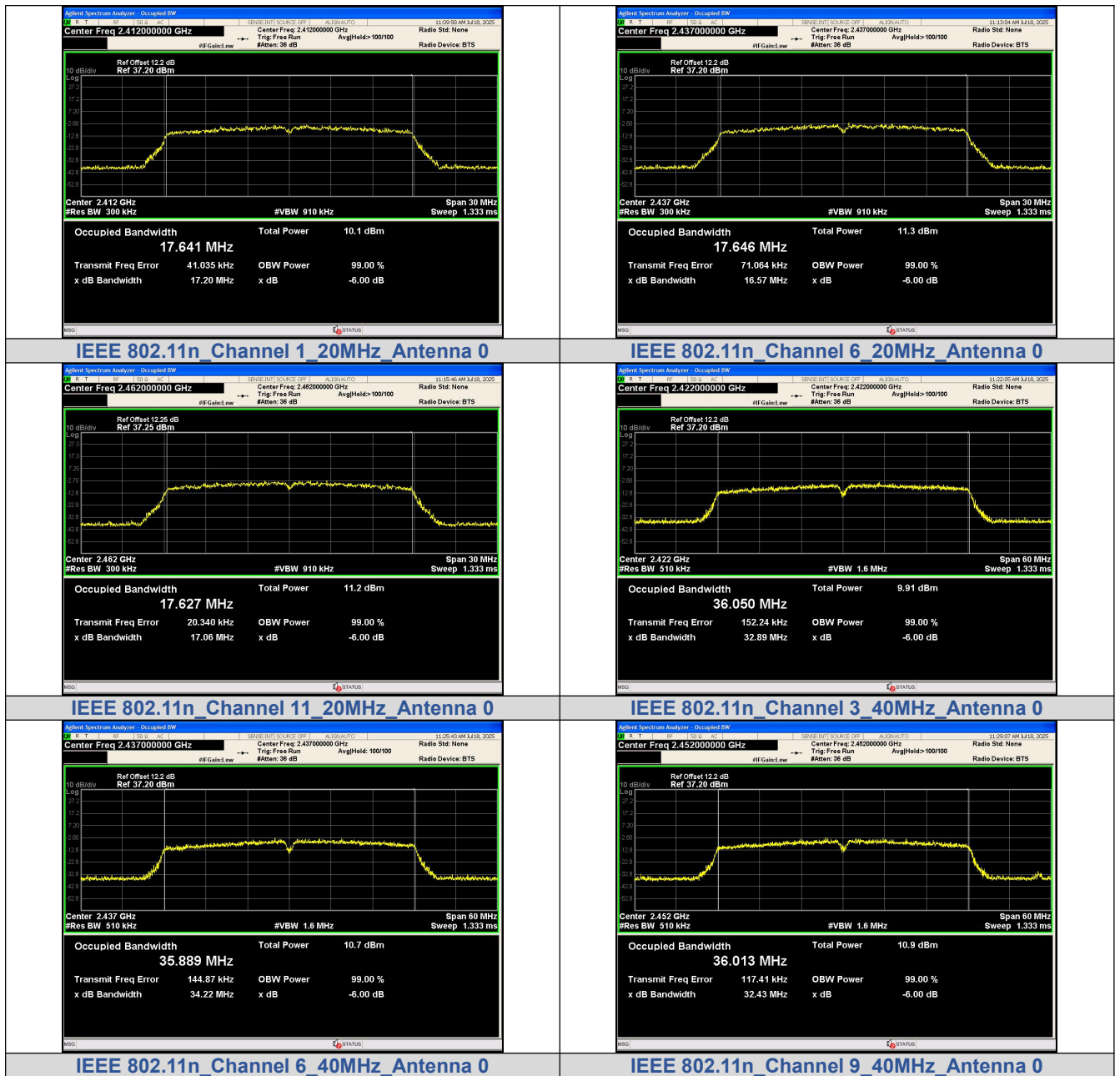
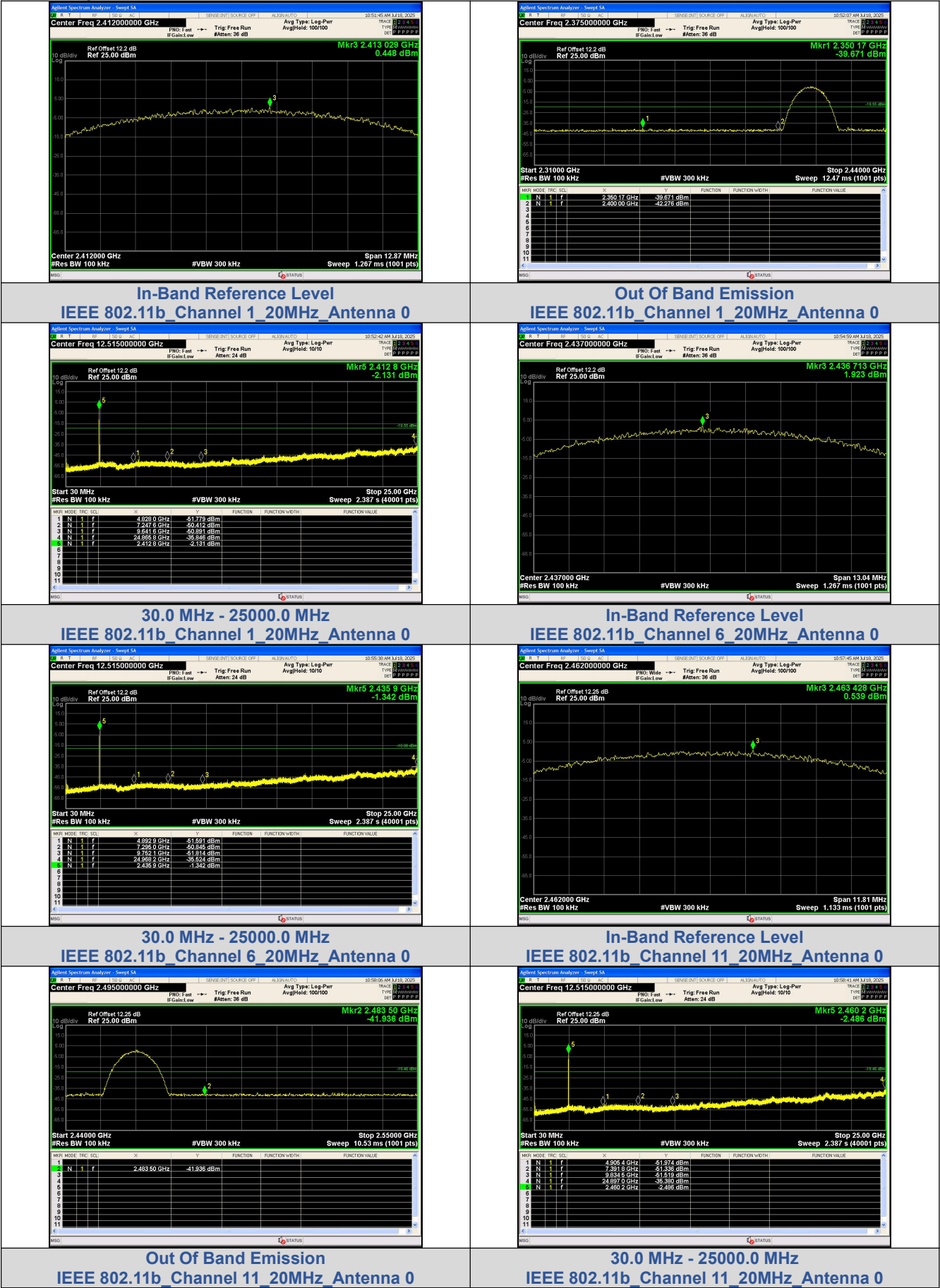


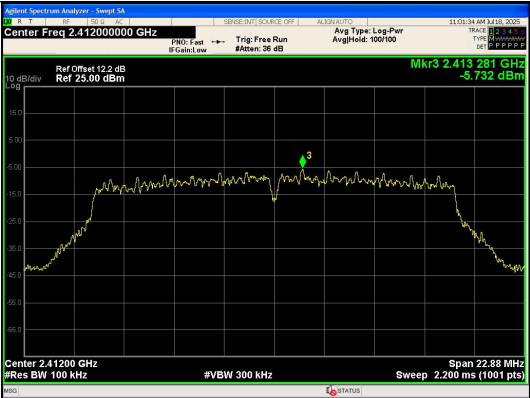


**APPENDIX IV. Conducted Out Of Band Emission****Test Result**

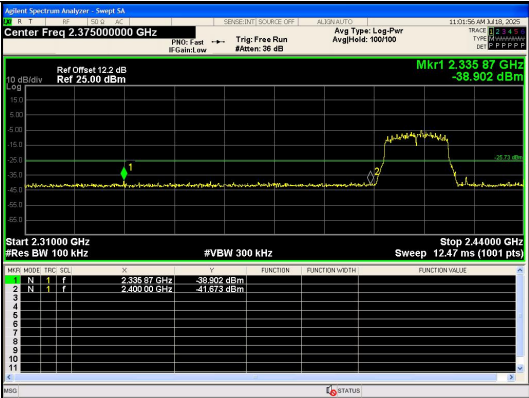
| Mode               | Channel | Ant. | OOB<br>Emission<br>Frequency<br>(MHz) | OOB<br>Emission<br>Level<br>(dBm) | Limit<br>(dBm) | Over Limit<br>(dB) | Result  |
|--------------------|---------|------|---------------------------------------|-----------------------------------|----------------|--------------------|---------|
| IEEE<br>802.11b    | 1       | 0    | 2350.17                               | -39.671                           | -19.55         | -20.121            | PASS    |
|                    |         |      | 2400.00                               | -42.276                           | -19.55         | -22.726            | PASS    |
|                    |         |      | 4828.00                               | -51.779                           | -19.55         | -32.229            | PASS    |
|                    |         |      | 7247.60                               | -50.412                           | -19.55         | -30.862            | PASS    |
|                    |         |      | 9641.60                               | -50.891                           | -19.55         | -31.341            | PASS    |
|                    | 24865.8 |      | -35.846                               | -19.55                            | -16.296        | PASS               |         |
|                    | 6       |      | 4892.91                               | -51.591                           | -18.08         | -33.511            | PASS    |
|                    |         |      | 7295.02                               | -50.845                           | -18.08         | -32.765            | PASS    |
|                    |         |      | 9752.07                               | -51.814                           | -18.08         | -33.734            | PASS    |
|                    |         |      | 24968.2                               | -35.524                           | -18.08         | -17.444            | PASS    |
|                    |         |      | 11                                    | 2483.50                           | -41.936        | -19.46             | -22.476 |
|                    | 4905.39 |      |                                       | -51.974                           | -19.46         | -32.514            | PASS    |
|                    | 7391.78 |      |                                       | -51.336                           | -19.46         | -31.876            | PASS    |
|                    | 9834.47 |      |                                       | -51.519                           | -19.46         | -32.059            | PASS    |
|                    | 24897.0 |      |                                       | -35.380                           | -19.46         | -15.920            | PASS    |
| IEEE<br>802.11g    | 1       |      | 2335.87                               | -38.902                           | -25.73         | -13.172            | PASS    |
|                    |         |      | 2400.00                               | -41.673                           | -25.73         | -15.943            | PASS    |
|                    |         |      | 4834.20                               | -52.351                           | -25.73         | -26.621            | PASS    |
|                    |         |      | 7228.90                               | -50.263                           | -25.73         | -24.533            | PASS    |
|                    |         |      | 9655.30                               | -51.049                           | -25.73         | -25.319            | PASS    |
|                    | 6       |      | 24965.7                               | -34.607                           | -25.73         | -8.877             | PASS    |
|                    |         |      | 4870.43                               | -51.527                           | -23.86         | -27.667            | PASS    |
|                    |         |      | 7315.62                               | -51.691                           | -23.86         | -27.831            | PASS    |
|                    |         |      | 9766.43                               | -51.945                           | -23.86         | -28.085            | PASS    |
|                    |         |      | 24952.6                               | -35.002                           | -23.86         | -11.142            | PASS    |
|                    | 11      |      | 2483.50                               | -42.490                           | -23.89         | -18.600            | PASS    |
|                    |         |      | 4914.76                               | -51.698                           | -23.89         | -27.808            | PASS    |
|                    |         |      | 7377.42                               | -50.603                           | -23.89         | -26.713            | PASS    |
|                    |         |      | 9828.23                               | -51.072                           | -23.89         | -27.182            | PASS    |
|                    |         |      | 24928.2                               | -35.604                           | -23.89         | -11.714            | PASS    |
| IEEE<br>802.11n_20 | 1       |      | 2349.39                               | -39.017                           | -25.79         | -13.227            | PASS    |
|                    |         |      | 2400.00                               | -41.193                           | -25.79         | -15.403            | PASS    |
|                    |         |      | 4813.00                               | -52.752                           | -25.79         | -26.962            | PASS    |
|                    |         |      | 7249.50                               | -50.377                           | -25.79         | -24.587            | PASS    |
|                    |         |      | 9631.60                               | -52.528                           | -25.79         | -26.738            | PASS    |
|                    | 6       |      | 24920.7                               | -35.746                           | -25.79         | -9.956             | PASS    |
|                    |         |      | 4856.08                               | -52.154                           | -24.41         | -27.744            | PASS    |
|                    |         |      | 7305.01                               | -50.314                           | -24.41         | -25.904            | PASS    |
|                    |         |      | 9762.68                               | -51.539                           | -24.41         | -27.129            | PASS    |
|                    |         |      | 24957.6                               | -36.088                           | -24.41         | -11.678            | PASS    |
|                    | 11      |      | 2483.50                               | -41.393                           | -24.51         | -16.883            | PASS    |
|                    |         |      | 4921.00                               | -52.325                           | -24.51         | -27.815            | PASS    |
|                    |         |      | 7375.55                               | -51.276                           | -24.51         | -26.766            | PASS    |
|                    |         |      | 9856.94                               | -51.457                           | -24.51         | -26.947            | PASS    |
|                    |         |      | 24966.3                               | -35.517                           | -24.51         | -11.007            | PASS    |
| IEEE<br>802.11n_40 | 3       |      | 2367.33                               | -39.223                           | -28.9          | -10.323            | PASS    |
|                    |         |      | 2400.00                               | -42.702                           | -28.9          | -13.802            | PASS    |
|                    |         |      | 4854.20                               | -51.326                           | -28.9          | -22.426            | PASS    |
|                    |         |      | 7230.70                               | -51.756                           | -28.9          | -22.856            | PASS    |
|                    |         |      | 9692.80                               | -51.798                           | -28.9          | -22.898            | PASS    |
|                    | 6       |      | 24934.5                               | -36.080                           | -28.9          | -7.180             | PASS    |
|                    |         |      | 4882.92                               | -51.886                           | -27.87         | -24.016            | PASS    |
|                    |         |      | 7323.11                               | -50.206                           | -27.87         | -22.336            | PASS    |
|                    |         |      | 9715.24                               | -51.369                           | -27.87         | -23.499            | PASS    |
|                    |         |      | 24993.8                               | -35.785                           | -27.87         | -7.915             | PASS    |
|                    | 9       |      | 2483.50                               | -41.951                           | -27.74         | -14.211            | PASS    |
|                    |         |      | 4886.66                               | -51.175                           | -27.74         | -23.435            | PASS    |
|                    |         |      | 7338.09                               | -51.152                           | -27.74         | -23.412            | PASS    |
|                    |         |      | 9803.88                               | -51.354                           | -27.74         | -23.614            | PASS    |
|                    |         |      | 24975.7                               | -35.465                           | -27.74         | -7.725             | PASS    |

Test Graphs

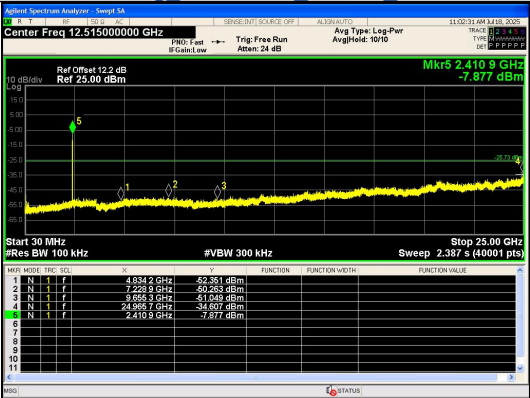




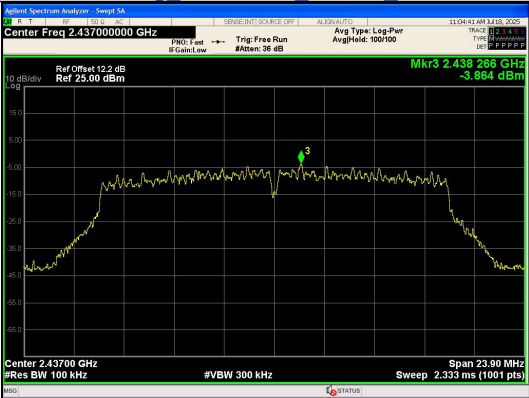
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IEEE 802.11g Channel 1 20MHz Antenna 0



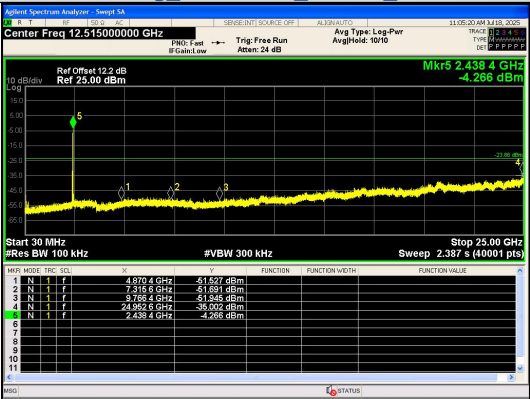
Out Of Band Emission  
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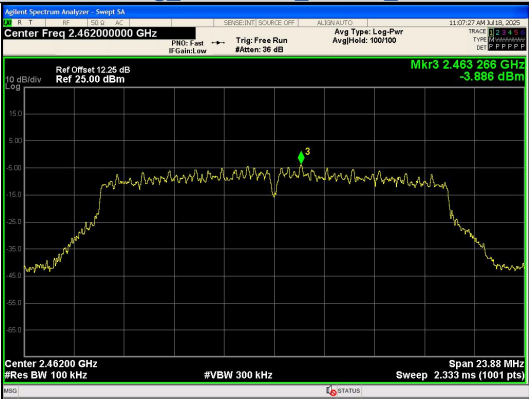
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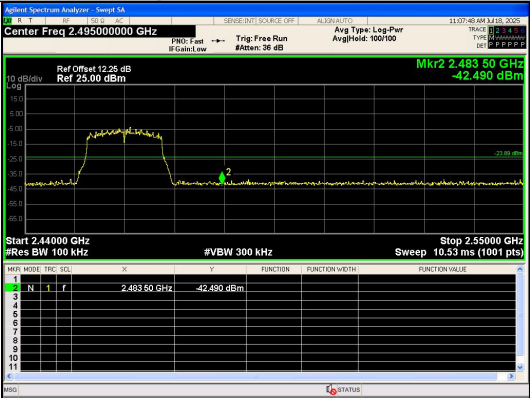
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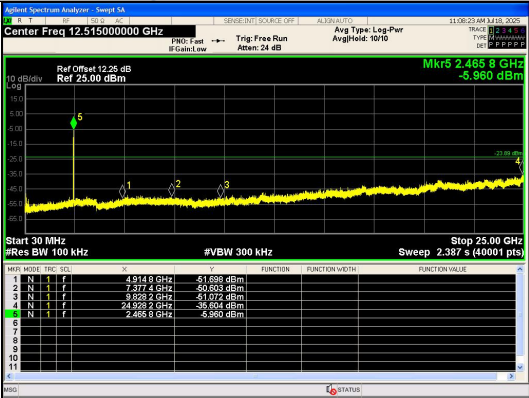
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In-Band Reference Level  
IEEE 802.11g Channel 11 20MHz Antenna 0



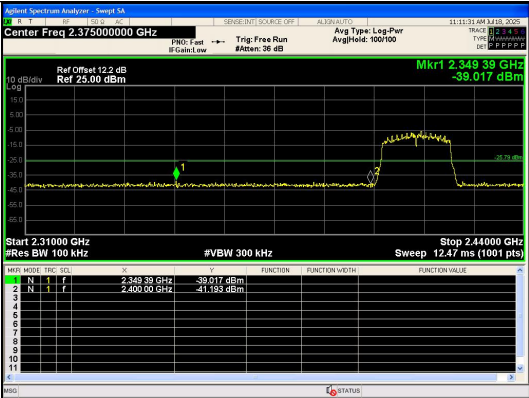
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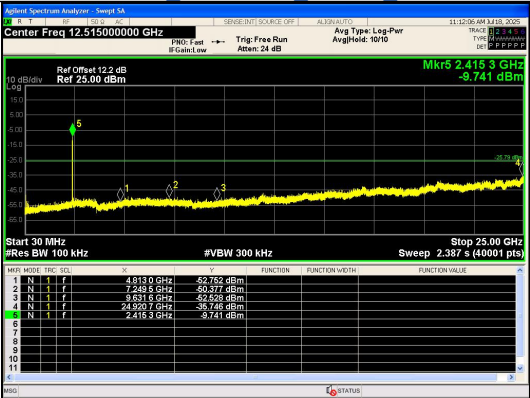
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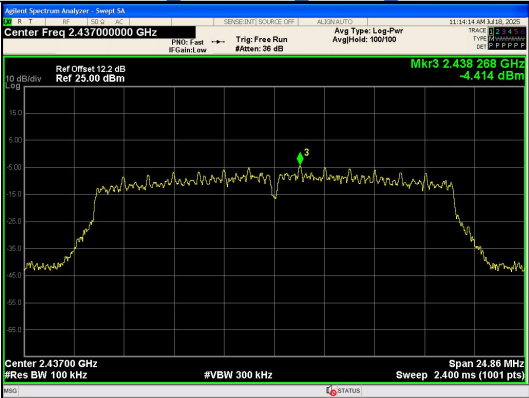
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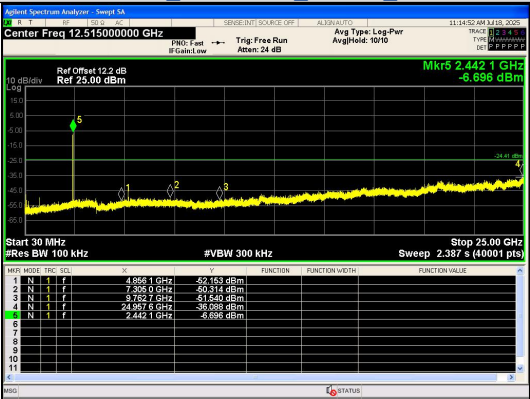
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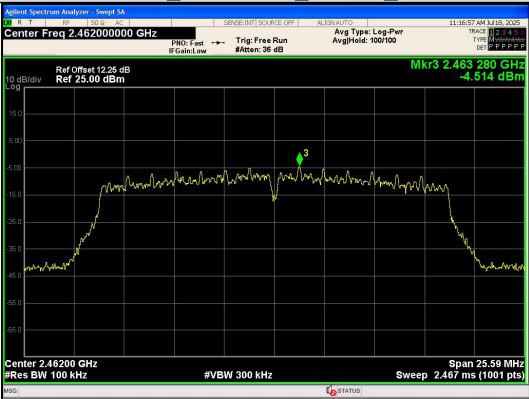
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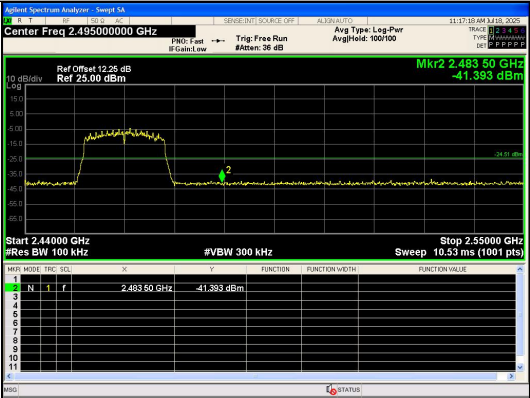
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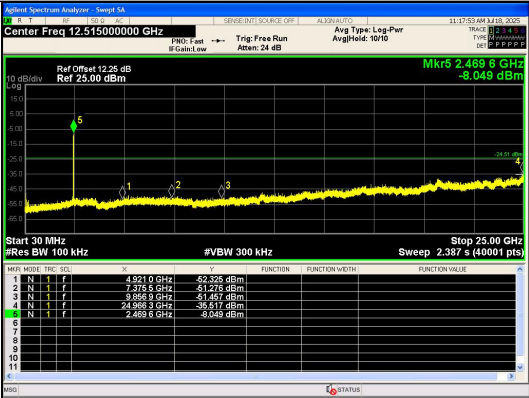
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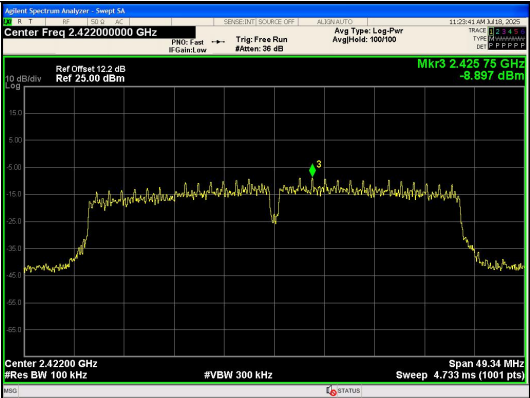
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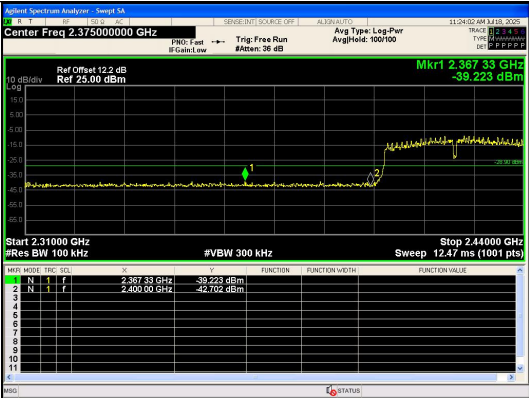
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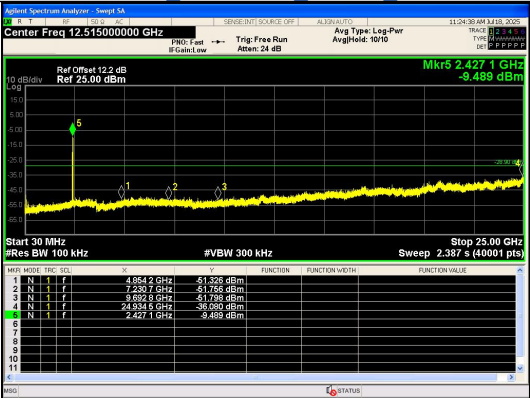
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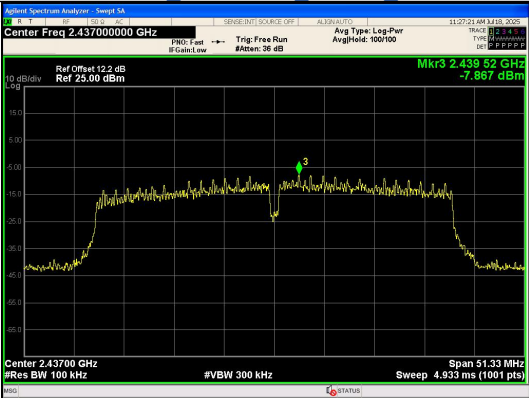
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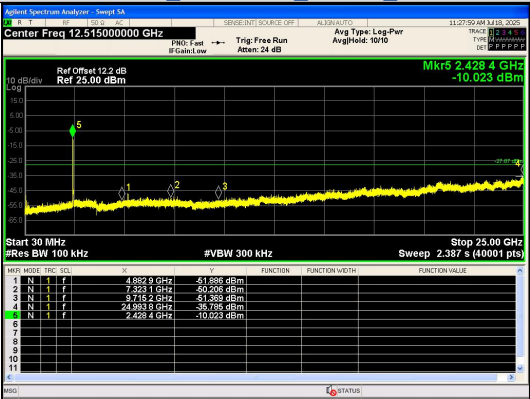
Out Of Band Emission  
IEEE 802.11n Channel 3 40MHz Antenna 0



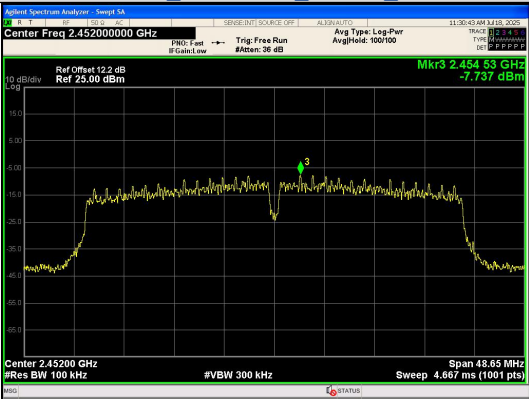
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IEEE 802.11n Channel 3 40MHz Antenna 0



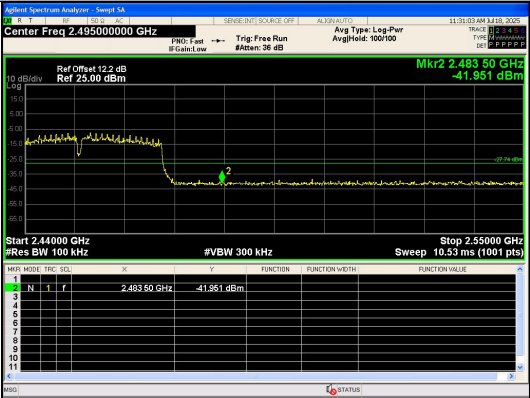
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IEEE 802.11n Channel 6 40MHz Antenna 0



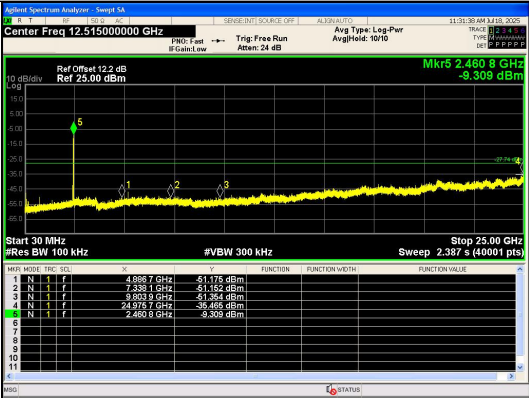
30.0 MHz - 25000.0 MHz  
IEEE 802.11n Channel 6 40MHz Antenna 0



In-Band Reference Level  
IEEE 802.11n Channel 9 40MHz Antenna 0



Out Of Band Emission  
IEEE 802.11n Channel 9 40MHz Antenna 0



30.0 MHz - 25000.0 MHz  
IEEE 802.11n Channel 9 40MHz Antenna 0