

#### 4. Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.567        |
| NVNT      | a    | 5785            | Ant1    | 16.65         |
| NVNT      | a    | 5825            | Ant1    | 16.666        |
| NVNT      | n20  | 5745            | Ant1    | 18.04         |
| NVNT      | n20  | 5785            | Ant1    | 18.113        |
| NVNT      | n20  | 5825            | Ant1    | 18.074        |
| NVNT      | n40  | 5755            | Ant1    | 36.548        |
| NVNT      | n40  | 5795            | Ant1    | 36.763        |
| NVNT      | ac20 | 5745            | Ant1    | 18.086        |
| NVNT      | ac20 | 5785            | Ant1    | 18.106        |
| NVNT      | ac20 | 5825            | Ant1    | 18.029        |
| NVNT      | ac40 | 5755            | Ant1    | 36.693        |
| NVNT      | ac40 | 5795            | Ant1    | 36.61         |
| NVNT      | ax20 | 5745            | Ant1    | 19.218        |
| NVNT      | ax20 | 5785            | Ant1    | 19.118        |
| NVNT      | ax20 | 5825            | Ant1    | 19.161        |
| NVNT      | ax40 | 5755            | Ant1    | 38.04         |
| NVNT      | ax40 | 5795            | Ant1    | 38.06         |



OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ax20 5745MHz Ant1



OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

## 5. Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total Conducted PSD (dBm) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|---------------------------|----------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -2.79               | 1.06             | -1.73                     | 30                   | Pass    |
| NVNT      | a    | 5785            | Ant1    | 0.11                | 1.34             | 1.45                      | 30                   | Pass    |
| NVNT      | a    | 5825            | Ant1    | 0.04                | 1.08             | 1.12                      | 30                   | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 1.97                | 0.39             | 2.36                      | 30                   | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 1.01                | 0.15             | 1.16                      | 30                   | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 0.02                | 0.24             | 0.26                      | 30                   | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -3.32               | 2.7              | -0.62                     | 30                   | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -2.54               | 2.09             | -0.45                     | 30                   | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 1.08                | 0.31             | 1.39                      | 30                   | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 1.04                | 0.22             | 1.26                      | 30                   | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 0.1                 | 0.24             | 0.34                      | 30                   | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -3.52               | 2.47             | -1.05                     | 30                   | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -3.78               | 3.82             | 0.04                      | 30                   | Pass    |
| NVNT      | ax20 | 5745            | Ant1    | 1.64                | 0.61             | 2.25                      | 30                   | Pass    |
| NVNT      | ax20 | 5785            | Ant1    | -0.84               | 0.27             | -0.56                     | 30                   | Pass    |
| NVNT      | ax20 | 5825            | Ant1    | -0.05               | 0.21             | 0.16                      | 30                   | Pass    |
| NVNT      | ax40 | 5755            | Ant1    | -4.03               | 3.16             | -0.87                     | 30                   | Pass    |
| NVNT      | ax40 | 5795            | Ant1    | -4.51               | 3.59             | -0.92                     | 30                   | Pass    |



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1

## 6. Bandedge

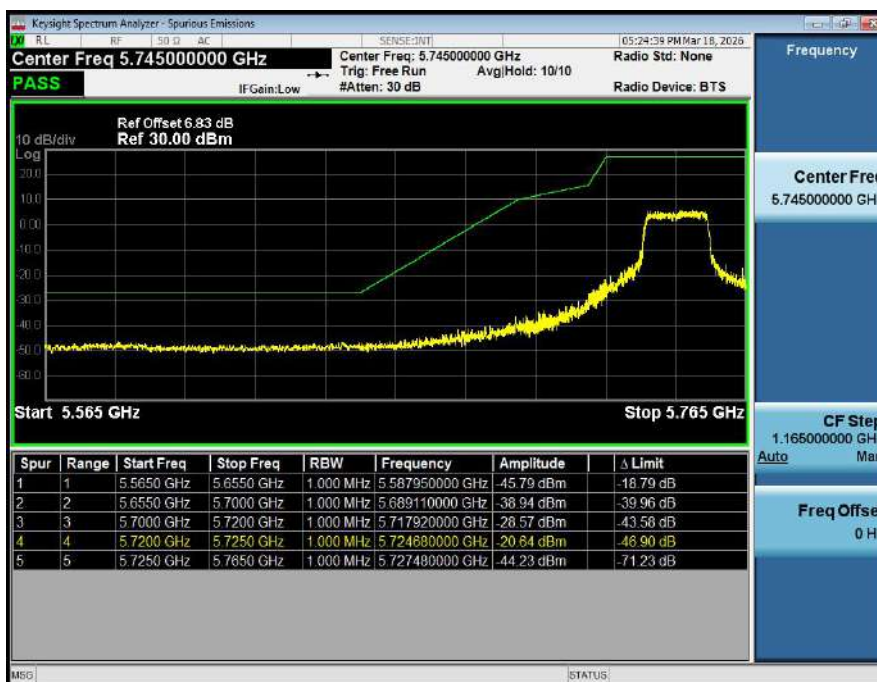
| Condition | Antenna | Modulation      | TX_Frequency<br>(MHz) | Frequency<br>Area(MHz) | Frequency(MHz) | Amplitude(dBm) | Limit(dBm) | Result |
|-----------|---------|-----------------|-----------------------|------------------------|----------------|----------------|------------|--------|
| NVNT      | ANT1    | 802.11a         | LCH                   | 5565-5655              | 5584.890       | -46.25         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                   | 5655-5700              | 5688.885       | -42.02         | 0.86       | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                   | 5700-5720              | 5713.140       | -31.58         | 13.68      | Pass   |
| NVNT      | ANT1    | 802.11a         | LCH                   | 5720-5725              | 5722.965       | -25.53         | 22.36      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                   | 5850-5855              | 5853.395       | -35.79         | 19.26      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                   | 5855-5875              | 5855.040       | -38.24         | 15.59      | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                   | 5875-5920              | 5886.115       | -44.91         | 0.86       | Pass   |
| NVNT      | ANT1    | 802.11a         | HCH                   | 5920-6005              | 5957.825       | -43.69         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                   | 5565-5655              | 5587.950       | -45.79         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                   | 5655-5700              | 5689.110       | -38.94         | 1.05       | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                   | 5700-5720              | 5717.920       | -28.57         | 15.02      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | LCH                   | 5720-5725              | 5724.680       | -20.64         | 26.27      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                   | 5850-5855              | 5852.130       | -30.20         | 22.14      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                   | 5855-5875              | 5865.740       | -35.85         | 12.59      | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                   | 5875-5920              | 5882.245       | -41.60         | 4.04       | Pass   |
| NVNT      | ANT1    | 802.11n(HT20)   | HCH                   | 5920-6005              | 5976.865       | -41.29         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                   | 5565-5655              | 5654.370       | -45.66         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                   | 5655-5700              | 5690.055       | -39.11         | 1.82       | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                   | 5700-5720              | 5712.700       | -29.78         | 13.56      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | LCH                   | 5720-5725              | 5723.525       | -22.88         | 23.64      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                   | 5850-5855              | 5851.985       | -31.50         | 22.47      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                   | 5855-5875              | 5861.260       | -36.04         | 13.85      | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                   | 5875-5920              | 5881.840       | -41.90         | 4.38       | Pass   |
| NVNT      | ANT1    | 802.11ac(VHT20) | HCH                   | 5920-6005              | 5950.770       | -41.33         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | LCH                   | 5565-5655              | 5654.280       | -44.97         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | LCH                   | 5655-5700              | 5691.990       | -37.52         | 3.41       | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | LCH                   | 5700-5720              | 5719.460       | -26.47         | 15.45      | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | LCH                   | 5720-5725              | 5724.735       | -21.10         | 26.40      | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | HCH                   | 5850-5855              | 5854.275       | -33.94         | 17.25      | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | HCH                   | 5855-5875              | 5858.740       | -35.06         | 14.55      | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | HCH                   | 5875-5920              | 5884.315       | -44.43         | 2.34       | Pass   |
| NVNT      | ANT1    | 802.11ax(HE20)  | HCH                   | 5920-6005              | 5928.245       | -42.73         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                   | 5595-5655              | 5651.700       | -42.57         | -27.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                   | 5655-5700              | 5688.435       | -34.22         | 0.49       | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                   | 5700-5720              | 5718.400       | -24.19         | 15.15      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | LCH                   | 5720-5725              | 5721.415       | -23.08         | 18.83      | Pass   |
| NVNT      | ANT1    | 802.11n(HT40)   | HCH                   | 5850-5855              | 5853.635       | -31.21         | 18.71      | Pass   |

Remark: 1. Antenna gain and cable loss have been added to the spectrum for evaluation. The graph only shows the loss corresponding to the main frequency.





Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5745



Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_5825



#### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5745



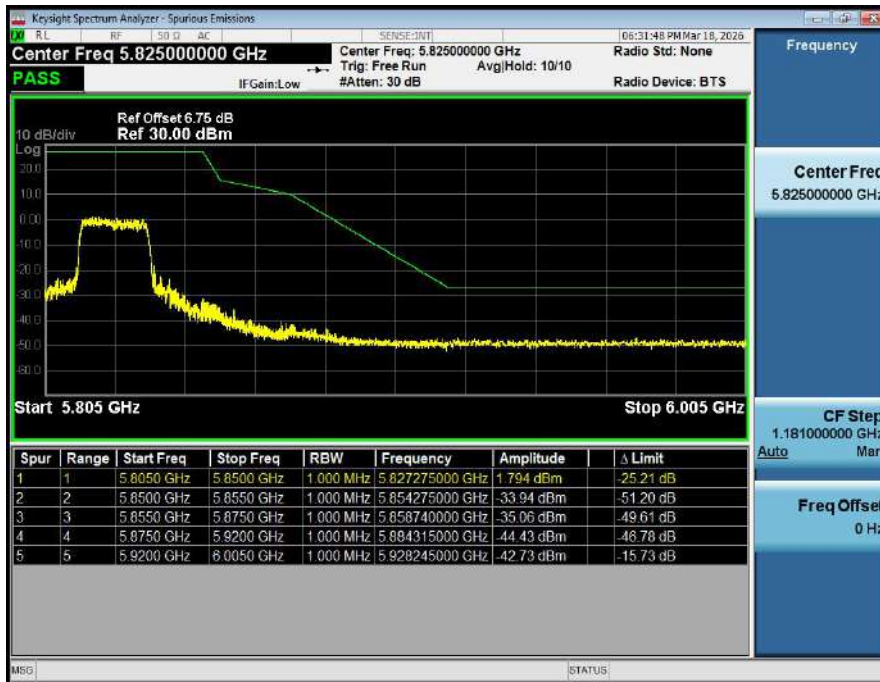
#### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT20)\_5825



#### Bandedge\_NVNT\_ANT1\_802\_11ax(HE20)\_5745



#### Bandedge\_NVNT\_ANT1\_802\_11ax(HE20)\_5825



Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5755



Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_5795



#### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5755



#### Bandedge\_NVNT\_ANT1\_802\_11ac(VHT40)\_5795



#### Bandedge\_NVNT\_ANT1\_802\_11ax(HE40)\_5755



#### Bandedge\_NVNT\_ANT1\_802\_11ax(HE40)\_5795



## 7. Frequency Stability

| Condition          | Antenna | Modulation    | Frequency (MHz) | Fc(MHz)  | Fl(MHz)  | Fh(MHz)  | Limit(MHz) | Result |
|--------------------|---------|---------------|-----------------|----------|----------|----------|------------|--------|
| 55degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5744.986 | 5735.988 | 5753.984 | 5725~5850  | Pass   |
| 45degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5744.974 | 5736.508 | 5753.440 | 5725~5850  | Pass   |
| 35degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5745.010 | 5736.704 | 5753.316 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5744.994 | 5736.800 | 5753.188 | 5725~5850  | Pass   |
| 15degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5745.012 | 5736.856 | 5753.168 | 5725~5850  | Pass   |
| 5degrees C&&120V   | ANT1    | 802.11a       | 5745.00         | 5745.010 | 5736.900 | 5753.120 | 5725~5850  | Pass   |
| -5degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5744.988 | 5736.948 | 5753.028 | 5725~5850  | Pass   |
| -15degrees C&&120V | ANT1    | 802.11a       | 5745.00         | 5745.006 | 5736.992 | 5753.020 | 5725~5850  | Pass   |
| 25degrees C&&138V  | ANT1    | 802.11a       | 5745.00         | 5745.000 | 5737.040 | 5752.960 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5745.00         | 5744.996 | 5737.084 | 5752.908 | 5725~5850  | Pass   |
| 25degrees C&&102V  | ANT1    | 802.11a       | 5745.00         | 5744.980 | 5737.128 | 5752.832 | 5725~5850  | Pass   |
| 55degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.852 | 5775.652 | 5794.052 | 5725~5850  | Pass   |
| 45degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.926 | 5776.460 | 5793.392 | 5725~5850  | Pass   |
| 35degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.954 | 5776.664 | 5793.244 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.986 | 5776.764 | 5793.208 | 5725~5850  | Pass   |
| 15degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.988 | 5776.844 | 5793.132 | 5725~5850  | Pass   |
| 5degrees C&&120V   | ANT1    | 802.11a       | 5785.00         | 5784.982 | 5776.892 | 5793.072 | 5725~5850  | Pass   |
| -5degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.988 | 5776.944 | 5793.032 | 5725~5850  | Pass   |
| -15degrees C&&120V | ANT1    | 802.11a       | 5785.00         | 5784.970 | 5776.976 | 5792.964 | 5725~5850  | Pass   |
| 25degrees C&&138V  | ANT1    | 802.11a       | 5785.00         | 5784.976 | 5777.012 | 5792.940 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5785.00         | 5784.954 | 5777.032 | 5792.876 | 5725~5850  | Pass   |
| 25degrees C&&102V  | ANT1    | 802.11a       | 5785.00         | 5784.954 | 5777.056 | 5792.852 | 5725~5850  | Pass   |
| 55degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.260 | 5812.712 | 5835.808 | 5725~5850  | Pass   |
| 45degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.820 | 5815.332 | 5834.308 | 5725~5850  | Pass   |
| 35degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.956 | 5815.912 | 5834.000 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.994 | 5816.084 | 5833.904 | 5725~5850  | Pass   |
| 15degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.998 | 5816.192 | 5833.804 | 5725~5850  | Pass   |
| 5degrees C&&120V   | ANT1    | 802.11a       | 5825.00         | 5824.998 | 5816.264 | 5833.732 | 5725~5850  | Pass   |
| -5degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.994 | 5816.324 | 5833.664 | 5725~5850  | Pass   |
| -15degrees C&&120V | ANT1    | 802.11a       | 5825.00         | 5824.998 | 5816.384 | 5833.612 | 5725~5850  | Pass   |
| 25degrees C&&138V  | ANT1    | 802.11a       | 5825.00         | 5824.984 | 5816.428 | 5833.540 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11a       | 5825.00         | 5824.980 | 5816.484 | 5833.476 | 5725~5850  | Pass   |
| 25degrees C&&102V  | ANT1    | 802.11a       | 5825.00         | 5824.988 | 5816.540 | 5833.436 | 5725~5850  | Pass   |
| 55degrees C&&120V  | ANT1    | 802.11n(HT20) | 5745.00         | 5744.954 | 5733.328 | 5756.580 | 5725~5850  | Pass   |
| 45degrees C&&120V  | ANT1    | 802.11n(HT20) | 5745.00         | 5744.912 | 5735.332 | 5754.492 | 5725~5850  | Pass   |
| 35degrees C&&120V  | ANT1    | 802.11n(HT20) | 5745.00         | 5744.992 | 5735.896 | 5754.088 | 5725~5850  | Pass   |
| 25degrees C&&120V  | ANT1    | 802.11n(HT20) | 5745.00         | 5744.998 | 5736.076 | 5753.920 | 5725~5850  | Pass   |

|                    |      |                 |         |          |          |          |           |      |
|--------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 15degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5745.00 | 5745.016 | 5736.196 | 5753.836 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11n(HT20)   | 5745.00 | 5744.998 | 5736.264 | 5753.732 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5745.00 | 5745.008 | 5736.328 | 5753.688 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11n(HT20)   | 5745.00 | 5745.004 | 5736.376 | 5753.632 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11n(HT20)   | 5745.00 | 5744.992 | 5736.424 | 5753.560 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5745.00 | 5745.000 | 5736.460 | 5753.540 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11n(HT20)   | 5745.00 | 5744.970 | 5736.512 | 5753.428 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.528 | 5772.620 | 5796.436 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.714 | 5775.076 | 5794.352 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.936 | 5775.824 | 5794.048 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.934 | 5776.024 | 5793.844 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.968 | 5776.152 | 5793.784 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.972 | 5776.232 | 5793.712 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.974 | 5776.296 | 5793.652 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.962 | 5776.340 | 5793.584 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.964 | 5776.400 | 5793.528 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.924 | 5776.444 | 5793.404 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11n(HT20)   | 5785.00 | 5784.966 | 5776.500 | 5793.432 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.526 | 5813.140 | 5835.912 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.824 | 5815.400 | 5834.248 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.972 | 5815.912 | 5834.032 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.982 | 5816.096 | 5833.868 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.996 | 5816.208 | 5833.784 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.994 | 5816.280 | 5833.708 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5825.000 | 5816.340 | 5833.660 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.994 | 5816.392 | 5833.596 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.996 | 5816.444 | 5833.548 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.992 | 5816.496 | 5833.488 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11n(HT20)   | 5825.00 | 5824.986 | 5816.556 | 5833.416 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.118 | 5733.668 | 5756.568 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.008 | 5735.424 | 5754.592 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.000 | 5735.952 | 5754.048 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.012 | 5736.096 | 5753.928 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.020 | 5736.212 | 5753.828 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.022 | 5736.284 | 5753.760 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.012 | 5736.348 | 5753.676 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.022 | 5736.396 | 5753.648 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.010 | 5736.452 | 5753.568 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5744.980 | 5736.496 | 5753.464 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ac(VHT20) | 5745.00 | 5745.004 | 5736.552 | 5753.456 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.654 | 5772.940 | 5796.368 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.674 | 5775.072 | 5794.276 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.922 | 5775.840 | 5794.004 | 5725~5850 | Pass |

|                    |      |                 |         |          |          |          |           |      |
|--------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.934 | 5776.020 | 5793.848 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.968 | 5776.164 | 5793.772 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.966 | 5776.236 | 5793.696 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.972 | 5776.296 | 5793.648 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.954 | 5776.336 | 5793.572 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.956 | 5776.388 | 5793.524 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.940 | 5776.432 | 5793.448 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ac(VHT20) | 5785.00 | 5784.952 | 5776.480 | 5793.424 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.376 | 5813.084 | 5835.668 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.898 | 5815.492 | 5834.304 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.976 | 5815.936 | 5834.016 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.988 | 5816.100 | 5833.876 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.000 | 5816.212 | 5833.788 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.998 | 5816.280 | 5833.716 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.998 | 5816.336 | 5833.660 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.002 | 5816.400 | 5833.604 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.004 | 5816.448 | 5833.560 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5825.002 | 5816.496 | 5833.508 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ac(VHT20) | 5825.00 | 5824.982 | 5816.544 | 5833.420 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.680 | 5733.020 | 5756.340 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.970 | 5735.124 | 5754.816 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.996 | 5735.400 | 5754.592 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.980 | 5735.504 | 5754.456 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5745.004 | 5735.572 | 5754.436 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.982 | 5735.616 | 5754.348 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.988 | 5735.680 | 5754.296 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.986 | 5735.736 | 5754.236 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.988 | 5735.796 | 5754.180 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.984 | 5735.844 | 5754.124 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ax(HE20)  | 5745.00 | 5744.998 | 5735.888 | 5754.108 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.596 | 5771.256 | 5797.936 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.844 | 5774.372 | 5795.316 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.992 | 5775.268 | 5794.716 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.962 | 5775.392 | 5794.532 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.978 | 5775.476 | 5794.480 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.972 | 5775.548 | 5794.396 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.980 | 5775.596 | 5794.364 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.974 | 5775.660 | 5794.288 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.964 | 5775.728 | 5794.200 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.988 | 5775.780 | 5794.196 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ax(HE20)  | 5785.00 | 5784.964 | 5775.828 | 5794.100 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.070 | 5814.832 | 5835.308 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.014 | 5815.304 | 5834.724 | 5725~5850 | Pass |

|                    |      |                 |         |          |          |          |           |      |
|--------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 35degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.032 | 5815.480 | 5834.584 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.018 | 5815.552 | 5834.484 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.022 | 5815.612 | 5834.432 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.036 | 5815.672 | 5834.400 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.036 | 5815.736 | 5834.336 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.004 | 5815.772 | 5834.236 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.020 | 5815.808 | 5834.232 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.018 | 5815.848 | 5834.188 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ax(HE20)  | 5825.00 | 5825.008 | 5815.892 | 5834.124 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.904 | 5735.192 | 5774.616 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.948 | 5736.624 | 5773.272 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.948 | 5736.768 | 5773.128 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.968 | 5736.872 | 5773.064 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.964 | 5736.960 | 5772.968 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.992 | 5737.032 | 5772.952 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.964 | 5737.080 | 5772.848 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.932 | 5737.128 | 5772.736 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.880 | 5737.192 | 5772.568 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.868 | 5737.240 | 5772.496 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11n(HT40)   | 5755.00 | 5754.848 | 5737.312 | 5772.384 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5794.716 | 5775.456 | 5813.976 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5794.984 | 5776.696 | 5813.272 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5794.996 | 5776.872 | 5813.120 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5794.960 | 5776.968 | 5812.952 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.020 | 5777.104 | 5812.936 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11n(HT40)   | 5795.00 | 5794.980 | 5777.192 | 5812.768 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.024 | 5777.304 | 5812.744 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.036 | 5777.432 | 5812.640 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.024 | 5777.504 | 5812.544 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.076 | 5777.552 | 5812.600 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11n(HT40)   | 5795.00 | 5795.080 | 5777.608 | 5812.552 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.860 | 5735.080 | 5774.640 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.972 | 5736.680 | 5773.264 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.988 | 5736.848 | 5773.128 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.996 | 5736.960 | 5773.032 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.024 | 5737.056 | 5772.992 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.020 | 5737.136 | 5772.904 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.960 | 5737.200 | 5772.720 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.984 | 5737.280 | 5772.688 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.008 | 5737.400 | 5772.616 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5755.004 | 5737.472 | 5772.536 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ac(VHT40) | 5755.00 | 5754.900 | 5737.528 | 5772.272 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.176 | 5776.360 | 5813.992 | 5725~5850 | Pass |

|                    |      |                 |         |          |          |          |           |      |
|--------------------|------|-----------------|---------|----------|----------|----------|-----------|------|
| 45degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.024 | 5776.728 | 5813.320 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.064 | 5776.904 | 5813.224 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.028 | 5776.992 | 5813.064 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5794.952 | 5777.064 | 5812.840 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.036 | 5777.128 | 5812.944 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5794.972 | 5777.192 | 5812.752 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ac(VHT40) | 5795.00 | 5794.960 | 5777.264 | 5812.656 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5795.004 | 5777.416 | 5812.592 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5794.996 | 5777.496 | 5812.496 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ac(VHT40) | 5795.00 | 5794.952 | 5777.568 | 5812.336 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5754.976 | 5734.776 | 5775.176 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.000 | 5735.952 | 5774.048 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.072 | 5736.136 | 5774.008 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.016 | 5736.216 | 5773.816 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.052 | 5736.296 | 5773.808 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.012 | 5736.360 | 5773.664 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5755.004 | 5736.448 | 5773.560 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ax(HE40)  | 5755.00 | 5754.996 | 5736.520 | 5773.472 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5754.952 | 5736.592 | 5773.312 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5754.980 | 5736.672 | 5773.288 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ax(HE40)  | 5755.00 | 5754.916 | 5736.760 | 5773.072 | 5725~5850 | Pass |
| 55degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5794.240 | 5774.056 | 5814.424 | 5725~5850 | Pass |
| 45degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.000 | 5775.976 | 5814.024 | 5725~5850 | Pass |
| 35degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.040 | 5776.088 | 5813.992 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5794.948 | 5776.176 | 5813.720 | 5725~5850 | Pass |
| 15degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.012 | 5776.288 | 5813.736 | 5725~5850 | Pass |
| 5degrees C&&120V   | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.048 | 5776.352 | 5813.744 | 5725~5850 | Pass |
| -5degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.004 | 5776.432 | 5813.576 | 5725~5850 | Pass |
| -15degrees C&&120V | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.068 | 5776.576 | 5813.560 | 5725~5850 | Pass |
| 25degrees C&&138V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.036 | 5776.736 | 5813.336 | 5725~5850 | Pass |
| 25degrees C&&120V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5794.908 | 5776.864 | 5812.952 | 5725~5850 | Pass |
| 25degrees C&&102V  | ANT1 | 802.11ax(HE40)  | 5795.00 | 5795.036 | 5776.976 | 5813.096 | 5725~5850 | Pass |