

## A.4 MAXIMUM PEAK OUTPUT POWER

|              |                                |            |                 |
|--------------|--------------------------------|------------|-----------------|
| Test Date    | 2019/09/18 ~ 27                | Temp./Hum. | 24~25°C /49~51% |
| Test Voltage | AC 120V, 60Hz (via AC Adapter) | Tested By  | Martin Chen     |
| Cable Loss   | ---                            | Test Model | 15Z90N          |

### A.4.1 Peak Output Power

#### Test SKU: SKU #1

| Mode    | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11b | 2412                   | 21.72                   | 21.89   | 21.89                  | 0.155 | 4.54               | 26.43                   | 0.440 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 22.40                   | 22.43   | 22.43                  | 0.175 |                    | 26.97                   | 0.498 |                                                                        |
|         | 2442                   | 22.53                   | 22.52   | 22.53                  | 0.179 |                    | 27.07                   | 0.509 |                                                                        |
|         | 2457                   | 22.52                   | 22.41   | 22.52                  | 0.179 |                    | 27.06                   | 0.508 |                                                                        |
|         | 2462                   | 21.61                   | 21.55   | 21.61                  | 0.145 |                    | 26.15                   | 0.412 |                                                                        |
|         | 2467                   | 20.72                   | 20.65   | 20.72                  | 0.118 |                    | 25.26                   | 0.336 |                                                                        |
|         | 2472                   | 15.64                   | 15.56   | 15.64                  | 0.037 |                    | 20.18                   | 0.104 |                                                                        |

| Mode    | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11g | 2412                   | 21.59                   | 21.78   | 21.78                  | 0.151 | 4.54               | 26.32                   | 0.429 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 22.49                   | 22.46   | 22.49                  | 0.177 |                    | 27.03                   | 0.505 |                                                                        |
|         | 2442                   | 23.71                   | 23.81   | 23.81                  | 0.240 |                    | 28.35                   | 0.684 |                                                                        |
|         | 2457                   | 22.77                   | 22.64   | 22.77                  | 0.189 |                    | 27.31                   | 0.538 |                                                                        |
|         | 2462                   | 22.14                   | 22.05   | 22.14                  | 0.164 |                    | 26.68                   | 0.466 |                                                                        |
|         | 2467                   | 19.81                   | 19.79   | 19.81                  | 0.096 |                    | 24.35                   | 0.272 |                                                                        |
|         | 2472                   | 12.92                   | 12.29   | 12.92                  | 0.020 |                    | 17.46                   | 0.056 |                                                                        |

Note: The results have been included cable loss.

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| Mode         | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11n-HT20 | 2412                   | 19.04                   | 19.25   | 22.16                   | 0.164 | 4.54               | 26.70                   | 0.468 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2417                   | 20.21                   | 20.11   | 23.17                   | 0.207 |                    | 27.71                   | 0.590 |                                                                        |
|              | 2442                   | 22.01                   | 21.96   | 25.00                   | 0.316 |                    | 29.54                   | 0.899 |                                                                        |
|              | 2457                   | 20.38                   | 20.34   | 23.37                   | 0.217 |                    | 27.91                   | 0.618 |                                                                        |
|              | 2462                   | 19.65                   | 19.51   | 22.59                   | 0.182 |                    | 27.13                   | 0.516 |                                                                        |
|              | 2467                   | 17.11                   | 17.01   | 20.07                   | 0.102 |                    | 24.61                   | 0.289 |                                                                        |
|              | 2472                   | 10.01                   | 9.81    | 12.92                   | 0.020 |                    | 17.46                   | 0.056 |                                                                        |

| Mode         | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11n-HT40 | 2422                   | 19.32                   | 19.22   | 22.28                   | 0.169 | 4.54               | 26.82                   | 0.481 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2427                   | 18.22                   | 18.17   | 21.21                   | 0.132 |                    | 25.75                   | 0.376 |                                                                        |
|              | 2442                   | 19.96                   | 19.82   | 22.90                   | 0.195 |                    | 27.44                   | 0.555 |                                                                        |
|              | 2447                   | 19.98                   | 19.93   | 22.97                   | 0.198 |                    | 27.51                   | 0.564 |                                                                        |
|              | 2452                   | 18.69                   | 18.64   | 21.68                   | 0.147 |                    | 26.22                   | 0.419 |                                                                        |
|              | 2457                   | 15.36                   | 15.14   | 18.26                   | 0.067 |                    | 22.80                   | 0.191 |                                                                        |
|              | 2462                   | 12.02                   | 11.02   | 14.56                   | 0.029 |                    | 19.10                   | 0.081 |                                                                        |

| Mode          | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE20 | 2412                   | 18.98                   | 19.22   | 22.11                   | 0.163 | 4.54               | 26.65                   | 0.462 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2417                   | 20.23                   | 20.17   | 23.21                   | 0.209 |                    | 27.75                   | 0.596 |                                                                        |
|               | 2442                   | 21.93                   | 21.95   | 24.95                   | 0.313 |                    | 29.49                   | 0.889 |                                                                        |
|               | 2457                   | 20.40                   | 20.21   | 23.32                   | 0.215 |                    | 27.86                   | 0.611 |                                                                        |
|               | 2462                   | 19.63                   | 19.53   | 22.59                   | 0.182 |                    | 27.13                   | 0.516 |                                                                        |
|               | 2467                   | 16.98                   | 17.04   | 20.02                   | 0.100 |                    | 24.56                   | 0.286 |                                                                        |
|               | 2472                   | 10.21                   | 9.91    | 13.07                   | 0.020 |                    | 17.61                   | 0.058 |                                                                        |

Note: The results have been included cable loss.

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| Mode          | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE40 | 2422                   | 19.08                   | 19.13   | 22.12                   | 0.163 | 4.54               | 26.66                   | 0.463 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2427                   | 18.02                   | 17.94   | 20.99                   | 0.126 |                    | 25.53                   | 0.357 |                                                                        |
|               | 2442                   | 19.84                   | 19.79   | 22.83                   | 0.192 |                    | 27.37                   | 0.546 |                                                                        |
|               | 2447                   | 19.81                   | 19.73   | 22.78                   | 0.190 |                    | 27.32                   | 0.540 |                                                                        |
|               | 2452                   | 18.35                   | 18.41   | 21.39                   | 0.138 |                    | 25.93                   | 0.392 |                                                                        |
|               | 2457                   | 15.11                   | 14.94   | 18.04                   | 0.064 |                    | 22.58                   | 0.181 |                                                                        |
|               | 2462                   | 11.93                   | 10.60   | 14.33                   | 0.027 |                    | 18.87                   | 0.077 |                                                                        |

| Mode          | RU Config | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                               |
|---------------|-----------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|---------------------------------------------------------------------|
|               |           |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                     |
| 802.11ax-HE20 | 26/0      | 2412                   | 23.52                   | 23.65   | 26.60                   | 0.457 | 4.54               | 31.14                   | 1.300 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W) (E.I.R.P) |
|               | 52/37     |                        | 23.55                   | 23.62   | 26.60                   | 0.457 |                    | 31.14                   | 1.300 |                                                                     |
|               | 106/53    |                        | 23.42                   | 23.67   | 26.56                   | 0.453 |                    | 31.10                   | 1.288 |                                                                     |
|               | 26/8      | 2472                   | 10.74                   | 10.07   | 13.43                   | 0.022 |                    | 17.97                   | 0.063 |                                                                     |
|               | 52/40     |                        | 10.93                   | 10.11   | 13.55                   | 0.023 |                    | 18.09                   | 0.064 |                                                                     |
|               | 106/54    |                        | 10.97                   | 10.24   | 13.63                   | 0.023 |                    | 18.17                   | 0.066 |                                                                     |

| Mode          | RU Config | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                               |
|---------------|-----------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|---------------------------------------------------------------------|
|               |           |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                     |
| 802.11ax-HE40 | 242/61    | 2422                   | 23.44                   | 13.65   | 23.87                   | 0.244 | 4.54               | 28.41                   | 0.693 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W) (E.I.R.P) |
|               | 242/62    | 2467                   | 14.18                   | 14.08   | 17.14                   | 0.052 |                    | 21.68                   | 0.147 |                                                                     |

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| Mode               | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|                    |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| BLE (1M)           | 2402                   | 4.85                    | ---     | 4.85                   | 0.003 | 4.54               | 9.39                    | 0.009 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|                    | 2440                   | 5.37                    | ---     | 5.37                   | 0.003 |                    | 9.91                    | 0.010 |                                                                        |
|                    | 2480                   | 4.66                    | ---     | 4.66                   | 0.003 |                    | 9.20                    | 0.008 |                                                                        |
| BLE (2M)           | 2402                   | 4.84                    | ---     | 4.84                   | 0.003 |                    | 9.38                    | 0.009 |                                                                        |
|                    | 2440                   | 5.37                    | ---     | 5.37                   | 0.003 |                    | 9.91                    | 0.010 |                                                                        |
|                    | 2480                   | 4.66                    | ---     | 4.66                   | 0.003 |                    | 9.20                    | 0.008 |                                                                        |
| BLE (PHY Coded S2) | 2402                   | 4.82                    | ---     | 4.82                   | 0.003 |                    | 9.36                    | 0.009 |                                                                        |
|                    | 2440                   | 5.36                    | ---     | 5.36                   | 0.003 |                    | 9.90                    | 0.010 |                                                                        |
|                    | 2480                   | 4.65                    | ---     | 4.65                   | 0.003 |                    | 9.19                    | 0.008 |                                                                        |
| BLE (PHY Coded S8) | 2402                   | 4.82                    | ---     | 4.82                   | 0.003 |                    | 9.36                    | 0.009 |                                                                        |
|                    | 2440                   | 5.36                    | ---     | 5.36                   | 0.003 |                    | 9.90                    | 0.010 |                                                                        |
|                    | 2480                   | 4.65                    | ---     | 4.65                   | 0.003 |                    | 9.19                    | 0.008 |                                                                        |

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### Test SKU: SKU #2

| Mode    | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11b | 2412                   | 21.72                   | 21.89   | 21.89                  | 0.155 | 4.5                | 26.39                   | 0.436 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 22.40                   | 22.43   | 22.43                  | 0.175 |                    | 26.93                   | 0.493 |                                                                        |
|         | 2442                   | 22.53                   | 22.52   | 22.53                  | 0.179 |                    | 27.03                   | 0.505 |                                                                        |
|         | 2457                   | 22.52                   | 22.41   | 22.52                  | 0.179 |                    | 27.02                   | 0.504 |                                                                        |
|         | 2462                   | 21.61                   | 21.55   | 21.61                  | 0.145 |                    | 26.11                   | 0.408 |                                                                        |
|         | 2467                   | 20.72                   | 20.65   | 20.72                  | 0.118 |                    | 25.22                   | 0.333 |                                                                        |
|         | 2472                   | 15.64                   | 15.56   | 15.64                  | 0.037 |                    | 20.14                   | 0.103 |                                                                        |

| Mode    | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11g | 2412                   | 21.59                   | 21.78   | 21.78                  | 0.151 | 4.5                | 26.28                   | 0.425 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 22.49                   | 22.46   | 22.49                  | 0.177 |                    | 26.99                   | 0.500 |                                                                        |
|         | 2442                   | 23.71                   | 23.81   | 23.81                  | 0.240 |                    | 28.31                   | 0.678 |                                                                        |
|         | 2457                   | 22.77                   | 22.64   | 22.77                  | 0.189 |                    | 27.27                   | 0.533 |                                                                        |
|         | 2462                   | 22.14                   | 22.05   | 22.14                  | 0.164 |                    | 26.64                   | 0.461 |                                                                        |
|         | 2467                   | 19.81                   | 19.79   | 19.81                  | 0.096 |                    | 24.31                   | 0.270 |                                                                        |
|         | 2472                   | 12.92                   | 12.29   | 12.92                  | 0.020 |                    | 17.42                   | 0.055 |                                                                        |

| Mode         | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11n-HT20 | 2412                   | 19.04                   | 19.25   | 22.16                   | 0.164 | 4.5                | 26.66                   | 0.463 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2417                   | 20.21                   | 20.11   | 23.17                   | 0.207 |                    | 27.67                   | 0.585 |                                                                        |
|              | 2442                   | 22.01                   | 21.96   | 25.00                   | 0.316 |                    | 29.50                   | 0.891 |                                                                        |
|              | 2457                   | 20.38                   | 20.34   | 23.37                   | 0.217 |                    | 27.87                   | 0.612 |                                                                        |
|              | 2462                   | 19.65                   | 19.51   | 22.59                   | 0.182 |                    | 27.09                   | 0.512 |                                                                        |
|              | 2467                   | 17.11                   | 17.01   | 20.07                   | 0.102 |                    | 24.57                   | 0.286 |                                                                        |
|              | 2472                   | 10.01                   | 9.81    | 12.92                   | 0.020 |                    | 17.42                   | 0.055 |                                                                        |

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| Mode         | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11n-HT40 | 2422                   | 19.32                   | 19.22   | 22.28                   | 0.169 | 4.5                | 26.78                   | 0.476 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2427                   | 18.22                   | 18.17   | 21.21                   | 0.132 |                    | 25.71                   | 0.372 |                                                                        |
|              | 2442                   | 19.96                   | 19.82   | 22.90                   | 0.195 |                    | 27.40                   | 0.550 |                                                                        |
|              | 2447                   | 19.98                   | 19.93   | 22.97                   | 0.198 |                    | 27.47                   | 0.558 |                                                                        |
|              | 2452                   | 18.69                   | 18.64   | 21.68                   | 0.147 |                    | 26.18                   | 0.415 |                                                                        |
|              | 2457                   | 15.36                   | 15.14   | 18.26                   | 0.067 |                    | 22.76                   | 0.189 |                                                                        |
|              | 2462                   | 12.02                   | 11.02   | 14.56                   | 0.029 |                    | 19.06                   | 0.081 |                                                                        |

| Mode          | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE20 | 2412                   | 18.98                   | 19.22   | 22.11                   | 0.163 | 4.5                | 26.61                   | 0.458 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2417                   | 20.23                   | 20.17   | 23.21                   | 0.209 |                    | 27.71                   | 0.590 |                                                                        |
|               | 2442                   | 21.93                   | 21.95   | 24.95                   | 0.313 |                    | 29.45                   | 0.881 |                                                                        |
|               | 2457                   | 20.40                   | 20.21   | 23.32                   | 0.215 |                    | 27.82                   | 0.605 |                                                                        |
|               | 2462                   | 19.63                   | 19.53   | 22.59                   | 0.182 |                    | 27.09                   | 0.512 |                                                                        |
|               | 2467                   | 16.98                   | 17.04   | 20.02                   | 0.100 |                    | 24.52                   | 0.283 |                                                                        |
|               | 2472                   | 10.21                   | 9.91    | 13.07                   | 0.020 |                    | 17.57                   | 0.057 |                                                                        |

| Mode          | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE40 | 2422                   | 19.08                   | 19.13   | 22.12                   | 0.163 | 4.5                | 26.62                   | 0.459 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2427                   | 18.02                   | 17.94   | 20.99                   | 0.126 |                    | 25.49                   | 0.354 |                                                                        |
|               | 2442                   | 19.84                   | 19.79   | 22.83                   | 0.192 |                    | 27.33                   | 0.541 |                                                                        |
|               | 2447                   | 19.81                   | 19.73   | 22.78                   | 0.190 |                    | 27.28                   | 0.535 |                                                                        |
|               | 2452                   | 18.35                   | 18.41   | 21.39                   | 0.138 |                    | 25.89                   | 0.388 |                                                                        |
|               | 2457                   | 15.11                   | 14.94   | 18.04                   | 0.064 |                    | 22.54                   | 0.179 |                                                                        |
|               | 2462                   | 11.93                   | 10.60   | 14.33                   | 0.027 |                    | 18.83                   | 0.076 |                                                                        |

Note: The results have been included cable loss.

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| Mode          | RU Config | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                               |
|---------------|-----------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|---------------------------------------------------------------------|
|               |           |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                     |
| 802.11ax-HE20 | 26/0      | 2412                   | 23.52                   | 23.65   | 26.60                   | 0.457 | 4.5                | 31.10                   | 1.288 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W) (E.I.R.P) |
|               | 52/37     |                        | 23.55                   | 23.62   | 26.60                   | 0.457 |                    | 31.10                   | 1.288 |                                                                     |
|               | 106/53    |                        | 23.42                   | 23.67   | 26.56                   | 0.453 |                    | 31.06                   | 1.276 |                                                                     |
|               | 26/8      | 2472                   | 10.74                   | 10.07   | 13.43                   | 0.022 |                    | 17.93                   | 0.062 |                                                                     |
|               | 52/40     |                        | 10.93                   | 10.11   | 13.55                   | 0.023 |                    | 18.05                   | 0.064 |                                                                     |
|               | 106/54    |                        | 10.97                   | 10.24   | 13.63                   | 0.023 |                    | 18.13                   | 0.065 |                                                                     |

| Mode          | RU Config | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Total Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                               |
|---------------|-----------|------------------------|-------------------------|---------|-------------------------|-------|--------------------|-------------------------|-------|---------------------------------------------------------------------|
|               |           |                        | Chain 0                 | Chain 1 | (dBm)                   | (W)   |                    | (dBm)                   | (W)   |                                                                     |
| 802.11ax-HE40 | 242/61    | 2422                   | 23.44                   | 13.65   | 23.87                   | 0.244 | 4.5                | 28.37                   | 0.687 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W) (E.I.R.P) |
|               | 242/62    | 2467                   | 14.18                   | 14.08   | 17.14                   | 0.052 |                    | 21.64                   | 0.146 |                                                                     |

Note: The results have been included cable loss.

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| Mode               | Centre Frequency (MHz) | Peak Output Power (dBm) |         | Max. Peak Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------------|------------------------|-------------------------|---------|------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|                    |                        | Chain 0                 | Chain 1 | (dBm)                  | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| BLE (1M)           | 2402                   | 4.85                    | ---     | 4.85                   | 0.003 | 4.5                | 9.35                    | 0.009 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|                    | 2440                   | 5.37                    | ---     | 5.37                   | 0.003 |                    | 9.87                    | 0.010 |                                                                        |
|                    | 2480                   | 4.66                    | ---     | 4.66                   | 0.003 |                    | 9.16                    | 0.008 |                                                                        |
| BLE (2M)           | 2402                   | 4.84                    | ---     | 4.84                   | 0.003 |                    | 9.34                    | 0.009 |                                                                        |
|                    | 2440                   | 5.37                    | ---     | 5.37                   | 0.003 |                    | 9.87                    | 0.010 |                                                                        |
|                    | 2480                   | 4.66                    | ---     | 4.66                   | 0.003 |                    | 9.16                    | 0.008 |                                                                        |
| BLE (PHY Coded S2) | 2402                   | 4.82                    | ---     | 4.82                   | 0.003 |                    | 9.32                    | 0.009 |                                                                        |
|                    | 2440                   | 5.36                    | ---     | 5.36                   | 0.003 |                    | 9.86                    | 0.010 |                                                                        |
|                    | 2480                   | 4.65                    | ---     | 4.65                   | 0.003 |                    | 9.15                    | 0.008 |                                                                        |
| BLE (PHY Coded S8) | 2402                   | 4.82                    | ---     | 4.82                   | 0.003 |                    | 9.32                    | 0.009 |                                                                        |
|                    | 2440                   | 5.36                    | ---     | 5.36                   | 0.003 |                    | 9.86                    | 0.010 |                                                                        |
|                    | 2480                   | 4.65                    | ---     | 4.65                   | 0.003 |                    | 9.15                    | 0.008 |                                                                        |

Note: The results have been included cable loss.

## A.4.2 Average Output Power (Reporting only)

### Test SKU: SKU #1

| Mode    | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Max. Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|----------------------------|---------|-------------|---------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                    | Chain 1 |             | (dBm)                     | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11b | 2412                   | 19.16                      | 19.35   | 0           | 19.35                     | 0.086 | 4.54               | 23.89                           | 0.245 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 19.91                      | 19.96   |             | 19.96                     | 0.099 |                    | 24.50                           | 0.282 |                                                                        |
|         | 2442                   | 20.04                      | 20.02   |             | 20.04                     | 0.101 |                    | 24.58                           | 0.287 |                                                                        |
|         | 2457                   | 20.02                      | 19.95   |             | 20.02                     | 0.100 |                    | 24.56                           | 0.286 |                                                                        |
|         | 2462                   | 19.08                      | 18.91   |             | 19.08                     | 0.081 |                    | 23.62                           | 0.230 |                                                                        |
|         | 2467                   | 18.18                      | 18.08   |             | 18.18                     | 0.066 |                    | 22.72                           | 0.187 |                                                                        |
|         | 2472                   | 13.08                      | 13.05   |             | 13.08                     | 0.020 |                    | 17.62                           | 0.058 |                                                                        |

| Mode    | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Max. Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|----------------------------|---------|-------------|---------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                    | Chain 1 |             | (dBm)                     | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11g | 2412                   | 16.72                      | 16.91   | 0           | 16.91                     | 0.049 | 4.54               | 21.45                           | 0.140 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 17.94                      | 17.9    |             | 17.94                     | 0.062 |                    | 22.48                           | 0.177 |                                                                        |
|         | 2442                   | 19.63                      | 19.74   |             | 19.74                     | 0.094 |                    | 24.28                           | 0.268 |                                                                        |
|         | 2457                   | 18.21                      | 18.05   |             | 18.21                     | 0.066 |                    | 22.75                           | 0.188 |                                                                        |
|         | 2462                   | 17.47                      | 17.37   |             | 17.47                     | 0.056 |                    | 22.01                           | 0.159 |                                                                        |
|         | 2467                   | 14.79                      | 14.78   |             | 14.79                     | 0.030 |                    | 19.33                           | 0.086 |                                                                        |
|         | 2472                   | 1.52                       | 1.28    |             | 1.52                      | 0.001 |                    | 6.06                            | 0.004 |                                                                        |

| Mode         | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11n-HT20 | 2412                   | 14.01                      | 14.23   | 0           | 17.13                      | 0.052 | 4.54               | 21.67                           | 0.147 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2417                   | 15.45                      | 15.38   |             | 18.43                      | 0.070 |                    | 22.97                           | 0.198 |                                                                        |
|              | 2442                   | 17.15                      | 17.13   |             | 20.15                      | 0.104 |                    | 24.69                           | 0.294 |                                                                        |
|              | 2457                   | 15.63                      | 15.55   |             | 18.60                      | 0.072 |                    | 23.14                           | 0.206 |                                                                        |
|              | 2462                   | 14.83                      | 14.63   |             | 17.74                      | 0.059 |                    | 22.28                           | 0.169 |                                                                        |
|              | 2467                   | 11.95                      | 11.84   |             | 14.91                      | 0.031 |                    | 19.45                           | 0.088 |                                                                        |
|              | 2472                   | -0.04                      | -0.86   |             | 2.58                       | 0.002 |                    | 7.12                            | 0.005 |                                                                        |

Note: The results have been included cable loss.

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| Mode         | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11n-HT40 | 2422                   | 13.83                      | 13.81   | 0           | 16.83                      | 0.048 | 4.54               | 21.37                           | 0.137 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2427                   | 12.8                       | 12.73   |             | 15.78                      | 0.038 |                    | 20.32                           | 0.108 |                                                                        |
|              | 2442                   | 14.65                      | 14.59   |             | 17.63                      | 0.058 |                    | 22.17                           | 0.165 |                                                                        |
|              | 2447                   | 14.78                      | 14.73   |             | 17.77                      | 0.060 |                    | 22.31                           | 0.170 |                                                                        |
|              | 2452                   | 13.14                      | 13.22   |             | 16.19                      | 0.042 |                    | 20.73                           | 0.118 |                                                                        |
|              | 2457                   | 9.53                       | 9.42    |             | 12.49                      | 0.018 |                    | 17.03                           | 0.050 |                                                                        |
|              | 2462                   | 1.41                       | 0.54    |             | 4.01                       | 0.003 |                    | 8.55                            | 0.007 |                                                                        |

| Mode          | Centre Frequency (MHz) | Average Output Power (dBm) |         | Total Average Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|----------------------------|---------|----------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                    | Chain 1 | (dBm)                      | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE20 | 2412                   | 13.92                      | 14.12   | 17.03                      | 0.050 | 4.54               | 21.57                   | 0.144 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2417                   | 15.28                      | 15.22   | 18.26                      | 0.067 |                    | 22.80                   | 0.191 |                                                                        |
|               | 2442                   | 17.03                      | 17.05   | 20.05                      | 0.101 |                    | 24.59                   | 0.288 |                                                                        |
|               | 2457                   | 15.56                      | 15.39   | 18.49                      | 0.071 |                    | 23.03                   | 0.201 |                                                                        |
|               | 2462                   | 14.68                      | 14.58   | 17.64                      | 0.058 |                    | 22.18                   | 0.165 |                                                                        |
|               | 2467                   | 11.78                      | 11.79   | 14.80                      | 0.030 |                    | 19.34                   | 0.086 |                                                                        |
|               | 2472                   | -0.11                      | -0.95   | 2.50                       | 0.002 |                    | 7.04                    | 0.005 |                                                                        |

| Mode          | Centre Frequency (MHz) | Average Output Power (dBm) |         | Total Average Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|----------------------------|---------|----------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                    | Chain 1 | (dBm)                      | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE40 | 2422                   | 13.66                      | 13.7    | 16.69                      | 0.047 | 4.54               | 21.23                   | 0.133 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2427                   | 12.61                      | 12.49   | 15.56                      | 0.036 |                    | 20.10                   | 0.102 |                                                                        |
|               | 2442                   | 14.47                      | 14.42   | 17.46                      | 0.056 |                    | 22.00                   | 0.158 |                                                                        |
|               | 2447                   | 14.58                      | 14.55   | 17.58                      | 0.057 |                    | 22.12                   | 0.163 |                                                                        |
|               | 2452                   | 12.96                      | 13      | 15.99                      | 0.040 |                    | 20.53                   | 0.113 |                                                                        |
|               | 2457                   | 9.28                       | 9.24    | 12.27                      | 0.017 |                    | 16.81                   | 0.048 |                                                                        |
|               | 2462                   | 1.06                       | 0.14    | 3.63                       | 0.002 |                    | 8.17                    | 0.007 |                                                                        |

Note: The results have been included cable loss.

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| Mode          | RU Config | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|-----------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|               |           |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11ax-HE20 | 26/0      | 2412                   | 14.13                      | 14.45   | 0           | 17.30                      | 0.054 | 4.54               | 21.84                           | 0.153 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 52/37     |                        | 14.26                      | 14.43   |             | 17.36                      | 0.054 |                    | 21.90                           | 0.155 |                                                                        |
|               | 106/53    |                        | 14.28                      | 14.48   |             | 17.39                      | 0.055 |                    | 21.93                           | 0.156 |                                                                        |
|               | 26/8      | 2472                   | -1.36                      | -2.57   |             | 1.09                       | 0.001 |                    | 5.63                            | 0.004 |                                                                        |
|               | 52/40     |                        | -1.13                      | -2.29   |             | 1.34                       | 0.001 |                    | 5.88                            | 0.004 |                                                                        |
|               | 106/54    |                        | -1.02                      | -2.05   |             | 1.51                       | 0.001 |                    | 6.05                            | 0.004 |                                                                        |

| Mode          | RU Config | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|-----------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|               |           |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11ax-HE40 | 242/61    | 2422                   | 13.85                      | 14.08   | 0           | 16.98                      | 0.050 | 4.54               | 21.52                           | 0.142 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 242/62    | 2467                   | 1.27                       | 1.17    |             | 4.23                       | 0.003 |                    | 8.77                            | 0.008 |                                                                        |

Note: The results have been included cable loss.

**Test SKU: SKU #2**

| Mode    | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Max. Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|----------------------------|---------|-------------|---------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                    | Chain 1 |             | (dBm)                     | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11b | 2412                   | 19.16                      | 19.35   | 0           | 19.35                     | 0.086 | 4.5                | 23.85                           | 0.243 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 19.91                      | 19.96   |             | 19.96                     | 0.099 |                    | 24.46                           | 0.279 |                                                                        |
|         | 2442                   | 20.04                      | 20.02   |             | 20.04                     | 0.101 |                    | 24.54                           | 0.284 |                                                                        |
|         | 2457                   | 20.02                      | 19.95   |             | 20.02                     | 0.100 |                    | 24.52                           | 0.283 |                                                                        |
|         | 2462                   | 19.08                      | 18.91   |             | 19.08                     | 0.081 |                    | 23.58                           | 0.228 |                                                                        |
|         | 2467                   | 18.18                      | 18.08   |             | 18.18                     | 0.066 |                    | 22.68                           | 0.185 |                                                                        |
|         | 2472                   | 13.08                      | 13.05   |             | 13.08                     | 0.020 |                    | 17.58                           | 0.057 |                                                                        |

| Mode    | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Max. Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------|------------------------|----------------------------|---------|-------------|---------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|         |                        | Chain 0                    | Chain 1 |             | (dBm)                     | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11g | 2412                   | 16.72                      | 16.91   | 0           | 16.91                     | 0.049 | 4.5                | 21.41                           | 0.138 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|         | 2417                   | 17.94                      | 17.9    |             | 17.94                     | 0.062 |                    | 22.44                           | 0.175 |                                                                        |
|         | 2442                   | 19.63                      | 19.74   |             | 19.74                     | 0.094 |                    | 24.24                           | 0.265 |                                                                        |
|         | 2457                   | 18.21                      | 18.05   |             | 18.21                     | 0.066 |                    | 22.71                           | 0.187 |                                                                        |
|         | 2462                   | 17.47                      | 17.37   |             | 17.47                     | 0.056 |                    | 21.97                           | 0.157 |                                                                        |
|         | 2467                   | 14.79                      | 14.78   |             | 14.79                     | 0.030 |                    | 19.29                           | 0.085 |                                                                        |
|         | 2472                   | 1.52                       | 1.28    |             | 1.52                      | 0.001 |                    | 6.02                            | 0.004 |                                                                        |

| Mode         | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11n-HT20 | 2412                   | 14.01                      | 14.23   | 0           | 17.13                      | 0.052 | 4.5                | 21.63                           | 0.146 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2417                   | 15.45                      | 15.38   |             | 18.43                      | 0.070 |                    | 22.93                           | 0.196 |                                                                        |
|              | 2442                   | 17.15                      | 17.13   |             | 20.15                      | 0.104 |                    | 24.65                           | 0.292 |                                                                        |
|              | 2457                   | 15.63                      | 15.55   |             | 18.60                      | 0.072 |                    | 23.10                           | 0.204 |                                                                        |
|              | 2462                   | 14.83                      | 14.63   |             | 17.74                      | 0.059 |                    | 22.24                           | 0.167 |                                                                        |
|              | 2467                   | 11.95                      | 11.84   |             | 14.91                      | 0.031 |                    | 19.41                           | 0.087 |                                                                        |
|              | 2472                   | -0.04                      | -0.86   |             | 2.58                       | 0.002 |                    | 7.08                            | 0.005 |                                                                        |

Note: The results have been included cable loss.

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| Mode         | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|--------------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|              |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11n-HT40 | 2422                   | 13.83                      | 13.81   | 0           | 16.83                      | 0.048 | 4.5                | 21.33                           | 0.136 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|              | 2427                   | 12.8                       | 12.73   |             | 15.78                      | 0.038 |                    | 20.28                           | 0.107 |                                                                        |
|              | 2442                   | 14.65                      | 14.59   |             | 17.63                      | 0.058 |                    | 22.13                           | 0.163 |                                                                        |
|              | 2447                   | 14.78                      | 14.73   |             | 17.77                      | 0.060 |                    | 22.27                           | 0.169 |                                                                        |
|              | 2452                   | 13.14                      | 13.22   |             | 16.19                      | 0.042 |                    | 20.69                           | 0.117 |                                                                        |
|              | 2457                   | 9.53                       | 9.42    |             | 12.49                      | 0.018 |                    | 16.99                           | 0.050 |                                                                        |
|              | 2462                   | 1.41                       | 0.54    |             | 4.01                       | 0.003 |                    | 8.51                            | 0.007 |                                                                        |

| Mode          | Centre Frequency (MHz) | Average Output Power (dBm) |         | Total Average Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|----------------------------|---------|----------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                    | Chain 1 | (dBm)                      | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE20 | 2412                   | 13.92                      | 14.12   | 17.03                      | 0.050 | 4.5                | 21.53                   | 0.142 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2417                   | 15.28                      | 15.22   | 18.26                      | 0.067 |                    | 22.76                   | 0.189 |                                                                        |
|               | 2442                   | 17.03                      | 17.05   | 20.05                      | 0.101 |                    | 24.55                   | 0.285 |                                                                        |
|               | 2457                   | 15.56                      | 15.39   | 18.49                      | 0.071 |                    | 22.99                   | 0.199 |                                                                        |
|               | 2462                   | 14.68                      | 14.58   | 17.64                      | 0.058 |                    | 22.14                   | 0.164 |                                                                        |
|               | 2467                   | 11.78                      | 11.79   | 14.80                      | 0.030 |                    | 19.30                   | 0.085 |                                                                        |
|               | 2472                   | -0.11                      | -0.95   | 2.50                       | 0.002 |                    | 7.00                    | 0.005 |                                                                        |

| Mode          | Centre Frequency (MHz) | Average Output Power (dBm) |         | Total Average Output Power |       | Antenna Gain (dBi) | Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|------------------------|----------------------------|---------|----------------------------|-------|--------------------|-------------------------|-------|------------------------------------------------------------------------|
|               |                        | Chain 0                    | Chain 1 | (dBm)                      | (W)   |                    | (dBm)                   | (W)   |                                                                        |
| 802.11ax-HE40 | 2422                   | 13.66                      | 13.7    | 16.69                      | 0.047 | 4.5                | 21.19                   | 0.132 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 2427                   | 12.61                      | 12.49   | 15.56                      | 0.036 |                    | 20.06                   | 0.101 |                                                                        |
|               | 2442                   | 14.47                      | 14.42   | 17.46                      | 0.056 |                    | 21.96                   | 0.157 |                                                                        |
|               | 2447                   | 14.58                      | 14.55   | 17.58                      | 0.057 |                    | 22.08                   | 0.161 |                                                                        |
|               | 2452                   | 12.96                      | 13      | 15.99                      | 0.040 |                    | 20.49                   | 0.112 |                                                                        |
|               | 2457                   | 9.28                       | 9.24    | 12.27                      | 0.017 |                    | 16.77                   | 0.048 |                                                                        |
|               | 2462                   | 1.06                       | 0.14    | 3.63                       | 0.002 |                    | 8.13                    | 0.007 |                                                                        |

Note: The results have been included cable loss.

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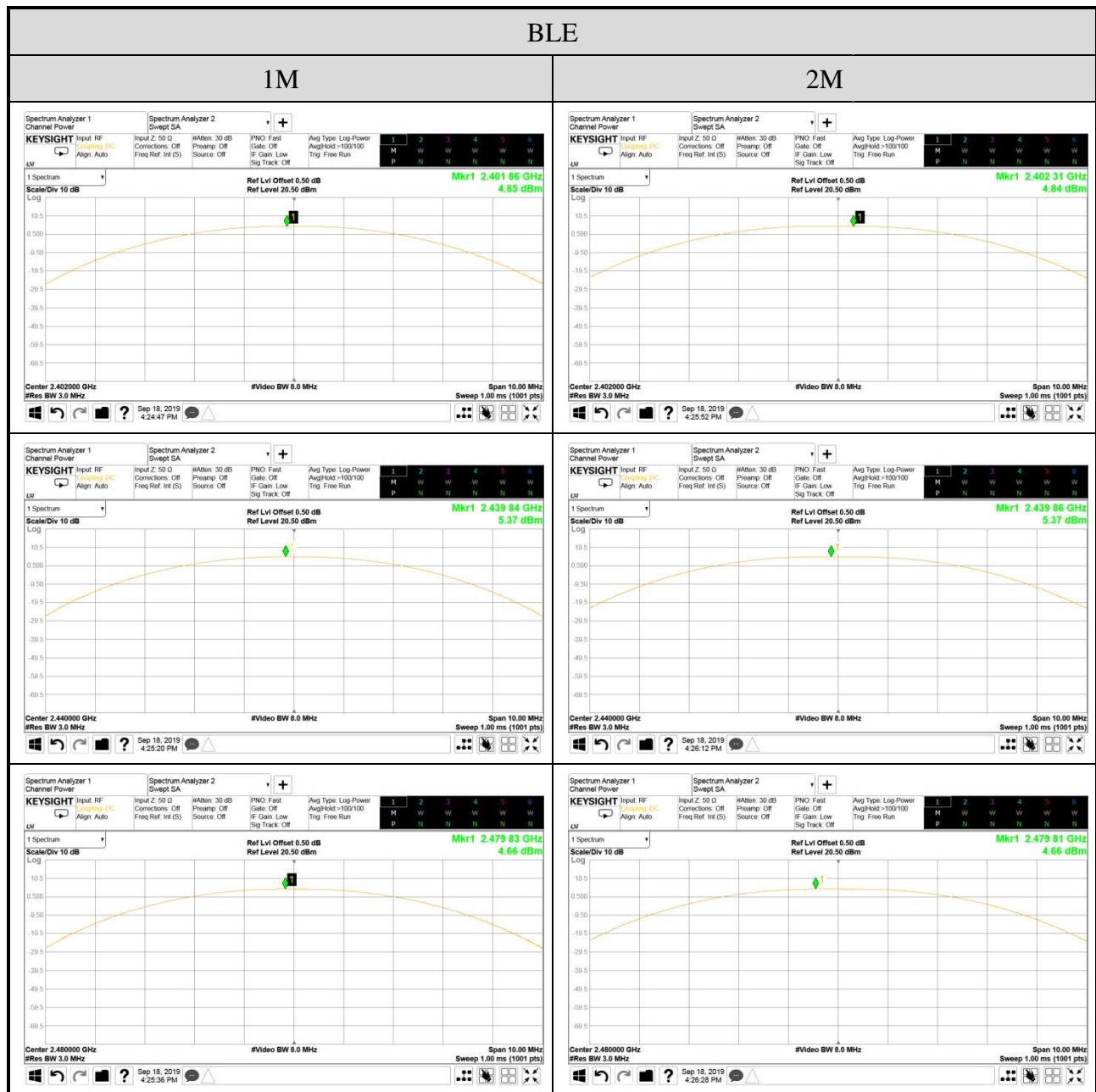
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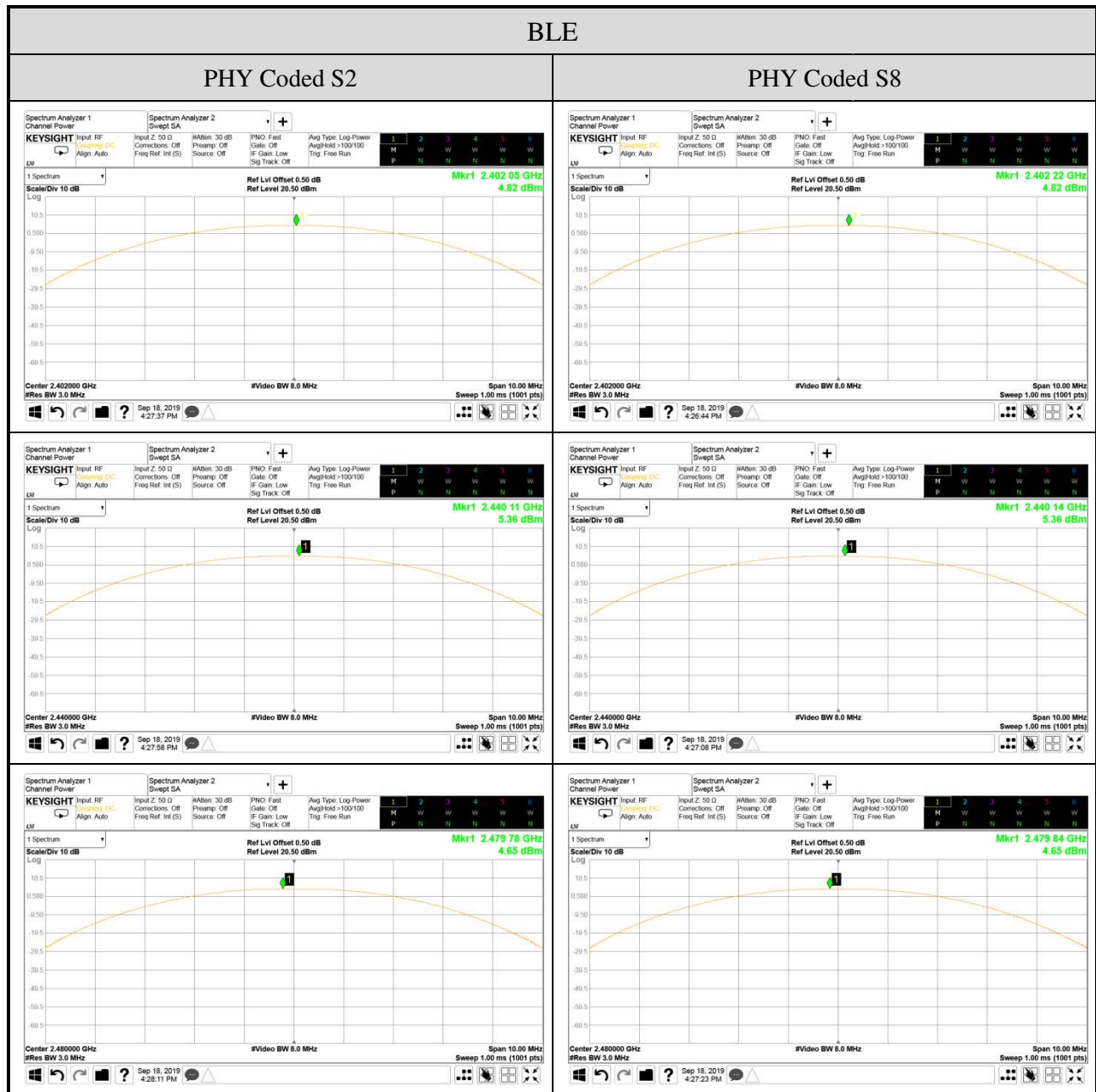
| Mode          | RU Config | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|-----------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|               |           |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11ax-HE20 | 26/0      | 2412                   | 14.13                      | 14.45   | 0           | 17.30                      | 0.054 | 4.5                | 21.80                           | 0.151 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 52/37     |                        | 14.26                      | 14.43   |             | 17.36                      | 0.054 |                    | 21.86                           | 0.153 |                                                                        |
|               | 106/53    |                        | 14.28                      | 14.48   |             | 17.39                      | 0.055 |                    | 21.89                           | 0.155 |                                                                        |
|               | 26/8      | 2472                   | -1.36                      | -2.57   |             | 1.09                       | 0.001 |                    | 5.59                            | 0.004 |                                                                        |
|               | 52/40     |                        | -1.13                      | -2.29   |             | 1.34                       | 0.001 |                    | 5.84                            | 0.004 |                                                                        |
|               | 106/54    |                        | -1.02                      | -2.05   |             | 1.51                       | 0.001 |                    | 6.01                            | 0.004 |                                                                        |

| Mode          | RU Config | Centre Frequency (MHz) | Average Output Power (dBm) |         | 10log (1/X) | Total Average Output Power |       | Antenna Gain (dBi) | Average Output Power (E.I.R.P.) |       | Limit                                                                  |
|---------------|-----------|------------------------|----------------------------|---------|-------------|----------------------------|-------|--------------------|---------------------------------|-------|------------------------------------------------------------------------|
|               |           |                        | Chain 0                    | Chain 1 |             | (dBm)                      | (W)   |                    | (dBm)                           | (W)   |                                                                        |
| 802.11ax-HE40 | 242/61    | 2422                   | 13.85                      | 14.08   | 0           | 16.98                      | 0.050 | 4.5                | 21.48                           | 0.141 | <30dBm (1W)<br>(Maximum Peak Output Power)<br><36dBm (4W)<br>(E.I.R.P) |
|               | 242/62    | 2467                   | 1.27                       | 1.17    |             | 4.23                       | 0.003 |                    | 8.73                            | 0.007 |                                                                        |

Note: The results have been included cable loss.

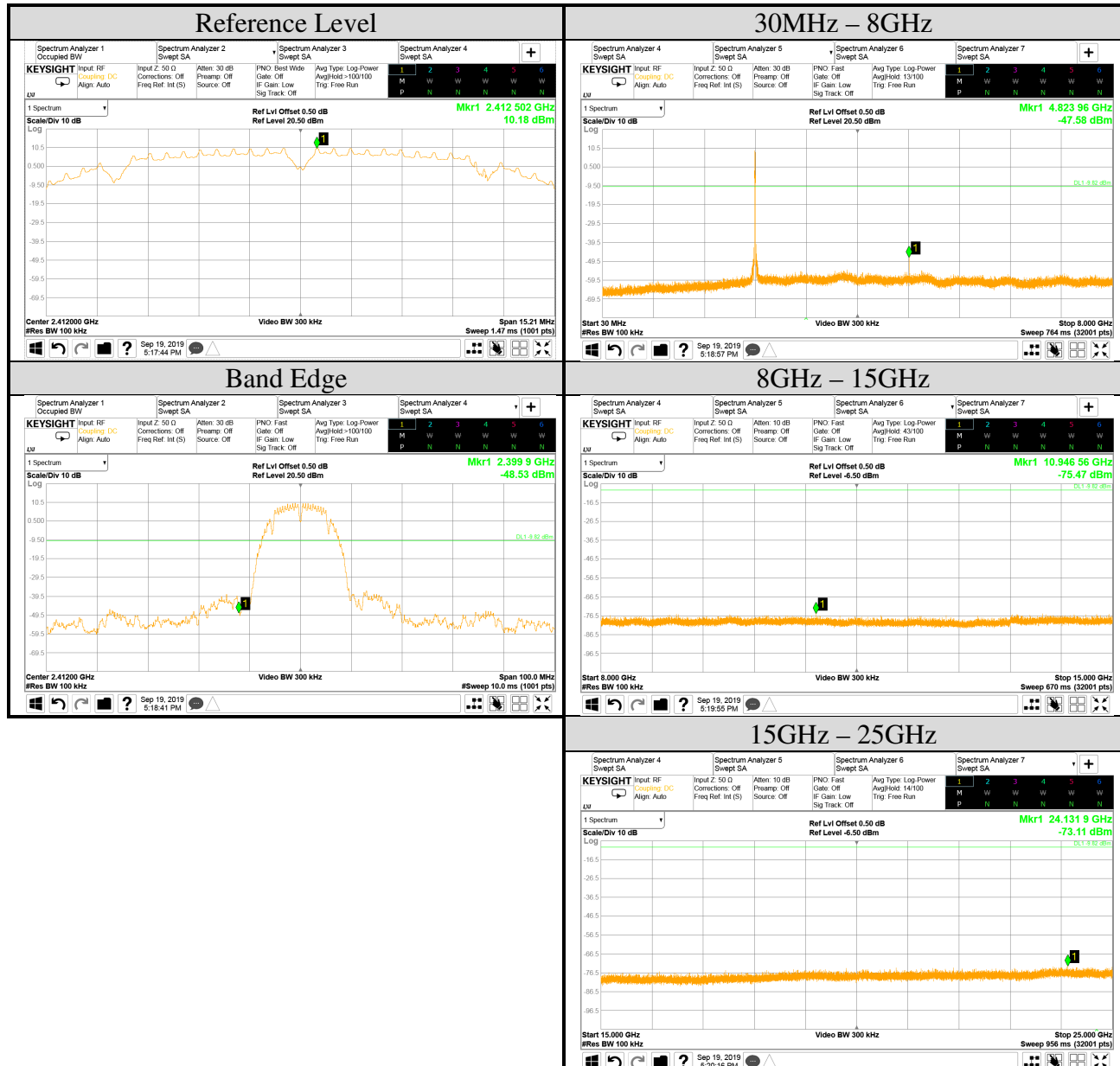
### A.4.3 Measurement Plots



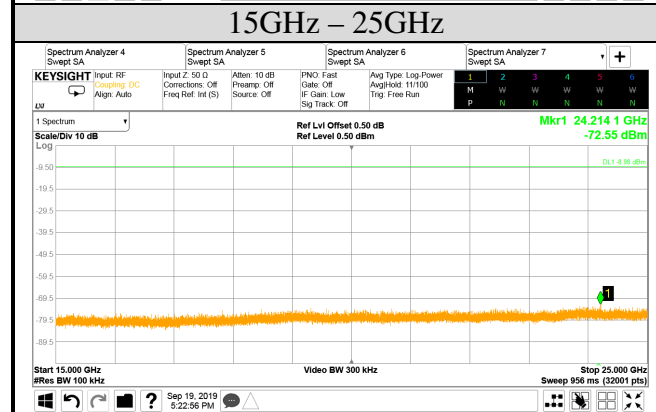
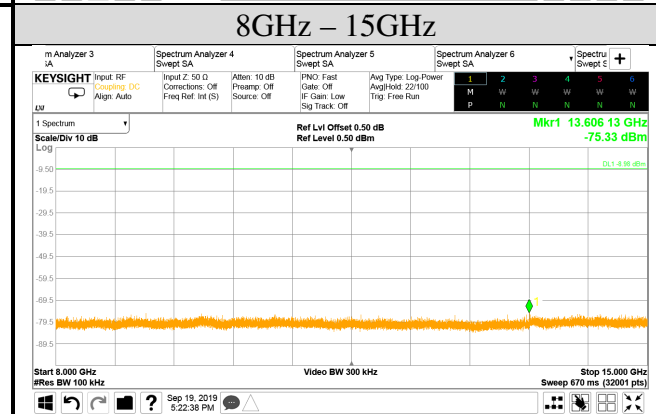
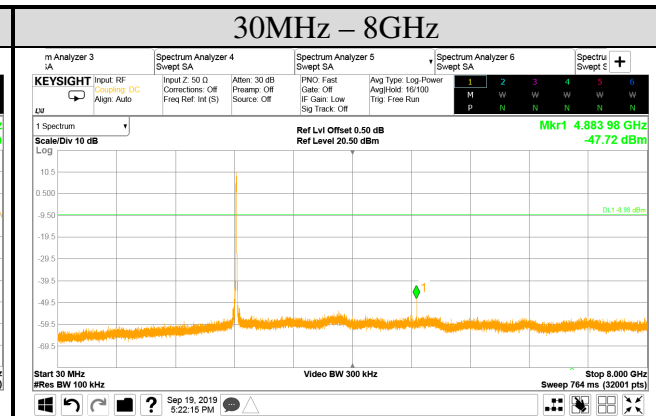
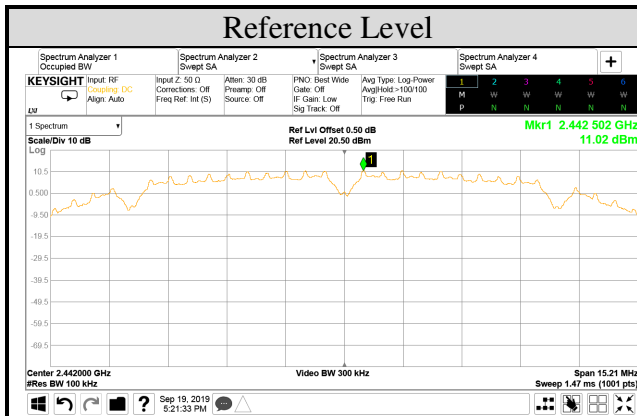


## A.5 EMISSION LIMITATIONS

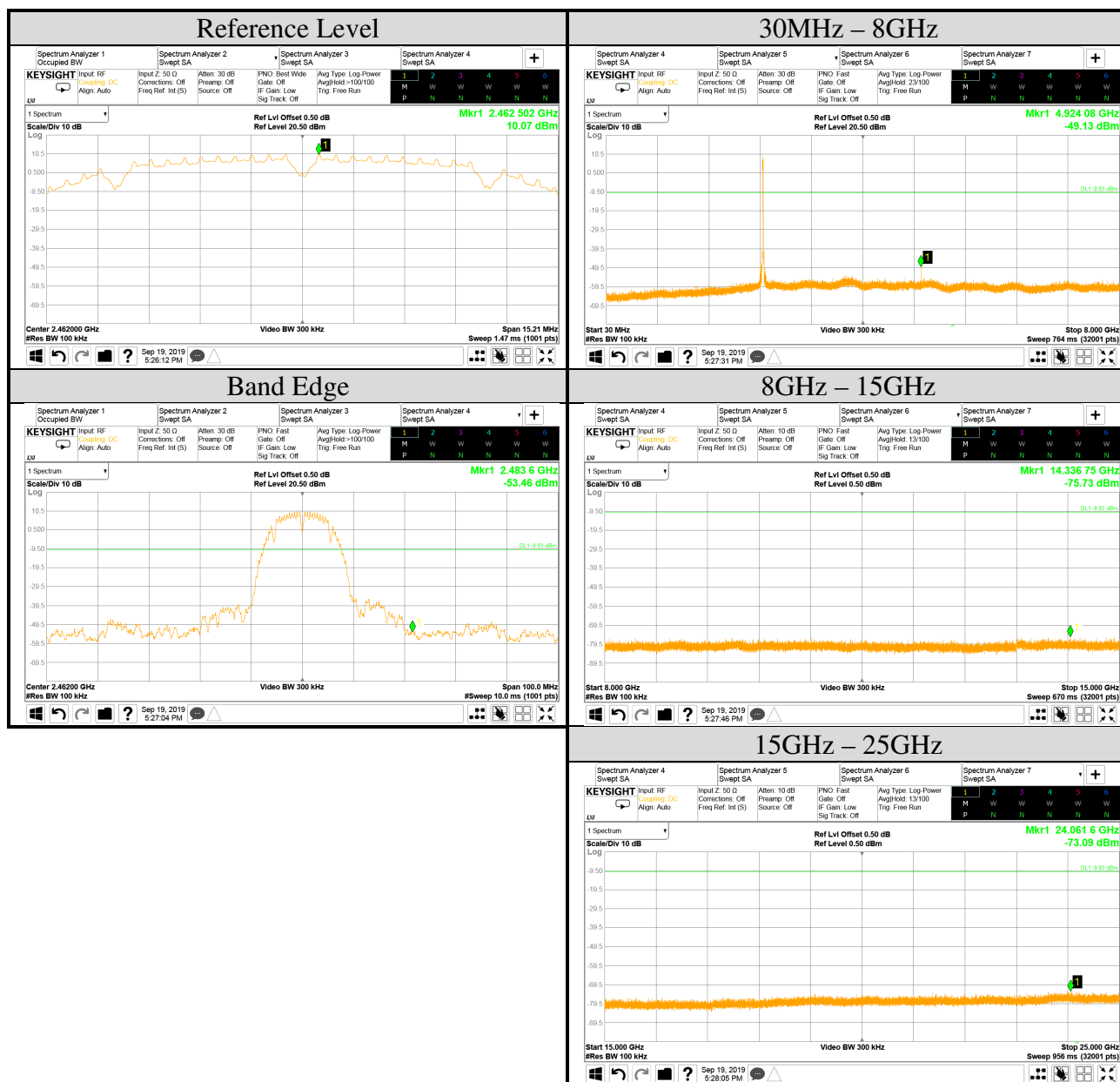
|                                                            |            |              |                                |
|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11b    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2412MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



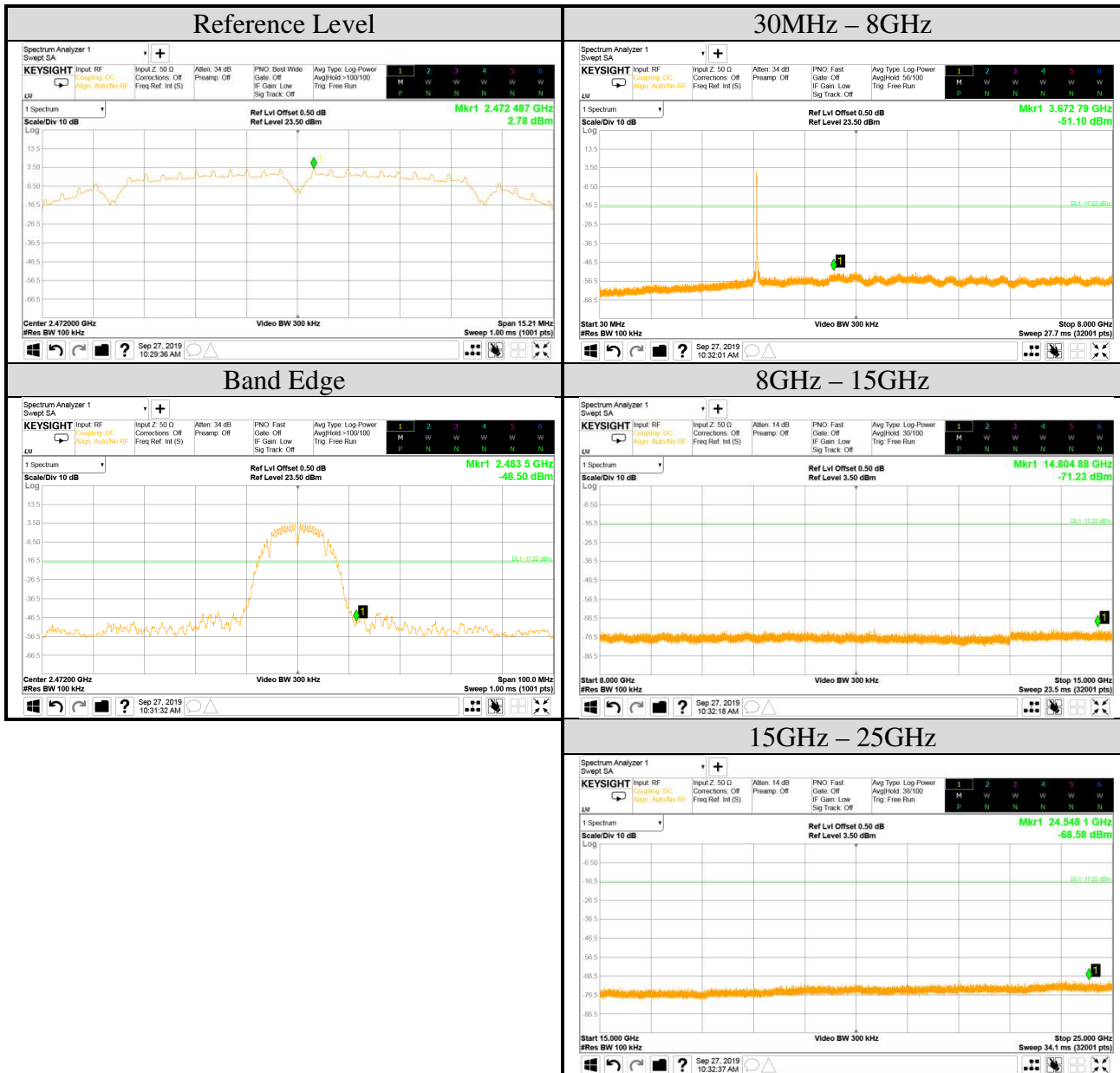
|                                                            |            |              |                                |
|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11b    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2442MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



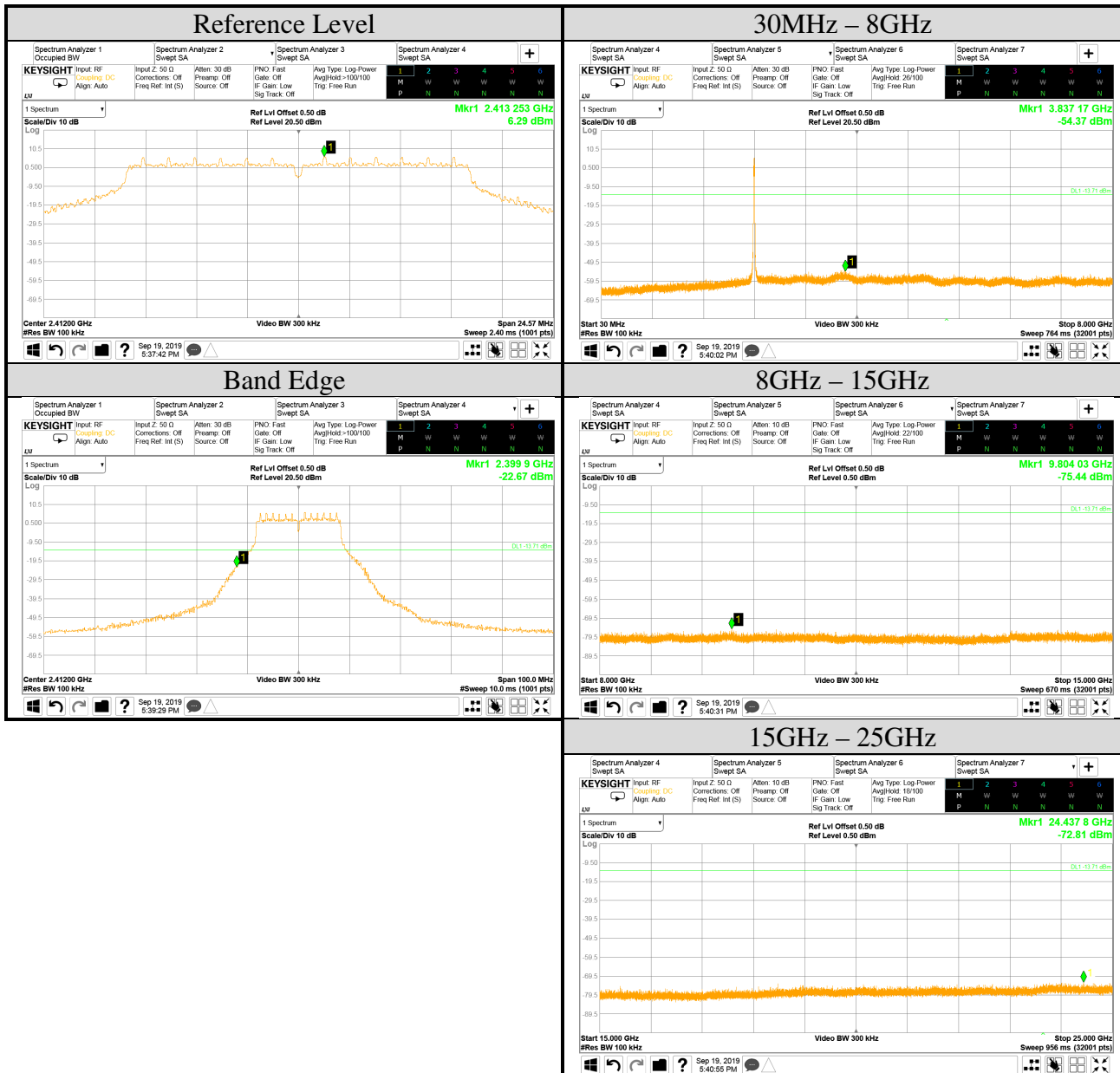
|                                                            |            |              |                                |
|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11b    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2462MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



|                                                            |                 |              |                                |
|------------------------------------------------------------|-----------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 ~ 27 | Temp./Hum.   | 24 ~ 25°C/49 ~ 54%             |
| Cable Loss                                                 | 0.50dB          | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11b         | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2472MHz      | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |                 |              | 0                              |



|                                                            |            |              |                                |
|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11g    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2412MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



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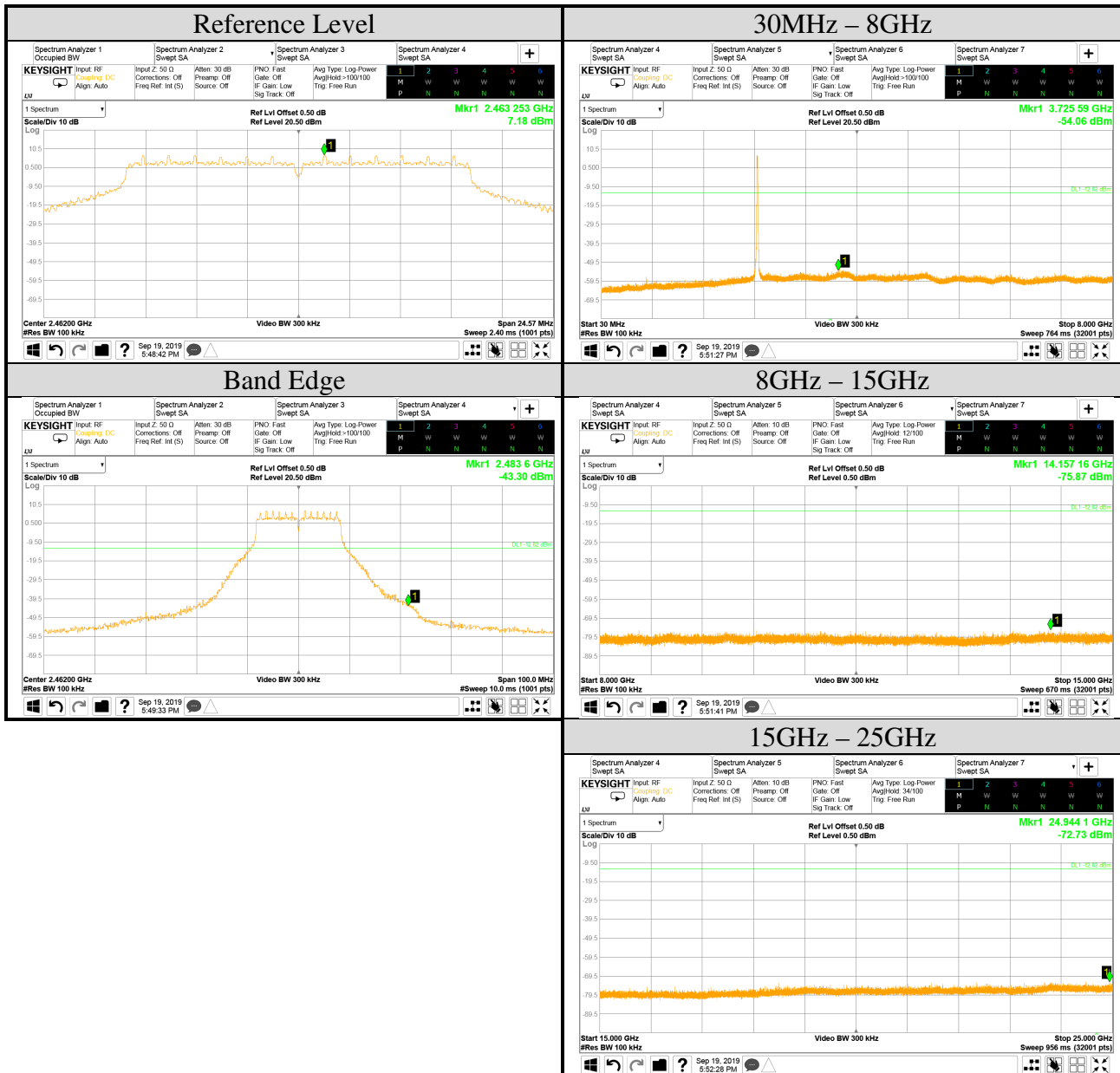
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|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11g    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2442MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



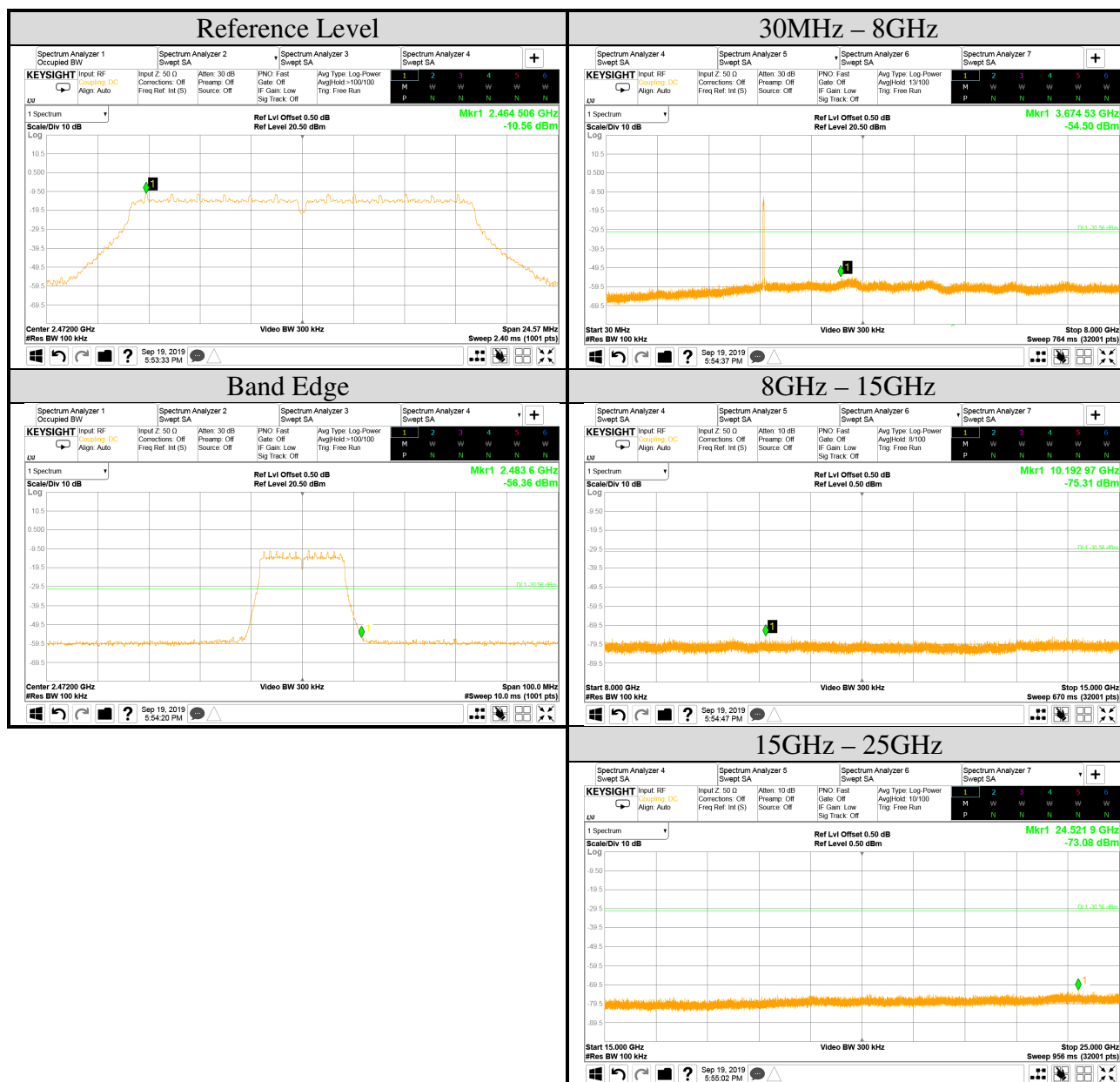
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|                                                            |            |              |                                |
|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11g    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2462MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



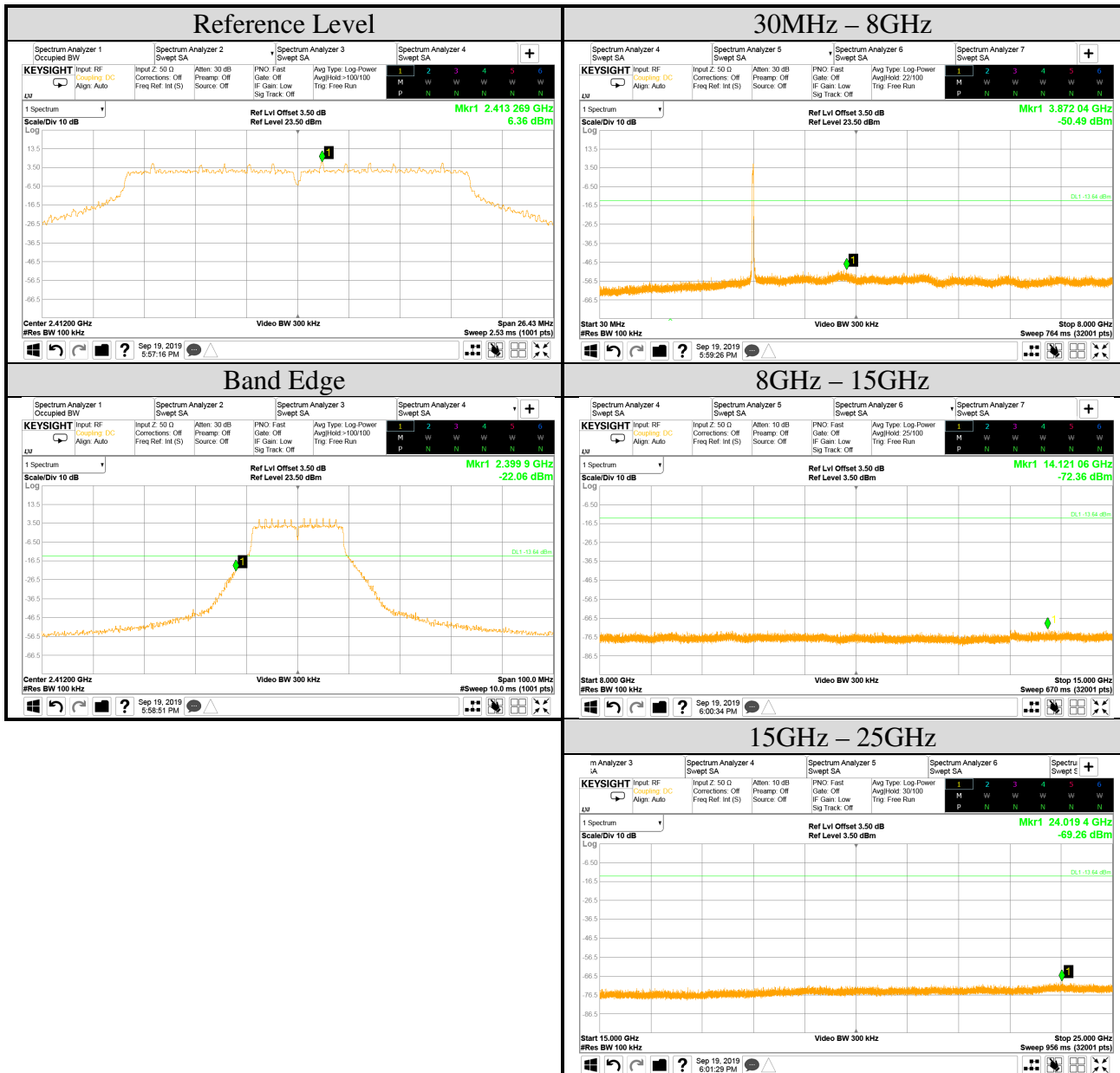
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|------------------------------------------------------------|------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19 | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB     | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11g    | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2472MHz | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |            |              | 0                              |



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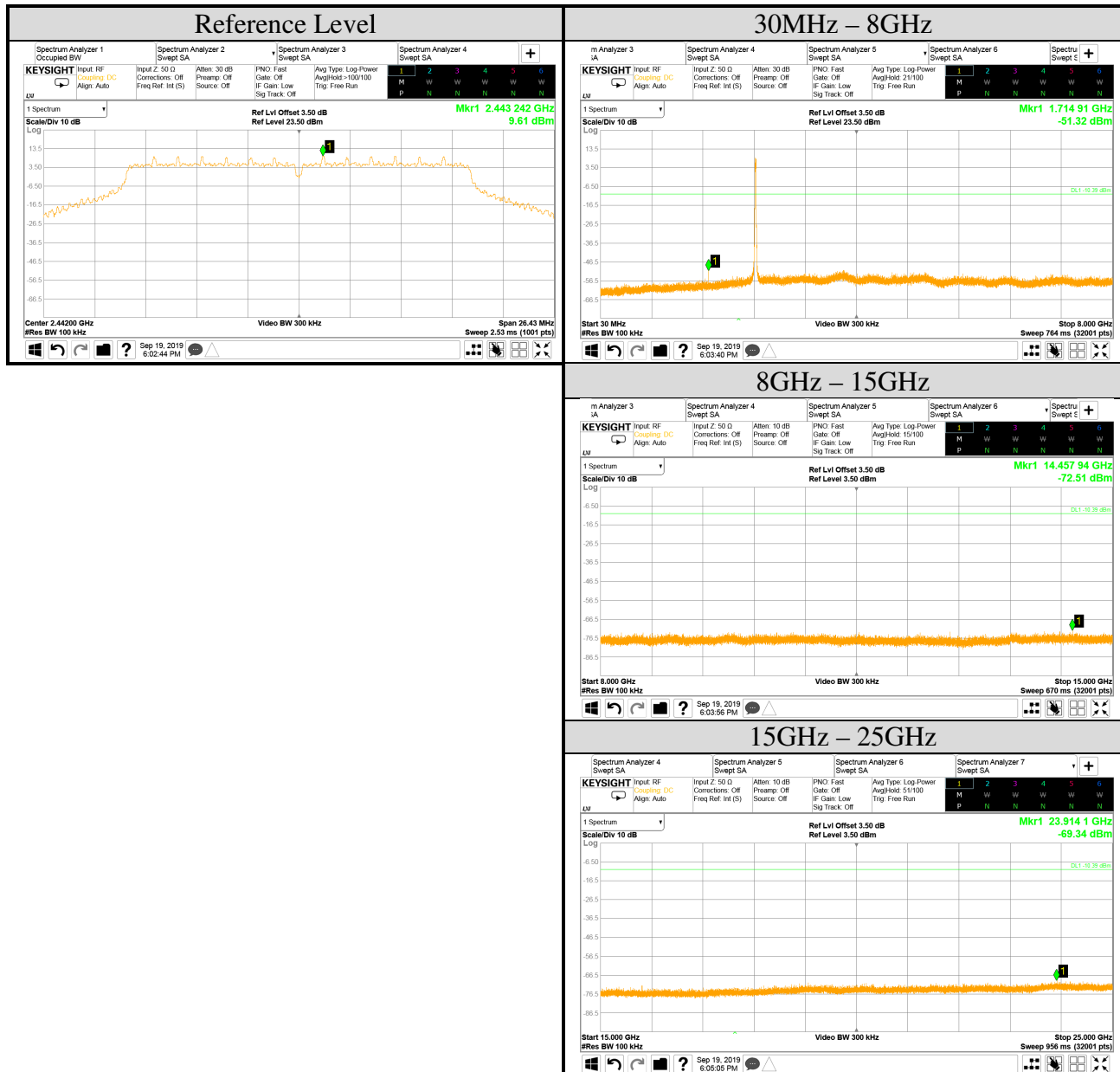
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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT20 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2412MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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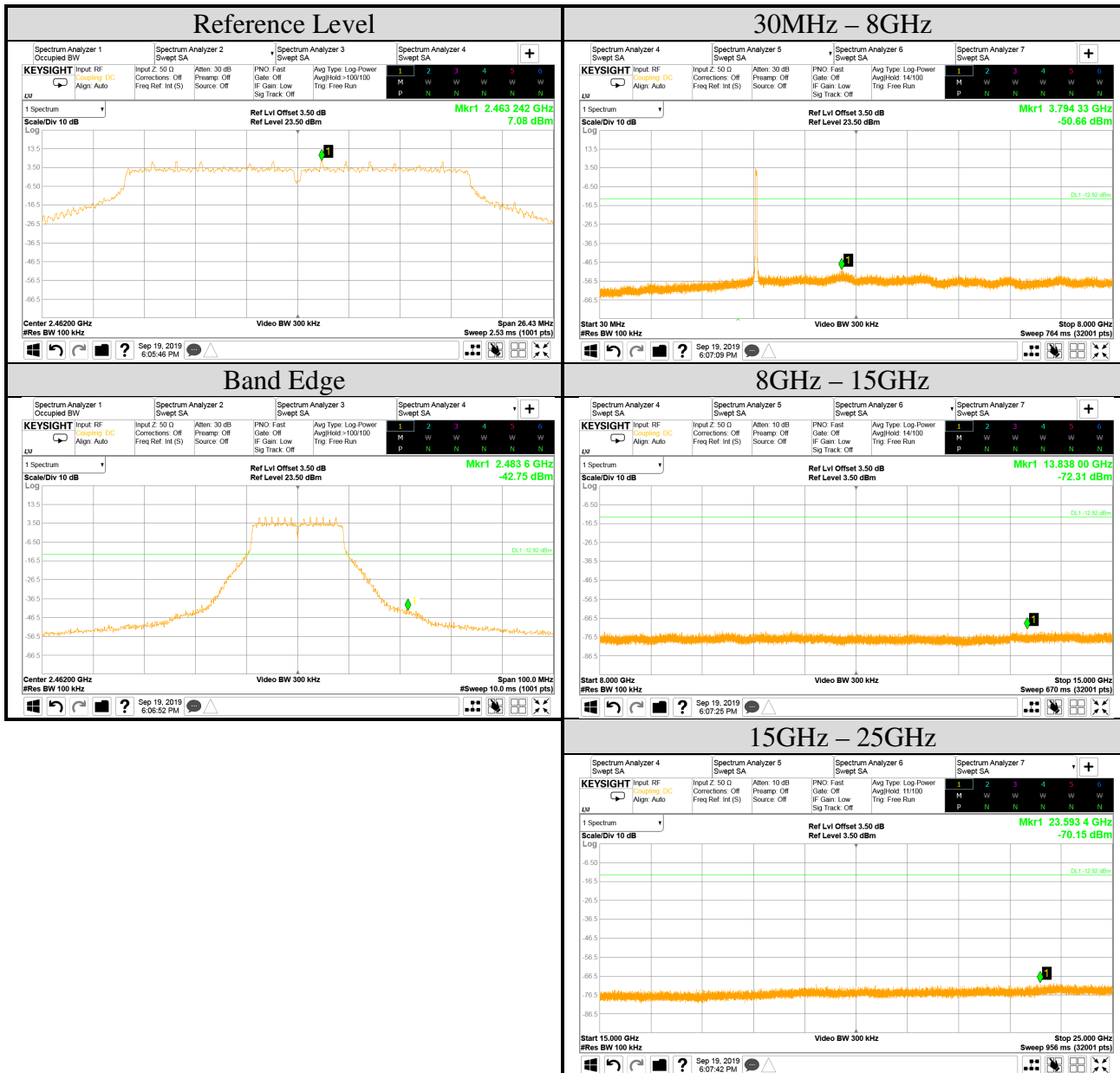
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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT20 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2442MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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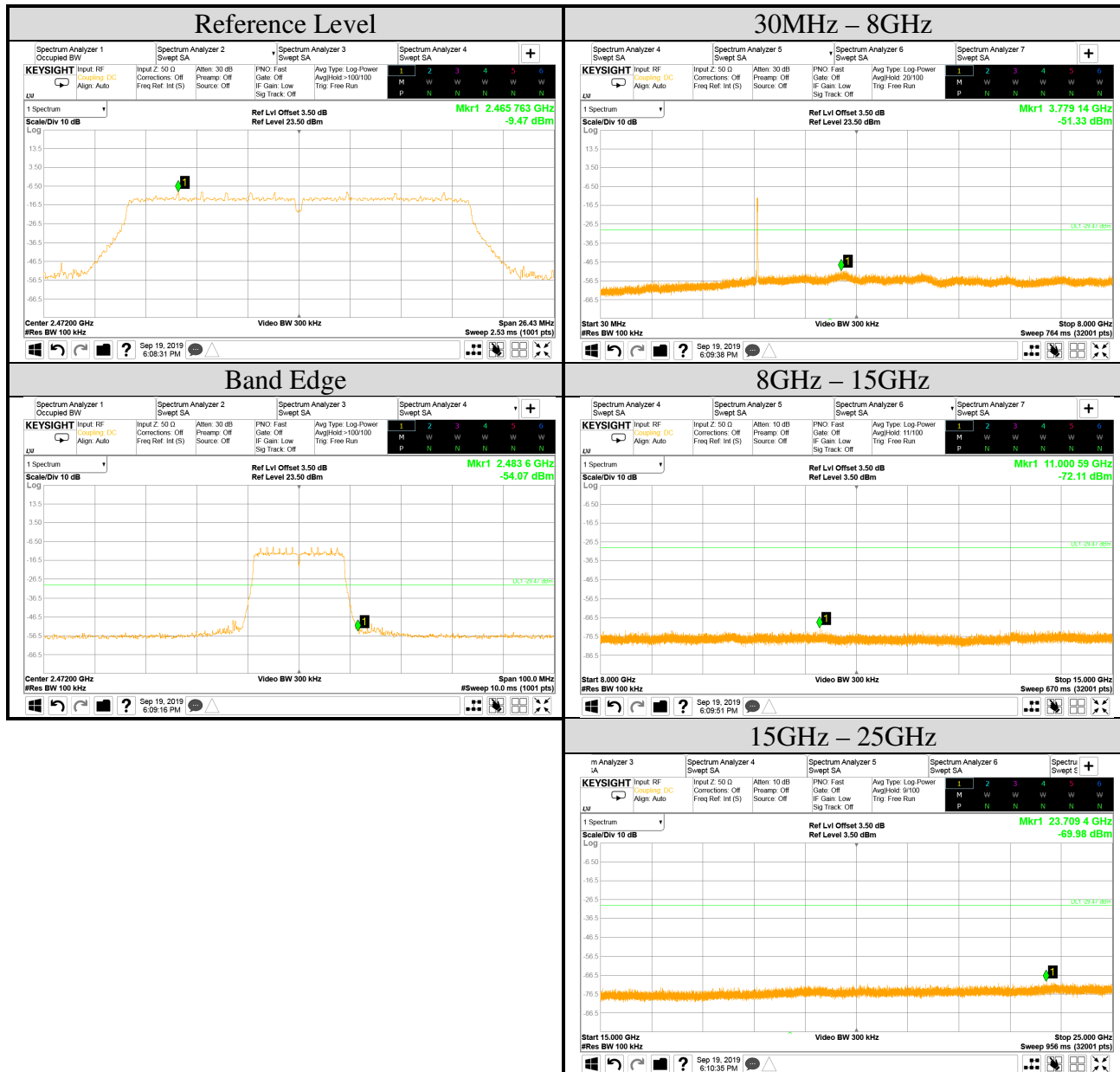
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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT20 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2462MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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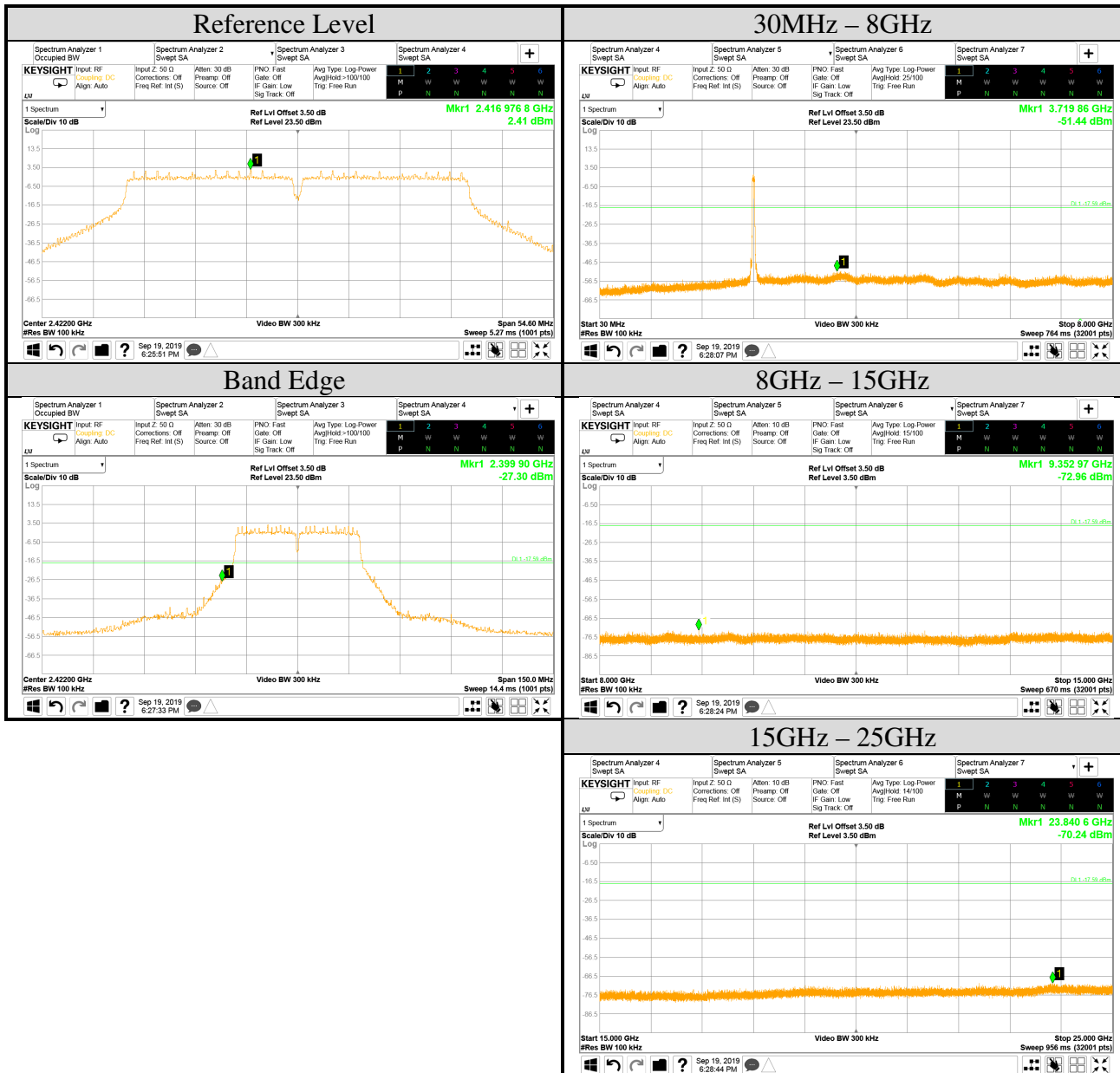
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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT20 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2472MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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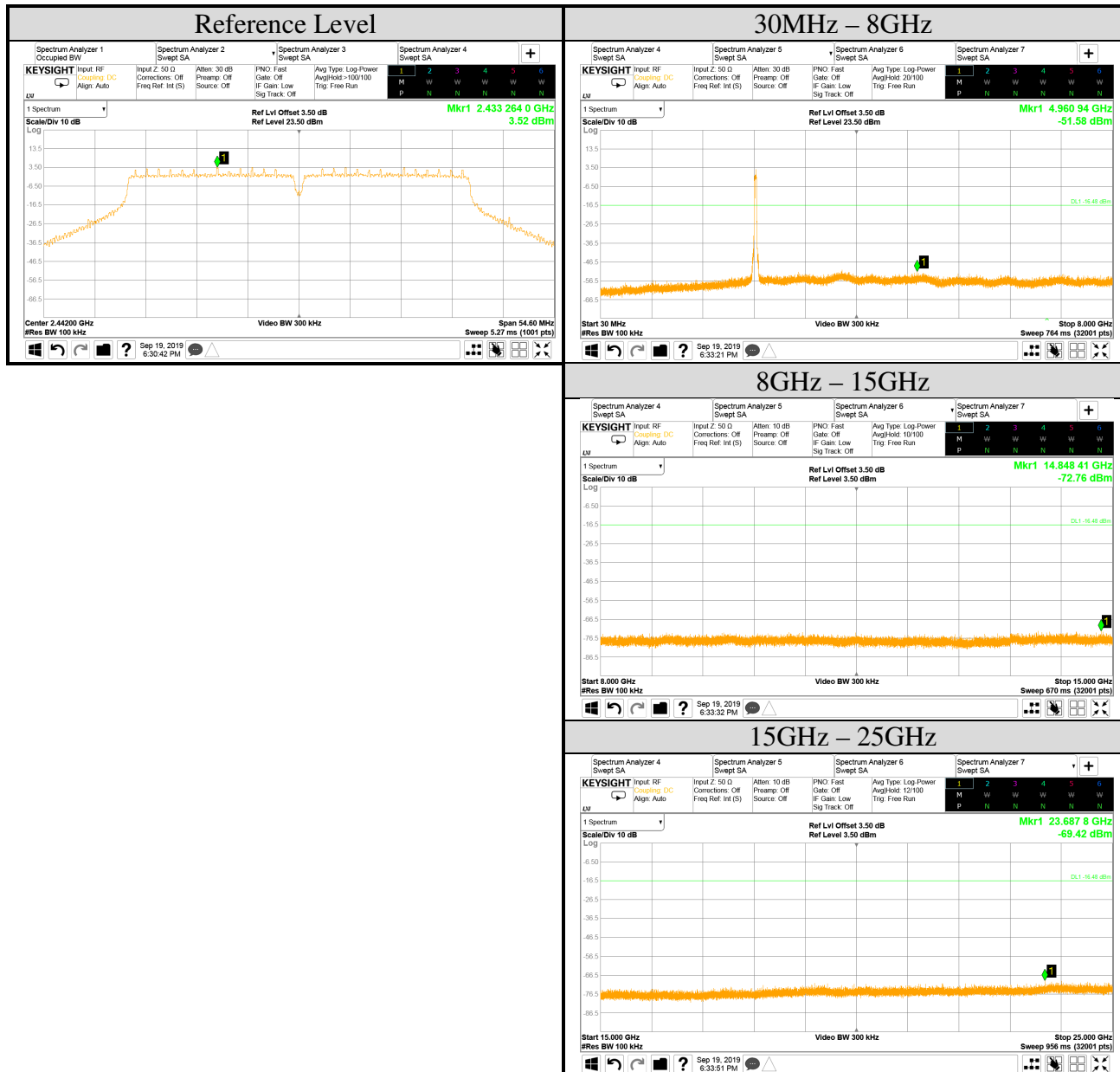
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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT40 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2422MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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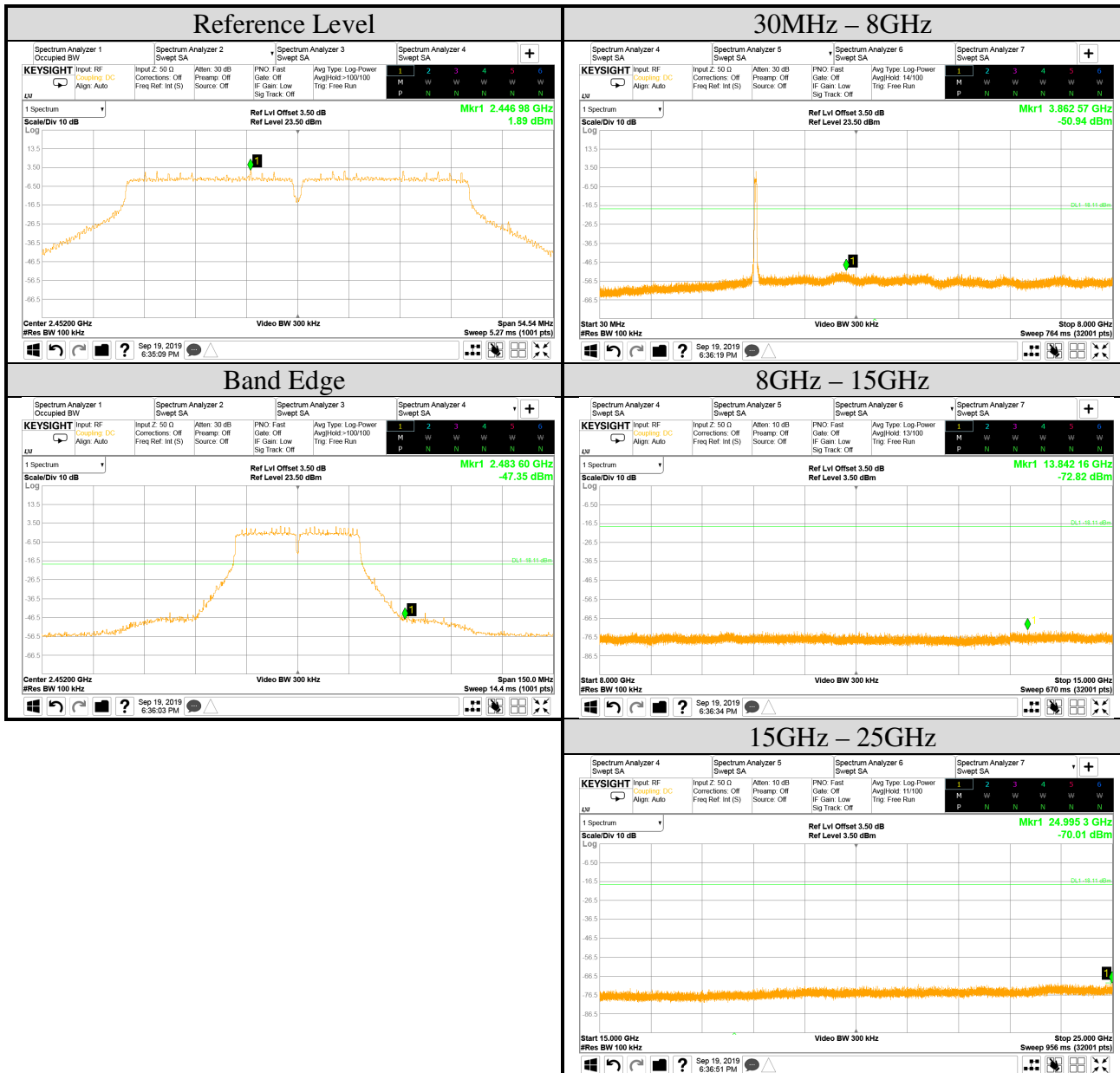
|                                                            |              |              |                                |
|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT40 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2442MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT40 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2452MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |



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|                                                            |              |              |                                |
|------------------------------------------------------------|--------------|--------------|--------------------------------|
| Test Date                                                  | 2019/09/19   | Temp./Hum.   | 25°C/54%                       |
| Cable Loss                                                 | 0.50dB       | Test Voltage | AC 120V, 60Hz (via AC Adapter) |
| Mode                                                       | 802.11n-HT40 | Tested By    | Martin Chen                    |
| Frequency                                                  | TX 2462MHz   | Test Model   | 15Z90N                         |
| Simultaneous Factor10 log(n) (Note: "n" is antenna number) |              |              | 3                              |

