

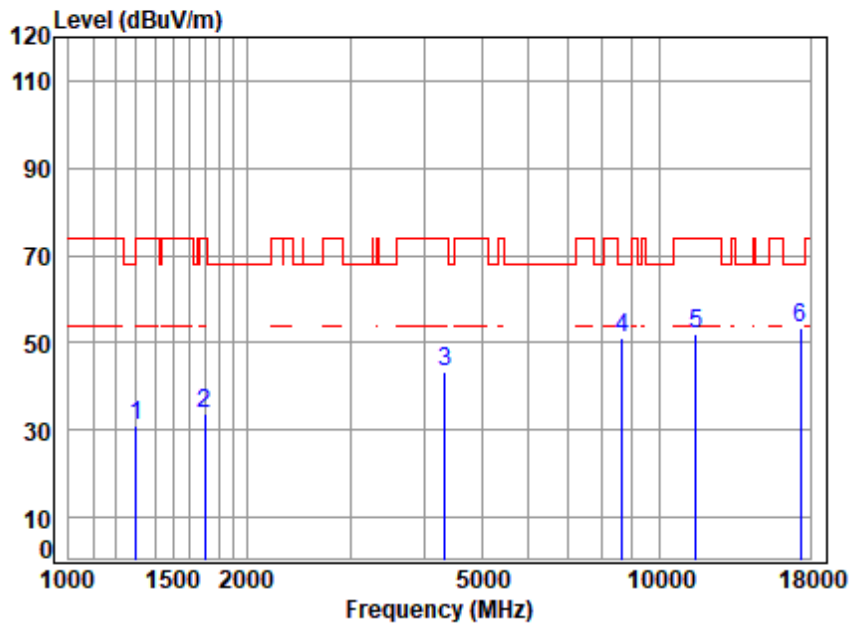
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 22; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 5775 TX RSE  
Note : 5G WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1300.858  | 3.76       | 24.70      | 37.41         | 40.19      | 31.24  | 74.00      | -42.76     | peak   |
| 2 | 1697.129  | 4.33       | 26.79      | 36.41         | 39.09      | 33.80  | 74.00      | -40.20     | peak   |
| 3 | 4329.354  | 7.01       | 33.60      | 34.56         | 37.21      | 43.26  | 74.00      | -30.74     | peak   |
| 4 | 8638.399  | 11.29      | 36.60      | 35.71         | 38.71      | 50.89  | 68.20      | -17.31     | peak   |
| 5 | 11550.000 | 13.01      | 38.00      | 36.33         | 37.39      | 52.07  | 74.00      | -21.93     | peak   |
| 6 | 17325.000 | 14.76      | 43.43      | 37.45         | 32.80      | 53.54  | 68.20      | -14.66     | peak   |

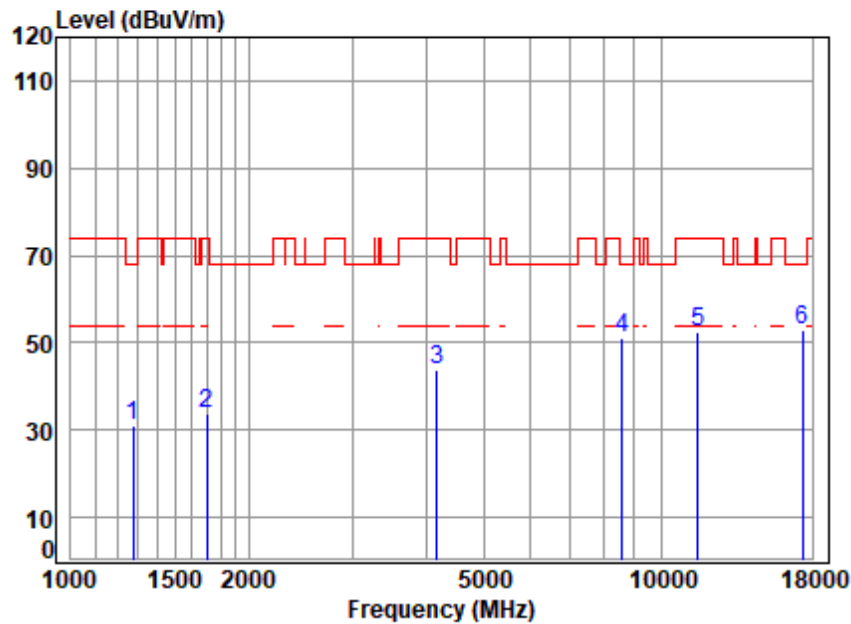


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Test Mode: 22; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 5775 TX RSE  
Note : 5G WIFI 11AX80

|   | Freq       | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|------------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz        | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1274.802   | 3.71       | 24.60      | 37.49         | 40.34      | 31.16  | 68.20      | -37.04     | peak   |
| 2 | 1697.129   | 4.33       | 26.79      | 36.41         | 39.08      | 33.79  | 74.00      | -40.21     | peak   |
| 3 | 4169.698   | 6.90       | 33.22      | 34.45         | 37.94      | 43.61  | 74.00      | -30.39     | peak   |
| 4 | 8588.607   | 11.20      | 36.58      | 35.73         | 39.18      | 51.23  | 68.20      | -16.97     | peak   |
| 5 | 11550.000  | 13.01      | 38.00      | 36.33         | 37.67      | 52.35  | 74.00      | -21.65     | peak   |
| 6 | q17325.000 | 14.76      | 43.43      | 37.45         | 32.16      | 52.90  | 68.20      | -15.30     | peak   |



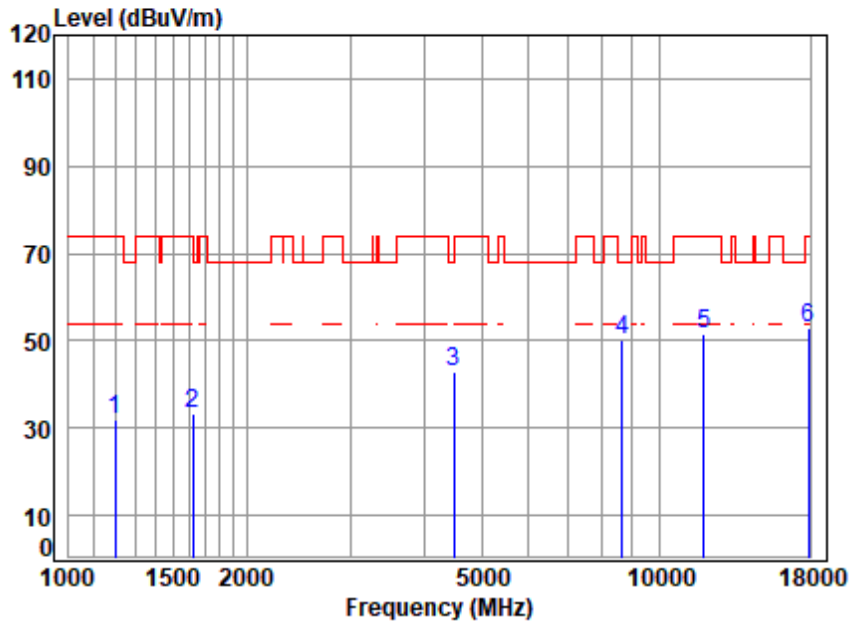
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 5955 TX RSE  
Note : 6E WIFI 11AX20

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1196.264  | 3.58  | 24.39  | 37.73  | 41.73 | 31.97  | 74.00  | -42.03 | peak   |
| 2   | 1620.431  | 4.23  | 26.58  | 36.58  | 39.29 | 33.52  | 74.00  | -40.48 | peak   |
| 3   | 4482.150  | 7.11  | 33.50  | 34.66  | 37.14 | 43.09  | 68.20  | -25.11 | peak   |
| 4 q | 8663.404  | 11.33 | 36.63  | 35.69  | 37.89 | 50.16  | 68.20  | -18.04 | peak   |
| 5   | 11910.000 | 13.07 | 38.09  | 36.53  | 36.70 | 51.33  | 74.00  | -22.67 | peak   |
| 6   | 17865.000 | 15.07 | 44.17  | 37.40  | 30.93 | 52.77  | 74.00  | -21.23 | peak   |



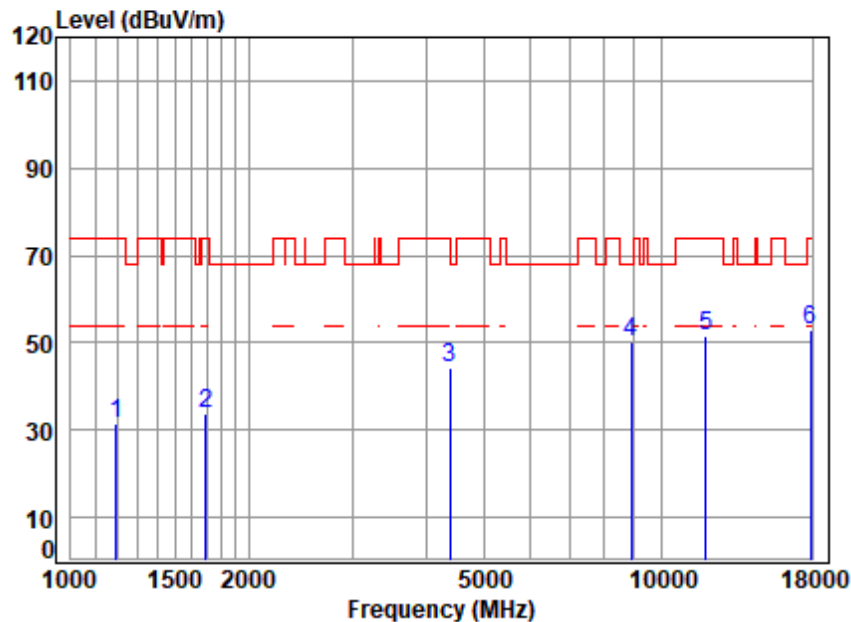
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 5955 TX RSE  
Note : 6E WIFI 11AX20

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1192.811  | 3.57  | 24.37  | 37.74  | 41.24 | 31.44  | 74.00  | -42.56 | peak   |
| 2   | 1692.231  | 4.32  | 26.78  | 36.42  | 39.27 | 33.95  | 74.00  | -40.05 | peak   |
| 3   | 4379.699  | 7.04  | 33.54  | 34.59  | 38.23 | 44.22  | 74.00  | -29.78 | peak   |
| 4 q | 8891.725  | 11.73 | 36.70  | 35.56  | 37.30 | 50.17  | 68.20  | -18.03 | peak   |
| 5   | 11910.000 | 13.07 | 38.09  | 36.53  | 36.74 | 51.37  | 74.00  | -22.63 | peak   |
| 6   | 17865.000 | 15.07 | 44.17  | 37.40  | 31.28 | 53.12  | 74.00  | -20.88 | peak   |





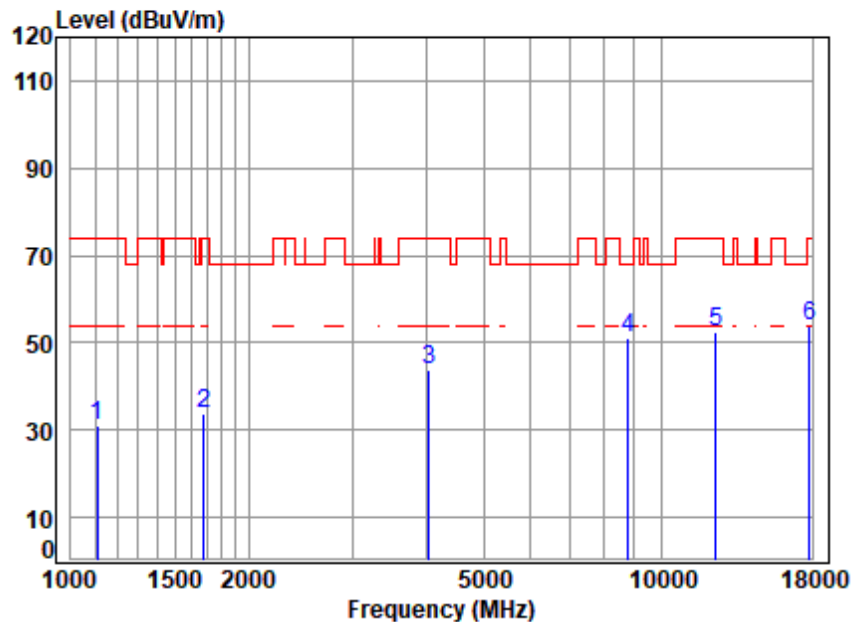
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6175 TX RSE  
Note : 6E WIFI 11AX20

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1109.660  | 3.41  | 24.04  | 38.01  | 41.69 | 31.13  | 74.00  | -42.87 | peak   |
| 2   | 1682.477  | 4.31  | 26.77  | 36.44  | 39.14 | 33.78  | 74.00  | -40.22 | peak   |
| 3   | 4039.212  | 6.81  | 32.86  | 34.36  | 38.28 | 43.59  | 74.00  | -30.41 | peak   |
| 4 q | 8789.516  | 11.55 | 36.70  | 35.62  | 38.50 | 51.13  | 68.20  | -17.07 | peak   |
| 5   | 12350.000 | 13.26 | 38.05  | 36.93  | 37.89 | 52.27  | 74.00  | -21.73 | peak   |
| 6   | 17793.090 | 15.03 | 44.09  | 37.41  | 32.01 | 53.72  | 74.00  | -20.28 | peak   |



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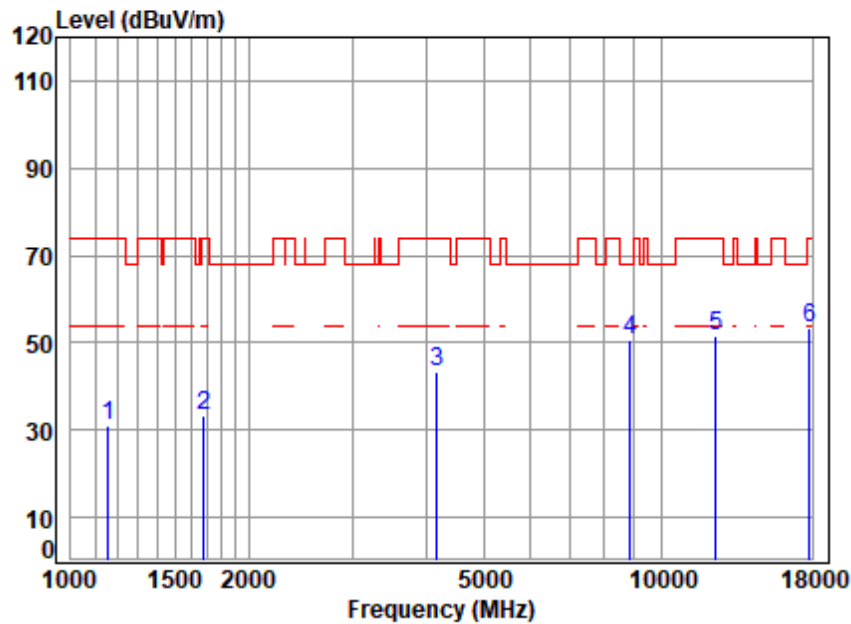
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6175 TX RSE  
Note : 6E WIFI 11AX20

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|--------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB         |        |
| 1   | 1158.828  | 3.51       | 24.24      | 37.84         | 41.32      | 31.23  | 74.00  | -42.77     | peak   |
| 2   | 1682.477  | 4.31       | 26.77      | 36.44         | 38.84      | 33.48  | 74.00  | -40.52     | peak   |
| 3   | 4169.698  | 6.90       | 33.22      | 34.45         | 37.76      | 43.43  | 74.00  | -30.57     | peak   |
| 4 q | 8840.473  | 11.64      | 36.70      | 35.59         | 38.10      | 50.85  | 68.20  | -17.35     | peak   |
| 5   | 12350.000 | 13.26      | 38.05      | 36.93         | 37.20      | 51.58  | 74.00  | -22.42     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.48      | 53.28  | 74.00  | -20.72     | peak   |



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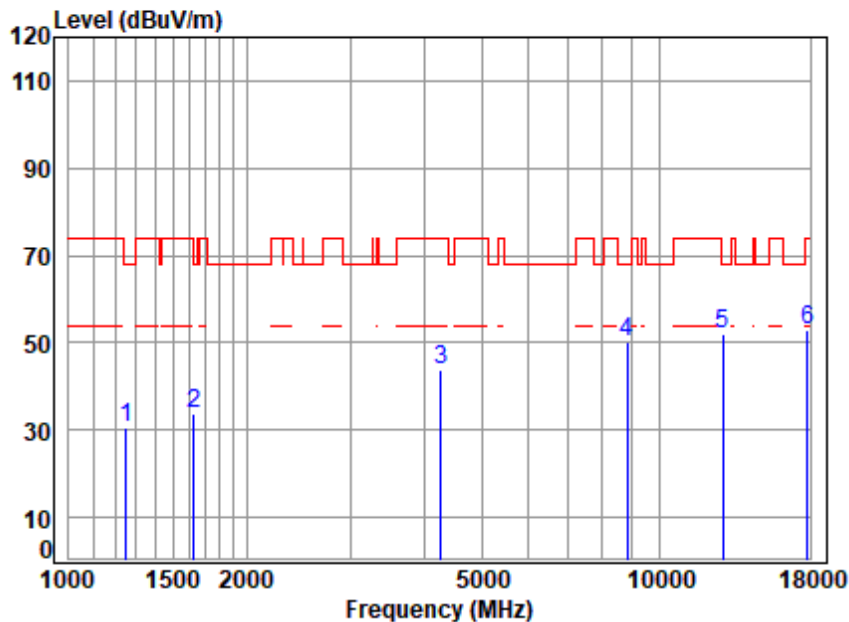
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6395 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1249.269  | 3.67  | 24.50  | 37.56  | 40.15 | 30.76  | 68.20  | -37.44 | peak   |
| 2 | 1629.825  | 4.24  | 26.62  | 36.56  | 39.53 | 33.83  | 68.20  | -34.37 | peak   |
| 3 | 4267.237  | 6.97  | 33.60  | 34.52  | 37.92 | 43.97  | 74.00  | -30.03 | peak   |
| 4 | 8814.957  | 11.60 | 36.70  | 35.60  | 37.55 | 50.25  | 68.20  | -17.95 | peak   |
| 5 | 12790.000 | 13.46 | 38.20  | 37.36  | 37.76 | 52.06  | 68.20  | -16.14 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.19 | 52.99  | 74.00  | -21.01 | peak   |

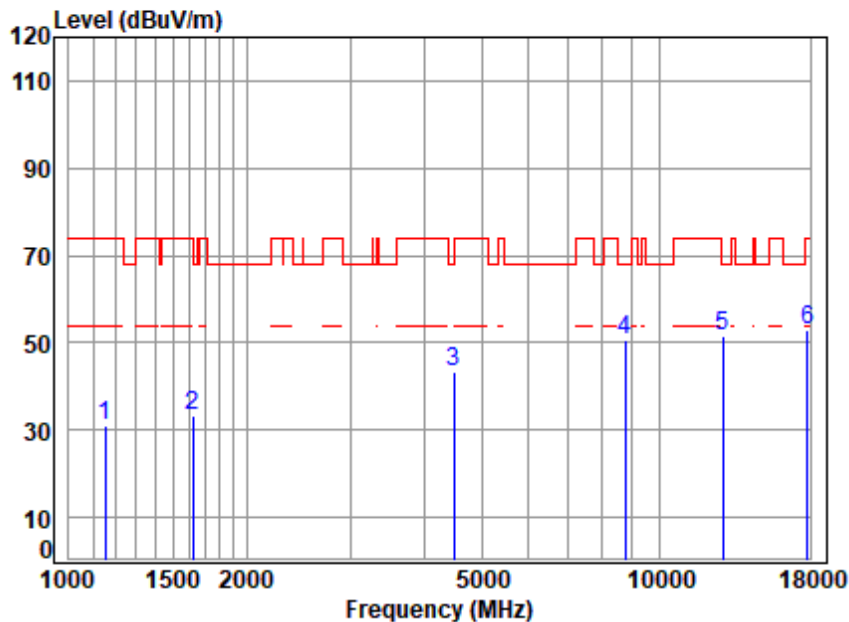


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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



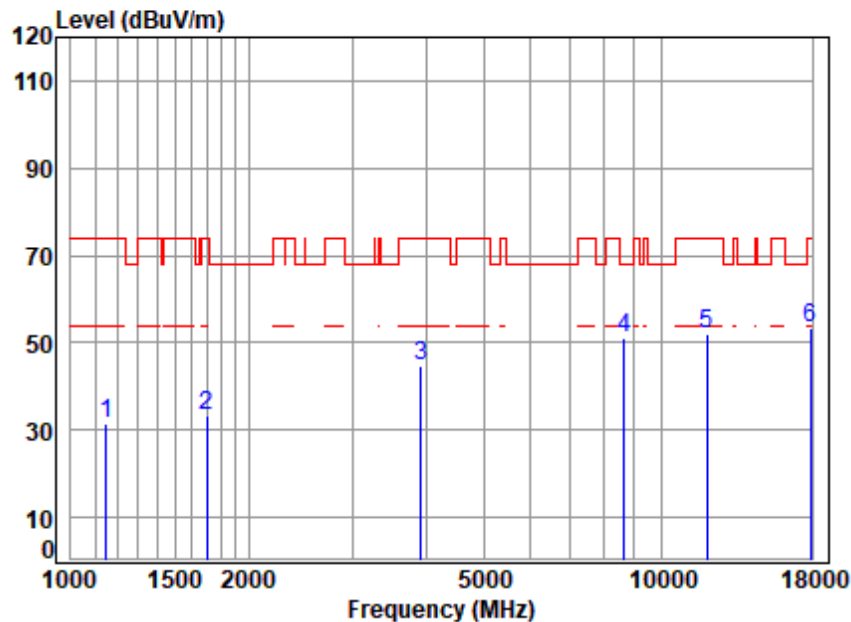
Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6395 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1152.148  | 3.49  | 24.21  | 37.87  | 41.06 | 30.89  | 74.00  | -43.11 | peak   |
| 2 | 1625.121  | 4.23  | 26.60  | 36.57  | 39.18 | 33.44  | 74.00  | -40.56 | peak   |
| 3 | 4495.125  | 7.12  | 33.50  | 34.67  | 37.46 | 43.41  | 68.20  | -24.79 | peak   |
| 4 | 8764.146  | 11.51 | 36.70  | 35.63  | 37.87 | 50.45  | 68.20  | -17.75 | peak   |
| 5 | 12790.000 | 13.46 | 38.20  | 37.36  | 37.25 | 51.55  | 68.20  | -16.65 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.12 | 52.92  | 74.00  | -21.08 | peak   |





Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low

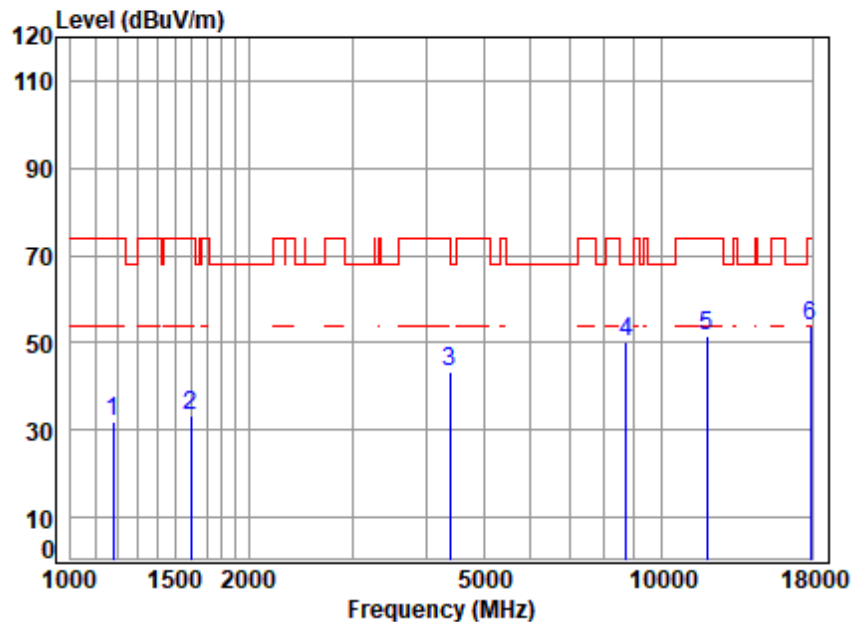


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 5965 TX RSE  
Note : 6E WIFI 11AX40

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1148.823  | 3.49  | 24.20  | 37.88  | 41.90 | 31.71  | 74.00  | -42.29 | peak   |
| 2   | 1697.129  | 4.33  | 26.79  | 36.41  | 38.78 | 33.49  | 74.00  | -40.51 | peak   |
| 3   | 3924.135  | 6.70  | 32.60  | 34.40  | 39.79 | 44.69  | 74.00  | -29.31 | peak   |
| 4 q | 8663.404  | 11.33 | 36.63  | 35.69  | 38.78 | 51.05  | 68.20  | -17.15 | peak   |
| 5   | 11930.000 | 13.08 | 38.07  | 36.54  | 37.57 | 52.18  | 74.00  | -21.82 | peak   |
| 6   | 17895.000 | 15.09 | 44.20  | 37.40  | 31.36 | 53.25  | 74.00  | -20.75 | peak   |



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low

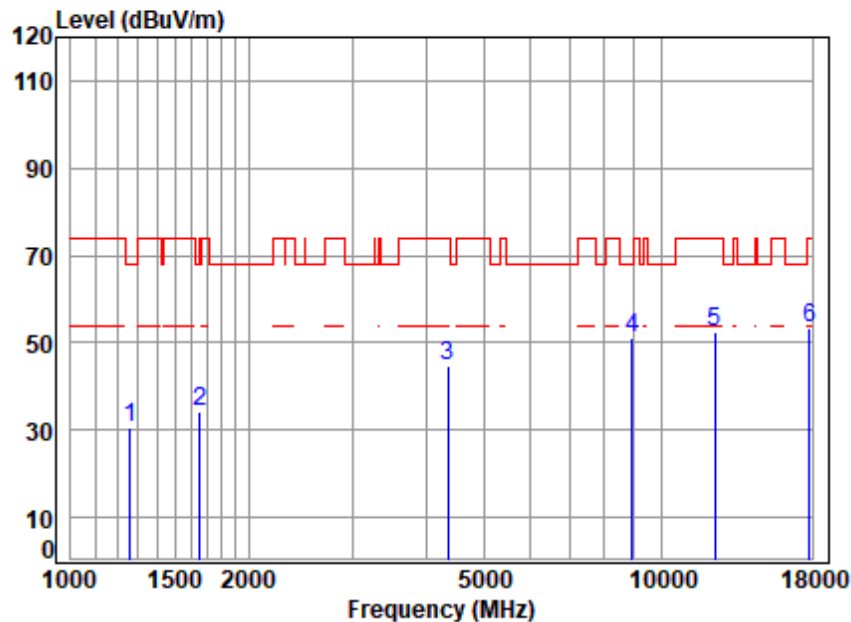


Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 5965 TX RSE  
Note : 6E WIFI 11AX40

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1179.100  | 3.54       | 24.32      | 37.78         | 41.86      | 31.94  | 74.00      | -42.06     | peak   |
| 2   | 1597.181  | 4.20       | 26.47      | 36.64         | 39.21      | 33.24  | 74.00      | -40.76     | peak   |
| 3   | 4379.699  | 7.04       | 33.54      | 34.59         | 37.14      | 43.13  | 74.00      | -30.87     | peak   |
| 4 q | 8713.630  | 11.42      | 36.70      | 35.66         | 37.76      | 50.22  | 68.20      | -17.98     | peak   |
| 5   | 11930.000 | 13.08      | 38.07      | 36.54         | 37.13      | 51.74  | 74.00      | -22.26     | peak   |
| 6   | 17895.000 | 15.09      | 44.20      | 37.40         | 31.73      | 53.62  | 74.00      | -20.38     | peak   |



Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle

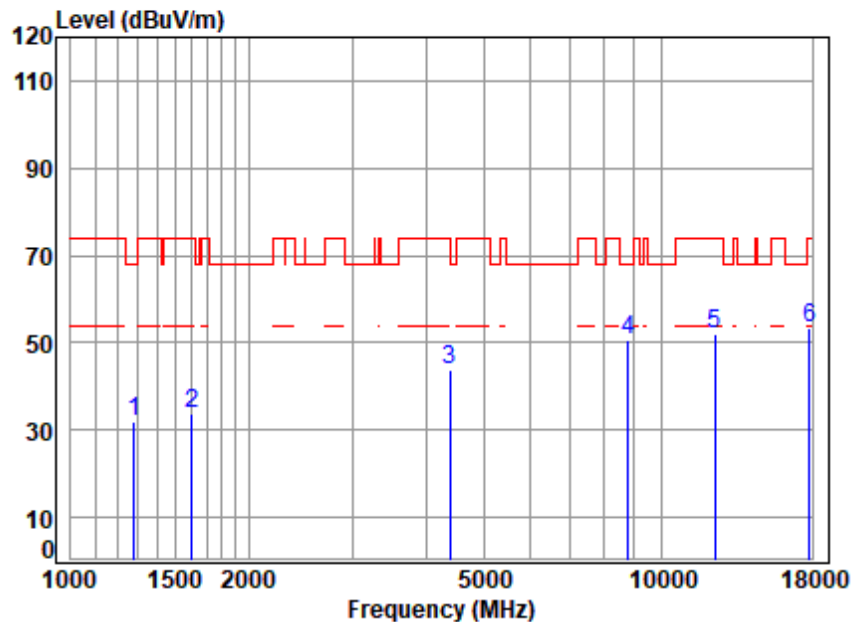


Site : chamber  
 Condition: 3m HORIZONTAL  
 Job No : 02593AT/02594AT  
 Mode : 6165 TX RSE  
 Note : 6E WIFI 11AX40

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1260.149  | 3.69       | 24.54      | 37.53         | 39.97      | 30.67  | 68.20      | -37.53     | peak   |
| 2   | 1653.550  | 4.27       | 26.71      | 36.51         | 39.89      | 34.36  | 68.20      | -33.84     | peak   |
| 3   | 4354.454  | 7.03       | 33.59      | 34.58         | 38.69      | 44.73  | 74.00      | -29.27     | peak   |
| 4 q | 8917.462  | 11.78      | 36.70      | 35.55         | 38.09      | 51.02  | 68.20      | -17.18     | peak   |
| 5   | 12330.000 | 13.25      | 38.03      | 36.91         | 37.89      | 52.26  | 74.00      | -21.74     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.36      | 53.16  | 74.00      | -20.84     | peak   |



Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6165 TX RSE  
 Note : 6E WIFI 11AX40

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1278.492  | 3.72       | 24.61      | 37.47         | 41.05      | 31.91  | 68.20      | -36.29     | peak   |
| 2   | 1601.804  | 4.20       | 26.51      | 36.63         | 39.60      | 33.68  | 74.00      | -40.32     | peak   |
| 3   | 4379.699  | 7.04       | 33.54      | 34.59         | 37.63      | 43.62  | 74.00      | -30.38     | peak   |
| 4 q | 8789.516  | 11.55      | 36.70      | 35.62         | 38.12      | 50.75  | 68.20      | -17.45     | peak   |
| 5   | 12330.000 | 13.25      | 38.03      | 36.91         | 37.78      | 52.15  | 74.00      | -21.85     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.69      | 53.49  | 74.00      | -20.51     | peak   |





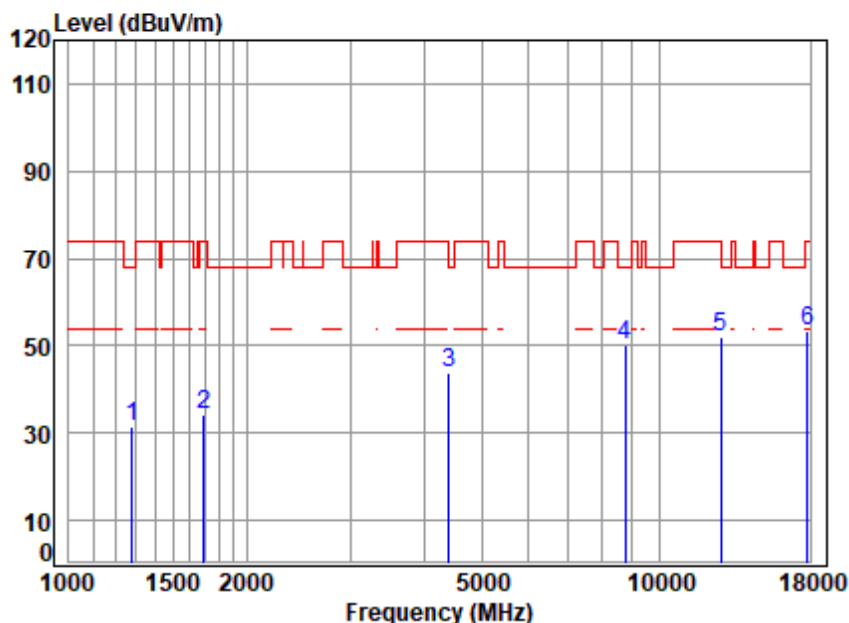
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
 Condition: 3m HORIZONTAL  
 Job No : 02593AT/02594AT  
 Mode : 6365 TX RSE  
 Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1278.492  | 3.72       | 24.61      | 37.47         | 40.69      | 31.55  | 68.20      | -36.65     | peak   |
| 2 | 1692.231  | 4.32       | 26.78      | 36.42         | 39.50      | 34.18  | 74.00      | -39.82     | peak   |
| 3 | 4405.090  | 7.06       | 33.50      | 34.61         | 37.67      | 43.62  | 68.20      | -24.58     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.85      | 50.36  | 68.20      | -17.84     | peak   |
| 5 | 12730.000 | 13.43      | 38.20      | 37.30         | 37.47      | 51.80  | 68.20      | -16.40     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.70      | 53.41  | 74.00      | -20.59     | peak   |



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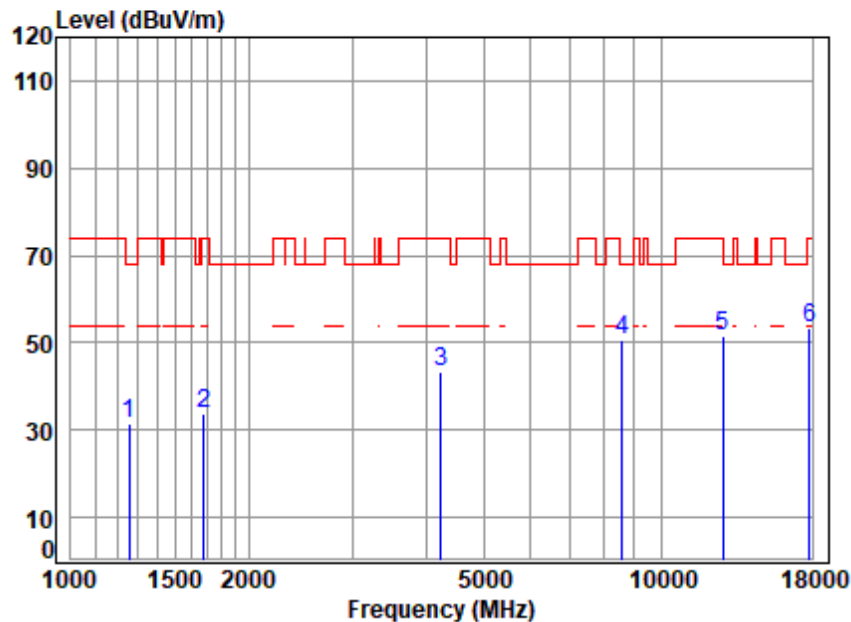
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6365 TX RSE  
Note : 6E WIFI 11AX40

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1256.512  | 3.68  | 24.53  | 37.54  | 40.73 | 31.40  | 68.20  | -36.80 | peak   |
| 2 | 1677.621  | 4.30  | 26.76  | 36.45  | 38.99 | 33.60  | 74.00  | -40.40 | peak   |
| 3 | 4230.396  | 6.94  | 33.52  | 34.49  | 37.50 | 43.47  | 74.00  | -30.53 | peak   |
| 4 | 8588.607  | 11.20 | 36.58  | 35.73  | 38.64 | 50.69  | 68.20  | -17.51 | peak   |
| 5 | 12730.000 | 13.43 | 38.20  | 37.30  | 37.07 | 51.40  | 68.20  | -16.80 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.36 | 53.16  | 74.00  | -20.84 | peak   |



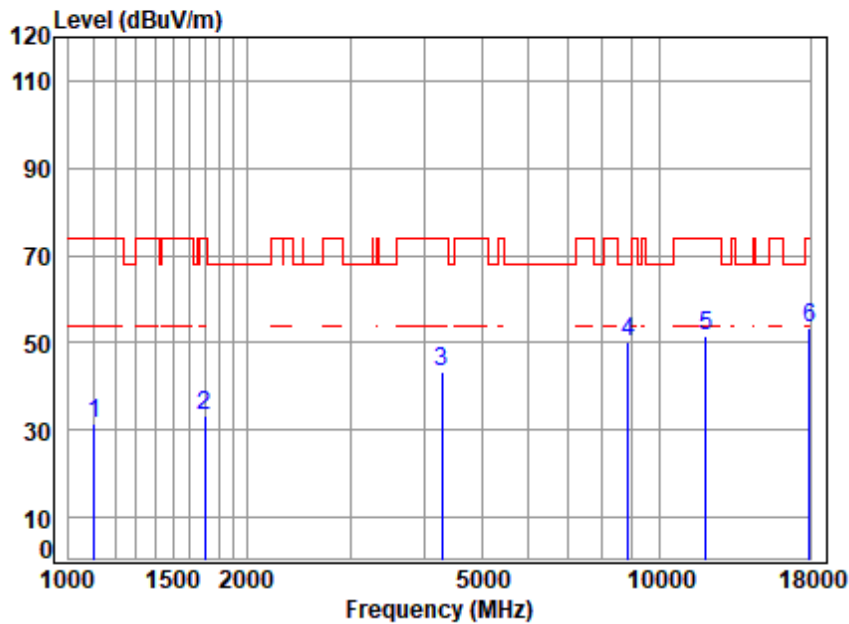
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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 5985 TX RSE  
Note : 6E WIFI 11AX80

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1106.457  | 3.41       | 24.03      | 38.02         | 41.94      | 31.36  | 74.00      | -42.64     | peak   |
| 2   | 1697.129  | 4.33       | 26.79      | 36.41         | 38.76      | 33.47  | 74.00      | -40.53     | peak   |
| 3   | 4279.589  | 6.98       | 33.60      | 34.53         | 37.31      | 43.36  | 74.00      | -30.64     | peak   |
| 4 q | 8840.473  | 11.64      | 36.70      | 35.59         | 37.48      | 50.23  | 68.20      | -17.97     | peak   |
| 5   | 11970.000 | 13.08      | 38.03      | 36.56         | 36.92      | 51.47  | 74.00      | -22.53     | peak   |
| 6   | 17955.000 | 15.12      | 44.37      | 37.39         | 31.37      | 53.47  | 74.00      | -20.53     | peak   |



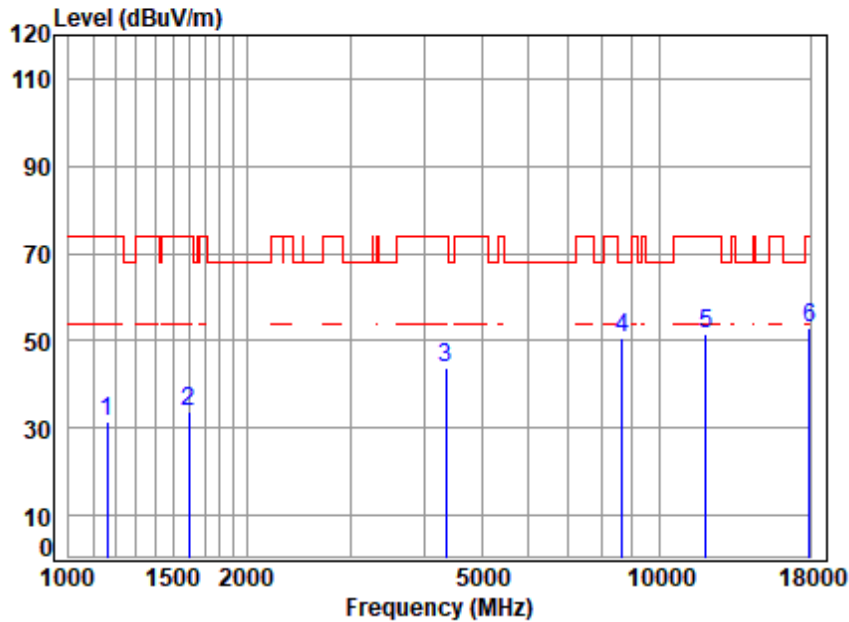
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 5985 TX RSE  
Note : 6E WIFI 11AX80

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1162.182  | 3.51       | 24.25      | 37.83         | 41.49      | 31.42  | 74.00      | -42.58     | peak   |
| 2   | 1597.181  | 4.20       | 26.47      | 36.64         | 39.55      | 33.58  | 74.00      | -40.42     | peak   |
| 3   | 4354.454  | 7.03       | 33.59      | 34.58         | 37.61      | 43.65  | 74.00      | -30.35     | peak   |
| 4 q | 8663.404  | 11.33      | 36.63      | 35.69         | 38.28      | 50.55  | 68.20      | -17.65     | peak   |
| 5   | 11970.000 | 13.08      | 38.03      | 36.56         | 37.21      | 51.76  | 74.00      | -22.24     | peak   |
| 6   | 17955.000 | 15.12      | 44.37      | 37.39         | 30.97      | 53.07  | 74.00      | -20.93     | peak   |



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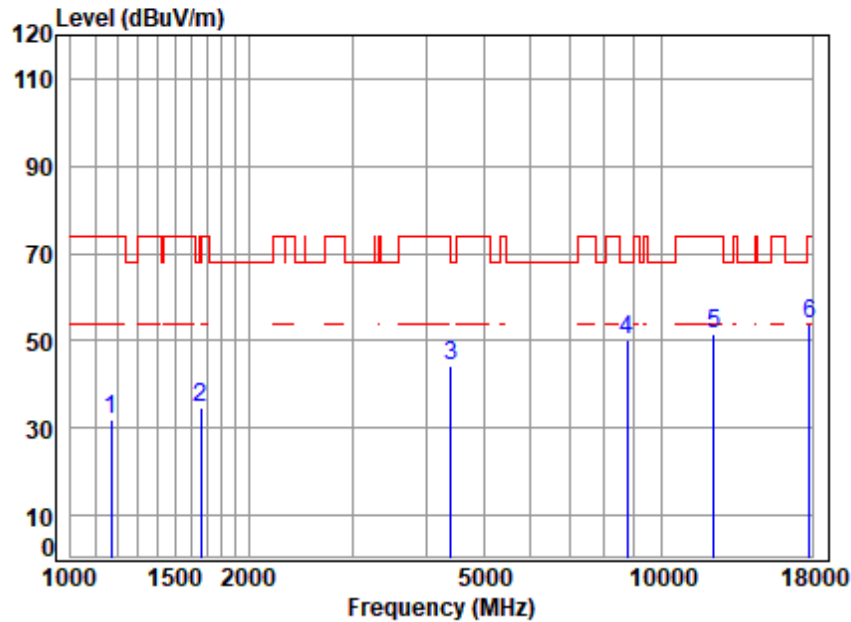
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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6145 TX RSE  
Note : 6E WIFI 11AX80

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1172.303  | 3.53       | 24.29      | 37.80         | 41.87      | 31.89  | 74.00      | -42.11     | peak   |
| 2   | 1663.137  | 4.28       | 26.73      | 36.48         | 40.04      | 34.57  | 74.00      | -39.43     | peak   |
| 3   | 4405.090  | 7.06       | 33.50      | 34.61         | 38.28      | 44.23  | 68.20      | -23.97     | peak   |
| 4 q | 8764.146  | 11.51      | 36.70      | 35.63         | 37.52      | 50.10  | 68.20      | -18.10     | peak   |
| 5   | 12290.000 | 13.23      | 38.00      | 36.87         | 37.00      | 51.36  | 74.00      | -22.64     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.82      | 53.62  | 74.00      | -20.38     | peak   |



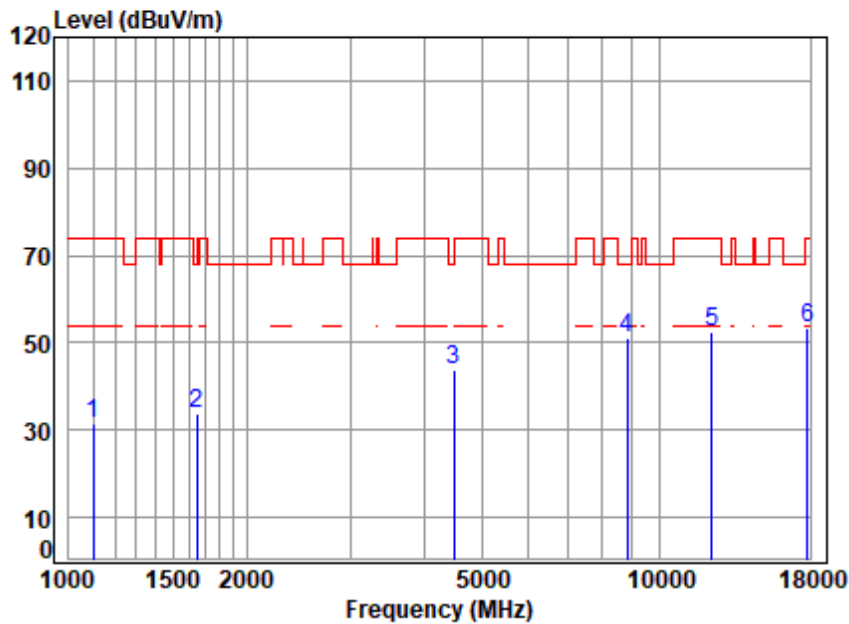
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6145 TX RSE  
Note : 6E WIFI 11AX80

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1100.079  | 3.40       | 24.00      | 38.04         | 42.09      | 31.45  | 74.00      | -42.55     | peak   |
| 2   | 1648.778  | 4.26       | 26.70      | 36.52         | 39.31      | 33.75  | 68.20      | -34.45     | peak   |
| 3   | 4482.150  | 7.11       | 33.50      | 34.66         | 37.98      | 43.93  | 68.20      | -24.27     | peak   |
| 4 q | 8814.957  | 11.60      | 36.70      | 35.60         | 38.34      | 51.04  | 68.20      | -17.16     | peak   |
| 5   | 12290.000 | 13.23      | 38.00      | 36.87         | 37.90      | 52.26  | 74.00      | -21.74     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.81      | 53.61  | 74.00      | -20.39     | peak   |



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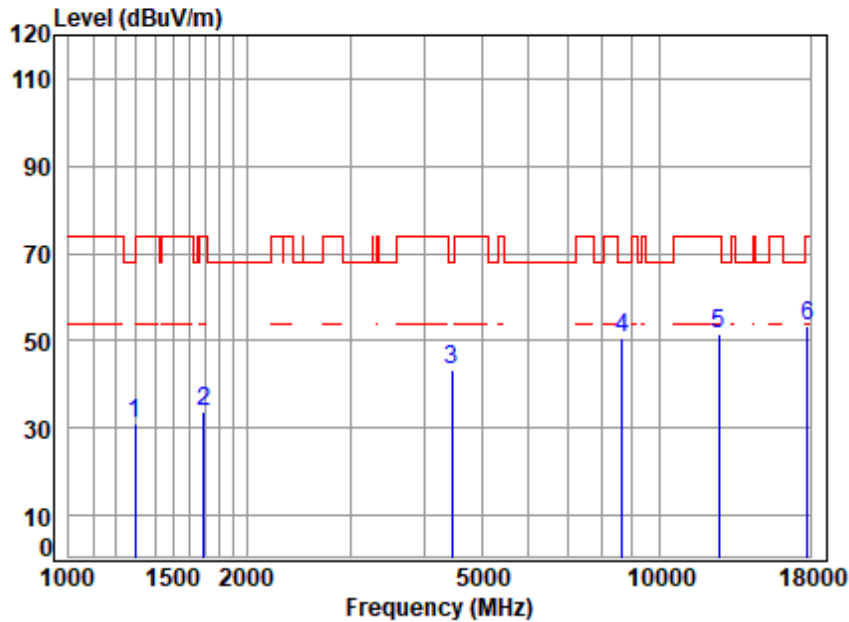
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6305 TX RSE  
Note : 6E WIFI 11AX80

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1293.359  | 3.74  | 24.67  | 37.43  | 40.09 | 31.07  | 68.20  | -37.13 | peak   |
| 2   | 1692.231  | 4.32  | 26.78  | 36.42  | 39.06 | 33.74  | 74.00  | -40.26 | peak   |
| 3   | 4456.315  | 7.09  | 33.50  | 34.64  | 37.49 | 43.44  | 68.20  | -24.76 | peak   |
| 4 q | 8638.399  | 11.29 | 36.60  | 35.71  | 38.27 | 50.45  | 68.20  | -17.75 | peak   |
| 5   | 12610.000 | 13.37 | 38.11  | 37.19  | 37.25 | 51.54  | 74.00  | -22.46 | peak   |
| 6   | 17844.590 | 15.06 | 44.14  | 37.40  | 31.42 | 53.22  | 74.00  | -20.78 | peak   |



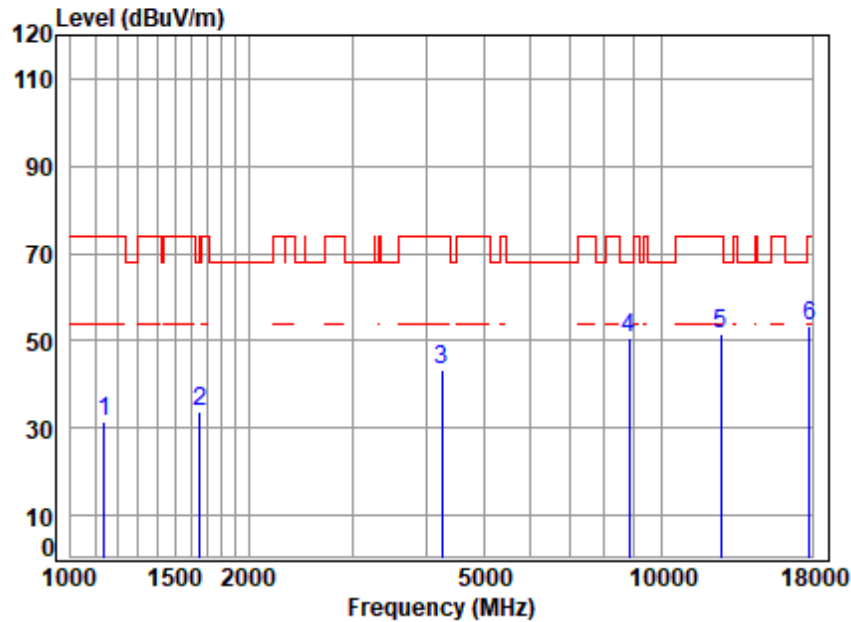
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6305 TX RSE  
Note : 6E WIFI 11AX80

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over   | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|--------|--------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1   | 1138.904  | 3.47       | 24.16      | 37.91         | 41.72      | 31.44  | 74.00  | -42.56 | peak   |
| 2   | 1653.550  | 4.27       | 26.71      | 36.51         | 39.50      | 33.97  | 68.20  | -34.23 | peak   |
| 3   | 4254.921  | 6.96       | 33.60      | 34.51         | 37.32      | 43.37  | 74.00  | -30.63 | peak   |
| 4 q | 8814.957  | 11.60      | 36.70      | 35.60         | 37.75      | 50.45  | 68.20  | -17.75 | peak   |
| 5   | 12610.000 | 13.37      | 38.11      | 37.19         | 37.26      | 51.55  | 74.00  | -22.45 | peak   |
| 6   | 17793.090 | 15.03      | 44.09      | 37.41         | 31.48      | 53.19  | 74.00  | -20.81 | peak   |





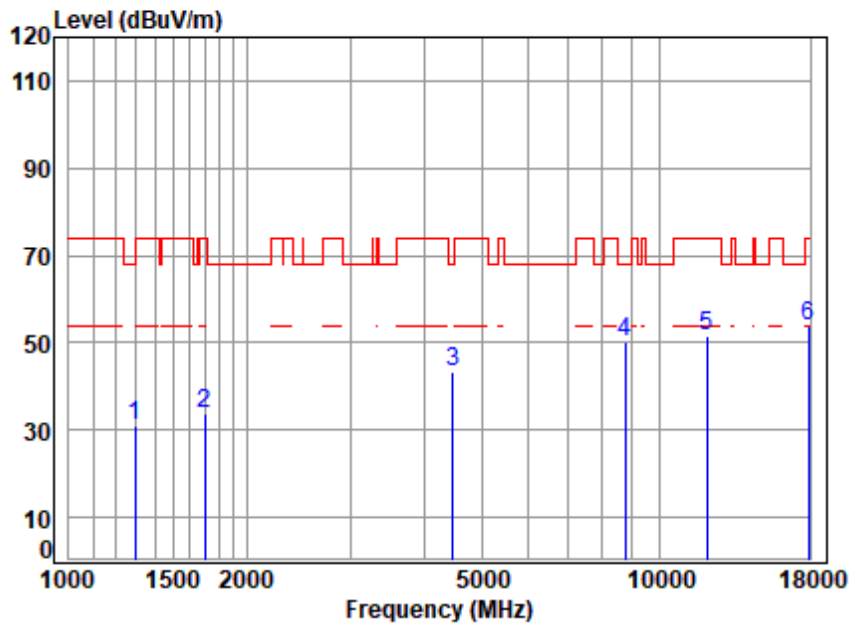
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6025 TX RSE  
Note : 6E WIFI 11AX160

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1293.359  | 3.74  | 24.67  | 37.43  | 39.98 | 30.96  | 68.20  | -37.24 | peak   |
| 2   | 1702.042  | 4.33  | 26.80  | 36.40  | 39.19 | 33.92  | 74.00  | -40.08 | peak   |
| 3   | 4469.214  | 7.10  | 33.50  | 34.65  | 37.45 | 43.40  | 68.20  | -24.80 | peak   |
| 4 q | 8738.852  | 11.46 | 36.70  | 35.65  | 37.84 | 50.35  | 68.20  | -17.85 | peak   |
| 5   | 12050.000 | 13.11 | 38.00  | 36.63  | 36.90 | 51.38  | 74.00  | -22.62 | peak   |
| 6   | 17896.250 | 15.09 | 44.20  | 37.40  | 31.84 | 53.73  | 74.00  | -20.27 | peak   |



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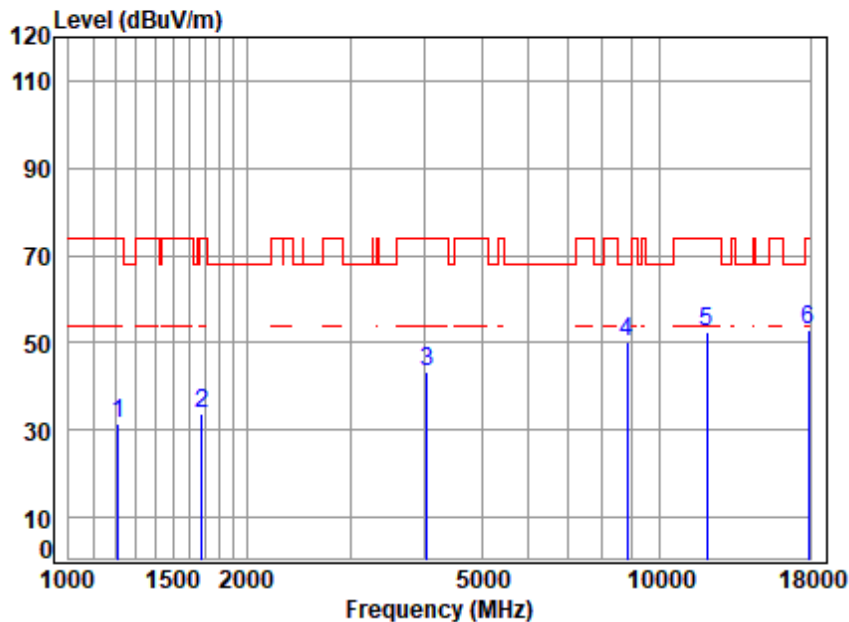
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6025 TX RSE  
Note : 6E WIFI 11AX160

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1210.174  | 3.60  | 24.42  | 37.68  | 41.24 | 31.58  | 74.00  | -42.42 | peak   |
| 2   | 1677.621  | 4.30  | 26.76  | 36.45  | 39.37 | 33.98  | 74.00  | -40.02 | peak   |
| 3   | 4039.212  | 6.81  | 32.86  | 34.36  | 37.99 | 43.30  | 74.00  | -30.70 | peak   |
| 4 q | 8814.957  | 11.60 | 36.70  | 35.60  | 37.49 | 50.19  | 68.20  | -18.01 | peak   |
| 5   | 12050.000 | 13.11 | 38.00  | 36.63  | 37.90 | 52.38  | 74.00  | -21.62 | peak   |
| 6   | 17896.250 | 15.09 | 44.20  | 37.40  | 31.26 | 53.15  | 74.00  | -20.85 | peak   |



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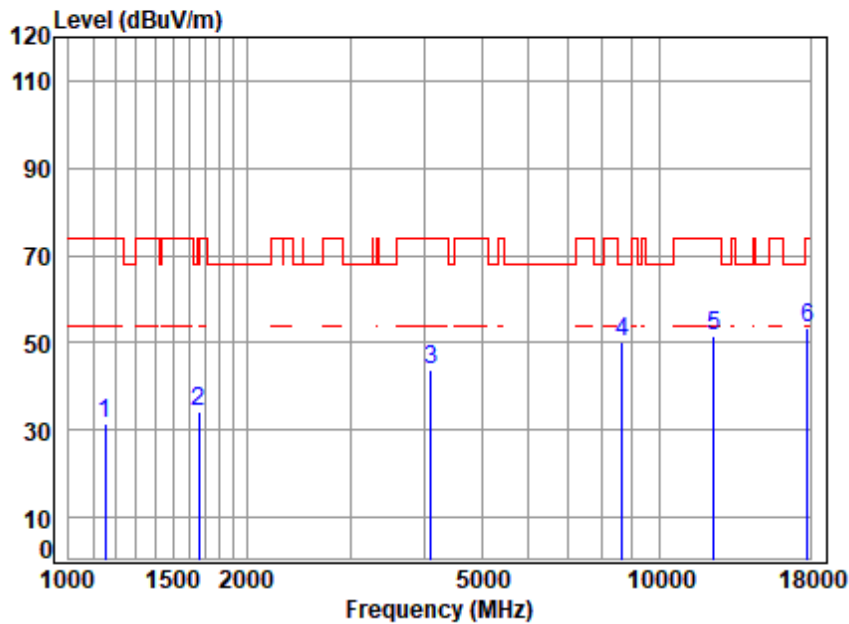
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High



Site : chamber  
 Condition: 3m HORIZONTAL  
 Job No : 02593AT/02594AT  
 Mode : 6185 TX RSE  
 Note : 6E WIFI 11AX160

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|--------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB         |        |
| 1   | 1152.148  | 3.49       | 24.21      | 37.87         | 41.76      | 31.59  | 74.00  | -42.41     | peak   |
| 2   | 1658.337  | 4.28       | 26.72      | 36.50         | 39.88      | 34.38  | 68.20  | -33.82     | peak   |
| 3   | 4098.010  | 6.85       | 33.00      | 34.40         | 38.25      | 43.70  | 74.00  | -30.30     | peak   |
| 4 q | 8663.404  | 11.33      | 36.63      | 35.69         | 37.84      | 50.11  | 68.20  | -18.09     | peak   |
| 5   | 12370.000 | 13.26      | 38.07      | 36.95         | 37.16      | 51.54  | 74.00  | -22.46     | peak   |
| 6   | 17793.090 | 15.03      | 44.09      | 37.41         | 31.72      | 53.43  | 74.00  | -20.57     | peak   |



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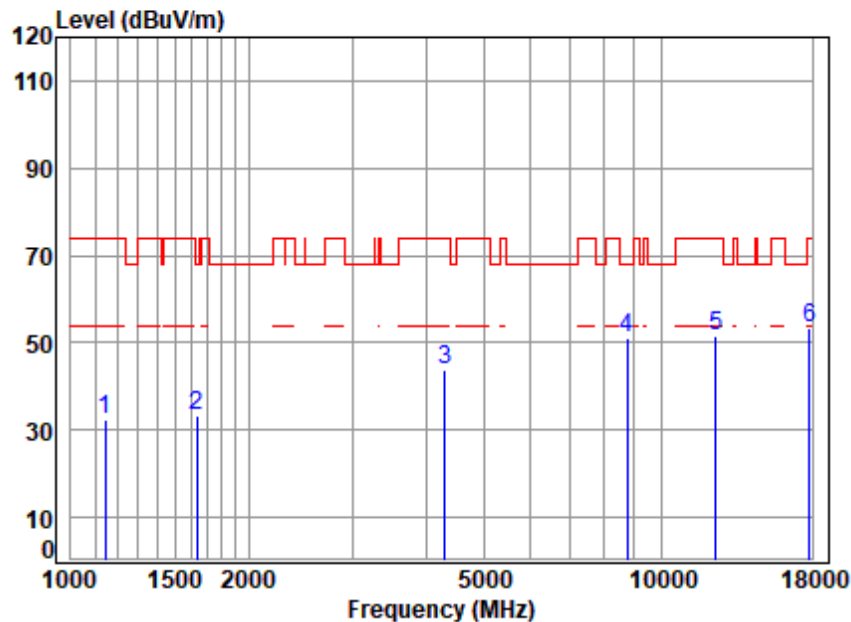
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6185 TX RSE  
Note : 6E WIFI 11AX160

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1145.507  | 3.48  | 24.18  | 37.89  | 42.55 | 32.32  | 74.00  | -41.68 | peak   |
| 2   | 1634.543  | 4.25  | 26.64  | 36.55  | 39.10 | 33.44  | 68.20  | -34.76 | peak   |
| 3   | 4304.400  | 6.99  | 33.60  | 34.54  | 37.90 | 43.95  | 74.00  | -30.05 | peak   |
| 4 q | 8738.852  | 11.46 | 36.70  | 35.65  | 38.55 | 51.06  | 68.20  | -17.14 | peak   |
| 5   | 12370.000 | 13.26 | 38.07  | 36.95  | 37.13 | 51.51  | 74.00  | -22.49 | peak   |
| 6   | 17844.590 | 15.06 | 44.14  | 37.40  | 31.70 | 53.50  | 74.00  | -20.50 | peak   |



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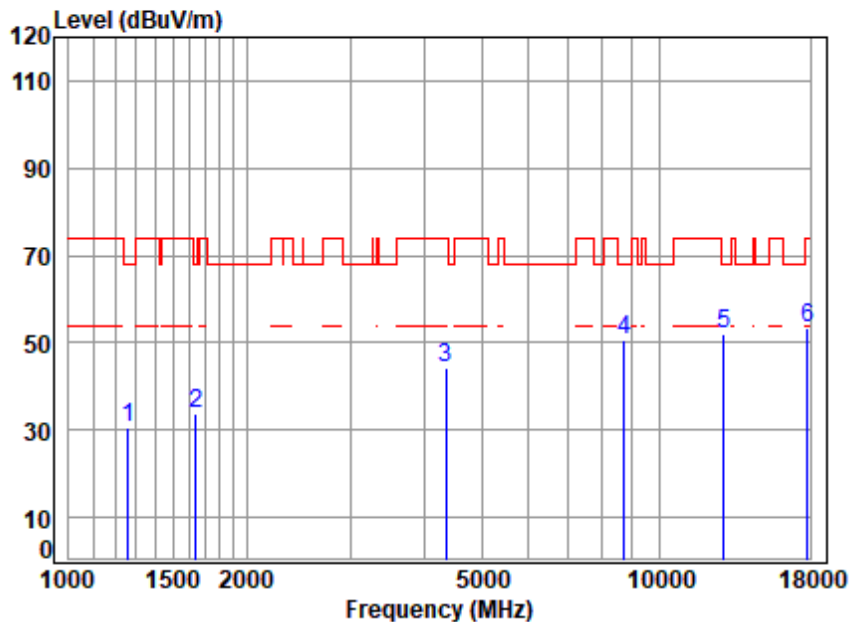
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6435 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1260.149  | 3.69       | 24.54      | 37.53         | 39.88      | 30.58  | 68.20      | -37.62     | peak   |
| 2 | 1639.274  | 4.25       | 26.66      | 36.54         | 39.44      | 33.81  | 68.20      | -34.39     | peak   |
| 3 | 4354.454  | 7.03       | 33.59      | 34.58         | 38.18      | 44.22  | 74.00      | -29.78     | peak   |
| 4 | 8713.630  | 11.42      | 36.70      | 35.66         | 38.12      | 50.58  | 68.20      | -17.62     | peak   |
| 5 | 12870.000 | 13.49      | 38.20      | 37.44         | 37.59      | 51.84  | 68.20      | -16.36     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.81      | 53.52  | 74.00      | -20.48     | peak   |

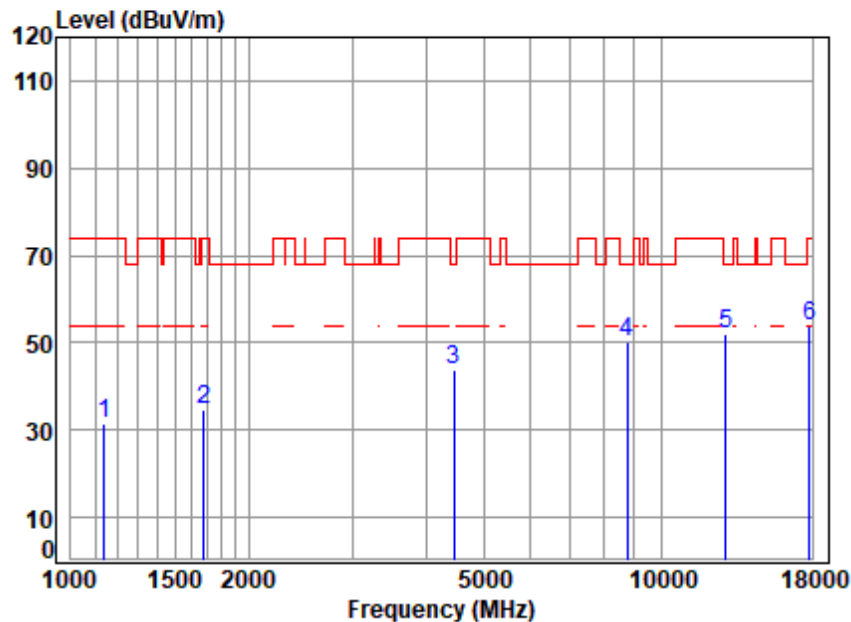


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Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

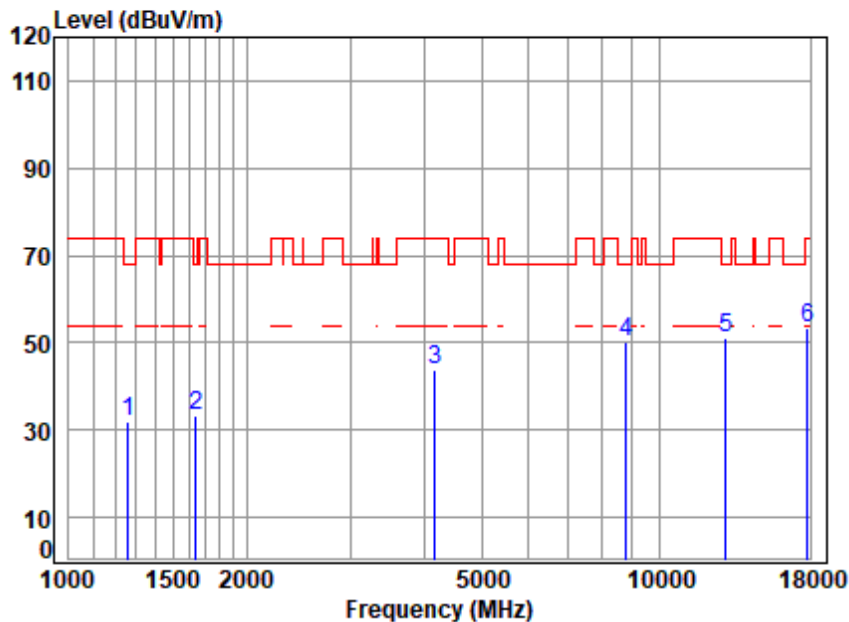


Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6435 TX RSE  
 Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1138.904  | 3.47       | 24.16      | 37.91         | 41.69      | 31.41  | 74.00      | -42.59     | peak   |
| 2 | 1677.621  | 4.30       | 26.76      | 36.45         | 40.15      | 34.76  | 74.00      | -39.24     | peak   |
| 3 | 4456.315  | 7.09       | 33.50      | 34.64         | 37.75      | 43.70  | 68.20      | -24.50     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.75      | 50.26  | 68.20      | -17.94     | peak   |
| 5 | 12870.000 | 13.49      | 38.20      | 37.44         | 37.68      | 51.93  | 68.20      | -16.27     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.90      | 53.70  | 74.00      | -20.30     | peak   |



Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

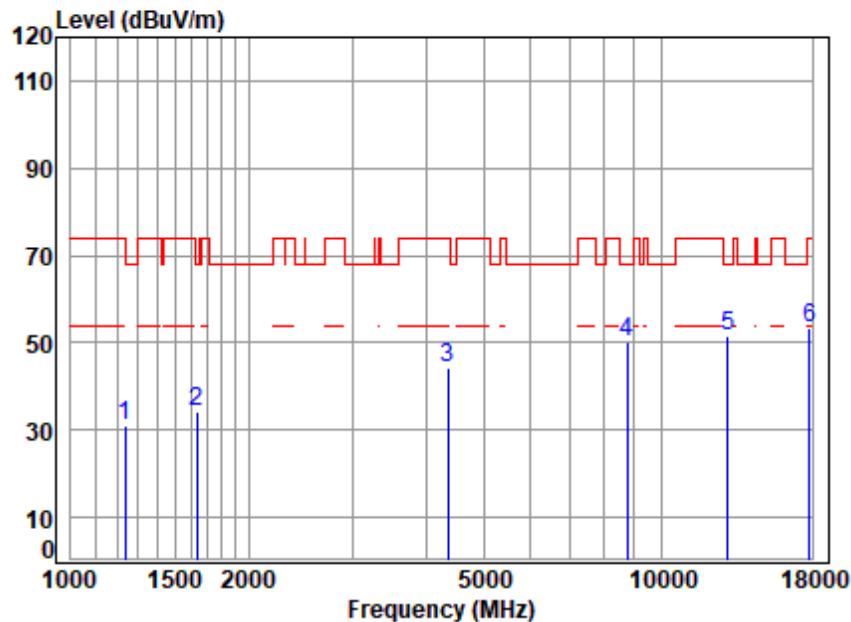


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6475 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over   | Remark |
|---|-----------|------------|------------|---------------|------------|--------|--------|--------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 | 1260.149  | 3.69       | 24.54      | 37.53         | 41.28      | 31.98  | 68.20  | -36.22 | peak   |
| 2 | 1644.019  | 4.26       | 26.68      | 36.53         | 38.96      | 33.37  | 68.20  | -34.83 | peak   |
| 3 | 4169.698  | 6.90       | 33.22      | 34.45         | 38.05      | 43.72  | 74.00  | -30.28 | peak   |
| 4 | 8789.516  | 11.55      | 36.70      | 35.62         | 37.51      | 50.14  | 68.20  | -18.06 | peak   |
| 5 | 12950.000 | 13.53      | 38.30      | 37.51         | 36.93      | 51.25  | 68.20  | -16.95 | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.42      | 53.22  | 74.00  | -20.78 | peak   |



Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



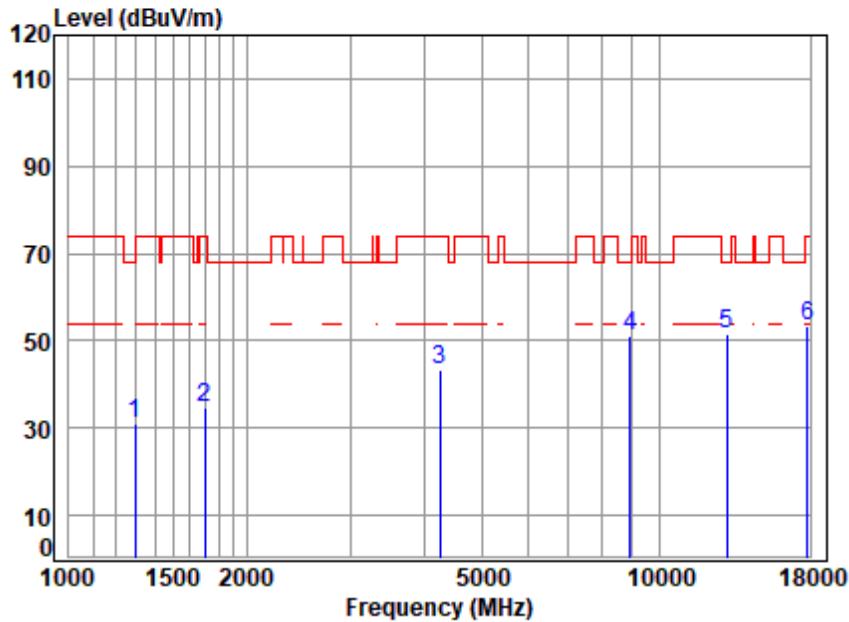
Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6475 TX RSE  
 Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1238.483  | 3.65       | 24.48      | 37.59         | 40.29      | 30.83  | 74.00      | -43.17     | peak   |
| 2 | 1634.543  | 4.25       | 26.64      | 36.55         | 39.91      | 34.25  | 68.20      | -33.95     | peak   |
| 3 | 4354.454  | 7.03       | 33.59      | 34.58         | 38.03      | 44.07  | 74.00      | -29.93     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.70      | 50.21  | 68.20      | -17.99     | peak   |
| 5 | 12950.000 | 13.53      | 38.30      | 37.51         | 37.25      | 51.57  | 68.20      | -16.63     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.71      | 53.51  | 74.00      | -20.49     | peak   |





Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

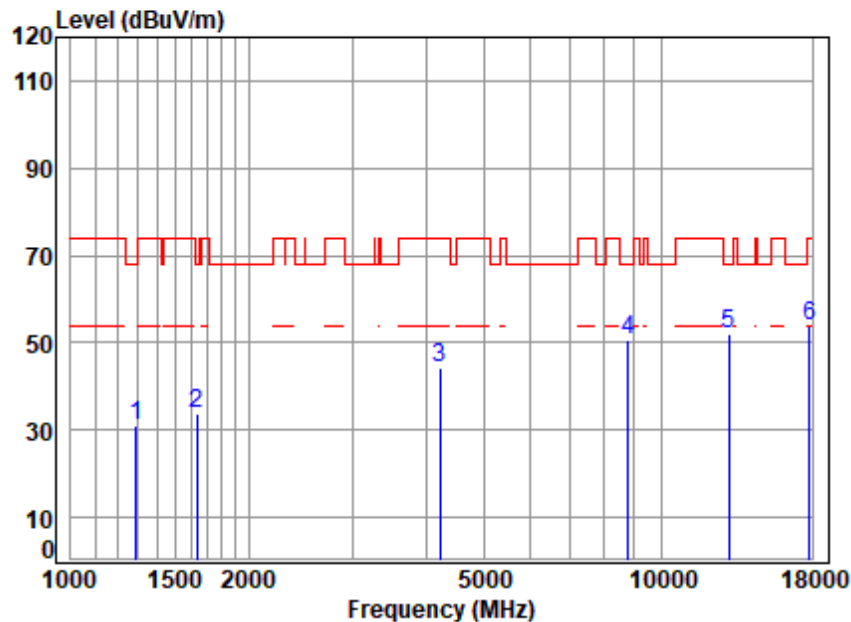


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6495 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1297.103  | 3.75       | 24.69      | 37.42         | 39.94      | 30.96  | 68.20      | -37.24     | peak   |
| 2 | 1697.129  | 4.33       | 26.79      | 36.41         | 40.01      | 34.72  | 74.00      | -39.28     | peak   |
| 3 | 4242.641  | 6.95       | 33.57      | 34.50         | 37.14      | 43.16  | 74.00      | -30.84     | peak   |
| 4 | 8917.462  | 11.78      | 36.70      | 35.55         | 37.96      | 50.89  | 68.20      | -17.31     | peak   |
| 5 | 12990.000 | 13.55      | 38.38      | 37.55         | 37.37      | 51.75  | 68.20      | -16.45     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.78      | 53.58  | 74.00      | -20.42     | peak   |



Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6495 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1289.627  | 3.74  | 24.66  | 37.44  | 40.07 | 31.03  | 68.20  | -37.17 | peak   |
| 2 | 1634.543  | 4.25  | 26.64  | 36.55  | 39.33 | 33.67  | 68.20  | -34.53 | peak   |
| 3 | 4218.186  | 6.93  | 33.47  | 34.48  | 38.23 | 44.15  | 74.00  | -29.85 | peak   |
| 4 | 8789.516  | 11.55 | 36.70  | 35.62  | 38.23 | 50.86  | 68.20  | -17.34 | peak   |
| 5 | 12990.000 | 13.55 | 38.38  | 37.55  | 37.76 | 52.14  | 68.20  | -16.06 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.81 | 53.61  | 74.00  | -20.39 | peak   |



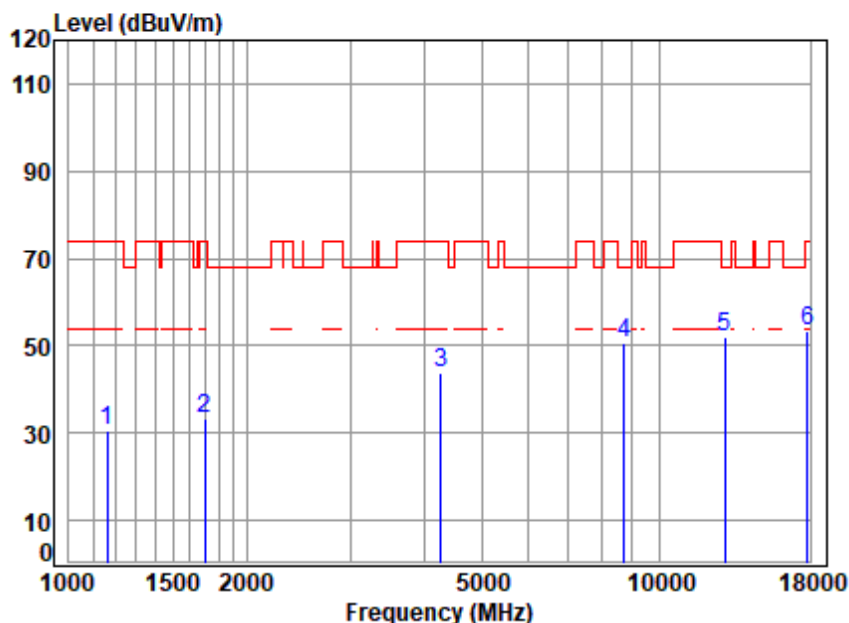
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Report No.: SZCR230800259306

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Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6445 TX RSE  
Note : 6E WIFI 11AX40

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1162.182  | 3.51  | 24.25  | 37.83  | 40.84 | 30.77  | 74.00  | -43.23 | peak   |
| 2 | 1697.129  | 4.33  | 26.79  | 36.41  | 38.59 | 33.30  | 74.00  | -40.70 | peak   |
| 3 | 4267.237  | 6.97  | 33.60  | 34.52  | 37.82 | 43.87  | 74.00  | -30.13 | peak   |
| 4 | 8713.630  | 11.42 | 36.70  | 35.66  | 38.41 | 50.87  | 68.20  | -17.33 | peak   |
| 5 | 12890.000 | 13.50 | 38.20  | 37.46  | 37.80 | 52.04  | 68.20  | -16.16 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.58 | 53.38  | 74.00  | -20.62 | peak   |

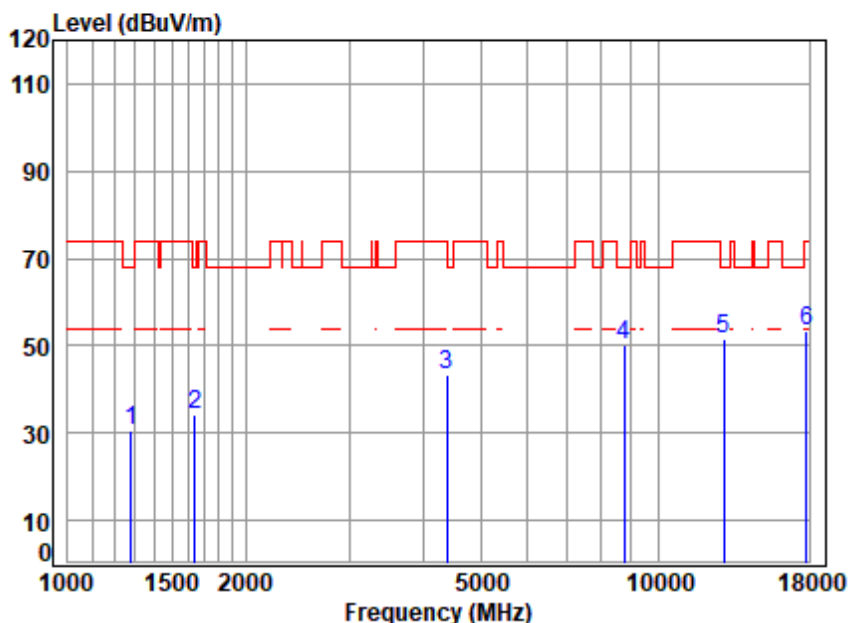


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Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6445 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1282.193  | 3.72       | 24.63      | 37.46         | 39.75      | 30.64  | 68.20      | -37.56     | peak   |
| 2 | 1644.019  | 4.26       | 26.68      | 36.53         | 39.77      | 34.18  | 68.20      | -34.02     | peak   |
| 3 | 4379.699  | 7.04       | 33.54      | 34.59         | 37.47      | 43.46  | 74.00      | -30.54     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.52      | 50.03  | 68.20      | -18.17     | peak   |
| 5 | 12890.000 | 13.50      | 38.20      | 37.46         | 37.43      | 51.67  | 68.20      | -16.53     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.66      | 53.37  | 74.00      | -20.63     | peak   |





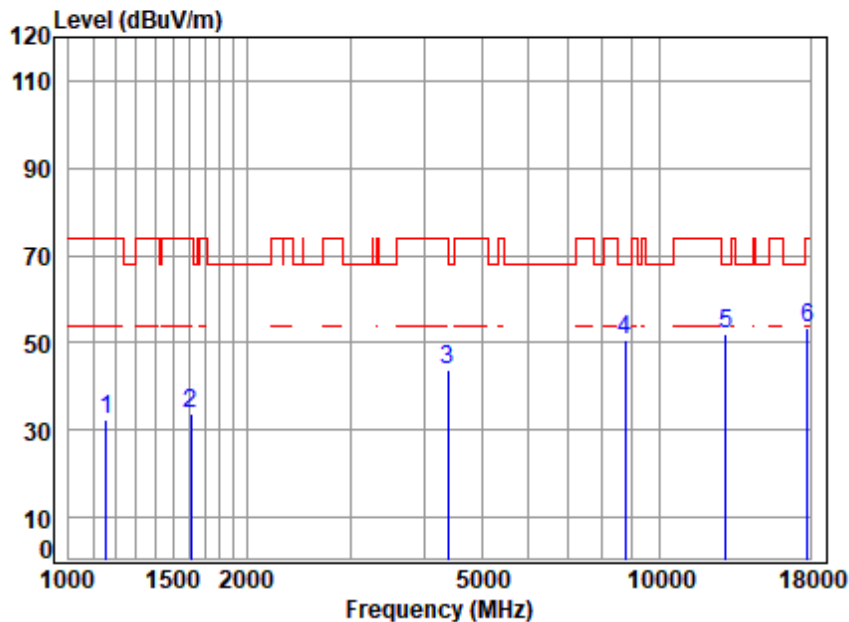
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Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6485 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1155.483  | 3.50       | 24.22      | 37.86         | 42.69      | 32.55  | 74.00      | -41.45     | peak   |
| 2 | 1611.091  | 4.22       | 26.54      | 36.60         | 39.61      | 33.77  | 74.00      | -40.23     | peak   |
| 3 | 4392.376  | 7.05       | 33.52      | 34.60         | 37.75      | 43.72  | 74.00      | -30.28     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 38.11      | 50.62  | 68.20      | -17.58     | peak   |
| 5 | 12970.000 | 13.54      | 38.34      | 37.53         | 37.78      | 52.13  | 68.20      | -16.07     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.55      | 53.35  | 74.00      | -20.65     | peak   |

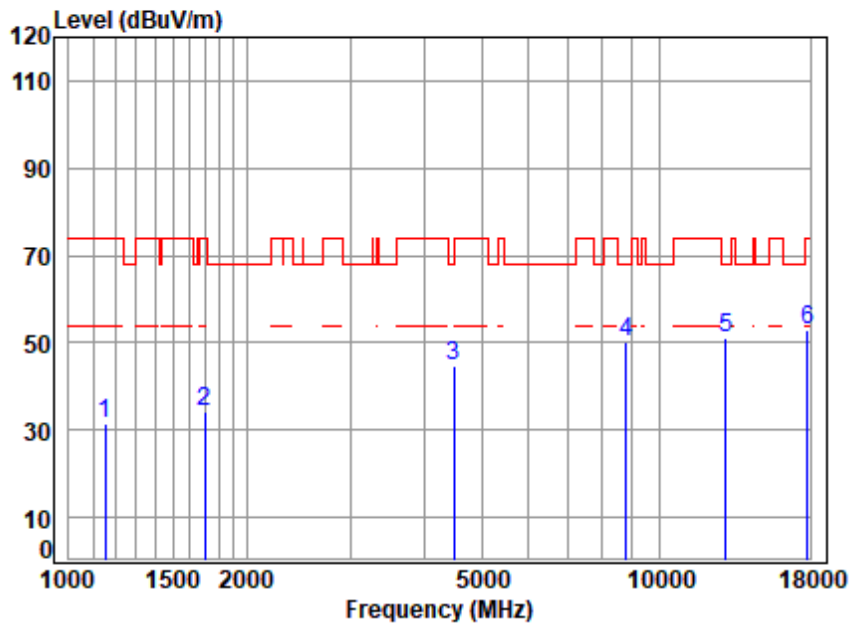


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Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6485 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1152.148  | 3.49       | 24.21      | 37.87         | 41.76      | 31.59  | 74.00      | -42.41     | peak   |
| 2 | 1702.042  | 4.33       | 26.80      | 36.40         | 39.31      | 34.04  | 74.00      | -39.96     | peak   |
| 3 | 4482.150  | 7.11       | 33.50      | 34.66         | 38.94      | 44.89  | 68.20      | -23.31     | peak   |
| 4 | 8789.516  | 11.55      | 36.70      | 35.62         | 37.43      | 50.06  | 68.20      | -18.14     | peak   |
| 5 | 12970.000 | 13.54      | 38.34      | 37.53         | 36.92      | 51.27  | 68.20      | -16.93     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.28      | 52.99  | 74.00      | -21.01     | peak   |



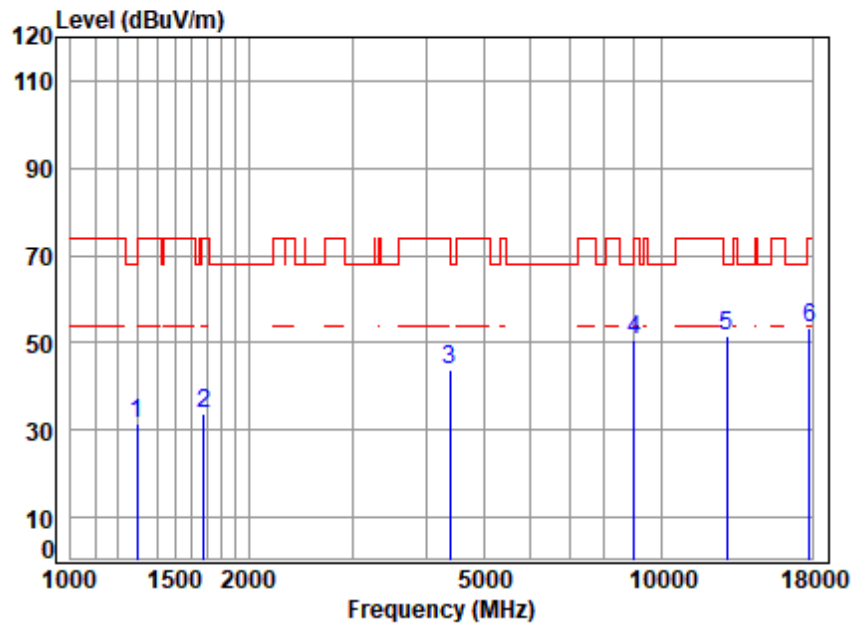
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Test Mode: 26; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6465 TX RSE  
Note : 6E WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1293.359  | 3.74       | 24.67      | 37.43         | 40.54      | 31.52  | 68.20      | -36.68     | peak   |
| 2 | 1682.477  | 4.31       | 26.77      | 36.44         | 39.10      | 33.74  | 74.00      | -40.26     | peak   |
| 3 | 4379.699  | 7.04       | 33.54      | 34.59         | 37.75      | 43.74  | 74.00      | -30.26     | peak   |
| 4 | 8995.123  | 11.91      | 36.70      | 35.50         | 37.45      | 50.56  | 68.20      | -17.64     | peak   |
| 5 | 12930.000 | 13.52      | 38.26      | 37.49         | 37.35      | 51.64  | 68.20      | -16.56     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.74      | 53.45  | 74.00      | -20.55     | peak   |



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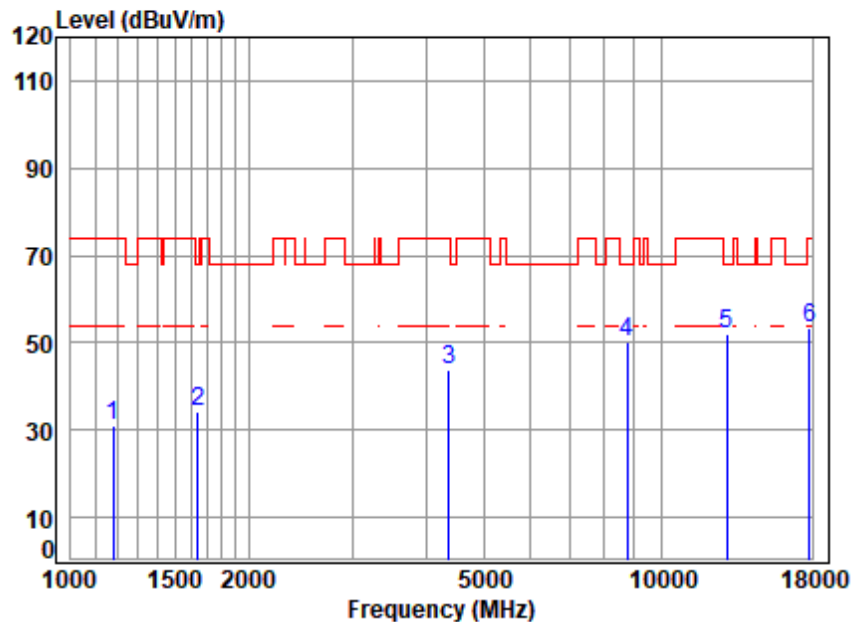
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Test Mode: 26; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6465 TX RSE  
 Note : 6E WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1179.100  | 3.54       | 24.32      | 37.78         | 40.86      | 30.94  | 74.00      | -43.06     | peak   |
| 2 | 1644.019  | 4.26       | 26.68      | 36.53         | 39.83      | 34.24  | 68.20      | -33.96     | peak   |
| 3 | 4367.058  | 7.04       | 33.57      | 34.59         | 37.67      | 43.69  | 74.00      | -30.31     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.57      | 50.08  | 68.20      | -18.12     | peak   |
| 5 | 12930.000 | 13.52      | 38.26      | 37.49         | 37.62      | 51.91  | 68.20      | -16.29     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.52      | 53.23  | 74.00      | -20.77     | peak   |



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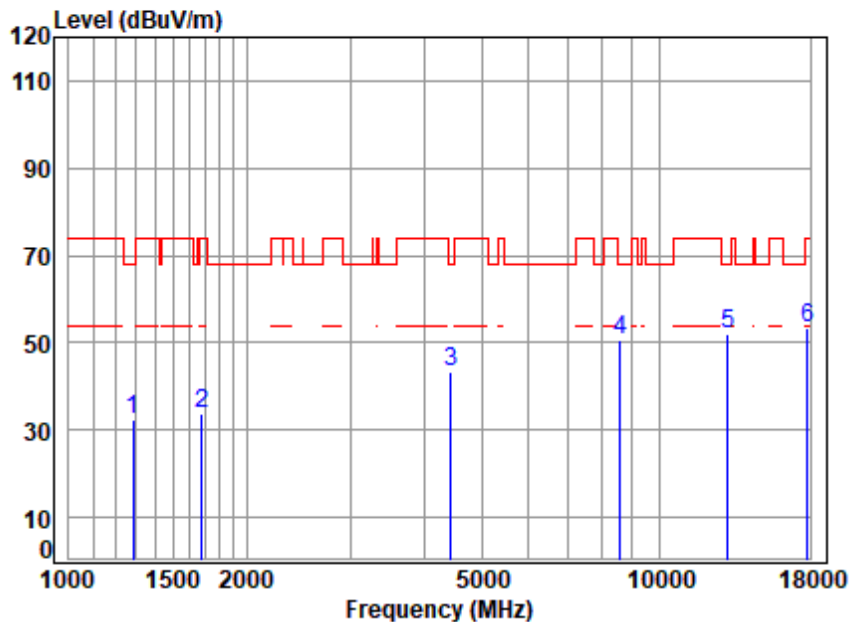
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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6535 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1285.904  | 3.73       | 24.64      | 37.45         | 41.43      | 32.35  | 68.20      | -35.85     | peak   |
| 2 | 1682.477  | 4.31       | 26.77      | 36.44         | 38.91      | 33.55  | 74.00      | -40.45     | peak   |
| 3 | 4430.628  | 7.08       | 33.50      | 34.63         | 37.38      | 43.33  | 68.20      | -24.87     | peak   |
| 4 | 8588.607  | 11.20      | 36.58      | 35.73         | 38.56      | 50.61  | 68.20      | -17.59     | peak   |
| 5 | 13070.000 | 13.57      | 38.47      | 37.53         | 37.56      | 52.07  | 68.20      | -16.13     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.61      | 53.32  | 74.00      | -20.68     | peak   |



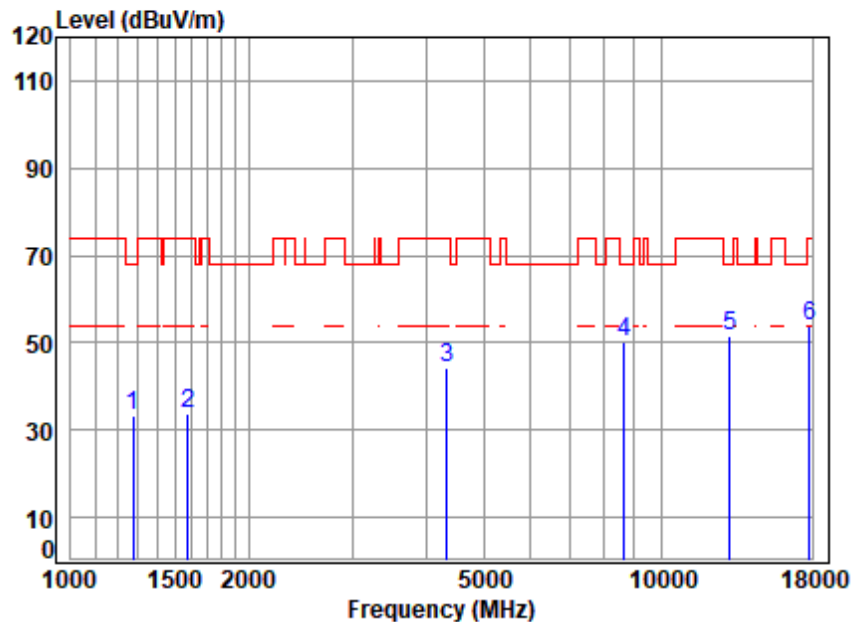
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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6535 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1274.802  | 3.71  | 24.60  | 37.49  | 42.35 | 33.17  | 68.20  | -35.03 | peak   |
| 2 | 1578.822  | 4.17  | 26.25  | 36.68  | 40.04 | 33.78  | 74.00  | -40.22 | peak   |
| 3 | 4341.886  | 7.02  | 33.60  | 34.57  | 38.04 | 44.09  | 74.00  | -29.91 | peak   |
| 4 | 8663.404  | 11.33 | 36.63  | 35.69  | 37.89 | 50.16  | 68.20  | -18.04 | peak   |
| 5 | 13070.000 | 13.57 | 38.47  | 37.53  | 37.01 | 51.52  | 68.20  | -16.68 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.91 | 53.62  | 74.00  | -20.38 | peak   |



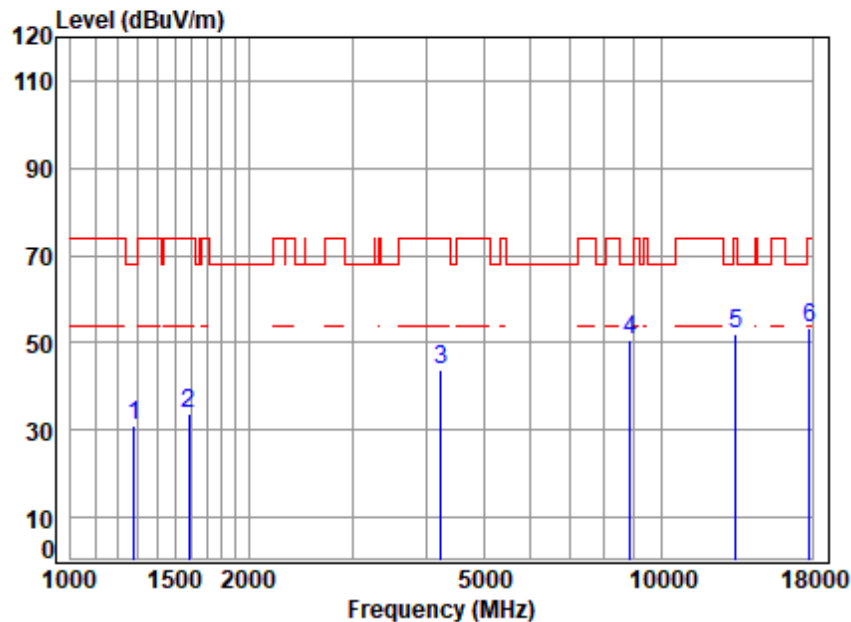
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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6695 TX RSE  
Note : 6E WIFI 11AX20

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1282.193  | 3.72       | 24.63      | 37.46         | 40.35      | 31.24  | 68.20      | -36.96     | peak   |
| 2   | 1587.975  | 4.18       | 26.36      | 36.66         | 39.69      | 33.57  | 74.00      | -40.43     | peak   |
| 3   | 4230.396  | 6.94       | 33.52      | 34.49         | 37.91      | 43.88  | 74.00      | -30.12     | peak   |
| 4 q | 8840.473  | 11.64      | 36.70      | 35.59         | 37.82      | 50.57  | 68.20      | -17.63     | peak   |
| 5   | 13390.000 | 13.65      | 38.70      | 37.42         | 37.06      | 51.99  | 74.00      | -22.01     | peak   |
| 6   | 17793.090 | 15.03      | 44.09      | 37.41         | 31.63      | 53.34  | 74.00      | -20.66     | peak   |



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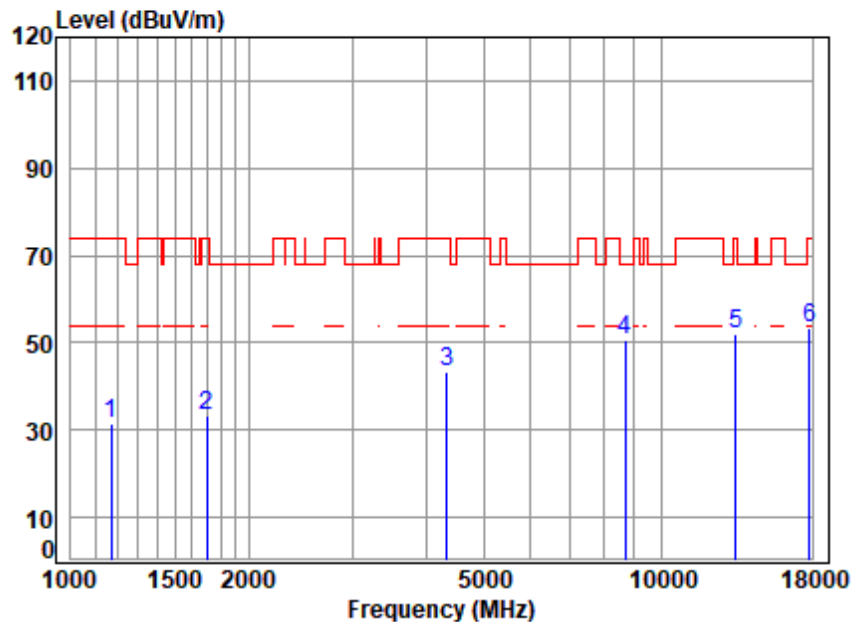
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6695 TX RSE  
Note : 6E WIFI 11AX20

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1168.920  | 3.53       | 24.28      | 37.81         | 41.67      | 31.67  | 74.00      | -42.33     | peak   |
| 2   | 1697.129  | 4.33       | 26.79      | 36.41         | 38.81      | 33.52  | 74.00      | -40.48     | peak   |
| 3   | 4329.354  | 7.01       | 33.60      | 34.56         | 37.11      | 43.16  | 74.00      | -30.84     | peak   |
| 4 q | 8688.480  | 11.38      | 36.68      | 35.68         | 38.47      | 50.85  | 68.20      | -17.35     | peak   |
| 5   | 13390.000 | 13.65      | 38.70      | 37.42         | 37.20      | 52.13  | 74.00      | -21.87     | peak   |
| 6   | 17793.090 | 15.03      | 44.09      | 37.41         | 31.84      | 53.55  | 74.00      | -20.45     | peak   |



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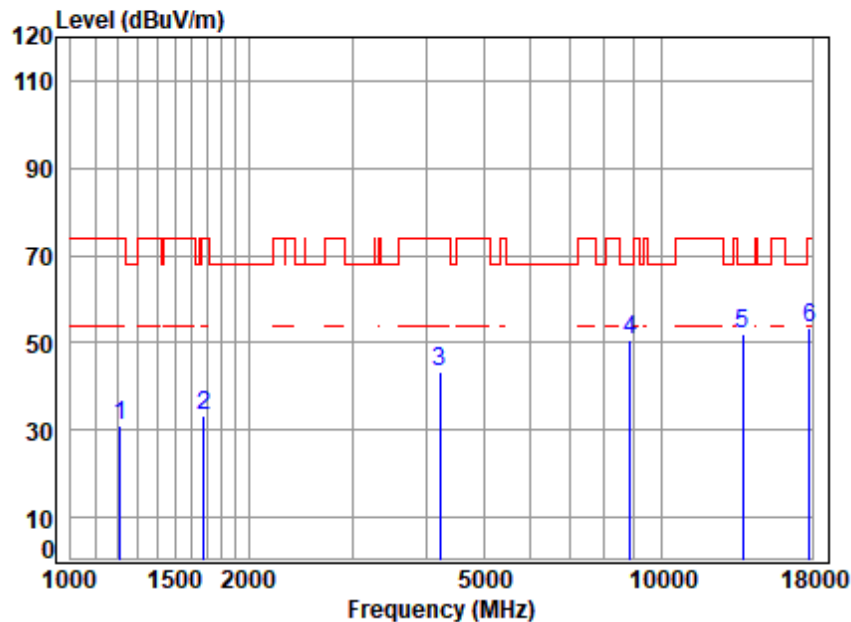
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6855 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1210.174  | 3.60       | 24.42      | 37.68         | 40.87      | 31.21  | 74.00      | -42.79     | peak   |
| 2 | 1682.477  | 4.31       | 26.77      | 36.44         | 38.69      | 33.33  | 74.00      | -40.67     | peak   |
| 3 | 4218.186  | 6.93       | 33.47      | 34.48         | 37.60      | 43.52  | 74.00      | -30.48     | peak   |
| 4 | 8840.473  | 11.64      | 36.70      | 35.59         | 37.74      | 50.49  | 68.20      | -17.71     | peak   |
| 5 | 13710.000 | 13.72      | 39.01      | 37.30         | 36.61      | 52.04  | 68.20      | -16.16     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.62      | 53.42  | 74.00      | -20.58     | peak   |

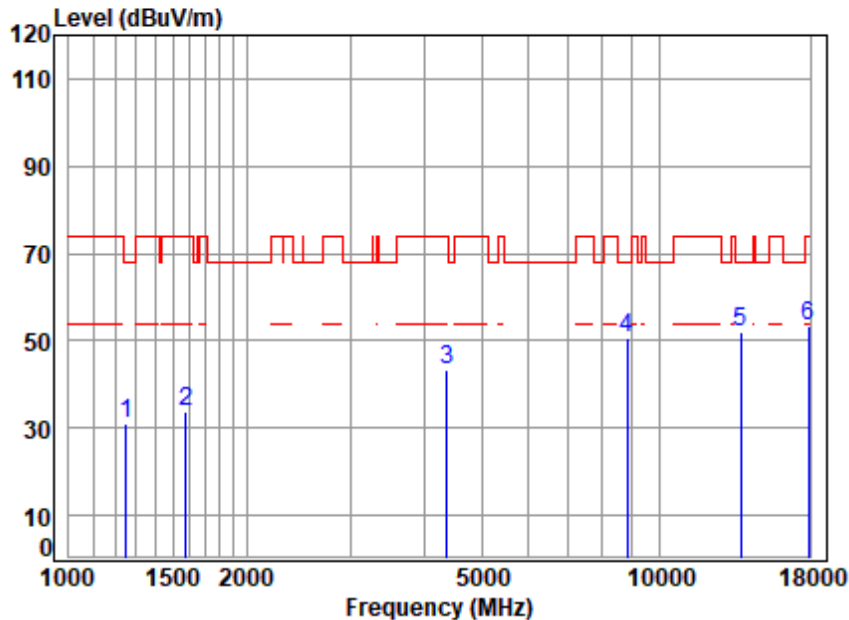


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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

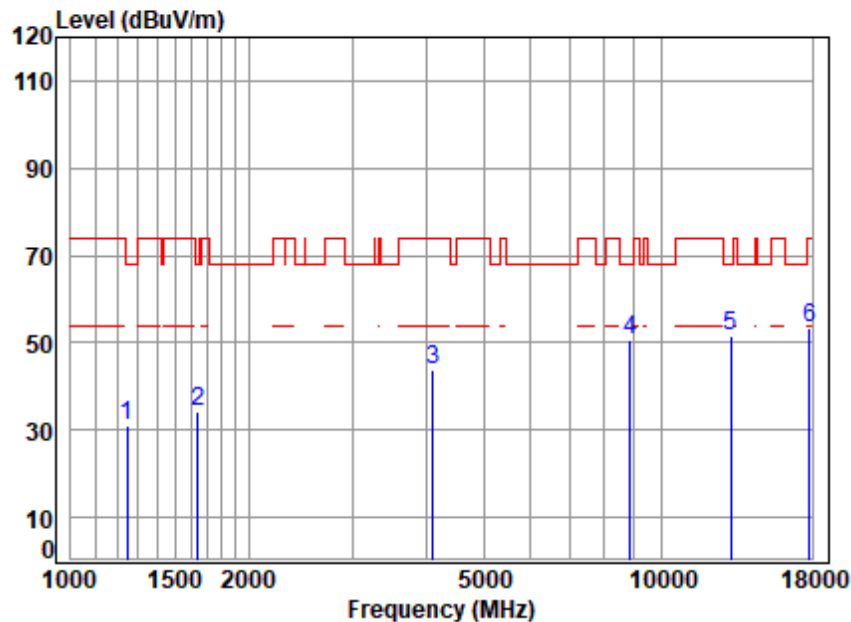


Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6855 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1252.885  | 3.67       | 24.51      | 37.55         | 40.60      | 31.23  | 68.20      | -36.97     | peak   |
| 2 | 1578.822  | 4.17       | 26.25      | 36.68         | 39.84      | 33.58  | 74.00      | -40.42     | peak   |
| 3 | 4367.058  | 7.04       | 33.57      | 34.59         | 37.47      | 43.49  | 74.00      | -30.51     | peak   |
| 4 | 8814.957  | 11.60      | 36.70      | 35.60         | 38.07      | 50.77  | 68.20      | -17.43     | peak   |
| 5 | 13710.000 | 13.72      | 39.01      | 37.30         | 36.59      | 52.02  | 68.20      | -16.18     | peak   |
| 6 | 17896.250 | 15.09      | 44.20      | 37.40         | 31.66      | 53.55  | 74.00      | -20.45     | peak   |



Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low

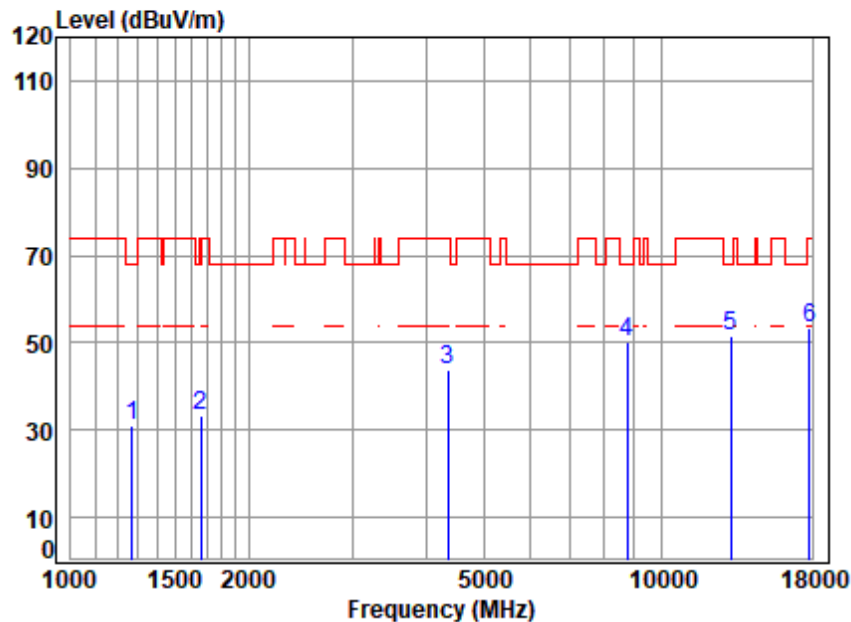


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6565 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1245.663  | 3.66       | 24.49      | 37.57         | 40.36      | 30.94  | 68.20      | -37.26     | peak   |
| 2 | 1644.019  | 4.26       | 26.68      | 36.53         | 40.01      | 34.42  | 68.20      | -33.78     | peak   |
| 3 | 4109.872  | 6.86       | 33.02      | 34.41         | 38.17      | 43.64  | 74.00      | -30.36     | peak   |
| 4 | 8866.062  | 11.69      | 36.70      | 35.58         | 37.63      | 50.44  | 68.20      | -17.76     | peak   |
| 5 | 13130.000 | 13.58      | 38.53      | 37.51         | 36.96      | 51.56  | 68.20      | -16.64     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.65      | 53.36  | 74.00      | -20.64     | peak   |



Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6565 TX RSE  
Note : 6E WIFI 11AX40

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1271.123  | 3.71  | 24.59  | 37.50  | 40.20 | 31.00  | 68.20  | -37.20 | peak   |
| 2 | 1658.337  | 4.28  | 26.72  | 36.50  | 38.99 | 33.49  | 68.20  | -34.71 | peak   |
| 3 | 4354.454  | 7.03  | 33.59  | 34.58  | 37.90 | 43.94  | 74.00  | -30.06 | peak   |
| 4 | 8738.852  | 11.46 | 36.70  | 35.65  | 37.72 | 50.23  | 68.20  | -17.97 | peak   |
| 5 | 13130.000 | 13.58 | 38.53  | 37.51  | 37.07 | 51.67  | 68.20  | -16.53 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.75 | 53.55  | 74.00  | -20.45 | peak   |





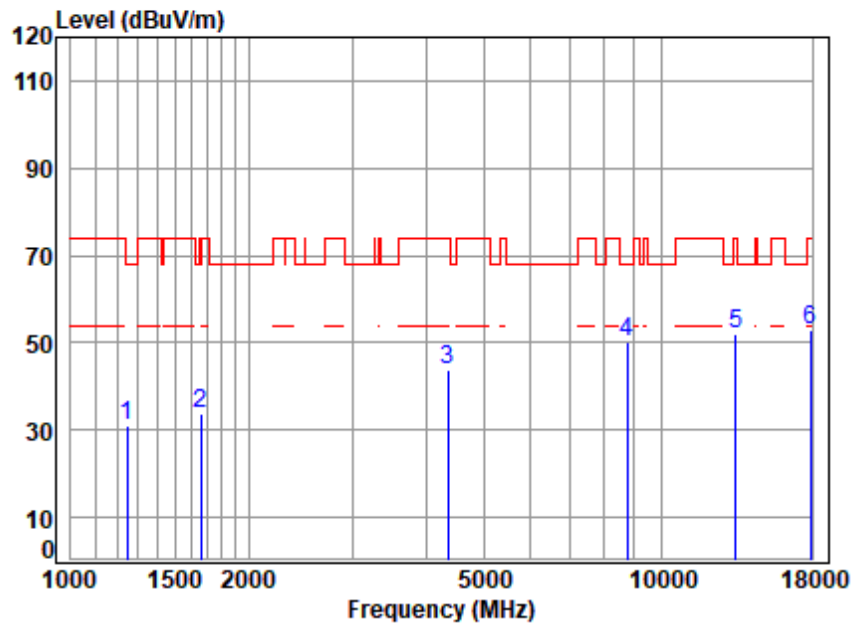
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6685 TX RSE  
Note : 6E WIFI 11AX40

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1   | 1245.663  | 3.66       | 24.49      | 37.57         | 40.58      | 31.16  | 68.20      | -37.04     | peak   |
| 2   | 1663.137  | 4.28       | 26.73      | 36.48         | 39.31      | 33.84  | 74.00      | -40.16     | peak   |
| 3   | 4354.454  | 7.03       | 33.59      | 34.58         | 37.76      | 43.80  | 74.00      | -30.20     | peak   |
| 4 q | 8764.146  | 11.51      | 36.70      | 35.63         | 37.44      | 50.02  | 68.20      | -18.18     | peak   |
| 5   | 13370.000 | 13.64      | 38.70      | 37.42         | 36.88      | 51.80  | 74.00      | -22.20     | peak   |
| 6   | 17896.250 | 15.09      | 44.20      | 37.40         | 31.25      | 53.14  | 74.00      | -20.86     | peak   |



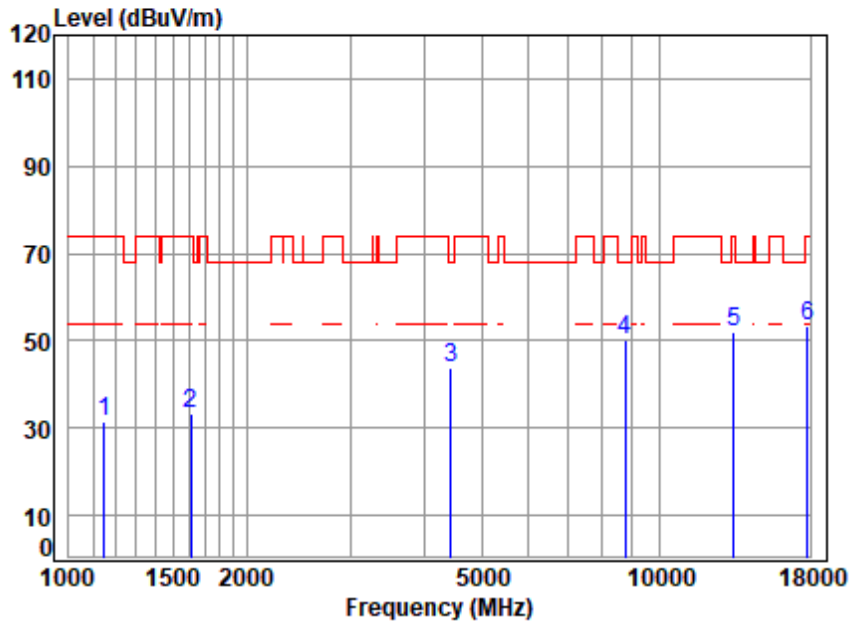
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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6685 TX RSE  
Note : 6E WIFI 11AX40

|     | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over Limit | Remark |
|-----|-----------|------------|------------|---------------|------------|--------|--------|------------|--------|
|     | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB         |        |
| 1   | 1148.823  | 3.49       | 24.20      | 37.88         | 41.54      | 31.35  | 74.00  | -42.65     | peak   |
| 2   | 1611.091  | 4.22       | 26.54      | 36.60         | 39.24      | 33.40  | 74.00  | -40.60     | peak   |
| 3   | 4443.453  | 7.09       | 33.50      | 34.64         | 37.88      | 43.83  | 68.20  | -24.37     | peak   |
| 4 q | 8764.146  | 11.51      | 36.70      | 35.63         | 37.77      | 50.35  | 68.20  | -17.85     | peak   |
| 5   | 13370.000 | 13.64      | 38.70      | 37.42         | 37.08      | 52.00  | 74.00  | -22.00     | peak   |
| 6   | 17844.590 | 15.06      | 44.14      | 37.40         | 31.63      | 53.43  | 74.00  | -20.57     | peak   |



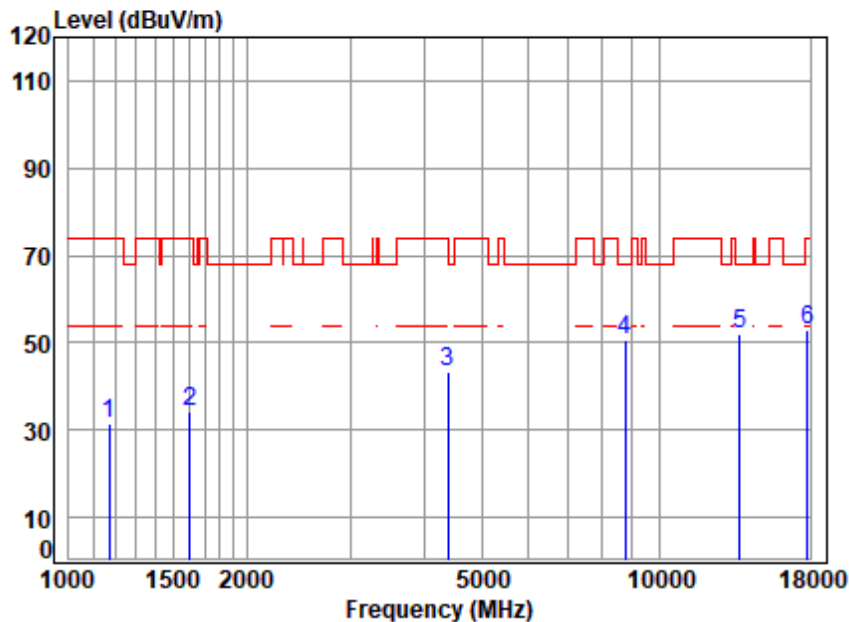
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Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6845 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1168.920  | 3.53       | 24.28      | 37.81         | 41.60      | 31.60  | 74.00      | -42.40     | peak   |
| 2 | 1606.441  | 4.21       | 26.53      | 36.62         | 39.97      | 34.09  | 74.00      | -39.91     | peak   |
| 3 | 4392.376  | 7.05       | 33.52      | 34.60         | 37.58      | 43.55  | 74.00      | -30.45     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 38.14      | 50.65  | 68.20      | -17.55     | peak   |
| 5 | 13690.000 | 13.72      | 39.00      | 37.31         | 36.78      | 52.19  | 68.20      | -16.01     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.38      | 53.09  | 74.00      | -20.91     | peak   |

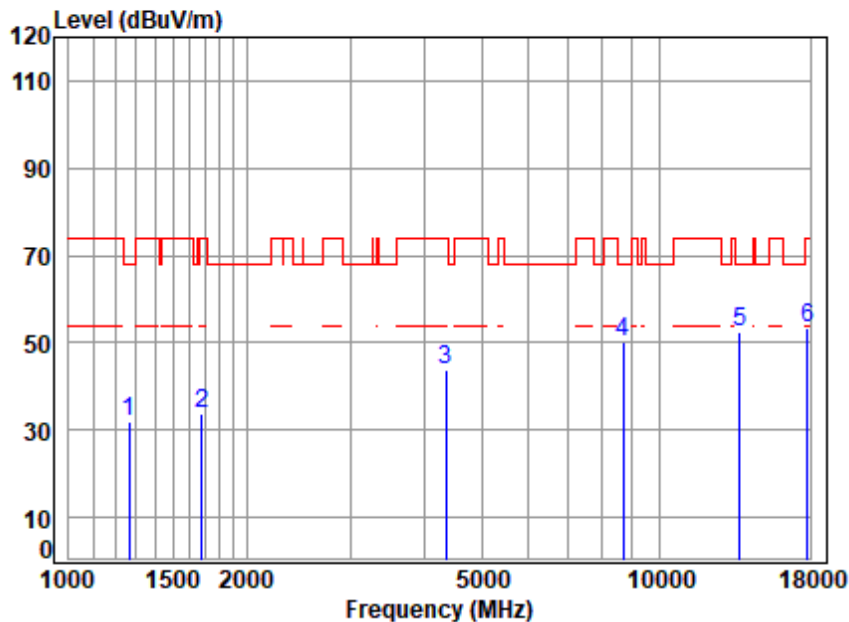


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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6845 TX RSE  
Note : 6E WIFI 11AX40

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1263.796  | 3.69  | 24.56  | 37.52  | 41.08 | 31.81  | 68.20  | -36.39 | peak   |
| 2 | 1682.477  | 4.31  | 26.77  | 36.44  | 39.07 | 33.71  | 74.00  | -40.29 | peak   |
| 3 | 4354.454  | 7.03  | 33.59  | 34.58  | 37.60 | 43.64  | 74.00  | -30.36 | peak   |
| 4 | 8688.480  | 11.38 | 36.68  | 35.68  | 37.69 | 50.07  | 68.20  | -18.13 | peak   |
| 5 | 13690.000 | 13.72 | 39.00  | 37.31  | 36.92 | 52.33  | 68.20  | -15.87 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.70 | 53.41  | 74.00  | -20.59 | peak   |





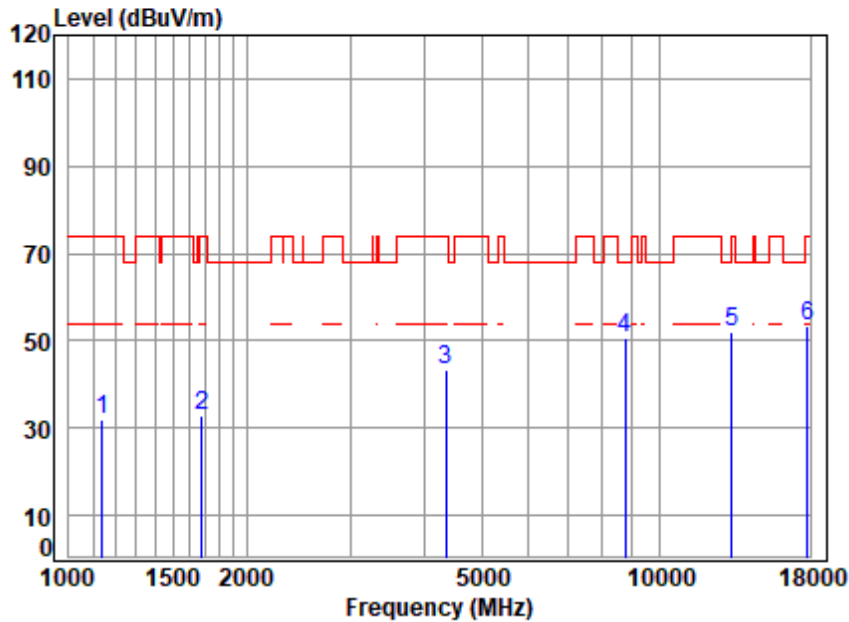
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6625 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1138.904  | 3.47  | 24.16  | 37.91  | 42.10 | 31.82  | 74.00  | -42.18 | peak   |
| 2 | 1682.477  | 4.31  | 26.77  | 36.44  | 38.27 | 32.91  | 74.00  | -41.09 | peak   |
| 3 | 4354.454  | 7.03  | 33.59  | 34.58  | 37.40 | 43.44  | 74.00  | -30.56 | peak   |
| 4 | 8764.146  | 11.51 | 36.70  | 35.63  | 37.94 | 50.52  | 68.20  | -17.68 | peak   |
| 5 | 13250.000 | 13.61 | 38.65  | 37.47  | 37.26 | 52.05  | 68.20  | -16.15 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.49 | 53.20  | 74.00  | -20.80 | peak   |



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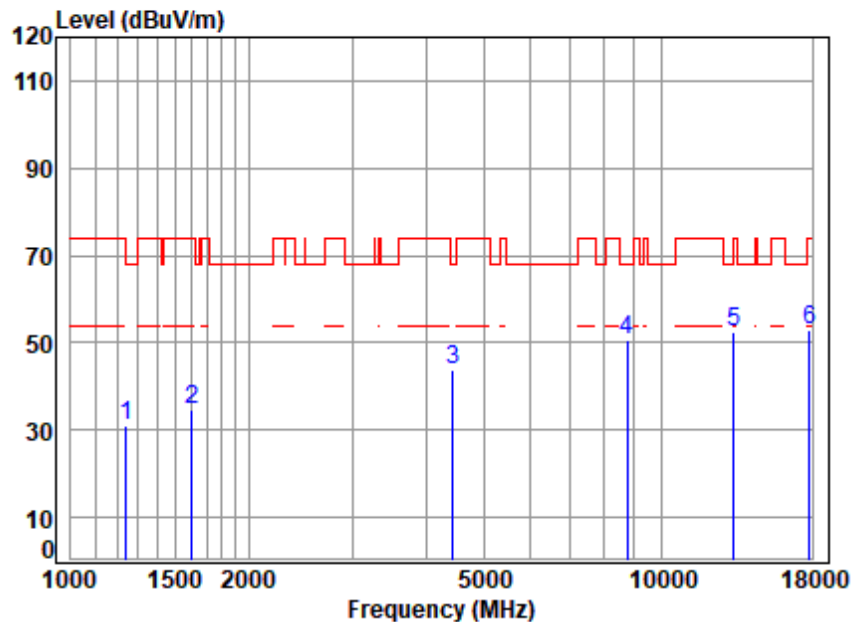
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6625 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1242.068  | 3.66  | 24.48  | 37.58  | 40.32 | 30.88  | 68.20  | -37.32 | peak   |
| 2 | 1601.804  | 4.20  | 26.51  | 36.63  | 40.42 | 34.50  | 74.00  | -39.50 | peak   |
| 3 | 4443.453  | 7.09  | 33.50  | 34.64  | 37.65 | 43.60  | 68.20  | -24.60 | peak   |
| 4 | 8738.852  | 11.46 | 36.70  | 35.65  | 37.99 | 50.50  | 68.20  | -17.70 | peak   |
| 5 | 13250.000 | 13.61 | 38.65  | 37.47  | 37.58 | 52.37  | 68.20  | -15.83 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.34 | 53.14  | 74.00  | -20.86 | peak   |



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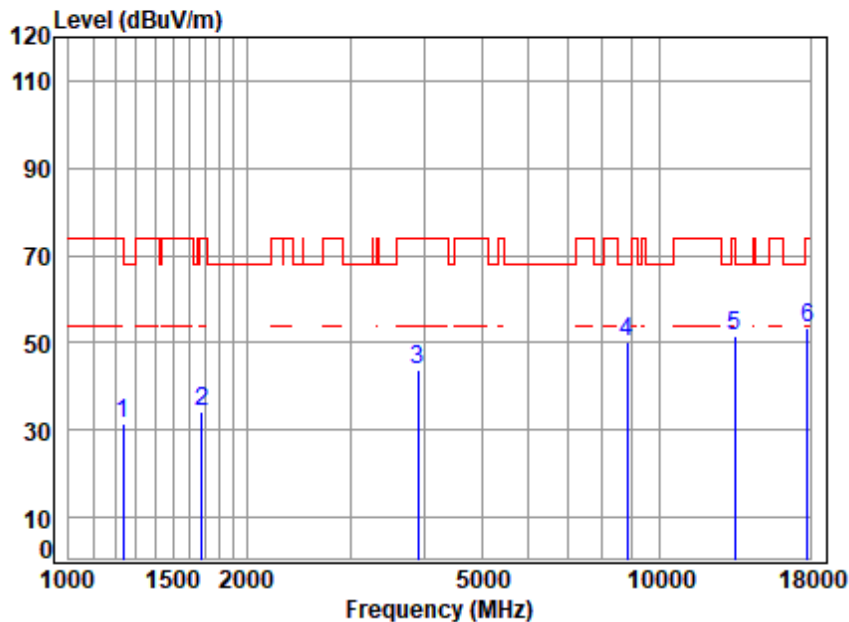
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Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6705 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1238.483  | 3.65  | 24.48  | 37.59  | 41.01 | 31.55  | 74.00  | -42.45 | peak   |
| 2 | 1677.621  | 4.30  | 26.76  | 36.45  | 39.64 | 34.25  | 74.00  | -39.75 | peak   |
| 3 | 3901.516  | 6.68  | 32.60  | 34.43  | 38.81 | 43.66  | 74.00  | -30.34 | peak   |
| 4 | 8814.957  | 11.60 | 36.70  | 35.60  | 37.51 | 50.21  | 68.20  | -17.99 | peak   |
| 5 | 13410.000 | 13.65 | 38.72  | 37.41  | 36.77 | 51.73  | 68.20  | -16.47 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.81 | 53.52  | 74.00  | -20.48 | peak   |



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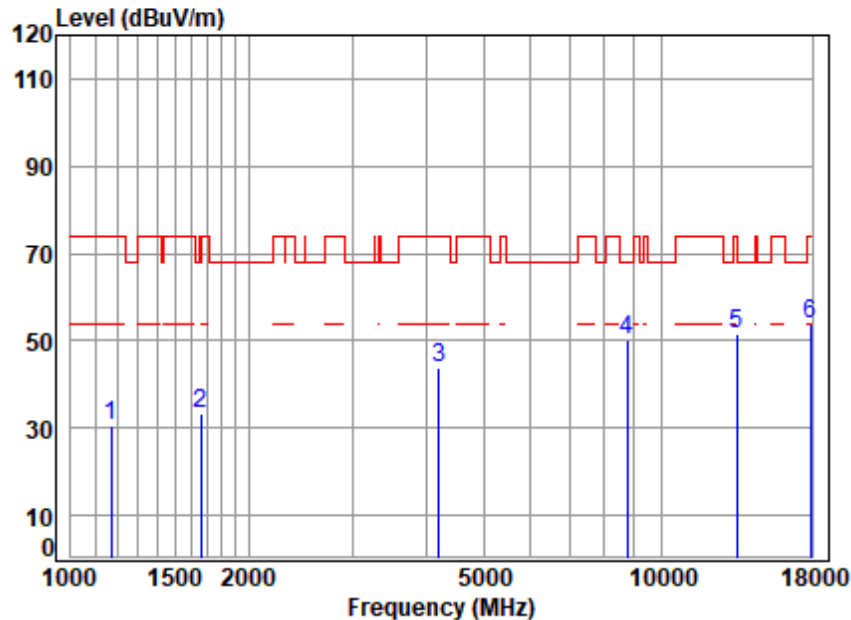
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Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6705 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1172.303  | 3.53  | 24.29  | 37.80  | 40.70 | 30.72  | 74.00  | -43.28 | peak   |
| 2 | 1663.137  | 4.28  | 26.73  | 36.48  | 38.95 | 33.48  | 74.00  | -40.52 | peak   |
| 3 | 4193.872  | 6.92  | 33.36  | 34.47  | 37.79 | 43.60  | 74.00  | -30.40 | peak   |
| 4 | 8764.146  | 11.51 | 36.70  | 35.63  | 37.77 | 50.35  | 68.20  | -17.85 | peak   |
| 5 | 13410.000 | 13.65 | 38.72  | 37.41  | 36.62 | 51.58  | 68.20  | -16.62 | peak   |
| 6 | 17896.250 | 15.09 | 44.20  | 37.40  | 31.76 | 53.65  | 74.00  | -20.35 | peak   |



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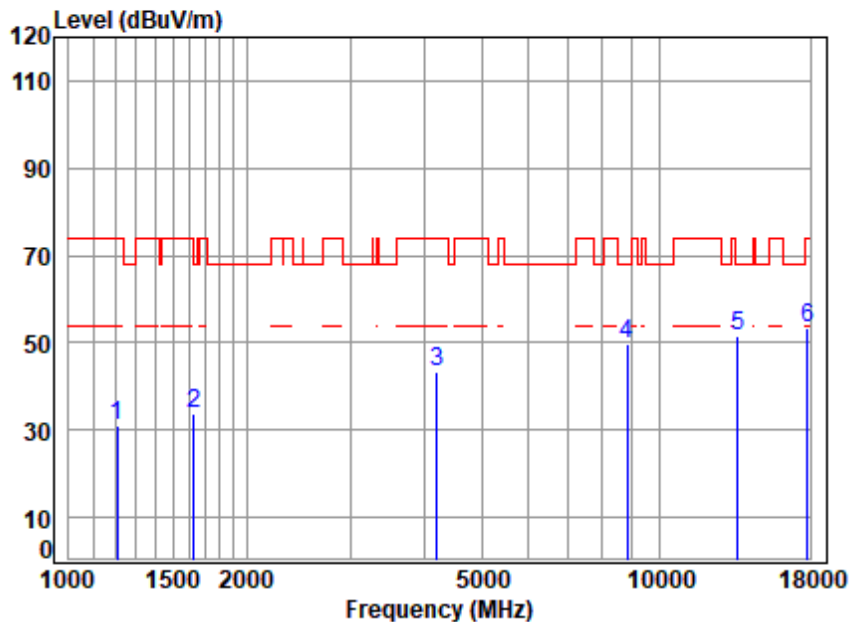
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Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6785 TX RSE  
Note : 6E WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1206.682  | 3.59       | 24.41      | 37.69         | 40.77      | 31.08  | 74.00      | -42.92     | peak   |
| 2 | 1629.825  | 4.24       | 26.62      | 36.56         | 39.26      | 33.56  | 68.20      | -34.64     | peak   |
| 3 | 4206.011  | 6.93       | 33.42      | 34.48         | 37.35      | 43.22  | 74.00      | -30.78     | peak   |
| 4 | 8814.957  | 11.60      | 36.70      | 35.60         | 37.21      | 49.91  | 68.20      | -18.29     | peak   |
| 5 | 13570.000 | 13.69      | 38.97      | 37.35         | 36.47      | 51.78  | 68.20      | -16.42     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.83      | 53.54  | 74.00      | -20.46     | peak   |



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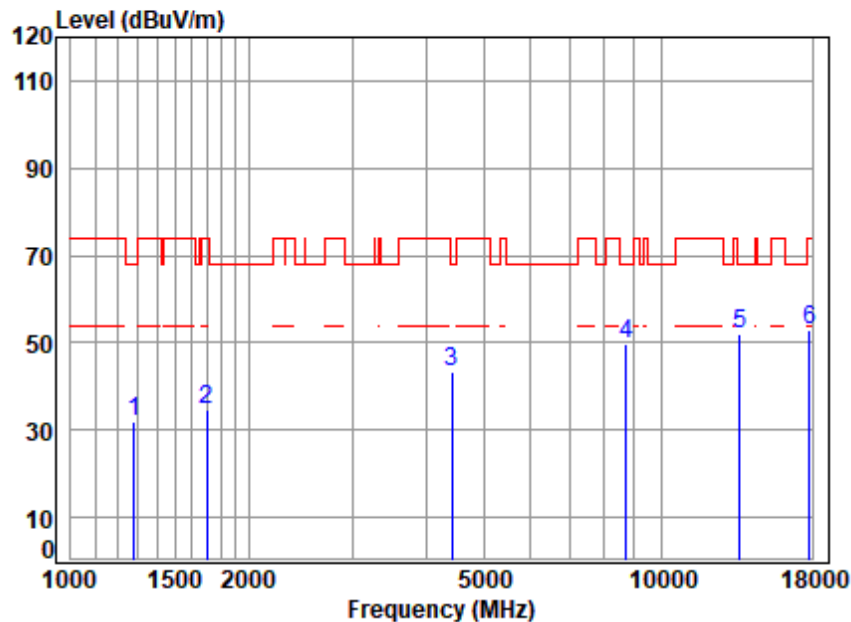
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Report No.: SZCR230800259306

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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6785 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1282.193  | 3.72  | 24.63  | 37.46  | 40.97 | 31.86  | 68.20  | -36.34 | peak   |
| 2 | 1702.042  | 4.33  | 26.80  | 36.40  | 40.05 | 34.78  | 74.00  | -39.22 | peak   |
| 3 | 4417.841  | 7.07  | 33.50  | 34.62  | 37.35 | 43.30  | 68.20  | -24.90 | peak   |
| 4 | 8713.630  | 11.42 | 36.70  | 35.66  | 37.30 | 49.76  | 68.20  | -18.44 | peak   |
| 5 | 13570.000 | 13.69 | 38.97  | 37.35  | 36.63 | 51.94  | 68.20  | -16.26 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.36 | 53.07  | 74.00  | -20.93 | peak   |



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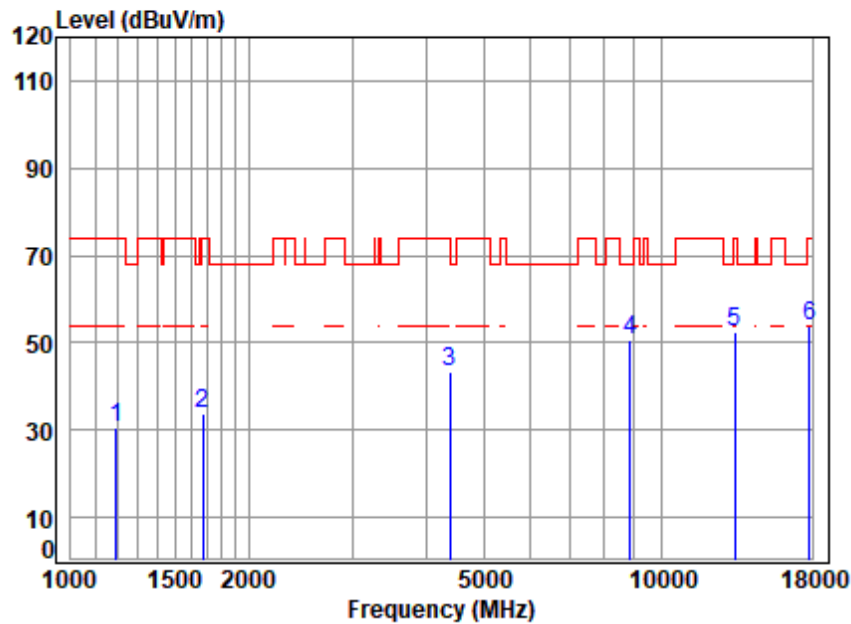
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 28; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6665 TX RSE  
Note : 6E WIFI 11AX160

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1192.811  | 3.57  | 24.37  | 37.74  | 40.17 | 30.37  | 74.00  | -43.63 | peak   |
| 2   | 1672.779  | 4.30  | 26.75  | 36.46  | 39.35 | 33.94  | 74.00  | -40.06 | peak   |
| 3   | 4379.699  | 7.04  | 33.54  | 34.59  | 37.36 | 43.35  | 74.00  | -30.65 | peak   |
| 4 q | 8840.473  | 11.64 | 36.70  | 35.59  | 37.99 | 50.74  | 68.20  | -17.46 | peak   |
| 5   | 13330.000 | 13.63 | 38.70  | 37.44  | 37.52 | 52.41  | 74.00  | -21.59 | peak   |
| 6   | 17793.090 | 15.03 | 44.09  | 37.41  | 31.98 | 53.69  | 74.00  | -20.31 | peak   |



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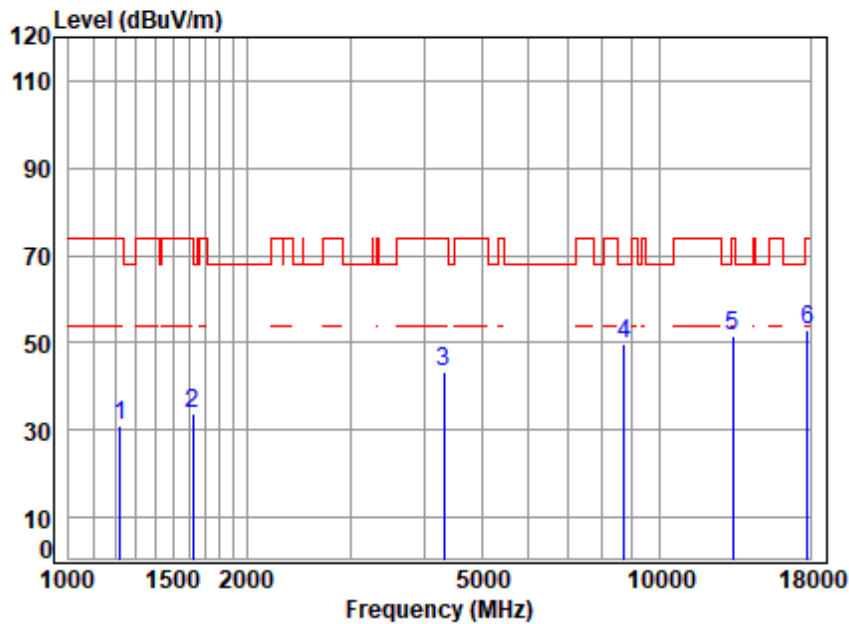
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 28; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6665 TX RSE  
Note : 6E WIFI 11AX160

|     |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|     | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|     | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 1220.714  | 3.62  | 24.44  | 37.65  | 40.73 | 31.14  | 74.00  | -42.86 | peak   |
| 2   | 1620.431  | 4.23  | 26.58  | 36.58  | 39.36 | 33.59  | 74.00  | -40.41 | peak   |
| 3   | 4316.859  | 7.00  | 33.60  | 34.55  | 37.42 | 43.47  | 74.00  | -30.53 | peak   |
| 4 q | 8713.630  | 11.42 | 36.70  | 35.66  | 37.38 | 49.84  | 68.20  | -18.36 | peak   |
| 5   | 13330.000 | 13.63 | 38.70  | 37.44  | 36.47 | 51.36  | 74.00  | -22.64 | peak   |
| 6   | 17793.090 | 15.03 | 44.09  | 37.41  | 31.39 | 53.10  | 74.00  | -20.90 | peak   |



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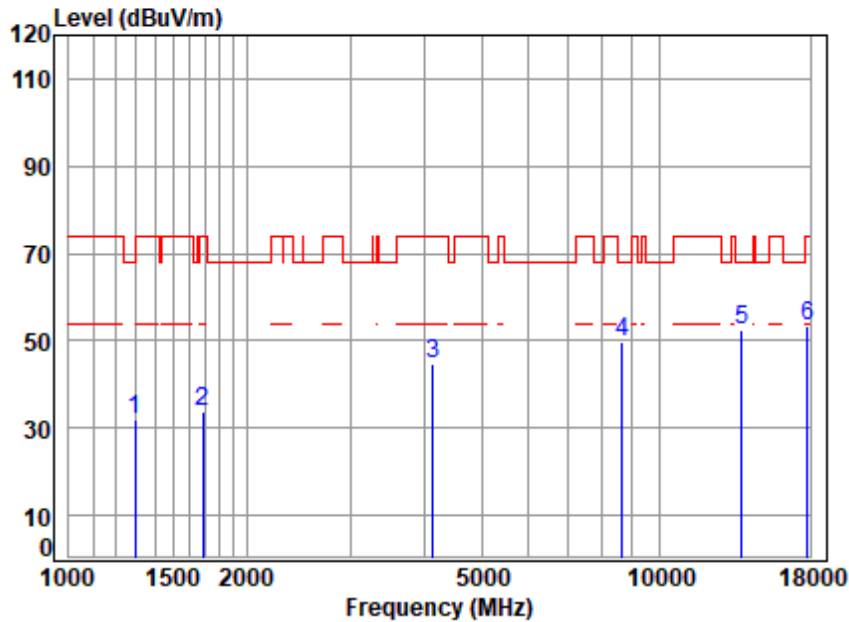
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6895 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1297.103  | 3.75  | 24.69  | 37.42  | 40.73 | 31.75  | 68.20  | -36.45 | peak   |
| 2 | 1687.347  | 4.31  | 26.77  | 36.43  | 39.08 | 33.73  | 74.00  | -40.27 | peak   |
| 3 | 4133.699  | 6.88  | 33.07  | 34.43  | 39.05 | 44.57  | 74.00  | -29.43 | peak   |
| 4 | 8663.404  | 11.33 | 36.63  | 35.69  | 37.66 | 49.93  | 68.20  | -18.27 | peak   |
| 5 | 13790.000 | 13.74 | 39.09  | 37.27  | 36.71 | 52.27  | 68.20  | -15.93 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.49 | 53.20  | 74.00  | -20.80 | peak   |



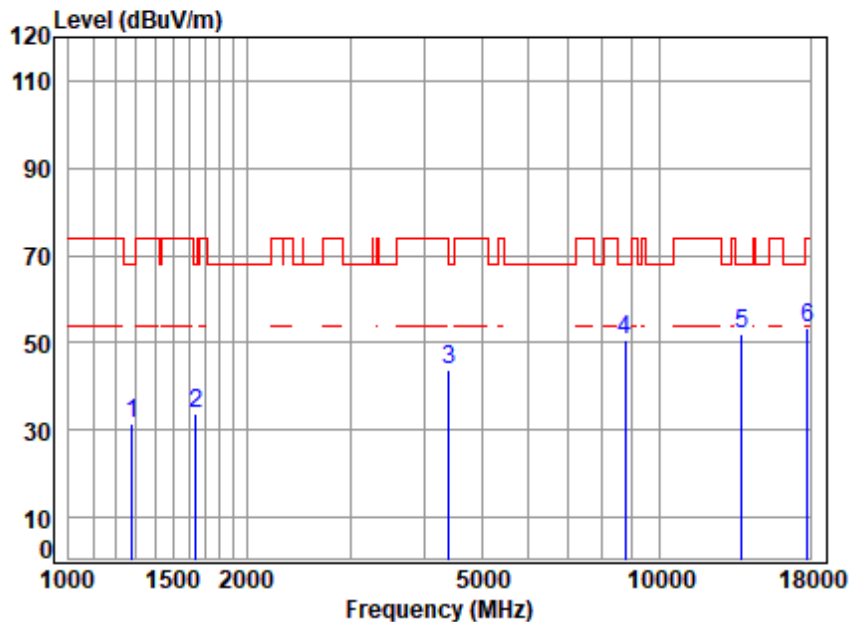
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6895 TX RSE  
 Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1278.492  | 3.72       | 24.61      | 37.47         | 40.43      | 31.29  | 68.20      | -36.91     | peak   |
| 2 | 1639.274  | 4.25       | 26.66      | 36.54         | 39.50      | 33.87  | 68.20      | -34.33     | peak   |
| 3 | 4405.090  | 7.06       | 33.50      | 34.61         | 37.91      | 43.86  | 68.20      | -24.34     | peak   |
| 4 | 8764.146  | 11.51      | 36.70      | 35.63         | 38.29      | 50.87  | 68.20      | -17.33     | peak   |
| 5 | 13790.000 | 13.74      | 39.09      | 37.27         | 36.57      | 52.13  | 68.20      | -16.07     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.57      | 53.28  | 74.00      | -20.72     | peak   |



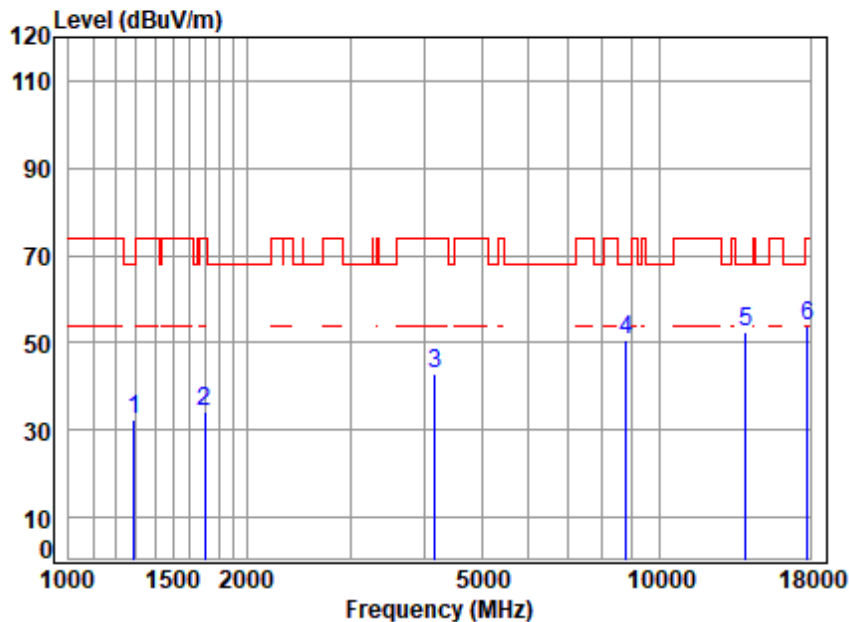
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6995 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1289.627  | 3.74       | 24.66      | 37.44         | 41.52      | 32.48  | 68.20      | -35.72     | peak   |
| 2 | 1697.129  | 4.33       | 26.79      | 36.41         | 39.42      | 34.13  | 74.00      | -39.87     | peak   |
| 3 | 4169.698  | 6.90       | 33.22      | 34.45         | 37.36      | 43.03  | 74.00      | -30.97     | peak   |
| 4 | 8789.516  | 11.55      | 36.70      | 35.62         | 37.96      | 50.59  | 68.20      | -17.61     | peak   |
| 5 | 13990.000 | 13.79      | 39.30      | 37.20         | 36.69      | 52.58  | 68.20      | -15.62     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.87      | 53.67  | 74.00      | -20.33     | peak   |



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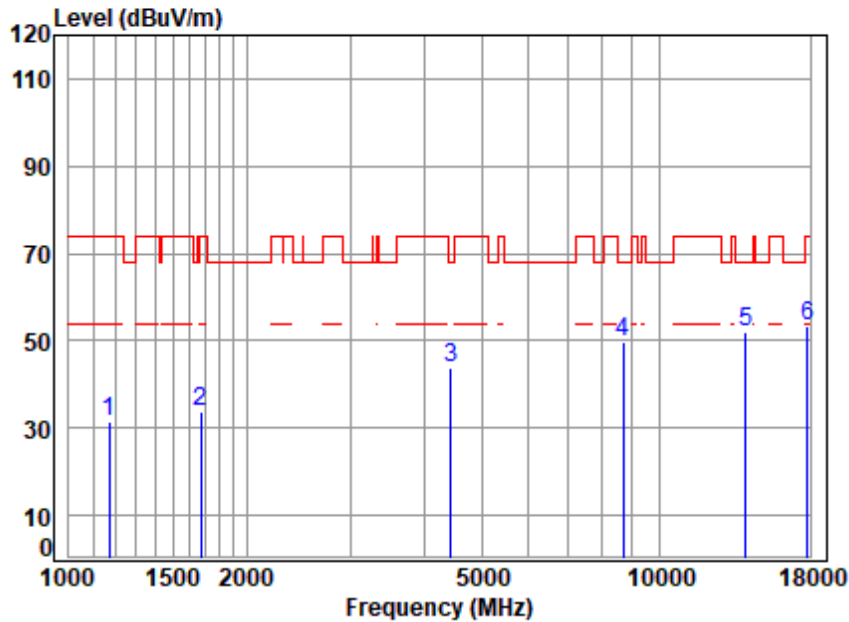
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6995 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1168.920  | 3.53       | 24.28      | 37.81         | 41.49      | 31.49  | 74.00      | -42.51     | peak   |
| 2 | 1672.779  | 4.30       | 26.75      | 36.46         | 39.19      | 33.78  | 74.00      | -40.22     | peak   |
| 3 | 4443.453  | 7.09       | 33.50      | 34.64         | 37.92      | 43.87  | 68.20      | -24.33     | peak   |
| 4 | 8688.480  | 11.38      | 36.68      | 35.68         | 37.47      | 49.85  | 68.20      | -18.35     | peak   |
| 5 | 13990.000 | 13.79      | 39.30      | 37.20         | 36.27      | 52.16  | 68.20      | -16.04     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.65      | 53.45  | 74.00      | -20.55     | peak   |



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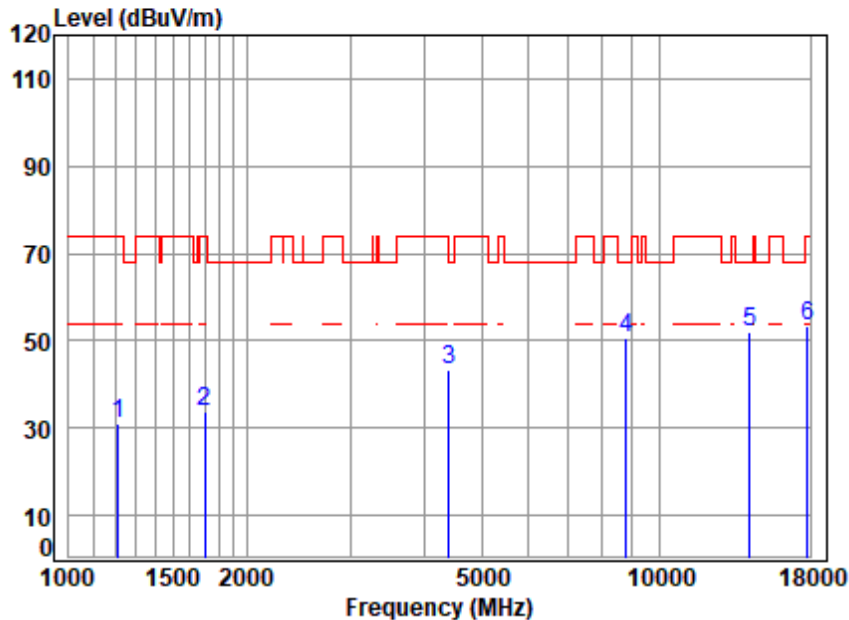
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 7115 TX RSE  
Note : 6E WIFI 11AX20

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1210.174  | 3.60  | 24.42  | 37.68  | 40.87 | 31.21  | 74.00  | -42.79 | peak   |
| 2 | 1702.042  | 4.33  | 26.80  | 36.40  | 39.02 | 33.75  | 74.00  | -40.25 | peak   |
| 3 | 4405.090  | 7.06  | 33.50  | 34.61  | 37.57 | 43.52  | 68.20  | -24.68 | peak   |
| 4 | 8789.516  | 11.55 | 36.70  | 35.62  | 37.84 | 50.47  | 68.20  | -17.73 | peak   |
| 5 | 14230.000 | 13.85 | 39.56  | 37.21  | 35.92 | 52.12  | 68.20  | -16.08 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.89 | 53.60  | 74.00  | -20.40 | peak   |

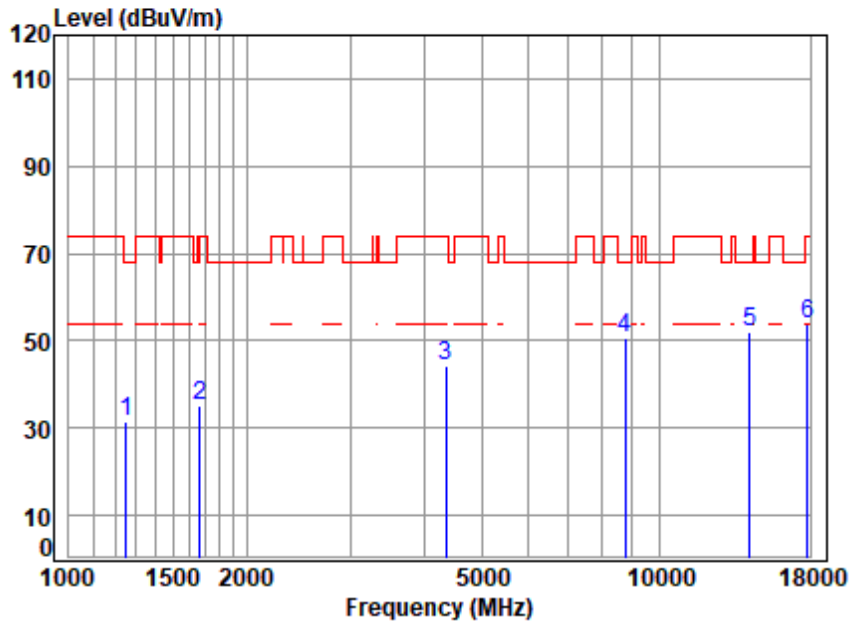


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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 7115 TX RSE  
Note : 6E WIFI 11AX20

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1252.885  | 3.67       | 24.51      | 37.55         | 40.69      | 31.32  | 68.20      | -36.88     | peak   |
| 2 | 1667.951  | 4.29       | 26.74      | 36.47         | 40.37      | 34.93  | 74.00      | -39.07     | peak   |
| 3 | 4354.454  | 7.03       | 33.59      | 34.58         | 38.14      | 44.18  | 74.00      | -29.82     | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 38.00      | 50.51  | 68.20      | -17.69     | peak   |
| 5 | 14230.000 | 13.85      | 39.56      | 37.21         | 35.87      | 52.07  | 68.20      | -16.13     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.90      | 53.70  | 74.00      | -20.30     | peak   |



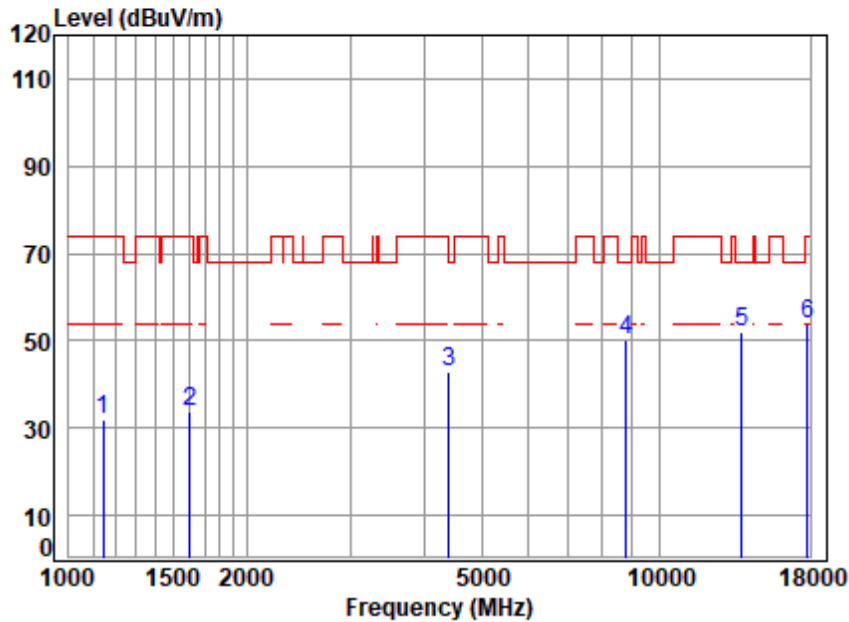
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6885 TX RSE  
Note : 6E WIFI 11AX40

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1142.201  | 3.48  | 24.17  | 37.90  | 42.17 | 31.92  | 74.00  | -42.08 | peak   |
| 2 | 1601.804  | 4.20  | 26.51  | 36.63  | 39.60 | 33.68  | 74.00  | -40.32 | peak   |
| 3 | 4405.090  | 7.06  | 33.50  | 34.61  | 37.10 | 43.05  | 68.20  | -25.15 | peak   |
| 4 | 8789.516  | 11.55 | 36.70  | 35.62  | 37.66 | 50.29  | 68.20  | -17.91 | peak   |
| 5 | 13770.000 | 13.74 | 39.07  | 37.28  | 36.26 | 51.79  | 68.20  | -16.41 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.85 | 53.65  | 74.00  | -20.35 | peak   |



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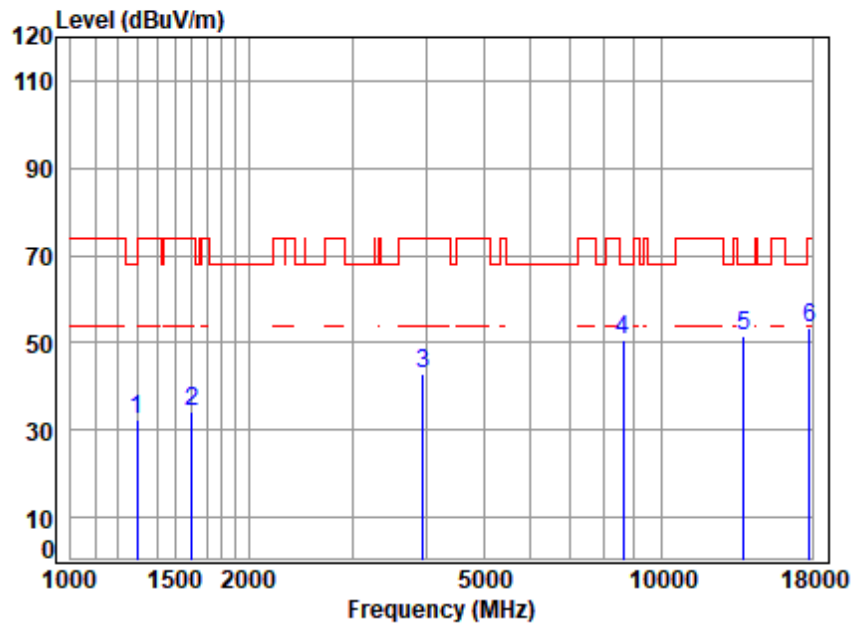
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6885 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1293.359  | 3.74       | 24.67      | 37.43         | 41.34      | 32.32  | 68.20      | -35.88     | peak   |
| 2 | 1606.441  | 4.21       | 26.53      | 36.62         | 39.96      | 34.08  | 74.00      | -39.92     | peak   |
| 3 | 3946.885  | 6.72       | 32.60      | 34.38         | 38.15      | 43.09  | 74.00      | -30.91     | peak   |
| 4 | 8613.468  | 11.24      | 36.60      | 35.72         | 38.34      | 50.46  | 68.20      | -17.74     | peak   |
| 5 | 13770.000 | 13.74      | 39.07      | 37.28         | 36.18      | 51.71  | 68.20      | -16.49     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.63      | 53.34  | 74.00      | -20.66     | peak   |



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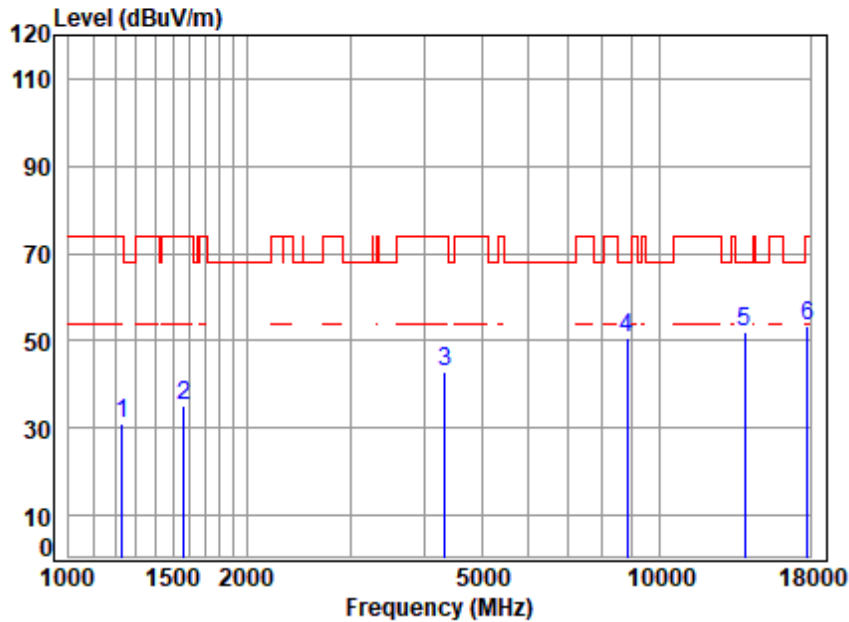
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6965 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1231.345  | 3.64       | 24.46      | 37.62         | 40.46      | 30.94  | 74.00      | -43.06     | peak   |
| 2 | 1565.191  | 4.15       | 26.08      | 36.71         | 41.44      | 34.96  | 74.00      | -39.04     | peak   |
| 3 | 4329.354  | 7.01       | 33.60      | 34.56         | 36.88      | 42.93  | 74.00      | -31.07     | peak   |
| 4 | 8814.957  | 11.60      | 36.70      | 35.60         | 38.10      | 50.80  | 68.20      | -17.40     | peak   |
| 5 | 13930.000 | 13.77      | 39.30      | 37.22         | 35.98      | 51.83  | 68.20      | -16.37     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.80      | 53.51  | 74.00      | -20.49     | peak   |



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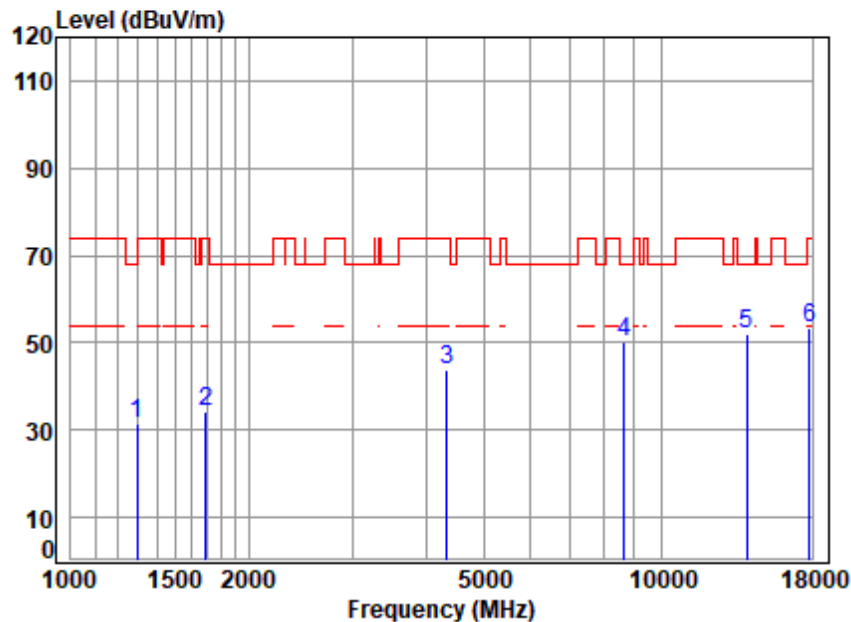
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6965 TX RSE  
Note : 6E WIFI 11AX40

|   |            | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq       | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz        | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1297.103   | 3.75  | 24.69  | 37.42  | 40.67 | 31.69  | 68.20  | -36.51 | peak   |
| 2 | 1692.231   | 4.32  | 26.78  | 36.42  | 39.40 | 34.08  | 74.00  | -39.92 | peak   |
| 3 | 4329.354   | 7.01  | 33.60  | 34.56  | 37.96 | 44.01  | 74.00  | -29.99 | peak   |
| 4 | 8638.399   | 11.29 | 36.60  | 35.71  | 37.99 | 50.17  | 68.20  | -18.03 | peak   |
| 5 | q13930.000 | 13.77 | 39.30  | 37.22  | 36.34 | 52.19  | 68.20  | -16.01 | peak   |
| 6 | 17793.090  | 15.03 | 44.09  | 37.41  | 31.80 | 53.51  | 74.00  | -20.49 | peak   |



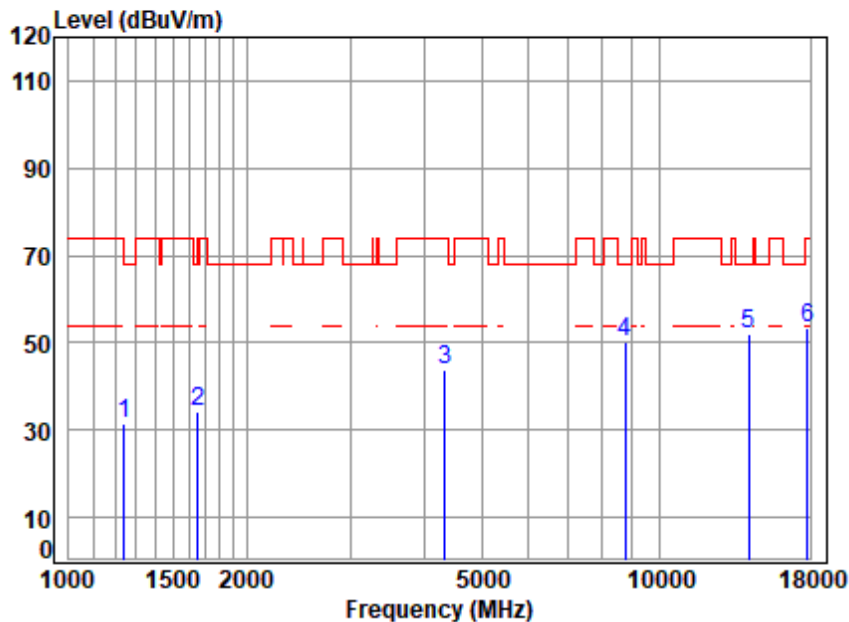
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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High

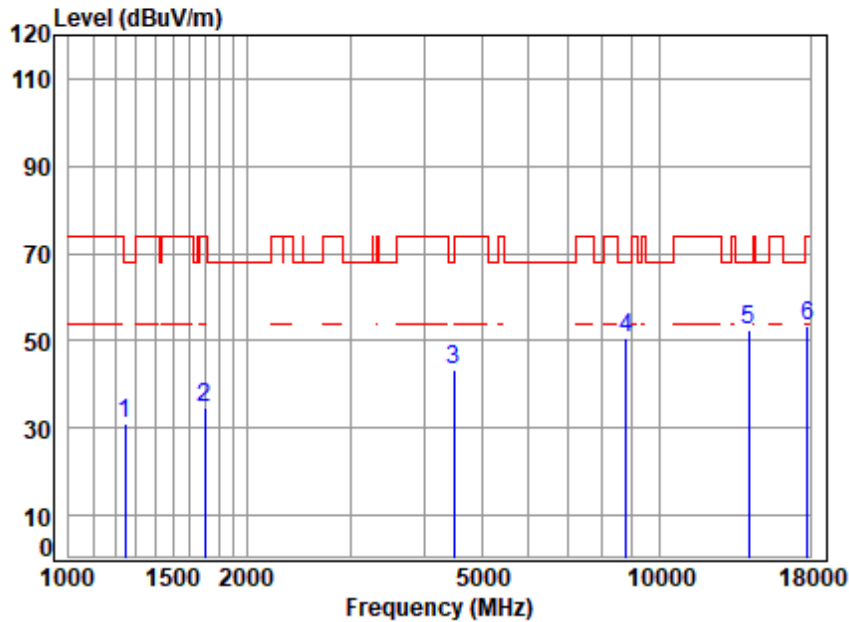


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 7085 TX RSE  
Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over   | Remark |
|---|-----------|------------|------------|---------------|------------|--------|--------|--------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB     |        |
| 1 | 1242.068  | 3.66       | 24.48      | 37.58         | 41.08      | 31.64  | 68.20  | -36.56 | peak   |
| 2 | 1653.550  | 4.27       | 26.71      | 36.51         | 39.63      | 34.10  | 68.20  | -34.10 | peak   |
| 3 | 4341.886  | 7.02       | 33.60      | 34.57         | 37.79      | 43.84  | 74.00  | -30.16 | peak   |
| 4 | 8738.852  | 11.46      | 36.70      | 35.65         | 37.89      | 50.40  | 68.20  | -17.80 | peak   |
| 5 | 14170.000 | 13.84      | 39.47      | 37.21         | 35.94      | 52.04  | 68.20  | -16.16 | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.48      | 53.19  | 74.00  | -20.81 | peak   |



Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 7085 TX RSE  
 Note : 6E WIFI 11AX40

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1245.663  | 3.66       | 24.49      | 37.57         | 40.40      | 30.98  | 68.20      | -37.22     | peak   |
| 2 | 1702.042  | 4.33       | 26.80      | 36.40         | 39.77      | 34.50  | 74.00      | -39.50     | peak   |
| 3 | 4482.150  | 7.11       | 33.50      | 34.66         | 37.24      | 43.19  | 68.20      | -25.01     | peak   |
| 4 | 8789.516  | 11.55      | 36.70      | 35.62         | 37.93      | 50.56  | 68.20      | -17.64     | peak   |
| 5 | 14170.000 | 13.84      | 39.47      | 37.21         | 36.19      | 52.29  | 68.20      | -15.91     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.45      | 53.16  | 74.00      | -20.84     | peak   |





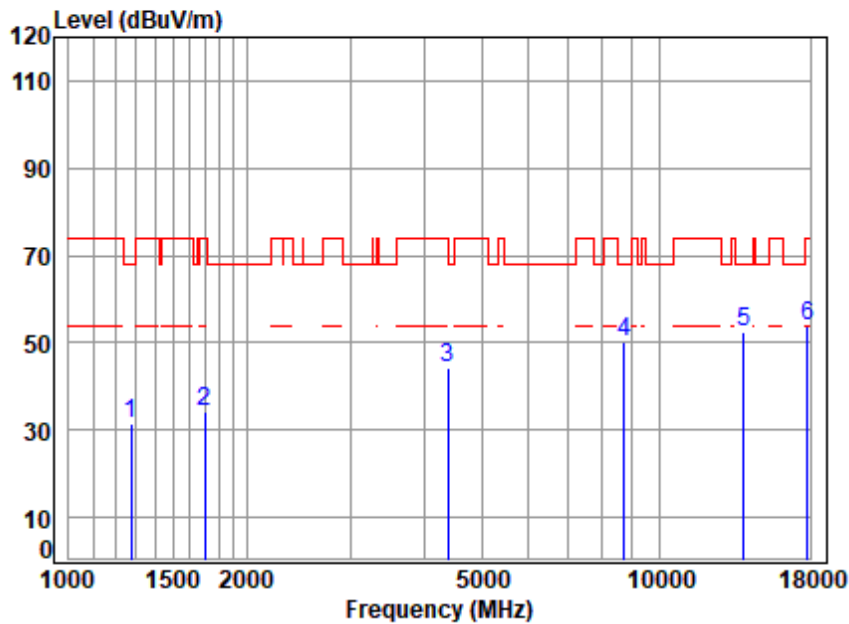
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6945 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1274.802  | 3.71  | 24.60  | 37.49  | 40.81 | 31.63  | 68.20  | -36.57 | peak   |
| 2 | 1702.042  | 4.33  | 26.80  | 36.40  | 39.44 | 34.17  | 74.00  | -39.83 | peak   |
| 3 | 4392.376  | 7.05  | 33.52  | 34.60  | 38.25 | 44.22  | 74.00  | -29.78 | peak   |
| 4 | 8713.630  | 11.42 | 36.70  | 35.66  | 37.96 | 50.42  | 68.20  | -17.78 | peak   |
| 5 | 13890.000 | 13.76 | 39.28  | 37.24  | 36.84 | 52.64  | 68.20  | -15.56 | peak   |
| 6 | 17844.590 | 15.06 | 44.14  | 37.40  | 31.88 | 53.68  | 74.00  | -20.32 | peak   |



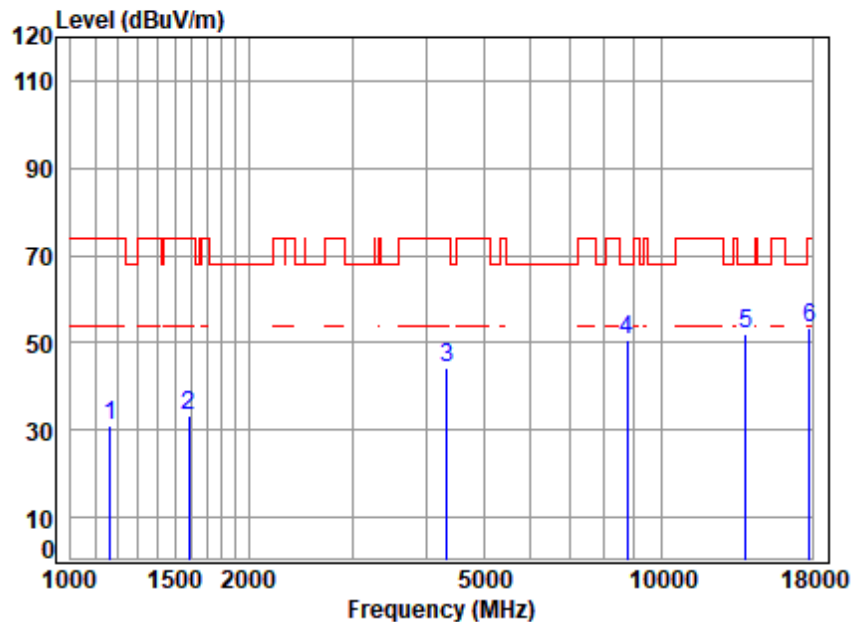
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 6945 TX RSE  
Note : 6E WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit  | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|--------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m | dB         |        |
| 1 | 1165.546  | 3.52       | 24.26      | 37.82         | 41.29      | 31.25  | 74.00  | -42.75     | peak   |
| 2 | 1583.392  | 4.18       | 26.30      | 36.67         | 39.66      | 33.47  | 74.00  | -40.53     | peak   |
| 3 | 4329.354  | 7.01       | 33.60      | 34.56         | 38.12      | 44.17  | 74.00  | -29.83     | peak   |
| 4 | 8764.146  | 11.51      | 36.70      | 35.63         | 38.16      | 50.74  | 68.20  | -17.46     | peak   |
| 5 | 13890.000 | 13.76      | 39.28      | 37.24         | 36.05      | 51.85  | 68.20  | -16.35     | peak   |
| 6 | 17844.590 | 15.06      | 44.14      | 37.40         | 31.78      | 53.58  | 74.00  | -20.42     | peak   |



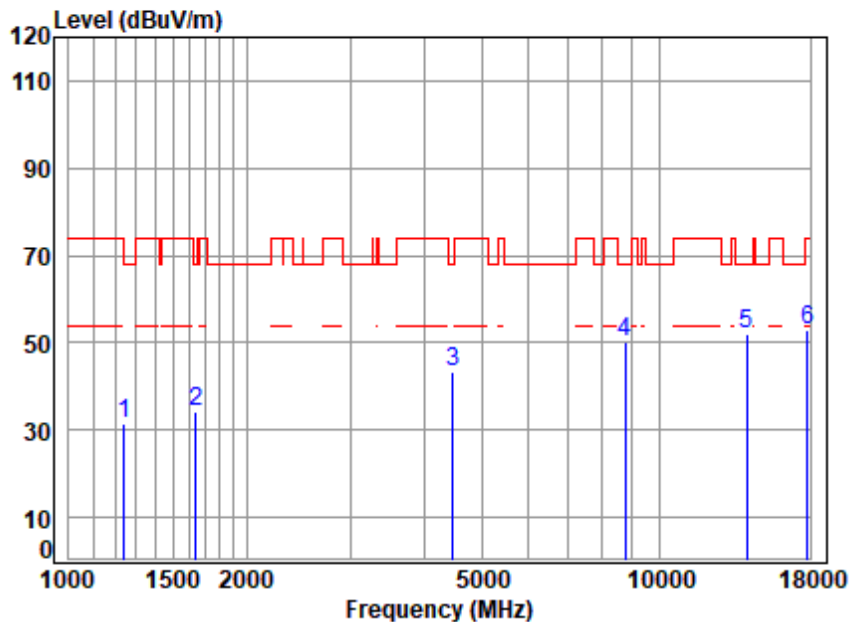
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 7025 TX RSE  
Note : 6E WIFI 11AX80

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1242.068  | 3.66       | 24.48      | 37.58         | 40.95      | 31.51  | 68.20      | -36.69     | peak   |
| 2 | 1639.274  | 4.25       | 26.66      | 36.54         | 39.70      | 34.07  | 68.20      | -34.13     | peak   |
| 3 | 4469.214  | 7.10       | 33.50      | 34.65         | 37.37      | 43.32  | 68.20      | -24.88     | peak   |
| 4 | 8764.146  | 11.51      | 36.70      | 35.63         | 37.52      | 50.10  | 68.20      | -18.10     | peak   |
| 5 | 14050.000 | 13.80      | 39.35      | 37.20         | 36.11      | 52.06  | 68.20      | -16.14     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.40      | 53.11  | 74.00      | -20.89     | peak   |



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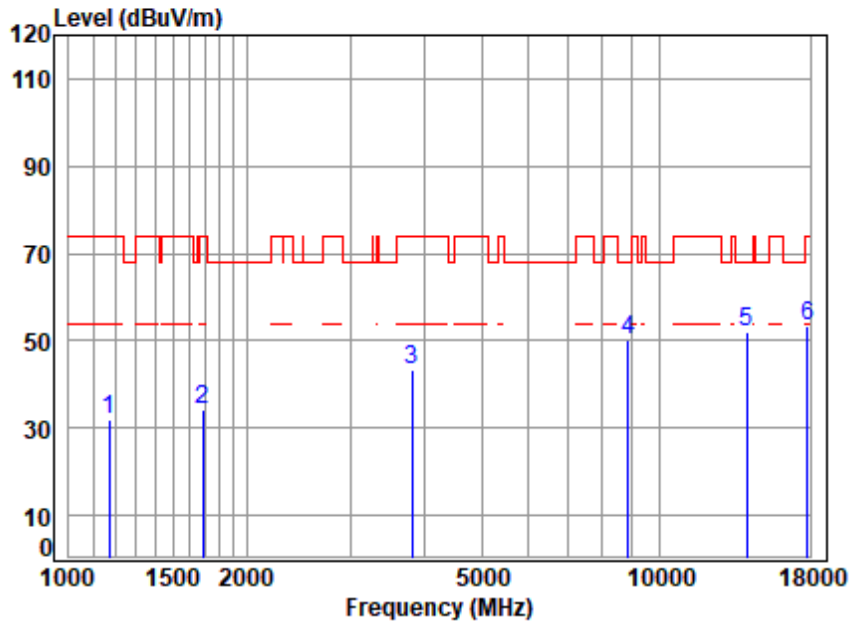
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 02593AT/02594AT  
Mode : 7025 TX RSE  
Note : 6E WIFI 11AX80

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1168.920  | 3.53  | 24.28  | 37.81  | 42.06 | 32.06  | 74.00  | -41.94 | peak   |
| 2 | 1687.347  | 4.31  | 26.77  | 36.43  | 39.58 | 34.23  | 74.00  | -39.77 | peak   |
| 3 | 3812.336  | 6.58  | 32.78  | 34.52  | 38.42 | 43.26  | 74.00  | -30.74 | peak   |
| 4 | 8840.473  | 11.64 | 36.70  | 35.59  | 37.58 | 50.33  | 68.20  | -17.87 | peak   |
| 5 | 14050.000 | 13.80 | 39.35  | 37.20  | 36.09 | 52.04  | 68.20  | -16.16 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.56 | 53.27  | 74.00  | -20.73 | peak   |



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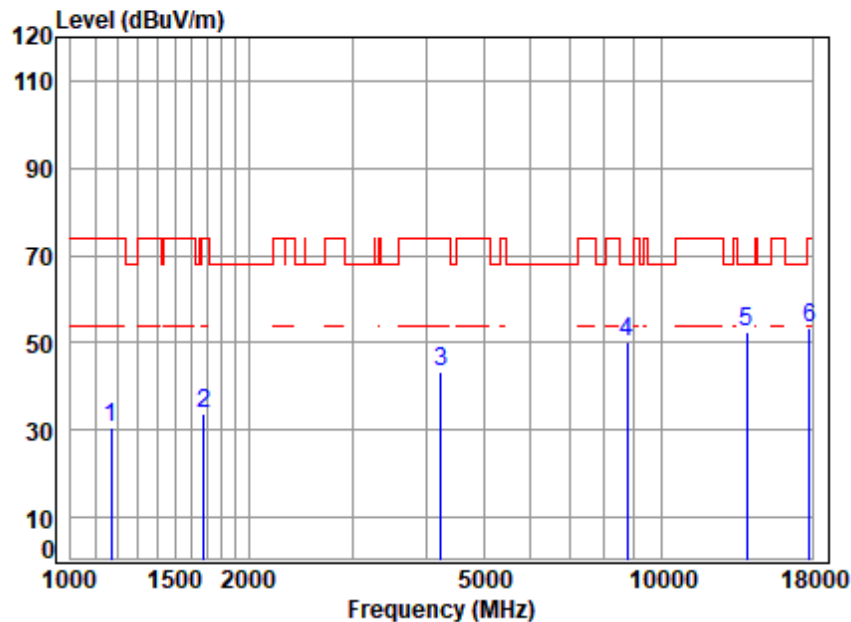
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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230800259306

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Test Mode: 30; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 02593AT/02594AT  
Mode : 6985 TX RSE  
Note : 6E WIFI 11AX160

|   |           | Cable | Ant    | Preamp | Read  |        | Limit  | Over   |        |
|---|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | 1168.920  | 3.53  | 24.28  | 37.81  | 40.75 | 30.75  | 74.00  | -43.25 | peak   |
| 2 | 1677.621  | 4.30  | 26.76  | 36.45  | 39.09 | 33.70  | 74.00  | -40.30 | peak   |
| 3 | 4230.396  | 6.94  | 33.52  | 34.49  | 37.26 | 43.23  | 74.00  | -30.77 | peak   |
| 4 | 8738.852  | 11.46 | 36.70  | 35.65  | 37.50 | 50.01  | 68.20  | -18.19 | peak   |
| 5 | 13970.000 | 13.78 | 39.30  | 37.21  | 36.75 | 52.62  | 68.20  | -15.58 | peak   |
| 6 | 17793.090 | 15.03 | 44.09  | 37.41  | 31.62 | 53.33  | 74.00  | -20.67 | peak   |



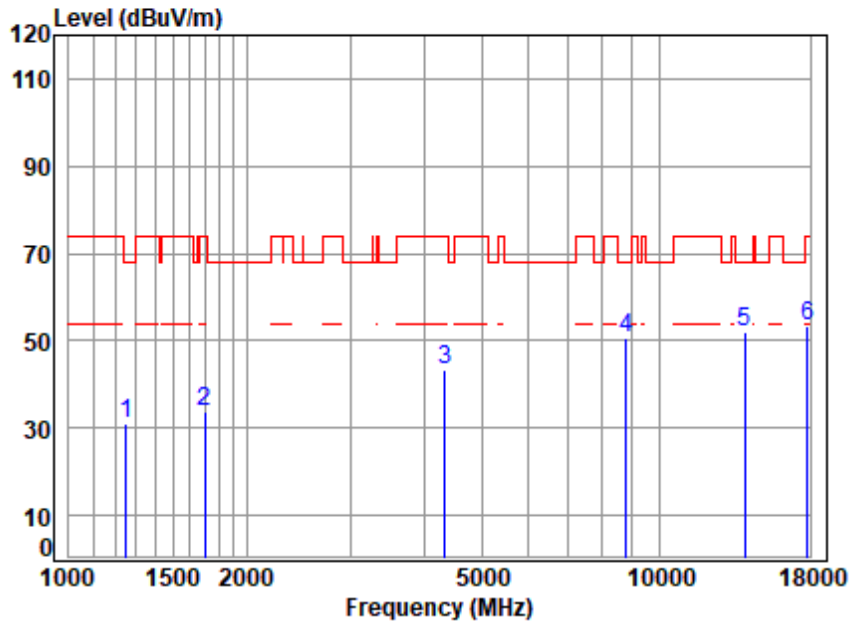
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Test Mode: 30; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 02593AT/02594AT  
 Mode : 6985 TX RSE  
 Note : 6E WIFI 11AX160

|   | Freq      | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level  | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
|   | MHz       | dB         | dB/m       | dB            | dBuV       | dBuV/m | dBuV/m     | dB         |        |
| 1 | 1252.885  | 3.67       | 24.51      | 37.55         | 40.57      | 31.20  | 68.20      | -37.00     | peak   |
| 2 | 1697.129  | 4.33       | 26.79      | 36.41         | 39.08      | 33.79  | 74.00      | -40.21     | peak   |
| 3 | 4341.886  | 7.02       | 33.60      | 34.57         | 37.36      | 43.41  | 74.00      | -30.59     | peak   |
| 4 | 8789.516  | 11.55      | 36.70      | 35.62         | 37.95      | 50.58  | 68.20      | -17.62     | peak   |
| 5 | 13970.000 | 13.78      | 39.30      | 37.21         | 36.30      | 52.17  | 68.20      | -16.03     | peak   |
| 6 | 17793.090 | 15.03      | 44.09      | 37.41         | 31.79      | 53.50  | 74.00      | -20.50     | peak   |



## 7.6 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1  
 Test Method: KDB 905462 D02 Section 7.8.3  
 Limit:

| Test item                         | Limit   | Applicability                                |                                |
|-----------------------------------|---|--|--------------------------------|
|                                   |   | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes  | Yes  | Not required                   |
| Channel Availability Check Time   | 60 seconds  | Yes  | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.   | Yes  | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes  | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   | Yes  | Not required                   |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.6.1 E.U.T. Operation

Operating Environment:

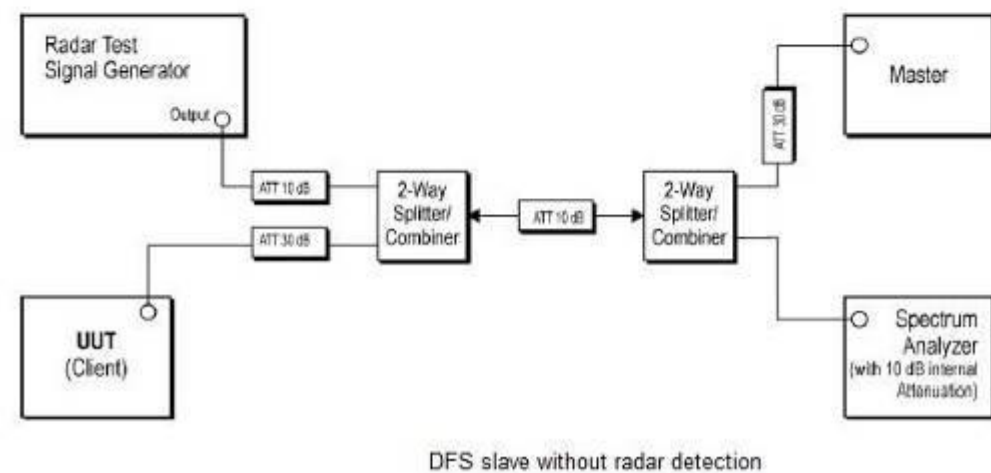
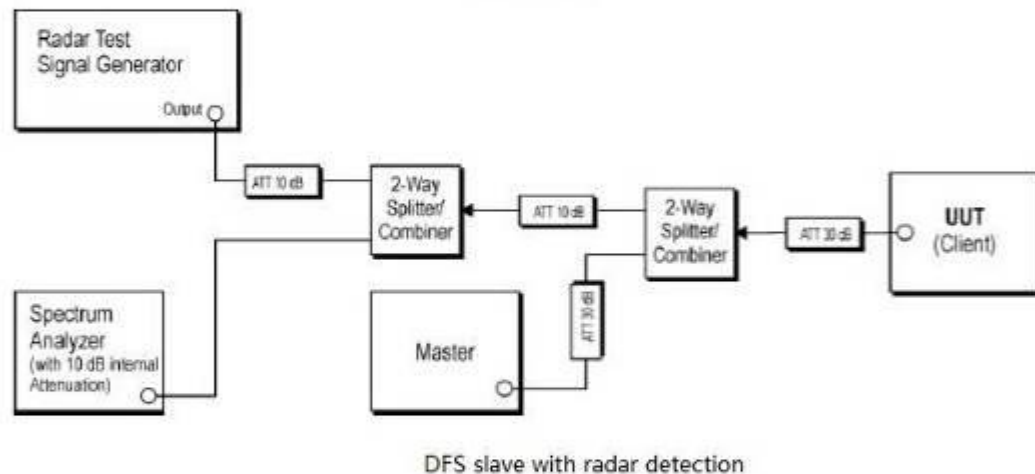
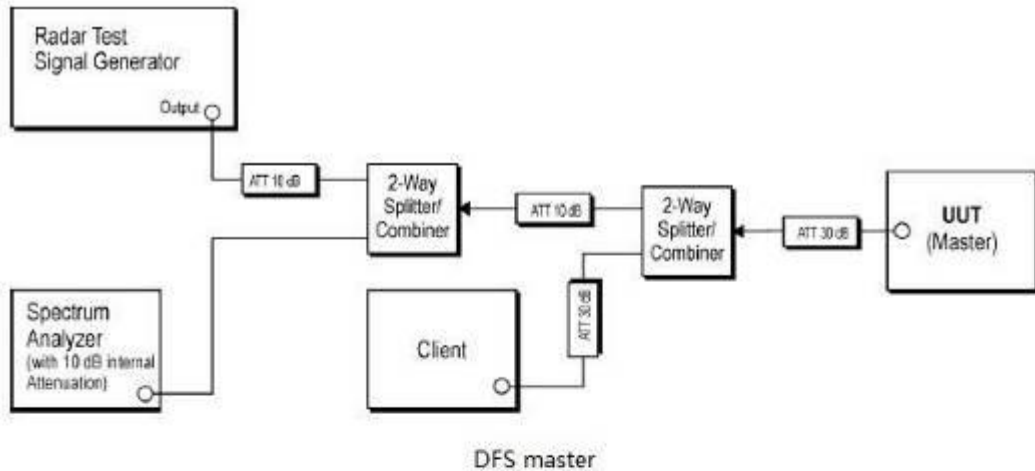
Temperature: 22.4 °C Humidity: 53.7 % RH Atmospheric Pressure: 1005 mbar

### 7.6.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description  |
|--------------------------|--------------|--|
| Final test               | 33           | Normal operating_Keep the EUT communication with the companion device. |



### 7.6.3 Test Setup Diagram





## 7.6.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

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## 7.7 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1  
 Test Method: KDB 905462 D02 Section 7.8.3  
 Limit:

| Test item                         | Limit   | Applicability                                |                                |
|-----------------------------------|---|--|--------------------------------|
|                                   |   | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes  | Yes  | Not required                   |
| Channel Availability Check Time   | 60 seconds  | Yes  | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.   | Yes  | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes  | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   | Yes  | Not required                   |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.7.1 E.U.T. Operation

Operating Environment:

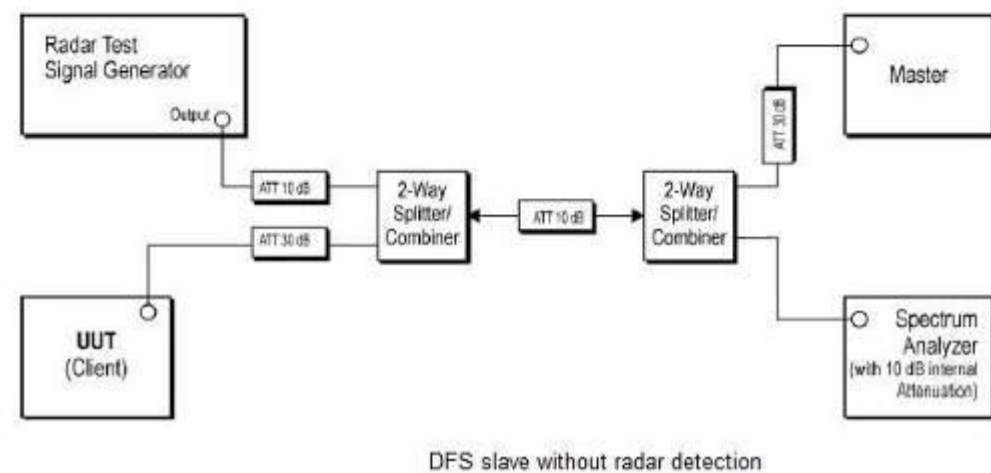
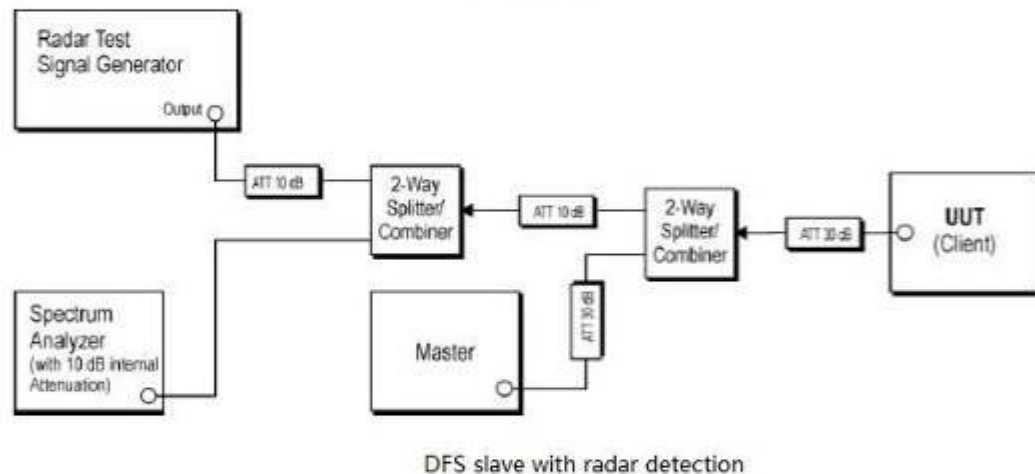
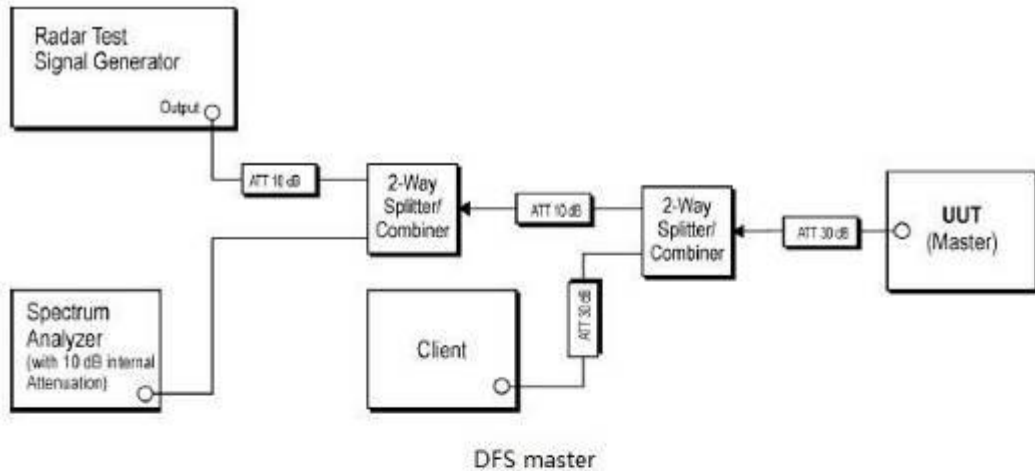
Temperature: 22.4 °C Humidity: 53.7 % RH Atmospheric Pressure: 1005 mbar

### 7.7.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description  |
|--------------------------|--------------|--|
| Final test               | 33           | Normal operating_Keep the EUT communication with the companion device. |



### 7.7.3 Test Setup Diagram



## 7.7.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

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## 7.8 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1  
 Test Method: KDB 905462 D02 Section 7.8.3  
 Limit:

| Test item                         | Limit   | Applicability                                |                                |
|-----------------------------------|---|--|--------------------------------|
|                                   |   | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes  | Yes  | Not required                   |
| Channel Availability Check Time   | 60 seconds  | Yes  | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.   | Yes  | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes  | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   | Yes  | Not required                   |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.8.1 E.U.T. Operation

Operating Environment:

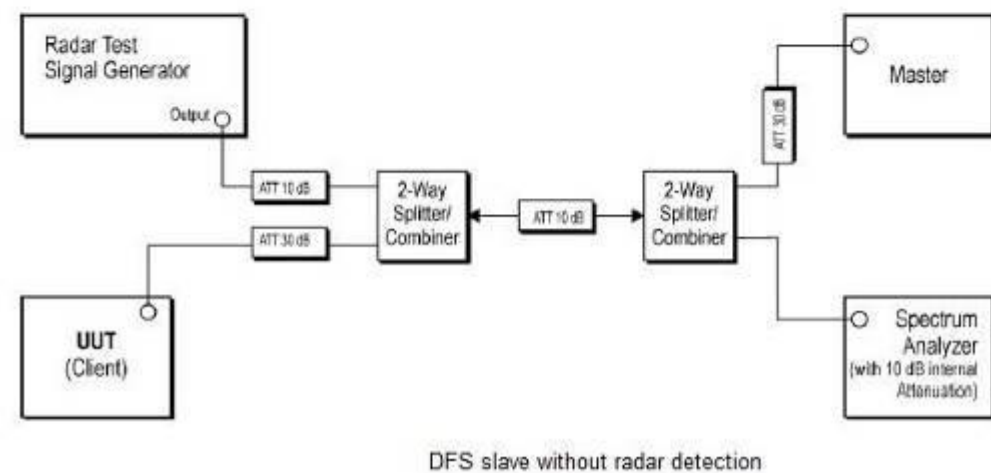
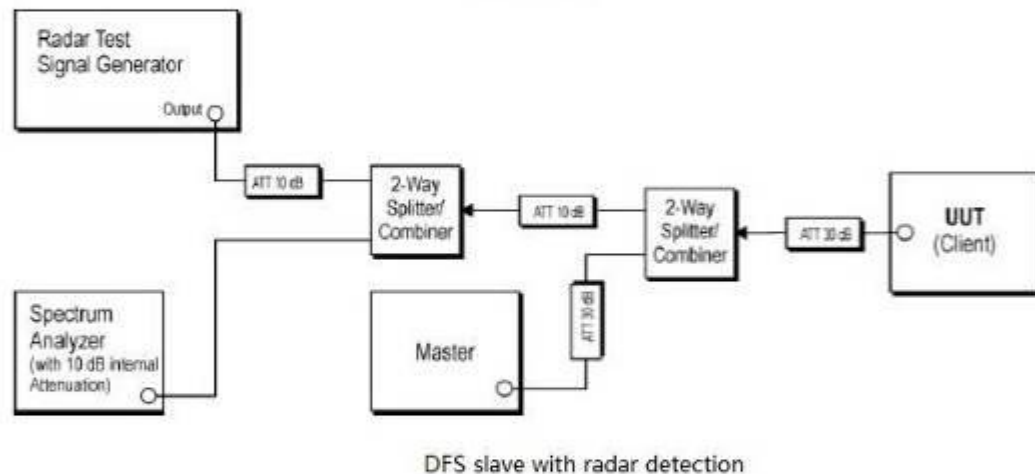
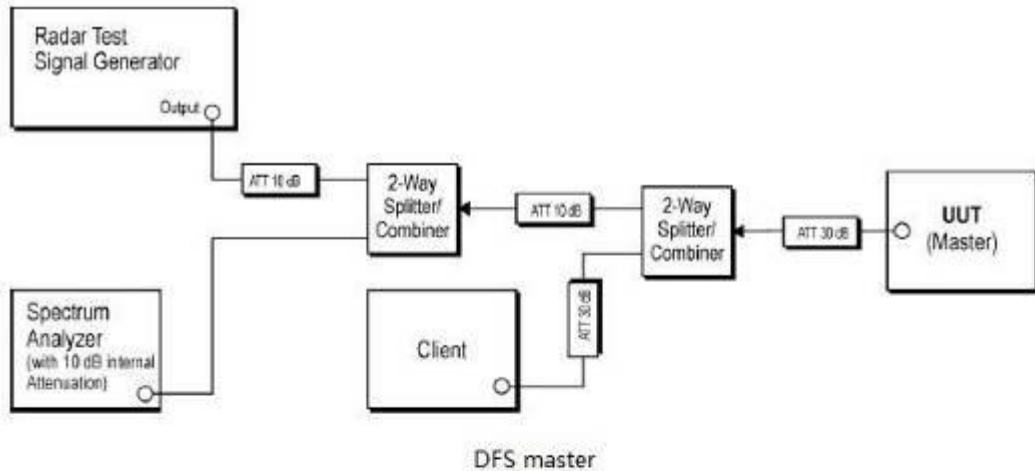
Temperature: 22.4 °C Humidity: 53.7 % RH Atmospheric Pressure: 1005 mbar

### 7.8.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description  |
|--------------------------|--------------|--|
| Final test               | 33           | Normal operating_Keep the EUT communication with the companion device. |



### 7.8.3 Test Setup Diagram



## 7.8.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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### 8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2308002593AT

### 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2308002593AT



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## 10 Appendix

Note: only record the worst test result.

### 1. Contention Based Protocol

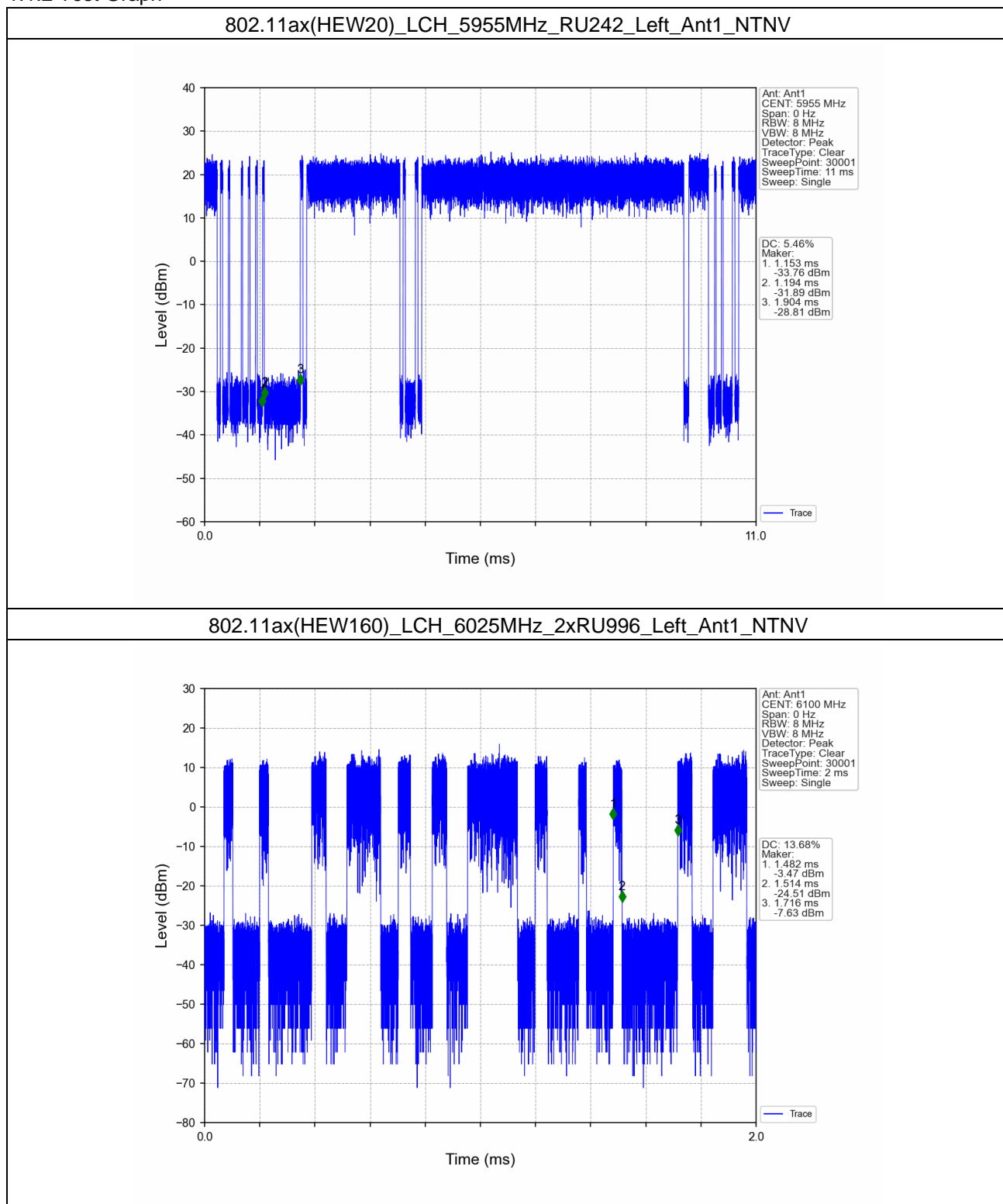
#### 1.1 DC\_Ant1

##### 1.1.1 Test Result

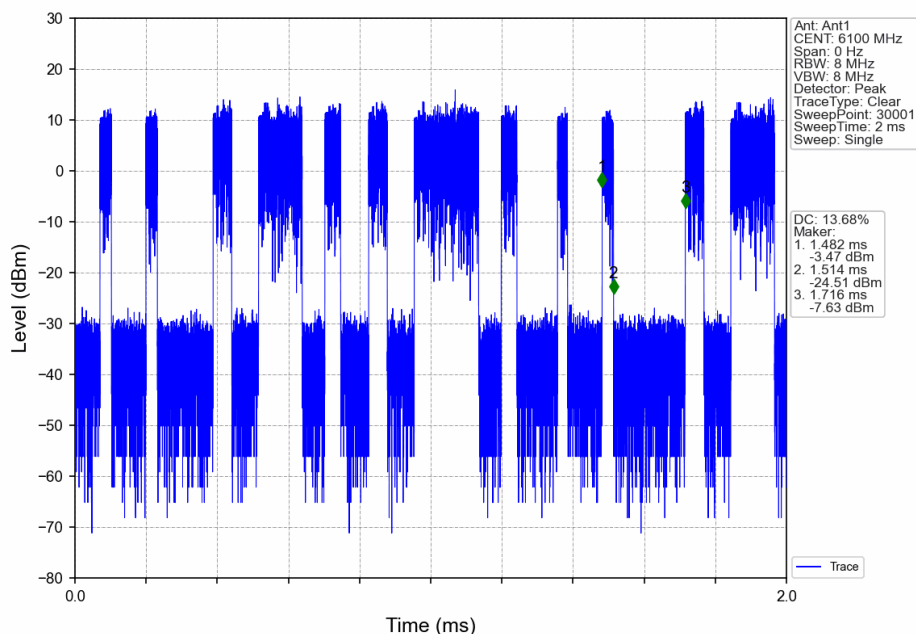
| Ant1_NTNV         |         |            |         |        |           |             |                |                                   |                       |
|-------------------|---------|------------|---------|--------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode              | TX Type | Freq (MHz) | RU      | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11ax (HEW20)  | MIMO    | 5955       | RU242   | Left   | 0.041     | 0.751       | 5.46           | 12.63                             | 92.78                 |
| 802.11ax (HEW160) | MIMO    | 6025       | 2xRU996 | Left   | 0.032     | 0.234       | 13.68          | 8.64                              | 60.24                 |



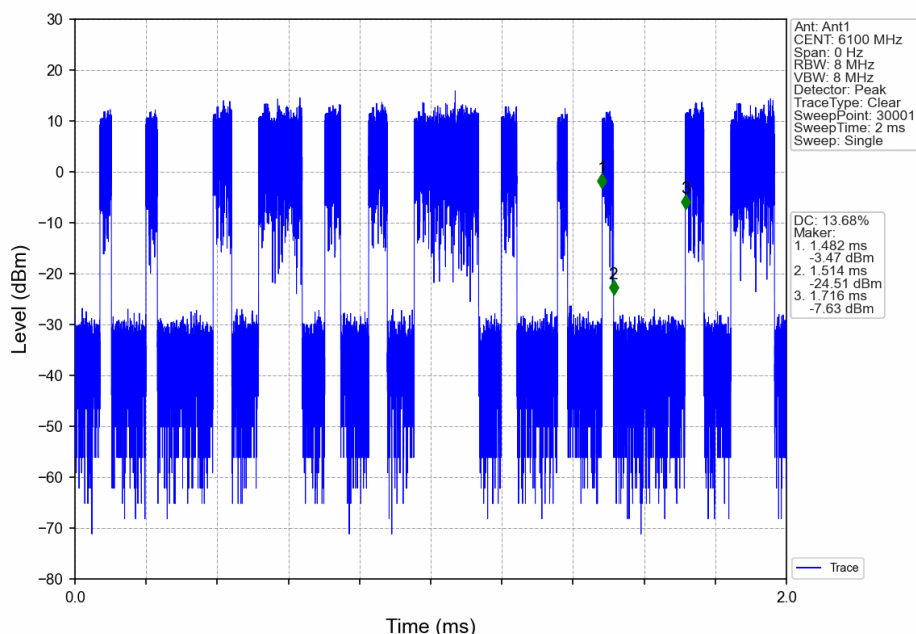
### 1.1.2 Test Graph



### 802.11ax(HEW160)\_LCH\_6025MHz\_2xRU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW160)\_LCH\_6025MHz\_2xRU996\_Left\_Ant1\_NTNV



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## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

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### 1.2 CBP\_Ant1

#### 1.2.1 Test Result

| Ant1_NTNV         |         |            |         |        |                           |                      |       |         |
|-------------------|---------|------------|---------|--------|---------------------------|----------------------|-------|---------|
| Mode              | TX Type | Freq (MHz) | RU      | RU Pos | Incumbent Frequency (MHz) | Detected Level (dBm) |       | Verdict |
|                   |         |            |         |        |                           | Result               | Limit |         |
| 802.11ax (HEW20)  | MIMO    | 5955       | RU242   | Left   | 5955.000                  | -63.5                | <=-62 | Pass    |
| 802.11ax (HEW160) | MIMO    | 6025       | 2xRU996 | Left   | 5950.000                  | -64.5                | <=-62 | Pass    |
|                   |         |            |         |        | 6025.000                  | -63.5                | <=-62 | Pass    |
|                   |         |            |         |        | 6100.000                  | -63.0                | <=-62 | Pass    |

### 1.3 Data\_Ant1

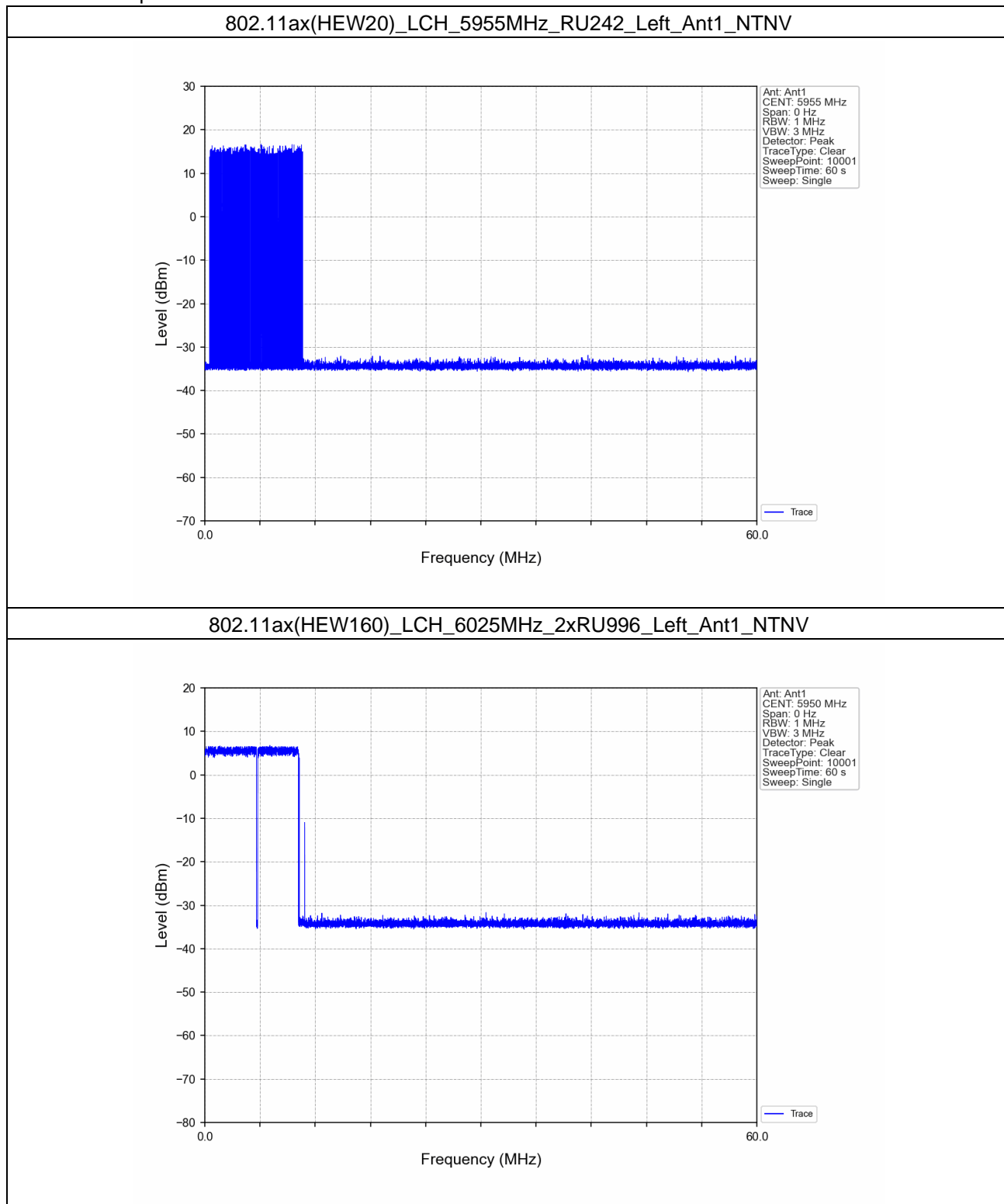
#### 1.3.1 Test Result

| Ant1_NTNV   |         |            |         |        |                      |   |   |   |   |   |   |   |   |   |     |                          |       |         |
|---|---------|------------|---------|--------|----------------------|---|---|---|---|---|---|---|---|---|-----|--------------------------|-------|---------|
| Mode  | TX Type | Freq (MHz) | RU      | RU Pos | Incumbent Freq (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10  | Detected Probability (%) |       | Verdict |
|   |         |            |         |        |                      |   |   |   |   |   |   |   |   |   |     | Result                   | Limit |         |
| 802.11ax (HEW20)  | MIMO    | 5955       | RU242   | Left   | 5955.000             | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y   | 100                      | >=90  | Pass    |
| 802.11ax (HEW160)   | MIMO    | 6025       | 2xRU996 | Left   | 5950.000             | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y   | 100                      | >=90  | Pass    |
|   |         |            |         |        | 6025.000             | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 | >=90                     | Pass  |         |
|   |         |            |         |        | 6100.000             | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 | >=90                     | Pass  |         |
| Note1: CBP Detection Trials (Y=Detection, N=No Detection) |         |            |         |        |                      |   |   |   |   |   |   |   |   |   |     |                          |       |         |

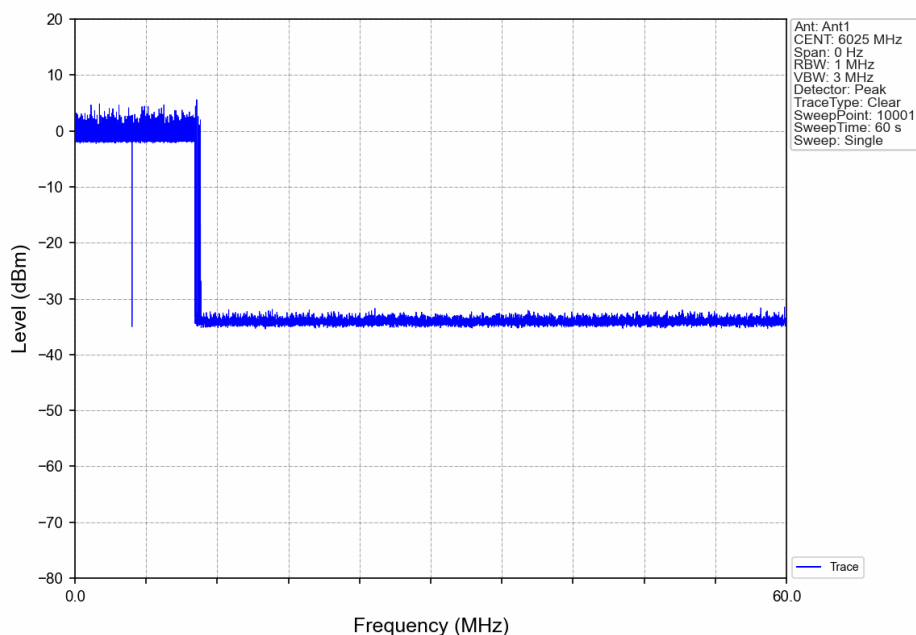
Note1: CBP Detection Trials (Y=Detection, N=No Detection)



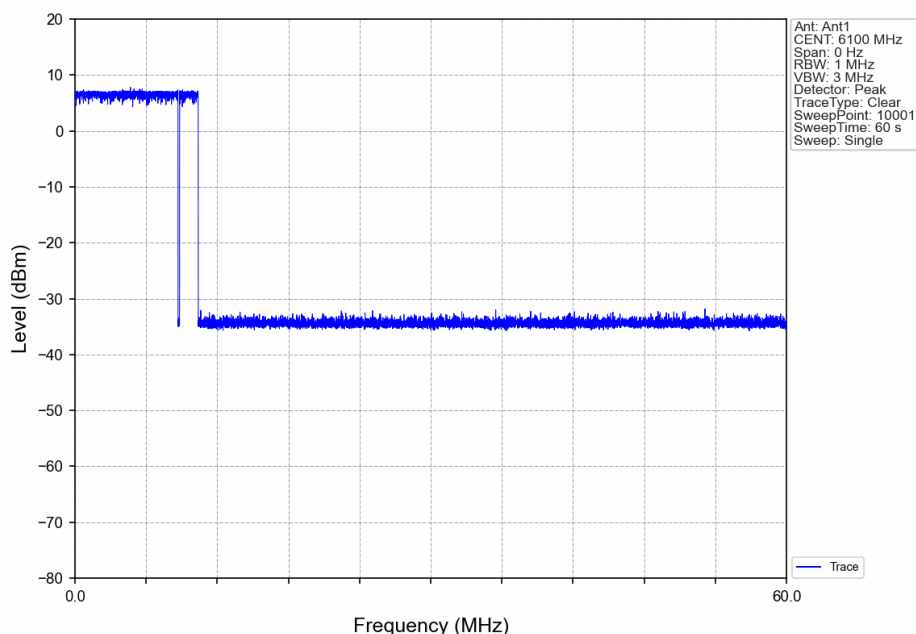
### 1.3.2 Test Graph



802.11ax(HEW160)\_LCH\_6025MHz\_2xRU996\_Left\_Ant1\_NTNV



802.11ax(HEW160)\_LCH\_6025MHz\_2xRU996\_Left\_Ant1\_NTNV



### 2. DFS

(DFS: Non-occupancy period; Channel Move Time; Channel Closing Transmission Time)

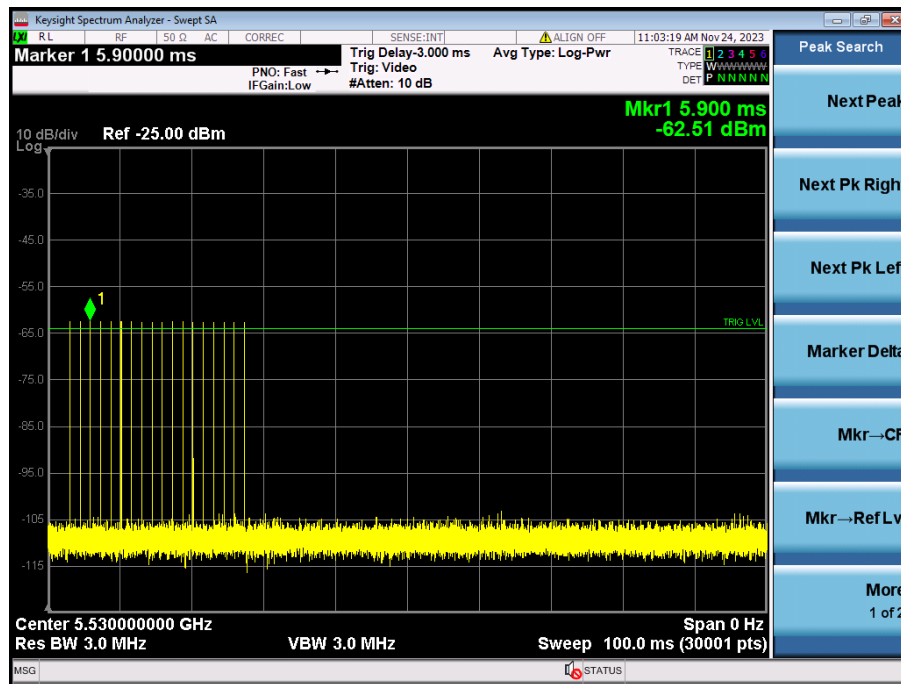
Note: All antennas type has been tested and we found the antenna 1 has the worst result.

Only record the worst test result.

#### Test plots as follows:

Radar Waveform Calibration Result

Radar Type 0



#### Test Data:

| BW/Channel         | Test Item                         | Test data           | Limit   | Results |
|--------------------|-----------------------------------|---------------------|---------|---------|
| 160MHz/<br>5250MHz | Non-occupancy period              | Refer to test plots | >30 min | pass    |
|                    | Channel Move Time                 | 0.4149s             | < 10 s  | Pass    |
|                    | Channel Closing Transmission Time | 0.0024s             | <60ms   | Pass    |

| BW/Channel         | Test Item                         | Test data           | Limit   | Results |
|--------------------|-----------------------------------|---------------------|---------|---------|
| 160MHz/<br>5570MHz | Non-occupancy period              | Refer to test plots | >30 min | pass    |
|                    | Channel Move Time                 | 0.4039s             | < 10 s  | Pass    |
|                    | Channel Closing Transmission Time | 0.0019s             | <60ms   | Pass    |



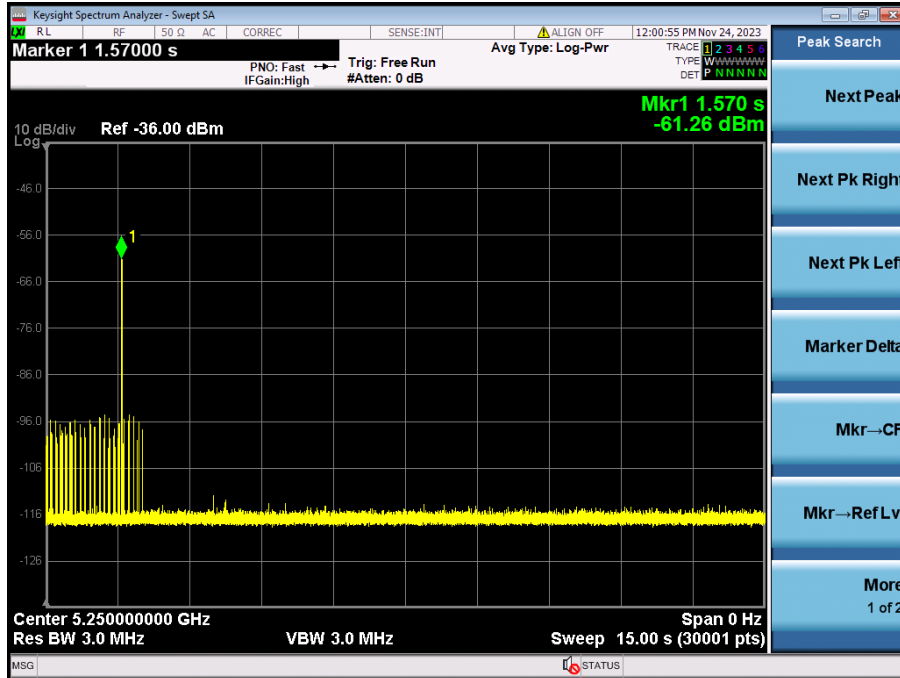
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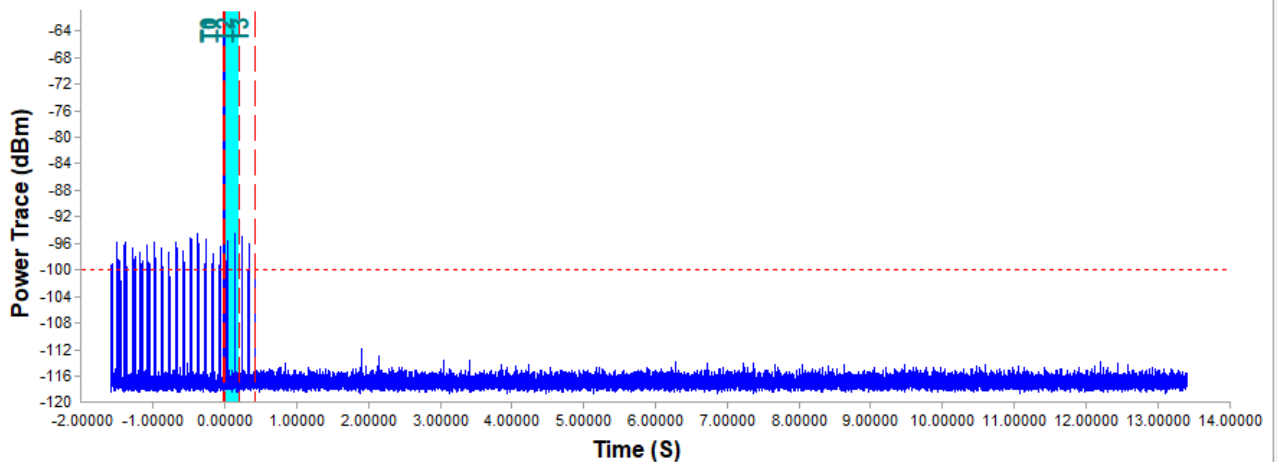
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### Test plots as follows(5250MHz):



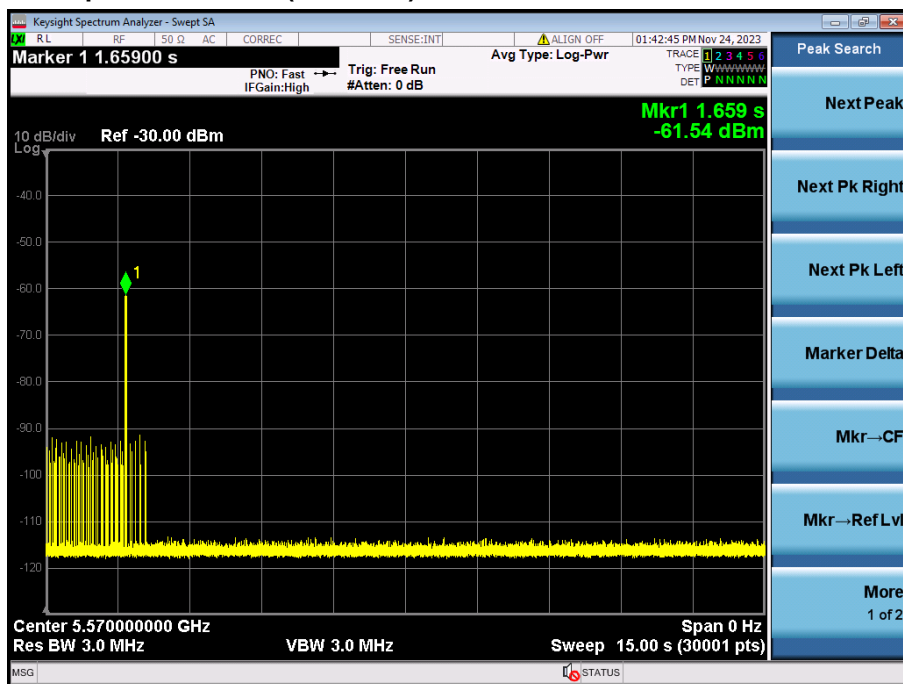
### In Service Monitor



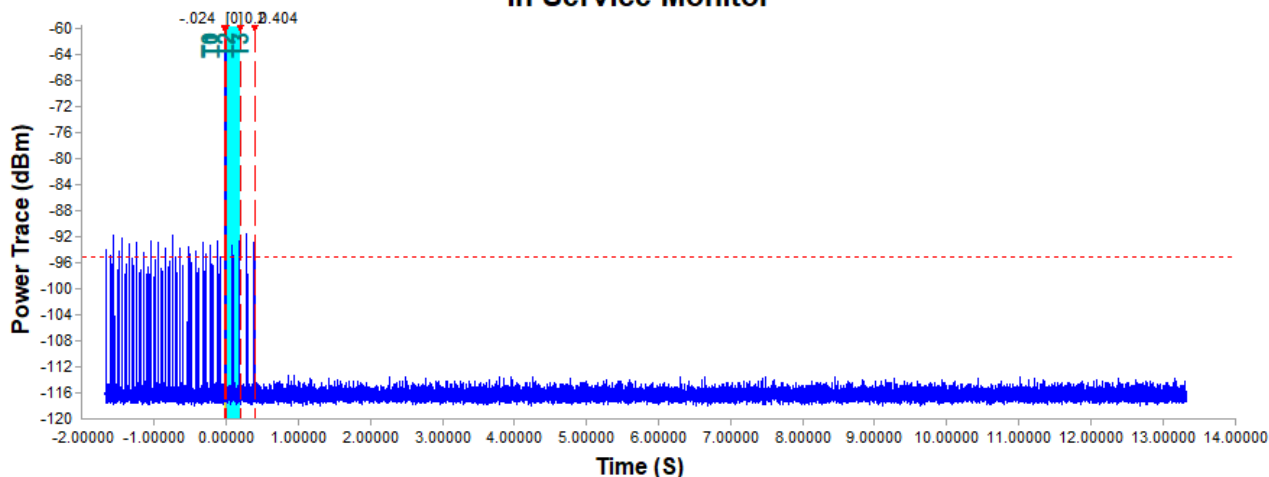
|                 |                         |                            |                                 |
|-----------------|-------------------------|----------------------------|---------------------------------|
| Time Index Info |                         |                            |                                 |
| T0 : -0.0240 S  | (Radar Injection Start) | Time Per Bin:0.4999833     | Channel Move Time: 0.4149862 S  |
| T1 : 0.0000 S   | (Radar Injection Stop)  |                            |                                 |
| T2 : 0.2000 S   | (200msec Interval)      | T2~T3 Bins Over Threshold: | Channel Close Time: 0.0024999 S |
| T3 : 0.4150 S   | (Channel Move Time)     | = 5 Bins                   |                                 |



### Test plots as follows(5570MHz):



### In Service Monitor



#### Time Index Info

T0 : -0.0240 S (Radar Injection Start)

T1 : 0.0000 S (Radar Injection Stop)

T2 : 0.2000 S (200msec Interval)

T3 : 0.4040 S (Channel Move Time)

Time Per Bin: 0.4999833

Channel Move Time: 0.4039865 S

T2~T3 Bins Over Threshold:  
= 4 Bins

Channel Close Time: 0.0019999 S



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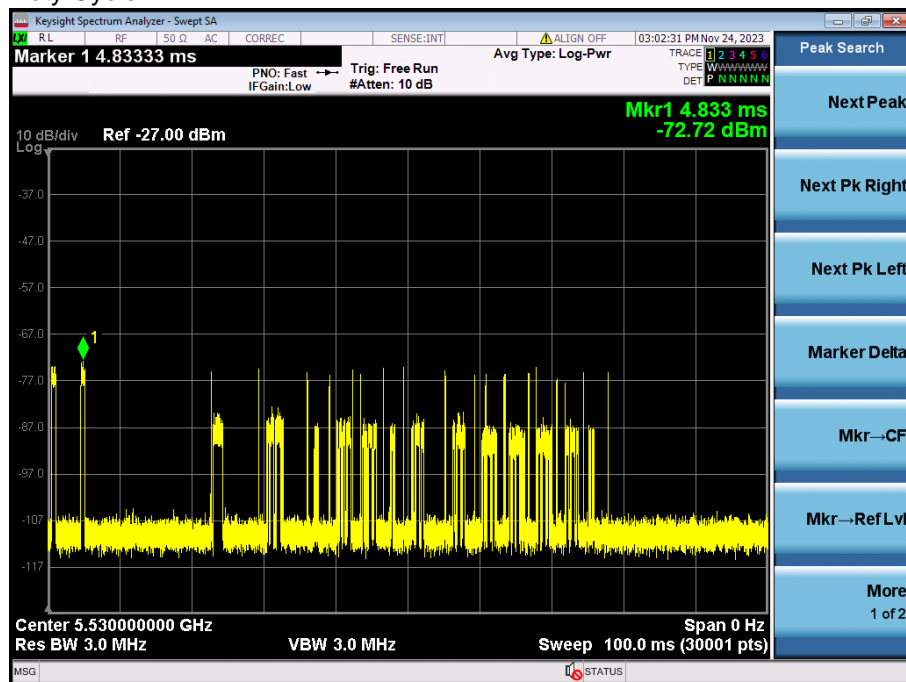
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### Duty Cycle:



- End of the Report -



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