

### Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |
| Date                   | February 8, 2022                   | February 9, 2022    |
| Temperature / Humidity | 27 deg. C / 25 % RH                | 22 deg. C / 41 % RH |
| Engineer               | Takafumi Noguchi                   | Takafumi Noguchi    |
| Mode                   | Tx 11ax-20 OFDMA (52-tone RU)      |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |           |           |           |           |          |          | PSD (e.i.r.p.) |           |           |           |        |  |  |
|------------------------|----------|-----------------|-----------|-----------|-----------|-----------|----------|----------|----------------|-----------|-----------|-----------|--------|--|--|
|                        |          | Antenna 1       |           |           | Antenna 3 |           |          |          | Antenna 1      |           |           | Antenna 3 |        |  |  |
|                        |          | 1               | 3         | Sum       | Result    | Limit     | Margin   | 1        | 3              | Sum       | Result    | Limit     | Margin |  |  |
| [mW/MHz]               | [mW/MHz] | [mW/MHz]        | [dBm/MHz] | [dBm/MHz] | [dB]      | [dBm/MHz] | [mW/MHz] | [mW/MHz] | [mW/MHz]       | [dBm/MHz] | [dBm/MHz] | [dB]      |        |  |  |
| 5500                   | 37       | 0.60            | 0.52      | 1.11      | 0.47      | 8.26      | 7.79     | 4.47     | 3.87           | 8.34      | 9.21      | 17.00     | 7.79   |  |  |
|                        | 38       | 0.55            | 0.53      | 1.08      | 0.34      | 8.26      | 7.92     | 4.13     | 3.97           | 8.10      | 9.08      | 17.00     | 7.92   |  |  |
|                        | 40       | 0.60            | 0.53      | 1.12      | 0.51      | 8.26      | 7.75     | 4.46     | 3.95           | 8.41      | 9.25      | 17.00     | 7.75   |  |  |
| 5580                   | 37       | 0.62            | 0.50      | 1.12      | 0.48      | 8.26      | 7.78     | 4.62     | 3.75           | 8.37      | 9.22      | 17.00     | 7.78   |  |  |
|                        | 38       | 0.60            | 0.58      | 1.19      | 0.74      | 8.26      | 7.52     | 4.50     | 4.38           | 8.88      | 9.48      | 17.00     | 7.52   |  |  |
|                        | 40       | 0.60            | 0.55      | 1.15      | 0.60      | 8.26      | 7.66     | 4.47     | 4.11           | 8.59      | 9.34      | 17.00     | 7.66   |  |  |
| 5700                   | 37       | 0.50            | 0.62      | 1.12      | 0.49      | 8.26      | 7.77     | 3.72     | 4.65           | 8.37      | 9.23      | 17.00     | 7.77   |  |  |
|                        | 38       | 0.48            | 0.69      | 1.17      | 0.69      | 8.26      | 7.57     | 3.63     | 5.14           | 8.77      | 9.43      | 17.00     | 7.57   |  |  |
|                        | 40       | 0.48            | 0.64      | 1.12      | 0.48      | 8.26      | 7.78     | 3.59     | 4.77           | 8.36      | 9.22      | 17.00     | 7.78   |  |  |
| 5720                   | 37       | 0.53            | 0.59      | 1.12      | 0.47      | 8.26      | 7.79     | 3.95     | 4.39           | 8.35      | 9.21      | 17.00     | 7.79   |  |  |
|                        | 38       | 0.55            | 0.61      | 1.15      | 0.62      | 8.26      | 7.64     | 4.10     | 4.54           | 8.64      | 9.36      | 17.00     | 7.64   |  |  |
|                        | 40       | 0.55            | 0.64      | 1.18      | 0.73      | 8.26      | 7.53     | 4.08     | 4.77           | 8.86      | 9.47      | 17.00     | 7.53   |  |  |
| 5745                   | 37       | 0.29            | 0.30      | 0.59      | -2.27     | 27.26     | 29.53    | 2.18     | 2.25           | 4.43      | 6.47      | 36.00     | 29.53  |  |  |
|                        | 38       | 0.31            | 0.34      | 0.65      | -1.88     | 27.26     | 29.14    | 2.30     | 2.55           | 4.85      | 6.86      | 36.00     | 29.14  |  |  |
|                        | 40       | 0.30            | 0.32      | 0.62      | -2.08     | 27.26     | 29.34    | 2.25     | 2.39           | 4.64      | 6.66      | 36.00     | 29.34  |  |  |
| 5785                   | 37       | 0.28            | 0.33      | 0.62      | -2.10     | 27.26     | 29.36    | 2.11     | 2.51           | 4.61      | 6.64      | 36.00     | 29.36  |  |  |
|                        | 38       | 0.28            | 0.33      | 0.61      | -2.15     | 27.26     | 29.41    | 2.10     | 2.45           | 4.56      | 6.59      | 36.00     | 29.41  |  |  |
|                        | 40       | 0.28            | 0.33      | 0.60      | -2.20     | 27.26     | 29.46    | 2.07     | 2.44           | 4.51      | 6.54      | 36.00     | 29.46  |  |  |
| 5825                   | 37       | 0.32            | 0.35      | 0.67      | -1.76     | 27.26     | 29.02    | 2.37     | 2.62           | 4.99      | 6.98      | 36.00     | 29.02  |  |  |
|                        | 38       | 0.31            | 0.33      | 0.65      | -1.90     | 27.26     | 29.16    | 2.33     | 2.50           | 4.83      | 6.84      | 36.00     | 29.16  |  |  |
|                        | 40       | 0.32            | 0.35      | 0.66      | -1.77     | 27.26     | 29.03    | 2.39     | 2.58           | 4.97      | 6.97      | 36.00     | 29.03  |  |  |

| Tested Frequency [MHz] | RU Index | Antenna 1   |                       |             |            |             |              |                  |                     | Antenna 3   |            |             |              |                  |                     |  |  |
|------------------------|----------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|--|--|
|                        |          | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |  |  |
|                        |          | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |  |  |
| 5500                   | 37       | 0.29        | 0.00                  | -13.10      | 1.00       | 9.58        | 8.74         | -2.23            | 6.51                | -13.83      | 1.10       | 9.58        | 8.74         | -2.86            | 5.88                |  |  |
|                        | 38       | 0.29        | 0.00                  | -13.45      | 1.00       | 9.58        | 8.74         | -2.58            | 6.16                | -13.72      | 1.10       | 9.58        | 8.74         | -2.75            | 5.99                |  |  |
|                        | 40       | 0.29        | 0.00                  | -13.11      | 1.00       | 9.58        | 8.74         | -2.24            | 6.50                | -13.74      | 1.10       | 9.58        | 8.74         | -2.77            | 5.97                |  |  |
| 5580                   | 37       | 0.29        | 0.00                  | -12.97      | 1.00       | 9.58        | 8.74         | -2.10            | 6.65                | -13.97      | 1.10       | 9.58        | 8.74         | -3.00            | 5.74                |  |  |
|                        | 38       | 0.29        | 0.00                  | -13.08      | 1.00       | 9.58        | 8.74         | -2.21            | 6.53                | -13.30      | 1.10       | 9.58        | 8.74         | -2.33            | 6.41                |  |  |
|                        | 40       | 0.29        | 0.00                  | -13.11      | 1.00       | 9.58        | 8.74         | -2.24            | 6.51                | -13.57      | 1.10       | 9.58        | 8.74         | -2.60            | 6.14                |  |  |
| 5700                   | 37       | 0.29        | 0.00                  | -13.91      | 1.00       | 9.59        | 8.74         | -3.03            | 5.71                | -13.04      | 1.10       | 9.59        | 8.74         | -2.06            | 6.68                |  |  |
|                        | 38       | 0.29        | 0.00                  | -14.02      | 1.00       | 9.59        | 8.74         | -3.14            | 5.60                | -12.61      | 1.10       | 9.59        | 8.74         | -1.63            | 7.11                |  |  |
|                        | 40       | 0.29        | 0.00                  | -14.07      | 1.00       | 9.59        | 8.74         | -3.19            | 5.55                | -12.94      | 1.10       | 9.59        | 8.74         | -1.96            | 6.78                |  |  |
| 5720                   | 37       | 0.29        | 0.00                  | -13.65      | 1.00       | 9.59        | 8.74         | -2.77            | 5.97                | -13.29      | 1.10       | 9.59        | 8.74         | -2.31            | 6.43                |  |  |
|                        | 38       | 0.29        | 0.00                  | -13.49      | 1.00       | 9.59        | 8.74         | -2.61            | 6.13                | -13.15      | 1.10       | 9.59        | 8.74         | -2.17            | 6.57                |  |  |
|                        | 40       | 0.29        | 0.00                  | -13.51      | 1.00       | 9.59        | 8.74         | -2.63            | 6.11                | -12.93      | 1.10       | 9.59        | 8.74         | -1.95            | 6.79                |  |  |
| 5745                   | 37       | 0.29        | 0.27                  | -16.50      | 1.00       | 9.59        | 8.74         | -5.36            | 3.38                | -16.46      | 1.10       | 9.59        | 8.74         | -5.22            | 3.52                |  |  |
|                        | 38       | 0.29        | 0.27                  | -16.28      | 1.00       | 9.59        | 8.74         | -5.13            | 3.61                | -15.92      | 1.10       | 9.59        | 8.74         | -4.67            | 4.07                |  |  |
|                        | 40       | 0.29        | 0.27                  | -16.37      | 1.00       | 9.59        | 8.74         | -5.22            | 3.52                | -16.21      | 1.10       | 9.59        | 8.74         | -4.96            | 3.78                |  |  |
| 5785                   | 37       | 0.29        | 0.27                  | -16.65      | 1.00       | 9.59        | 8.74         | -5.50            | 3.24                | -16.00      | 1.10       | 9.59        | 8.74         | -4.75            | 3.99                |  |  |
|                        | 38       | 0.29        | 0.27                  | -16.66      | 1.00       | 9.59        | 8.74         | -5.51            | 3.23                | -16.09      | 1.10       | 9.59        | 8.74         | -4.84            | 3.90                |  |  |
|                        | 40       | 0.29        | 0.27                  | -16.72      | 1.00       | 9.59        | 8.74         | -5.57            | 3.17                | -16.12      | 1.10       | 9.59        | 8.74         | -4.87            | 3.87                |  |  |
| 5825                   | 37       | 0.29        | 0.27                  | -16.16      | 1.00       | 9.60        | 8.74         | -5.00            | 3.74                | -15.81      | 1.10       | 9.60        | 8.74         | -4.55            | 4.19                |  |  |
|                        | 38       | 0.29        | 0.27                  | -16.23      | 1.00       | 9.60        | 8.74         | -5.07            | 3.67                | -16.02      | 1.10       | 9.60        | 8.74         | -4.76            | 3.98                |  |  |
|                        | 40       | 0.29        | 0.27                  | -16.12      | 1.00       | 9.60        | 8.74         | -4.96            | 3.78                | -15.88      | 1.10       | 9.60        | 8.74         | -4.62            | 4.12                |  |  |

Sample Calculation:  
 PSD: Power Spectral Density  
 The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.  
 RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)  
 PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor  
 PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain  
 The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |
| Date                   | February 8, 2022                   | February 9, 2022    |
| Temperature / Humidity | 27 deg. C / 25 % RH                | 22 deg. C / 41 % RH |
| Engineer               | Takafumi Noguchi                   | Takafumi Noguchi    |
| Mode                   | Tx 11ax-20 OFDMA (106-tone RU)     |                     |

| Antenna 1+3            |          | Applied limit: 15.407, mobile and portable client device |          |           |           |           |        |                |          |           |           |           |           |      |          |          |          |           |           |      |
|------------------------|----------|--|----------|-----------|-----------|-----------|--------|----------------|----------|-----------|-----------|-----------|-----------|------|----------|----------|----------|-----------|-----------|------|
| Tested Frequency [MHz] | RU Index | PSD (Conducted)  |          |           |           |           |        | PSD (e.i.r.p.) |          |           |           |           |           |      |          |          |          |           |           |      |
|                        |          | Antenna 1  |          | Antenna 3 |           | Sum       | Result | Limit          | Margin   | Antenna 1 |           | Antenna 3 |           | Sum  | Result   | Limit    | Margin   |           |           |      |
|                        |          | [mW/MHz]   | [mW/MHz] | [mW/MHz]  | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz]  | [dBm/MHz] | [dBm/MHz] | [dBm/MHz] | [dB] | [mW/MHz] | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB] |
| 5180                   | 53       | 0.36   | 0.57     | 0.93      | -0.32     | 8.26      | 8.58   | 2.72           | 4.23     | 6.94      | 8.42      | 17.00     | 8.58      |      |          |          |          |           |           |      |
|                        | 54       | 0.35   | 0.57     | 0.93      | -0.32     | 8.26      | 8.58   | 2.66           | 4.29     | 6.95      | 8.42      | 17.00     | 8.58      |      |          |          |          |           |           |      |
| 5220                   | 53       | 0.34   | 0.57     | 0.91      | -0.40     | 8.26      | 8.66   | 2.56           | 4.27     | 6.83      | 8.34      | 17.00     | 8.66      |      |          |          |          |           |           |      |
|                        | 54       | 0.36   | 0.60     | 0.96      | -0.16     | 8.26      | 8.42   | 2.72           | 4.49     | 7.20      | 8.58      | 17.00     | 8.42      |      |          |          |          |           |           |      |
| 5240                   | 53       | 0.39   | 0.66     | 1.04      | 0.18      | 8.26      | 8.08   | 2.89           | 4.92     | 7.81      | 8.92      | 17.00     | 8.08      |      |          |          |          |           |           |      |
|                        | 54       | 0.44   | 0.74     | 1.18      | 0.72      | 8.26      | 7.54   | 3.31           | 5.51     | 8.83      | 9.46      | 17.00     | 7.54      |      |          |          |          |           |           |      |
| 5260                   | 53       | 0.50   | 0.82     | 1.32      | 1.21      | 8.26      | 7.05   | 3.77           | 6.12     | 9.88      | 9.95      | 17.00     | 7.05      |      |          |          |          |           |           |      |
|                        | 54       | 0.53   | 0.85     | 1.37      | 1.38      | 8.26      | 6.88   | 3.93           | 6.34     | 10.27     | 10.12     | 17.00     | 6.88      |      |          |          |          |           |           |      |
| 5300                   | 53       | 0.51   | 0.77     | 1.28      | 1.07      | 8.26      | 7.19   | 3.82           | 5.76     | 9.58      | 9.81      | 17.00     | 7.19      |      |          |          |          |           |           |      |
|                        | 54       | 0.52   | 0.78     | 1.30      | 1.12      | 8.26      | 7.14   | 3.87           | 5.83     | 9.69      | 9.86      | 17.00     | 7.14      |      |          |          |          |           |           |      |
| 5320                   | 53       | 0.57   | 0.77     | 1.34      | 1.28      | 8.26      | 6.98   | 4.25           | 5.80     | 10.04     | 10.02     | 17.00     | 6.98      |      |          |          |          |           |           |      |
|                        | 54       | 0.57   | 0.83     | 1.40      | 1.45      | 8.26      | 6.81   | 4.27           | 6.18     | 10.45     | 10.19     | 17.00     | 6.81      |      |          |          |          |           |           |      |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    | Antenna 3             |                 |                  |                    |                     |                        | PSD Result |      |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|-----------------------|-----------------|------------------|--------------------|---------------------|------------------------|------------|------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | PSD e.i.r.p. [dBm/MHz] |            |      |
| 5180                   | 53       | 0.30             | 0.00                       | -15.19                | 0.90            | 9.59             | 8.74               | -4.40                 | 4.34            | -13.37           | 1.00               | 9.59                | 8.74                   | -2.48      | 6.26 |
|                        | 54       | 0.30             | 0.00                       | -15.29                | 0.90            | 9.59             | 8.74               | -4.50                 | 4.24            | -13.30           | 1.00               | 9.59                | 8.74                   | -2.41      | 6.33 |
| 5220                   | 53       | 0.30             | 0.00                       | -15.45                | 0.90            | 9.59             | 8.74               | -4.66                 | 4.08            | -13.33           | 1.00               | 9.59                | 8.74                   | -2.44      | 6.30 |
|                        | 54       | 0.30             | 0.00                       | -15.19                | 0.90            | 9.59             | 8.74               | -4.40                 | 4.34            | -13.11           | 1.00               | 9.59                | 8.74                   | -2.22      | 6.52 |
| 5240                   | 53       | 0.30             | 0.00                       | -14.92                | 0.90            | 9.59             | 8.74               | -4.13                 | 4.61            | -12.71           | 1.00               | 9.59                | 8.74                   | -1.82      | 6.92 |
|                        | 54       | 0.30             | 0.00                       | -14.33                | 0.90            | 9.59             | 8.74               | -3.54                 | 5.20            | -12.22           | 1.00               | 9.59                | 8.74                   | -1.33      | 7.42 |
| 5260                   | 53       | 0.30             | 0.00                       | -13.77                | 0.90            | 9.59             | 8.74               | -2.98                 | 5.76            | -11.77           | 1.00               | 9.59                | 8.74                   | -0.88      | 7.87 |
|                        | 54       | 0.30             | 0.00                       | -13.58                | 0.90            | 9.59             | 8.74               | -2.79                 | 5.95            | -11.61           | 1.00               | 9.59                | 8.74                   | -0.72      | 8.02 |
| 5300                   | 53       | 0.30             | 0.00                       | -13.71                | 0.90            | 9.59             | 8.74               | -2.92                 | 5.82            | -12.02           | 1.00               | 9.59                | 8.74                   | -1.13      | 7.61 |
|                        | 54       | 0.30             | 0.00                       | -13.66                | 0.90            | 9.59             | 8.74               | -2.87                 | 5.87            | -11.98           | 1.00               | 9.59                | 8.74                   | -1.09      | 7.65 |
| 5320                   | 53       | 0.30             | 0.00                       | -13.25                | 0.90            | 9.59             | 8.74               | -2.46                 | 6.28            | -12.00           | 1.00               | 9.59                | 8.74                   | -1.11      | 7.63 |
|                        | 54       | 0.30             | 0.00                       | -13.22                | 0.90            | 9.59             | 8.74               | -2.43                 | 6.31            | -11.72           | 1.00               | 9.59                | 8.74                   | -0.83      | 7.91 |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC,

5725 MHz-5850 MHz for IC)

**Maximum Power Spectral Density**

Test place Ise EMC Lab. No.8 Measurement Room  
 Date February 8, 2022 February 9, 2022  
 Temperature / Humidity 27 deg. C / 25 % RH 22 deg. C / 41 % RH  
 Engineer Takafumi Noguchi Takafumi Noguchi  
 Mode Tx 11ax-20 OFDMA (106-tone RU)

Antenna 1+3 Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
|                        |          | Antenna 1       |          |          | Antenna 3 |           |        | Antenna 1      |          |          | Antenna 3 |           |        |
|                        |          | 1               | 3        | Sum      | Result    | Limit     | Margin | 1              | 3        | Sum      | Result    | Limit     | Margin |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5500                   | 53       | 0.64            | 0.56     | 1.19     | 0.77      | 8.26      | 7.49   | 4.78           | 4.15     | 8.93     | 9.51      | 17.00     | 7.49   |
|                        | 54       | 0.64            | 0.58     | 1.22     | 0.86      | 8.26      | 7.40   | 4.81           | 4.32     | 9.13     | 9.60      | 17.00     | 7.40   |
| 5580                   | 53       | 0.62            | 0.55     | 1.17     | 0.67      | 8.26      | 7.59   | 4.64           | 4.08     | 8.72     | 9.41      | 17.00     | 7.59   |
|                        | 54       | 0.67            | 0.57     | 1.24     | 0.95      | 8.26      | 7.31   | 5.02           | 4.29     | 9.31     | 9.69      | 17.00     | 7.31   |
| 5700                   | 53       | 0.50            | 0.64     | 1.14     | 0.58      | 8.26      | 7.68   | 3.74           | 4.81     | 8.55     | 9.32      | 17.00     | 7.68   |
|                        | 54       | 0.51            | 0.67     | 1.17     | 0.70      | 8.26      | 7.56   | 3.79           | 5.00     | 8.79     | 9.44      | 17.00     | 7.56   |
| 5720                   | 53       | 0.56            | 0.62     | 1.18     | 0.73      | 8.26      | 7.53   | 4.20           | 4.65     | 8.85     | 9.47      | 17.00     | 7.53   |
|                        | 54       | 0.56            | 0.59     | 1.15     | 0.61      | 8.26      | 7.65   | 4.19           | 4.42     | 8.61     | 9.35      | 17.00     | 7.65   |
| 5745                   | 53       | 0.30            | 0.32     | 0.62     | -2.06     | 27.26     | 29.32  | 2.26           | 2.40     | 4.66     | 6.68      | 36.00     | 29.32  |
|                        | 54       | 0.31            | 0.31     | 0.62     | -2.09     | 27.26     | 29.35  | 2.34           | 2.29     | 4.62     | 6.65      | 36.00     | 29.35  |
| 5785                   | 53       | 0.29            | 0.36     | 0.65     | -1.87     | 27.26     | 29.13  | 2.18           | 2.68     | 4.86     | 6.87      | 36.00     | 29.13  |
|                        | 54       | 0.29            | 0.34     | 0.62     | -2.06     | 27.26     | 29.32  | 2.14           | 2.52     | 4.65     | 6.68      | 36.00     | 29.32  |
| 5825                   | 53       | 0.31            | 0.33     | 0.64     | -1.92     | 27.26     | 29.18  | 2.31           | 2.50     | 4.81     | 6.82      | 36.00     | 29.18  |
|                        | 54       | 0.32            | 0.36     | 0.68     | -1.71     | 27.26     | 28.97  | 2.39           | 2.66     | 5.05     | 7.03      | 36.00     | 28.97  |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    | Antenna 3                  |                               |                       |                 |                  |                    |                            |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5500                   | 53       | 0.30             | 0.00                       | -12.83                | 1.00            | 9.58             | 8.74               | -1.95                      | 6.79                          | -13.54                | 1.10            | 9.58             | 8.74               | -2.56                      | 6.18                          |
|                        | 54       | 0.30             | 0.00                       | -12.80                | 1.00            | 9.58             | 8.74               | -1.92                      | 6.82                          | -13.36                | 1.10            | 9.58             | 8.74               | -2.38                      | 6.36                          |
| 5580                   | 53       | 0.30             | 0.00                       | -12.95                | 1.00            | 9.58             | 8.74               | -2.07                      | 6.67                          | -13.61                | 1.10            | 9.58             | 8.74               | -2.63                      | 6.11                          |
|                        | 54       | 0.30             | 0.00                       | -12.62                | 1.00            | 9.58             | 8.74               | -1.74                      | 7.00                          | -13.40                | 1.10            | 9.58             | 8.74               | -2.42                      | 6.33                          |
| 5700                   | 53       | 0.30             | 0.00                       | -13.90                | 1.00            | 9.59             | 8.74               | -3.01                      | 5.73                          | -12.91                | 1.10            | 9.59             | 8.74               | -1.92                      | 6.82                          |
|                        | 54       | 0.30             | 0.00                       | -13.85                | 1.00            | 9.59             | 8.74               | -2.96                      | 5.78                          | -12.74                | 1.10            | 9.59             | 8.74               | -1.75                      | 6.99                          |
| 5720                   | 53       | 0.30             | 0.00                       | -13.40                | 1.00            | 9.59             | 8.74               | -2.51                      | 6.23                          | -13.05                | 1.10            | 9.59             | 8.74               | -2.06                      | 6.68                          |
|                        | 54       | 0.30             | 0.00                       | -13.41                | 1.00            | 9.59             | 8.74               | -2.52                      | 6.22                          | -13.28                | 1.10            | 9.59             | 8.74               | -2.29                      | 6.46                          |
| 5745                   | 53       | 0.30             | 0.27                       | -16.35                | 1.00            | 9.59             | 8.74               | -5.19                      | 3.55                          | -16.20                | 1.10            | 9.59             | 8.74               | -4.94                      | 3.80                          |
|                        | 54       | 0.30             | 0.27                       | -16.21                | 1.00            | 9.59             | 8.74               | -5.05                      | 3.69                          | -16.41                | 1.10            | 9.59             | 8.74               | -5.15                      | 3.59                          |
| 5785                   | 53       | 0.30             | 0.27                       | -16.51                | 1.00            | 9.59             | 8.74               | -5.35                      | 3.39                          | -15.72                | 1.10            | 9.59             | 8.74               | -4.46                      | 4.28                          |
|                        | 54       | 0.30             | 0.27                       | -16.60                | 1.00            | 9.59             | 8.74               | -5.44                      | 3.30                          | -15.99                | 1.10            | 9.59             | 8.74               | -4.73                      | 4.01                          |
| 5825                   | 53       | 0.30             | 0.27                       | -16.27                | 1.00            | 9.60             | 8.74               | -5.10                      | 3.64                          | -16.03                | 1.10            | 9.60             | 8.74               | -4.76                      | 3.98                          |
|                        | 54       | 0.30             | 0.27                       | -16.12                | 1.00            | 9.60             | 8.74               | -4.95                      | 3.79                          | -15.77                | 1.10            | 9.60             | 8.74               | -4.50                      | 4.24                          |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC,

5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |
| Date                   | February 9, 2022                   | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 31 % RH                | 22 deg. C / 41 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    |
| Mode                   | Tx 11ax-20 OFDMA (242-tone RU)     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5180                      | 0.37            | 0.53     | 0.90      | -0.46     | 8.26  | 8.72     | 2.77           | 3.96     | 6.74      | 8.28      | 17.00 | 8.72   |
| 5220                      | 0.37            | 0.54     | 0.91      | -0.39     | 8.26  | 8.65     | 2.80           | 4.05     | 6.84      | 8.35      | 17.00 | 8.65   |
| 5240                      | 0.39            | 0.61     | 1.00      | -0.02     | 8.26  | 8.28     | 2.90           | 4.55     | 7.45      | 8.72      | 17.00 | 8.28   |
| 5260                      | 0.55            | 0.83     | 1.38      | 1.40      | 8.26  | 6.86     | 4.13           | 6.19     | 10.33     | 10.14     | 17.00 | 6.86   |
| 5300                      | 0.56            | 0.71     | 1.28      | 1.07      | 8.26  | 7.19     | 4.23           | 5.35     | 9.57      | 9.81      | 17.00 | 7.19   |
| 5320                      | 0.60            | 0.73     | 1.33      | 1.25      | 8.26  | 7.01     | 4.52           | 5.47     | 9.99      | 9.99      | 17.00 | 7.01   |
| 5500                      | 0.63            | 0.55     | 1.18      | 0.72      | 8.26  | 7.54     | 4.73           | 4.10     | 8.83      | 9.46      | 17.00 | 7.54   |
| 5580                      | 0.65            | 0.53     | 1.18      | 0.73      | 8.26  | 7.53     | 4.90           | 3.95     | 8.85      | 9.47      | 17.00 | 7.53   |
| 5700                      | 0.59            | 0.63     | 1.22      | 0.87      | 8.26  | 7.39     | 4.42           | 4.72     | 9.14      | 9.61      | 17.00 | 7.39   |
| 5720                      | 0.60            | 0.65     | 1.24      | 0.95      | 8.26  | 7.31     | 4.46           | 4.84     | 9.30      | 9.69      | 17.00 | 7.31   |
| 5745                      | 0.32            | 0.35     | 0.67      | -1.71     | 27.26 | 28.97    | 2.42           | 2.62     | 5.05      | 7.03      | 36.00 | 28.97  |
| 5785                      | 0.33            | 0.34     | 0.68      | -1.70     | 27.26 | 28.96    | 2.49           | 2.56     | 5.06      | 7.04      | 36.00 | 28.96  |
| 5825                      | 0.35            | 0.36     | 0.70      | -1.53     | 27.26 | 28.79    | 2.58           | 2.67     | 5.26      | 7.21      | 36.00 | 28.79  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|---------------------------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                           | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                           | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |
| 5180                      | 0.36        | 0.00                  | -15.16      | 0.90       | 9.59        | 8.74         | -4.31            | 4.43                | -13.71      | 1.00       | 9.59        | 8.74         | -2.76            | 5.98                |
| 5220                      | 0.36        | 0.00                  | -15.12      | 0.90       | 9.59        | 8.74         | -4.27            | 4.47                | -13.62      | 1.00       | 9.59        | 8.74         | -2.67            | 6.07                |
| 5240                      | 0.36        | 0.00                  | -14.97      | 0.90       | 9.59        | 8.74         | -4.12            | 4.62                | -13.11      | 1.00       | 9.59        | 8.74         | -2.16            | 6.58                |
| 5260                      | 0.36        | 0.00                  | -13.43      | 0.90       | 9.59        | 8.74         | -2.58            | 6.16                | -11.77      | 1.00       | 9.59        | 8.74         | -0.82            | 7.92                |
| 5300                      | 0.36        | 0.00                  | -13.33      | 0.90       | 9.59        | 8.74         | -2.48            | 6.26                | -12.41      | 1.00       | 9.59        | 8.74         | -1.46            | 7.28                |
| 5320                      | 0.36        | 0.00                  | -13.04      | 0.90       | 9.59        | 8.74         | -2.19            | 6.55                | -12.31      | 1.00       | 9.59        | 8.74         | -1.36            | 7.38                |
| 5500                      | 0.36        | 0.00                  | -12.93      | 1.00       | 9.58        | 8.74         | -1.99            | 6.75                | -13.65      | 1.10       | 9.58        | 8.74         | -2.61            | 6.13                |
| 5580                      | 0.36        | 0.00                  | -12.78      | 1.00       | 9.58        | 8.74         | -1.84            | 6.90                | -13.81      | 1.10       | 9.58        | 8.74         | -2.77            | 5.97                |
| 5700                      | 0.36        | 0.00                  | -13.23      | 1.00       | 9.59        | 8.74         | -2.28            | 6.46                | -13.05      | 1.10       | 9.59        | 8.74         | -2.00            | 6.74                |
| 5720                      | 0.36        | 0.00                  | -13.20      | 1.00       | 9.59        | 8.74         | -2.25            | 6.49                | -12.94      | 1.10       | 9.59        | 8.74         | -1.89            | 6.85                |
| 5745                      | 0.36        | 0.27                  | -16.12      | 1.00       | 9.59        | 8.74         | -4.90            | 3.84                | -15.87      | 1.10       | 9.59        | 8.74         | -4.55            | 4.19                |
| 5785                      | 0.36        | 0.27                  | -15.99      | 1.00       | 9.59        | 8.74         | -4.77            | 3.97                | -15.97      | 1.10       | 9.59        | 8.74         | -4.65            | 4.09                |
| 5825                      | 0.36        | 0.27                  | -15.85      | 1.00       | 9.60        | 8.74         | -4.62            | 4.12                | -15.80      | 1.10       | 9.60        | 8.74         | -4.47            | 4.27                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |
|------------------------|------------------------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |
| Date                   | February 10, 2022                  |
| Temperature / Humidity | 21 deg. C / 36 % RH                |
| Engineer               | Takafumi Noguchi                   |
| Mode                   | Tx 11n-40                          |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5190                      | 0.22            | 0.39     | 0.61      | -2.16     | 8.26  | 10.42    | 1.62           | 2.93     | 4.55      | 6.58      | 17.00 | 10.42  |
| 5230                      | 0.24            | 0.40     | 0.64      | -1.95     | 8.26  | 10.21    | 1.76           | 3.02     | 4.78      | 6.79      | 17.00 | 10.21  |
| 5270                      | 0.35            | 0.62     | 0.96      | -0.16     | 8.26  | 8.42     | 2.60           | 4.61     | 7.21      | 8.58      | 17.00 | 8.42   |
| 5310                      | 0.34            | 0.52     | 0.87      | -0.63     | 8.26  | 8.89     | 2.55           | 3.92     | 6.48      | 8.11      | 17.00 | 8.89   |
| 5510                      | 0.40            | 0.39     | 0.78      | -1.07     | 8.26  | 9.33     | 2.96           | 2.89     | 5.85      | 7.67      | 17.00 | 9.33   |
| 5550                      | 0.39            | 0.41     | 0.80      | -0.97     | 8.26  | 9.23     | 2.90           | 3.08     | 5.98      | 7.77      | 17.00 | 9.23   |
| 5670                      | 0.36            | 0.46     | 0.82      | -0.87     | 8.26  | 9.13     | 2.68           | 3.44     | 6.12      | 7.87      | 17.00 | 9.13   |
| 5710                      | 0.38            | 0.45     | 0.83      | -0.81     | 8.26  | 9.07     | 2.88           | 3.34     | 6.21      | 7.93      | 17.00 | 9.07   |
| 5755                      | 0.20            | 0.23     | 0.43      | -3.63     | 27.26 | 30.89    | 1.52           | 1.72     | 3.25      | 5.11      | 36.00 | 30.89  |
| 5795                      | 0.22            | 0.24     | 0.46      | -3.38     | 27.26 | 30.64    | 1.65           | 1.78     | 3.43      | 5.36      | 36.00 | 30.64  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |         |       |            |             |              | Antenna 3  |           |            |             |              |            |           |
|---------------------------|-------------|-----------------------|---------|-------|------------|-------------|--------------|------------|-----------|------------|-------------|--------------|------------|-----------|
|                           | Duty Factor | RBW Correction Factor | PSD     |       | Cable Loss | Atten. Loss | Antenna Gain | PSD Result |           | Cable Loss | Atten. Loss | Antenna Gain | PSD Result |           |
|                           |             |                       | Reading | Cond. |            |             |              | Cond.      | e.i.r.p.  |            |             |              | Reading    | Cond.     |
| [dB]                      | [dB]        | [dBm/MHz]             | [dB]    | [dB]  | [dB]       | [dB]        | [dBm/MHz]    | [dBm/MHz]  | [dBm/MHz] | [dB]       | [dB]        | [dB]         | [dBm/MHz]  | [dBm/MHz] |
| 5190                      | 0.06        | 0.00                  | -17.19  | 0.90  | 9.59       | 8.74        | -6.64        | 2.10       | -14.72    | 1.00       | 9.59        | 8.74         | -4.07      | 4.67      |
| 5230                      | 0.06        | 0.00                  | -16.83  | 0.90  | 9.59       | 8.74        | -6.28        | 2.46       | -14.60    | 1.00       | 9.59        | 8.74         | -3.95      | 4.79      |
| 5270                      | 0.06        | 0.00                  | -15.15  | 0.90  | 9.59       | 8.74        | -4.60        | 4.14       | -12.75    | 1.00       | 9.59        | 8.74         | -2.10      | 6.64      |
| 5310                      | 0.06        | 0.00                  | -15.22  | 0.90  | 9.59       | 8.74        | -4.67        | 4.07       | -13.45    | 1.00       | 9.59        | 8.74         | -2.80      | 5.94      |
| 5510                      | 0.06        | 0.00                  | -14.67  | 1.00  | 9.58       | 8.74        | -4.03        | 4.71       | -14.87    | 1.10       | 9.58        | 8.74         | -4.13      | 4.62      |
| 5550                      | 0.06        | 0.00                  | -14.75  | 1.00  | 9.58       | 8.74        | -4.11        | 4.63       | -14.60    | 1.10       | 9.58        | 8.74         | -3.86      | 4.88      |
| 5670                      | 0.06        | 0.00                  | -15.12  | 1.00  | 9.59       | 8.74        | -4.47        | 4.27       | -14.12    | 1.10       | 9.59        | 8.74         | -3.37      | 5.37      |
| 5710                      | 0.06        | 0.00                  | -14.80  | 1.00  | 9.59       | 8.74        | -4.15        | 4.59       | -14.26    | 1.10       | 9.59        | 8.74         | -3.51      | 5.23      |
| 5755                      | 0.06        | 0.27                  | -17.83  | 1.00  | 9.59       | 8.74        | -6.91        | 1.83       | -17.40    | 1.10       | 9.59        | 8.74         | -6.38      | 2.36      |
| 5795                      | 0.06        | 0.27                  | -17.50  | 1.00  | 9.60       | 8.74        | -6.57        | 2.17       | -17.26    | 1.10       | 9.60        | 8.74         | -6.23      | 2.51      |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |
|------------------------|------------------------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |
| Date                   | February 10, 2022                  |
| Temperature / Humidity | 21 deg. C / 36 % RH                |
| Engineer               | Takafumi Noguchi                   |
| Mode                   | Tx 11ac-40                         |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5190                      | 0.23            | 0.37     | 0.60      | -2.25     | 8.26  | 10.51    | 1.70           | 2.76     | 4.45      | 6.49      | 17.00 | 10.51  |
| 5230                      | 0.23            | 0.39     | 0.62      | -2.11     | 8.26  | 10.37    | 1.69           | 2.92     | 4.61      | 6.63      | 17.00 | 10.37  |
| 5270                      | 0.34            | 0.61     | 0.94      | -0.25     | 8.26  | 8.51     | 2.53           | 4.53     | 7.06      | 8.49      | 17.00 | 8.51   |
| 5310                      | 0.35            | 0.50     | 0.85      | -0.70     | 8.26  | 8.96     | 2.65           | 3.71     | 6.36      | 8.04      | 17.00 | 8.96   |
| 5510                      | 0.40            | 0.38     | 0.78      | -1.09     | 8.26  | 9.35     | 3.00           | 2.82     | 5.82      | 7.65      | 17.00 | 9.35   |
| 5550                      | 0.38            | 0.42     | 0.80      | -0.96     | 8.26  | 9.22     | 2.87           | 3.13     | 5.99      | 7.78      | 17.00 | 9.22   |
| 5670                      | 0.34            | 0.49     | 0.83      | -0.79     | 8.26  | 9.05     | 2.55           | 3.68     | 6.24      | 7.95      | 17.00 | 9.05   |
| 5710                      | 0.34            | 0.46     | 0.80      | -0.95     | 8.26  | 9.21     | 2.56           | 3.45     | 6.01      | 7.79      | 17.00 | 9.21   |
| 5755                      | 0.19            | 0.23     | 0.42      | -3.73     | 27.26 | 30.99    | 1.45           | 1.72     | 3.17      | 5.01      | 36.00 | 30.99  |
| 5795                      | 0.20            | 0.24     | 0.44      | -3.60     | 27.26 | 30.86    | 1.50           | 1.76     | 3.27      | 5.14      | 36.00 | 30.86  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |           |       |            |             |              | Antenna 3  |           |            |             |              |            |           |
|---------------------------|-------------|-----------------------|-----------|-------|------------|-------------|--------------|------------|-----------|------------|-------------|--------------|------------|-----------|
|                           | Duty Factor | RBW Correction Factor | PSD       |       | Cable Loss | Atten. Loss | Antenna Gain | PSD Result |           | Cable Loss | Atten. Loss | Antenna Gain | PSD Result |           |
|                           |             |                       | Reading   | Cond. |            |             |              | Cond.      | e.i.r.p.  |            |             |              | Reading    | Cond.     |
| [dB]                      | [dB]        | [dBm/MHz]             | [dBm/MHz] | [dB]  | [dB]       | [dBi]       | [dBm/MHz]    | [dBm/MHz]  | [dBm/MHz] | [dB]       | [dB]        | [dBi]        | [dBm/MHz]  | [dBm/MHz] |
| 5190                      | 0.06        | 0.00                  | -17.00    | 0.90  | 9.59       | 8.74        | -6.45        | 2.29       | -14.99    | 1.00       | 9.59        | 8.74         | -4.34      | 4.40      |
| 5230                      | 0.06        | 0.00                  | -17.01    | 0.90  | 9.59       | 8.74        | -6.46        | 2.28       | -14.74    | 1.00       | 9.59        | 8.74         | -4.09      | 4.65      |
| 5270                      | 0.06        | 0.00                  | -15.26    | 0.90  | 9.59       | 8.74        | -4.71        | 4.03       | -12.83    | 1.00       | 9.59        | 8.74         | -2.18      | 6.56      |
| 5310                      | 0.06        | 0.00                  | -15.06    | 0.90  | 9.59       | 8.74        | -4.51        | 4.23       | -13.69    | 1.00       | 9.59        | 8.74         | -3.04      | 5.70      |
| 5510                      | 0.06        | 0.00                  | -14.61    | 1.00  | 9.58       | 8.74        | -3.97        | 4.77       | -14.98    | 1.10       | 9.58        | 8.74         | -4.24      | 4.50      |
| 5550                      | 0.06        | 0.00                  | -14.80    | 1.00  | 9.58       | 8.74        | -4.16        | 4.58       | -14.53    | 1.10       | 9.58        | 8.74         | -3.79      | 4.95      |
| 5670                      | 0.06        | 0.00                  | -15.32    | 1.00  | 9.59       | 8.74        | -4.67        | 4.07       | -13.83    | 1.10       | 9.59        | 8.74         | -3.08      | 5.66      |
| 5710                      | 0.06        | 0.00                  | -15.30    | 1.00  | 9.59       | 8.74        | -4.65        | 4.09       | -14.12    | 1.10       | 9.59        | 8.74         | -3.37      | 5.38      |
| 5755                      | 0.06        | 0.27                  | -18.06    | 1.00  | 9.59       | 8.74        | -7.14        | 1.60       | -17.40    | 1.10       | 9.59        | 8.74         | -6.38      | 2.36      |
| 5795                      | 0.06        | 0.27                  | -17.90    | 1.00  | 9.60       | 8.74        | -6.97        | 1.77       | -17.31    | 1.10       | 9.60        | 8.74         | -6.28      | 2.46      |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |
|------------------------|------------------------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |
| Date                   | February 10, 2022                  |
| Temperature / Humidity | 21 deg. C / 36 % RH                |
| Engineer               | Takafumi Noguchi                   |
| Mode                   | Tx 11ax-40 (OFDM)                  |

Antenna 1+3 Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5190                      | 0.21            | 0.37     | 0.58      | -2.35     | 8.26  | 10.61    | 1.60           | 2.76     | 4.36      | 6.39      | 17.00 | 10.61  |
| 5230                      | 0.22            | 0.37     | 0.58      | -2.34     | 8.26  | 10.60    | 1.63           | 2.74     | 4.37      | 6.40      | 17.00 | 10.60  |
| 5270                      | 0.33            | 0.58     | 0.91      | -0.42     | 8.26  | 8.68     | 2.48           | 4.32     | 6.80      | 8.32      | 17.00 | 8.68   |
| 5310                      | 0.32            | 0.50     | 0.82      | -0.87     | 8.26  | 9.13     | 2.42           | 3.70     | 6.13      | 7.87      | 17.00 | 9.13   |
| 5510                      | 0.37            | 0.34     | 0.71      | -1.50     | 8.26  | 9.76     | 2.75           | 2.54     | 5.30      | 7.24      | 17.00 | 9.76   |
| 5550                      | 0.37            | 0.39     | 0.75      | -1.22     | 8.26  | 9.48     | 2.75           | 2.90     | 5.65      | 7.52      | 17.00 | 9.48   |
| 5670                      | 0.32            | 0.47     | 0.79      | -1.04     | 8.26  | 9.30     | 2.38           | 3.51     | 5.89      | 7.70      | 17.00 | 9.30   |
| 5710                      | 0.33            | 0.43     | 0.76      | -1.17     | 8.26  | 9.43     | 2.48           | 3.23     | 5.71      | 7.57      | 17.00 | 9.43   |
| 5755                      | 0.20            | 0.23     | 0.42      | -3.75     | 27.26 | 31.01    | 1.46           | 1.69     | 3.15      | 4.99      | 36.00 | 31.01  |
| 5795                      | 0.20            | 0.22     | 0.41      | -3.85     | 27.26 | 31.11    | 1.47           | 1.61     | 3.08      | 4.89      | 36.00 | 31.11  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|---------------------------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                           | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                           |             |                       |             |            |             |              |                  |                     |             |            |             |              |                  |                     |
| 5190                      | 0.07        | 0.00                  | -17.26      | 0.90       | 9.59        | 8.74         | -6.70            | 2.04                | -15.00      | 1.00       | 9.59        | 8.74         | -4.34            | 4.40                |
| 5230                      | 0.07        | 0.00                  | -17.18      | 0.90       | 9.59        | 8.74         | -6.62            | 2.12                | -15.03      | 1.00       | 9.59        | 8.74         | -4.37            | 4.38                |
| 5270                      | 0.07        | 0.00                  | -15.35      | 0.90       | 9.59        | 8.74         | -4.79            | 3.95                | -13.05      | 1.00       | 9.59        | 8.74         | -2.39            | 6.35                |
| 5310                      | 0.07        | 0.00                  | -15.46      | 0.90       | 9.59        | 8.74         | -4.90            | 3.84                | -13.71      | 1.00       | 9.59        | 8.74         | -3.05            | 5.69                |
| 5510                      | 0.07        | 0.00                  | -14.99      | 1.00       | 9.58        | 8.74         | -4.34            | 4.40                | -15.44      | 1.10       | 9.58        | 8.74         | -4.69            | 4.05                |
| 5550                      | 0.07        | 0.00                  | -15.00      | 1.00       | 9.58        | 8.74         | -4.35            | 4.39                | -14.87      | 1.10       | 9.58        | 8.74         | -4.12            | 4.62                |
| 5670                      | 0.07        | 0.00                  | -15.64      | 1.00       | 9.59        | 8.74         | -4.98            | 3.76                | -14.04      | 1.10       | 9.59        | 8.74         | -3.28            | 5.46                |
| 5710                      | 0.07        | 0.00                  | -15.46      | 1.00       | 9.59        | 8.74         | -4.80            | 3.94                | -14.40      | 1.10       | 9.59        | 8.74         | -3.64            | 5.10                |
| 5755                      | 0.07        | 0.27                  | -18.02      | 1.00       | 9.59        | 8.74         | -7.10            | 1.64                | -17.49      | 1.10       | 9.59        | 8.74         | -6.46            | 2.28                |
| 5795                      | 0.07        | 0.27                  | -17.99      | 1.00       | 9.60        | 8.74         | -7.06            | 1.68                | -17.71      | 1.10       | 9.60        | 8.74         | -6.67            | 2.07                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor =  $10 * \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 6, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 40 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Model                  | Tx 11ax-40 OFDMA (26-tone RU)      |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
|                        |          | Antenna 1       |          |          | Antenna 3 |           |        | Antenna 1      |          |          | Antenna 3 |           |        |
|                        |          | 1               | 3        | Sum      | Result    | Limit     | Margin | 1              | 3        | Sum      | Result    | Limit     | Margin |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5190                   | 0        | 0.28            | 0.42     | 0.70     | -1.56     | 8.26      | 9.82   | 2.06           | 3.16     | 5.22     | 7.18      | 17.00     | 9.82   |
|                        | 8        | 0.30            | 0.48     | 0.78     | -1.06     | 8.26      | 9.32   | 2.25           | 3.60     | 5.86     | 7.68      | 17.00     | 9.32   |
|                        | 17       | 0.30            | 0.47     | 0.77     | -1.12     | 8.26      | 9.38   | 2.26           | 3.53     | 5.78     | 7.62      | 17.00     | 9.38   |
| 5230                   | 0        | 0.28            | 0.44     | 0.72     | -1.40     | 8.26      | 9.66   | 2.13           | 3.29     | 5.42     | 7.34      | 17.00     | 9.66   |
|                        | 8        | 0.30            | 0.49     | 0.80     | -0.98     | 8.26      | 9.24   | 2.28           | 3.69     | 5.96     | 7.76      | 17.00     | 9.24   |
|                        | 17       | 0.30            | 0.47     | 0.77     | -1.14     | 8.26      | 9.40   | 2.21           | 3.54     | 5.76     | 7.60      | 17.00     | 9.40   |
| 5270                   | 0        | 0.35            | 0.63     | 0.98     | -0.09     | 8.26      | 8.35   | 2.65           | 4.68     | 7.33     | 8.65      | 17.00     | 8.35   |
|                        | 8        | 0.39            | 0.77     | 1.16     | 0.63      | 8.26      | 7.63   | 2.91           | 5.74     | 8.65     | 9.37      | 17.00     | 7.63   |
|                        | 17       | 0.37            | 0.71     | 1.08     | 0.35      | 8.26      | 7.91   | 2.80           | 5.30     | 8.10     | 9.09      | 17.00     | 7.91   |
| 5310                   | 0        | 0.39            | 0.58     | 0.96     | -0.16     | 8.26      | 8.42   | 2.89           | 4.32     | 7.21     | 8.58      | 17.00     | 8.42   |
|                        | 8        | 0.46            | 0.63     | 1.08     | 0.35      | 8.26      | 7.91   | 3.41           | 4.70     | 8.11     | 9.09      | 17.00     | 7.91   |
|                        | 17       | 0.46            | 0.56     | 1.02     | 0.09      | 8.26      | 8.17   | 3.45           | 4.18     | 7.63     | 8.83      | 17.00     | 8.17   |

| Tested Frequency [MHz] | RU Index | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|------------------------|----------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                        |          | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                        |          | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |
| 5190                   | 0        | 0.24        | 0.00                  | -16.33      | 0.90       | 9.59        | 8.74         | -5.60            | 3.14                | -14.57      | 1.00       | 9.59        | 8.74         | -3.74            | 5.00                |
|                        | 8        | 0.24        | 0.00                  | -15.94      | 0.90       | 9.59        | 8.74         | -5.21            | 3.53                | -14.01      | 1.00       | 9.59        | 8.74         | -3.18            | 5.57                |
|                        | 17       | 0.24        | 0.00                  | -15.94      | 0.90       | 9.59        | 8.74         | -5.21            | 3.53                | -14.10      | 1.00       | 9.59        | 8.74         | -3.27            | 5.48                |
| 5230                   | 0        | 0.24        | 0.00                  | -16.19      | 0.90       | 9.59        | 8.74         | -5.46            | 3.28                | -14.40      | 1.00       | 9.59        | 8.74         | -3.57            | 5.18                |
|                        | 8        | 0.24        | 0.00                  | -15.90      | 0.90       | 9.59        | 8.74         | -5.17            | 3.57                | -13.90      | 1.00       | 9.59        | 8.74         | -3.07            | 5.67                |
|                        | 17       | 0.24        | 0.00                  | -16.02      | 0.90       | 9.59        | 8.74         | -5.29            | 3.45                | -14.08      | 1.00       | 9.59        | 8.74         | -3.25            | 5.49                |
| 5270                   | 0        | 0.24        | 0.00                  | -15.24      | 0.90       | 9.59        | 8.74         | -4.51            | 4.23                | -12.86      | 1.00       | 9.59        | 8.74         | -2.03            | 6.71                |
|                        | 8        | 0.24        | 0.00                  | -14.83      | 0.90       | 9.59        | 8.74         | -4.10            | 4.64                | -11.98      | 1.00       | 9.59        | 8.74         | -1.15            | 7.59                |
|                        | 17       | 0.24        | 0.00                  | -15.00      | 0.90       | 9.59        | 8.74         | -4.27            | 4.47                | -12.32      | 1.00       | 9.59        | 8.74         | -1.49            | 7.25                |
| 5310                   | 0        | 0.24        | 0.00                  | -14.86      | 0.90       | 9.59        | 8.74         | -4.13            | 4.61                | -13.21      | 1.00       | 9.59        | 8.74         | -2.38            | 6.36                |
|                        | 8        | 0.24        | 0.00                  | -14.14      | 0.90       | 9.59        | 8.74         | -3.41            | 5.33                | -12.85      | 1.00       | 9.59        | 8.74         | -2.02            | 6.72                |
|                        | 17       | 0.24        | 0.00                  | -14.09      | 0.90       | 9.59        | 8.74         | -3.36            | 5.38                | -13.36      | 1.00       | 9.59        | 8.74         | -2.53            | 6.21                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)





### Maximum Power Spectral Density

Test place: Ise EMC Lab. No.8 Measurement Room  
 Date: February 6, 2022 February 9, 2022 February 9, 2022  
 Temperature / Humidity: 23 deg. C / 40 % RH 22 deg. C / 41 % RH 23 deg. C / 31 % RH  
 Engineer: Kiyoshiro Okazaki Takafumi Noguchi Kiyoshiro Okazaki  
 Mode: Tx 11ax-40 OFDMA (52-tone RU)

Antenna 1+3 Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
|                        |          | Antenna 1       |          |          | Antenna 3 |           |        | Antenna 1      |          |          | Antenna 3 |           |        |
|                        |          | 1               | 3        | Sum      | Result    | Limit     | Margin | 1              | 3        | Sum      | Result    | Limit     | Margin |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5190                   | 37       | 0.31            | 0.53     | 0.84     | -0.78     | 8.26      | 9.04   | 2.30           | 3.96     | 6.26     | 7.96      | 17.00     | 9.04   |
|                        | 40       | 0.34            | 0.58     | 0.92     | -0.38     | 8.26      | 8.64   | 2.53           | 4.32     | 6.86     | 8.36      | 17.00     | 8.64   |
|                        | 44       | 0.31            | 0.57     | 0.88     | -0.56     | 8.26      | 8.82   | 2.32           | 4.26     | 6.58     | 8.18      | 17.00     | 8.82   |
| 5230                   | 37       | 0.31            | 0.48     | 0.79     | -1.00     | 8.26      | 9.26   | 2.35           | 3.59     | 5.94     | 7.74      | 17.00     | 9.26   |
|                        | 40       | 0.33            | 0.53     | 0.86     | -0.66     | 8.26      | 8.92   | 2.47           | 3.95     | 6.42     | 8.08      | 17.00     | 8.92   |
|                        | 44       | 0.34            | 0.52     | 0.86     | -0.66     | 8.26      | 8.92   | 2.52           | 3.91     | 6.43     | 8.08      | 17.00     | 8.92   |
| 5270                   | 37       | 0.34            | 0.81     | 1.15     | 0.60      | 8.26      | 7.66   | 2.56           | 6.02     | 8.58     | 9.34      | 17.00     | 7.66   |
|                        | 40       | 0.39            | 0.88     | 1.28     | 1.07      | 8.26      | 7.19   | 2.95           | 6.62     | 9.57     | 9.81      | 17.00     | 7.19   |
|                        | 44       | 0.39            | 0.80     | 1.19     | 0.77      | 8.26      | 7.49   | 2.95           | 5.97     | 8.92     | 9.51      | 17.00     | 7.49   |
| 5310                   | 37       | 0.39            | 0.66     | 1.05     | 0.22      | 8.26      | 8.04   | 2.91           | 4.96     | 7.87     | 8.96      | 17.00     | 8.04   |
|                        | 40       | 0.45            | 0.72     | 1.17     | 0.68      | 8.26      | 7.58   | 3.39           | 5.36     | 8.75     | 9.42      | 17.00     | 7.58   |
|                        | 44       | 0.42            | 0.66     | 1.08     | 0.33      | 8.26      | 7.93   | 3.11           | 4.96     | 8.07     | 9.07      | 17.00     | 7.93   |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    | Antenna 3                  |                               |                       |                 |                  |                    |                            |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5190                   | 37       | 0.29             | 0.00                       | -15.91                | 0.90            | 9.59             | 8.74               | -5.13                      | 3.61                          | -13.64                | 1.00            | 9.59             | 8.74               | -2.76                      | 5.98                          |
|                        | 40       | 0.29             | 0.00                       | -15.48                | 0.90            | 9.59             | 8.74               | -4.70                      | 4.04                          | -13.26                | 1.00            | 9.59             | 8.74               | -2.38                      | 6.36                          |
|                        | 44       | 0.29             | 0.00                       | -15.86                | 0.90            | 9.59             | 8.74               | -5.08                      | 3.66                          | -13.33                | 1.00            | 9.59             | 8.74               | -2.45                      | 6.29                          |
| 5230                   | 37       | 0.29             | 0.00                       | -15.81                | 0.90            | 9.59             | 8.74               | -5.03                      | 3.71                          | -14.07                | 1.00            | 9.59             | 8.74               | -3.19                      | 5.55                          |
|                        | 40       | 0.29             | 0.00                       | -15.59                | 0.90            | 9.59             | 8.74               | -4.81                      | 3.93                          | -13.65                | 1.00            | 9.59             | 8.74               | -2.77                      | 5.97                          |
|                        | 44       | 0.29             | 0.00                       | -15.51                | 0.90            | 9.59             | 8.74               | -4.73                      | 4.01                          | -13.70                | 1.00            | 9.59             | 8.74               | -2.82                      | 5.93                          |
| 5270                   | 37       | 0.29             | 0.00                       | -15.44                | 0.90            | 9.59             | 8.74               | -4.66                      | 4.08                          | -11.82                | 1.00            | 9.59             | 8.74               | -0.94                      | 7.80                          |
|                        | 40       | 0.29             | 0.00                       | -14.82                | 0.90            | 9.59             | 8.74               | -4.04                      | 4.70                          | -11.41                | 1.00            | 9.59             | 8.74               | -0.53                      | 8.21                          |
|                        | 44       | 0.29             | 0.00                       | -14.82                | 0.90            | 9.59             | 8.74               | -4.04                      | 4.70                          | -11.86                | 1.00            | 9.59             | 8.74               | -0.98                      | 7.76                          |
| 5310                   | 37       | 0.29             | 0.00                       | -14.88                | 0.90            | 9.59             | 8.74               | -4.10                      | 4.64                          | -12.67                | 1.00            | 9.59             | 8.74               | -1.79                      | 6.96                          |
|                        | 40       | 0.29             | 0.00                       | -14.22                | 0.90            | 9.59             | 8.74               | -3.44                      | 5.30                          | -12.33                | 1.00            | 9.59             | 8.74               | -1.45                      | 7.29                          |
|                        | 44       | 0.29             | 0.00                       | -14.59                | 0.90            | 9.59             | 8.74               | -3.81                      | 4.93                          | -12.66                | 1.00            | 9.59             | 8.74               | -1.78                      | 6.96                          |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor =  $10 * \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)



## Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 32 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Junki Nagatomi                     | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-40 OFDMA (106-tone RU)     |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
|                        |          | Antenna         |          | Sum      | Result    | Limit     | Margin | Antenna        |          | Sum      | Result    | Limit     | Margin |
| 1                      | 3        | 1               | 3        |          |           |           |        |                |          |          |           |           |        |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5190                   | 53       | 0.33            | 0.54     | 0.87     | -0.59     | 8.26      | 8.85   | 2.49           | 4.04     | 6.53     | 8.15      | 17.00     | 8.85   |
|                        | 54       | 0.37            | 0.63     | 1.00     | -0.01     | 8.26      | 8.27   | 2.74           | 4.72     | 7.46     | 8.73      | 17.00     | 8.27   |
|                        | 56       | 0.33            | 0.61     | 0.94     | -0.28     | 8.26      | 8.54   | 2.46           | 4.55     | 7.01     | 8.46      | 17.00     | 8.54   |
| 5230                   | 53       | 0.34            | 0.56     | 0.91     | -0.43     | 8.26      | 8.69   | 2.57           | 4.21     | 6.78     | 8.31      | 17.00     | 8.69   |
|                        | 54       | 0.38            | 0.62     | 1.00     | 0.00      | 8.26      | 8.26   | 2.83           | 4.66     | 7.49     | 8.74      | 17.00     | 8.26   |
|                        | 56       | 0.38            | 0.62     | 1.00     | 0.01      | 8.26      | 8.25   | 2.88           | 4.62     | 7.50     | 8.75      | 17.00     | 8.25   |
| 5270                   | 53       | 0.41            | 0.85     | 1.27     | 1.04      | 8.26      | 7.22   | 3.10           | 6.39     | 9.50     | 9.78      | 17.00     | 7.22   |
|                        | 54       | 0.45            | 0.96     | 1.40     | 1.47      | 8.26      | 6.79   | 3.35           | 7.16     | 10.51    | 10.21     | 17.00     | 6.79   |
|                        | 56       | 0.42            | 0.86     | 1.28     | 1.06      | 8.26      | 7.20   | 3.16           | 6.40     | 9.55     | 9.80      | 17.00     | 7.20   |
| 5310                   | 53       | 0.43            | 0.71     | 1.15     | 0.59      | 8.26      | 7.67   | 3.25           | 5.32     | 8.57     | 9.33      | 17.00     | 7.67   |
|                        | 54       | 0.50            | 0.77     | 1.27     | 1.04      | 8.26      | 7.22   | 3.77           | 5.73     | 9.50     | 9.78      | 17.00     | 7.22   |
|                        | 56       | 0.47            | 0.71     | 1.19     | 0.74      | 8.26      | 7.52   | 3.55           | 5.33     | 8.87     | 9.48      | 17.00     | 7.52   |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    | Antenna 3                  |                               |                       |                 |                  |                    |                            |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5190                   | 53       | 0.31             | 0.00                       | -15.59                | 0.90            | 9.59             | 8.74               | -4.79                      | 3.96                          | -13.57                | 1.00            | 9.59             | 8.74               | -2.67                      | 6.07                          |
|                        | 54       | 0.31             | 0.00                       | -15.16                | 0.90            | 9.59             | 8.74               | -4.36                      | 4.38                          | -12.90                | 1.00            | 9.59             | 8.74               | -2.00                      | 6.74                          |
|                        | 56       | 0.31             | 0.00                       | -15.63                | 0.90            | 9.59             | 8.74               | -4.83                      | 3.91                          | -13.06                | 1.00            | 9.59             | 8.74               | -2.16                      | 6.58                          |
| 5230                   | 53       | 0.31             | 0.00                       | -15.44                | 0.90            | 9.59             | 8.74               | -4.64                      | 4.10                          | -13.40                | 1.00            | 9.59             | 8.74               | -2.50                      | 6.24                          |
|                        | 54       | 0.31             | 0.00                       | -15.03                | 0.90            | 9.59             | 8.74               | -4.23                      | 4.51                          | -12.95                | 1.00            | 9.59             | 8.74               | -2.05                      | 6.69                          |
|                        | 56       | 0.31             | 0.00                       | -14.95                | 0.90            | 9.59             | 8.74               | -4.15                      | 4.59                          | -12.99                | 1.00            | 9.59             | 8.74               | -2.09                      | 6.65                          |
| 5270                   | 53       | 0.31             | 0.00                       | -14.62                | 0.90            | 9.59             | 8.74               | -3.82                      | 4.92                          | -11.58                | 1.00            | 9.59             | 8.74               | -0.68                      | 8.06                          |
|                        | 54       | 0.31             | 0.00                       | -14.29                | 0.90            | 9.59             | 8.74               | -3.49                      | 5.25                          | -11.09                | 1.00            | 9.59             | 8.74               | -0.19                      | 8.55                          |
|                        | 56       | 0.31             | 0.00                       | -14.55                | 0.90            | 9.59             | 8.74               | -3.75                      | 4.99                          | -11.58                | 1.00            | 9.59             | 8.74               | -0.68                      | 8.06                          |
| 5310                   | 53       | 0.31             | 0.00                       | -14.42                | 0.90            | 9.59             | 8.74               | -3.62                      | 5.12                          | -12.38                | 1.00            | 9.59             | 8.74               | -1.48                      | 7.26                          |
|                        | 54       | 0.31             | 0.00                       | -13.78                | 0.90            | 9.59             | 8.74               | -2.98                      | 5.76                          | -12.06                | 1.00            | 9.59             | 8.74               | -1.16                      | 7.58                          |
|                        | 56       | 0.31             | 0.00                       | -14.04                | 0.90            | 9.59             | 8.74               | -3.24                      | 5.50                          | -12.38                | 1.00            | 9.59             | 8.74               | -1.48                      | 7.26                          |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

**Maximum Power Spectral Density**

Test place Ise EMC Lab. No.8 Measurement Room  
 Date February 7, 2022 February 9, 2022  
 Temperature / Humidity 23 deg. C / 32 % RH 23 deg. C / 31 % RH  
 Engineer Junki Nagatomi Kiyoshiro Okazaki  
 Mode Tx 11ax-40 OFDMA (106-tone RU)

Antenna 1+3 Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |           |           |           |        | PSD (e.i.r.p.) |           |           |          |           |           |           |        |       |
|------------------------|----------|-----------------|----------|-----------|-----------|-----------|--------|----------------|-----------|-----------|----------|-----------|-----------|-----------|--------|-------|
|                        |          | Antenna 1       |          | Antenna 3 |           | Sum       | Result | Limit          | Margin    | Antenna 1 |          | Antenna 3 |           | Sum       | Result | Limit |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz]  | [dBm/MHz] | [dBm/MHz] | [dB]   | [dBm/MHz]      | [dBm/MHz] | [mW/MHz]  | [mW/MHz] | [mW/MHz]  | [dBm/MHz] | [dBm/MHz] | [dB]   | [dB]  |
| 5510                   | 53       | 0.49            | 0.56     | 1.05      | 0.20      | 8.26      | 8.06   | 3.66           | 4.17      | 7.84      | 8.94     | 17.00     | 8.06      |           |        |       |
|                        | 54       | 0.53            | 0.59     | 1.12      | 0.48      | 8.26      | 7.78   | 3.94           | 4.41      | 8.35      | 9.22     | 17.00     | 7.78      |           |        |       |
|                        | 56       | 0.53            | 0.57     | 1.10      | 0.41      | 8.26      | 7.85   | 3.94           | 4.28      | 8.22      | 9.15     | 17.00     | 7.85      |           |        |       |
| 5550                   | 53       | 0.47            | 0.55     | 1.02      | 0.08      | 8.26      | 8.18   | 3.52           | 4.10      | 7.62      | 8.82     | 17.00     | 8.18      |           |        |       |
|                        | 54       | 0.52            | 0.56     | 1.09      | 0.37      | 8.26      | 7.89   | 3.93           | 4.21      | 8.14      | 9.11     | 17.00     | 7.89      |           |        |       |
| 5670                   | 53       | 0.41            | 0.64     | 1.05      | 0.22      | 8.26      | 8.04   | 3.05           | 4.82      | 7.86      | 8.96     | 17.00     | 8.04      |           |        |       |
|                        | 54       | 0.46            | 0.77     | 1.23      | 0.89      | 8.26      | 7.37   | 3.41           | 5.78      | 9.19      | 9.63     | 17.00     | 7.37      |           |        |       |
|                        | 56       | 0.41            | 0.68     | 1.09      | 0.39      | 8.26      | 7.87   | 3.10           | 5.09      | 8.19      | 9.13     | 17.00     | 7.87      |           |        |       |
| 5710                   | 53       | 0.44            | 0.67     | 1.11      | 0.46      | 8.26      | 7.80   | 3.27           | 5.05      | 8.31      | 9.20     | 17.00     | 7.80      |           |        |       |
|                        | 54       | 0.47            | 0.68     | 1.15      | 0.61      | 8.26      | 7.65   | 3.53           | 5.09      | 8.62      | 9.35     | 17.00     | 7.65      |           |        |       |
|                        | 56       | 0.46            | 0.70     | 1.16      | 0.65      | 8.26      | 7.61   | 3.44           | 5.25      | 8.68      | 9.39     | 17.00     | 7.61      |           |        |       |
| 5755                   | 53       | 0.26            | 0.33     | 0.58      | -2.34     | 27.26     | 29.60  | 1.93           | 2.43      | 4.36      | 6.40     | 36.00     | 29.60     |           |        |       |
|                        | 54       | 0.27            | 0.33     | 0.60      | -2.20     | 27.26     | 29.46  | 2.01           | 2.50      | 4.51      | 6.54     | 36.00     | 29.46     |           |        |       |
|                        | 56       | 0.25            | 0.34     | 0.59      | -2.32     | 27.26     | 29.58  | 1.87           | 2.51      | 4.39      | 6.42     | 36.00     | 29.58     |           |        |       |
| 5795                   | 53       | 0.26            | 0.34     | 0.60      | -2.22     | 27.26     | 29.48  | 1.93           | 2.56      | 4.49      | 6.52     | 36.00     | 29.48     |           |        |       |
|                        | 54       | 0.30            | 0.38     | 0.68      | -1.69     | 27.26     | 28.95  | 2.24           | 2.83      | 5.06      | 7.05     | 36.00     | 28.95     |           |        |       |
|                        | 56       | 0.29            | 0.36     | 0.65      | -1.89     | 27.26     | 29.15  | 2.17           | 2.67      | 4.84      | 6.85     | 36.00     | 29.15     |           |        |       |

| Tested Frequency [MHz] | RU Index | Duty Factor [dB] | RBW Correction Factor [dB] | Antenna 1             |                 |                  |                    | Antenna 3           |                        |                       |                 | PSD Result       |                    |                     |                        |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|------------------------|
|                        |          |                  |                            | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | PSD e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | PSD e.i.r.p. [dBm/MHz] |
| 5510                   | 53       | 0.31             | 0.00                       | -13.99                | 1.00            | 9.58             | 8.74               | -3.10               | 5.64                   | -13.53                | 1.10            | 9.58             | 8.74               | -2.54               | 6.20                   |
|                        | 54       | 0.31             | 0.00                       | -13.68                | 1.00            | 9.58             | 8.74               | -2.79               | 5.95                   | -13.28                | 1.10            | 9.58             | 8.74               | -2.29               | 6.45                   |
|                        | 56       | 0.31             | 0.00                       | -13.68                | 1.00            | 9.58             | 8.74               | -2.79               | 5.95                   | -13.41                | 1.10            | 9.58             | 8.74               | -2.42               | 6.32                   |
| 5550                   | 53       | 0.31             | 0.00                       | -14.16                | 1.00            | 9.58             | 8.74               | -3.27               | 5.47                   | -13.61                | 1.10            | 9.58             | 8.74               | -2.62               | 6.13                   |
|                        | 54       | 0.31             | 0.00                       | -13.69                | 1.00            | 9.58             | 8.74               | -2.80               | 5.94                   | -13.48                | 1.10            | 9.58             | 8.74               | -2.49               | 6.25                   |
|                        | 56       | 0.31             | 0.00                       | -13.79                | 1.00            | 9.58             | 8.74               | -2.90               | 5.84                   | -13.65                | 1.10            | 9.58             | 8.74               | -2.66               | 6.08                   |
| 5670                   | 53       | 0.31             | 0.00                       | -14.80                | 1.00            | 9.59             | 8.74               | -3.90               | 4.84                   | -12.91                | 1.10            | 9.59             | 8.74               | -1.91               | 6.83                   |
|                        | 54       | 0.31             | 0.00                       | -14.31                | 1.00            | 9.59             | 8.74               | -3.41               | 5.33                   | -12.12                | 1.10            | 9.59             | 8.74               | -1.12               | 7.62                   |
|                        | 56       | 0.31             | 0.00                       | -14.73                | 1.00            | 9.59             | 8.74               | -3.83               | 4.91                   | -12.67                | 1.10            | 9.59             | 8.74               | -1.67               | 7.07                   |
| 5710                   | 53       | 0.31             | 0.00                       | -14.50                | 1.00            | 9.59             | 8.74               | -3.60               | 5.14                   | -12.71                | 1.10            | 9.59             | 8.74               | -1.71               | 7.03                   |
|                        | 54       | 0.31             | 0.00                       | -14.16                | 1.00            | 9.59             | 8.74               | -3.26               | 5.48                   | -12.68                | 1.10            | 9.59             | 8.74               | -1.68               | 7.07                   |
|                        | 56       | 0.31             | 0.00                       | -14.28                | 1.00            | 9.59             | 8.74               | -3.38               | 5.36                   | -12.54                | 1.10            | 9.59             | 8.74               | -1.54               | 7.20                   |
| 5755                   | 53       | 0.31             | 0.27                       | -17.06                | 1.00            | 9.59             | 8.74               | -5.89               | 2.85                   | -16.15                | 1.10            | 9.59             | 8.74               | -4.88               | 3.86                   |
|                        | 54       | 0.31             | 0.27                       | -16.88                | 1.00            | 9.59             | 8.74               | -5.71               | 3.03                   | -16.02                | 1.10            | 9.59             | 8.74               | -4.76               | 3.98                   |
|                        | 56       | 0.31             | 0.27                       | -17.18                | 1.00            | 9.59             | 8.74               | -6.01               | 2.73                   | -16.00                | 1.10            | 9.59             | 8.74               | -4.74               | 4.00                   |
| 5795                   | 53       | 0.31             | 0.27                       | -17.05                | 1.00            | 9.59             | 8.74               | -5.88               | 2.86                   | -15.93                | 1.10            | 9.59             | 8.74               | -4.66               | 4.08                   |
|                        | 54       | 0.31             | 0.27                       | -16.41                | 1.00            | 9.59             | 8.74               | -5.24               | 3.50                   | -15.50                | 1.10            | 9.59             | 8.74               | -4.23               | 4.51                   |
|                        | 56       | 0.31             | 0.27                       | -16.54                | 1.00            | 9.59             | 8.74               | -5.37               | 3.37                   | -15.74                | 1.10            | 9.59             | 8.74               | -4.47               | 4.27                   |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 32 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Junki Nagatomi                     | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-40 OFDMA (242-tone RU)     |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |           |           |           |      |        | PSD (e.i.r.p.) |        |           |           |           |           |      |        |       |        |      |       |       |      |      |      |      |      |       |       |
|------------------------|----------|-----------------|-----------|-----------|-----------|------|--------|----------------|--------|-----------|-----------|-----------|-----------|------|--------|-------|--------|------|-------|-------|------|------|------|------|------|-------|-------|
|                        |          | Antenna 1       |           | Antenna 3 |           | Sum  | Result | Limit          | Margin | Antenna 1 |           | Antenna 3 |           | Sum  | Result | Limit | Margin |      |       |       |      |      |      |      |      |       |       |
|                        |          | [mW/MHz]        | [dBm/MHz] | [mW/MHz]  | [dBm/MHz] |      |        |                |        | [mW/MHz]  | [dBm/MHz] | [mW/MHz]  | [dBm/MHz] |      |        |       |        |      |       |       |      |      |      |      |      |       |       |
| 5190                   | 61       | 0.28            | 0.50      | 0.77      | -1.11     | 8.26 | 9.37   | 2.08           | 3.72   | 5.79      | 7.63      | 17.00     | 9.37      | 5190 | 61     | 0.29  | 0.51   | 0.79 | -1.00 | 8.26  | 9.26 | 2.14 | 3.80 | 5.94 | 7.74 | 17.00 | 9.26  |
|                        | 62       | 0.29            | 0.51      | 0.79      | -1.00     | 8.26 | 9.26   | 2.14           | 3.80   | 5.94      | 7.74      | 17.00     | 9.26      |      | 5230   | 61    | 0.28   | 0.51 | 0.79  | -1.03 | 8.26 | 9.29 | 2.12 | 3.79 | 5.91 | 7.71  | 17.00 |
| 5230                   | 62       | 0.30            | 0.51      | 0.80      | -0.94     | 8.26 | 9.20   | 2.21           | 3.81   | 6.02      | 7.80      | 17.00     | 9.20      | 5270 |        | 61    | 0.40   | 0.74 | 1.15  | 0.59  | 8.26 | 7.67 | 3.01 | 5.55 | 8.57 | 9.33  | 17.00 |
|                        | 62       | 0.42            | 0.77      | 1.20      | 0.78      | 8.26 | 7.48   | 3.15           | 5.80   | 8.95      | 9.52      | 17.00     | 7.48      |      | 5310   | 61    | 0.42   | 0.34 | 0.76  | -1.19 | 8.26 | 9.45 | 3.16 | 2.52 | 5.69 | 7.55  | 17.00 |
| 5310                   | 62       | 0.44            | 0.34      | 0.78      | -1.06     | 8.26 | 9.32   | 3.32           | 2.54   | 5.86      | 7.68      | 17.00     | 9.32      |      |        |       |        |      |       |       |      |      |      |      |      |       |       |

| Tested Frequency [MHz] | RU Index | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|------------------------|----------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                        |          | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                        |          | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |
| 5190                   | 61       | 0.36        | 0.00                  | -16.42      | 0.90       | 9.59        | 8.74         | -5.57            | 3.17                | -13.99      | 1.00       | 9.59        | 8.74         | -3.04            | 5.70                |
|                        | 62       | 0.36        | 0.00                  | -16.29      | 0.90       | 9.59        | 8.74         | -5.44            | 3.30                | -13.89      | 1.00       | 9.59        | 8.74         | -2.94            | 5.80                |
| 5230                   | 61       | 0.36        | 0.00                  | -16.33      | 0.90       | 9.59        | 8.74         | -5.48            | 3.27                | -13.91      | 1.00       | 9.59        | 8.74         | -2.96            | 5.78                |
|                        | 62       | 0.36        | 0.00                  | -16.15      | 0.90       | 9.59        | 8.74         | -5.30            | 3.44                | -13.88      | 1.00       | 9.59        | 8.74         | -2.93            | 5.81                |
| 5270                   | 61       | 0.36        | 0.00                  | -14.80      | 0.90       | 9.59        | 8.74         | -3.95            | 4.79                | -12.24      | 1.00       | 9.59        | 8.74         | -1.29            | 7.45                |
|                        | 62       | 0.36        | 0.00                  | -14.61      | 0.90       | 9.59        | 8.74         | -3.76            | 4.98                | -12.06      | 1.00       | 9.59        | 8.74         | -1.11            | 7.63                |
| 5310                   | 61       | 0.36        | 0.00                  | -14.59      | 0.90       | 9.59        | 8.74         | -3.74            | 5.00                | -15.67      | 1.00       | 9.59        | 8.74         | -4.72            | 4.02                |
|                        | 62       | 0.36        | 0.00                  | -14.38      | 0.90       | 9.59        | 8.74         | -3.53            | 5.21                | -15.64      | 1.00       | 9.59        | 8.74         | -4.69            | 4.05                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor =  $10 * \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |
| Date                   | February 7, 2022                   | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 32 % RH                | 23 deg. C / 31 % RH |
| Engineer               | Junki Nagatomi                     | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-40 OFDMA (242-tone RU)     |                     |

| Antenna 1+3            |          | Applied limit: 15.407, mobile and portable client device |          |          |           |           |        |                |          |          |           |           |        |
|------------------------|----------|--|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
| Tested Frequency [MHz] | RU Index | PSD (Conducted)  |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|                        |          | Antenna  |          | Sum      | Result    | Limit     | Margin | Antenna        |          | Sum      | Result    | Limit     | Margin |
| 1                      | 3        | 1  | 3        |          |           |           |        | 1              | 3        |          |           |           |        |
|                        |          | [mW/MHz]   | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5510                   | 61       | 0.50   | 0.51     | 1.01     | 0.03      | 8.26      | 8.23   | 3.74           | 3.79     | 7.54     | 8.77      | 17.00     | 8.23   |
|                        | 62       | 0.51   | 0.50     | 1.01     | 0.04      | 8.26      | 8.22   | 3.84           | 3.71     | 7.54     | 8.78      | 17.00     | 8.22   |
| 5550                   | 61       | 0.47   | 0.52     | 1.00     | -0.01     | 8.26      | 8.27   | 3.54           | 3.92     | 7.46     | 8.73      | 17.00     | 8.27   |
|                        | 62       | 0.47   | 0.53     | 1.01     | 0.02      | 8.26      | 8.24   | 3.55           | 3.98     | 7.52     | 8.76      | 17.00     | 8.24   |
| 5670                   | 61       | 0.43   | 0.64     | 1.07     | 0.30      | 8.26      | 7.96   | 3.22           | 4.80     | 8.02     | 9.04      | 17.00     | 7.96   |
|                        | 62       | 0.45   | 0.70     | 1.15     | 0.60      | 8.26      | 7.66   | 3.40           | 5.20     | 8.60     | 9.34      | 17.00     | 7.66   |
| 5710                   | 61       | 0.45   | 0.62     | 1.07     | 0.29      | 8.26      | 7.97   | 3.40           | 4.60     | 8.00     | 9.03      | 17.00     | 7.97   |
|                        | 62       | 0.45   | 0.60     | 1.05     | 0.23      | 8.26      | 8.03   | 3.40           | 4.50     | 7.89     | 8.97      | 17.00     | 8.03   |
| 5755                   | 61       | 0.25   | 0.32     | 0.56     | -2.49     | 27.26     | 29.75  | 1.84           | 2.38     | 4.22     | 6.25      | 36.00     | 29.75  |
|                        | 62       | 0.25   | 0.31     | 0.55     | -2.56     | 27.26     | 29.82  | 1.84           | 2.31     | 4.15     | 6.18      | 36.00     | 29.82  |
| 5795                   | 61       | 0.25   | 0.32     | 0.56     | -2.51     | 27.26     | 29.77  | 1.84           | 2.36     | 4.20     | 6.23      | 36.00     | 29.77  |
|                        | 62       | 0.26   | 0.32     | 0.59     | -2.31     | 27.26     | 29.57  | 1.97           | 2.42     | 4.39     | 6.43      | 36.00     | 29.57  |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    |                            | Antenna 3                     |                       |                 |                  |                    |                            |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5510                   | 61       | 0.36             | 0.00                       | -13.95                | 1.00            | 9.58             | 8.74               | -3.01                      | 5.73                          | -13.99                | 1.10            | 9.58             | 8.74               | -2.95                      | 5.79                          |
|                        | 62       | 0.36             | 0.00                       | -13.84                | 1.00            | 9.58             | 8.74               | -2.90                      | 5.84                          | -14.09                | 1.10            | 9.58             | 8.74               | -3.05                      | 5.69                          |
| 5550                   | 61       | 0.36             | 0.00                       | -14.19                | 1.00            | 9.58             | 8.74               | -3.25                      | 5.49                          | -13.84                | 1.10            | 9.58             | 8.74               | -2.80                      | 5.94                          |
|                        | 62       | 0.36             | 0.00                       | -14.18                | 1.00            | 9.58             | 8.74               | -3.24                      | 5.50                          | -13.79                | 1.10            | 9.58             | 8.74               | -2.75                      | 6.00                          |
| 5670                   | 61       | 0.36             | 0.00                       | -14.61                | 1.00            | 9.59             | 8.74               | -3.66                      | 5.08                          | -12.98                | 1.10            | 9.59             | 8.74               | -1.93                      | 6.81                          |
|                        | 62       | 0.36             | 0.00                       | -14.38                | 1.00            | 9.59             | 8.74               | -3.43                      | 5.31                          | -12.63                | 1.10            | 9.59             | 8.74               | -1.58                      | 7.16                          |
| 5710                   | 61       | 0.36             | 0.00                       | -14.38                | 1.00            | 9.59             | 8.74               | -3.43                      | 5.31                          | -13.16                | 1.10            | 9.59             | 8.74               | -2.11                      | 6.63                          |
|                        | 62       | 0.36             | 0.00                       | -14.38                | 1.00            | 9.59             | 8.74               | -3.43                      | 5.31                          | -13.26                | 1.10            | 9.59             | 8.74               | -2.21                      | 6.53                          |
| 5755                   | 61       | 0.36             | 0.27                       | -17.30                | 1.00            | 9.59             | 8.74               | -6.08                      | 2.66                          | -16.30                | 1.10            | 9.59             | 8.74               | -4.98                      | 3.76                          |
|                        | 62       | 0.36             | 0.27                       | -17.31                | 1.00            | 9.59             | 8.74               | -6.09                      | 2.65                          | -16.42                | 1.10            | 9.59             | 8.74               | -5.11                      | 3.63                          |
| 5795                   | 61       | 0.36             | 0.27                       | -17.31                | 1.00            | 9.59             | 8.74               | -6.09                      | 2.65                          | -16.33                | 1.10            | 9.59             | 8.74               | -5.01                      | 3.73                          |
|                        | 62       | 0.36             | 0.27                       | -17.02                | 1.00            | 9.59             | 8.74               | -5.80                      | 2.94                          | -16.21                | 1.10            | 9.59             | 8.74               | -4.89                      | 3.85                          |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 32 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Junki Nagatomi                     | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-40 OFDMA (484-tone RU)     |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5190                      | 0.21            | 0.36     | 0.57      | -2.43     | 8.26  | 10.69    | 1.59           | 2.69     | 4.28      | 6.31      | 17.00 | 10.69  |
| 5230                      | 0.22            | 0.37     | 0.59      | -2.29     | 8.26  | 10.55    | 1.66           | 2.76     | 4.42      | 6.45      | 17.00 | 10.55  |
| 5270                      | 0.31            | 0.54     | 0.85      | -0.71     | 8.26  | 8.97     | 2.29           | 4.07     | 6.36      | 8.03      | 17.00 | 8.97   |
| 5310                      | 0.32            | 0.53     | 0.85      | -0.73     | 8.26  | 8.99     | 2.39           | 3.94     | 6.33      | 8.01      | 17.00 | 8.99   |
| 5510                      | 0.35            | 0.38     | 0.73      | -1.38     | 8.26  | 9.64     | 2.59           | 2.85     | 5.44      | 7.36      | 17.00 | 9.64   |
| 5550                      | 0.35            | 0.37     | 0.72      | -1.40     | 8.26  | 9.66     | 2.64           | 2.78     | 5.42      | 7.34      | 17.00 | 9.66   |
| 5670                      | 0.32            | 0.48     | 0.80      | -0.98     | 8.26  | 9.24     | 2.40           | 3.56     | 5.97      | 7.76      | 17.00 | 9.24   |
| 5710                      | 0.34            | 0.45     | 0.80      | -0.99     | 8.26  | 9.25     | 2.57           | 3.38     | 5.95      | 7.75      | 17.00 | 9.25   |
| 5755                      | 0.18            | 0.24     | 0.41      | -3.82     | 27.26 | 31.08    | 1.34           | 1.76     | 3.10      | 4.92      | 36.00 | 31.08  |
| 5795                      | 0.19            | 0.24     | 0.43      | -3.63     | 27.26 | 30.89    | 1.46           | 1.78     | 3.24      | 5.11      | 36.00 | 30.89  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|---------------------------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                           | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                           | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |
| 5190                      | 0.37        | 0.00                  | -17.58      | 0.90       | 9.59        | 8.74         | -6.72            | 2.02                | -15.41      | 1.00       | 9.59        | 8.74         | -4.45            | 4.29                |
| 5230                      | 0.37        | 0.00                  | -17.39      | 0.90       | 9.59        | 8.74         | -6.53            | 2.21                | -15.30      | 1.00       | 9.59        | 8.74         | -4.34            | 4.40                |
| 5270                      | 0.37        | 0.00                  | -16.01      | 0.90       | 9.59        | 8.74         | -5.15            | 3.59                | -13.60      | 1.00       | 9.59        | 8.74         | -2.64            | 6.10                |
| 5310                      | 0.37        | 0.00                  | -15.82      | 0.90       | 9.59        | 8.74         | -4.96            | 3.78                | -13.75      | 1.00       | 9.59        | 8.74         | -2.79            | 5.96                |
| 5510                      | 0.37        | 0.00                  | -15.55      | 1.00       | 9.58        | 8.74         | -4.60            | 4.14                | -15.25      | 1.10       | 9.58        | 8.74         | -4.20            | 4.55                |
| 5550                      | 0.37        | 0.00                  | -15.48      | 1.00       | 9.58        | 8.74         | -4.53            | 4.21                | -15.35      | 1.10       | 9.58        | 8.74         | -4.30            | 4.45                |
| 5670                      | 0.37        | 0.00                  | -15.89      | 1.00       | 9.59        | 8.74         | -4.93            | 3.81                | -14.28      | 1.10       | 9.59        | 8.74         | -3.22            | 5.52                |
| 5710                      | 0.37        | 0.00                  | -15.60      | 1.00       | 9.59        | 8.74         | -4.64            | 4.10                | -14.51      | 1.10       | 9.59        | 8.74         | -3.45            | 5.30                |
| 5755                      | 0.37        | 0.27                  | -18.70      | 1.00       | 9.59        | 8.74         | -7.47            | 1.27                | -17.60      | 1.10       | 9.59        | 8.74         | -6.27            | 2.47                |
| 5795                      | 0.37        | 0.27                  | -18.34      | 1.00       | 9.60        | 8.74         | -7.10            | 1.64                | -17.57      | 1.10       | 9.60        | 8.74         | -6.23            | 2.51                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)



## Maximum Power Spectral Density

|                        |                                    |
|------------------------|------------------------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |
| Date                   | February 10, 2022                  |
| Temperature / Humidity | 21 deg. C / 36 % RH                |
| Engineer               | Takafumi Noguchi                   |
| Mode                   | Tx 11ac-80                         |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5210                      | 0.09            | 0.16     | 0.25      | -5.95     | 8.26  | 14.21    | 0.68           | 1.22     | 1.90      | 2.79      | 17.00 | 14.21  |
| 5290                      | 0.15            | 0.23     | 0.38      | -4.25     | 8.26  | 12.51    | 1.09           | 1.73     | 2.81      | 4.49      | 17.00 | 12.51  |
| 5530                      | 0.16            | 0.15     | 0.31      | -5.03     | 8.26  | 13.29    | 1.20           | 1.15     | 2.35      | 3.71      | 17.00 | 13.29  |
| 5610                      | 0.17            | 0.17     | 0.34      | -4.73     | 8.26  | 12.99    | 1.25           | 1.26     | 2.52      | 4.01      | 17.00 | 12.99  |
| 5690                      | 0.15            | 0.20     | 0.35      | -4.58     | 8.26  | 12.84    | 1.11           | 1.50     | 2.61      | 4.16      | 17.00 | 12.84  |
| 5775                      | 0.09            | 0.09     | 0.18      | -7.40     | 27.26 | 34.66    | 0.66           | 0.70     | 1.36      | 1.34      | 36.00 | 34.66  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |             |            |             |              |            | Antenna 3   |            |             |              |            |            |           |
|---------------------------|-------------|-----------------------|-------------|------------|-------------|--------------|------------|-------------|------------|-------------|--------------|------------|------------|-----------|
|                           | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result | PSD Result |           |
|                           | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]  | [dBm/MHz]   | [dBm/MHz]  | [dB]        | [dB]         | [dBi]      | [dBm/MHz]  | [dBm/MHz] |
| 5210                      | 0.12        | 0.00                  | -21.02      | 0.90       | 9.59        | 8.74         | -10.41     | -1.67       | -18.58     | 1.00        | 9.59         | 8.74       | -7.87      | 0.87      |
| 5290                      | 0.12        | 0.00                  | -18.98      | 0.90       | 9.59        | 8.74         | -8.37      | 0.37        | -17.08     | 1.00        | 9.59         | 8.74       | -6.37      | 2.37      |
| 5530                      | 0.12        | 0.00                  | -18.65      | 1.00       | 9.58        | 8.74         | -7.95      | 0.79        | -18.94     | 1.10        | 9.58         | 8.74       | -8.14      | 0.60      |
| 5610                      | 0.12        | 0.00                  | -18.47      | 1.00       | 9.59        | 8.74         | -7.76      | 0.98        | -18.53     | 1.10        | 9.59         | 8.74       | -7.72      | 1.02      |
| 5690                      | 0.12        | 0.00                  | -19.00      | 1.00       | 9.59        | 8.74         | -8.29      | 0.45        | -17.80     | 1.10        | 9.59         | 8.74       | -6.99      | 1.75      |
| 5775                      | 0.12        | 0.27                  | -21.50      | 1.00       | 9.59        | 8.74         | -10.53     | -1.79       | -21.38     | 1.10        | 9.59         | 8.74       | -10.30     | -1.56     |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor =  $10 * \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |
|------------------------|------------------------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |
| Date                   | February 10, 2022                  |
| Temperature / Humidity | 21 deg. C / 36 % RH                |
| Engineer               | Takafumi Noguchi                   |
| Mode                   | Tx 11ax-80 (OFDM)                  |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |      |      |                     |                    |                | PSD (e.i.r.p.) |      |      |                     |                    |                |
|---------------------------|-----------------|------|------|---------------------|--------------------|----------------|----------------|------|------|---------------------|--------------------|----------------|
|                           | Antenna         |      |      | Result<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Margin<br>[dB] | Antenna        |      |      | Result<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Margin<br>[dB] |
| 1                         | 3               | Sum  | 1    |                     |                    |                | 3              | Sum  |      |                     |                    |                |
| 5210                      | 0.10            | 0.17 | 0.27 | -5.65               | 8.26               | 13.91          | 0.75           | 1.29 | 2.04 | 3.09                | 17.00              | 13.91          |
| 5290                      | 0.15            | 0.24 | 0.39 | -4.07               | 8.26               | 12.33          | 1.14           | 1.79 | 2.93 | 4.67                | 17.00              | 12.33          |
| 5530                      | 0.18            | 0.16 | 0.35 | -4.61               | 8.26               | 12.87          | 1.36           | 1.22 | 2.59 | 4.13                | 17.00              | 12.87          |
| 5610                      | 0.18            | 0.17 | 0.35 | -4.62               | 8.26               | 12.88          | 1.33           | 1.26 | 2.58 | 4.12                | 17.00              | 12.88          |
| 5690                      | 0.16            | 0.20 | 0.36 | -4.45               | 8.26               | 12.71          | 1.21           | 1.48 | 2.69 | 4.29                | 17.00              | 12.71          |
| 5775                      | 0.09            | 0.10 | 0.19 | -7.22               | 27.26              | 34.48          | 0.68           | 0.74 | 1.42 | 1.52                | 36.00              | 34.48          |

| Tested Frequency<br>[MHz] | Antenna 1           |                               |                          |                    |                     |                       |                               | Antenna 3                        |                          |                    |                     |                       |                               |                                  |
|---------------------------|---------------------|-------------------------------|--------------------------|--------------------|---------------------|-----------------------|-------------------------------|----------------------------------|--------------------------|--------------------|---------------------|-----------------------|-------------------------------|----------------------------------|
|                           | Duty Factor<br>[dB] | RBW Correction Factor<br>[dB] | PSD Reading<br>[dBm/MHz] | Cable Loss<br>[dB] | Atten. Loss<br>[dB] | Antenna Gain<br>[dBi] | PSD Result Cond.<br>[dBm/MHz] | PSD Result e.i.r.p.<br>[dBm/MHz] | PSD Reading<br>[dBm/MHz] | Cable Loss<br>[dB] | Atten. Loss<br>[dB] | Antenna Gain<br>[dBi] | PSD Result Cond.<br>[dBm/MHz] | PSD Result e.i.r.p.<br>[dBm/MHz] |
| 5210                      | 0.12                | 0.00                          | -20.61                   | 0.90               | 9.59                | 8.74                  | -10.00                        | -1.26                            | -18.35                   | 1.00               | 9.59                | 8.74                  | -7.64                         | 1.10                             |
| 5290                      | 0.12                | 0.00                          | -18.78                   | 0.90               | 9.59                | 8.74                  | -8.17                         | 0.57                             | -16.92                   | 1.00               | 9.59                | 8.74                  | -6.21                         | 2.53                             |
| 5530                      | 0.12                | 0.00                          | -18.10                   | 1.00               | 9.58                | 8.74                  | -7.40                         | 1.35                             | -18.67                   | 1.10               | 9.58                | 8.74                  | -7.87                         | 0.87                             |
| 5610                      | 0.12                | 0.00                          | -18.22                   | 1.00               | 9.59                | 8.74                  | -7.51                         | 1.23                             | -18.56                   | 1.10               | 9.59                | 8.74                  | -7.75                         | 0.99                             |
| 5690                      | 0.12                | 0.00                          | -18.62                   | 1.00               | 9.59                | 8.74                  | -7.91                         | 0.83                             | -17.86                   | 1.10               | 9.59                | 8.74                  | -7.05                         | 1.69                             |
| 5775                      | 0.12                | 0.27                          | -21.36                   | 1.00               | 9.59                | 8.74                  | -10.39                        | -1.65                            | -21.15                   | 1.10               | 9.59                | 8.74                  | -10.07                        | -1.33                            |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

Test place: Ise EMC Lab. No.8 Measurement Room  
 Date: February 7, 2022 February 9, 2022 February 9, 2022  
 Temperature / Humidity: 23 deg. C / 32 % RH 22 deg. C / 41 % RH 23 deg. C / 31 % RH  
 Engineer: Junki Nagatomi Takafumi Noguchi Kiyoshiro Okazaki  
 Mode: Tx 11ax-80 OFDMA (26-tone RU)

Antenna 1+3 Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted)    |                    |              |                  |                 |             | PSD (e.i.r.p.)     |                    |              |                  |                 |             |
|------------------------|----------|--------------------|--------------------|--------------|------------------|-----------------|-------------|--------------------|--------------------|--------------|------------------|-----------------|-------------|
|                        |          | Antenna 1 [mW/MHz] | Antenna 3 [mW/MHz] | Sum [mW/MHz] | Result [dBm/MHz] | Limit [dBm/MHz] | Margin [dB] | Antenna 1 [mW/MHz] | Antenna 3 [mW/MHz] | Sum [mW/MHz] | Result [dBm/MHz] | Limit [dBm/MHz] | Margin [dB] |
| 5210                   | 0        | 0.26               | 0.49               | 0.75         | -1.26            | 8.26            | 9.52        | 1.95               | 3.64               | 5.59         | 7.48             | 17.00           | 9.52        |
|                        | 18       | 0.23               | 0.40               | 0.63         | -1.98            | 8.26            | 10.24       | 1.72               | 3.03               | 4.74         | 6.76             | 17.00           | 10.24       |
|                        | 36       | 0.30               | 0.53               | 0.83         | -0.82            | 8.26            | 9.08        | 2.23               | 3.97               | 6.20         | 7.92             | 17.00           | 9.08        |
| 5290                   | 0        | 0.33               | 0.73               | 1.07         | 0.27             | 8.26            | 7.99        | 2.49               | 5.48               | 7.97         | 9.01             | 17.00           | 7.99        |
|                        | 18       | 0.33               | 0.49               | 0.82         | -0.88            | 8.26            | 9.14        | 2.44               | 3.67               | 6.11         | 7.86             | 17.00           | 9.14        |
|                        | 36       | 0.44               | 0.63               | 1.07         | 0.31             | 8.26            | 7.95        | 3.30               | 4.73               | 8.03         | 9.05             | 17.00           | 7.95        |
| 5530                   | 0        | 0.43               | 0.44               | 0.86         | -0.64            | 8.26            | 8.90        | 3.18               | 3.27               | 6.45         | 8.10             | 17.00           | 8.90        |
|                        | 18       | 0.39               | 0.38               | 0.77         | -1.14            | 8.26            | 9.40        | 2.90               | 2.85               | 5.75         | 7.60             | 17.00           | 9.40        |
|                        | 36       | 0.44               | 0.52               | 0.95         | -0.22            | 8.26            | 8.48        | 3.27               | 3.85               | 7.12         | 8.52             | 17.00           | 8.48        |
| 5610                   | 0        | 0.47               | 0.53               | 1.00         | -0.02            | 8.26            | 8.28        | 3.51               | 3.94               | 7.45         | 8.72             | 17.00           | 8.28        |
|                        | 18       | 0.38               | 0.44               | 0.82         | -0.87            | 8.26            | 9.13        | 2.82               | 3.31               | 6.13         | 7.87             | 17.00           | 9.13        |
|                        | 36       | 0.48               | 0.58               | 1.05         | 0.22             | 8.26            | 8.04        | 3.56               | 4.31               | 7.88         | 8.96             | 17.00           | 8.04        |
| 5690                   | 0        | 0.39               | 0.58               | 0.97         | -0.13            | 8.26            | 8.39        | 2.91               | 4.35               | 7.26         | 8.61             | 17.00           | 8.39        |
|                        | 18       | 0.33               | 0.46               | 0.78         | -1.05            | 8.26            | 9.31        | 2.45               | 3.42               | 5.87         | 7.69             | 17.00           | 9.31        |
|                        | 36       | 0.40               | 0.62               | 1.02         | 0.10             | 8.26            | 8.16        | 3.03               | 4.63               | 7.66         | 8.84             | 17.00           | 8.16        |
| 5775                   | 0        | 0.23               | 0.27               | 0.51         | -2.94            | 27.26           | 30.20       | 1.75               | 2.05               | 3.80         | 5.80             | 36.00           | 30.20       |
|                        | 18       | 0.21               | 0.27               | 0.49         | -3.12            | 27.26           | 30.38       | 1.61               | 2.04               | 3.65         | 5.62             | 36.00           | 30.38       |
|                        | 36       | 0.24               | 0.28               | 0.52         | -2.86            | 27.26           | 30.12       | 1.81               | 2.06               | 3.87         | 5.88             | 36.00           | 30.12       |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    | Antenna 3           |                           |                       |                 |                  |                    |                     |                           |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|---------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|---------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | Result e.i.r.p. [dBm/MHz] |
| 5210                   | 0        | 0.24             | 0.00                       | -16.57                | 0.90            | 9.59             | 8.74               | -5.84               | 2.90                      | -13.96                | 1.00            | 9.59             | 8.74               | -3.13               | 5.62                      |
|                        | 18       | 0.24             | 0.00                       | -17.12                | 0.90            | 9.59             | 8.74               | -6.39               | 2.35                      | -14.76                | 1.00            | 9.59             | 8.74               | -3.93               | 4.81                      |
|                        | 36       | 0.24             | 0.00                       | -15.99                | 0.90            | 9.59             | 8.74               | -5.26               | 3.48                      | -13.58                | 1.00            | 9.59             | 8.74               | -2.75               | 5.99                      |
| 5290                   | 0        | 0.24             | 0.00                       | -15.50                | 0.90            | 9.59             | 8.74               | -4.77               | 3.97                      | -12.19                | 1.00            | 9.59             | 8.74               | -1.36               | 7.38                      |
|                        | 18       | 0.24             | 0.00                       | -15.59                | 0.90            | 9.59             | 8.74               | -4.86               | 3.88                      | -13.93                | 1.00            | 9.59             | 8.74               | -3.10               | 5.64                      |
|                        | 36       | 0.24             | 0.00                       | -14.28                | 0.90            | 9.59             | 8.74               | -3.55               | 5.19                      | -12.82                | 1.00            | 9.59             | 8.74               | -1.99               | 6.75                      |
| 5530                   | 0        | 0.24             | 0.00                       | -14.53                | 1.00            | 9.58             | 8.74               | -3.71               | 5.03                      | -14.52                | 1.10            | 9.58             | 8.74               | -3.60               | 5.14                      |
|                        | 18       | 0.24             | 0.00                       | -14.93                | 1.00            | 9.58             | 8.74               | -4.11               | 4.63                      | -15.11                | 1.10            | 9.58             | 8.74               | -4.19               | 4.55                      |
|                        | 36       | 0.24             | 0.00                       | -14.42                | 1.00            | 9.58             | 8.74               | -3.60               | 5.14                      | -13.80                | 1.10            | 9.58             | 8.74               | -2.88               | 5.86                      |
| 5610                   | 0        | 0.24             | 0.00                       | -14.12                | 1.00            | 9.59             | 8.74               | -3.29               | 5.45                      | -13.71                | 1.10            | 9.59             | 8.74               | -2.78               | 5.96                      |
|                        | 18       | 0.24             | 0.00                       | -15.07                | 1.00            | 9.59             | 8.74               | -4.24               | 4.50                      | -14.47                | 1.10            | 9.59             | 8.74               | -3.54               | 5.20                      |
|                        | 36       | 0.24             | 0.00                       | -14.05                | 1.00            | 9.59             | 8.74               | -3.22               | 5.52                      | -13.32                | 1.10            | 9.59             | 8.74               | -2.39               | 6.35                      |
| 5690                   | 0        | 0.24             | 0.00                       | -14.93                | 1.00            | 9.59             | 8.74               | -4.10               | 4.64                      | -13.29                | 1.10            | 9.59             | 8.74               | -2.36               | 6.39                      |
|                        | 18       | 0.24             | 0.00                       | -15.68                | 1.00            | 9.59             | 8.74               | -4.85               | 3.89                      | -14.33                | 1.10            | 9.59             | 8.74               | -3.40               | 5.35                      |
|                        | 36       | 0.24             | 0.00                       | -14.76                | 1.00            | 9.59             | 8.74               | -3.93               | 4.81                      | -13.01                | 1.10            | 9.59             | 8.74               | -2.08               | 6.66                      |
| 5775                   | 0        | 0.24             | 0.27                       | -17.42                | 1.00            | 9.59             | 8.74               | -6.32               | 2.42                      | -16.82                | 1.10            | 9.59             | 8.74               | -5.62               | 3.12                      |
|                        | 18       | 0.24             | 0.27                       | -17.78                | 1.00            | 9.59             | 8.74               | -6.68               | 2.06                      | -16.84                | 1.10            | 9.59             | 8.74               | -5.64               | 3.10                      |
|                        | 36       | 0.24             | 0.27                       | -17.26                | 1.00            | 9.59             | 8.74               | -6.16               | 2.58                      | -16.80                | 1.10            | 9.59             | 8.74               | -5.60               | 3.14                      |

Sample Calculation:  
 PSD: Power Spectral Density  
 The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.  
 RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)  
 PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor  
 PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain  
 The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 23 deg. C / 32 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Junki Nagatomi                     | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-80 OFDMA (52-tone RU)      |                     |                     |

| Antenna 1+3            |          |                 |          |          |           |           |        |                |          |          |           |           | Applied limit: 15.407, mobile and portable client device |  |  |  |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--|--|--|--|
| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |  |  |  |  |
|                        |          | Antenna         |          | Sum      | Result    | Limit     | Margin | Antenna        |          | Sum      | Result    | Limit     | Margin   |  |  |  |
| 1                      | 3        | 1               | 3        |          |           |           |        | 1              | 3        |          |           |           |  |  |  |  |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |  |  |  |
| 5210                   | 37       | 0.26            | 0.28     | 0.54     | -2.64     | 8.26      | 10.90  | 1.98           | 2.09     | 4.07     | 6.10      | 17.00     | 10.90  |  |  |  |
|                        | 44       | 0.33            | 0.34     | 0.66     | -1.79     | 8.26      | 10.05  | 2.44           | 2.51     | 4.95     | 6.95      | 17.00     | 10.05  |  |  |  |
|                        | 52       | 0.33            | 0.33     | 0.66     | -1.79     | 8.26      | 10.05  | 2.48           | 2.48     | 4.96     | 6.95      | 17.00     | 10.05  |  |  |  |
| 5290                   | 37       | 0.39            | 0.71     | 1.10     | 0.42      | 8.26      | 7.84   | 2.94           | 5.30     | 8.24     | 9.16      | 17.00     | 7.84   |  |  |  |
|                        | 44       | 0.45            | 0.78     | 1.22     | 0.88      | 8.26      | 7.38   | 3.34           | 5.81     | 9.15     | 9.62      | 17.00     | 7.38   |  |  |  |
|                        | 52       | 0.46            | 0.69     | 1.15     | 0.60      | 8.26      | 7.66   | 3.44           | 5.15     | 8.59     | 9.34      | 17.00     | 7.66   |  |  |  |
| 5530                   | 37       | 0.49            | 0.49     | 0.97     | -0.12     | 8.26      | 8.38   | 3.64           | 3.64     | 7.28     | 8.62      | 17.00     | 8.38   |  |  |  |
|                        | 44       | 0.48            | 0.53     | 1.01     | 0.05      | 8.26      | 8.21   | 3.60           | 3.98     | 7.57     | 8.79      | 17.00     | 8.21   |  |  |  |
|                        | 52       | 0.50            | 0.53     | 1.03     | 0.11      | 8.26      | 8.15   | 3.71           | 3.97     | 7.68     | 8.85      | 17.00     | 8.15   |  |  |  |
| 5610                   | 37       | 0.48            | 0.53     | 1.01     | 0.03      | 8.26      | 8.23   | 3.58           | 3.96     | 7.54     | 8.77      | 17.00     | 8.23   |  |  |  |
|                        | 44       | 0.46            | 0.54     | 1.01     | 0.04      | 8.26      | 8.22   | 3.48           | 4.07     | 7.54     | 8.78      | 17.00     | 8.22   |  |  |  |
|                        | 52       | 0.45            | 0.57     | 1.02     | 0.10      | 8.26      | 8.16   | 3.40           | 4.24     | 7.65     | 8.84      | 17.00     | 8.16   |  |  |  |
| 5690                   | 37       | 0.39            | 0.58     | 0.97     | -0.13     | 8.26      | 8.39   | 2.94           | 4.32     | 7.26     | 8.61      | 17.00     | 8.39   |  |  |  |
|                        | 44       | 0.39            | 0.58     | 0.98     | -0.11     | 8.26      | 8.37   | 2.92           | 4.37     | 7.30     | 8.63      | 17.00     | 8.37   |  |  |  |
|                        | 52       | 0.44            | 0.59     | 1.04     | 0.16      | 8.26      | 8.10   | 3.33           | 4.43     | 7.76     | 8.90      | 17.00     | 8.10   |  |  |  |
| 5775                   | 37       | 0.28            | 0.31     | 0.58     | -2.34     | 27.26     | 29.60  | 2.06           | 2.30     | 4.36     | 6.40      | 36.00     | 29.60  |  |  |  |
|                        | 44       | 0.27            | 0.30     | 0.57     | -2.43     | 27.26     | 29.69  | 2.01           | 2.27     | 4.28     | 6.31      | 36.00     | 29.69  |  |  |  |
|                        | 52       | 0.28            | 0.31     | 0.59     | -2.31     | 27.26     | 29.57  | 2.08           | 2.32     | 4.40     | 6.43      | 36.00     | 29.57  |  |  |  |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    |                               | Antenna 3             |                 |                  |                    |                               |       |      |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|-------------------------------|-------|------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result e.i.r.p. [dBm/MHz] |       |      |
| 5210                   | 37       | 0.29             | 0.00                       | -16.56                | 0.90            | 9.59             | 8.74               | -5.78                         | 2.97                  | -16.42          | 1.00             | 9.59               | 8.74                          | -5.54 | 3.20 |
|                        | 44       | 0.29             | 0.00                       | -15.65                | 0.90            | 9.59             | 8.74               | -4.87                         | 3.88                  | -15.62          | 1.00             | 9.59               | 8.74                          | -4.74 | 4.00 |
|                        | 52       | 0.29             | 0.00                       | -15.57                | 0.90            | 9.59             | 8.74               | -4.79                         | 3.95                  | -15.68          | 1.00             | 9.59               | 8.74                          | -4.80 | 3.94 |
| 5290                   | 37       | 0.29             | 0.00                       | -14.84                | 0.90            | 9.59             | 8.74               | -4.06                         | 4.68                  | -12.38          | 1.00             | 9.59               | 8.74                          | -1.50 | 7.24 |
|                        | 44       | 0.29             | 0.00                       | -14.28                | 0.90            | 9.59             | 8.74               | -3.50                         | 5.24                  | -11.98          | 1.00             | 9.59               | 8.74                          | -1.10 | 7.64 |
|                        | 52       | 0.29             | 0.00                       | -14.16                | 0.90            | 9.59             | 8.74               | -3.38                         | 5.36                  | -12.50          | 1.00             | 9.59               | 8.74                          | -1.62 | 7.12 |
| 5530                   | 37       | 0.29             | 0.00                       | -14.00                | 1.00            | 9.58             | 8.74               | -3.13                         | 5.61                  | -14.10          | 1.10             | 9.58               | 8.74                          | -3.13 | 5.62 |
|                        | 44       | 0.29             | 0.00                       | -14.05                | 1.00            | 9.58             | 8.74               | -3.18                         | 5.56                  | -13.72          | 1.10             | 9.58               | 8.74                          | -2.75 | 6.00 |
|                        | 52       | 0.29             | 0.00                       | -13.92                | 1.00            | 9.58             | 8.74               | -3.05                         | 5.69                  | -13.72          | 1.10             | 9.58               | 8.74                          | -2.75 | 5.99 |
| 5610                   | 37       | 0.29             | 0.00                       | -14.08                | 1.00            | 9.59             | 8.74               | -3.20                         | 5.54                  | -13.75          | 1.10             | 9.59               | 8.74                          | -2.77 | 5.97 |
|                        | 44       | 0.29             | 0.00                       | -14.21                | 1.00            | 9.59             | 8.74               | -3.33                         | 5.41                  | -13.63          | 1.10             | 9.59               | 8.74                          | -2.65 | 6.09 |
|                        | 52       | 0.29             | 0.00                       | -14.30                | 1.00            | 9.59             | 8.74               | -3.42                         | 5.32                  | -13.44          | 1.10             | 9.59               | 8.74                          | -2.46 | 6.28 |
| 5690                   | 37       | 0.29             | 0.00                       | -14.94                | 1.00            | 9.59             | 8.74               | -4.06                         | 4.68                  | -13.36          | 1.10             | 9.59               | 8.74                          | -2.38 | 6.36 |
|                        | 44       | 0.29             | 0.00                       | -14.96                | 1.00            | 9.59             | 8.74               | -4.08                         | 4.66                  | -13.31          | 1.10             | 9.59               | 8.74                          | -2.33 | 6.41 |
|                        | 52       | 0.29             | 0.00                       | -14.40                | 1.00            | 9.59             | 8.74               | -3.52                         | 5.22                  | -13.26          | 1.10             | 9.59               | 8.74                          | -2.28 | 6.46 |
| 5775                   | 37       | 0.29             | 0.27                       | -16.74                | 1.00            | 9.59             | 8.74               | -5.59                         | 3.15                  | -16.37          | 1.10             | 9.59               | 8.74                          | -5.12 | 3.62 |
|                        | 44       | 0.29             | 0.27                       | -16.86                | 1.00            | 9.59             | 8.74               | -5.71                         | 3.03                  | -16.43          | 1.10             | 9.59               | 8.74                          | -5.18 | 3.56 |
|                        | 52       | 0.29             | 0.27                       | -16.71                | 1.00            | 9.59             | 8.74               | -5.56                         | 3.18                  | -16.34          | 1.10             | 9.59               | 8.74                          | -5.09 | 3.65 |

Sample Calculation:  
 PSD: Power Spectral Density  
 The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.  
 RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)  
 PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor  
 PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain  
 The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |                     |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 22 deg. C / 42 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-80 OFDMA (106-tone RU)     |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        |          | PSD (e.i.r.p.) |          |           |           |        |  |  |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------|----------------|----------|-----------|-----------|--------|--|--|
|                        |          | Antenna         |          |          | Result    | Limit     | Margin | Antenna  |                |          | Result    | Limit     | Margin |  |  |
|                        |          | 1               | 3        | Sum      |           |           |        | 1        | 3              | Sum      |           |           |        |  |  |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |  |  |
| 5210                   | 53       | 0.30            | 0.54     | 0.84     | -0.76     | 8.26      | 9.02   | 2.27     | 4.02           | 6.29     | 7.98      | 17.00     | 9.02   |  |  |
|                        | 56       | 0.34            | 0.57     | 0.91     | -0.43     | 8.26      | 8.69   | 2.52     | 4.27           | 6.78     | 8.31      | 17.00     | 8.69   |  |  |
|                        | 60       | 0.33            | 0.61     | 0.94     | -0.28     | 8.26      | 8.54   | 2.48     | 4.53           | 7.01     | 8.46      | 17.00     | 8.54   |  |  |
| 5290                   | 53       | 0.42            | 0.78     | 1.20     | 0.78      | 8.26      | 7.48   | 3.14     | 5.81           | 8.95     | 9.52      | 17.00     | 7.48   |  |  |
|                        | 56       | 0.47            | 0.79     | 1.25     | 0.97      | 8.26      | 7.29   | 3.48     | 5.87           | 9.36     | 9.71      | 17.00     | 7.29   |  |  |
|                        | 60       | 0.48            | 0.76     | 1.24     | 0.94      | 8.26      | 7.32   | 3.58     | 5.71           | 9.30     | 9.68      | 17.00     | 7.32   |  |  |
| 5530                   | 53       | 0.53            | 0.49     | 1.02     | 0.07      | 8.26      | 8.19   | 3.96     | 3.64           | 7.60     | 8.81      | 17.00     | 8.19   |  |  |
|                        | 56       | 0.51            | 0.51     | 1.02     | 0.08      | 8.26      | 8.18   | 3.80     | 3.82           | 7.62     | 8.82      | 17.00     | 8.18   |  |  |
|                        | 60       | 0.54            | 0.54     | 1.09     | 0.36      | 8.26      | 7.90   | 4.06     | 4.06           | 8.12     | 9.10      | 17.00     | 7.90   |  |  |
| 5610                   | 53       | 0.51            | 0.50     | 1.01     | 0.04      | 8.26      | 8.22   | 3.80     | 3.74           | 7.54     | 8.78      | 17.00     | 8.22   |  |  |
|                        | 56       | 0.50            | 0.51     | 1.02     | 0.08      | 8.26      | 8.18   | 3.77     | 3.85           | 7.61     | 8.82      | 17.00     | 8.18   |  |  |
|                        | 60       | 0.47            | 0.61     | 1.08     | 0.34      | 8.26      | 7.92   | 3.55     | 4.55           | 8.10     | 9.08      | 17.00     | 7.92   |  |  |
| 5690                   | 53       | 0.43            | 0.60     | 1.02     | 0.10      | 8.26      | 8.16   | 3.20     | 4.46           | 7.66     | 8.84      | 17.00     | 8.16   |  |  |
|                        | 56       | 0.46            | 0.60     | 1.06     | 0.24      | 8.26      | 8.02   | 3.44     | 4.48           | 7.91     | 8.98      | 17.00     | 8.02   |  |  |
|                        | 60       | 0.45            | 0.61     | 1.06     | 0.24      | 8.26      | 8.02   | 3.33     | 4.57           | 7.91     | 8.98      | 17.00     | 8.02   |  |  |
| 5775                   | 53       | 0.26            | 0.29     | 0.55     | -2.56     | 27.26     | 29.82  | 1.95     | 2.19           | 4.15     | 6.18      | 36.00     | 29.82  |  |  |
|                        | 56       | 0.27            | 0.30     | 0.57     | -2.46     | 27.26     | 29.72  | 2.02     | 2.22           | 4.25     | 6.28      | 36.00     | 29.72  |  |  |
|                        | 60       | 0.27            | 0.31     | 0.58     | -2.35     | 27.26     | 29.61  | 2.02     | 2.34           | 4.36     | 6.39      | 36.00     | 29.61  |  |  |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |             |            |             |              |                  | Antenna 3           |                       |                 |                  |                    |                  |                     |
|------------------------|----------|------------------|----------------------------|-------------|------------|-------------|--------------|------------------|---------------------|-----------------------|-----------------|------------------|--------------------|------------------|---------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. | PSD Result e.i.r.p. |
|                        |          |                  |                            | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |                       |                 |                  |                    | [dBm/MHz]        | [dBm/MHz]           |
| 5210                   | 53       | 0.31             | 0.00                       | -15.98      | 0.90       | 9.59        | 8.74         | -5.18            | 3.56                | -13.60                | 1.00            | 9.59             | 8.74               | -2.70            | 6.04                |
|                        | 56       | 0.31             | 0.00                       | -15.53      | 0.90       | 9.59        | 8.74         | -4.73            | 4.01                | -13.34                | 1.00            | 9.59             | 8.74               | -2.44            | 6.30                |
|                        | 60       | 0.31             | 0.00                       | -15.60      | 0.90       | 9.59        | 8.74         | -4.80            | 3.94                | -13.08                | 1.00            | 9.59             | 8.74               | -2.18            | 6.56                |
| 5290                   | 53       | 0.31             | 0.00                       | -14.57      | 0.90       | 9.59        | 8.74         | -3.77            | 4.97                | -12.00                | 1.00            | 9.59             | 8.74               | -1.10            | 7.64                |
|                        | 56       | 0.31             | 0.00                       | -14.12      | 0.90       | 9.59        | 8.74         | -3.32            | 5.42                | -11.95                | 1.00            | 9.59             | 8.74               | -1.05            | 7.69                |
|                        | 60       | 0.31             | 0.00                       | -14.00      | 0.90       | 9.59        | 8.74         | -3.20            | 5.54                | -12.07                | 1.00            | 9.59             | 8.74               | -1.17            | 7.57                |
| 5530                   | 53       | 0.31             | 0.00                       | -13.65      | 1.00       | 9.58        | 8.74         | -2.76            | 5.98                | -14.12                | 1.10            | 9.58             | 8.74               | -3.13            | 5.61                |
|                        | 56       | 0.31             | 0.00                       | -13.83      | 1.00       | 9.58        | 8.74         | -2.94            | 5.80                | -13.91                | 1.10            | 9.58             | 8.74               | -2.92            | 5.82                |
|                        | 60       | 0.31             | 0.00                       | -13.54      | 1.00       | 9.58        | 8.74         | -2.65            | 6.09                | -13.65                | 1.10            | 9.58             | 8.74               | -2.66            | 6.08                |
| 5610                   | 53       | 0.31             | 0.00                       | -13.84      | 1.00       | 9.59        | 8.74         | -2.94            | 5.80                | -14.01                | 1.10            | 9.59             | 8.74               | -3.01            | 5.73                |
|                        | 56       | 0.31             | 0.00                       | -13.88      | 1.00       | 9.59        | 8.74         | -2.98            | 5.76                | -13.89                | 1.10            | 9.59             | 8.74               | -2.89            | 5.85                |
|                        | 60       | 0.31             | 0.00                       | -14.14      | 1.00       | 9.59        | 8.74         | -3.24            | 5.50                | -13.16                | 1.10            | 9.59             | 8.74               | -2.16            | 6.58                |
| 5690                   | 53       | 0.31             | 0.00                       | -14.59      | 1.00       | 9.59        | 8.74         | -3.69            | 5.05                | -13.25                | 1.10            | 9.59             | 8.74               | -2.25            | 6.49                |
|                        | 56       | 0.31             | 0.00                       | -14.28      | 1.00       | 9.59        | 8.74         | -3.38            | 5.36                | -13.23                | 1.10            | 9.59             | 8.74               | -2.23            | 6.51                |
|                        | 60       | 0.31             | 0.00                       | -14.41      | 1.00       | 9.59        | 8.74         | -3.51            | 5.23                | -13.14                | 1.10            | 9.59             | 8.74               | -2.14            | 6.60                |
| 5775                   | 53       | 0.31             | 0.27                       | -17.00      | 1.00       | 9.59        | 8.74         | -5.83            | 2.91                | -16.60                | 1.10            | 9.59             | 8.74               | -5.33            | 3.41                |
|                        | 56       | 0.31             | 0.27                       | -16.85      | 1.00       | 9.59        | 8.74         | -5.68            | 3.06                | -16.54                | 1.10            | 9.59             | 8.74               | -5.27            | 3.47                |
|                        | 60       | 0.31             | 0.27                       | -16.86      | 1.00       | 9.59        | 8.74         | -5.69            | 3.05                | -16.32                | 1.10            | 9.59             | 8.74               | -5.05            | 3.69                |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC,

5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room | February 9, 2022    |
| Date                   | February 7, 2022                   | February 9, 2022    |
| Temperature / Humidity | 22 deg. C / 42 % RH                | 22 deg. C / 41 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    |
| Mode                   | Tx 11ax-80 OFDMA (242-tone RU)     |                     |

| Antenna 1+3            |          | Applied limit: 15.407, mobile and portable client device |          |          |           |           |        |                |          |          |           |           |        |
|------------------------|----------|--|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
| Tested Frequency [MHz] | RU Index | PSD (Conducted)  |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|                        |          | Antenna  |          | Sum      | Result    | Limit     | Margin | Antenna        |          | Sum      | Result    | Limit     | Margin |
| 1                      | 3        | 1  | 3        |          |           |           |        |                |          |          |           |           |        |
|                        |          | [mW/MHz]   | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5210                   | 61       | 0.29   | 0.49     | 0.79     | -1.05     | 8.26      | 9.31   | 2.20           | 3.68     | 5.88     | 7.69      | 17.00     | 9.31   |
|                        | 62       | 0.25   | 0.45     | 0.70     | -1.55     | 8.26      | 9.81   | 1.88           | 3.35     | 5.23     | 7.19      | 17.00     | 9.81   |
|                        | 64       | 0.30   | 0.52     | 0.81     | -0.90     | 8.26      | 9.16   | 2.21           | 3.86     | 6.07     | 7.84      | 17.00     | 9.16   |
| 5290                   | 61       | 0.40   | 0.69     | 1.09     | 0.37      | 8.26      | 7.89   | 3.00           | 5.14     | 8.14     | 9.11      | 17.00     | 7.89   |
|                        | 62       | 0.39   | 0.68     | 1.07     | 0.29      | 8.26      | 7.97   | 2.90           | 5.09     | 8.00     | 9.03      | 17.00     | 7.97   |
|                        | 64       | 0.43   | 0.70     | 1.13     | 0.52      | 8.26      | 7.74   | 3.20           | 5.24     | 8.43     | 9.26      | 17.00     | 7.74   |
| 5530                   | 61       | 0.47   | 0.45     | 0.92     | -0.35     | 8.26      | 8.61   | 3.54           | 3.37     | 6.91     | 8.39      | 17.00     | 8.61   |
|                        | 62       | 0.48   | 0.47     | 0.95     | -0.22     | 8.26      | 8.48   | 3.58           | 3.52     | 7.10     | 8.52      | 17.00     | 8.48   |
|                        | 64       | 0.52   | 0.50     | 1.02     | 0.08      | 8.26      | 8.18   | 3.86           | 3.75     | 7.61     | 8.82      | 17.00     | 8.18   |
| 5610                   | 61       | 0.49   | 0.44     | 0.92     | -0.35     | 8.26      | 8.61   | 3.63           | 3.27     | 6.90     | 8.39      | 17.00     | 8.61   |
|                        | 62       | 0.45   | 0.45     | 0.90     | -0.45     | 8.26      | 8.71   | 3.40           | 3.33     | 6.74     | 8.29      | 17.00     | 8.71   |
|                        | 64       | 0.48   | 0.52     | 1.01     | 0.03      | 8.26      | 8.23   | 3.62           | 3.91     | 7.53     | 8.77      | 17.00     | 8.23   |
| 5690                   | 61       | 0.41   | 0.59     | 1.00     | -0.01     | 8.26      | 8.27   | 3.04           | 4.42     | 7.46     | 8.73      | 17.00     | 8.27   |
|                        | 62       | 0.39   | 0.55     | 0.94     | -0.26     | 8.26      | 8.52   | 2.94           | 4.10     | 7.04     | 8.48      | 17.00     | 8.52   |
|                        | 64       | 0.47   | 0.57     | 1.04     | 0.17      | 8.26      | 8.09   | 3.50           | 4.28     | 7.78     | 8.91      | 17.00     | 8.09   |
| 5775                   | 61       | 0.24   | 0.29     | 0.53     | -2.75     | 27.26     | 30.01  | 1.80           | 2.18     | 3.98     | 5.99      | 36.00     | 30.01  |
|                        | 62       | 0.23   | 0.28     | 0.51     | -2.89     | 27.26     | 30.15  | 1.76           | 2.09     | 3.85     | 5.85      | 36.00     | 30.15  |
|                        | 64       | 0.26   | 0.30     | 0.56     | -2.51     | 27.26     | 29.77  | 1.94           | 2.25     | 4.20     | 6.23      | 36.00     | 29.77  |

| Tested Frequency [MHz] | RU Index | Antenna 1        |                            |                       |                 |                  |                    |                            | Antenna 3                     |                       |                 |                  |                    |                            |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------|--------------------|----------------------------|-------------------------------|
|                        |          | Duty Factor [dB] | RBW Correction Factor [dB] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Result Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5210                   | 61       | 0.35             | 0.00                       | -16.16                | 0.90            | 9.59             | 8.74               | -5.32                      | 3.42                          | -14.02                | 1.00            | 9.59             | 8.74               | -3.08                      | 5.66                          |
|                        | 62       | 0.35             | 0.00                       | -16.83                | 0.90            | 9.59             | 8.74               | -5.99                      | 2.75                          | -14.43                | 1.00            | 9.59             | 8.74               | -3.49                      | 5.25                          |
|                        | 64       | 0.35             | 0.00                       | -16.13                | 0.90            | 9.59             | 8.74               | -5.29                      | 3.45                          | -13.81                | 1.00            | 9.59             | 8.74               | -2.87                      | 5.87                          |
| 5290                   | 61       | 0.35             | 0.00                       | -14.81                | 0.90            | 9.59             | 8.74               | -3.97                      | 4.77                          | -12.57                | 1.00            | 9.59             | 8.74               | -1.63                      | 7.11                          |
|                        | 62       | 0.35             | 0.00                       | -14.95                | 0.90            | 9.59             | 8.74               | -4.11                      | 4.63                          | -12.61                | 1.00            | 9.59             | 8.74               | -1.67                      | 7.07                          |
|                        | 64       | 0.35             | 0.00                       | -14.53                | 0.90            | 9.59             | 8.74               | -3.69                      | 5.05                          | -12.49                | 1.00            | 9.59             | 8.74               | -1.55                      | 7.19                          |
| 5530                   | 61       | 0.35             | 0.00                       | -14.18                | 1.00            | 9.58             | 8.74               | -3.25                      | 5.49                          | -14.50                | 1.10            | 9.58             | 8.74               | -3.47                      | 5.27                          |
|                        | 62       | 0.35             | 0.00                       | -14.13                | 1.00            | 9.58             | 8.74               | -3.20                      | 5.54                          | -14.30                | 1.10            | 9.58             | 8.74               | -3.27                      | 5.47                          |
|                        | 64       | 0.35             | 0.00                       | -13.80                | 1.00            | 9.58             | 8.74               | -2.87                      | 5.87                          | -14.03                | 1.10            | 9.58             | 8.74               | -3.00                      | 5.74                          |
| 5610                   | 61       | 0.35             | 0.00                       | -14.08                | 1.00            | 9.59             | 8.74               | -3.14                      | 5.60                          | -14.63                | 1.10            | 9.59             | 8.74               | -3.59                      | 5.15                          |
|                        | 62       | 0.35             | 0.00                       | -14.36                | 1.00            | 9.59             | 8.74               | -3.42                      | 5.32                          | -14.55                | 1.10            | 9.59             | 8.74               | -3.51                      | 5.23                          |
|                        | 64       | 0.35             | 0.00                       | -14.09                | 1.00            | 9.59             | 8.74               | -3.15                      | 5.59                          | -13.86                | 1.10            | 9.59             | 8.74               | -2.82                      | 5.92                          |
| 5690                   | 61       | 0.35             | 0.00                       | -14.85                | 1.00            | 9.59             | 8.74               | -3.91                      | 4.83                          | -13.33                | 1.10            | 9.59             | 8.74               | -2.29                      | 6.45                          |
|                        | 62       | 0.35             | 0.00                       | -15.00                | 1.00            | 9.59             | 8.74               | -4.06                      | 4.68                          | -13.65                | 1.10            | 9.59             | 8.74               | -2.61                      | 6.13                          |
|                        | 64       | 0.35             | 0.00                       | -14.24                | 1.00            | 9.59             | 8.74               | -3.30                      | 5.44                          | -13.47                | 1.10            | 9.59             | 8.74               | -2.43                      | 6.31                          |
| 5775                   | 61       | 0.35             | 0.27                       | -17.40                | 1.00            | 9.59             | 8.74               | -6.19                      | 2.55                          | -16.67                | 1.10            | 9.59             | 8.74               | -5.36                      | 3.38                          |
|                        | 62       | 0.35             | 0.27                       | -17.50                | 1.00            | 9.59             | 8.74               | -6.29                      | 2.45                          | -16.85                | 1.10            | 9.59             | 8.74               | -5.54                      | 3.20                          |
|                        | 64       | 0.35             | 0.27                       | -17.06                | 1.00            | 9.59             | 8.74               | -5.85                      | 2.89                          | -16.52                | 1.10            | 9.59             | 8.74               | -5.21                      | 3.53                          |

Sample Calculation:  
 PSD: Power Spectral Density  
 The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.  
 RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)  
 PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor  
 PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain  
 The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

### Maximum Power Spectral Density

|                        |                                    |                     |
|------------------------|------------------------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     |
| Date                   | February 7, 2022                   | February 9, 2022    |
| Temperature / Humidity | 22 deg. C / 42 % RH                | 22 deg. C / 41 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    |
| Mode                   | Tx 11ax-80 OFDMA (484-tone RU)     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency [MHz] | RU Index | PSD (Conducted) |          |          |           |           |        | PSD (e.i.r.p.) |          |          |           |           |        |
|------------------------|----------|-----------------|----------|----------|-----------|-----------|--------|----------------|----------|----------|-----------|-----------|--------|
|                        |          | Antenna         |          | Sum      | Result    | Limit     | Margin | Antenna        |          | Sum      | Result    | Limit     | Margin |
|                        |          | 1               | 3        |          |           |           |        | 1              | 3        |          |           |           |        |
|                        |          | [mW/MHz]        | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   | [mW/MHz]       | [mW/MHz] | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]   |
| 5210                   | 65       | 0.13            | 0.23     | 0.37     | -4.36     | 8.26      | 12.62  | 1.01           | 1.73     | 2.74     | 4.38      | 17.00     | 12.62  |
|                        | 66       | 0.14            | 0.25     | 0.39     | -4.14     | 8.26      | 12.40  | 1.02           | 1.86     | 2.89     | 4.60      | 17.00     | 12.40  |
| 5290                   | 65       | 0.21            | 0.35     | 0.56     | -2.55     | 8.26      | 10.81  | 1.55           | 2.62     | 4.16     | 6.19      | 17.00     | 10.81  |
|                        | 66       | 0.22            | 0.39     | 0.61     | -2.15     | 8.26      | 10.41  | 1.66           | 2.90     | 4.56     | 6.59      | 17.00     | 10.41  |
| 5530                   | 65       | 0.24            | 0.21     | 0.46     | -3.39     | 8.26      | 11.65  | 1.82           | 1.60     | 3.43     | 5.35      | 17.00     | 11.65  |
|                        | 66       | 0.26            | 0.24     | 0.50     | -3.02     | 8.26      | 11.28  | 1.94           | 1.80     | 3.74     | 5.72      | 17.00     | 11.28  |
| 5610                   | 65       | 0.25            | 0.23     | 0.49     | -3.14     | 8.26      | 11.40  | 1.88           | 1.75     | 3.63     | 5.60      | 17.00     | 11.40  |
|                        | 66       | 0.27            | 0.26     | 0.53     | -2.78     | 8.26      | 11.04  | 2.01           | 1.93     | 3.95     | 5.96      | 17.00     | 11.04  |
| 5690                   | 65       | 0.22            | 0.29     | 0.51     | -2.94     | 8.26      | 11.20  | 1.64           | 2.16     | 3.80     | 5.80      | 17.00     | 11.20  |
|                        | 66       | 0.23            | 0.29     | 0.52     | -2.83     | 8.26      | 11.09  | 1.71           | 2.19     | 3.90     | 5.91      | 17.00     | 11.09  |
| 5775                   | 65       | 0.13            | 0.15     | 0.27     | -5.64     | 27.26     | 32.90  | 0.94           | 1.10     | 2.04     | 3.10      | 36.00     | 32.90  |
|                        | 66       | 0.14            | 0.15     | 0.28     | -5.48     | 27.26     | 32.74  | 1.01           | 1.11     | 2.12     | 3.26      | 36.00     | 32.74  |

| Tested Frequency [MHz] | RU Index | Duty Factor [dB] | RBW Correction Factor [dB] | Antenna 1             |                 |                  |                    | Antenna 3           |                        |                       |                 | PSD Result       |                    |                     |                               |
|------------------------|----------|------------------|----------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|------------------------|-----------------------|-----------------|------------------|--------------------|---------------------|-------------------------------|
|                        |          |                  |                            | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | PSD e.i.r.p. [dBm/MHz] | PSD Reading [dBm/MHz] | Cable Loss [dB] | Atten. Loss [dB] | Antenna Gain [dBi] | PSD Cond. [dBm/MHz] | PSD Result e.i.r.p. [dBm/MHz] |
| 5210                   | 65       | 0.36             | 0.00                       | -19.55                | 0.90            | 9.59             | 8.74               | -8.70               | 0.04                   | -17.30                | 1.00            | 9.59             | 8.74               | -6.35               | 2.39                          |
|                        | 66       | 0.36             | 0.00                       | -19.49                | 0.90            | 9.59             | 8.74               | -8.64               | 0.10                   | -16.99                | 1.00            | 9.59             | 8.74               | -6.04               | 2.70                          |
| 5290                   | 65       | 0.36             | 0.00                       | -17.70                | 0.90            | 9.59             | 8.74               | -6.85               | 1.89                   | -15.51                | 1.00            | 9.59             | 8.74               | -4.56               | 4.18                          |
|                        | 66       | 0.36             | 0.00                       | -17.39                | 0.90            | 9.59             | 8.74               | -6.54               | 2.20                   | -15.06                | 1.00            | 9.59             | 8.74               | -4.11               | 4.63                          |
| 5530                   | 65       | 0.36             | 0.00                       | -17.07                | 1.00            | 9.58             | 8.74               | -6.13               | 2.61                   | -17.73                | 1.10            | 9.58             | 8.74               | -6.69               | 2.05                          |
|                        | 66       | 0.36             | 0.00                       | -16.81                | 1.00            | 9.58             | 8.74               | -5.87               | 2.87                   | -17.23                | 1.10            | 9.58             | 8.74               | -6.19               | 2.55                          |
| 5610                   | 65       | 0.36             | 0.00                       | -16.94                | 1.00            | 9.59             | 8.74               | -5.99               | 2.75                   | -17.36                | 1.10            | 9.59             | 8.74               | -6.31               | 2.43                          |
|                        | 66       | 0.36             | 0.00                       | -16.65                | 1.00            | 9.59             | 8.74               | -5.70               | 3.04                   | -16.93                | 1.10            | 9.59             | 8.74               | -5.88               | 2.86                          |
| 5690                   | 65       | 0.36             | 0.00                       | -17.55                | 1.00            | 9.59             | 8.74               | -6.60               | 2.14                   | -16.44                | 1.10            | 9.59             | 8.74               | -5.39               | 3.35                          |
|                        | 66       | 0.36             | 0.00                       | -17.36                | 1.00            | 9.59             | 8.74               | -6.41               | 2.33                   | -16.39                | 1.10            | 9.59             | 8.74               | -5.34               | 3.40                          |
| 5775                   | 65       | 0.36             | 0.27                       | -20.21                | 1.00            | 9.59             | 8.74               | -8.99               | -0.25                  | -19.65                | 1.10            | 9.59             | 8.74               | -8.33               | 0.41                          |
|                        | 66       | 0.36             | 0.27                       | -19.91                | 1.00            | 9.59             | 8.74               | -8.69               | 0.05                   | -19.62                | 1.10            | 9.59             | 8.74               | -8.30               | 0.44                          |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = 10 \* log (Specified bandwidth / Measured bandwidth)

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

## Maximum Power Spectral Density

|                        |                                    |                     |                     |
|------------------------|------------------------------------|---------------------|---------------------|
| Test place             | Ise EMC Lab. No.8 Measurement Room |                     | February 9, 2022    |
| Date                   | February 7, 2022                   | February 9, 2022    | February 9, 2022    |
| Temperature / Humidity | 22 deg. C / 42 % RH                | 22 deg. C / 41 % RH | 23 deg. C / 31 % RH |
| Engineer               | Kiyoshiro Okazaki                  | Takafumi Noguchi    | Kiyoshiro Okazaki   |
| Mode                   | Tx 11ax-80 OFDMA (996-tone RU)     |                     |                     |

**Antenna 1+3** Applied limit: 15.407, mobile and portable client device

| Tested Frequency<br>[MHz] | PSD (Conducted) |          |           |           |       |          | PSD (e.i.r.p.) |          |           |           |       |        |
|---------------------------|-----------------|----------|-----------|-----------|-------|----------|----------------|----------|-----------|-----------|-------|--------|
|                           | Antenna         |          |           | Result    | Limit | Margin   | Antenna        |          |           | Result    | Limit | Margin |
|                           | 1               | 3        | Sum       |           |       |          | 1              | 3        | Sum       |           |       |        |
| [mW/MHz]                  | [mW/MHz]        | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  | [mW/MHz] | [mW/MHz]       | [mW/MHz] | [dBm/MHz] | [dBm/MHz] | [dB]  |        |
| 5210                      | 0.09            | 0.17     | 0.27      | -5.76     | 8.26  | 14.02    | 0.71           | 1.28     | 1.99      | 2.98      | 17.00 | 14.02  |
| 5290                      | 0.15            | 0.26     | 0.41      | -3.88     | 8.26  | 12.14    | 1.12           | 1.94     | 3.06      | 4.86      | 17.00 | 12.14  |
| 5530                      | 0.19            | 0.17     | 0.36      | -4.48     | 8.26  | 12.74    | 1.39           | 1.28     | 2.67      | 4.26      | 17.00 | 12.74  |
| 5610                      | 0.19            | 0.17     | 0.36      | -4.44     | 8.26  | 12.70    | 1.41           | 1.29     | 2.69      | 4.30      | 17.00 | 12.70  |
| 5690                      | 0.15            | 0.21     | 0.37      | -4.38     | 8.26  | 12.64    | 1.12           | 1.61     | 2.73      | 4.36      | 17.00 | 12.64  |
| 5775                      | 0.09            | 0.10     | 0.20      | -7.10     | 27.26 | 34.36    | 0.68           | 0.78     | 1.46      | 1.64      | 36.00 | 34.36  |

| Tested Frequency<br>[MHz] | Antenna 1   |                       |             |            |             |              |                  | Antenna 3           |             |            |             |              |                  |                     |
|---------------------------|-------------|-----------------------|-------------|------------|-------------|--------------|------------------|---------------------|-------------|------------|-------------|--------------|------------------|---------------------|
|                           | Duty Factor | RBW Correction Factor | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. | PSD Reading | Cable Loss | Atten. Loss | Antenna Gain | PSD Result Cond. | PSD Result e.i.r.p. |
|                           | [dB]        | [dB]                  | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           | [dBm/MHz]   | [dB]       | [dB]        | [dBi]        | [dBm/MHz]        | [dBm/MHz]           |
| 5210                      | 0.39        | 0.00                  | -21.12      | 0.90       | 9.59        | 8.74         | -10.24           | -1.50               | -18.65      | 1.00       | 9.59        | 8.74         | -7.67            | 1.07                |
| 5290                      | 0.39        | 0.00                  | -19.12      | 0.90       | 9.59        | 8.74         | -8.24            | 0.50                | -16.85      | 1.00       | 9.59        | 8.74         | -5.87            | 2.87                |
| 5530                      | 0.39        | 0.00                  | -18.28      | 1.00       | 9.58        | 8.74         | -7.31            | 1.43                | -18.74      | 1.10       | 9.58        | 8.74         | -7.67            | 1.07                |
| 5610                      | 0.39        | 0.00                  | -18.24      | 1.00       | 9.59        | 8.74         | -7.26            | 1.48                | -18.73      | 1.10       | 9.59        | 8.74         | -7.65            | 1.09                |
| 5690                      | 0.39        | 0.00                  | -19.21      | 1.00       | 9.59        | 8.74         | -8.23            | 0.51                | -17.76      | 1.10       | 9.59        | 8.74         | -6.68            | 2.06                |
| 5775                      | 0.39        | 0.27                  | -21.66      | 1.00       | 9.59        | 8.74         | -10.41           | -1.67               | -21.17      | 1.10       | 9.59        | 8.74         | -9.82            | -1.08               |

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor =  $10 * \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

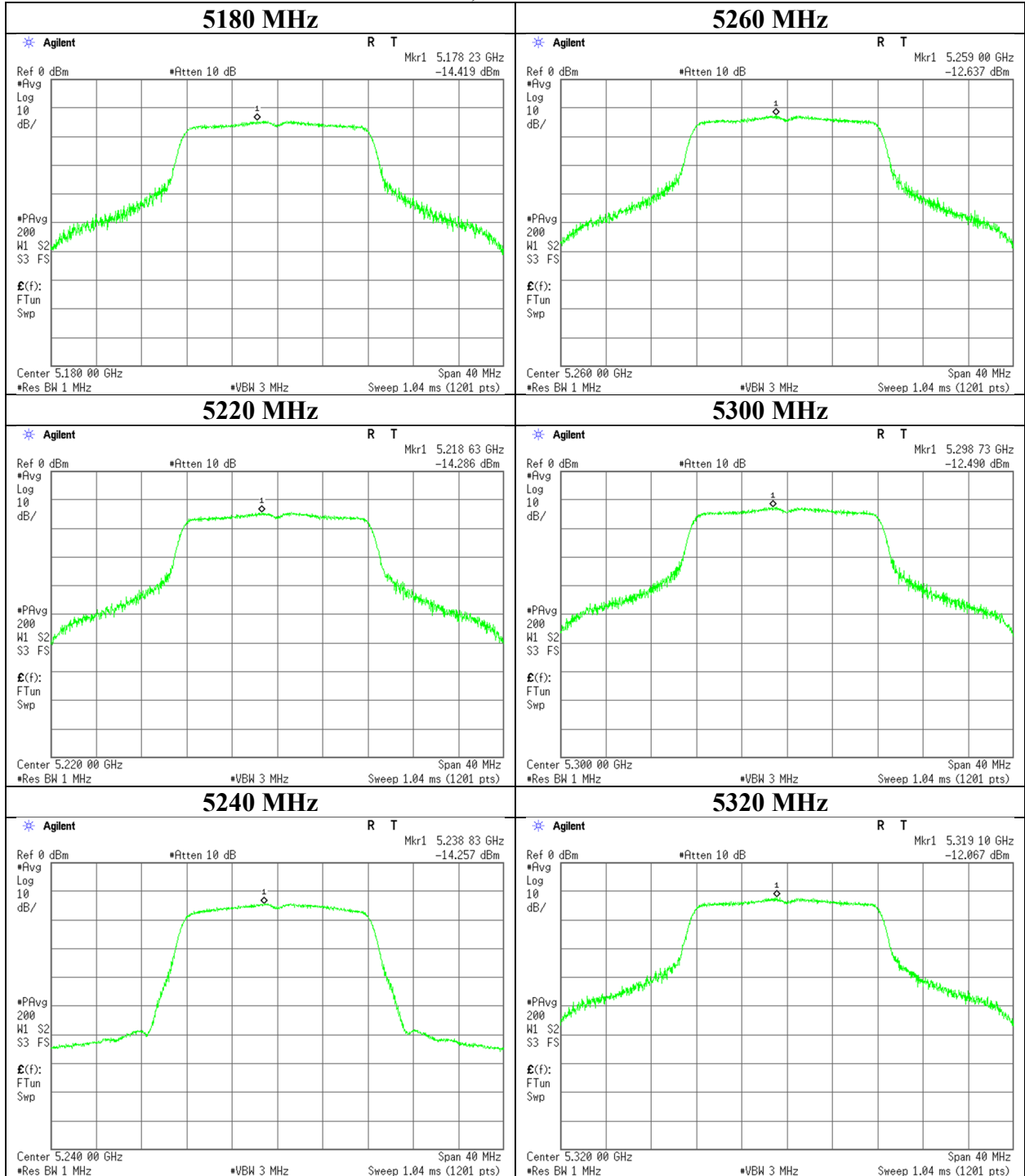
PSD Result (e.i.r.p.) = Conducted PSD Result + Antenna Gain

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)



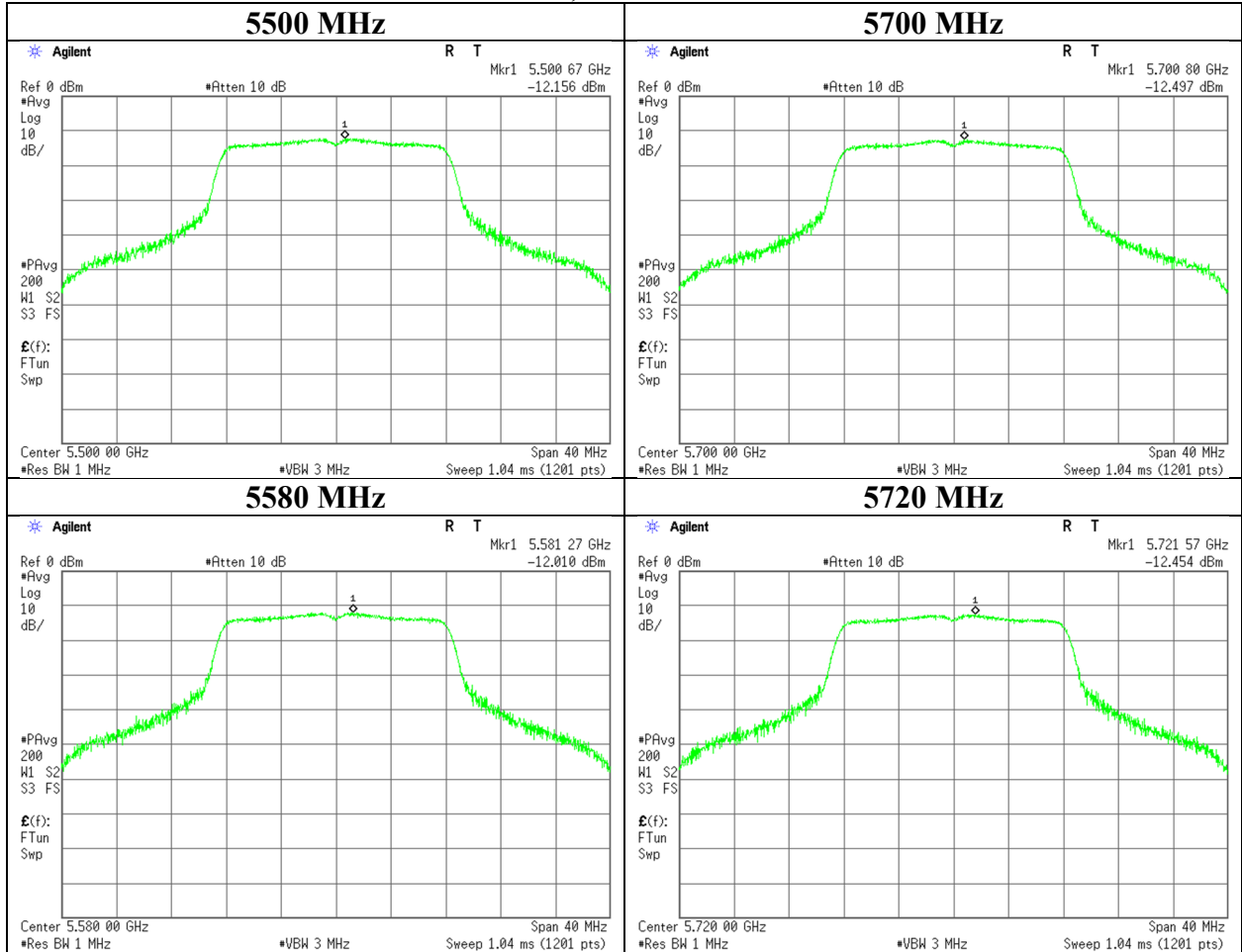
### Maximum Power Spectral Density

#### 11a, Antenna 1



### Maximum Power Spectral Density

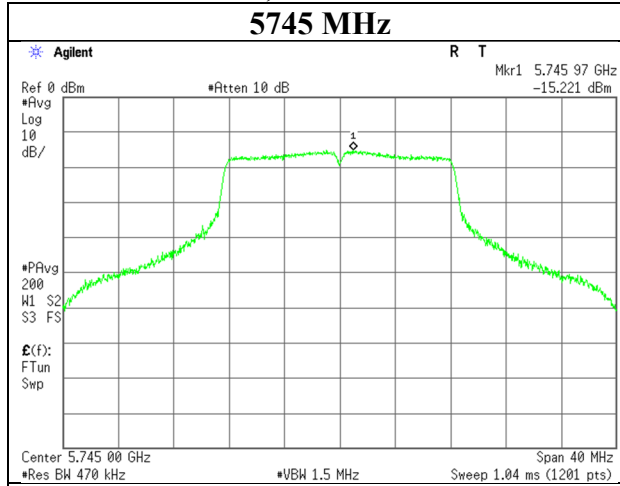
#### 11a, Antenna 1



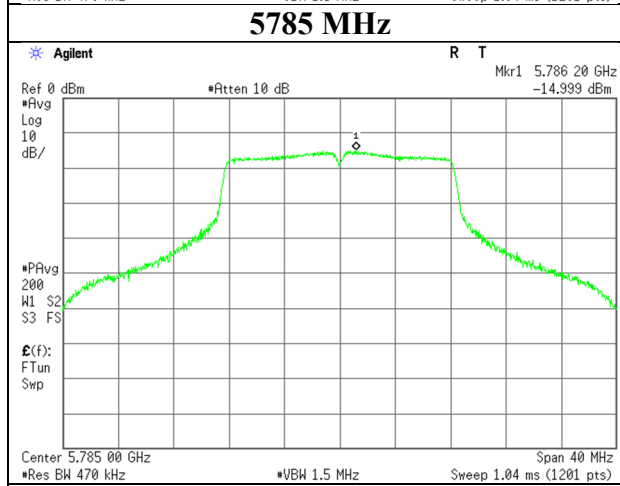
### Maximum Power Spectral Density

#### 11a, Antenna 1

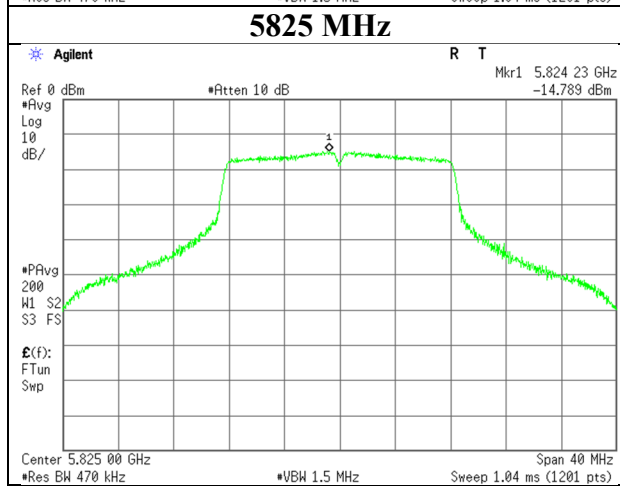
#### 5745 MHz



#### 5785 MHz

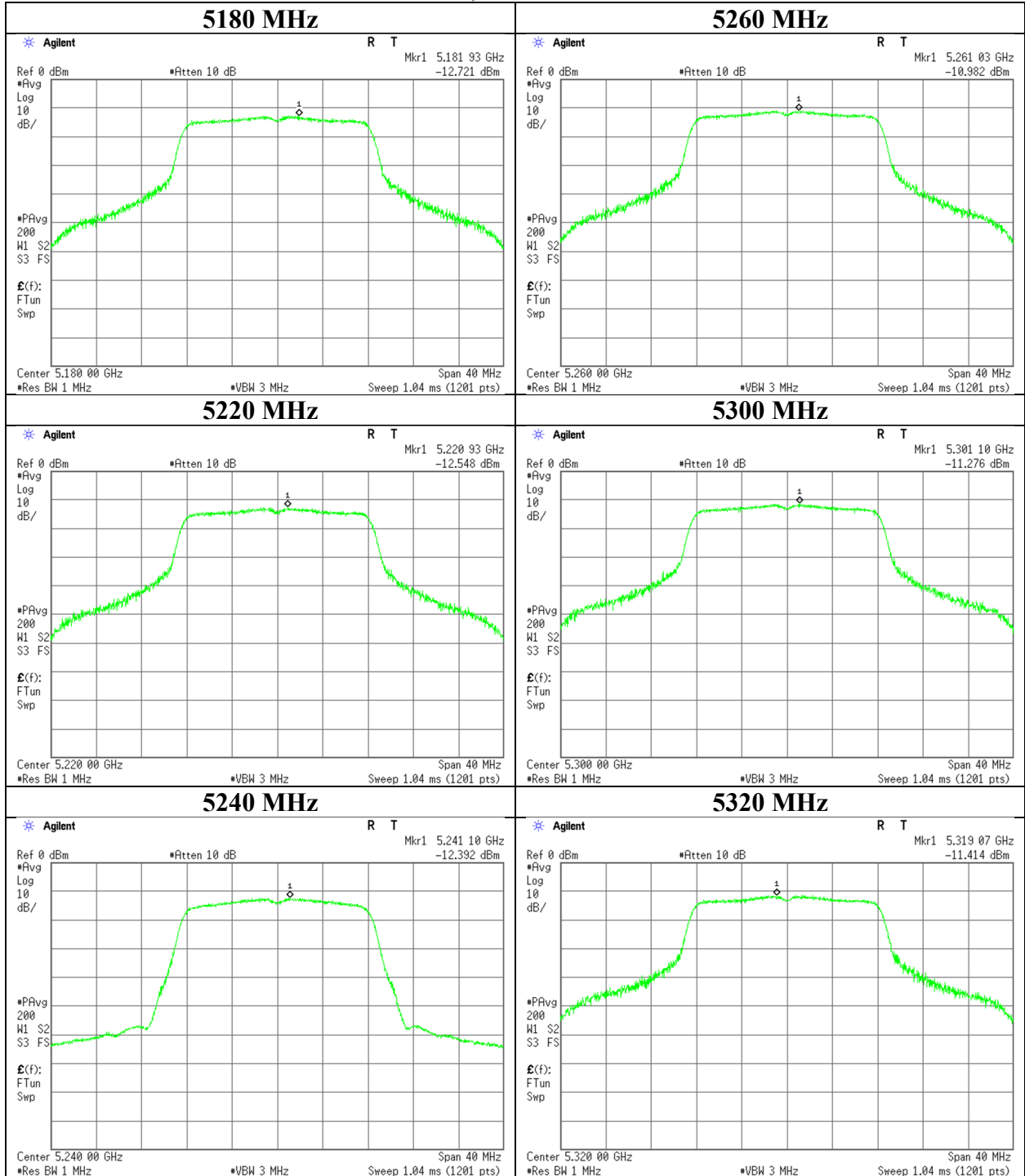


#### 5825 MHz



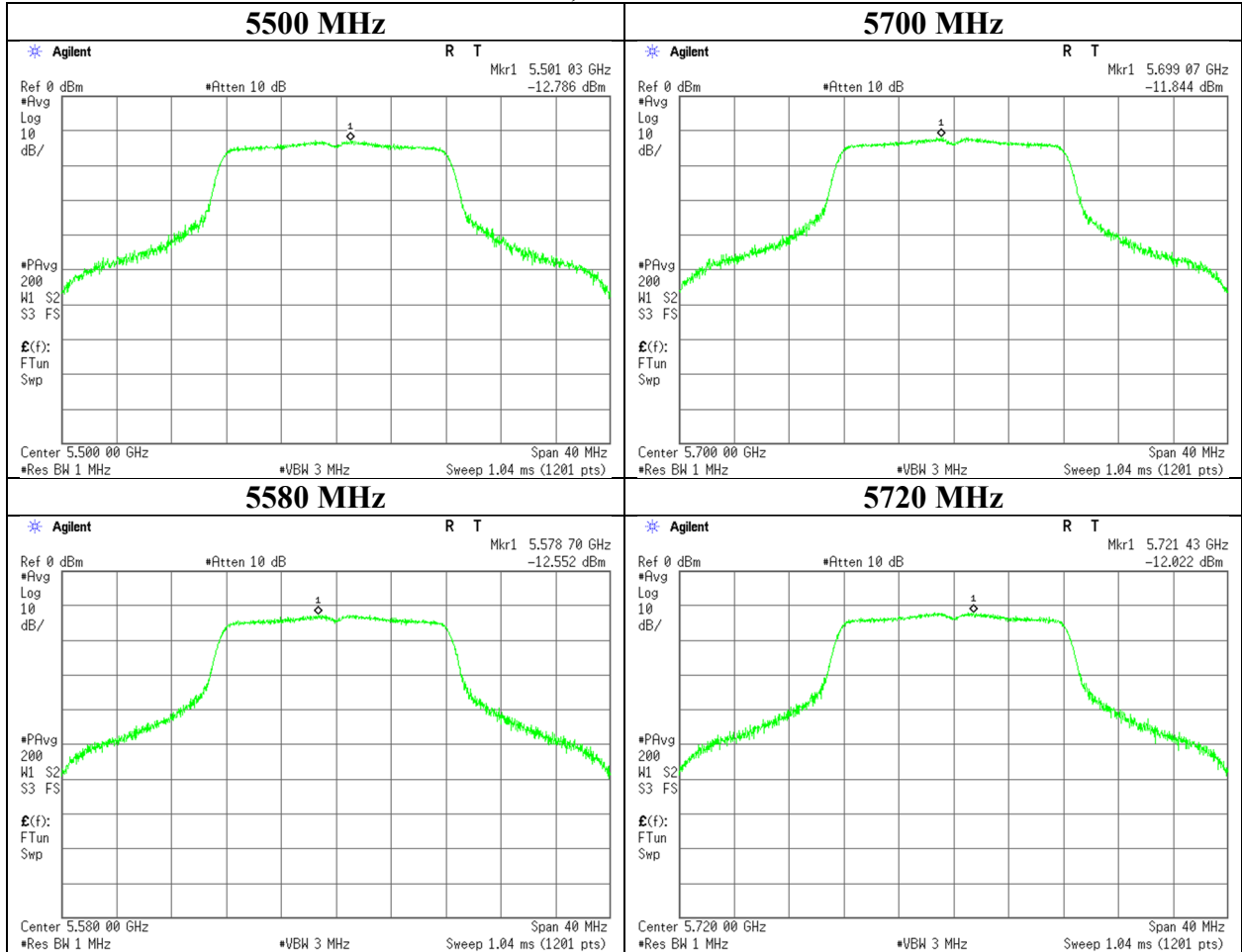
### Maximum Power Spectral Density

#### 11a, Antenna 3



### Maximum Power Spectral Density

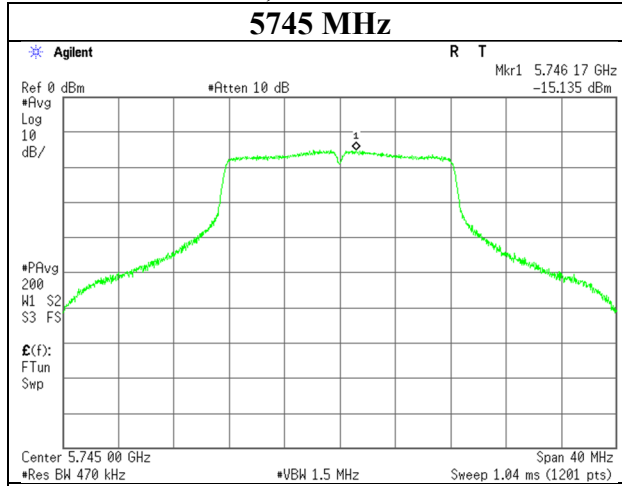
#### 11a, Antenna 3



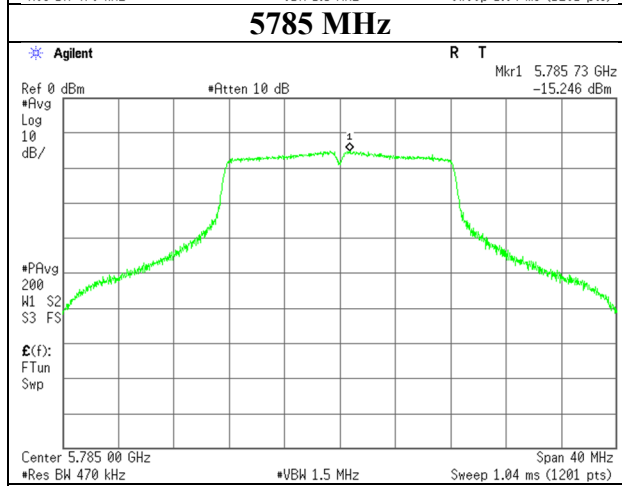
### Maximum Power Spectral Density

#### 11a, Antenna 3

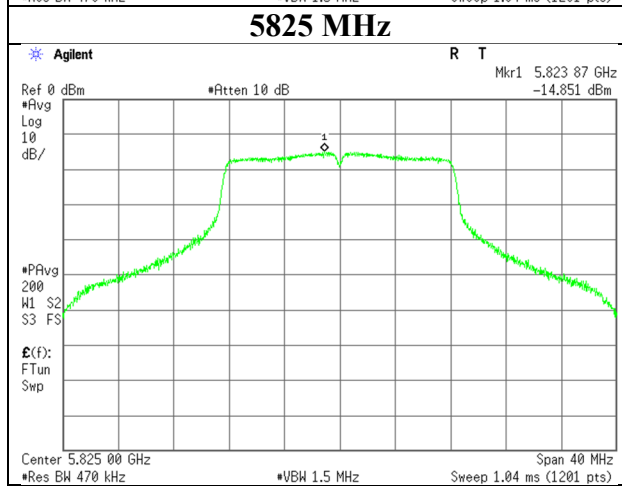
#### 5745 MHz



#### 5785 MHz

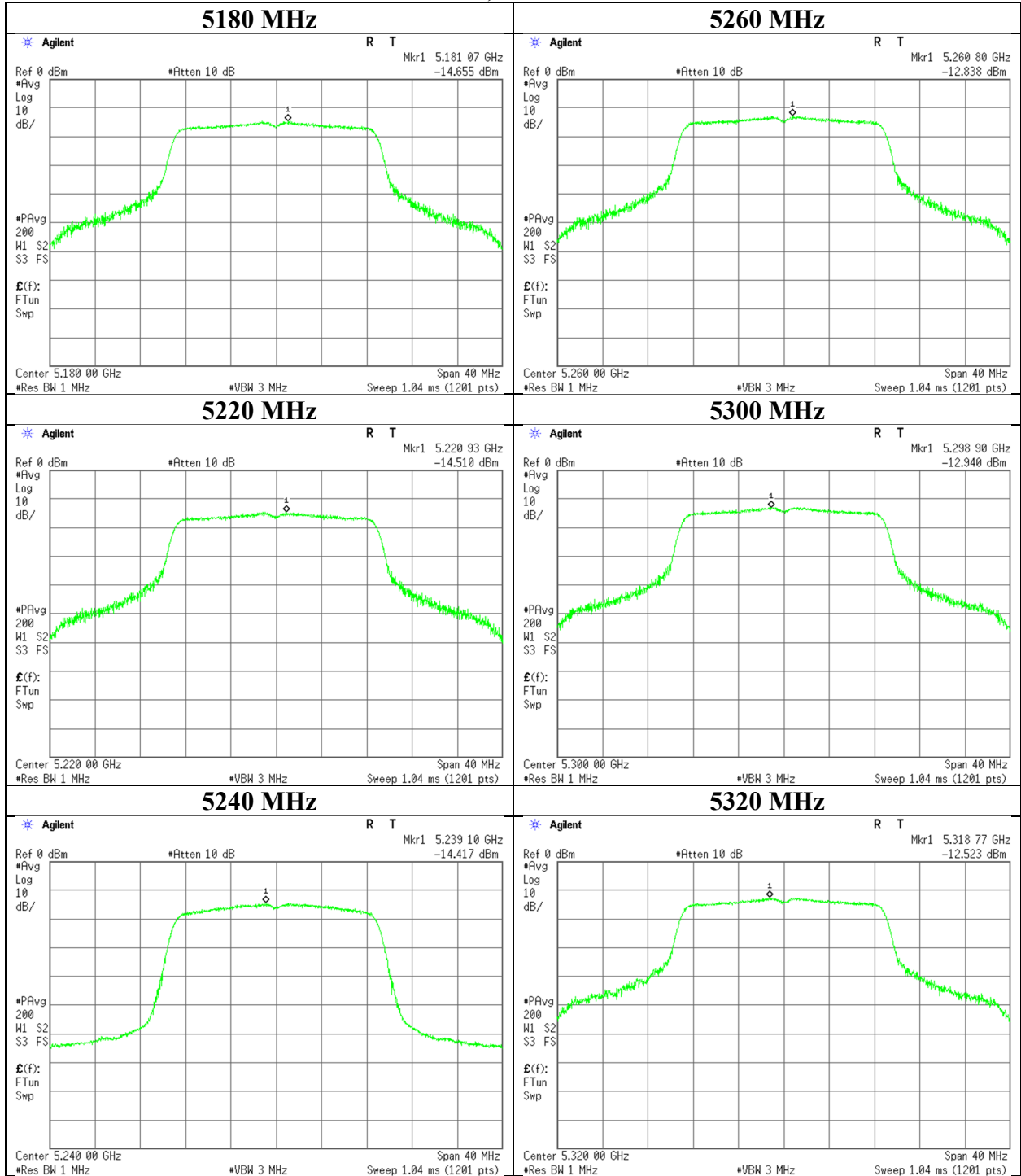


#### 5825 MHz



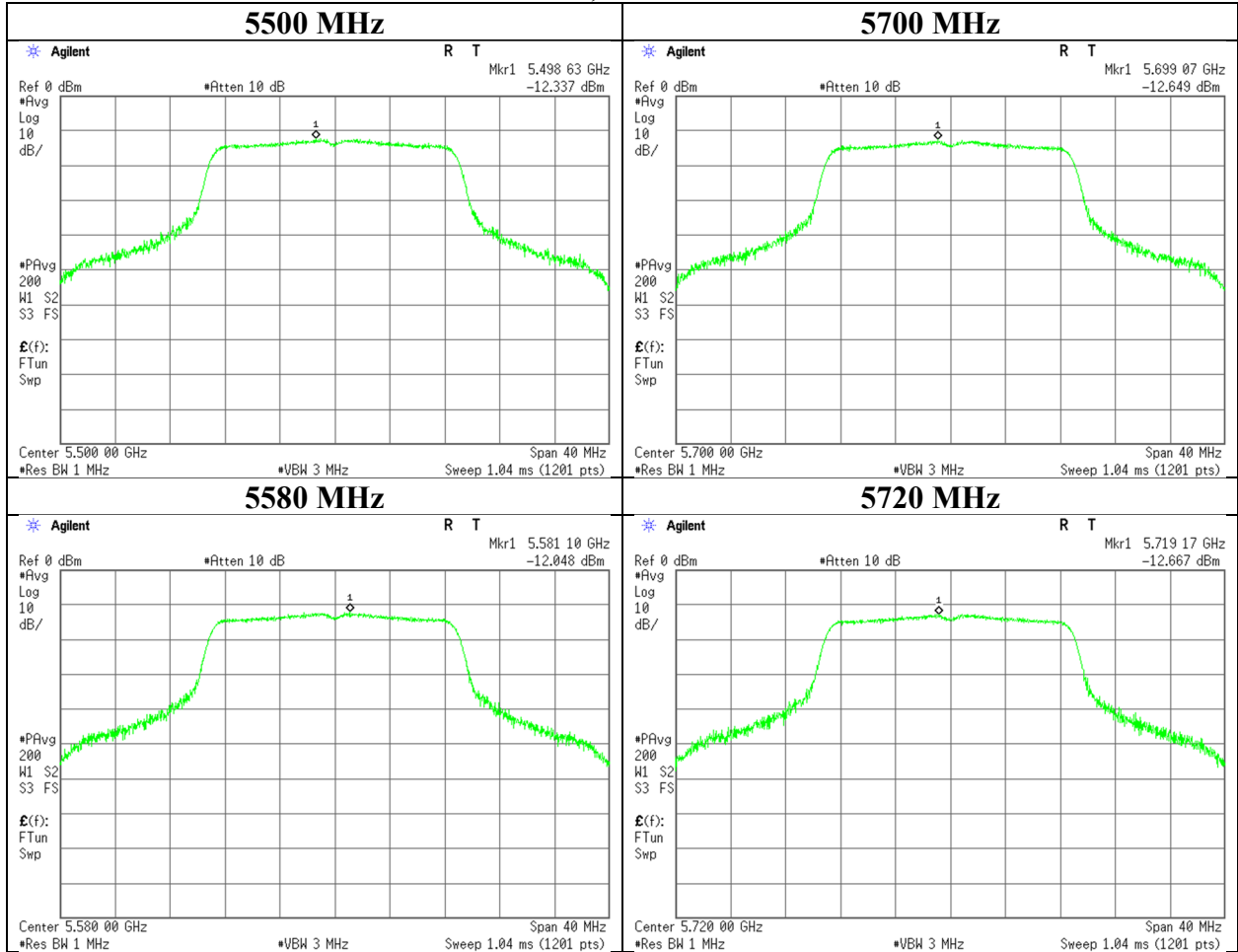
### Maximum Power Spectral Density

#### 11n-20, Antenna 1



### Maximum Power Spectral Density

#### 11n-20, Antenna 1

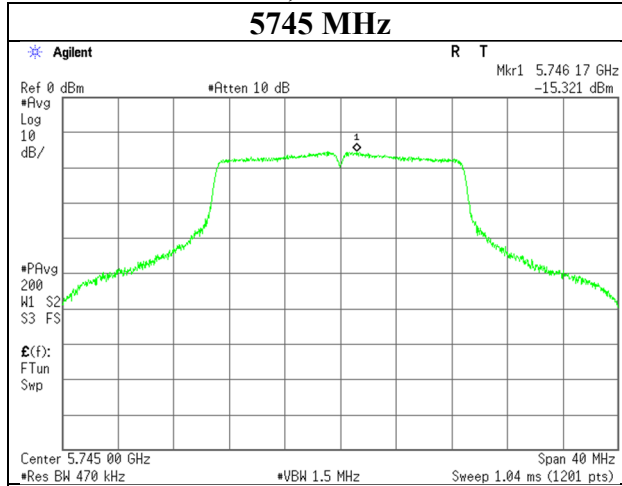




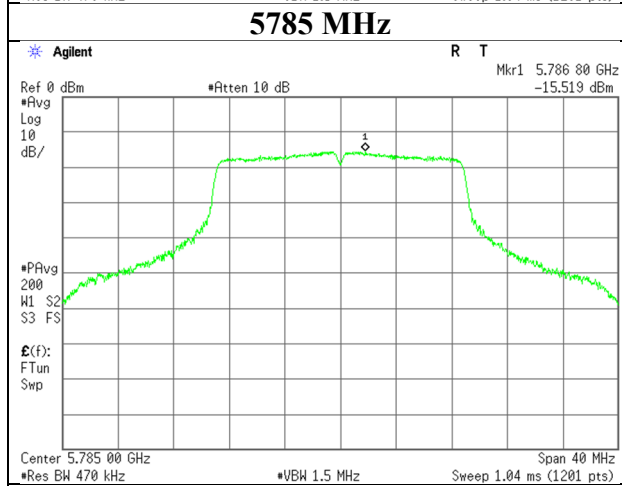
### Maximum Power Spectral Density

#### 11n-20, Antenna 1

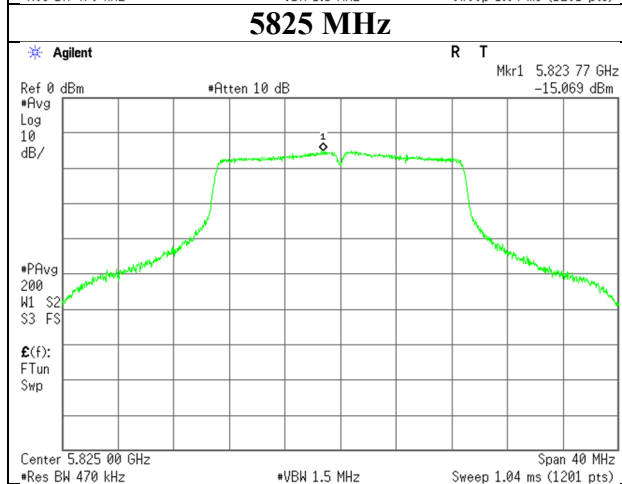
#### 5745 MHz



#### 5785 MHz

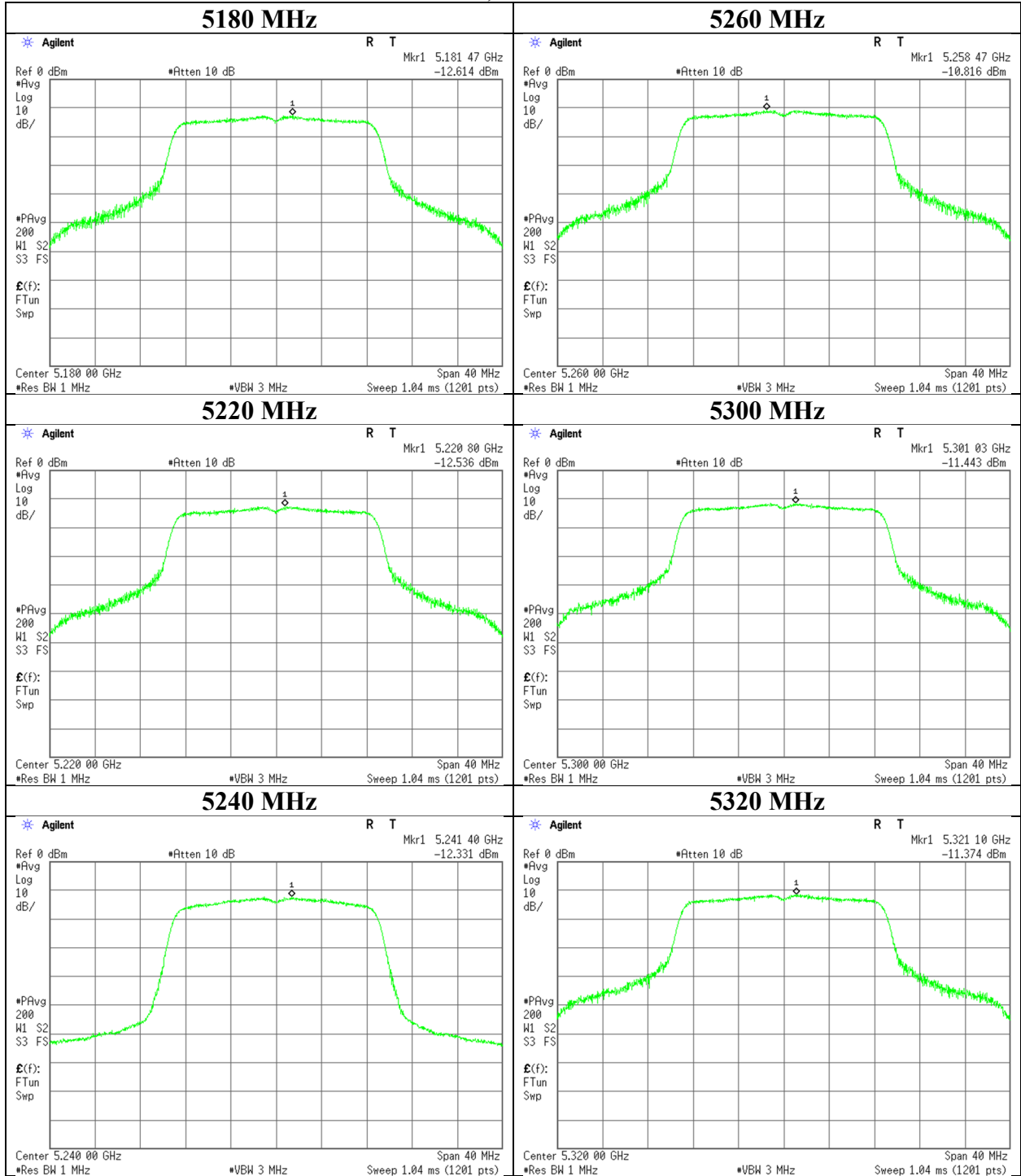


#### 5825 MHz



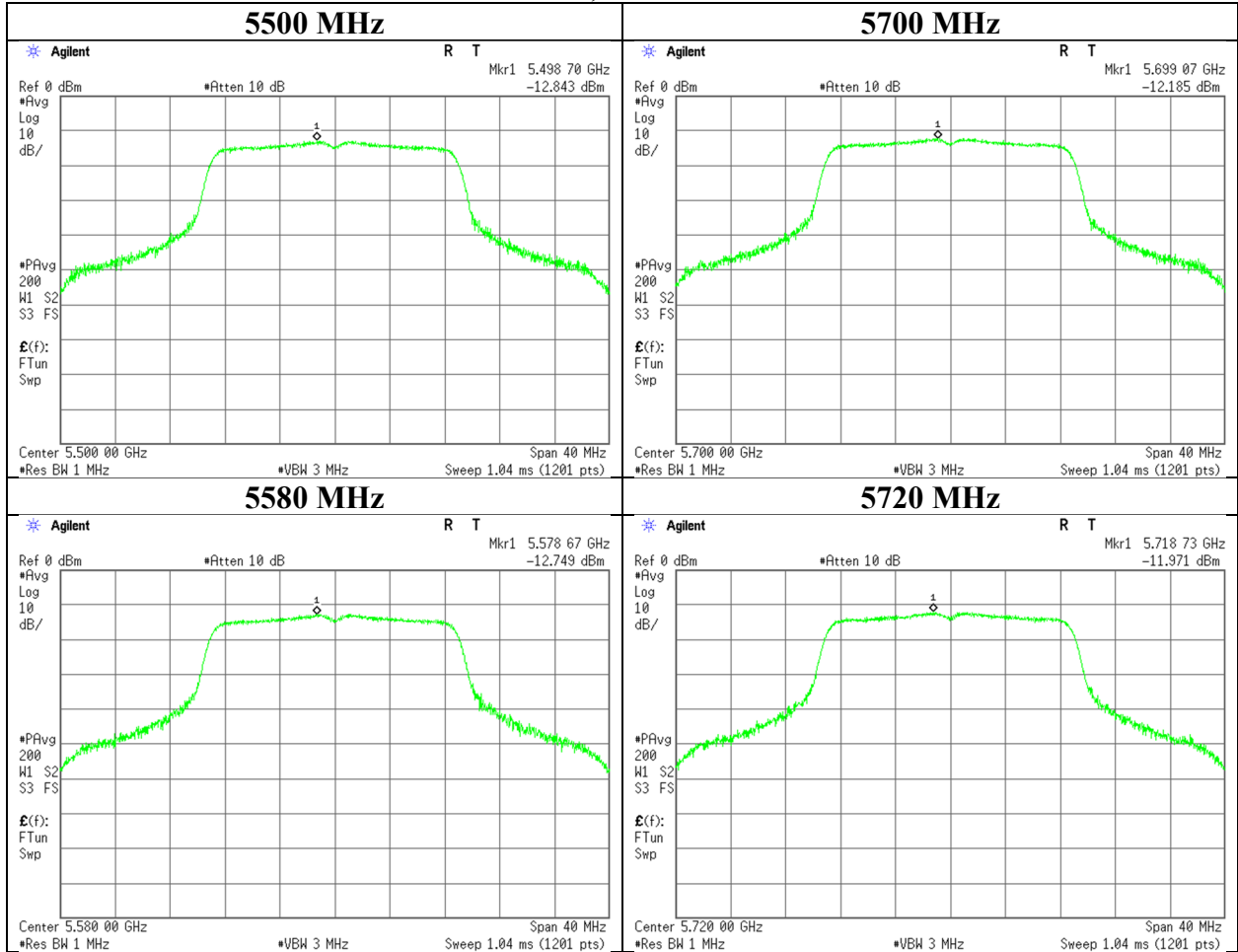
### Maximum Power Spectral Density

#### 11n-20, Antenna 3



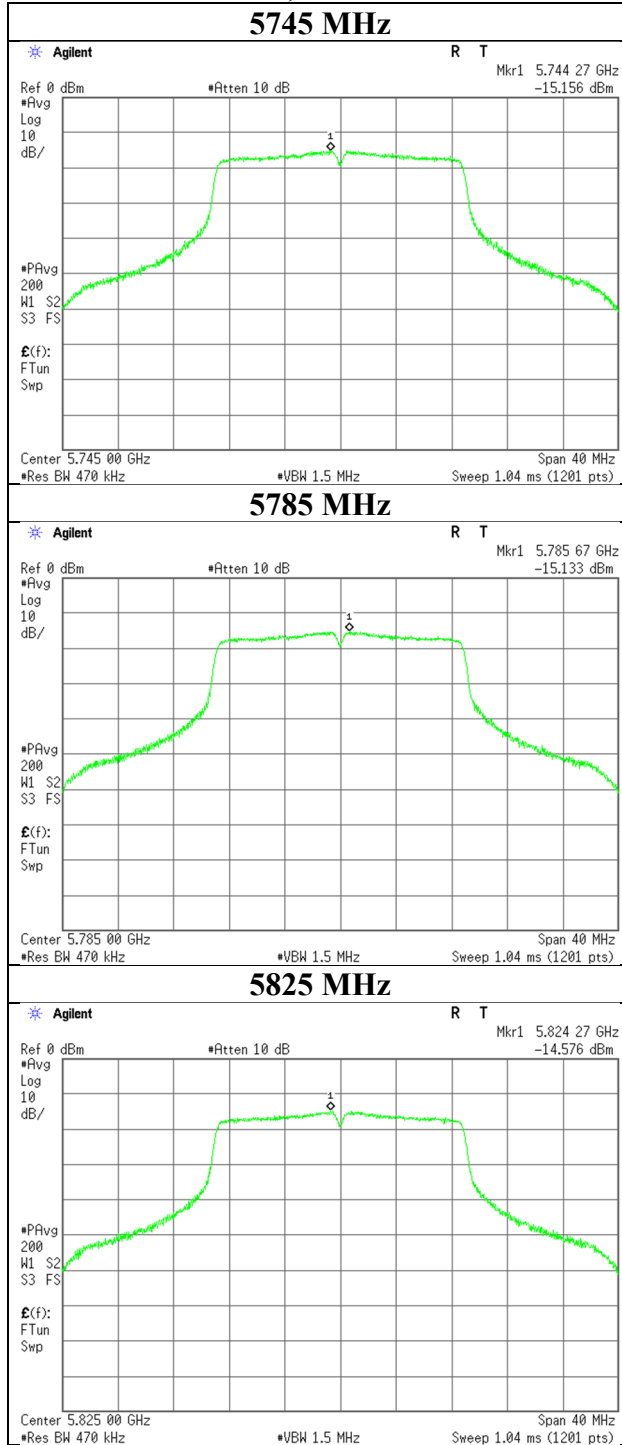
### Maximum Power Spectral Density

#### 11n-20, Antenna 3



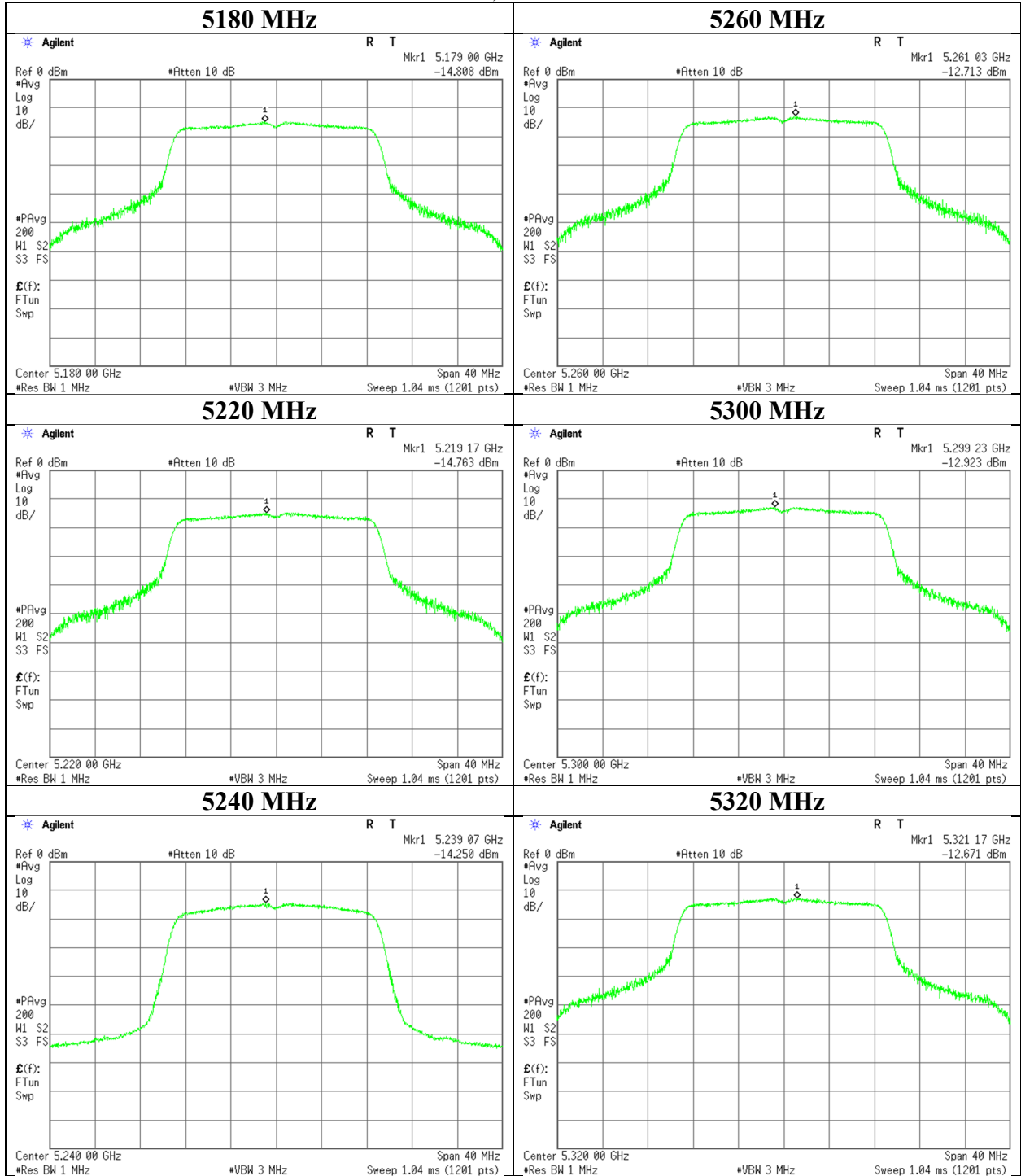
### Maximum Power Spectral Density

#### 11n-20, Antenna 3



### Maximum Power Spectral Density

#### 11ac-20, Antenna 1



### Maximum Power Spectral Density

#### 11ac-20, Antenna 1

