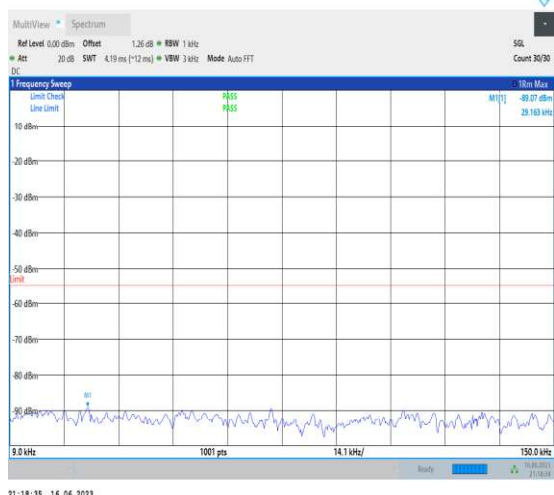


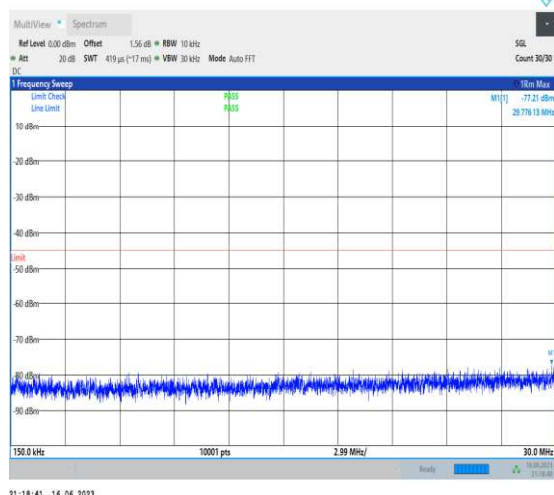
Report No.: SEWM2304000122RG02

Rev.: 01

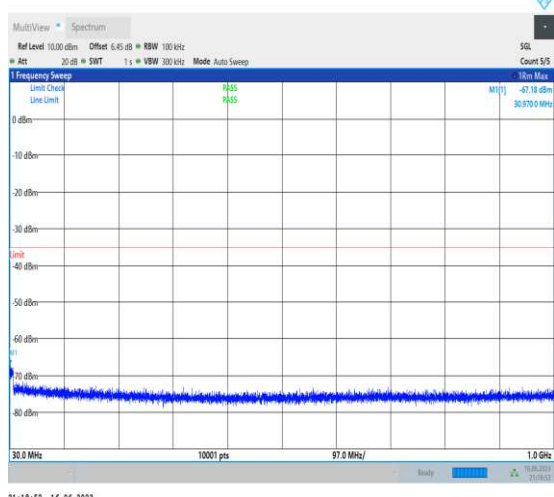
Page: 224 of 240



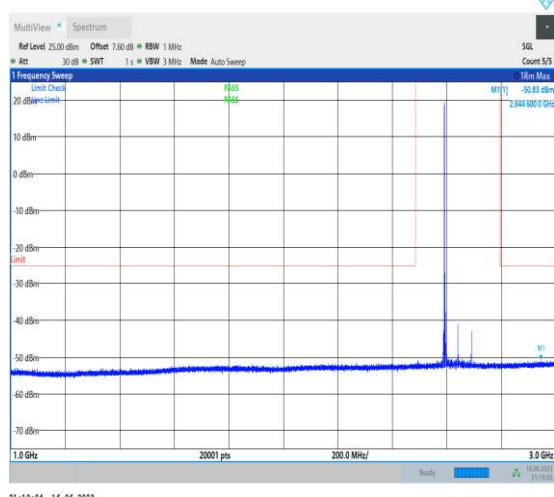
1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left  
-1@0-0.009-0.15-Ant1-0.03--89.07--55-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left  
-1@0-0.15-30-Ant1-29.78--77.21--45-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left  
-1@0-30-1000-Ant1-30.97--67.18--35-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left  
-1@0-1000-3000-Ant1-2944.60--50.83--25-PASS



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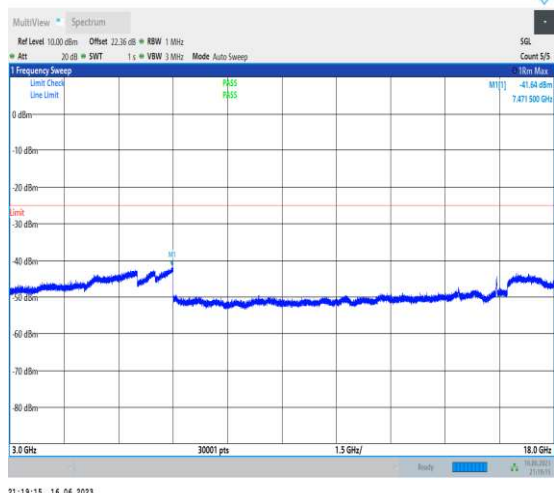
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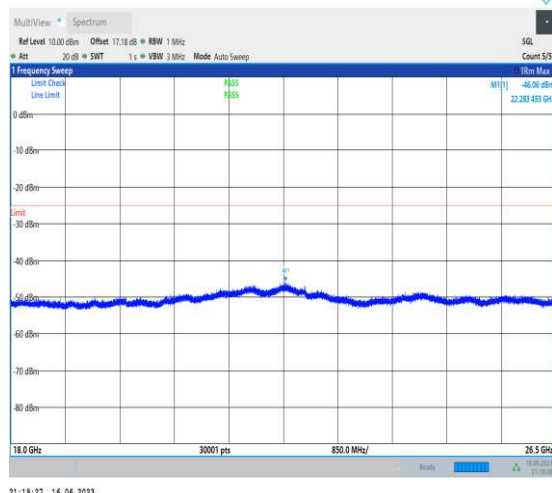
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 225 of 240



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left  
-1@0-3000-18000-Ant1-7471.50--41.64--25-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge\_1RB\_Left-  
1@0-18000-26500-Ant1-22283.43--46.06--25-PASS



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Report No.: SEWM2304000122RG02  
 Rev.: 01  
 Page: 226 of 240

## Field Strength of Spurious Radiation

**Test Band = SA Band 41\_ TM1**  
**Test Channel = Low Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 5002.2          | 50.56          | -107.58     | -57.02      | -25.00      | 32.02       | 263         | 135       | Horizontal |
| 2               | 7503.3          | 48.54          | -100.34     | -51.80      | -25.00      | 26.80       | 254         | 359       | Horizontal |
| 3               | 9831.4286       | 55.88          | -94.16      | -38.28      | -25.00      | 13.28       | 178         | 330       | Horizontal |
| 4               | 12505.5         | 43.61          | -91.38      | -47.77      | -25.00      | 22.77       | 265         | 360       | Horizontal |
| 5               | 15006.6         | 42.17          | -90.07      | -47.90      | -25.00      | 22.90       | 241         | 3         | Horizontal |
| 6               | 17695.7143      | 47.27          | -84.88      | -37.61      | -25.00      | 12.61       | 188         | 144       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5002.2          | 50.55          | -107.58     | -57.03      | -25.00      | 32.03       | 263         | 256       | Vertical |
| 2               | 7503.3          | 48.44          | -100.34     | -51.90      | -25.00      | 26.90       | 254         | 359       | Vertical |
| 3               | 9829.2857       | 59.51          | -94.17      | -34.66      | -25.00      | 9.66        | 178         | 310       | Vertical |
| 4               | 12505.5         | 44.02          | -91.38      | -47.36      | -25.00      | 22.36       | 265         | 256       | Vertical |
| 5               | 15006.6         | 42.83          | -90.07      | -47.24      | -25.00      | 22.24       | 241         | 310       | Vertical |
| 6               | 17507.7         | 40.38          | -86.50      | -46.12      | -25.00      | 21.12       | 145         | 3         | Vertical |



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Report No.: SEWM2304000122RG02  
 Rev.: 01  
 Page: 227 of 240

**Test Band = SA Band 41\_ TM1**

**Test Channel = Mid Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 5096.16         | 49.48          | -106.96     | -57.48      | -25.00      | 32.48       | 263         | 3         | Horizontal |
| 2               | 7644.24         | 49.43          | -99.76      | -50.33      | -25.00      | 25.33       | 254         | 230       | Horizontal |
| 3               | 10192.32        | 43.68          | -93.11      | -49.43      | -25.00      | 24.43       | 142         | 152       | Horizontal |
| 4               | 12740.4         | 43.91          | -91.03      | -47.12      | -25.00      | 22.12       | 262         | 221       | Horizontal |
| 5               | 15288.48        | 43.30          | -90.16      | -46.86      | -25.00      | 21.86       | 254         | 257       | Horizontal |
| 6               | 17695.7143      | 46.33          | -84.88      | -38.55      | -25.00      | 13.55       | 188         | 356       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5096.16         | 50.82          | -106.96     | -56.14      | -25.00      | 31.14       | 241         | 149       | Vertical |
| 2               | 7644.24         | 49.60          | -99.76      | -50.16      | -25.00      | 25.16       | 175         | 235       | Vertical |
| 3               | 10192.32        | 44.28          | -93.11      | -48.83      | -25.00      | 23.83       | 263         | 360       | Vertical |
| 4               | 12740.4         | 45.36          | -91.03      | -45.67      | -25.00      | 20.67       | 284         | 280       | Vertical |
| 5               | 15288.48        | 42.97          | -90.16      | -47.19      | -25.00      | 22.19       | 186         | 174       | Vertical |
| 6               | 17836.56        | 40.16          | -84.21      | -44.05      | -25.00      | 19.05       | 294         | 218       | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 228 of 240

**Test Band = SA Band 41\_ TM1**
**Test Channel = High Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 5190.18         | 49.66          | -106.82     | -57.16      | -25.00      | 32.16       | 241         | 211       | Horizontal |
| 2               | 7785.27         | 49.98          | -98.90      | -48.92      | -25.00      | 23.92       | 186         | 152       | Horizontal |
| 3               | 10380.36        | 43.61          | -92.87      | -49.26      | -25.00      | 24.26       | 254         | 360       | Horizontal |
| 4               | 12975.45        | 44.02          | -90.59      | -46.57      | -25.00      | 21.57       | 175         | 20        | Horizontal |
| 5               | 15570.54        | 42.43          | -90.76      | -48.33      | -25.00      | 23.33       | 265         | 143       | Horizontal |
| 6               | 17695.7143      | 47.70          | -84.88      | -37.18      | -25.00      | 12.18       | 241         | 3         | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5190.18         | 50.37          | -106.82     | -56.45      | -25.00      | 31.45       | 263         | 91        | Vertical |
| 2               | 7785.27         | 48.37          | -98.90      | -50.53      | -25.00      | 25.53       | 284         | 239       | Vertical |
| 3               | 10380.36        | 43.70          | -92.87      | -49.17      | -25.00      | 24.17       | 175         | 359       | Vertical |
| 4               | 12975.45        | 42.74          | -90.59      | -47.85      | -25.00      | 22.85       | 265         | 205       | Vertical |
| 5               | 15570.54        | 42.44          | -90.76      | -48.32      | -25.00      | 23.32       | 241         | 100       | Vertical |
| 6               | 17892.8571      | 42.77          | -84.13      | -41.36      | -25.00      | 16.36       | 178         | 57        | Vertical |



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 Rev.: 01  
 Page: 229 of 240

**Test Band = UL MIMO n41\_TM1**  
**Test Channel = Low Channel**

| Final Data List |                |                   |                |          |                |                |                |            |          |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity   |
| 1               | 1428.6429      | 24.02             | -0.39          | 25.74    | -45.89         | -25.00         | 20.89          | 195        | 317      | Horizontal |
| 2               | 3680.4272      | 53.64             | -49.68         | 30.34    | -60.96         | -25.00         | 35.96          | 177        | 241      | Horizontal |
| 3               | 6021.1208      | 49.76             | -45.46         | 34.46    | -56.50         | -25.00         | 31.50          | 174        | 67       | Horizontal |
| 4               | 9018.8408      | 47.99             | -41.73         | 38.76    | -50.24         | -25.00         | 25.24          | 156        | 306      | Horizontal |
| 5               | 11833.5533     | 46.29             | -38.74         | 39.77    | -47.94         | -25.00         | 22.94          | 264        | 323      | Horizontal |
| 6               | 17985.5994     | 47.36             | -43.84         | 42.71    | -49.03         | -25.00         | 24.03          | 156        | 72       | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |            |          |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity |
| 1               | 3757.8303      | 52.90             | -49.39         | 30.50    | -61.25         | -25.00         | 36.25          | 154        | 273      | Vertical |
| 2               | 6498.74        | 48.40             | -44.07         | 35.08    | -55.85         | -25.00         | 30.85          | 266        | 345      | Vertical |
| 3               | 8851.4341      | 47.92             | -42.47         | 38.59    | -51.22         | -25.00         | 26.22          | 201        | 323      | Vertical |
| 4               | 11219.1288     | 46.95             | -39.35         | 39.68    | -47.98         | -25.00         | 22.98          | 195        | 328      | Vertical |
| 5               | 13365.4146     | 46.10             | -39.27         | 40.30    | -48.13         | -25.00         | 23.13          | 265        | 110      | Vertical |
| 6               | 17912.9965     | 47.12             | -42.98         | 42.28    | -48.84         | -25.00         | 23.84          | 266        | 115      | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 230 of 240

**Test Band = UL MIMO n41\_TM1**  
**Test Channel = Mid Channel**

| Final Data List |                |                   |                |          |                |                |                |            |          |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity   |
| 1               | 1511.8512      | 23.50             | 0.09           | 25.67    | -46.00         | -25.00         | 21.00          | 221        | 240      | Horizontal |
| 2               | 3756.0302      | 52.31             | -49.38         | 30.50    | -61.83         | -25.00         | 36.83          | 331        | 360      | Horizontal |
| 3               | 5573.5029      | 50.48             | -45.54         | 33.29    | -57.03         | -25.00         | 32.03          | 215        | 209      | Horizontal |
| 4               | 7483.3793      | 48.62             | -43.29         | 36.63    | -53.30         | -25.00         | 28.30          | 295        | 286      | Horizontal |
| 5               | 11315.1326     | 47.33             | -39.48         | 39.62    | -47.79         | -25.00         | 22.79          | 251        | 67       | Horizontal |
| 6               | 17915.9966     | 47.07             | -42.98         | 42.30    | -48.87         | -25.00         | 23.87          | 265        | 275      | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |            |          |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity |
| 1               | 1511.2511      | 23.74             | 0.11           | 25.67    | -45.74         | -25.00         | 20.74          | 121        | 190      | Vertical |
| 2               | 3514.8206      | 52.61             | -49.24         | 29.89    | -62.00         | -25.00         | 37.00          | 182        | 198      | Vertical |
| 3               | 5697.1079      | 49.28             | -44.75         | 33.49    | -57.24         | -25.00         | 32.24          | 187        | 225      | Vertical |
| 4               | 7479.1792      | 48.85             | -43.32         | 36.64    | -53.09         | -25.00         | 28.09          | 188        | 306      | Vertical |
| 5               | 11787.9515     | 46.23             | -38.73         | 39.85    | -47.91         | -25.00         | 22.91          | 241        | 323      | Vertical |
| 6               | 17996.3999     | 47.79             | -44.10         | 42.78    | -48.79         | -25.00         | 23.79          | 157        | 328      | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 231 of 240

**Test Band = UL MIMO n41\_TM1**  
**Test Channel = High Channel**

| Final Data List |                |                   |                |          |                |                |                |            |          |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity   |
| 1               | 1439.2439      | 23.33             | -0.18          | 25.72    | -46.39         | -25.00         | 21.39          | 166        | 225      | Horizontal |
| 2               | 4417.2567      | 51.73             | -48.36         | 32.10    | -59.79         | -25.00         | 34.79          | 178        | 296      | Horizontal |
| 3               | 7483.9794      | 48.89             | -43.29         | 36.63    | -53.03         | -25.00         | 28.03          | 182        | 307      | Horizontal |
| 4               | 11186.1274     | 46.95             | -39.25         | 39.66    | -47.90         | -25.00         | 22.90          | 137        | 176      | Horizontal |
| 5               | 13359.4144     | 45.94             | -39.33         | 40.30    | -48.35         | -25.00         | 23.35          | 244        | 360      | Horizontal |
| 6               | 17995.7998     | 48.14             | -44.09         | 42.77    | -48.44         | -25.00         | 23.44          | 325        | 132      | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |            |          |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|----------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height[cm] | Angle[°] | Polarity |
| 1               | 3637.8255      | 52.51             | -49.26         | 30.35    | -61.66         | -25.00         | 36.66          | 254        | 29       | Vertical |
| 2               | 5686.3075      | 49.67             | -44.86         | 33.45    | -57.00         | -25.00         | 32.00          | 145        | 330      | Vertical |
| 3               | 7497.7799      | 48.90             | -43.19         | 36.60    | -52.95         | -25.00         | 27.95          | 304        | 29       | Vertical |
| 4               | 8981.6393      | 47.90             | -41.81         | 38.69    | -50.48         | -25.00         | 25.48          | 316        | 259      | Vertical |
| 5               | 11733.9494     | 46.46             | -38.73         | 39.64    | -47.89         | -25.00         | 22.89          | 168        | 296      | Vertical |
| 6               | 17911.7965     | 47.49             | -42.98         | 42.27    | -48.48         | -25.00         | 23.48          | 225        | 198      | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 232 of 240

**Test Band = DC\_5A-n41A\_TM1**
**Test Channel = Low Channel**

| Final Data List |                    |                   |                |                |                |                |                |              |            |
|-----------------|--------------------|-------------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 5002.2             | 49.88             | -107.58        | -57.70         | -25.00         | 32.70          | 263            | 11           | Horizontal |
| 2               | 7503.3             | 48.65             | -100.34        | -51.69         | -25.00         | 26.69          | 241            | 322          | Horizontal |
| 3               | 10004.4            | 45.27             | -93.89         | -48.62         | -25.00         | 23.62          | 178            | 0            | Horizontal |
| 4               | 12505.5            | 43.81             | -91.38         | -47.57         | -25.00         | 22.57          | 263            | 296          | Horizontal |
| 5               | 15006.6            | 43.44             | -90.07         | -46.63         | -25.00         | 21.63          | 254            | 331          | Horizontal |
| 6               | 17507.7            | 39.88             | -86.50         | -46.62         | -25.00         | 21.62          | 188            | 26           | Horizontal |

| Final Data List |                    |                   |                |                |                |                |                |              |          |
|-----------------|--------------------|-------------------|----------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 5002.2             | 50.71             | -107.58        | -56.87         | -25.00         | 31.87          | 263            | 331          | Vertical |
| 2               | 7503.3             | 48.33             | -100.34        | -52.01         | -25.00         | 27.01          | 284            | 357          | Vertical |
| 3               | 10004.4            | 45.08             | -93.89         | -48.81         | -25.00         | 23.81          | 176            | 315          | Vertical |
| 4               | 12505.5            | 43.40             | -91.38         | -47.98         | -25.00         | 22.98          | 251            | 176          | Vertical |
| 5               | 15006.6            | 42.65             | -90.07         | -47.42         | -25.00         | 22.42          | 144            | 324          | Vertical |
| 6               | 17507.7            | 39.83             | -86.50         | -46.67         | -25.00         | 21.67          | 196            | 219          | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 233 of 240

**Test Band = DC\_5A-n41A\_TM1**
**Test Channel = Mid Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 5096.16         | 49.69          | -106.96     | -57.27      | -25.00      | 32.27       | 263         | 324       | Horizontal |
| 2               | 7644.24         | 48.93          | -99.76      | -50.83      | -25.00      | 25.83       | 254         | 349       | Horizontal |
| 3               | 10192.32        | 44.16          | -93.11      | -48.95      | -25.00      | 23.95       | 186         | 332       | Horizontal |
| 4               | 12740.4         | 44.89          | -91.03      | -46.14      | -25.00      | 21.14       | 284         | 106       | Horizontal |
| 5               | 15288.48        | 42.35          | -90.16      | -47.81      | -25.00      | 22.81       | 175         | 228       | Horizontal |
| 6               | 17836.56        | 40.26          | -84.21      | -43.95      | -25.00      | 18.95       | 266         | 158       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5096.16         | 49.31          | -106.96     | -57.65      | -25.00      | 32.65       | 142         | 202       | Vertical |
| 2               | 7644.24         | 49.88          | -99.76      | -49.88      | -25.00      | 24.88       | 263         | 218       | Vertical |
| 3               | 10192.32        | 44.69          | -93.11      | -48.42      | -25.00      | 23.42       | 287         | 253       | Vertical |
| 4               | 12740.4         | 43.41          | -91.03      | -47.62      | -25.00      | 22.62       | 174         | 229       | Vertical |
| 5               | 15288.48        | 43.43          | -90.16      | -46.73      | -25.00      | 21.73       | 265         | 333       | Vertical |
| 6               | 17836.56        | 41.67          | -84.21      | -42.54      | -25.00      | 17.54       | 241         | 288       | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 234 of 240

**Test Band = DC\_5A-n41A\_ TM1**
**Test Channel = High Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 5190.18         | 50.11          | -106.82     | -56.71      | -25.00      | 31.71       | 400         | 11        | Horizontal |
| 2               | 7785.27         | 49.17          | -98.90      | -49.73      | -25.00      | 24.73       | 284         | 315       | Horizontal |
| 3               | 10380.36        | 43.44          | -92.87      | -49.43      | -25.00      | 24.43       | 176         | 105       | Horizontal |
| 4               | 12975.45        | 43.12          | -90.59      | -47.47      | -25.00      | 22.47       | 241         | 253       | Horizontal |
| 5               | 15570.54        | 43.19          | -90.76      | -47.57      | -25.00      | 22.57       | 144         | 122       | Horizontal |
| 6               | 17695.7143      | 46.05          | -84.88      | -38.83      | -25.00      | 13.83       | 266         | 217       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 5190.18         | 49.60          | -106.82     | -57.22      | -25.00      | 32.22       | 142         | 58        | Vertical |
| 2               | 7785.27         | 49.08          | -98.90      | -49.82      | -25.00      | 24.82       | 263         | 31        | Vertical |
| 3               | 10380.36        | 43.18          | -92.87      | -49.69      | -25.00      | 24.69       | 285         | 356       | Vertical |
| 4               | 12975.45        | 43.51          | -90.59      | -47.08      | -25.00      | 22.08       | 155         | 340       | Vertical |
| 5               | 15570.54        | 41.76          | -90.76      | -49.00      | -25.00      | 24.00       | 265         | 24        | Vertical |
| 6               | 17832.8571      | 41.95          | -84.22      | -42.27      | -25.00      | 17.27       | 241         | 304       | Vertical |



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Report No.: SEWM2304000122RG02  
 Rev.: 01  
 Page: 235 of 240

**Test Band = NR UL CA n25A-n41A\_ TM1**  
**Test Channel = Low Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3702.18         | 48.91          | -111.07     | -62.16      | -25.00      | 37.16       | 163         | 11        | Horizontal |
| 2               | 5002.2          | 49.97          | -107.58     | -57.61      | -25.00      | 32.61       | 251         | 82        | Horizontal |
| 3               | 5553.27         | 50.27          | -106.36     | -56.09      | -25.00      | 31.09       | 174         | 273       | Horizontal |
| 4               | 7404.36         | 49.94          | -100.77     | -50.83      | -25.00      | 25.83       | 156         | 143       | Horizontal |
| 5               | 7503.3          | 49.53          | -100.34     | -50.81      | -25.00      | 25.81       | 265         | 82        | Horizontal |
| 6               | 10004.4         | 46.44          | -93.89      | -47.45      | -25.00      | 22.45       | 241         | 221       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3702.18         | 49.31          | -111.07     | -61.76      | -25.00      | 36.76       | 263         | 80        | Vertical |
| 2               | 5002.2          | 50.26          | -107.58     | -57.32      | -25.00      | 32.32       | 254         | 88        | Vertical |
| 3               | 5553.27         | 50.47          | -106.36     | -55.89      | -25.00      | 30.89       | 174         | 37        | Vertical |
| 4               | 7404.36         | 48.16          | -100.77     | -52.61      | -25.00      | 27.61       | 185         | 211       | Vertical |
| 5               | 7503.3          | 49.09          | -100.34     | -51.25      | -25.00      | 26.25       | 265         | 334       | Vertical |
| 6               | 10004.4         | 45.04          | -93.89      | -48.85      | -25.00      | 23.85       | 235         | 114       | Vertical |



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Report No.: SEWM2304000122RG02  
 Rev.: 01  
 Page: 236 of 240

**Test Band = NR UL CA n25A-n41A\_ TM1**

**Test Channel = Mid Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3742.18         | 49.29          | -110.86     | -61.57      | -25.00      | 36.57       | 163         | 359       | Horizontal |
| 2               | 5096.16         | 50.69          | -106.96     | -56.27      | -25.00      | 31.27       | 251         | 133       | Horizontal |
| 3               | 5613.27         | 50.72          | -106.14     | -55.42      | -25.00      | 30.42       | 142         | 281       | Horizontal |
| 4               | 7484.36         | 48.22          | -100.43     | -52.21      | -25.00      | 27.21       | 263         | 211       | Horizontal |
| 5               | 7644.24         | 50.77          | -99.76      | -48.99      | -25.00      | 23.99       | 254         | 256       | Horizontal |
| 6               | 10192.32        | 43.64          | -93.11      | -49.47      | -25.00      | 24.47       | 188         | 359       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3742.18         | 48.86          | -110.86     | -62.00      | -25.00      | 37.00       | 142         | 162       | Vertical |
| 2               | 5096.16         | 49.31          | -106.96     | -57.65      | -25.00      | 32.65       | 263         | 360       | Vertical |
| 3               | 5613.27         | 50.19          | -106.14     | -55.95      | -25.00      | 30.95       | 254         | 110       | Vertical |
| 4               | 7484.36         | 48.56          | -100.43     | -51.87      | -25.00      | 26.87       | 184         | 180       | Vertical |
| 5               | 7644.24         | 49.32          | -99.76      | -50.44      | -25.00      | 25.44       | 163         | 329       | Vertical |
| 6               | 10192.32        | 43.39          | -93.11      | -49.72      | -25.00      | 24.72       | 244         | 359       | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 237 of 240

**Test Band = NR UL CA n25A-n41A\_ TM1**
**Test Channel = High Channel**

| Final Data List |                 |                |             |             |             |             |             |           |            |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1               | 3792.18         | 49.71          | -110.61     | -60.90      | -25.00      | 35.90       | 263         | 154       | Horizontal |
| 2               | 5190.18         | 50.36          | -106.82     | -56.46      | -25.00      | 31.46       | 241         | 343       | Horizontal |
| 3               | 5688.27         | 49.83          | -105.81     | -55.98      | -25.00      | 30.98       | 175         | 11        | Horizontal |
| 4               | 7584.36         | 49.43          | -99.90      | -50.47      | -25.00      | 25.47       | 263         | 54        | Horizontal |
| 5               | 7785.27         | 48.23          | -98.90      | -50.67      | -25.00      | 25.67       | 284         | 360       | Horizontal |
| 6               | 10380.36        | 42.78          | -92.87      | -50.09      | -25.00      | 25.09       | 144         | 154       | Horizontal |

| Final Data List |                 |                |             |             |             |             |             |           |          |
|-----------------|-----------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1               | 3792.18         | 49.39          | -110.61     | -61.22      | -25.00      | 36.22       | 263         | 11        | Vertical |
| 2               | 5190.18         | 49.85          | -106.82     | -56.97      | -25.00      | 31.97       | 241         | 169       | Vertical |
| 3               | 5688.27         | 49.44          | -105.81     | -56.37      | -25.00      | 31.37       | 175         | 358       | Vertical |
| 4               | 7584.36         | 49.01          | -99.90      | -50.89      | -25.00      | 25.89       | 263         | 135       | Vertical |
| 5               | 7785.27         | 49.01          | -98.90      | -49.89      | -25.00      | 24.89       | 241         | 256       | Vertical |
| 6               | 10380.36        | 43.56          | -92.87      | -49.31      | -25.00      | 24.31       | 196         | 350       | Vertical |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 238 of 240

## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | 0.200000      | 0.000077        | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | -4.400000     | -0.001697       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -0.800000     | -0.000309       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VH      | NT          | 0.200000      | 0.000077        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VN      | NT          | 4.400000      | 0.001697        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VL      | NT          | -4.600000     | -0.001774       | PASS    |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 239 of 240

## Frequency Error VS. Temperature

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -30         | -3.200000     | -0.001234       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -20         | -1.000000     | -0.000386       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -10         | -3.900000     | -0.001504       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 0           | -2.700000     | -0.001041       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 10          | -3.000000     | -0.001157       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 20          | -2.100000     | -0.000810       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 30          | -2.500000     | -0.000964       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 40          | -1.600000     | -0.000617       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 50          | -1.800000     | -0.000694       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -30         | 2.400000      | 0.000926        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -20         | -5.400000     | -0.002083       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -10         | -1.300000     | -0.000501       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 0           | -1.600000     | -0.000617       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 10          | -2.400000     | -0.000926       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 20          | -2.100000     | -0.000810       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 30          | 1.600000      | 0.000617        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 40          | 0.300000      | 0.000116        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 50          | -1.800000     | -0.000694       | PASS    |



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Report No.: SEWM2304000122RG02

Rev.: 01

Page: 240 of 240

**Test Result for MIMO**
**Frequency Error VS. Voltage**

| Voltage |     |           |             |         |            |         |             |                |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|----------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation (Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | -0.200000      | -0.000077       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | 2.300000       | 0.000887        | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -3.200000      | -0.001234       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VH      | NT          | -5.500000      | -0.002121       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VN      | NT          | 0.700000       | 0.000270        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | VL      | NT          | -2.800000      | -0.001080       | PASS    |

**Frequency Error VS. Temperature**

| Voltage |     |           |             |         |            |         |             |                |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|----------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation (Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -30         | -4.300000      | -0.001658       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -20         | -3.500000      | -0.001350       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | -10         | -2.300000      | -0.000887       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 0           | -3.700000      | -0.001427       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 10          | -4.300000      | -0.001658       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 20          | -2.800000      | -0.001080       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 30          | -12.400000     | -0.004782       | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 40          | 1.200000       | 0.000463        | PASS    |
| N41     | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | NV      | 50          | -0.900000      | -0.000347       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -30         | 7.000000       | 0.002700        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -20         | -5.500000      | -0.002121       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | -10         | 3.300000       | 0.001273        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 0           | -1.100000      | -0.000424       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 10          | -1.800000      | -0.000694       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 20          | 1.400000       | 0.000540        | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 30          | -5.100000      | -0.001967       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 40          | -3.600000      | -0.001388       | PASS    |
| N41     | 30  | 100       | CP-QPSK     | M       | Outer_Full | NV      | 50          | -2.400000      | -0.000926       | PASS    |

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