

# DUTY CYCLE

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

## TEST EQUIPMENT

| Description                  | Manufacturer       | Model           | ID  | Last Cal.  | Interval (mo) |
|------------------------------|--------------------|-----------------|-----|------------|---------------|
| Analyzer - Spectrum Analyzer | Keysight           | N9010A          | AFN | 2/10/2015  | 15            |
| Meter - Multimeter           | Fluke              | 117/EFSP        | MLR | 5/27/2015  | 36            |
| Power Supply - DC            | Agilent            | U8002A          | TPZ | NCR        | 0             |
| Attenuator                   | S.M. Electronics   | SA26B-20        | RFW | 2/26/2016  | 12            |
| Block - DC                   | Fairview Microwave | SD3379          | AMI | 9/18/2015  | 12            |
| Cable                        | ESM Cable Corp.    | TTBJ141 KMKM-72 | MNU | 9/18/2015  | 12            |
| Generator - Signal           | Agilent            | N5183A          | TIK | 10/17/2014 | 36            |

## TEST DESCRIPTION

Per ANSI C63.10, all measurements are to be performed with the EUT operating at 100% duty cycle at its maximum power level. In the event the EUT cannot be operated at 100% duty cycle, the transmission pulse duration (T) and Duty Cycle (x) are required to be measured for each of the EUT operating modes.

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used

The duty cycle was calculated by dividing the transmission pulse duration (T) by the total period of a single on and total off time.

If the transmit duty cycle < 98 percent, a duty cycle correction factor in dB can be calculated to add to power measurements if required in the test method guidance using the following formula

$$10 * \text{LOG} (1/D) = \text{dB}$$

Where D is duty cycle of the radio transmissions

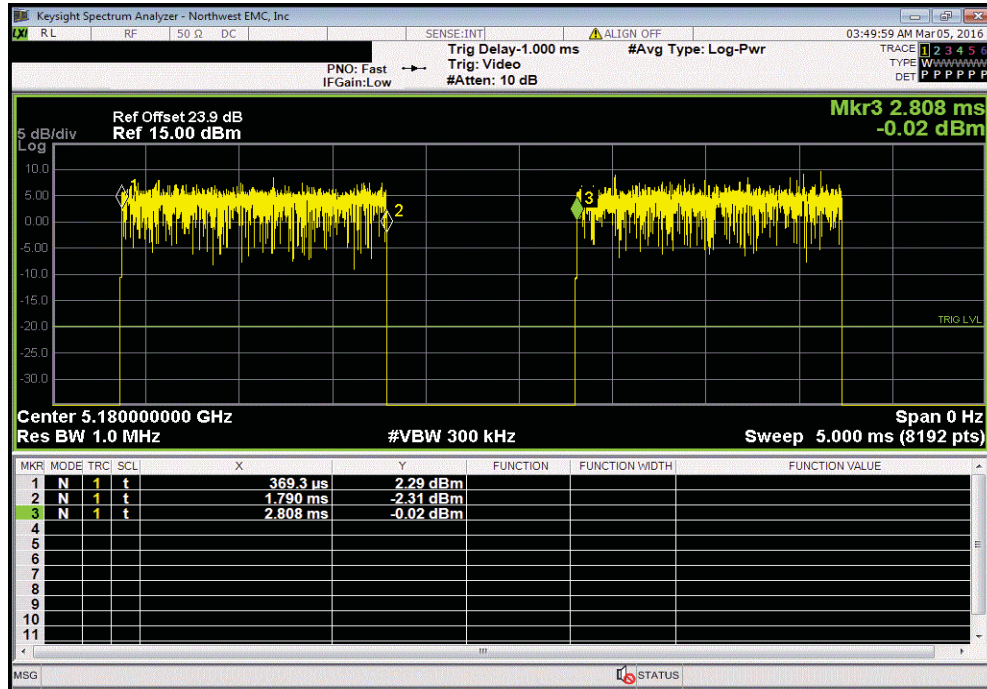
# DUTY CYCLE

|                                                                                     |                   |                                                                                                       |                         |                  |           |           |         |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------|-------------------------|------------------|-----------|-----------|---------|
| EUT: X Series                                                                       |                   |                                                                                                       | Work Order: LGPD0171    |                  |           |           |         |
| Serial Number: 1023259                                                              |                   |                                                                                                       | Date: 03/07/16          |                  |           |           |         |
| Customer: ZOLL Medical Corp.                                                        |                   |                                                                                                       | Temperature: 22°C       |                  |           |           |         |
| Attendees: None                                                                     |                   |                                                                                                       | Humidity: 27%           |                  |           |           |         |
| Project: None                                                                       |                   |                                                                                                       | Barometric Pres.: 985.4 |                  |           |           |         |
| Tested by: Jared Ison                                                               |                   | Power: 15 VDC                                                                                         | Job Site: MN08          |                  |           |           |         |
| TEST SPECIFICATIONS                                                                 |                   |                                                                                                       | Test Method             |                  |           |           |         |
| FCC 15.407:2016                                                                     |                   |                                                                                                       | ANSI C63.10:2013        |                  |           |           |         |
| COMMENTS                                                                            |                   |                                                                                                       |                         |                  |           |           |         |
| EUT set to single channel continuous transmission. Test modes were client provided. |                   |                                                                                                       |                         |                  |           |           |         |
| DEVIATIONS FROM TEST STANDARD                                                       |                   |                                                                                                       |                         |                  |           |           |         |
| None                                                                                |                   |                                                                                                       |                         |                  |           |           |         |
| Configuration #                                                                     | 2                 | <div>Signature</div> |                         |                  |           |           |         |
|                                                                                     |                   | Pulse Width                                                                                           | Period                  | Number of Pulses | Value (%) | Limit (%) | Results |
| 5150 - 5250 MHz Band                                                                |                   |                                                                                                       |                         |                  |           |           |         |
| Low Channel, Ch 36 - 5180 MHz                                                       |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.2      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 248.7 us                                                                                              | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.6 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.347 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
| High Channel, Ch 48 - 5240 MHz                                                      |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.2      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 248.7 us                                                                                              | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.9 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.347 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
| 5250 - 5350 MHz Band                                                                |                   |                                                                                                       |                         |                  |           |           |         |
| Low Channel, Ch 52 - 5260 MHz                                                       |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.3      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 249 us                                                                                                | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.9 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.347 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 6                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
| High Channel, Ch 64 - 5320 MHz                                                      |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.3      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 6                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 248.7 us                                                                                              | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.9 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.348 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
| 5470 - 5725 MHz Band                                                                |                   |                                                                                                       |                         |                  |           |           |         |
| Low Channel, Ch 100 - 5500 MHz                                                      |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.3      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 248.7 us                                                                                              | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.5 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.347 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 6                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
| Mid Channel, Ch 120 - 5600 MHz                                                      |                   |                                                                                                       |                         |                  |           |           |         |
|                                                                                     | 802.11(a) 6 Mbps  | 1.421 ms                                                                                              | 2.439 ms                | 1                | 58.3      | N/A       | N/A     |
|                                                                                     | 802.11(a) 6 Mbps  | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | 248.7 us                                                                                              | 1.267 ms                | 1                | 19.6      | N/A       | N/A     |
|                                                                                     | 802.11(a) 36 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | 172.9 us                                                                                              | 1.191 ms                | 1                | 14.5      | N/A       | N/A     |
|                                                                                     | 802.11(a) 54 Mbps | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | 1.329 ms                                                                                              | 2.347 ms                | 1                | 56.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS0    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | 160.8 us                                                                                              | 1.179 ms                | 1                | 13.6      | N/A       | N/A     |
|                                                                                     | 802.11(n) MCS7    | N/A                                                                                                   | N/A                     | 5                | N/A       | N/A       | N/A     |

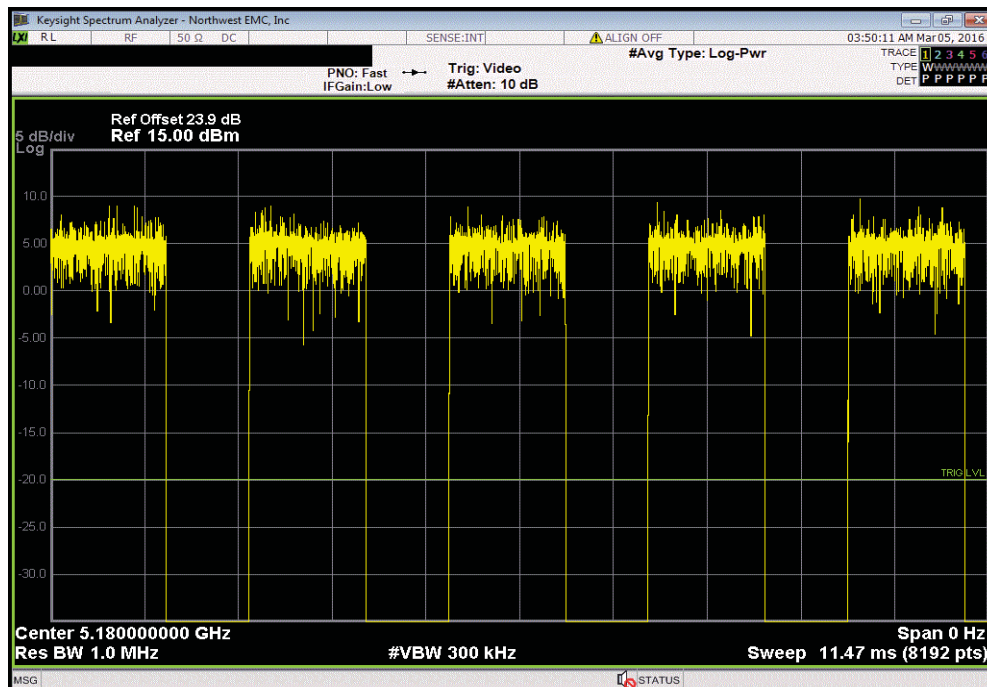
|                                 |          |          |   |      |     |     |
|---------------------------------|----------|----------|---|------|-----|-----|
| High Channel, Ch 140 - 5700 MHz |          |          |   |      |     |     |
| 802.11(a) 6 Mbps                | 1.421 ms | 2.439 ms | 1 | 58.3 | N/A | N/A |
| 802.11(a) 6 Mbps                | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 36 Mbps               | 248.7 us | 1.267 ms | 1 | 19.6 | N/A | N/A |
| 802.11(a) 36 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 54 Mbps               | 172.9 us | 1.191 ms | 1 | 14.5 | N/A | N/A |
| 802.11(a) 54 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS0                  | 1.329 ms | 2.347 ms | 1 | 56.6 | N/A | N/A |
| 802.11(n) MCS0                  | N/A      | N/A      | 6 | N/A  | N/A | N/A |
| 802.11(n) MCS7                  | 160.8 us | 1.179 ms | 1 | 13.6 | N/A | N/A |
| 802.11(n) MCS7                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 5725 - 5785 MHz Band            |          |          |   |      |     |     |
| Low Channel, Ch 149 - 5745 MHz  |          |          |   |      |     |     |
| 802.11(a) 6 Mbps                | 1.421 ms | 2.439 ms | 1 | 58.3 | N/A | N/A |
| 802.11(a) 6 Mbps                | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 36 Mbps               | 249 us   | 1.267 ms | 1 | 19.6 | N/A | N/A |
| 802.11(a) 36 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 54 Mbps               | 172.9 us | 1.191 ms | 1 | 14.5 | N/A | N/A |
| 802.11(a) 54 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS0                  | 1.329 ms | 2.347 ms | 1 | 56.6 | N/A | N/A |
| 802.11(n) MCS0                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS7                  | 160.8 us | 1.179 ms | 1 | 13.6 | N/A | N/A |
| 802.11(n) MCS7                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| Mid Channel, Ch 157 - 5785 MHz  |          |          |   |      |     |     |
| 802.11(a) 6 Mbps                | 1.421 ms | 2.439 ms | 1 | 58.2 | N/A | N/A |
| 802.11(a) 6 Mbps                | N/A      | N/A      | 6 | N/A  | N/A | N/A |
| 802.11(a) 36 Mbps               | 248.7 us | 1.267 ms | 1 | 19.6 | N/A | N/A |
| 802.11(a) 36 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 54 Mbps               | 172.9 us | 1.191 ms | 1 | 14.5 | N/A | N/A |
| 802.11(a) 54 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS0                  | 1.329 ms | 2.347 ms | 1 | 56.6 | N/A | N/A |
| 802.11(n) MCS0                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS7                  | 160.8 us | 1.179 ms | 1 | 13.6 | N/A | N/A |
| 802.11(n) MCS7                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| High Channel, Ch 165 - 5825 MHz |          |          |   |      |     |     |
| 802.11(a) 6 Mbps                | 1.421 ms | 2.439 ms | 1 | 58.3 | N/A | N/A |
| 802.11(a) 6 Mbps                | N/A      | N/A      | 6 | N/A  | N/A | N/A |
| 802.11(a) 36 Mbps               | 248.7 us | 1.267 ms | 1 | 19.6 | N/A | N/A |
| 802.11(a) 36 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(a) 54 Mbps               | 172.9 us | 1.191 ms | 1 | 14.5 | N/A | N/A |
| 802.11(a) 54 Mbps               | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS0                  | 1.329 ms | 2.347 ms | 1 | 56.6 | N/A | N/A |
| 802.11(n) MCS0                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |
| 802.11(n) MCS7                  | 160.8 us | 1.179 ms | 1 | 13.6 | N/A | N/A |
| 802.11(n) MCS7                  | N/A      | N/A      | 5 | N/A  | N/A | N/A |

# DUTY CYCLE

| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                              | 2.439 ms | 1                | 58.2      | N/A       | N/A     |  |

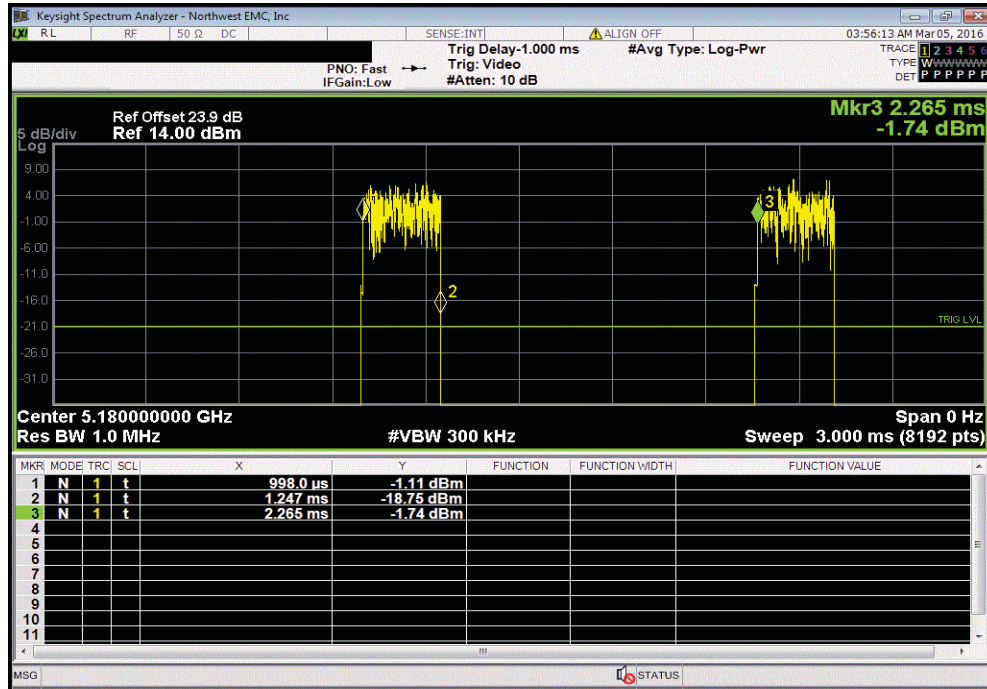


| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 5                | N/A       | N/A       | N/A     |  |

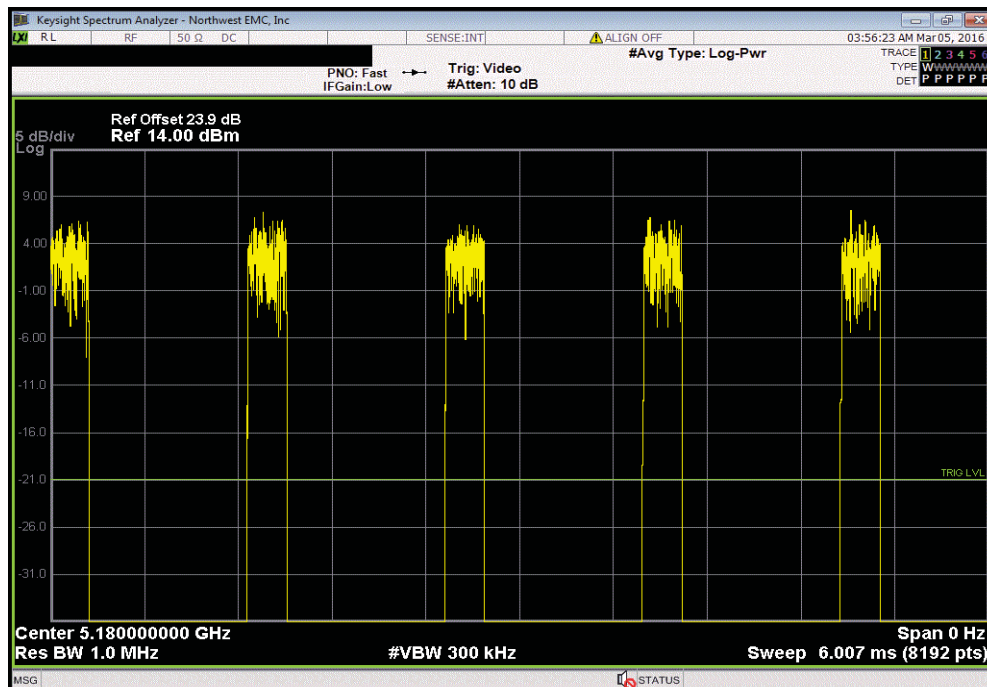


# DUTY CYCLE

| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                               | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

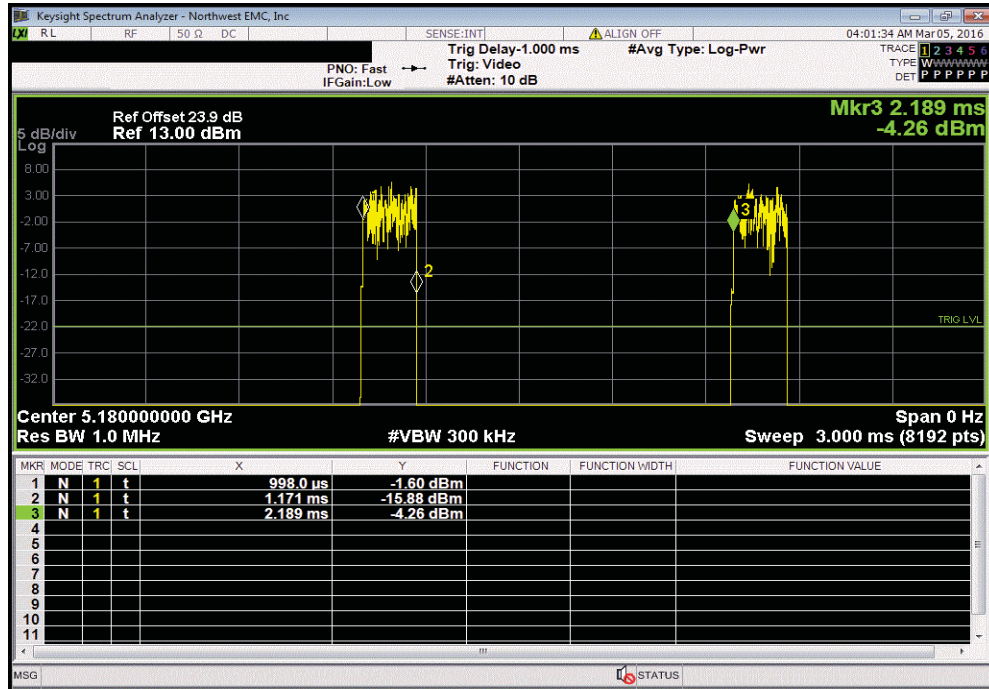


| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |

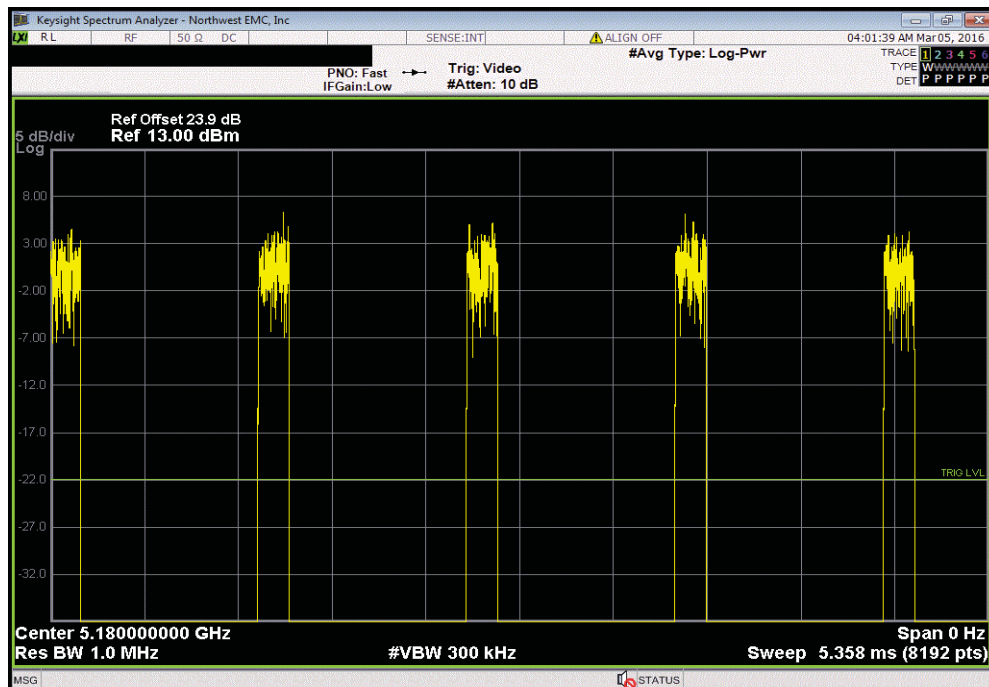


# DUTY CYCLE

| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.6 us                                                               | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |



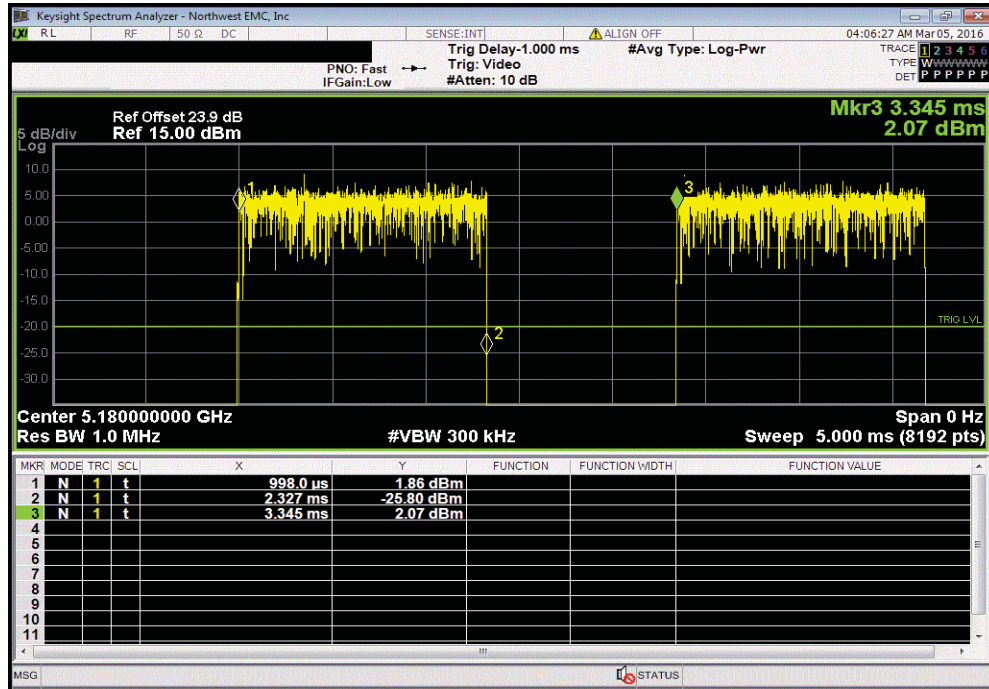
| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |



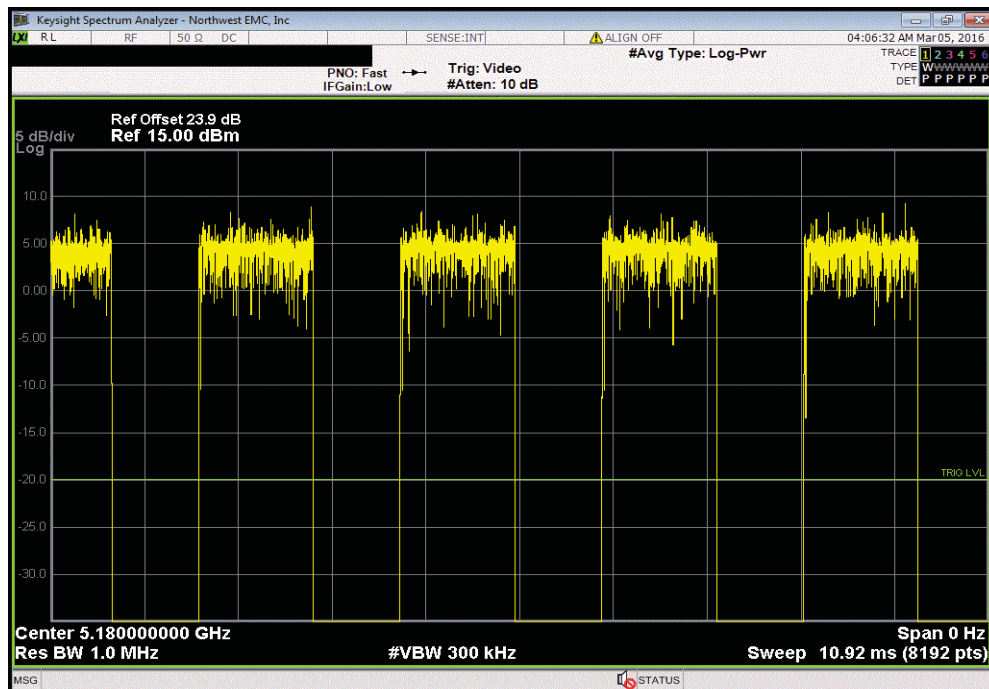


# DUTY CYCLE

| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|---------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                            | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

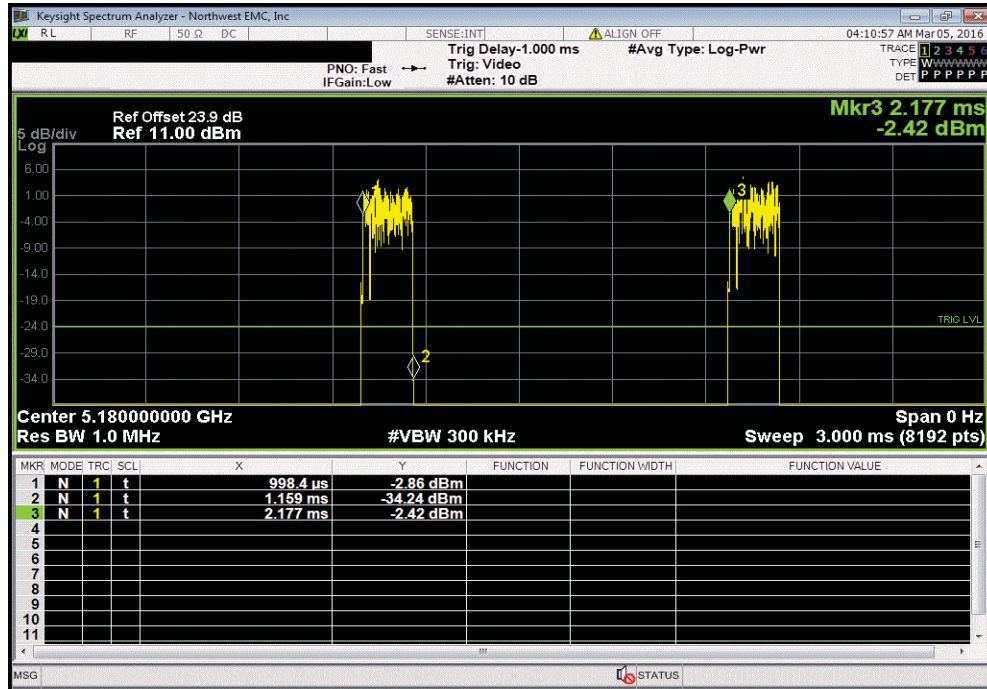


| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|---------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                 | N/A    | 5                | N/A       | N/A       | N/A     |  |

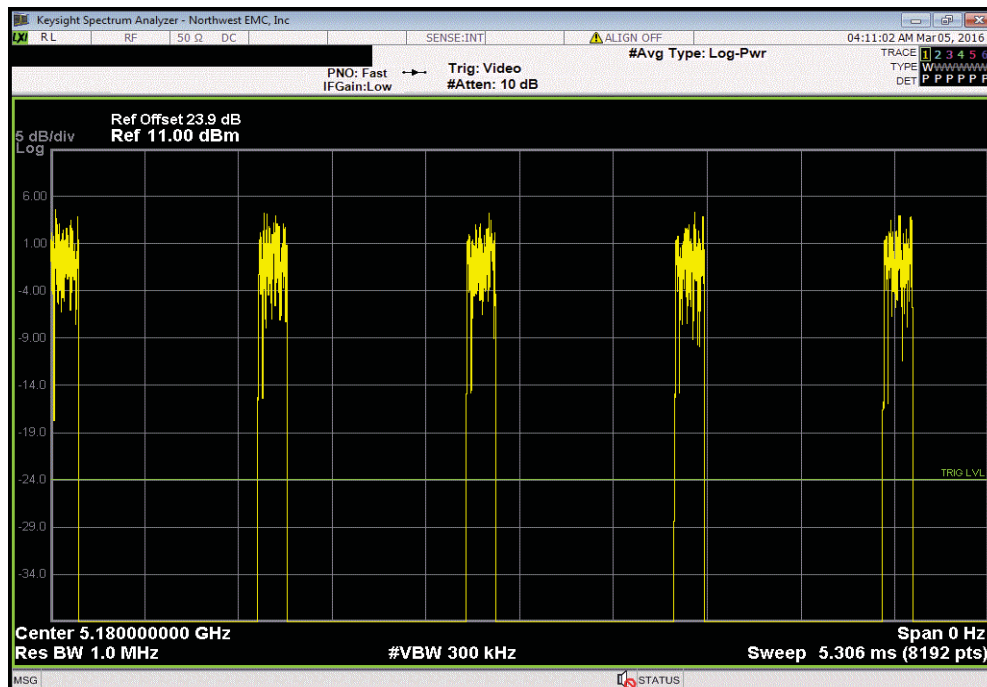


# DUTY CYCLE

| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|---------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                            | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



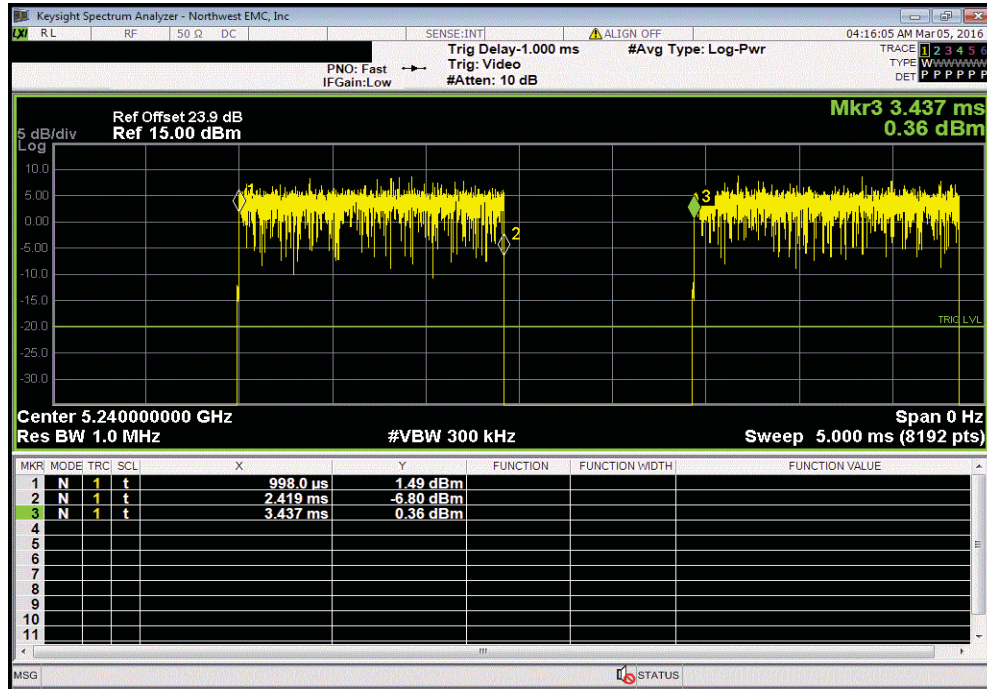
| 5150 - 5250 MHz Band, Low Channel, Ch 36 - 5180 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|---------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                 | N/A    | 5                | N/A       | N/A       | N/A     |  |



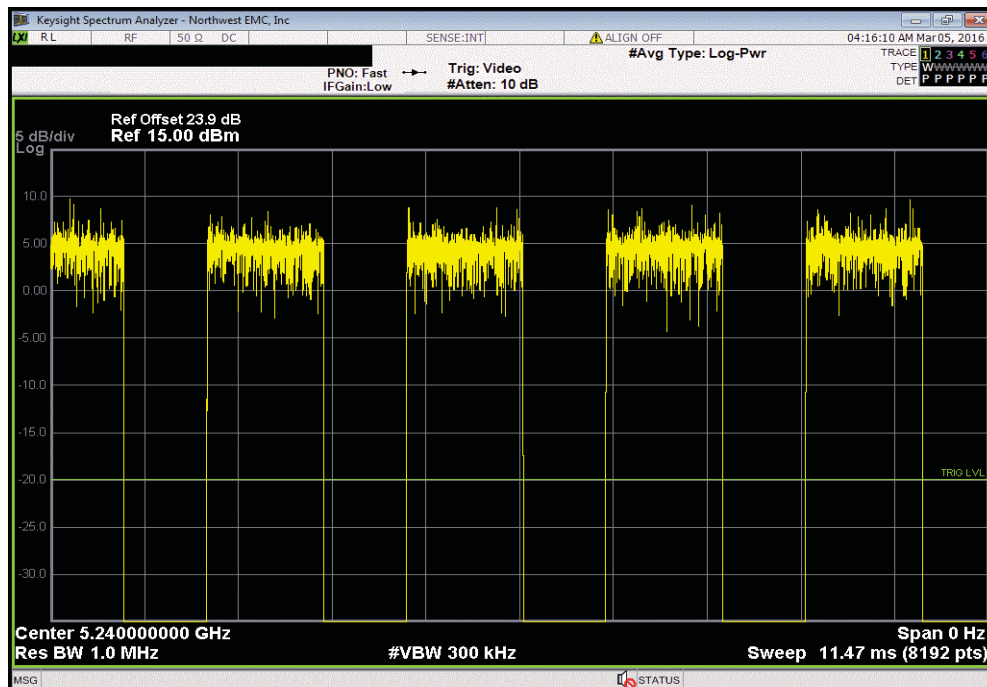


# DUTY CYCLE

| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.2      | N/A       | N/A     |  |

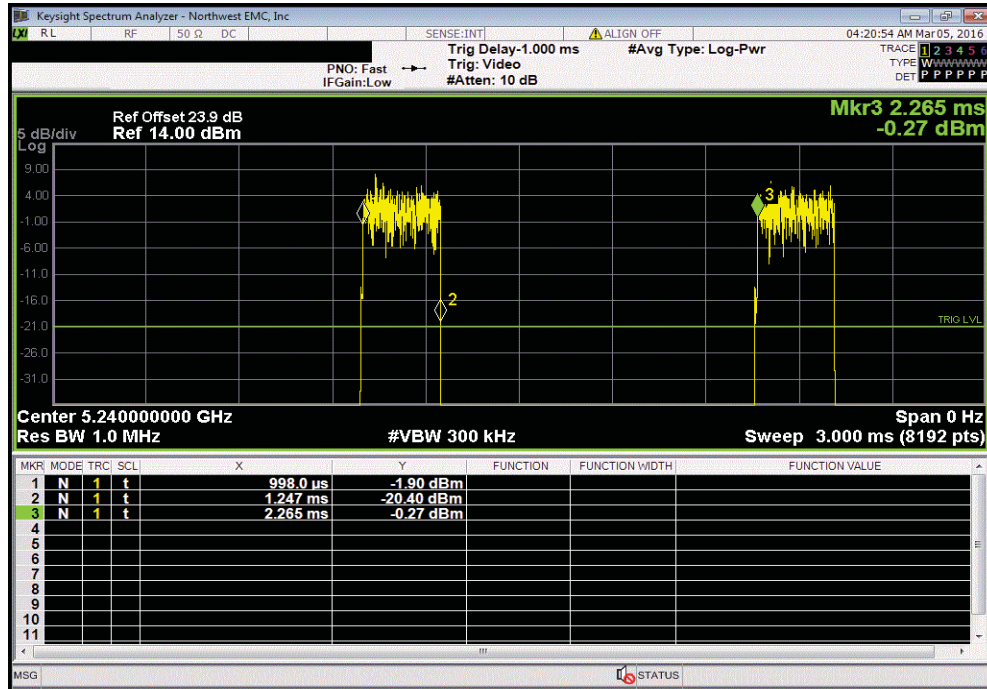


| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |

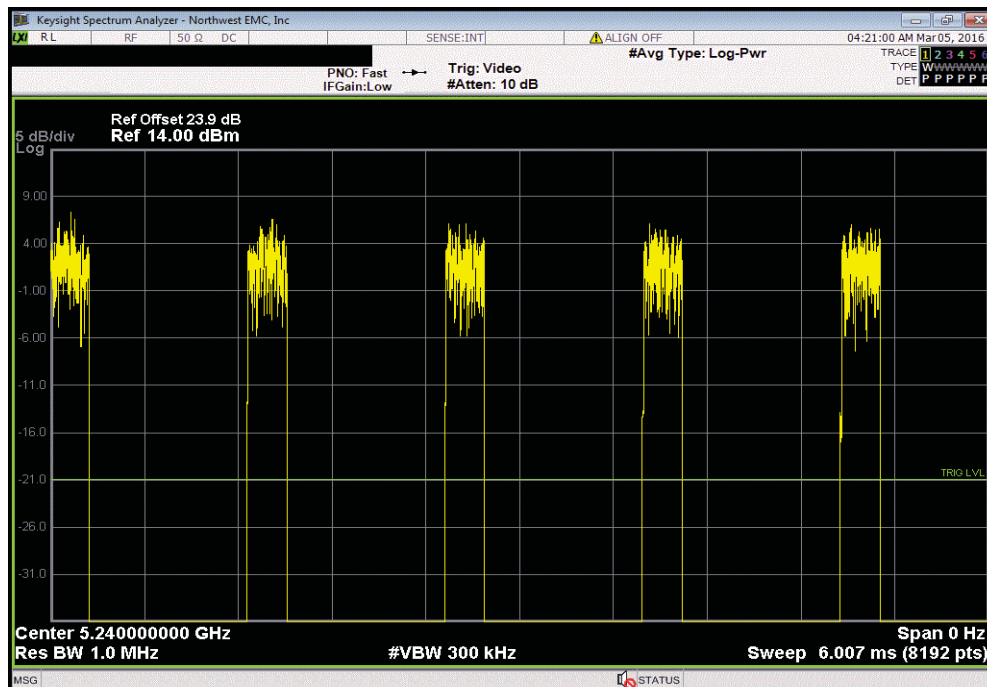


# DUTY CYCLE

| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

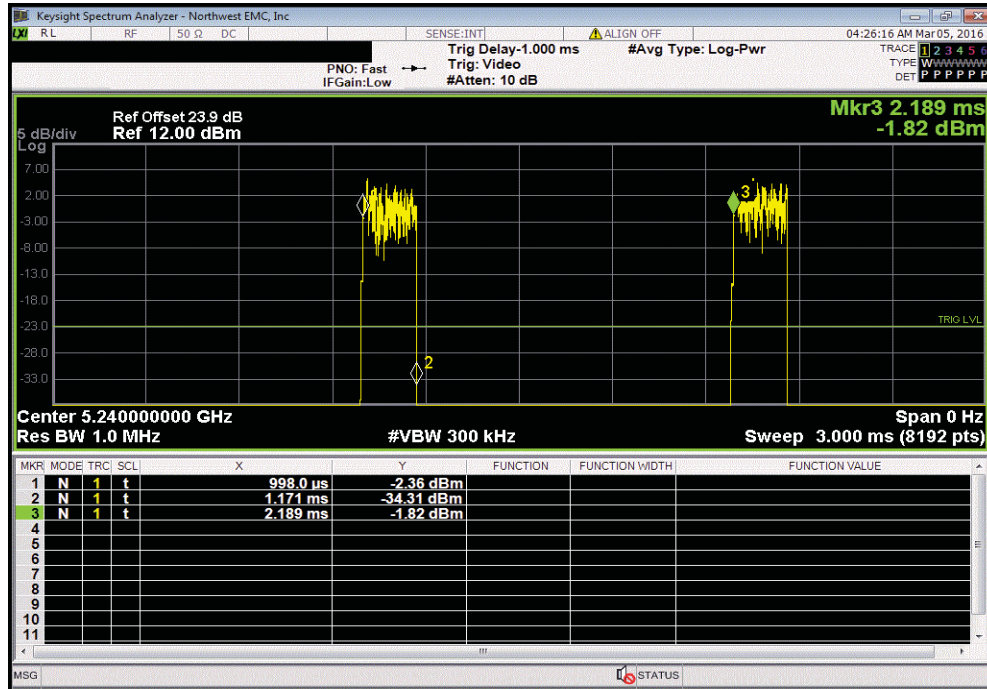


| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

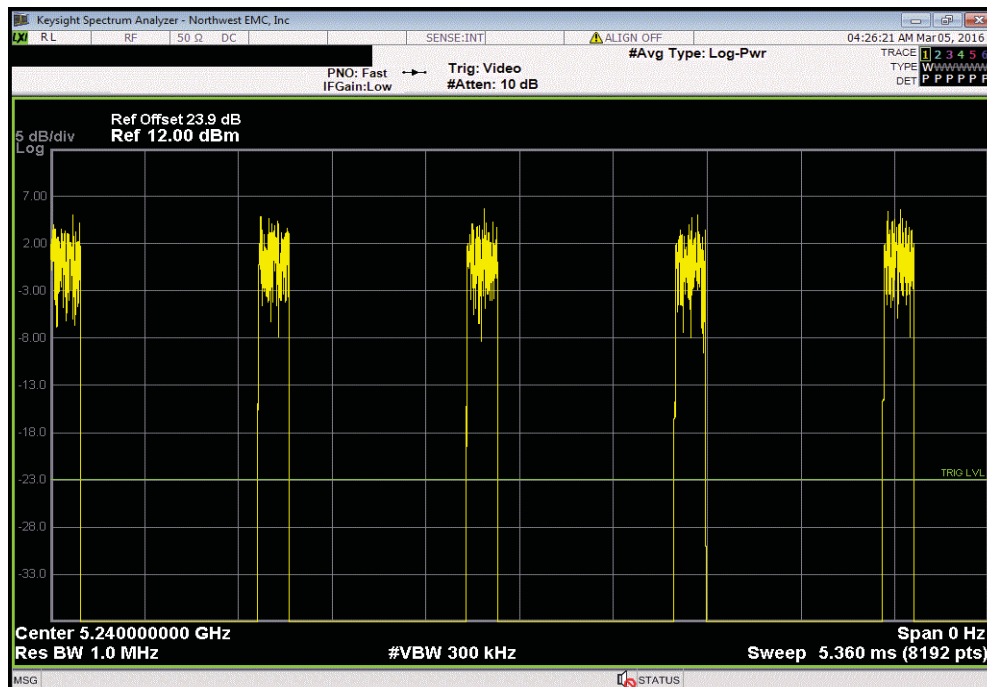


# DUTY CYCLE

| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

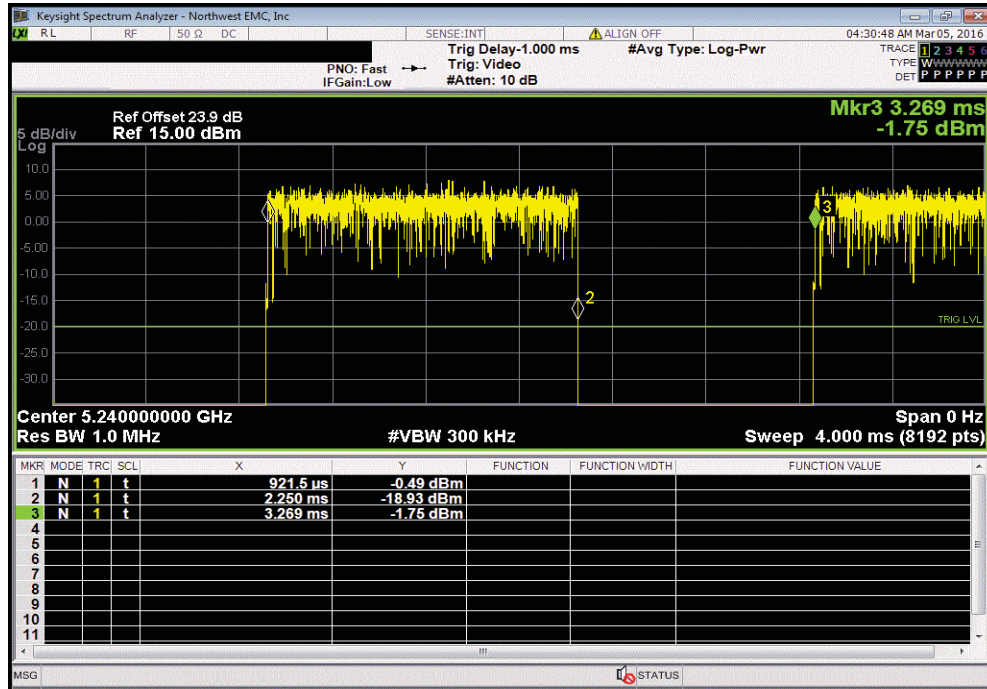


| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

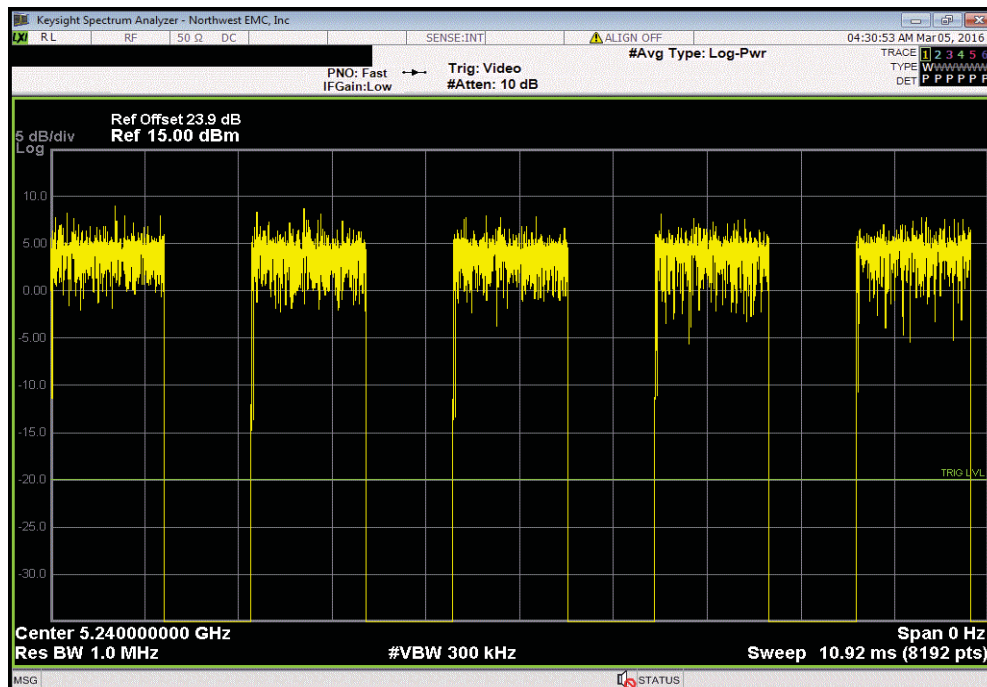


# DUTY CYCLE

| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |



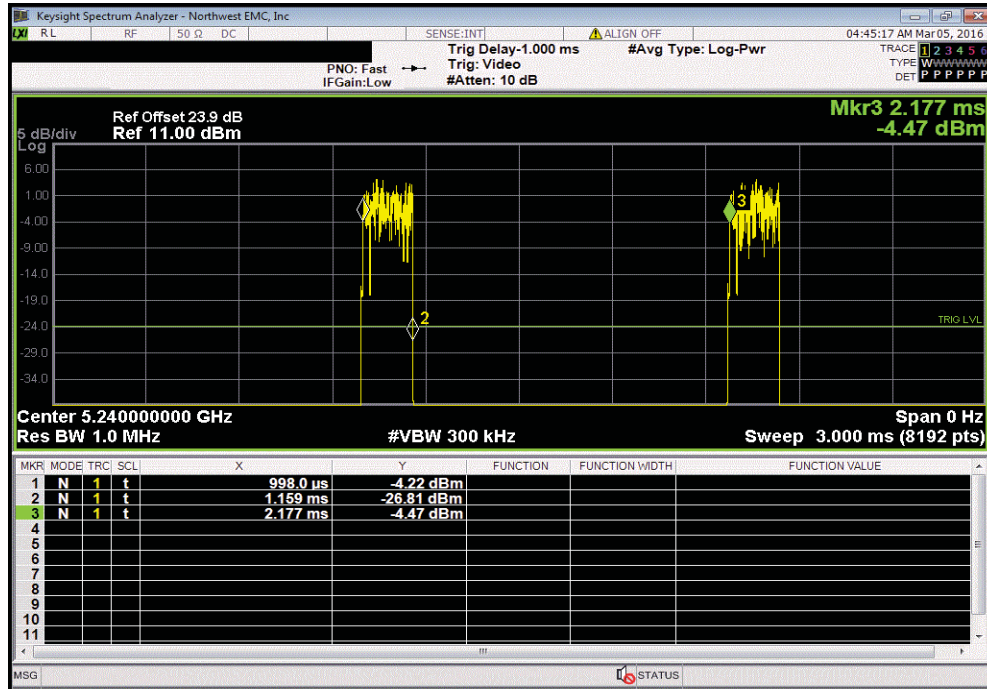
| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



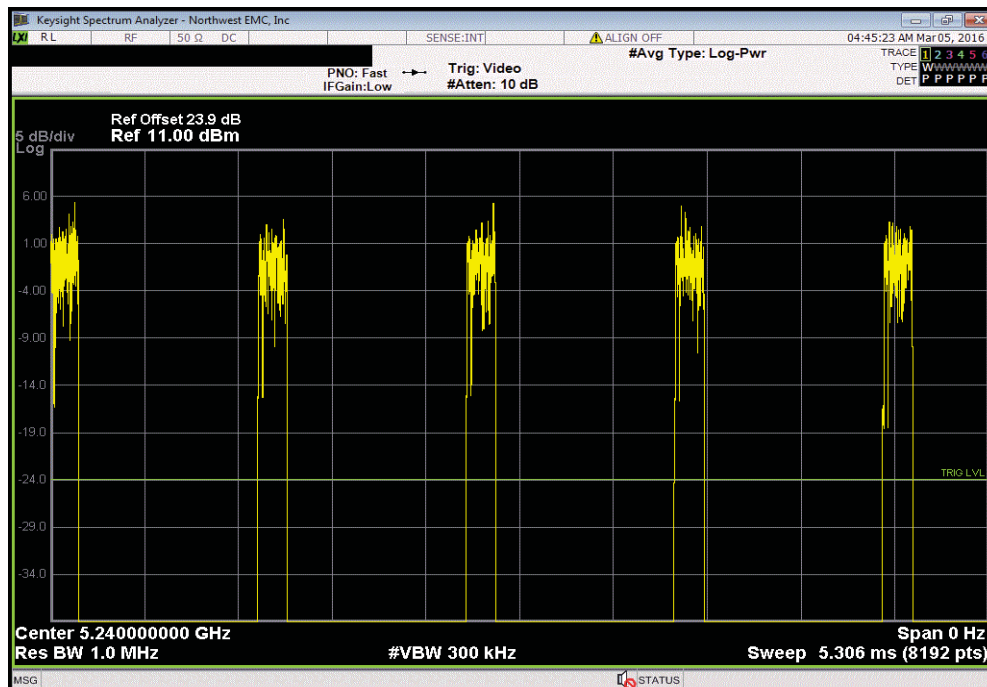


# DUTY CYCLE

| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |

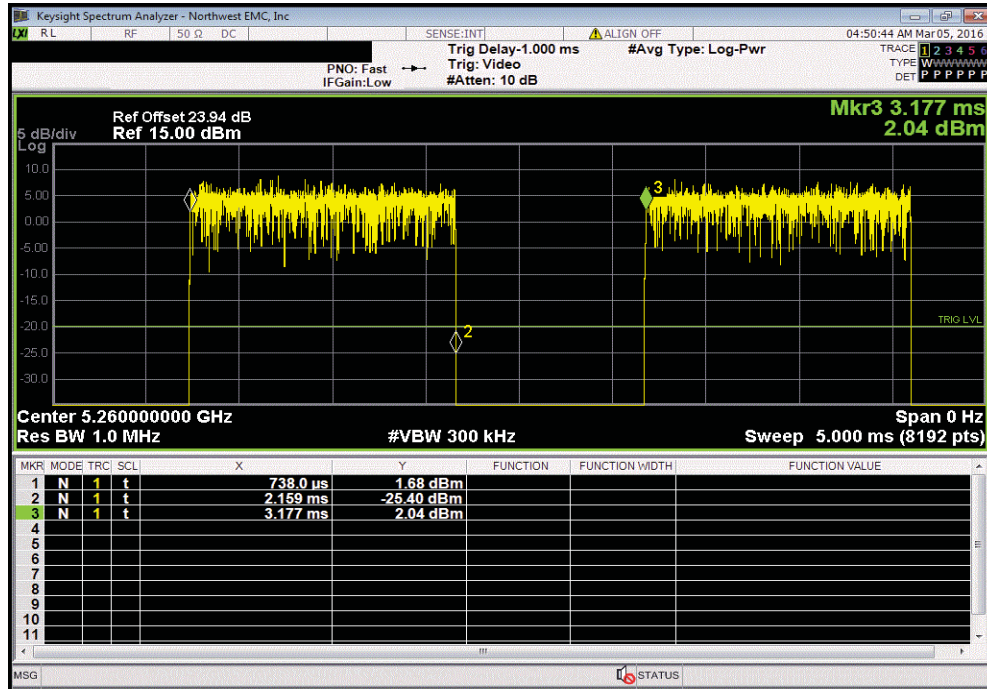


| 5150 - 5250 MHz Band, High Channel, Ch 48 - 5240 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |

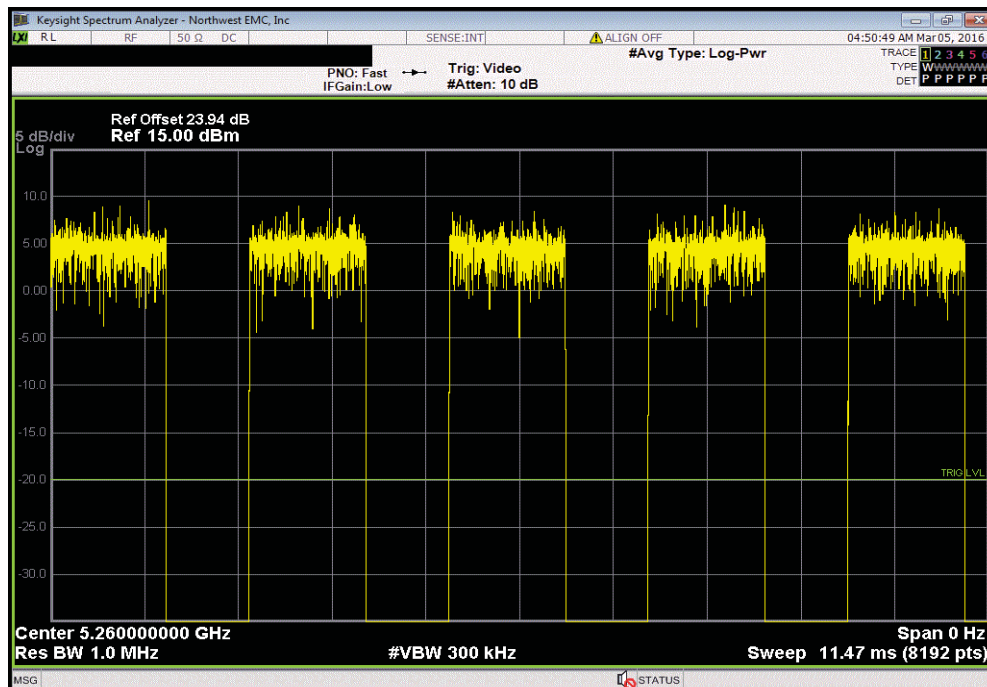


# DUTY CYCLE

| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                              | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



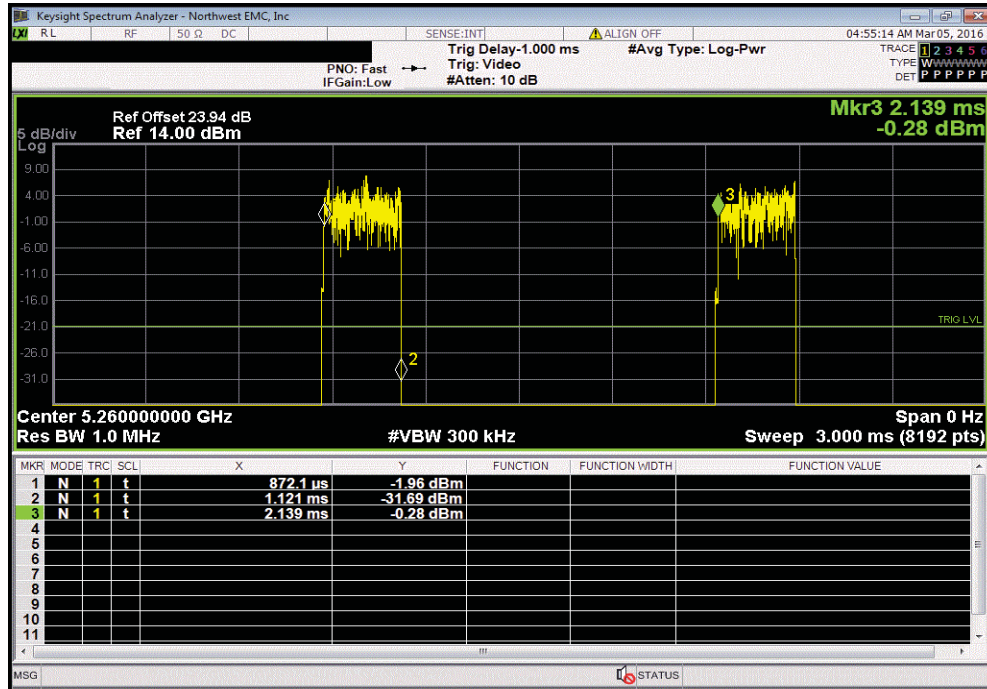
| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 5                | N/A       | N/A       | N/A     |  |



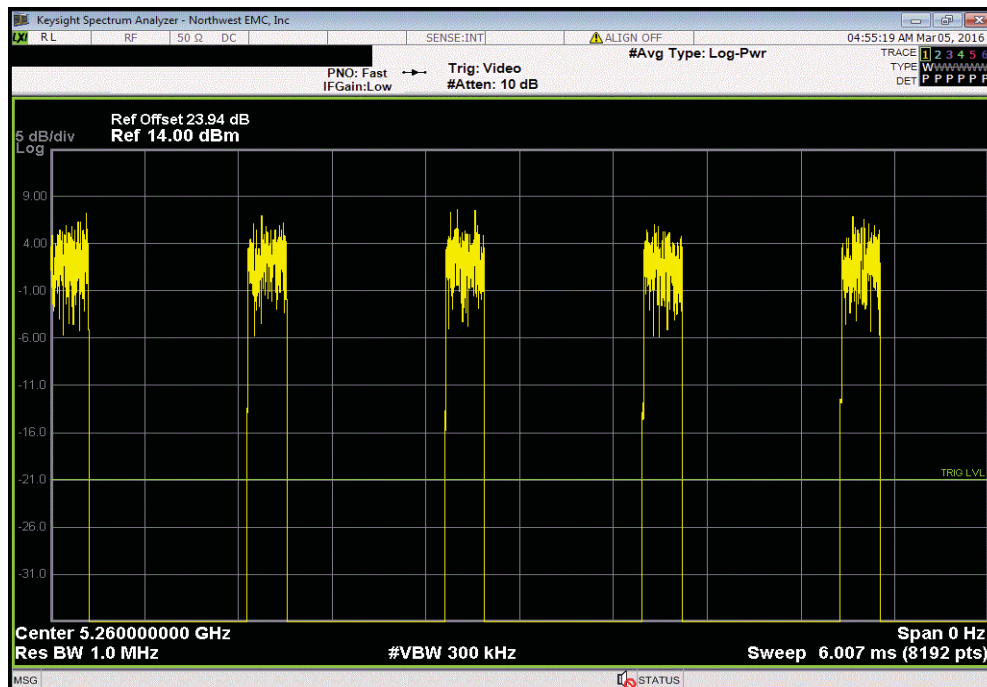


# DUTY CYCLE

| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 249 us                                                                 | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

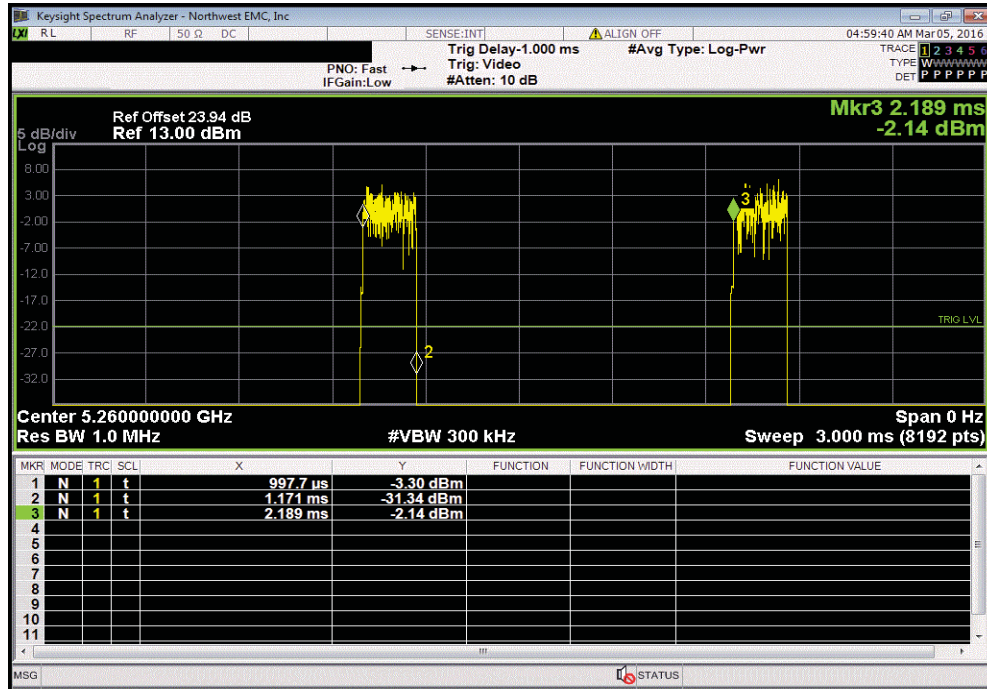


| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |

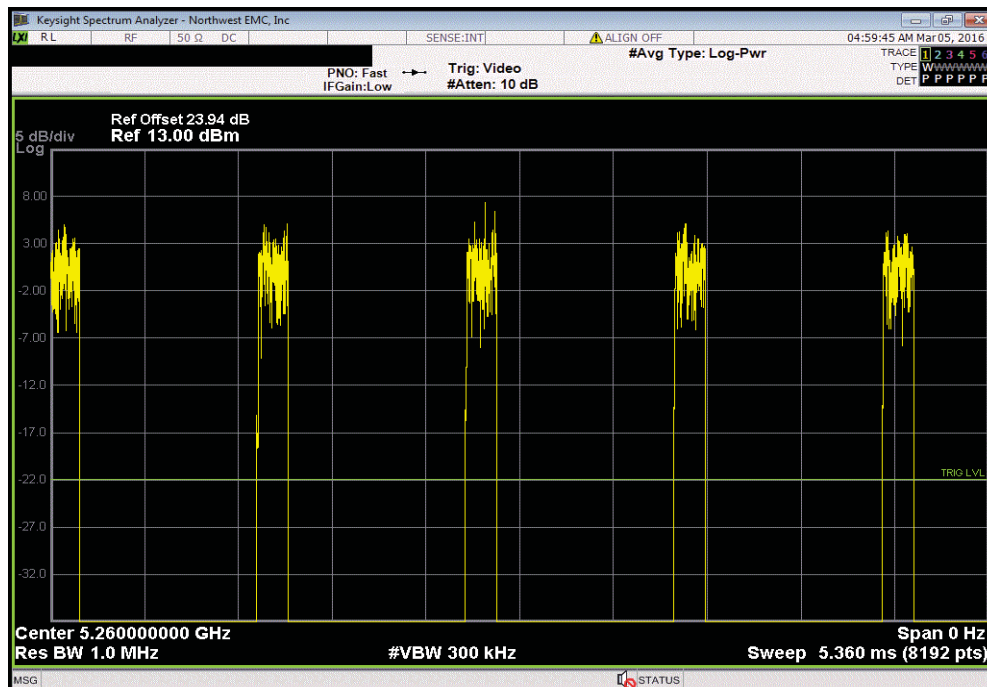


# DUTY CYCLE

| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                               | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

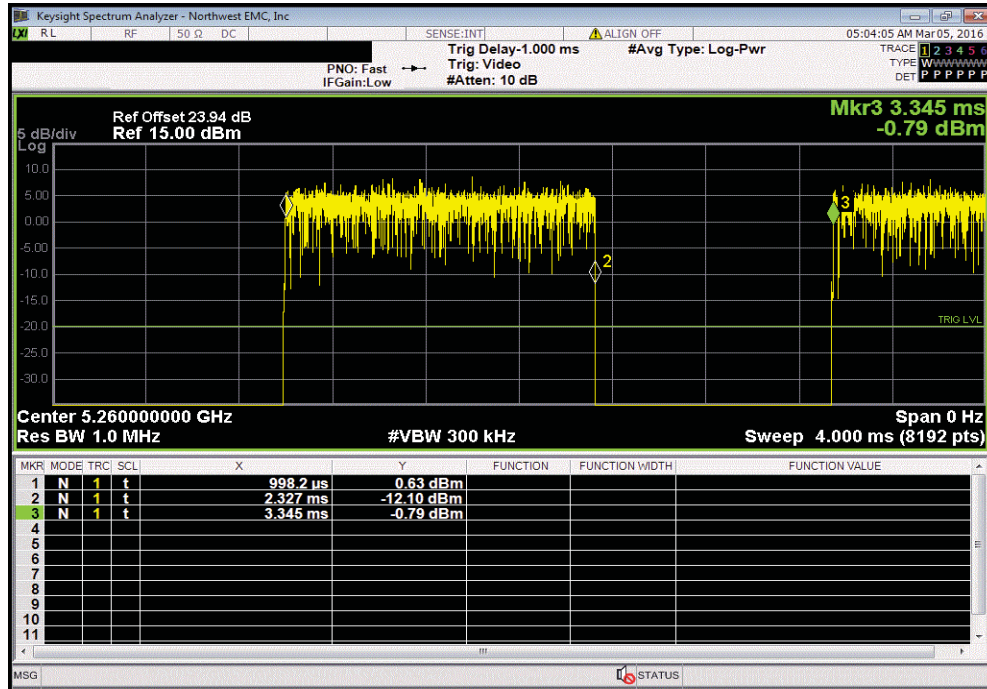


| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |

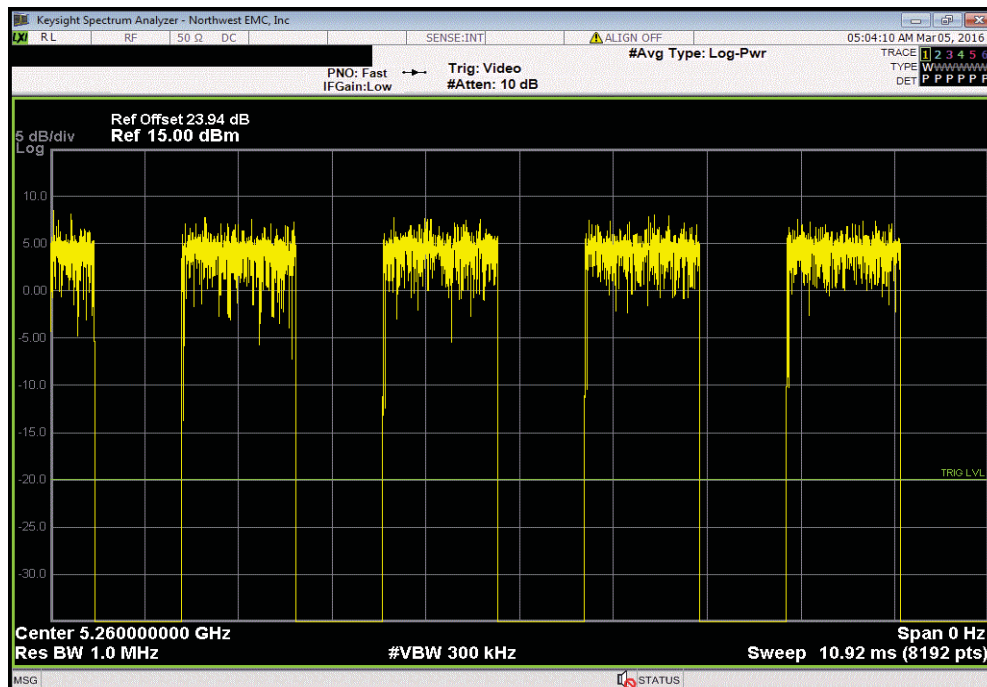


# DUTY CYCLE

| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|---------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                            | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

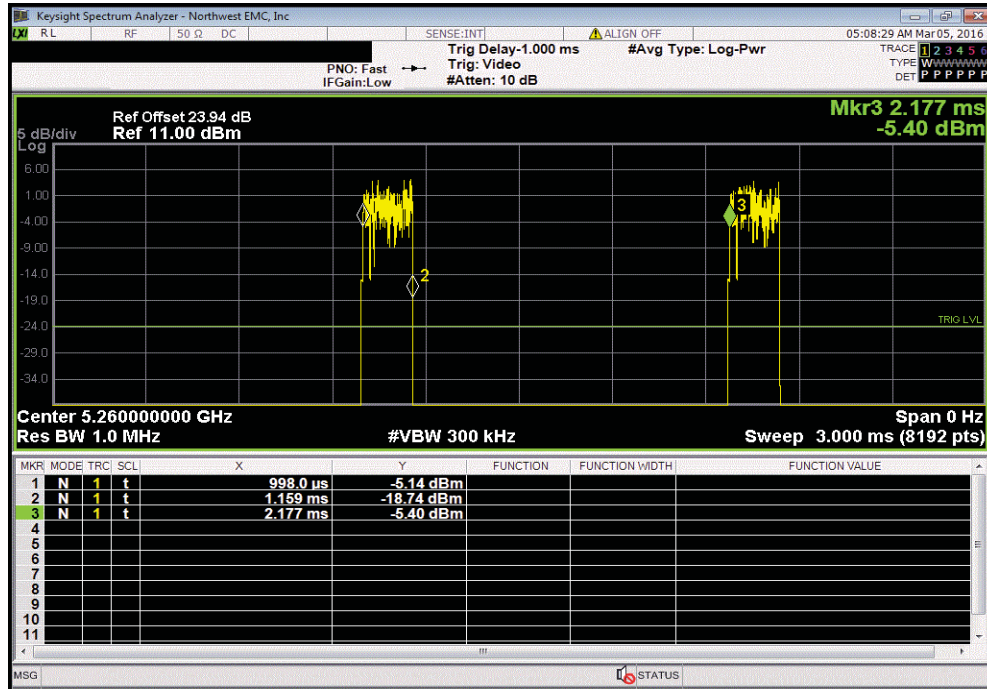


| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|---------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                 | N/A    | 6                | N/A       | N/A       | N/A     |  |

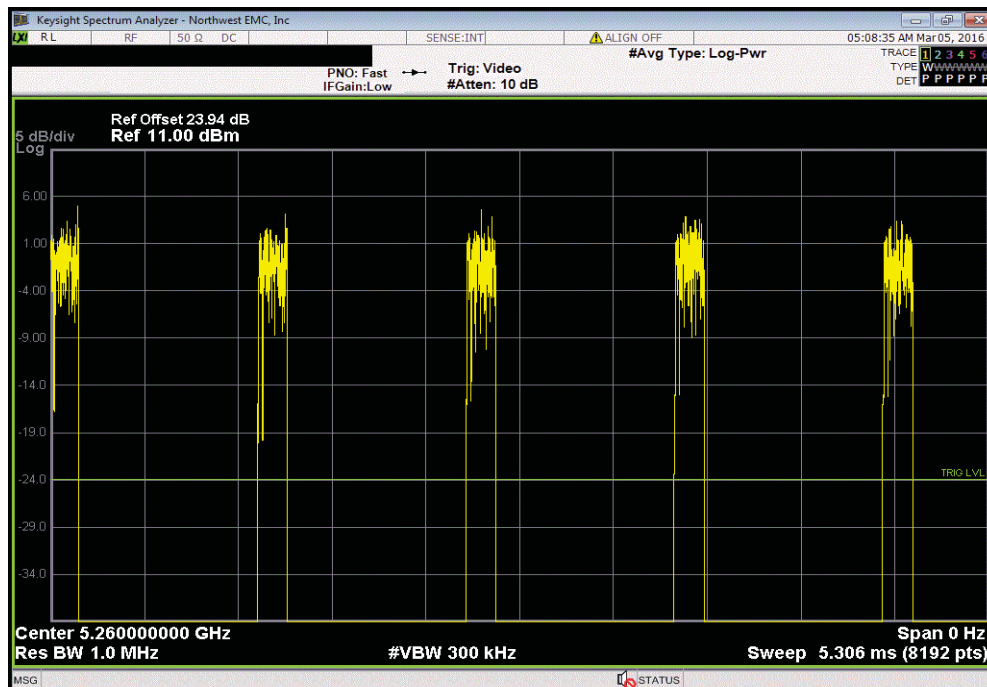


# DUTY CYCLE

| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|---------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                            | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



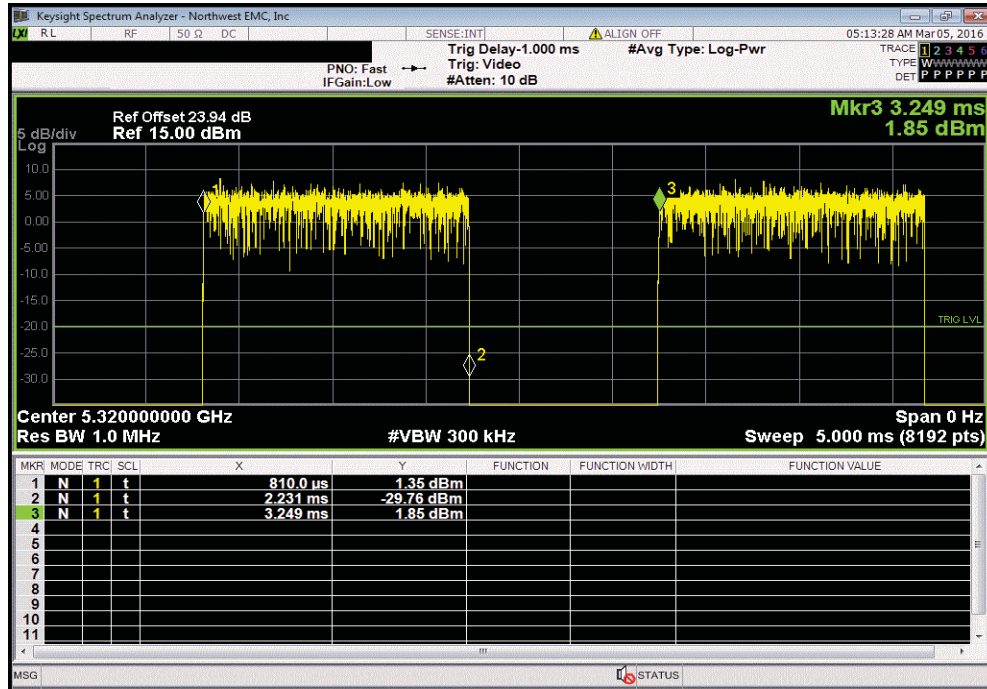
| 5250 - 5350 MHz Band, Low Channel, Ch 52 - 5260 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|---------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                         | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                 | N/A    | 5                | N/A       | N/A       | N/A     |  |



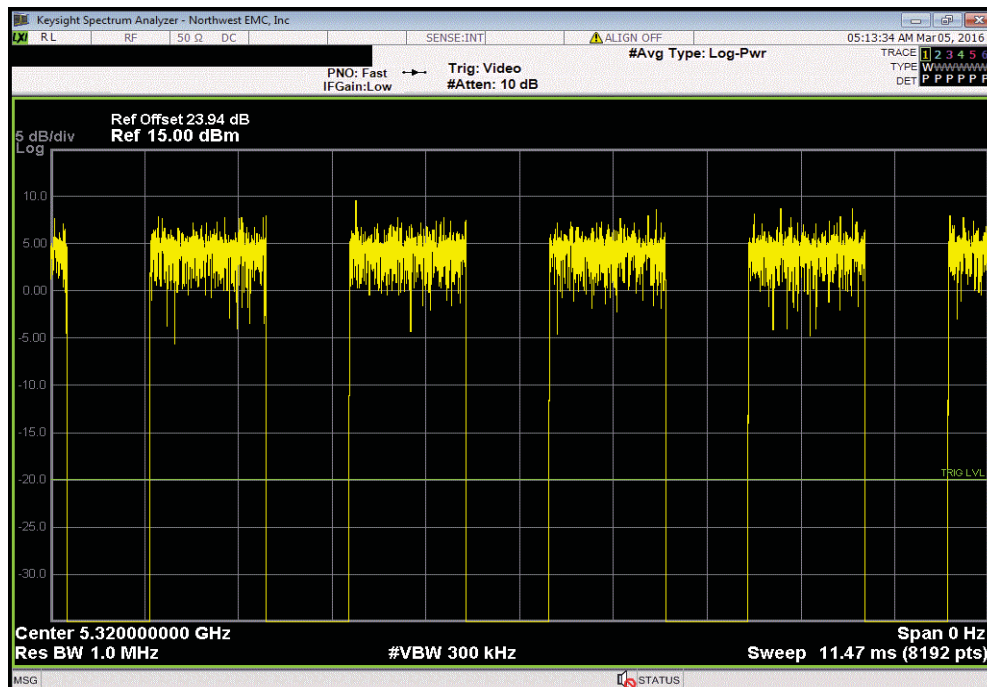


# DUTY CYCLE

| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



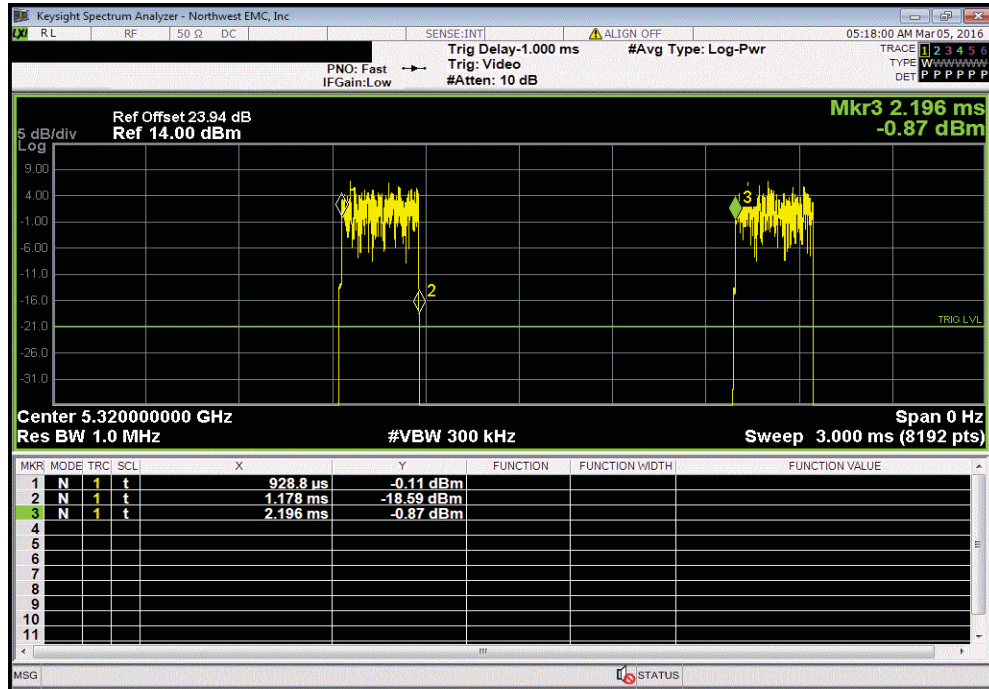
| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 6                | N/A       | N/A       | N/A     |  |



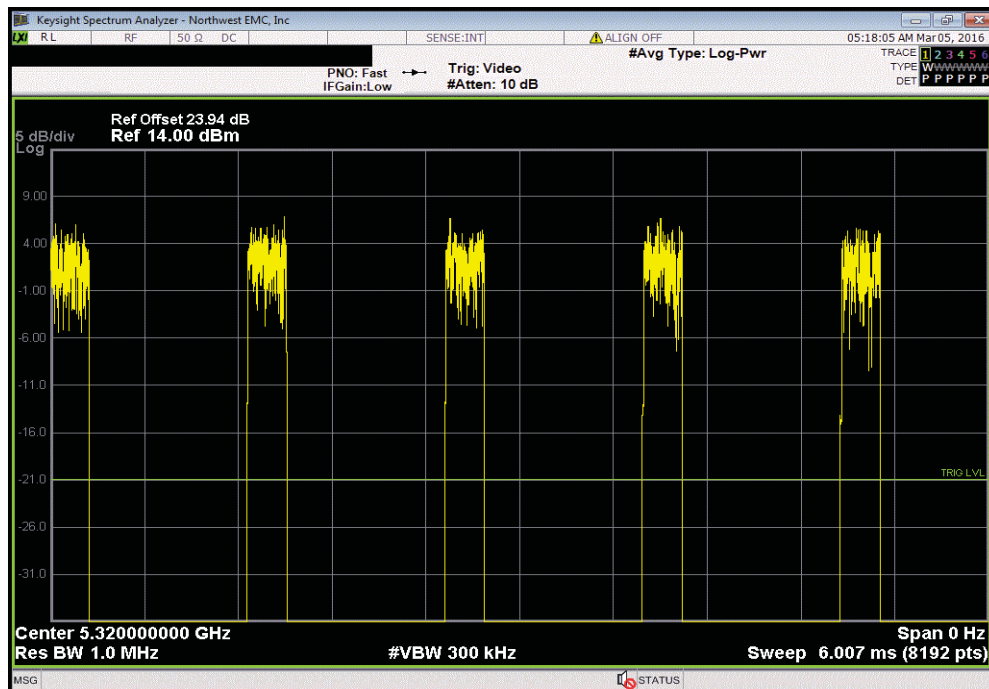


# DUTY CYCLE

| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

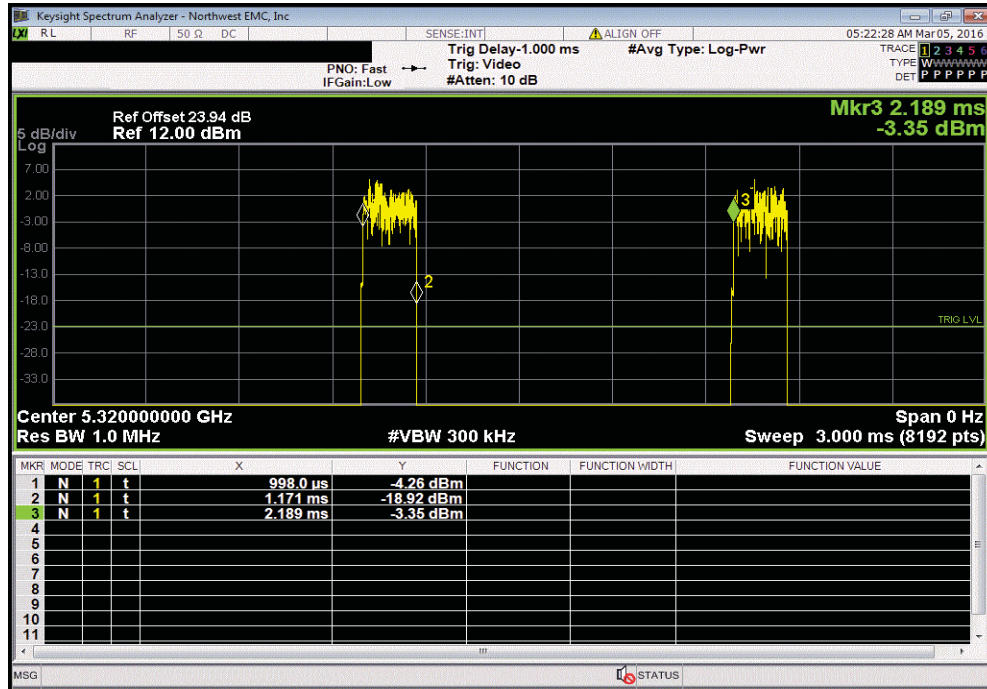


| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

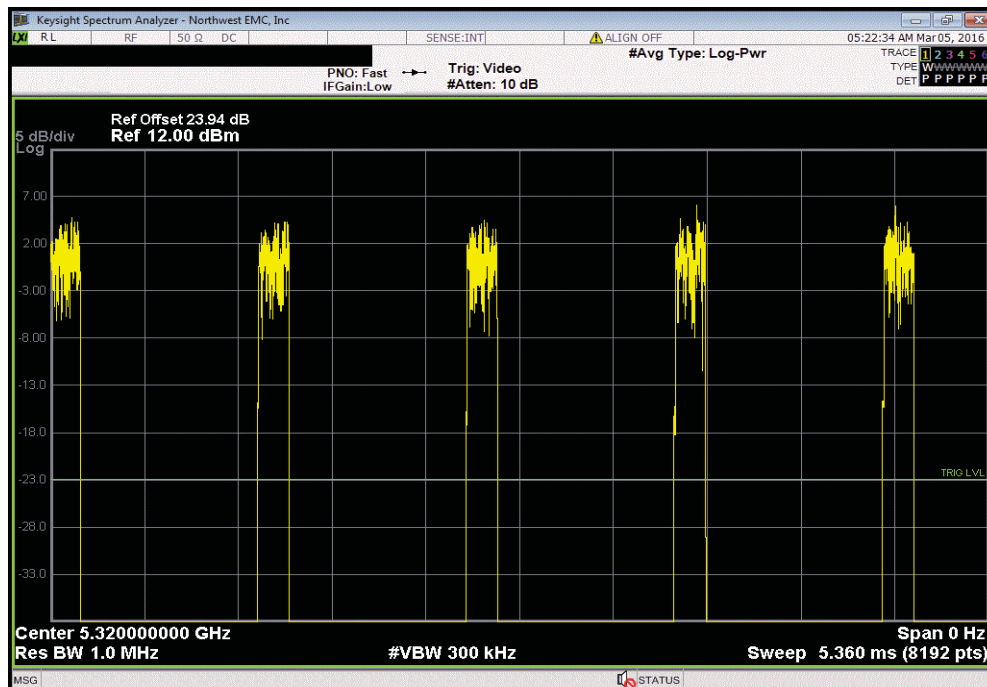


# DUTY CYCLE

| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

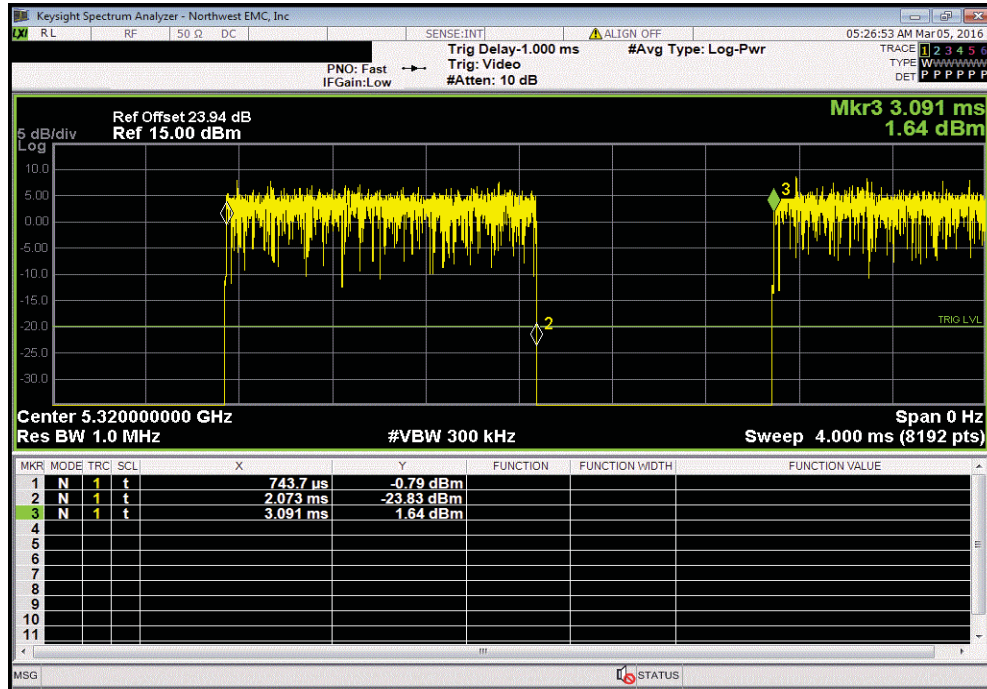


| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

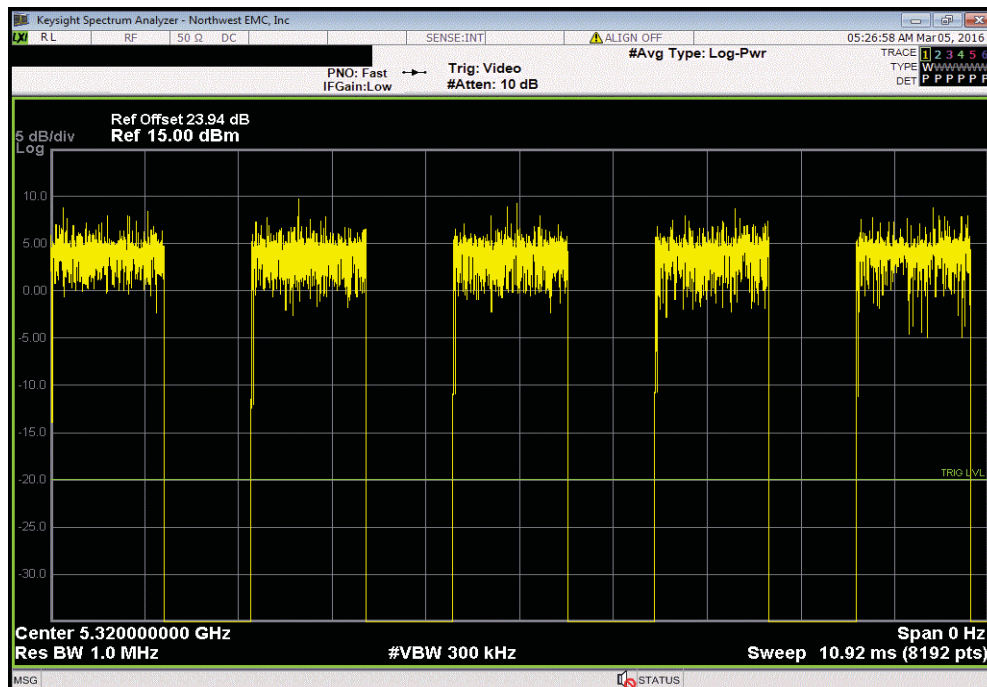


# DUTY CYCLE

| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.348 ms | 1                | 56.6      | N/A       | N/A     |  |

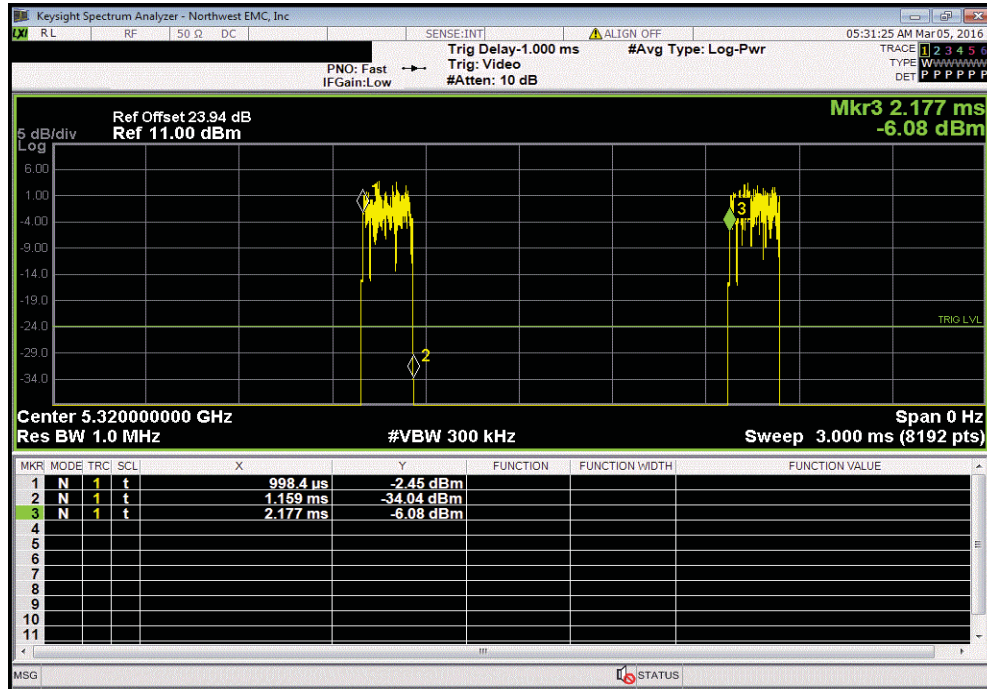


| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |

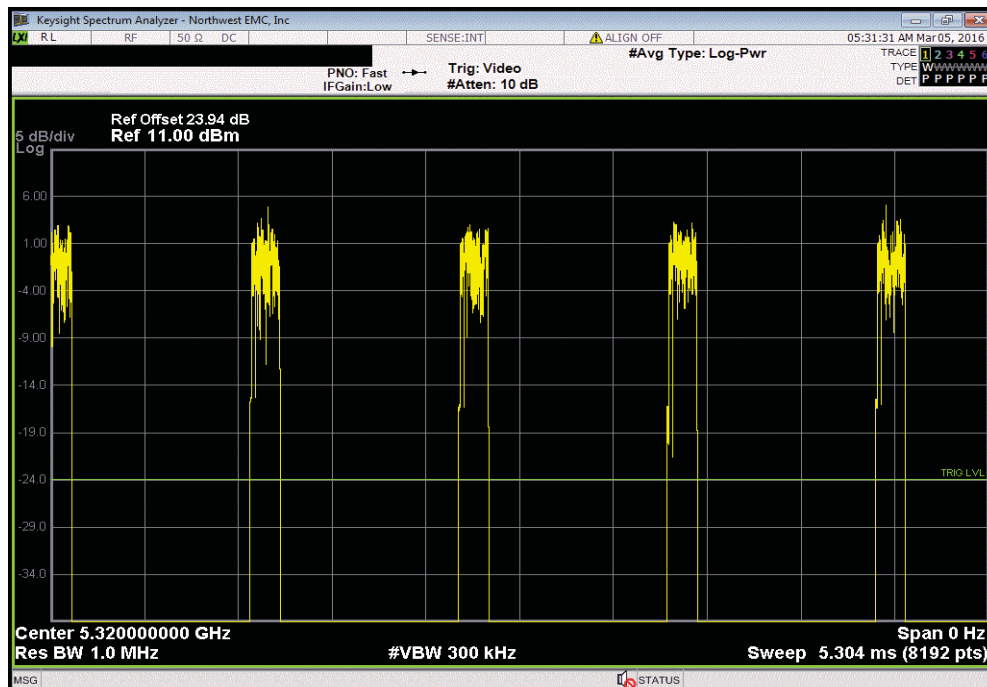


# DUTY CYCLE

| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



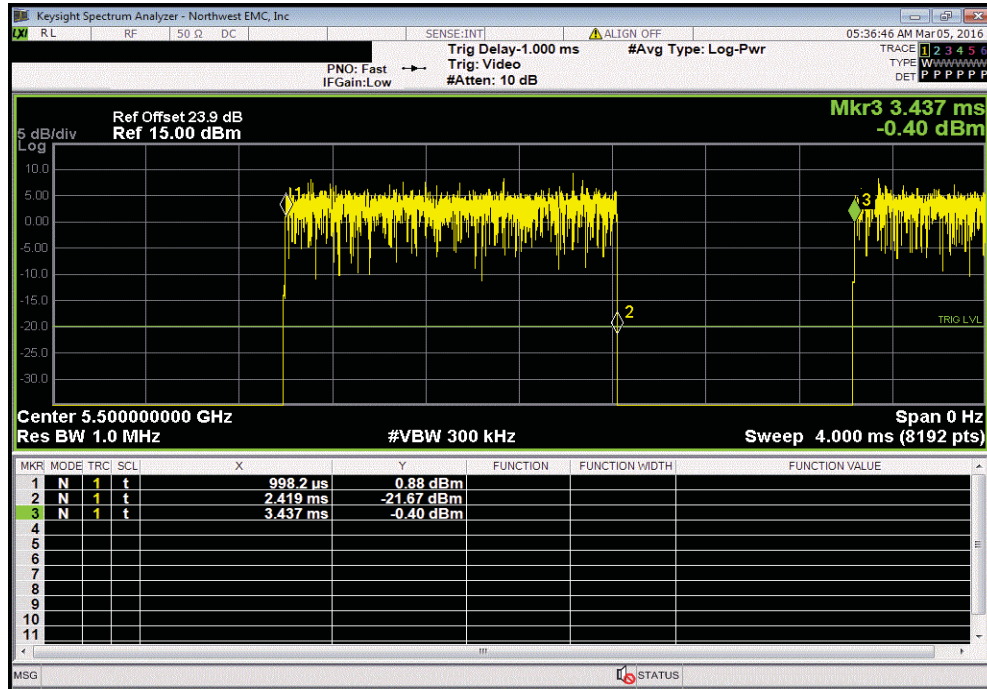
| 5250 - 5350 MHz Band, High Channel, Ch 64 - 5320 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



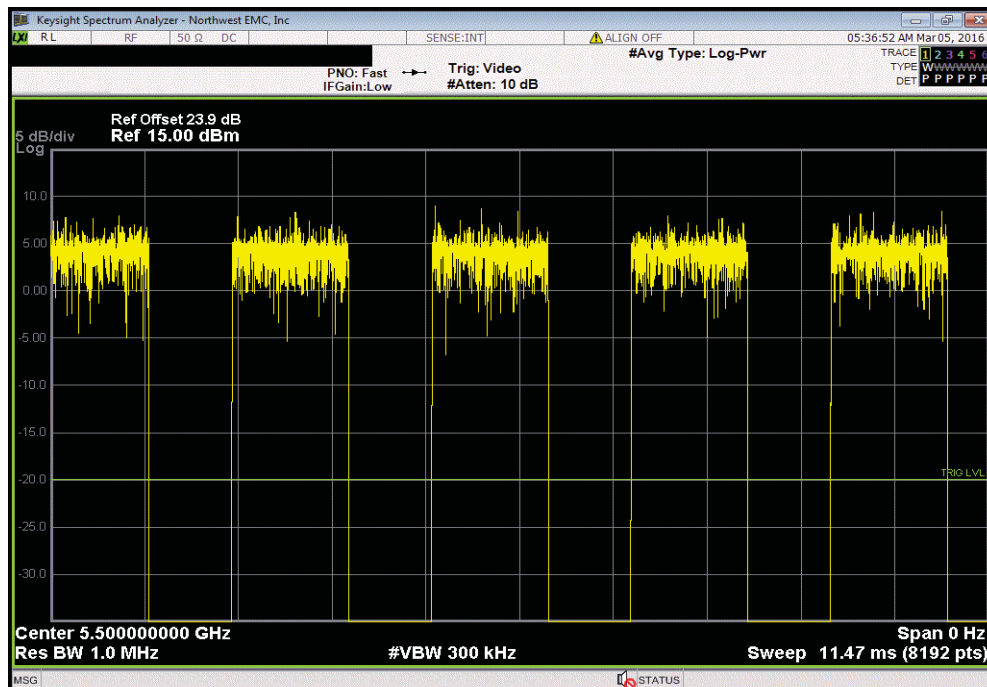


# DUTY CYCLE

| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



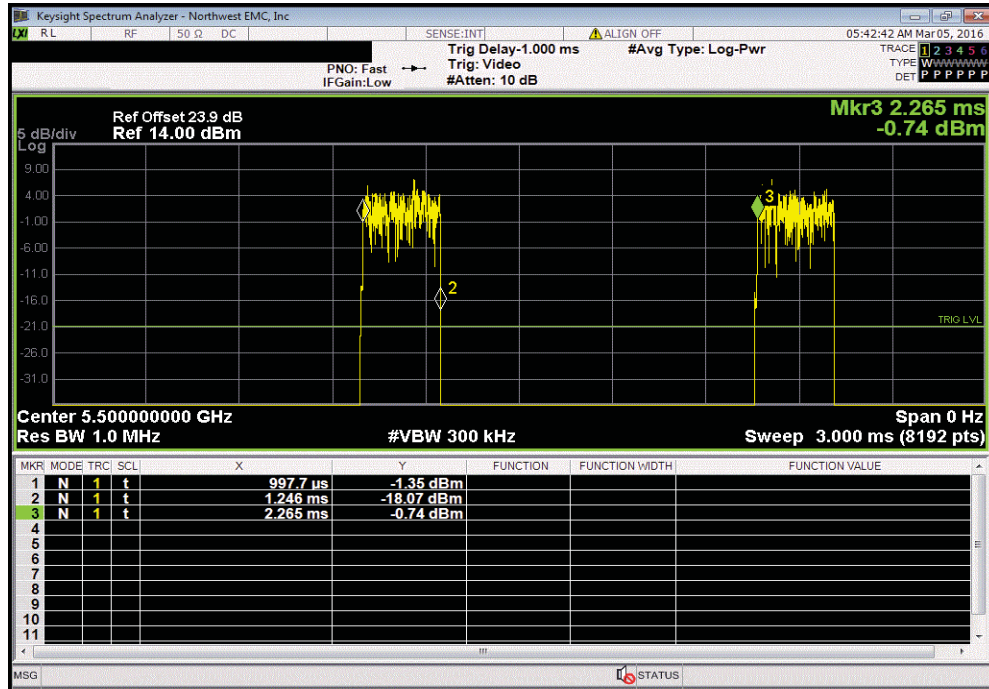
| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |



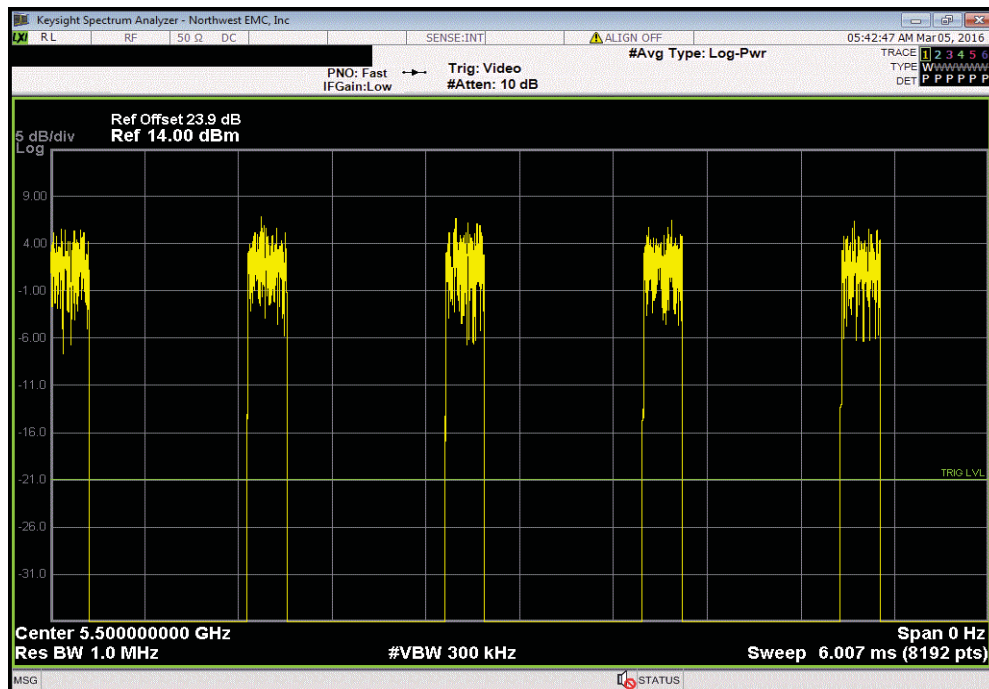


# DUTY CYCLE

| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

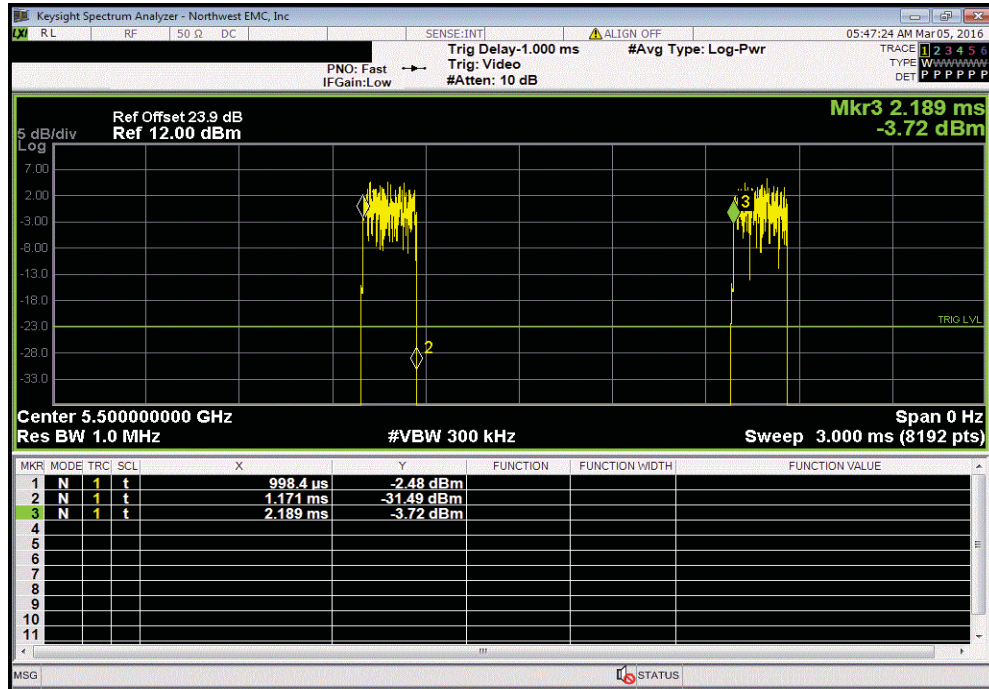


| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

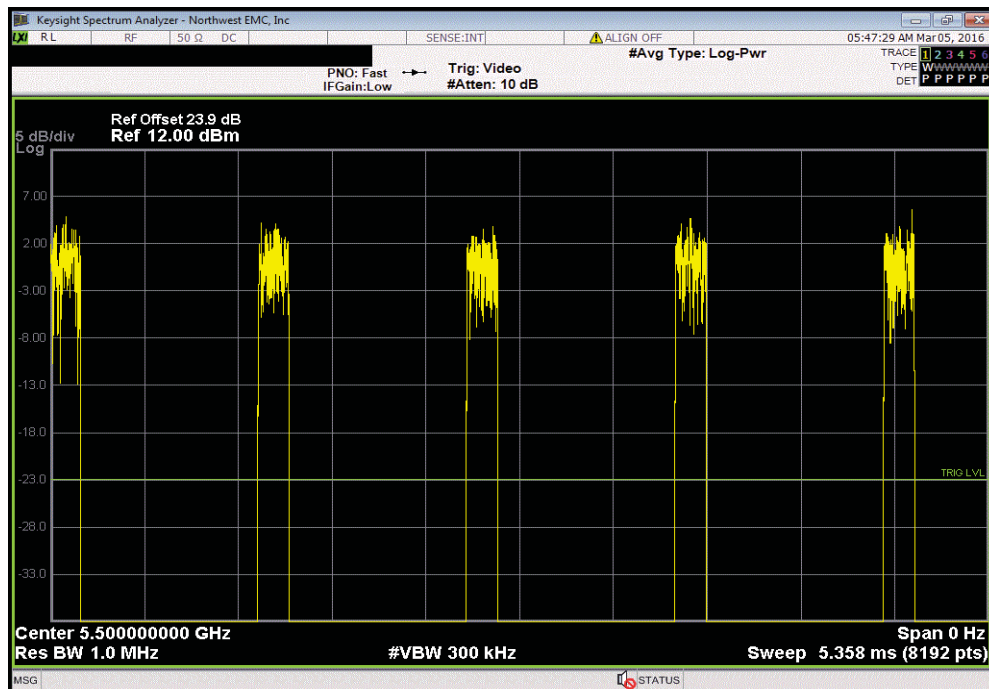


# DUTY CYCLE

| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.5 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

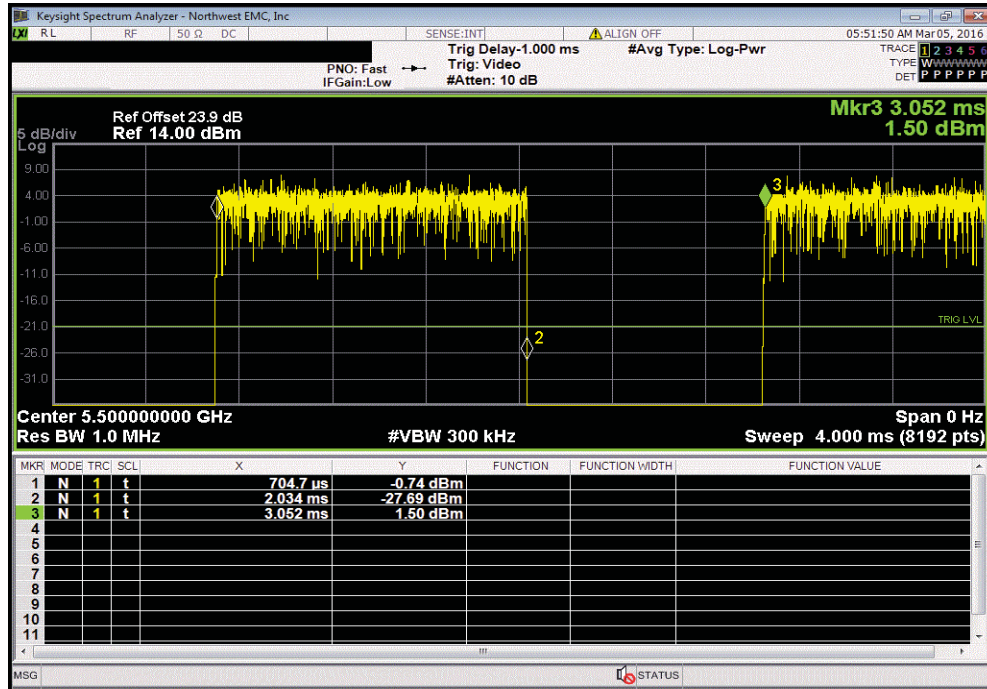


| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

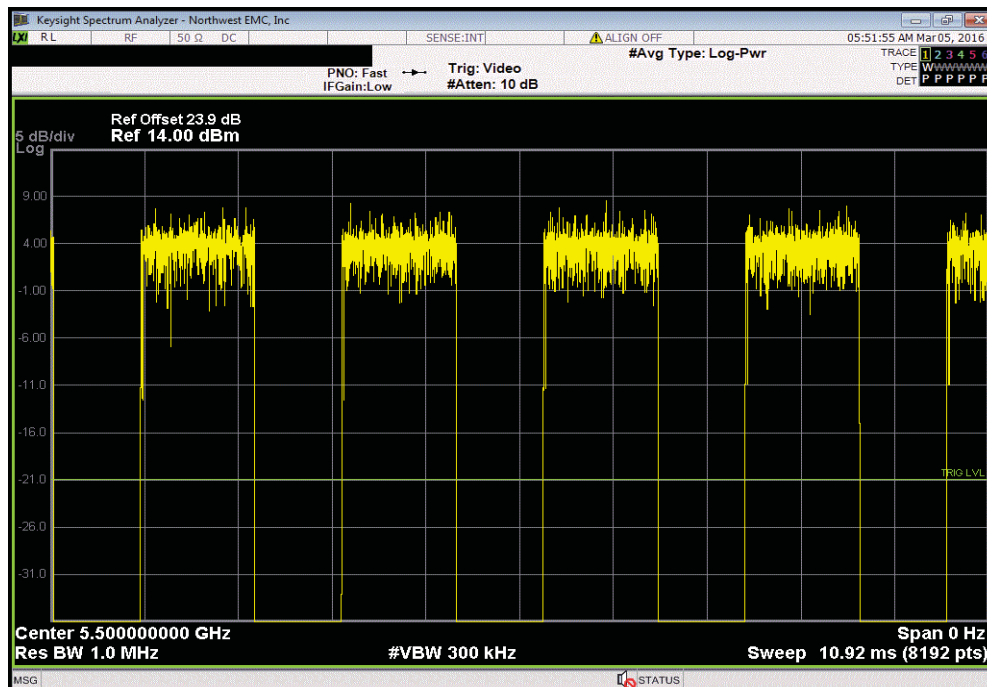


# DUTY CYCLE

| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

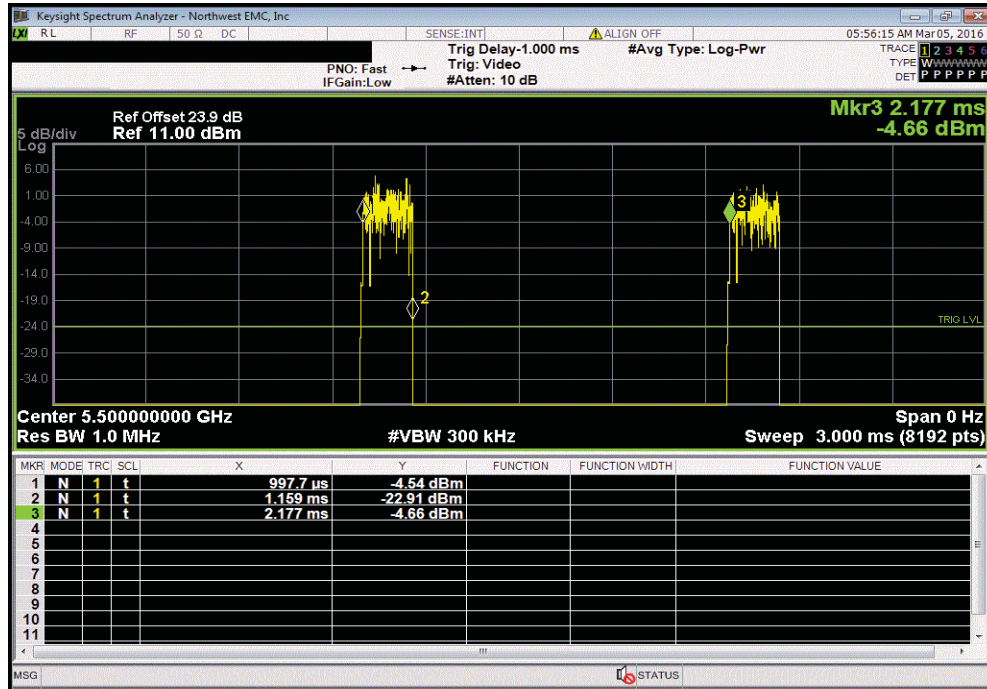


| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 6                | N/A       | N/A       | N/A     |  |

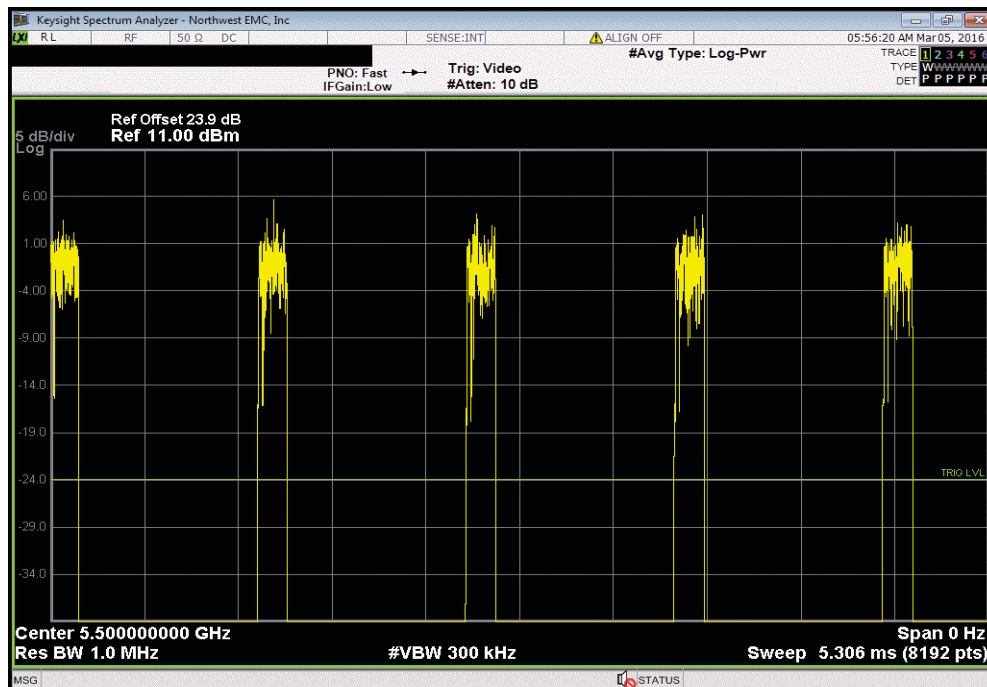


# DUTY CYCLE

| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



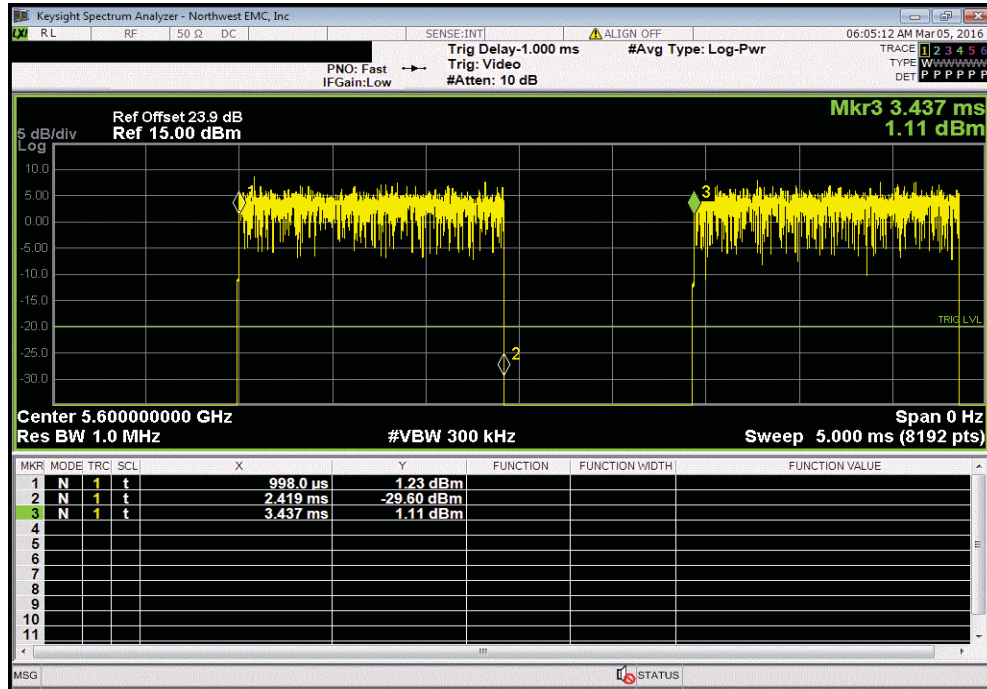
| 5470 - 5725 MHz Band, Low Channel, Ch 100 - 5500 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



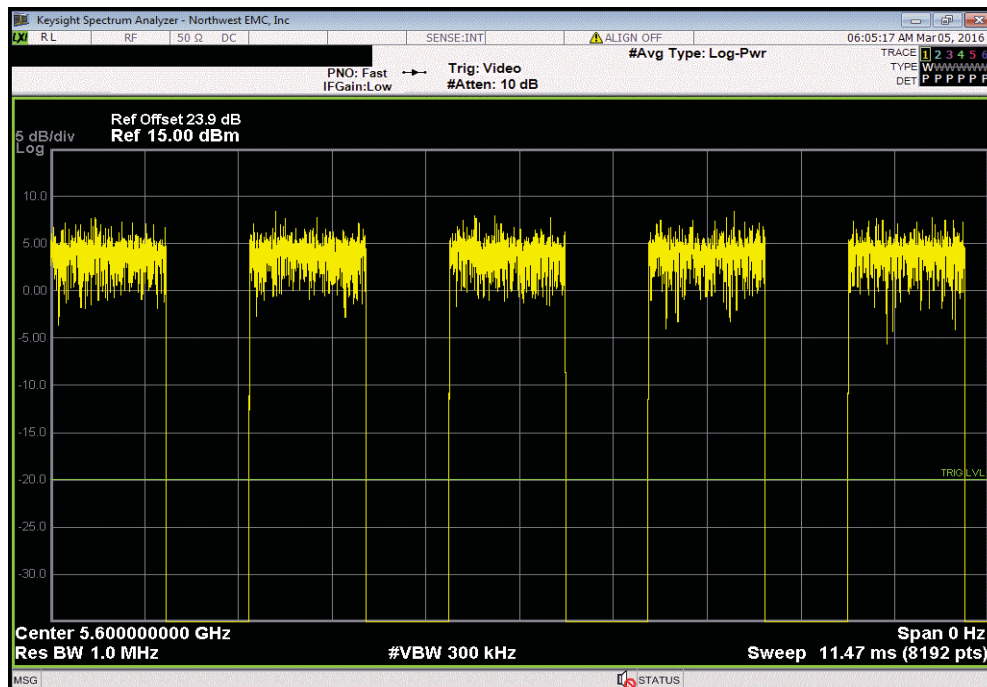


# DUTY CYCLE

| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



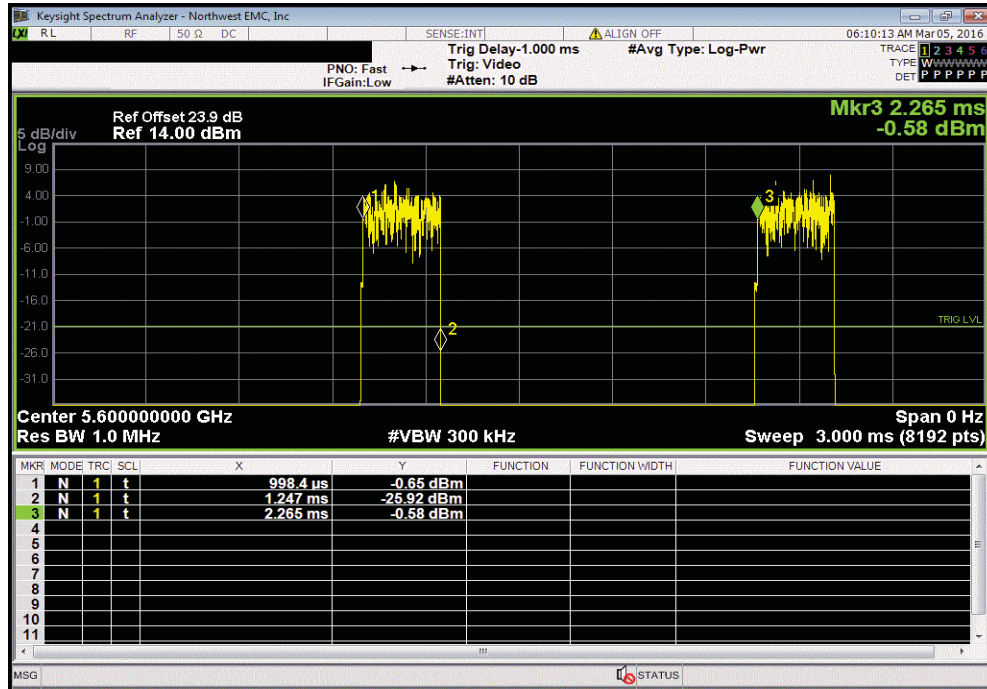
| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |



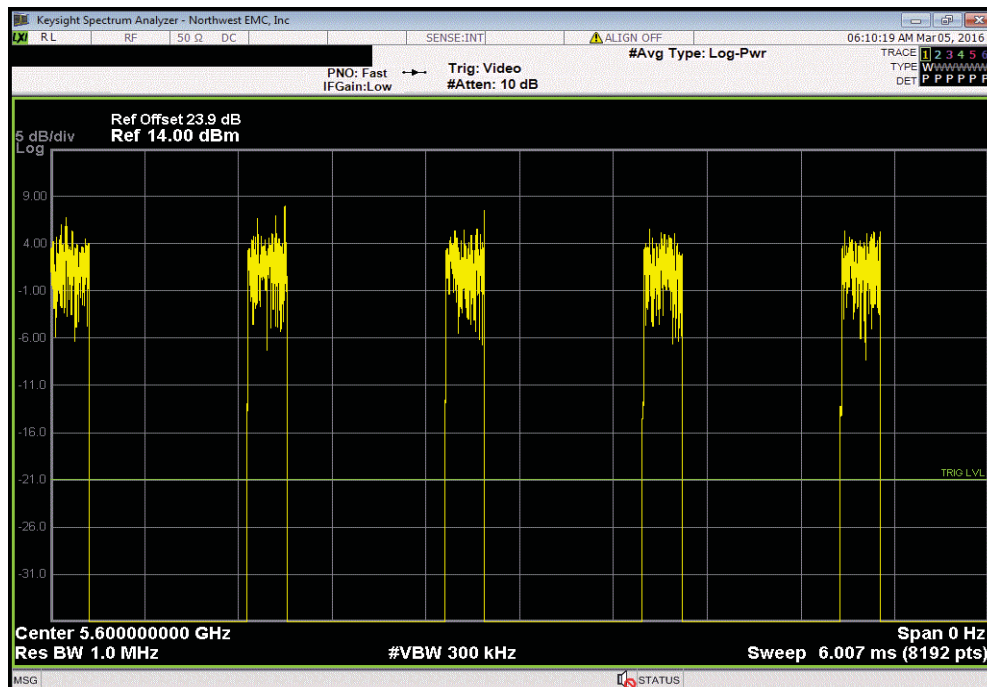


# DUTY CYCLE

| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

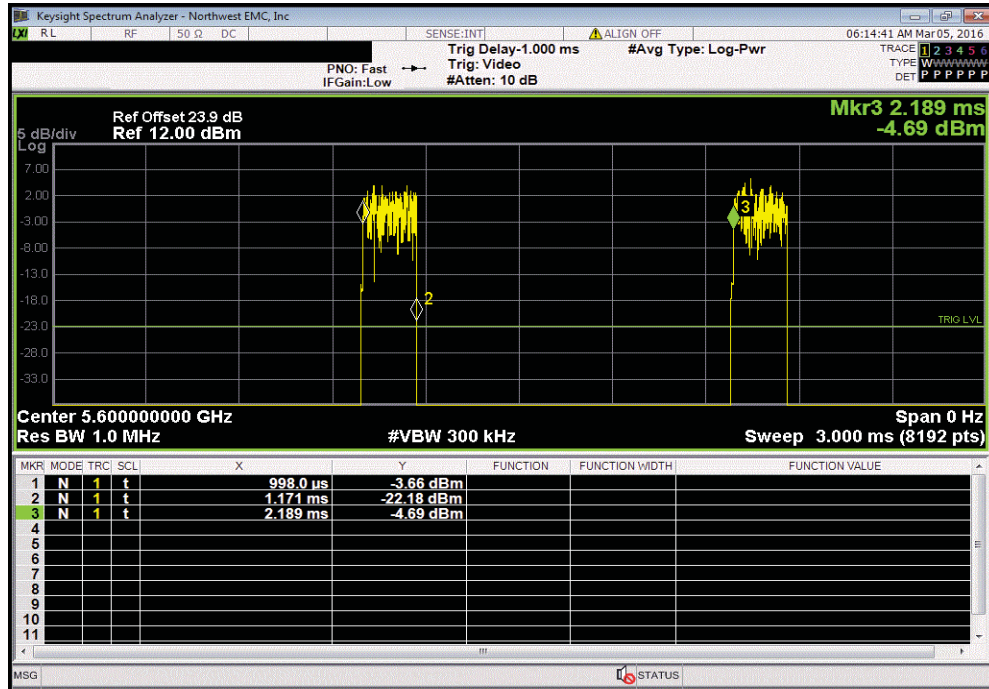


| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

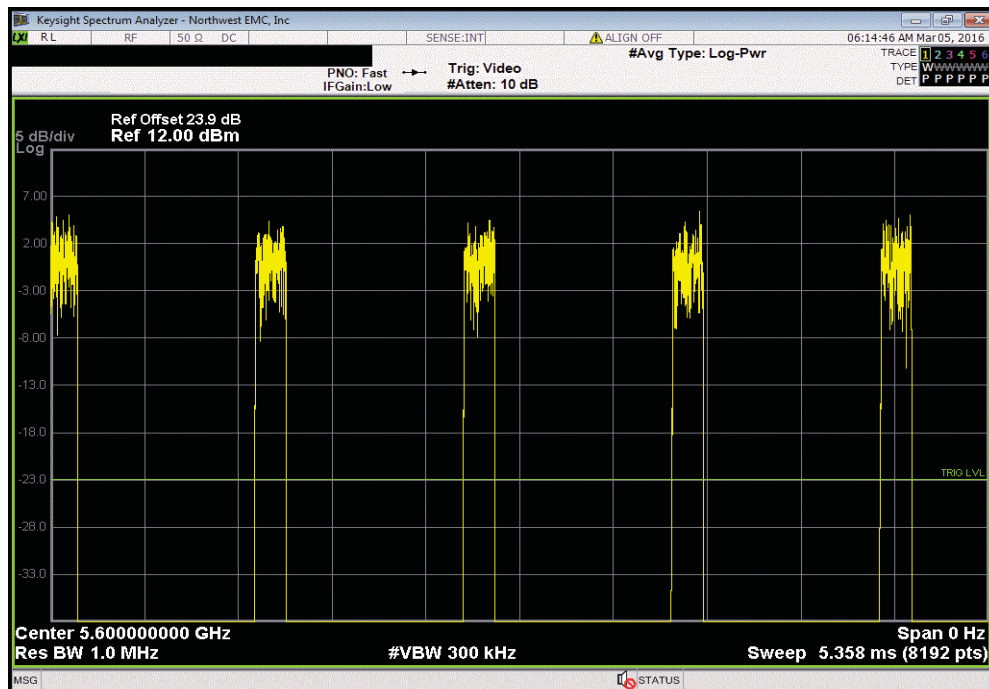


# DUTY CYCLE

| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

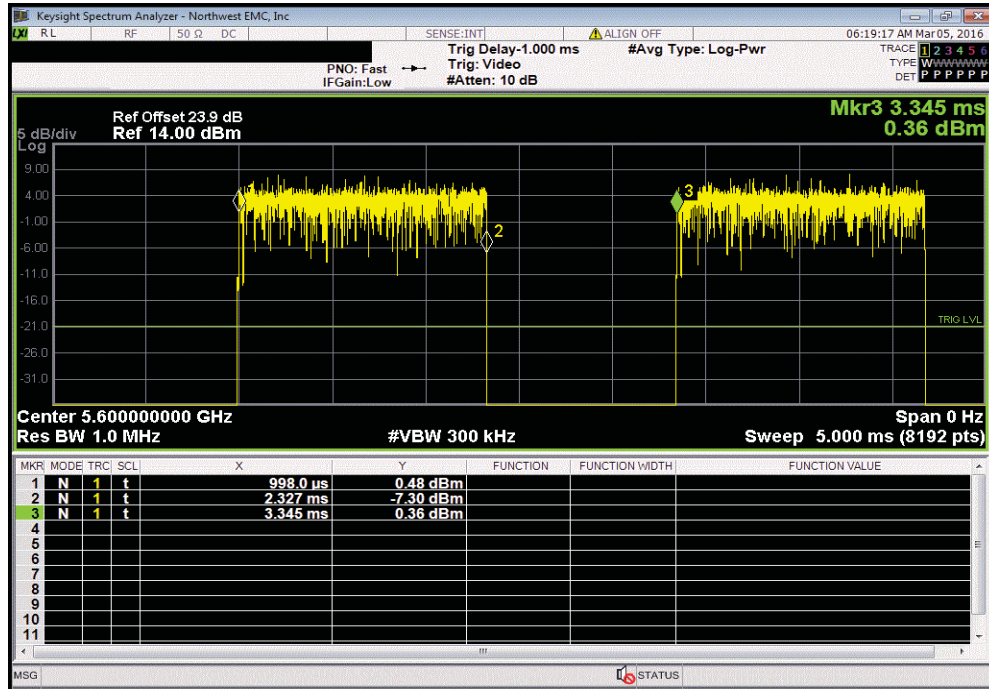


| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

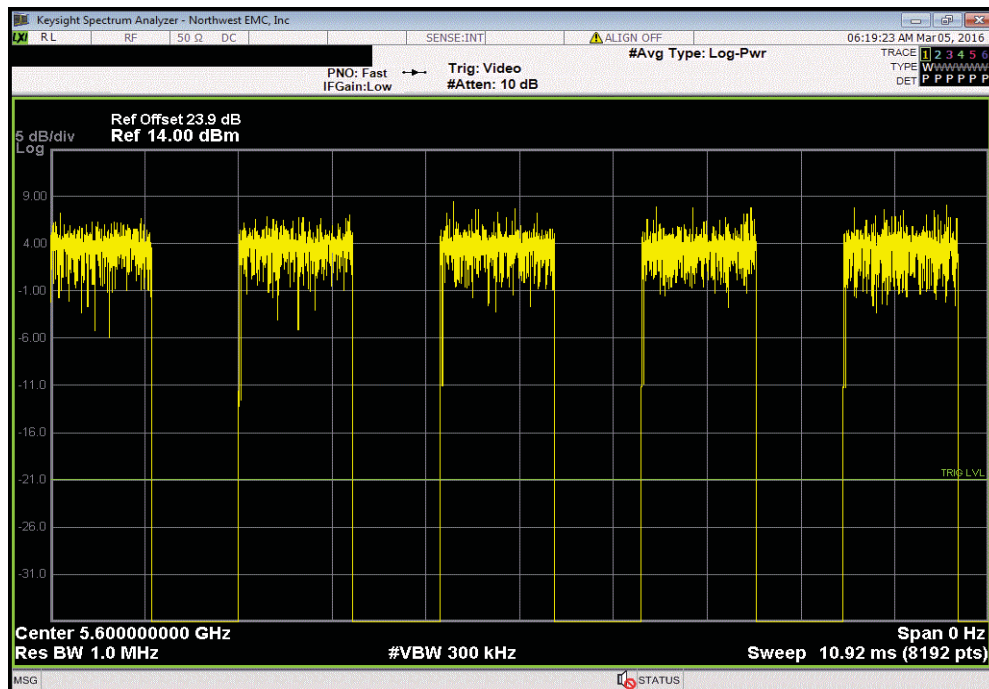


# DUTY CYCLE

| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

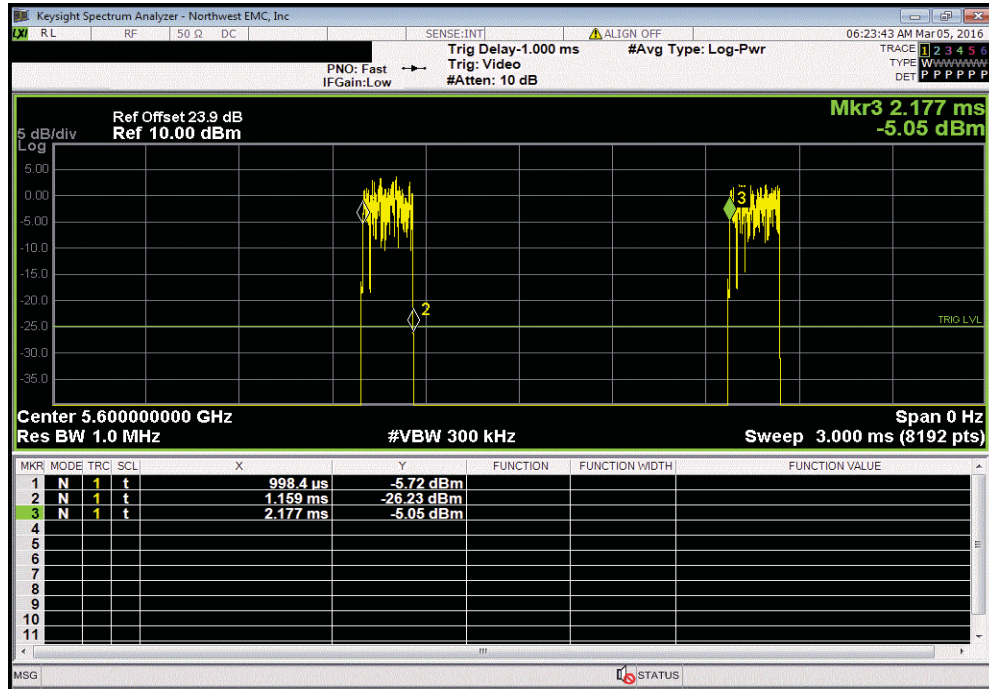


| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |

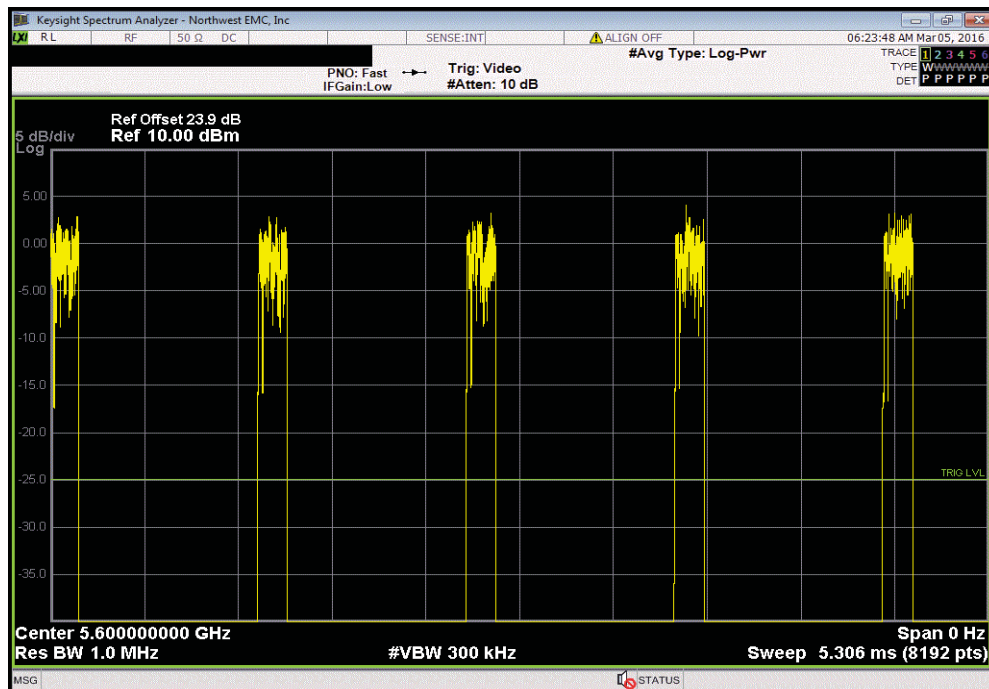


# DUTY CYCLE

| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



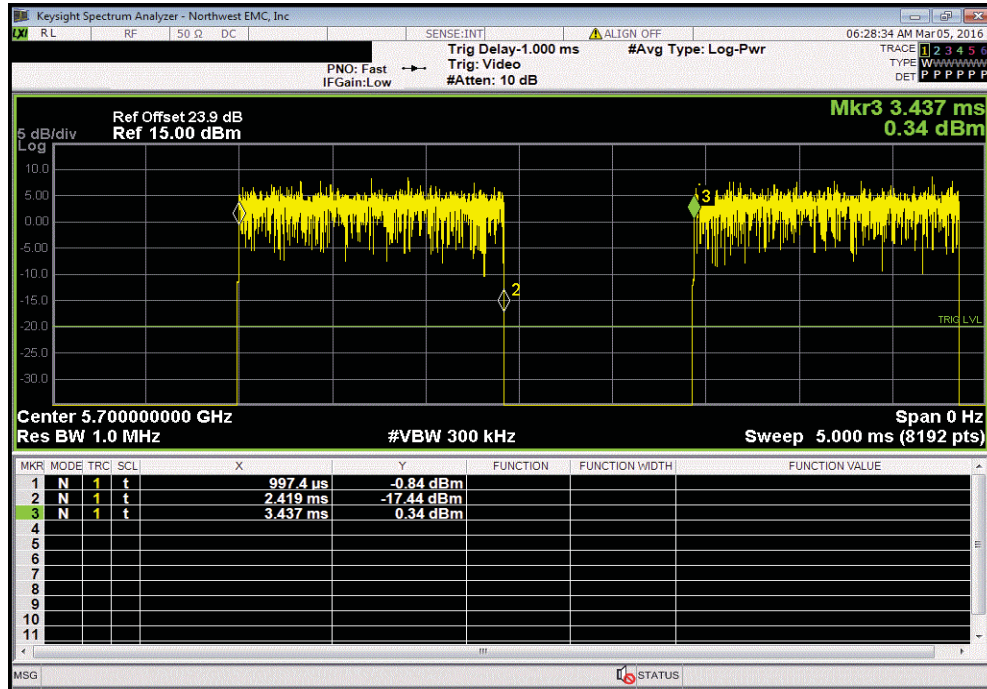
| 5470 - 5725 MHz Band, Mid Channel, Ch 120 - 5600 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



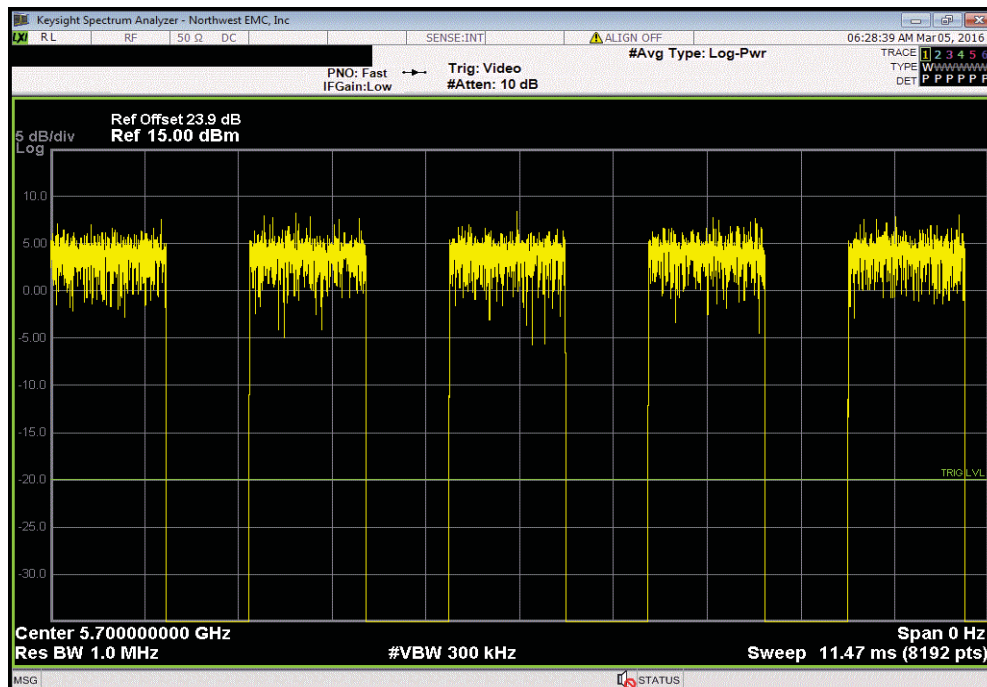


# DUTY CYCLE

| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                                | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



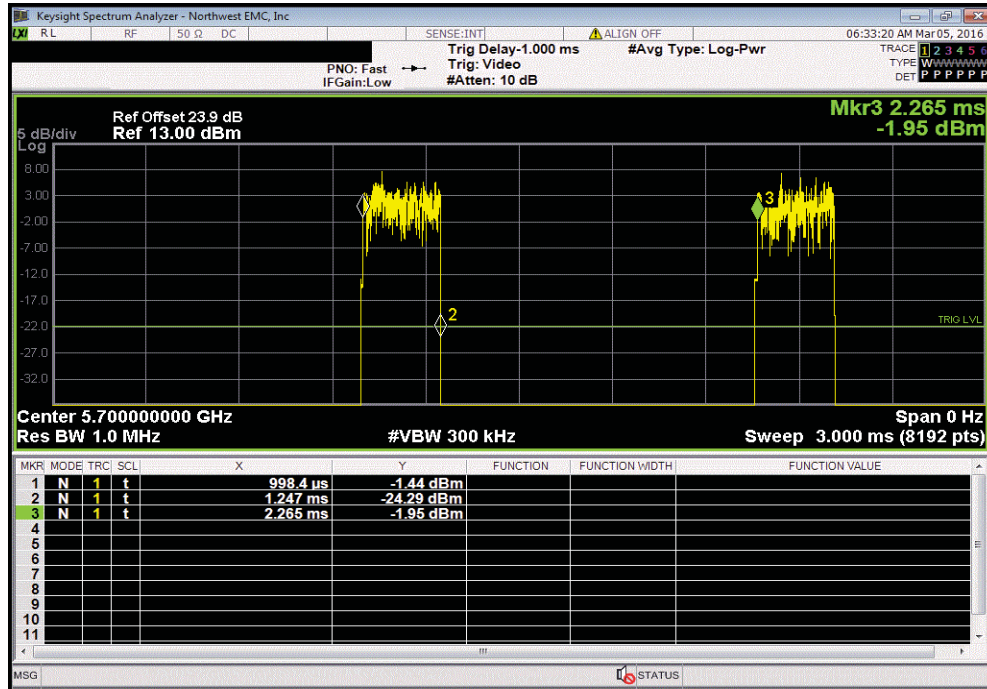
| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |



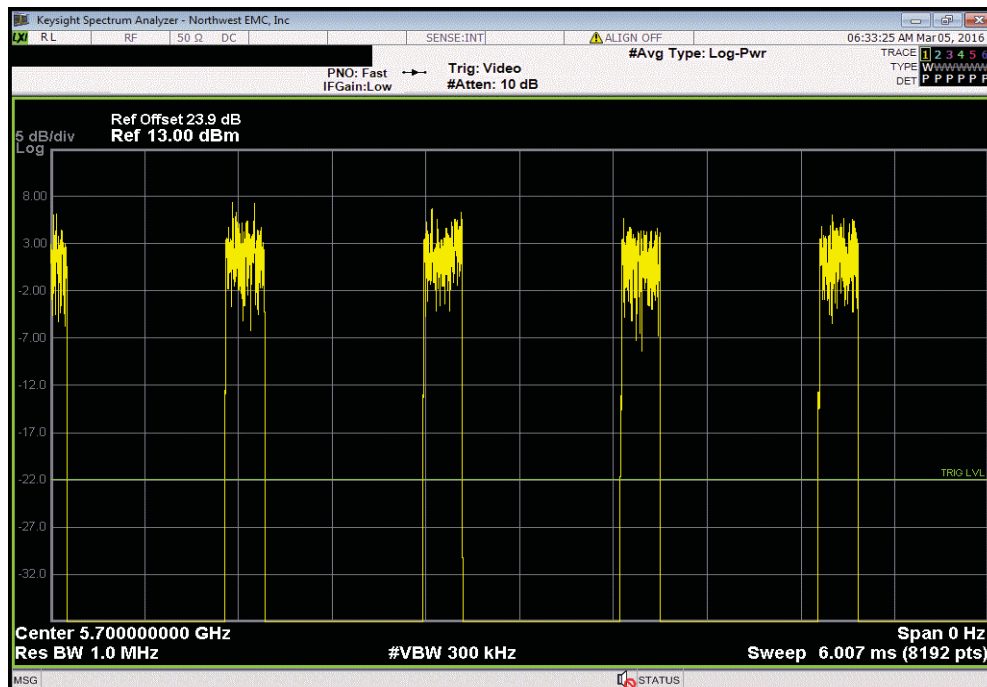


# DUTY CYCLE

| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|--------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                 | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

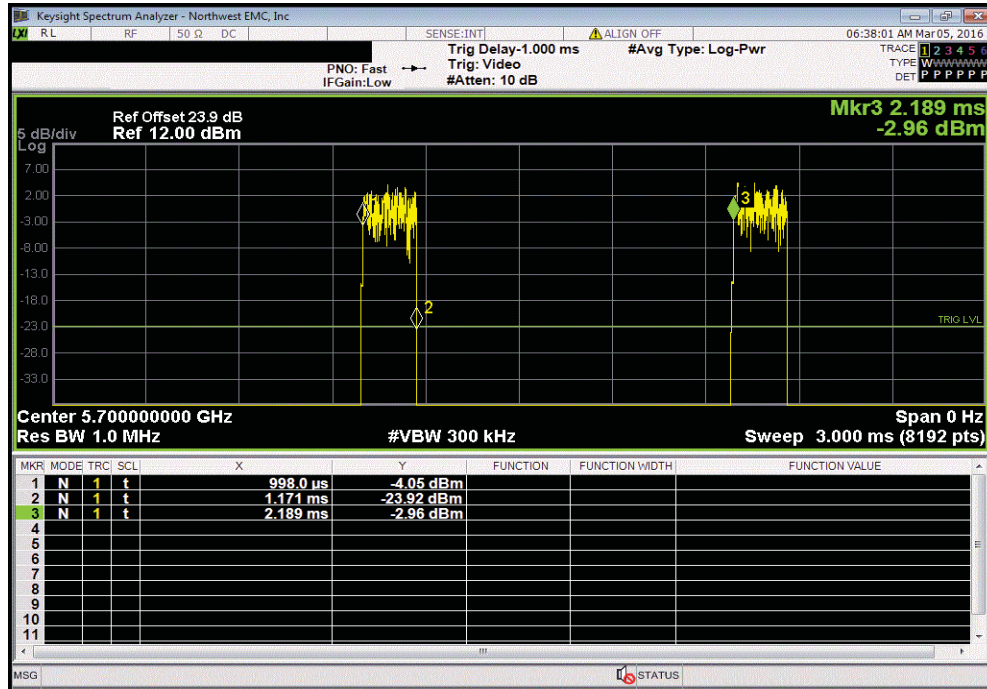


| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|--------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                      | N/A    | 5                | N/A       | N/A       | N/A     |  |

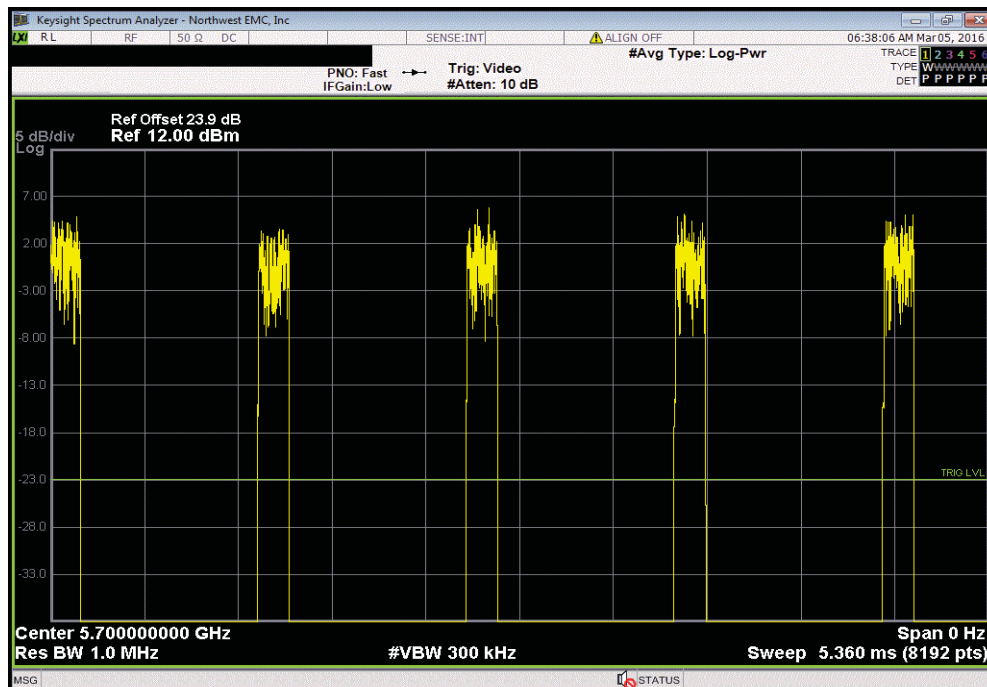


# DUTY CYCLE

| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|--------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                 | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

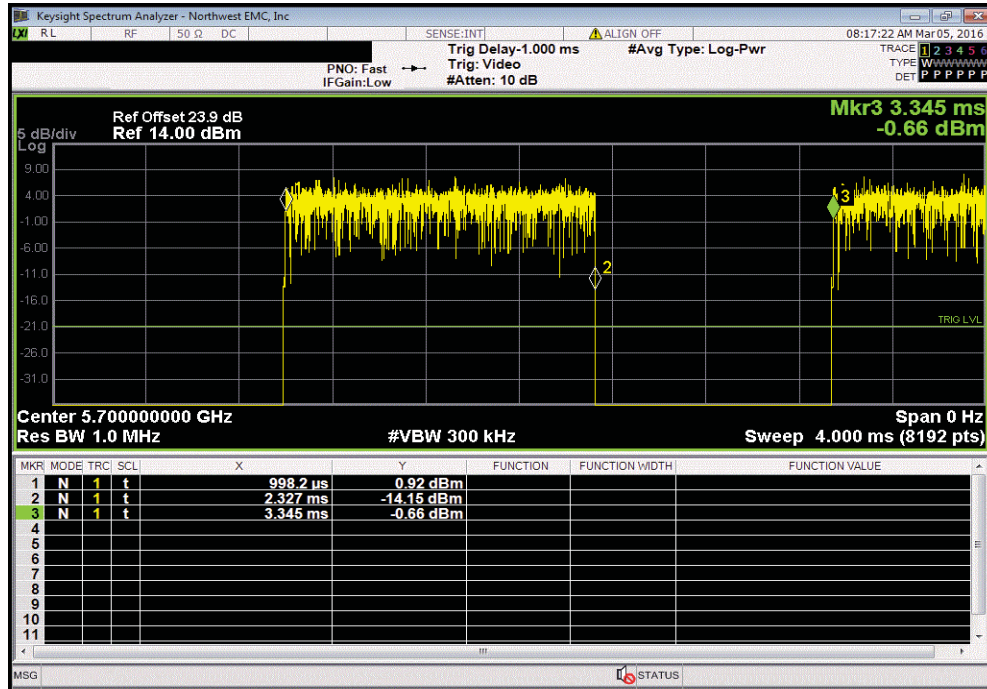


| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|--------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                      | N/A    | 5                | N/A       | N/A       | N/A     |  |



# DUTY CYCLE

| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                              | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

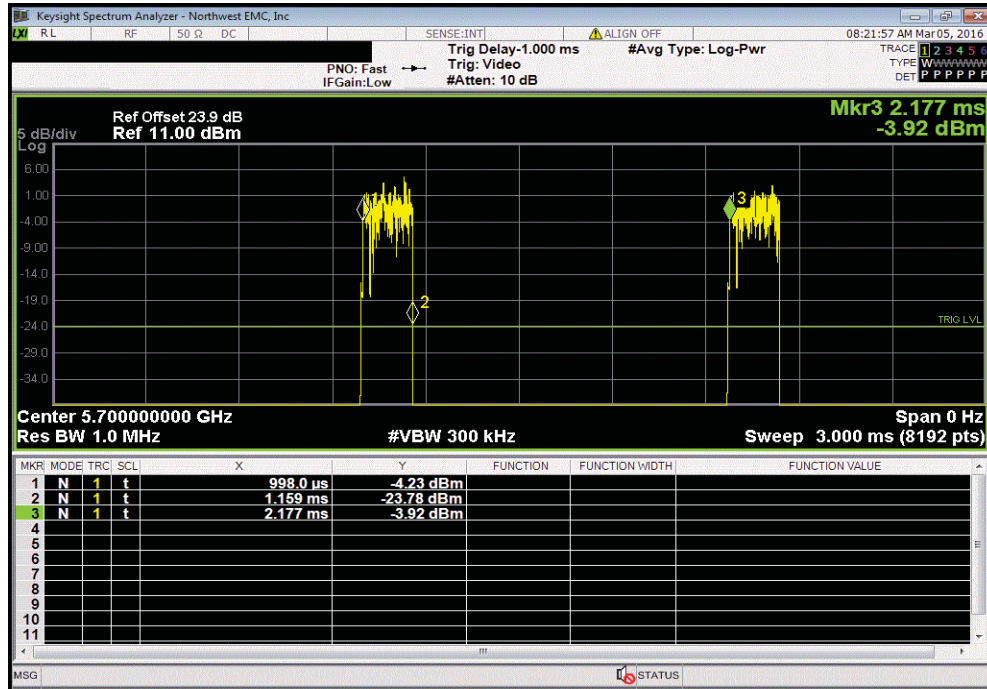


| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 6                | N/A       | N/A       | N/A     |  |

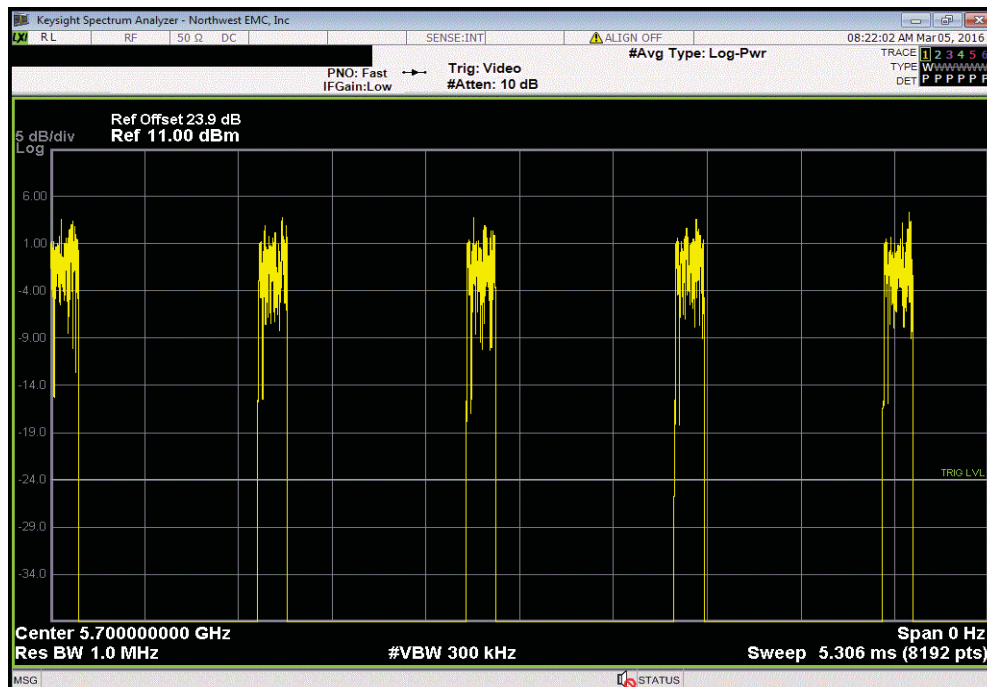


# DUTY CYCLE

| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                              | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



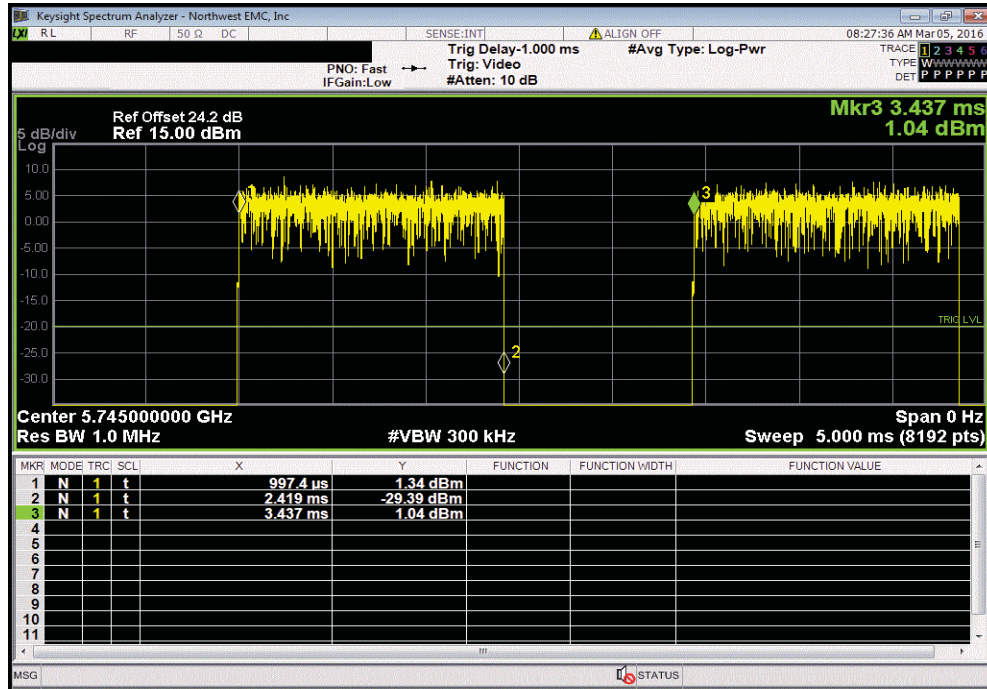
| 5470 - 5725 MHz Band, High Channel, Ch 140 - 5700 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 5                | N/A       | N/A       | N/A     |  |



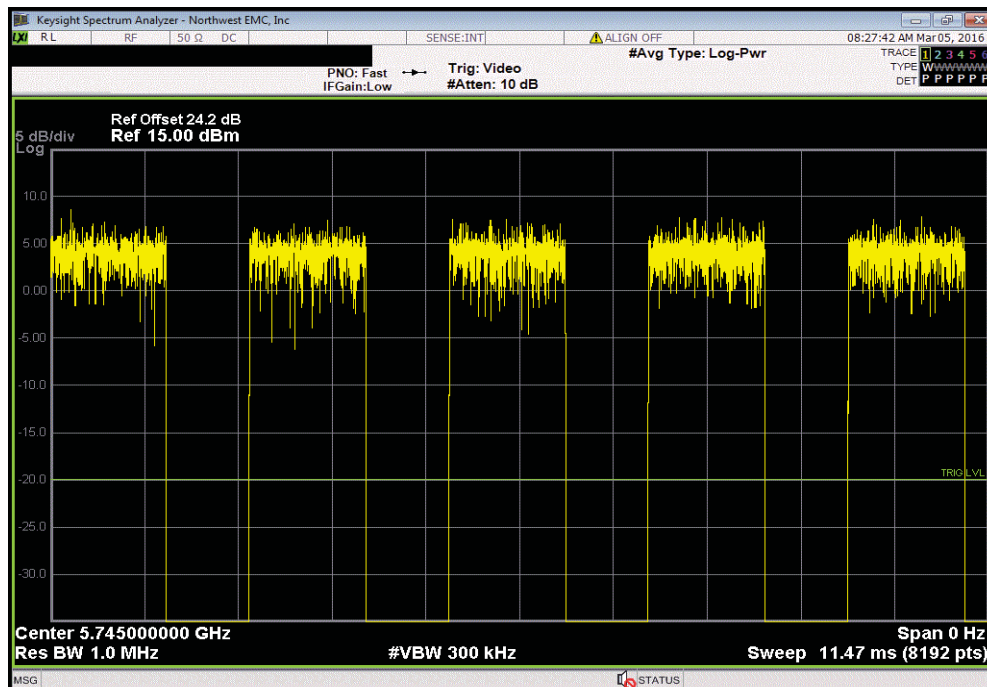


# DUTY CYCLE

| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



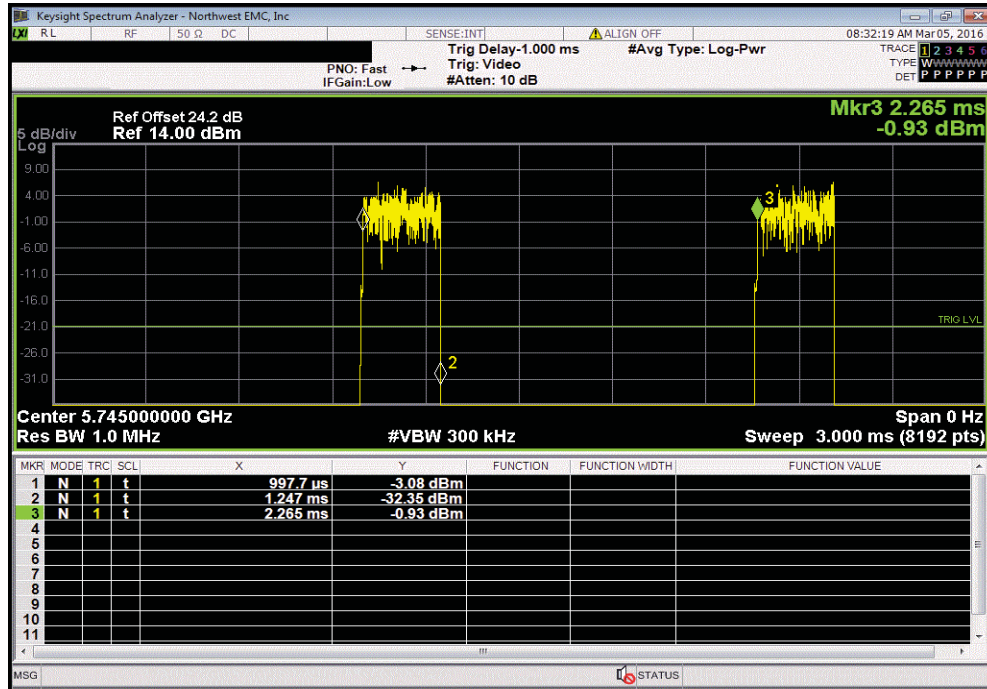
| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 5                | N/A       | N/A       | N/A     |  |



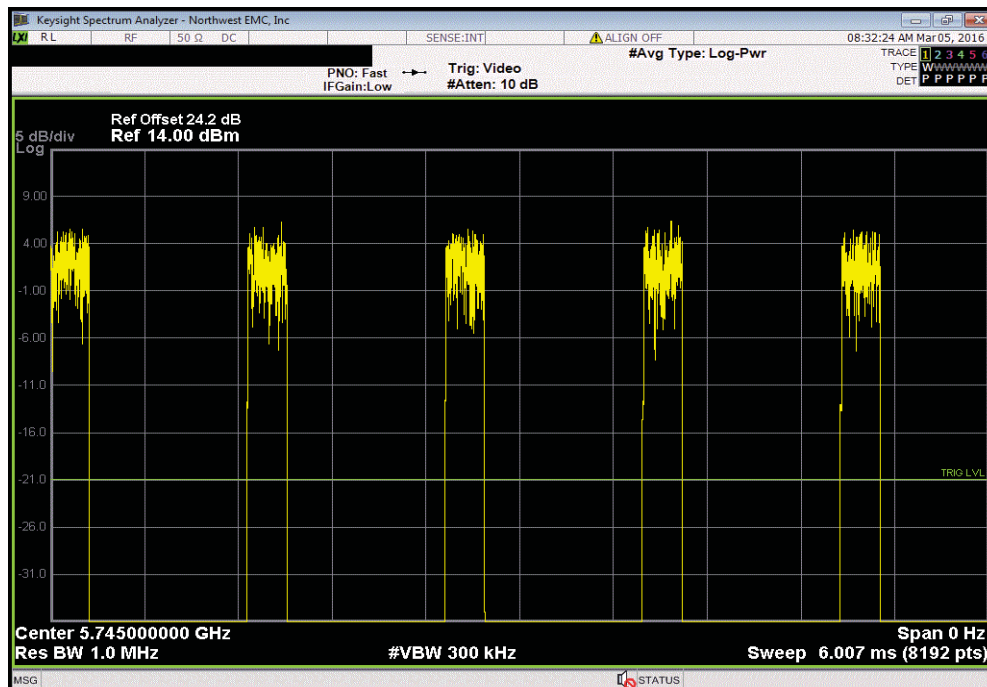


# DUTY CYCLE

| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 249 us                                                                  | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

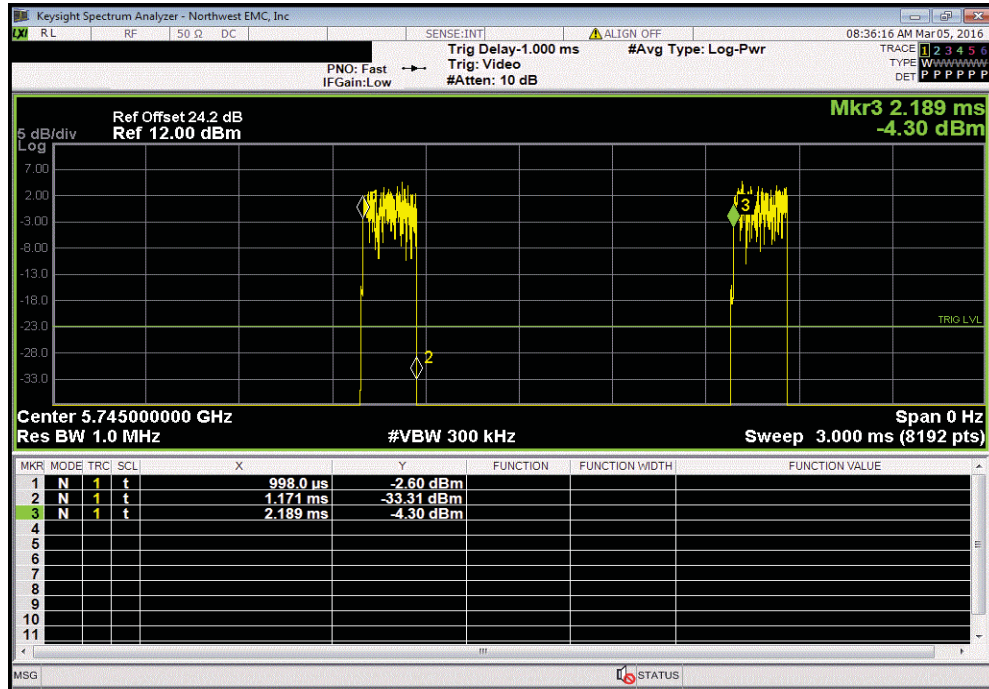


| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

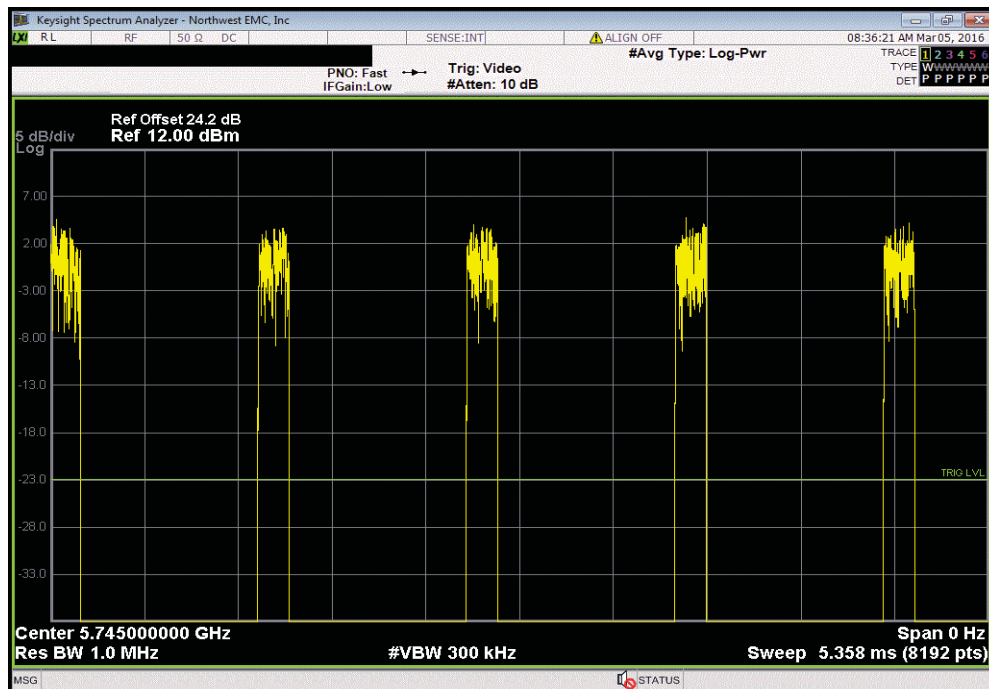


# DUTY CYCLE

| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

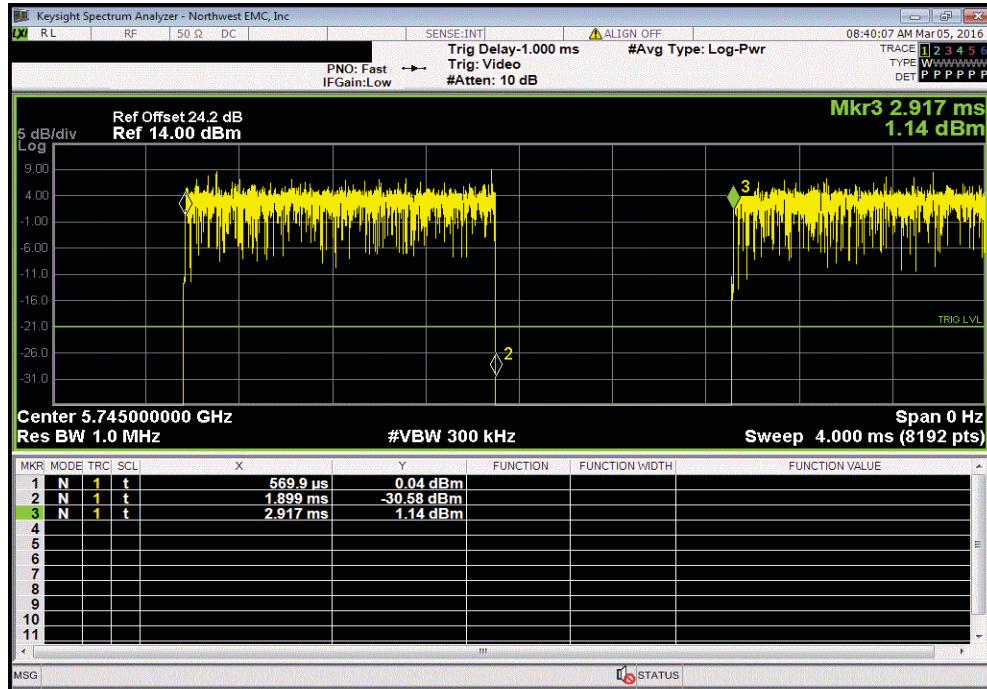


| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

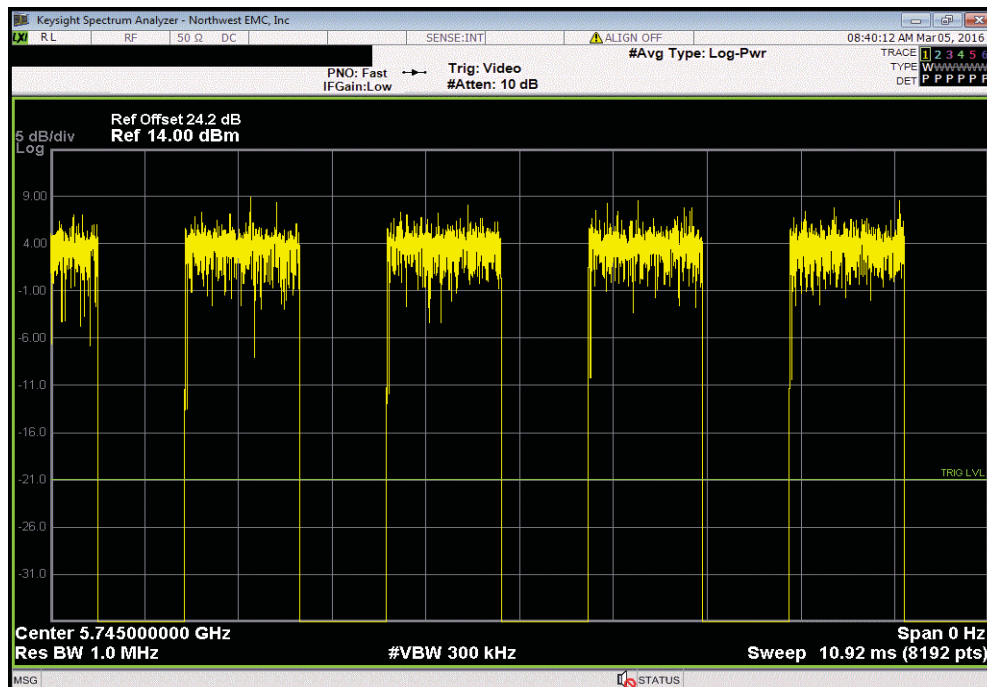


# DUTY CYCLE

| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

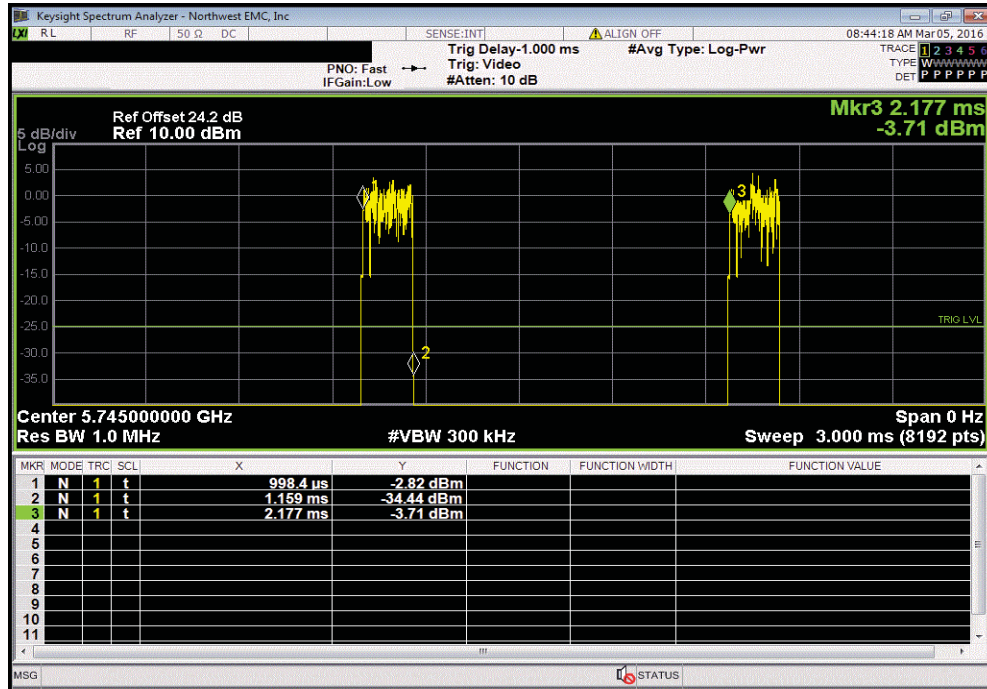


| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |

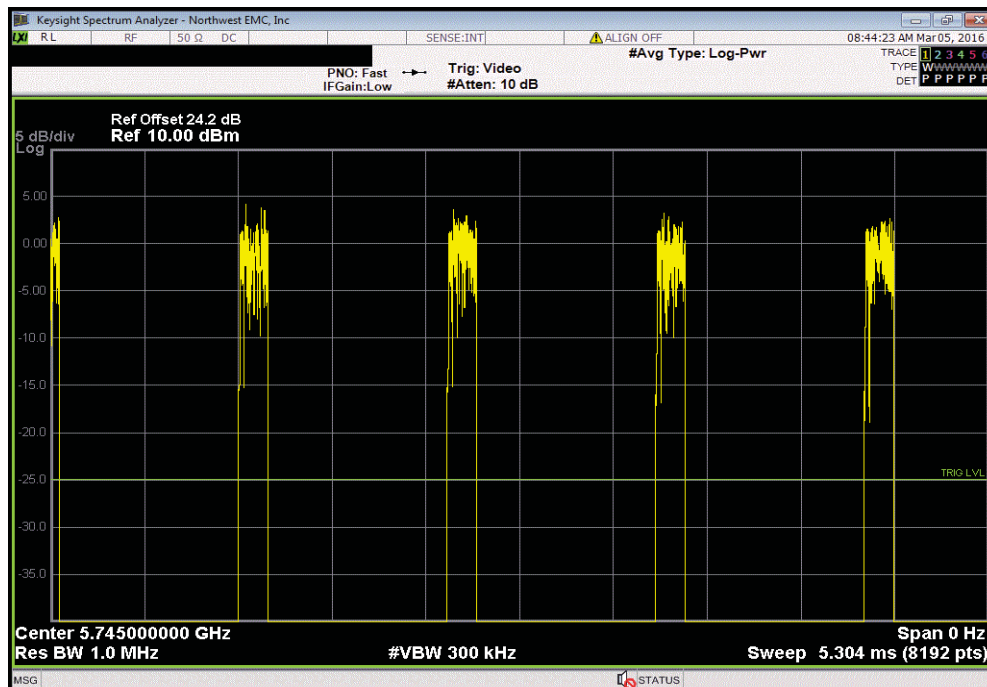


# DUTY CYCLE

| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



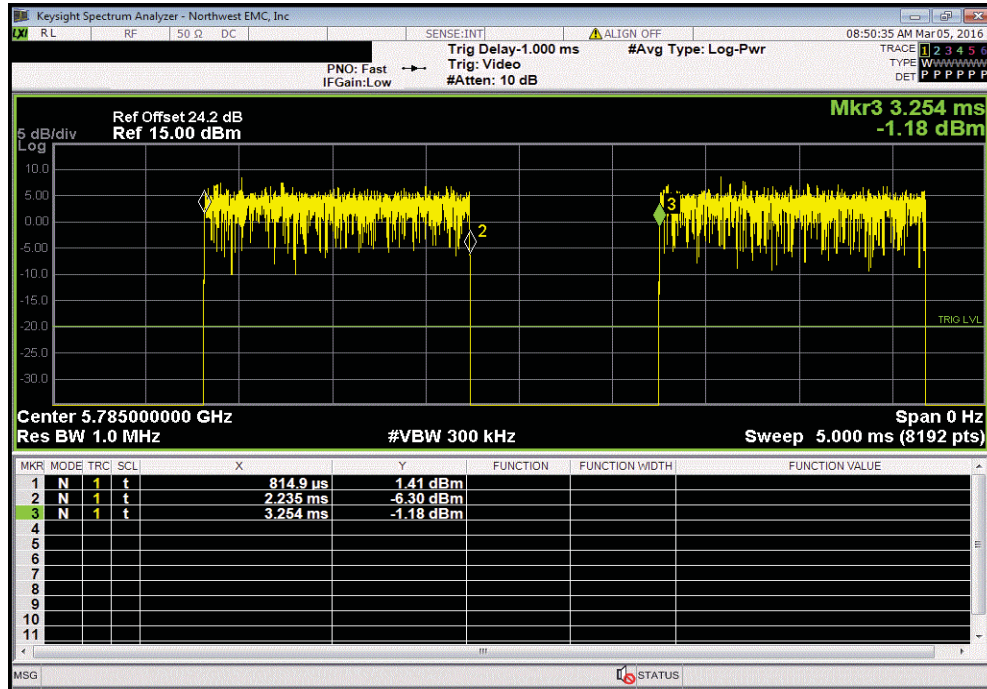
| 5725 - 5785 MHz Band, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



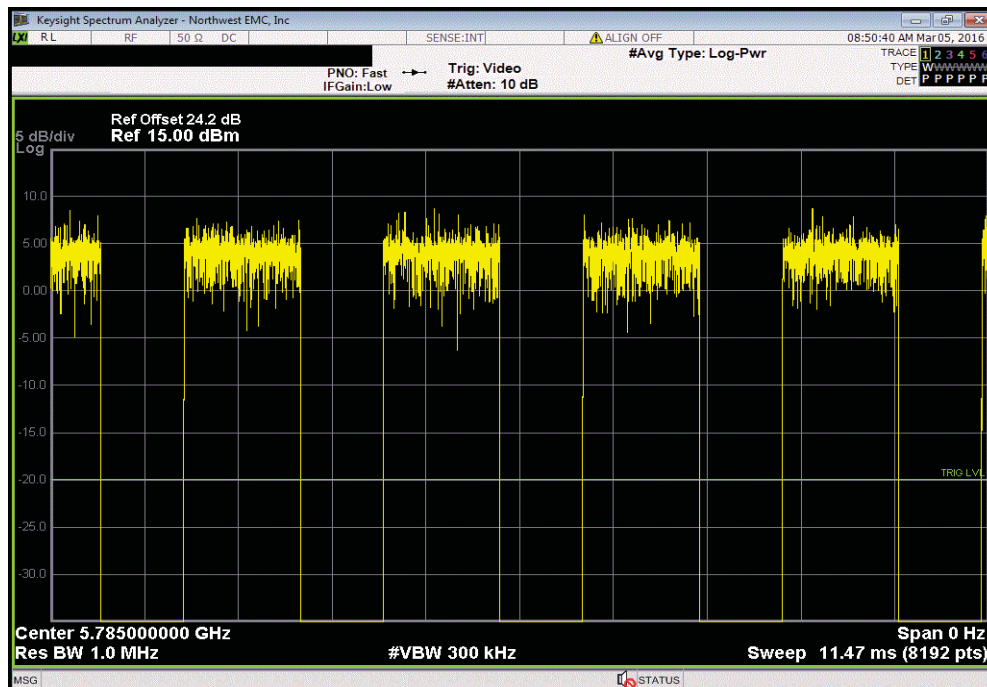


# DUTY CYCLE

| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                               | 2.439 ms | 1                | 58.2      | N/A       | N/A     |  |



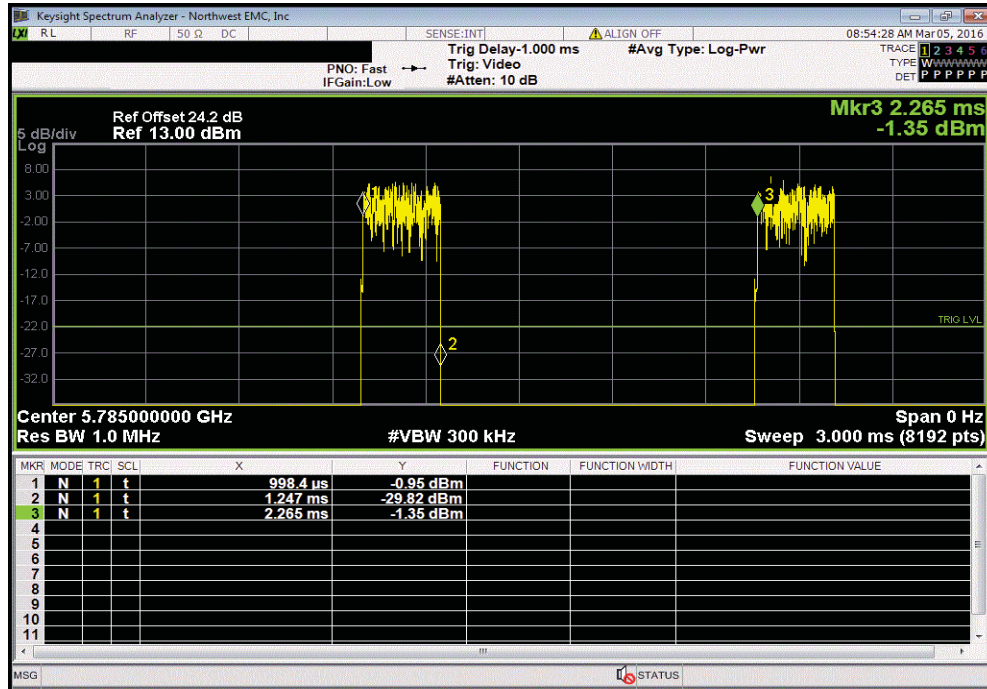
| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                            | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                    | N/A    | 6                | N/A       | N/A       | N/A     |  |



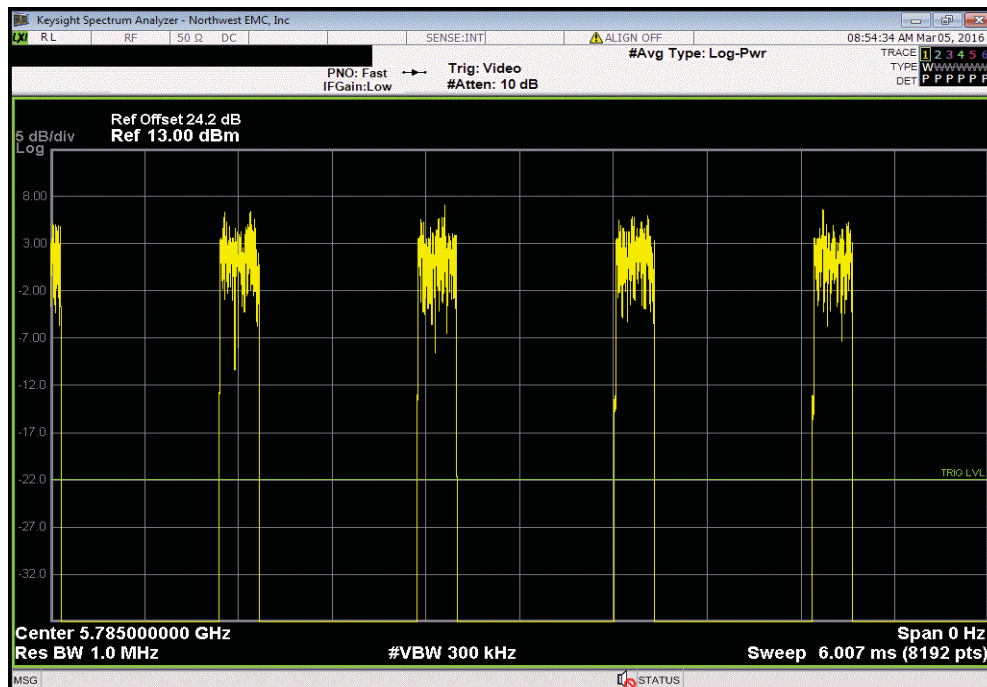


# DUTY CYCLE

| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

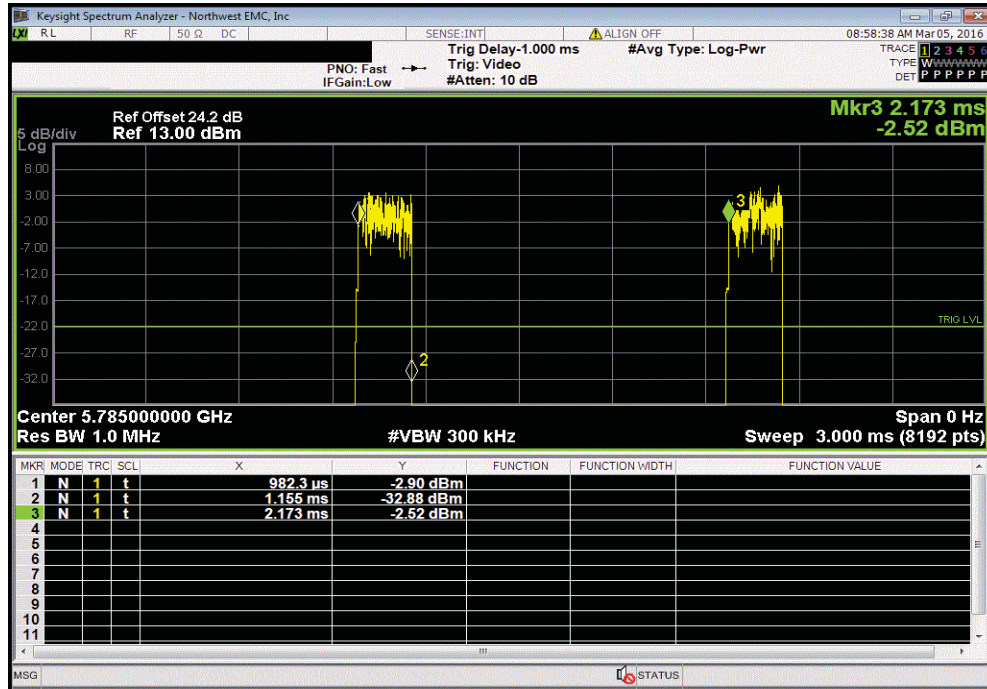


| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

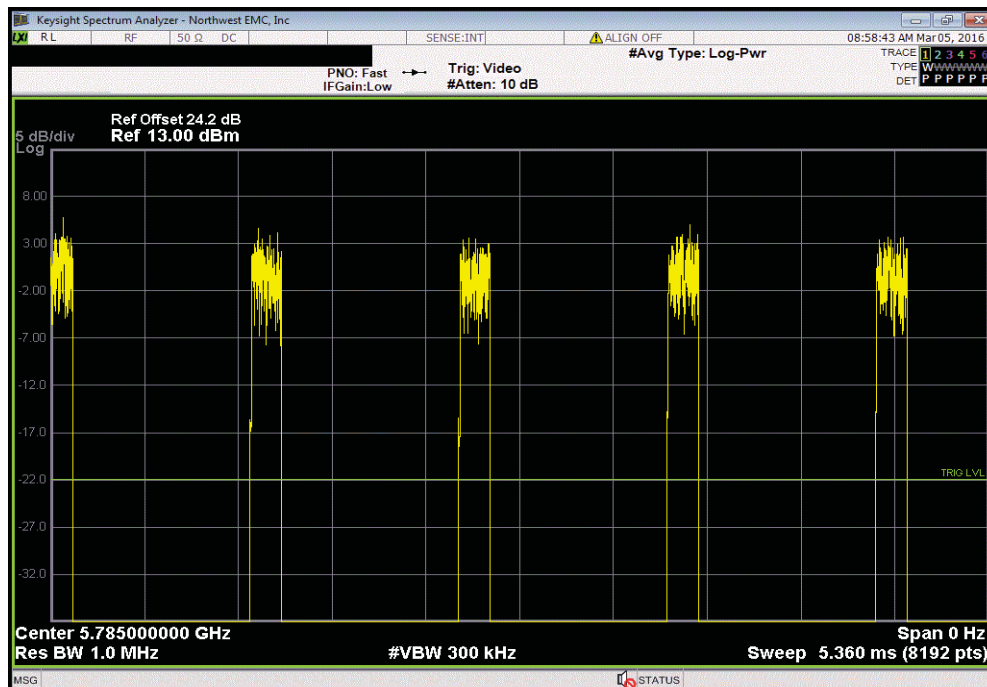


# DUTY CYCLE

| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

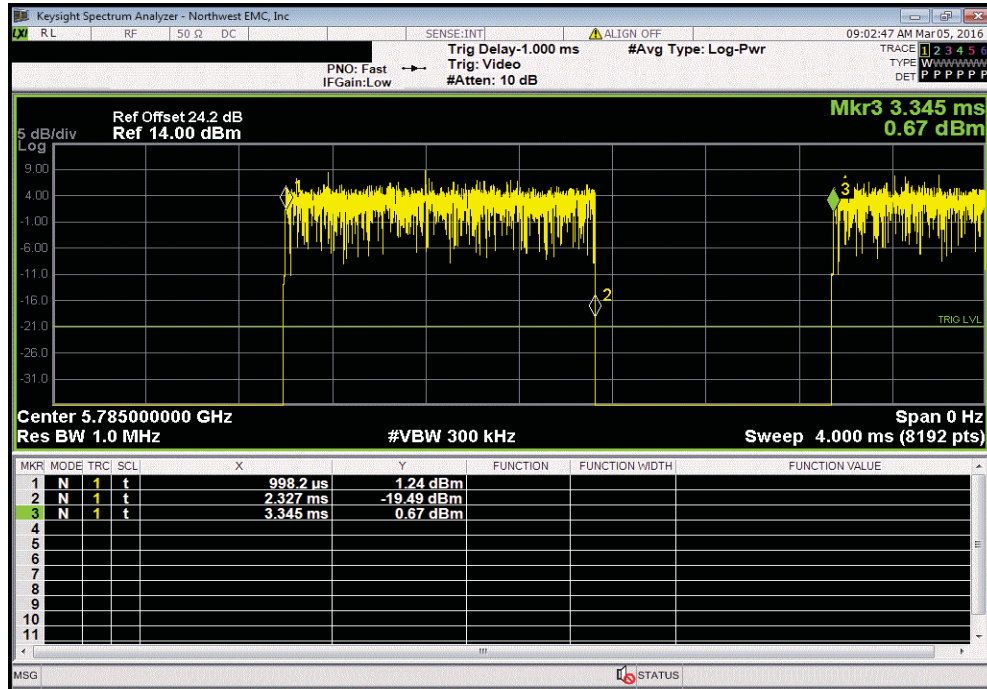


| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 5                | N/A       | N/A       | N/A     |  |

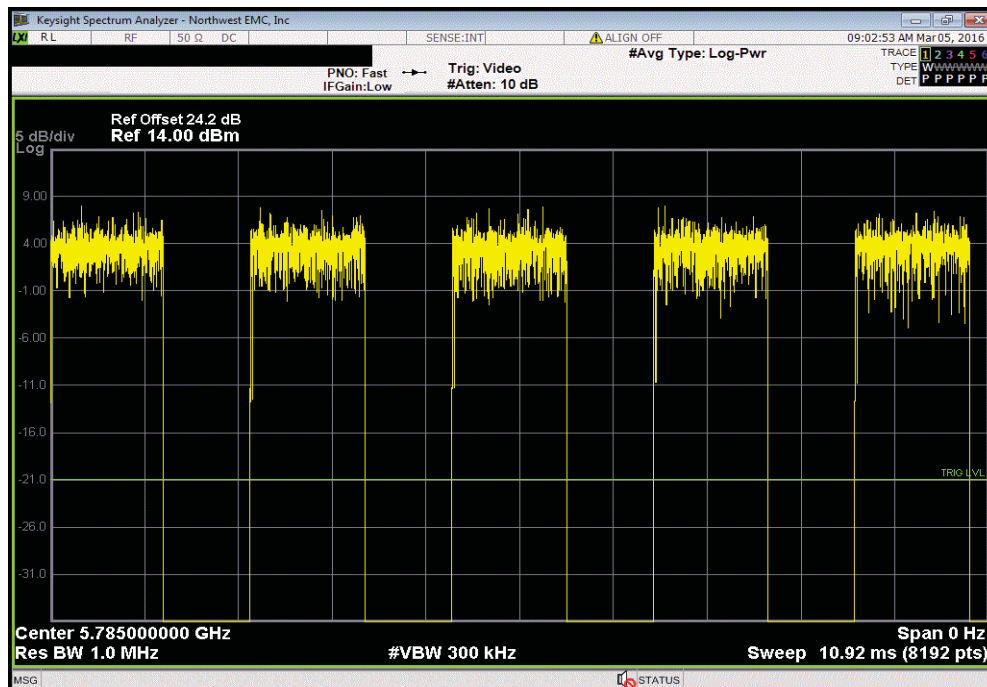


# DUTY CYCLE

| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                             | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

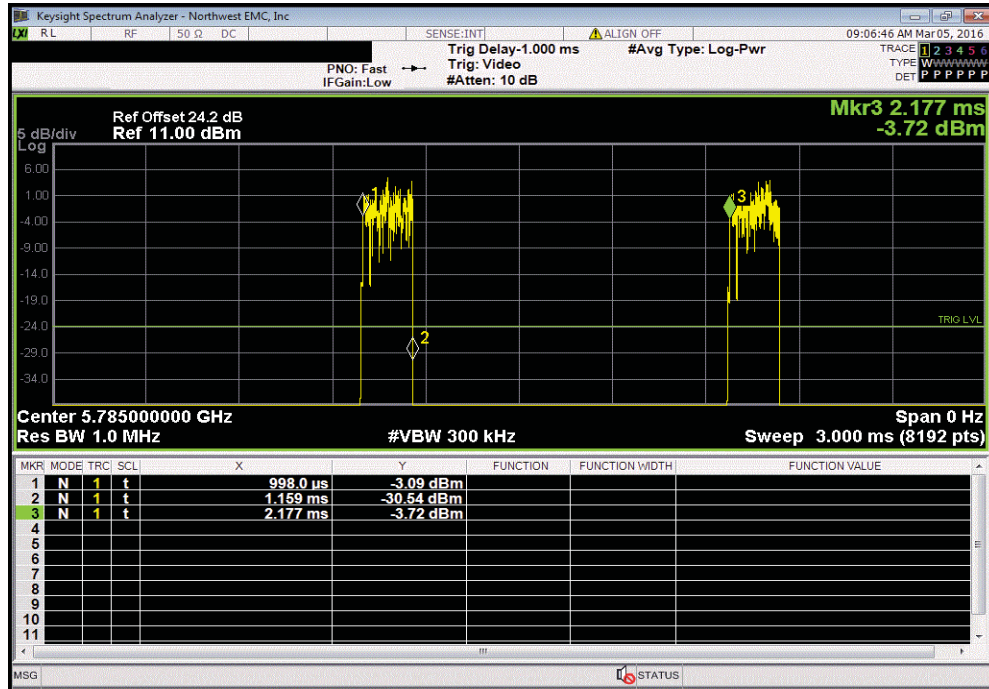


| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |

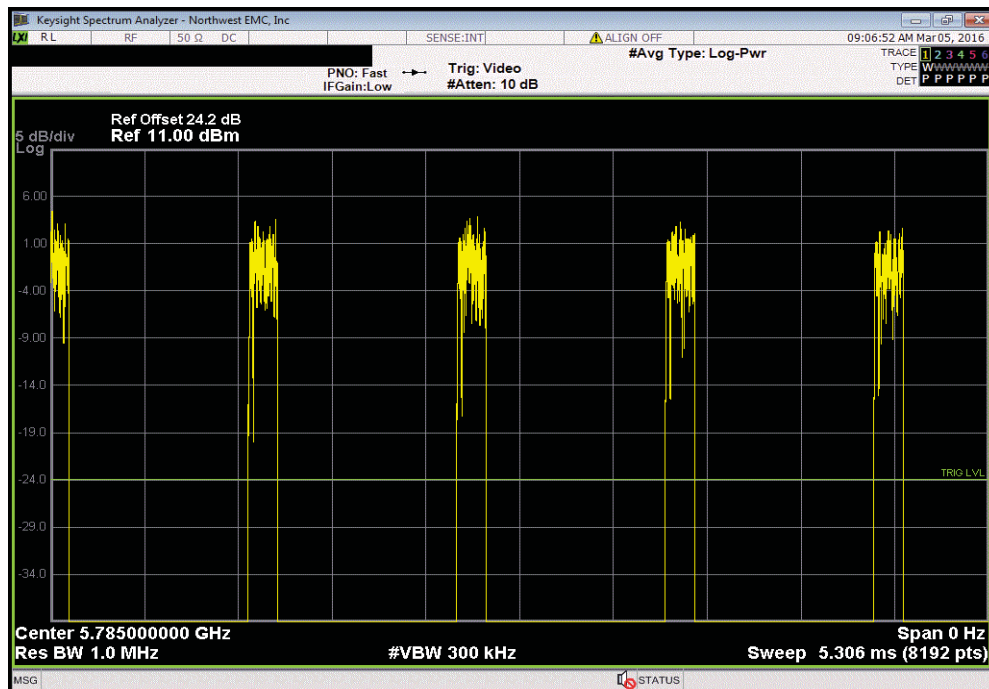


# DUTY CYCLE

| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                             | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



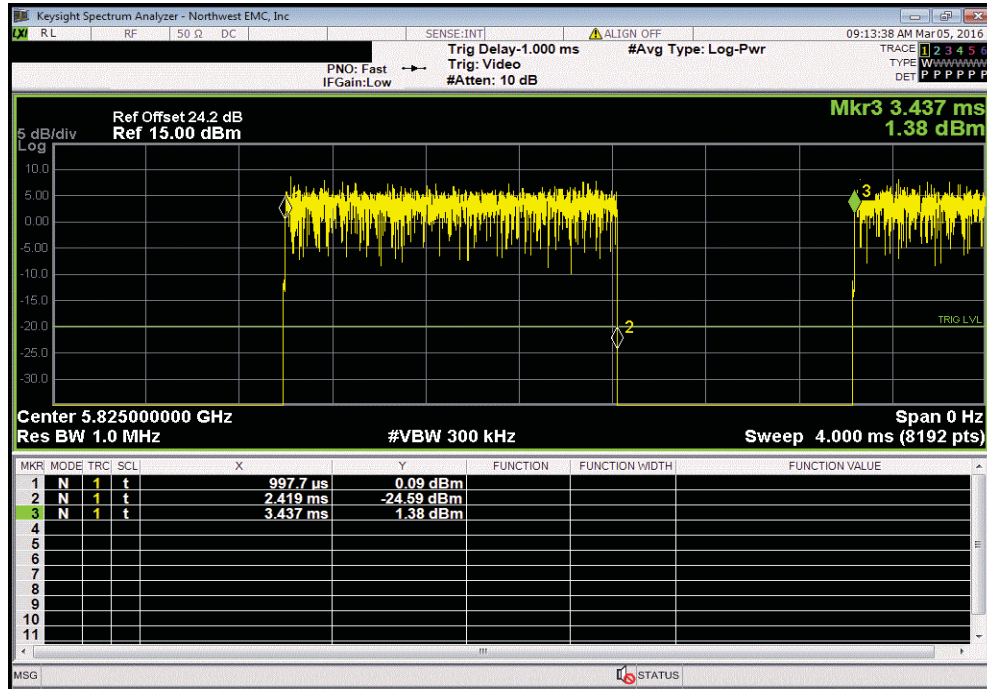
| 5725 - 5785 MHz Band, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                          | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                  | N/A    | 5                | N/A       | N/A       | N/A     |  |



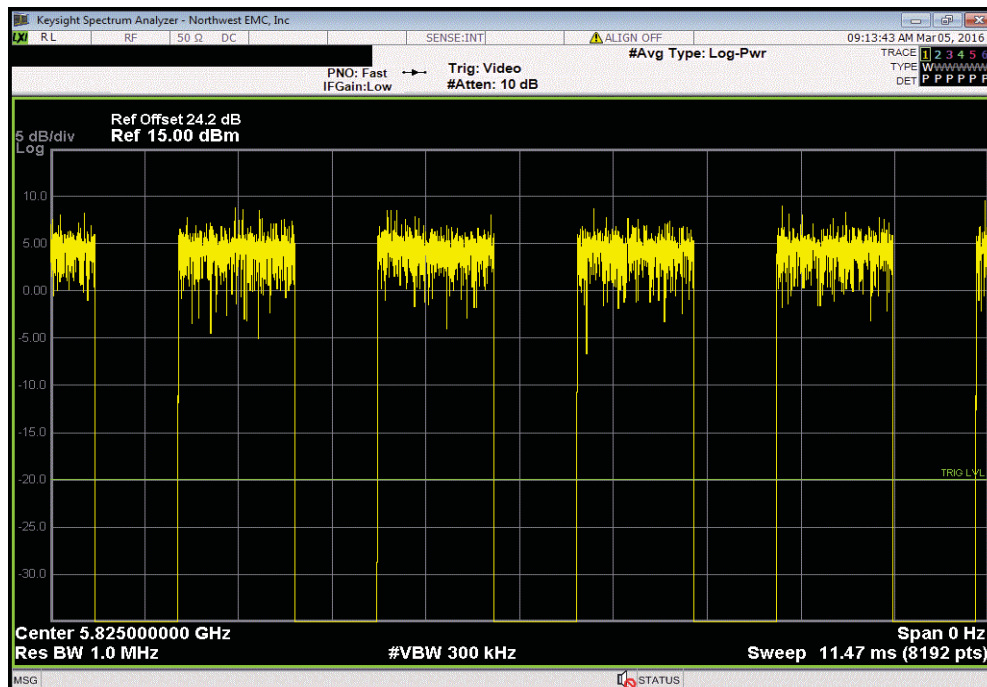


# DUTY CYCLE

| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 6 Mbps |          |                  |           |           |         |  |
|-------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.421 ms                                                                | 2.439 ms | 1                | 58.3      | N/A       | N/A     |  |



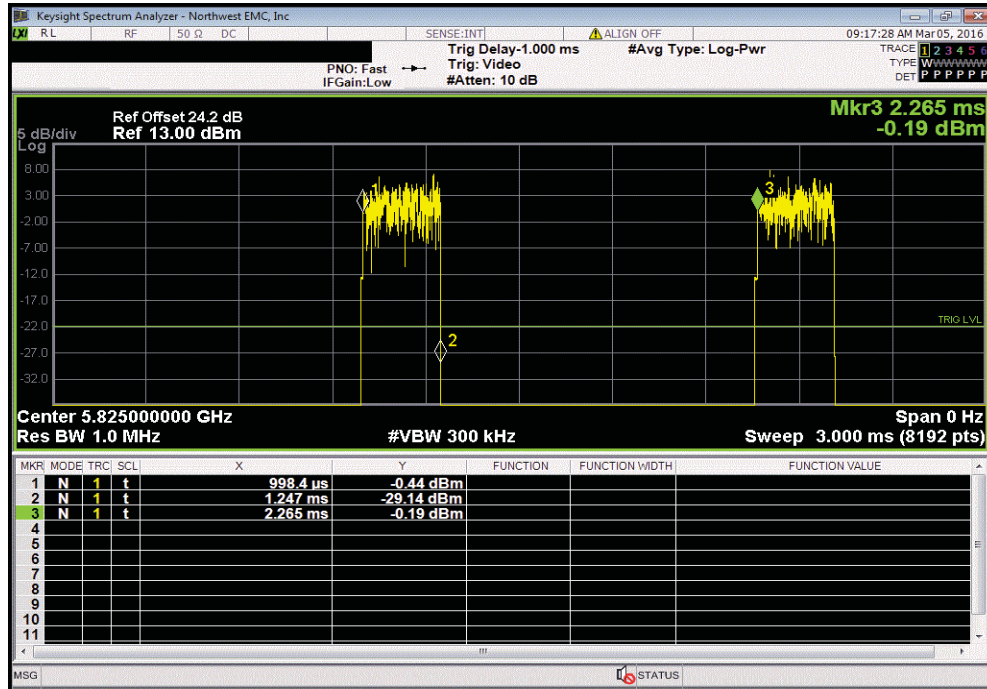
| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 6 Mbps |        |                  |           |           |         |  |
|-------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                             | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                     | N/A    | 6                | N/A       | N/A       | N/A     |  |



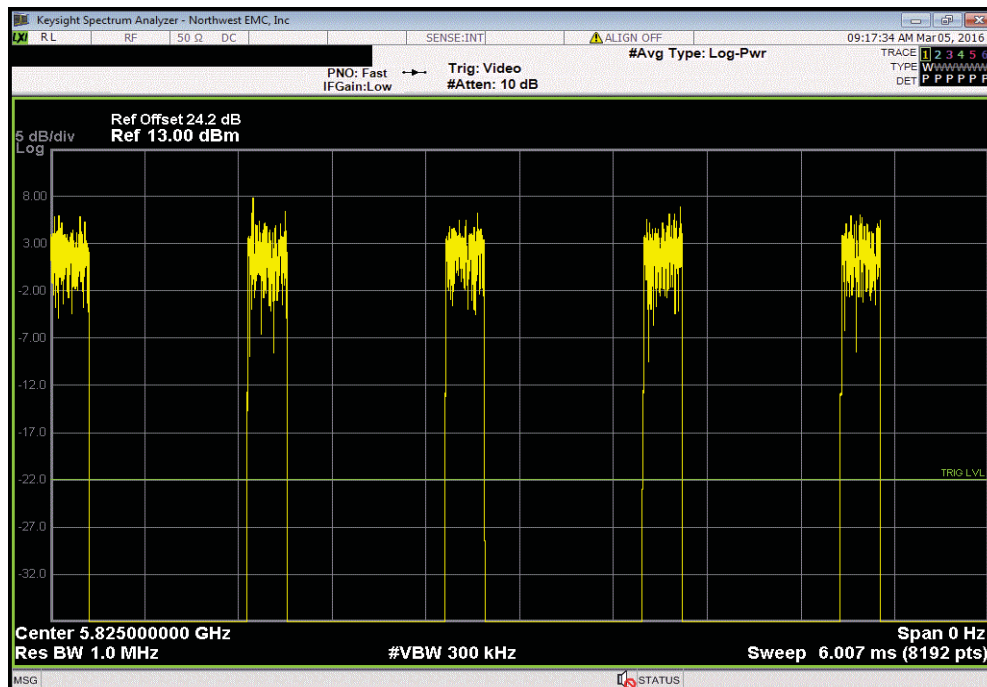


# DUTY CYCLE

| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 36 Mbps |          |                  |           |           |         |  |
|--------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 248.7 us                                                                 | 1.267 ms | 1                | 19.6      | N/A       | N/A     |  |

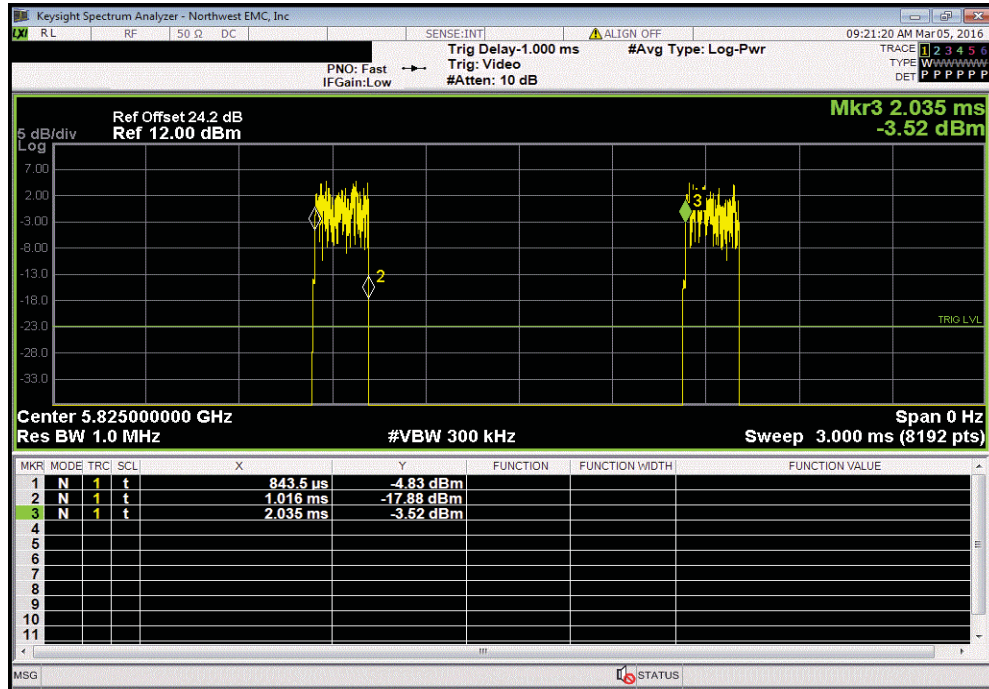


| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 36 Mbps |        |                  |           |           |         |  |
|--------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                      | N/A    | 5                | N/A       | N/A       | N/A     |  |

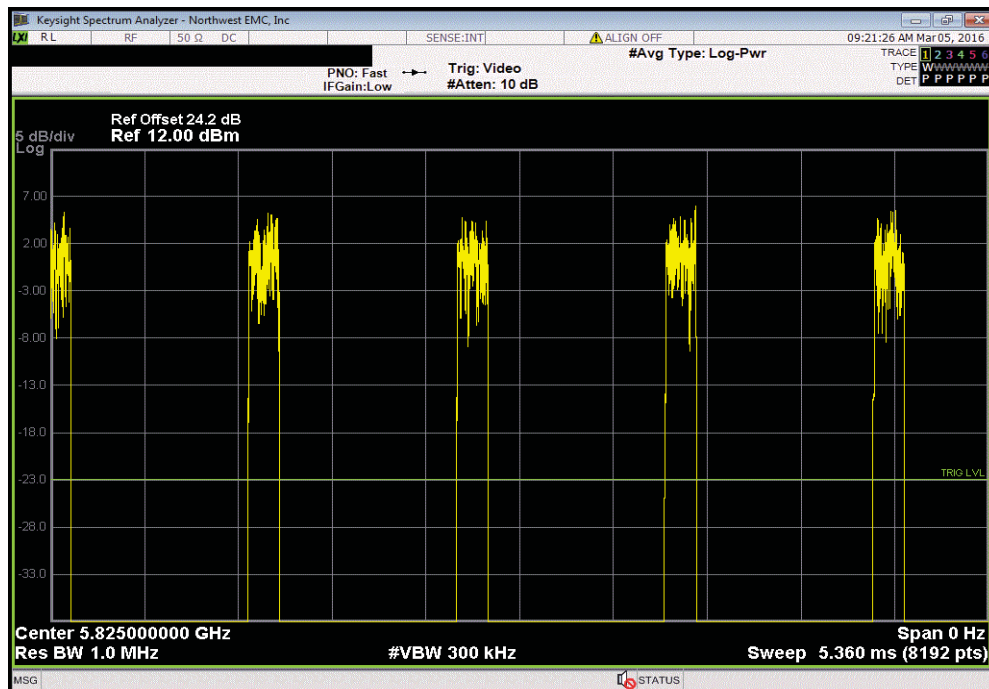


# DUTY CYCLE

| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 54 Mbps |          |                  |           |           |         |  |
|--------------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 172.9 us                                                                 | 1.191 ms | 1                | 14.5      | N/A       | N/A     |  |

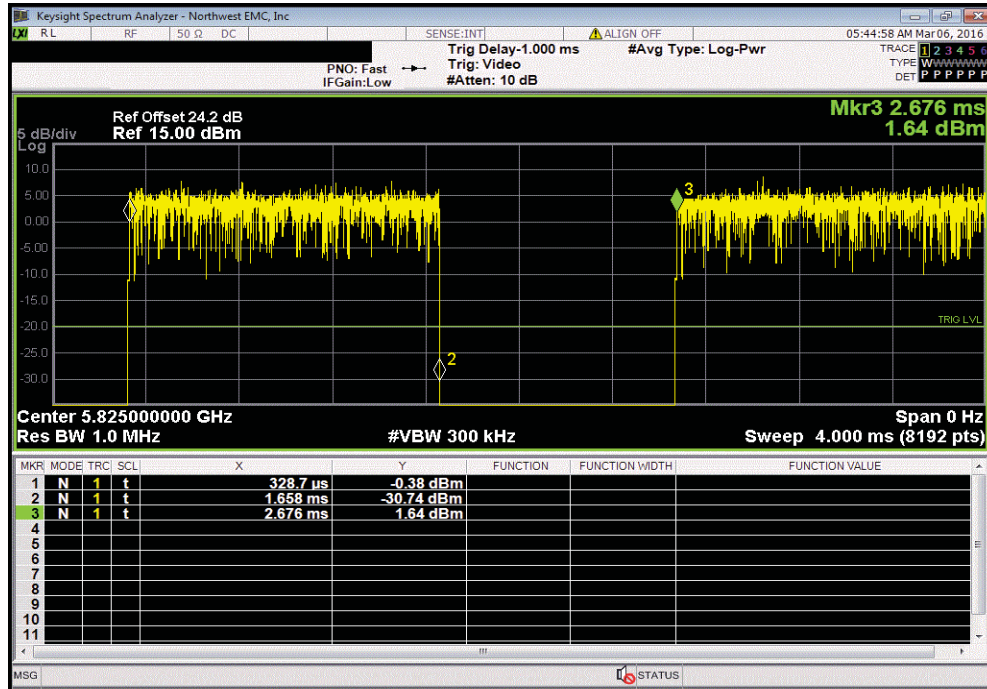


| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(a) 54 Mbps |        |                  |           |           |         |  |
|--------------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                              | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                      | N/A    | 5                | N/A       | N/A       | N/A     |  |

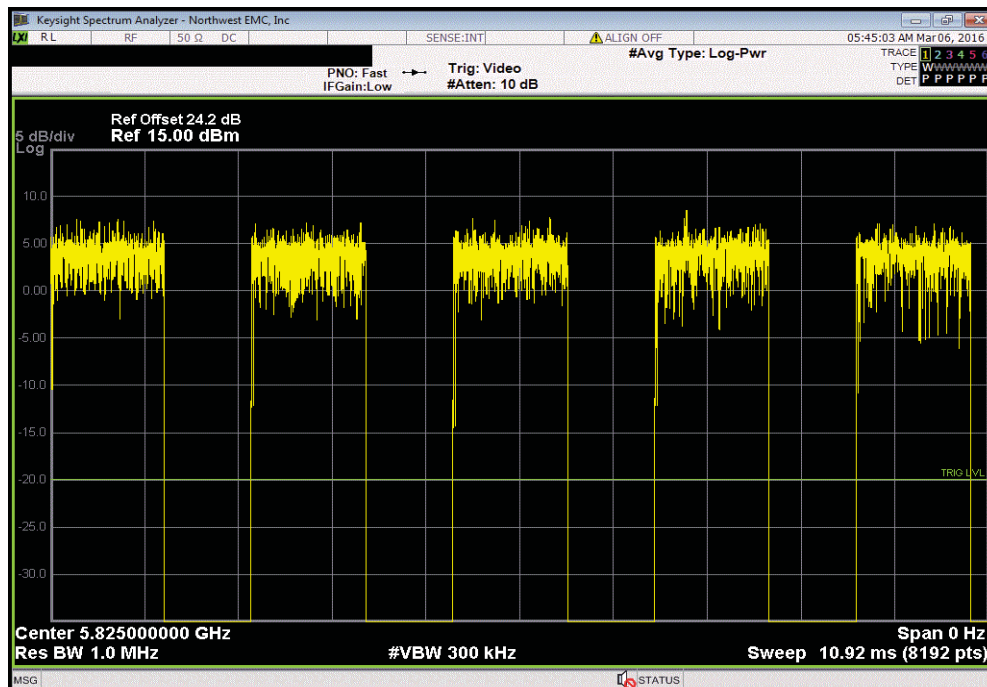


# DUTY CYCLE

| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS0 |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 1.329 ms                                                              | 2.347 ms | 1                | 56.6      | N/A       | N/A     |  |

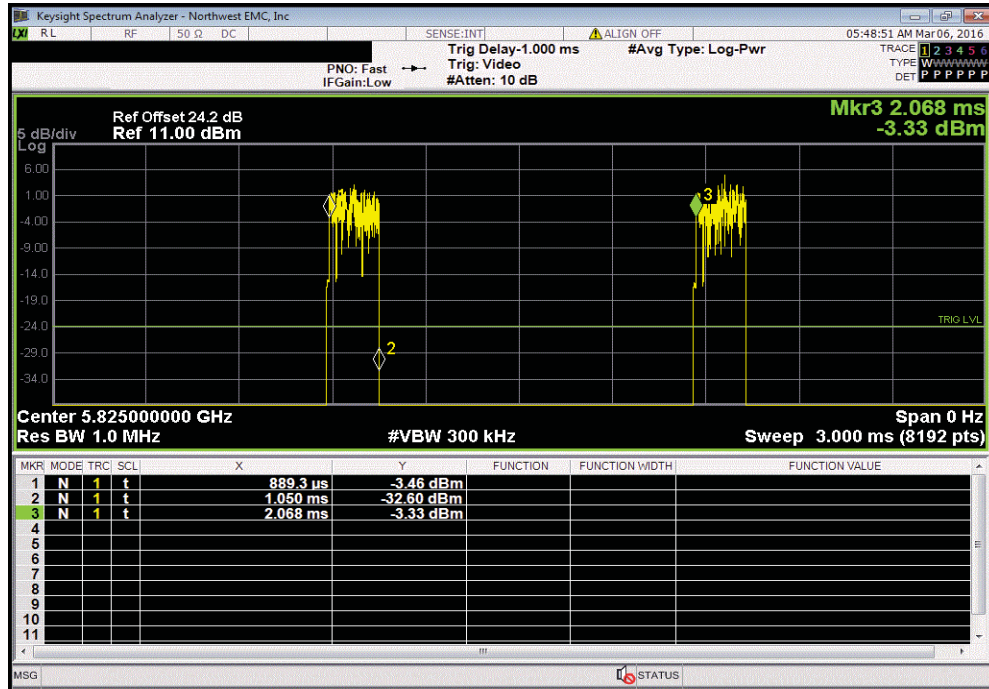


| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS0 |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 5                | N/A       | N/A       | N/A     |  |



# DUTY CYCLE

| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS7 |          |                  |           |           |         |  |
|-----------------------------------------------------------------------|----------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period   | Number of Pulses | Value (%) | Limit (%) | Results |  |
| 160.8 us                                                              | 1.179 ms | 1                | 13.6      | N/A       | N/A     |  |



| 5725 - 5785 MHz Band, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS7 |        |                  |           |           |         |  |
|-----------------------------------------------------------------------|--------|------------------|-----------|-----------|---------|--|
| Pulse Width                                                           | Period | Number of Pulses | Value (%) | Limit (%) | Results |  |
| N/A                                                                   | N/A    | 5                | N/A       | N/A       | N/A     |  |

