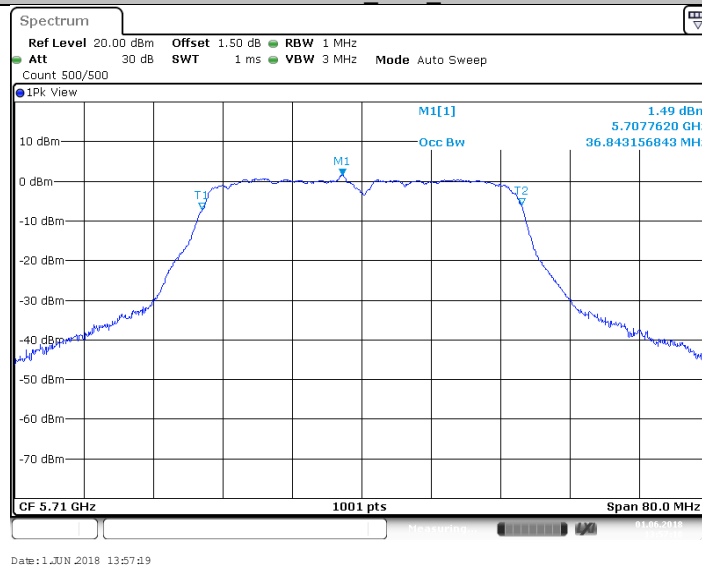
## 11ac VHT20\_Ant1\_5700



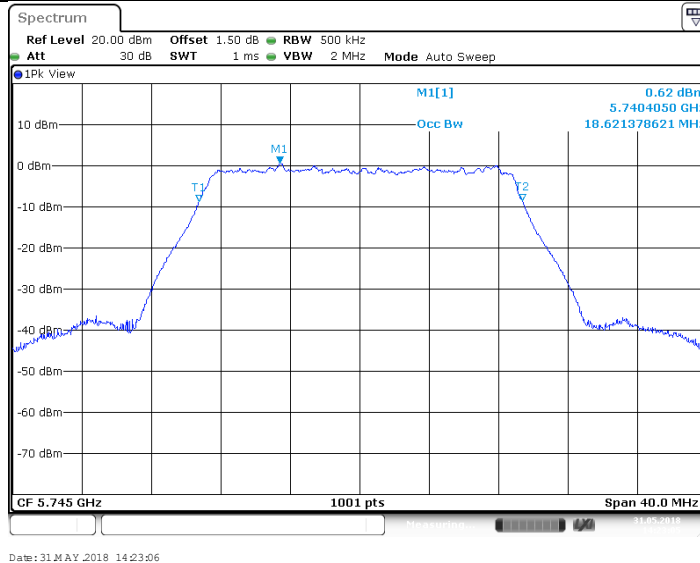
## 11n HT20\_Ant1\_5700



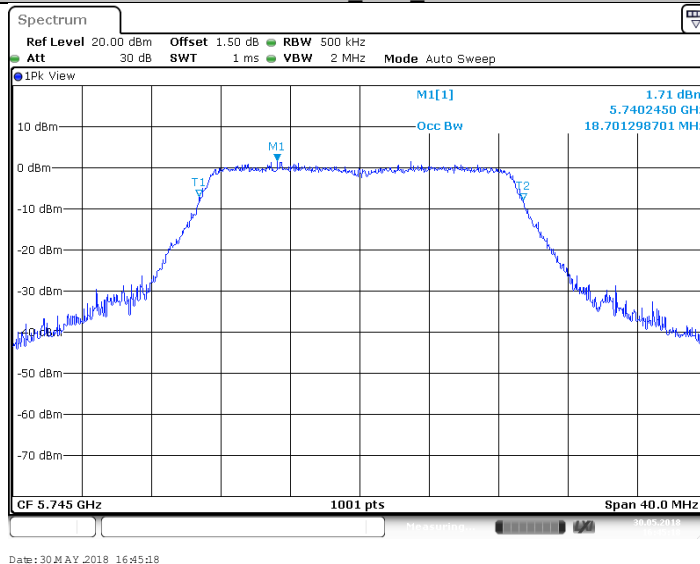
## 11ac VHT40\_Ant1\_5710



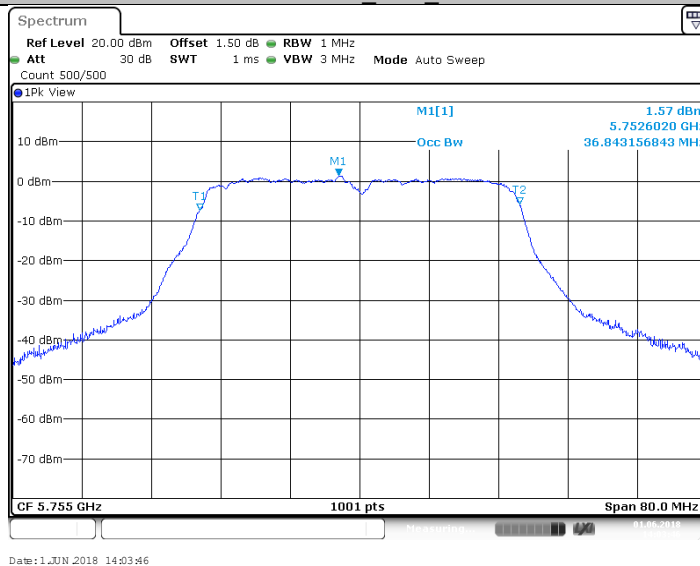
## 11ac VHT20\_Ant1\_5745



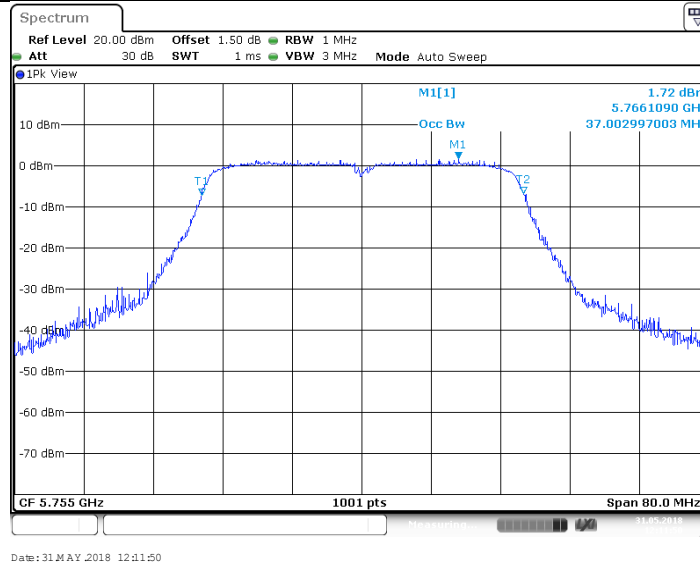
## 11n HT20\_Ant1\_5745



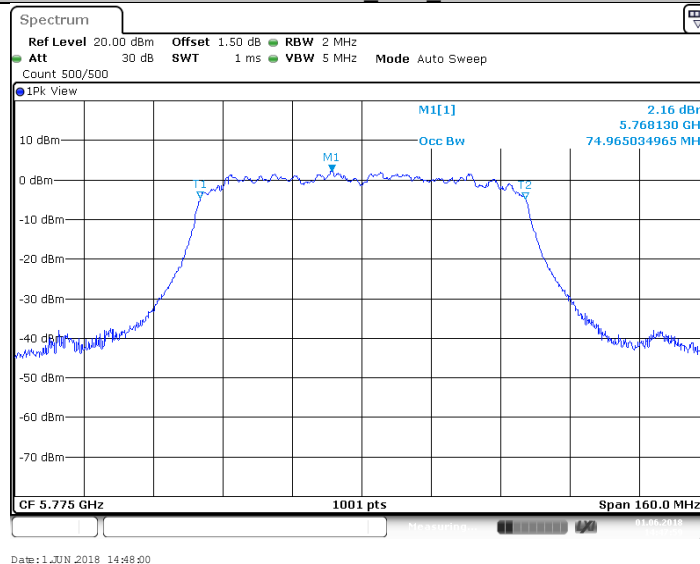
## 11ac VHT40\_Ant1\_5755



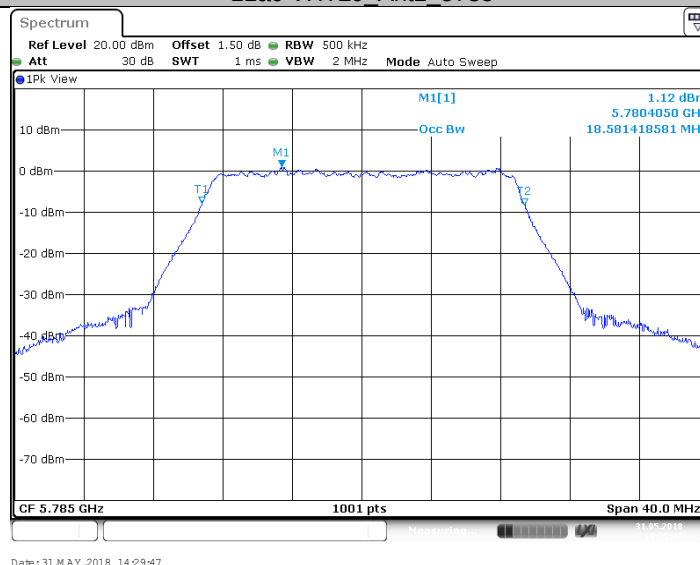
## 11n HT40\_Ant1\_5755



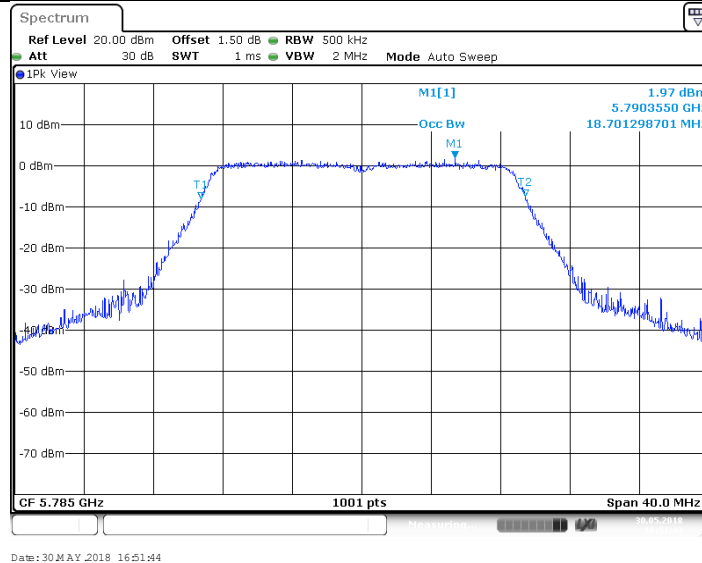
## 11ac VHT80\_Ant1\_5775



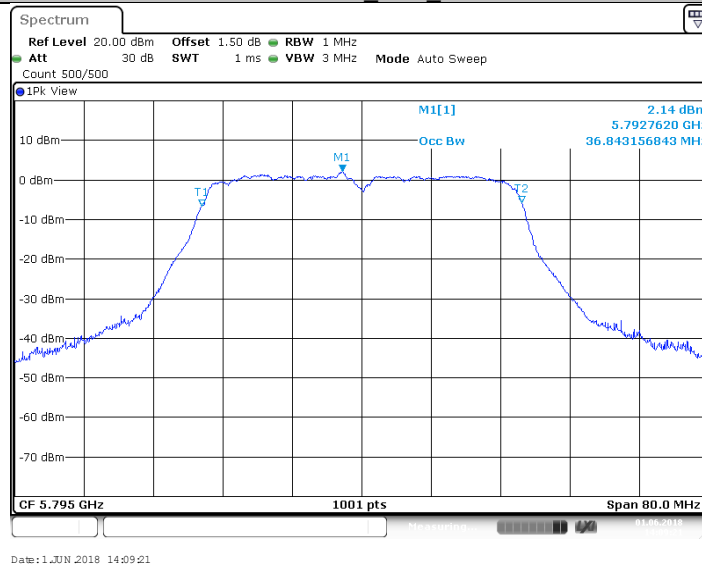
## 11ac VHT20\_Ant1\_5785



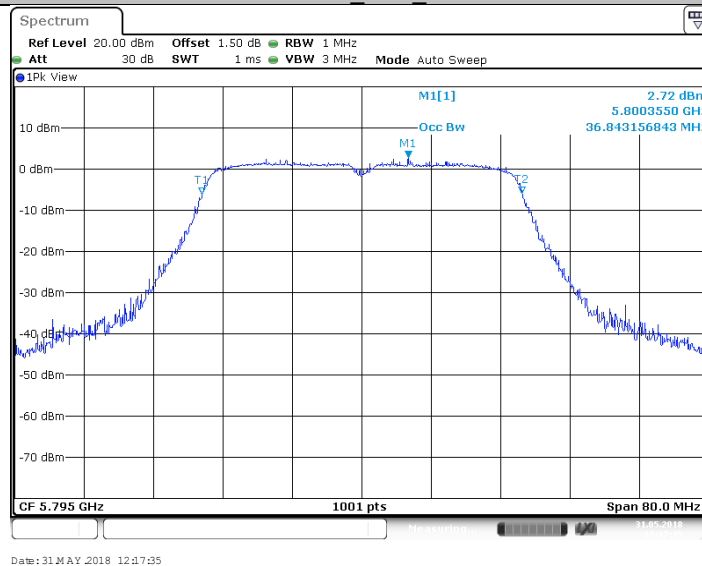
## 11n HT20\_Ant1\_5785

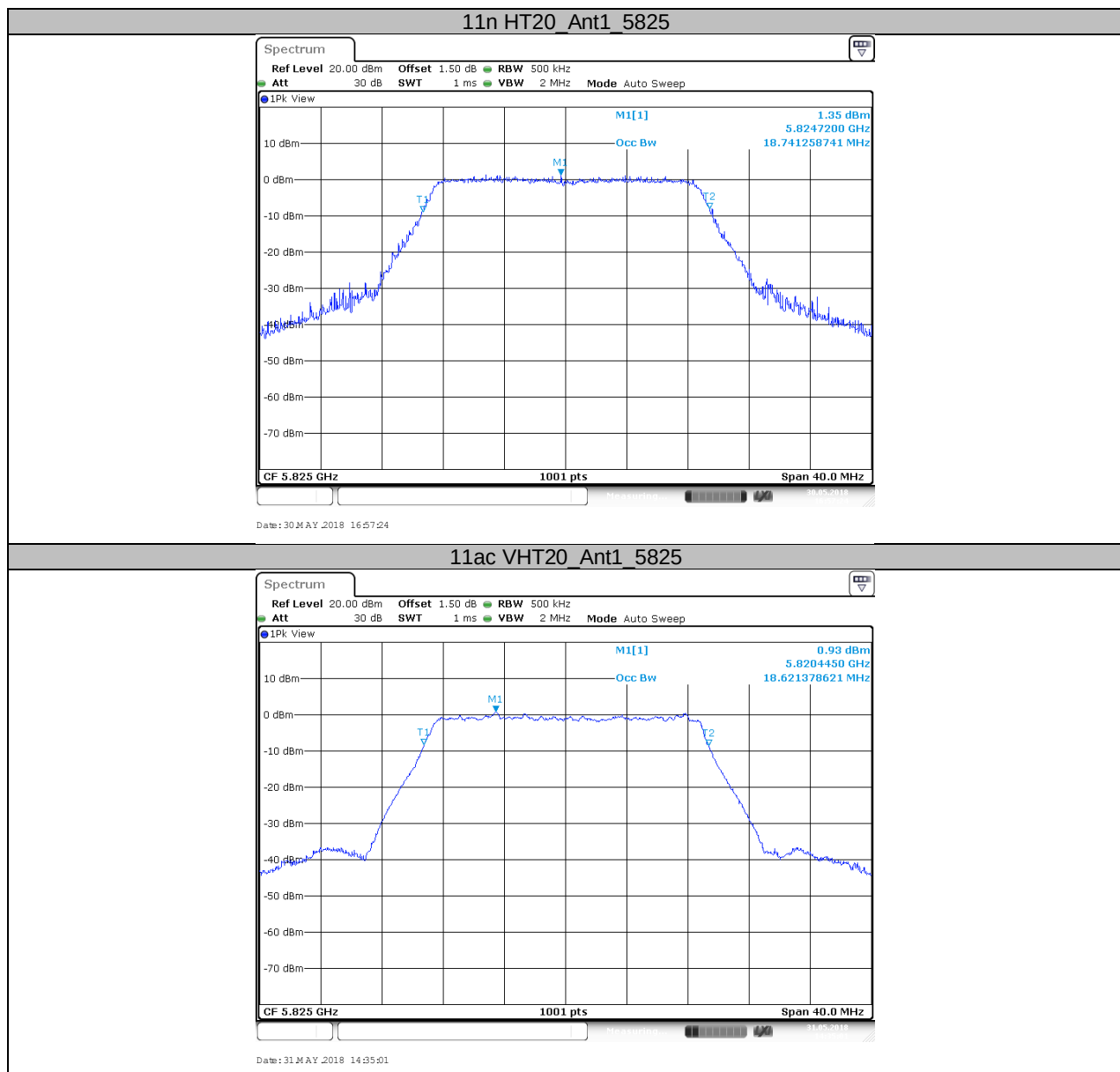


## 11ac VHT40\_Ant1\_5795



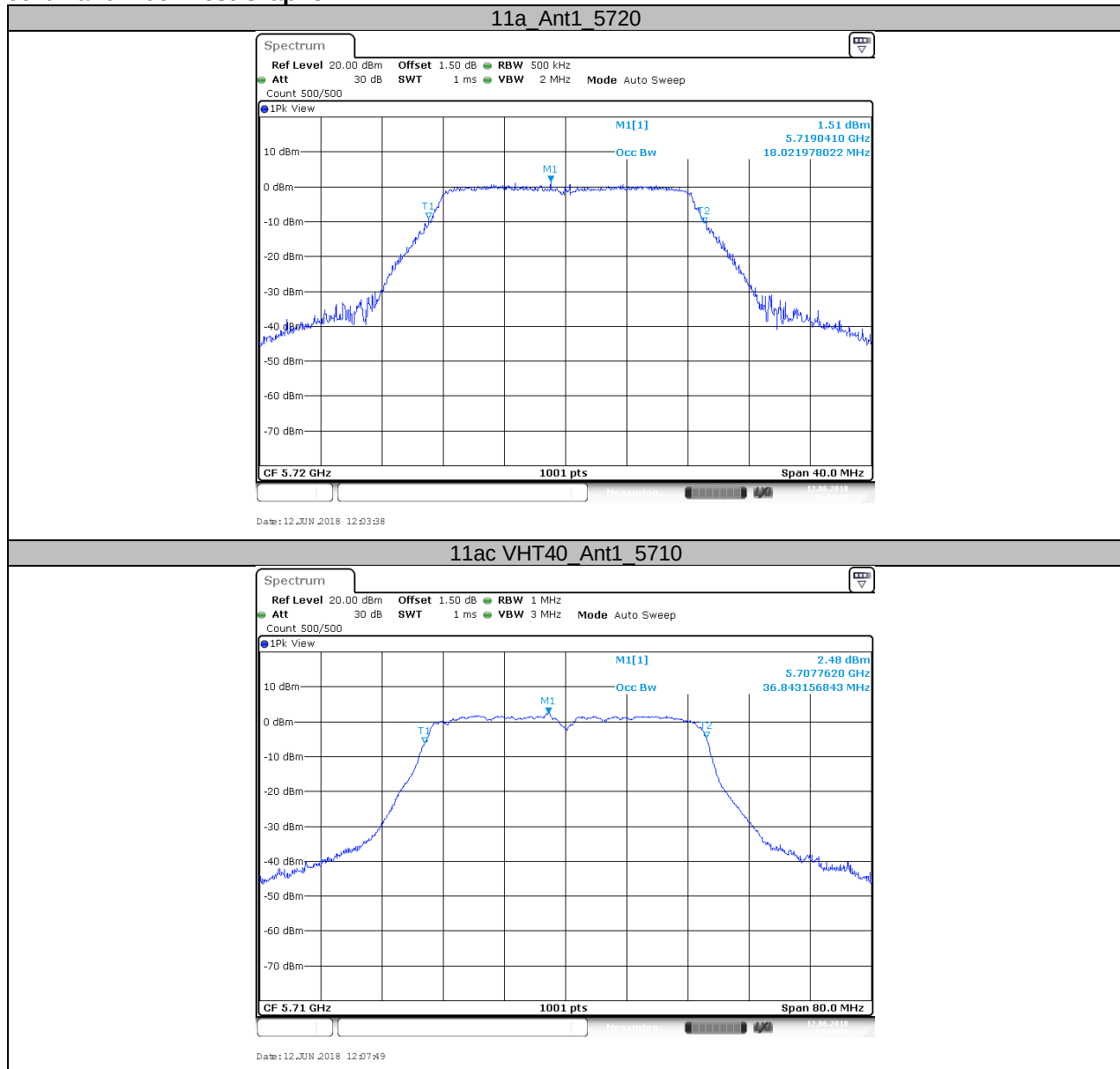
## 11n HT40\_Ant1\_5795



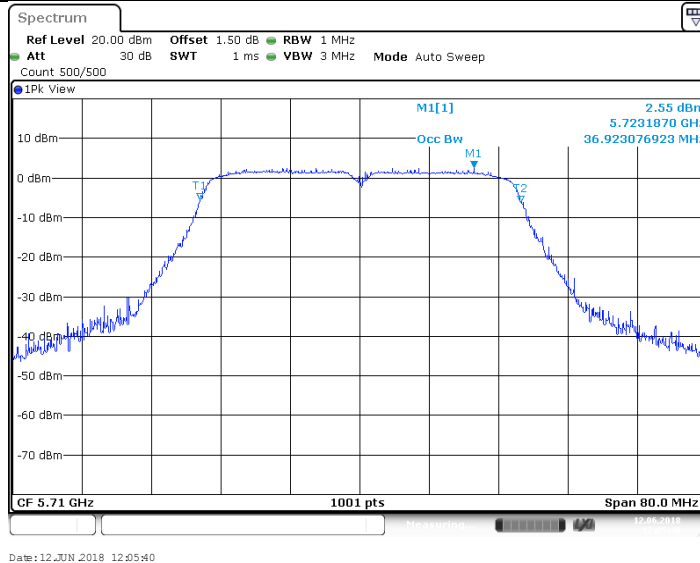


| Test Mode  | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|------------|---------|
| 11a        | Ant1    | 5720    | 18.022    | ---        | PASS    |
| 11ac VHT40 | Ant1    | 5710    | 36.843    | ---        | PASS    |
| 11n HT40   | Ant1    | 5710    | 36.923    | ---        | PASS    |
| 11ac VHT20 | Ant1    | 5720    | 18.621    | ---        | PASS    |
| 11n HT20   | Ant1    | 5720    | 18.701    | ---        | PASS    |

### 99% Bandwidth Test Graphs



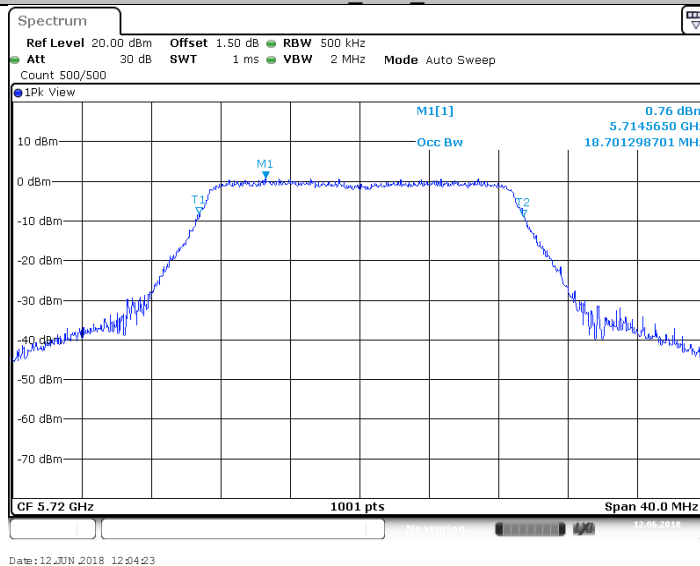
## 11n HT40\_Ant1\_5710



## 11ac VHT20\_Ant1\_5720



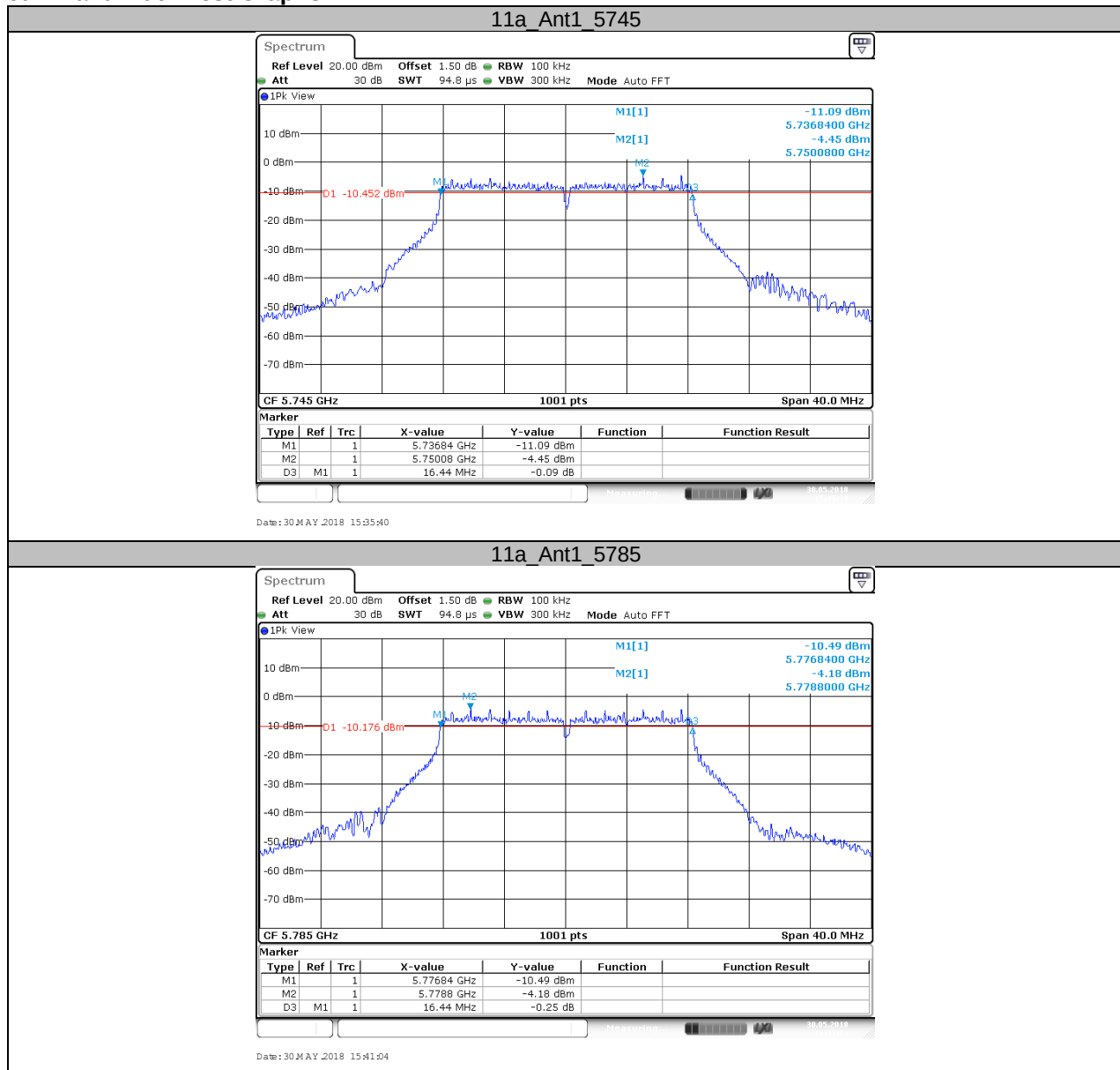
## 11n HT20\_Ant1\_5720



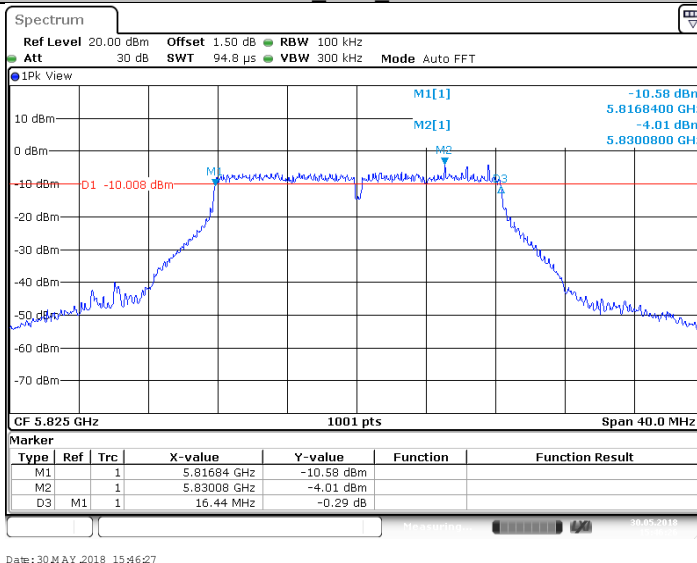
## 6dB Bandwidth Test Result

| Test Mode  | Antenna | Channel | 6db EBW [MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|------------|---------|
| 11a        | Ant1    | 5745    | 16.440        | 0.5        | PASS    |
|            |         | 5785    | 16.440        | 0.5        | PASS    |
|            |         | 5825    | 16.440        | 0.5        | PASS    |
| 11n HT20   | Ant1    | 5745    | 17.640        | 0.5        | PASS    |
| 11ac VHT20 | Ant1    | 5745    | 17.640        | 0.5        | PASS    |
| 11ac VHT40 | Ant1    | 5755    | 35.360        | 0.5        | PASS    |
| 11n HT40   | Ant1    | 5755    | 35.520        | 0.5        | PASS    |
| 11ac VHT80 | Ant1    | 5775    | 75.360        | 0.5        | PASS    |
| 11n HT20   | Ant1    | 5785    | 17.640        | 0.5        | PASS    |
| 11ac VHT20 | Ant1    | 5785    | 17.640        | 0.5        | PASS    |
| 11ac VHT40 | Ant1    | 5795    | 35.280        | 0.5        | PASS    |
| 11n HT40   | Ant1    | 5795    | 35.520        | 0.5        | PASS    |
| 11n HT20   | Ant1    | 5825    | 17.640        | 0.5        | PASS    |
| 11ac VHT20 | Ant1    | 5825    | 17.640        | 0.5        | PASS    |

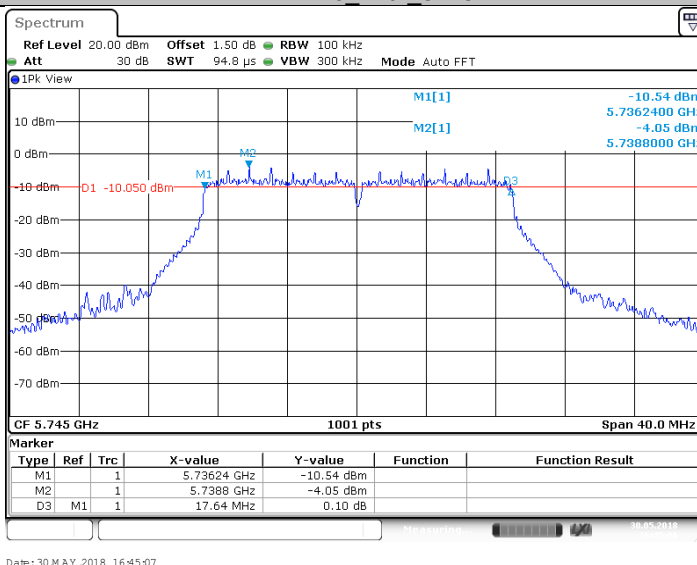
## 6dB Bandwidth Test Graphs



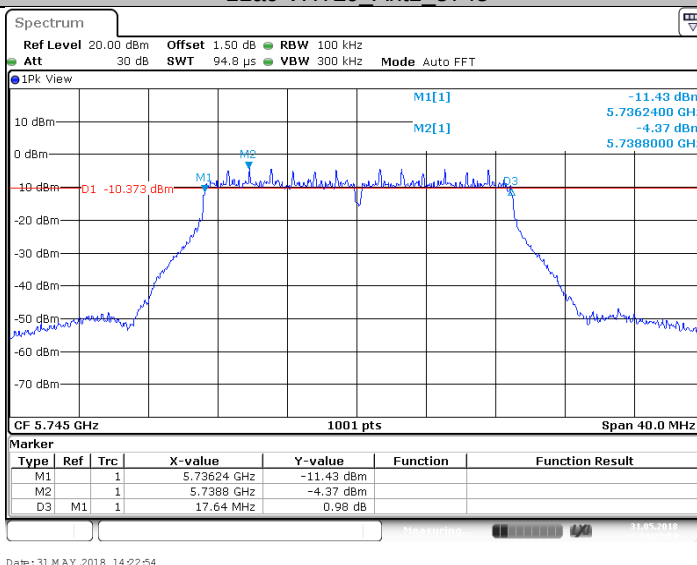
## 11a Ant1 5825



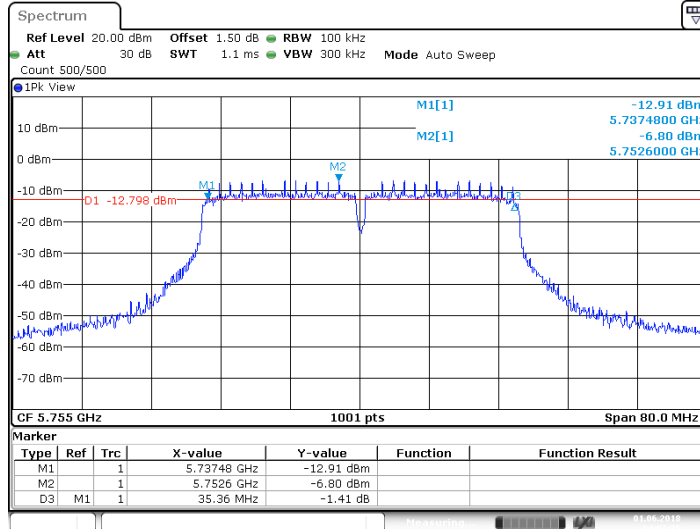
## 11n HT20\_Ant1 5745



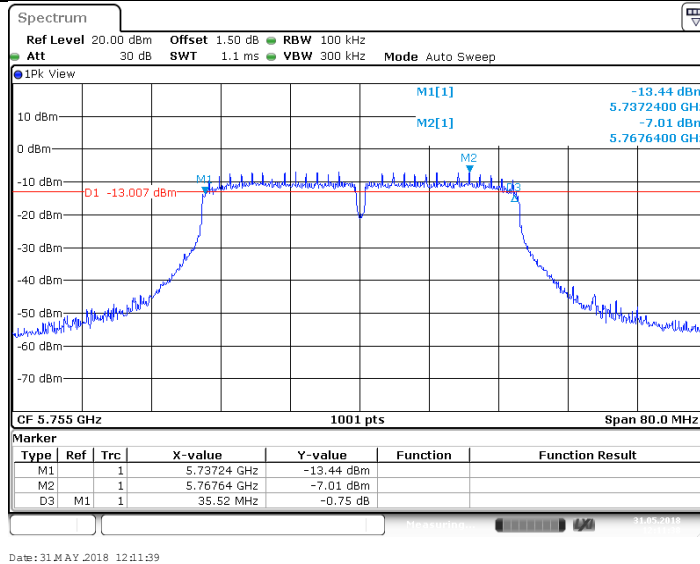
## 11ac VHT20\_Ant1 5745



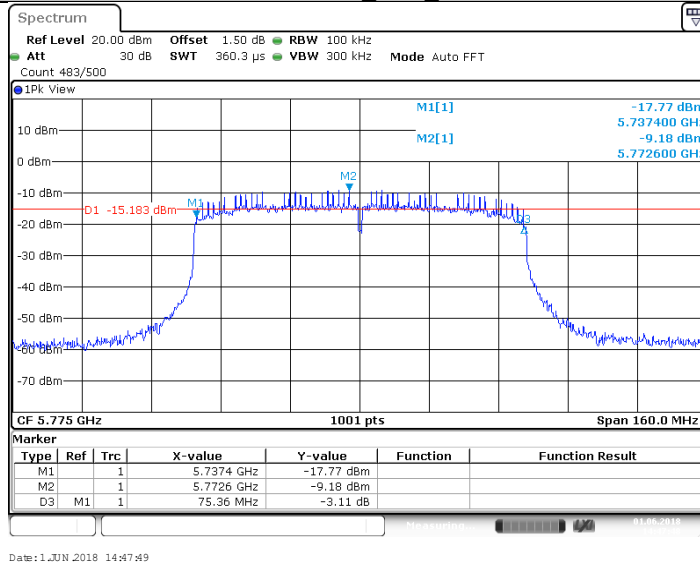
## 11ac VHT40\_Ant1\_5755



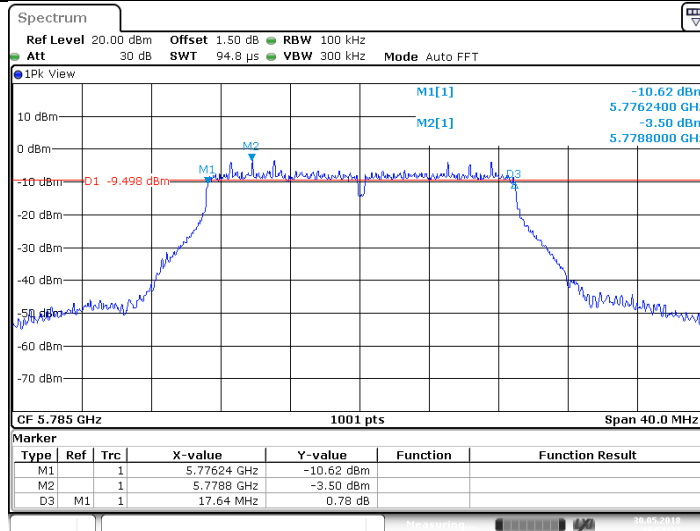
## 11n HT40\_Ant1\_5755



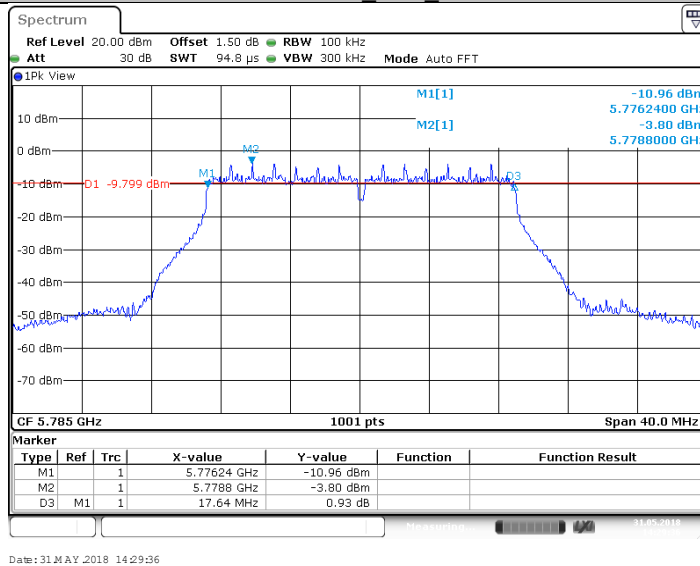
## 11ac VHT80\_Ant1\_5775



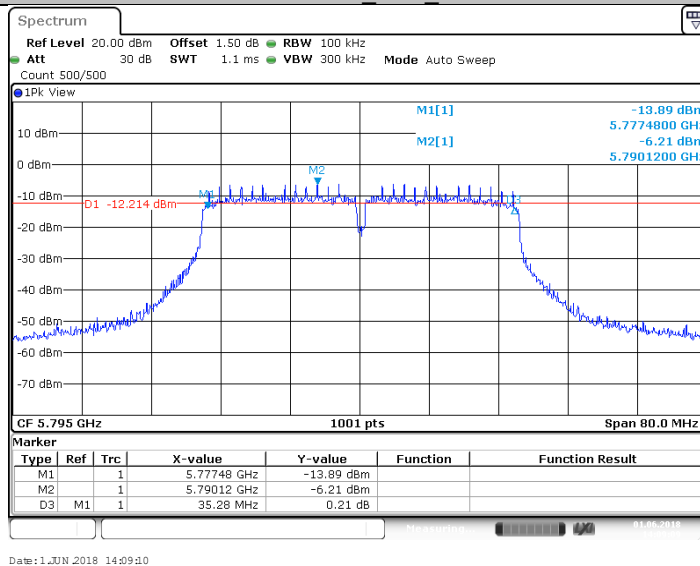
## 11n HT20\_Ant1\_5785



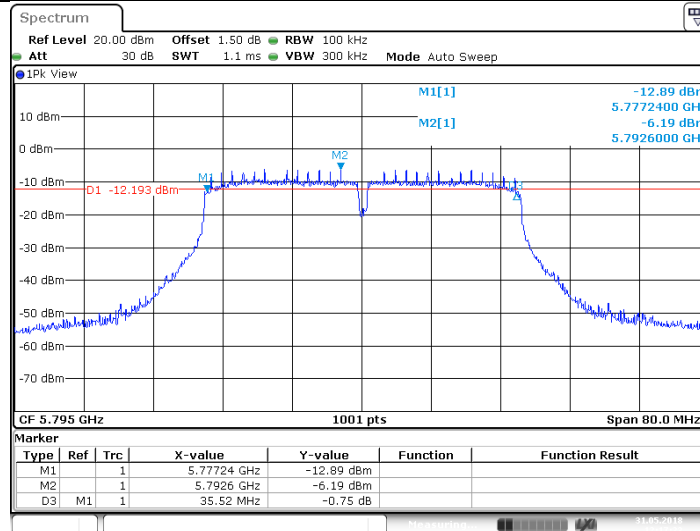
## 11ac VHT20\_Ant1\_5785



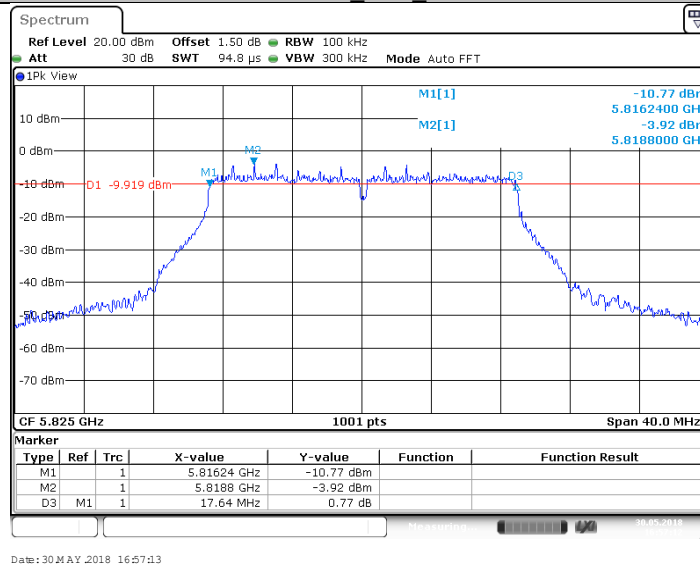
## 11ac VHT40\_Ant1\_5795



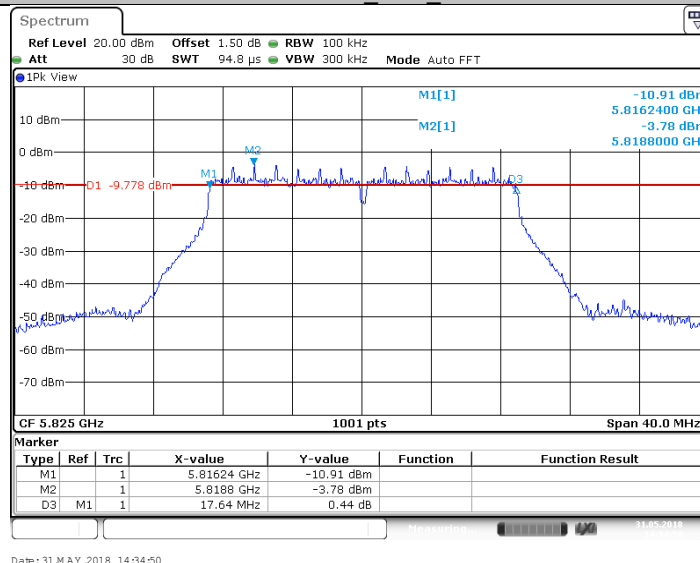
## 11n HT40\_Ant1\_5795



## 11n HT20\_Ant1\_5825



## 11ac VHT20\_Ant1\_5825



### 9.3 Maximum conducted output power

#### Test Method

According to KDB789033 D02

**Limits:** The maximum conducted output power over the frequency band of operation shall not exceed 250mW for 5.15-5.25GHz Band, 250mW for 5.25-5.35GHz, 5.47-5.725 GHz Band and 1W for 5.725-5.85GHz Band, provided the maximum antenna gain does not exceed 6dBi.

#### Note:

1. Maximum Conducted Output Power=Conducted Output Power + Correction Factor

| Band           | Duty cycle (%) | Correction factor |
|----------------|----------------|-------------------|
| 802.11a        | 98.38          | 0.07              |
| 802.11n HT20   | 96.22          | 0.16              |
| 802.11n HT40   | 92.49          | 0.33              |
| 802.11ac VHT20 | 83.54          | 0.78              |
| 802.11ac VHT40 | 92.49          | 0.33              |
| 802.11ac VHT80 | 96.97          | 0.13              |

#### Test result as below table

#### IEEE 802.11a modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5180            | 9.30                | 24.00             |
|           | Middle  | 5200            | 9.30                | 24.00             |
|           | High    | 5240            | 9.40                | 24.00             |
| 5.2G Band | Low     | 5260            | 9.60                | 24.00             |
|           | Middle  | 5280            | 9.70                | 24.00             |
|           | High    | 5320            | 9.50                | 24.00             |
| 5.5G Band | Low     | 5500            | 9.20                | 24.00             |
|           | Middle  | 5580            | 9.70                | 24.00             |
|           | High    | 5700            | 9.70                | 24.00             |
|           | High    | 5720            | 9.00                | 24.00             |
| 5.8G Band | Low     | 5745            | 9.70                | 30.00             |
|           | Middle  | 5785            | 10.60               | 30.00             |
|           | High    | 5825            | 9.70                | 30.00             |

## IEEE 802.11n HT20 modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5180            | 9.00                | 24.00             |
|           | Middle  | 5200            | 8.80                | 24.00             |
|           | High    | 5240            | 8.80                | 24.00             |
| 5.2G Band | Low     | 5260            | 9.00                | 24.00             |
|           | Middle  | 5280            | 8.90                | 24.00             |
|           | High    | 5320            | 9.00                | 24.00             |
| 5.5G Band | Low     | 5500            | 8.60                | 24.00             |
|           | Middle  | 5580            | 8.80                | 24.00             |
|           | High    | 5700            | 8.70                | 24.00             |
|           | High    | 5720            | 8.70                | 24.00             |
| 5.8G Band | Low     | 5745            | 9.70                | 30.00             |
|           | Middle  | 5785            | 9.60                | 30.00             |
|           | High    | 5825            | 9.60                | 30.00             |

## IEEE 802.11ac VHT20 modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5180            | 8.70                | 24.00             |
|           | Middle  | 5200            | 8.60                | 24.00             |
|           | High    | 5240            | 8.70                | 24.00             |
| 5.2G Band | Low     | 5260            | 8.70                | 24.00             |
|           | Middle  | 5280            | 9.00                | 24.00             |
|           | High    | 5320            | 9.00                | 24.00             |
| 5.5G Band | Low     | 5500            | 8.00                | 24.00             |
|           | Middle  | 5580            | 8.00                | 24.00             |
|           | High    | 5700            | 8.00                | 24.00             |
|           | High    | 5720            | 8.00                | 24.00             |
| 5.8G Band | Low     | 5745            | 9.00                | 30.00             |
|           | Middle  | 5785            | 10.00               | 30.00             |
|           | High    | 5825            | 9.00                | 30.00             |

## IEEE 802.11n HT40 modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5190            | 10.00               | 24.00             |
|           | High    | 5230            | 9.90                | 24.00             |
| 5.2G Band | Low     | 5270            | 10.00               | 24.00             |
|           | High    | 5310            | 10.00               | 24.00             |
| 5.5G Band | Low     | 5510            | 9.50                | 24.00             |
|           | Middle  | 5550            | 9.50                | 24.00             |
|           | High    | 5670            | 9.90                | 24.00             |
|           | High    | 5710            | 8.50                | 24.00             |
| 5.8G Band | Low     | 5755            | 9.80                | 30.00             |
|           | High    | 5795            | 8.50                | 30.00             |

## IEEE 802.11ac VHT40 modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5190            | 9.10                | 24.00             |
|           | High    | 5230            | 8.50                | 24.00             |
| 5.2G Band | Low     | 5270            | 8.90                | 24.00             |
|           | High    | 5310            | 9.20                | 24.00             |
| 5.5G Band | Low     | 5510            | 8.20                | 24.00             |
|           | Middle  | 5550            | 8.30                | 24.00             |
|           | High    | 5670            | 8.80                | 24.00             |
|           | High    | 5710            | 9.50                | 24.00             |
| 5.8G Band | Low     | 5755            | 8.70                | 30.00             |
|           | High    | 5795            | 8.50                | 30.00             |

## IEEE 802.11ac VHT80 modulation Test Result

| Band      | Channel | Frequency (MHz) | Average Power (dBm) | Power Limit (dBm) |
|-----------|---------|-----------------|---------------------|-------------------|
| 5.2G Band | Low     | 5210            | 9.10                | 24.00             |
| 5.2G Band | High    | 5290            | 8.10                | 24.00             |
| 5.5G Band | Low     | 5530            | 8.70                | 24.00             |
|           | Middle  | 5610            | 8.80                | 24.00             |
|           | High    | 5690            | 9.50                | 24.00             |
| 5.8G Band | High    | 5775            | 9.20                | 30.00             |

## 9.4 Maximum power spectral density

### Test Method

According to KDB789033 D02

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the

above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth

specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set  $RBW \geq 1/T$ , where T is defined in section II.B.I.a).
- b) Set  $VBW \geq 3 RBW$ .
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/RBW)$  to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add  $10\log(1\text{MHz}/RBW)$  to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since RBW=100 KHz is available on nearly all spectrum analyzers.

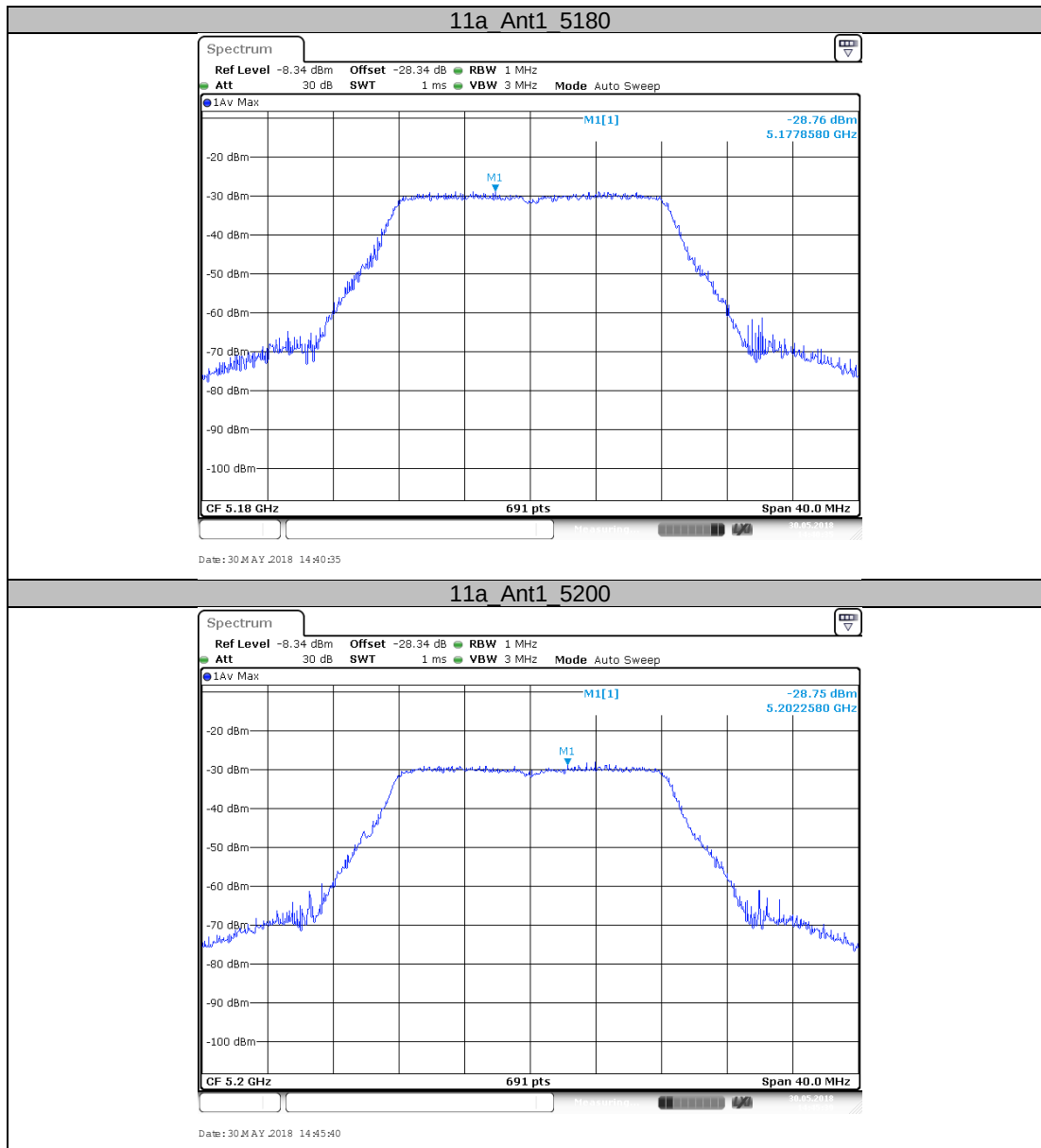
**Limit:** The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725 GHz Band and 30dBm for the 5.8GHz Band in any 1 megahertz band.

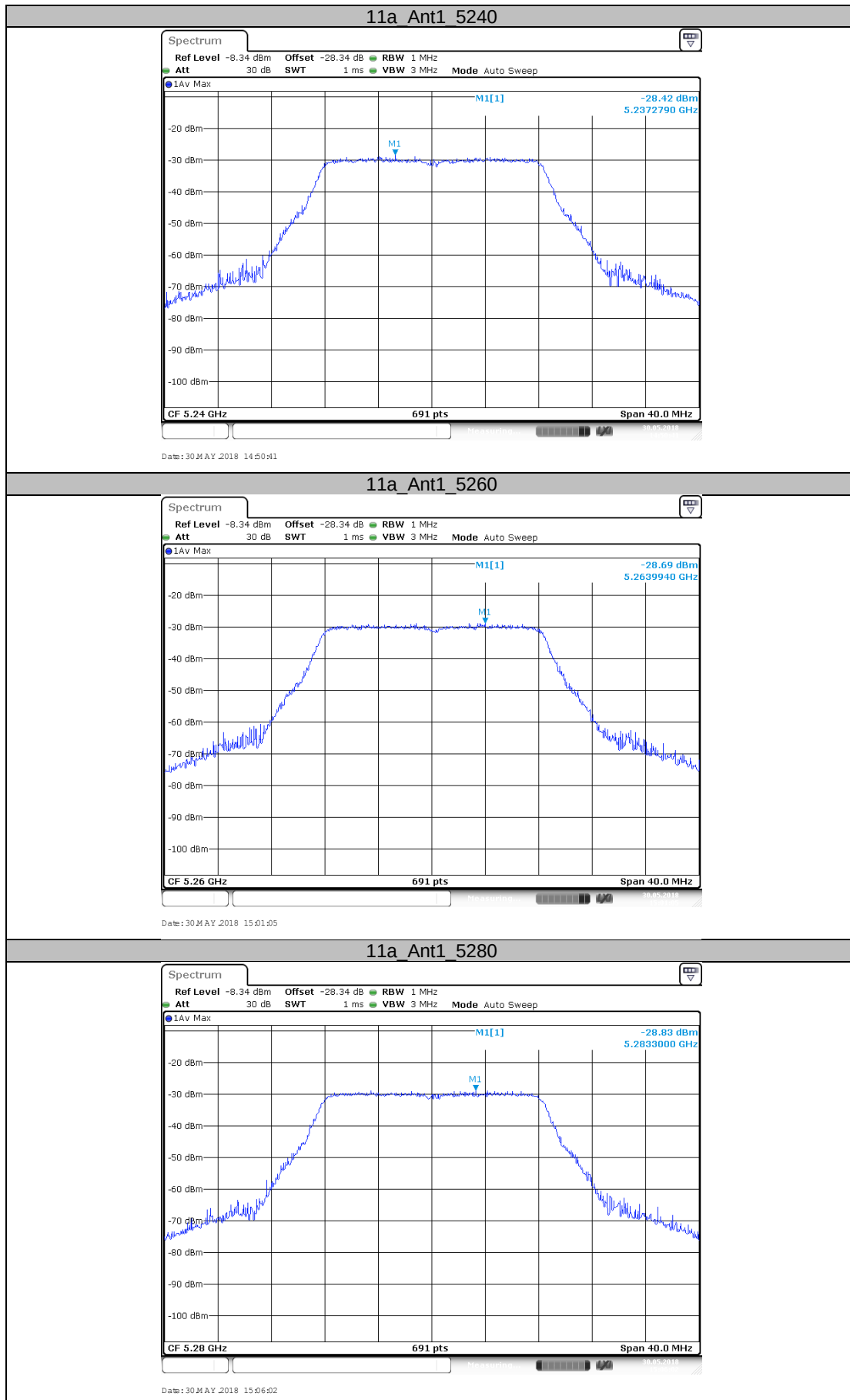
## Test Result

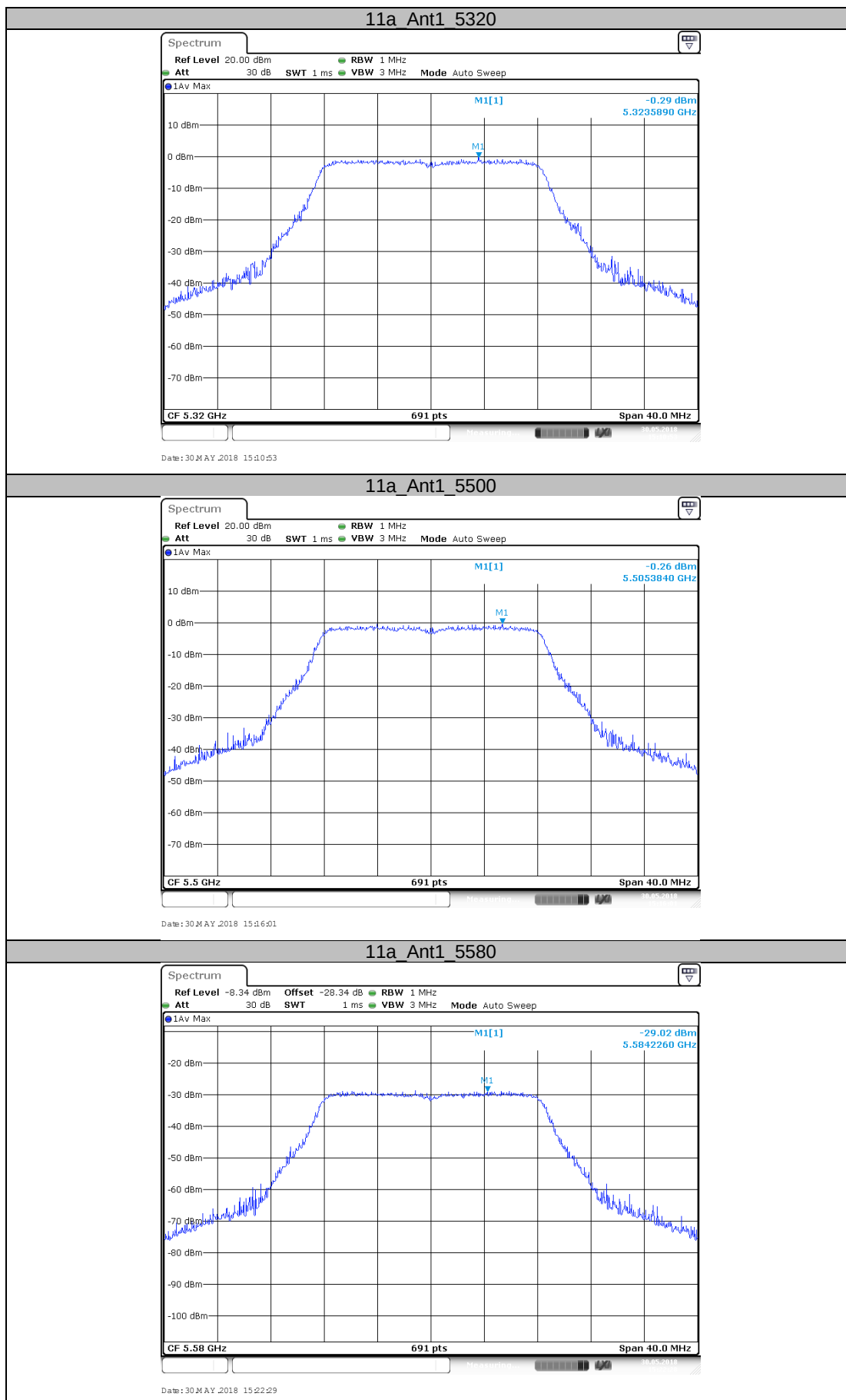
| Test Mode  | Antenna | Channel (MHz) | Result (dBm) | Limit | Verdict |
|------------|---------|---------------|--------------|-------|---------|
| 11a        | Ant1    | 5180          | -28.76       | 11    | PASS    |
|            |         | 5200          | -28.75       | 11    | PASS    |
|            |         | 5240          | -28.42       | 11    | PASS    |
|            |         | 5260          | -28.69       | 11    | PASS    |
|            |         | 5280          | -28.83       | 11    | PASS    |
|            |         | 5320          | -0.29        | 11    | PASS    |
|            |         | 5500          | -0.26        | 11    | PASS    |
|            |         | 5580          | -29.02       | 11    | PASS    |
|            |         | 5700          | -28.87       | 11    | PASS    |
|            |         | 5745          | -30.2        | 30    | PASS    |
|            |         | 5785          | -30.02       | 30    | PASS    |
|            |         | 5825          | -29.92       | 30    | PASS    |
| 11ac VHT20 | Ant1    | 5180          | -27.54       | 11    | PASS    |
| 11n HT20   | Ant1    | 5180          | -28.33       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5190          | -28.06       | 11    | PASS    |
| 11n HT40   | Ant1    | 5190          | -29.05       | 11    | PASS    |
| 11n HT20   | Ant1    | 5200          | -27.86       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5200          | -27.41       | 11    | PASS    |
| 11ac VHT80 | Ant1    | 5210          | -30.81       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5230          | -28.22       | 11    | PASS    |
| 11n HT40   | Ant1    | 5230          | -29.87       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5240          | -27.9        | 11    | PASS    |
| 11n HT20   | Ant1    | 5240          | -28.28       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5260          | -27.68       | 11    | PASS    |
| 11n HT20   | Ant1    | 5260          | -28.53       | 11    | PASS    |
| 11n HT40   | Ant1    | 5270          | -29.9        | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5270          | -28.16       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5280          | -27.72       | 11    | PASS    |
| 11n HT20   | Ant1    | 5280          | -28.16       | 11    | PASS    |
| 11ac VHT80 | Ant1    | 5290          | -30.78       | 11    | PASS    |
| 11n HT40   | Ant1    | 5310          | -29.62       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5310          | -28.5        | 11    | PASS    |
| 11n HT20   | Ant1    | 5320          | -28.01       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5320          | -27.79       | 11    | PASS    |
|            |         | 5500          | -27.31       | 11    | PASS    |
| 11n HT20   | Ant1    | 5500          | -28.21       | 11    | PASS    |
| 11n HT40   | Ant1    | 5510          | -29.46       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5510          | -27.81       | 11    | PASS    |
| 11ac VHT80 | Ant1    | 5530          | -30.78       | 11    | PASS    |
| 11n HT40   | Ant1    | 5550          | -29.89       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5550          | -28.31       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5580          | -27.48       | 11    | PASS    |
| 11n HT20   | Ant1    | 5580          | -28.31       | 11    | PASS    |
| 11ac VHT80 | Ant1    | 5610          | -32.84       | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5670          | -28.23       | 11    | PASS    |
| 11n HT40   | Ant1    | 5670          | -29.24       | 11    | PASS    |
| 11ac VHT80 | Ant1    | 5690_UNII-2C  | -38.03       | 11    | PASS    |
|            |         | 5690_UNII-3   | -38.86       | 11    | PASS    |
| 11n HT20   | Ant1    | 5700          | -27.81       | 11    | PASS    |
| 11ac VHT20 | Ant1    | 5700          | -27.5        | 11    | PASS    |
| 11ac VHT40 | Ant1    | 5710_UNII-2C  | -33.86       | 11    | PASS    |
|            |         | 5710_UNII-3   | -35.47       | 11    | PASS    |
| 11n HT20   | Ant1    | 5745          | -30.01       | 30    | PASS    |
| 11ac VHT20 | Ant1    | 5745          | -29.74       | 30    | PASS    |
| 11ac VHT40 | Ant1    | 5755          | -31.25       | 30    | PASS    |
| 11n HT40   | Ant1    | 5755          | -32.67       | 30    | PASS    |

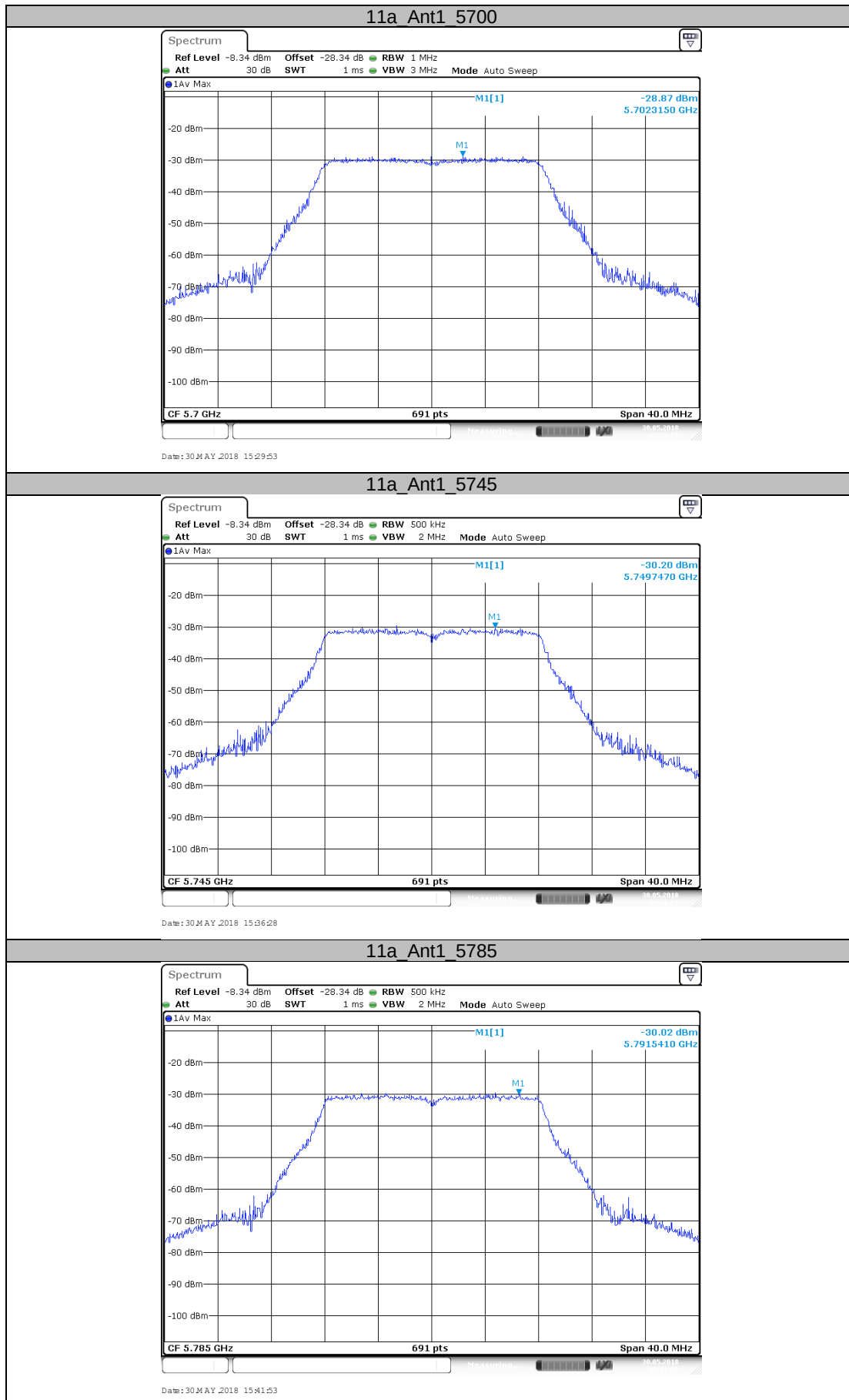
|            |      |      |        |    |      |
|------------|------|------|--------|----|------|
| 11ac VHT80 | Ant1 | 5775 | -33.57 | 30 | PASS |
| 11n HT20   | Ant1 | 5785 | -29.57 | 30 | PASS |
| 11ac VHT20 | Ant1 | 5785 | -29.44 | 30 | PASS |
| 11ac VHT40 | Ant1 | 5795 | -30.76 | 30 | PASS |
| 11n HT40   | Ant1 | 5795 | -32.44 | 30 | PASS |
| 11n HT20   | Ant1 | 5825 | -29.97 | 30 | PASS |
| 11ac VHT20 | Ant1 | 5825 | -29.36 | 30 | PASS |

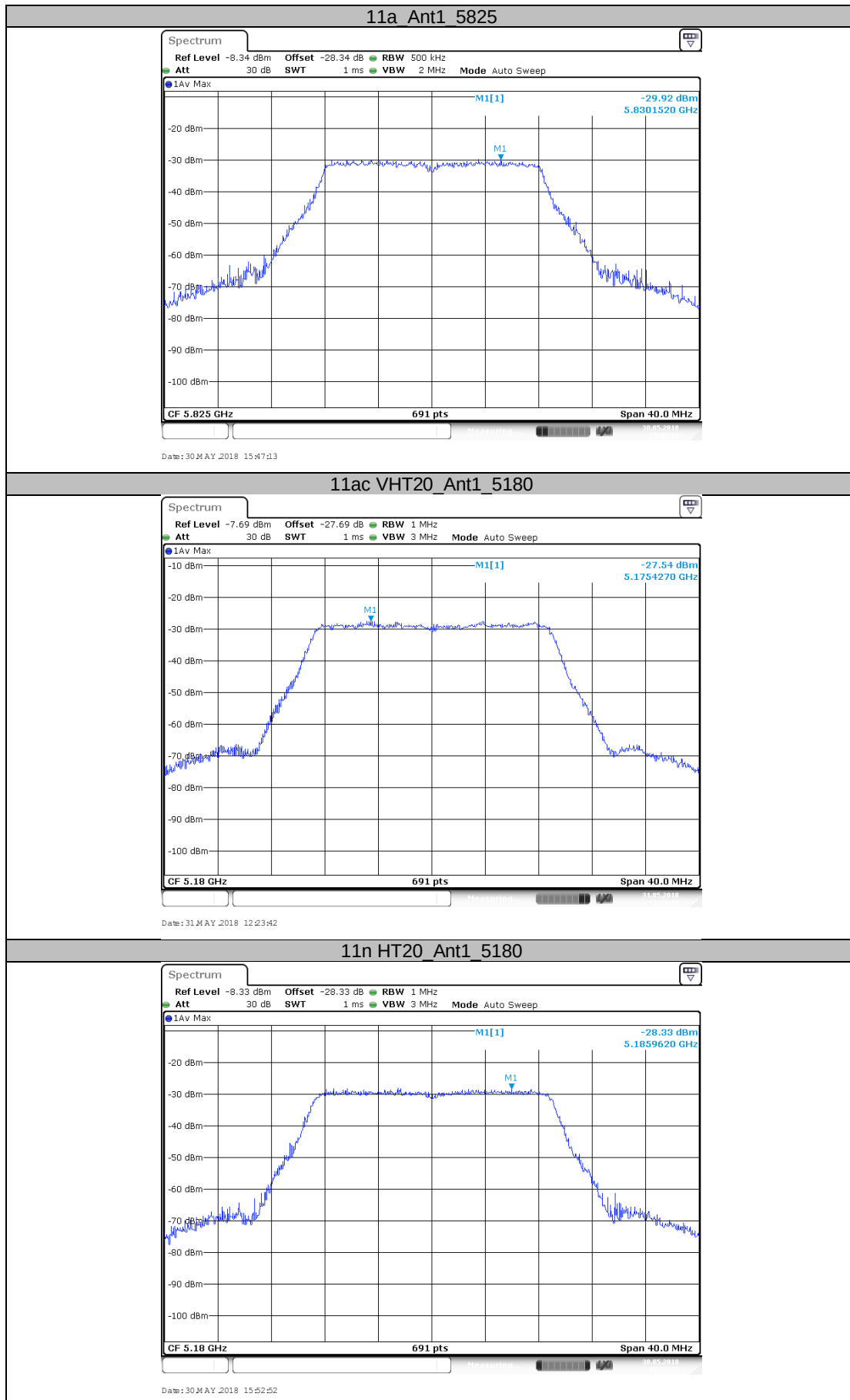
## Test Graphs

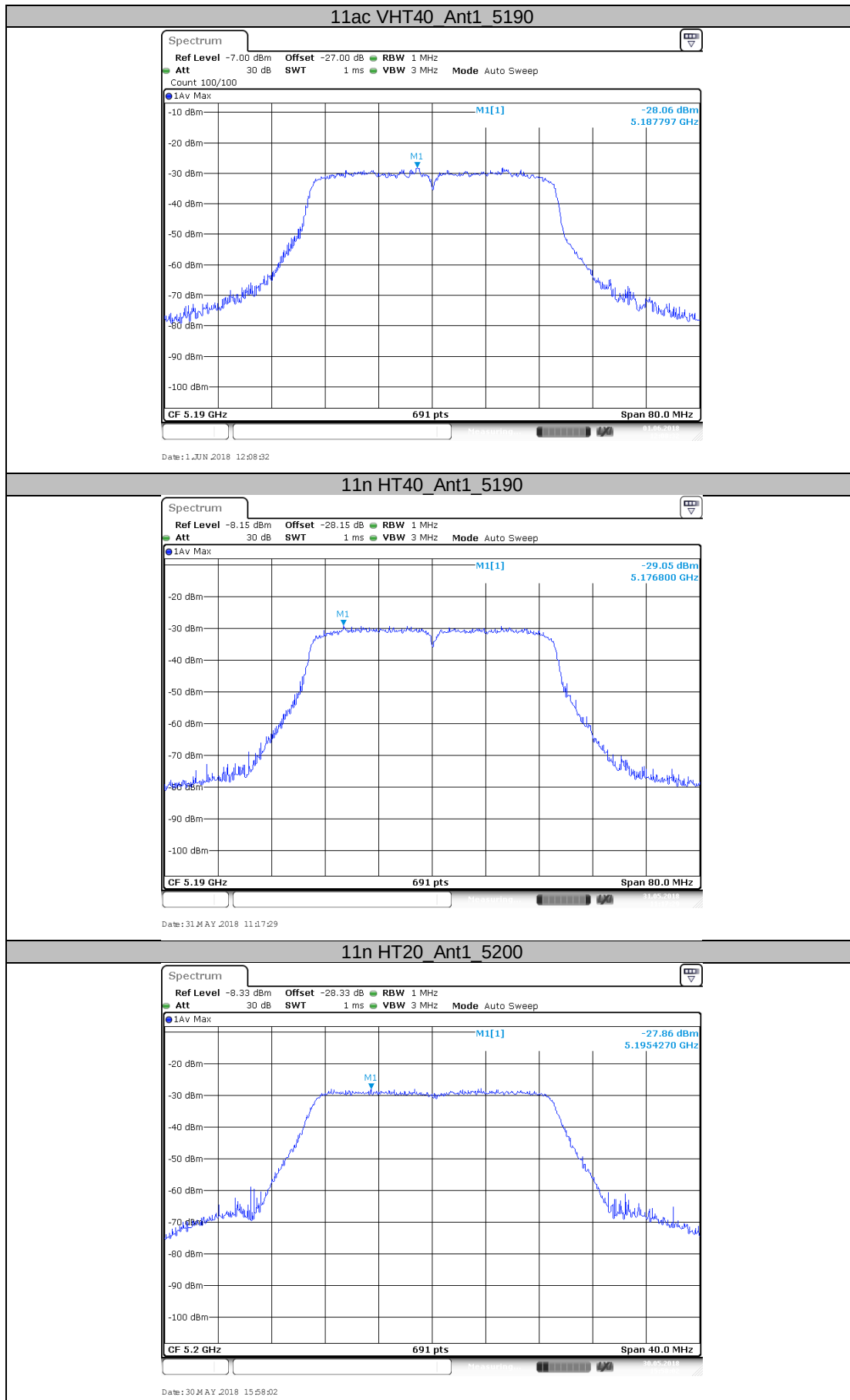


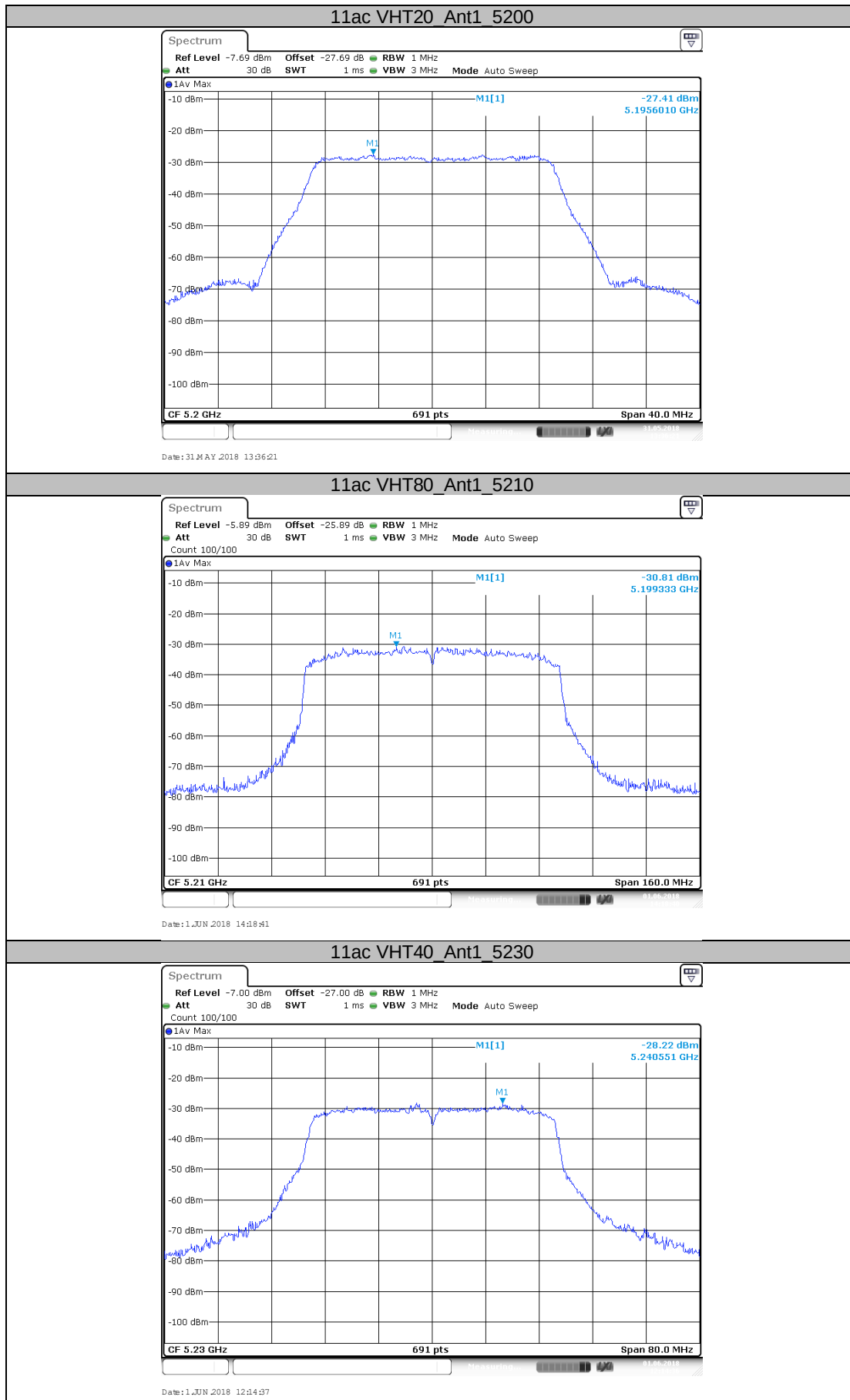


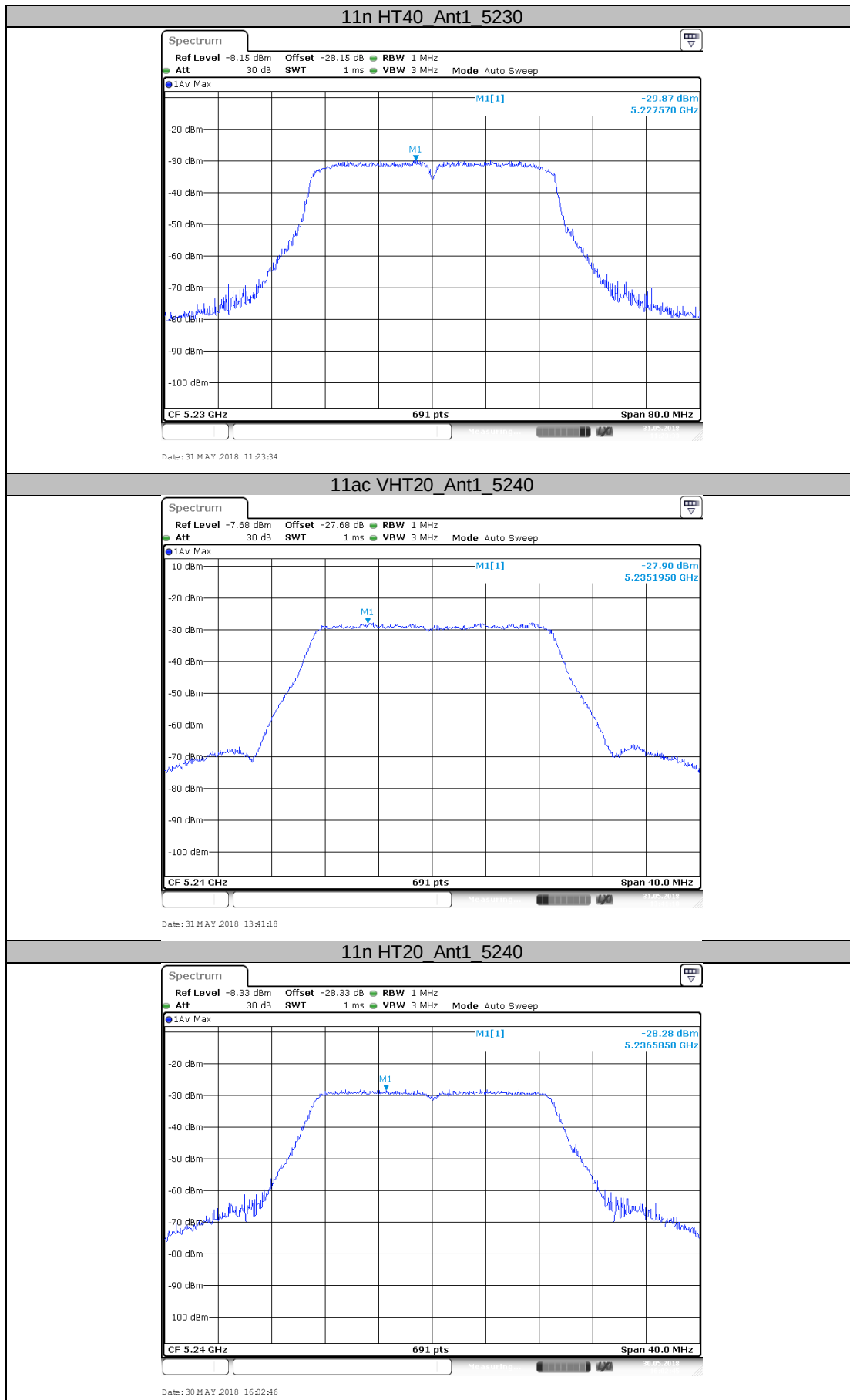


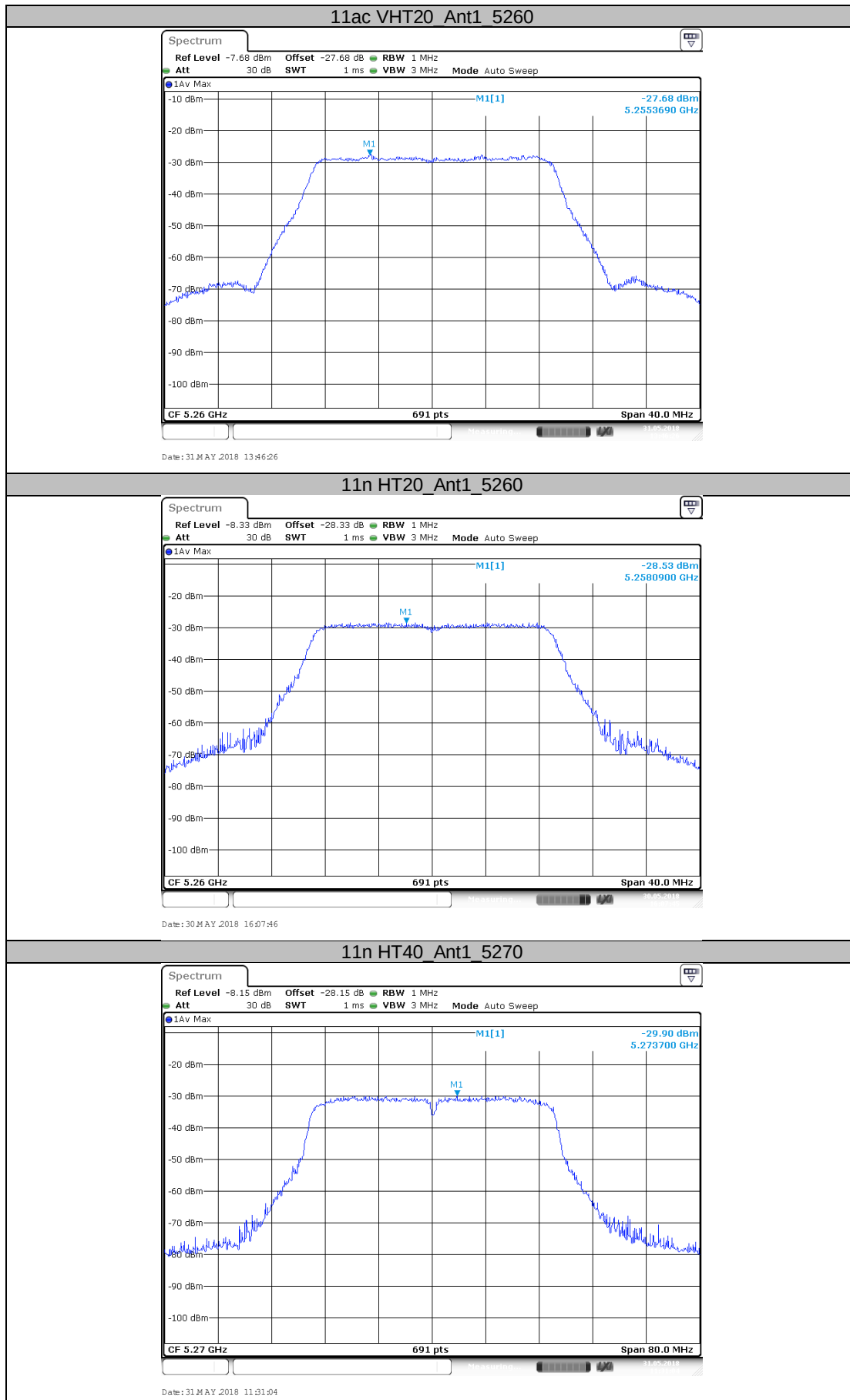


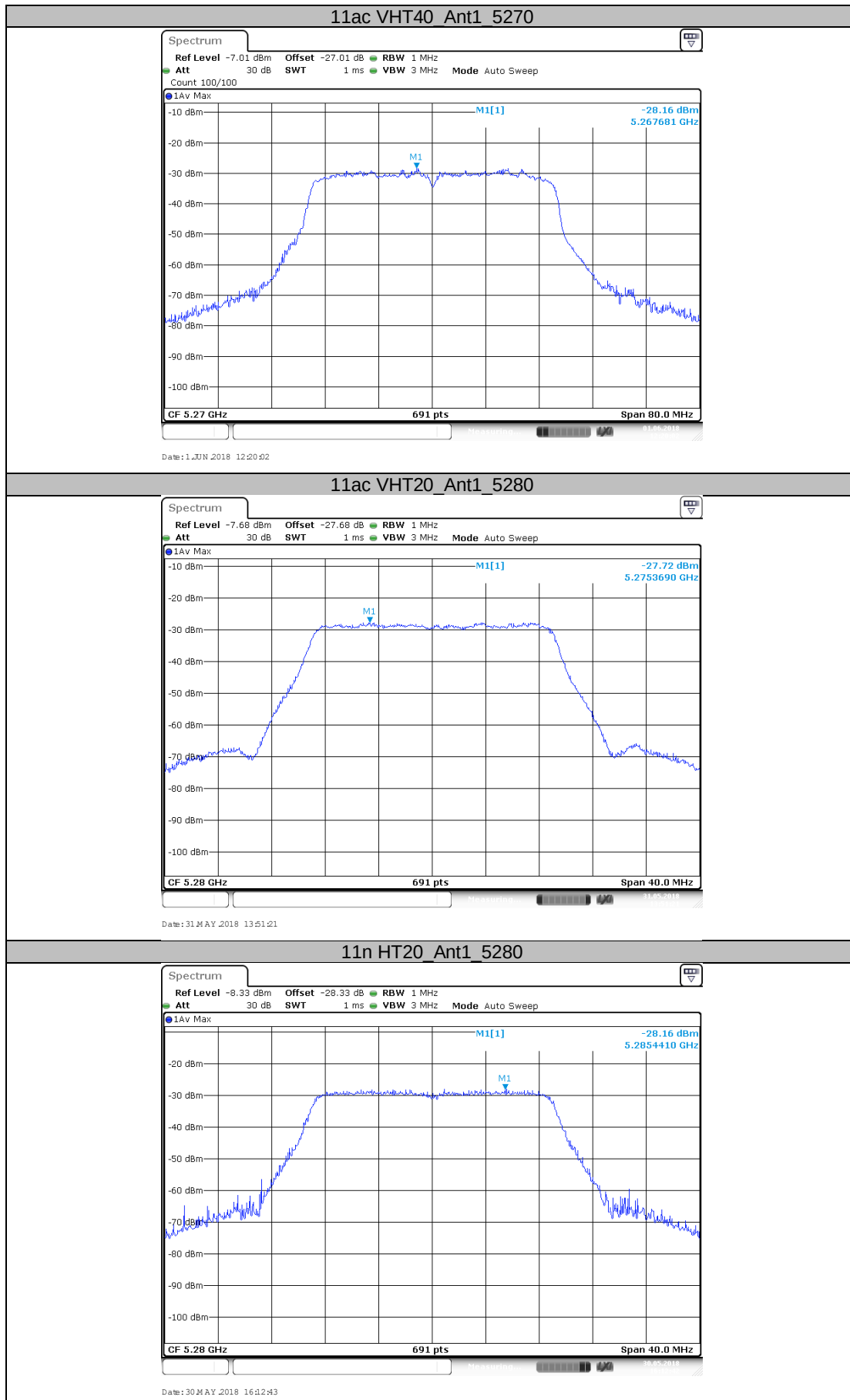


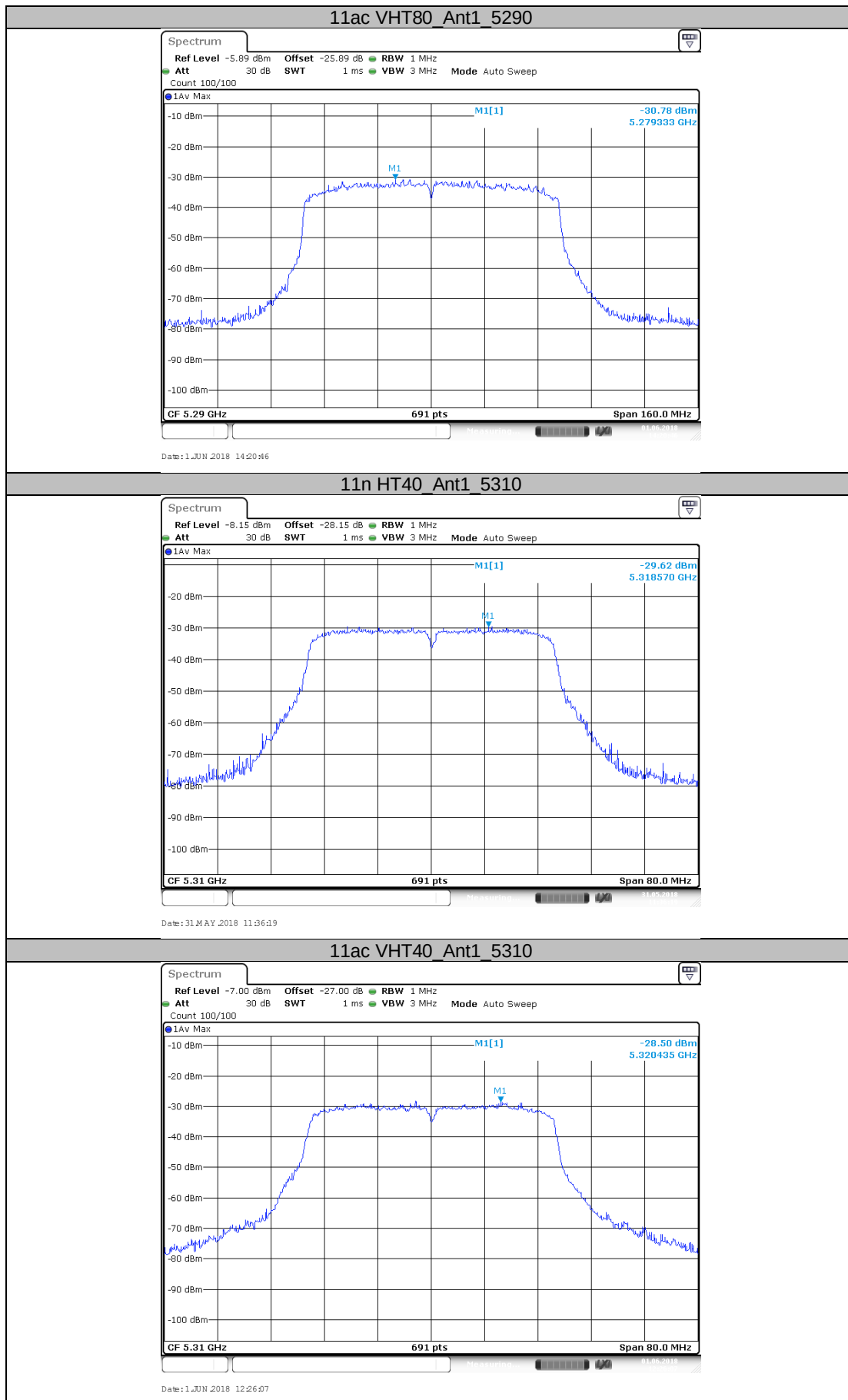


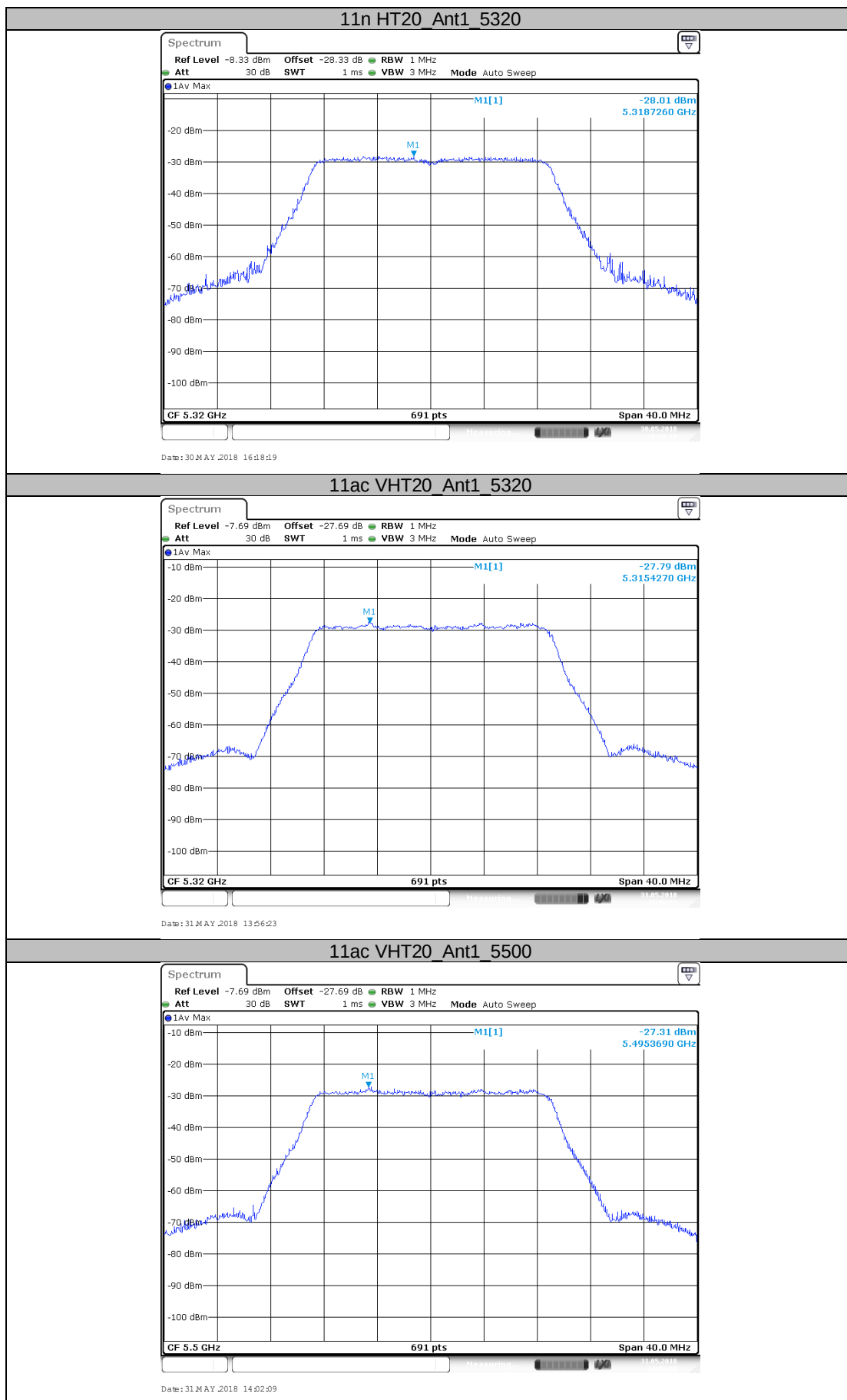


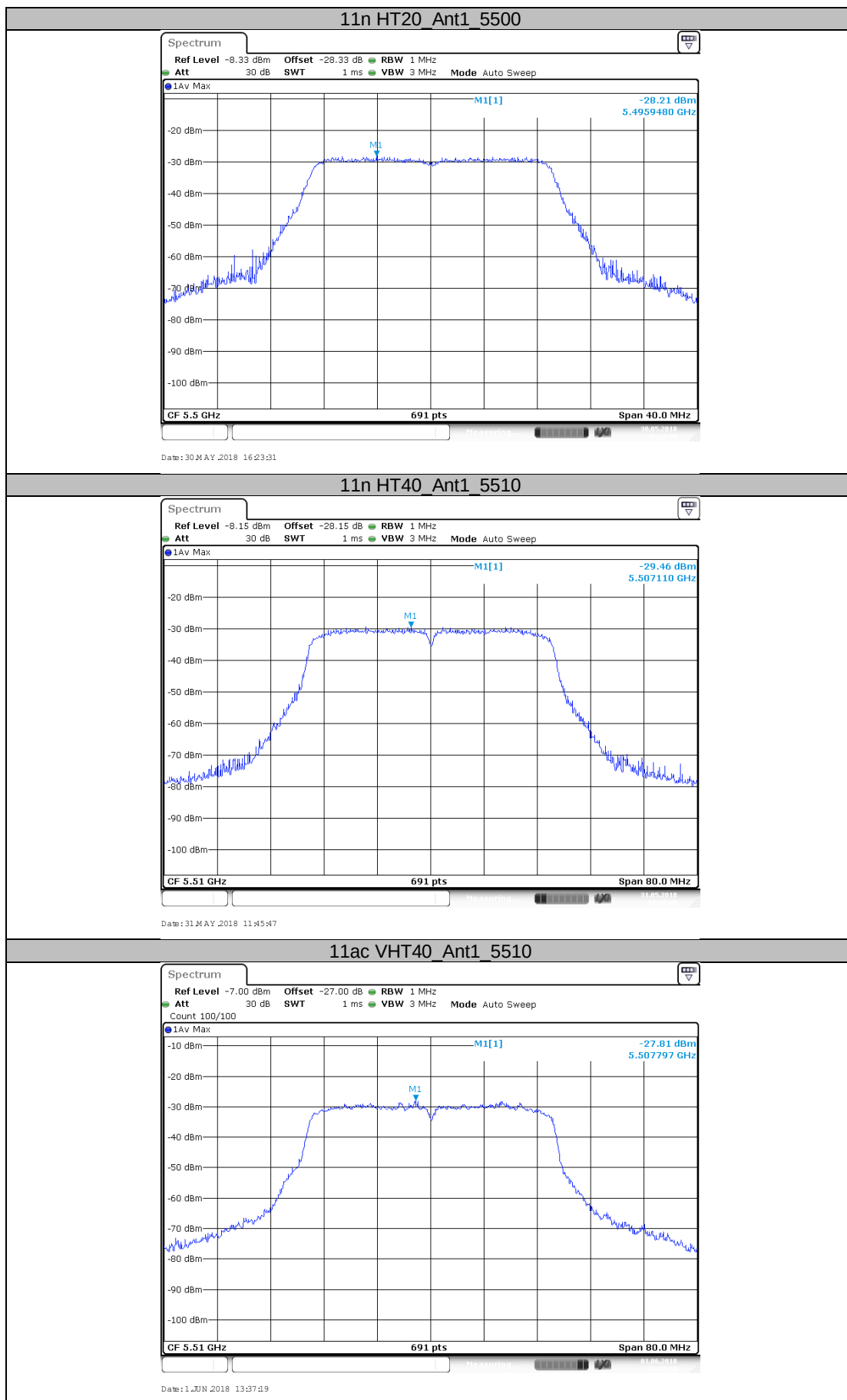


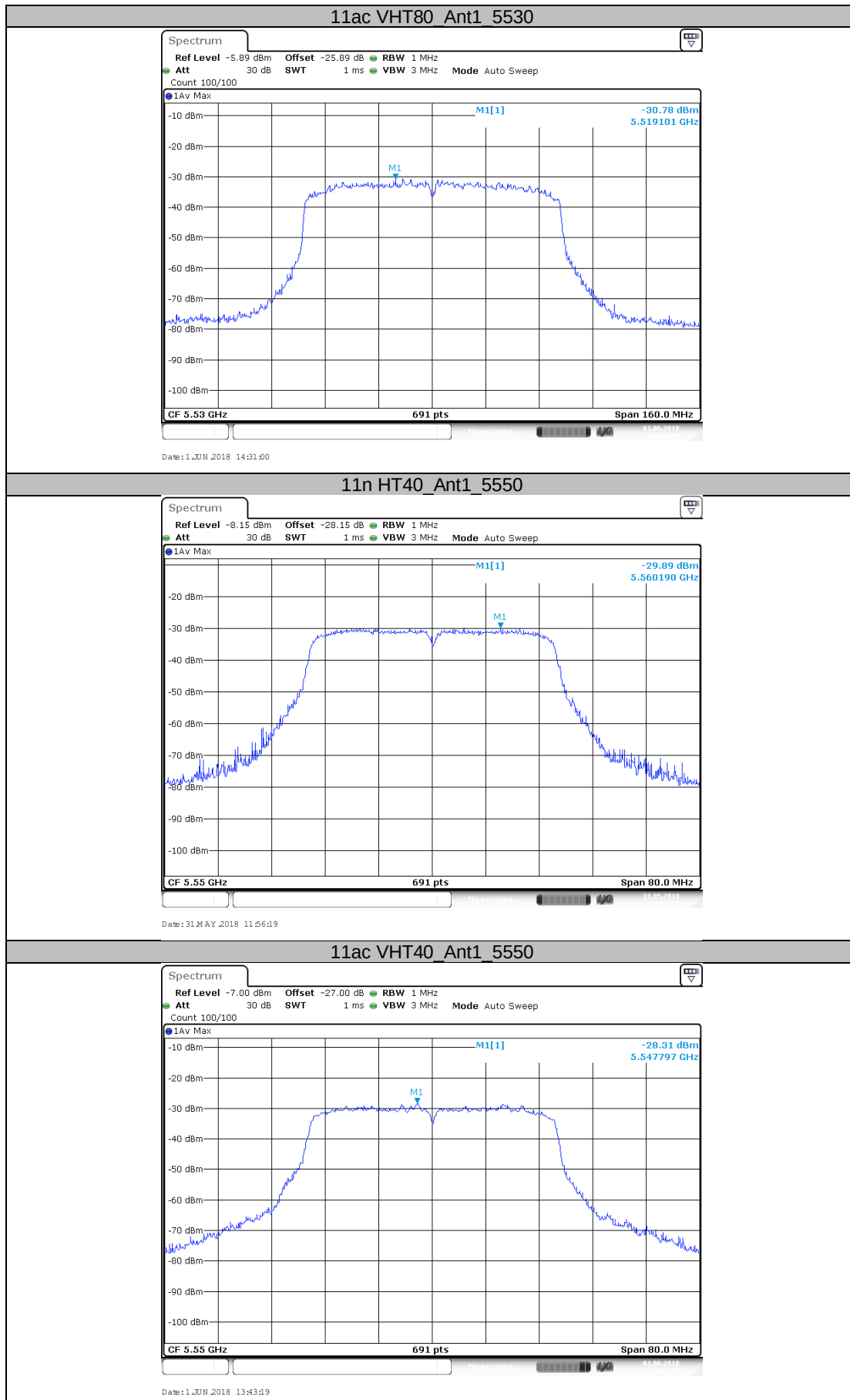


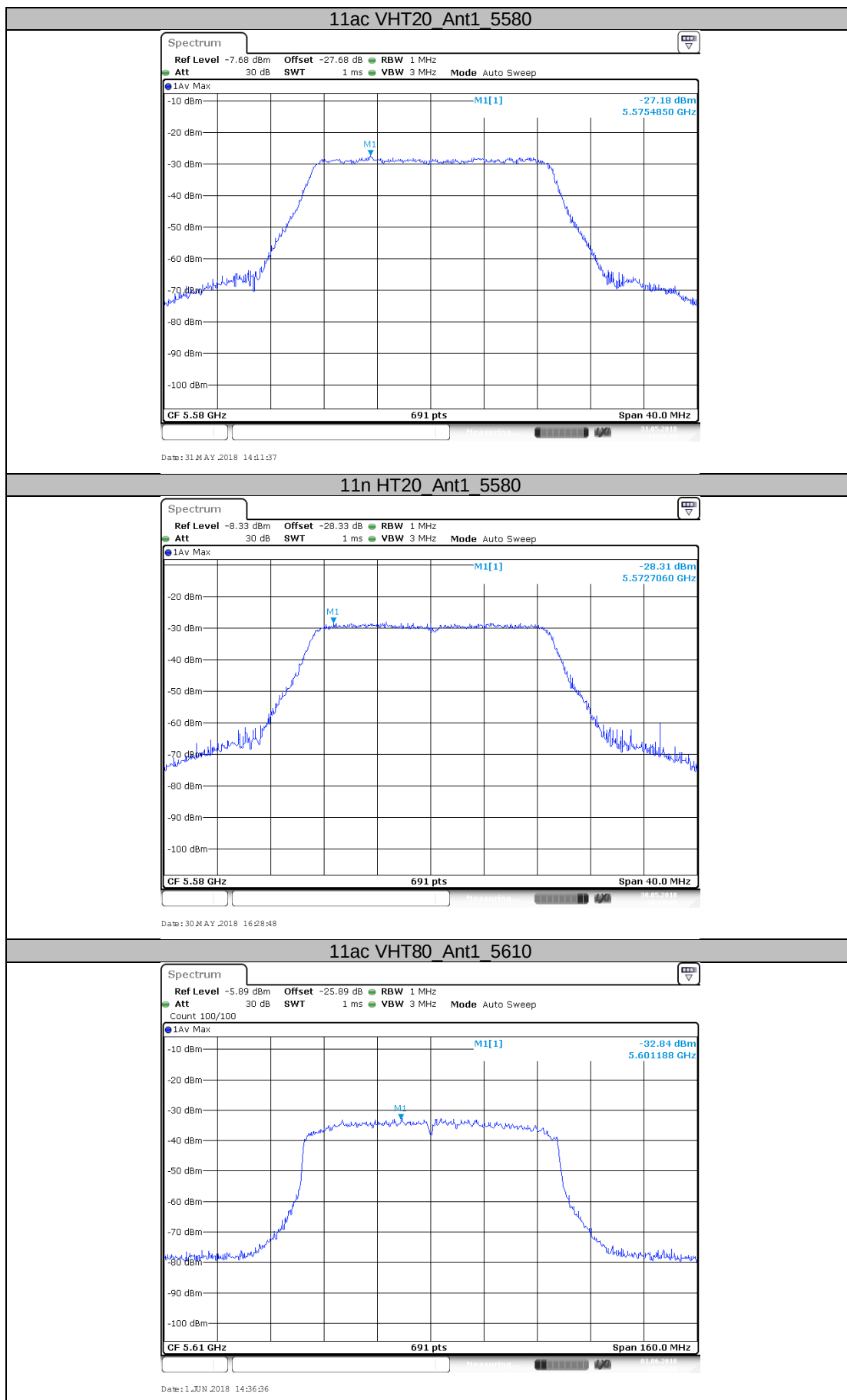


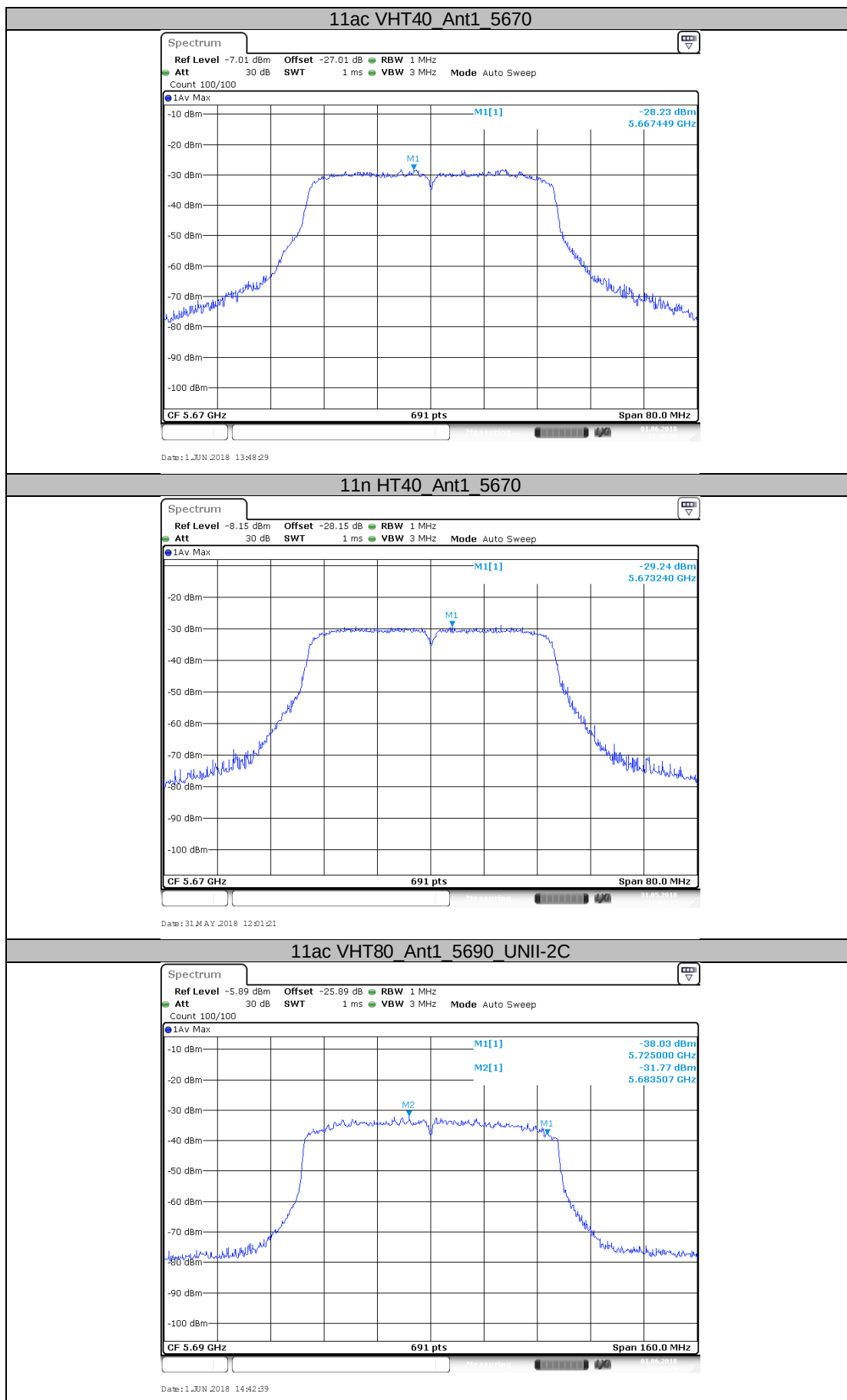


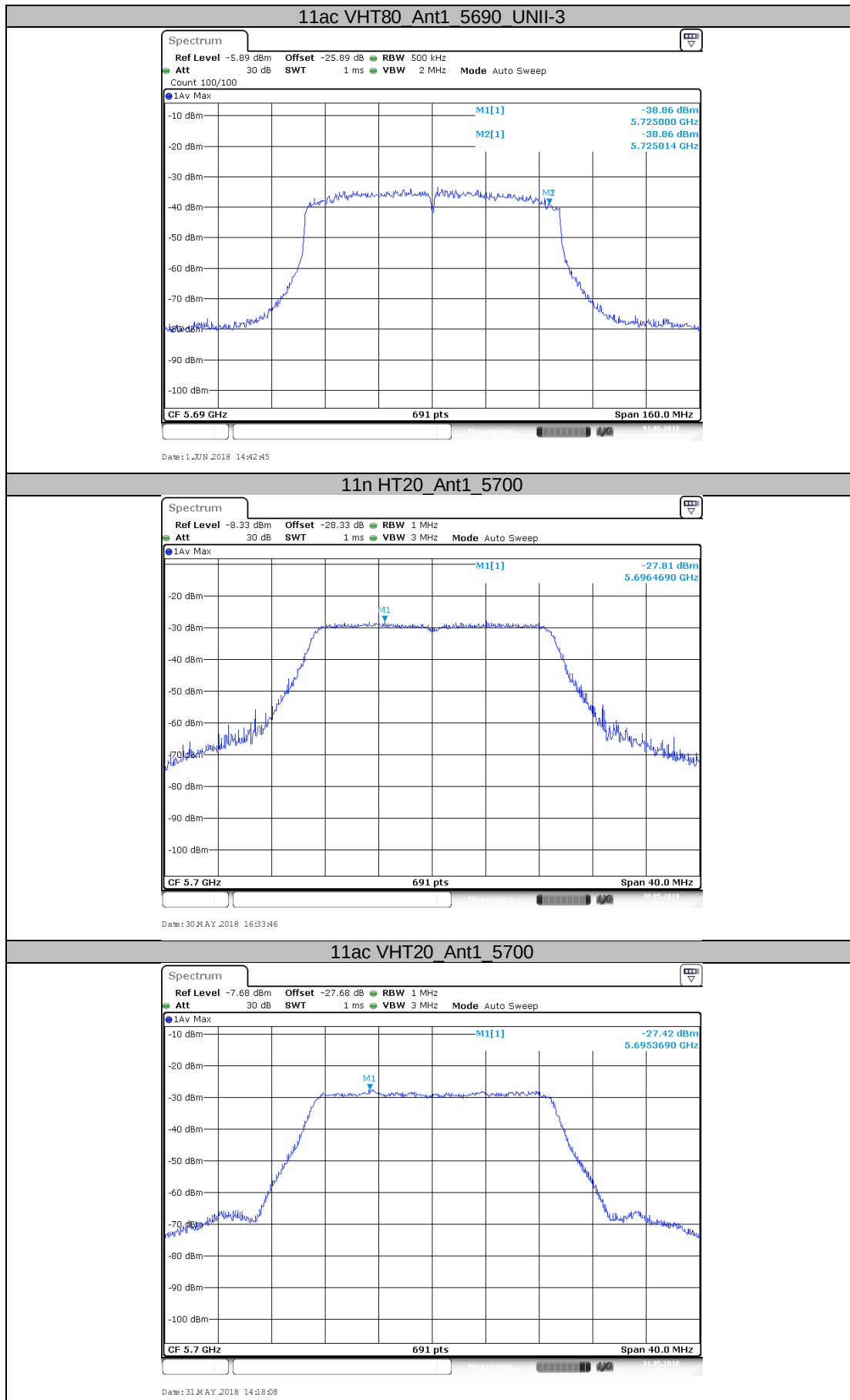


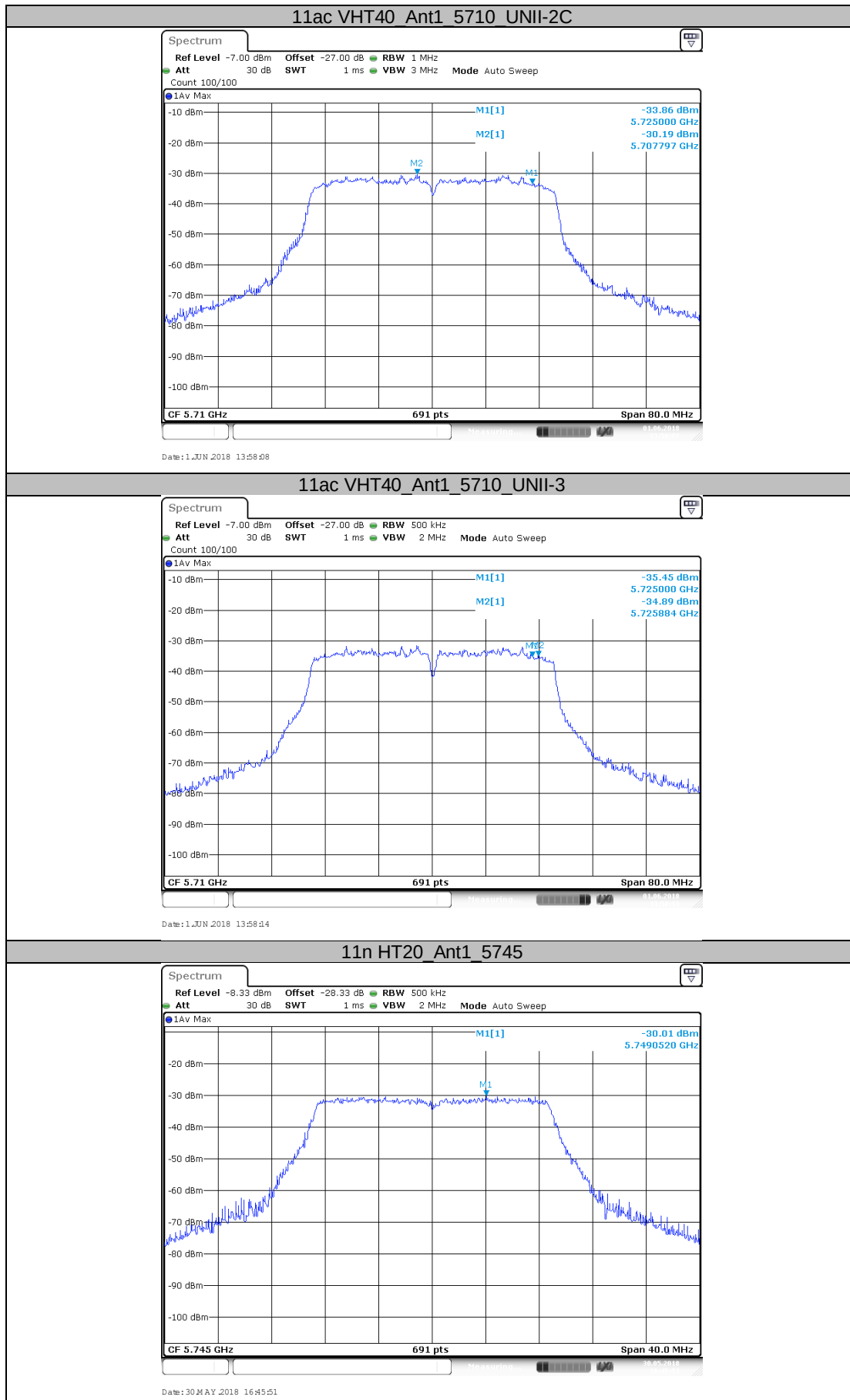


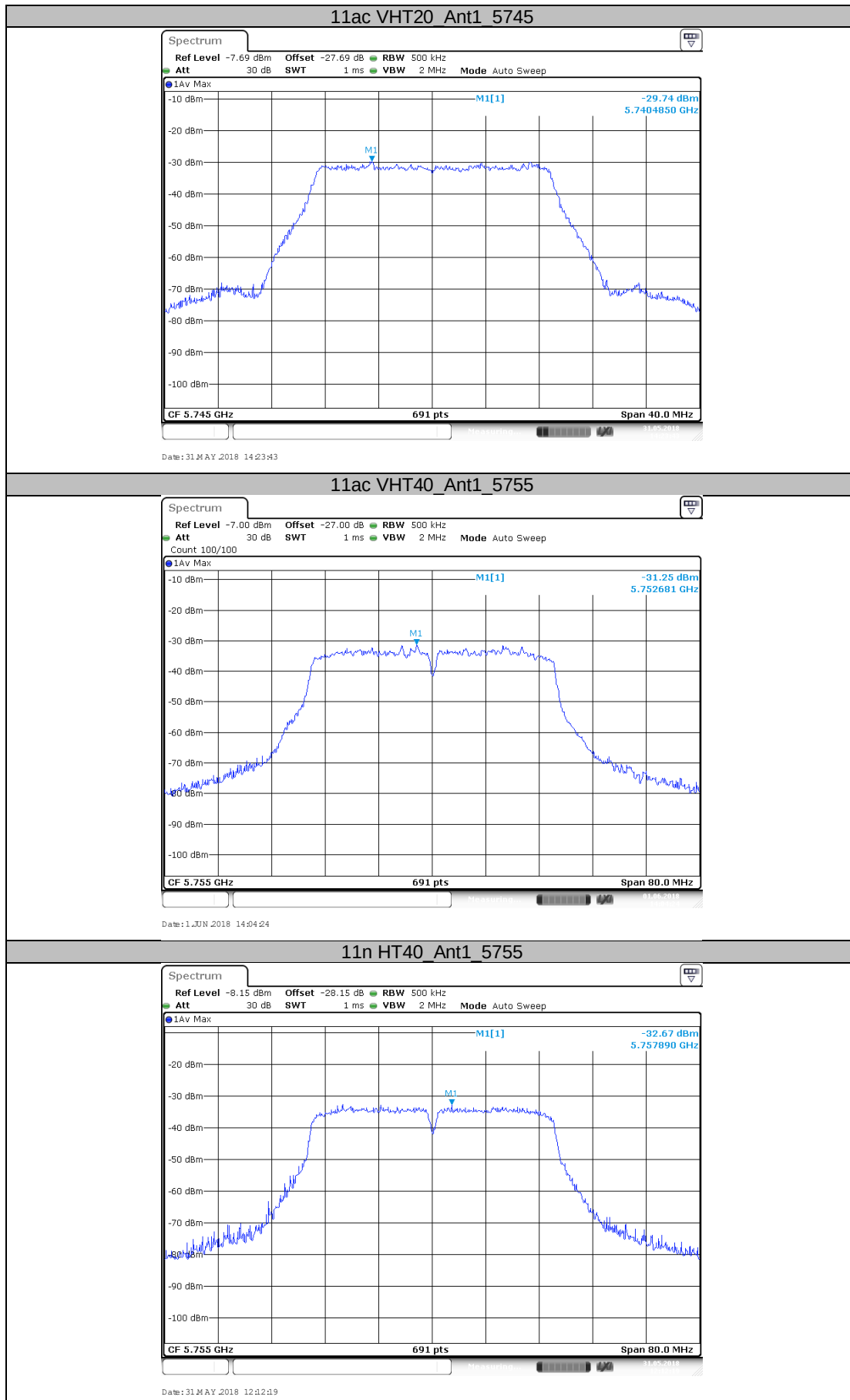


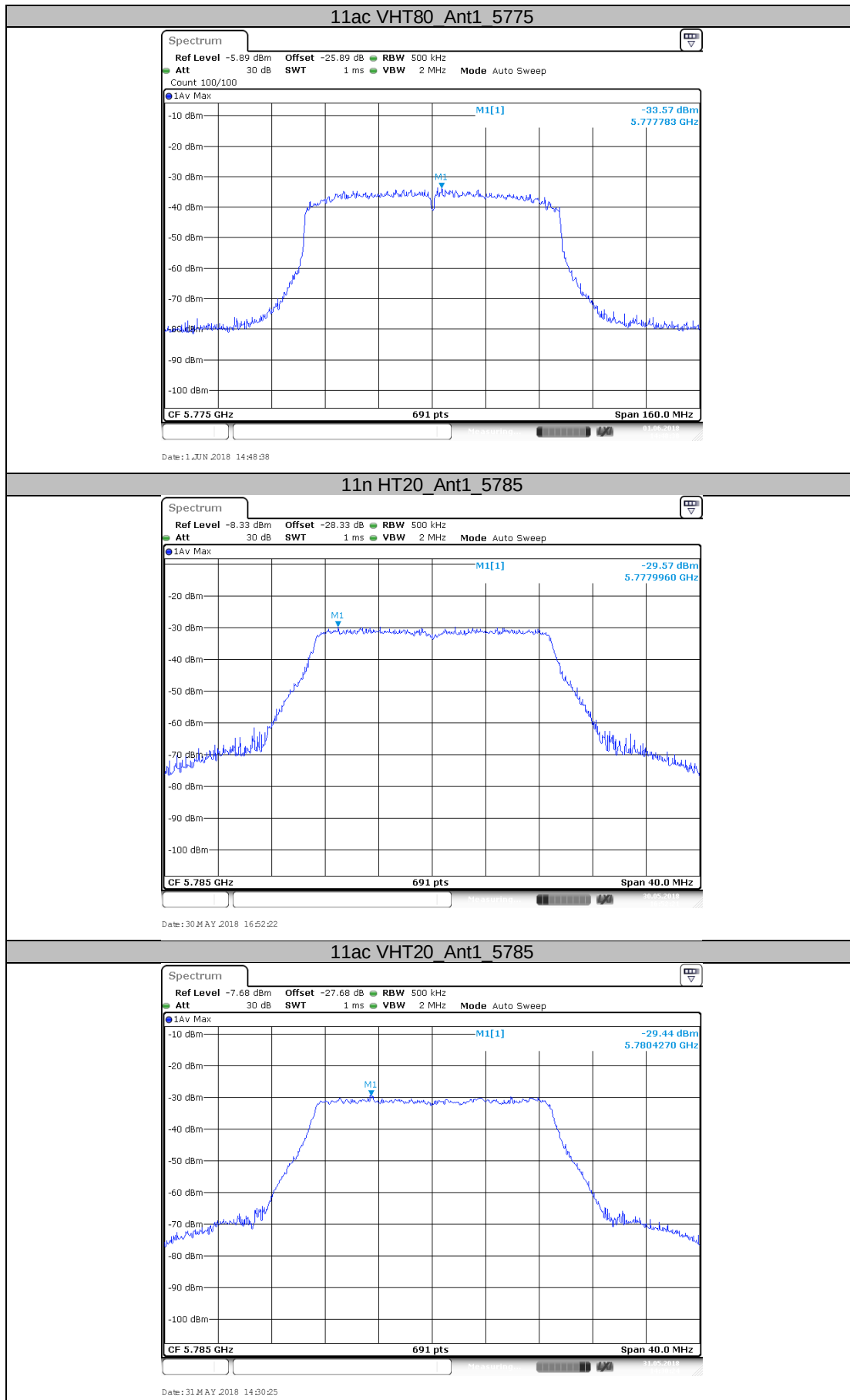


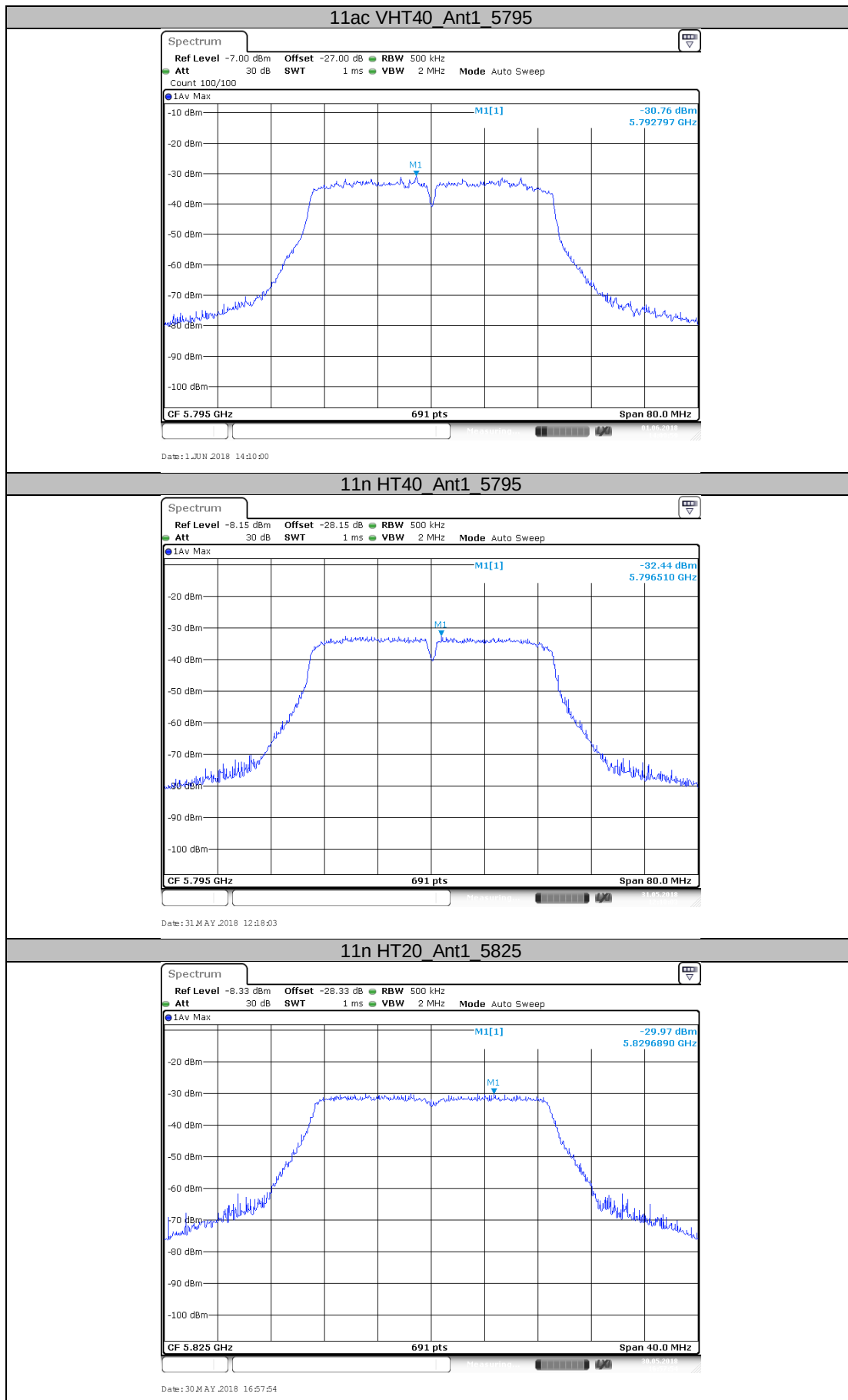


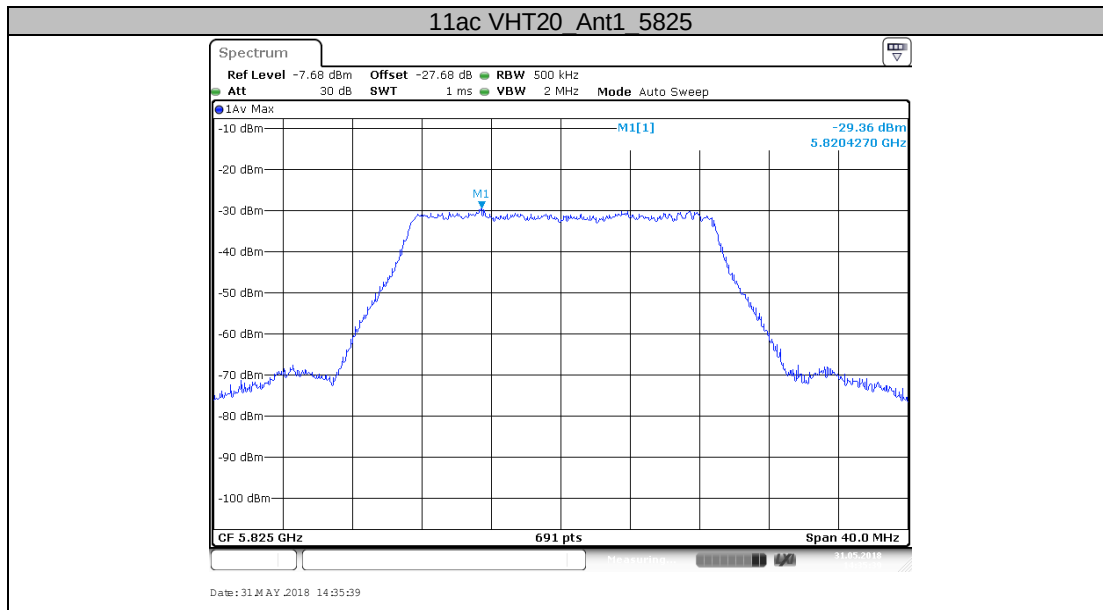












## 9.5 Unwanted emissions

### Test Method

According to KBD789033 D02

### Limits:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

The provisions of §15.205 apply to intentional radiators operating under this section.

**Test result:**

| Test Mode  | Antenna | Channel | Freq Range | Max. Fre | Max. Level | Limit | Verdict |
|------------|---------|---------|------------|----------|------------|-------|---------|
| 11a        | Ant1    | 5180    | 30~5140    | 5127.82  | -49.86     | -27   | PASS    |
|            |         | 5180    | 5360~10000 | 6868.96  | -53.88     | -27   | PASS    |
|            |         | 5200    | 30~5140    | 995.50   | -51.03     | -27   | PASS    |
|            |         | 5200    | 5360~10000 | 9244.09  | -53.92     | -27   | PASS    |
|            |         | 5240    | 30~5140    | 1035.02  | -49.64     | -27   | PASS    |
|            |         | 5240    | 5360~10000 | 7011.55  | -53.96     | -27   | PASS    |
|            |         | 5260    | 30~5140    | 1055.46  | -53.18     | -27   | PASS    |
|            |         | 5260    | 5360~10000 | 7034.91  | -54.27     | -27   | PASS    |
|            |         | 5280    | 30~5140    | 1077.60  | -53.95     | -27   | PASS    |
|            |         | 5280    | 5360~10000 | 7007.84  | -54.6      | -27   | PASS    |
|            |         | 5320    | 30~5140    | 1114.22  | -54.2      | -27   | PASS    |
|            |         | 5320    | 5360~10000 | 5373.53  | -50.85     | -27   | PASS    |
|            |         | 5500    | 30~5460    | 5447.60  | -49.52     | -27   | PASS    |
|            |         | 5500    | 5735~10000 | 7018.94  | -53.75     | -27   | PASS    |
|            |         | 5580    | 30~5460    | 5294.12  | -54.92     | -27   | PASS    |
|            |         | 5580    | 5735~10000 | 7003.72  | -54.28     | -27   | PASS    |
|            |         | 5700    | 30~5460    | 5440.72  | -54.79     | -27   | PASS    |
|            |         | 5700    | 5735~10000 | 5752.70  | -50.76     | -27   | PASS    |
|            |         | 5745    | 30~5715    | 5692.54  | -48.28     | -27   | PASS    |
|            |         | 5745    | 5860~10000 | 7005.71  | -54.32     | -27   | PASS    |
|            |         | 5785    | 30~5715    | 5412.85  | -54.16     | -27   | PASS    |
|            |         | 5785    | 5860~10000 | 6918.08  | -53.72     | -27   | PASS    |
|            |         | 5825    | 30~5715    | 5000.51  | -54.94     | -27   | PASS    |
|            |         | 5825    | 5860~10000 | 5877.46  | -50.82     | -27   | PASS    |
| 11n HT20   | Ant1    | 5180    | 30~5140    | 5128.33  | -47.12     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5180    | 30~5140    | 974.21   | -46.73     | -27   | PASS    |
|            |         | 5180    | 5360~10000 | 7009.70  | -53.97     | -27   | PASS    |
| 11n HT20   | Ant1    | 5180    | 5360~10000 | 7000.57  | -54.47     | -27   | PASS    |
| 11n HT40   | Ant1    | 5190    | 30~5140    | 986.13   | -47.41     | -27   | PASS    |
|            |         | 5190    | 5360~10000 | 7023.15  | -53.91     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5200    | 30~5140    | 995.33   | -49.9      | -27   | PASS    |
| 11n HT20   | Ant1    | 5200    | 30~5140    | 995.33   | -49.68     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5200    | 5360~10000 | 6197.26  | -53.69     | -27   | PASS    |
| 11n HT20   | Ant1    | 5200    | 5360~10000 | 6213.65  | -53.93     | -27   | PASS    |
| 11n HT40   | Ant1    | 5230    | 30~5140    | 1022.58  | -51.55     | -27   | PASS    |
|            |         | 5230    | 5360~10000 | 7001.04  | -54.07     | -27   | PASS    |
| 11n HT20   | Ant1    | 5240    | 30~5140    | 1029.23  | -49.1      | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5240    | 30~5140    | 1035.36  | -50.76     | -27   | PASS    |
| 11n HT20   | Ant1    | 5240    | 5360~10000 | 7035.83  | -53.93     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5240    | 5360~10000 | 6879.01  | -53.74     | -27   | PASS    |
| 11n HT20   | Ant1    | 5260    | 30~5140    | 1054.10  | -49.76     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5260    | 30~5140    | 1055.80  | -48.91     | -27   | PASS    |
| 11n HT20   | Ant1    | 5260    | 5360~10000 | 7018.05  | -54.59     | -27   | PASS    |
| 11ac VHT20 | Ant1    | 5260    | 5360~10000 | 6816.68  | -54.36     | -27   | PASS    |
|            | Ant1    | 5270    | 30~5140    | 1065.00  | -51.18     | -27   | PASS    |

|               |      |      |            |         |        |     |      |
|---------------|------|------|------------|---------|--------|-----|------|
| 11n<br>HT40   |      | 5270 | 5360~10000 | 5375.39 | -51.8  | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5280 | 30~5140    | 1074.88 | -51.4  | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5280 | 30~5140    | 1074.02 | -51.75 | -27 | PASS |
|               |      | 5280 | 5360~10000 | 7025.01 | -53.2  | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5280 | 5360~10000 | 6346.82 | -54.18 | -27 | PASS |
| 11n<br>HT40   | Ant1 | 5310 | 30~5140    | 1108.60 | -52.99 | -27 | PASS |
|               |      | 5310 | 5360~10000 | 5416.37 | -52.57 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5320 | 30~5140    | 1115.24 | -53.19 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5320 | 30~5140    | 1118.31 | -54.19 | -27 | PASS |
|               |      | 5320 | 5360~10000 | 5371.99 | -49.08 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5320 | 5360~10000 | 5372.30 | -47.83 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5500 | 30~5460    | 5448.33 | -47.3  | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5500 | 30~5460    | 5448.33 | -47.68 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5500 | 5735~10000 | 7012.40 | -53.14 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5500 | 5735~10000 | 7006.14 | -53.5  | -27 | PASS |
| 11n<br>HT40   | Ant1 | 5510 | 30~5460    | 5403.62 | -50.75 | -27 | PASS |
|               |      | 5510 | 5735~10000 | 6697.93 | -54.57 | -27 | PASS |
|               |      | 5550 | 30~5460    | 5446.33 | -50.14 | -27 | PASS |
|               |      | 5550 | 5735~10000 | 7007.56 | -53.94 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5580 | 30~5460    | 5196.74 | -55.09 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5580 | 30~5460    | 5388.24 | -54.89 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5580 | 5735~10000 | 6490.09 | -54.23 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5580 | 5735~10000 | 7010.83 | -54.45 | -27 | PASS |
| 11n<br>HT40   | Ant1 | 5670 | 30~5460    | 5329.96 | -54.77 | -27 | PASS |
|               |      | 5670 | 5735~10000 | 5772.89 | -51.66 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5700 | 30~5460    | 5249.78 | -54.91 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5700 | 30~5460    | 5365.97 | -55.3  | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5700 | 5735~10000 | 5752.27 | -49.29 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5700 | 5735~10000 | 5752.13 | -49.54 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5745 | 30~5715    | 5693.49 | -48.9  | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5745 | 30~5715    | 5693.30 | -48.65 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5745 | 5860~10000 | 6304.28 | -54.49 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5745 | 5860~10000 | 7007.09 | -54.6  | -27 | PASS |
| 11n<br>HT40   | Ant1 | 5755 | 30~5715    | 5708.27 | -50.6  | -27 | PASS |
|               |      | 5755 | 5860~10000 | 6543.97 | -53.97 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5785 | 30~5715    | 4645.97 | -55.23 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5785 | 30~5715    | 5415.32 | -53.87 | -27 | PASS |
|               |      | 5785 | 5860~10000 | 9712.21 | -54.16 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5785 | 5860~10000 | 7006.26 | -54.09 | -27 | PASS |
| 11n<br>HT40   | Ant1 | 5795 | 30~5715    | 5692.36 | -51.6  | -27 | PASS |
|               |      | 5795 | 5860~10000 | 5897.60 | -53.64 | -27 | PASS |

|               |      |      |            |         |        |     |      |
|---------------|------|------|------------|---------|--------|-----|------|
| 11ac<br>VHT20 | Ant1 | 5825 | 30~5715    | 5447.15 | -55.28 | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5825 | 30~5715    | 5424.22 | -54.75 | -27 | PASS |
| 11ac<br>VHT20 | Ant1 | 5825 | 5860~10000 | 5876.77 | -50.2  | -27 | PASS |
| 11n<br>HT20   | Ant1 | 5825 | 5860~10000 | 5877.18 | -49.73 | -27 | PASS |

## Test Graphs

