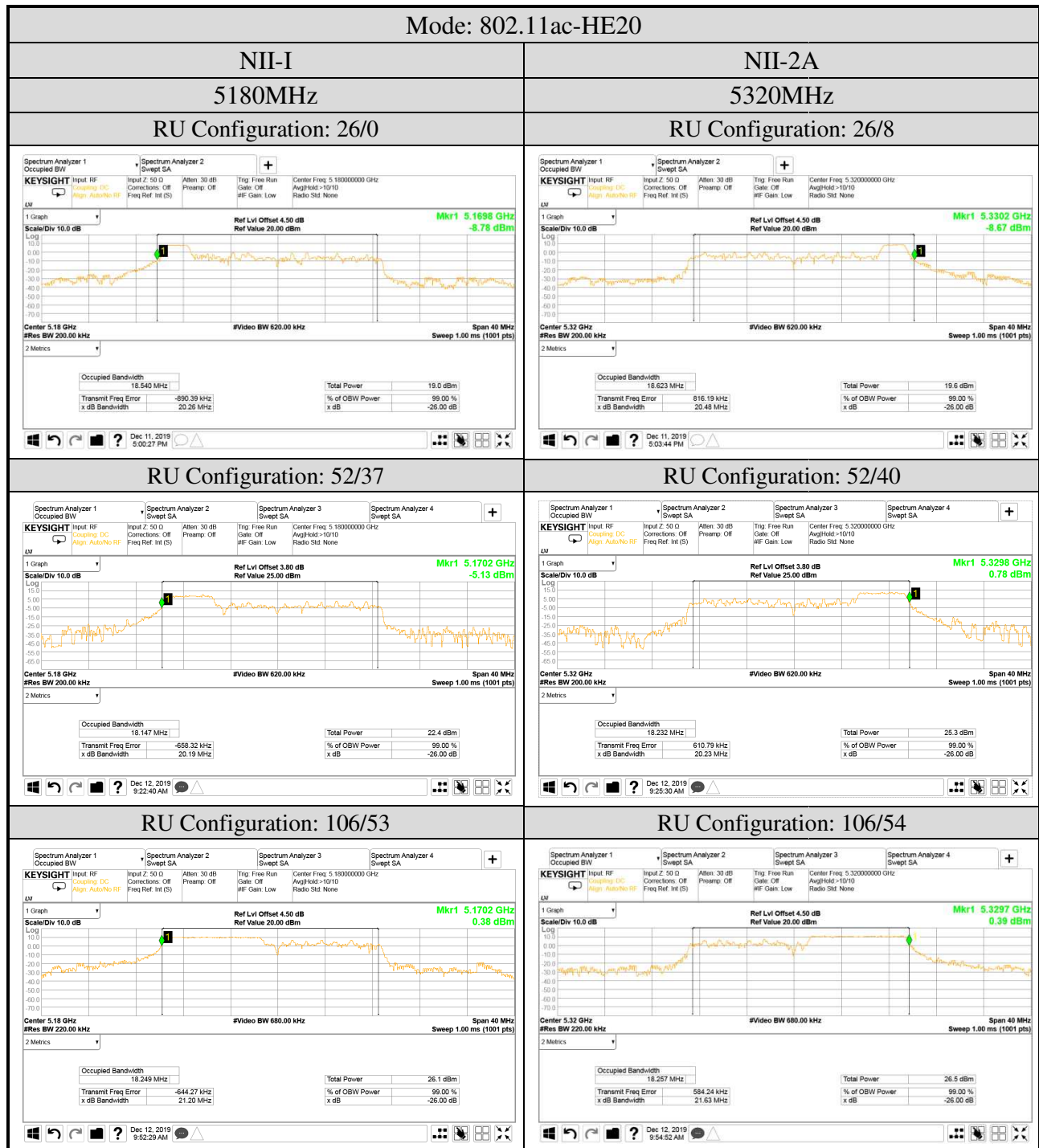
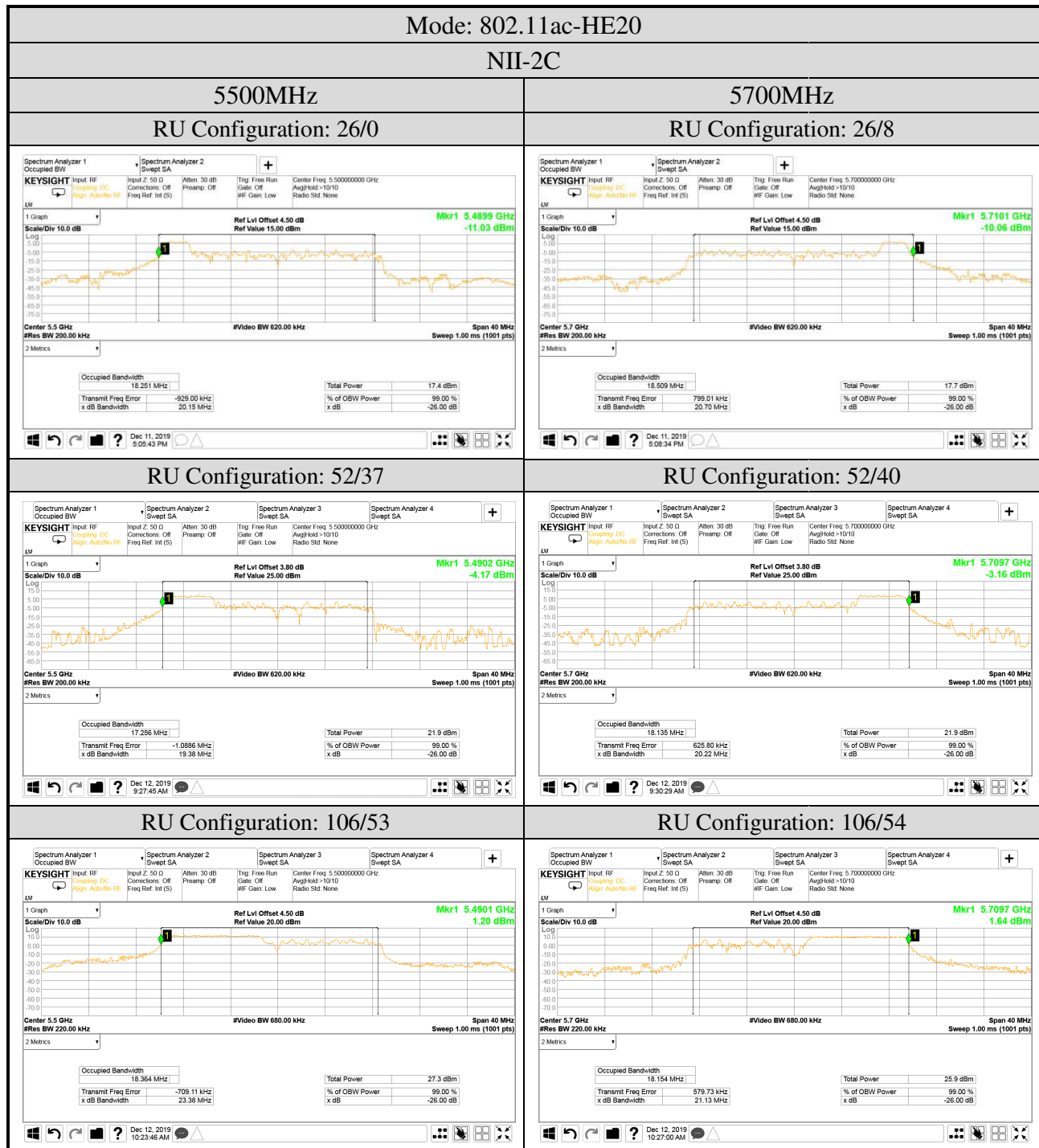
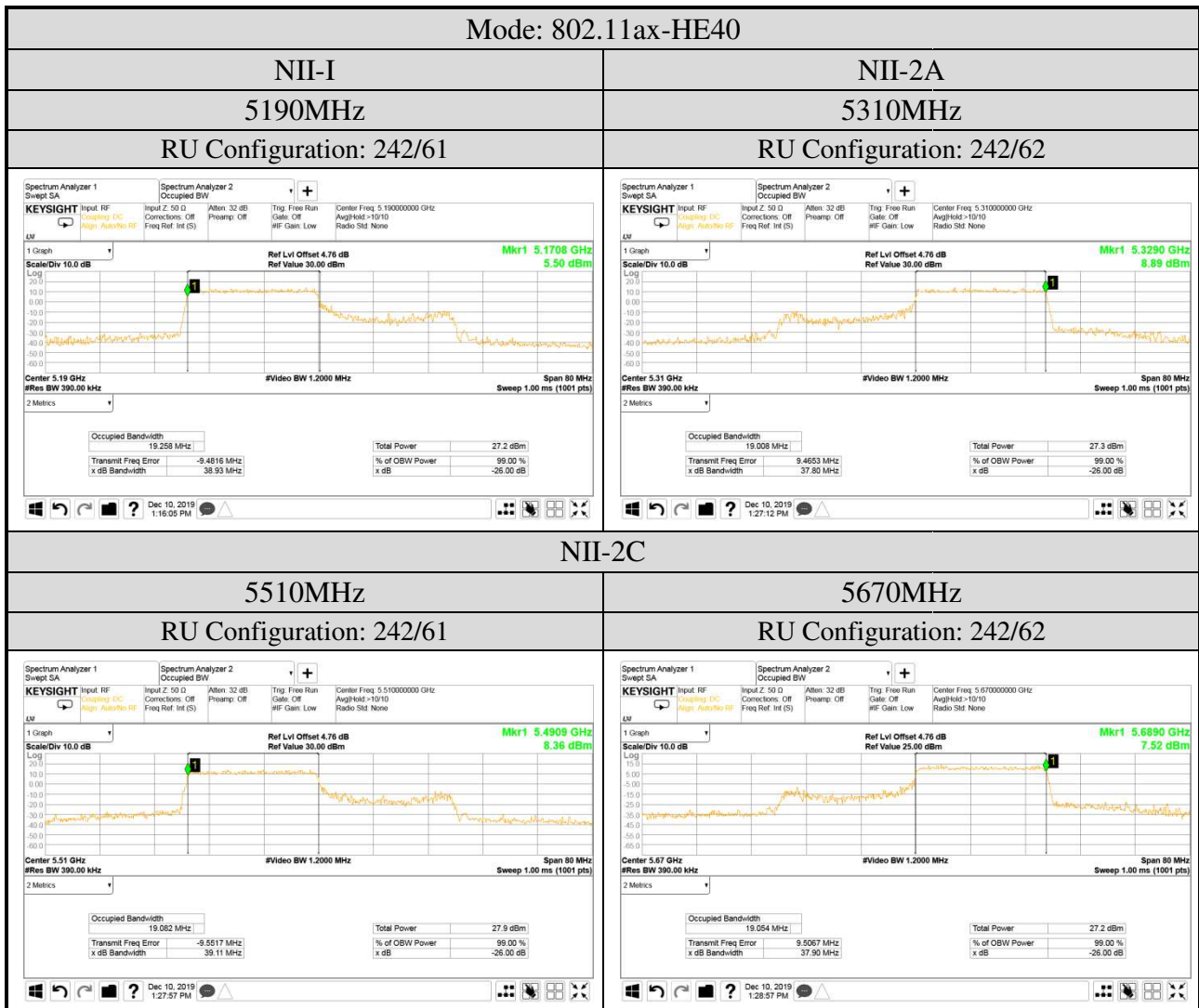






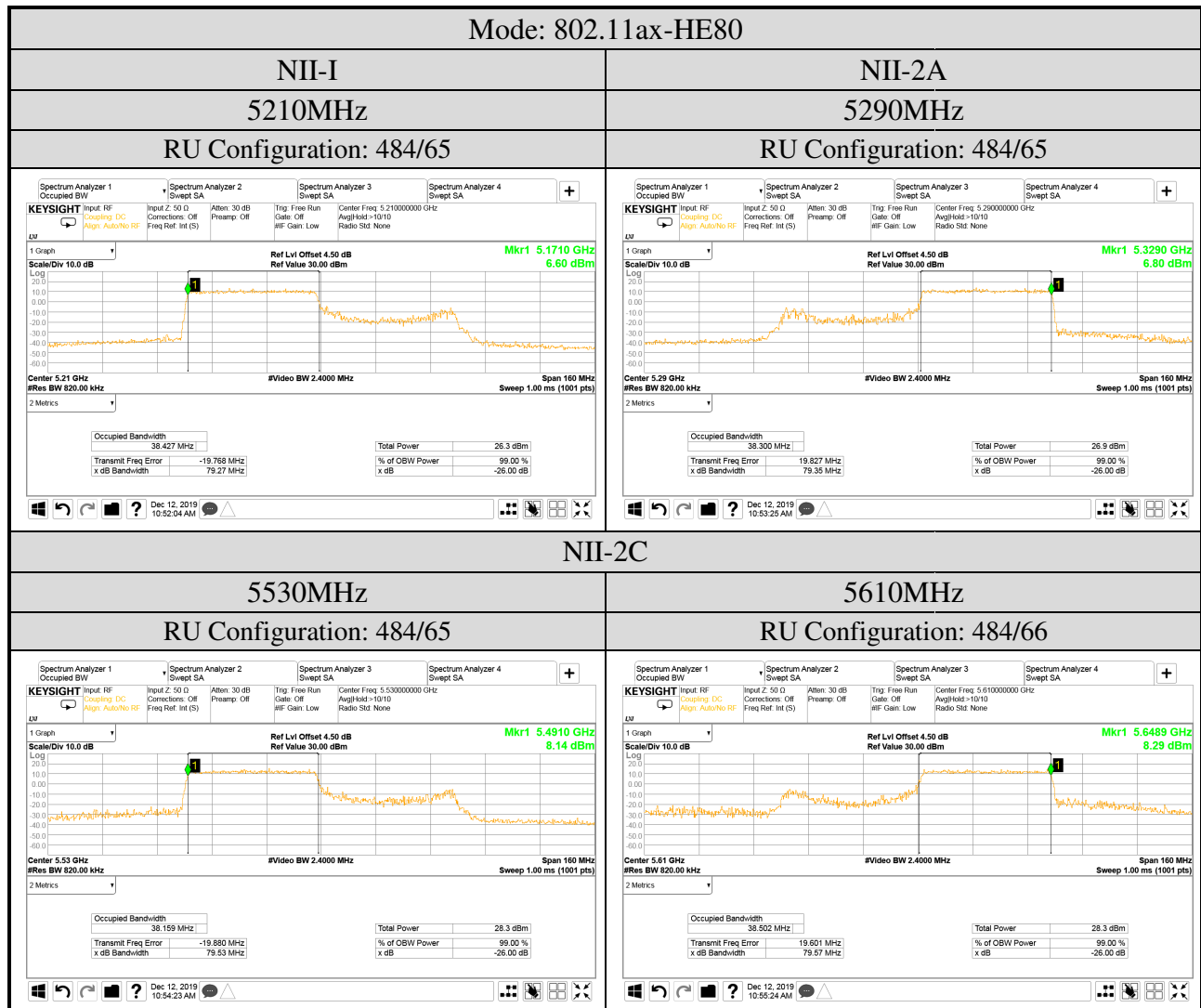
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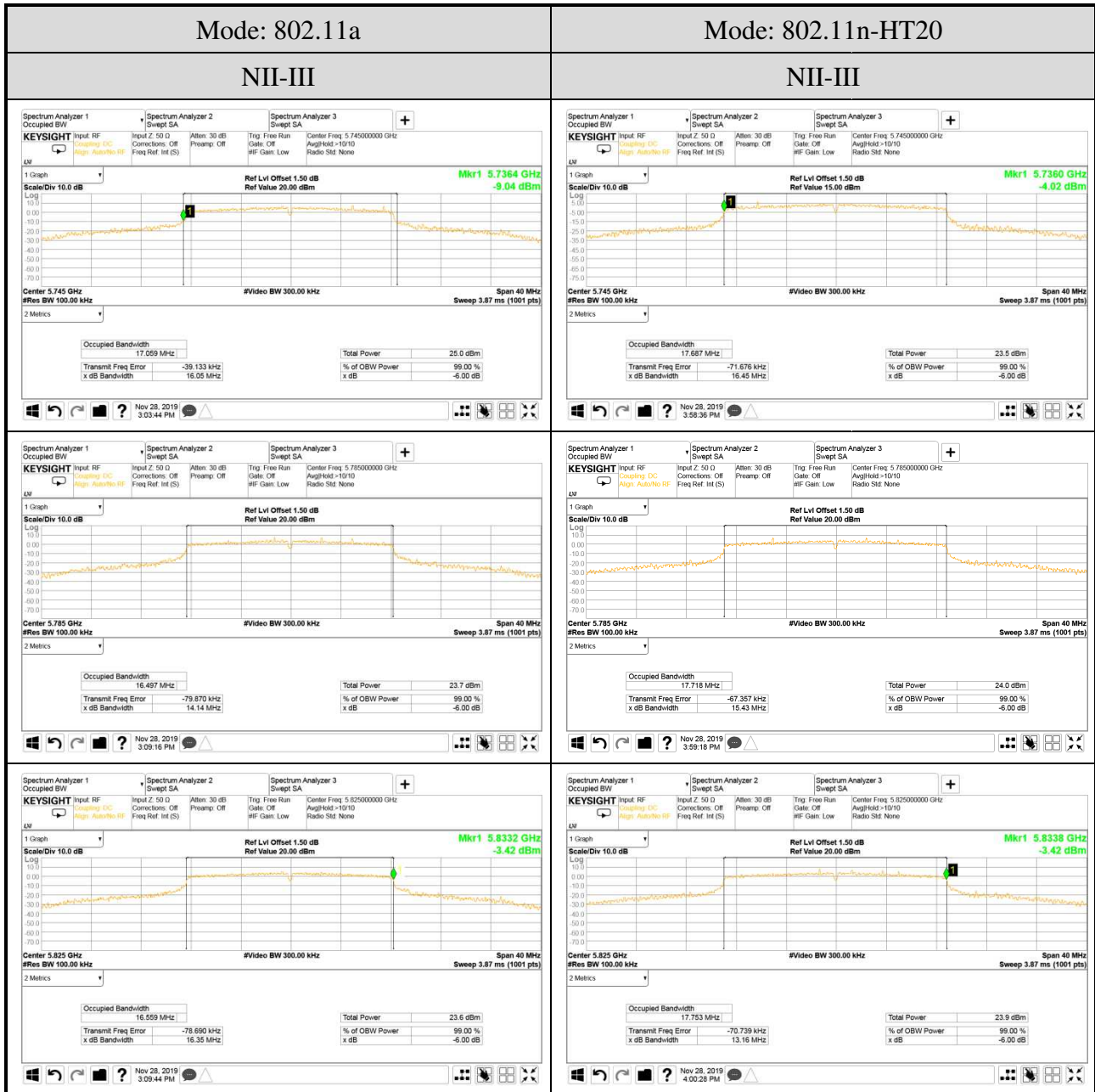


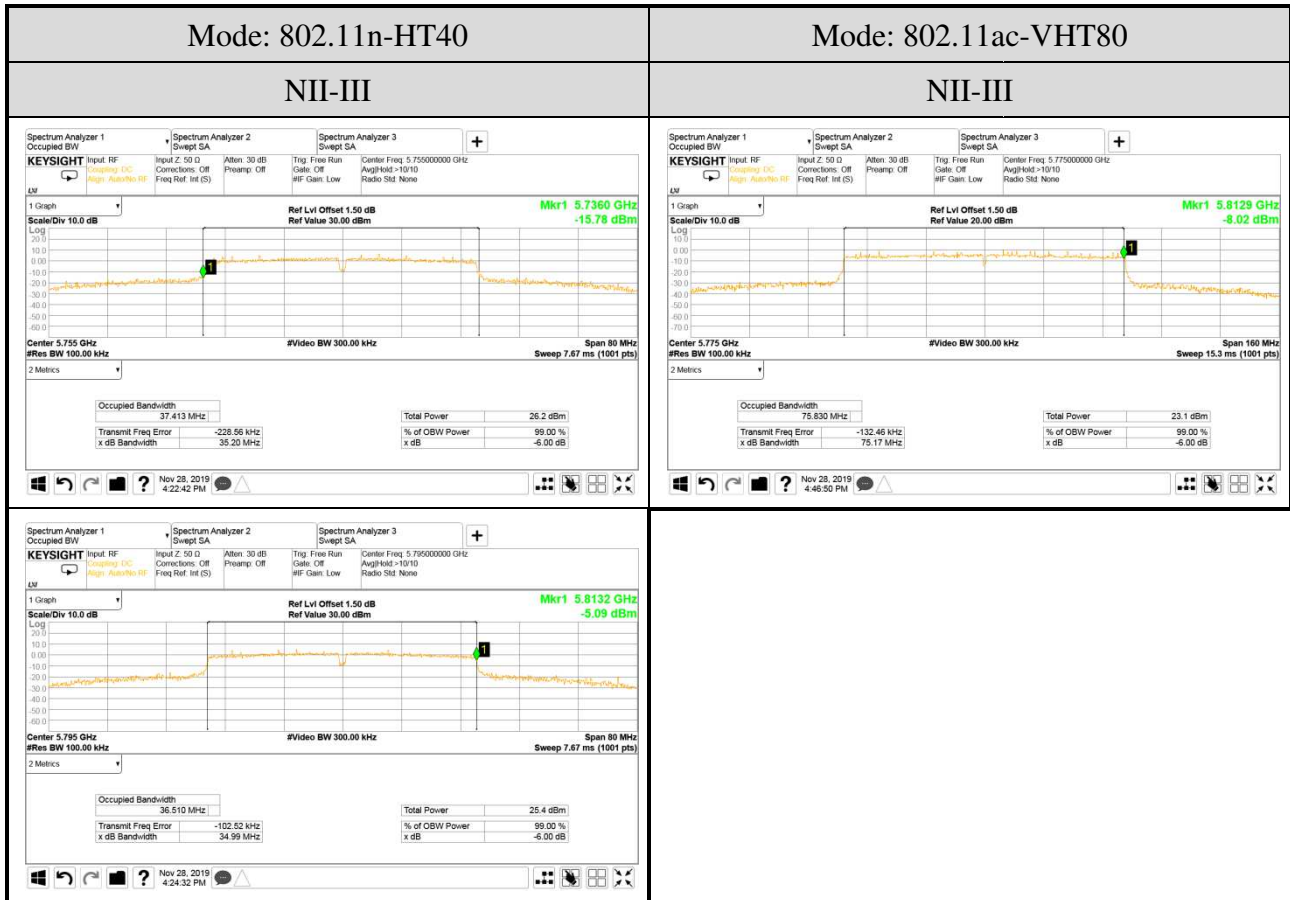
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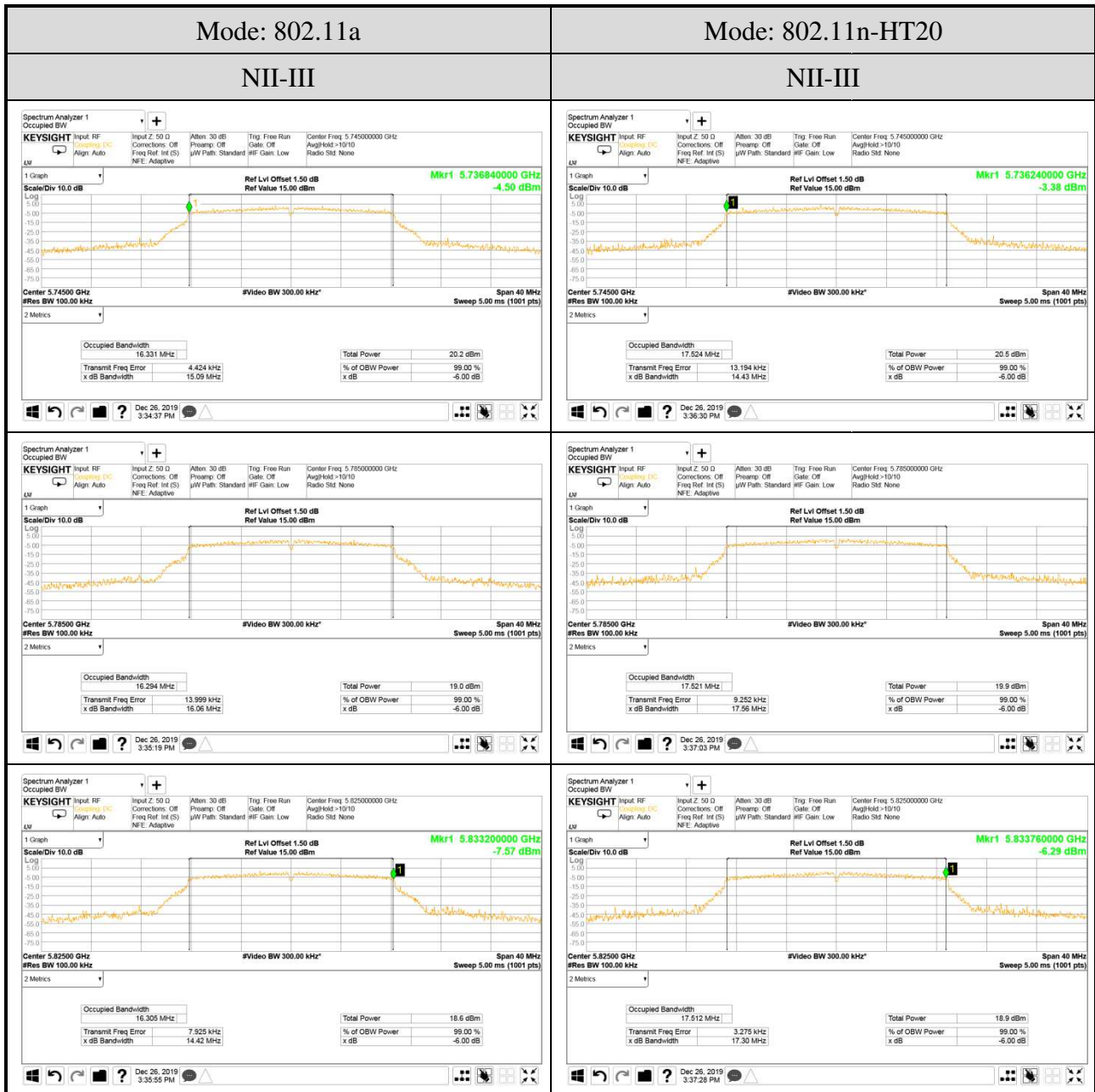


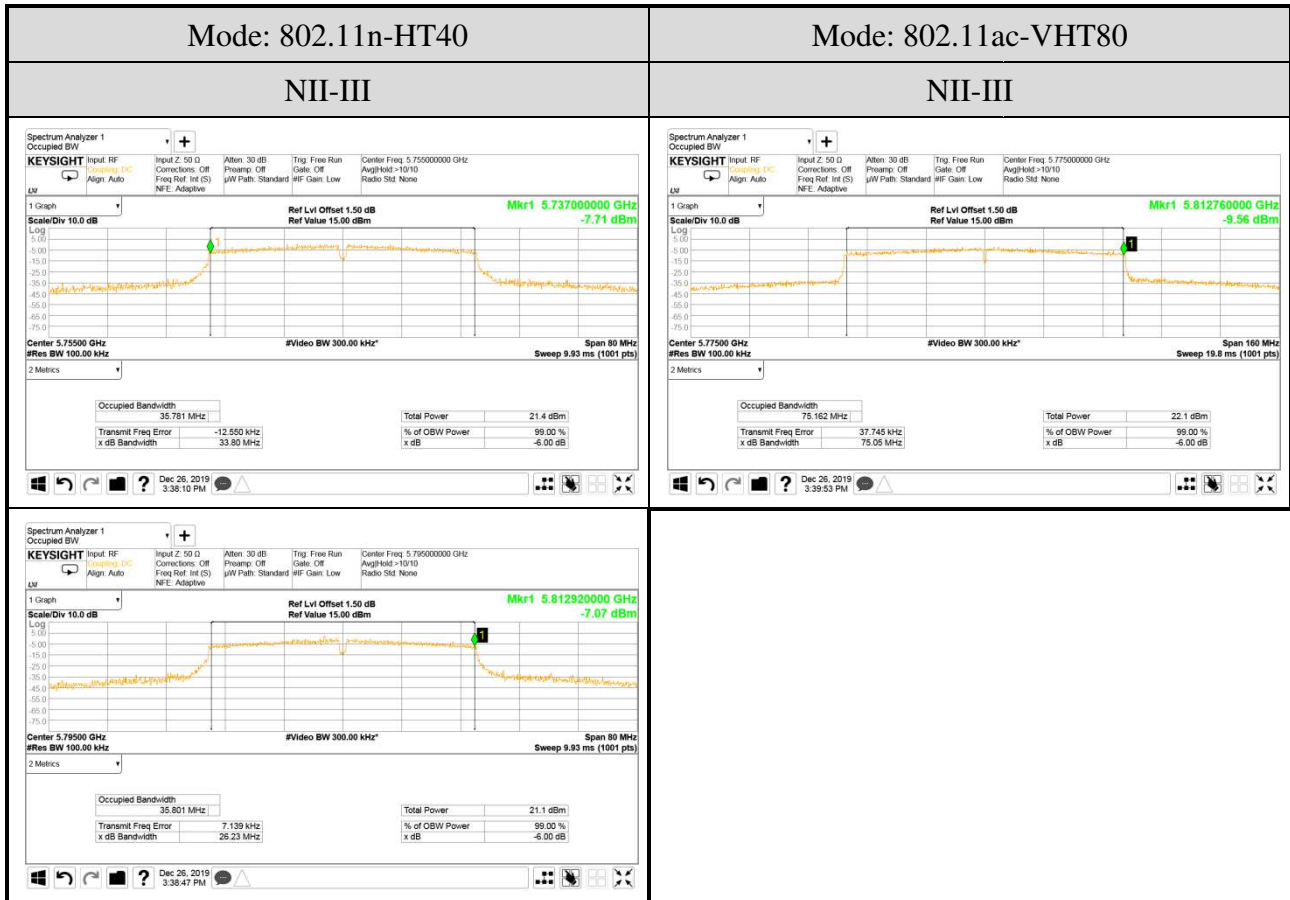
- For 6dB Bandwidth  
Chipset: MT7668AUN

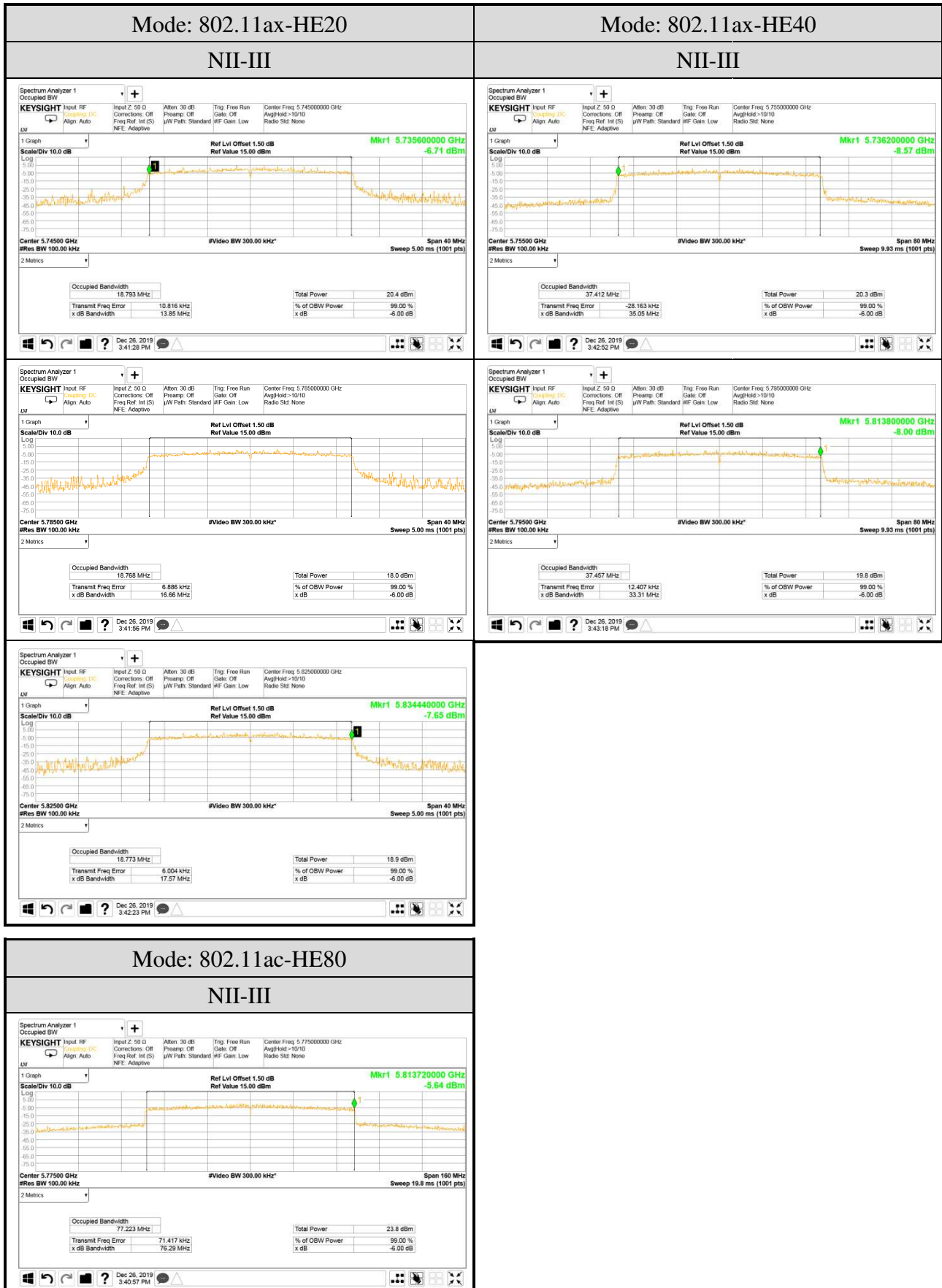


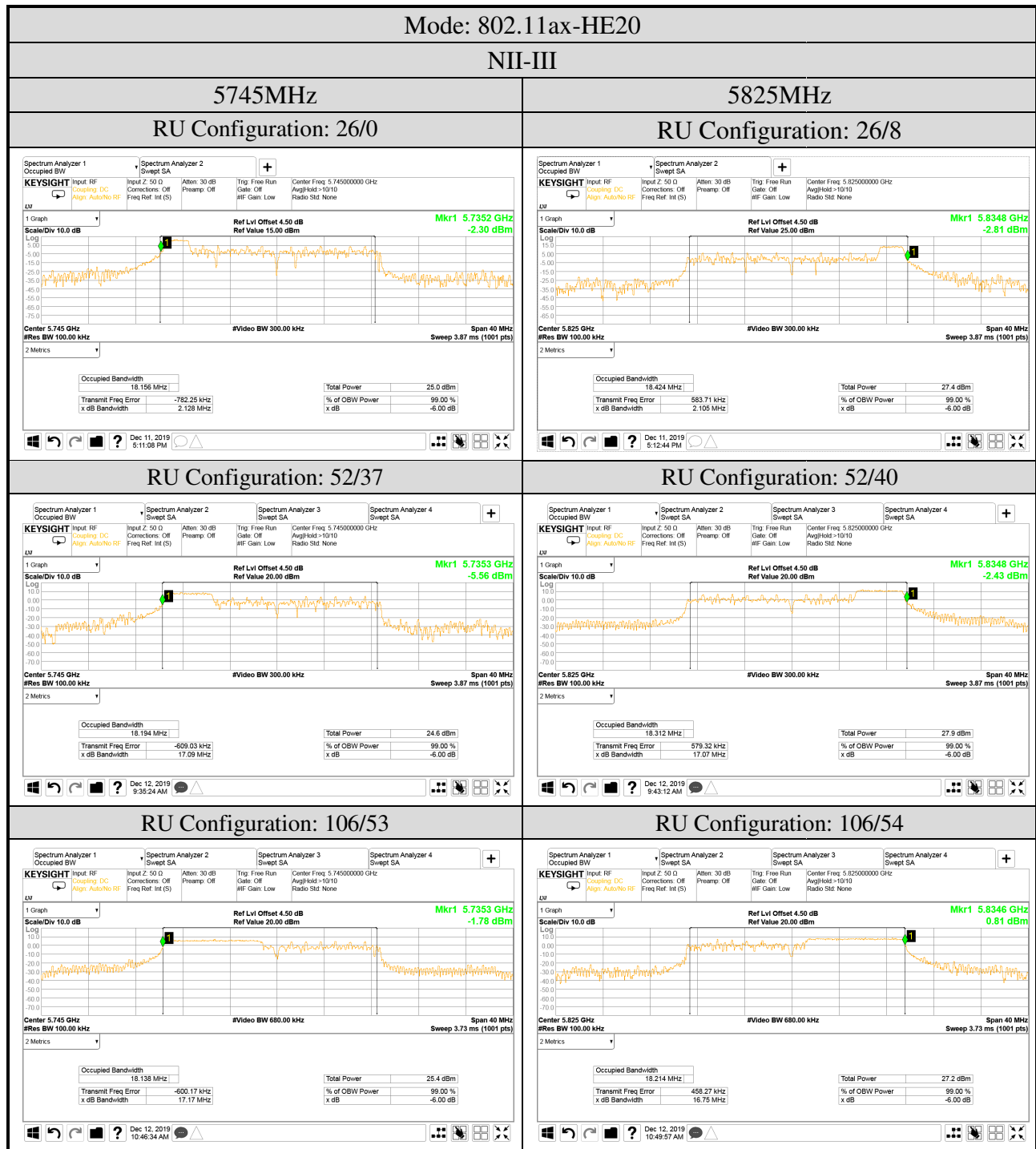


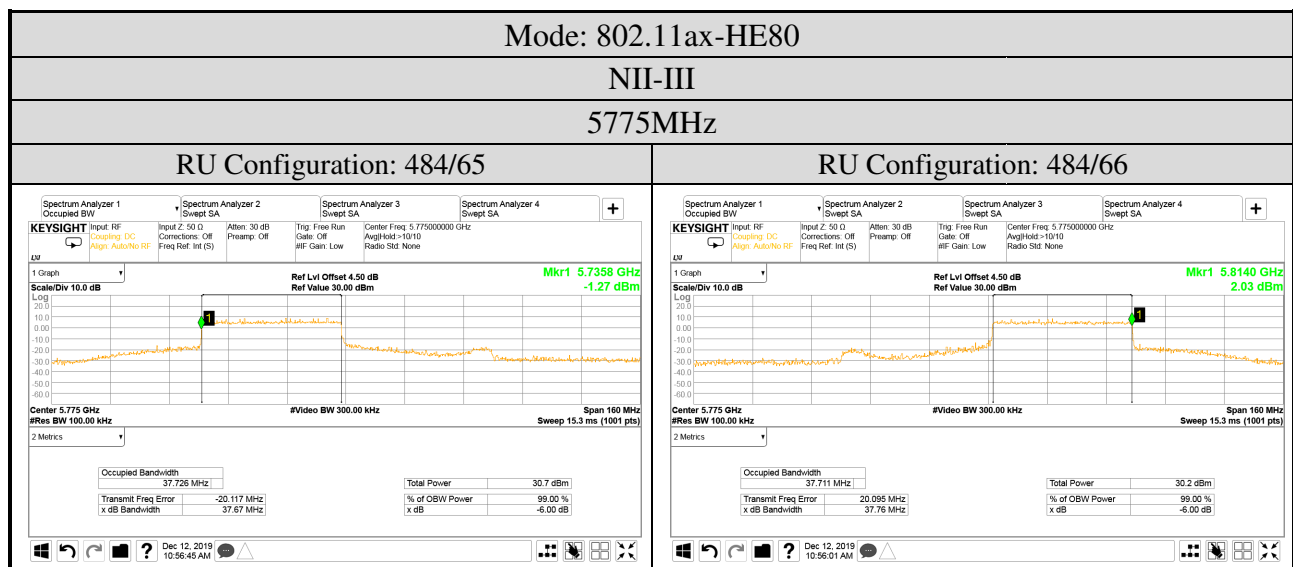
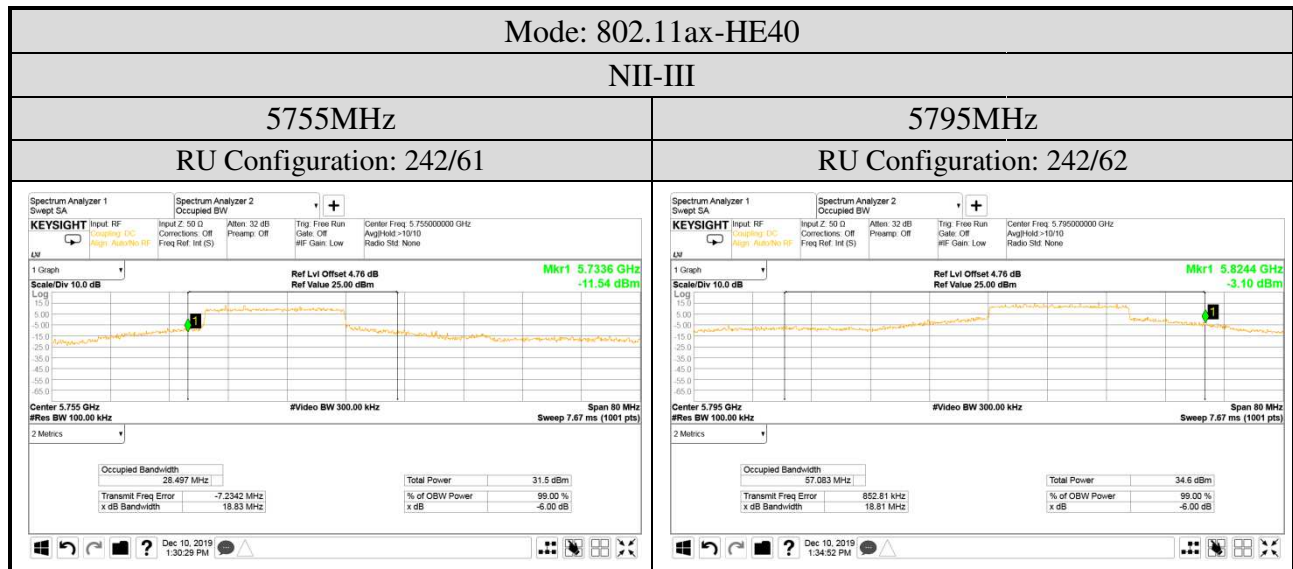
**Chipset: MT7915DUN**











## A.4 MAXIMUM OUTPUT POWER

|              |                      |            |                    |
|--------------|----------------------|------------|--------------------|
| Test Date    | 2019/11/28 ~ 12/05   | Temp./Hum. | 22 ~ 25°C/50 ~ 57% |
| Cable Loss   | 1.5dB                | Tested By  | Kuper Hsu          |
| Test Voltage | DC 5V (via Test JIG) |            |                    |

### A.4.1 Average Output Power

#### Chipset: MT7668AUN

| Mode    | UNII Band | Centre Frequency<br>(MHz) | Average Output Power(dBm) |               | 10log<br>(1/X) | Max Average Output Power |       | Limit                |
|---------|-----------|---------------------------|---------------------------|---------------|----------------|--------------------------|-------|----------------------|
|         |           |                           | WiFi 1<br>(R)             | WiFi 2<br>(L) |                | (dBm)                    | (W)   |                      |
| 802.11a | NII-I     | 5180                      | 16.62                     | 16.55         | N/A            | 19.60                    | 0.091 | < 250 mW<br>(24 dBm) |
|         |           | 5200                      | 16.83                     | 16.69         |                | 19.77                    | 0.095 |                      |
|         |           | 5240                      | 17.02                     | 16.90         |                | 19.97                    | 0.099 |                      |
|         | NII-2A    | 5260                      | 16.53                     | 16.13         |                | 19.34                    | 0.086 |                      |
|         |           | 5300                      | 16.81                     | 16.51         |                | 19.67                    | 0.093 |                      |
|         |           | 5320                      | 17.11                     | 16.69         |                | 19.92                    | 0.098 |                      |
|         | MII-2C    | 5500                      | 16.85                     | 16.69         |                | 19.78                    | 0.095 |                      |
|         |           | 5580                      | 17.01                     | 16.83         |                | 19.93                    | 0.098 |                      |
|         |           | 5700                      | 17.82                     | 17.41         |                | 20.63                    | 0.116 |                      |
|         |           | 5720                      | 17.51                     | 17.01         |                | 20.28                    | 0.107 |                      |
|         | NII-III   | 5745                      | 15.52                     | 15.83         |                | 18.69                    | 0.074 | < 1 W<br>(30 dBm)    |
|         |           | 5785                      | 15.54                     | 16.19         |                | 18.89                    | 0.077 |                      |
|         |           | 5825                      | 15.72                     | 16.04         |                | 18.89                    | 0.077 |                      |

Note: The results have been included cable loss.

| Mode           | UNII Band | Centre Frequency (MHz) | Average Output Power(dBm) |            | 10log (1/X) | Total Average Output Power |       | Limit             |
|----------------|-----------|------------------------|---------------------------|------------|-------------|----------------------------|-------|-------------------|
|                |           |                        | WiFi 1 (R)                | WiFi 2 (L) |             | (dBm)                      | (W)   |                   |
| 802.11n-HT20   | NII-I     | 5180                   | 17.24                     | 16.84      | N/A         | 20.05                      | 0.101 | < 250 mW (24 dBm) |
|                |           | 5200                   | 17.32                     | 16.94      |             | 20.14                      | 0.103 |                   |
|                |           | 5240                   | 17.52                     | 17.12      |             | 20.33                      | 0.108 |                   |
|                | NII-2A    | 5260                   | 17.14                     | 16.78      |             | 19.97                      | 0.099 |                   |
|                |           | 5300                   | 17.34                     | 17.04      |             | 20.20                      | 0.105 |                   |
|                |           | 5320                   | 17.52                     | 17.12      |             | 20.33                      | 0.108 |                   |
|                | NII-2C    | 5500                   | 17.51                     | 17.32      |             | 20.43                      | 0.110 |                   |
|                |           | 5580                   | 17.56                     | 17.22      |             | 20.40                      | 0.110 |                   |
|                |           | 5700                   | 17.73                     | 17.57      |             | 20.66                      | 0.116 |                   |
|                |           | 5720                   | 17.74                     | 17.52      |             | 20.64                      | 0.116 |                   |
|                | NII-III   | 5745                   | 16.55                     | 17.24      |             | 19.92                      | 0.098 | < 1 W (30 dBm)    |
|                |           | 5785                   | 16.53                     | 17.14      |             | 19.86                      | 0.097 |                   |
|                |           | 5825                   | 16.42                     | 17.29      |             | 19.89                      | 0.097 |                   |
| 802.11n-HT40   | NII-I     | 5190                   | 17.26                     | 16.83      | N/A         | 20.06                      | 0.101 | < 250 mW (24 dBm) |
|                |           | 5230                   | 17.31                     | 16.96      |             | 20.15                      | 0.104 |                   |
|                | NII-2A    | 5270                   | 17.58                     | 17.07      |             | 20.34                      | 0.108 |                   |
|                |           | 5310                   | 17.96                     | 17.54      |             | 20.77                      | 0.119 |                   |
|                | NII-2C    | 5510                   | 16.51                     | 16.04      |             | 19.29                      | 0.085 |                   |
|                |           | 5550                   | 18.37                     | 18.26      |             | 21.33                      | 0.136 |                   |
|                |           | 5670                   | 18.32                     | 18.07      |             | 21.21                      | 0.132 |                   |
|                |           | 5710                   | 19.94                     | 19.62      |             | 22.79                      | 0.190 |                   |
|                | NII-III   | 5755                   | 17.42                     | 18.42      |             | 20.96                      | 0.125 | < 1 W (30 dBm)    |
|                |           | 5795                   | 17.66                     | 18.23      |             | 20.96                      | 0.125 |                   |
| 802.11ac-VHT80 | NII-I     | 5210                   | 13.76                     | 13.28      | 0.82        | 17.36                      | 0.054 | < 250 mW (24 dBm) |
|                | NII-2A    | 5290                   | 15.04                     | 14.51      |             | 18.62                      | 0.073 |                   |
|                | NII-2C    | 5530                   | 12.86                     | 12.34      |             | 16.44                      | 0.044 |                   |
|                |           | 5610                   | 18.04                     | 17.59      |             | 21.66                      | 0.147 |                   |
|                |           | 5690                   | 19.18                     | 18.70      |             | 22.78                      | 0.190 |                   |
|                | NII-III   | 5775                   | 18.05                     | 18.52      |             | 22.13                      | 0.163 | < 1 W (30 dBm)    |

Note: The results have been included cable loss.

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### Chipset: MT7915DUN

| Mode    | UNII Band | Centre Frequency (MHz) | Average Output Power(dBm) |            | 10log (1/X) | Max Average Output Power |       | Limit             |
|---------|-----------|------------------------|---------------------------|------------|-------------|--------------------------|-------|-------------------|
|         |           |                        | WiFi 4 (R)                | WiFi 3 (L) |             | (dBm)                    | (W)   |                   |
| 802.11a | NII-I     | 5180                   | 16.16                     | 15.73      | 0.25        | 19.21                    | 0.083 | < 250 mW (24 dBm) |
|         |           | 5200                   | 16.24                     | 15.87      |             | 19.32                    | 0.086 |                   |
|         |           | 5240                   | 16.52                     | 17.22      |             | 20.14                    | 0.103 |                   |
|         | NII-2A    | 5260                   | 16.76                     | 17.33      |             | 20.31                    | 0.107 |                   |
|         |           | 5300                   | 17.22                     | 17.82      |             | 20.79                    | 0.120 |                   |
|         |           | 5320                   | 16.62                     | 17.23      |             | 20.19                    | 0.104 |                   |
|         | MII-2C    | 5500                   | 16.77                     | 17.14      |             | 20.22                    | 0.105 |                   |
|         |           | 5580                   | 16.52                     | 16.83      |             | 19.94                    | 0.099 |                   |
|         |           | 5700                   | 16.66                     | 17.01      |             | 20.10                    | 0.102 |                   |
|         |           | 5720                   | 17.62                     | 17.83      |             | 20.98                    | 0.125 |                   |
|         | NII-III   | 5745                   | 15.67                     | 16.25      |             | 19.23                    | 0.084 | < 1 W (30 dBm)    |
|         |           | 5785                   | 15.67                     | 16.29      |             | 19.25                    | 0.084 |                   |
|         |           | 5825                   | 15.82                     | 16.04      |             | 19.19                    | 0.083 |                   |

Note: The results have been included cable loss.

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| Mode               | UNII Band | Centre Frequency<br>(MHz) | Average Output<br>Power(dBm) |               | 10log<br>(1/X) | Total Average<br>Output Power |       | Limit                |
|--------------------|-----------|---------------------------|------------------------------|---------------|----------------|-------------------------------|-------|----------------------|
|                    |           |                           | WiFi 4<br>(R)                | WiFi 3<br>(L) |                | (dBm)                         | (W)   |                      |
| 802.11n-<br>HT20   | NII-I     | 5180                      | 16.97                        | 16.62         | 0.27           | 20.08                         | 0.102 | < 250 mW<br>(24 dBm) |
|                    |           | 5200                      | 17.01                        | 16.70         |                | 20.13                         | 0.103 |                      |
|                    |           | 5240                      | 16.68                        | 17.01         |                | 20.12                         | 0.103 |                      |
|                    | NII-2A    | 5260                      | 16.82                        | 17.23         |                | 20.31                         | 0.107 |                      |
|                    |           | 5300                      | 17.01                        | 17.23         |                | 20.40                         | 0.110 |                      |
|                    |           | 5320                      | 17.01                        | 17.44         |                | 20.51                         | 0.112 |                      |
|                    | NII-2C    | 5500                      | 17.07                        | 17.51         |                | 20.57                         | 0.114 |                      |
|                    |           | 5580                      | 17.03                        | 17.16         |                | 20.37                         | 0.109 |                      |
|                    |           | 5700                      | 17.56                        | 17.83         |                | 20.97                         | 0.125 |                      |
|                    |           | 5720                      | 17.36                        | 17.83         |                | 20.88                         | 0.122 |                      |
|                    | NII-III   | 5745                      | 16.86                        | 17.38         |                | 20.40                         | 0.110 | < 1 W<br>(30 dBm)    |
|                    |           | 5785                      | 16.68                        | 17.24         |                | 20.25                         | 0.106 |                      |
|                    |           | 5825                      | 16.66                        | 17.38         |                | 20.31                         | 0.107 |                      |
| 802.11n-<br>HT40   | NII-I     | 5190                      | 17.27                        | 16.89         | 0.54           | 20.63                         | 0.116 | < 250 mW<br>(24 dBm) |
|                    |           | 5230                      | 16.70                        | 17.29         |                | 20.55                         | 0.114 |                      |
|                    | NII-2A    | 5270                      | 16.04                        | 16.52         |                | 19.83                         | 0.096 |                      |
|                    |           | 5310                      | 16.32                        | 16.72         |                | 20.07                         | 0.102 |                      |
|                    | NII-2C    | 5510                      | 17.90                        | 18.04         |                | 21.52                         | 0.142 |                      |
|                    |           | 5550                      | 17.89                        | 18.12         |                | 21.55                         | 0.143 |                      |
|                    |           | 5670                      | 19.26                        | 19.60         |                | 22.98                         | 0.199 |                      |
|                    |           | 5710                      | 19.30                        | 19.54         |                | 22.97                         | 0.198 |                      |
|                    | NII-III   | 5755                      | 17.69                        | 18.44         |                | 21.63                         | 0.146 | < 1 W<br>(30 dBm)    |
|                    |           | 5795                      | 17.71                        | 18.50         |                | 21.67                         | 0.147 |                      |
| 802.11ac-<br>VHT80 | NII-I     | 5210                      | 15.09                        | 14.64         | 1.07           | 18.95                         | 0.079 | < 250 mW<br>(24 dBm) |
|                    | NII-2A    | 5290                      | 13.51                        | 13.89         |                | 17.79                         | 0.060 |                      |
|                    | NII-2C    | 5530                      | 16.48                        | 16.27         |                | 20.46                         | 0.111 |                      |
|                    |           | 5610                      | 18.68                        | 18.42         |                | 22.63                         | 0.183 |                      |
|                    | NII-III   | 5690                      | 18.99                        | 18.84         |                | 23.00                         | 0.200 | < 1 W<br>(30 dBm)    |
|                    |           | 5775                      | 18.51                        | 18.83         |                | 22.76                         | 0.189 |                      |

Note: The results have been included cable loss.

| Mode          | UNII Band | Centre Frequency (MHz) | Average Output Power(dBm) |            | 10log (1/X) | Total Average Output Power |       | Limit             |
|---------------|-----------|------------------------|---------------------------|------------|-------------|----------------------------|-------|-------------------|
|               |           |                        | WiFi 4 (R)                | WiFi 3 (L) |             | (dBm)                      | (W)   |                   |
| 802.11ax-HE20 | NII-I     | 5180                   | 16.52                     | 16.23      | 0.34        | 19.65                      | 0.092 | < 250 mW (24 dBm) |
|               |           | 5200                   | 16.75                     | 16.51      |             | 19.91                      | 0.098 |                   |
|               |           | 5240                   | 16.34                     | 16.72      |             | 19.81                      | 0.096 |                   |
|               | NII-2A    | 5260                   | 16.58                     | 16.83      |             | 19.98                      | 0.100 |                   |
|               |           | 5300                   | 17.22                     | 17.53      |             | 20.65                      | 0.116 |                   |
|               |           | 5320                   | 17.21                     | 17.63      |             | 20.70                      | 0.117 |                   |
|               | NII-2C    | 5500                   | 16.73                     | 17.22      |             | 20.26                      | 0.106 |                   |
|               |           | 5580                   | 17.20                     | 17.19      |             | 20.47                      | 0.111 |                   |
|               |           | 5700                   | 16.83                     | 17.35      |             | 20.37                      | 0.109 |                   |
|               |           | 5720                   | 17.24                     | 17.65      |             | 20.73                      | 0.118 |                   |
|               | NII-III   | 5745                   | 17.42                     | 17.88      |             | 20.93                      | 0.124 | < 1 W (30 dBm)    |
|               |           | 5785                   | 15.23                     | 15.74      |             | 18.77                      | 0.075 |                   |
|               |           | 5825                   | 16.44                     | 16.85      |             | 19.93                      | 0.098 |                   |
| 802.11ax-HE40 | NII-I     | 5190                   | 17.69                     | 16.98      | 0.66        | 20.89                      | 0.123 | < 250 mW (24 dBm) |
|               |           | 5230                   | 16.64                     | 17.45      |             | 20.61                      | 0.115 |                   |
|               | NII-2A    | 5270                   | 16.12                     | 16.53      |             | 19.88                      | 0.097 |                   |
|               |           | 5310                   | 16.32                     | 16.42      |             | 19.92                      | 0.098 |                   |
|               | NII-2C    | 5510                   | 17.88                     | 18.11      |             | 21.54                      | 0.143 |                   |
|               |           | 5550                   | 17.94                     | 18.22      |             | 21.63                      | 0.146 |                   |
|               |           | 5670                   | 18.27                     | 18.52      |             | 21.94                      | 0.156 |                   |
|               |           | 5710                   | 19.94                     | 20.09      |             | 23.56                      | 0.227 |                   |
|               | NII-III   | 5755                   | 17.42                     | 18.03      |             | 21.28                      | 0.134 | < 1 W (30 dBm)    |
|               |           | 5795                   | 17.51                     | 18.05      |             | 21.33                      | 0.136 |                   |
| 802.11ax-HE80 | NII-I     | 5210                   | 14.85                     | 14.56      | 1.26        | 18.79                      | 0.076 | < 250 mW (24 dBm) |
|               | NII-2A    | 5290                   | 14.59                     | 14.65      |             | 18.70                      | 0.074 |                   |
|               | NII-2C    | 5530                   | 16.93                     | 16.79      |             | 20.94                      | 0.124 |                   |
|               |           | 5610                   | 18.10                     | 17.62      |             | 21.95                      | 0.157 |                   |
|               |           | 5690                   | 18.57                     | 18.42      |             | 22.58                      | 0.181 |                   |
|               | NII-III   | 5775                   | 19.63                     | 19.30      |             | 23.55                      | 0.226 | < 1 W (30 dBm)    |

Note: The results have been included cable loss.

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| Mode          | UNII Band | Centre Frequency (MHz) | RU Configuration | Average Output Power(dBm) |            | 10log (1/X) | Total Average Output Power |       | Limit             |
|---------------|-----------|------------------------|------------------|---------------------------|------------|-------------|----------------------------|-------|-------------------|
|               |           |                        |                  | WiFi 4 (R)                | WiFi 3 (L) |             | (dBm)                      | (W)   |                   |
| 802.11ax-HE20 | NII-I     | 5180                   | 26/0             | 8.50                      | 8.48       | 0.28        | 11.78                      | 0.015 | < 250 mW (24 dBm) |
|               |           |                        | 52/37            | 12.13                     | 12.15      | 0.88        | 16.03                      | 0.040 |                   |
|               |           |                        | 106/53           | 14.51                     | 14.18      | 0.19        | 17.55                      | 0.057 |                   |
|               | NII-2A    | 5320                   | 26/8             | 8.65                      | 9.79       | 0.28        | 12.55                      | 0.018 |                   |
|               |           |                        | 52/40            | 11.31                     | 11.68      | 0.88        | 15.39                      | 0.035 |                   |
|               |           |                        | 106/54           | 14.42                     | 14.83      | 0.19        | 17.83                      | 0.061 |                   |
|               | NII-2C    | 5500                   | 26/0             | 8.88                      | 9.26       | 0.28        | 12.37                      | 0.017 |                   |
|               |           |                        | 52/37            | 11.59                     | 11.95      | 0.88        | 15.66                      | 0.037 |                   |
|               |           |                        | 106/53           | 14.79                     | 15.01      | 0.19        | 18.11                      | 0.065 |                   |
|               |           | 5700                   | 26/8             | 8.59                      | 9.11       | 0.28        | 12.15                      | 0.016 |                   |
|               |           |                        | 52/40            | 11.24                     | 11.53      | 0.88        | 15.28                      | 0.034 |                   |
|               |           |                        | 106/54           | 14.51                     | 14.82      | 0.19        | 17.87                      | 0.061 |                   |
|               | NII-III   | 5745                   | 26/0             | 12.65                     | 12.83      | 0.28        | 16.03                      | 0.040 | < 1 W (30 dBm)    |
|               |           |                        | 52/37            | 12.53                     | 12.79      | 0.88        | 16.55                      | 0.045 |                   |
|               |           |                        | 106/53           | 12.68                     | 13.33      | 0.19        | 16.22                      | 0.042 |                   |
|               |           | 5825                   | 26/8             | 15.32                     | 15.80      | 0.28        | 18.86                      | 0.077 |                   |
|               |           |                        | 52/40            | 15.31                     | 15.82      | 0.88        | 19.46                      | 0.088 |                   |
|               |           |                        | 106/54           | 15.37                     | 15.91      | 0.19        | 18.85                      | 0.077 |                   |
| 802.11ax-HE40 | NII-I     | 5190                   | 242/61           | 16.75                     | 16.42      | 0.26        | 19.86                      | 0.097 | < 250 mW (24 dBm) |
|               | NII-2A    | 5310                   | 242/62           | 17.01                     | 17.50      |             | 20.53                      | 0.113 |                   |
|               | NII-2C    | 5510                   | 242/61           | 17.69                     | 17.74      |             | 20.99                      | 0.126 |                   |
|               |           | 5670                   | 242/62           | 17.62                     | 18.10      |             | 21.14                      | 0.130 |                   |
|               | NII-III   | 5755                   | 242/61           | 18.01                     | 18.16      |             | 21.36                      | 0.137 | < 1 W (30 dBm)    |
|               |           | 5795                   | 242/62           | 18.08                     | 18.22      |             | 21.42                      | 0.139 |                   |
|               |           |                        |                  |                           |            |             |                            |       |                   |

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| Mode          | UNII Band | Centre Frequency (MHz) | RU Configuration | Average Output Power(dBm) |            | 10log (1/X) | Total Average Output Power |       | Limit             |
|---------------|-----------|------------------------|------------------|---------------------------|------------|-------------|----------------------------|-------|-------------------|
|               |           |                        |                  | WiFi 4 (R)                | WiFi 3 (L) |             | (dBm)                      | (W)   |                   |
| 802.11ax-HE80 | NII-I     | 5210                   | 484/65           | 14.78                     | 14.70      | 0.54        | 18.29                      | 0.067 | < 250 mW (24 dBm) |
|               | NII-2A    | 5290                   | 484/66           | 14.39                     | 14.79      |             | 18.15                      | 0.065 |                   |
|               | NII-2C    | 5530                   | 484/65           | 15.99                     | 16.08      |             | 19.59                      | 0.091 |                   |
|               |           | 5610                   | 484/66           | 16.01                     | 16.28      |             | 19.70                      | 0.093 |                   |
|               | NII-III   | 5775                   | 484/65           | 18.16                     | 18.59      |             | 21.93                      | 0.156 | < 1 W (30 dBm)    |
|               |           |                        | 484/66           | 18.23                     | 18.65      |             | 22.00                      | 0.158 |                   |

Note: The results have been included cable loss.

## A.4.2 Measurement Plots

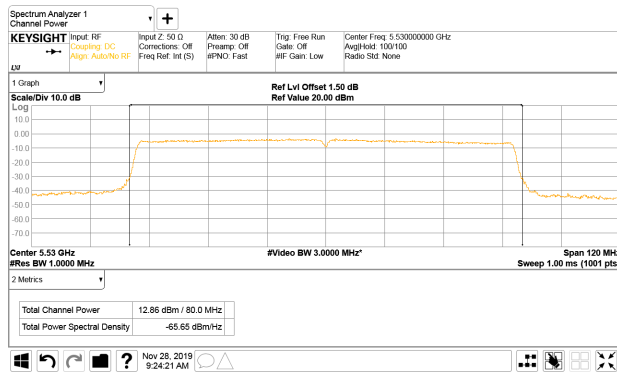
### Chipset: MT7668AUN



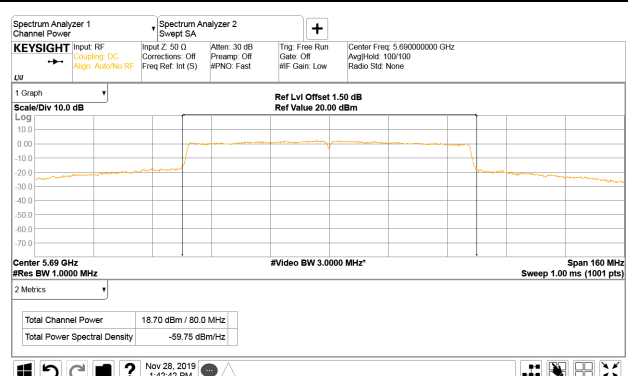
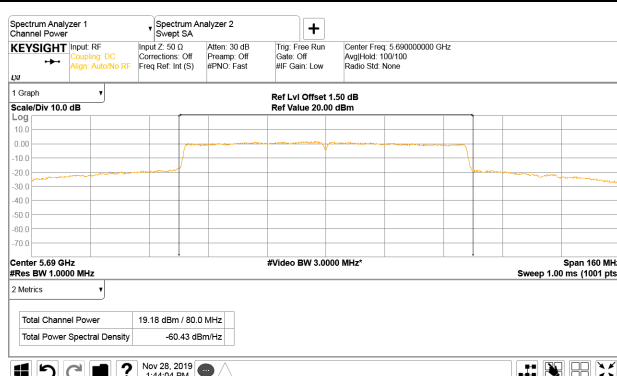
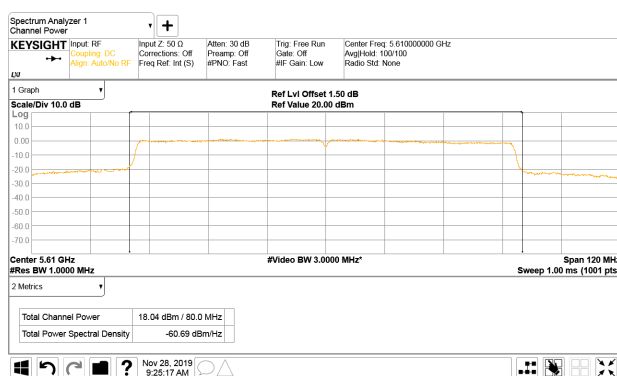
## 802.11ac-VHT80

### NII-2C

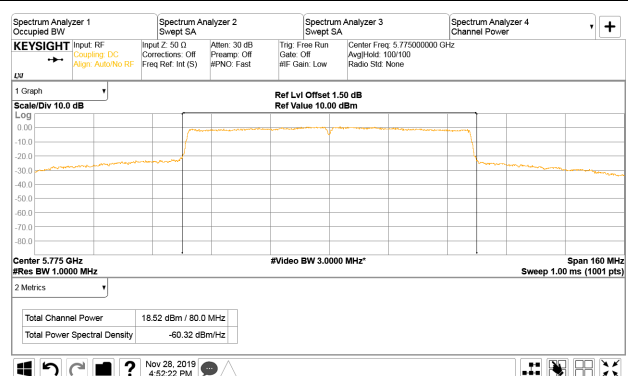
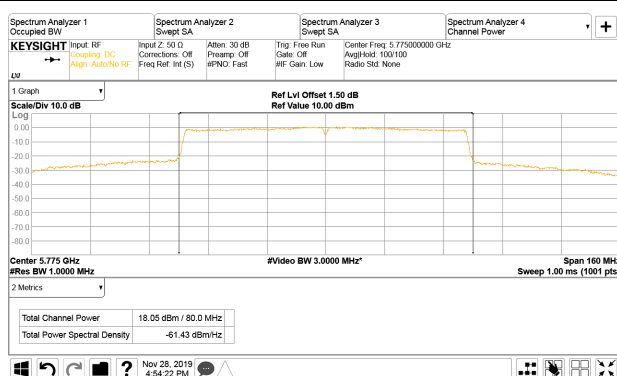
#### WiFi 1 (R)



#### WiFi 2 (L)



### NII-III



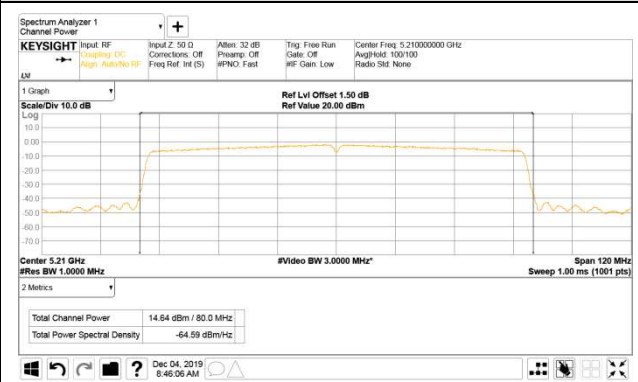
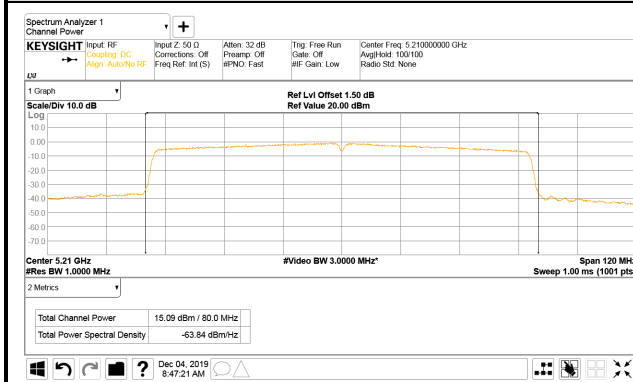
## Chipset: MT7915DUN

802.11ac-VHT80

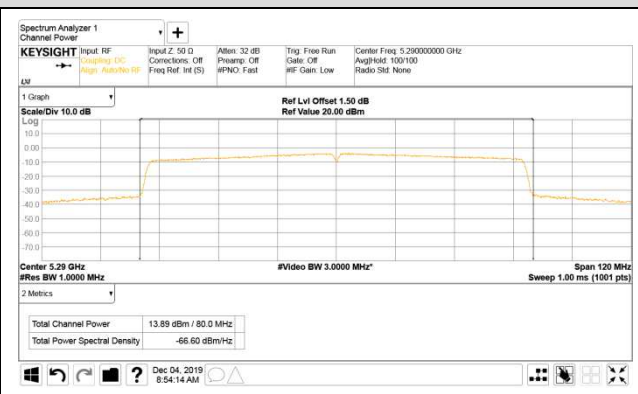
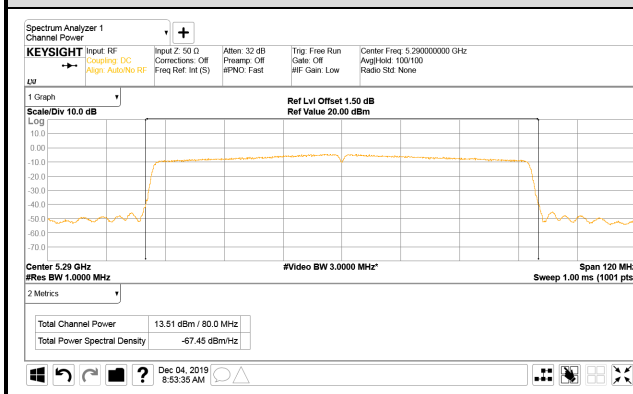
NII-I

WiFi 4 (R)

WiFi 3 (L)



NII-2A

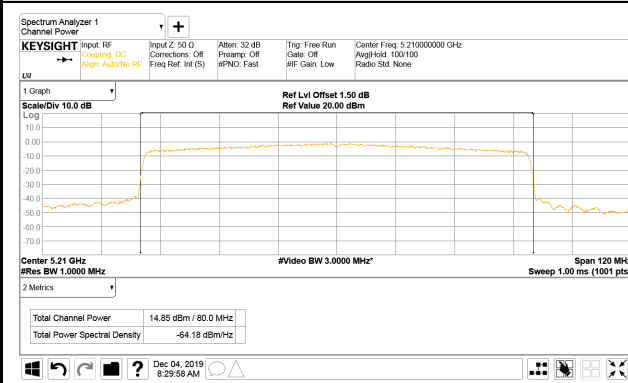




## 802.11ax-HE80

### NII-I

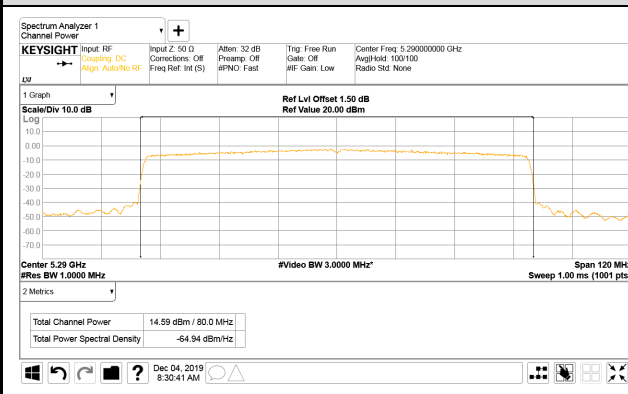
#### WiFi 4 (R)



#### WiFi 3 (L)



### NII-2A



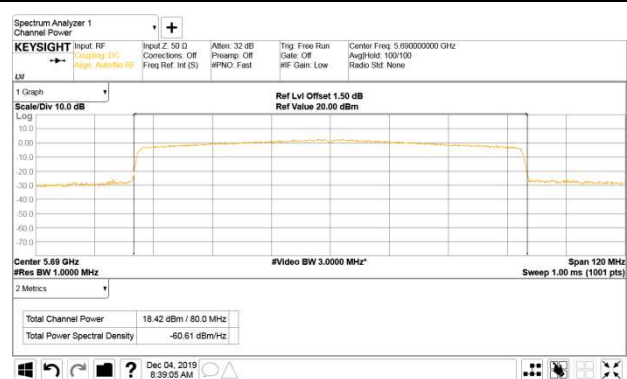
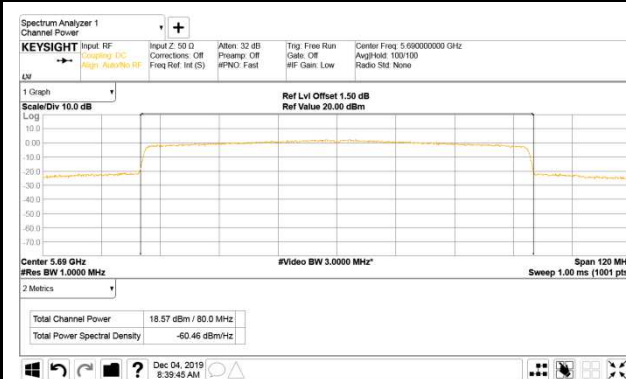
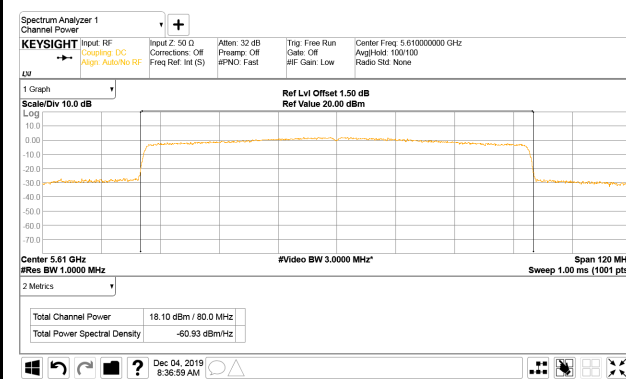
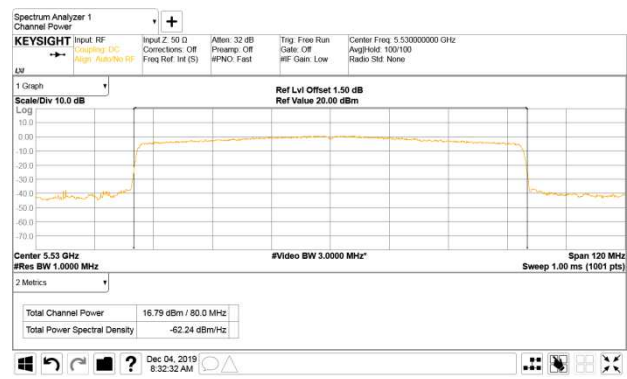
## 802.11ax-HE80

### NII-2C

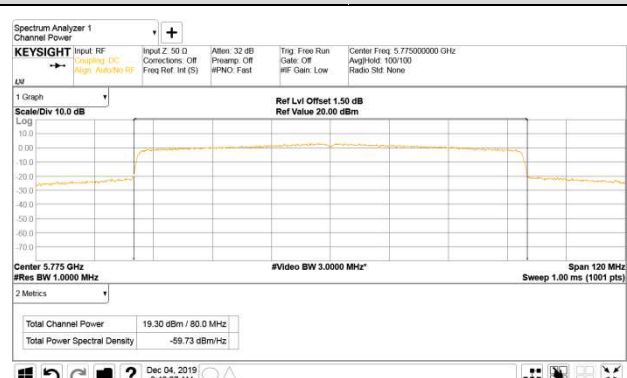
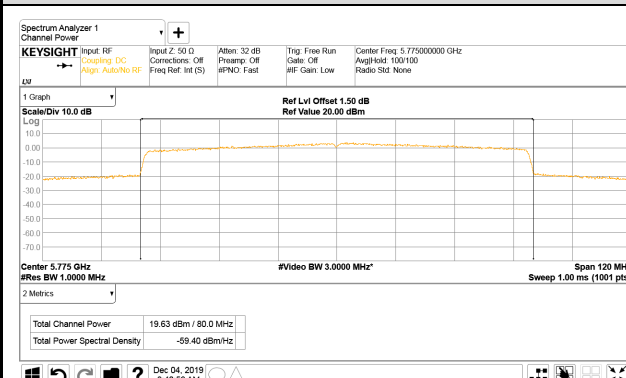
#### WiFi 4 (R)



#### WiFi 3 (L)



### NII-III



## A.5 POWER SPECTRAL DENSITY

|                                                                |                      |                                                                     |                    |
|----------------------------------------------------------------|----------------------|---------------------------------------------------------------------|--------------------|
| Test Date                                                      | 2019/11/28 ~ 12/12   | Temp./Hum.                                                          | 20 ~ 25°C/45 ~ 63% |
| Cable Loss                                                     | 1.5dB                | Tested By                                                           | Kuper Hsu          |
| Test Voltage                                                   | DC 5V (via Test JIG) |                                                                     |                    |
| Simultaneous Factor 10 log(n)<br>(Note: "n" is antenna number) |                      | 802.11a/n-HT20/40: 3<br>802.11ac-VHT80: 3<br>802.11ax-HE20/40/80: 3 |                    |

### A.5.1 Power Spectral Density Result

#### Chipset: MT7668AUN

| Mode    | UNII Band                | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|---------|--------------------------|------------------------|------------------------------|---------------|
| 802.11a | NII-I                    | 5180                   | 9.921                        | 11 dBm/MHz    |
|         |                          | 5200                   | 9.919                        |               |
|         |                          | 5240                   | 9.934                        |               |
|         | NII-2A                   | 5260                   | 9.975                        |               |
|         |                          | 5300                   | 9.879                        |               |
|         |                          | 5320                   | 9.734                        |               |
|         | NII-2C                   | 5500                   | 9.998                        |               |
|         |                          | 5580                   | 9.638                        |               |
|         |                          | 5700                   | 9.856                        |               |
|         |                          | 5720                   | 9.801                        |               |
|         | NII-III <sup>Note2</sup> | 5745                   | 12.105                       | 30dBm/500 kHz |
|         |                          | 5785                   | 12.585                       |               |
|         |                          | 5825                   | 12.244                       |               |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

| Mode           | UNII Band                | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|----------------|--------------------------|------------------------|------------------------------|---------------|
| 802.11n-HT20   | NII-I                    | 5180                   | 9.991                        | 11 dBm/MHz    |
|                |                          | 5200                   | 9.896                        |               |
|                |                          | 5240                   | 9.973                        |               |
|                | NII-2A                   | 5260                   | 9.593                        |               |
|                |                          | 5300                   | 9.882                        |               |
|                |                          | 5320                   | 9.904                        |               |
|                | NII-2C                   | 5500                   | 9.965                        |               |
|                |                          | 5580                   | 9.725                        |               |
|                |                          | 5700                   | 9.507                        |               |
|                |                          | 5720                   | 9.724                        |               |
|                | NII-III <sup>Note2</sup> | 5745                   | 12.122                       | 30dBm/500 kHz |
|                |                          | 5785                   | 12.149                       |               |
|                |                          | 5825                   | 11.938                       |               |
| 802.11n-HT40   | NII-I                    | 5190                   | 7.113                        | 11 dBm/MHz    |
|                |                          | 5230                   | 7.154                        |               |
|                | NII-2A                   | 5270                   | 7.297                        |               |
|                |                          | 5310                   | 7.498                        |               |
|                | NII-2C                   | 5510                   | 5.661                        |               |
|                |                          | 5550                   | 7.660                        |               |
|                |                          | 5670                   | 9.419                        |               |
|                |                          | 5710                   | 8.621                        |               |
|                | NII-III <sup>Note2</sup> | 5755                   | 8.490                        | 30dBm/500 kHz |
|                |                          | 5795                   | 8.544                        |               |
| 802.11ac-VHT80 | NII-I                    | 5210                   | 0.795                        | 11 dBm/MHz    |
|                | NII-2A                   | 5290                   | 2.830                        |               |
|                | NII-2C                   | 5530                   | 1.080                        |               |
|                |                          | 5610                   | 5.167                        |               |
|                |                          | 5690                   | 5.712                        |               |
|                | NII-III <sup>Note2</sup> | 5775                   | 1.709                        | 30dBm/500 kHz |

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

**Chipset: MT7915DUN**

| Mode    | UNII Band                | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|---------|--------------------------|------------------------|------------------------------|---------------|
| 802.11a | NII-I                    | 5180                   | 9.592                        | 11 dBm/MHz    |
|         |                          | 5200                   | 9.712                        |               |
|         |                          | 5240                   | 9.522                        |               |
|         | NII-2A                   | 5260                   | 9.914                        |               |
|         |                          | 5300                   | 9.832                        |               |
|         |                          | 5320                   | 9.670                        |               |
|         | NII-2C                   | 5500                   | 9.986                        |               |
|         |                          | 5580                   | 9.681                        |               |
|         |                          | 5700                   | 8.656                        |               |
|         |                          | 5720                   | 9.967                        |               |
|         | NII-III <sup>Note2</sup> | 5745                   | 14.484                       | 30dBm/500 kHz |
|         |                          | 5785                   | 13.369                       |               |
|         |                          | 5825                   | 13.212                       |               |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

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| Mode           | UNII Band                | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|----------------|--------------------------|------------------------|------------------------------|---------------|
| 802.11n-HT20   | NII-I                    | 5180                   | 9.960                        | 11 dBm/MHz    |
|                |                          | 5200                   | 9.952                        |               |
|                |                          | 5240                   | 9.640                        |               |
|                | NII-2A                   | 5260                   | 8.864                        |               |
|                |                          | 5300                   | 9.403                        |               |
|                |                          | 5320                   | 9.199                        |               |
|                | NII-2C                   | 5500                   | 9.972                        |               |
|                |                          | 5580                   | 9.725                        |               |
|                |                          | 5700                   | 9.924                        |               |
|                |                          | 5720                   | 9.914                        |               |
|                | NII-III <sup>Note2</sup> | 5745                   | 14.888                       | 30dBm/500 kHz |
|                |                          | 5785                   | 14.496                       |               |
|                |                          | 5825                   | 14.195                       |               |
| 802.11n-HT40   | NII-I                    | 5190                   | 7.778                        | 11 dBm/MHz    |
|                |                          | 5230                   | 7.596                        |               |
|                | NII-2A                   | 5270                   | 6.560                        |               |
|                |                          | 5310                   | 6.504                        |               |
|                | NII-2C                   | 5510                   | 8.395                        |               |
|                |                          | 5550                   | 8.044                        |               |
|                |                          | 5670                   | 9.017                        |               |
|                |                          | 5710                   | 9.747                        |               |
|                | NII-III <sup>Note2</sup> | 5755                   | 12.204                       | 30dBm/500 kHz |
|                |                          | 5795                   | 11.631                       |               |
| 802.11ac-VHT80 | NII-I                    | 5210                   | 4.756                        | 11 dBm/MHz    |
|                | NII-2A                   | 5290                   | 0.395                        |               |
|                | NII-2C                   | 5530                   | -0.244                       |               |
|                |                          | 5610                   | 6.733                        |               |
|                |                          | 5690                   | 7.068                        |               |
|                | NII-III <sup>Note2</sup> | 5775                   | 6.816                        | 30dBm/500 kHz |

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

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| Mode          | UNII Band                | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|---------------|--------------------------|------------------------|------------------------------|---------------|
| 802.11ax-HE20 | NII-I                    | 5180                   | 9.759                        | 11 dBm/MHz    |
|               |                          | 5200                   | 9.780                        |               |
|               |                          | 5240                   | 9.942                        |               |
|               | NII-2A                   | 5260                   | 9.731                        |               |
|               |                          | 5300                   | 9.744                        |               |
|               |                          | 5320                   | 9.856                        |               |
|               | NII-2C                   | 5500                   | 9.914                        |               |
|               |                          | 5580                   | 9.632                        |               |
|               |                          | 5700                   | 9.503                        |               |
|               |                          | 5720                   | 9.923                        |               |
|               | NII-III <sup>Note2</sup> | 5745                   | 13.751                       | 30dBm/500 kHz |
|               |                          | 5785                   | 13.797                       |               |
|               |                          | 5825                   | 13.726                       |               |
| 802.11ax-HE40 | NII-I                    | 5190                   | 7.897                        | 11 dBm/MHz    |
|               |                          | 5230                   | 7.642                        |               |
|               | NII-2A                   | 5270                   | 6.423                        |               |
|               |                          | 5310                   | 6.358                        |               |
|               | NII-2C                   | 5510                   | 8.434                        |               |
|               |                          | 5550                   | 8.205                        |               |
|               |                          | 5670                   | 8.482                        |               |
|               |                          | 5710                   | 9.936                        |               |
|               | NII-III <sup>Note2</sup> | 5755                   | 10.911                       | 30dBm/500 kHz |
|               |                          | 5795                   | 10.864                       |               |
| 802.11ax-HE80 | NII-I                    | 5210                   | 3.564                        | 11 dBm/MHz    |
|               | NII-2A                   | 5290                   | 4.270                        |               |
|               | NII-2C                   | 5530                   | 5.776                        |               |
|               |                          | 5610                   | 6.149                        |               |
|               |                          | 5690                   | 7.209                        |               |
|               | NII-III <sup>Note2</sup> | 5775                   | 5.124                        | 30dBm/500 kHz |

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

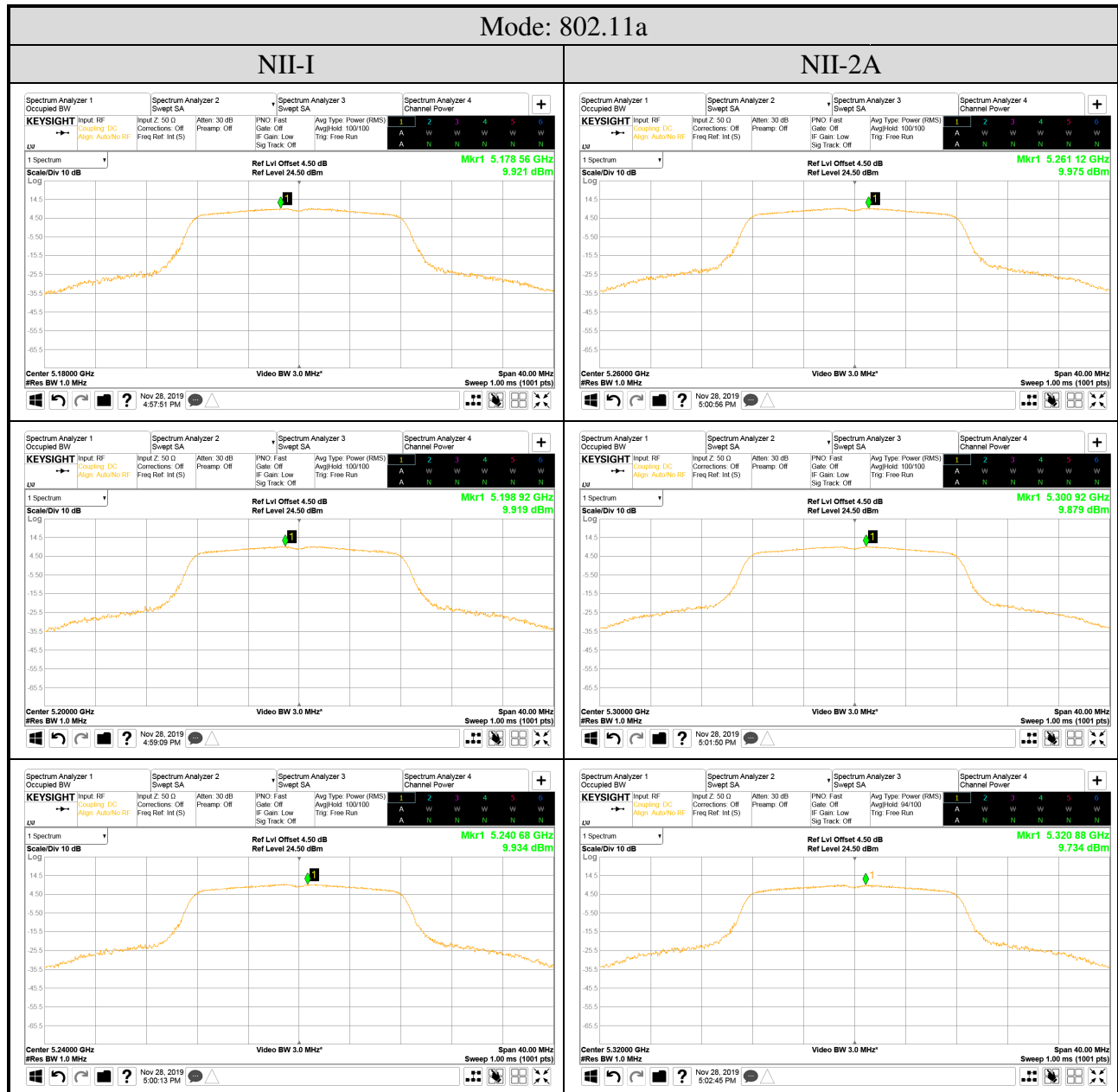
| Mode          | UNII Band                | Centre Frequency (MHz) | RU Configuration | Power Spectral Density (dBm) | Limit         |
|---------------|--------------------------|------------------------|------------------|------------------------------|---------------|
| 802.11ax-HE20 | NII-I                    | 5180                   | 26/0             | 9.631                        | 11 dBm/MHz    |
|               |                          |                        | 52/37            | 9.983                        |               |
|               |                          |                        | 106/53           | 9.776                        |               |
|               | NII-2A                   | 5320                   | 26/8             | 9.562                        |               |
|               |                          |                        | 52/40            | 9.932                        |               |
|               |                          |                        | 106/54           | 9.807                        |               |
|               | NII-2C                   | 5500                   | 26/0             | 9.827                        |               |
|               |                          |                        | 52/37            | 9.929                        |               |
|               |                          |                        | 106/53           | 9.818                        |               |
|               |                          | 5700                   | 26/8             | 9.791                        |               |
|               |                          |                        | 52/40            | 9.860                        |               |
|               |                          |                        | 106/54           | 9.759                        |               |
|               | NII-III <sup>Note2</sup> | 5745                   | 26/0             | 17.451                       | 30dBm/500 kHz |
|               |                          |                        | 52/37            | 16.318                       |               |
|               |                          |                        | 106/53           | 12.676                       |               |
|               |                          | 5825                   | 26/8             | 17.783                       |               |
|               |                          |                        | 52/40            | 16.725                       |               |
|               |                          |                        | 106/54           | 13.243                       |               |
| 802.11ax-HE40 | NII-I                    | 5190                   | 242/61           | 9.833                        | 11 dBm/MHz    |
|               | NII-2A                   | 5310                   | 242/62           | 9.978                        |               |
|               | NII-2C                   | 5510                   | 242/61           | 9.845                        |               |
|               |                          | 5670                   | 242/62           | 9.708                        |               |
|               | NII-III <sup>Note2</sup> | 5755                   | 242/61           | 9.242                        | 30dBm/500 kHz |
|               |                          | 5795                   | 242/62           | 11.294                       |               |
| 802.11ax-HE80 | NII-I                    | 5210                   | 484/65           | 4.618                        | 11 dBm/MHz    |
|               | NII-2A                   | 5290                   | 484/66           | 3.319                        |               |
|               | NII-2C                   | 5530                   | 484/65           | 6.527                        |               |
|               |                          | 5610                   | 484/66           | 4.910                        |               |
|               | NII-III <sup>Note2</sup> | 5775                   | 484/65           | 4.035                        | 30dBm/500 kHz |
|               |                          |                        | 484/66           | 4.545                        |               |

Note 1: All results have been included cable loss and Simultaneous Factor.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

## A.5.2 Measurement Plots

### Chipset: MT7668AUN



Mode: 802.11a

NII-2C

NII-III

