| Product   | : | TABLET PC                               |
|-----------|---|---|
| Test Item | : | Peak Excursion                          |
| Test Site | : | No.3 OATS                               |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) |

#### Chain A

| Channel Ma  | Frequency | Data Rate | Measurement Level | Required Limit | Degult |
|-------------|-----------|-----------|-------------------|----------------|--------|
| Channel No. | (MHz)     | (Mbps)    | (dB)              | (dB)           | Result |
|             |           | (VTH0)    | 9.670             | <13            | Pass   |
|             |           | (VTH2)    | 11.380            | <13            | Pass   |
| 106         | 5530      | (VTH4)    | 10.980            | <13            | Pass   |
|             |           | (VTH7)    | 12.190            | <13            | Pass   |
|             |           | (VTH9)    | 11.830            | <13            | Pass   |

#### Channel 106:

| Agilent Spectrum /            | Analyzer - Swept SA |               |               |           |                                       |                          |                                  |                                      |
|-------------------------------|---------------------|---------------|---------------|-----------|---------------------------------------|--------------------------|----------------------------------|--------------------------------------|
| Center Fred                   | RF 50 Ω AC          | ) GHz         | SENSE:IN      | T<br>#Avg | ALIGN AUTO                            | 01:35:59 A<br>TRAC<br>TY | M Nov 20, 2014                   | Frequency                            |
| 10 dB/div R                   | ef 20.00 dBm        | IFGain:Low    | #Atten: 30 dB | e<br>     | Mk                                    | ⊳<br>15.542<br>0.        | 2 8 GHz<br>01 dBm                | Auto Tune                            |
| Log<br>10.0                   | panajula dali lar   | Naport - Ball | 2             | 1-        | ۵۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ | mar souther              |                                  | Center Freq<br>5.530000000 GHz       |
| -20.0<br>-30.0<br>-40.0       |                     |               |               |           |                                       |                          | 4 Marrad                         | Start Freq<br>5.480000000 GHz        |
| -50.0<br>-60.0<br>-70.0       |                     |               |               |           |                                       |                          | Sec. Sec.                        | <b>Stop Freq</b><br>5.580000000 GHz  |
| Center 5.530<br>#Res BW 1.0   | 000 GHz<br>MHz      | #VBV          | √ 3.0 MHz     | FUNCTION  | Sweep                                 | Span 1<br>1.00 ms (      | 00.0 MHz<br>1001 pts)<br>INVALUE | CF Step<br>10.000000 MHz<br>Auto Mar |
| 2 N 1 1<br>3 4<br>5 6         | f 5                 | .521 4 GHz    | -9.66 dBm     |           |                                       |                          |                                  | Freq Offset<br>0 Hz                  |
| 7<br>8<br>9<br>10<br>11<br>12 |                     |               |               |           |                                       |                          |                                  |                                      |
| MSG                           |                     |               |               |           | STATUS                                | 5                        |                                  |                                      |

| Agile                                | nt Spe                            | ectrur      | m An       | alyzer - Sw     | ept SA   |                     |  |                      |              |        |               |               |                     |                                       |  |
|--------------------------------------|-----------------------------------|-------------|------------|-----------------|----------|---------------------|--|----------------------|--------------|--------|---------------|---------------|---------------------|---------------------------------------|--|
| Cer                                  | nter                              | Fre         | RF<br>eq ( | 50 Ω<br>5.53000 | AC 00000 | GHz                 |  | SE                   | NSE:INT      | 1      | ¥Avg Typ      | e: RMS        | 01:40:27 A<br>TRAC  | M Nov 20, 2014<br>E 1 2 3 4 5 6       | Frequency  |
| _                                    |                                   |             |            |                 |          | PNO: Fa<br>IFGain:L | ow                                       | #Atten: 30           | ) dB         |        |               | Mk            | r1 5.52             | 2 2 GHz                               | Auto Tune  |
| 10 d<br>Log<br>10.0<br>0.00          |                                   | /           | Rei        | f 20.00 (       | dBm      | enniount            | an a | 1-                   | n' new house | 2      | of Verone was | Jenkede geore | U.                  |                                       | Center Freq<br>5.530000000 GHz                     |
| -20.0<br>-30.0<br>-40.0              | - Andrew Market                   | matt        | ~          |                 |          |                     |  |                      |              |        |               |               |                     | h h h h h h h h h h h h h h h h h h h | <b>Start Freq</b><br>5.480000000 GHz               |
| -50.0<br>-60.0                       |                                   |             |            |                 | 2        |                     |  |                      |              |        |               |               |                     |                                       | <b>Stop Freq</b><br>5.58000000 GHz                 |
| Cer<br>#Re                           | nter<br>es B <sup>1</sup><br>MODE | 5.53<br>W 1 | 300<br>.0  | 0 GHz<br>VIHz   | ×        | #                   | VBW                                      | 3.0 MHz              |              | FUNCTI | ON FU         | Sweep         | Span 1<br>1.00 ms ( | 00.0 MHz<br>1001 pts)<br>INVALUE      | <b>CF Step</b><br>10.000000 MHz<br><u>Auto</u> Man |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8 | N                                 | 2           | f          |                 | 5.53     | 22 2 GH<br>35 5 GH  | z  | 0.50 di<br>-10.88 di | Bm<br>Bm     |        |               |               |                     |                                       | Freq Offset<br>0 Hz                                |
| 9<br>10<br>11<br>12<br>MSG           |                                   |             |            |                 |          |                     |  |                      |              |        |               | STATUS        | 5                   |                                       |  |

| Agile         | nt Spe  | ectrur | m Ana | alyzer - Sw  | ept SA  |  |              |          | -          |               |           |         |               |                    |                 |                 |
|---------------|---------|--------|-------|--------------|---------|--|--------------|----------|------------|---------------|-----------|---------|---------------|--------------------|-----------------|-----------------|
| <b>l,XI</b> R | L       |        | RF    | 50 Ω         | AC .    |  | 1            |          | SE         | ENSE:INT      |           | AL      | IGN AUTO      | 01:57:53/          | AM Nov 20, 2014 | Frequency       |
| Cer           | nter    | Fre    | eq (  | 5.5300       | 0000    | 0 GH   | z            |          | Tuin: Ena  | • D.m         | #Avg      | Type: F | RMS           | TRA<br>TV          | CE 1 2 3 4 5 6  | Frequency       |
|               |         |        |       |              |         | PN   | IO: Fast     | <b>P</b> | #Atten: 3  | e Run<br>0 dB |           |         |               | C                  | ET A P N N N N  |                 |
| _             |         |        |       |              |         | IFG  | am.cow       |          | Witten: 0  | • 40          |           |         |               |                    |                 | Auto Tune       |
|               |         |        |       |              |         |  |              |          |            |               |           |         | IVIK          | r1 5.54            | 4 3 GHZ         | / allo          |
| 10 d          | B/div   | v      | Ref   | 20.00        | dBm     |  |              |          |            |               |           |         |               | 0.                 | 65 dBm          |                 |
| Log           |         |        |       |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| 10.0          |         |        | -     |              | -       |  |              | -        |            |               | <b>1</b>  |         |               |                    |                 | Center Freq     |
| 0.00          |         |        |       | Charl - days | ANTE IN | and the lines  | AN MU        | -        | P Parenta  | Mr. Jackenson | ALLOW MAN | Martin  | -             | - And balls for an | -               | 5.530000000 GHz |
| -10.0         |         |        |       | 1            |         |  |              |          |            | 4             | )_[       |         |               | and a second       |                 |                 |
| -10.0         |         |        | Å     | man          |         | and the second s | a series and | ~        | - manual a | - Martin      | - many    | Jour    | - and a start | monorminal         |                 |                 |
| -20.0         |         |        |       | (            |         |  |              |          |            | Y             |           |         |               | -                  | K               | Start From      |
| -30.0         |         | Im     | 1     |              | -       |  |              | -        |            | -             | -         | -       |               |                    |                 | Startiney       |
| -40 0         | -ML     |        | 1     |              |         |  |              |          |            |               |           |         |               |                    | 1 Ladda         | 5.480000000 GHz |
|               |         |        | 1     |              |         |  |              |          |            |               |           |         |               |                    | - with the h    |                 |
| -50.L         | -10/100 | W      | ~     |              |         |  |              |          |            |               |           |         |               |                    | Followner       |                 |
| -60.0         |         |        | -     |              |         |  |              | -        |            |               |           | -       |               |                    |                 | Stop Freq       |
| -70 0         |         |        |       |              |         |  |              |          |            |               |           |         |               |                    |                 | 5.58000000 GHz  |
|               |         |        |       |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| Cer           | nter    | 5.5    | 300   | 0 GHz        |         |  |              |          |            |               | 1         | 02      | 10            | Span 1             | 100.0 MHz       |                 |
| #Re           | s B     | W 1    | .0 0  | /Hz          |         |  | #VE          | SW :     | 3.0 MHz    |               |           | S       | weep          | 1.00 ms            | (1001 pts)      | CF Step         |
|               |         |        |       |              |         |  |              |          |            |               |           |         |               |                    | ()              | 10.000000 MHz   |
| MKR           | MODE    | TRC    | SCL   |              | ×       |  |              |          | Y          | FL            | INCTION   | FUNCT   | ION WIDTH     | FUNCTI             | ON VALUE        | <u>Auto</u> Man |
| 1             | N       | 2      | F     |              |         | 5 5 3 7 6  | S GHZ        |          | 10 33 d    | Bm            |           |         |               |                    |                 |                 |
| 3             | - 13    |        | - ·   |              |         |  |              |          | -10.00 u   |               |           |         |               |                    |                 | Eron Offerst    |
| 4             |         |        |       |              |         |  |              |          |            |               |           |         |               |                    |                 | Frequise        |
| 5             |         |        | -     |              |         |  |              |          |            |               |           |         |               |                    |                 | 0 Hz            |
| - 10<br>7     |         | -      |       |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| 8             |         |        |       | 0            |         |  |              |          |            |               |           | -       |               |                    |                 |                 |
| 9             |         |        |       |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| 10            |         |        | _     |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| 12            |         |        |       |              |         |  | 1            |          |            |               |           | <u></u> |               |                    |                 |                 |
|               |         | -      |       |              |         |  |              |          |            |               |           |         |               |                    |                 |                 |
| MSG           |         |        |       |              |         |  |              |          |            |               |           |         | STATUS        |                    |                 |                 |

| Agile                    | nt Spe       | ctrur       | n An<br>RF  | alyzer - Sw<br>50 Ω | ept SA<br>AC   | 011                | 1                |                     | SENSE:IN        | JΤ       | #0    | ALI     | GNAUTO             | 02:05:27        | AM Nov 20, 2014         | Frequency                          |
|--------------------------|--------------|-------------|-------------|---------------------|----------------|--------------------|------------------|---------------------|-----------------|----------|-------|---------|--------------------|-----------------|-------------------------|------------------------------------|
| Cer                      | nter         | Fre         | ed :        | 5.53000             | 00000          | PNO:<br>IFGai      | :Fast C<br>n:Low | Trig: Fr<br>#Atten: | ee Run<br>30 dB | Î        | #Avg  | Type: H | 1115               | T               | /PEAMWWWW<br>DETAPNNNN  |                                    |
| 10 c                     | B/div        | ,           | Ref         | 20.00               | dBm            |                    |                  |                     |                 |          |       |         | Mk                 | r1 5.51<br>1    | 7 2 GHz<br>31 dBm       | Auto Tune                          |
| 10.0<br>0.00<br>-10.0    |              |             |             | pourse              | and the second |                    | uper mit         | 1                   | mar             | مليهوملا | 2     |         | € All Construction | berthamay       |                         | Center Freq<br>5.53000000 GHz      |
| -20.0<br>-30.0<br>-40.0  | l<br>Hury    | al a car    | A           |                     |                |                    |                  |                     |                 |          |       |         |                    |                 | A AM                    | Start Freq<br>5.480000000 GHz      |
| -50.0<br>-60.0<br>-70.0  |              | when        |             |                     |                |                    |                  |                     |                 |          |       |         |                    |                 | John Margares           | <b>Stop Freq</b><br>5.58000000 GHz |
| Cer<br>#Re               | nter<br>es B | 5.5:<br>W 1 | 300<br>.0 P | 0 GHz<br>/IHz       |                |                    | #VB              | W 3.0 MH            | z               | 2101     |       | S۱      | weep               | Span<br>1.00 ms | 100.0 MHz<br>(1001 pts) | CF Step<br>10.000000 MHz           |
| 1<br>2<br>3              | N<br>N       | 2<br>1      | f<br>f      |                     | 5.5<br>5.5     | 517 2 (<br>542 9 ( | GHz<br>GHz       | 1.31<br>-10.88      | dBm<br>dBm      | FUN      | LIIUN | FUNCT   | UN WIDTH           | FUNCT           | ION VALUE               | Freg Offset                        |
| 4<br>5<br>6<br>7         |              |             |             |                     |                |                    |                  |                     |                 |          |       |         |                    |                 |                         | 0 Hz                               |
| 8<br>9<br>10<br>11<br>12 |              |             |             |                     |                |                    |                  |                     |                 |          |       |         |                    |                 |                         |                                    |
| MSG                      |              |             |             |                     |                |                    |                  |                     |                 |          |       |         | STATUS             |                 |                         | 1                                  |

| Agilent Spectrur | n Analyzer - | Swept SA           |                       |            |          |           |  |                    |                   |                          |
|------------------|--------------|--------------------|-----------------------|------------|----------|-----------|--|--------------------|-------------------|--------------------------|
| Center Fre       | RF 5         | 000000 GH          | z                     | SEI        |          | #Avg Typ  | ALIGNAUTO<br>e: RMS  | 02:31:57 A<br>TRAI | M Nov 20, 2014    | Frequency                |
|                  |              | PN<br>IFG          | i0: Fast 🕞<br>ain:Low | #Atten: 30 | dB       |           |  | D                  | ET A P N N N N    |                          |
| 10 dB/div        | Ref 20.0     | 0 dBm              |                       |            |          |           | Mk   | r1 5.52<br>1.      | 5 9 GHz<br>07 dBm | Auto Tune                |
| 10.0             |              |                    | _                     | 1-         |          |           |  |                    |                   | Center Freq              |
| 0.00             | parase       | Maran and a second | white where           | mary way   | port and | 2         | wythere water  | many               |                   | 5.530000000 GHz          |
| -10.0            | 1000         | - marine           | a manual second       | muneral    | m        | mohun     | where the second | many 1             | L                 |                          |
| -30.0            |              |                    |                       |            | -        |           |  |                    | Ng -              | Start Freq               |
| -40.0 HMM        | <u></u>      |                    |                       |            |          | -         |  |                    | WAR BUNK          | 5.48000000 GHz           |
| -50.0            | 1            |                    |                       |            | -        |           |  |                    | Marian            | Stop Fred                |
| -70.0            |              |                    |                       |            |          |           |  |                    |                   | 5.580000000 GHz          |
| Center 5.5       | 3000 GHz     | ,                  |                       |            |          |           |  | Span 1             | 00.0 MHz          |                          |
| #Res BW 1        | .0 MHz       | -                  | #VBW                  | / 3.0 MHz  |          |           | Sweep  | 1.00 ms (          | 1001 pts)         | CF Step<br>10.000000 MHz |
| MKR MODE TRC     | SCL          | ×                  |                       | Y          | FU       | NCTION FL | INCTION WIDTH  | FUNCTI             | ON VALUE          | <u>Auto</u> Man          |
| 1 N 2<br>2 N 1   | f            | 5.543 7            | GHZ                   | -10.76 di  | sm<br>Sm |           |  |                    |                   |                          |
| 3                |              |                    |                       |            |          | 1         |  |                    |                   | Freq Offset              |
| 5                |              |                    |                       |            |          |           |  |                    |                   | 0 Hz                     |
| 6                |              |                    |                       |            |          |           |  |                    |                   |                          |
| 8                |              |                    |                       |            |          |           |  |                    |                   |                          |
| 9                |              |                    | 8                     |            |          | 1         |  |                    |                   |                          |
| 10               |              |                    |                       |            |          |           |  |                    |                   |                          |
| 12               |              |                    |                       |            |          |           |  |                    |                   |                          |
| MSG              |              |                    |                       |            |          |           | STATUS   |                    |                   |                          |

#### Chain B

|             | Frequency | Data Rate | Measurement Level | Required Limit | D 14   |
|-------------|-----------|-----------|-------------------|----------------|--------|
| Channel No. | (MHz)     | (Mbps)    | (dB)              | (dB)           | Result |
|             |           | (VTH0)    | 10.340            | <13            | Pass   |
|             |           | (VTH2)    | 12.080            | <13            | Pass   |
| 106         | 5530      | (VTH4)    | 12.030            | <13            | Pass   |
|             |           | (VTH7)    | 11.570            | <13            | Pass   |
|             |           | (VTH9)    | 12.250            | <13            | Pass   |

#### Channel 106:

| Agilent Spectrum Analyzer - Swept SA  |  |  |  |
|---|--|--|--|
| RL RF 50 Ω AC Center Freq 5.53000000(   | 0 GHz  | T ALIGNAUTO 05:23:5<br>#Avg Type: RMS TF | 36 PM Nov 20, 2014<br>RACE 1 2 3 4 5 6<br>TYPE A MUNICIPAL Frequency |
| 10 dB/div Ref 20.00 dBm   | PN0: Fast Figure Run<br>IFGain:Low #Atten: 30 dB | Mkr1 5.5                                 | 38 6 GHZ<br>2.71 dBm   |
| 10.0<br>0.00<br>-10.0   |  | 2000                                     | Center Freq<br>5.530000000 GHz                                       |
| -20.0<br>-30.0<br>-40.0   |  |  | 5.48000000 GHz   |
| -50.0   |  |  | <b>Stop Freq</b><br>5.580000000 GHz                                  |
| Center 5.53000 GHz<br>#Res BW 1.0 MHz   | #VBW 3.0 MHz                                     | Span<br>Sweep 1.00 ms                    | 100.0 MHz<br>5 (1001 pts)<br>10.000000 MHz<br>Auto Man               |
| N     2     f     5       2     N     1     f     5       3     -     -     -     -       4     -     -     -     -       5     -     -     -     -     -       6     - | 538 6 GHz 2.71 dBm<br>543 8 GHz -7.63 dBm        |  | Freq Offset  |

| Agiler                        | nt Spe    | ctrun       | n Ana             | alyzer - Sw     | ept SA                      |           |                      |          |  |        |              |        |      |                  |                 |                         |   |
|-------------------------------|-----------|-------------|-------------------|-----------------|-----------------------------|-----------|----------------------|----------|--|--------|--------------|--------|------|------------------|-----------------|-------------------------|---|
| Cen                           | L<br>nter | Fre         | RF                | 50 Ω<br>5.53000 | AC                          | ) GH      | z                    |          | Trini En   | SENSE: | INT          | #Avg   | Туре | ALIGNAUTO<br>RMS | 05:25:09<br>TR/ | PM Nov 20, 2014         | Frequency                                   |
| 10 d                          | B/div     | ,           | Ref               | 20.00           | dBm                         | PN<br>IFG | IO: Fast<br>Jain:Lov | k G<br>W | #Atten:  | 30 dE  | 111<br>}     |        |      | Mk               | r1 5.51<br>3    | 4 6 GHz<br>.71 dBm      | Auto Tune                                   |
| Log<br>10.0<br>0.00<br>-10.0  |           |             | 1                 | A starter       | انور می <sup>رد</sup> در ما |           |                      | 1        | and the second sec |        | 00 Uk. 1428. | ~~~2   |      |                  | an ward         |                         | Center Freq<br>5.530000000 GHz              |
| -20.0<br>-30.0<br>-40.0       | 21-040    | weller by   |                   | (               |                             |           |                      |          |  | V      |              |        |      |                  |                 | A Colondawy             | Start Freq<br>5.480000000 GHz               |
| -50.0<br>-60.0<br>-70.0       |           |             |                   |                 |                             |           |                      |          |  |        |              |        |      |                  |                 |                         | Stop Freq<br>5.58000000 GHz                 |
| Cen<br>#Re                    | s B<br>N  | 5.53<br>N 1 | 300<br>.0 M<br>SC | 0 GHz<br>/IHz   | ×                           | 514 6     | #V                   | /BW      | 3.0 MH   | Z      | FUI          | NCTION | FUN  | Sweep            | Span<br>1.00 ms | 100.0 MHz<br>(1001 pts) | CF Step<br>10.000000 MHz<br><u>Auto</u> Man |
| 2<br>3<br>4<br>5<br>6         | N         | 1           | f                 |                 | 5                           | .543 8    | B GHz                |          | -8.37  | dBm    |              |        |      |                  |                 |                         | Freq Offset<br>0 Hz                         |
| 7<br>8<br>9<br>10<br>11<br>12 |           |             |                   |                 |                             |           |                      |          |  |        |              |        |      |                  |                 |                         |   |
| MSG                           |           |             |                   |                 |                             |           |                      |          |  |        |              |        |      | STATUS           | 5               |                         |   |

| Agile      | nt Spe     | ectrur      | m Ana | alyzer - Swe  | ept SA   |                   |            |   |           |          |                          |                       |                        |                 |
|------------|------------|-------------|-------|---------------|--|-------------------|------------|---|-----------|----------|--------------------------|-----------------------|------------------------|-----------------|
| LXI F      | t L        |             | RF    | 50 Ω          | AC   |                   |            | SE                                      | NSE:INT   |          | ALIGN AUTO               | 05:26:15              | PM Nov 20, 2014        | Frequency       |
| Cei        | nter       | Fre         | eq :  | 5.53000       | 00000  | GHZ               |            | Tria: Free                              | Run       | #Avg I   | уре: км5                 | TY                    | PE A MWWWW             | . requeincy     |
|            |            |             |       |               |  | IFGain:Low        | , <b>-</b> | #Atten: 30                              | dB        |          |                          | D                     | ET A P N N N N         |                 |
|            |            |             |       |               |  |                   |            |   |           |          | Mk                       | r1 5.51               | 4 4 GHz                | Auto Tune       |
| 10 c       | B/div      | ,           | Ref   | 20.00 c       | dBm  |                   |            |   |           |          |                          | 2.                    | 98 dBm                 |                 |
| Log        |            |             | 1     |               |  |                   | č.         |   |           |          |                          |                       |                        |                 |
| 10.0       | - 1        |             | +     |               |  |                   |            |   |           |          |                          |                       | -                      | Center Freq     |
| 0.00       |            |             | _     | 10 some march | a a grand and a grand and a grand a gr | - Aller and aller | all white  | ang | remand    | and when | water and an application | Han a strange         |                        | 5.530000000 GHz |
| -10.0      | ) <u> </u> |             | 1     |               |  | a second          |            |   |           | -V-V     |                          |                       |                        |                 |
| -20.0      |            |             | 1     | (             |  |                   |            | 1                                       | V         |          |                          |                       |                        |                 |
| -30.0      |            | 1 PT        | V     |               |  |                   |            |   |           |          |                          |                       | 4                      | Start Freq      |
| 40.0       |            | 4           | 1     |               |  |                   |            |   |           |          |                          |                       | Linner Mal             | 5.480000000 GHz |
| -40.0      |            | Altro       | 1 al  |               |  |                   |            |   |           |          |                          |                       | Y.                     |                 |
| -50.0      |            |             |       |               |  |                   |            |   |           |          |                          |                       | and and and the second | 01 - F          |
| -60.0      | )          |             | +     |               |  |                   |            |   |           | _        |                          |                       |                        | StopFreq        |
| -70.0      |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        | 5.580000000 GHz |
| Car        | L          | 5.5'        | 200   |               |  |                   |            |   |           |          | 0                        | Snon 1                |                        |                 |
| #Re        | s Bl       | 0.0.<br>M 1 | 000   | /Hz           |  | #\/               | BM S       | 3 0 MHz                                 |           |          | Sween                    | 5 pair 1<br>1 00 ms ( | 100.0 MHZ              | CF Step         |
| <i>"</i> " |            |             |       | 1112          |  |                   |            | 5.0 111112                              |           |          | Oncep                    | 1.00 113 (            | 1001 pt3)              | 10.000000 MHz   |
| MKR        | MODE       | TRC         | SCL   |               | ×  | 14.4 CHz          |            | 2 99 4                                  | FL<br>Ren | INCTION  | FUNCTION WIDTH           | FUNCTI                | ON VALUE               | <u>Auto</u> Man |
| 2          | N          | 1           | f     |               | 5.5  | 43 5 GHz          |            | -9.05 d                                 | Bm        |          |                          |                       |                        |                 |
| 3          |            |             |       | -             |  |                   |            |   |           |          |                          |                       |                        | Freq Offset     |
| 5          |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        | 0 Hz            |
| 6          |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        |                 |
| 8          |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        |                 |
| 9          |            |             |       |               |  |                   |            |   | _         |          |                          |                       |                        |                 |
| 10         |            |             |       |               |  |                   | 5          |   |           |          |                          |                       |                        |                 |
| 12         |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        |                 |
| MSG        |            |             |       |               |  |                   |            |   |           |          | STATUS                   | ;                     |                        |                 |
|            |            |             |       |               |  |                   |            |   |           |          |                          |                       |                        |                 |

| Agilent Spe                  | ctrum A   | nalyzer - Swe | pt SA   |                 |            |            |               |                      |                     |  |   |
|------------------------------|---|---------------|---|-----------------|------------|------------|---------------|----------------------|---------------------|--|---|
| Center                       | Freq  | F 50 Ω        | AC 0000 GHz                                   |                 | SEN        | ISE:INT    | #Avg Ty       | ALIGN AUTO           | 05:27:16 F<br>TRAC  | Nov 20, 2014   | Frequency                                   |
| 10 dB/div                    | / Re  | ef 20.00 d    | PNO:<br>IFGair<br>IBm                         | Fast (<br>n:Low | #Atten: 30 | dB         |               | Mk                   | r1 5.510<br>2.      | 6 8 GHz<br>77 dBm  | Auto Tune                                   |
| Log<br>10.0<br>0.00          |   | A granter and | inan mana ang ang ang ang ang ang ang ang ang |                 | 1/2 ·····  | hillon and | politionality | in the second second | - many many         |  | Center Freq<br>5.530000000 GHz              |
| -20.0<br>-30.0<br>-40.0      | hulp-   |               |   | -1              |            |            |               |                      |                     | hundre and the second s | Start Freq<br>5.48000000 GHz                |
| -50.0                        | And Same and |               |   |                 |            |            |               |                      |                     | harriere   | Stop Fred<br>5.58000000 GHz                 |
| Center<br>#Res B             | 5.530<br>W 1.0  | 00 GHz<br>MHz | ×   | #VBW            | / 3.0 MHz  |            | UNCTION       | Sweep                | Span 1<br>1.00 ms ( | 00.0 MHz<br>1001 pts)<br>NVALUE  | CF Step<br>10.000000 MHz<br><u>Auto</u> Man |
| 2 N<br>3<br>4<br>5<br>6<br>7 | 2 T<br>1 f  |               | 5.521 5 G                                     |                 | -8.80 dE   | 3m         |               |                      |                     |  | Freq Offset<br>0 Hz                         |
| 9<br>10<br>11<br>12          |   |               |   |                 |            |            |               | CTATIN               |                     |  |   |

| Agiler    | nt Spe   | ctrur            | m Ana | alyzer - Sw | ept SA | 232   | -                    |       | ns.          | 12           |                     |              |        |          |                 |                 |
|-----------|----------|------------------|-------|-------------|--------|-------|----------------------|-------|--------------|--------------|---------------------|--------------|--------|----------|-----------------|-----------------|
| LXI R     | L        |                  | RF    | 50 Ω        | AC     |       |                      |       | SE           | ENSE:INT     |                     | ALIGN AU     | UTO    | 05:28:18 | PM Nov 20, 2014 | Frequency       |
| Cer       | nter     | Fre              | eq :  | 5.53000     | 0000   |       | Z                    | _     | Tria: Fre    | e Run        | #Avg                | Type: RMS    |        | TY<br>TY | PEAMWWWW        | ·····           |
|           |          |                  |       |             |        | IFG   | iu: Fast<br>Gain:Low | ÷     | #Atten: 3    | 0 dB         |                     |              |        | C        | ET A P N N N N  |                 |
|           |          |                  |       |             |        |       |                      |       |              |              |                     |              | Mk     | r1 5 53  | 7 8 GHz         | Auto Tune       |
| 40.4      | 2 90 dBm |                  |       |             |        |       |                      |       |              |              |                     |              |        |          |                 |                 |
| Log       | Biall    | /                | Rei   | 20.00       |        |       |                      | -     |              | 1            | 1                   | -            |        | £.       |                 |                 |
| 10.0      |          |                  | _     |             |        |       |                      | _     |              |              | 1                   |              |        |          |                 | Center Fred     |
| 0.00      |          |                  |       |             |        | The   | Lachter a            | and a | m. mad       | Aleman       | man                 | Sam sinds an | a star | 0000     |                 | 5 53000000 CU-  |
| 40.00     |          |                  |       | 1 martin    |        |       |                      |       |              | W            | $\langle \rangle^2$ |              |        |          |                 | 5.55000000 GH2  |
| -10.0     |          |                  | 1     | manne       | man    | man + | Same                 |       | a manager of | 1 al marting | and proven          | here         | mound  | mound    |                 |                 |
| -20.0     | -        |                  | 1     | 1           |        |       |                      | -     |              | 1            |                     |              |        | 1        |                 | Start From      |
| -30.0     | 24       | N <sup>P</sup> V | A.    |             |        |       | -                    |       |              |              | -                   |              | 53     |          | WAR AT IN       | Start Frey      |
| -40.0     | 1.5      | н. т             | · /   |             |        |       |                      |       |              |              |                     |              |        |          | 1 A Mar of      | 5.48000000 GHZ  |
| 50.0      | -        | . Las            | N     |             |        |       |                      |       |              |              |                     |              |        |          | han             |                 |
| -30.0     |          | - <b>M</b>       |       |             |        |       |                      |       |              |              |                     |              |        |          | AND A CONTRACT  | Oton From       |
| -60.0     |          |                  |       |             |        |       |                      |       |              |              |                     |              |        |          |                 | StopFreq        |
| -70.0     |          |                  | -     |             |        |       |                      | -     |              | 2            |                     |              |        |          |                 | 5.580000000 GHz |
| -         |          |                  |       |             |        |       |                      |       |              |              |                     | 11           |        |          | 00.0.0411       |                 |
| Cen<br>#D | iter     | 5.5.             | 300   | UGHZ        |        |       | 40.0                 | -     | 0 0 MU-      |              |                     | <b>0</b>     |        | Span     | UU.U IVIHZ      | CF Step         |
| #ке       | SB       | W 1              | .U P  | VIHZ        |        |       | #V                   | DAA - | 3.U IVIM2    |              |                     | Swee         | ep 1   | .00 ms   | (1001 pts)      | 10.000000 MHz   |
| MKR       | MODE     | TRC              | SCL   |             | ×      |       | ļ                    |       | Y            | F F          | UNCTION             | FUNCTION W   | VIDTH  | FUNCTI   | ON VALUE        | <u>Auto</u> Man |
| 1         | N        | 2                | f     | _           | 5      | 5.537 | BGHz                 |       | 2.90 c       | IBm          |                     |              |        |          |                 |                 |
| 3         | IN       | 1                | 1     | 5           |        | 5.541 | 4 GHZ                |       | -9.35 0      | ьш           |                     | 5            |        |          |                 | F 0ff           |
| 4         |          |                  |       |             |        |       |                      |       |              |              |                     |              |        |          |                 | Frequise        |
| 5         |          |                  |       |             |        |       |                      |       |              | _            |                     |              |        |          |                 | 0 Hz            |
| 7         |          |                  |       |             |        |       |                      |       |              |              |                     |              |        |          |                 |                 |
| 8         |          |                  | -     |             |        |       |                      |       |              |              |                     |              |        |          |                 |                 |
| 10        |          |                  |       |             |        |       |                      |       |              |              |                     |              | -      |          |                 |                 |
| 11        |          |                  |       | 0           |        |       |                      |       |              |              |                     | <u></u>      |        |          |                 |                 |
| 12        |          |                  |       |             | _      | _     |                      |       |              |              |                     |              |        |          |                 |                 |
| MSG       |          |                  |       |             |        |       |                      |       |              |              |                     | ST           | TATUS  |          |                 |                 |
|           | _        |                  |       |             |        |       |                      |       |              |              |                     |              |        |          |                 |                 |

#### 6. Radiated Emission

#### 6.1. Test Equipment

The following test equipments are used during the radiated emission test:

| Test Site | Equipment |                       | Manufacturer    | Model No./Serial No. | Last Cal. |
|-----------|-----------|-----------------------|-----------------|----------------------|-----------|
| Site # 3  | Х         | Magnetic Loop Antenna | Teseq           | HLA6121/ 37133       | Sep, 2014 |
|           | Х         | Bilog Antenna         | Schaffner Chase | CBL6112B/ 2707       | Jun, 2014 |
|           | Х         | EMI Test Receiver     | R&S             | ESCS 30/838251/ 001  | Jun, 2014 |
|           | Х         | Coaxial Cable         | QTK(Arnist)     | RG 214/ LC003-RG     | Jun, 2014 |
|           | Х         | Coaxial signal switch | Arnist          | MP59B/ 6200798682    | Jun, 2014 |

| Test Site |   | Equipment         | Manufacturer | Model No./Serial No.        | Last Cal. |
|-----------|---|-------------------|--------------|-----------------------------|-----------|
| CB # 8    | Х | Spectrum Analyzer | R&S          | FSP40/ 100339               | Oct, 2014 |
|           | Х | Horn Antenna      | ETS-Lindgren | 3117/ 35205                 | Mar, 2014 |
|           | Х | Horn Antenna      | Schwarzbeck  | BBHA9170/209                | Jan, 2015 |
|           | Х | Horn Antenna      | TRC          | AH-0801/95051               | Aug, 2014 |
|           | Х | Pre-Amplifier     | EMCI         | EMC012630SE/980210          | Jan, 2015 |
|           | Х | Pre-Amplifier     | MITEQ        | JS41-001040000-58-5P/153945 | Jul, 2014 |
|           | Х | Pre-Amplifier     | NARDA        | DBL-1840N506/013            | Jul, 2014 |

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. The test instruments marked with "X" are used to measure the final test results.

#### 6.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz





Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

| FCC Part 15 Subpart C Paragraph 15.209(a) Limits |                    |                      |  |  |  |  |  |
|--|--------------------|----------------------|--|--|--|--|--|
| Frequency<br>MHz                                 | Field strength     | Measurement distance |  |  |  |  |  |
|  | (microvolts/meter) | (meter)              |  |  |  |  |  |
| 0.009-0.490                                      | 2400/F(kHz)        | 300                  |  |  |  |  |  |
| 0.490-1.705                                      | 24000/F(kHz)       | 30                   |  |  |  |  |  |
| 1.705-30   | 30                 | 30                   |  |  |  |  |  |
| 30-88  | 100                | 3                    |  |  |  |  |  |
| 88-216   | 150                | 3                    |  |  |  |  |  |
| 216-960  | 200                | 3                    |  |  |  |  |  |
| Above 960  | 500                | 3                    |  |  |  |  |  |

Remarks: E field strength  $(dB\mu V/m) = 20 \log E$  field strength (uV/m)

#### 6.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2014 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10, 2014 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas. The measurement is divided into the Preliminary Measurement and the Final Measurement. The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna. The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

#### 6.5. Uncertainty

- ± 3.8 dB below 1GHz
- ± 3.9 dB above 1GHz

#### 6.6. Test Result of Radiated Emission

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5180MHz) |

| Frequency            | Correct | Reading | Measurement | Margin | Limit  |  |
|----------------------|---------|---------|-------------|--------|--------|--|
|                      | Factor  | Level   | Level       |        |        |  |
| MHz                  | dB      | dBµV    | $dB\mu V/m$ | dB     | dBµV/m |  |
| Horizontal           |         |         |             |        |        |  |
| Peak Detector:       |         |         |             |        |        |  |
| 10360.000            | 12.930  | 52.530  | 65.460      | -8.540 | 74.000 |  |
| 15540.000            | *       | *       | *           | *      | 74.000 |  |
| 20720.000            | *       | *       | *           | *      | 74.000 |  |
| 25900.000            | *       | *       | *           | *      | 74.000 |  |
| 31080.000            | *       | *       | *           | *      | 74.000 |  |
| 36260.000            | *       | *       | *           | *      | 74.000 |  |
| Average<br>Detector: |         |         |             |        |        |  |
| 10360.000            | 12.930  | 38.050  | 50.980      | -3.020 | 54.000 |  |
| Vertical             |         |         |             |        |        |  |
| Peak Detector:       |         |         |             |        |        |  |
| 10360.000            | 13.724  | 51.840  | 65.564      | -8.436 | 74.000 |  |
| 15540.000            | *       | *       | *           | *      | 74.000 |  |
| 20720.000            | *       | *       | *           | *      | 74.000 |  |
| 25900.000            | *       | *       | *           | *      | 74.000 |  |
| 31080.000            | *       | *       | *           | *      | 74.000 |  |
| 36260.000            | *       | *       | *           | *      | 74.000 |  |
| Average              |         |         |             |        |        |  |
| <b>Detector:</b>     |         |         |             |        |        |  |
| 10360.000            | 13.724  | 38.140  | 51.864      | -2.136 | 54.000 |  |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5220MHz) |

| Frequency      | Correct | Reading | Measurement | Margin  | Limit  |
|----------------|---------|---------|-------------|---------|--------|
|                | Factor  | Level   | Level       |         |        |
| MHz            | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal     |         |         |             |         |        |
| Peak Detector: |         |         |             |         |        |
| 10440.000      | 13.322  | 50.090  | 63.412      | -10.588 | 74.000 |
| 15660.000      | *       | *       | *           | *       | 74.000 |
| 20880.000      | *       | *       | *           | *       | 74.000 |
| 26100.000      | *       | *       | *           | *       | 74.000 |
| Average        |         |         |             |         |        |
| Detector:      |         |         |             |         |        |
| 10440.000      | 13.322  | 37.450  | 50.772      | -3.228  | 54.000 |
| Vertical       |         |         |             |         |        |
| Peak Detector: |         |         |             |         |        |
| 10440.000      | 14.245  | 50.950  | 65.195      | -8.805  | 74.000 |
| 15660.000      | *       | *       | *           | *       | 74.000 |
| 20880.000      | *       | *       | *           | *       | 74.000 |
| 26100.000      | *       | *       | *           | *       | 74.000 |
| Average        |         |         |             |         |        |
| Detector:      |         |         |             |         |        |
| 10440.000      | 14.245  | 36.960  | 51.205      | -2.795  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5240MHz) |

| Frequency        | Correct | Reading | Measurement | Margin | Limit       |
|------------------|---------|---------|-------------|--------|-------------|
|                  | Factor  | Level   | Level       |        |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB     | $dB\mu V/m$ |
| Horizontal       |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10480.000        | 13.693  | 51.570  | 65.264      | -8.736 | 74.000      |
| 15720.000        | *       | *       | *           | *      | 74.000      |
| 20960.000        | *       | *       | *           | *      | 74.000      |
| 26200.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10480.000        | 13.693  | 37.440  | 51.134      | -2.866 | 54.000      |
| Vertical         |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10480.000        | 14.620  | 50.490  | 65.111      | -8.889 | 74.000      |
| 15720.000        | *       | *       | *           | *      | 74.000      |
| 20960.000        | *       | *       | *           | *      | 74.000      |
| 26200.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10480.000        | 14.620  | 36.980  | 51.601      | -2.399 | 54.000      |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5260MHz) |

| Frequency        | Correct | Reading | Measurement | Margin | Limit       |
|------------------|---------|---------|-------------|--------|-------------|
|                  | Factor  | Level   | Level       |        |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB     | $dB\mu V/m$ |
| Horizontal       |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10520.000        | 14.015  | 50.240  | 64.255      | -9.745 | 74.000      |
| 15780.000        | *       | *       | *           | *      | 74.000      |
| 21040.000        | *       | *       | *           | *      | 74.000      |
| 26300.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10520.000        | 14.015  | 35.690  | 49.705      | -4.295 | 54.000      |
| Vertical         |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10520.000        | 14.818  | 51.330  | 66.148      | -7.852 | 74.000      |
| 15780.000        | *       | *       | *           | *      | 74.000      |
| 21040.000        | *       | *       | *           | *      | 74.000      |
| 26300.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10520.000        | 14.818  | 36.190  | 51.008      | -2.992 | 54.000      |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5300MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit       |
|------------------|---------|---------|-------------|---------|-------------|
|                  | Factor  | Level   | Level       |         |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10600.000        | 14.550  | 42.570  | 57.119      | -16.881 | 74.000      |
| 15900.000        | *       | *       | *           | *       | 74.000      |
| 21200.000        | *       | *       | *           | *       | 74.000      |
| 26500.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10600.000        | 14.550  | 28.380  | 42.929      | -11.071 | 54.000      |
| Vertical         |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10600.000        | 14.881  | 43.620  | 58.501      | -15.499 | 74.000      |
| 15900.000        | *       | *       | *           | *       | 74.000      |
| 21200.000        | *       | *       | *           | *       | 74.000      |
| 26500.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10600.000        | 14.881  | 28.330  | 43.211      | -10.789 | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.

3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.

- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5320MHz) |

| Frequency            | Correct Reading Measurement |        | Measurement | Margin  | Limit  |
|----------------------|-----------------------------|--------|-------------|---------|--------|
|                      | Factor                      | Level  | Level       |         |        |
| MHz                  | dB                          | dBµV   | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal           |                             |        |             |         |        |
| Peak Detector:       |                             |        |             |         |        |
| 10640.000            | 14.690                      | 43.440 | 58.130      | -15.870 | 74.000 |
| 15960.000            | *                           | *      | *           | *       | 74.000 |
| 21280.000            | *                           | *      | *           | *       | 74.000 |
| 26600.000            | *                           | *      | *           | *       | 74.000 |
| Average<br>Detector: |                             |        |             |         |        |
| 10640.000            | 14.690                      | 27.190 | 41.880      | -12.120 | 54.000 |
| Vertical             |                             |        |             |         |        |
| Peak Detector:       |                             |        |             |         |        |
| 10640.000            | 15.083                      | 44.330 | 59.413      | -14.587 | 74.000 |
| 15960.000            | *                           | *      | *           | *       | 74.000 |
| 21280.000            | *                           | *      | *           | *       | 74.000 |
| 26600.000            | *                           | *      | *           | *       | 74.000 |
| Average<br>Detector: |                             |        |             |         |        |
| 10640.000            | 15.083                      | 29.410 | 44.493      | -9.507  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5500MHz) |

| Frequency        | Correct | Correct Reading Measurement Ma |             | Margin  | Limit  |
|------------------|---------|--------------------------------|-------------|---------|--------|
|                  | Factor  | Level                          | Level       |         |        |
| MHz              | dB      | dBµV                           | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal       |         |                                |             |         |        |
| Peak Detector:   |         |                                |             |         |        |
| 11000.000        | 16.399  | 42.360                         | 58.759      | -15.241 | 74.000 |
| 16500.000        | *       | *                              | *           | *       | 74.000 |
| 22000.000        | *       | *                              | *           | *       | 74.000 |
| 27500.000        | *       | *                              | *           | *       | 74.000 |
| Average          |         |                                |             |         |        |
| Detector:        |         |                                |             |         |        |
| 11000.000        | 16.399  | 27.880                         | 44.279      | -9.721  | 54.000 |
| Vertical         |         |                                |             |         |        |
| Peak Detector:   |         |                                |             |         |        |
| 11000.000        | 17.132  | 42.960                         | 60.092      | -13.908 | 74.000 |
| 16500.000        | *       | *                              | *           | *       | 74.000 |
| 22000.000        | *       | *                              | *           | *       | 74.000 |
| 27500.000        | *       | *                              | *           | *       | 74.000 |
| Average          |         |                                |             |         |        |
| <b>Detector:</b> |         |                                |             |         |        |
| 11000.000        | 17.132  | 28.460                         | 45.592      | -8.408  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5580MHz) |

| Frequency      | Correct | Reading | Measurement | Margin  | Limit       |
|----------------|---------|---------|-------------|---------|-------------|
|                | Factor  | Level   | Level       |         |             |
| MHz            | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal     |         |         |             |         |             |
| Peak Detector: |         |         |             |         |             |
| 11160.000      | 16.664  | 44.820  | 61.485      | -12.515 | 74.000      |
| 16800.000      | *       | *       | *           | *       | 74.000      |
| 22400.000      | *       | *       | *           | *       | 74.000      |
| 28000.000      | *       | *       | *           | *       | 74.000      |
| Average        |         |         |             |         |             |
| Detector:      |         |         |             |         |             |
| 11160.000      | 16.664  | 28.150  | 44.815      | -9.185  | 54.000      |
| Vertical       |         |         |             |         |             |
| Peak Detector: |         |         |             |         |             |
| 11160.000      | 16.664  | 28.150  | 44.815      | -9.185  | 54.000      |
| 16800.000      | *       | *       | *           | *       | 74.000      |
| 22400.000      | *       | *       | *           | *       | 74.000      |
| 28000.000      | *       | *       | *           | *       | 74.000      |
| Average        |         |         |             |         |             |
| Detector:      |         |         |             |         |             |
| 11160.000      | 17.643  | 28.410  | 46.053      | -7.947  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.

3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.

4. Measurement Level = Reading Level + Correct Factor.

5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data            |
| Test Site | : | No.3 OATS                                  |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) (5700MHz) |

| Frequency        | Correct | Correct Reading Measurement M |             | Margin  | Limit  |
|------------------|---------|-------------------------------|-------------|---------|--------|
|                  | Factor  | Level                         | Level       |         |        |
| MHz              | dB      | dBµV                          | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal       |         |                               |             |         |        |
| Peak Detector:   |         |                               |             |         |        |
| 11400.000        | 16.530  | 43.180                        | 59.711      | -14.289 | 74.000 |
| 17100.000        | *       | *                             | *           | *       | 74.000 |
| 22800.000        | *       | *                             | *           | *       | 74.000 |
| 28500.000        | *       | *                             | *           | *       | 74.000 |
| Average          |         |                               |             |         |        |
| <b>Detector:</b> |         |                               |             |         |        |
| 11400.000        | 16.530  | 28.050                        | 44.581      | -9.419  | 54.000 |
| Vertical         |         |                               |             |         |        |
| Peak Detector:   |         |                               |             |         |        |
| 11400.000        | 17.138  | 44.310                        | 61.448      | -12.552 | 74.000 |
| 17100.000        | *       | *                             | *           | *       | 74.000 |
| 22800.000        | *       | *                             | *           | *       | 74.000 |
| 28500.000        | *       | *                             | *           | *       | 74.000 |
| Average          |         |                               |             |         |        |
| <b>Detector:</b> |         |                               |             |         |        |
| 11400.000        | 17.138  | 28.120                        | 45.258      | -8.742  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5180MHz) |

| Frequency        | Correct Reading Meas |        | Measurement | Margin  | Limit  |
|------------------|----------------------|--------|-------------|---------|--------|
|                  | Factor               | Level  | Level       |         |        |
| MHz              | dB                   | dBµV   | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal       |                      |        |             |         |        |
| Peak Detector:   |                      |        |             |         |        |
| 10360.000        | 12.930               | 51.920 | 64.850      | -9.150  | 74.000 |
| 15540.000        | *                    | *      | *           | *       | 74.000 |
| 20720.000        | *                    | *      | *           | *       | 74.000 |
| 25900.000        | *                    | *      | *           | *       | 74.000 |
| Average          |                      |        |             |         |        |
| <b>Detector:</b> |                      |        |             |         |        |
| 10360.000        | 12.930               | 36.040 | 48.970      | -5.030  | 54.000 |
| Vertical         |                      |        |             |         |        |
| Peak Detector:   |                      |        |             |         |        |
| 10360.000        | 13.724               | 49.580 | 63.304      | -10.696 | 74.000 |
| 15540.000        | *                    | *      | *           | *       | 74.000 |
| 20720.000        | *                    | *      | *           | *       | 74.000 |
| 25900.000        | *                    | *      | *           | *       | 74.000 |
| Average          |                      |        |             |         |        |
| <b>Detector:</b> |                      |        |             |         |        |
| 10360.000        | 13.724               | 36.040 | 49.764      | -4.236  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5220MHz) |

| Frequency             | Correct | Reading | Measurement | Margin | Limit  |  |
|-----------------------|---------|---------|-------------|--------|--------|--|
|                       | Factor  | Level   | Level       |        |        |  |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB     | dBµV/m |  |
| Horizontal            |         |         |             |        |        |  |
| <b>Peak Detector:</b> |         |         |             |        |        |  |
| 10440.000             | 13.322  | 53.530  | 66.852      | -7.148 | 74.000 |  |
| 15660.000             | *       | *       | *           | *      | 74.000 |  |
| 20880.000             | *       | *       | *           | *      | 74.000 |  |
| 26100.000             | *       | *       | *           | *      | 74.000 |  |
| Average               |         |         |             |        |        |  |
| <b>Detector:</b>      |         |         |             |        |        |  |
| 10440.000             | 13.322  | 37.540  | 50.862      | -3.138 | 54.000 |  |
| Vertical              |         |         |             |        |        |  |
| Peak Detector:        |         |         |             |        |        |  |
| 10440.000             | 14.245  | 52.130  | 66.375      | -7.625 | 74.000 |  |
| 15660.000             | *       | *       | *           | *      | 74.000 |  |
| 20880.000             | *       | *       | *           | *      | 74.000 |  |
| 26100.000             | *       | *       | *           | *      | 74.000 |  |
| Average               |         |         |             |        |        |  |
| Detector:             |         |         |             |        |        |  |
| 10440.000             | 14.245  | 36.550  | 50.795      | -3.205 | 54.000 |  |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5240MHz) |

| Frequency        | Correct | Reading | Measurement | Margin | Limit       |  |
|------------------|---------|---------|-------------|--------|-------------|--|
|                  | Factor  | Level   | Level       |        |             |  |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB     | $dB\mu V/m$ |  |
| Horizontal       |         |         |             |        |             |  |
| Peak Detector:   |         |         |             |        |             |  |
| 10480.000        | 13.693  | 50.880  | 64.574      | -9.426 | 74.000      |  |
| 15720.000        | *       | *       | *           | *      | 74.000      |  |
| 20960.000        | *       | *       | *           | *      | 74.000      |  |
| 26200.000        | *       | *       | *           | *      | 74.000      |  |
| Average          |         |         |             |        |             |  |
| <b>Detector:</b> |         |         |             |        |             |  |
| 10480.000        | 13.693  | 36.050  | 49.744      | -4.256 | 54.000      |  |
| Vertical         |         |         |             |        |             |  |
| Peak Detector:   |         |         |             |        |             |  |
| 10480.000        | 14.620  | 49.960  | 64.581      | -9.419 | 74.000      |  |
| 15720.000        | *       | *       | *           | *      | 74.000      |  |
| 20960.000        | *       | *       | *           | *      | 74.000      |  |
| 26200.000        | *       | *       | *           | *      | 74.000      |  |
| Average          |         |         |             |        |             |  |
| <b>Detector:</b> |         |         |             |        |             |  |
| 10480.000        | 14.620  | 36.060  | 50.681      | -3.319 | 54.000      |  |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5260MHz) |

| Frequency        | Correct | Reading | Measurement | Margin | Limit       |
|------------------|---------|---------|-------------|--------|-------------|
|                  | Factor  | Level   | Level       |        |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB     | $dB\mu V/m$ |
| Horizontal       |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10520.000        | 14.015  | 51.890  | 65.905      | -8.095 | 74.000      |
| 15780.000        | *       | *       | *           | *      | 74.000      |
| 21040.000        | *       | *       | *           | *      | 74.000      |
| 26300.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10520.000        | 14.015  | 36.490  | 50.505      | -3.495 | 54.000      |
| Vertical         |         |         |             |        |             |
| Peak Detector:   |         |         |             |        |             |
| 10520.000        | 14.818  | 49.320  | 64.138      | -9.862 | 74.000      |
| 15780.000        | *       | *       | *           | *      | 74.000      |
| 21040.000        | *       | *       | *           | *      | 74.000      |
| 26300.000        | *       | *       | *           | *      | 74.000      |
| Average          |         |         |             |        |             |
| <b>Detector:</b> |         |         |             |        |             |
| 10520.000        | 14.818  | 36.180  | 50.998      | -3.002 | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5300MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit  |
|------------------|---------|---------|-------------|---------|--------|
|                  | Factor  | Level   | Level       |         |        |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal       |         |         |             |         |        |
| Peak Detector:   |         |         |             |         |        |
| 10600.000        | 14.550  | 41.490  | 56.039      | -17.961 | 74.000 |
| 15900.000        | *       | *       | *           | *       | 74.000 |
| 21200.000        | *       | *       | *           | *       | 74.000 |
| 26500.000        | *       | *       | *           | *       | 74.000 |
| Average          |         |         |             |         |        |
| <b>Detector:</b> |         |         |             |         |        |
| 10600.000        | 14.550  | 27.690  | 42.239      | -11.761 | 54.000 |
| Vertical         |         |         |             |         |        |
| Peak Detector:   |         |         |             |         |        |
| 10600.000        | 14.881  | 42.580  | 57.461      | -16.539 | 74.000 |
| 15900.000        | *       | *       | *           | *       | 74.000 |
| 21200.000        | *       | *       | *           | *       | 74.000 |
| 26500.000        | *       | *       | *           | *       | 74.000 |
| Average          |         |         |             |         |        |
| <b>Detector:</b> |         |         |             |         |        |
| 10600.000        | 14.881  | 27.990  | 42.871      | -11.129 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5320MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit       |
|------------------|---------|---------|-------------|---------|-------------|
|                  | Factor  | Level   | Level       |         |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10640.000        | 14.690  | 42.110  | 56.800      | -17.200 | 74.000      |
| 15960.000        | *       | *       | *           | *       | 74.000      |
| 21280.000        | *       | *       | *           | *       | 74.000      |
| 26600.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10640.000        | 14.690  | 28.170  | 42.860      | -11.140 | 54.000      |
| Vertical         |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10640.000        | 15.083  | 42.330  | 57.413      | -16.587 | 74.000      |
| 15960.000        | *       | *       | *           | *       | 74.000      |
| 21280.000        | *       | *       | *           | *       | 74.000      |
| 26600.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10640.000        | 15.083  | 27.490  | 42.573      | -11.427 | 54.000      |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5500MHz) |

| Frequency        | Correct Reading Measur |        | Measurement | Margin  | Limit       |
|------------------|------------------------|--------|-------------|---------|-------------|
|                  | Factor                 | Level  | Level       |         |             |
| MHz              | dB                     | dBµV   | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |                        |        |             |         |             |
| Peak Detector:   |                        |        |             |         |             |
| 11000.000        | 16.399                 | 42.690 | 59.089      | -14.911 | 74.000      |
| 16500.000        | *                      | *      | *           | *       | 74.000      |
| 22000.000        | *                      | *      | *           | *       | 74.000      |
| 27500.000        | *                      | *      | *           | *       | 74.000      |
| Average          |                        |        |             |         |             |
| <b>Detector:</b> |                        |        |             |         |             |
| 11000.000        | 16.399                 | 28.430 | 44.829      | -9.171  | 54.000      |
| Vertical         |                        |        |             |         |             |
| Peak Detector:   |                        |        |             |         |             |
| 11000.000        | 17.132                 | 42.440 | 59.572      | -14.428 | 74.000      |
| 16500.000        | *                      | *      | *           | *       | 74.000      |
| 22000.000        | *                      | *      | *           | *       | 74.000      |
| 27500 000        | *                      | *      | *           | *       | 74.000      |
| Average          |                        |        |             |         |             |
| Detector:        |                        |        |             |         |             |
| 11000.000        | 17.132                 | 28.360 | 45.492      | -8.508  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5580MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit  |
|------------------|---------|---------|-------------|---------|--------|
|                  | Factor  | Level   | Level       |         |        |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal       |         |         |             |         |        |
| Peak Detector:   |         |         |             |         |        |
| 11160.000        | 16.664  | 41.560  | 58.225      | -15.775 | 74.000 |
| 16800.000        | *       | *       | *           | *       | 74.000 |
| 22400.000        | *       | *       | *           | *       | 74.000 |
| 28000.000        | *       | *       | *           | *       | 74.000 |
| Average          |         |         |             |         |        |
| <b>Detector:</b> |         |         |             |         |        |
| 11160.000        | 16.664  | 41.560  | 58.225      | -15.775 | 74.000 |
| Vertical         |         |         |             |         |        |
| Peak Detector:   |         |         |             |         |        |
| 11160.000        | 17.643  | 42.610  | 60.253      | -13.747 | 74.000 |
| 16800.000        | *       | *       | *           | *       | 74.000 |
| 22400.000        | *       | *       | *           | *       | 74.000 |
| 28000.000        | *       | *       | *           | *       | 74.000 |
| Average          |         |         |             |         |        |
| <b>Detector:</b> |         |         |             |         |        |
| 11160.000        | 17.643  | 27.310  | 44.953      | -9.047  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                    |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) (5700MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit       |
|------------------|---------|---------|-------------|---------|-------------|
|                  | Factor  | Level   | Level       |         |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 11400.000        | 16.530  | 41.070  | 57.601      | -16.399 | 74.000      |
| 17100.000        | *       | *       | *           | *       | 74.000      |
| 22800.000        | *       | *       | *           | *       | 74.000      |
| 28500.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 11140.000        | 16.672  | 27.030  | 43.702      | -10.298 | 54.000      |
| Vertical         |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 11400.000        | 17.138  | 42.340  | 59.478      | -14.522 | 74.000      |
| 17100.000        | *       | *       | *           | *       | 74.000      |
| 22800.000        | *       | *       | *           | *       | 74.000      |
| 28500.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 11400.000        | 17.138  | 27.460  | 44.598      | -9.402  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5190MHz) |

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
|                       | Factor  | Level   | Level       |         |        |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal            |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 10380.000             | 12.939  | 48.560  | 61.499      | -12.501 | 74.000 |
| 15570.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| Detector:             |         |         |             |         |        |
| 10380.000             | 12.939  | 33.510  | 46.449      | -7.551  | 54.000 |
| Vertical              |         |         |             |         |        |
| Peak Detector:        |         |         |             |         |        |
| 10380.000             | 13.796  | 44.960  | 58.756      | -15.244 | 74.000 |
| 15570.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| Detector:             |         |         |             |         |        |
| 10380.000             | 13.796  | 33.390  | 47.186      | -6.814  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5230MHz) |

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
|                       | Factor  | Level   | Level       |         |        |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal            |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 10460.000             | 13.508  | 48.560  | 62.068      | -11.932 | 74.000 |
| 15690.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| 10460.000             | 13.508  | 33.120  | 46.628      | -7.372  | 54.000 |
| Vertical              |         |         |             |         |        |
| Peak Detector:        |         |         |             |         |        |
| 10460.000             | 14.433  | 46.840  | 61.273      | -12.727 | 74.000 |
| 15690.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| Detector:             |         |         |             |         |        |
| 10460.000             | 14.433  | 33.610  | 48.043      | -5.957  | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5270MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit       |
|------------------|---------|---------|-------------|---------|-------------|
|                  | Factor  | Level   | Level       |         |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10540.000        | 14.151  | 47.510  | 61.660      | -12.340 | 74.000      |
| 15810.000        | *       | *       | *           | *       | 74.000      |
| 21080.000        | *       | *       | *           | *       | 74.000      |
| 26350.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10540.000        | 14.151  | 33.290  | 47.440      | -6.560  | 54.000      |
| Vertical         |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 10540.000        | 14.829  | 46.380  | 61.208      | -12.792 | 74.000      |
| 15810.000        | *       | *       | *           | *       | 74.000      |
| 21080.000        | *       | *       | *           | *       | 74.000      |
| 26350.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 10540.000        | 14.829  | 33.540  | 48.368      | -5.632  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5310MHz) |

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
|                       | Factor  | Level   | Level       |         |        |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB      | dBµV/m |
| Horizontal            |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 10620.000             | 14.623  | 41.110  | 55.733      | -18.267 | 74.000 |
| 15930.000             | *       | *       | *           | *       | 74.000 |
| 21240.000             | *       | *       | *           | *       | 74.000 |
| 26550.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| 10620.000             | 14.623  | 27.030  | 41.653      | -12.347 | 54.000 |
| Vertical              |         |         |             |         |        |
| Peak Detector:        |         |         |             |         |        |
| 10620.000             | 14.970  | 42.160  | 57.130      | -16.870 | 74.000 |
| 15930.000             | *       | *       | *           | *       | 74.000 |
| 21240.000             | *       | *       | *           | *       | 74.000 |
| 26550.000             | *       | *       | *           | *       | 74.000 |
| Average               |         |         |             |         |        |
| Detector:             |         |         |             |         |        |
| 10620.000             | 14.970  | 27.040  | 42.010      | -11.990 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5510MHz) |

| Frequency             | Correct | Reading | Measurement | Margin  | Limit       |
|-----------------------|---------|---------|-------------|---------|-------------|
|                       | Factor  | Level   | Level       |         |             |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal            |         |         |             |         |             |
| <b>Peak Detector:</b> |         |         |             |         |             |
| 11020.000             | 16.474  | 41.470  | 57.943      | -16.057 | 74.000      |
| 15930.000             | *       | *       | *           | *       | 74.000      |
| 21240.000             | *       | *       | *           | *       | 74.000      |
| 26550.000             | *       | *       | *           | *       | 74.000      |
| Average               |         |         |             |         |             |
| <b>Detector:</b>      |         |         |             |         |             |
| 11020.000             | 16.474  | 26.980  | 43.453      | -10.547 | 54.000      |
| Vertical              |         |         |             |         |             |
| Peak Detector:        |         |         |             |         |             |
| 11020.000             | 17.224  | 41.550  | 58.774      | -15.226 | 74.000      |
| 15930.000             | *       | *       | *           | *       | 74.000      |
| 21240.000             | *       | *       | *           | *       | 74.000      |
| 26550.000             | *       | *       | *           | *       | 74.000      |
| Average               |         |         |             |         |             |
| <b>Detector:</b>      |         |         |             |         |             |
| 11020.000             | 17.224  | 27.140  | 44.364      | -9.636  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5550MHz) |

| Frequency        | Correct | Reading | Measurement | Margin  | Limit       |
|------------------|---------|---------|-------------|---------|-------------|
|                  | Factor  | Level   | Level       |         |             |
| MHz              | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal       |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 11100.000        | 16.681  | 40.070  | 56.751      | -17.249 | 74.000      |
| 16770.000        | *       | *       | *           | *       | 74.000      |
| 22360.000        | *       | *       | *           | *       | 74.000      |
| 27950.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 11100.000        | 16.681  | 26.390  | 43.071      | -10.929 | 54.000      |
| Vertical         |         |         |             |         |             |
| Peak Detector:   |         |         |             |         |             |
| 11100.000        | 17.523  | 41.390  | 58.913      | -15.087 | 74.000      |
| 16770.000        | *       | *       | *           | *       | 74.000      |
| 22360.000        | *       | *       | *           | *       | 74.000      |
| 27950.000        | *       | *       | *           | *       | 74.000      |
| Average          |         |         |             |         |             |
| <b>Detector:</b> |         |         |             |         |             |
| 11100.000        | 17.523  | 27.420  | 44.943      | -9.057  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Harmonic Radiated Emission Data                  |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) (5670MHz) |

| Frequency             | Correct | Reading | Measurement | Margin  | Limit       |
|-----------------------|---------|---------|-------------|---------|-------------|
|                       | Factor  | Level   | Level       |         |             |
| MHz                   | dB      | dBµV    | $dB\mu V/m$ | dB      | $dB\mu V/m$ |
| Horizontal            |         |         |             |         |             |
| <b>Peak Detector:</b> |         |         |             |         |             |
| 11340.000             | 16.408  | 40.360  | 56.767      | -17.233 | 74.000      |
| 17010.000             | *       | *       | *           | *       | 74.000      |
| 22680.000             | *       | *       | *           | *       | 74.000      |
| 28350.000             | *       | *       | *           | *       | 74.000      |
| Average               |         |         |             |         |             |
| <b>Detector:</b>      |         |         |             |         |             |
| 11340.000             | 16.408  | 26.490  | 42.897      | -11.103 | 54.000      |
| Vertical              |         |         |             |         |             |
| Peak Detector:        |         |         |             |         |             |
| 11340.000             | 17.167  | 41.530  | 58.697      | -15.303 | 74.000      |
| 17010.000             | *       | *       | *           | *       | 74.000      |
| 22680.000             | *       | *       | *           | *       | 74.000      |
| 28350.000             | *       | *       | *           | *       | 74.000      |
| Average               |         |         |             |         |             |
| <b>Detector:</b>      |         |         |             |         |             |
| 11340.000             | 17.167  | 27.380  | 44.547      | -9.453  | 54.000      |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.

6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product               | : TABLET PC  |         |             |         |        |  |  |
|-----------------------|--|---------|-------------|---------|--------|--|--|
| Test Item             | : Harmonic Radiated Emission Data                      |         |             |         |        |  |  |
| Test Site             | : No.3 OATS  |         |             |         |        |  |  |
| Test Mode             | e : Mode 4: Transmit (802.11ac-20BW-7.2Mbps) (5720MHz) |         |             |         |        |  |  |
| Frequency             | Correct  | Reading | Measurement | Margin  | Limit  |  |  |
|                       | Factor   | Level   | Level       |         |        |  |  |
| MHz                   | dB   | dBuV    | dBuV/m      | dB      | dBuV/m |  |  |
| Horizontal            |  |         |             |         |        |  |  |
| Peak Detector:        |  |         |             |         |        |  |  |
| 11440.000             | 16.779   | 36.510  | 53.289      | -20.711 | 74.000 |  |  |
| 11550.000             | *  | *       | *           | *       | 74.000 |  |  |
| 17325.000             | *  | *       | *           | *       | 74.000 |  |  |
| 20720.000             | *  | *       | *           | *       | 74.000 |  |  |
| 25900.000             | *  | *       | *           | *       | 74.000 |  |  |
| 31080.000             | *  | *       | *           | *       | 74.000 |  |  |
| 36260.000             | *  | *       | *           | *       | 74.000 |  |  |
| Average               |  |         |             |         |        |  |  |
| <b>Detector:</b>      |  |         |             |         |        |  |  |
| *                     | *  | *       | *           | *       | *      |  |  |
| Vertical              |  |         |             |         |        |  |  |
| <b>Peak Detector:</b> |  |         |             |         |        |  |  |
| 11440.000             | 17.519   | 36.230  | 53.749      | -20.251 | 74.000 |  |  |
| 11550.000             | *  | *       | *           | *       | 74.000 |  |  |
| 17325.000             | *  | *       | *           | *       | 74.000 |  |  |
| 20720.000             | *  | *       | *           | *       | 74.000 |  |  |
| 25900.000             | *  | *       | *           | *       | 74.000 |  |  |
| 31080.000             | *  | *       | *           | *       | 74.000 |  |  |
| 36260.000             | *  | *       | *           | *       | 74.000 |  |  |
| Average               |  |         |             |         |        |  |  |
| <b>Detector:</b>      |  |         |             |         |        |  |  |
| *                     | *  | *       | *           | *       | *      |  |  |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
| Product                      | : TABLE                           | T PC               |                      |          |         |  |
|------------------------------|-----------------------------------|--------------------|----------------------|----------|---------|--|
| Test Item                    | : Harmonic Radiated Emission Data |                    |                      |          |         |  |
| Test Site                    | : No.3 OA                         | ATS                |                      |          |         |  |
| Test Mode                    | : Mode 5                          | : Transmit (802.11 | lac-40BW-15Mbps) (   | 5710MHz) |         |  |
| Frequency                    | Correct                           | Reading            | Measurement          | Margin   | Limit   |  |
| requency                     | Factor                            | Level              | Level                | mangin   |         |  |
| MH <sub>7</sub>              | dB                                | dBuV               | dBuV/m               | dB       | dBuV/m  |  |
| Ivil 12                      | dD                                | uDu v              | dDu v/III            | цБ       | dDu v/m |  |
| Horizontai<br>Dooly Dotootow |                                   |                    |                      |          |         |  |
| reak Delector:               | 16.640                            | 26.420             | <b>50</b> 0 <b>7</b> |          | -       |  |
| 11420.000                    | 16.648                            | 36.430             | 53.077               | -20.923  | 74.000  |  |
| 11550.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 17325.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 20720.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 25900.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 31080.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 36260.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| Average                      |                                   |                    |                      |          |         |  |
| <b>Detector:</b>             |                                   |                    |                      |          |         |  |
| *                            | *                                 | *                  | *                    | *        | *       |  |
| Vertical                     |                                   |                    |                      |          |         |  |
| <b>Peak Detector:</b>        |                                   |                    |                      |          |         |  |
| 11420.000                    | 17.311                            | 35.440             | 52.750               | -21.250  | 74.000  |  |
| 11550.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 17325.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 20720.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 25900.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 31080.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| 36260.000                    | *                                 | *                  | *                    | *        | 74.000  |  |
| Average                      |                                   |                    |                      |          |         |  |
| Detector:                    |                                   |                    |                      |          |         |  |
| *                            | *                                 | *                  | *                    | *        | *       |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product               | : TABLE                           | T PC               |                   |          |        |  |
|-----------------------|-----------------------------------|--------------------|-------------------|----------|--------|--|
| Test Item             | : Harmonic Radiated Emission Data |                    |                   |          |        |  |
| Test Site             | : No.3 O                          | ATS                |                   |          |        |  |
| Test Mode             | : Mode 6                          | : Transmit (802.11 | ac-80BW-65Mbps) ( | 5210MHz) |        |  |
| _                     | ~                                 |                    |                   |          | - · ·  |  |
| Frequency             | Correct                           | Reading            | Measurement       | Margin   | Limit  |  |
|                       | Factor                            | Level              | Level             |          |        |  |
| MHz                   | dB                                | dBuV               | dBuV/m            | dB       | dBuV/m |  |
| Horizontal            |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 10420.000             | 13.135                            | 39.930             | 53.065            | -20.935  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |
| Vertical              |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 10420.000             | 14.057                            | 38.554             | 52.611            | -21.389  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | ste      | 4      |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product               | : TABLE                           | T PC               |                   |          |        |  |
|-----------------------|-----------------------------------|--------------------|-------------------|----------|--------|--|
| Test Item             | : Harmonic Radiated Emission Data |                    |                   |          |        |  |
| Test Site             | : No.3 O                          | ATS                |                   |          |        |  |
| Test Mode             | : Mode 6                          | : Transmit (802.11 | ac-80BW-65Mbps) ( | 5290MHz) |        |  |
| Fraquency             | Correct                           | Reading            | Magguramant       | Margin   | Limit  |  |
| requeitey             | Easter                            | Laval              | Laval             | wiargin  | Lillit |  |
|                       | Factor                            | Level              |                   | 10       |        |  |
| MHz                   | dB                                | dBuV               | dBuV/m            | dB       | dBuV/m |  |
| Horizontal            |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 10580.000             | 14.423                            | 38.386             | 52.809            | -21.191  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |
| Vertical              |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 10580.000             | 14.849                            | 37.531             | 52.380            | -21.620  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product               | : TABLE                           | T PC               |                   |          |        |  |
|-----------------------|-----------------------------------|--------------------|-------------------|----------|--------|--|
| Test Item             | : Harmonic Radiated Emission Data |                    |                   |          |        |  |
| Test Site             | : No.3 OA                         | ATS                |                   |          |        |  |
| Test Mode             | : Mode 6                          | : Transmit (802.11 | ac-80BW-65Mbps) ( | 5530MHz) |        |  |
|                       |                                   |                    |                   |          |        |  |
| Frequency             | Correct                           | Reading            | Measurement       | Margin   | Limit  |  |
|                       | Factor                            | Level              | Level             |          |        |  |
| MHz                   | dB                                | dBuV               | dBuV/m            | dB       | dBuV/m |  |
| Horizontal            |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 11060.000             | 16.580                            | 35.630             | 52.210            | -21.790  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |
| Vertical              |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 11060.000             | 17.375                            | 35.610             | 52.985            | -21.015  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| Detector:             |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product               | : TABLE   | T PC               |                    |          |        |
|-----------------------|-----------|--------------------|--------------------|----------|--------|
| Test Item             | : Harmon  | ic Radiated Emiss  | sion Data          |          |        |
| Test Site             | : No.3 OA | ATS                |                    |          |        |
| Test Mode             | : Mode 6  | : Transmit (802.11 | lac-80BW-65Mbps) ( | 5610MHz) |        |
| Frequency             | Correct   | Reading            | Measurement        | Margin   | Limit  |
| requency              | Factor    | Level              | Level              | mangin   |        |
| $M$ U $_{\pi}$        |           | dPuV               | dPuV/m             | ٩D       | dDuV/m |
|                       | UD        | UDUV               |                    | цБ       |        |
| Horizontal            |           |                    |                    |          |        |
| Peak Detector:        |           |                    |                    |          |        |
| 11220.000             | 16.589    | 36.045             | 52.635             | -21.365  | 74.000 |
| 11550.000             | *         | *                  | *                  | *        | 74.000 |
| 17325.000             | *         | *                  | *                  | *        | 74.000 |
| 20720.000             | *         | *                  | *                  | *        | 74.000 |
| 25900.000             | *         | *                  | *                  | *        | 74.000 |
| 31080.000             | *         | *                  | *                  | *        | 74.000 |
| 36260.000             | *         | *                  | *                  | *        | 74.000 |
| Average               |           |                    |                    |          |        |
| <b>Detector:</b>      |           |                    |                    |          |        |
| *                     | *         | *                  | *                  | *        | *      |
| Vertical              |           |                    |                    |          |        |
| <b>Peak Detector:</b> |           |                    |                    |          |        |
| 11220.000             | 17.620    | 34.727             | 52.347             | -21.653  | 74.000 |
| 11550.000             | *         | *                  | *                  | *        | 74.000 |
| 17325.000             | *         | *                  | *                  | *        | 74.000 |
| 20720.000             | *         | *                  | *                  | *        | 74.000 |
| 25900.000             | *         | *                  | *                  | *        | 74.000 |
| 31080.000             | *         | *                  | *                  | *        | 74.000 |
| 36260.000             | *         | *                  | *                  | *        | 74.000 |
| Average               |           |                    |                    |          |        |
| <b>Detector:</b>      |           |                    |                    |          |        |
| *                     | *         | *                  | *                  | *        | *      |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product               | : TABLE                           | T PC               |                   |          |        |  |
|-----------------------|-----------------------------------|--------------------|-------------------|----------|--------|--|
| Test Item             | : Harmonic Radiated Emission Data |                    |                   |          |        |  |
| Test Site             | : No.3 OA                         | ATS                |                   |          |        |  |
| Test Mode             | : Mode 6                          | : Transmit (802.11 | ac-80BW-65Mbps) ( | 5690MHz) |        |  |
| _                     | ~                                 |                    |                   |          |        |  |
| Frequency             | Correct                           | Reading            | Measurement       | Margin   | Limit  |  |
|                       | Factor                            | Level              | Level             |          |        |  |
| MHz                   | dB                                | dBuV               | dBuV/m            | dB       | dBuV/m |  |
| Horizontal            |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 11380.000             | 16.480                            | 36.090             | 52.571            | -21.429  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |
| Vertical              |                                   |                    |                   |          |        |  |
| <b>Peak Detector:</b> |                                   |                    |                   |          |        |  |
| 11380.000             | 17.125                            | 36.510             | 53.636            | -20.364  | 74.000 |  |
| 11550.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 17325.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 20720.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 25900.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 31080.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| 36260.000             | *                                 | *                  | *                 | *        | 74.000 |  |
| Average               |                                   |                    |                   |          |        |  |
| <b>Detector:</b>      |                                   |                    |                   |          |        |  |
| *                     | *                                 | *                  | *                 | *        | *      |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Product              | : TABLET PC                 |                  |                   |         |        |  |
|----------------------|-----------------------------|------------------|-------------------|---------|--------|--|
| Test Item            | : General Radiated Emission |                  |                   |         |        |  |
| Test Site            | : No.3 OA                   | ГS               |                   |         |        |  |
| Test Mode            | : Mode 1: 7                 | Fransmit (802.11 | a-6Mbps) (5220MHz | )       |        |  |
| Frequency            | Correct                     | Reading          | Measurement       | Margin  | Limit  |  |
| 1                    | Factor                      | Level            | Level             |         |        |  |
| MHz                  | dB                          | dBµV             | dBµV/m            | dB      | dBµV/m |  |
| Horizontal           |                             |                  |                   |         |        |  |
| <b>Peak Detector</b> |                             |                  |                   |         |        |  |
| 161.920              | -11.626                     | 47.213           | 35.588            | -7.912  | 43.500 |  |
| 392.780              | -2.096                      | 36.327           | 34.231            | -11.769 | 46.000 |  |
| 483.960              | -0.688                      | 36.919           | 36.232            | -9.768  | 46.000 |  |
| 600.360              | 3.977                       | 33.950           | 37.927            | -8.073  | 46.000 |  |
| 712.880              | 3.569                       | 27.806           | 31.375            | -14.625 | 46.000 |  |
| 961.200              | 6.450                       | 43.499           | 49.949            | -4.051  | 54.000 |  |
|                      |                             |                  |                   |         |        |  |
| Vertical             |                             |                  |                   |         |        |  |
| <b>Peak Detector</b> |                             |                  |                   |         |        |  |
| 111.480              | -0.954                      | 35.740           | 34.786            | -8.714  | 43.500 |  |
| 181.320              | -9.512                      | 44.271           | 34.759            | -8.741  | 43.500 |  |
| 222.060              | -8.789                      | 43.212           | 34.423            | -11.577 | 46.000 |  |
| 286.080              | -8.097                      | 45.106           | 37.009            | -8.991  | 46.000 |  |
| 365.620              | -2.179                      | 34.574           | 32.395            | -13.605 | 46.000 |  |
| 747.800              | 2.166                       | 30.672           | 32.838            | -13.162 | 46.000 |  |
|                      |                             |                  |                   |         |        |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product              | : TABLET     | PC<br>a diata d Emissia |                     |         |        |
|----------------------|--------------|-------------------------|---------------------|---------|--------|
| Test Item            | : General R  |                         | n                   |         |        |
| Test Sile            | . No.3 UAI   | 5<br>Froncemit (202 11  | a 6Mhma) (5200MHz   |         |        |
| Test Widde           | . Wrode I. I | Talisiiit (802.11       | a-owiops) (3300winz | .)      |        |
| Frequency            | Correct      | Reading                 | Measurement         | Margin  | Limit  |
|                      | Factor       | Level                   | Level               |         |        |
| MHz                  | dB           | dBµV                    | $dB\mu V/m$         | dB      | dBµV/m |
| Horizontal           |              |                         |                     |         |        |
| <b>Peak Detector</b> |              |                         |                     |         |        |
| 222.060              | -10.439      | 45.017                  | 34.578              | -11.422 | 46.000 |
| 505.300              | 0.308        | 31.268                  | 31.576              | -14.424 | 46.000 |
| 664.380              | 2.062        | 29.952                  | 32.014              | -13.986 | 46.000 |
| 747.800              | 3.296        | 29.620                  | 32.916              | -13.084 | 46.000 |
| 858.380              | 5.972        | 31.844                  | 37.816              | -8.184  | 46.000 |
| 961.200              | 6.450        | 43.202                  | 49.652              | -4.348  | 54.000 |
|                      |              |                         |                     |         |        |
| Vertical             |              |                         |                     |         |        |
| <b>Peak Detector</b> |              |                         |                     |         |        |
| 101.780              | -0.021       | 34.656                  | 34.634              | -8.866  | 43.500 |
| 171.620              | -8.752       | 41.884                  | 33.132              | -10.368 | 43.500 |
| 229.820              | -8.512       | 44.640                  | 36.128              | -9.872  | 46.000 |
| 363.680              | -2.393       | 37.978                  | 35.585              | -10.415 | 46.000 |
| 480.080              | -4.359       | 32.641                  | 28.282              | -17.718 | 46.000 |
| 961.200              | 7.260        | 33.483                  | 40.743              | -13.257 | 54.000 |
|                      |              |                         |                     |         |        |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

|            | •   | - |    |
|------------|-----|---|----|
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| Product       | : TABLET PC                 |                  |                   |         |             |  |
|---------------|-----------------------------|------------------|-------------------|---------|-------------|--|
| Test Item     | : General Radiated Emission |                  |                   |         |             |  |
| Test Site     | : No.3 OATS                 |                  |                   |         |             |  |
| Test Mode     | : Mode 1:                   | Transmit (802.11 | a-6Mbps) (5580MHz | z)      |             |  |
|               |                             |                  |                   |         |             |  |
| Frequency     | Correct                     | Reading          | Measurement       | Margin  | Limit       |  |
|               | Factor                      | Level            | Level             |         |             |  |
| MHz           | dB                          | dBµV             | $dB\mu V/m$       | dB      | $dB\mu V/m$ |  |
| Horizontal    |                             |                  |                   |         |             |  |
| Peak Detector |                             |                  |                   |         |             |  |
| 152.220       | -10.135                     | 41.859           | 31.724            | -11.776 | 43.500      |  |
| 402.480       | -2.263                      | 33.788           | 31.525            | -14.475 | 46.000      |  |
| 513.060       | 1.550                       | 30.172           | 31.722            | -14.278 | 46.000      |  |
| 625.580       | 1.770                       | 28.788           | 30.558            | -15.442 | 46.000      |  |
| 697.360       | 3.171                       | 27.379           | 30.550            | -15.450 | 46.000      |  |
| 961.200       | 6.450                       | 43.013           | 49.463            | -4.537  | 54.000      |  |
|               |                             |                  |                   |         |             |  |
| Vertical      |                             |                  |                   |         |             |  |
| Peak Detector |                             |                  |                   |         |             |  |
| 134.760       | -4.648                      | 37.232           | 32.584            | -10.916 | 43.500      |  |
| 355.920       | -3.488                      | 38.783           | 35.295            | -10.705 | 46.000      |  |
| 480.080       | -4.359                      | 36.246           | 31.887            | -14.113 | 46.000      |  |
| 600.360       | -2.833                      | 29.121           | 26.288            | -19.712 | 46.000      |  |
| 747.800       | 2.166                       | 29.746           | 31.912            | -14.088 | 46.000      |  |
| 961.200       | 7.260                       | 36.865           | 44.125            | -9.875  | 54.000      |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product              | : TABLET PC                 |                  |                  |           |             |  |
|----------------------|-----------------------------|------------------|------------------|-----------|-------------|--|
| Test Item            | : General Radiated Emission |                  |                  |           |             |  |
| Test Site            | : No.3 OA                   | ATS              |                  |           |             |  |
| Test Mode            | : Mode 2:                   | Transmit (802.11 | n-20BW 14.4Mbps) | (5220MHz) |             |  |
|                      |                             |                  |                  |           |             |  |
| Frequency            | Correct                     | Reading          | Measurement      | Margin    | Limit       |  |
|                      | Factor                      | Level            | Level            |           |             |  |
| MHz                  | dB                          | dBµV             | $dB\mu V/m$      | dB        | $dB\mu V/m$ |  |
| Horizontal           |                             |                  |                  |           |             |  |
| <b>Peak Detector</b> |                             |                  |                  |           |             |  |
| 171.620              | -10.242                     | 44.542           | 34.300           | -9.200    | 43.500      |  |
| 406.360              | -2.500                      | 35.772           | 33.272           | -12.728   | 46.000      |  |
| 559.620              | 1.664                       | 33.160           | 34.824           | -11.176   | 46.000      |  |
| 608.120              | 4.384                       | 29.852           | 34.236           | -11.764   | 46.000      |  |
| 720.640              | 3.511                       | 31.804           | 35.315           | -10.685   | 46.000      |  |
| 961.200              | 6.450                       | 43.648           | 50.098           | -3.902    | 54.000      |  |
|                      |                             |                  |                  |           |             |  |
| Vertical             |                             |                  |                  |           |             |  |
| <b>Peak Detector</b> |                             |                  |                  |           |             |  |
| 159.980              | -6.185                      | 38.478           | 32.293           | -11.207   | 43.500      |  |
| 288.020              | -8.189                      | 44.244           | 36.055           | -9.945    | 46.000      |  |
| 390.840              | -3.099                      | 37.207           | 34.108           | -11.892   | 46.000      |  |
| 509.180              | -0.158                      | 31.207           | 31.049           | -14.951   | 46.000      |  |
| 687.660              | 2.444                       | 27.477           | 29.921           | -16.079   | 46.000      |  |
| 961.200              | 7.260                       | 36.351           | 43.611           | -10.389   | 54.000      |  |
|                      |                             |                  |                  |           |             |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product              | : TABLET PC |                  |                  |           |        |
|----------------------|-------------|------------------|------------------|-----------|--------|
| Test Item            | : General   | Radiated Emissic | on               |           |        |
| Test Site            | : No.3 OA   | ATS              |                  |           |        |
| Test Mode            | : Mode 2:   | Transmit (802.11 | n-20BW 14.4Mbps) | (5300MHz) |        |
|                      |             |                  |                  |           |        |
| Frequency            | Correct     | Reading          | Measurement      | Margin    | Limit  |
|                      | Factor      | Level            | Level            |           |        |
| MHz                  | dB          | dBµV             | $dB\mu V/m$      | dB        | dBµV/m |
| Horizontal           |             |                  |                  |           |        |
| Peak Detector        |             |                  |                  |           |        |
| 148.340              | -10.254     | 41.038           | 30.784           | -12.716   | 43.500 |
| 408.300              | -2.866      | 38.357           | 35.491           | -10.509   | 46.000 |
| 474.260              | 0.024       | 36.979           | 37.002           | -8.998    | 46.000 |
| 600.360              | 3.977       | 34.330           | 38.307           | -7.693    | 46.000 |
| 720.640              | 3.511       | 32.508           | 36.019           | -9.981    | 46.000 |
| 961.200              | 6.450       | 43.038           | 49.488           | -4.512    | 54.000 |
|                      |             |                  |                  |           |        |
| Vertical             |             |                  |                  |           |        |
| <b>Peak Detector</b> |             |                  |                  |           |        |
| 111.480              | -0.954      | 37.405           | 36.451           | -7.049    | 43.500 |
| 235.640              | -9.330      | 48.536           | 39.206           | -6.794    | 46.000 |
| 390.840              | -3.099      | 35.414           | 32.315           | -13.685   | 46.000 |
| 480.080              | -4.359      | 40.738           | 36.379           | -9.621    | 46.000 |
| 666.320              | -1.809      | 32.539           | 30.731           | -15.269   | 46.000 |
| 961.200              | 7.260       | 36.131           | 43.391           | -10.609   | 54.000 |
|                      |             |                  |                  |           |        |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product              | : TABLET PC |                             |                  |           |             |  |  |
|----------------------|-------------|-----------------------------|------------------|-----------|-------------|--|--|
| Test Item            | : General   | : General Radiated Emission |                  |           |             |  |  |
| Test Site            | : No.3 OA   | ATS                         |                  |           |             |  |  |
| Test Mode            | : Mode 2    | : Transmit (802.11          | n-20BW 14.4Mbps) | (5580MHz) |             |  |  |
| Frequency            | Correct     | Reading                     | Measurement      | Margin    | Limit       |  |  |
|                      | Factor      | Level                       | Level            |           |             |  |  |
| MHz                  | dB          | dBµV                        | $dB\mu V/m$      | dB        | $dB\mu V/m$ |  |  |
| Horizontal           |             |                             |                  |           |             |  |  |
| <b>Peak Detector</b> |             |                             |                  |           |             |  |  |
| 159.980              | -11.775     | 43.334                      | 31.559           | -11.941   | 43.500      |  |  |
| 355.920              | -2.528      | 40.571                      | 38.043           | -7.957    | 46.000      |  |  |
| 460.680              | 1.589       | 34.277                      | 35.866           | -10.134   | 46.000      |  |  |
| 600.360              | 3.977       | 35.394                      | 39.371           | -6.629    | 46.000      |  |  |
| 720.640              | 3.511       | 31.599                      | 35.110           | -10.890   | 46.000      |  |  |
| 825.400              | 6.250       | 24.043                      | 30.293           | -15.707   | 46.000      |  |  |
|                      |             |                             |                  |           |             |  |  |
| Vertical             |             |                             |                  |           |             |  |  |
| <b>Peak Detector</b> |             |                             |                  |           |             |  |  |
| 159.980              | -6.185      | 41.531                      | 35.346           | -8.154    | 43.500      |  |  |
| 288.020              | -8.189      | 43.397                      | 35.208           | -10.792   | 46.000      |  |  |
| 365.620              | -2.179      | 40.213                      | 38.034           | -7.966    | 46.000      |  |  |
| 480.080              | -4.359      | 36.693                      | 32.334           | -13.666   | 46.000      |  |  |
| 681.840              | 1.484       | 28.552                      | 30.036           | -15.964   | 46.000      |  |  |
| 961.200              | 7.260       | 36.174                      | 43.434           | -10.566   | 54.000      |  |  |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product       | : TABLET PC |                  |                   |         |        |
|---------------|-------------|------------------|-------------------|---------|--------|
| Test Item     | : General ] | Radiated Emissio | n                 |         |        |
| Test Site     | : No.3 OA   | TS               |                   |         |        |
| Test Mode     | : Mode 3:   | Transmit (802.11 | n-40BW 30Mbps) (5 | 190MHz) |        |
| Frequency     | Correct     | Reading          | Measurement       | Margin  | Limit  |
|               | Factor      | Level            | Level             |         |        |
| MHz           | dB          | dBµV             | $dB\mu V/m$       | dB      | dBµV/m |
| Horizontal    |             |                  |                   |         |        |
| Peak Detector |             |                  |                   |         |        |
| 101.780       | -7.141      | 42.502           | 35.361            | -8.139  | 43.500 |
| 152.220       | -10.135     | 40.694           | 30.559            | -12.941 | 43.500 |
| 369.500       | -1.098      | 35.487           | 34.389            | -11.611 | 46.000 |
| 468.440       | 1.195       | 33.790           | 34.985            | -11.015 | 46.000 |
| 600.360       | 3.977       | 36.226           | 40.203            | -5.797  | 46.000 |
| 961.200       | 6.450       | 42.479           | 48.929            | -5.071  | 54.000 |
|               |             |                  |                   |         |        |
| Vertical      |             |                  |                   |         |        |
| Peak Detector |             |                  |                   |         |        |
| 119.240       | -3.541      | 34.451           | 30.910            | -12.590 | 43.500 |
| 237.580       | -8.970      | 49.206           | 40.236            | -5.764  | 46.000 |
| 357.860       | -3.734      | 40.629           | 36.895            | -9.105  | 46.000 |
| 480.080       | -4.359      | 35.967           | 31.608            | -14.392 | 46.000 |
| 687.660       | 2.444       | 28.304           | 30.748            | -15.252 | 46.000 |
| 831.220       | 2.561       | 33.565           | 36.126            | -9.874  | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product              | : TABLET PC |                    |                   |         |        |
|----------------------|-------------|--------------------|-------------------|---------|--------|
| Test Item            | : General   | Radiated Emissio   | n                 |         |        |
| Test Site            | : No.3 O    | ATS                |                   |         |        |
| Test Mode            | : Mode 3    | : Transmit (802.11 | n-40BW 30Mbps) (5 | 270MHz) |        |
| Frequency            | Correct     | Reading            | Measurement       | Margin  | Limit  |
|                      | Factor      | Level              | Level             |         |        |
| MHz                  | dB          | dBµV               | $dB\mu V/m$       | dB      | dBµV/m |
| Horizontal           |             |                    |                   |         |        |
| <b>Peak Detector</b> |             |                    |                   |         |        |
| 49.400               | -11.018     | 44.021             | 33.003            | -6.997  | 40.000 |
| 225.940              | -9.878      | 45.873             | 35.994            | -10.006 | 46.000 |
| 398.600              | -2.268      | 36.141             | 33.873            | -12.127 | 46.000 |
| 600.360              | 3.977       | 35.177             | 39.154            | -6.846  | 46.000 |
| 747.800              | 3.296       | 29.772             | 33.068            | -12.932 | 46.000 |
| 961.200              | 6.450       | 42.999             | 49.449            | -4.551  | 54.000 |
|                      |             |                    |                   |         |        |
| Vertical             |             |                    |                   |         |        |
| <b>Peak Detector</b> |             |                    |                   |         |        |
| 165.800              | -7.719      | 43.118             | 35.399            | -8.101  | 43.500 |
| 276.380              | -8.653      | 45.953             | 37.300            | -8.700  | 46.000 |
| 369.500              | -2.868      | 38.155             | 35.287            | -10.713 | 46.000 |
| 480.080              | -4.359      | 39.388             | 35.029            | -10.971 | 46.000 |
| 664.380              | -1.918      | 34.414             | 32.496            | -13.504 | 46.000 |
| 961.200              | 7.260       | 36.736             | 43.996            | -10.004 | 54.000 |

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- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product       | : TABLET PC |                  |                   |         |             |
|---------------|-------------|------------------|-------------------|---------|-------------|
| Test Item     | : General   | Radiated Emissio | n                 |         |             |
| Test Site     | : No.3 OA   | ATS              |                   |         |             |
| Test Mode     | : Mode 3:   | Transmit (802.11 | n-40BW 30Mbps) (5 | 550MHz) |             |
| Frequency     | Correct     | Reading          | Measurement       | Margin  | Limit       |
|               | Factor      | Level            | Level             |         |             |
| MHz           | dB          | dBµV             | $dB\mu V/m$       | dB      | $dB\mu V/m$ |
| Horizontal    |             |                  |                   |         |             |
| Peak Detector |             |                  |                   |         |             |
| 175.500       | -10.017     | 46.537           | 36.519            | -6.981  | 43.500      |
| 396.660       | -2.296      | 35.982           | 33.686            | -12.314 | 46.000      |
| 476.200       | -0.252      | 39.170           | 38.918            | -7.082  | 46.000      |
| 600.360       | 3.977       | 33.844           | 37.821            | -8.179  | 46.000      |
| 666.320       | 2.031       | 31.468           | 33.500            | -12.500 | 46.000      |
| 961.200       | 6.450       | 43.395           | 49.845            | -4.155  | 54.000      |
|               |             |                  |                   |         |             |
| Vertical      |             |                  |                   |         |             |
| Peak Detector |             |                  |                   |         |             |
| 169.680       | -8.728      | 42.051           | 33.323            | -10.177 | 43.500      |
| 299.660       | -6.855      | 42.258           | 35.403            | -10.597 | 46.000      |
| 373.380       | -2.373      | 35.882           | 33.509            | -12.491 | 46.000      |
| 503.360       | -0.852      | 29.721           | 28.869            | -17.131 | 46.000      |
| 637.220       | -3.649      | 31.262           | 27.613            | -18.387 | 46.000      |
| 961.200       | 7.260       | 34.913           | 42.173            | -11.827 | 54.000      |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product              | : TABLET PC |                  |                  |           |        |
|----------------------|-------------|------------------|------------------|-----------|--------|
| Test Item            | : General   | Radiated Emissic | n                |           |        |
| Test Site            | : No.3 OA   | ATS              |                  | ·         |        |
| Test Mode            | : Mode 4:   | Transmit (802.11 | ac-20BW-7.2Mbps) | (5720MHz) |        |
| Frequency            | Correct     | Reading          | Measurement      | Margin    | Limit  |
|                      | Factor      | Level            | Level            |           |        |
| MHz                  | dB          | dBµV             | $dB\mu V/m$      | dB        | dBµV/m |
| Horizontal           |             |                  |                  |           |        |
| <b>Peak Detector</b> |             |                  |                  |           |        |
| 222.060              | -10.439     | 45.017           | 34.578           | -11.422   | 46.000 |
| 505.300              | 0.308       | 31.268           | 31.576           | -14.424   | 46.000 |
| 664.380              | 2.062       | 29.952           | 32.014           | -13.986   | 46.000 |
| 747.800              | 3.296       | 29.620           | 32.916           | -13.084   | 46.000 |
| 858.380              | 5.972       | 31.844           | 37.816           | -8.184    | 46.000 |
| 961.200              | 6.450       | 43.202           | 49.652           | -4.348    | 54.000 |
|                      |             |                  |                  |           |        |
| Vertical             |             |                  |                  |           |        |
| <b>Peak Detector</b> |             |                  |                  |           |        |
| 101.780              | -0.021      | 34.656           | 34.634           | -8.866    | 43.500 |
| 171.620              | -8.752      | 41.884           | 33.132           | -10.368   | 43.500 |
| 229.820              | -8.512      | 44.640           | 36.128           | -9.872    | 46.000 |
| 363.680              | -2.393      | 37.978           | 35.585           | -10.415   | 46.000 |
| 480.080              | -4.359      | 32.641           | 28.282           | -17.718   | 46.000 |
| 961.200              | 7.260       | 33.483           | 40.743           | -13.257   | 54.000 |
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- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

| Product       | : TABLET PC |                  |                   |          |        |
|---------------|-------------|------------------|-------------------|----------|--------|
| Test Item     | : General   | Radiated Emissio | n                 |          |        |
| Test Site     | : No.3 OA   | ATS              |                   |          |        |
| Test Mode     | : Mode 5    | Transmit (802.11 | ac-40BW-15Mbps) ( | 5710MHz) |        |
| Frequency     | Correct     | Reading          | Measurement       | Margin   | Limit  |
|               | Factor      | Level            | Level             |          |        |
| MHz           | dB          | dBµV             | $dB\mu V/m$       | dB       | dBµV/m |
| Horizontal    |             |                  |                   |          |        |
| Peak Detector |             |                  |                   |          |        |
| 152.220       | -10.135     | 41.859           | 31.724            | -11.776  | 43.500 |
| 402.480       | -2.263      | 33.788           | 31.525            | -14.475  | 46.000 |
| 513.060       | 1.550       | 30.172           | 31.722            | -14.278  | 46.000 |
| 625.580       | 1.770       | 28.788           | 30.558            | -15.442  | 46.000 |
| 697.360       | 3.171       | 27.379           | 30.550            | -15.450  | 46.000 |
| 961.200       | 6.450       | 43.013           | 49.463            | -4.537   | 54.000 |
|               |             |                  |                   |          |        |
| Vertical      |             |                  |                   |          |        |
| Peak Detector |             |                  |                   |          |        |
| 134.760       | -4.648      | 37.232           | 32.584            | -10.916  | 43.500 |
| 355.920       | -3.488      | 38.783           | 35.295            | -10.705  | 46.000 |
| 480.080       | -4.359      | 36.246           | 31.887            | -14.113  | 46.000 |
| 600.360       | -2.833      | 29.121           | 26.288            | -19.712  | 46.000 |
| 747.800       | 2.166       | 29.746           | 31.912            | -14.088  | 46.000 |
| 961.200       | 7.260       | 36.865           | 44.125            | -9.875   | 54.000 |

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product              | : TABLET PC |                  |                   |          |        |
|----------------------|-------------|------------------|-------------------|----------|--------|
| Test Item            | : General   | Radiated Emissic | on                |          |        |
| Test Site            | : No.3 OA   | ATS              |                   |          |        |
| Test Mode            | : Mode 6:   | Transmit (802.11 | ac-80BW-65Mbps) ( | 5210MHz) |        |
|                      |             |                  |                   |          |        |
| Frequency            | Correct     | Reading          | Measurement       | Margin   | Limit  |
|                      | Factor      | Level            | Level             |          |        |
| MHz                  | dB          | dBµV             | $dB\mu V/m$       | dB       | dBµV/m |
| Horizontal           |             |                  |                   |          |        |
| <b>Peak Detector</b> |             |                  |                   |          |        |
| 148.340              | -10.254     | 41.038           | 30.784            | -12.716  | 43.500 |
| 408.300              | -2.866      | 38.357           | 35.491            | -10.509  | 46.000 |
| 474.260              | 0.024       | 36.979           | 37.002            | -8.998   | 46.000 |
| 600.360              | 3.977       | 34.330           | 38.307            | -7.693   | 46.000 |
| 720.640              | 3.511       | 32.508           | 36.019            | -9.981   | 46.000 |
| 961.200              | 6.450       | 43.038           | 49.488            | -4.512   | 54.000 |
|                      |             |                  |                   |          |        |
| Vertical             |             |                  |                   |          |        |
| <b>Peak Detector</b> |             |                  |                   |          |        |
| 111.480              | -0.954      | 37.405           | 36.451            | -7.049   | 43.500 |
| 235.640              | -9.330      | 48.536           | 39.206            | -6.794   | 46.000 |
| 390.840              | -3.099      | 35.414           | 32.315            | -13.685  | 46.000 |
| 480.080              | -4.359      | 40.738           | 36.379            | -9.621   | 46.000 |
| 666.320              | -1.809      | 32.539           | 30.731            | -15.269  | 46.000 |
| 961.200              | 7.260       | 36.131           | 43.391            | -10.609  | 54.000 |
| T (                  |             |                  |                   |          |        |

Note:

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product              | : TABLET PC                 |                  |                    |          |             |  |  |
|----------------------|-----------------------------|------------------|--------------------|----------|-------------|--|--|
| Test Item            | : General Radiated Emission |                  |                    |          |             |  |  |
| Test Site            | : No.3 OATS                 |                  |                    |          |             |  |  |
| Test Mode            | : Mode 6:                   | Transmit (802.11 | ac-80BW-65Mbps) (3 | 5290MHz) |             |  |  |
|                      |                             |                  |                    |          |             |  |  |
| Frequency            | Correct                     | Reading          | Measurement        | Margin   | Limit       |  |  |
|                      | Factor                      | Level            | Level              |          |             |  |  |
| MHz                  | dB                          | dBµV             | $dB\mu V/m$        | dB       | $dB\mu V/m$ |  |  |
| Horizontal           |                             |                  |                    |          |             |  |  |
| <b>Peak Detector</b> |                             |                  |                    |          |             |  |  |
| 159.980              | -11.775                     | 43.334           | 31.559             | -11.941  | 43.500      |  |  |
| 355.920              | -2.528                      | 40.571           | 38.043             | -7.957   | 46.000      |  |  |
| 460.680              | 1.589                       | 34.277           | 35.866             | -10.134  | 46.000      |  |  |
| 600.360              | 3.977                       | 35.394           | 39.371             | -6.629   | 46.000      |  |  |
| 720.640              | 3.511                       | 31.599           | 35.110             | -10.890  | 46.000      |  |  |
| 825.400              | 6.250                       | 24.043           | 30.293             | -15.707  | 46.000      |  |  |
|                      |                             |                  |                    |          |             |  |  |
| Vertical             |                             |                  |                    |          |             |  |  |
| <b>Peak Detector</b> |                             |                  |                    |          |             |  |  |
| 159.980              | -6.185                      | 41.531           | 35.346             | -8.154   | 43.500      |  |  |
| 288.020              | -8.189                      | 43.397           | 35.208             | -10.792  | 46.000      |  |  |
| 365.620              | -2.179                      | 40.213           | 38.034             | -7.966   | 46.000      |  |  |
| 480.080              | -4.359                      | 36.693           | 32.334             | -13.666  | 46.000      |  |  |
| 681.840              | 1.484                       | 28.552           | 30.036             | -15.964  | 46.000      |  |  |
| 961.200              | 7.260                       | 36.174           | 43.434             | -10.566  | 54.000      |  |  |

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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| Product              | : TABLET PC                 |                  |                    |          |        |  |  |  |
|----------------------|-----------------------------|------------------|--------------------|----------|--------|--|--|--|
| Test Item            | : General Radiated Emission |                  |                    |          |        |  |  |  |
| Test Site            | : No.3 OAT                  | : No.3 OATS      |                    |          |        |  |  |  |
| Test Mode            | : Mode 6: 7                 | Transmit (802.11 | ac-80BW-65Mbps) (3 | 5690MHz) |        |  |  |  |
| Frequency            | Correct                     | Reading          | Measurement        | Margin   | Limit  |  |  |  |
| 1 5                  | Factor                      | Level            | Level              | e        |        |  |  |  |
| MHz                  | dB                          | dBµV             | $dB\mu V/m$        | dB       | dBµV/m |  |  |  |
| Horizontal           |                             |                  |                    |          |        |  |  |  |
| <b>Peak Detector</b> |                             |                  |                    |          |        |  |  |  |
| 235.640              | -8.540                      | 46.898           | 38.358             | -7.642   | 46.000 |  |  |  |
| 348.160              | -2.268                      | 38.870           | 36.602             | -9.398   | 46.000 |  |  |  |
| 480.080              | -0.329                      | 39.590           | 39.261             | -6.739   | 46.000 |  |  |  |
| 600.360              | 3.977                       | 32.830           | 36.807             | -9.193   | 46.000 |  |  |  |
| 747.800              | 3.296                       | 33.520           | 36.816             | -9.184   | 46.000 |  |  |  |
| 959.260              | 6.294                       | 30.739           | 37.033             | -8.967   | 46.000 |  |  |  |
|                      |                             |                  |                    |          |        |  |  |  |
| Vertical             |                             |                  |                    |          |        |  |  |  |
| Peak Detector        |                             |                  |                    |          |        |  |  |  |
| 123.120              | -3.921                      | 39.197           | 35.276             | -8.224   | 43.500 |  |  |  |
| 260.860              | -7.462                      | 46.686           | 39.224             | -6.776   | 46.000 |  |  |  |
| 311.300              | -6.856                      | 42.177           | 35.321             | -10.679  | 46.000 |  |  |  |
| 406.360              | -6.660                      | 32.604           | 25.944             | -20.056  | 46.000 |  |  |  |
| 507.240              | -0.471                      | 31.801           | 31.330             | -14.670  | 46.000 |  |  |  |
| 747.800              | 2.166                       | 32.868           | 35.034             | -10.966  | 46.000 |  |  |  |
|                      |                             |                  |                    |          |        |  |  |  |

Note:

- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

## 7. Band Edge

### 7.1. Test Equipment

### **RF** Conducted Measurement

The following test equipments are used during the band edge tests:

|   | Equipment         | Manufacturer | Model No./Serial No. | Last Cal.  |
|---|-------------------|--------------|----------------------|------------|
|   | Spectrum Analyzer | R&S          | FSP40 / 100170       | Jun, 2014  |
|   | Spectrum Analyzer | Agilent      | E4407B / US39440758  | Jun, 2014  |
| Х | Spectrum Analyzer | Agilent      | N9010A / MY48030495  | Apr., 2014 |

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

### **RF Radiated Measurement:**

The following test equipments are used during the band edge tests:

| Test Site |   | Equipment         | Manufacturer    | Model No./Serial No.        | Last Cal.  |
|-----------|---|-------------------|-----------------|-----------------------------|------------|
| Site # 3  |   | Bilog Antenna     | Schaffner Chase | CBL6112B/2673               | Sep., 2014 |
|           | Х | Horn Antenna      | Schwarzbeck     | BBHA9120D/D305              | Sep., 2014 |
|           |   | Horn Antenna      | Schwarzbeck     | BBHA9170/208                | Jul., 2014 |
|           |   | Pre-Amplifier     | QTK             | QTK-AMP-03 / 0003           | May, 2014  |
|           | Х | Pre-Amplifier     | QTK             | AP-180C / CHM_0906076       | Sep., 2014 |
|           |   | Pre-Amplifier     | MITEQ           | AMF-4D-180400-45-6P/ 925975 | Mar., 2014 |
|           | Х | Spectrum Analyzer | Agilent         | E4407B / US39440758         | May, 2014  |
|           |   | Test Receiver     | R & S           | ESCS 30/ 825442/018         | Sep., 2014 |
|           | Х | Coaxial Cable     | QuieTek         | QTK-CABLE/ CAB5             | Feb., 2014 |
|           | Х | Controller        | QuieTek         | QTK-CONTROLLER/ CTRL3       | N/A        |
|           | Х | Coaxial Switch    | Anritsu         | MP59B/6200265729            | N/A        |

Note: 1. All instruments are calibrated every one year.

2. The test instruments marked by "X" are used to measure the final test results.

## 7.2. Test Setup

### **RF Conducted Measurement:**



### **RF Radiated Measurement:**



# 7.3. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| FCC Part 15 Subpart C Paragraph 15.209 Limits |          |           |  |  |  |  |  |
|---|----------|-----------|--|--|--|--|--|
| Frequency<br>MHz                              | uV/m @3m | dBµV/m@3m |  |  |  |  |  |
| 30-88   | 100      | 40        |  |  |  |  |  |
| 88-216  | 150      | 43.5      |  |  |  |  |  |
| 216-960                                       | 200      | 46        |  |  |  |  |  |
| Above 960                                     | 500      | 54        |  |  |  |  |  |

Remarks : 1. RF Voltage  $(dB\mu V) = 20 \log RF$  Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

## 7.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2014 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz. The EUT was setup to ANSI C63.10, 2014; tested to DTS test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

# 7.5. Uncertainty

- $\pm$  3.8 dB below 1GHz
- ± 3.9 dB above 1GHz

## 7.6. Test Result of Band Edge

| Product   | : | TABLET PC                                   |
|-----------|---|---|
| Test Item | : | Band Edge Data                              |
| Test Site | : | No.3 OATS                                   |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps)-Channel 36 |

#### **RF Radiated Measurement (Horizontal):**

| Channel Ma   | Frequency | Correct Factor | Reading Level | <b>Emission Level</b> | Peak Limit | Average Limit | Degult |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$         | (dBµV/m)   | $(dB\mu V/m)$ | Result |
| 36 (Peak)    | 5148.800  | 3.345          | 53.974        | 57.319                | 74.00      | 54.00         | Pass   |
| 36 (Peak)    | 5150.000  | 3.340          | 52.114        | 55.454                | 74.00      | 54.00         | Pass   |
| 36 (Peak)    | 5185.600  | 3.215          | 100.013       | 103.227               |            |               |        |
| 36 (Average) | 5150.000  | 3.340          | 34.141        | 37.481                | 74.00      | 54.00         | Pass   |
| 36 (Average) | 5186.600  | 3.211          | 90.973        | 94.184                |            |               |        |



#### **Figure Channel 36:**

Horizontal (Average)



Note:1. All readings above 1GHz are performed with peak and/or average measurements as necessary.

- 2. Peak measurements: RBW = 1MHz, VBW = 3MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                   |
|-----------|---|---|
| Test Item | : | Band Edge Data                              |
| Test Site | : | No.3 OATS                                   |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps)-Channel 36 |

### **RF Radiated Measurement (Vertical):**

| Channal Ma   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 36 (Peak)    | 5148.800  | 5.257          | 50.875        | 56.132         | 74.00         | 54.00         | Pass   |
| 36 (Peak)    | 5150.000  | 5.260          | 49.412        | 54.672         | 74.00         | 54.00         | Pass   |
| 36 (Peak)    | 5185.600  | 5.358          | 95.194        | 100.551        |               |               |        |
| 36 (Average) | 5150.000  | 5.260          | 32.524        | 37.784         | 74.00         | 54.00         | Pass   |
| 36 (Average) | 5186.400  | 5.359          | 86.146        | 91.505         |               |               |        |

#### Figure Channel 36:

#### Vertical (Peak)





#### Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                    |
|-----------|---|--|
| Test Item | : | Band Edge Data                               |
| Test Site | : | No.3 OATS                                    |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 64 |

### **RF Radiated Measurement (Horizontal):**

| Channel Ma   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Degult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 64 (Peak)    | 5325.400  | 3.795          | 96.804        | 100.599        |               |               |        |
| 64 (Peak)    | 5350.000  | 3.716          | 46.836        | 50.553         | 74.00         | 54.00         | Pass   |
| 64 (Peak)    | 5352.800  | 3.707          | 48.202        | 51.909         | 74.00         | 54.00         | Pass   |
| 64 (Average) | 5326.400  | 3.792          | 87.835        | 91.627         |               |               |        |
| 64 (Average) | 5350.000  | 3.716          | 32.873        | 36.590         | 74.00         | 54.00         | Pass   |





Horizontal (Average)



- All readings above 1GHz are performed with peak and/or average measurements as necessary. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto. 1
- 2. 3.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. "\*" means this data is the worst emission level
- 4. ', means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                    |
|-----------|---|--|
| Test Item | : | Band Edge Data                               |
| Test Site | : | No.3 OATS                                    |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 64 |

### **RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Pogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 64 (Peak)    | 5313.600  | 5.738          | 90.800        | 96.537         |               |               | -      |
| 64 (Peak)    | 5350.000  | 5.691          | 43.759        | 49.451         | 74.00         | 54.00         | Pass   |
| 64 (Peak)    | 5352.800  | 5.688          | 44.613        | 50.301         | 74.00         | 54.00         | Pass   |
| 64 (Average) | 5326.400  | 5.721          | 80.816        | 86.537         |               |               |        |
| 64 (Average) | 5350.000  | 5.691          | 30.494        | 36.186         | 74.00         | 54.00         | Pass   |

#### Figure Channel 64:

Vertical (Peak)





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                     |
|-----------|---|---|
| Test Item | : | Band Edge Data                                |
| Test Site | : | No.3 OATS                                     |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 100 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Degult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 100 (Peak)    | 5457.000  | 4.314          | 44.077        | 48.391         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5460.000  | 4.354          | 42.784        | 47.138         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5494.000  | 4.773          | 98.360        | 103.133        |               |               |        |
| 100 (Average) | 5460.000  | 4.354          | 30.622        | 34.976         | 74.00         | 54.00         | Pass   |
| 100 (Average) | 5495.200  | 4.781          | 89.212        | 93.993         |               |               |        |

**Figure Channel 100:** 

Horizontal (Peak)





**Horizontal** (Average)



- All readings above 1GHz are performed with peak and/or average measurements as necessary. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. 1.
- 2.
- 3.
- "\*", means this data is the worst emission level. 4.
- Measurement Level = Reading Level + Correct Factor. 5.
- The average measurement was not performed when the peak measured data under the limit of average 6. detection.

| Product   | : | TABLET PC                                     |
|-----------|---|---|
| Test Item | : | Band Edge Data                                |
| Test Site | : | No.3 OATS                                     |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 100 |

### **RF Radiated Measurement (Vertical):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Dogult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | (dBµV/m)       | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 100 (Peak)    | 5459.000  | 6.033          | 41.760        | 47.794         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5460.000  | 6.041          | 40.887        | 46.928         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5505.600  | 6.286          | 91.957        | 98.243         |               |               |        |
| 100 (Average) | 5460.000  | 6.041          | 29.556        | 35.597         | 74.00         | 54.00         | Pass   |
| 100 (Average) | 5506.600  | 6.280          | 82.985        | 89.265         |               |               |        |

### Figure Channel 100:

Vertical (Peak)





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC                                     |
|-----------|---|---|
| Test Item | : | Band Edge Data                                |
| Test Site | : | No.3 OATS                                     |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 100 |

### **RF Radiated Measurement:**

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5470.000           | 18.334                 | -76.242                | -57.908                  | -30.908        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5470.000           | 19.335                 | -57.390                | -38.055                  | -11.055        | -27.000          | Pass   |

| Product   | : | TABLET PC                                     |
|-----------|---|---|
| Test Item | : | Band Edge Data                                |
| Test Site | : | No.3 OATS                                     |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) -Channel 140 |
|           |   |   |

# **RF Radiated Measurement:**

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5725.000           | 18.649                 | -77.257                | -58.608                  | -31.608        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5725.000           | 19.372                 | -70.516                | -51.144                  | -24.144        | -27.000          | Pass   |

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 36 |

### **RF Radiated Measurement (Horizontal):**

| Channal Na   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 36 (Peak)    | 5150.000  | 3.340          | 57.833        | 61.173         | 74.00         | 54.00         | Pass   |
| 36 (Peak)    | 5187.200  | 3.208          | 101.070       | 104.279        |               |               |        |
| 36 (Average) | 5150.000  | 3.340          | 35.608        | 38.948         | 74.00         | 54.00         | Pass   |
| 36 (Average) | 5186.800  | 3.210          | 90.857        | 94.067         |               |               |        |

#### Figure Channel 36:

#### Horizontal (Peak)





- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 36 |

### **RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 36 (Peak)    | 5148.200  | 5.255          | 53.405        | 58.660         | 74.00         | 54.00         | Pass   |
| 36 (Peak)    | 5150.000  | 5.260          | 52.373        | 57.633         | 74.00         | 54.00         | Pass   |
| 36 (Peak)    | 5187.200  | 5.361          | 95.812        | 101.174        |               |               |        |
| 36 (Average) | 5150.000  | 5.260          | 33.263        | 38.523         | 74.00         | 54.00         | Pass   |
| 36 (Average) | 5187.000  | 5.361          | 85.802        | 91.163         |               |               |        |

#### Figure Channel 36:

### Vertical (Peak)





#### Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 64 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 64 (Peak)    | 5316.800  | 3.823          | 100.375       | 104.197        |               |               |        |
| 64 (Peak)    | 5350.000  | 3.716          | 53.621        | 57.338         | 74.00         | 54.00         | Pass   |
| 64 (Peak)    | 5353.800  | 3.704          | 56.624        | 60.328         | 74.00         | 54.00         | Pass   |
| 64 (Average) | 5314.400  | 3.831          | 89.831        | 93.661         |               |               |        |
| 64 (Average) | 5350.000  | 3.716          | 35.776        | 39.493         | 74.00         | 54.00         | Pass   |

#### Figure Channel 64:

#### Horizontal (Peak)





#### Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 64 |

### **RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor | Reading Level | Emission Level | Peak Limit | Arerage Limit | Result |
|--------------|-----------------|----------------|---------------|----------------|------------|---------------|--------|
|              | (WIIIZ)         | (uD)           | (uDµ v)       | (uDµ v/m)      | (uDµ v/m)  | (uDµ v/m)     |        |
| 64 (Peak)    | 5314.600        | 5.737          | 93.211        | 98.947         |            |               |        |
| 64 (Peak)    | 5350.000        | 5.691          | 48.360        | 54.052         | 74.00      | 54.00         | Pass   |
| 64 (Peak)    | 5353.600        | 5.687          | 50.978        | 56.665         | 74.00      | 54.00         | Pass   |
| 64 (Average) | 5314.200        | 5.737          | 82.500        | 88.237         |            |               |        |
| 64 (Average) | 5350.000        | 5.691          | 31.727        | 37.419         | 74.00      | 54.00         | Pass   |

Figure Channel 64:

Vertical (Peak)





- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data  |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 100 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Degult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 100 (Peak)    | 5453.400  | 4.266          | 45.142        | 49.408         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5460.000  | 4.354          | 43.401        | 47.755         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5497.000  | 4.794          | 99.890        | 104.684        |               |               |        |
| 100 (Average) | 5460.000  | 4.354          | 30.820        | 35.174         | 74.00         | 54.00         | Pass   |
| 100 (Average) | 5494.600  | 4.777          | 89.373        | 94.150         |               |               |        |

Figure Channel 100:

Horizontal (Peak)





Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data  |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 100 |

### **RF Radiated Measurement (Vertical):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Dogult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 100 (Peak)    | 5460.000  | 6.041          | 40.920        | 46.961         | 74.00         | 54.00         | Pass   |
| 100 (Peak)    | 5507.400  | 6.275          | 93.572        | 99.847         |               |               |        |
| 100 (Average) | 5460.000  | 6.041          | 29.612        | 35.653         | 74.00         | 54.00         | Pass   |
| 100 (Average) | 5505.600  | 6.286          | 83.003        | 89.289         |               |               |        |

### Figure Channel 100:

### Vertical (Peak)



### Figure Channel 100:

### Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data  |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 100 |
|           |   |   |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5725.000           | 19.372                 | -70.516                | -51.144                  | -24.144        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5470.000           | 19.335                 | -68.640                | -49.305                  | -22.305        | -27.000          | Pass   |

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data  |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) -Channel 140 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5725.000           | 18.649                 | -77.832                | -59.183                  | -32.183        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5725.000           | 19.372                 | -72.304                | -52.932                  | -25.932        | -27.000          | Pass   |

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                     |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 38 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Degult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 38 (Peak)    | 5150.000  | 3.340          | 63.337        | 66.677         | 74.00         | 54.00         | Pass   |
| 38 (Peak)    | 5188.000  | 3.205          | 97.453        | 100.659        |               |               |        |
| 38 (Average) | 5150.000  | 3.340          | 42.279        | 45.619         | 74.00         | 54.00         | Pass   |
| 38 (Average) | 5192.000  | 3.188          | 86.699        | 89.887         |               |               |        |

#### Figure Channel 38:

#### Horizontal (Peak)





#### Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                     |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 38 |

### **RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 38 (Peak)    | 5150.000  | 5.260          | 58.777        | 64.037         | 74.00         | 54.00         | Pass   |
| 38 (Peak)    | 5187.800  | 5.363          | 92.482        | 97.845         |               |               | -      |
| 38 (Average) | 5150.000  | 5.260          | 39.559        | 44.819         | 74.00         | 54.00         | Pass   |
| 38 (Average) | 5192.000  | 5.371          | 81.904        | 87.274         |               |               |        |

### Figure Channel 38:

#### Vertical (Peak)





### Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                     |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 62 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 62 (Peak)    | 5307.800  | 3.852          | 96.537        | 100.389        |               |               |        |
| 62 (Peak)    | 5350.000  | 3.716          | 57.469        | 61.186         | 74.00         | 54.00         | Pass   |
| 62 (Peak)    | 5355.600  | 3.699          | 59.544        | 63.242         | 74.00         | 54.00         | Pass   |
| 62 (Average) | 5324.600  | 3.798          | 85.686        | 89.484         |               |               |        |
| 62 (Average) | 5350.000  | 3.716          | 39.593        | 43.310         | 74.00         | 54.00         | Pass   |

### Figure Channel 62:

#### Horizontal (Peak)





- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                     |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 62 |

### **RF Radiated Measurement (Vertical):**

| Channal Ma   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Kesult |
| 62 (Peak)    | 5307.800  | 5.745          | 89.332        | 95.077         |               |               |        |
| 62 (Peak)    | 5350.000  | 5.691          | 49.680        | 55.372         | 74.00         | 54.00         | Pass   |
| 62 (Peak)    | 5355.200  | 5.685          | 52.421        | 58.105         | 74.00         | 54.00         | Pass   |
| 62 (Average) | 5308.200  | 5.744          | 78.844        | 84.588         |               |               |        |
| 62 (Average) | 5350.000  | 5.691          | 34.938        | 40.630         | 74.00         | 54.00         | Pass   |

#### Figure Channel 62:

#### Vertical (Peak)





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Pogult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 102 (Peak)    | 5460.000  | 4.354          | 52.398        | 56.752         | 74.00         | 54.00         | Pass   |
| 102 (Peak)    | 5508.000  | 4.824          | 94.306        | 99.131         |               |               |        |
| 102 (Average) | 5460.000  | 4.354          | 35.158        | 39.512         | 74.00         | 54.00         | Pass   |
| 102 (Average) | 5494.800  | 4.779          | 84.408        | 89.187         |               |               |        |

### Figure Channel 102:

#### Horizontal (Peak)





- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102 |

### **RF Radiated Measurement (Vertical):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Arerage Limit | Pogult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 102 (Peak)    | 5460.000  | 6.041          | 46.384        | 52.425         | 74.00         | 54.00         | Pass   |
| 102 (Peak)    | 5507.800  | 6.272          | 88.847        | 95.119         |               |               |        |
| 102 (Average) | 5460.000  | 6.041          | 31.398        | 37.439         | 74.00         | 54.00         | Pass   |
| 102 (Average) | 5508.400  | 6.268          | 78.306        | 84.574         |               |               |        |

### Figure Channel 102:

#### Vertical (Peak)





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102 |
|           |   |   |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5470.000           | 18.275                 | -79.757                | -61.482                  | -34.482        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5470.000           | 19.288                 | -57.554                | -38.266                  | -11.266        | -27.000          | Pass   |

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 134 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5725.000           | 18.649                 | -78.033                | -59.384                  | -32.384        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5725.000           | 19.372                 | -74.177                | -54.805                  | -27.805        | -27.000          | Pass   |

| Product   | : | TABLET PC                        |
|-----------|---|----------------------------------|
| Test Item | : | Band Edge Data                   |
| Test Site | : | No.3 OATS                        |
| Test Mode | : | Mode 1: Transmit (802.11a-6Mbps) |

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5580           | 5591.75                     | <5600 | PASS   |
| 5660           | 5650.05                     | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

|                                    |                       |  | 0010111  |                           |                     |                       |                              |
|------------------------------------|-----------------------|--|----------|---------------------------|---------------------|-----------------------|------------------------------|
| Aglient Spectrum Analyz            | zer - Swept SA        |  |          |                           |                     |                       |                              |
| Center Freg 5.                     | 50 Ω AC               | SENSE:                                       | NT Avg T | ALIGNAUTO<br>/pe: Log-Pwr | 03:24:54 Al         | MNuv 07, 2014         | Frequency                    |
|                                    | II Gain:Los           | Trig: Free Ru<br>#Atten: 30 dB               | n        |                           | DF                  |                       |                              |
| 10 dB/div Ref 2                    | 0 00 dBm              |  |          | Mkr                       | 2 5.591             | 75 GHz<br>36 dBm      | Auto Tune                    |
| Log                                |                       |  | <u>1</u> |                           |                     |                       |                              |
| 0.00                               |                       | ment and | monthing |                           |                     |                       | 5 58000000 GH                |
| -10.0                              |                       |  | )        | <b>→</b> <sup>2</sup>     |                     | -14 74 (Ph)           |                              |
| -20.0<br>-30.0<br>40.0             | and the second second |  |          |                           | n agele proponentes | n.Valdhannaa          | Start Free<br>5.555000000 GH |
| 50.0                               |                       |  |          |                           |                     |                       | Stop Fre                     |
| -70.0                              |                       |  |          | _                         |                     |                       | 5.60500000 GH                |
| Center 5.58000 (<br>#Res BW 300 kH | GHz<br>Iz #V          | 'BW 1.0 MHz                                  |          | #Sweep                    | Span 5<br>500 ms (1 | 0.00 MHz<br>1001 pts) | CF Ster<br>5.000000 MH       |
|                                    | X<br>5 505 75 CU-     | 5 76 dBm                                     | FUNCTION | FUNCTION WIDTH            | FUNCTIO             | N VALLE               | <u>Auto</u> Ma               |
|                                    | 5.591 75 GHz          | -14.86 dBm                                   |          |                           |                     |                       |                              |
| 4                                  |                       |  |          |                           |                     |                       | Freq Offse                   |
| 6                                  |                       |  |          |                           |                     |                       |                              |
| 8                                  |                       |  |          |                           |                     |                       |                              |
| 10                                 |                       |  |          |                           |                     |                       |                              |
| 12                                 |                       |  |          |                           |                     |                       |                              |
| MSG                                |                       |  |          | 🕼 status                  |                     |                       |                              |

#### 5580MHz

| Agilent Spectrum Analyzer - Swept SA   |   |
|--|---|
| M2 RF SD 0 ALIGNAL SENSE: UNT ALIGNAL   Center Freq 5.6600000000 GHz Tris: Free Ryn Avg Type: Log-P                    | 03:28:05 AMNuv 07, 2014<br>wr TRACE 1/2 3 4 5 6<br>TYPL MWWWWWW |
| II Gain:Low #Atten: 30 dB  | kr2 5.650 05 GHz Auto Tune                                      |
| 10 dB/div Ref 20.00 dBm  | -18.85 dBm  |
| 100  | Center Freq   |
| 10.0   | 5.66000000 GHz  |
| 20.0   | -10:32 dDm Start Freq   |
| 300<br>400 manuta and a start and a start a st | 5.635000000 GHz   |
| 50.0   | Ctop Eron   |
| -/UU   | 5.685000000 GHz   |
| Center 5.66000 GHz   | Span 50.00 MHz  |
| #Res BW 300 kHz #VBW 1.0 MHz #Swe  | ep 500 ms (1001 pts) CF Step<br>5.000000 MHz                    |
| MORE Model Test Sci X Y Environmentation Finistion   1 N 1 f 5.663 55 GHz 1.68 dBm                                     | DTH FUNCTION VALUE Auto Man                                     |
| 3<br>4   | Freq Offset   |
| 5  | 0 Hz  |
| - <u>/</u><br>8<br>9   |   |
|  |   |
| MSG Contraction Contraction  | ATUS  |

| Product   | : | TABLET PC                                |
|-----------|---|--|
| Test Item | : | Band Edge Data                           |
| Test Site | : | No.3 OATS                                |
| Test Mode | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps) |
|           |   |  |

## Chain A

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5580           | 5590.75                     | <5600 | PASS   |
| 5660           | 5650.40                     | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement. 5580MHz

| Aglient Spectrum Analyzer - Sw        | ept SA   |               |              |                        |                            |                     |                               |
|---------------------------------------|--|---------------|--------------|------------------------|----------------------------|---------------------|-------------------------------|
| Center Freq 5.5800                    | AC 00000 GHz   |               | INT Avg Type | ALIGNAUTO<br>: Log-Pwr | 04:12:32 AMNuv 0           | 07, 2014<br>3 4 5 0 | Frequency                     |
| [                                     | ll Galn:Low  | #Atten: 30 dE | 3            | Mkr2                   | 5.590 75 C                 | GHz                 | Auto Tune                     |
| 10 dB/div Ref 20.00 d                 | dBm  |               |              |                        | -20.78 d                   | IBm                 |                               |
| 10.0<br>0.00                          |  |               |              |                        |                            |                     | Center Freq<br>6.68000000 GHz |
| -10.0                                 |  | + +           |              | <b>▲</b> <sup>2</sup>  | -19                        | 16 dDm              |                               |
| -20.0<br>-30.0<br>40.0                | - Alexandream Contraction of the |               |              | and some of            | har and the second second  | han.                | Start Freq<br>5.555000000 GHz |
| 50.0                                  |  |               |              |                        |                            |                     | Stop Freg                     |
| -70.0                                 |  |               |              |                        |                            |                     | 5.605000000 GHz               |
| Center 5.58000 GHz<br>#Res BW 300 kHz | #VE  | 3W 1.0 MHz    | :            | #Sweep 5               | Span 50.00<br>500 ms (1001 | MHz<br>pts)         | CF Step<br>5.000000 MHz       |
| MKR MIDE TRO SCI<br>1 N 1 F           | ×<br>5.577 20 GHz  | 0.84 dBm      | FUNCTION FOR | NOTION WIDTH           | FUNCTION VALU              |                     | <u>luto</u> Man               |
| 2 N 1 f<br>3<br>4                     | 6.690 76 GHz   | -20.78 dBm    |              |                        |                            |                     | Freq Offset                   |
| 6                                     |  |               |              |                        |                            | -+                  | 0112                          |
| 9                                     |  |               |              |                        |                            |                     |                               |
| 11                                    |  |               |              |                        |                            |                     |                               |
| MSG                                   |  |               |              | 18 STATUS              |                            |                     | 1                             |

| Agilent S  | pectrum      | Analy | /201 - Sv | vept SA | 4       |          |                |            | NSEINT | 1    |       | A      | IGNALITO        | 05-54-5       | R AMNew (17      | 2 2014    |                 |
|------------|--------------|-------|-----------|---------|---------|----------|----------------|------------|--------|------|-------|--------|-----------------|---------------|------------------|-----------|-----------------|
| Cente      | r Fre        | q 5   | .5800     | 0000    | 00 G    | Hz       |                | ria: Free  | Run    |      | Avg T | ype: l | log-Pwr         | T             | RACE 1 2 3       | 456       | Frequency       |
|            |              |       |           |         | 10      | Gain:Lov | <del>،</del> ۲ | Atten: 3   | ) dB   |      |       |        |                 |               | UEI P N N        | NNN       | Auto Tune       |
| 10 dB/d    | div F        | Ref   | 20.00     | dBm     | 1       |          |                |            |        |      |       |        | Mkr             | 2 5.59<br>-18 | 0 15 G<br>3.91 d | iHz<br>Bm | Auto Func       |
| 10.0       |              |       |           |         |         |          |                | ~ <b>1</b> |        |      |       |        |                 |               |                  |           | Center Fred     |
| 0.00       |              | +     |           | +       |         |          |                |            |        |      |       | +      |                 |               |                  | _         | 5.58000000 GHz  |
| -10.0      |              | +     |           | +       |         | $V^{-}$  | -              |            | -      | -    |       | V      | 2               |               | -18              | IS dBm    |                 |
| -20.0      |              |       |           |         | No.     |          |                |            |        |      |       |        | - de la martina | and an        |                  |           | Start Freq      |
| 40.0       | And a second |       |           |         |         |          |                |            |        |      |       |        |                 |               | eran alper       | where     | 6.666000000 GHz |
| 50.0       |              | +     |           | -       |         | -        | _              |            |        |      |       | _      |                 |               | _                | 4         |                 |
| -60.0      |              | +     |           | +       |         | -        | -              |            | -      | _    |       | +      |                 |               |                  | -         | Stop Freq       |
| -/0.0      |              |       |           |         |         |          |                |            |        |      |       |        |                 |               |                  |           | 5.605000000 GHz |
| Cente      | r 5.58       | 000   | GHz       |         |         | #1       | BW 1           | 0 MU-7     |        |      |       | #      | Gween           | Span<br>500 m | 50.00            | MHz       | CF Step         |
| MILLER NO. |              |       | 12        |         | ~       | #4       | BVV 1.         | V 101112   |        | FUNC | TION  |        | namor           | SOO IIIS      |                  | pr3)      | 5.000000 MHz    |
| 1 N        | 1            | f     |           | -       | 5.576 5 | 0 GHz    |                | 1.86 d     | Brn    |      |       |        |                 |               |                  |           |                 |
| 3          | ++           | 4     |           |         |         | 0 ONZ    |                | 10.21 4    |        |      |       |        |                 |               |                  | =         | Freq Offset     |
| 5          | ++           | +     |           |         |         |          |                |            | _      |      |       |        |                 |               |                  | _         | 0 Hz            |
| 7          | +            | +     |           |         |         | _        |                |            | -      |      |       |        |                 |               |                  |           |                 |
| 9<br>10    |              |       |           |         |         |          |                |            |        |      |       |        |                 |               |                  |           |                 |
| 11<br>12   |              |       |           |         |         |          |                |            |        |      |       |        |                 |               |                  |           |                 |
| MSG        |              |       |           |         |         |          |                |            |        |      |       |        | To STATU        | 5             |                  |           |                 |

| Product                | : | TABLET PC   |     |
|------------------------|---|---|-----|
| Test Item              | : | Band Edge Data                                      |     |
| Test Site              | : | No.3 OATS   |     |
| Test Mode              | : | Mode 2: Transmit (802.11n-20BW 14.4Mbps)            |     |
| Test Site<br>Test Mode | : | No.3 OATS<br>Mode 2: Transmit (802.11n-20BW 14.4Mb) | ps) |

### Chain B

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5580           | 5590.15                     | <5600 | PASS   |
| 5660           | 5650.90                     | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

| _          |        |         |              |                 |          |               |       |           |        |                        |                    |   |                 |
|------------|--------|---------|--------------|-----------------|----------|---------------|-------|-----------|--------|------------------------|--------------------|---|-----------------|
| Agilent Sp | ectrun | і Апа   | ilyzer - Swe | pt SA           |          |               |       |           |        |                        |                    |   |                 |
| Cente      | r Fre  | RF<br>q | 50 A         | AC  <br>00000 G | Hz       | s<br>Trig:Fre | • Run | T <br>Avg | Туре   | ALIGNAUTO<br>: Log-Pwr | 04:15:47 A<br>TRAC | MNuv 07, 2014<br>5 1 2 3 4 5 6<br>1 M <del>VIIIIIII</del>   | Frequency       |
| <u> </u>   |        |         |              | 11 (            | Gain:Low | #Atten: 3     | 0 dB  |           |        | Mkr                    | 2 5.649            | 40 GHz  | Auto Tune       |
| 10 dB/d    | iv     | Ref     | 20.00 d      | IBm             |          |               |       |           |        |                        | -22.3              | 36 dBm  |                 |
| 10.0       |        |         |              |                 |          |               |       |           | _      |                        |                    |   | Contor From     |
|            |        |         |              |                 |          |               |       | 0         | 1      |                        |                    |   |                 |
| -1000      |        |         |              |                 | <u> </u> |               |       |           | 7      |                        |                    |   | 5.0000000 GH2   |
| 200        |        |         |              | •               | 2'       |               |       |           | 1      |                        |                    | -21.96 dDm  |                 |
| 300        |        |         |              | - Andrew        |          |               |       |           |        | Mary Mary              |                    |   | Start Freq      |
| 40.0       |        | -       | Harris       |                 |          |               |       |           |        |                        | a channel          |   | 5.635000000 GHz |
| 50.0       |        | T       |              |                 |          |               |       |           |        |                        |                    | a second seco |                 |
| 500        |        |         |              |                 |          |               |       |           |        |                        |                    |   | Stop From       |
|            |        |         |              |                 |          |               |       |           |        |                        |                    |   | 5 68500000 CH   |
| -70.0      |        |         |              |                 |          |               |       |           |        |                        |                    |   |                 |
| Center     | 5.66   | 100     | 0 GHz        |                 |          |               |       |           |        |                        | Span 5             | 0.00 MHz  |                 |
| #Res E     | 3W 3   | 00 I    | kHz          |                 | #VI      | BW 1.0 MHz    | 2     |           | 3      | #Sweep                 | 500 ms (           | 1001 pts)   | 5 000000 MHz    |
| MKR MOD    | E TRC  | SCL     |              | X               |          | Y             |       | FUNCTION  | FUN    | NCTION WIDTH           | FUNCTIO            | IN VALUE  | Auto Man        |
| 1 N        | 1      | f       |              | 5.667 2         | 5 GHz    | -1.96 c       | Bm    |           | -      |                        |                    |   |                 |
| 3          |        | •       |              | 0.000 4         | 0 0112   | -22.00 0      |       |           |        |                        |                    |   | Freg Offset     |
| 4          | +      | -       |              |                 |          |               | -     |           | +      |                        |                    |   | 0 Hz            |
| 6          |        | _       |              |                 |          |               |       |           |        |                        |                    |   |                 |
| -é         |        |         |              |                 |          |               |       |           |        |                        |                    |   |                 |
| 9          | +      | -       |              |                 |          |               | -+-   |           | -      |                        |                    |   |                 |
| 11         |        |         |              |                 | _        |               | -     |           | $\top$ |                        |                    |   |                 |
| 12         | 1      |         |              |                 |          |               |       |           | 1      | 4                      | 1                  |   | 1               |
| MSG        |        |         |              |                 |          |               |       |           |        | STATUS                 | 1                  |   |                 |

## 5580MHz

| Agilent Spectrum And  | alyzer - Swept SA  |                         |                   |  |                               |  |  |  |  |  |  |  |
|---|--|-------------------------|-------------------|--|-------------------------------|--|--|--|--|--|--|--|
| Center Freq   | 5.660000000 GHz  | SENSE:INI               | Aug Type: Log-Pwr | U5:57:58 AMNUV U7, 2014<br>TRACE 1 2 3 4 5 6 | Frequency                     |  |  |  |  |  |  |  |
| 10 dB/dlv Ref   | Il Gein:Luw #Atten: 30 dB Mkr2 5.649 90 GHz<br>dB/dlv Ref 20.00 dBm -22.26 dBm |                         |                   |  |                               |  |  |  |  |  |  |  |
| 10.0<br>10.0<br>10.0  | 2  |                         | 1                 |  | Center Freq<br>5.66000000 GHz |  |  |  |  |  |  |  |
| -20.0<br>.00.0<br>.40.0 <u>ansil/angor/-**</u>                              | - Aller and a second   |                         | - Normal          | -21:24 dUn                                   | Start Freq<br>5.635000000 GHz |  |  |  |  |  |  |  |
| -60.0   |  |                         |                   |  | Stop Freq<br>5.685000000 GHz  |  |  |  |  |  |  |  |
| Center 5.6600<br>#Res BW 300  | 0 GHZ<br>kHz #\  | /BW 1.0 MHz             | #Sweep            | Span 50.00 MHz<br>500 ms (1001 pts)          | CF Step<br>5.000000 MHz       |  |  |  |  |  |  |  |
| 1 N 1 f<br>1 N 1 f<br>2 N 1 f<br>3 5<br>6 7<br>7 8<br>9 9<br>10 11<br>12 12 | 5.667 95 GHz<br>5.650 90 GHz   | -1.24 dBm<br>-22.26 dBm |                   |  | Freq Offset<br>0 Hz           |  |  |  |  |  |  |  |
| MSC   |  |                         |                   |  |                               |  |  |  |  |  |  |  |

| Product   | : | TABLET PC                              |
|-----------|---|--|
| Test Item | : | Band Edge Data                         |
| Test Site | : | No.3 OATS                              |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) |
|           |   |  |

## Chain A

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5550           | 5570.00                     | <5600 | PASS   |
| 5670           | 5650.20                     | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

|                   |                |              |                       |                             | 2                        | 5501        |        | -             |                  |                                     |                      |
|-------------------|----------------|--------------|-----------------------|-----------------------------|--------------------------|-------------|--------|---------------|------------------|-------------------------------------|----------------------|
| ilent Spectri     | um Ana         | lyzer - Swej | pt SA                 |                             |                          |             |        |               |                  |                                     |                      |
| RL                | RF             | 511.0        | AL                    |                             | SH                       | ISE:INI     | 1      | ALIGNAUTC     | D IDSD00         | HMNnv117,21114                      |                      |
| enter Fr          | req 5          | .55000       | 0000 GH               | lz<br>NO: I ast<br>Sain:Luv | Trig: Free<br>#Atten: 30 | Run<br>) dB | Avg    | Type: Log-Pw  | r TRJ<br>T       | ACE 1 2 3 4 5 6<br>YPC MULLIP NNNNN | Frequency            |
| dB/div            | Ref            | 20.00 d      | Bm                    |                             |                          |             |        | N             | 1kr2 5.57<br>-22 | ′0 0 GHz<br>.31 dBm                 | Auto Tu              |
| ພ                 | _              |              |                       |                             | ~1                       |             |        | _             | _                |                                     | Center Fr            |
| ո                 |                |              |                       |                             | V                        |             |        |               |                  |                                     | 5 550000000 C        |
| ~<br>             |                |              |                       | ( mar -                     | manned                   | (           |        | <u> </u>      |                  |                                     | 0.00000000           |
| U                 |                |              |                       | 1                           |                          |             |        |               |                  | -20:17 dBn                          |                      |
|                   |                |              | and the second second |                             |                          |             |        | The second    |                  | · ·                                 | StartFr              |
| ĭ                 |                | Laure A      | showing               |                             |                          |             |        |               | molan            | · ·                                 | 5.500000000 G        |
| In det            |                |              |                       |                             |                          |             |        |               |                  | A Martin and a                      | L                    |
| n                 |                |              |                       |                             |                          |             |        |               |                  | 1 1                                 |                      |
| u                 |                |              |                       |                             |                          |             | _      |               |                  |                                     | Stop Fr              |
|                   |                |              |                       |                             |                          |             |        |               |                  | · ·                                 | 5.60000000 G         |
| ۳L                |                |              |                       |                             |                          |             |        |               |                  |                                     |                      |
| nter 5.5<br>es BW | 55000<br>300 k | ) GHz<br>(Hz |                       | #V                          | BW 1.0 MHz               |             |        | #Swee         | Span<br>p 500 ms | 100.0 MHz<br>(1001 pts)             | CF St<br>10.000000 M |
| MODE TO           | C SCL          |              | x                     |                             | Y                        | l ru        | NCTION | FUNCTION WIDT | II FUNCT         | ON VALUE                            | Auto N               |
| N 1               | 1              |              | 6.637 (               | 5 GHz                       | -0.17 di                 | 3m          |        |               |                  |                                     |                      |
| N 1               | f              |              | 5.570 (               | 0 GHz                       | -22.31 dE                | 3m          |        |               |                  |                                     | E                    |
|                   |                |              |                       |                             |                          |             |        |               |                  |                                     | Frequis              |
|                   |                |              |                       |                             |                          |             |        |               |                  |                                     | 0                    |
|                   | +              |              |                       |                             |                          | _           |        |               |                  |                                     |                      |
|                   | +              |              |                       |                             |                          | -           |        |               |                  |                                     |                      |
|                   |                |              |                       |                             |                          | _           |        |               |                  |                                     |                      |
|                   |                |              |                       |                             |                          |             |        |               |                  |                                     |                      |
|                   |                |              |                       |                             |                          |             |        |               |                  |                                     |                      |
|                   |                |              |                       |                             |                          |             |        | NIA           | us               |                                     | L                    |
|                   |                |              |                       |                             |                          |             |        | anni          |                  |                                     |                      |

## 5550MHz

| Agilent Spect | rum Analyzer - S                           | wept SA          |          |              |           |             |                         |                 |               |                          |  |  |  |
|---------------|--|------------------|----------|--------------|-----------|-------------|-------------------------|-----------------|---------------|--------------------------|--|--|--|
| 🕫<br>Center F | req 5.670                                  | 0 AC<br>000000 G | Hz       |              | NCE:INT   | Avg Typ     | ALIGNAUTO<br>e: Log-Pwr | 04:06:56 F      | MNov 07, 2014 | Frequency                |  |  |  |
|               |  | ш                | Gain:Low | ) #Atten: 30 | ) dB      | Arginoid    |                         | D               | PNNNNN        | Auto Tune                |  |  |  |
| 10 dB/div     | D dB/div Ref 20.00 dBm21.602 dBm21.602 dBm |                  |          |              |           |             |                         |                 |               |                          |  |  |  |
| 10.0          |  | _                |          |              |           |             |                         |                 |               | Center Freq              |  |  |  |
| 0.00          |  |                  | pour     |              | provine a | money       |                         |                 |               | 5.670000000 GHz          |  |  |  |
| -10.0         |  |                  | 2        | <u> </u>     | 1         |             |                         |                 | 21.01 dBm     |                          |  |  |  |
| -30.0         | 1.000.000                                  | and and and and  | 1        |              |           |             | Mr. Went of             |                 |               | Start Freq               |  |  |  |
| 40.0 *******  | A PARTY CONTRACT                           |                  |          |              |           |             |                         | 418.M. A. T. W. |               | 3.02000000 GHZ           |  |  |  |
| 50.0          |  |                  |          |              |           |             |                         |                 |               | Stop Freq                |  |  |  |
| -70.0         | _  | _                |          |              |           | -           |                         |                 |               | 5.720000000 GHz          |  |  |  |
| Center 5.     | 67000 GHz                                  |                  |          |              |           |             |                         | Span 1          | 00.0 MHz      |                          |  |  |  |
| #Res BW       | 300 kHz                                    |                  | #VB۱     | № 1.0 MHz    |           |             | Sweep                   | 1.07 ms (       | 1001 pts)     | CF Step<br>10.000000 MHz |  |  |  |
|               | RD SD<br>f                                 | ×<br>5.667       | 4 GHz    | -1.068 di    | Bm        | ICTION   FO | NCTEIN WIDTH            | FUNCTI          | INVALIE       | <u>Auto</u> Man          |  |  |  |
| 2 N<br>3      | 1  | 5.650            | 2 GHz    | -21.602 d    | Bm        |             |                         |                 |               | Eren Offeet              |  |  |  |
| 4             |  |                  |          |              | +         |             |                         |                 |               | 0 Hz                     |  |  |  |
| 6<br>7        |  |                  |          |              | -         |             |                         |                 |               |                          |  |  |  |
| 9             |  |                  |          |              |           |             |                         |                 |               |                          |  |  |  |
| 11<br>12      |  |                  |          |              |           |             |                         |                 |               |                          |  |  |  |
| MSG           |  |                  |          |              |           |             | STATUS                  | ;               |               |                          |  |  |  |

| Product   | : | TABLET PC                              |
|-----------|---|--|
| Test Item | : | Band Edge Data                         |
| Test Site | : | No.3 OATS                              |
| Test Mode | : | Mode 3: Transmit (802.11n-40BW 30Mbps) |
|           |   |  |

### Chain B

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5550           | 5569.50                     | <5600 | PASS   |
| 5670           | 5650.30                     | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

|               |               |              |             |              |       |       |             |                      |           | •                      |               | 001                                       | 1112  | -          |             |          |                  |                                     |                 |                              |
|---------------|---------------|--------------|-------------|--------------|-------|-------|-------------|----------------------|-----------|------------------------|---------------|---|-------|------------|-------------|----------|------------------|-------------------------------------|-----------------|------------------------------|
| Agiler        | nt Spec       | ctrum        | i Ana       | lyzer - S    | wept  | S۸    |             |                      |           |                        |               |   |       |            |             |          |                  |                                     |                 |                              |
| UXU R         | L             |              | Кŀ          | 50           | 0 /   | ¥.    |             |                      |           | 59                     | -Ne3-:1       | NI  |       |            | ALIGNAUTO   | 10       | 2016/RF          | MNnv117,2                           | 1114            | Eroguopau                    |
| Cer           | ter           | Fre          | q 5         | 5.5500       | 000   | 000 0 |             | Z<br>V:las<br>ain:Lo | a ⊊<br>w  | Trig: Fre<br>#Atten: 3 | e Ru<br>30 dB | n   | Avg   | Түре       | : Log-Pwr   |          | TRAC<br>TVS<br>U | E 1 2 3 4<br>PC MWWWW<br>LI P N N N | 56<br>MN<br>N N | Frequency                    |
| 10 d          | B/div         | , ,          | Ref         | 20.00        | dB    | m     |             |                      |           |                        |               |   |       |            | М           | kr2      | 5.569<br>-20.4   | 95 GH<br>47 dB                      | lz<br>m         | Auto Tune                    |
| 10.0          | ⊢             |              | +           |              | +     |       | +           |                      | _         |                        | +             |   | 01    |            |             | +        |                  |                                     | ┨               | Center Freq                  |
| 0.00          |               |              |             |              |       |       |             | ( mark               | , ywysech | . <del></del>          | Y             | al an | A.c.a | ٩          |             |          |                  |                                     | 1               | 5.550000000 GHz              |
| 2010          |               |              |             |              |       |       |             | /                    |           |                        |               |   |       | 1          | ŕ           |          |                  | -18:03                              | Ph I            |                              |
| -30.0         |               |              |             |              | عليله |       | 1           |                      |           |                        |               |   |       |            | and a       | a ser    | w                |                                     |                 | Start Freq<br>5.50000000 GHz |
| 50.0          | ghan          | برد. het     | 1           | - Area       |       |       |             |                      |           |                        |               |   |       |            |             |          |                  | and official                        | a.,             | 01                           |
| 60.0<br>-70.0 | ┢             |              | T           |              | t     |       |             |                      |           |                        | t             |   |       |            |             |          |                  |                                     | 1               | 5.600000000 GHz              |
| Cen<br>#Re    | ter :<br>s B\ | 5.55<br>N 31 | 000<br>00 I | 0 GHz<br>kHz |       |       |             | #\                   | vвw       | 1.0 MH                 | z             |   |       |            | #Sweep      | S<br>500 | pan 1<br>) ms (  | 00.0 M<br>1001 pt                   | Hz<br>(S)       | CF Step<br>10.000000 MHz     |
| MKT           | MODE          | ΠC           | SCL         |              |       | x     |             |                      |           | Y                      | -             | run                                       | CTION | <b>FUN</b> | CTION WIDTH |          | гинстіо          | IN VALUE                            |                 | <u>Auto</u> Man              |
| 1             | N             | 1            | 1           |              |       | 6.66  | <u>61 3</u> | GHz                  |           | 1.06 d                 | Bm            |   |       |            |             | -        |                  |                                     |                 |                              |
| 3             | N             | 1            | 1           |              |       | 5.50  | 695         | GHZ                  |           | -20.47 d               | Bm            |   |       |            |             | -        |                  |                                     | 4               | Freq Offset                  |
| 5             |               |              |             |              |       |       |             |                      |           |                        |               |   |       |            |             |          |                  |                                     |                 | 0 Hz                         |
| 7<br>8<br>9   |               |              |             |              |       |       |             |                      |           |                        |               |   |       |            |             |          |                  |                                     | ٦               |                              |
| 10<br>11      |               |              |             |              |       |       |             |                      |           |                        |               |   |       |            |             |          |                  |                                     | ٦               |                              |
| MSG           |               |              |             |              |       |       |             |                      | -         |                        |               |   |       |            | SIAR        | JS       |                  |                                     |                 |                              |

## 5550MHz

| W HF 50 (2) AC SENSE: INIT ALIGNAUTO UNDER321MIN/VU / 2001   Center Freq 5.670000000 GHz Avg Type: Log-Pwr TRACE 12.2.3.4.5.5   | Frequency                             |
|---|---------------------------------------|
| - Tria: Free Run AvaiHold>100/100   |                                       |
| II Gain:Low #Atten: 30 dB OLIP NNNN<br>Mkr2 5.650 3 GHz<br>10 dB/dlv Ref 20.00 dBm -20.262 dBm  | Auto Tune                             |
|   | Center Freq<br>5.67000000 GHz         |
|   | Start Freq<br>5.620000000 GHz         |
|   | Stop Freq<br>5.720000000 GHz          |
| Center 5.67000 CHz Span 100.0 MHz<br>#Res BW 300 kHz #VBW 1.0 MHz Sweep 1.07 ms (1001 pts)  | CF Step<br>10.000000 MHz              |
| No.1 f 5.650 0 GHz 0.302 dBm Tokstow wolft Toks | <u>uto</u> мал<br>Freq Offset<br>0 Hz |

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 4: Transmit (802.11ac-20BW-7.2Mbps) -Channel 44 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5825.000           | 12.438                 | -69.180                | -56.742                  | -39.742        | -17.000          | Pass   |
| Horizontal | 5835.000           | 12.597                 | -69.530                | -56.933                  | -29.933        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5825.000           | 12.285                 | -69.260                | -56.975                  | -39.975        | -17.000          | Pass   |
| Vertical | 5835.000           | 12.479                 | -70.110                | -57.631                  | -30.631        | -27.000          | Pass   |

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 5: Transmit (802.11ac-40BW-15Mbps) -Channel 42 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5825.000           | 12.438                 | -68.980                | -56.542                  | -39.542        | -17.000          | Pass   |
| Horizontal | 5835.000           | 12.597                 | -69.340                | -56.743                  | -29.743        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5825.000           | 12.285                 | -69.300                | -57.015                  | -40.015        | -17.000          | Pass   |
| Vertical | 5835.000           | 12.479                 | -70.090                | -57.611                  | -30.611        | -27.000          | Pass   |

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 42 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|              | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 42 (Peak)    | 5148.000  | 3.347          | 58.491        | 61.838         | 74.00         | 54.00         | Pass   |
| 42 (Peak)    | 5150.000  | 3.340          | 57.807        | 61.147         | 74.00         | 54.00         | Pass   |
| 42 (Peak)    | 5191.200  | 3.191          | 90.597        | 93.788         |               |               |        |
| 42 (Average) | 5150.000  | 3.340          | 42.330        | 45.670         | 74.00         | 54.00         | Pass   |
| 42 (Average) | 5200.000  | 3.165          | 81.133        | 84.298         |               |               |        |

### Figure Channel 42:

#### Horizontal (Peak)





Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 42 |

### **RF Radiated Measurement (Vertical):**

| Channel No.<br>42 (Peak)<br>42 (Peak)<br>42 (Average) | Frequency | Correct Factor | Reading Level | <b>Emission Level</b> | Peak Limit | Average Limit | Dogult |
|---|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
|   | (MHz)     | (dB)           | (dBµV)        | (dBµV/m)              | (dBµV/m)   | $(dB\mu V/m)$ | Result |
| 42 (Peak)   | 5150.000  | 5.260          | 56.028        | 61.288                | 74.00      | 54.00         | Pass   |
| 42 (Peak)   | 5191.400  | 5.370          | 89.416        | 94.785                |            |               |        |
| 42 (Average)  | 5150.000  | 5.260          | 39.820        | 45.080                | 74.00      | 54.00         | Pass   |
| 42 (Average)  | 5192.200  | 5.371          | 79.801        | 85.172                |            |               |        |

### Figure Channel 42:

### Vertical (Peak)



## Figure Channel 42: Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 58 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency | Correct Factor | Reading Level | <b>Emission Level</b> | Peak Limit | Average Limit | Dogult |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | (dBµV/m)              | (dBµV/m)   | $(dB\mu V/m)$ | Result |
| 58 (Peak)    | 5307.400  | 3.853          | 92.789        | 96.642                |            |               |        |
| 58 (Peak)    | 5350.000  | 3.716          | 58.778        | 62.495                | 74.00      | 54.00         | Pass   |
| 58 (Peak)    | 5353.000  | 3.707          | 60.738        | 64.445                | 74.00      | 54.00         | Pass   |
| 58 (Average) | 5326.200  | 3.793          | 83.505        | 87.298                |            |               |        |
| 58 (Average) | 5350.000  | 3.716          | 44.855        | 48.572                | 74.00      | 54.00         | Pass   |

#### Figure Channel 58:

#### Horizontal (Peak)





### Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC   |
|-----------|---|---|
| Test Item | : | Band Edge Data                                      |
| Test Site | : | No.3 OATS   |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 58 |

### **RF Radiated Measurement (Vertical):**

| Channel Ma   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Degult |
|--------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Channel No.  | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 58 (Peak)    | 5307.400  | 5.745          | 86.915        | 92.660         |               |               |        |
| 58 (Peak)    | 5350.000  | 5.691          | 51.406        | 57.098         | 74.00         | 54.00         | Pass   |
| 58 (Peak)    | 5352.800  | 5.688          | 52.950        | 58.638         | 74.00         | 54.00         | Pass   |
| 58 (Average) | 5307.800  | 5.745          | 77.512        | 83.257         |               |               |        |
| 58 (Average) | 5350.000  | 5.691          | 37.388        | 43.080         | 74.00         | 54.00         | Pass   |





Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106 |

### **RF Radiated Measurement (Horizontal):**

| Channel No.   | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Dogult |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
|               | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | $(dB\mu V/m)$ | Result |
| 106 (Peak)    | 5459.200  | 4.343          | 56.655        | 60.998         | 74.00         | 54.00         | Pass   |
| 106 (Peak)    | 5460.000  | 4.354          | 54.178        | 58.532         | 74.00         | 54.00         | Pass   |
| 106 (Peak)    | 5494.000  | 4.773          | 87.840        | 92.613         |               |               |        |
| 106 (Average) | 5460.000  | 4.354          | 42.059        | 46.413         | 74.00         | 54.00         | Pass   |
| 106 (Average) | 5494.400  | 4.776          | 78.632        | 83.408         |               |               |        |

### Figure Channel 106:

#### Horizontal (Peak)





Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Toget Itom | • | IADLEI FC  |
|------------|---|--|
| lest Item  | : | Band Edge Data                                       |
| Test Site  | : | No.3 OATS  |
| Test Mode  | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106 |

### **RF Radiated Measurement (Vertical):**

| Channel No    | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit    | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|---------------|---------------|--------|
| Chamiler 100. | (MHz)     | (dB)           | (dBµV)        | $(dB\mu V/m)$  | $(dB\mu V/m)$ | (dBµV/m)      | Result |
| 106 (Peak)    | 5459.200  | 6.035          | 45.386        | 51.421         | 74.00         | 54.00         | Pass   |
| 106 (Peak)    | 5460.000  | 6.041          | 43.634        | 49.675         | 74.00         | 54.00         | Pass   |
| 106 (Peak)    | 5510.000  | 6.258          | 78.190        | 84.448         |               |               |        |
| 106 (Average) | 5460.000  | 6.041          | 31.883        | 37.924         | 74.00         | 54.00         | Pass   |
| 106 (Average) | 5503.000  | 6.284          | 68.813        | 75.097         |               |               |        |

### Figure Channel 106:

Vertical (Peak)



### Figure Channel 106:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "\*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5470.000           | 13.958                 | -68.380                | -54.422                  | -27.422        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5470.000           | 14.324                 | -68.380                | -54.056                  | -27.056        | -27.000          | Pass   |

| Product   | : | TABLET PC  |
|-----------|---|--|
| Test Item | : | Band Edge Data                                       |
| Test Site | : | No.3 OATS  |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 138 |

|            | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|------------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Horizontal | 5725.000           | 12.135                 | -68.265                | -56.130                  | -29.130        | -27.000          | Pass   |

|          | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBm) | Measure Level<br>(dBm/m) | Margin<br>(dB) | Limit<br>(dBm/m) | Result |
|----------|--------------------|------------------------|------------------------|--------------------------|----------------|------------------|--------|
| Vertical | 5725.000           | 12.243                 | -70.463                | -58.220                  | -31.220        | -27.000          | Pass   |

| Product   | : | TABLET PC                               |
|-----------|---|---|
| Test Item | : | Band Edge Data                          |
| Test Site | : | No.3 OATS                               |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) |

## Chain A

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5530           | 5569.8                      | <5600 | PASS   |
| 5690           | 5650.4                      | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

| Agilent S               | pectrum A   | inalyzer - S        | iwept SA   |                  |   |          |                |   |                          |  |                                |
|-------------------------|---|---------------------|------------|------------------|---|----------|----------------|---|--------------------------|--|--------------------------------|
| Cente                   | r Freq  | 5.530               | 000000 GH  | -lz<br>NO:Γast ( | J Trig: Free                                    | NSE:INT  | Avg 1<br>Avg H | ALIGNAUTO<br>Type: Log-Pwr<br>Iold:>100/100 | 07:25:56P<br>TRAC<br>119 | MNuv 20, 2014<br>II 2 3 4 5 6<br>L M <del>VIIIIIII</del> | Frequency                      |
|                         | II GuineLow Atten: 20 dB Ut Products<br>Mkr2 5,569 8 GHz<br>-26 585 dBm |                     |            |                  |   |          |                |   |                          |  | Auto Tune                      |
|                         | liv R   | ef 10.00            |            | , warma          | 9-68-78-78-7-68 <sup>-</sup> 168 <sup>-</sup> 1 | /        |                |   | -20.0                    |  | Center Freq<br>5.530000000 GHz |
| -20.0                   |   |                     |            | -                |   |          |                | → <sup>2</sup>                              |                          | -25 14 dBm   |                                |
| 40.0<br>-50.0 ee        | مرار <del>ب</del> معلى  | and a second second | warna      |                  |   |          |                | hunter                                      | wa Jusy generation       | mernel   | Start Freq<br>5.430000000 GHz  |
| -70 0<br>-80.0          |   |                     |            |                  |   |          |                |   |                          |  | Stop Freq<br>5.63000000 GHz    |
| Center<br>#Res E        | r 5.530<br>3W 300   | 0 GHz<br>) kHz      |            | #VB              | W 1.0 MHz                                       |          |                | #Sweep                                      | Span 2<br>500 ms (       | 00.0 MHz<br>1001 pts)                                    | CF Step                        |
| 1 N                     | e trac si   |                     | ×<br>5.540 | 0 GHz            | -5.141 di                                       | FU<br>Bm | NCTION         | FUNCTION WIDTH                              | FUNCTIO                  | DN VALUE   | Auto Man                       |
| 2 N<br>3<br>4<br>5<br>6 | 1   |                     | 6.669      | 8 GHZ            | -26.686 0                                       | 3m       |                |   |                          |  | Freq Offset<br>0 Hz            |
| 7<br>8<br>9<br>10       |   |                     |            |                  |   |          |                |   |                          |  |                                |
| 12<br>MSG               |   |                     |            |                  |   |          |                | STATU                                       | 5                        |  |                                |

### 5530MHz

| Agile                        | nt Spe         | ctrur         | n An         | alyzer - Sw         | rept SA             |                |                      |          |                                    |   |                        |   |                               |
|------------------------------|----------------|---------------|--------------|---------------------|---------------------|----------------|----------------------|----------|------------------------------------|---|------------------------|---|-------------------------------|
| ø<br>Cer                     | '<br>nter      | Fre           | ™<br>Pe      | 50 a<br>5.6900      | 00000 G             | Hz             |                      | NGC:INT  | Avg Ty<br>Avgitta                  | ALIGNAUTO<br>/pe: Log-Pwr<br>id: 48/100 | 07:20:02 P             | MNuv 20, 2014<br>2 1 2 3 4 5 6<br>* M <del>WWWW</del> | Frequency                     |
| 10 d                         | B/dlv          | ,             | Ref          | 10.00               | dBm                 | Gain:Low       | Atten: 20            | dB       |                                    | Mk                                      | (r2 5.65)<br>-26.5     | ar<br>1 4 GHz<br>27 dBm                               | Auto Tune                     |
| Lòg<br>n m<br>-10 n<br>-20 n |                |               |              |                     |                     | رمیسیس<br>2    |                      | c-northe | 1<br><sup>61400-1-49-0-49-00</sup> | *                                       |                        | 24.43 džini   | Center Freq<br>5.69000000 GHz |
| 30 0<br>40 0<br>50 0         | رالع           | . برد او      | -4-          | فرو دادهه (بعاد هو. | www.                |                |                      |          |                                    | harman                                  | nel versee this police | adratherene 1)p                                       | Start Freq<br>5.590000000 GHz |
| 60.0<br>70.0<br>80.0         |                |               | +            |                     |                     |                |                      |          |                                    |   |                        |   | Stop Freq<br>5.790000000 GHz  |
| Cer<br>#Re                   | iter :<br>s B\ | 5.69<br>W 3   | 900          | GHz<br>kHz          |                     | #VE            | 3W 1.0 MHz           |          |                                    | #Sweep                                  | Span 2<br>500 ms (     | 00.0 MHz<br>1001 pts)                                 | CF Step<br>20.000000 MHz      |
| 1<br>2<br>3                  | N<br>N<br>N    | 181<br>1<br>1 | SD<br>f<br>f |                     | ×<br>5.702<br>5.650 | 0 GHz<br>4 GHz | 4.425 d<br>-26.527 d | Bm<br>Bm | UNICHIN                            | FUNCTION WIDTH                          | FUNCU                  | IN VALTIF   | <u>Auto</u> Man               |
| 45                           |                |               |              |                     |                     |                |                      |          |                                    |   |                        |   | Freq Offset<br>0 Hz           |
| 8<br>9<br>10                 |                |               |              |                     |                     |                |                      |          |                                    |   |                        |   |                               |
| 12                           |                |               |              |                     |                     |                |                      |          |                                    |   |                        |   |                               |

| Product   | : | TABLET PC                               |
|-----------|---|---|
| Test Item | : | Band Edge Data                          |
| Test Site | : | No.3 OATS                               |
| Test Mode | : | Mode 6: Transmit (802.11ac-80BW-65Mbps) |

### Chain B

| Test Frequency | Measurement Level (20dB BW) | Limit | Result |
|----------------|-----------------------------|-------|--------|
| (MHz)          | (MHz)                       | (MHz) |        |
| 5530           | 5569.8                      | <5600 | PASS   |
| 5690           | 5650.2                      | >5650 | PASS   |

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

| Agilen                  | it Spe     | etru       | m År       | alyzer - S          | Swept S | Ā     |                                   |        |                         |           |      |                    |                          |                 |  |                              |
|-------------------------|------------|------------|------------|---------------------|---------|-------|-----------------------------------|--------|-------------------------|-----------|------|--------------------|--------------------------|-----------------|--|------------------------------|
| <mark>iya</mark> i      | L          | 1          | RF         | 50                  | 10 AC   | :     |                                   |        | 587                     | ISE:INT   |      | 1                  | ALIGN AUTO               | 07:26:5         | 5PM Nov 20, 2014                                   | <b>5</b> -1-1-1-1            |
| Cen                     | ter        | Fre        | eq         | 5.530               | 0000    | 00 GH | <b>12</b><br>10: Fast<br>jain:Low | ,<br>P | Trig: Free<br>Atten: 20 | Run<br>dB |      | Avg Tyj<br>AvgjHel | pe: Log-Pwr<br>d>100/100 | 22              | ACE 1 2 3 4 5 6<br>TYPE MUMUUUU<br>DET P N N N N N | Prequency                    |
| 10 di                   | Bidiv      | ,          | Re         | f 10.00             | ) dBn   | 9     |                                   |        |                         |           |      |                    | MI                       | (r2 5.5<br>-26. | 69 8 GHz<br>022 dBm                                | Auto Tun                     |
| Log<br>0.00<br>-18.8    |            |            |            |                     |         |       | , manadarang                      | iner4* | ******                  | ,,        | 2    |                    | 2                        |                 |  | Center Fre<br>5.530000000 GH |
| -38.8<br>-40.0<br>-58.6 | ~          | \$~~~      | ~~~        | فامزر واسترسار مالي | milan   | me    |                                   |        |                         |           |      |                    | haven                    |                 | -74 31 ePre  | Start Free<br>5.430000000 GH |
| -60.0<br>-70.0<br>-80.0 |            |            |            |                     |         |       |                                   |        |                         |           |      |                    |                          |                 |  | Stop Fre<br>5.630000000 GH   |
| Cen<br>#Re              | ter<br>s B | 5.5<br>W 3 | 300<br>100 | GHz<br>kHz          | í       |       | #V                                | BW     | 1.0 MHz                 |           | 1    |                    | #Sweep                   | Span<br>500 ms  | 200.0 MHz<br>(1001 pts)                            | CF Stej<br>20.000000 MH      |
| M38<br>1                | MRROE<br>N | TRC<br>1   | 500<br>  f |                     |         | 5.542 | 3 GHz                             |        | 4.311 da                | 3m        | FUNC | 740N 8             | UNCTION WOTH             | FUN             | TION VALUE   | <u>Auto</u> Ma               |
| 2<br>3<br>4<br>5<br>6   | N          | 1          | f          |                     |         | 5.569 | 8 GHz                             |        | -26.022 dE              | 3m        |      |                    |                          |                 |  | Freq Offse<br>0 H            |
| 7<br>8<br>9<br>10       |            |            |            |                     |         |       |                                   |        |                         |           |      |                    |                          |                 |  |                              |
| 11                      |            | _          | {          | 1                   |         |       |                                   |        |                         | +         |      |                    |                          | <u> </u>        |  |                              |

### 5530MHz

| Agile                            | at Spe        | ctræ        | n An        | alyzer - Swe          | ept SA         |                       |                       |          |                         |                                      |                                   |   |                               |
|----------------------------------|---------------|-------------|-------------|-----------------------|----------------|-----------------------|-----------------------|----------|-------------------------|--------------------------------------|-----------------------------------|---|-------------------------------|
| ₩<br>Cer                         | ۱<br>ter      | Fre         | ≋⊧<br>Peq ! | 5.69000               | 0000 G         | Hz                    | Tria: Free            | NSE:3NT  | Avg Typ<br>AvaiHala     | ALIGNAUTO<br>E: Log-Pur<br>I- 13/100 | 07:28:53F<br>1RA<br>1V            | MINOV 28, 2814<br>26 1 2 3 4 5 5<br>PE MUNINANU | Frequency                     |
| 10 d                             | 8/div         | ,           | Ref         | 10.00 c               | iBm            | 'NU: Hast<br>Gein:Low | Atten: 20             | dB       | , and the second second | Mk                                   | 。<br>(r2 5.65)<br>-27.1           | o 2 GHz<br>61 dBm                               | Auto Tune                     |
| 0.00<br>-10.0                    |               |             |             |                       |                | 2                     |                       |          | ******                  |                                      |                                   |   | Center Freq<br>5.69000000 GHz |
| -2010<br>-3010<br>-4010<br>-5010 |               | ر دمرار     |             | اللبجر قيوسة مريكوتين | varanal        |                       |                       |          |                         |                                      | and the group on the fight of the | -34.73 dBm                                      | Start Freq<br>5.59000000 GHz  |
| -60.0<br>-70.0<br>-80.0          |               |             |             |                       |                |                       |                       |          |                         |                                      |                                   |   | Stop Freq<br>5.79000000 GHz   |
| Cer<br>#Re                       | ter :<br>s Bi | 5.69<br>N 3 | 000         | GHz<br>kHz            | 1              | #VI                   | BW 1.0 MHz            |          | )                       | #Sweep                               | Span 2<br>500 ms (                | 00.0 MHz<br>1001 pts)                           | CF Step<br>20.000000 MHz      |
| 1                                | NN            | 1           | f<br>f      |                       | 5.687<br>5.650 | 0 GHz<br>2 GHz        | -4.731 d<br>-27.161 d | Bm<br>Bm |                         | 200 <u>0-</u> 1 0.200 Metal 1 M      |                                   |   | <u>Auto</u> mari              |
| 4 5 6 7                          |               |             |             |                       |                |                       |                       |          |                         |                                      |                                   |   | FreqOffset<br>0Hz             |
| 8<br>9<br>10                     |               |             |             |                       |                | _                     |                       |          |                         |                                      |                                   |   |                               |
| 12                               |               |             |             |                       |                |                       |                       |          |                         |                                      |                                   |   |                               |

## 8. Frequency Stability

### 8.1. Test Equipment

|   | Equipment         | Manufacturer | Model No./Serial No. | Last Cal.  |
|---|-------------------|--------------|----------------------|------------|
|   | Spectrum Analyzer | R&S          | FSP40 / 100170       | Jun., 2014 |
|   | Spectrum Analyzer | Agilent      | E4407B / US39440758  | Jun., 2014 |
| Х | Spectrum Analyzer | Agilent      | N9010A / MY48030495  | Apr., 2014 |

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

## 8.2. Test Setup



### 8.3. Limits

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

### 8.4. Test Procedure

The EUT was setup to ANSI C63.10, 2014; tested to DTS test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

## 8.5. Uncertainty

± 150 Hz

## 8.6. Test Result of Frequency Stability

| Product   | : | TABLET PC           |
|-----------|---|---------------------|
| Test Item | : | Frequency Stability |
| Test Site | : | Temperature Chamber |
| Test Mode | : | Carrier Wave        |

### Chain A

| Test C                | onditions                                   | Channel | Frequency | Frequency | $\wedge \mathbf{F}$ (MH <sub>7</sub> ) |
|-----------------------|---|---------|-----------|-----------|--|
| Test C                | onantions                                   | Channel | (MHz)     | (MHz)     |  |
|                       |   | 36      | 5180.0068 | 5180.0068 | -0.0068                                |
|                       |   | 38      | 5190.0043 | 5190.0043 | -0.0043                                |
|                       |   | 44      | 5220.0082 | 5220.0082 | -0.0082                                |
|                       |   | 46      | 5230.0069 | 5230.0069 | -0.0069                                |
|                       |   | 48      | 5240.0077 | 5240.0077 | -0.0077                                |
|                       |   | 52      | 5260.0088 | 5260.0088 | -0.0088                                |
|                       |   | 54      | 5270.0081 | 5270.0081 | -0.0081                                |
| $T_{max}(20) \circ C$ | $\mathbf{V}_{max}$ (110) $\mathbf{V}_{max}$ | 60      | 5300.0062 | 5300.0062 | -0.0062                                |
| 1 nom (20) oc         | v nom (110) v                               | 62      | 5310.0058 | 5310.0058 | -0.0058                                |
|                       |   | 64      | 5320.0032 | 5320.0032 | -0.0032                                |
|                       |   | 100     | 5500.0093 | 5500.0093 | -0.0093                                |
|                       |   | 102     | 5510.0102 | 5510.0102 | -0.0102                                |
|                       |   | 110     | 5550.0100 | 5550.0100 | -0.0100                                |
|                       |   | 116     | 5580.0097 | 5580.0097 | -0.0097                                |
|                       |   | 134     | 5670.0082 | 5670.0082 | -0.0082                                |
|                       |   | 140     | 5700.0087 | 5700.0087 | -0.0087                                |
|                       |   | 36      | 5180.0070 | 5180.0070 | -0.0070                                |
|                       |   | 38      | 5190.0040 | 5190.0040 | -0.0040                                |
|                       |   | 44      | 5220.0080 | 5220.0080 | -0.0080                                |
|                       |   | 46      | 5230.0070 | 5230.0070 | -0.0070                                |
|                       |   | 48      | 5240.0071 | 5240.0071 | -0.0071                                |
|                       |   | 52      | 5260.0083 | 5260.0083 | -0.0083                                |
|                       |   | 54      | 5270.0079 | 5270.0079 | -0.0079                                |
| Tmax (50) aC          | V   | 60      | 5300.0062 | 5300.0062 | -0.0062                                |
| 1 max (50) oC         | vmax (126.5)v                               | 62      | 5310.0088 | 5310.0088 | -0.0088                                |
|                       |   | 64      | 5320.0073 | 5320.0073 | -0.0073                                |
|                       |   | 100     | 5500.0074 | 5500.0074 | -0.0074                                |
|                       |   | 102     | 5510.0069 | 5510.0069 | -0.0069                                |
|                       |   | 110     | 5550.0100 | 5550.0100 | -0.0100                                |
|                       |   | 116     | 5580.0094 | 5580.0094 | -0.0094                                |
|                       |   | 134     | 5670.0081 | 5670.0081 | -0.0081                                |
|                       |   | 140     | 5700.0077 | 5700.0077 | -0.0077                                |

|   |                        |                          | 36  | 5180.0069 | 5180.0069 | -0.0069 |
|---|------------------------|--------------------------|-----|-----------|-----------|---------|
|   |                        |                          | 38  | 5190.0077 | 5190.0077 | -0.0077 |
|   |                        |                          | 44  | 5220.0088 | 5220.0088 | -0.0088 |
|   |                        |                          | 46  | 5230.0074 | 5230.0074 | -0.0074 |
|   |                        |                          | 48  | 5240.0066 | 5240.0066 | -0.0066 |
|   |                        |                          | 52  | 5260.0079 | 5260.0079 | -0.0079 |
|   |                        |                          | 54  | 5270.0092 | 5270.0092 | -0.0092 |
| т | $T_{max}(50)$ °C       | $V_{min} (02.5) V_{min}$ | 60  | 5300.0086 | 5300.0086 | -0.0086 |
|   | $1 \max(50)$ C         | v min (95.5) v           | 62  | 5310.0061 | 5310.0061 | -0.0061 |
|   |                        |                          | 64  | 5320.0074 | 5320.0074 | -0.0074 |
|   |                        |                          | 100 | 5500.0073 | 5500.0073 | -0.0073 |
|   |                        |                          | 102 | 5510.0079 | 5510.0079 | -0.0079 |
|   |                        |                          | 110 | 5550.0099 | 5550.0099 | -0.0099 |
|   |                        |                          | 116 | 5580.0101 | 5580.0101 | -0.0101 |
|   |                        |                          | 134 | 5670.0088 | 5670.0088 | -0.0088 |
|   |                        |                          | 140 | 5700.0080 | 5700.0080 | -0.0080 |
|   |                        |                          | 36  | 5180.0064 | 5180.0064 | -0.0064 |
|   |                        |                          | 38  | 5190.0078 | 5190.0078 | -0.0078 |
|   |                        |                          | 44  | 5220.0094 | 5220.0094 | -0.0094 |
|   |                        |                          | 46  | 5230.0077 | 5230.0077 | -0.0077 |
|   |                        |                          | 48  | 5240.0082 | 5240.0082 | -0.0082 |
|   |                        |                          | 52  | 5260.0076 | 5260.0076 | -0.0076 |
|   |                        |                          | 54  | 5270.0093 | 5270.0093 | -0.0093 |
|   | $T_{min}$ (10) $^{0}C$ | V                        | 60  | 5300.0084 | 5300.0084 | -0.0084 |
|   | 1 min (-10) C          | v max (120.5)v           | 62  | 5310.0097 | 5310.0097 | -0.0097 |
|   |                        |                          | 64  | 5320.0100 | 5320.0100 | -0.0100 |
|   |                        |                          | 100 | 5500.0067 | 5500.0067 | -0.0067 |
|   |                        |                          | 102 | 5510.0074 | 5510.0074 | -0.0074 |
|   |                        |                          | 110 | 5550.0088 | 5550.0088 | -0.0088 |
|   |                        |                          | 116 | 5580.0094 | 5580.0094 | -0.0094 |
|   |                        |                          | 134 | 5670.0084 | 5670.0084 | -0.0084 |
|   |                        |                          | 140 | 5700.0086 | 5700.0086 | -0.0086 |

|                |              | 36           | 5180.0064                  | 5180.0064          | -0.0064   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|----------------|--------------|--------------|----------------------------|--------------------|-----------|-----------|-----------|---------|----|-----------|-----------|-----------|-----------|---------|--|--|--|----|-----------|-----------|---------|
|                |              | 38           | 5190.0078                  | 5190.0078          | -0.0078   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              |              |                            | -                  | -         |           |           |         |    |           |           |           |           |         |  |  |  | 44 | 5220.0094 | 5220.0094 | -0.0094 |
|                |              |              |                            |                    |           |           |           |         | 46 | 5230.0077 | 5230.0077 | -0.0077   |           |         |  |  |  |    |           |           |         |
|                |              | 48           | 5240.0082                  | 5240.0082          | -0.0082   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              | 52           | 5260.0076                  | 5260.0076          | -0.0076   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                | Vmin (93.5)V | 54           | 5270.0093                  | 5270.0093          | -0.0093   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
| Tmin $(10)$ °C |              | Vmin (93.5)V | $V_{min}$ (02.5) $V_{min}$ | $V_{min} (02.5) V$ | 60        | 5300.0084 | 5300.0084 | -0.0084 |    |           |           |           |           |         |  |  |  |    |           |           |         |
| 1 mm (-10) C   |              |              | 62                         | 5310.0097          | 5310.0097 | -0.0097   |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              |              | 64                         | 5320.0100          | 5320.0100 | -0.0100   |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              | 100          | 5500.0067                  | 5500.0067          | -0.0067   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              | 102          | 5510.0074                  | 5510.0074          | -0.0074   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              |              |                            |                    |           |           |           |         |    |           | 110       | 5550.0088 | 5550.0088 | -0.0088 |  |  |  |    |           |           |         |
|                |              | 116          | 5580.0094                  | 5580.0094          | -0.0094   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              | 134          | 5670.0084                  | 5670.0084          | -0.0084   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |
|                |              | 140          | 5700.0086                  | 5700.0086          | -0.0086   |           |           |         |    |           |           |           |           |         |  |  |  |    |           |           |         |

| Test C           | onditions     | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|------------------|---------------|---------|-----------------|-----------------|----------|
|                  |               | 42ac80  | 5210.0000       | 5210.0123       | -0.0123  |
|                  |               | 58ac80  | 5290.0000       | 5290.0096       | -0.0096  |
| T (20) %C        |               | 106ac80 | 5530.0000       | 5530.0059       | -0.0059  |
| Tnom (20) °C     | vnom (110)v   | 138ac80 | 5690.0000       | 5690.0088       | -0.0088  |
|                  |               | 142F    | 5710.0000       | 5710.0037       | -0.0037  |
|                  |               | 144     | 5720.0000       | 5720.0079       | -0.0079  |
| Test C           | onditions     | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|                  |               | 42ac80  | 5210.0000       | 5210.0098       | -0.0098  |
|                  |               | 58ac80  | 5290.0000       | 5290.0088       | -0.0088  |
| T                | V             | 106ac80 | 5530.0000       | 5530.0055       | -0.0055  |
| 1 max (50) °C    | Vmax (126.5)V | 138ac80 | 5690.0000       | 5690.0073       | -0.0073  |
|                  |               | 142F    | 5710.0000       | 5710.0066       | -0.0066  |
|                  |               | 144     | 5720.0000       | 5720.0088       | -0.0088  |
| Test C           | onditions     | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|                  |               | 42ac80  | 5210.0000       | 5210.0098       | -0.0098  |
|                  |               | 58ac80  | 5290.0000       | 5290.0088       | -0.0088  |
| $T_{max}(50)$ %C | Varia (02.5)V | 106ac80 | 5530.0000       | 5530.0055       | -0.0055  |
| 1 max (50) °C    | v min (93.5)V | 138ac80 | 5690.0000       | 5690.0073       | -0.0073  |
|                  |               | 142F    | 5710.0000       | 5710.0066       | -0.0066  |
|                  |               | 144     | 5720.0000       | 5720.0088       | -0.0088  |

| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|-----------------|---------------|---------|-----------------|-----------------|----------|
| Tmin (0) °C     | Vmax (126.5)V | 42ac80  | 5210.0000       | 5210.0110       | -0.0110  |
|                 |               | 58ac80  | 5290.0000       | 5290.0099       | -0.0099  |
|                 |               | 106ac80 | 5530.0000       | 5530.0067       | -0.0067  |
|                 |               | 138ac80 | 5690.0000       | 5690.0093       | -0.0093  |
|                 |               | 142F    | 5710.0000       | 5710.0082       | -0.0082  |
|                 |               | 144     | 5720.0000       | 5720.0069       | -0.0069  |
| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
| Tmin (0) °C     | Vmin (93.5)V  | 42ac80  | 5210.0000       | 5210.0110       | -0.0110  |
|                 |               | 58ac80  | 5290.0000       | 5290.0099       | -0.0099  |
|                 |               | 106ac80 | 5530.0000       | 5530.0067       | -0.0067  |
|                 |               | 138ac80 | 5690.0000       | 5690.0093       | -0.0093  |
|                 |               | 142F    | 5710.0000       | 5710.0082       | -0.0082  |
|                 |               | 144     | 5720.0000       | 5720.0069       | -0.0069  |

| Ch | ain | B |
|----|-----|---|
|    |     |   |

| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|-----------------|---------------|---------|-----------------|-----------------|----------|
| Tnom (20) °C    |               | 36      | 5180.0065       | 5180.0065       | -0.0065  |
|                 |               | 38      | 5190.0040       | 5190.0040       | -0.0040  |
|                 |               | 44      | 5220.0077       | 5220.0077       | -0.0077  |
|                 | Vnom (110)V   | 46      | 5230.0067       | 5230.0067       | -0.0067  |
|                 |               | 48      | 5240.0074       | 5240.0074       | -0.0074  |
|                 |               | 52      | 5260.0084       | 5260.0084       | -0.0084  |
|                 |               | 54      | 5270.0077       | 5270.0077       | -0.0077  |
|                 |               | 60      | 5300.0059       | 5300.0059       | -0.0059  |
|                 |               | 62      | 5310.0057       | 5310.0057       | -0.0057  |
|                 |               | 64      | 5320.0030       | 5320.0030       | -0.0030  |
|                 |               | 100     | 5500.0090       | 5500.0090       | -0.0090  |
|                 |               | 102     | 5510.0100       | 5510.0100       | -0.0100  |
|                 |               | 110     | 5550.0098       | 5550.0098       | -0.0098  |
|                 |               | 116     | 5580.0096       | 5580.0096       | -0.0096  |
|                 |               | 134     | 5670.0080       | 5670.0080       | -0.0080  |
|                 |               | 140     | 5700.0086       | 5700.0086       | -0.0086  |
|                 | Vmax (126.5)V | 36      | 5180.0069       | 5180.0069       | -0.0069  |
|                 |               | 38      | 5190.0041       | 5190.0041       | -0.0041  |
|                 |               | 44      | 5220.0077       | 5220.0077       | -0.0077  |
|                 |               | 46      | 5230.0069       | 5230.0069       | -0.0069  |
| Tmax (50) °C    |               | 48      | 5240.0064       | 5240.0064       | -0.0064  |
|                 |               | 52      | 5260.0078       | 5260.0078       | -0.0078  |
|                 |               | 54      | 5270.0073       | 5270.0073       | -0.0073  |
|                 |               | 60      | 5300.0060       | 5300.0060       | -0.0060  |
|                 |               | 62      | 5310.0080       | 5310.0080       | -0.0080  |
|                 |               | 64      | 5320.0069       | 5320.0069       | -0.0069  |
|                 |               | 100     | 5500.0071       | 5500.0071       | -0.0071  |
|                 |               | 102     | 5510.0061       | 5510.0061       | -0.0061  |
|                 |               | 110     | 5550.0097       | 5550.0097       | -0.0097  |
|                 |               | 116     | 5580.0093       | 5580.0093       | -0.0093  |
|                 |               | 134     | 5670.0080       | 5670.0080       | -0.0080  |
|                 |               | 140     | 5700.0074       | 5700.0074       | -0.0074  |

| T. (50) %C     |               | 36  | 5180.0063 | 5180.0063 | -0.0063 |
|----------------|---------------|-----|-----------|-----------|---------|
|                |               | 38  | 5190.0074 | 5190.0074 | -0.0074 |
|                |               | 44  | 5220.0087 | 5220.0087 | -0.0087 |
|                |               | 46  | 5230.0070 | 5230.0070 | -0.0070 |
|                |               | 48  | 5240.0063 | 5240.0063 | -0.0063 |
|                |               | 52  | 5260.0077 | 5260.0077 | -0.0077 |
|                |               | 54  | 5270.0090 | 5270.0090 | -0.0090 |
|                | Varia (02.5)V | 60  | 5300.0084 | 5300.0084 | -0.0084 |
| $1 \max(50)$ C | Vmin (93.5)V  | 62  | 5310.0060 | 5310.0060 | -0.0060 |
|                |               | 64  | 5320.0072 | 5320.0072 | -0.0072 |
|                |               | 100 | 5500.0072 | 5500.0072 | -0.0072 |
|                |               | 102 | 5510.0077 | 5510.0077 | -0.0077 |
|                |               | 110 | 5550.0097 | 5550.0097 | -0.0097 |
|                |               | 116 | 5580.0099 | 5580.0099 | -0.0099 |
|                |               | 134 | 5670.0087 | 5670.0087 | -0.0087 |
|                |               | 140 | 5700.0079 | 5700.0079 | -0.0079 |
|                |               | 36  | 5180.0061 | 5180.0061 | -0.0061 |
|                |               | 38  | 5190.0077 | 5190.0077 | -0.0077 |
|                |               | 44  | 5220.0091 | 5220.0091 | -0.0091 |
|                | Vmax (126.5)V | 46  | 5230.0077 | 5230.0077 | -0.0077 |
|                |               | 48  | 5240.0080 | 5240.0080 | -0.0080 |
| Tmin (-10) °C  |               | 52  | 5260.0071 | 5260.0071 | -0.0071 |
|                |               | 54  | 5270.0090 | 5270.0090 | -0.0090 |
|                |               | 60  | 5300.0081 | 5300.0081 | -0.0081 |
|                |               | 62  | 5310.0094 | 5310.0094 | -0.0094 |
|                |               | 64  | 5320.0094 | 5320.0094 | -0.0094 |
|                |               | 100 | 5500.0065 | 5500.0065 | -0.0065 |
|                |               | 102 | 5510.0071 | 5510.0071 | -0.0071 |
|                |               | 110 | 5550.0087 | 5550.0087 | -0.0087 |
|                |               | 116 | 5580.0092 | 5580.0092 | -0.0092 |
|                |               | 134 | 5670.0083 | 5670.0083 | -0.0083 |
|                |               | 140 | 5700.0085 | 5700.0085 | -0.0085 |
## **QuieTek**

| Tmin (-10) °C V | Vmin (93.5)V | 36  | 5180.6300 | 5180.6300 | -0.6300 |
|-----------------|--------------|-----|-----------|-----------|---------|
|                 |              | 38  | 5190.0075 | 5190.0075 | -0.0075 |
|                 |              | 44  | 5220.0084 | 5220.0084 | -0.0084 |
|                 |              | 46  | 5230.0080 | 5230.0080 | -0.0080 |
|                 |              | 48  | 5240.0087 | 5240.0087 | -0.0087 |
|                 |              | 52  | 5260.0075 | 5260.0075 | -0.0075 |
|                 |              | 54  | 5270.0089 | 5270.0089 | -0.0089 |
|                 |              | 60  | 5300.7700 | 5300.7700 | -0.7700 |
|                 |              | 62  | 5310.0090 | 5310.0090 | -0.0090 |
|                 |              | 64  | 5320.0097 | 5320.0097 | -0.0097 |
|                 |              | 100 | 5500.0079 | 5500.0079 | -0.0079 |
|                 |              | 102 | 5510.0066 | 5510.0066 | -0.0066 |
|                 |              | 110 | 5550.0074 | 5550.0074 | -0.0074 |
|                 |              | 116 | 5580.0089 | 5580.0089 | -0.0089 |
|                 |              | 134 | 5670.0077 | 5670.0077 | -0.0077 |
|                 |              | 140 | 5700.0086 | 5700.0086 | -0.0086 |

## **QuieTek**

| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|-----------------|---------------|---------|-----------------|-----------------|----------|
| Tnom (20) °C    | Vnom (110)V   | 42ac80  | 5210.0000       | 5210.0220       | -0.0220  |
|                 |               | 58ac80  | 5290.0000       | 5290.0046       | -0.0046  |
|                 |               | 106ac80 | 5530.0000       | 5530.0024       | -0.0024  |
|                 |               | 138ac80 | 5690.0000       | 5690.0046       | -0.0046  |
|                 |               | 142F    | 5710.0000       | 5710.0029       | -0.0029  |
|                 |               | 144     | 5720.0000       | 5720.0064       | -0.0064  |
| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
| Tmax (50) °C    | Vmax (126.5)V | 42ac80  | 5210.0000       | 5210.0024       | -0.0024  |
|                 |               | 58ac80  | 5290.0000       | 5290.0046       | -0.0046  |
|                 |               | 106ac80 | 5530.0000       | 5530.0016       | -0.0016  |
|                 |               | 138ac80 | 5690.0000       | 5690.0064       | -0.0064  |
|                 |               | 142F    | 5710.0000       | 5710.0044       | -0.0044  |
|                 |               | 144     | 5720.0000       | 5720.0037       | -0.0037  |
| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
| Tmax (50) °C    | Vmin (93.5)V  | 42ac80  | 5210.0000       | 5210.0024       | -0.0024  |
|                 |               | 58ac80  | 5290.0000       | 5290.0046       | -0.0046  |
|                 |               | 106ac80 | 5530.0000       | 5530.0036       | -0.0036  |
|                 |               | 138ac80 | 5690.0000       | 5690.0027       | -0.0027  |
|                 |               | 142F    | 5710.0000       | 5710.0046       | -0.0046  |
|                 |               | 144     | 5720.0000       | 5720.0033       | -0.0033  |

## **QuieTek**

| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
|-----------------|---------------|---------|-----------------|-----------------|----------|
| Tmin (0) °C     | Vmax (126.5)V | 42ac80  | 5210.0000       | 5210.0024       | -0.0024  |
|                 |               | 58ac80  | 5290.0000       | 5290.0046       | -0.0046  |
|                 |               | 106ac80 | 5530.0000       | 5530.0025       | -0.0025  |
|                 |               | 138ac80 | 5690.0000       | 5690.0017       | -0.0017  |
|                 |               | 142F    | 5710.0000       | 5710.0039       | -0.0039  |
|                 |               | 144     | 5720.0000       | 5720.0047       | -0.0047  |
| Test Conditions |               | Channel | Frequency (MHz) | Frequency (MHz) | △F (MHz) |
| Tmin (0) °C     | Vmin (93.5)V  | 42ac80  | 5210.0000       | 5210.0024       | -0.0024  |
|                 |               | 58ac80  | 5290.0000       | 5290.0046       | -0.0046  |
|                 |               | 106ac80 | 5530.0000       | 5530.0026       | -0.0026  |
|                 |               | 138ac80 | 5690.0000       | 5690.0021       | -0.0021  |
|                 |               | 142F    | 5710.0000       | 5710.0036       | -0.0036  |
|                 |               | 144     | 5720.0000       | 5720.0039       | -0.0039  |

## 9. EMI Reduction Method During Compliance Testing

No modification was made during testing.