



# **Annex A**

## **Output Power**



**22 dBi PtoP**

| Bandwidth | Frequency | Data Rate | J3 Level | J4 Level | J3 Level | J4 Level | Total Summed Power | Limit | Margin |
|-----------|-----------|-----------|----------|----------|----------|----------|--------------------|-------|--------|
| MHz       | MHz       |           | dBm      | dBm      | mW       | mW       | dBm                | dBm   | dB     |
| 10        | 5160      | 6         | -7.3     | -7.6     | 0.2      | 0.2      | -4.4               | 30    | -34.4  |
| 10        | 5200      | 6         | 1.4      | 2.6      | 1.4      | 1.8      | 5.1                | 30    | -24.9  |
| 10        | 5245      | 6         | -0.4     | 1.0      | 0.9      | 1.3      | 3.4                | 30    | -26.6  |
| 20        | 5165      | 6         | -9.4     | -9.0     | 0.1      | 0.1      | -6.2               | 30    | -36.2  |
| 20        | 5200      | 6         | 1.4      | 2.3      | 1.4      | 1.7      | 4.9                | 30    | -25.1  |
| 20        | 5240      | 6         | 0.0      | 0.3      | 1.0      | 1.1      | 3.2                | 30    | -26.8  |
| 30        | 5170      | 6         | -9.3     | -9.2     | 0.1      | 0.1      | -6.2               | 30    | -36.2  |
| 30        | 5200      | 6         | 0.8      | 1.6      | 1.2      | 1.4      | 4.2                | 30    | -25.8  |
| 30        | 5235      | 6         | -0.3     | 2.1      | 0.9      | 1.6      | 4.1                | 30    | -25.9  |
| 40        | 5175      | f0        | -8.3     | -9.2     | 0.1      | 0.1      | -5.7               | 30    | -35.7  |
| 40        | 5200      | f0        | -0.9     | -1.2     | 0.8      | 0.8      | 2.0                | 30    | -28.0  |
| 40        | 5230      | f0        | 0.7      | 0.7      | 1.2      | 1.2      | 3.7                | 30    | -26.3  |



**25 dBi PtoP**

| Bandwidth | Frequency | Data Rate | J3 Level | J4 Level | J3 Level | J4 Level | Total Summed Power | Limit | Margin |
|-----------|-----------|-----------|----------|----------|----------|----------|--------------------|-------|--------|
| MHz       | MHz       |           | dBm      | dBm      | mW       | mW       | dBm                | dBm   | dB     |
| 10        | 5160      | 6         | -10.3    | -10.6    | 0.1      | 0.1      | -7.4               | 28    | -35.4  |
| 10        | 5200      | 6         | -1.6     | -0.4     | 0.7      | 0.9      | 2.1                | 28    | -25.9  |
| 10        | 5245      | 6         | -3.4     | -2.0     | 0.5      | 0.6      | 0.4                | 28    | -27.6  |
| 20        | 5165      | 6         | -12.4    | -12.0    | 0.1      | 0.1      | -9.2               | 28    | -37.2  |
| 20        | 5200      | 6         | -1.6     | -0.7     | 0.7      | 0.9      | 1.9                | 28    | -26.1  |
| 20        | 5240      | 6         | -3.0     | -2.7     | 0.5      | 0.5      | 0.2                | 28    | -27.8  |
| 30        | 5170      | 6         | -12.3    | -12.2    | 0.1      | 0.1      | -9.2               | 28    | -37.2  |
| 30        | 5200      | 6         | -2.2     | -1.4     | 0.6      | 0.7      | 1.2                | 28    | -26.8  |
| 30        | 5235      | 6         | -3.3     | -0.9     | 0.5      | 0.8      | 1.1                | 28    | -26.9  |
| 40        | 5175      | f0        | -11.3    | -12.2    | 0.1      | 0.1      | -8.7               | 28    | -36.7  |
| 40        | 5200      | f0        | -3.9     | -4.2     | 0.4      | 0.4      | -1.0               | 28    | -29.0  |
| 40        | 5230      | f0        | -2.3     | -2.3     | 0.6      | 0.6      | 0.7                | 28    | -27.3  |



**29 dBi PtoP**

| Bandwidth | Frequency | Data Rate | J3 Level | J4 Level | J3 Level | J4 Level | Total Summed Power | Limit | Margin |
|-----------|-----------|-----------|----------|----------|----------|----------|--------------------|-------|--------|
| MHz       | MHz       |           | dBm      | dBm      | mW       | mW       | dBm                | dBm   | dB     |
| 10        | 5160      | 6         | -14.3    | -14.6    | 0.0      | 0.0      | -11.4              | 24    | -35.4  |
| 10        | 5200      | 6         | -5.6     | -4.4     | 0.3      | 0.4      | -1.9               | 24    | -25.9  |
| 10        | 5245      | 6         | -7.4     | -6.0     | 0.2      | 0.3      | -3.6               | 24    | -27.6  |
| 20        | 5165      | 6         | -16.4    | -16.0    | 0.0      | 0.0      | -13.2              | 24    | -37.2  |
| 20        | 5200      | 6         | -5.6     | -4.7     | 0.3      | 0.3      | -2.1               | 24    | -26.1  |
| 20        | 5240      | 6         | -7.0     | -6.7     | 0.2      | 0.2      | -3.8               | 24    | -27.8  |
| 30        | 5170      | 6         | -16.3    | -16.2    | 0.0      | 0.0      | -13.2              | 24    | -37.2  |
| 30        | 5200      | 6         | -6.2     | -5.4     | 0.2      | 0.3      | -2.8               | 24    | -26.8  |
| 30        | 5235      | 6         | -7.3     | -4.9     | 0.2      | 0.3      | -2.9               | 24    | -26.9  |
| 40        | 5175      | f0        | -15.3    | -16.2    | 0.0      | 0.0      | -12.7              | 24    | -36.7  |
| 40        | 5200      | f0        | -7.9     | -8.2     | 0.2      | 0.2      | -5.0               | 24    | -29.0  |
| 40        | 5230      | f0        | -6.3     | -6.3     | 0.2      | 0.2      | -3.3               | 24    | -27.3  |