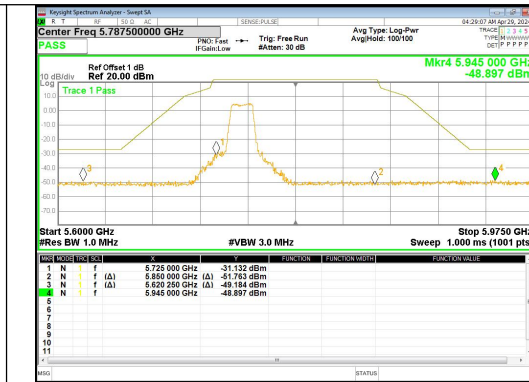
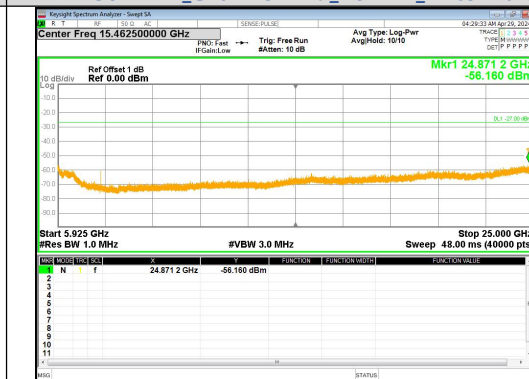




### Out Of Band Emission

#### IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



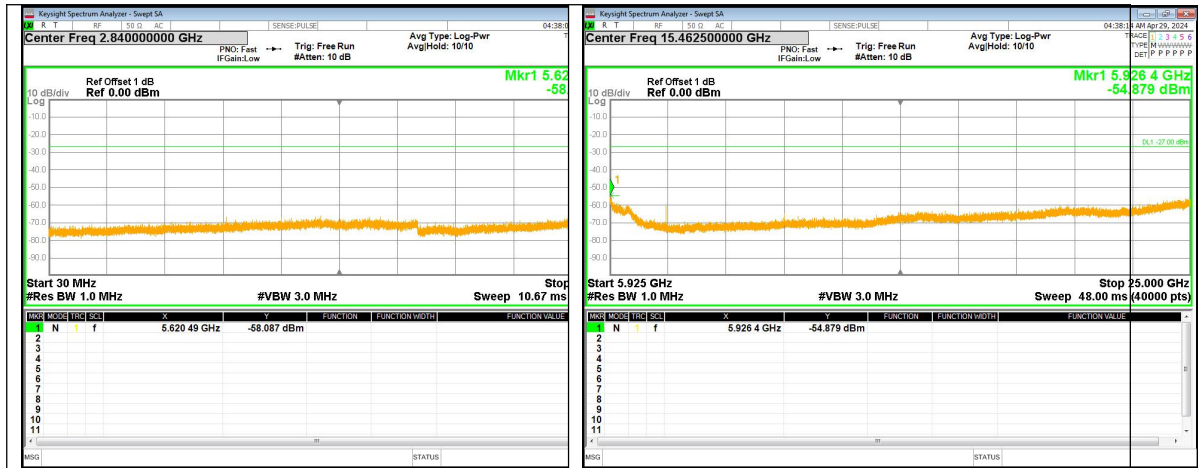
Spurious Emission:5925~25000.0 MHz  
IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0



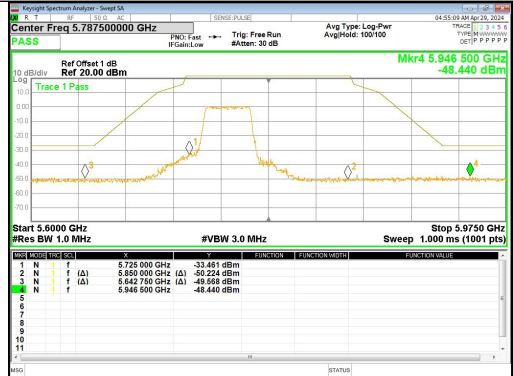
Spurious Emission:30.0~5650 MHz  
IEEE 802.11n Channel 157 20MHz Antenna 0



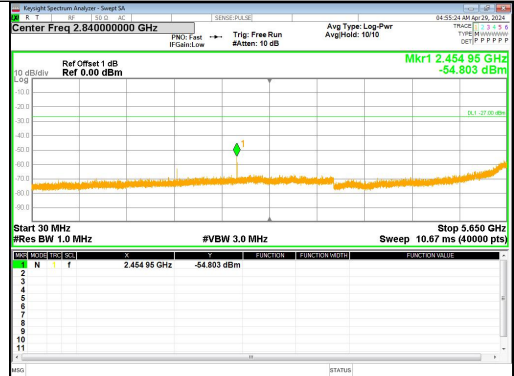
## Out Of Band Emission



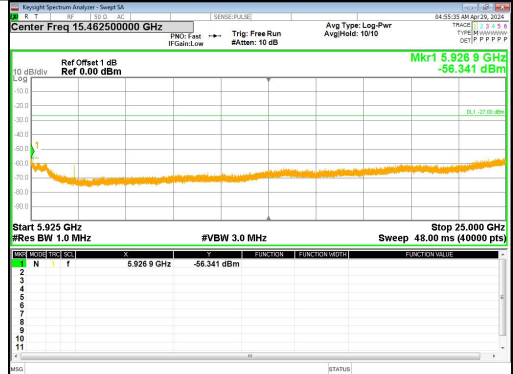
### Spurious Emission:30.0~5650 MHz IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0



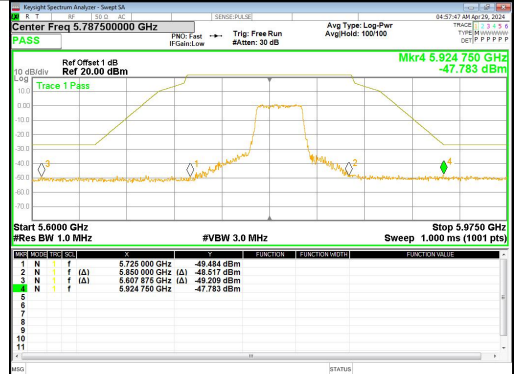
### Spurious Emission:5925~25000.0 MHz IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0



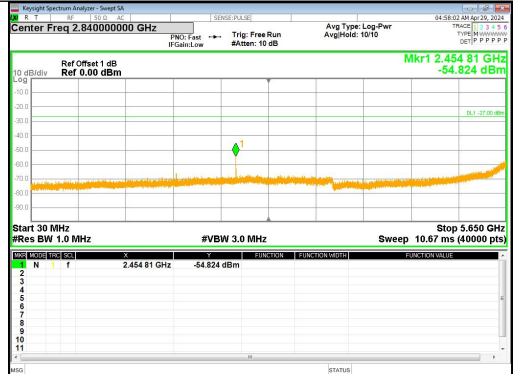
### Out Of Band Emission IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



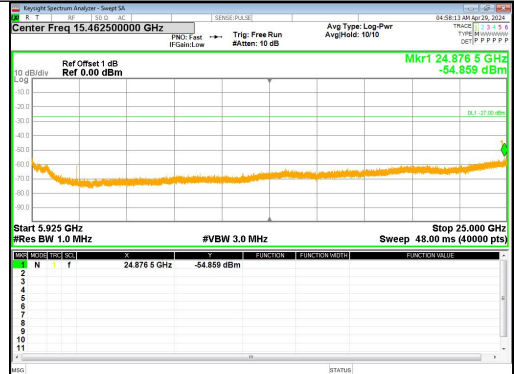
### Spurious Emission:30.0~5650 MHz IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



### Spurious Emission:5925~25000.0 MHz IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0

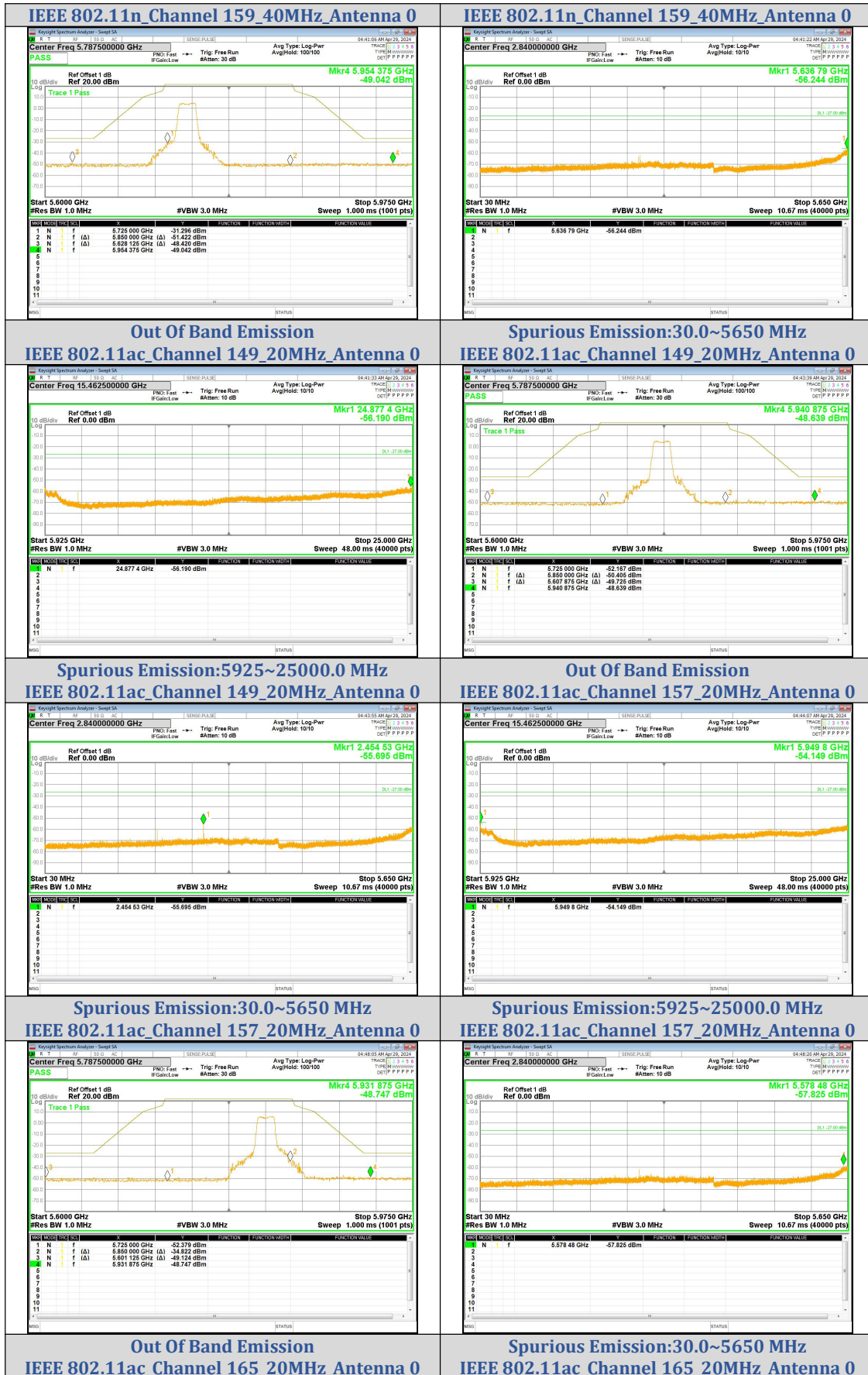


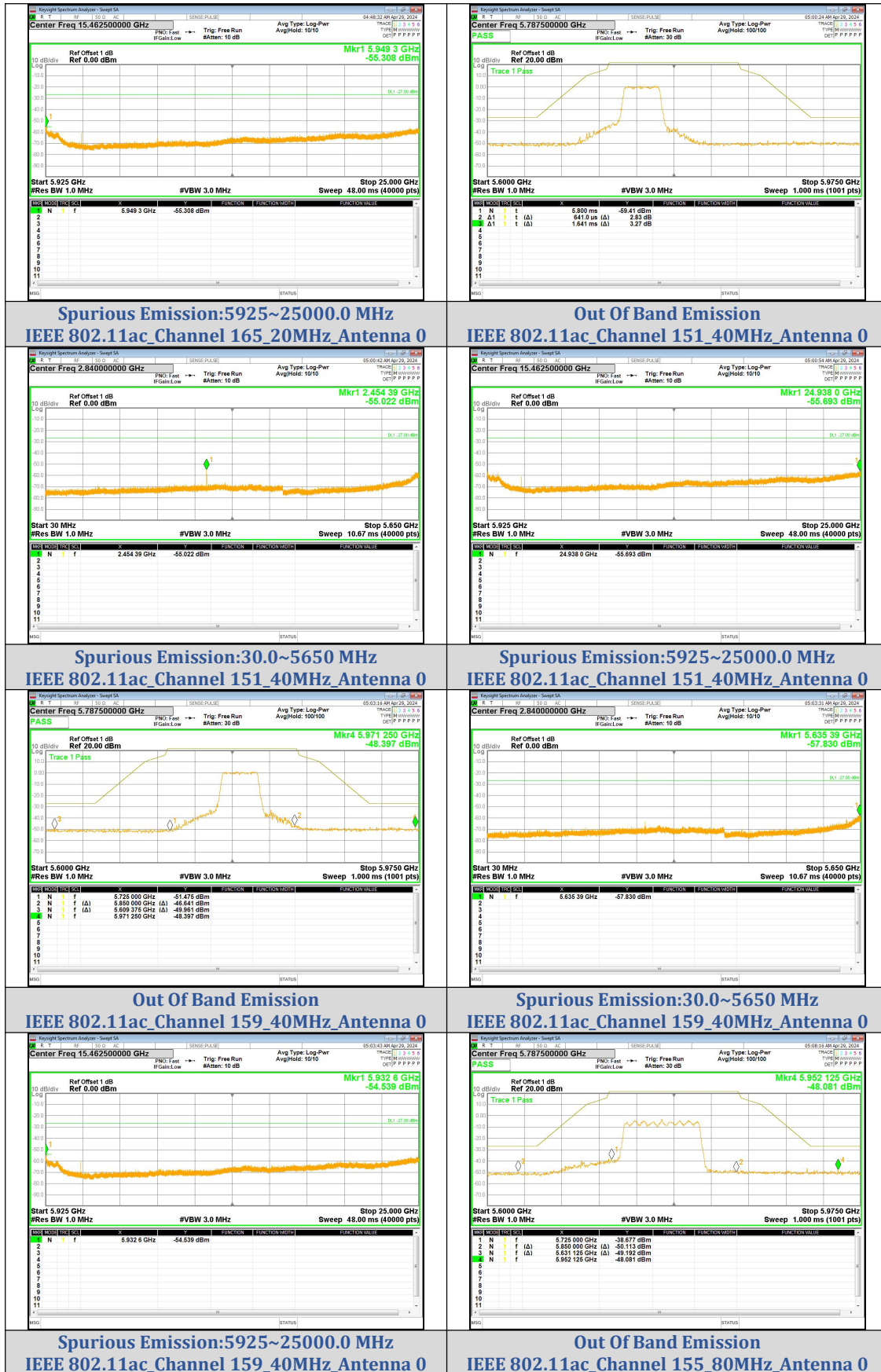
### Out Of Band Emission IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0

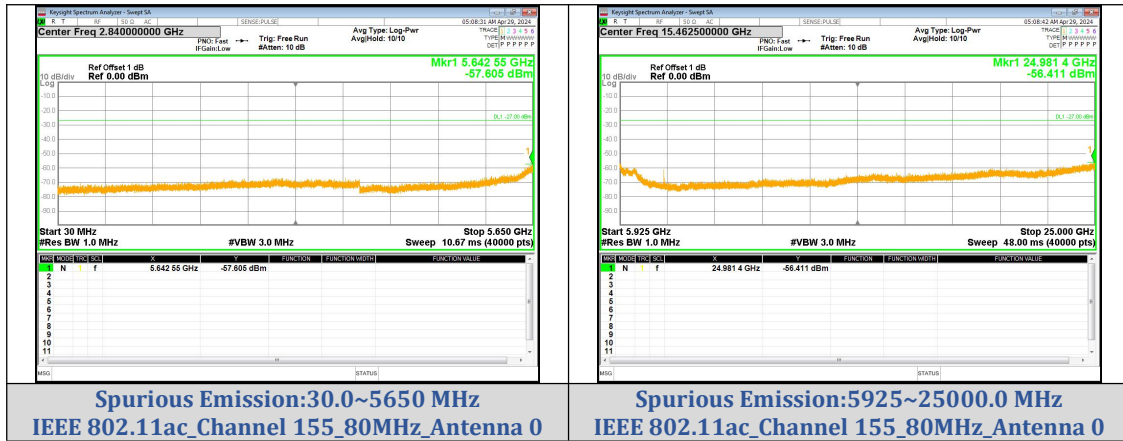


### Spurious Emission:30.0~5650 MHz

### Spurious Emission:5925~25000.0 MHz





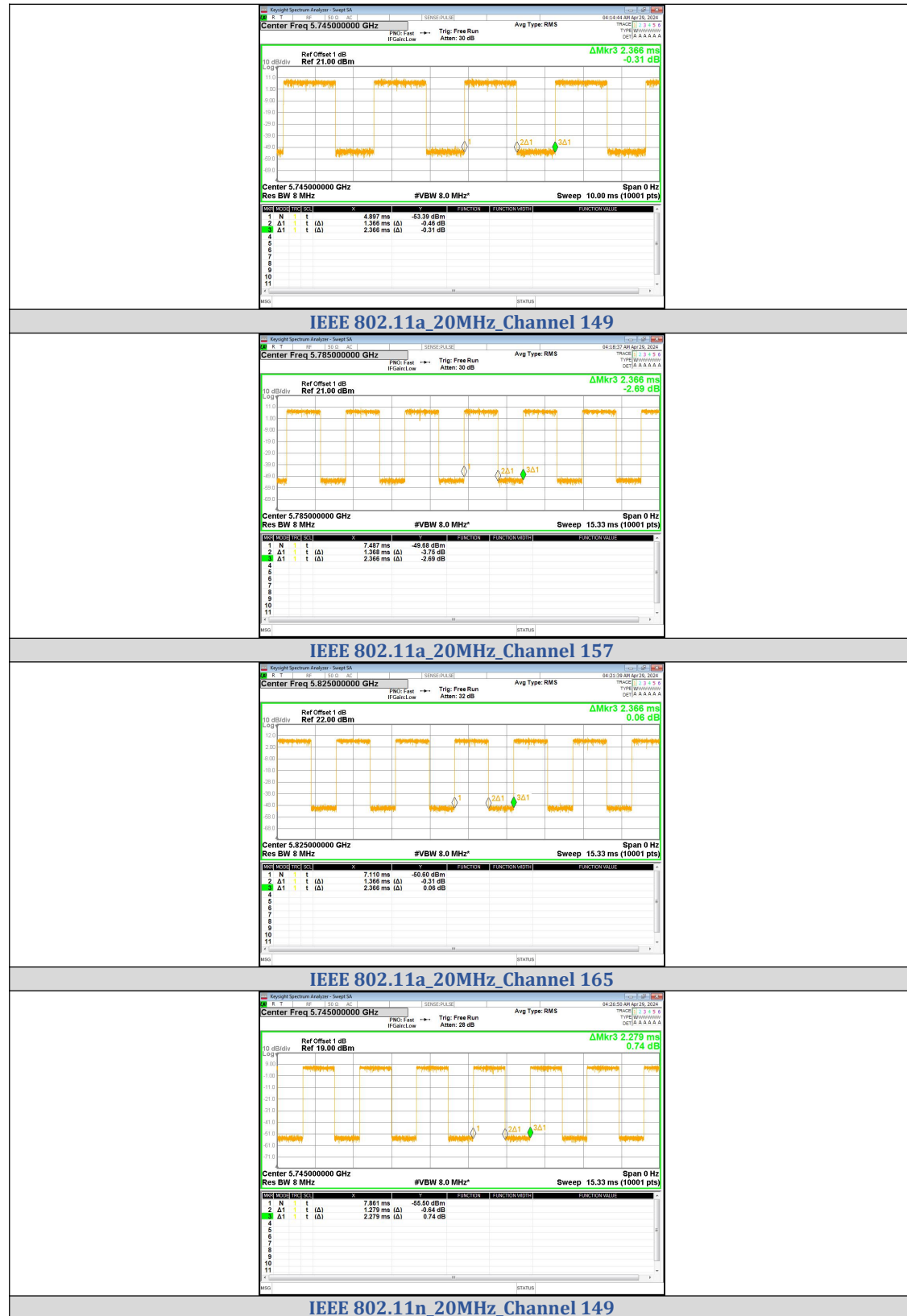


## Duty Cycle

### Test Result

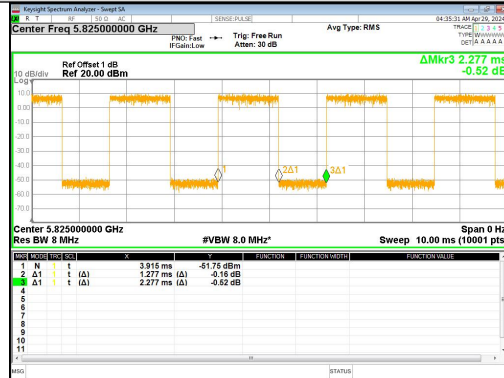
| Mode             | Data rates | Channel | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) |
|------------------|------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|
| IEEE 802.11a     | 6          | 149     | 1       | 1.366        | 2.366       | 57.73          | 0.5773              | 2.386                  |
|                  |            | 157     |         | 1.368        | 2.366       | 57.81          | 0.5781              | 2.38                   |
|                  |            | 165     |         | 1.366        | 2.366       | 57.74          | 0.5774              | 2.3852                 |
| IEEE 802.11n_20  | 149        | 1.279   |         | 2.279        | 56.12       | 0.5612         | 2.5088              |                        |
|                  | 157        | 1.278   |         | 2.278        | 56.10       | 0.5610         | 2.5104              |                        |
|                  | 165        | 1.277   |         | 2.277        | 56.08       | 0.5608         | 2.5119              |                        |
| IEEE 802.11n_40  | 151        | 0.638   |         | 1.638        | 38.95       | 0.3895         | 4.0949              |                        |
|                  | 159        | 0.637   |         | 1.637        | 38.91       | 0.3891         | 4.0994              |                        |
| IEEE 802.11ac_20 | MCS 0      | 149     |         | 1.282        | 2.282       | 56.18          | 0.5618              | 2.5042                 |
|                  |            | 157     |         | 1.282        | 2.282       | 56.18          | 0.5618              | 2.5042                 |
|                  |            | 165     |         | 1.282        | 2.282       | 56.18          | 0.5618              | 2.5042                 |
| IEEE 802.11ac_40 |            | 151     |         | 0.641        | 1.641       | 39.06          | 0.3906              | 4.0827                 |
|                  |            | 159     |         | 0.642        | 1.642       | 39.10          | 0.3910              | 4.0782                 |
| IEEE 802.11ac_80 |            | 155     |         | 0.320        | 1.321       | 24.26          | 0.2426              | 6.1511                 |

## Test Graphs





IEEE 802.11n\_20MHz\_Channel 157



IEEE 802.11n\_20MHz\_Channel 165



IEEE 802.11n\_40MHz\_Channel 151



IEEE 802.11n\_40MHz\_Channel 159