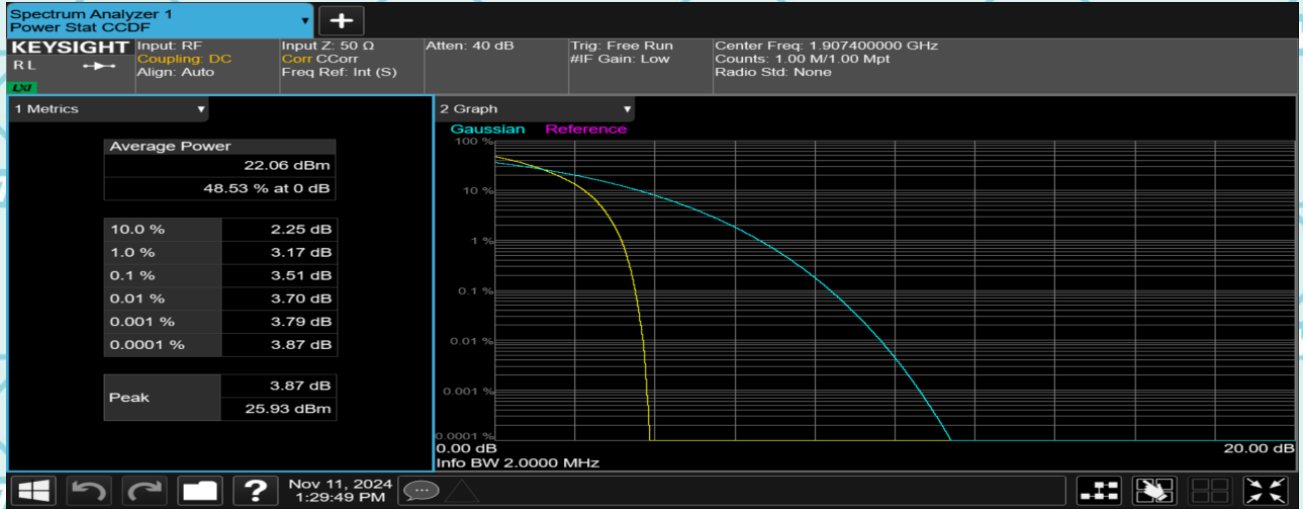
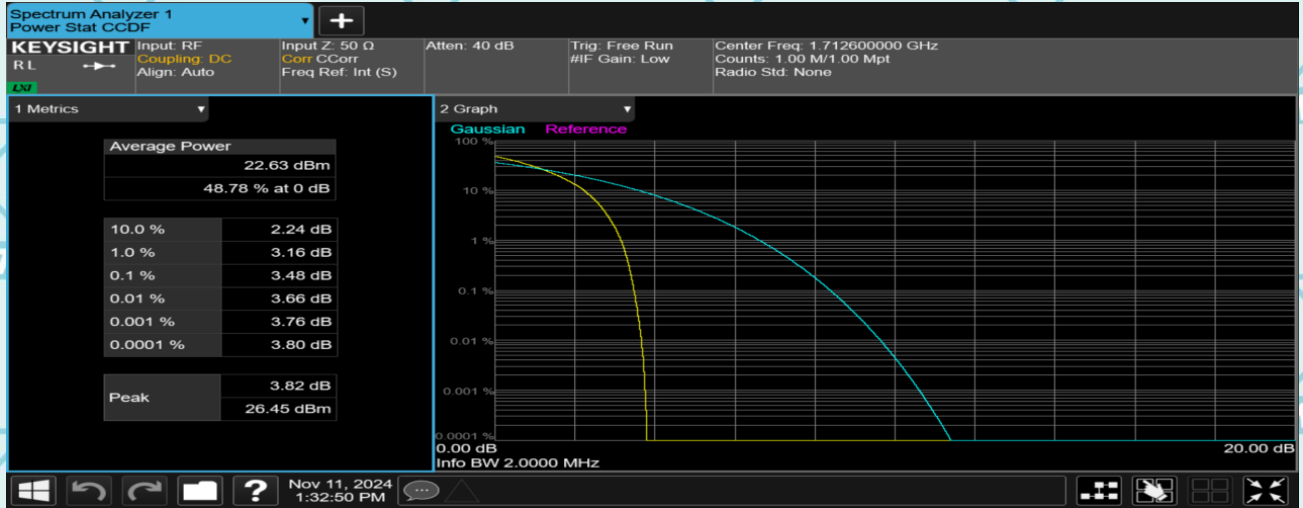


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## Band2 9538

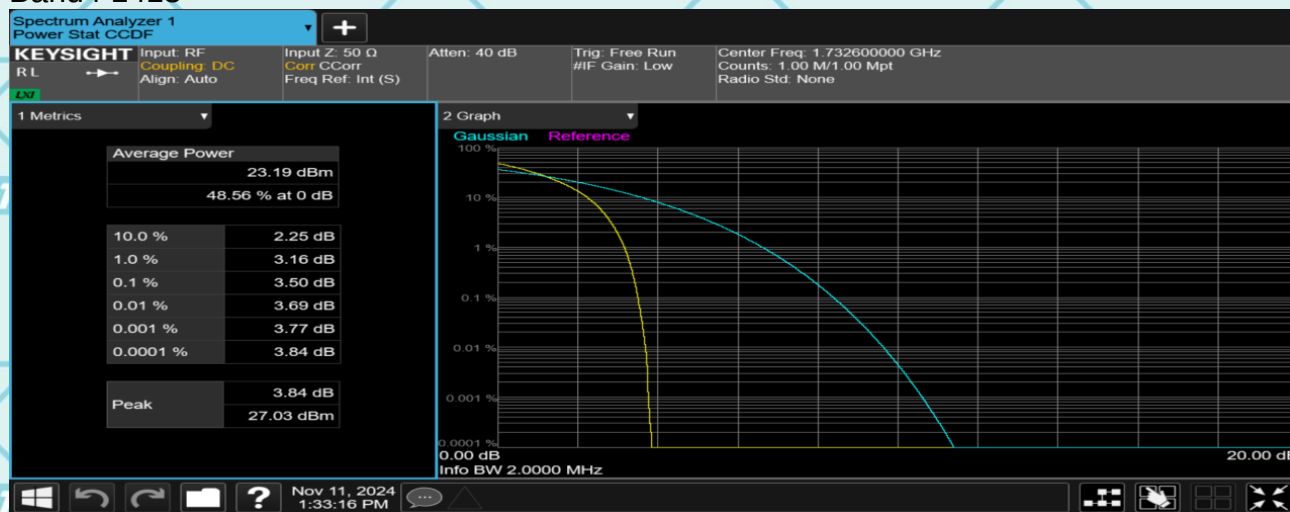


## Band4 1312

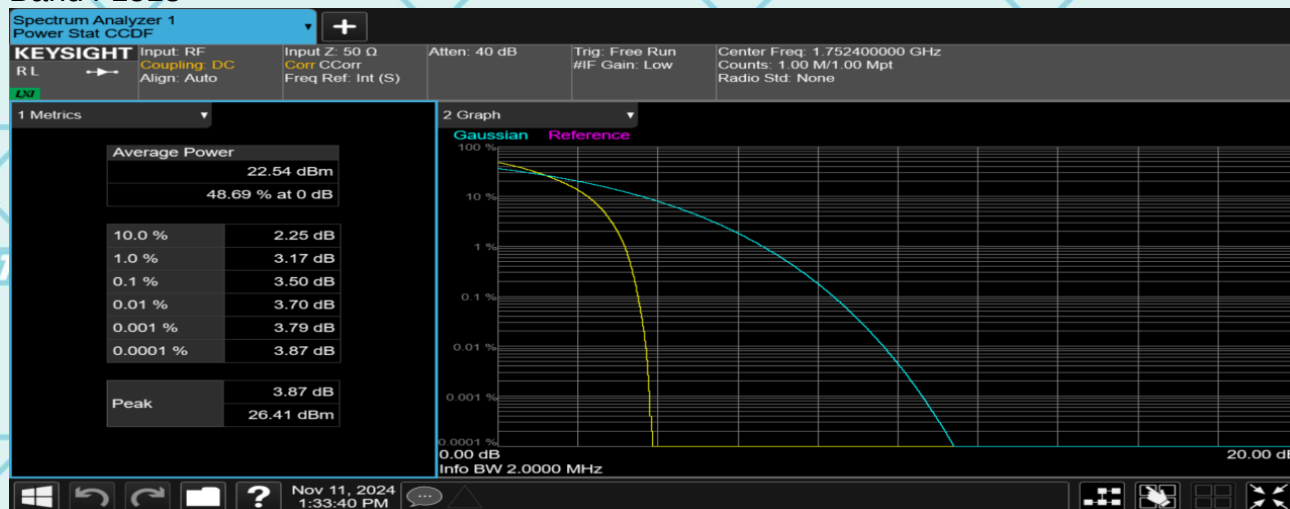


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## Band4 1413

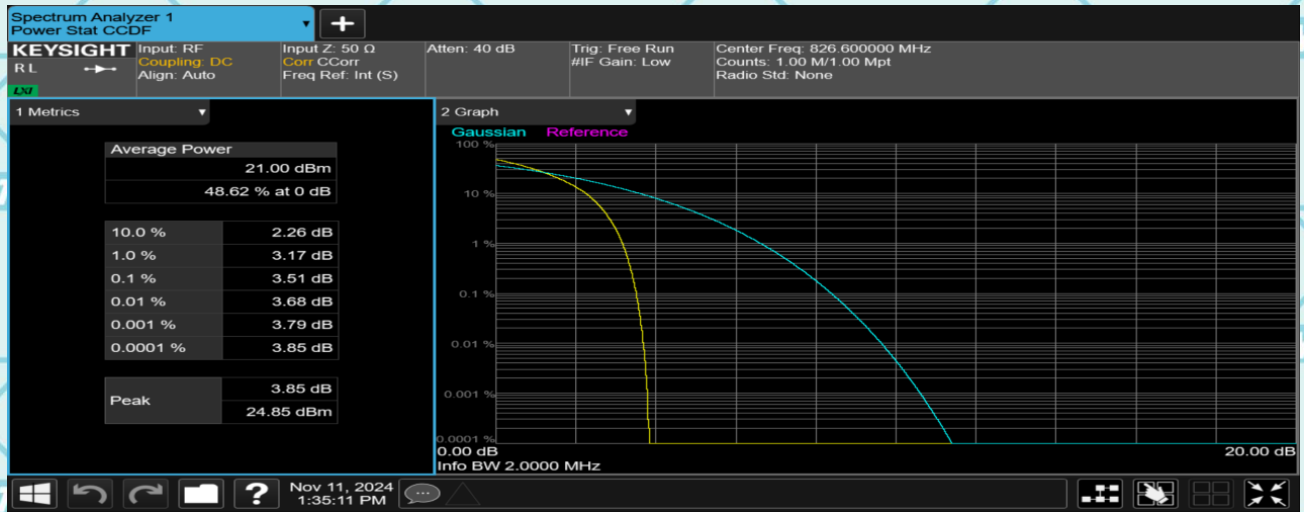


## Band4 1513

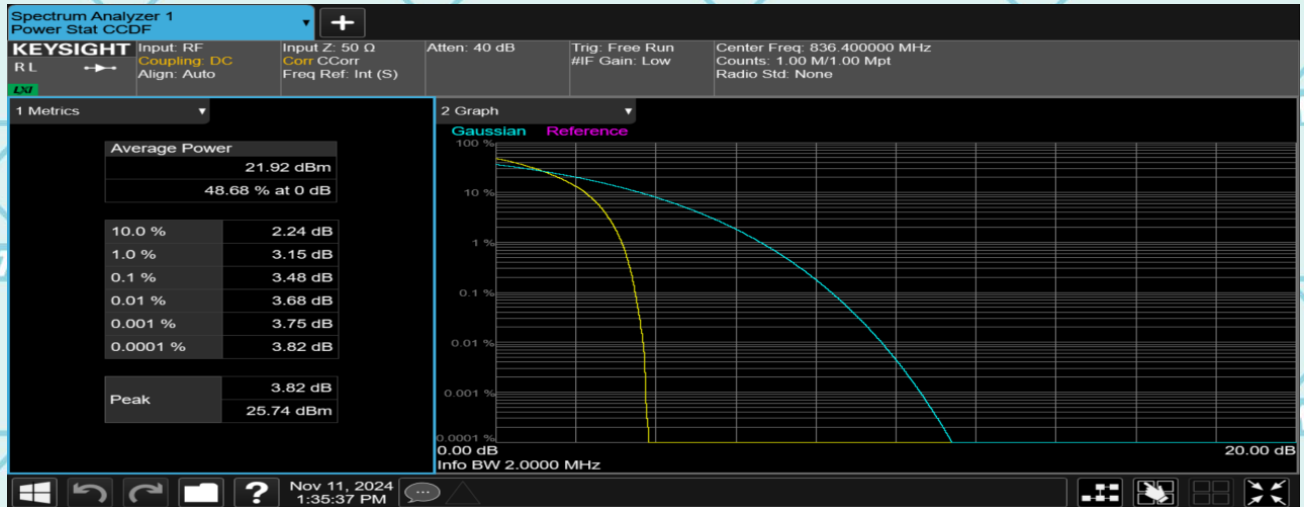


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## Band5 4132

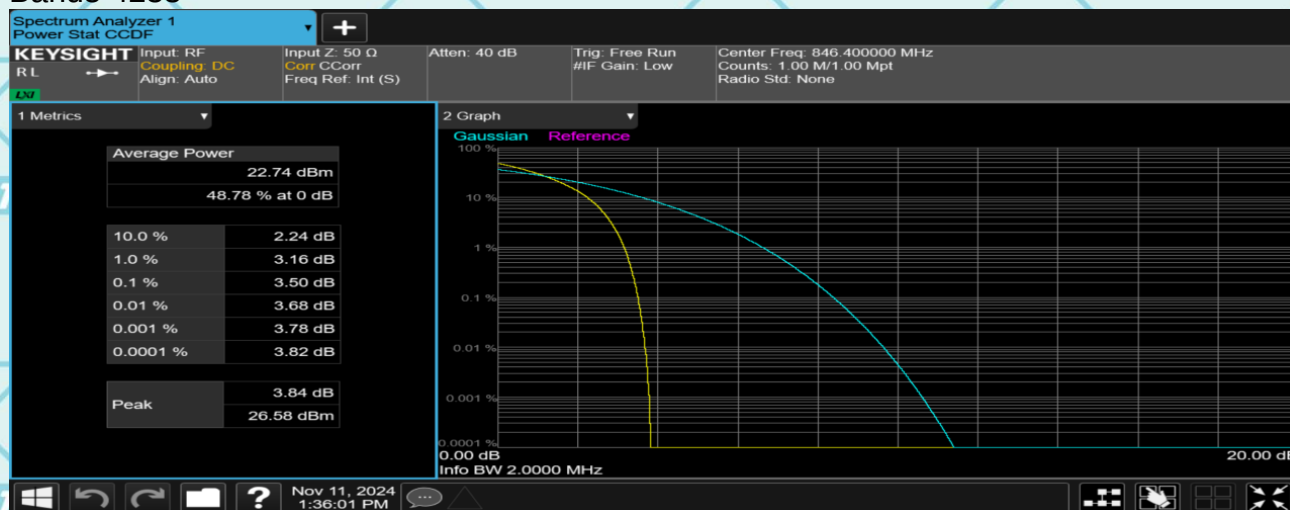


## Band5 4182



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## Band5 4233



Note: Please refer to Annex (LTE Chapter 2 Peak-to-Average Ratio) for more test data

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## 8. SPURIOUS EMISSION (Conducted and Radiated)

### 8.1. Measurement Result (Pre-measurement)

#### GSM850:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 0.2     | 128        | 824.2          | Pass     |
| Middle Range | 0.2     | 190        | 836.6          | Pass     |
| High Range   | 0.2     | 251        | 848.8          | Pass     |

#### PCS 1900 :

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 0.2     | 512        | 1850.2         | Pass     |
| Middle Range | 0.2     | 661        | 1880.0         | Pass     |
| High Range   | 0.2     | 810        | 1909.8         | Pass     |

#### UTRA BANDS

##### Band 2:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 9262       | 1852.4         | Pass     |
| Middle Range | 5       | 9400       | 1880.0         | Pass     |
| High Range   | 5       | 9538       | 1907.6         | Pass     |

##### Band 4:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 1312       | 1712.4         | Pass     |
| Middle Range | 5       | 1413       | 1732.6         | Pass     |
| High Range   | 5       | 1513       | 1752.6         | Pass     |

##### Band 5:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 4132       | 826.4          | Pass     |
| Middle Range | 5       | 4182       | 836.4          | Pass     |
| High Range   | 5       | 4233       | 846.6          | Pass     |

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## E-UTRA BANDS

### Band 2:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 18607      | 1850.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 18607      | 1850.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 18900      | 1880      | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 18900      | 1880      | Q16        | 6       | LOW       | Pass     |
| 1.4       | 19193      | 1909.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 19193      | 1909.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 18615      | 1851.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 18615      | 1851.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 18900      | 1880      | QPSK       | 15      | LOW       | Pass     |
| 3         | 18900      | 1880      | Q16        | 15      | LOW       | Pass     |
| 3         | 19185      | 1908.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 19185      | 1908.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 18625      | 1852.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 18625      | 1852.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 18900      | 1880      | QPSK       | 25      | LOW       | Pass     |
| 5         | 18900      | 1880      | Q16        | 25      | LOW       | Pass     |
| 5         | 19175      | 1907.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 19175      | 1907.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 18650      | 1855      | QPSK       | 50      | LOW       | Pass     |
| 10        | 18650      | 1855      | Q16        | 50      | LOW       | Pass     |
| 10        | 18900      | 1880      | QPSK       | 50      | LOW       | Pass     |
| 10        | 18900      | 1880      | Q16        | 50      | LOW       | Pass     |
| 10        | 19150      | 1905      | QPSK       | 50      | LOW       | Pass     |
| 10        | 19150      | 1905      | Q16        | 50      | LOW       | Pass     |
| 15        | 18675      | 1857.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 18675      | 1857.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 18900      | 1880      | QPSK       | 75      | LOW       | Pass     |
| 15        | 18900      | 1880      | Q16        | 75      | LOW       | Pass     |
| 15        | 19125      | 1902.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 19125      | 1902.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 18700      | 1860      | QPSK       | 100     | LOW       | Pass     |
| 20        | 18700      | 1860      | Q16        | 100     | LOW       | Pass     |
| 20        | 18900      | 1880      | QPSK       | 100     | LOW       | Pass     |
| 20        | 18900      | 1880      | Q16        | 100     | LOW       | Pass     |
| 20        | 19100      | 1900      | QPSK       | 100     | LOW       | Pass     |
| 20        | 19100      | 1900      | Q16        | 100     | LOW       | Pass     |

### Band 4:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 19957      | 1710.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 19957      | 1710.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20175      | 1732.5    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20175      | 1732.5    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20393      | 1754.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20393      | 1754.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 19965      | 1711.5    | QPSK       | 15      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 3         | 19965      | 1711.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 20175      | 1732.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 20175      | 1732.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 20385      | 1753.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 20385      | 1753.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 19975      | 1712.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 19975      | 1712.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 20175      | 1732.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20175      | 1732.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 20375      | 1752.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20375      | 1752.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 20000      | 1715      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20000      | 1715      | Q16        | 50      | LOW       | Pass     |
| 10        | 20175      | 1732.5    | QPSK       | 50      | LOW       | Pass     |
| 10        | 20175      | 1732.5    | Q16        | 50      | LOW       | Pass     |
| 10        | 20350      | 1750      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20350      | 1750      | Q16        | 50      | LOW       | Pass     |
| 15        | 20025      | 1717.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20025      | 1717.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 20175      | 1732.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20175      | 1732.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 20325      | 1747.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20325      | 1747.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 20050      | 1720      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20050      | 1720      | Q16        | 100     | LOW       | Pass     |
| 20        | 20175      | 1732.5    | QPSK       | 100     | LOW       | Pass     |
| 20        | 20175      | 1732.5    | Q16        | 100     | LOW       | Pass     |
| 20        | 20300      | 1745      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20300      | 1745      | Q16        | 100     | LOW       | Pass     |

### Band 5:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 20470      | 824.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20470      | 824.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20525      | 836.5     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20525      | 836.5     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20643      | 848.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20643      | 848.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 20415      | 825.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20415      | 825.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 20525      | 836.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20525      | 836.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 20635      | 847.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20635      | 847.5     | Q16        | 15      | LOW       | Pass     |
| 5         | 20425      | 826.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20425      | 826.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 20525      | 836.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20525      | 836.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 20625      | 846.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20625      | 846.5     | Q16        | 25      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 20450      | 829       | QPSK       | 50      | LOW       | Pass     |
| 10        | 20450      | 829       | Q16        | 50      | LOW       | Pass     |
| 10        | 20525      | 836.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 20525      | 836.5     | Q16        | 50      | LOW       | Pass     |
| 10        | 20600      | 844       | QPSK       | 50      | LOW       | Pass     |
| 10        | 20600      | 844       | Q16        | 50      | LOW       | Pass     |

### Band 7:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 20775      | 2502.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20775      | 2502.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 21100      | 2535      | QPSK       | 25      | LOW       | Pass     |
| 5         | 21100      | 2535      | Q16        | 25      | LOW       | Pass     |
| 5         | 21425      | 2567.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 21425      | 2567.5    | QPSK       | 25      | LOW       | Pass     |
| 10        | 20800      | 2505      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20800      | 2505      | Q16        | 50      | LOW       | Pass     |
| 10        | 21100      | 2535      | QPSK       | 50      | LOW       | Pass     |
| 10        | 21100      | 2535      | Q16        | 50      | LOW       | Pass     |
| 10        | 21400      | 2565      | QPSK       | 50      | LOW       | Pass     |
| 10        | 21400      | 2565      | Q16        | 50      | LOW       | Pass     |
| 15        | 20825      | 2507.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20825      | 2507.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 21100      | 2535      | QPSK       | 75      | LOW       | Pass     |
| 15        | 21100      | 2535      | Q16        | 75      | LOW       | Pass     |
| 15        | 21375      | 2562.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 21375      | 2562.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 20850      | 2510      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20850      | 2510      | Q16        | 100     | LOW       | Pass     |
| 20        | 21100      | 2535      | QPSK       | 100     | LOW       | Pass     |
| 20        | 21100      | 2535      | Q16        | 100     | LOW       | Pass     |
| 20        | 21350      | 2560      | QPSK       | 100     | LOW       | Pass     |
| 20        | 21350      | 2560      | Q16        | 100     | LOW       | Pass     |

### Band 12:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 23017      | 699.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23017      | 699.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 23095      | 707.5     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23095      | 707.5     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 23173      | 715.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23173      | 715.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 23025      | 700.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23025      | 700.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 23095      | 707.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23095      | 707.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 23165      | 714.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23165      | 714.5     | Q16        | 15      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23035      | 701.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23035      | 701.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23095      | 707.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23095      | 707.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23155      | 713.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23155      | 713.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23060      | 704       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23060      | 704       | Q16        | 50      | LOW       | Pass     |
| 10        | 23095      | 707.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 23095      | 707.5     | Q16        | 50      | LOW       | Pass     |
| 10        | 23130      | 711       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23130      | 711       | Q16        | 50      | LOW       | Pass     |

Band 13:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23205      | 779.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23205      | 779.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23230      | 782       | QPSK       | 25      | LOW       | Pass     |
| 5         | 23230      | 782       | Q16        | 25      | LOW       | Pass     |
| 5         | 23255      | 784.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23255      | 784.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23230      | 782       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23230      | 782       | Q16        | 50      | LOW       | Pass     |

Band 17:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23755      | 706.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23755      | 706.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23790      | 710       | QPSK       | 25      | LOW       | Pass     |
| 5         | 23790      | 710       | Q16        | 25      | LOW       | Pass     |
| 5         | 23825      | 713.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23825      | 713.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23780      | 709       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23780      | 709       | Q16        | 50      | LOW       | Pass     |
| 10        | 23790      | 710       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23790      | 710       | Q16        | 50      | LOW       | Pass     |
| 10        | 23800      | 711       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23800      | 711       | Q16        | 50      | LOW       | Pass     |

Band 25:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 26047      | 1850.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26047      | 1850.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 26365      | 1880      | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26365      | 1880      | Q16        | 6       | LOW       | Pass     |
| 1.4       | 26683      | 1909.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26683      | 1909.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 26055      | 1851.5    | QPSK       | 15      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 3         | 26055      | 1851.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 26365      | 1880      | QPSK       | 15      | LOW       | Pass     |
| 3         | 26365      | 1880      | Q16        | 15      | LOW       | Pass     |
| 3         | 26675      | 1908.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 26675      | 1908.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 26065      | 1852.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 26065      | 1852.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 26365      | 1880      | QPSK       | 25      | LOW       | Pass     |
| 5         | 26365      | 1880      | Q16        | 25      | LOW       | Pass     |
| 5         | 26665      | 1907.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 26665      | 1907.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 26090      | 1855      | QPSK       | 50      | LOW       | Pass     |
| 10        | 26090      | 1855      | Q16        | 50      | LOW       | Pass     |
| 10        | 26365      | 1880      | QPSK       | 50      | LOW       | Pass     |
| 10        | 26365      | 1880      | Q16        | 50      | LOW       | Pass     |
| 10        | 26640      | 1905      | QPSK       | 50      | LOW       | Pass     |
| 10        | 26640      | 1905      | Q16        | 50      | LOW       | Pass     |
| 15        | 26115      | 1857.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 26115      | 1857.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 26365      | 1880      | QPSK       | 75      | LOW       | Pass     |
| 15        | 26365      | 1880      | Q16        | 75      | LOW       | Pass     |
| 15        | 26615      | 1902.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 26615      | 1902.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 26140      | 1860      | QPSK       | 100     | LOW       | Pass     |
| 20        | 26140      | 1860      | Q16        | 100     | LOW       | Pass     |
| 20        | 26365      | 1880      | QPSK       | 100     | LOW       | Pass     |
| 20        | 26365      | 1880      | Q16        | 100     | LOW       | Pass     |
| 20        | 26590      | 1900      | QPSK       | 100     | LOW       | Pass     |
| 20        | 26590      | 1900      | Q16        | 100     | LOW       | Pass     |

### Band 26(814-824MHz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 26697      | 814.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26697      | 814.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 26740      | 819       | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26740      | 819       | Q16        | 6       | LOW       | Pass     |
| 1.4       | 26783      | 823.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26783      | 823.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 26705      | 815.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 26705      | 815.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 26740      | 819       | QPSK       | 15      | LOW       | Pass     |
| 3         | 26740      | 819       | Q16        | 15      | LOW       | Pass     |
| 3         | 26775      | 822.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 26775      | 822.5     | Q16        | 15      | LOW       | Pass     |
| 5         | 26715      | 816.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 26715      | 816.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 26740      | 819       | QPSK       | 25      | LOW       | Pass     |
| 5         | 26740      | 819       | Q16        | 25      | LOW       | Pass     |
| 5         | 26765      | 821.5     | QPSK       | 25      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 26765      | 821.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 26740      | 819       | QPSK       | 50      | LOW       | Pass     |
| 10        | 26740      | 819       | Q16        | 50      | LOW       | Pass     |

### Band 26(824-849MHz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 26797      | 824.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26797      | 824.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 26915      | 836.5     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 26915      | 836.5     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 27033      | 848.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 27033      | 848.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 26805      | 825.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 26805      | 825.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 26915      | 836.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 26915      | 836.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 27025      | 847.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 27025      | 847.5     | Q16        | 15      | LOW       | Pass     |
| 5         | 26815      | 826.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 26815      | 826.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 26915      | 836.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 26915      | 836.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 27015      | 846.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 27015      | 846.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 26840      | 829       | QPSK       | 50      | LOW       | Pass     |
| 10        | 26840      | 829       | Q16        | 50      | LOW       | Pass     |
| 10        | 26915      | 836.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 26915      | 836.5     | Q16        | 50      | LOW       | Pass     |
| 10        | 26990      | 844       | QPSK       | 50      | LOW       | Pass     |
| 10        | 26990      | 844       | Q16        | 50      | LOW       | Pass     |
| 15        | 26865      | 831.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 26865      | 831.5     | Q16        | 75      | LOW       | Pass     |
| 15        | 26915      | 836.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 26915      | 836.5     | Q16        | 75      | LOW       | Pass     |
| 15        | 26965      | 841.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 26965      | 841.5     | Q16        | 75      | LOW       | Pass     |

### Band 38:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 37775      | 2572.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 37775      | 2572.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 38000      | 2595      | QPSK       | 25      | LOW       | Pass     |
| 5         | 38000      | 2595      | Q16        | 25      | LOW       | Pass     |
| 5         | 38225      | 2617.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 38225      | 2617.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 37800      | 2575      | QPSK       | 50      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 37800      | 2575      | Q16        | 50      | LOW       | Pass     |
| 10        | 38000      | 2595      | QPSK       | 50      | LOW       | Pass     |
| 10        | 38000      | 2595      | Q16        | 50      | LOW       | Pass     |
| 10        | 38200      | 2615      | QPSK       | 50      | LOW       | Pass     |
| 10        | 38200      | 2615      | Q16        | 50      | LOW       | Pass     |
| 15        | 37825      | 2577.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 37825      | 2577.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 38000      | 2595      | QPSK       | 75      | LOW       | Pass     |
| 15        | 38000      | 2595      | Q16        | 75      | LOW       | Pass     |
| 15        | 38175      | 2612.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 38175      | 2612.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 37850      | 2580      | QPSK       | 100     | LOW       | Pass     |
| 20        | 37850      | 2580      | Q16        | 100     | LOW       | Pass     |
| 20        | 38000      | 2595      | QPSK       | 100     | LOW       | Pass     |
| 20        | 38000      | 2595      | Q16        | 100     | LOW       | Pass     |
| 20        | 38150      | 2610      | QPSK       | 100     | LOW       | Pass     |
| 20        | 38150      | 2610      | Q16        | 100     | LOW       | Pass     |

### Band 41:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 39675      | 2498.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 39675      | 2498.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 40620      | 2593      | QPSK       | 25      | LOW       | Pass     |
| 5         | 40620      | 2593      | Q16        | 25      | LOW       | Pass     |
| 5         | 41565      | 2687.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 41565      | 2687.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 39700      | 2501      | QPSK       | 50      | LOW       | Pass     |
| 10        | 39700      | 2501      | Q16        | 50      | LOW       | Pass     |
| 10        | 40620      | 2593      | QPSK       | 50      | LOW       | Pass     |
| 10        | 40620      | 2593      | Q16        | 50      | LOW       | Pass     |
| 10        | 41540      | 2685      | QPSK       | 50      | LOW       | Pass     |
| 10        | 41540      | 2685      | Q16        | 50      | LOW       | Pass     |
| 15        | 39725      | 2503.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 39725      | 2503.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 40620      | 2593      | QPSK       | 75      | LOW       | Pass     |
| 15        | 40620      | 2593      | Q16        | 75      | LOW       | Pass     |
| 15        | 41515      | 2682.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 41515      | 2682.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 39750      | 2506      | QPSK       | 100     | LOW       | Pass     |
| 20        | 39750      | 2506      | Q16        | 100     | LOW       | Pass     |
| 20        | 40620      | 2593      | QPSK       | 100     | LOW       | Pass     |
| 20        | 40620      | 2593      | Q16        | 100     | LOW       | Pass     |
| 20        | 41490      | 2680      | QPSK       | 100     | LOW       | Pass     |
| 20        | 41490      | 2680      | Q16        | 100     | LOW       | Pass     |

### Band 42(3450-3550Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 42115      | 3452.5    | QPSK       | 25      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 42115      | 3452.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 42590      | 3500      | QPSK       | 25      | LOW       | Pass     |
| 5         | 42590      | 3500      | Q16        | 25      | LOW       | Pass     |
| 5         | 43065      | 3547.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 43065      | 3547.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 42140      | 3455      | QPSK       | 50      | LOW       | Pass     |
| 10        | 42140      | 3455      | Q16        | 50      | LOW       | Pass     |
| 10        | 42590      | 3500      | QPSK       | 50      | LOW       | Pass     |
| 10        | 42590      | 3500      | Q16        | 50      | LOW       | Pass     |
| 10        | 43040      | 3545      | QPSK       | 50      | LOW       | Pass     |
| 10        | 43040      | 3545      | Q16        | 50      | LOW       | Pass     |
| 15        | 42165      | 3457.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 42165      | 3457.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 42590      | 3500      | QPSK       | 75      | LOW       | Pass     |
| 15        | 42590      | 3500      | Q16        | 75      | LOW       | Pass     |
| 15        | 43015      | 3542.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 43015      | 3542.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 42190      | 3460      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42190      | 3460      | Q16        | 100     | LOW       | Pass     |
| 20        | 42590      | 3500      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42590      | 3500      | Q16        | 100     | LOW       | Pass     |
| 20        | 42990      | 3540      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42990      | 3540      | Q16        | 100     | LOW       | Pass     |

### Band 66:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 131979     | 1710.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 131979     | 1710.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 132322     | 1745      | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 132322     | 1745      | Q16        | 6       | LOW       | Pass     |
| 1.4       | 132665     | 1779.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 132665     | 1779.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 131987     | 1711.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 131987     | 1711.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 132322     | 1745      | QPSK       | 15      | LOW       | Pass     |
| 3         | 132322     | 1745      | Q16        | 15      | LOW       | Pass     |
| 3         | 132657     | 1778.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 132657     | 1778.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 131997     | 1712.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 131997     | 1712.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 132322     | 1745      | QPSK       | 25      | LOW       | Pass     |
| 5         | 132322     | 1745      | Q16        | 25      | LOW       | Pass     |
| 5         | 132647     | 1777.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 132647     | 1777.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 132022     | 1715      | QPSK       | 50      | LOW       | Pass     |
| 10        | 132022     | 1715      | Q16        | 50      | LOW       | Pass     |
| 10        | 132322     | 1745      | QPSK       | 50      | LOW       | Pass     |
| 10        | 132322     | 1745      | Q16        | 50      | LOW       | Pass     |
| 10        | 132622     | 1775      | QPSK       | 50      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 132622     | 1775      | Q16        | 50      | LOW       | Pass     |
| 15        | 132047     | 1717.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 132047     | 1717.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 132322     | 1745      | QPSK       | 75      | LOW       | Pass     |
| 15        | 132322     | 1745      | Q16        | 75      | LOW       | Pass     |
| 15        | 132597     | 1772.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 132597     | 1772.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 132072     | 1720      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132072     | 1720      | Q16        | 100     | LOW       | Pass     |
| 20        | 132322     | 1745      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132322     | 1745      | Q16        | 100     | LOW       | Pass     |
| 20        | 132572     | 1770      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132572     | 1770      | Q16        | 100     | LOW       | Pass     |

Test Plot(s)

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## Conducted method

### Test limit:

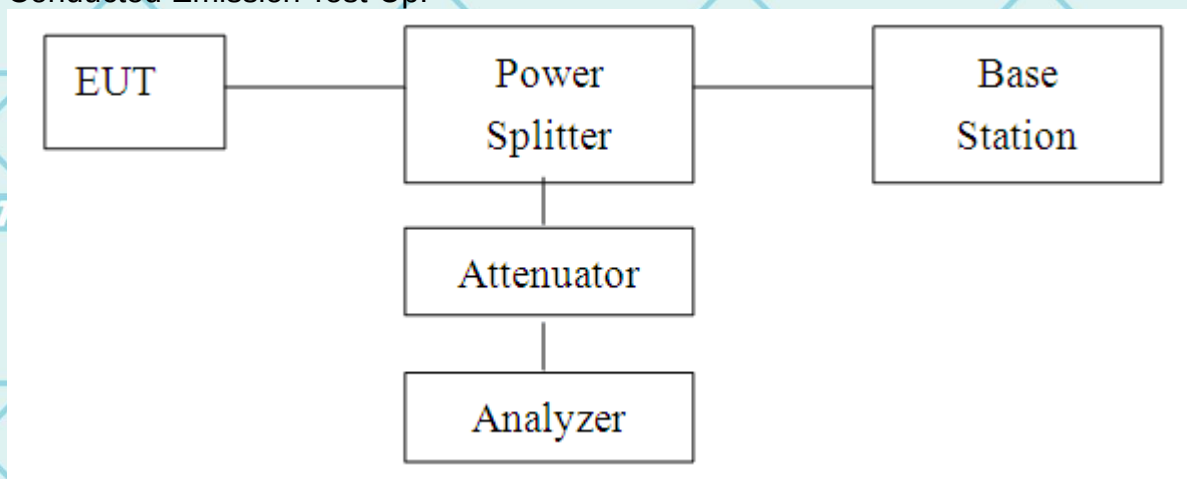
The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least  $X + 10\log(P)$  dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation  $X + 10\log(P)$  being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e.,  $10\log(P) - \{X + 10\log(P)\}$ ], resulting in an absolute level of -X dBW [or  $(-X + 30)$  dBm]. See section 4.

### Test procedure:

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

### Conducted Emission Test-Up:



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## Radiated method

### Test limit:

The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

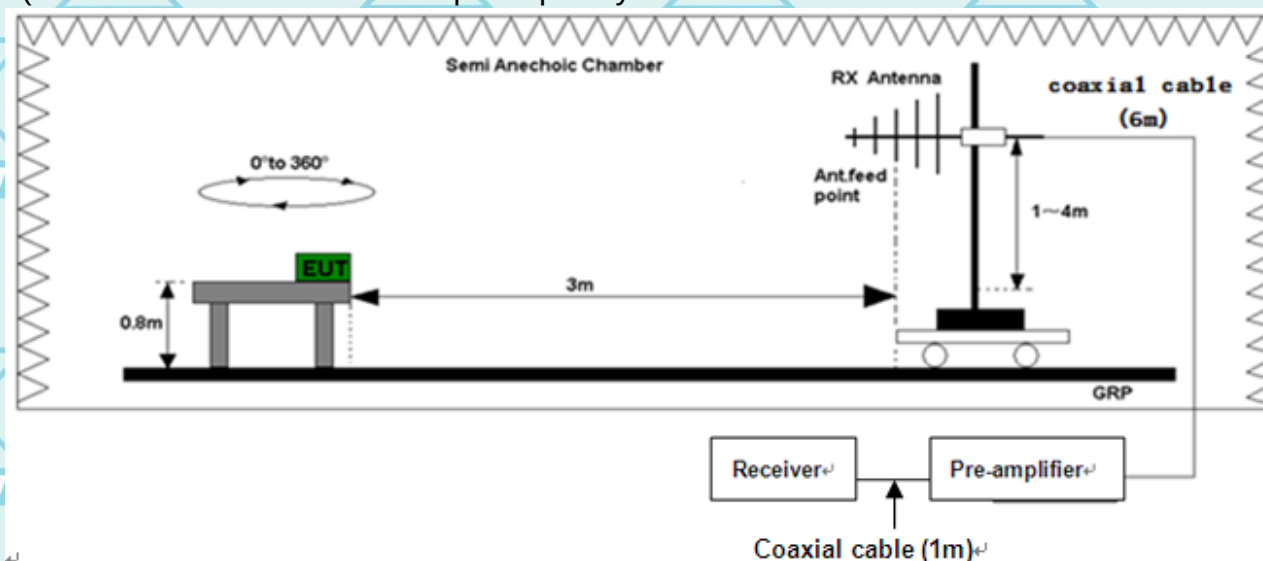
Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least  $X + 10\log(P)$  dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation  $X + 10\log(P)$  being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e.,  $10\log(P) - \{X + 10\log(P)\}$ ], resulting in an absolute level of -X dBW [or  $(-X + 30)$  dBm]. See section 4.

### Test procedure:

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

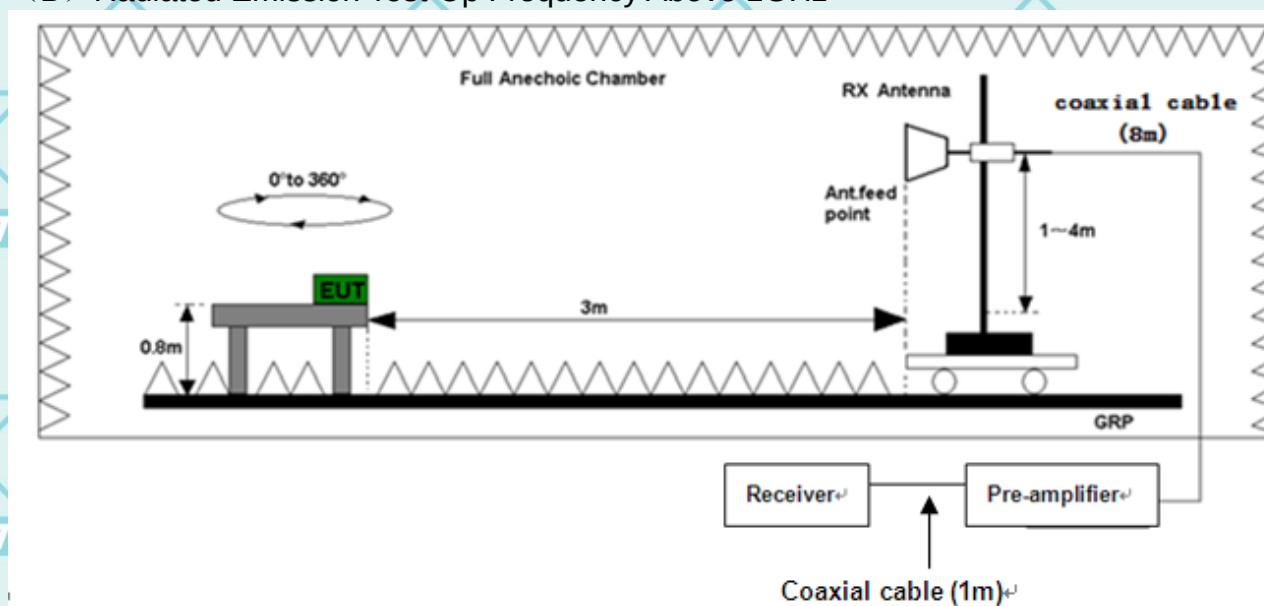
### Test setup:

#### (A) Radiated Emission Test-Up Frequency 30MHz~1GHz



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(B) Radiated Emission Test-Up Frequency Above 1GHz



**Note:**

- 1, Below 30MHz no Spurious found.
- 2, UE is positioned at 3 axis at the pre-scan stage, and only the measurement of the worst case is reported in this part.

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## List of final test modes:

## GSM850:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 190        | 836.6     | Pass     |

## PCS1900

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 661        | 1880      | Pass     |

## UTRA BANDS

## Band 2:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 9400       | 1880      | Pass     |

## Band 4:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 1413       | 1732.6    | Pass     |

## Band 5:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 4182       | 836.4     | Pass     |

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### E-UTRA BANDS

This is the worst pattern data

#### Band 2:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 18900      | 1880      | QPSK       | 100     | LOW       | Pass     |

#### Band 4:

| Mode | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|------|-----------|------------|-----------|------------|---------|-----------|----------|
| 1    | 20        | 20300      | 1745      | Q16        | 100     | LOW       | Pass     |

#### Band 5:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 20525      | 836.5     | QPSK       | 50      | LOW       | Pass     |

#### Band 7:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 21350      | 2560      | QPSK       | 100     | LOW       | Pass     |

#### Band 12:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23095      | 707.5     | QPSK       | 50      | LOW       | Pass     |

#### Band 13:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23230      | 782       | QPSK       | 50      | LOW       | Pass     |

#### Band 17:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23790      | 710       | QPSK       | 50      | LOW       | Pass     |

#### Band 25:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 26365      | 1880      | QPSK       | 100     | LOW       | Pass     |

#### Band26 (814-824MHz):

| Mode | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgement |
|------|-----------|------------|-----------|------------|---------|-----------|-----------|
| 1    | 5         | 26715      | 816.5     | QPSK       | 25      | LOW       | Pass      |
| 2    | 5         | 26740      | 819       | QPSK       | 25      | LOW       | Pass      |
| 3    | 5         | 26765      | 821.5     | QPSK       | 25      | LOW       | Pass      |

#### Band26 (824-849MHz):

| Mode | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgement |
|------|-----------|------------|-----------|------------|---------|-----------|-----------|
| 1    | 15        | 26865      | 831.5     | QPSK       | 25      | LOW       | Pass      |
| 2    | 15        | 26915      | 836.5     | QPSK       | 25      | LOW       | Pass      |
| 3    | 15        | 26965      | 841.5     | QPSK       | 25      | LOW       | Pass      |

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### Band 38:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 38000      | 2595      | QPSK       | 100     | LOW       | Pass     |

### Band 41:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 40620      | 2593      | QPSK       | 100     | LOW       | Pass     |

### Band 66:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 132322     | 1745      | QPSK       | 100     | LOW       | Pass     |

Test record:

Note:

1. The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the  $AR_{pl}$  is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:

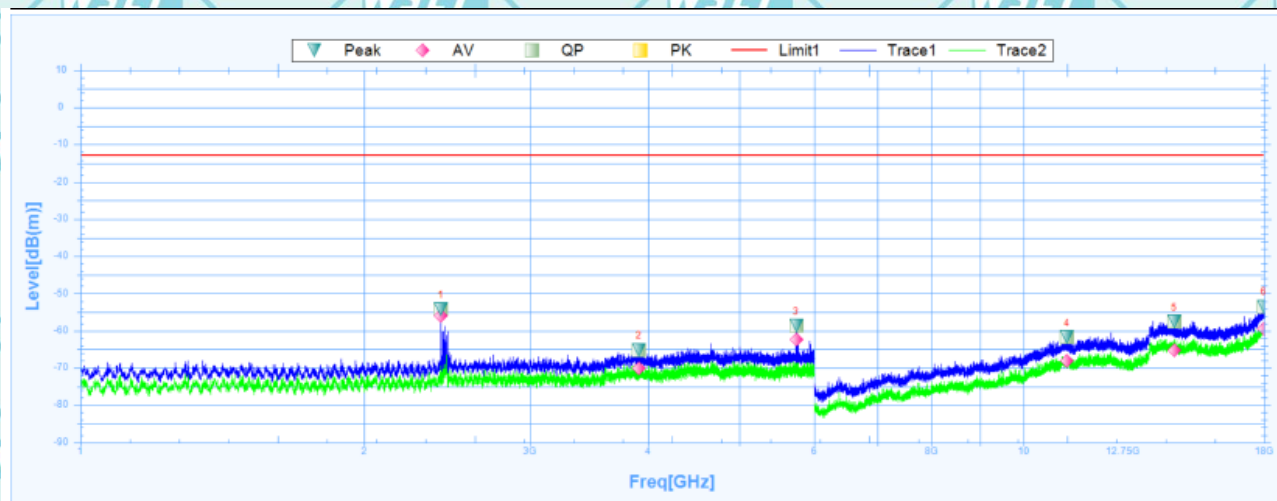
$$\text{Power} = P_{\text{Mea}} + AR_{pl}$$

2.  $AR_{pl} = \text{Cable loss} + \text{Antenna gain}$

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GSM850:

Horizontal:

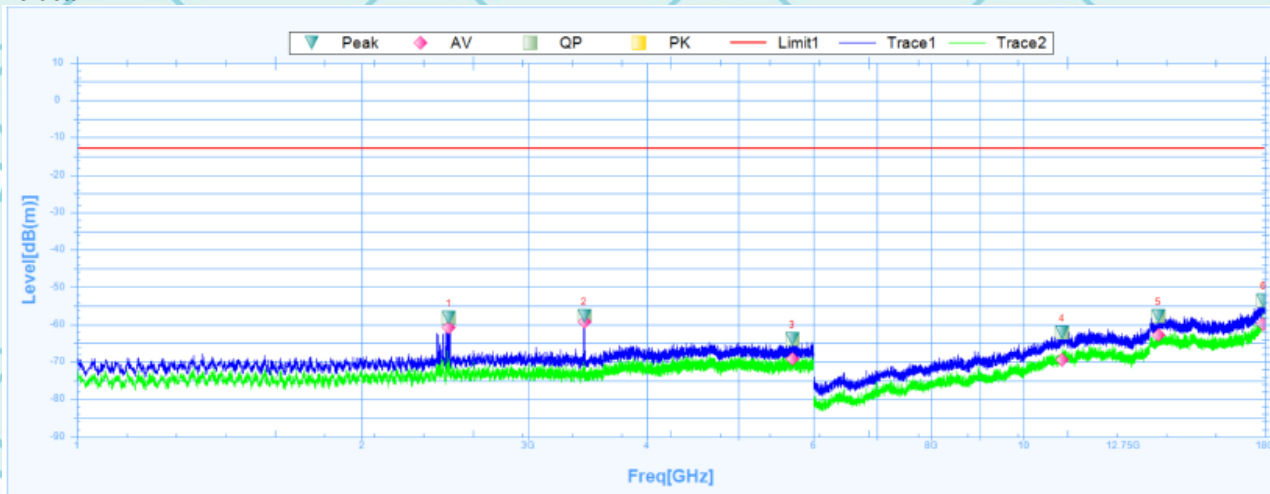


**Suspected Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2411.2500   | -54.24          | 27.3        | -81.54        | -13        | -41.24      | 281.4   | Horizontal | PK    | Pass    |
| 1   | 2411.2500   | -55.98          | 27.3        | -83.28        | 54         | -109.98     | 281.4   | Horizontal | AV    | Pass    |
| 2   | 3910.6250   | -65.15          | 29.49       | -94.64        | -13        | -52.15      | 315     | Horizontal | PK    | Pass    |
| 2   | 3910.6250   | -70.13          | 29.49       | -99.62        | 54         | -124.13     | 315     | Horizontal | AV    | Pass    |
| 3   | 5741.2500   | -58.64          | 32.39       | -91.03        | -13        | -45.64      | 32.8    | Horizontal | PK    | Pass    |
| 3   | 5741.2500   | -62.45          | 32.39       | -94.84        | 54         | -116.45     | 32.8    | Horizontal | AV    | Pass    |
| 4   | 11122.5000  | -61.74          | 15.84       | -77.58        | -13        | -48.74      | 272.2   | Horizontal | PK    | Pass    |
| 4   | 11122.5000  | -68.11          | 15.84       | -83.95        | 54         | -122.11     | 272.2   | Horizontal | AV    | Pass    |
| 5   | 14454.0000  | -57.51          | 18.67       | -76.18        | -13        | -44.51      | 272.2   | Horizontal | PK    | Pass    |
| 5   | 14454.0000  | -65.19          | 18.67       | -83.86        | 54         | -119.19     | 272.2   | Horizontal | AV    | Pass    |
| 6   | 17977.5000  | -53.43          | 23.77       | -77.2         | -13        | -40.43      | 266.2   | Horizontal | PK    | Pass    |
| 6   | 17977.5000  | -59.53          | 23.77       | -83.3         | 54         | -113.53     | 266.2   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2471.2500   | -58.18          | 27.5        | -85.68        | -13        | -45.18      | 225.2   | Vertical | PK    | Pass    |
| 1   | 2471.2500   | -60.74          | 27.5        | -88.24        | 54         | -114.74     | 225.2   | Vertical | AV    | Pass    |
| 2   | 3435.6250   | -57.8           | 28.46       | -86.26        | -13        | -44.8       | 143.9   | Vertical | PK    | Pass    |
| 2   | 3435.6250   | -59.28          | 28.46       | -87.74        | 54         | -113.28     | 143.9   | Vertical | AV    | Pass    |
| 3   | 5699.3750   | -64.01          | 32.32       | -96.33        | -13        | -51.01      | 42.3    | Vertical | PK    | Pass    |
| 3   | 5699.3750   | -69.27          | 32.32       | -101.59       | 54         | -123.27     | 42.3    | Vertical | AV    | Pass    |
| 4   | 10981.5000  | -62.25          | 15.51       | -77.76        | -13        | -49.25      | 11.8    | Vertical | PK    | Pass    |
| 4   | 10981.5000  | -69.52          | 15.51       | -85.03        | 54         | -123.52     | 11.8    | Vertical | AV    | Pass    |
| 5   | 13878.0000  | -57.65          | 18.76       | -76.41        | -13        | -44.65      | 108.5   | Vertical | PK    | Pass    |
| 5   | 13878.0000  | -62.91          | 18.76       | -81.67        | 54         | -116.91     | 108.5   | Vertical | AV    | Pass    |
| 6   | 17928.0000  | -53.5           | 23.44       | -76.94        | -13        | -40.5       | 125.2   | Vertical | PK    | Pass    |
| 6   | 17928.0000  | -59.84          | 23.44       | -83.28        | 54         | -113.84     | 125.2   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

PCS1900:

Horizontal:

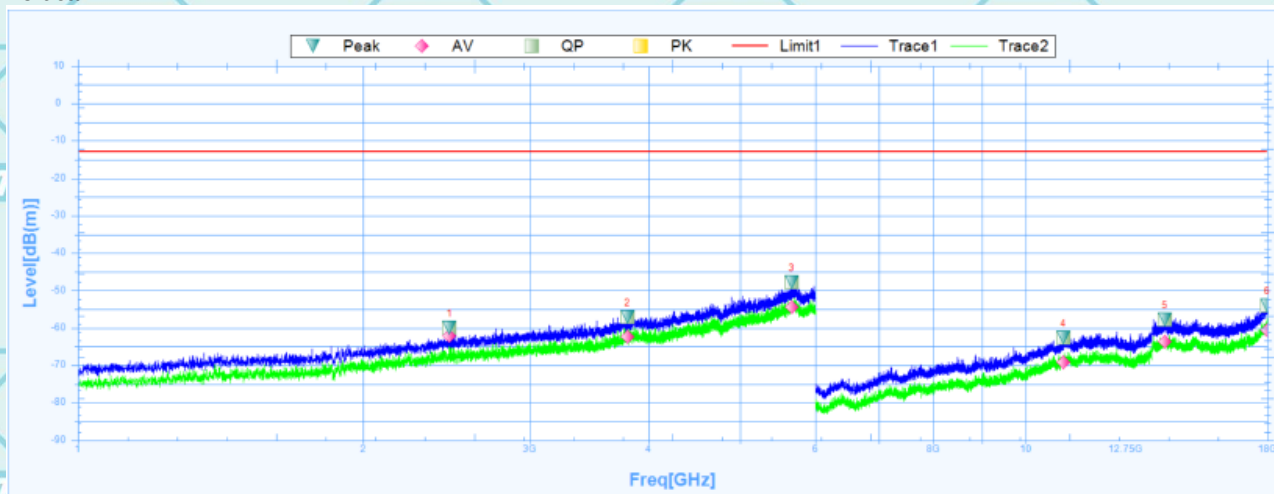


Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2890.6250   | -60.36          | 28.07       | -88.43        | -13        | -47.36      | 261     | Horizontal | PK    | Pass    |
| 1   | 2890.6250   | -66.39          | 28.07       | -94.46        | 54         | -120.39     | 261     | Horizontal | AV    | Pass    |
| 2   | 4462.5000   | -54.85          | 30.53       | -85.38        | -13        | -41.85      | 80.6    | Horizontal | PK    | Pass    |
| 2   | 4462.5000   | -59.55          | 30.53       | -90.08        | 54         | -113.55     | 80.6    | Horizontal | AV    | Pass    |
| 3   | 5694.3750   | -48.34          | 32.31       | -80.65        | -13        | -35.34      | 90.2    | Horizontal | PK    | Pass    |
| 3   | 5694.3750   | -53.46          | 32.31       | -85.77        | 54         | -107.46     | 90.2    | Horizontal | AV    | Pass    |
| 4   | 9706.5000   | -65.65          | 11.64       | -77.29        | -13        | -52.65      | 352.6   | Horizontal | PK    | Pass    |
| 4   | 9706.5000   | -72.51          | 11.64       | -84.15        | 54         | -126.51     | 352.6   | Horizontal | AV    | Pass    |
| 5   | 14125.5000  | -57.77          | 19          | -76.77        | -13        | -44.77      | -0.1    | Horizontal | PK    | Pass    |
| 5   | 14125.5000  | -64.58          | 19          | -83.58        | 54         | -118.58     | -0.1    | Horizontal | AV    | Pass    |
| 6   | 17944.5000  | -54.2           | 23.54       | -77.74        | -13        | -41.2       | 164.6   | Horizontal | PK    | Pass    |
| 6   | 17944.5000  | -60.52          | 23.54       | -84.06        | 54         | -114.52     | 164.6   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2466.8750   | -59.87          | 27.49       | -87.36        | -13        | -46.87      | 306.6   | Vertical | PK    | Pass    |
| 1   | 2466.8750   | -62.26          | 27.49       | -89.75        | 54         | -116.26     | 306.6   | Vertical | AV    | Pass    |
| 2   | 3801.2500   | -57             | 29.22       | -86.22        | -13        | -44         | 87.8    | Vertical | PK    | Pass    |
| 2   | 3801.2500   | -62.31          | 29.22       | -91.53        | 54         | -116.31     | 87.8    | Vertical | AV    | Pass    |
| 3   | 5666.8750   | -47.79          | 32.27       | -80.06        | -13        | -34.79      | 17.3    | Vertical | PK    | Pass    |
| 3   | 5666.8750   | -54.4           | 32.27       | -86.67        | 54         | -108.4      | 17.3    | Vertical | AV    | Pass    |
| 4   | 10963.5000  | -62.51          | 15.41       | -77.92        | -13        | -49.51      | 332.2   | Vertical | PK    | Pass    |
| 4   | 10963.5000  | -69.14          | 15.41       | -84.55        | 54         | -123.14     | 332.2   | Vertical | AV    | Pass    |
| 5   | 14031.0000  | -57.68          | 19.09       | -76.77        | -13        | -44.68      | 45.3    | Vertical | PK    | Pass    |
| 5   | 14031.0000  | -63.74          | 19.09       | -82.83        | 54         | -117.74     | 45.3    | Vertical | AV    | Pass    |
| 6   | 17988.0000  | -54.02          | 23.84       | -77.86        | -13        | -41.02      | 265.3   | Vertical | PK    | Pass    |
| 6   | 17988.0000  | -60.56          | 23.84       | -84.4         | 54         | -114.56     | 265.3   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

UTRA BANDS

Band 2:

Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 3201.8750   | -59.48          | 28.32       | -87.8         | -13        | -46.48      | 309     | Horizontal | PK    | Pass    |
| 1   | 3201.8750   | -64.25          | 28.32       | -92.57        | 54         | -118.25     | 309     | Horizontal | AV    | Pass    |
| 2   | 4681.8750   | -53.48          | 30.96       | -84.44        | -13        | -40.48      | 14.9    | Horizontal | PK    | Pass    |
| 2   | 4681.8750   | -56.22          | 30.96       | -87.18        | 54         | -110.22     | 14.9    | Horizontal | AV    | Pass    |
| 3   | 5725.6250   | -48.15          | 32.36       | -80.51        | -13        | -35.15      | 69.8    | Horizontal | PK    | Pass    |
| 3   | 5725.6250   | -54.81          | 32.36       | -87.17        | 54         | -108.81     | 69.8    | Horizontal | AV    | Pass    |
| 4   | 10639.5000  | -62.93          | 14.47       | -77.4         | -13        | -49.93      | 211.4   | Horizontal | PK    | Pass    |
| 4   | 10639.5000  | -67.4           | 14.47       | -81.87        | 54         | -121.4      | 211.4   | Horizontal | AV    | Pass    |
| 5   | 14116.5000  | -57.8           | 19.01       | -76.81        | -13        | -44.8       | 283     | Horizontal | PK    | Pass    |
| 5   | 14116.5000  | -65.17          | 19.01       | -84.18        | 54         | -119.17     | 283     | Horizontal | AV    | Pass    |
| 6   | 17862.0000  | -53.42          | 23.02       | -76.44        | -13        | -40.42      | 338.9   | Horizontal | PK    | Pass    |
| 6   | 17862.0000  | -60.59          | 23.02       | -83.61        | 54         | -114.59     | 338.9   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1763.1250   | -59.8           | 24.98       | -84.78        | -13        | -46.8       | 38.8    | Vertical | PK    | Pass    |
| 1   | 1763.1250   | -63.06          | 24.98       | -88.04        | 54         | -117.06     | 38.8    | Vertical | AV    | Pass    |
| 2   | 3405.0000   | -49.77          | 28.44       | -78.21        | -13        | -36.77      | 233.6   | Vertical | PK    | Pass    |
| 2   | 3405.0000   | -53.56          | 28.44       | -82           | 54         | -107.56     | 233.6   | Vertical | AV    | Pass    |
| 3   | 5927.5000   | -48.27          | 32.68       | -80.95        | -13        | -35.27      | 271.8   | Vertical | PK    | Pass    |
| 3   | 5927.5000   | -55.04          | 32.68       | -87.72        | 54         | -109.04     | 271.8   | Vertical | AV    | Pass    |
| 4   | 10660.5000  | -63.75          | 14.53       | -78.28        | -13        | -50.75      | 359.5   | Vertical | PK    | Pass    |
| 4   | 10660.5000  | -71.06          | 14.53       | -85.59        | 54         | -125.06     | 359.5   | Vertical | AV    | Pass    |
| 5   | 13693.5000  | -58.44          | 18.24       | -76.68        | -13        | -45.44      | 359.5   | Vertical | PK    | Pass    |
| 5   | 13693.5000  | -64.97          | 18.24       | -83.21        | 54         | -118.97     | 359.5   | Vertical | AV    | Pass    |
| 6   | 17934.0000  | -53.19          | 23.48       | -76.67        | -13        | -40.19      | -0.1    | Vertical | PK    | Pass    |
| 6   | 17934.0000  | -60.23          | 23.48       | -83.71        | 54         | -114.23     | -0.1    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 4:  
Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 3063.1250   | -60.05          | 28.24       | -88.29        | -13        | -47.05      | 1.5     | Horizontal | PK    | Pass    |
| 1   | 3063.1250   | -64.28          | 28.24       | -92.52        | 54         | -118.28     | 1.5     | Horizontal | AV    | Pass    |
| 2   | 4698.1250   | -52.48          | 31          | -83.48        | -13        | -39.48      | 200.1   | Horizontal | PK    | Pass    |
| 2   | 4698.1250   | -57.91          | 31          | -88.91        | 54         | -111.91     | 200.1   | Horizontal | AV    | Pass    |
| 3   | 5986.8750   | -48.22          | 32.78       | -81           | -13        | -35.22      | 62.6    | Horizontal | PK    | Pass    |
| 3   | 5986.8750   | -51.58          | 32.78       | -84.36        | 54         | -105.58     | 62.6    | Horizontal | AV    | Pass    |
| 4   | 11020.5000  | -62.24          | 15.68       | -77.92        | -13        | -49.24      | 239     | Horizontal | PK    | Pass    |
| 4   | 11020.5000  | -68.51          | 15.68       | -84.19        | 54         | -122.51     | 239     | Horizontal | AV    | Pass    |
| 5   | 14113.5000  | -57.61          | 19.01       | -76.62        | -13        | -44.61      | 0.1     | Horizontal | PK    | Pass    |
| 5   | 14113.5000  | -64.29          | 19.01       | -83.3         | 54         | -118.29     | 0.1     | Horizontal | AV    | Pass    |
| 6   | 17973.0000  | -53.29          | 23.74       | -77.03        | -13        | -40.29      | 253.2   | Horizontal | PK    | Pass    |
| 6   | 17973.0000  | -59.14          | 23.74       | -82.88        | 54         | -113.14     | 253.2   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



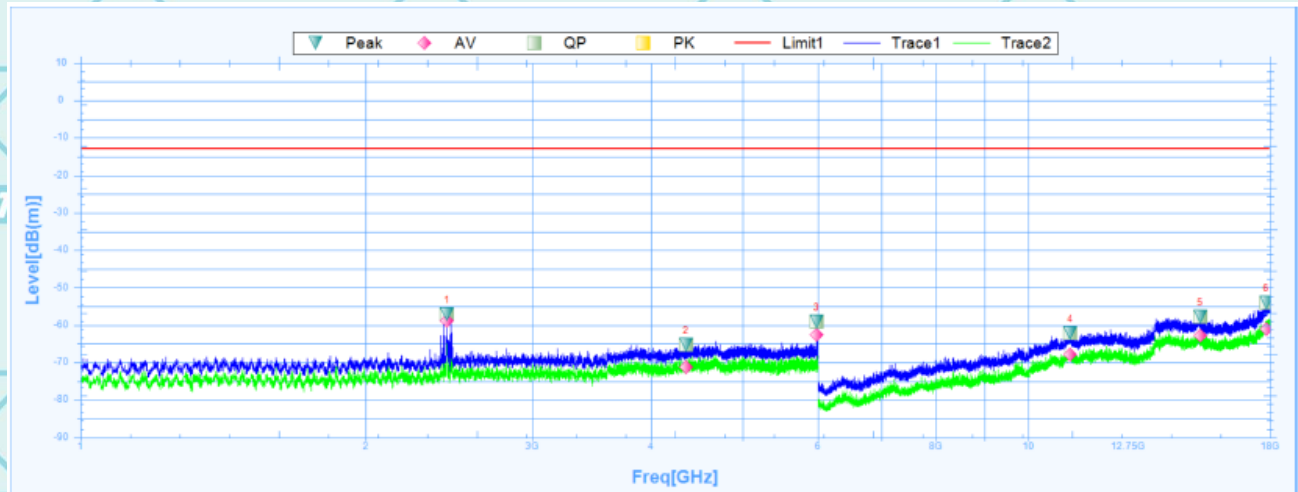
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1743.7500   | -61.29          | 24.97       | -86.26        | -13        | -48.29      | 101     | Vertical | PK    | Pass    |
| 1   | 1743.7500   | -63.08          | 24.97       | -88.05        | 54         | -117.08     | 101     | Vertical | AV    | Pass    |
| 2   | 3406.2500   | -53.81          | 28.44       | -82.25        | -13        | -40.81      | 329.2   | Vertical | PK    | Pass    |
| 2   | 3406.2500   | -55.98          | 28.44       | -84.42        | 54         | -109.98     | 329.2   | Vertical | AV    | Pass    |
| 3   | 5698.7500   | -48.08          | 32.32       | -80.4         | -13        | -35.08      | 305.4   | Vertical | PK    | Pass    |
| 3   | 5698.7500   | -52.84          | 32.32       | -85.16        | 54         | -106.84     | 305.4   | Vertical | AV    | Pass    |
| 4   | 11571.0000  | -62.16          | 16.2        | -78.36        | -13        | -49.16      | 359.1   | Vertical | PK    | Pass    |
| 4   | 11571.0000  | -68.27          | 16.2        | -84.47        | 54         | -122.27     | 359.1   | Vertical | AV    | Pass    |
| 5   | 13978.5000  | -57.43          | 19.06       | -76.49        | -13        | -44.43      | 357.8   | Vertical | PK    | Pass    |
| 5   | 13978.5000  | -62.18          | 19.06       | -81.24        | 54         | -116.18     | 357.8   | Vertical | AV    | Pass    |
| 6   | 17913.0000  | -52.57          | 23.34       | -75.91        | -13        | -39.57      | 145.6   | Vertical | PK    | Pass    |
| 6   | 17913.0000  | -60.35          | 23.34       | -83.69        | 54         | -114.35     | 145.6   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Band 5:

Horizontal:

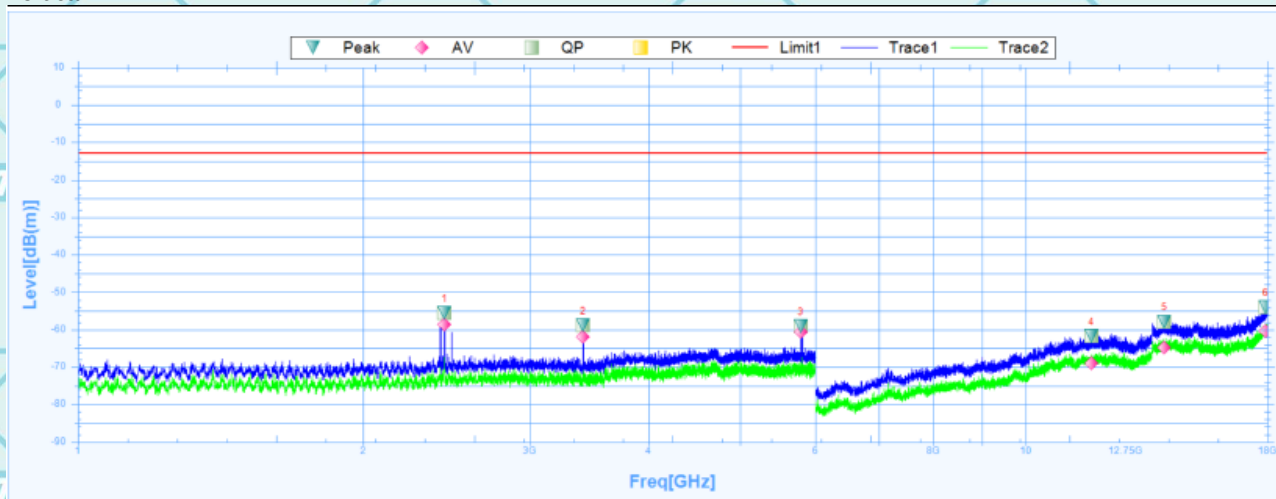


## Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2435.6250   | -57.08          | 27.38       | -84.46        | -13        | -44.08      | 193     | Horizontal | PK    | Pass    |
| 1   | 2435.6250   | -58.76          | 27.38       | -86.14        | 54         | -112.76     | 193     | Horizontal | AV    | Pass    |
| 2   | 4355.6250   | -65.3           | 30.34       | -95.64        | -13        | -52.3       | 3.9     | Horizontal | PK    | Pass    |
| 2   | 4355.6250   | -71.24          | 30.34       | -101.58       | 54         | -125.24     | 3.9     | Horizontal | AV    | Pass    |
| 3   | 5982.5000   | -58.97          | 32.77       | -91.74        | -13        | -45.97      | 81.8    | Horizontal | PK    | Pass    |
| 3   | 5982.5000   | -62.58          | 32.77       | -95.35        | 54         | -116.58     | 81.8    | Horizontal | AV    | Pass    |
| 4   | 11080.5000  | -62.2           | 15.88       | -78.08        | -13        | -49.2       | -0.1    | Horizontal | PK    | Pass    |
| 4   | 11080.5000  | -67.8           | 15.88       | -83.68        | 54         | -121.8      | -0.1    | Horizontal | AV    | Pass    |
| 5   | 15193.5000  | -57.79          | 19.2        | -76.99        | -13        | -44.79      | 345.6   | Horizontal | PK    | Pass    |
| 5   | 15193.5000  | -62.88          | 19.2        | -82.08        | 54         | -116.88     | 345.6   | Horizontal | AV    | Pass    |
| 6   | 17830.5000  | -53.93          | 22.81       | -76.74        | -13        | -40.93      | 61.8    | Horizontal | PK    | Pass    |
| 6   | 17830.5000  | -61.11          | 22.81       | -83.92        | 54         | -115.11     | 61.8    | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Vertical:



Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2436.8750   | -55.49          | 27.39       | -82.88        | -13        | -42.49      | 20      | Vertical | PK    | Pass    |
| 1   | 2436.8750   | -58.63          | 27.39       | -86.02        | 54         | -112.63     | 20      | Vertical | AV    | Pass    |
| 2   | 3414.3750   | -58.75          | 28.45       | -87.2         | -13        | -45.75      | 30.2    | Vertical | PK    | Pass    |
| 2   | 3414.3750   | -61.89          | 28.45       | -90.34        | 54         | -115.89     | 30.2    | Vertical | AV    | Pass    |
| 3   | 5792.5000   | -59.05          | 32.47       | -91.52        | -13        | -46.05      | 359.9   | Vertical | PK    | Pass    |
| 3   | 5792.5000   | -60.52          | 32.47       | -92.99        | 54         | -114.52     | 359.9   | Vertical | AV    | Pass    |
| 4   | 11737.5000  | -61.7           | 16.12       | -77.82        | -13        | -48.7       | 13.5    | Vertical | PK    | Pass    |
| 4   | 11737.5000  | -68.99          | 16.12       | -85.11        | 54         | -122.99     | 13.5    | Vertical | AV    | Pass    |
| 5   | 14013.0000  | -57.86          | 19.11       | -76.97        | -13        | -44.86      | 54.3    | Vertical | PK    | Pass    |
| 5   | 14013.0000  | -64.84          | 19.11       | -83.95        | 54         | -118.84     | 54.3    | Vertical | AV    | Pass    |
| 6   | 17919.0000  | -54.08          | 23.38       | -77.46        | -13        | -41.08      | 172.7   | Vertical | PK    | Pass    |
| 6   | 17919.0000  | -60.41          | 23.38       | -83.79        | 54         | -114.41     | 172.7   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

# **E-UTRA BANDS**

Band 2:

Horizontal:

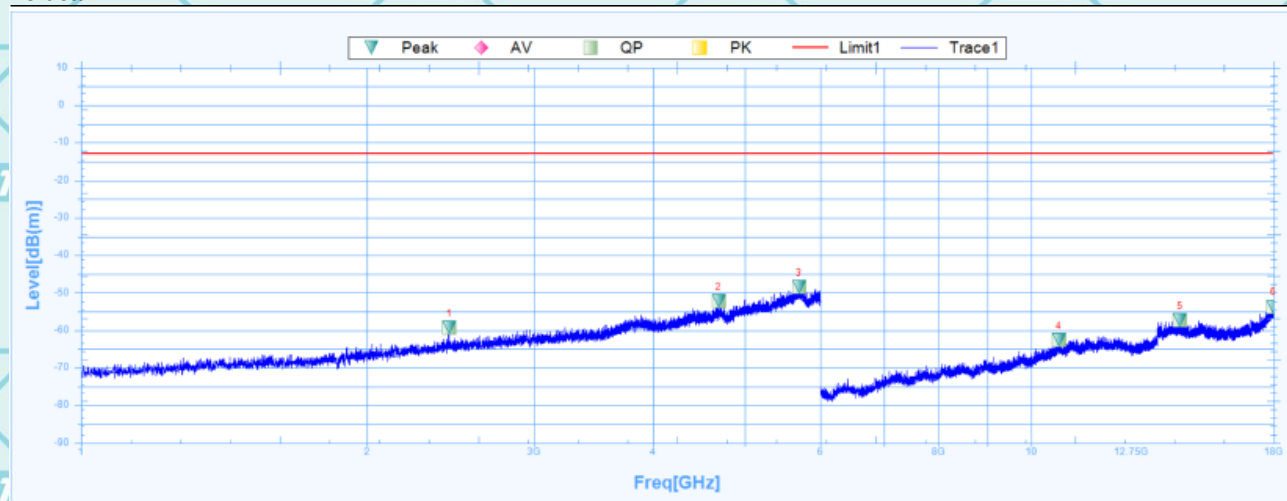


**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2324.3750   | -62.92          | 27          | -89.92        | -13        | -49.92      | 360.1   | Horizontal | PK    | Pass    |
| 1   | 2324.3750   |                 | 27          |               | 54         |             | 360.1   | Horizontal | AV    | Pass    |
| 2   | 3706.8750   | -57             | 29          | -86           | -13        | -44         | 0.5     | Horizontal | PK    | Pass    |
| 2   | 3706.8750   |                 | 29          |               | 54         |             | 0.5     | Horizontal | AV    | Pass    |
| 3   | 5737.5000   | -47.7           | 32.38       | -80.08        | -13        | -34.7       | 252.7   | Horizontal | PK    | Pass    |
| 3   | 5737.5000   |                 | 32.38       |               | 54         |             | 252.7   | Horizontal | AV    | Pass    |
| 4   | 11076.0000  | -62.1           | 15.86       | -77.96        | -13        | -49.1       | 0.9     | Horizontal | PK    | Pass    |
| 4   | 11076.0000  |                 | 15.86       |               | 54         |             | 0.9     | Horizontal | AV    | Pass    |
| 5   | 14296.5000  | -57             | 18.82       | -75.82        | -13        | -44         | 187.5   | Horizontal | PK    | Pass    |
| 5   | 14296.5000  |                 | 18.82       |               | 54         |             | 187.5   | Horizontal | AV    | Pass    |
| 6   | 17910.0000  | -53.18          | 23.33       | -76.51        | -13        | -40.18      | 149.3   | Horizontal | PK    | Pass    |
| 6   | 17910.0000  |                 | 23.33       |               | 54         |             | 149.3   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Vertical:



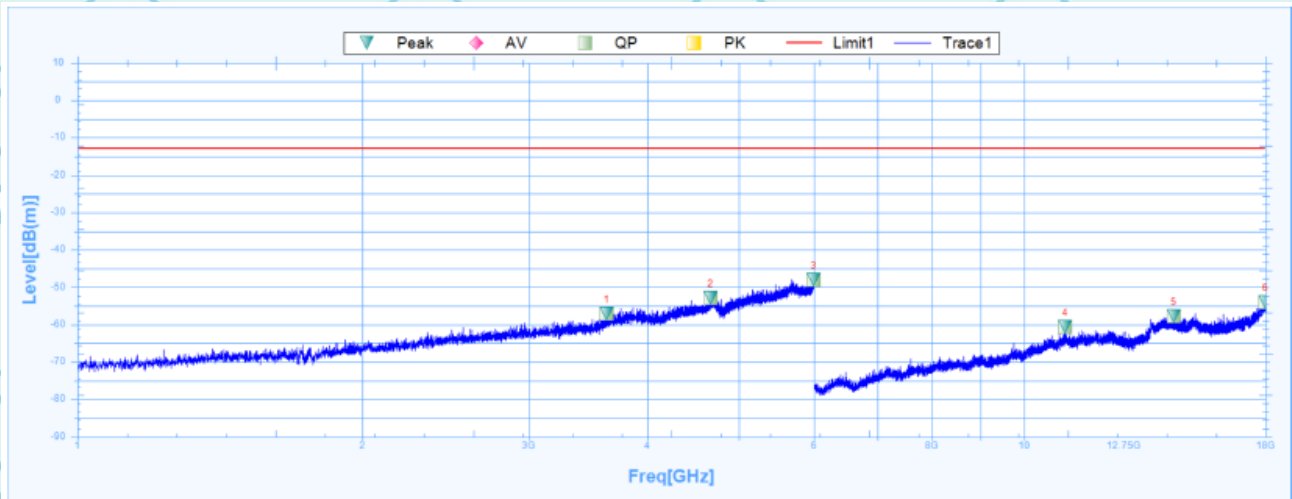
Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2441.2500   | -59.32          | 27.4        | -86.72        | -13        | -46.32      | 319     | Vertical | PK    | Pass    |
| 1   | 2441.2500   |                 | 27.4        |               | 54         |             | 319     | Vertical | AV    | Pass    |
| 2   | 4688.7500   | -52.16          | 30.98       | -83.14        | -13        | -39.16      | 253.2   | Vertical | PK    | Pass    |
| 2   | 4688.7500   |                 | 30.98       |               | 54         |             | 253.2   | Vertical | AV    | Pass    |
| 3   | 5698.1250   | -48.46          | 32.32       | -80.78        | -13        | -35.46      | 179     | Vertical | PK    | Pass    |
| 3   | 5698.1250   |                 | 32.32       |               | 54         |             | 179     | Vertical | AV    | Pass    |
| 4   | 10693.5000  | -62.68          | 14.59       | -77.27        | -13        | -49.68      | 72.2    | Vertical | PK    | Pass    |
| 4   | 10693.5000  |                 | 14.59       |               | 54         |             | 72.2    | Vertical | AV    | Pass    |
| 5   | 14350.5000  | -57.24          | 18.76       | -76           | -13        | -44.24      | 360.1   | Vertical | PK    | Pass    |
| 5   | 14350.5000  |                 | 18.76       |               | 54         |             | 360.1   | Vertical | AV    | Pass    |
| 6   | 17988.0000  | -53.66          | 23.84       | -77.5         | -13        | -40.66      | 2.4     | Vertical | PK    | Pass    |
| 6   | 17988.0000  |                 | 23.84       |               | 54         |             | 2.4     | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 4:

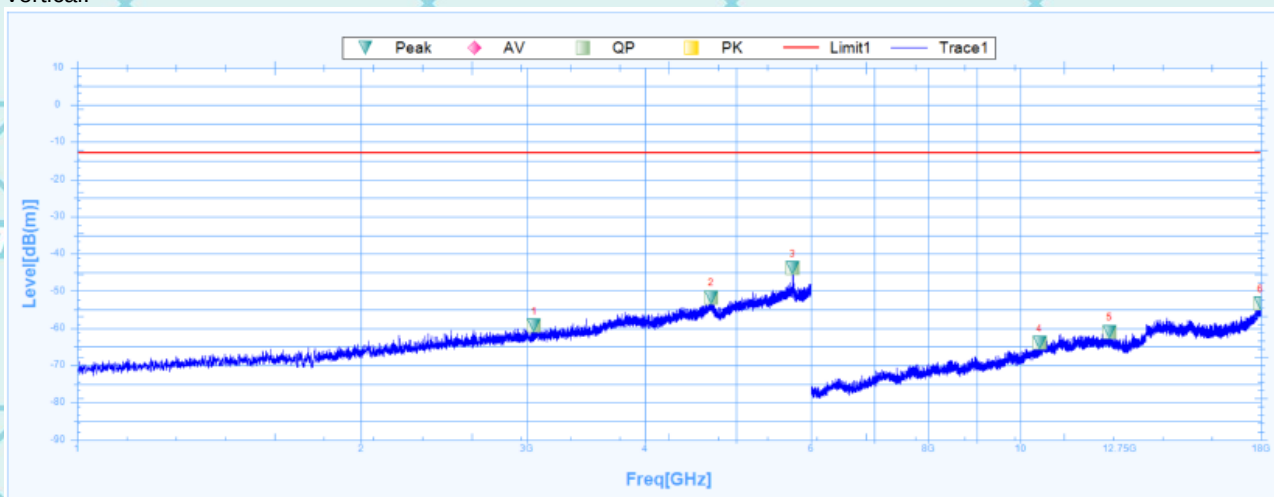
Horizontal:



**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 3623.7500   | -57.04          | 28.8        | -85.84        | -13        | -44.04      | 303.4   | Horizontal | PK    | Pass    |
| 1   | 3623.7500   |                 | 28.8        |               | 54         |             | 303.4   | Horizontal | AV    | Pass    |
| 2   | 4665.6250   | -52.94          | 30.93       | -83.87        | -13        | -39.94      | 2.5     | Horizontal | PK    | Pass    |
| 2   | 4665.6250   |                 | 30.93       |               | 54         |             | 2.5     | Horizontal | AV    | Pass    |
| 3   | 5998.7500   | -48.07          | 32.8        | -80.87        | -13        | -35.07      | 359.1   | Horizontal | PK    | Pass    |
| 3   | 5998.7500   |                 | 32.8        |               | 54         |             | 359.1   | Horizontal | AV    | Pass    |
| 4   | 11055.0000  | -60.55          | 15.79       | -76.34        | -13        | -47.55      | 166.6   | Horizontal | PK    | Pass    |
| 4   | 11055.0000  |                 | 15.79       |               | 54         |             | 166.6   | Horizontal | AV    | Pass    |
| 5   | 14400.0000  | -57.74          | 18.72       | -76.46        | -13        | -44.74      | 360     | Horizontal | PK    | Pass    |
| 5   | 14400.0000  |                 | 18.72       |               | 54         |             | 360     | Horizontal | AV    | Pass    |
| 6   | 17991.0000  | -54.04          | 23.87       | -77.91        | -13        | -41.04      | 339.9   | Horizontal | PK    | Pass    |
| 6   | 17991.0000  |                 | 23.87       |               | 54         |             | 339.9   | Horizontal | AV    | Pass    |

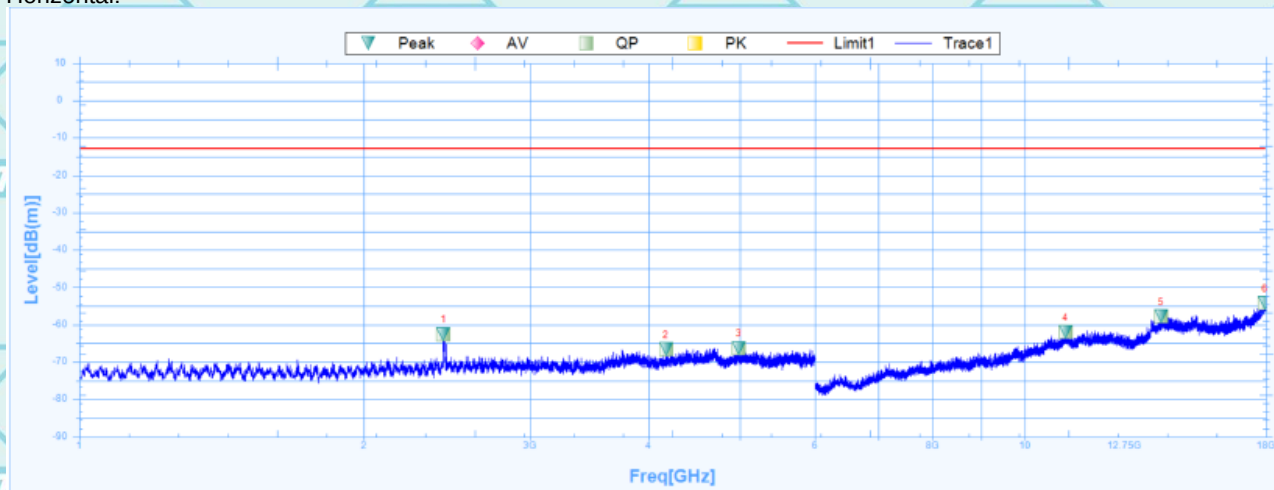
Report No.: WSCT-ANAB-R&E241100056A-RF  
Vertical:



**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 3051.8750   | -59.36          | 28.23       | -87.59        | -13        | -46.36      | 193.4   | Vertical | PK    | Pass    |
| 1   | 3051.8750   |                 | 28.23       |               | 54         |             | 193.4   | Vertical | AV    | Pass    |
| 2   | 4702.5000   | -51.67          | 31.01       | -82.68        | -13        | -38.67      | 8       | Vertical | PK    | Pass    |
| 2   | 4702.5000   |                 | 31.01       |               | 54         |             | 8       | Vertical | AV    | Pass    |
| 3   | 5738.7500   | -43.8           | 32.38       | -76.18        | -13        | -30.8       | -0.1    | Vertical | PK    | Pass    |
| 3   | 5738.7500   |                 | 32.38       |               | 54         |             | -0.1    | Vertical | AV    | Pass    |
| 4   | 10483.5000  | -64.03          | 13.88       | -77.91        | -13        | -51.03      | 65      | Vertical | PK    | Pass    |
| 4   | 10483.5000  |                 | 13.88       |               | 54         |             | 65      | Vertical | AV    | Pass    |
| 5   | 12436.5000  | -60.94          | 16.46       | -77.4         | -13        | -47.94      | 135.6   | Vertical | PK    | Pass    |
| 5   | 12436.5000  |                 | 16.46       |               | 54         |             | 135.6   | Vertical | AV    | Pass    |
| 6   | 17974.5000  | -53.26          | 23.75       | -77.01        | -13        | -40.26      | 232.4   | Vertical | PK    | Pass    |
| 6   | 17974.5000  |                 | 23.75       |               | 54         |             | 232.4   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

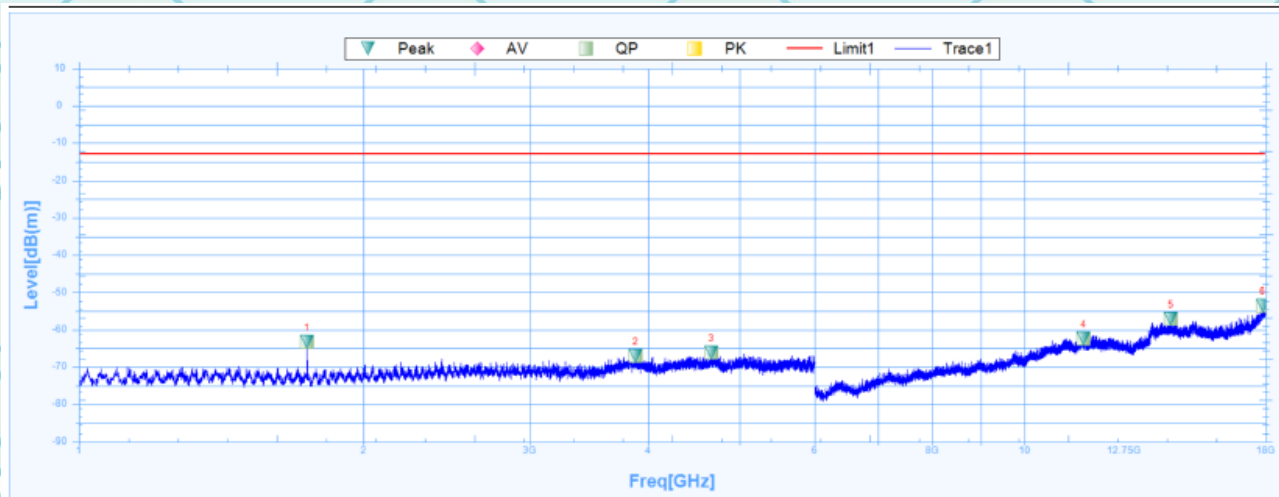
Band 5:  
Horizontal:

Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2428.1250   | -62.5           | 27.36       | -89.86        | -13        | -49.5       | 1.5     | Horizontal | PK    | Pass    |
| 1   | 2428.1250   |                 | 27.36       |               | 54         |             | 1.5     | Horizontal | AV    | Pass    |
| 2   | 4175.0000   | -66.64          | 30.02       | -96.66        | -13        | -53.64      | 187.4   | Horizontal | PK    | Pass    |
| 2   | 4175.0000   |                 | 30.02       |               | 54         |             | 187.4   | Horizontal | AV    | Pass    |
| 3   | 4987.5000   | -66.25          | 31.58       | -97.83        | -13        | -53.25      | 346.3   | Horizontal | PK    | Pass    |
| 3   | 4987.5000   |                 | 31.58       |               | 54         |             | 346.3   | Horizontal | AV    | Pass    |
| 4   | 11043.0000  | -62.01          | 15.75       | -77.76        | -13        | -49.01      | 2.1     | Horizontal | PK    | Pass    |
| 4   | 11043.0000  |                 | 15.75       |               | 54         |             | 2.1     | Horizontal | AV    | Pass    |
| 5   | 13941.0000  | -57.74          | 18.95       | -76.69        | -13        | -44.74      | 201.3   | Horizontal | PK    | Pass    |
| 5   | 13941.0000  |                 | 18.95       |               | 54         |             | 201.3   | Horizontal | AV    | Pass    |
| 6   | 17949.0000  | -54.22          | 23.57       | -77.79        | -13        | -41.22      | 270.6   | Horizontal | PK    | Pass    |
| 6   | 17949.0000  |                 | 23.57       |               | 54         |             | 270.6   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Vertical:



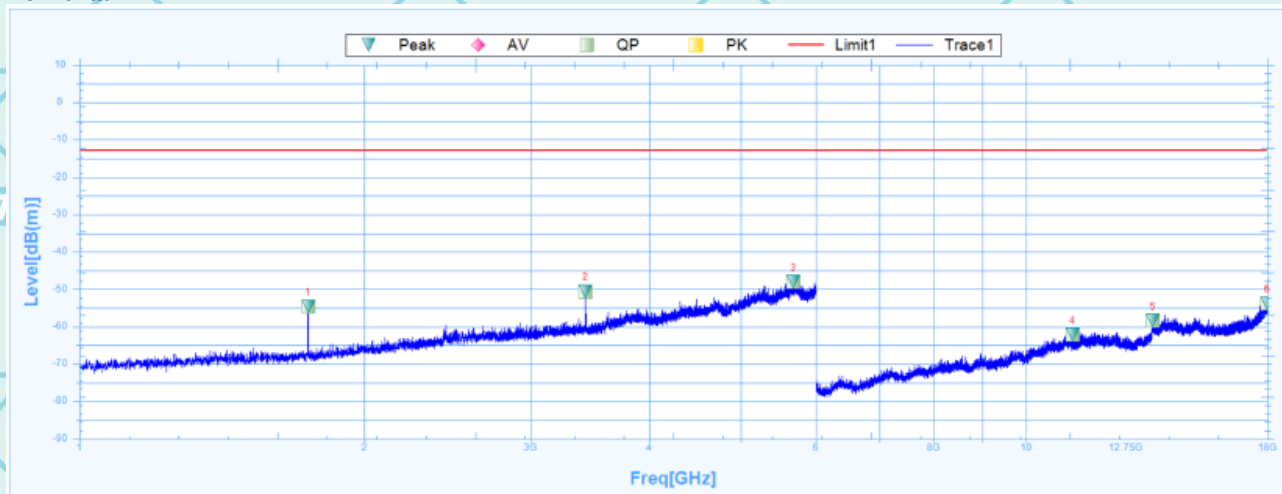
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1743.1250   | -63.33          | 24.97       | -88.3         | -13        | -50.33      | 0       | Vertical | PK    | Pass    |
| 1   | 1743.1250   |                 | 24.97       |               | 54         |             | 0       | Vertical | AV    | Pass    |
| 2   | 3881.2500   | -67.05          | 29.42       | -96.47        | -13        | -54.05      | 237.7   | Vertical | PK    | Pass    |
| 2   | 3881.2500   |                 | 29.42       |               | 54         |             | 237.7   | Vertical | AV    | Pass    |
| 3   | 4668.1250   | -66.12          | 30.94       | -97.06        | -13        | -53.12      | 349.8   | Vertical | PK    | Pass    |
| 3   | 4668.1250   |                 | 30.94       |               | 54         |             | 349.8   | Vertical | AV    | Pass    |
| 4   | 11551.5000  | -62.33          | 16.21       | -78.54        | -13        | -49.33      | 358.5   | Vertical | PK    | Pass    |
| 4   | 11551.5000  |                 | 16.21       |               | 54         |             | 358.5   | Vertical | AV    | Pass    |
| 5   | 14295.0000  | -57.05          | 18.83       | -75.88        | -13        | -44.05      | 360     | Vertical | PK    | Pass    |
| 5   | 14295.0000  |                 | 18.83       |               | 54         |             | 360     | Vertical | AV    | Pass    |
| 6   | 17875.5000  | -53.46          | 23.11       | -76.57        | -13        | -40.46      | 1       | Vertical | PK    | Pass    |
| 6   | 17875.5000  |                 | 23.11       |               | 54         |             | 1       | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 7:

Horizontal:

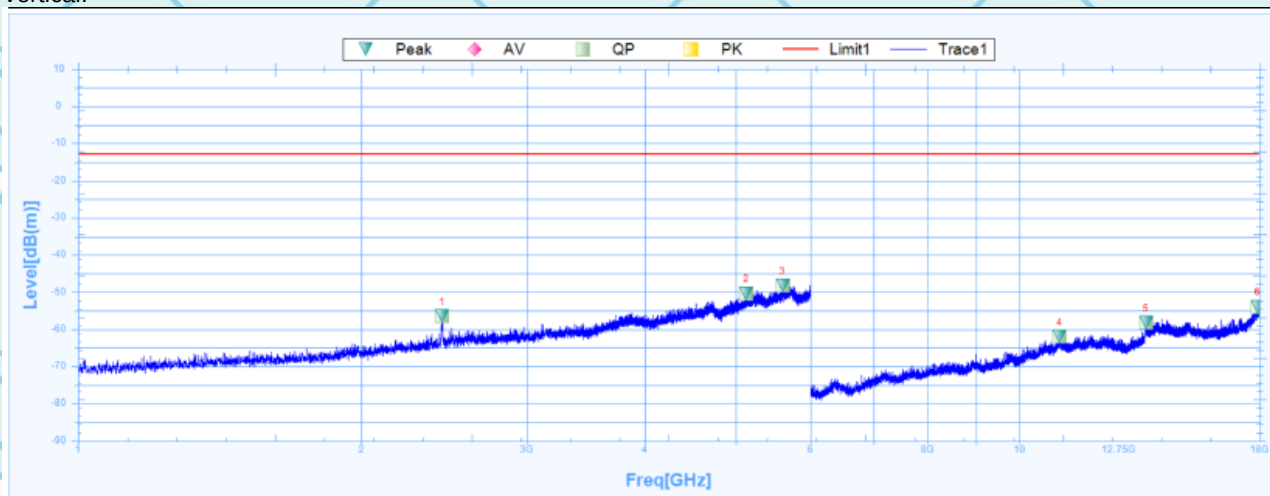


Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1744.3750   | -54.75          | 24.97       | -79.72        | -13        | -41.75      | 0       | Horizontal | PK    | Pass    |
| 1   | 1744.3750   |                 | 24.97       |               | 54         |             | 0       | Horizontal | AV    | Pass    |
| 2   | 3427.5000   | -50.56          | 28.46       | -79.02        | -13        | -37.56      | 10.8    | Horizontal | PK    | Pass    |
| 2   | 3427.5000   |                 | 28.46       |               | 54         |             | 10.8    | Horizontal | AV    | Pass    |
| 3   | 5682.5000   | -48.03          | 32.29       | -80.32        | -13        | -35.03      | 280.6   | Horizontal | PK    | Pass    |
| 3   | 5682.5000   |                 | 32.29       |               | 54         |             | 280.6   | Horizontal | AV    | Pass    |
| 4   | 11197.5000  | -62.23          | 15.74       | -77.97        | -13        | -49.23      | 132     | Horizontal | PK    | Pass    |
| 4   | 11197.5000  |                 | 15.74       |               | 54         |             | 132     | Horizontal | AV    | Pass    |
| 5   | 13621.5000  | -58.5           | 18.04       | -76.54        | -13        | -45.5       | 13.5    | Horizontal | PK    | Pass    |
| 5   | 13621.5000  |                 | 18.04       |               | 54         |             | 13.5    | Horizontal | AV    | Pass    |
| 6   | 17988.0000  | -53.81          | 23.84       | -77.65        | -13        | -40.81      | 360.1   | Horizontal | PK    | Pass    |
| 6   | 17988.0000  |                 | 23.84       |               | 54         |             | 360.1   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



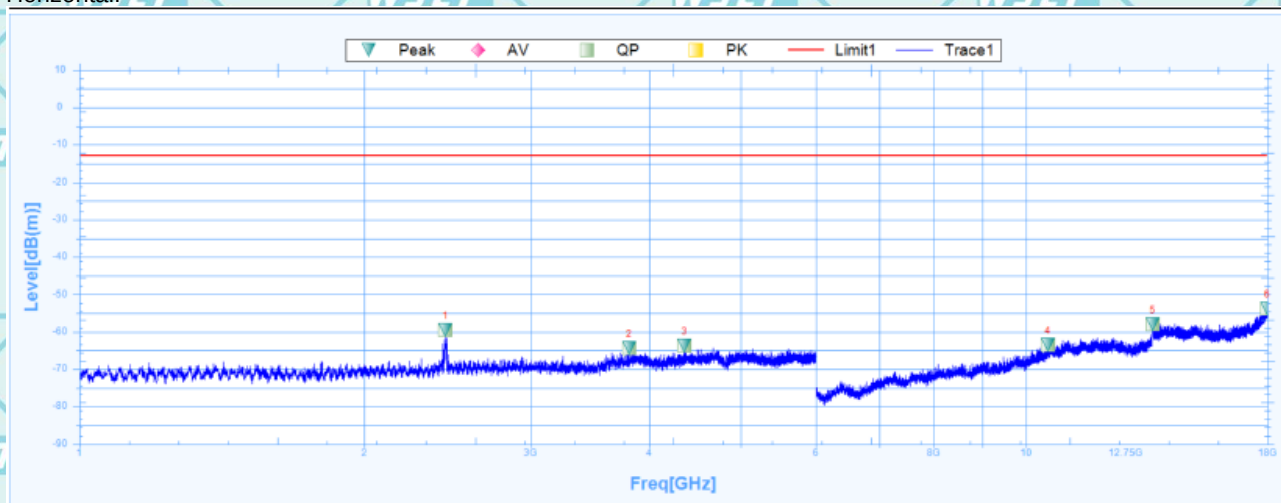
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2436.2500   | -56.51          | 27.38       | -83.89        | -13        | -43.51      | 81      | Vertical | PK    | Pass    |
| 1   | 2436.2500   |                 | 27.38       |               | 54         |             | 81      | Vertical | AV    | Pass    |
| 2   | 5130.0000   | -50.34          | 31.7        | -82.04        | -13        | -37.34      | 214.9   | Vertical | PK    | Pass    |
| 2   | 5130.0000   |                 | 31.7        |               | 54         |             | 214.9   | Vertical | AV    | Pass    |
| 3   | 5605.0000   | -48.19          | 32.17       | -80.36        | -13        | -35.19      | 214.9   | Vertical | PK    | Pass    |
| 3   | 5605.0000   |                 | 32.17       |               | 54         |             | 214.9   | Vertical | AV    | Pass    |
| 4   | 11032.5000  | -61.88          | 15.72       | -77.6         | -13        | -48.88      | 29.2    | Vertical | PK    | Pass    |
| 4   | 11032.5000  |                 | 15.72       |               | 54         |             | 29.2    | Vertical | AV    | Pass    |
| 5   | 13632.0000  | -58.18          | 18.06       | -76.24        | -13        | -45.18      | 56.6    | Vertical | PK    | Pass    |
| 5   | 13632.0000  |                 | 18.06       |               | 54         |             | 56.6    | Vertical | AV    | Pass    |
| 6   | 17910.0000  | -53.87          | 23.33       | -77.2         | -13        | -40.87      | 26.9    | Vertical | PK    | Pass    |
| 6   | 17910.0000  |                 | 23.33       |               | 54         |             | 26.9    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 12:

Horizontal:

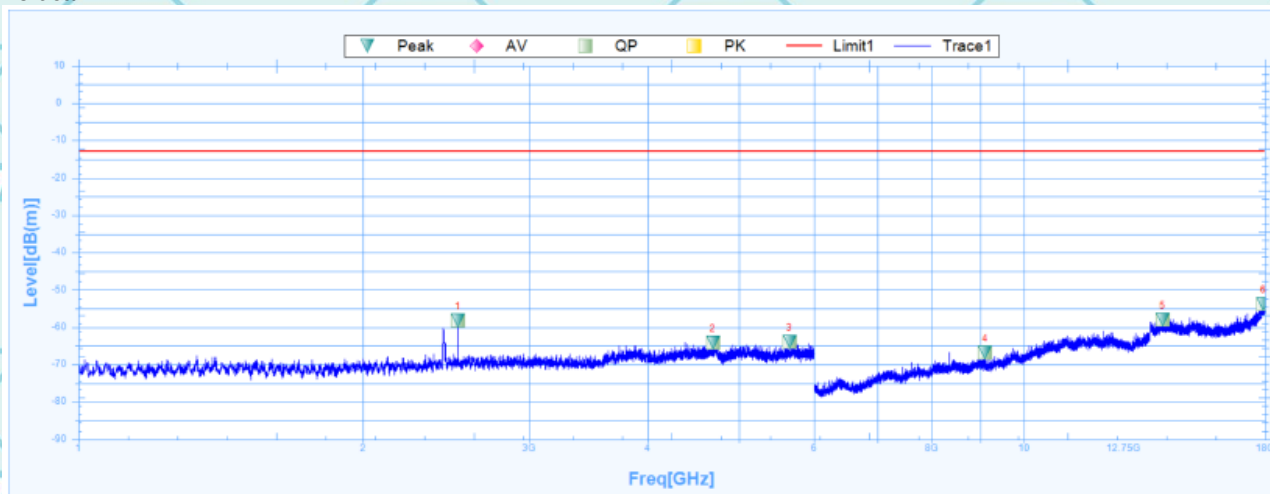


Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2435.6250   | -59.57          | 27.38       | -86.95        | -13        | -46.57      | 359     | Horizontal | PK    | Pass    |
| 1   | 2435.6250   |                 | 27.38       |               | 54         |             | 359     | Horizontal | AV    | Pass    |
| 2   | 3810.0000   | -64.3           | 29.24       | -93.54        | -13        | -51.3       | 0       | Horizontal | PK    | Pass    |
| 2   | 3810.0000   |                 | 29.24       |               | 54         |             | 0       | Horizontal | AV    | Pass    |
| 3   | 4361.2500   | -63.78          | 30.35       | -94.13        | -13        | -50.78      | 0       | Horizontal | PK    | Pass    |
| 3   | 4361.2500   |                 | 30.35       |               | 54         |             | 0       | Horizontal | AV    | Pass    |
| 4   | 10551.0000  | -63.49          | 14.13       | -77.62        | -13        | -50.49      | 313.8   | Horizontal | PK    | Pass    |
| 4   | 10551.0000  |                 | 14.13       |               | 54         |             | 313.8   | Horizontal | AV    | Pass    |
| 5   | 13615.5000  | -57.88          | 18.01       | -75.89        | -13        | -44.88      | 236.1   | Horizontal | PK    | Pass    |
| 5   | 13615.5000  |                 | 18.01       |               | 54         |             | 236.1   | Horizontal | AV    | Pass    |
| 6   | 17989.5000  | -53.85          | 23.86       | -77.71        | -13        | -40.85      | 220.5   | Horizontal | PK    | Pass    |
| 6   | 17989.5000  |                 | 23.86       |               | 54         |             | 220.5   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



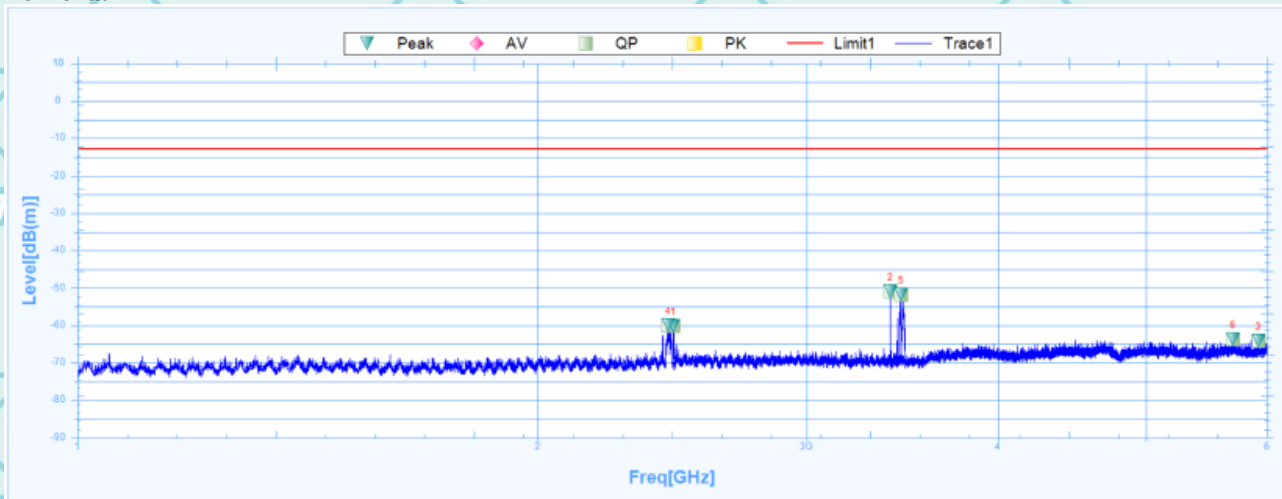
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2518.7500   | -58.15          | 27.62       | -85.77        | -13        | -45.15      | 213.6   | Vertical | PK    | Pass    |
| 1   | 2518.7500   |                 | 27.62       |               | 54         |             | 213.6   | Vertical | AV    | Pass    |
| 2   | 4688.1250   | -64.23          | 30.98       | -95.21        | -13        | -51.23      | 295     | Vertical | PK    | Pass    |
| 2   | 4688.1250   |                 | 30.98       |               | 54         |             | 295     | Vertical | AV    | Pass    |
| 3   | 5651.2500   | -63.9           | 32.24       | -96.14        | -13        | -50.9       | 290.2   | Vertical | PK    | Pass    |
| 3   | 5651.2500   |                 | 32.24       |               | 54         |             | 290.2   | Vertical | AV    | Pass    |
| 4   | 9103.5000   | -66.73          | 9.93        | -76.66        | -13        | -53.73      | 360.1   | Vertical | PK    | Pass    |
| 4   | 9103.5000   |                 | 9.93        |               | 54         |             | 360.1   | Vertical | AV    | Pass    |
| 5   | 14019.0000  | -58.02          | 19.11       | -77.13        | -13        | -45.02      | 189.4   | Vertical | PK    | Pass    |
| 5   | 14019.0000  |                 | 19.11       |               | 54         |             | 189.4   | Vertical | AV    | Pass    |
| 6   | 17923.5000  | -53.81          | 23.41       | -77.22        | -13        | -40.81      | 207.3   | Vertical | PK    | Pass    |
| 6   | 17923.5000  |                 | 23.41       |               | 54         |             | 207.3   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 13:

Horizontal:

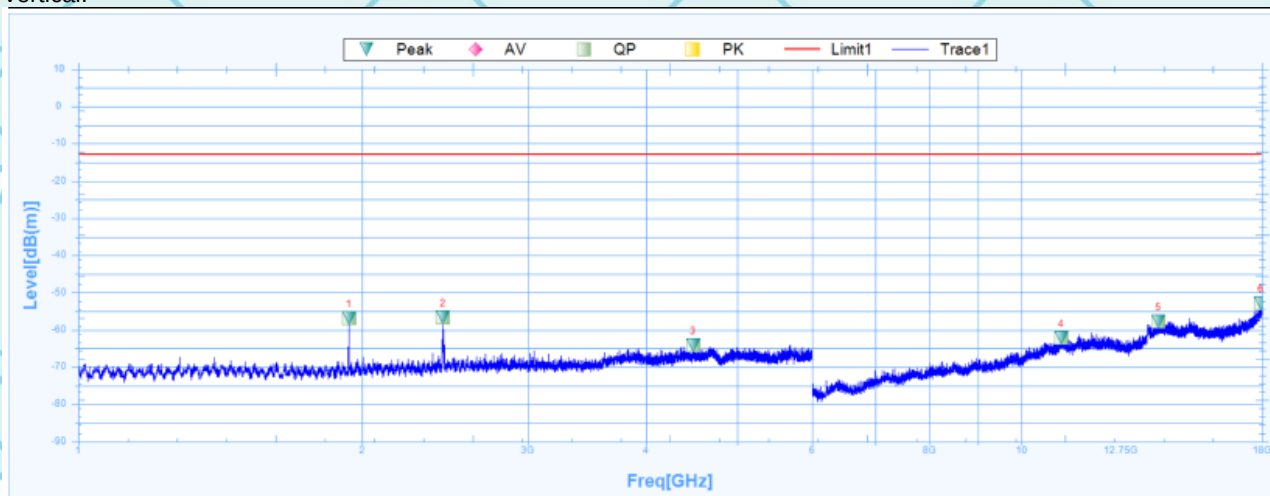


**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2435.0000   | -59.88          | 27.38       | -87.26        | -13        | -46.88      | -0.2    | Horizontal | PK    | Pass    |
| 1   | 2435.0000   |                 | 27.38       |               | 54         |             | -0.2    | Horizontal | AV    | Pass    |
| 2   | 2453.1250   | -60.14          | 27.44       | -87.58        | -13        | -47.14      | 6.6     | Horizontal | PK    | Pass    |
| 2   | 2453.1250   |                 | 27.44       |               | 54         |             | 6.6     | Horizontal | AV    | Pass    |
| 3   | 3403.1250   | -50.9           | 28.44       | -79.34        | -13        | -37.9       | 193     | Horizontal | PK    | Pass    |
| 3   | 3403.1250   |                 | 28.44       |               | 54         |             | 193     | Horizontal | AV    | Pass    |
| 4   | 3457.5000   | -51.88          | 28.47       | -80.35        | -13        | -38.88      | 12.9    | Horizontal | PK    | Pass    |
| 4   | 3457.5000   |                 | 28.47       |               | 54         |             | 12.9    | Horizontal | AV    | Pass    |
| 5   | 5700.0000   | -63.64          | 32.32       | -95.96        | -13        | -50.64      | 283     | Horizontal | PK    | Pass    |
| 5   | 5700.0000   |                 | 32.32       |               | 54         |             | 283     | Horizontal | AV    | Pass    |
| 6   | 5922.5000   | -64.15          | 32.68       | -96.83        | -13        | -51.15      | 197.8   | Horizontal | PK    | Pass    |
| 6   | 5922.5000   |                 | 32.68       |               | 54         |             | 197.8   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

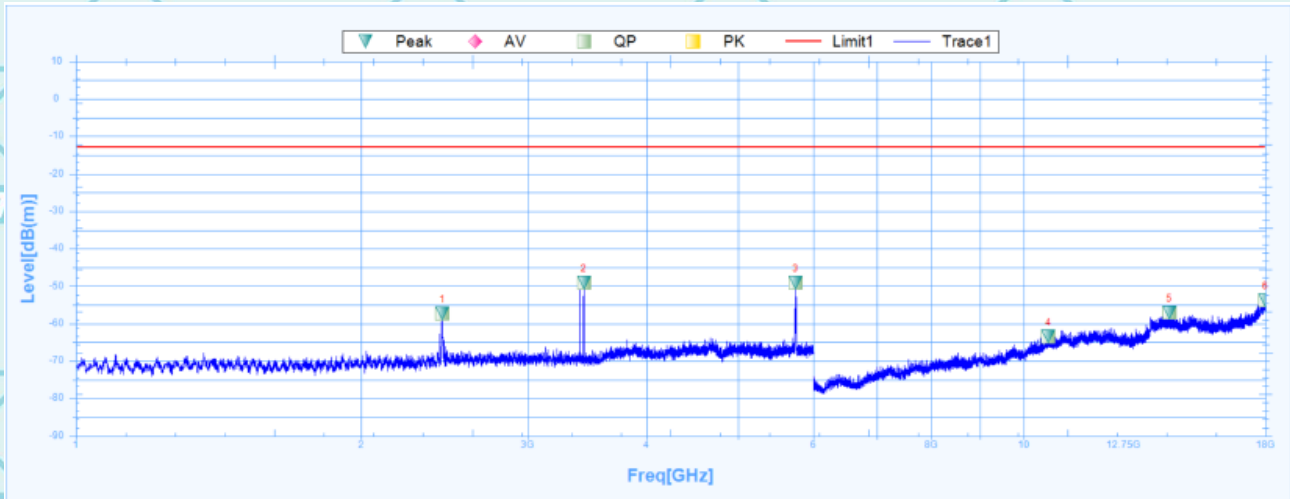
Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1936.8750   | -56.96          | 25.62       | -82.58        | -13        | -43.96      | 135.6   | Vertical | PK    | Pass    |
| 1   | 1936.8750   |                 | 25.62       |               | 54         |             | 135.6   | Vertical | AV    | Pass    |
| 2   | 2437.5000   | -56.66          | 27.39       | -84.05        | -13        | -43.66      | 274.2   | Vertical | PK    | Pass    |
| 2   | 2437.5000   |                 | 27.39       |               | 54         |             | 274.2   | Vertical | AV    | Pass    |
| 3   | 4488.7500   | -64.17          | 30.58       | -94.75        | -13        | -51.17      | 1.1     | Vertical | PK    | Pass    |
| 3   | 4488.7500   |                 | 30.58       |               | 54         |             | 1.1     | Vertical | AV    | Pass    |
| 4   | 11022.0000  | -62.14          | 15.69       | -77.83        | -13        | -49.14      | 186.2   | Vertical | PK    | Pass    |
| 4   | 11022.0000  |                 | 15.69       |               | 54         |             | 186.2   | Vertical | AV    | Pass    |
| 5   | 13978.5000  | -57.72          | 19.06       | -76.78        | -13        | -44.72      | -0.1    | Vertical | PK    | Pass    |
| 5   | 13978.5000  |                 | 19.06       |               | 54         |             | -0.1    | Vertical | AV    | Pass    |
| 6   | 17943.0000  | -52.82          | 23.53       | -76.35        | -13        | -39.82      | 155     | Vertical | PK    | Pass    |
| 6   | 17943.0000  |                 | 23.53       |               | 54         |             | 155     | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF  
Band 17:  
Horizontal:

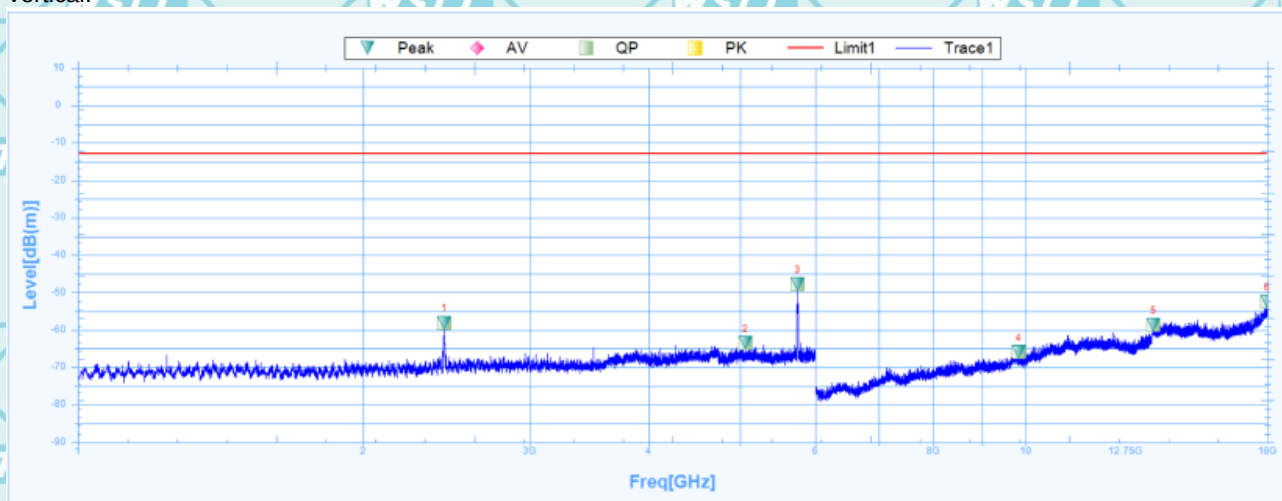


Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2435.6250   | -57.21          | 27.38       | -84.59        | -13        | -44.21      | 185.8   | Horizontal | PK    | Pass    |
| 1   | 2435.6250   |                 | 27.38       |               | 54         |             | 185.8   | Horizontal | AV    | Pass    |
| 2   | 3436.2500   | -49.19          | 28.46       | -77.65        | -13        | -36.19      | 116.5   | Horizontal | PK    | Pass    |
| 2   | 3436.2500   |                 | 28.46       |               | 54         |             | 116.5   | Horizontal | AV    | Pass    |
| 3   | 5749.3750   | -49.12          | 32.4        | -81.52        | -13        | -36.12      | 319.7   | Horizontal | PK    | Pass    |
| 3   | 5749.3750   |                 | 32.4        |               | 54         |             | 319.7   | Horizontal | AV    | Pass    |
| 4   | 10621.5000  | -63.43          | 14.4        | -77.83        | -13        | -50.43      | 225.7   | Horizontal | PK    | Pass    |
| 4   | 10621.5000  |                 | 14.4        |               | 54         |             | 225.7   | Horizontal | AV    | Pass    |
| 5   | 14250.0000  | -57.16          | 18.88       | -76.04        | -13        | -44.16      | 8       | Horizontal | PK    | Pass    |
| 5   | 14250.0000  |                 | 18.88       |               | 54         |             | 8       | Horizontal | AV    | Pass    |
| 6   | 17995.5000  | -53.85          | 23.9        | -77.75        | -13        | -40.85      | 102.6   | Horizontal | PK    | Pass    |
| 6   | 17995.5000  |                 | 23.9        |               | 54         |             | 102.6   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



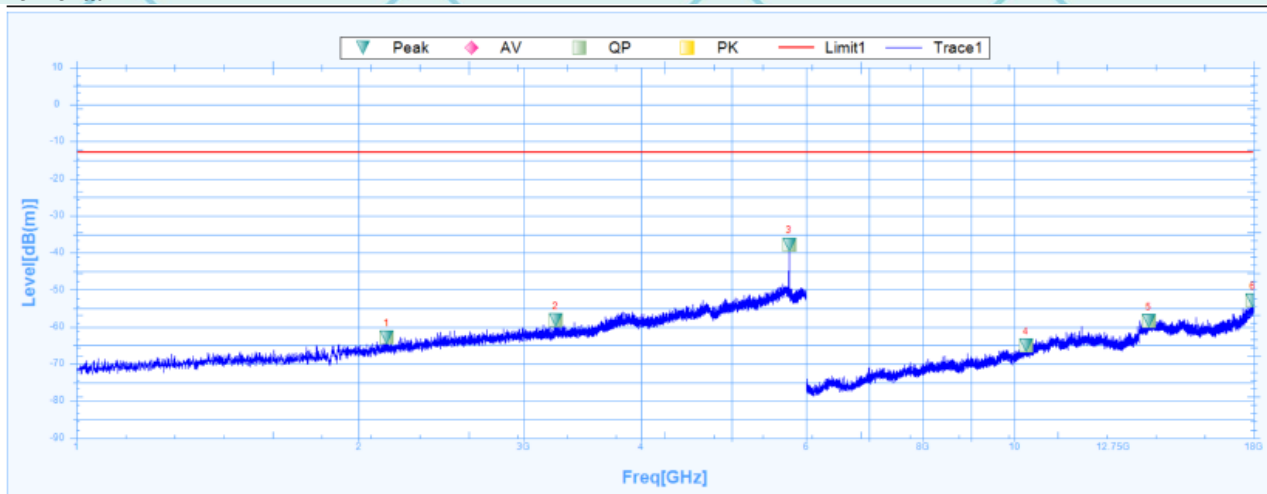
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2435.0000   | -58.08          | 27.38       | -85.46        | -13        | -45.08      | 251.5   | Vertical | PK    | Pass    |
| 1   | 2435.0000   |                 | 27.38       |               | 54         |             | 251.5   | Vertical | AV    | Pass    |
| 2   | 5064.3750   | -63.44          | 31.65       | -95.09        | -13        | -50.44      | 139.1   | Vertical | PK    | Pass    |
| 2   | 5064.3750   |                 | 31.65       |               | 54         |             | 139.1   | Vertical | AV    | Pass    |
| 3   | 5748.1250   | -47.79          | 32.4        | -80.19        | -13        | -34.79      | 203.7   | Vertical | PK    | Pass    |
| 3   | 5748.1250   |                 | 32.4        |               | 54         |             | 203.7   | Vertical | AV    | Pass    |
| 4   | 9837.0000   | -65.88          | 12          | -77.88        | -13        | -52.88      | 359.6   | Vertical | PK    | Pass    |
| 4   | 9837.0000   |                 | 12          |               | 54         |             | 359.6   | Vertical | AV    | Pass    |
| 5   | 13648.5000  | -58.72          | 18.11       | -76.83        | -13        | -45.72      | 195.7   | Vertical | PK    | Pass    |
| 5   | 13648.5000  |                 | 18.11       |               | 54         |             | 195.7   | Vertical | AV    | Pass    |
| 6   | 17982.0000  | -52.54          | 23.8        | -76.34        | -13        | -39.54      | 84.6    | Vertical | PK    | Pass    |
| 6   | 17982.0000  |                 | 23.8        |               | 54         |             | 84.6    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 25:

Horizontal:

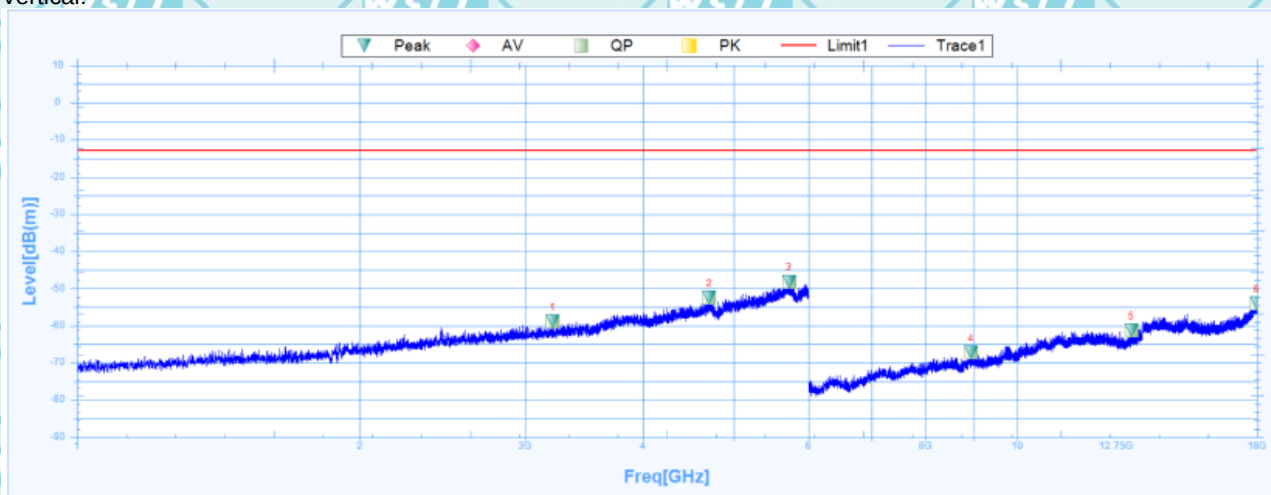


**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2141.2500   | -62.79          | 26.38       | -89.17        | -13        | -49.79      | 359.9   | Horizontal | PK    | Pass    |
| 1   | 2141.2500   |                 | 26.38       |               | 54         |             | 359.9   | Horizontal | AV    | Pass    |
| 2   | 3243.7500   | -58.17          | 28.35       | -86.52        | -13        | -45.17      | 140.2   | Horizontal | PK    | Pass    |
| 2   | 3243.7500   |                 | 28.35       |               | 54         |             | 140.2   | Horizontal | AV    | Pass    |
| 3   | 5752.5000   | -37.75          | 32.4        | -70.15        | -13        | -24.75      | 246.6   | Horizontal | PK    | Pass    |
| 3   | 5752.5000   |                 | 32.4        |               | 54         |             | 246.6   | Horizontal | AV    | Pass    |
| 4   | 10294.5000  | -65.03          | 13.27       | -78.3         | -13        | -52.03      | 196.9   | Horizontal | PK    | Pass    |
| 4   | 10294.5000  |                 | 13.27       |               | 54         |             | 196.9   | Horizontal | AV    | Pass    |
| 5   | 13906.5000  | -58.37          | 18.85       | -77.22        | -13        | -45.37      | 359.7   | Horizontal | PK    | Pass    |
| 5   | 13906.5000  |                 | 18.85       |               | 54         |             | 359.7   | Horizontal | AV    | Pass    |
| 6   | 17953.5000  | -52.81          | 23.6        | -76.41        | -13        | -39.81      | 2.9     | Horizontal | PK    | Pass    |
| 6   | 17953.5000  |                 | 23.6        |               | 54         |             | 2.9     | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Vertical:



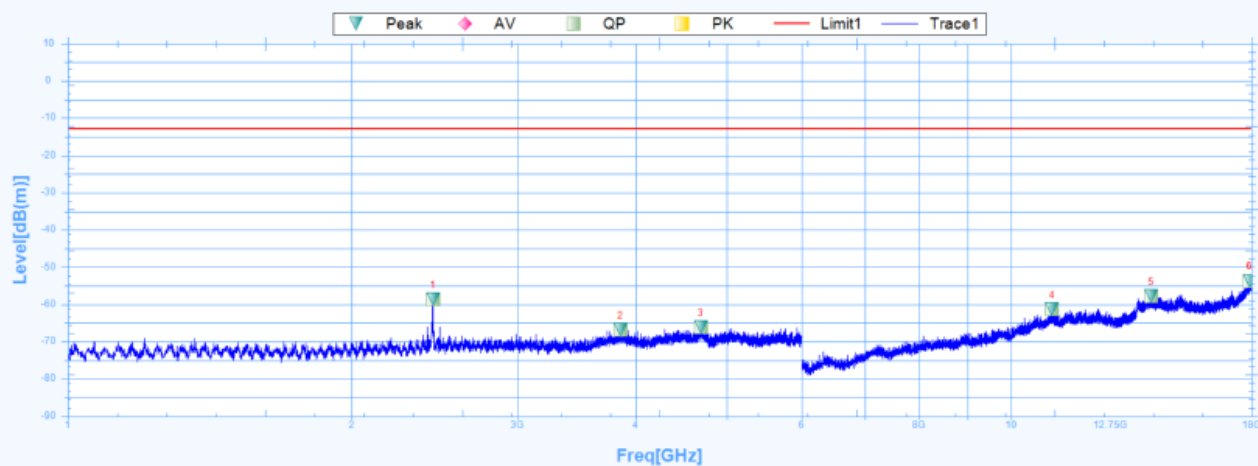
Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 3205.6250   | -58.93          | 28.32       | -87.25        | -13        | -45.93      | 190.5   | Vertical | PK    | Pass    |
| 1   | 3205.6250   |                 | 28.32       |               | 54         |             | 190.5   | Vertical | AV    | Pass    |
| 2   | 4706.2500   | -52.36          | 31.01       | -83.37        | -13        | -39.36      | 252.6   | Vertical | PK    | Pass    |
| 2   | 4706.2500   |                 | 31.01       |               | 54         |             | 252.6   | Vertical | AV    | Pass    |
| 3   | 5719.3750   | -48.14          | 32.35       | -80.49        | -13        | -35.14      | 8.1     | Vertical | PK    | Pass    |
| 3   | 5719.3750   |                 | 32.35       |               | 54         |             | 8.1     | Vertical | AV    | Pass    |
| 4   | 8932.5000   | -67.16          | 9.8         | -76.96        | -13        | -54.16      | -0.1    | Vertical | PK    | Pass    |
| 4   | 8932.5000   |                 | 9.8         |               | 54         |             | -0.1    | Vertical | AV    | Pass    |
| 5   | 13227.0000  | -61.36          | 16.82       | -78.18        | -13        | -48.36      | 129.9   | Vertical | PK    | Pass    |
| 5   | 13227.0000  |                 | 16.82       |               | 54         |             | 129.9   | Vertical | AV    | Pass    |
| 6   | 17983.5000  | -53.96          | 23.81       | -77.77        | -13        | -40.96      | 162.3   | Vertical | PK    | Pass    |
| 6   | 17983.5000  |                 | 23.81       |               | 54         |             | 162.3   | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Band 26(814-824MHz):

Horizontal:

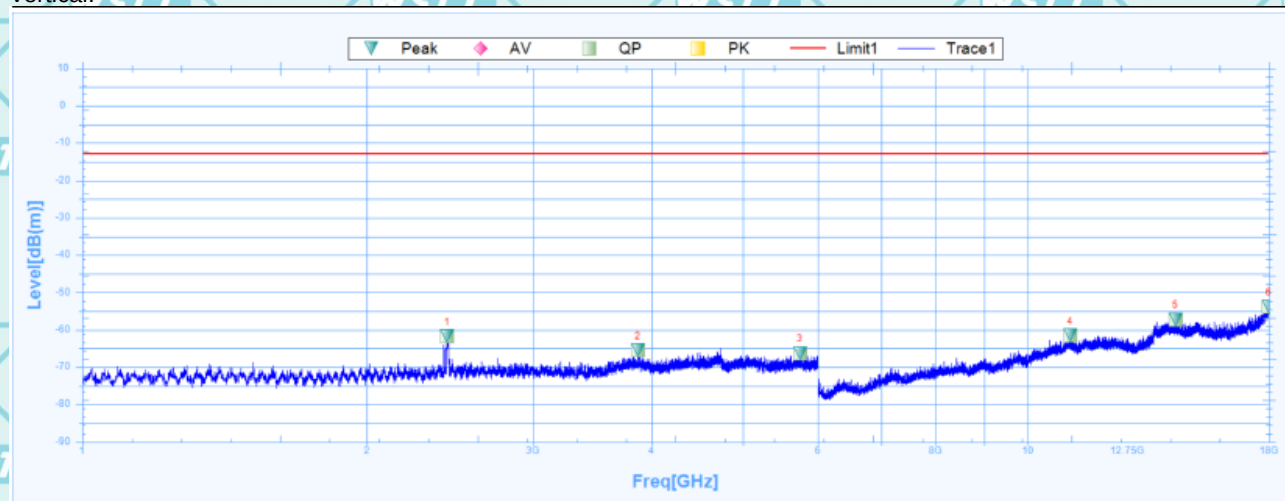


## Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2438.7500   | -58.69          | 27.39       | -86.08        | -13        | -45.69      | 314.9   | Horizontal | PK    | Pass    |
| 1   | 2438.7500   |                 | 27.39       |               | 54         |             | 314.9   | Horizontal | AV    | Pass    |
| 2   | 3855.6250   | -66.72          | 29.35       | -96.07        | -13        | -53.72      | 13.7    | Horizontal | PK    | Pass    |
| 2   | 3855.6250   |                 | 29.35       |               | 54         |             | 13.7    | Horizontal | AV    | Pass    |
| 3   | 4691.8750   | -66.05          | 30.98       | -97.03        | -13        | -53.05      | 360     | Horizontal | PK    | Pass    |
| 3   | 4691.8750   |                 | 30.98       |               | 54         |             | 360     | Horizontal | AV    | Pass    |
| 4   | 11061.0000  | -61.18          | 15.82       | -77           | -13        | -48.18      | -0.1    | Horizontal | PK    | Pass    |
| 4   | 11061.0000  |                 | 15.82       |               | 54         |             | -0.1    | Horizontal | AV    | Pass    |
| 5   | 14089.5000  | -57.78          | 19.03       | -76.81        | -13        | -44.78      | 210     | Horizontal | PK    | Pass    |
| 5   | 14089.5000  |                 | 19.03       |               | 54         |             | 210     | Horizontal | AV    | Pass    |
| 6   | 17904.0000  | -53.65          | 23.29       | -76.94        | -13        | -40.65      | 359.5   | Horizontal | PK    | Pass    |
| 6   | 17904.0000  |                 | 23.29       |               | 54         |             | 359.5   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

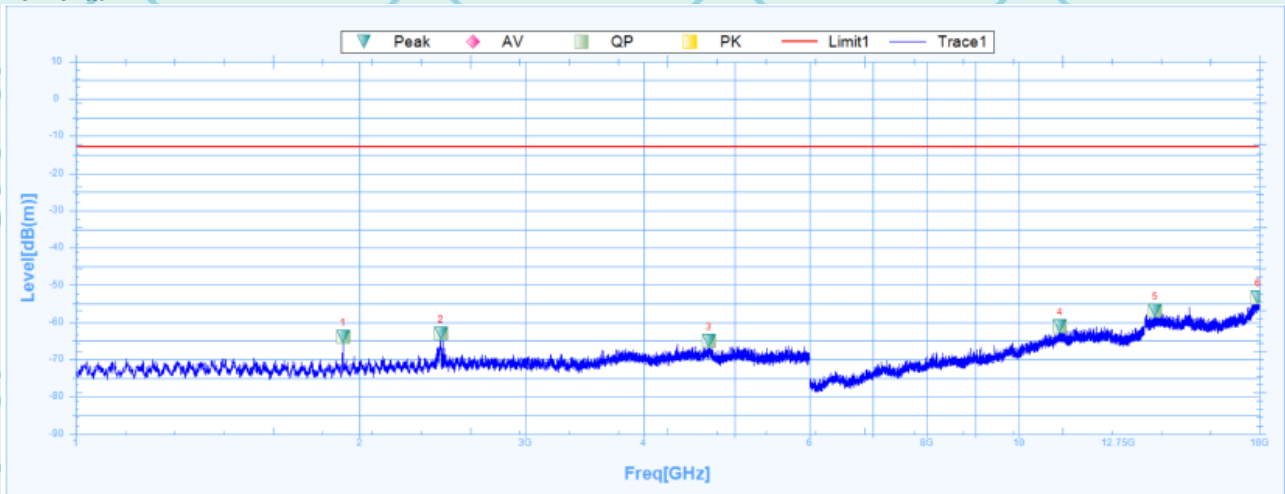
Vertical:



Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2431.2500   | -61.62          | 27.37       | -88.99        | -13        | -48.62      | 55.3    | Vertical | PK    | Pass    |
| 1   | 2431.2500   |                 | 27.37       |               | 54         |             | 55.3    | Vertical | AV    | Pass    |
| 2   | 3870.6250   | -65.57          | 29.39       | -94.96        | -13        | -52.57      | 209.5   | Vertical | PK    | Pass    |
| 2   | 3870.6250   |                 | 29.39       |               | 54         |             | 209.5   | Vertical | AV    | Pass    |
| 3   | 5742.5000   | -66.24          | 32.39       | -98.63        | -13        | -53.24      | 286     | Vertical | PK    | Pass    |
| 3   | 5742.5000   |                 | 32.39       |               | 54         |             | 286     | Vertical | AV    | Pass    |
| 4   | 11092.5000  | -61.49          | 15.89       | -77.38        | -13        | -48.49      | 206.5   | Vertical | PK    | Pass    |
| 4   | 11092.5000  |                 | 15.89       |               | 54         |             | 206.5   | Vertical | AV    | Pass    |
| 5   | 14334.0000  | -57.19          | 18.79       | -75.98        | -13        | -44.19      | -0.1    | Vertical | PK    | Pass    |
| 5   | 14334.0000  |                 | 18.79       |               | 54         |             | -0.1    | Vertical | AV    | Pass    |
| 6   | 17991.0000  | -53.71          | 23.87       | -77.58        | -13        | -40.71      | 64.2    | Vertical | PK    | Pass    |
| 6   | 17991.0000  |                 | 23.87       |               | 54         |             | 64.2    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF  
Band 26(824-849MHz):  
Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1921.2500   | -63.86          | 25.55       | -89.41        | -13        | -50.86      | 175     | Horizontal | PK    | Pass    |
| 1   | 1921.2500   |                 | 25.55       |               | 54         |             | 175     | Horizontal | AV    | Pass    |
| 2   | 2438.7500   | -63.06          | 27.39       | -90.45        | -13        | -50.06      | 360.1   | Horizontal | PK    | Pass    |
| 2   | 2438.7500   |                 | 27.39       |               | 54         |             | 360.1   | Horizontal | AV    | Pass    |
| 3   | 4695.0000   | -65.11          | 30.99       | -96.1         | -13        | -52.11      | 358.9   | Horizontal | PK    | Pass    |
| 3   | 4695.0000   |                 | 30.99       |               | 54         |             | 358.9   | Horizontal | AV    | Pass    |
| 4   | 11058.0000  | -60.99          | 15.81       | -76.8         | -13        | -47.99      | 347.9   | Horizontal | PK    | Pass    |
| 4   | 11058.0000  |                 | 15.81       |               | 54         |             | 347.9   | Horizontal | AV    | Pass    |
| 5   | 13953.0000  | -56.85          | 18.99       | -75.84        | -13        | -43.85      | 311.7   | Horizontal | PK    | Pass    |
| 5   | 13953.0000  |                 | 18.99       |               | 54         |             | 311.7   | Horizontal | AV    | Pass    |
| 6   | 17935.5000  | -53.35          | 23.49       | -76.84        | -13        | -40.35      | 234     | Horizontal | PK    | Pass    |
| 6   | 17935.5000  |                 | 23.49       |               | 54         |             | 234     | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2435.0000   | -60.67          | 27.38       | -88.05        | -13        | -47.67      | 306.4   | Vertical | PK    | Pass    |
| 1   | 2435.0000   |                 | 27.38       |               | 54         |             | 306.4   | Vertical | AV    | Pass    |
| 2   | 3418.7500   | -65.58          | 28.45       | -94.03        | -13        | -52.58      | 117.5   | Vertical | PK    | Pass    |
| 2   | 3418.7500   |                 | 28.45       |               | 54         |             | 117.5   | Vertical | AV    | Pass    |
| 3   | 5754.3750   | -54.12          | 32.41       | -86.53        | -13        | -41.12      | 359.9   | Vertical | PK    | Pass    |
| 3   | 5754.3750   |                 | 32.41       |               | 54         |             | 359.9   | Vertical | AV    | Pass    |
| 4   | 10705.5000  | -63.45          | 14.61       | -78.06        | -13        | -50.45      | -0.1    | Vertical | PK    | Pass    |
| 4   | 10705.5000  |                 | 14.61       |               | 54         |             | -0.1    | Vertical | AV    | Pass    |
| 5   | 13993.5000  | -57.73          | 19.1        | -76.83        | -13        | -44.73      | 101.3   | Vertical | PK    | Pass    |
| 5   | 13993.5000  |                 | 19.1        |               | 54         |             | 101.3   | Vertical | AV    | Pass    |
| 6   | 17844.0000  | -53.38          | 22.9        | -76.28        | -13        | -40.38      | -0.1    | Vertical | PK    | Pass    |
| 6   | 17844.0000  |                 | 22.9        |               | 54         |             | -0.1    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Band 38:

Horizontal:

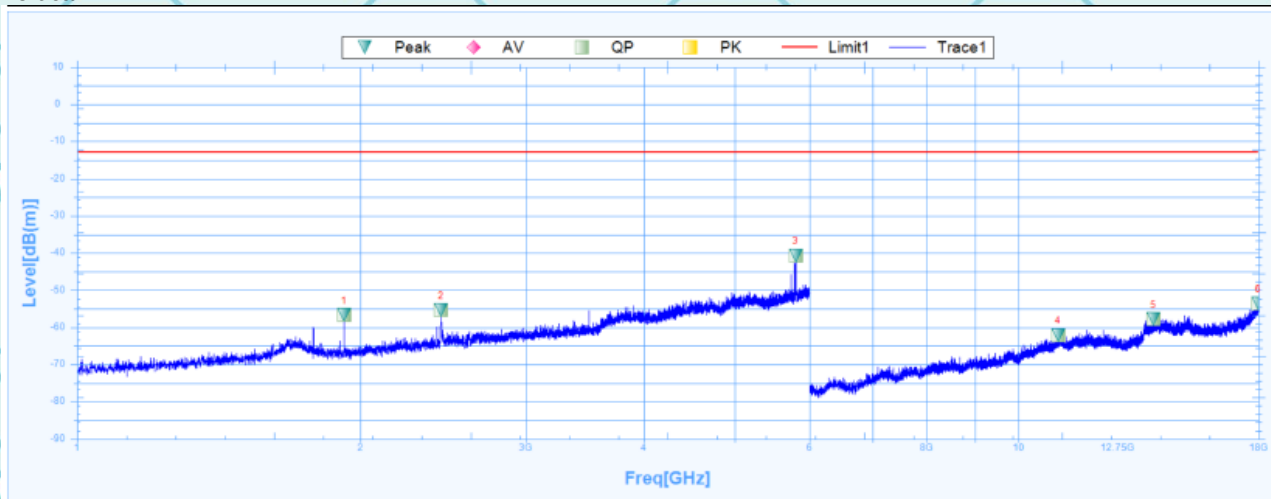


## Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2436.8750   | -56.26          | 27.39       | -83.65        | -13        | -43.26      | 342.4   | Horizontal | PK    | Pass    |
| 1   | 2436.8750   |                 | 27.39       |               | 54         |             | 342.4   | Horizontal | AV    | Pass    |
| 2   | 4399.3750   | -53.47          | 30.42       | -83.89        | -13        | -40.47      | 129.6   | Horizontal | PK    | Pass    |
| 2   | 4399.3750   |                 | 30.42       |               | 54         |             | 129.6   | Horizontal | AV    | Pass    |
| 3   | 5927.5000   | -47.91          | 32.68       | -80.59        | -13        | -34.91      | 350.2   | Horizontal | PK    | Pass    |
| 3   | 5927.5000   |                 | 32.68       |               | 54         |             | 350.2   | Horizontal | AV    | Pass    |
| 4   | 11088.0000  | -61.91          | 15.89       | -77.8         | -13        | -48.91      | 359.4   | Horizontal | PK    | Pass    |
| 4   | 11088.0000  |                 | 15.89       |               | 54         |             | 359.4   | Horizontal | AV    | Pass    |
| 5   | 13987.5000  | -57.87          | 19.09       | -76.96        | -13        | -44.87      | 291.4   | Horizontal | PK    | Pass    |
| 5   | 13987.5000  |                 | 19.09       |               | 54         |             | 291.4   | Horizontal | AV    | Pass    |
| 6   | 17913.0000  | -53.53          | 23.34       | -76.87        | -13        | -40.53      | 0       | Horizontal | PK    | Pass    |
| 6   | 17913.0000  |                 | 23.34       |               | 54         |             | 0       | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Vertical:



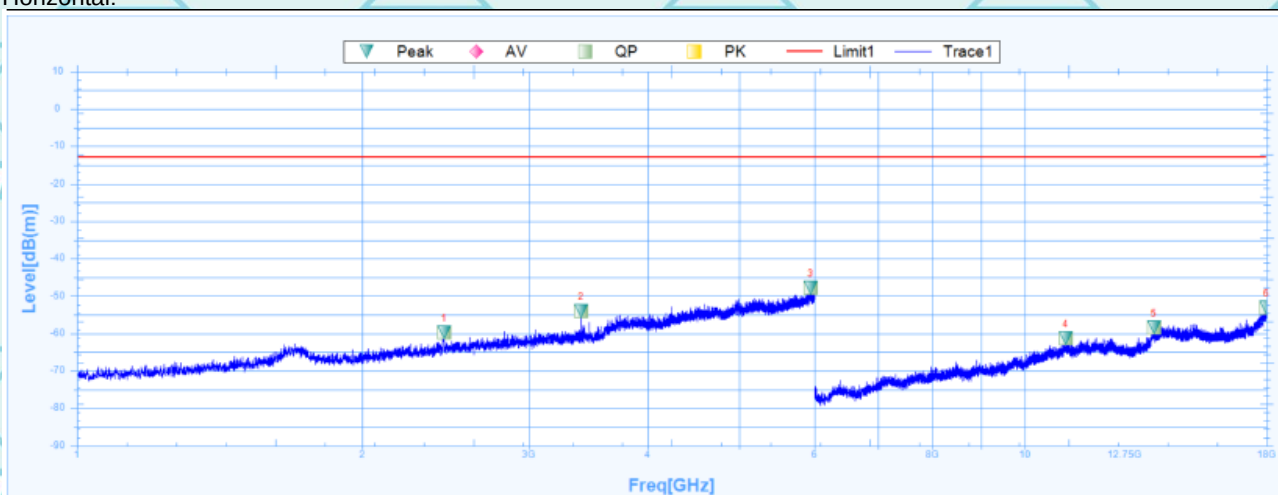
Susputed Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1921.8750   | -56.71          | 25.55       | -82.26        | -13        | -43.71      | 77      | Vertical | PK    | Pass    |
| 1   | 1921.8750   |                 | 25.55       |               | 54         |             | 77      | Vertical | AV    | Pass    |
| 2   | 2436.2500   | -55.27          | 27.38       | -82.65        | -13        | -42.27      | 352.9   | Vertical | PK    | Pass    |
| 2   | 2436.2500   |                 | 27.38       |               | 54         |             | 352.9   | Vertical | AV    | Pass    |
| 3   | 5799.3750   | -40.63          | 32.48       | -73.11        | -13        | -27.63      | 0.5     | Vertical | PK    | Pass    |
| 3   | 5799.3750   |                 | 32.48       |               | 54         |             | 0.5     | Vertical | AV    | Pass    |
| 4   | 11017.5000  | -62.06          | 15.67       | -77.73        | -13        | -49.06      | 185     | Vertical | PK    | Pass    |
| 4   | 11017.5000  |                 | 15.67       |               | 54         |             | 185     | Vertical | AV    | Pass    |
| 5   | 13918.5000  | -57.72          | 18.88       | -76.6         | -13        | -44.72      | 0       | Vertical | PK    | Pass    |
| 5   | 13918.5000  |                 | 18.88       |               | 54         |             | 0       | Vertical | AV    | Pass    |
| 6   | 17980.5000  | -53.52          | 23.79       | -77.31        | -13        | -40.52      | 61.8    | Vertical | PK    | Pass    |
| 6   | 17980.5000  |                 | 23.79       |               | 54         |             | 61.8    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Band 41:

Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2438.7500   | -59.71          | 27.39       | -87.1         | -13        | -46.71      | 318.5   | Horizontal | PK    | Pass    |
| 1   | 2438.7500   |                 | 27.39       |               | 54         |             | 318.5   | Horizontal | AV    | Pass    |
| 2   | 3405.0000   | -54.03          | 28.44       | -82.47        | -13        | -41.03      | 38.7    | Horizontal | PK    | Pass    |
| 2   | 3405.0000   |                 | 28.44       |               | 54         |             | 38.7    | Horizontal | AV    | Pass    |
| 3   | 5946.8750   | -47.73          | 32.71       | -80.44        | -13        | -34.73      | 331.6   | Horizontal | PK    | Pass    |
| 3   | 5946.8750   |                 | 32.71       |               | 54         |             | 331.6   | Horizontal | AV    | Pass    |
| 4   | 11044.5000  | -61.33          | 15.76       | -77.09        | -13        | -48.33      | -0.1    | Horizontal | PK    | Pass    |
| 4   | 11044.5000  |                 | 15.76       |               | 54         |             | -0.1    | Horizontal | AV    | Pass    |
| 5   | 13686.0000  | -58.39          | 18.22       | -76.61        | -13        | -45.39      | 150.3   | Horizontal | PK    | Pass    |
| 5   | 13686.0000  |                 | 18.22       |               | 54         |             | 150.3   | Horizontal | AV    | Pass    |
| 6   | 17992.5000  | -53.1           | 23.88       | -76.98        | -13        | -40.1       | 290.2   | Horizontal | PK    | Pass    |
| 6   | 17992.5000  |                 | 23.88       |               | 54         |             | 290.2   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



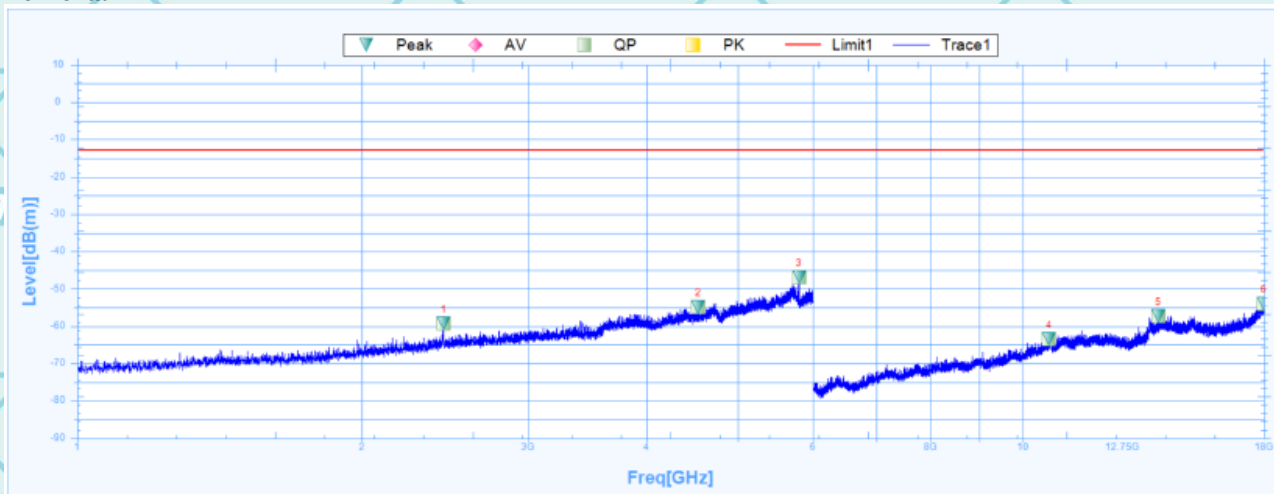
Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1712.5000   | -62.12          | 24.96       | -87.08        | -13        | -49.12      | 274.2   | Vertical | PK    | Pass    |
| 1   | 1712.5000   |                 | 24.96       |               | 54         |             | 274.2   | Vertical | AV    | Pass    |
| 2   | 2436.8750   | -57.36          | 27.39       | -84.75        | -13        | -44.36      | 57.8    | Vertical | PK    | Pass    |
| 2   | 2436.8750   |                 | 27.39       |               | 54         |             | 57.8    | Vertical | AV    | Pass    |
| 3   | 5955.6250   | -48.52          | 32.73       | -81.25        | -13        | -35.52      | 194.2   | Vertical | PK    | Pass    |
| 3   | 5955.6250   |                 | 32.73       |               | 54         |             | 194.2   | Vertical | AV    | Pass    |
| 4   | 10522.5000  | -63.07          | 14.02       | -77.09        | -13        | -50.07      | 344.9   | Vertical | PK    | Pass    |
| 4   | 10522.5000  |                 | 14.02       |               | 54         |             | 344.9   | Vertical | AV    | Pass    |
| 5   | 13614.0000  | -58.11          | 18.01       | -76.12        | -13        | -45.11      | 352.9   | Vertical | PK    | Pass    |
| 5   | 13614.0000  |                 | 18.01       |               | 54         |             | 352.9   | Vertical | AV    | Pass    |
| 6   | 17938.5000  | -53             | 23.51       | -76.51        | -13        | -40         | 43.9    | Vertical | PK    | Pass    |
| 6   | 17938.5000  |                 | 23.51       |               | 54         |             | 43.9    | Vertical | AV    | Pass    |

Report No.: WSCT-ANAB-R&E241100056A-RF

Band 42:

Horizontal:



**Susputed Data List**

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2441.2500   | -59.36          | 27.4        | -86.76        | -13        | -46.36      | 232.5   | Horizontal | PK    | Pass    |
| 1   | 2441.2500   |                 | 27.4        |               | 54         |             | 232.5   | Horizontal | AV    | Pass    |
| 2   | 4539.3750   | -54.96          | 30.68       | -85.64        | -13        | -41.96      | 257.5   | Horizontal | PK    | Pass    |
| 2   | 4539.3750   |                 | 30.68       |               | 54         |             | 257.5   | Horizontal | AV    | Pass    |
| 3   | 5800.6250   | -46.82          | 32.48       | -79.3         | -13        | -33.82      | 172.7   | Horizontal | PK    | Pass    |
| 3   | 5800.6250   |                 | 32.48       |               | 54         |             | 172.7   | Horizontal | AV    | Pass    |
| 4   | 10665.0000  | -63.56          | 14.54       | -78.1         | -13        | -50.56      | 202.9   | Horizontal | PK    | Pass    |
| 4   | 10665.0000  |                 | 14.54       |               | 54         |             | 202.9   | Horizontal | AV    | Pass    |
| 5   | 13918.5000  | -57.29          | 18.88       | -76.17        | -13        | -44.29      | 72.6    | Horizontal | PK    | Pass    |
| 5   | 13918.5000  |                 | 18.88       |               | 54         |             | 72.6    | Horizontal | AV    | Pass    |
| 6   | 17988.0000  | -54.05          | 23.84       | -77.89        | -13        | -41.05      | 212.5   | Horizontal | PK    | Pass    |
| 6   | 17988.0000  |                 | 23.84       |               | 54         |             | 212.5   | Horizontal | AV    | Pass    |

Report No.: WSCT-ANAB-R&amp;E241100056A-RF

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Reading [dB(m)] | Factor [dB] | Level [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|-----------------|-------------|---------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1922.5000   | -54.32          | 25.55       | -79.87        | -13        | -41.32      | 359.9   | Vertical | PK    | Pass    |
| 1   | 1922.5000   |                 | 25.55       |               | 54         |             | 359.9   | Vertical | AV    | Pass    |
| 2   | 3808.7500   | -57.56          | 29.24       | -86.8         | -13        | -44.56      | 118.7   | Vertical | PK    | Pass    |
| 2   | 3808.7500   |                 | 29.24       |               | 54         |             | 118.7   | Vertical | AV    | Pass    |
| 3   | 5736.8750   | -49.62          | 32.38       | -82           | -13        | -36.62      | 37.4    | Vertical | PK    | Pass    |
| 3   | 5736.8750   |                 | 32.38       |               | 54         |             | 37.4    | Vertical | AV    | Pass    |
| 4   | 11019.0000  | -61.87          | 15.67       | -77.54        | -13        | -48.87      | 38      | Vertical | PK    | Pass    |
| 4   | 11019.0000  |                 | 15.67       |               | 54         |             | 38      | Vertical | AV    | Pass    |
| 5   | 14509.5000  | -56.87          | 18.62       | -75.49        | -13        | -43.87      | 290.2   | Vertical | PK    | Pass    |
| 5   | 14509.5000  |                 | 18.62       |               | 54         |             | 290.2   | Vertical | AV    | Pass    |
| 6   | 17943.0000  | -53.05          | 23.53       | -76.58        | -13        | -40.05      | 213.7   | Vertical | PK    | Pass    |
| 6   | 17943.0000  |                 | 23.53       |               | 54         |             | 213.7   | Vertical | AV    | Pass    |