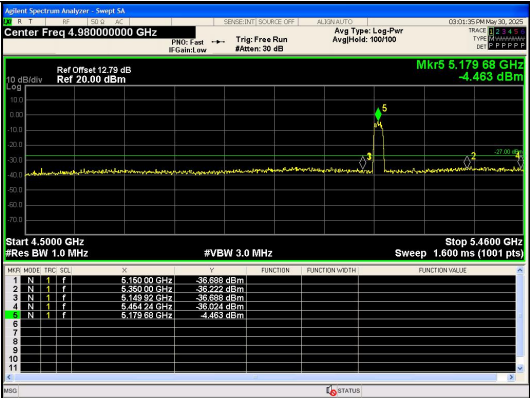
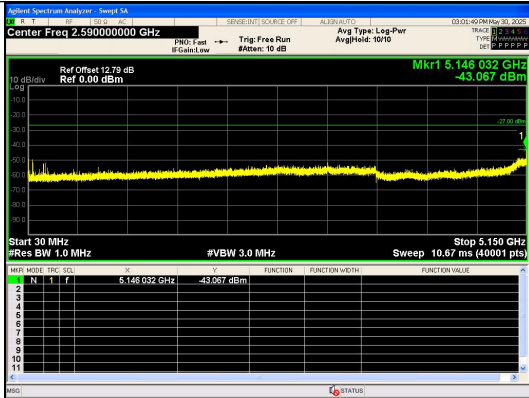




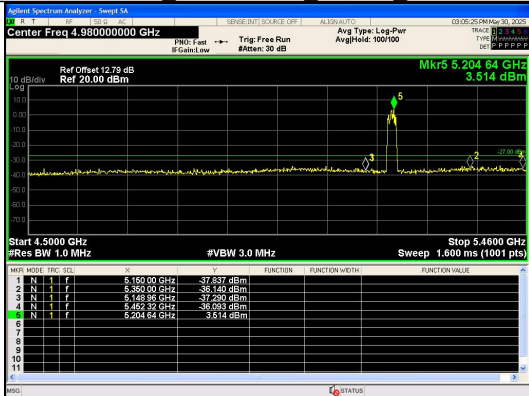
Out Of Band Emission  
IEEE 802.11a Channel 36 20MHz Antenna 0



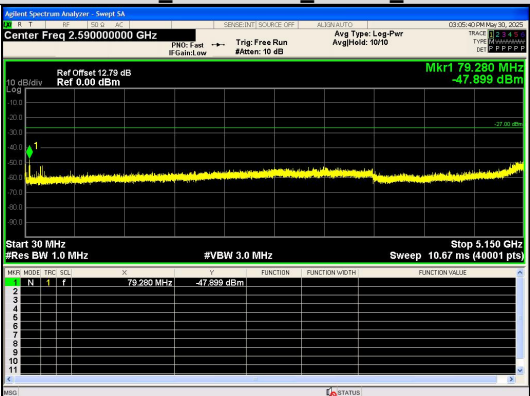
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a Channel 36 20MHz Antenna 0



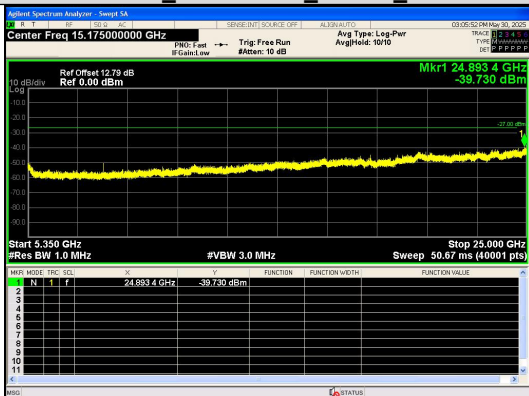
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a Channel 36 20MHz Antenna 0



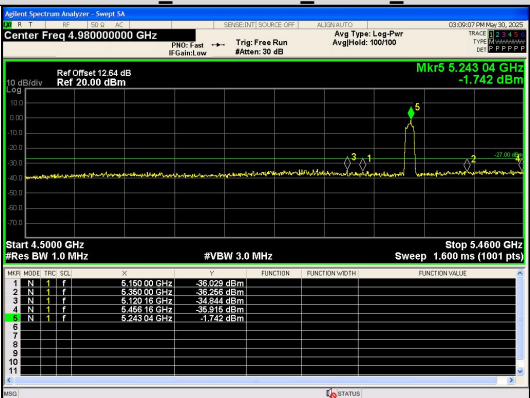
Out Of Band Emission  
IEEE 802.11a Channel 40 20MHz Antenna 0



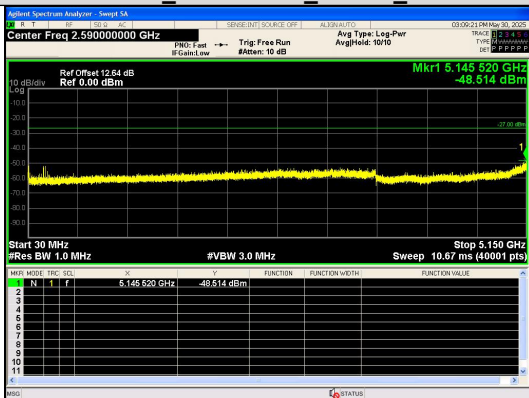
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a Channel 40 20MHz Antenna 0



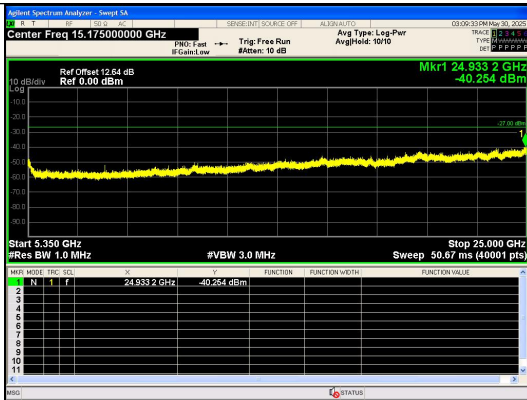
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a Channel 40 20MHz Antenna 0



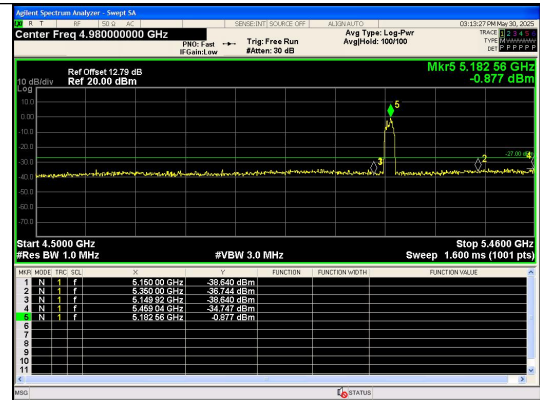
Out Of Band Emission  
IEEE 802.11a Channel 48 20MHz Antenna 0



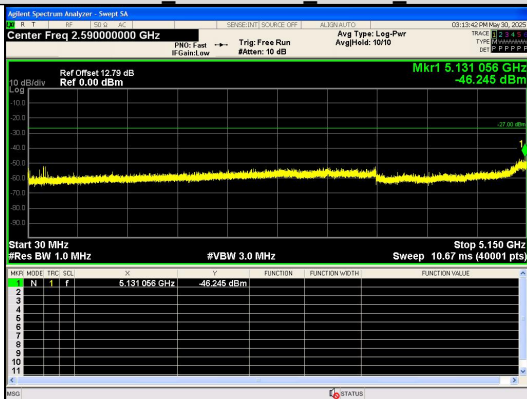
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a Channel 48 20MHz Antenna 0



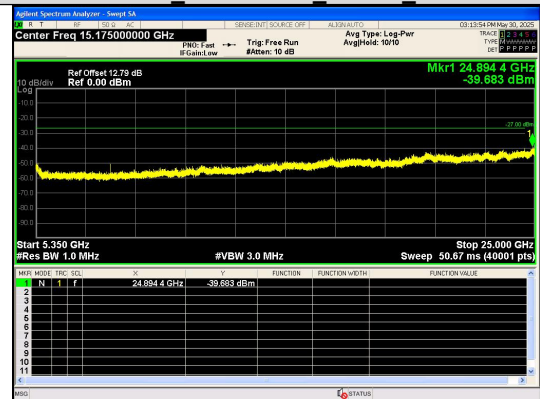
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a Channel 48 20MHz Antenna 0



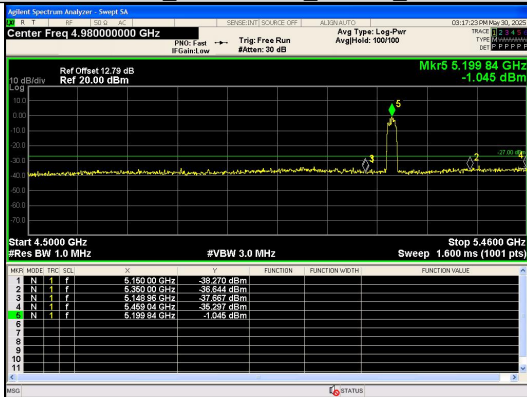
Out Of Band Emission  
IEEE 802.11n Channel 36 20MHz Antenna 0



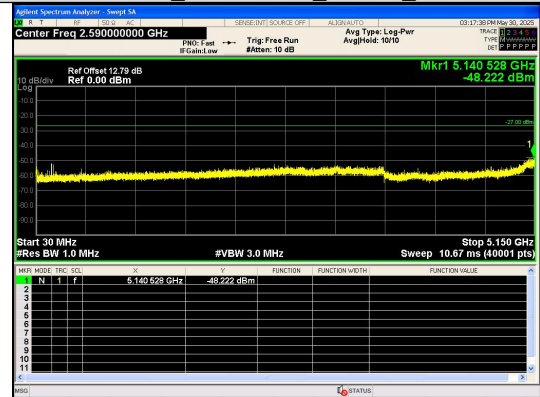
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n Channel 36 20MHz Antenna 0



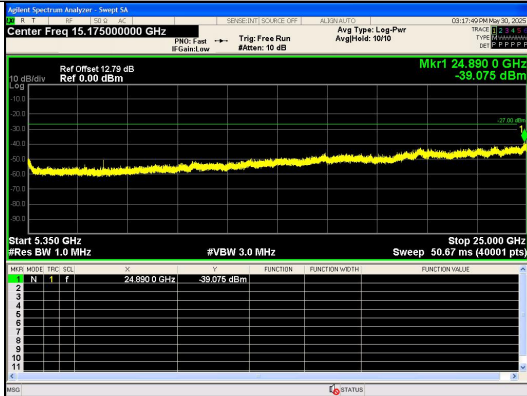
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n Channel 36 20MHz Antenna 0



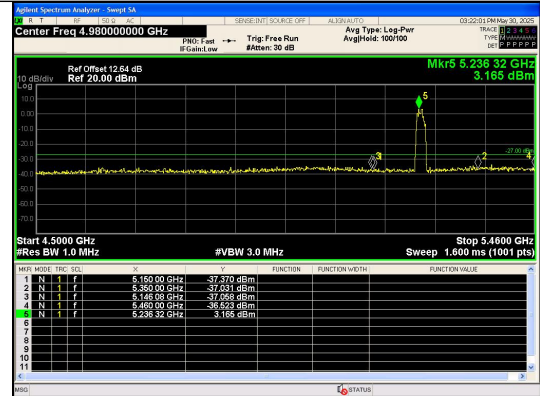
Out Of Band Emission  
IEEE 802.11n Channel 40 20MHz Antenna 0



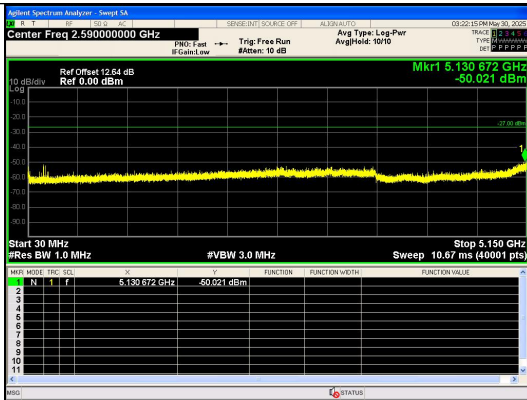
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n Channel 40 20MHz Antenna 0



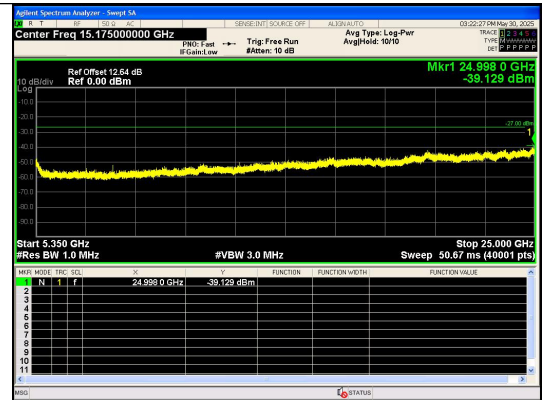
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n Channel 40 20MHz Antenna 0



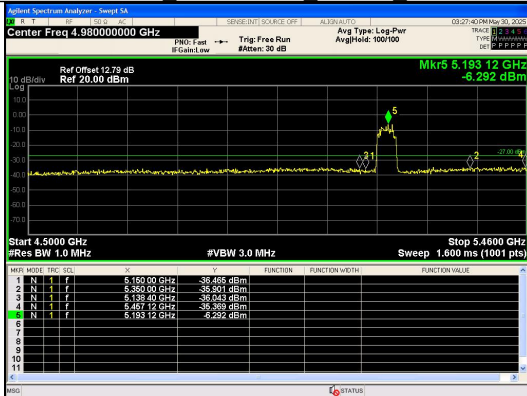
Out Of Band Emission  
IEEE 802.11n Channel 48 20MHz Antenna 0



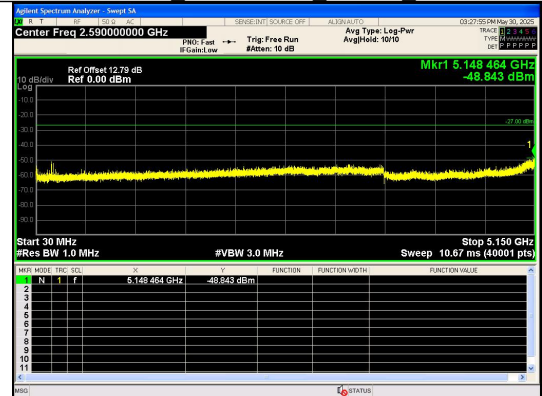
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0



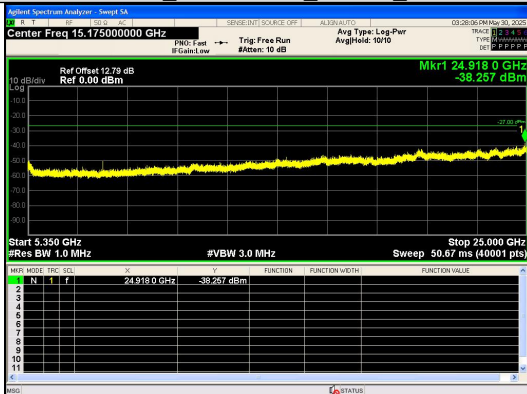
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0



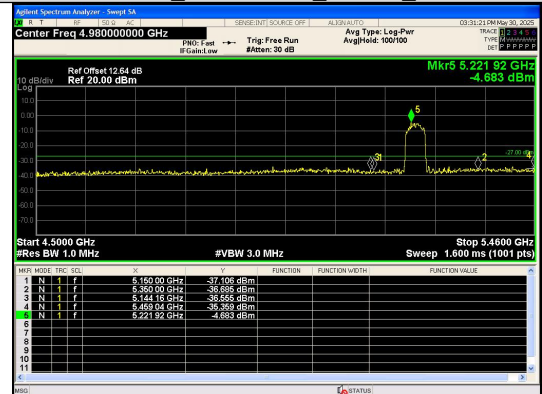
Out Of Band Emission  
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



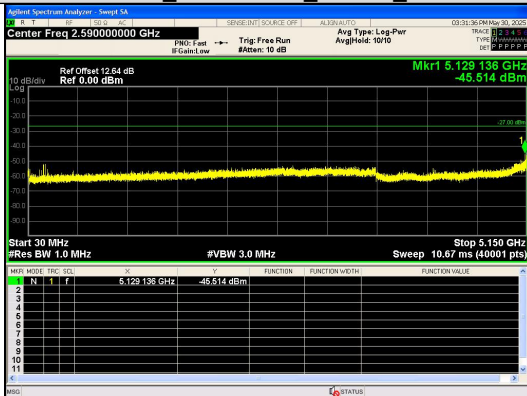
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



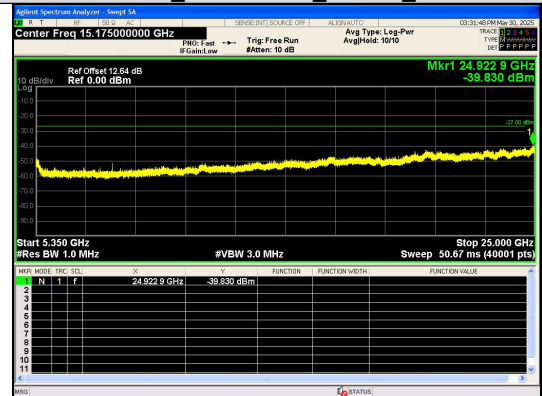
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0



Out Of Band Emission  
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0



Spurious Emission:30.0~5150 MHz  
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0

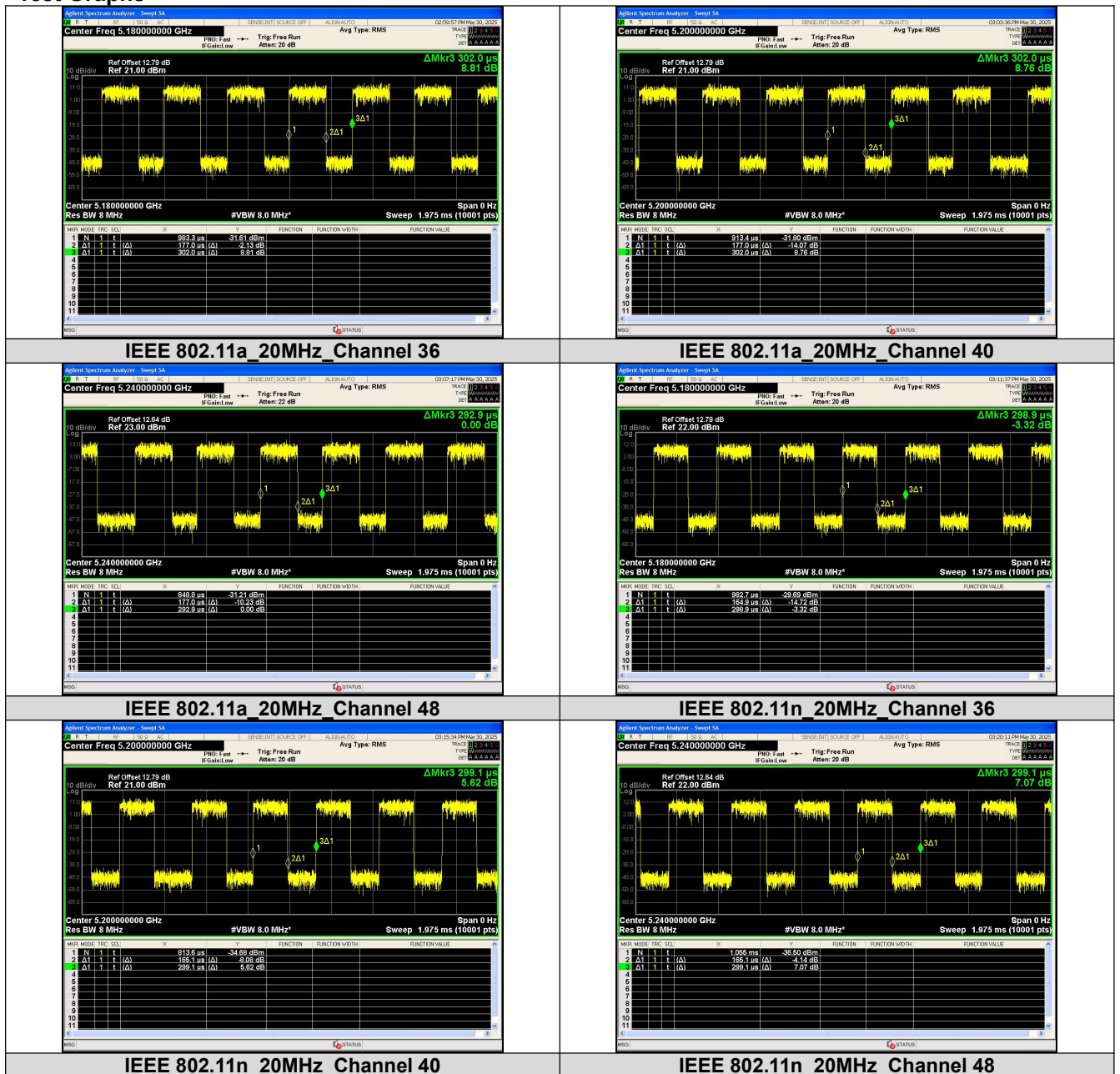


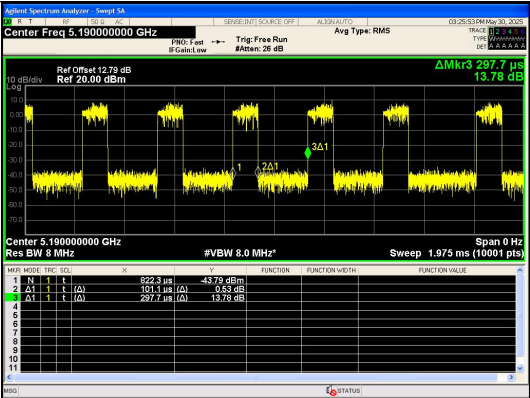
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0

## APPENDIX VII. Duty Cycle Test Result

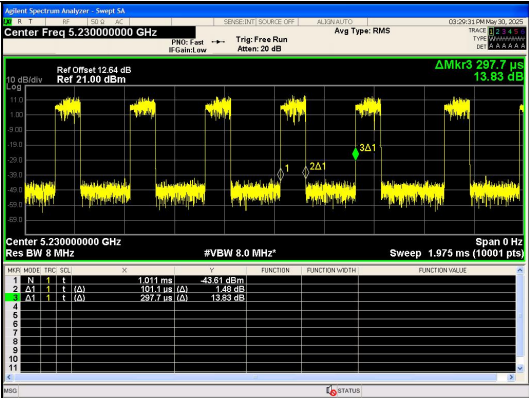
| Mode            | Data rates | Channel | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T    |
|-----------------|------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|--------|
| IEEE 802.11a    | 54         | 36      | 1       | 0.177        | 0.302       | 58.60          | 0.5860              | 2.321                  | 5.6497 |
|                 |            | 40      |         | 0.177        | 0.302       | 58.60          | 0.5860              | 2.321                  | 5.6497 |
|                 |            | 48      |         | 0.177        | 0.293       | 60.42          | 0.6042              | 2.1882                 | 5.6497 |
| IEEE 802.11n_20 | MCS 7      | 36      |         | 0.165        | 0.299       | 55.19          | 0.5519              | 2.5814                 | 6.0606 |
|                 |            | 40      |         | 0.165        | 0.299       | 55.22          | 0.5522              | 2.579                  | 6.0606 |
|                 |            | 48      |         | 0.165        | 0.299       | 55.22          | 0.5522              | 2.579                  | 6.0606 |
| IEEE 802.11n_40 |            | 38      |         | 0.101        | 0.298       | 33.97          | 0.3397              | 4.689                  | 9.9010 |
|                 |            | 46      |         | 0.101        | 0.298       | 33.97          | 0.3397              | 4.689                  | 9.9010 |

### Test Graphs





IEEE 802.11n\_40MHz\_Channel 38



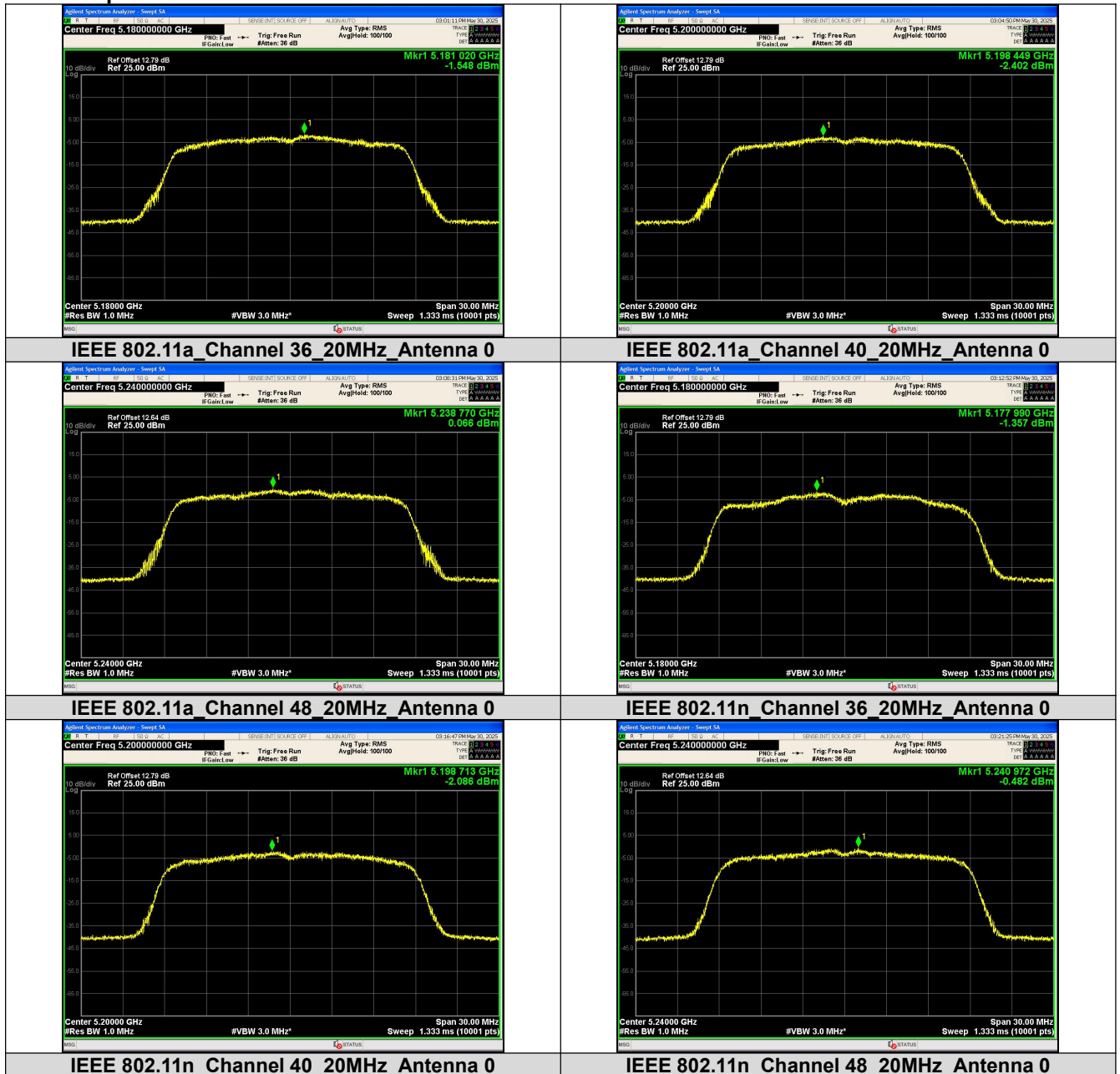
IEEE 802.11n\_40MHz\_Channel 46

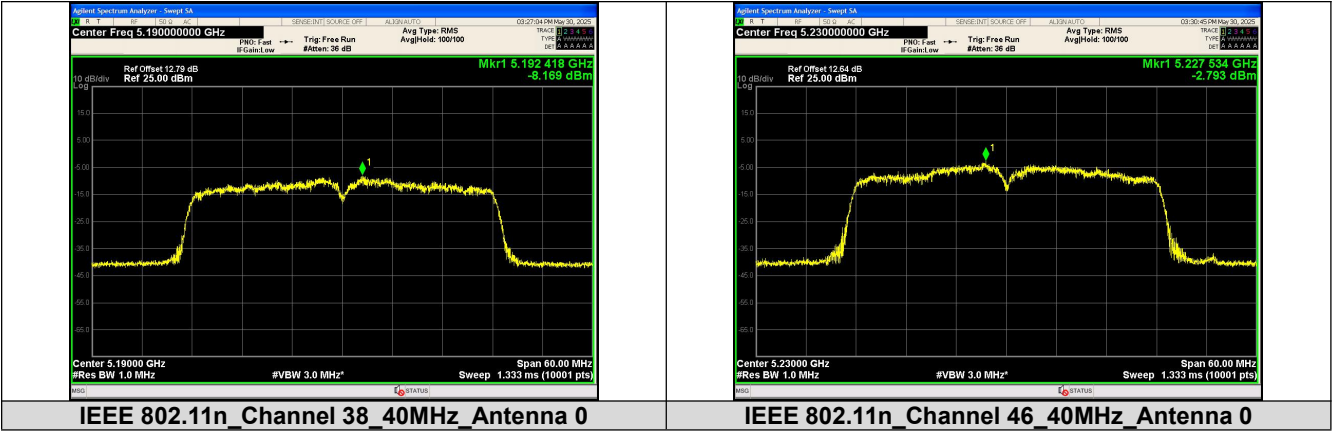
## APPENDIX VIII. Peak Power Spectral Density

### Test Result

| Mode            | Channel | Ant. 0<br>Meas PSD<br>(dBm/MHz or<br>dBm/0.5MHz) | Ant. 0<br>Corr'd PSD<br>(dBm/MHz or<br>dBm/0.5MHz) | Limit<br>(dBm/MHz or<br>dBm/0.5MHz) | Result |
|-----------------|---------|--------------------------------------------------|----------------------------------------------------|-------------------------------------|--------|
| IEEE 802.11a    | 36      | -1.548                                           | 0.64                                               | 11                                  | PASS   |
|                 | 40      | -2.402                                           | -0.214                                             |                                     | PASS   |
|                 | 48      | 0.066                                            | 2.254                                              |                                     | PASS   |
| IEEE 802.11n_20 | 36      | -1.357                                           | 1.222                                              |                                     | PASS   |
|                 | 40      | -2.086                                           | 0.493                                              |                                     | PASS   |
|                 | 48      | -0.482                                           | 2.097                                              |                                     | PASS   |
| IEEE 802.11n_40 | 38      | -8.169                                           | -3.48                                              |                                     | PASS   |
|                 | 46      | -2.793                                           | 1.896                                              |                                     | PASS   |

### Test Graphs





\*\*\*\*\* End of Report \*\*\*\*\*