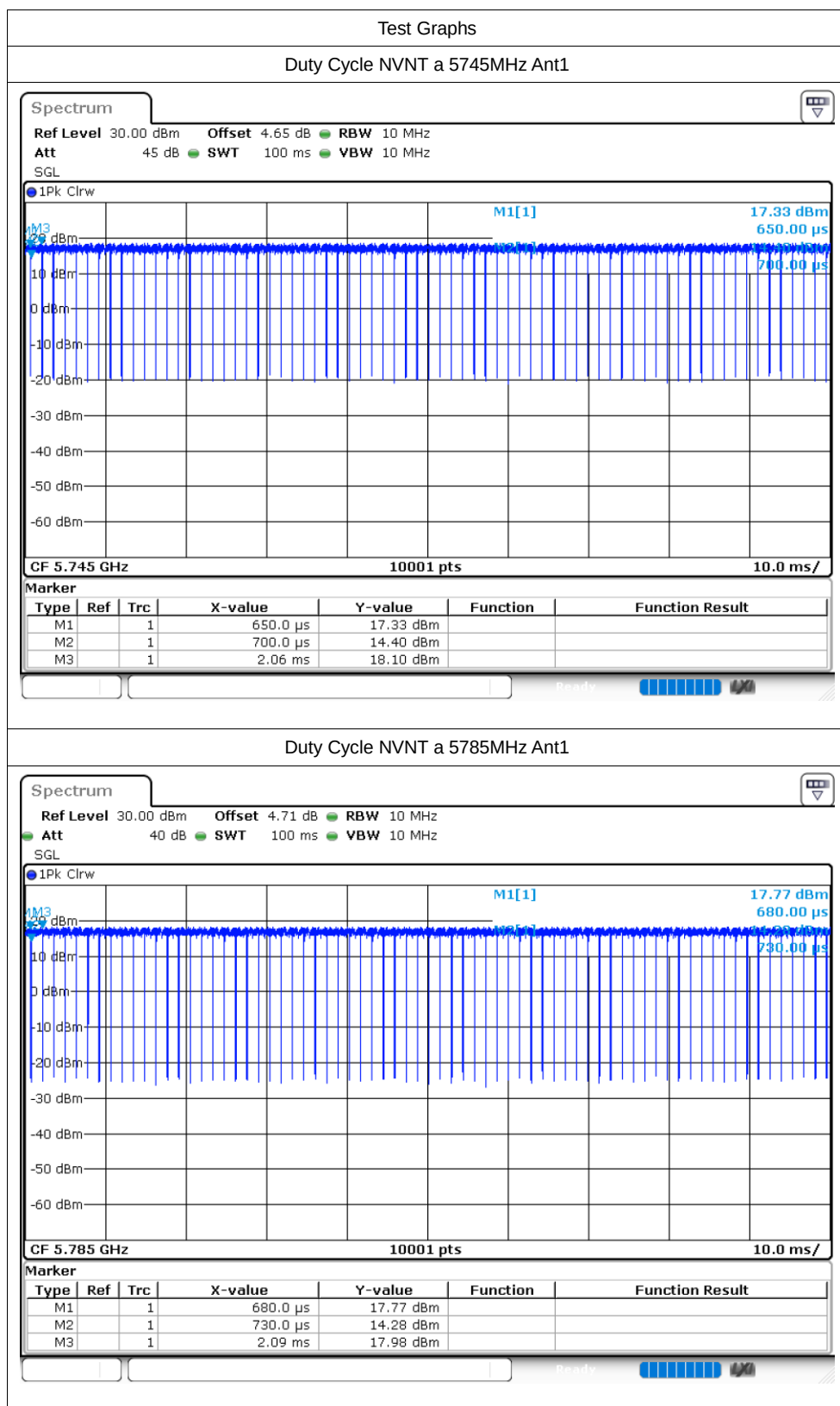
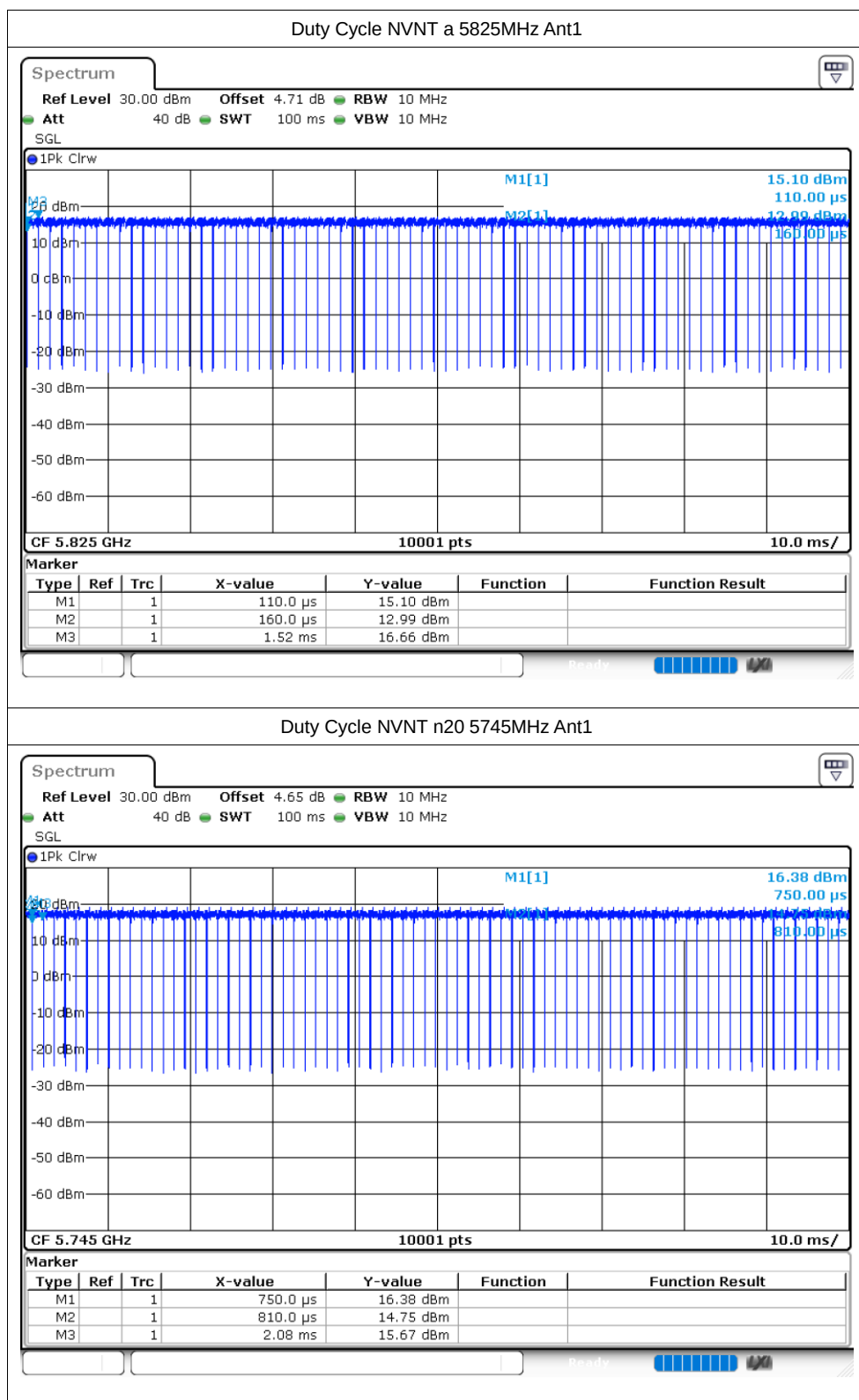


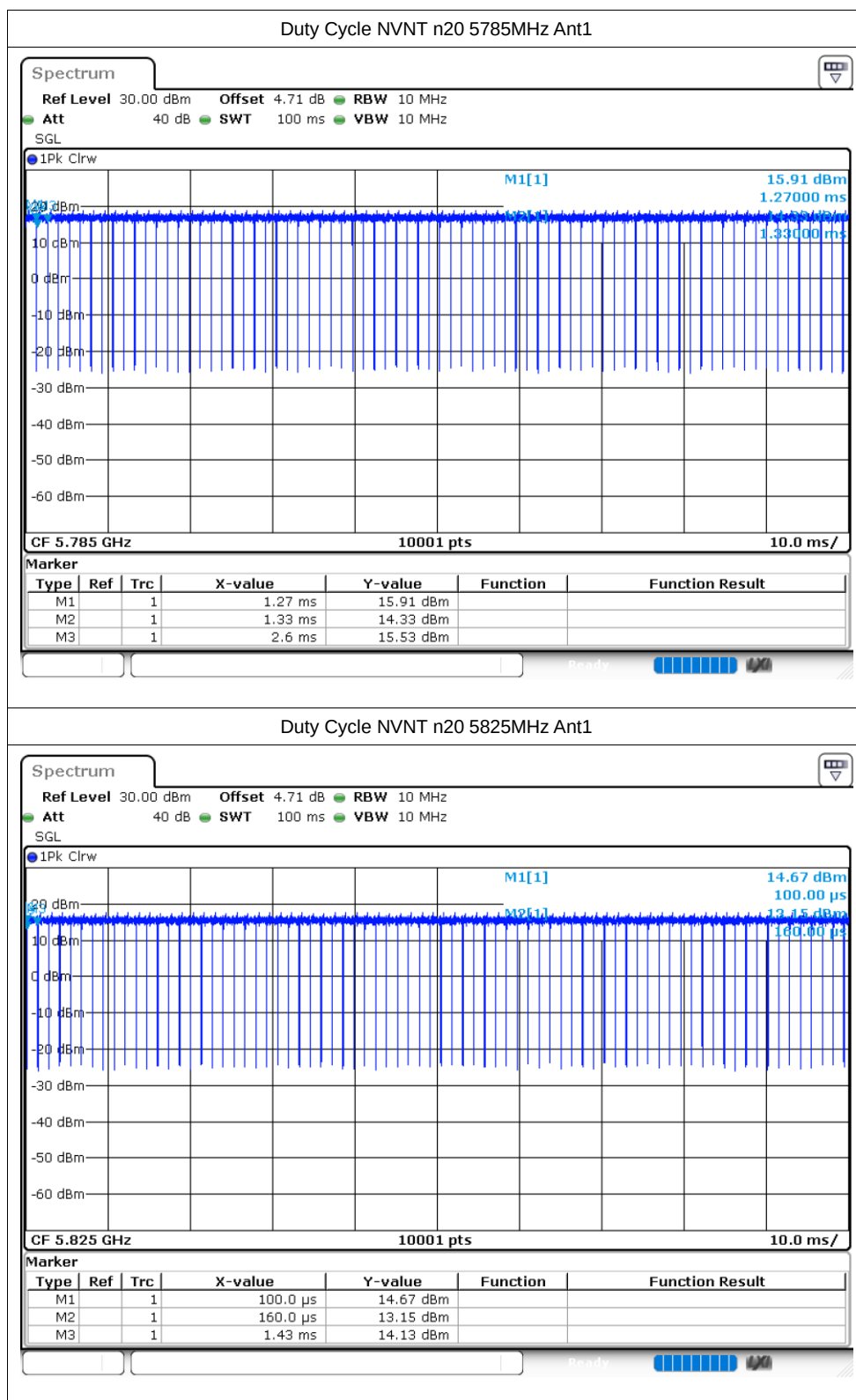
# WIFI 5.8G

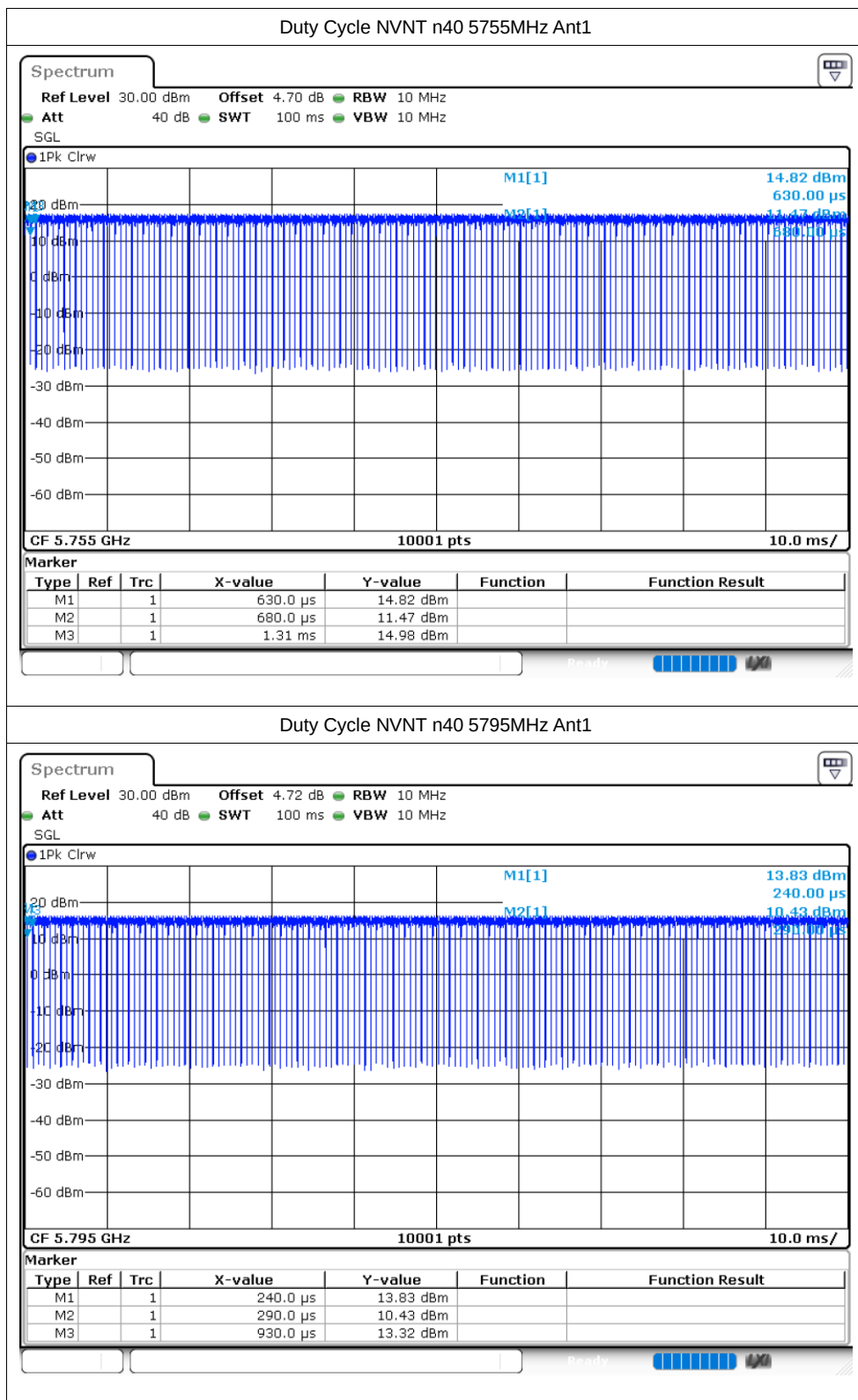
## Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 97.01          | 0.13                   | 0.74      |
| NVNT      | a    | 5785            | Ant1    | 97             | 0.13                   | 0.74      |
| NVNT      | a    | 5825            | Ant1    | 97.01          | 0.13                   | 0.74      |
| NVNT      | n20  | 5745            | Ant1    | 96.84          | 0.14                   | 0.79      |
| NVNT      | n20  | 5785            | Ant1    | 96.82          | 0.14                   | 0.79      |
| NVNT      | n20  | 5825            | Ant1    | 96.8           | 0.14                   | 0.79      |
| NVNT      | n40  | 5755            | Ant1    | 93.84          | 0.28                   | 1.59      |
| NVNT      | n40  | 5795            | Ant1    | 93.86          | 0.28                   | 1.56      |









## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 12.63                    | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 11.99                    | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 11.72                    | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 12.37                    | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 11.99                    | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 11.87                    | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 12.97                    | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 12.54                    | 30             | Pass    |

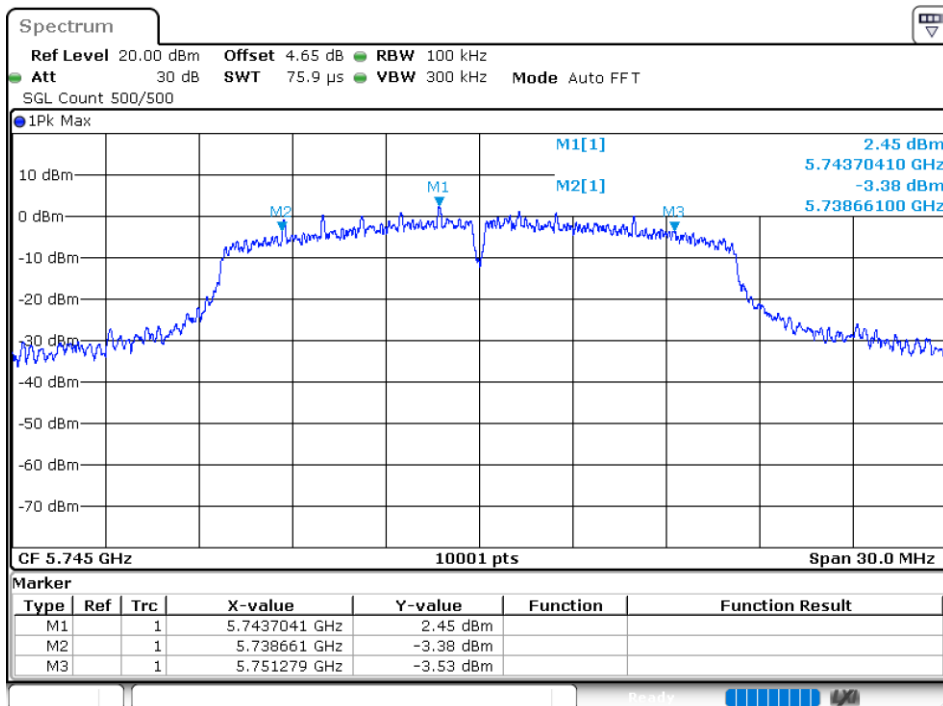
Note: The average power value already includes the duty cycle factor.

## -6dB Bandwidth

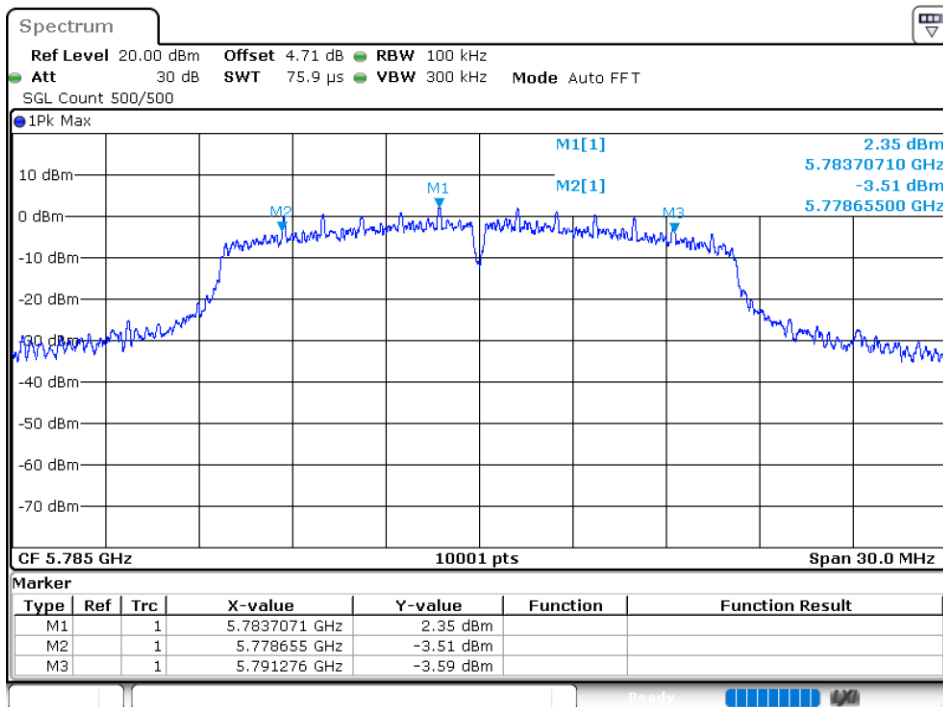
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 12.618                | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 12.621                | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 12.63                 | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 12.216                | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 12.609                | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 12.63                 | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 30.06                 | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 31.302                | 0.5                         | Pass    |

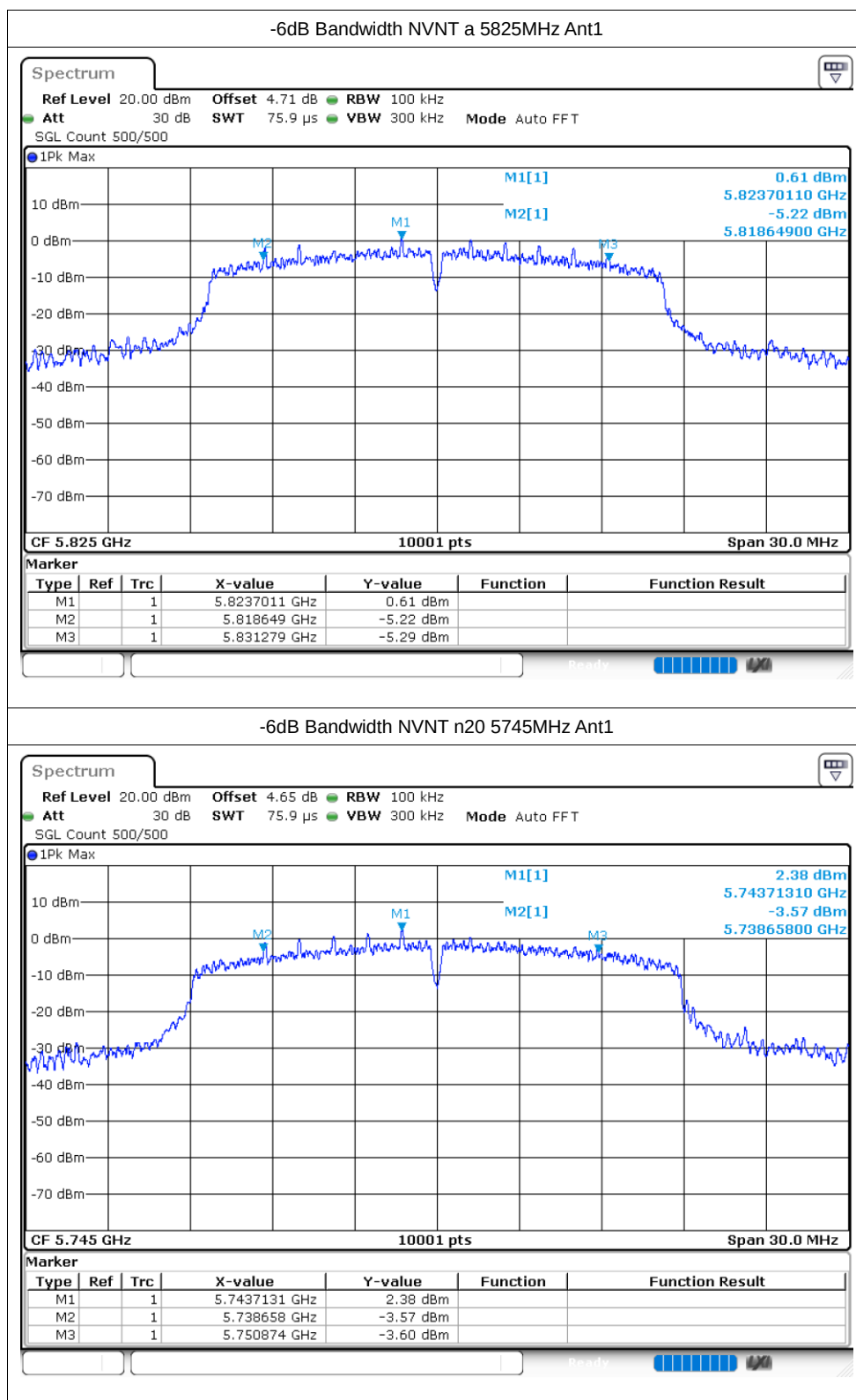
### Test Graphs

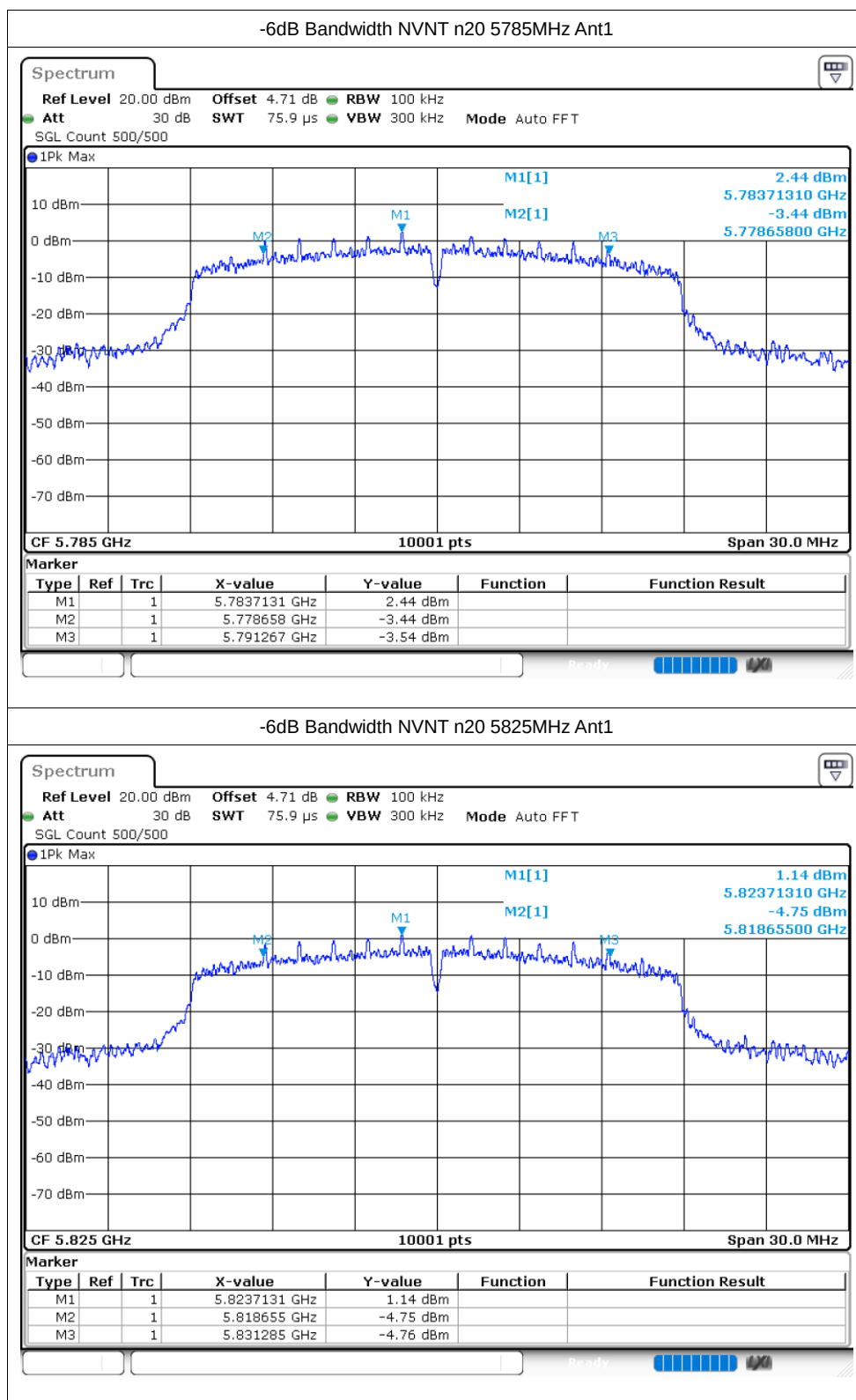
#### -6dB Bandwidth NVNT a 5745MHz Ant1

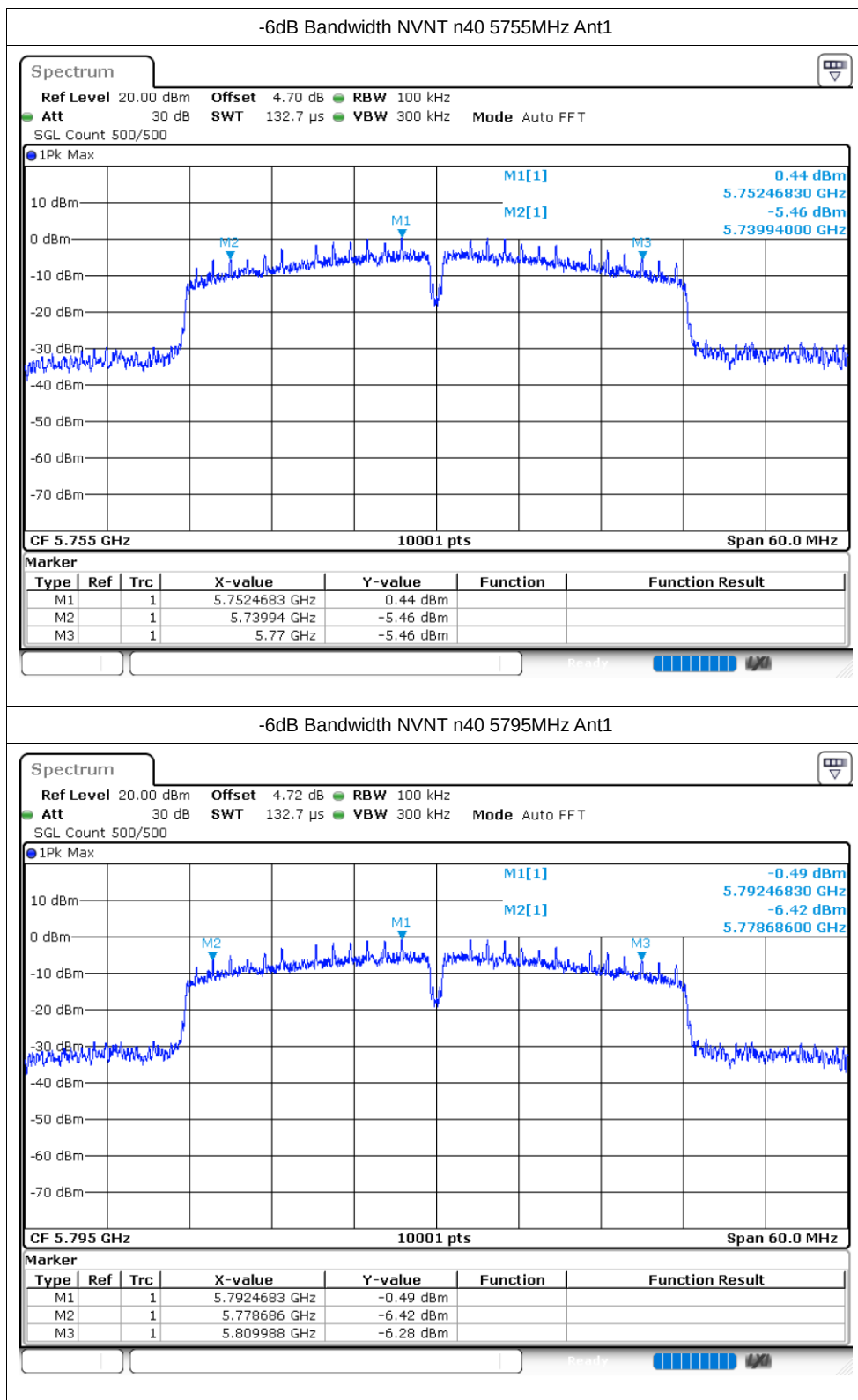


#### -6dB Bandwidth NVNT a 5785MHz Ant1







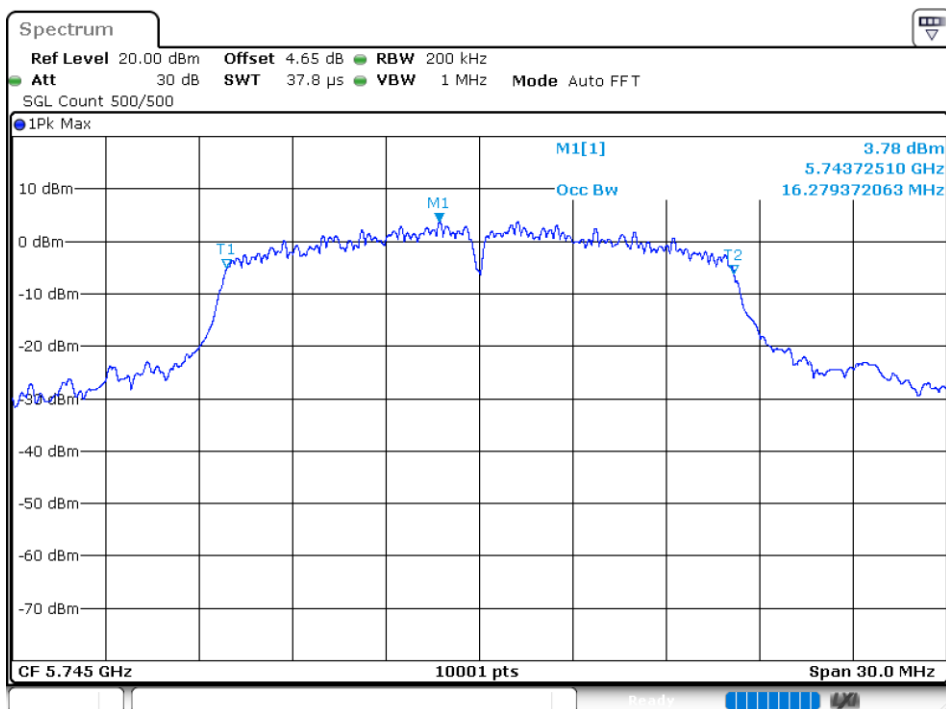


## Occupied Channel Bandwidth

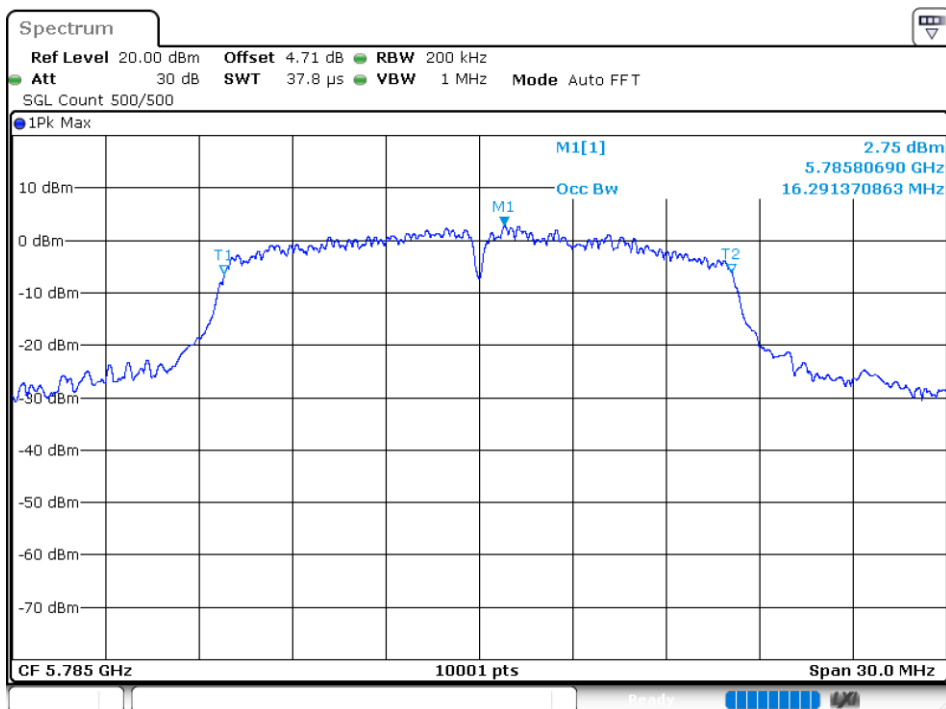
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.279        |
| NVNT      | a    | 5785            | Ant1    | 16.291        |
| NVNT      | a    | 5825            | Ant1    | 16.297        |
| NVNT      | n20  | 5745            | Ant1    | 17.356        |
| NVNT      | n20  | 5785            | Ant1    | 17.437        |
| NVNT      | n20  | 5825            | Ant1    | 17.386        |
| NVNT      | n40  | 5755            | Ant1    | 35.432        |
| NVNT      | n40  | 5795            | Ant1    | 35.654        |

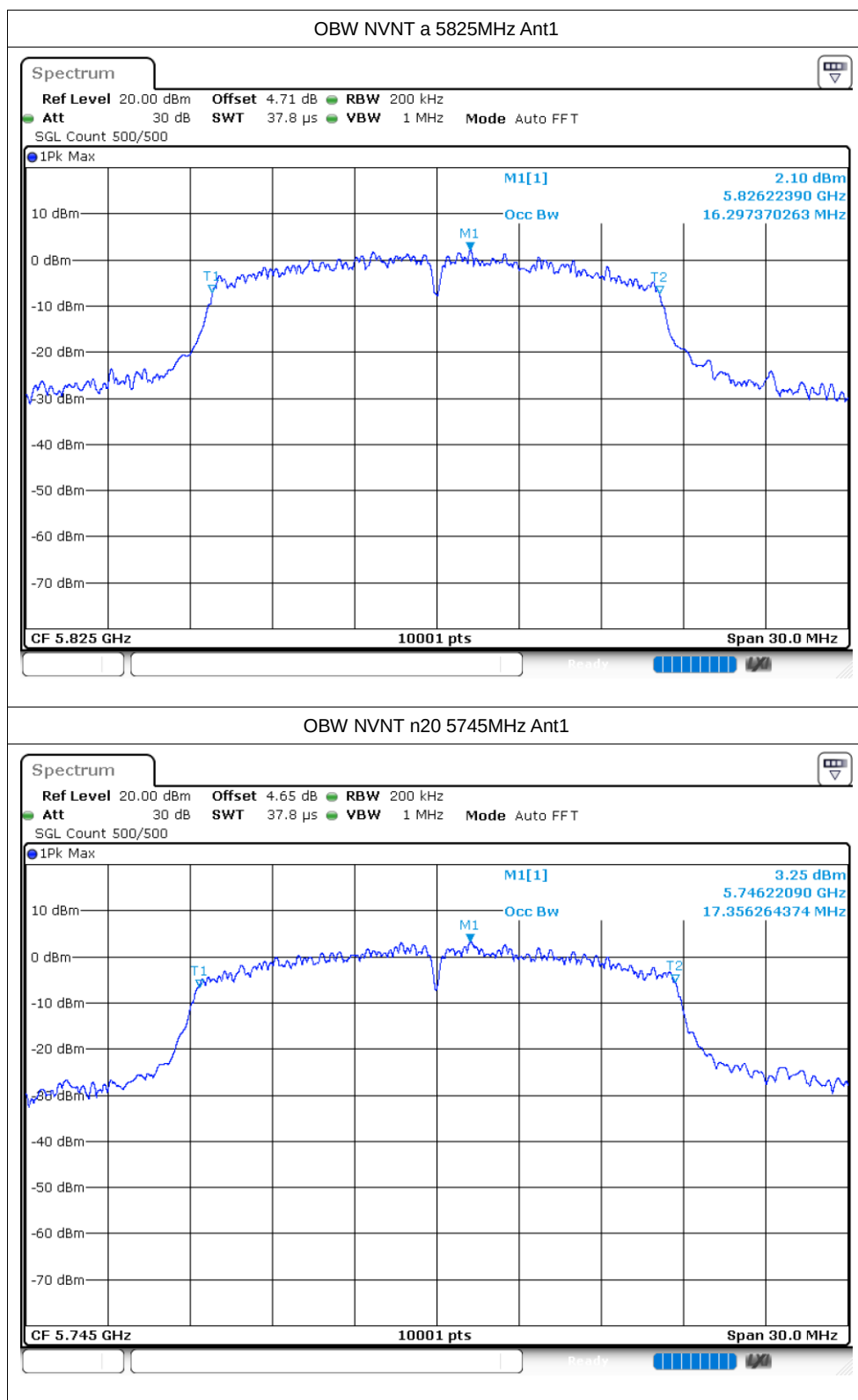
# Test Graphs

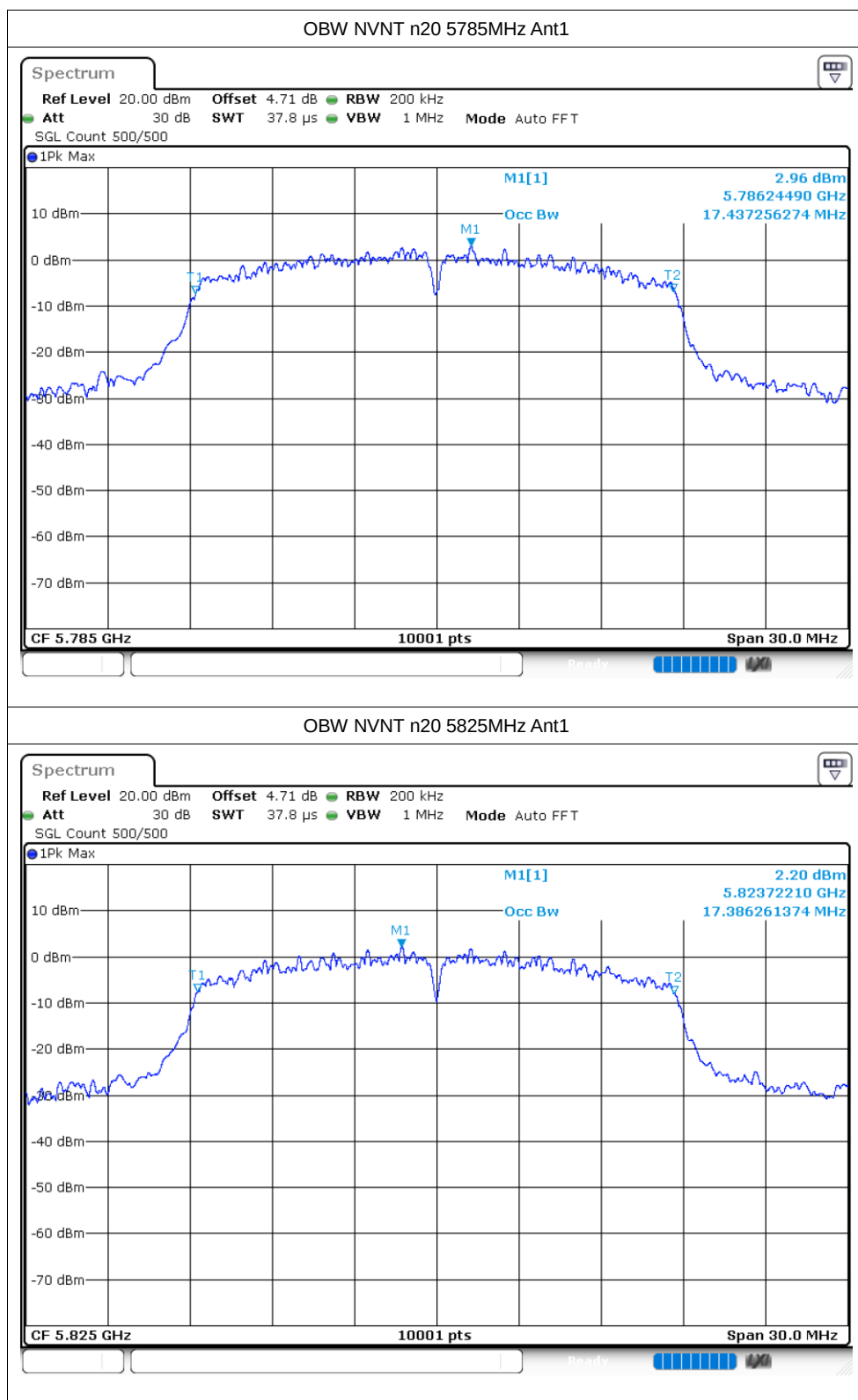
## OBW NVNT a 5745MHz Ant1

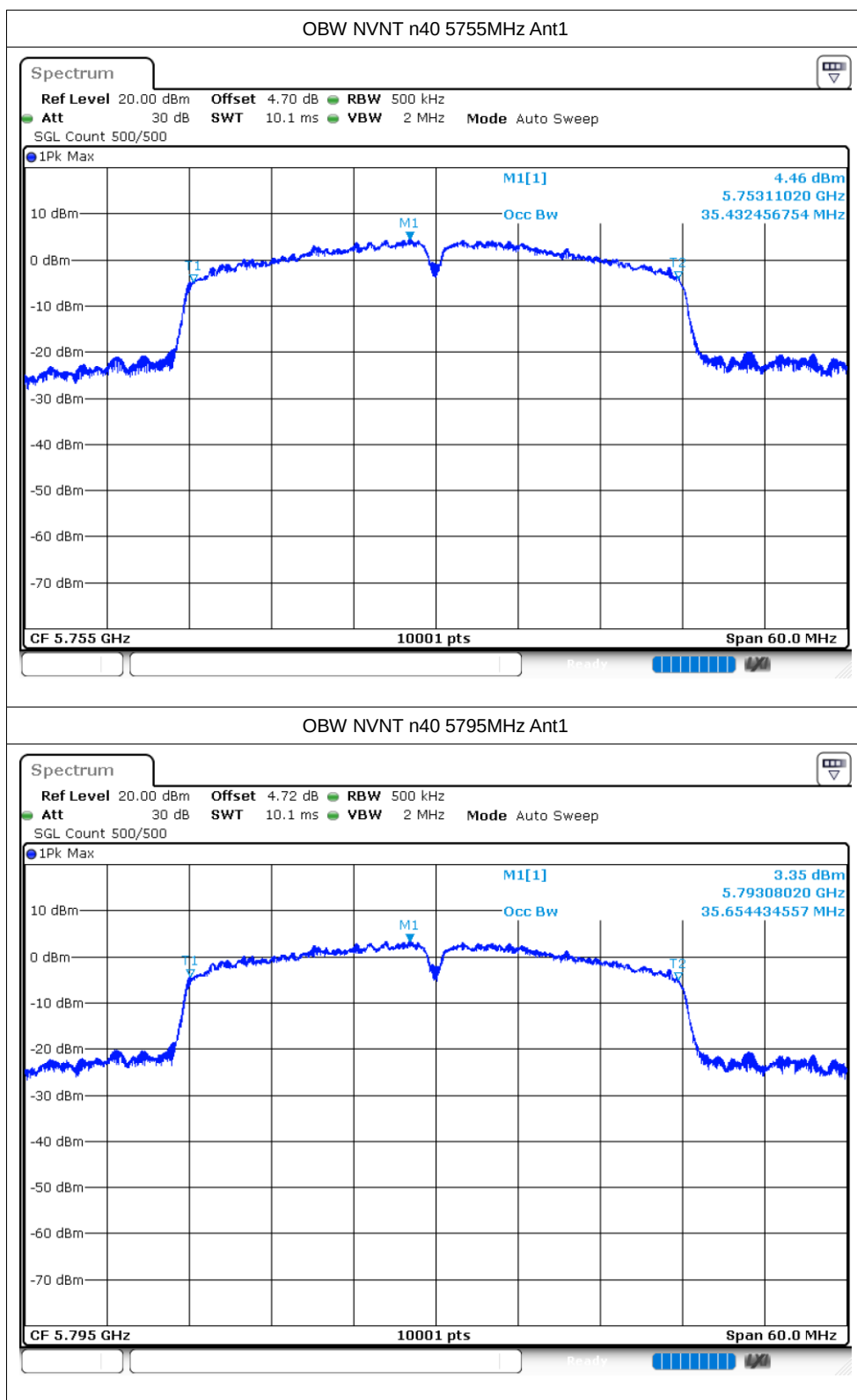


## OBW NVNT a 5785MHz Ant1









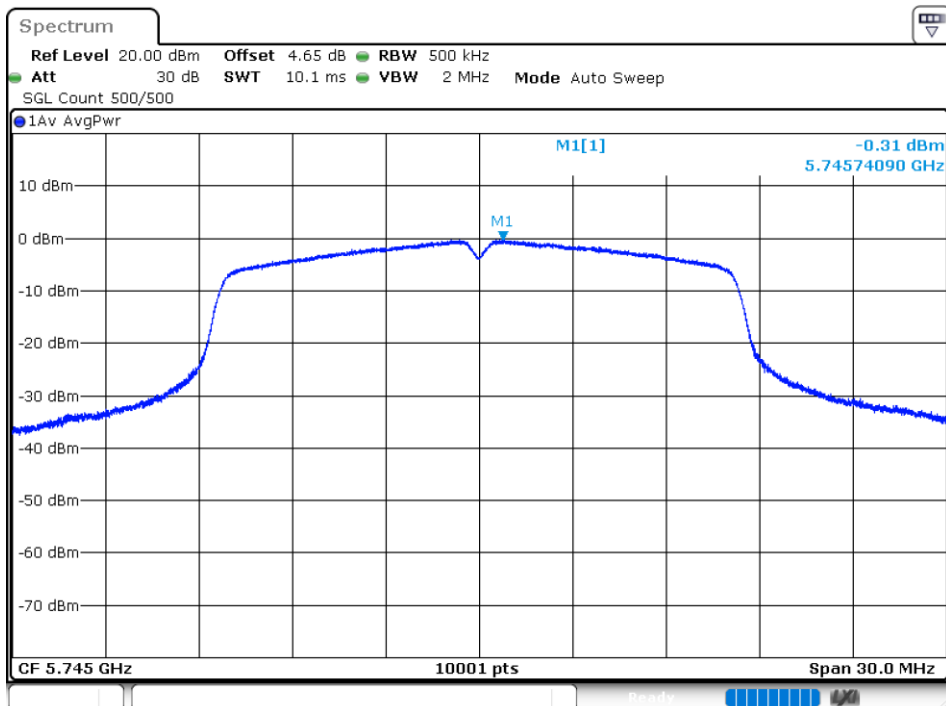
## Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -0.31               | 0.13             | -0.18           | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | -0.62               | 0.13             | -0.49           | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | -1.97               | 0.13             | -1.84           | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -0.38               | 0.14             | -0.24           | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -0.67               | 0.14             | -0.53           | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.09               | 0.14             | -1.95           | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -2.98               | 0.28             | -2.7            | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -4.18               | 0.28             | -3.9            | 30          | Pass    |

Note: The average power value already includes the duty cycle factor.

# Test Graphs

## PSD NVNT a 5745MHz Ant1



## PSD NVNT a 5785MHz Ant1

