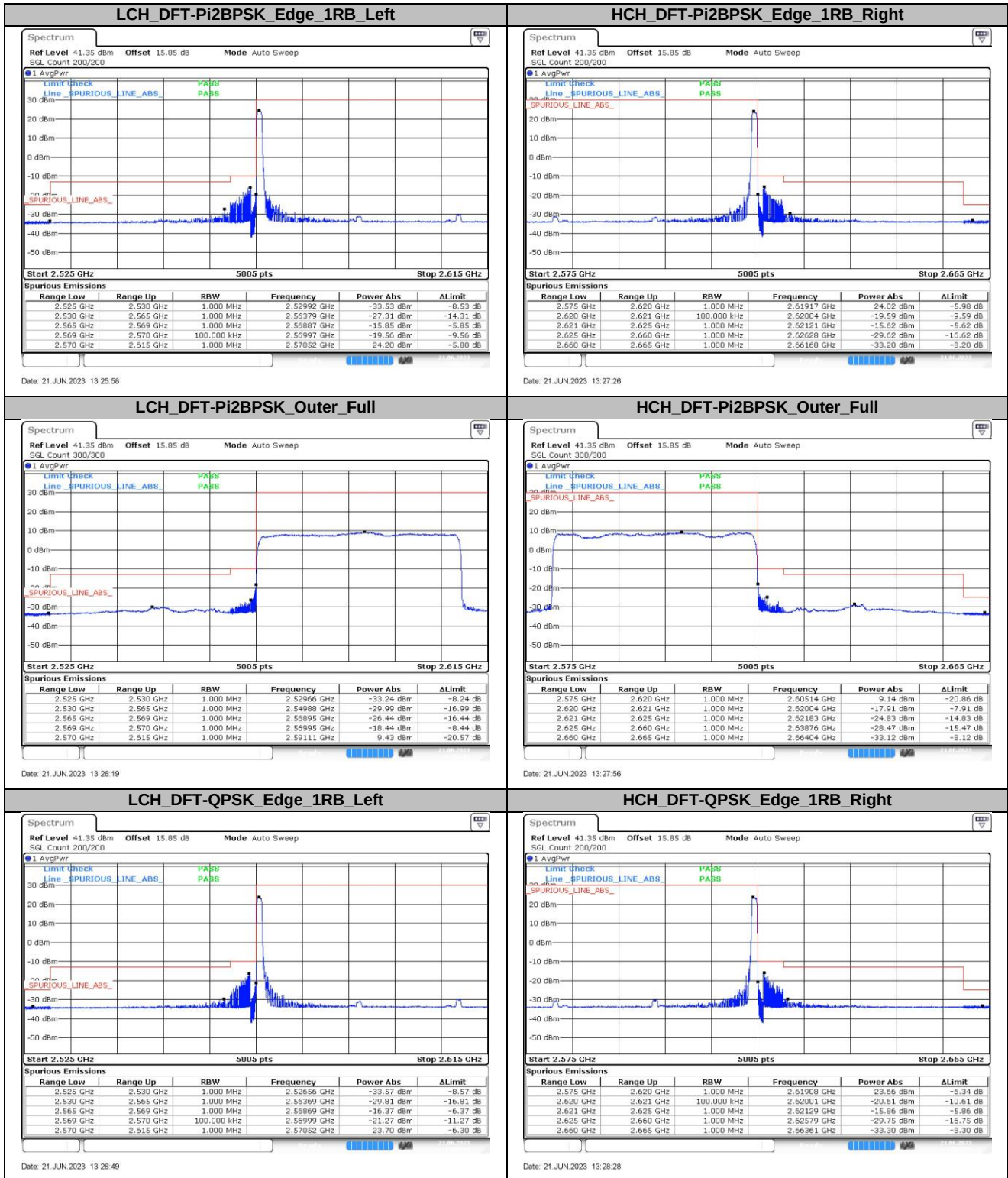
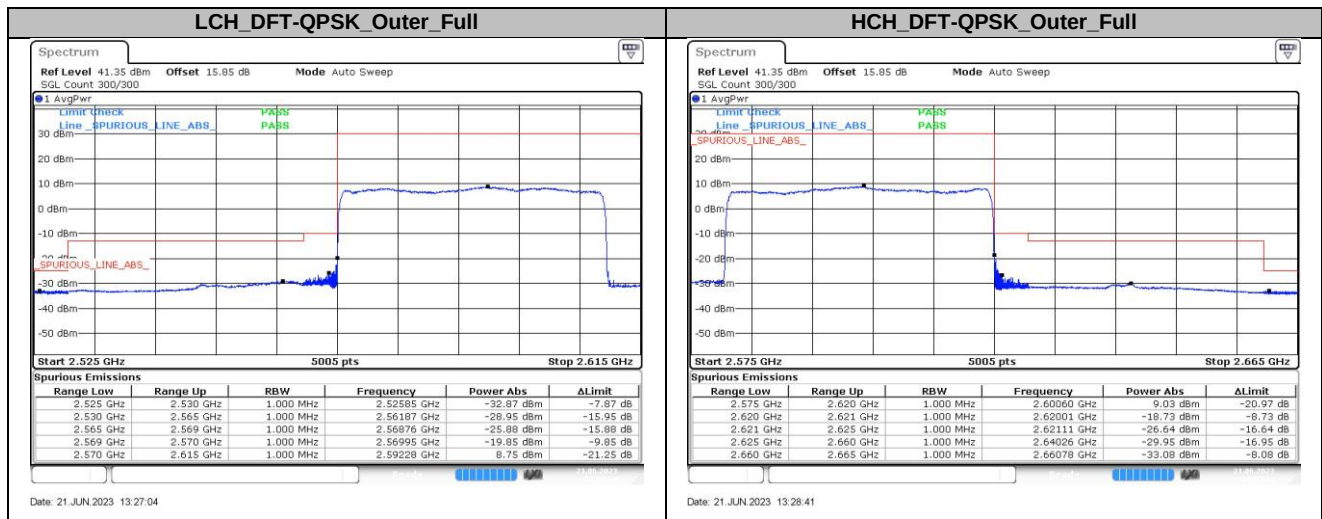


## 5.1.7. Bandwidth:40MHz

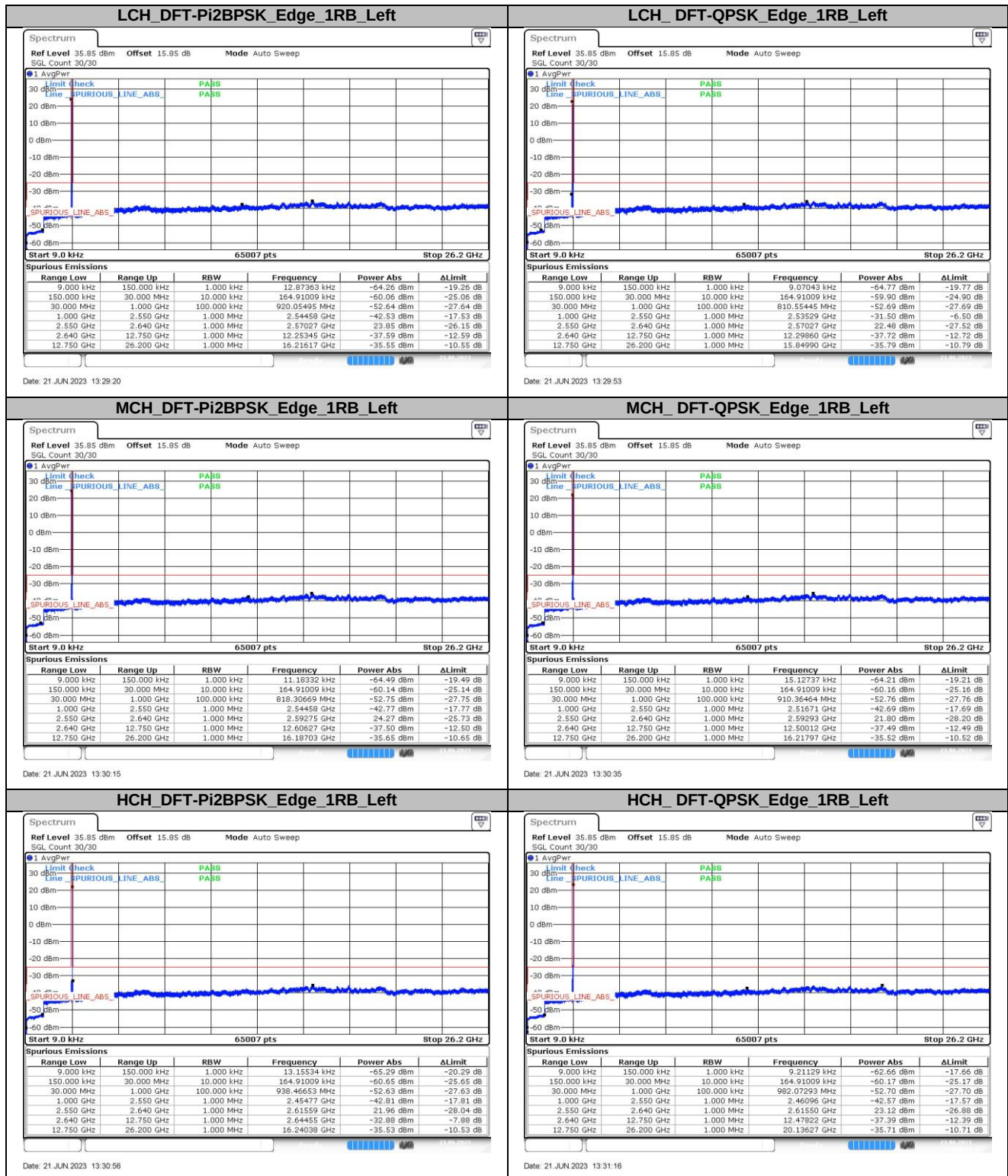




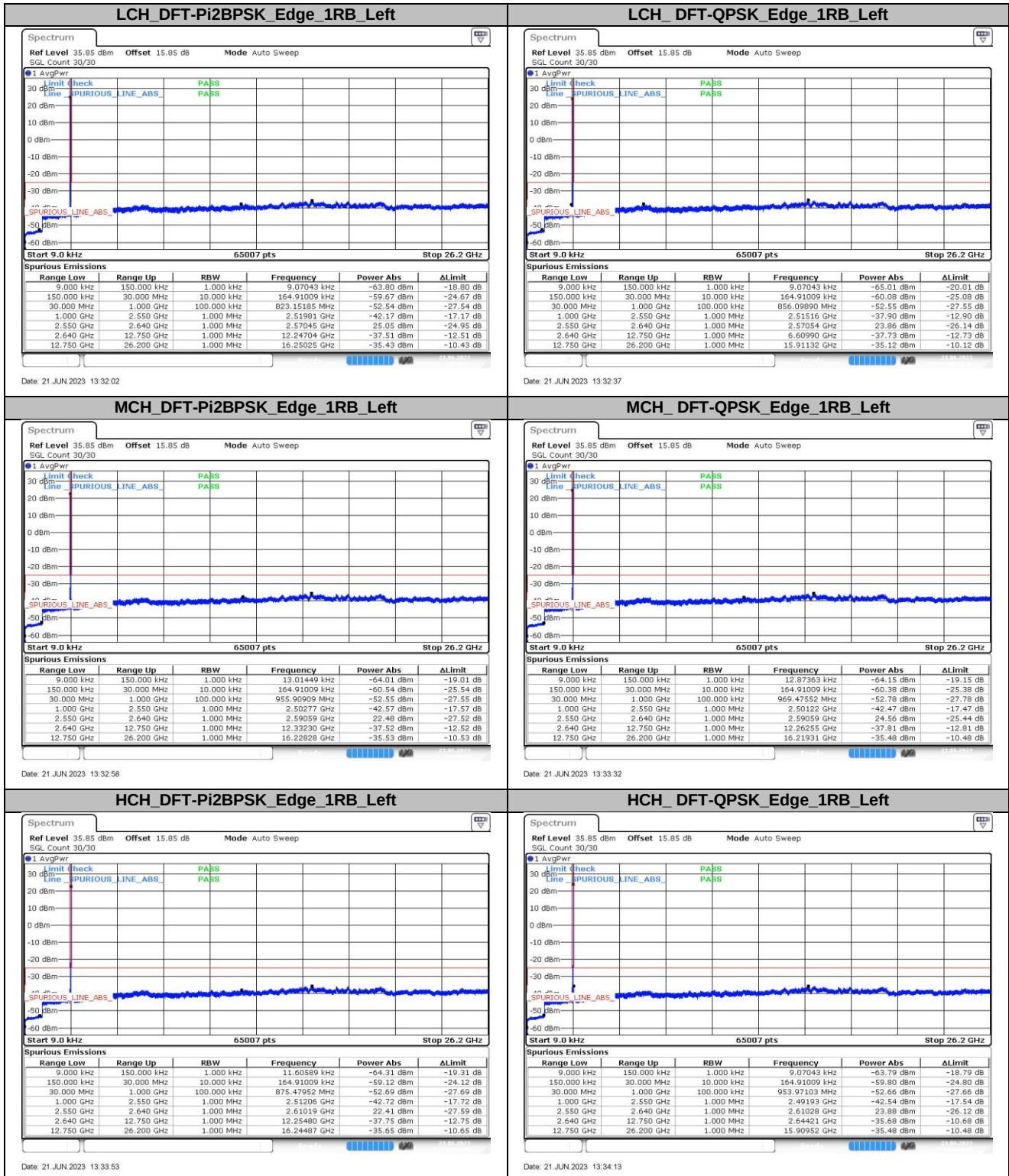
## 6. Conducted Spurious Emission

### 6.1. Test Plots

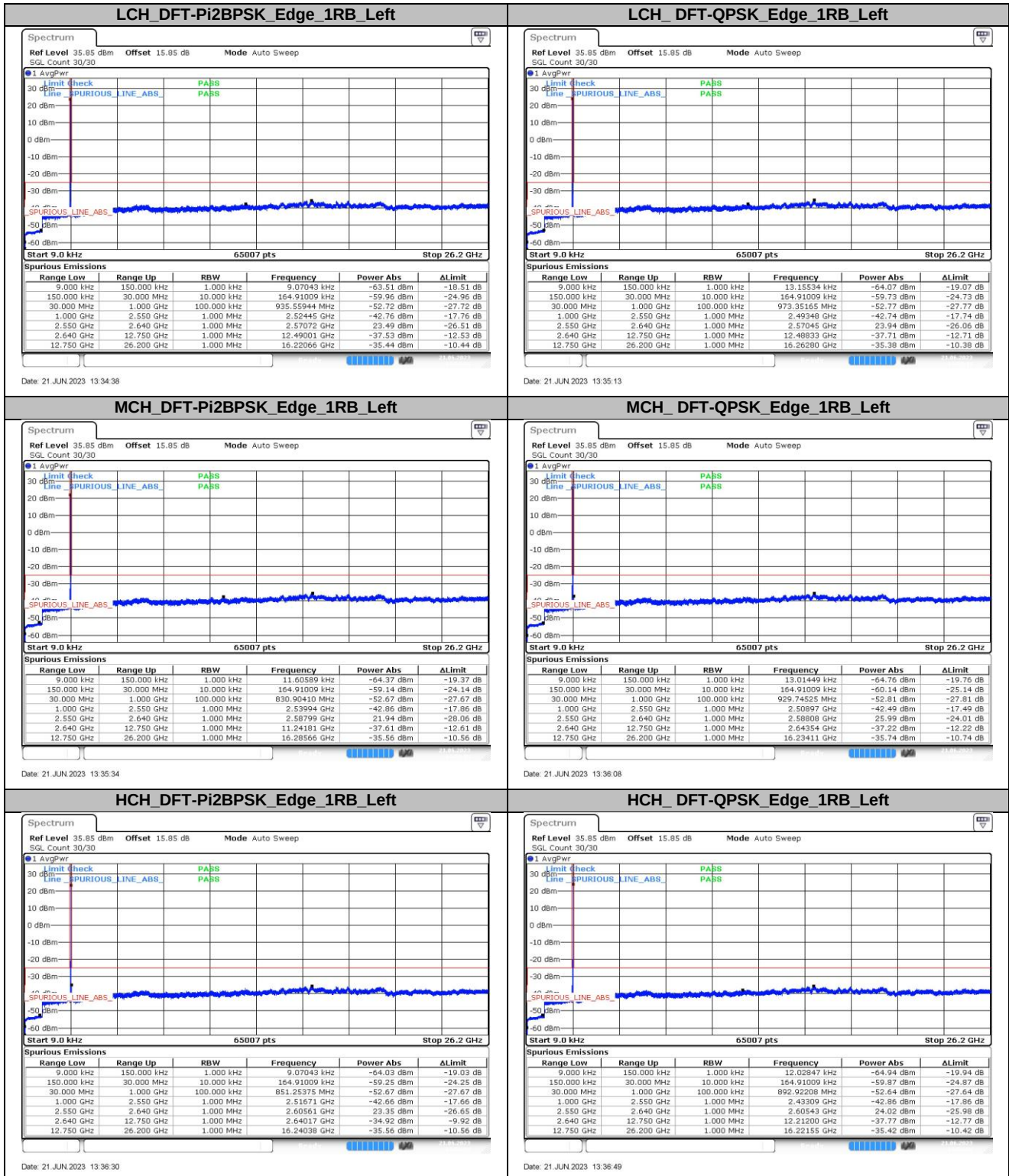
#### 6.1.1. Bandwidth:5MHz



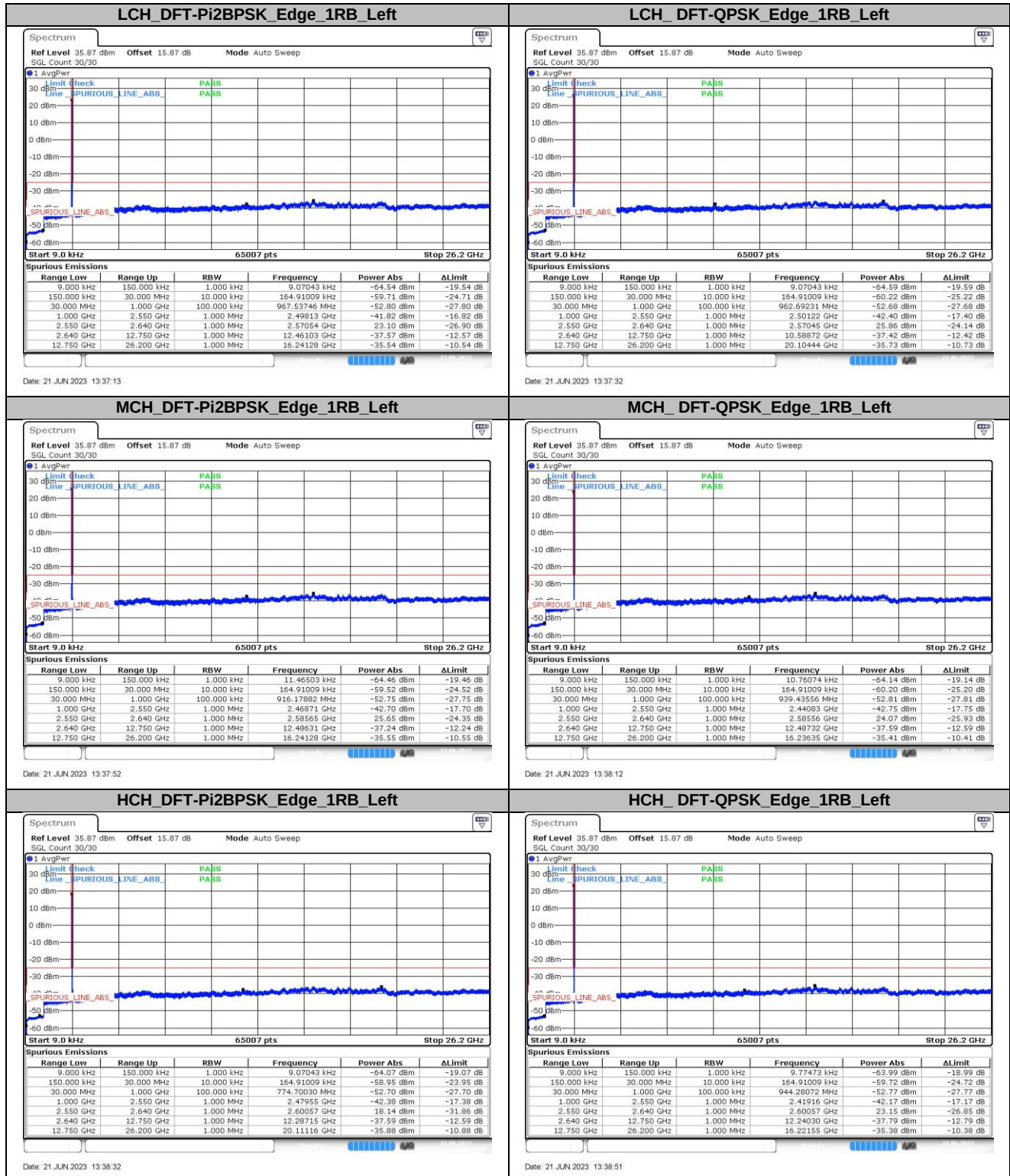
## 6.1.2. Bandwidth:10MHz



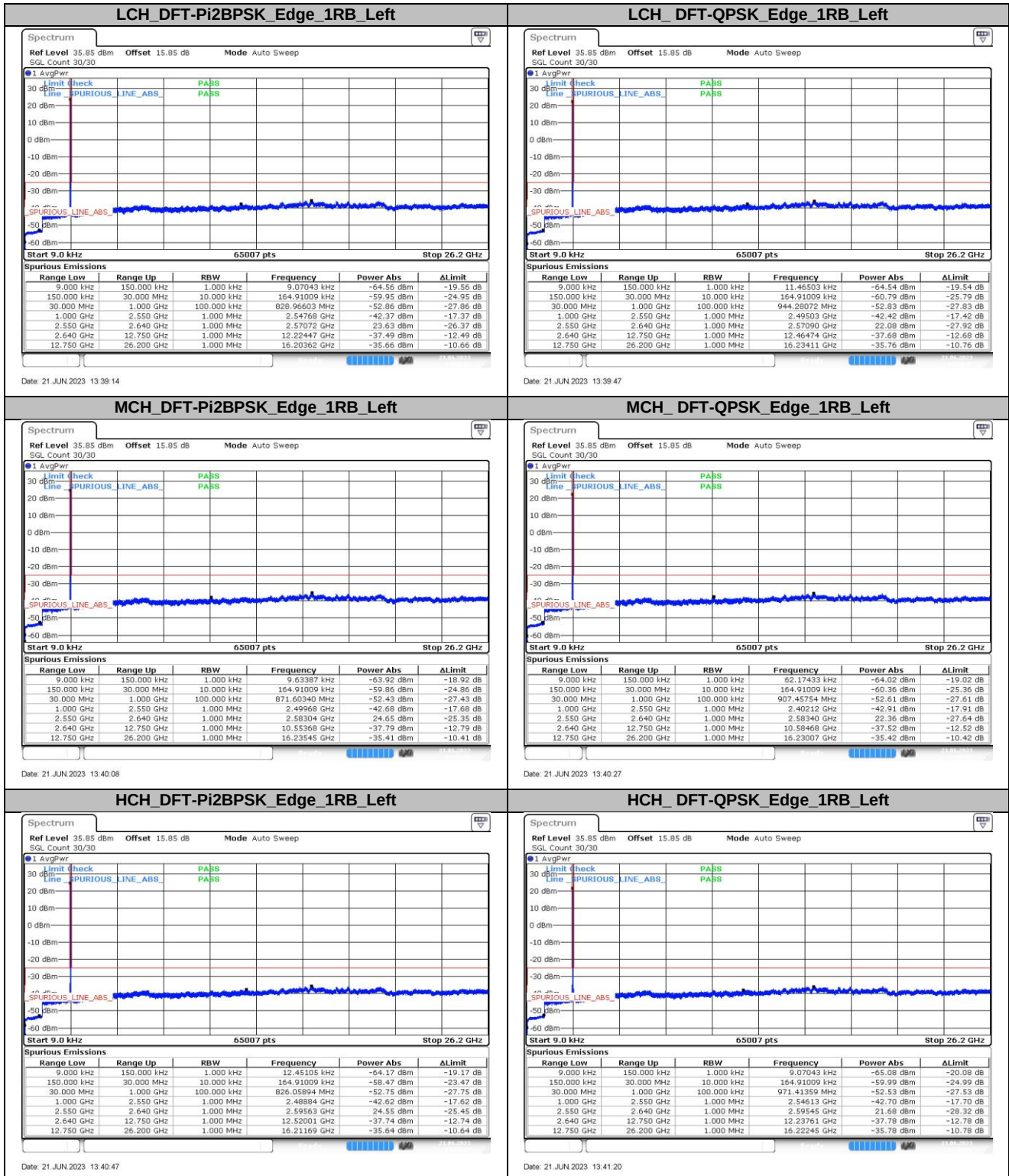
## 6.1.3. Bandwidth:15MHz



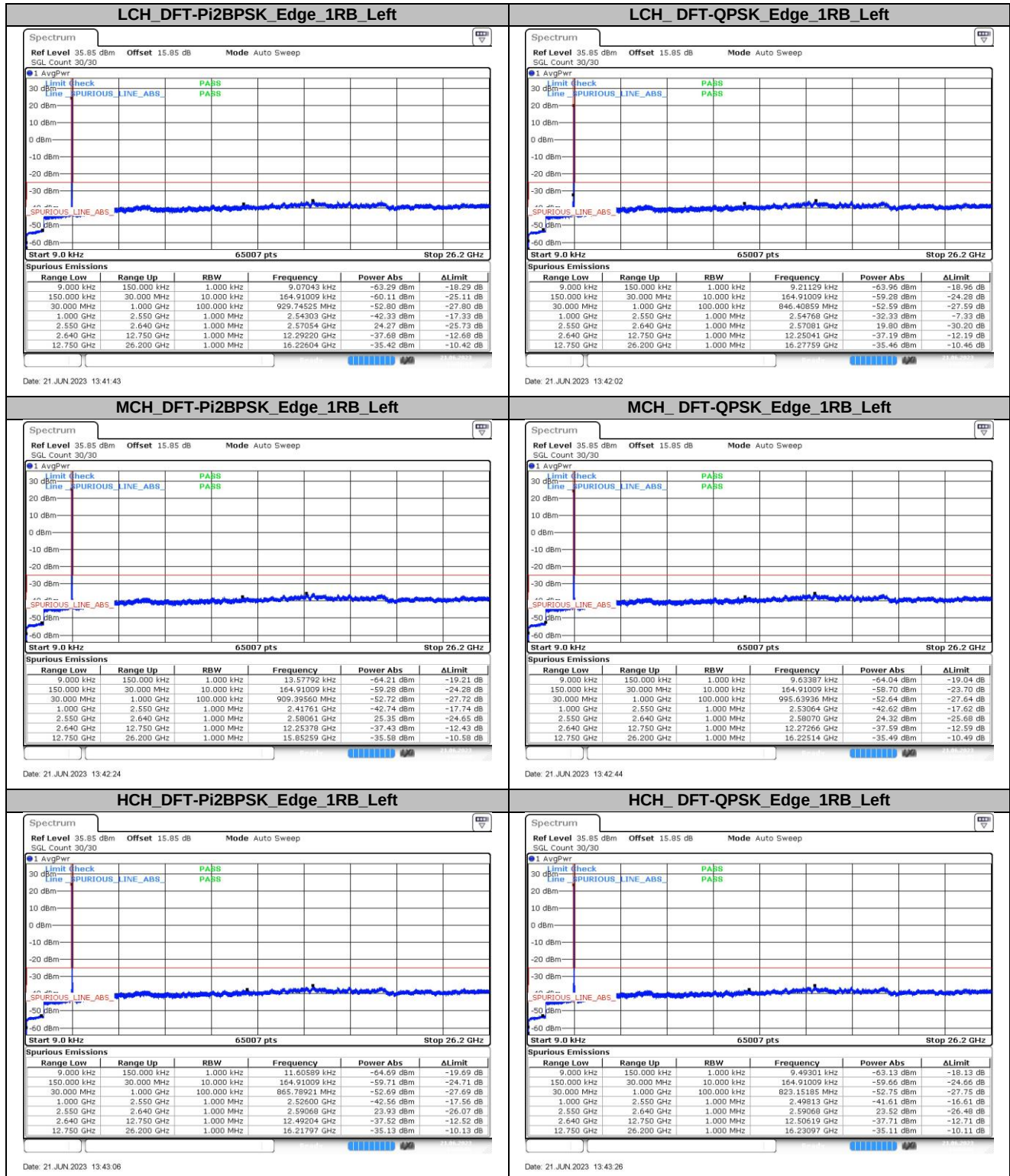
## 6.1.4. Bandwidth:20MHz



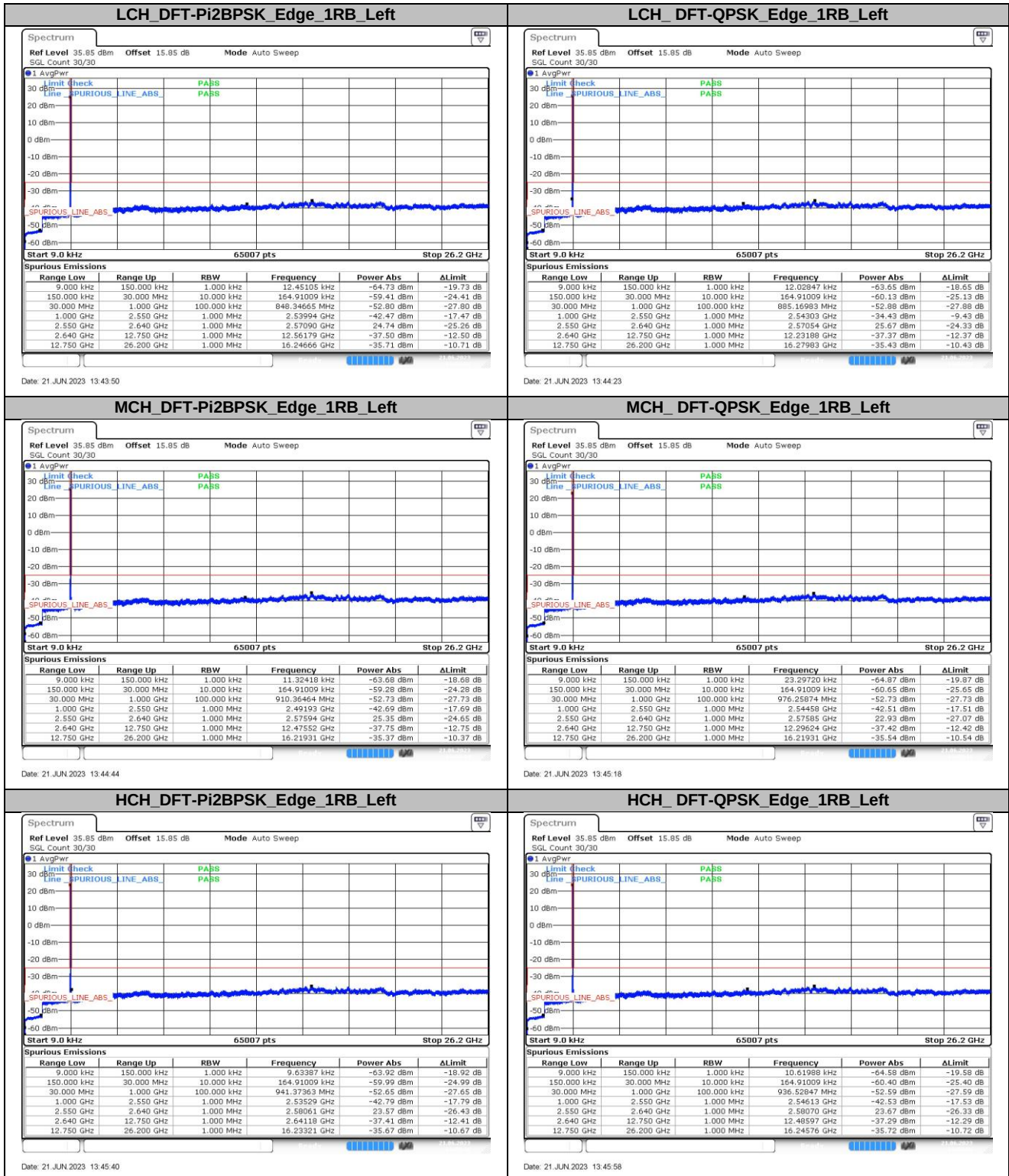
## 6.1.5. Bandwidth:25MHz



## 6.1.6. Bandwidth:30MHz



## 6.1.7. Bandwidth:40MHz



## 7. Frequency Stability

### 7.1. Test Results

#### 7.1.1. Frequency Error Vs Voltage

| SCS   | Bandwidth | Channel | RB Config  | Modulation | Temperature | Voltage | Deviation Result |           | Verdict |
|-------|-----------|---------|------------|------------|-------------|---------|------------------|-----------|---------|
|       |           |         |            |            |             |         | (Hz)             | (ppm)     |         |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | LV      | -3.30            | -0.001272 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | NV      | -1.50            | -0.000578 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | HV      | -4.40            | -0.001696 | Pass    |

#### 7.1.2. Frequency Error Vs Temperature

| SCS   | Bandwidth | Channel | RB Config  | Modulation | Temperature | Voltage | Deviation Result |           | Verdict |
|-------|-----------|---------|------------|------------|-------------|---------|------------------|-----------|---------|
|       |           |         |            |            |             |         | (Hz)             | (ppm)     |         |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | -30℃        | NV      | -7.30            | -0.002813 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | -20℃        | NV      | -7.10            | -0.002736 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | -10℃        | NV      | -7.60            | -0.002929 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 0℃          | NV      | -6.40            | -0.002466 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 10℃         | NV      | -6.70            | -0.002582 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 20℃         | NV      | -4.40            | -0.001696 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 30℃         | NV      | -7.40            | -0.002852 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 40℃         | NV      | -4.90            | -0.001888 | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | DFT-QPSK   | 50℃         | NV      | -5.60            | -0.002158 | Pass    |

The End

# **Appendix for n41A (2496-2690)**

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## 1. Effective Isotropic Radiated Power

### 1.1. Test Results @ Ant1 (Antenna Gain=-3.00dBi)

| SCS   | Bandwidth | Channel | Modulation  | Conducted Result (dBm) |                 |            | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|---------|-------------|------------------------|-----------------|------------|----------------|-------------|---------|
|       |           |         |             | Inner_1RB_Left         | Inner_1RB_Right | Inner_Full |                |             |         |
| 15KHz | 10MHz     | LCH     | DFT-Pi2BPSK | 22.92                  | 23.06           | 23.18      | 20.18          | 33.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-QPSK    | 22.96                  | 23.11           | 23.17      | 20.17          | 33.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-16QAM   | 22.05                  | 22.09           | 22.33      | 19.33          | 33.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-64QAM   | 20.55                  | 20.67           | 20.68      | 17.68          | 33.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-256QAM  | 18.59                  | 18.67           | 18.61      | 15.67          | 33.00       | Pass    |
| 15KHz | 10MHz     | LCH     | CP-QPSK     | 21.62                  | 21.64           | 21.73      | 18.73          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-Pi2BPSK | 22.74                  | 22.83           | 22.82      | 19.83          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-QPSK    | 22.77                  | 22.88           | 22.91      | 19.91          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-16QAM   | 21.71                  | 21.77           | 21.81      | 18.81          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-64QAM   | 20.20                  | 20.32           | 20.33      | 17.33          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-256QAM  | 18.35                  | 18.35           | 18.33      | 15.35          | 33.00       | Pass    |
| 15KHz | 10MHz     | MCH     | CP-QPSK     | 21.39                  | 21.28           | 21.42      | 18.42          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-Pi2BPSK | 23.32                  | 23.38           | 23.44      | 20.44          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-QPSK    | 23.44                  | 23.43           | 23.51      | 20.51          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-16QAM   | 22.16                  | 22.35           | 22.54      | 19.54          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-64QAM   | 20.76                  | 20.92           | 21.01      | 18.01          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-256QAM  | 19.13                  | 19.13           | 19.10      | 16.13          | 33.00       | Pass    |
| 15KHz | 10MHz     | HCH     | CP-QPSK     | 21.78                  | 21.94           | 21.96      | 18.96          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-Pi2BPSK | 22.92                  | 23.17           | 23.12      | 20.17          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-QPSK    | 23.13                  | 23.23           | 23.23      | 20.23          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-16QAM   | 22.08                  | 22.26           | 22.19      | 19.26          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-64QAM   | 20.52                  | 20.65           | 20.67      | 17.67          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-256QAM  | 18.41                  | 18.87           | 18.64      | 15.87          | 33.00       | Pass    |
| 15KHz | 15MHz     | LCH     | CP-QPSK     | 21.53                  | 21.58           | 21.75      | 18.75          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-Pi2BPSK | 22.85                  | 22.89           | 22.92      | 19.92          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-QPSK    | 22.80                  | 22.84           | 22.92      | 19.92          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-16QAM   | 21.68                  | 21.74           | 21.85      | 18.85          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-64QAM   | 20.35                  | 20.32           | 20.40      | 17.40          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-256QAM  | 18.24                  | 18.39           | 18.30      | 15.39          | 33.00       | Pass    |
| 15KHz | 15MHz     | MCH     | CP-QPSK     | 21.28                  | 21.34           | 21.37      | 18.37          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-Pi2BPSK | 23.22                  | 23.38           | 23.38      | 20.38          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-QPSK    | 23.21                  | 23.47           | 23.44      | 20.47          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-16QAM   | 22.11                  | 22.30           | 22.44      | 19.44          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-64QAM   | 20.72                  | 20.91           | 21.01      | 18.01          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-256QAM  | 19.00                  | 19.13           | 19.06      | 16.13          | 33.00       | Pass    |
| 15KHz | 15MHz     | HCH     | CP-QPSK     | 21.72                  | 21.90           | 21.95      | 18.95          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-Pi2BPSK | 22.91                  | 23.19           | 23.26      | 20.26          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-QPSK    | 23.11                  | 23.41           | 23.28      | 20.41          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-16QAM   | 21.91                  | 22.30           | 22.24      | 19.30          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-64QAM   | 20.43                  | 20.73           | 20.79      | 17.79          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-256QAM  | 18.63                  | 18.77           | 18.76      | 15.77          | 33.00       | Pass    |
| 15KHz | 20MHz     | LCH     | CP-QPSK     | 21.48                  | 21.77           | 21.69      | 18.77          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-Pi2BPSK | 22.83                  | 22.93           | 22.93      | 19.93          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-QPSK    | 22.92                  | 23.00           | 22.92      | 20.00          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-16QAM   | 21.69                  | 21.73           | 21.98      | 18.98          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-64QAM   | 20.32                  | 20.33           | 20.33      | 17.33          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-256QAM  | 18.48                  | 18.64           | 18.37      | 15.64          | 33.00       | Pass    |
| 15KHz | 20MHz     | MCH     | CP-QPSK     | 21.38                  | 21.34           | 21.40      | 18.40          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | DFT-Pi2BPSK | 23.22                  | 23.49           | 23.37      | 20.49          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | DFT-QPSK    | 23.43                  | 23.60           | 23.35      | 20.60          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | DFT-16QAM   | 22.29                  | 22.37           | 22.41      | 19.41          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | DFT-64QAM   | 20.75                  | 21.01           | 20.74      | 18.01          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | DFT-256QAM  | 18.97                  | 19.14           | 19.03      | 16.14          | 33.00       | Pass    |
| 15KHz | 20MHz     | HCH     | CP-QPSK     | 21.75                  | 21.98           | 21.97      | 18.98          | 33.00       | Pass    |
| 15KHz | 30MHz     | LCH     | DFT-Pi2BPSK | 22.70                  | 22.78           | 22.91      | 19.91          | 33.00       | Pass    |
| 15KHz | 30MHz     | LCH     | DFT-QPSK    | 22.79                  | 22.89           | 23.12      | 20.12          | 33.00       | Pass    |
| 15KHz | 30MHz     | LCH     | DFT-16QAM   | 21.64                  | 21.75           | 21.96      | 18.96          | 33.00       | Pass    |
| 15KHz | 30MHz     | LCH     | DFT-64QAM   | 20.17                  | 20.34           | 20.53      | 17.53          | 33.00       | Pass    |
| 15KHz | 30MHz     | LCH     | DFT-256QAM  | 18.43                  | 18.50           | 18.51      | 15.51          | 33.00       | Pass    |

|       |       |     |             |       |       |       |       |       |      |
|-------|-------|-----|-------------|-------|-------|-------|-------|-------|------|
| 15KHz | 30MHz | LCH | CP-QPSK     | 21.37 | 21.37 | 21.40 | 18.40 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-Pi2BPSK | 22.53 | 22.53 | 22.57 | 19.57 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-QPSK    | 22.58 | 22.50 | 22.59 | 19.59 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-16QAM   | 21.43 | 21.27 | 21.58 | 18.58 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-64QAM   | 19.95 | 19.82 | 20.14 | 17.14 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-256QAM  | 18.02 | 18.23 | 18.31 | 15.31 | 33.00 | Pass |
| 15KHz | 30MHz | MCH | CP-QPSK     | 21.14 | 21.00 | 21.09 | 18.14 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-Pi2BPSK | 22.57 | 22.83 | 23.00 | 20.00 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-QPSK    | 22.68 | 22.92 | 22.95 | 19.95 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-16QAM   | 21.58 | 21.86 | 21.91 | 18.91 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-64QAM   | 20.26 | 20.31 | 20.41 | 17.41 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-256QAM  | 18.38 | 18.62 | 18.60 | 15.62 | 33.00 | Pass |
| 15KHz | 30MHz | HCH | CP-QPSK     | 21.10 | 21.40 | 21.38 | 18.40 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-Pi2BPSK | 22.70 | 22.99 | 22.96 | 19.99 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-QPSK    | 22.87 | 22.97 | 22.93 | 19.97 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-16QAM   | 21.62 | 21.87 | 22.06 | 19.06 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-64QAM   | 20.33 | 20.55 | 20.56 | 17.56 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-256QAM  | 18.27 | 18.61 | 18.53 | 15.61 | 33.00 | Pass |
| 15KHz | 40MHz | LCH | CP-QPSK     | 21.24 | 21.33 | 21.48 | 18.48 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-Pi2BPSK | 22.69 | 22.50 | 22.58 | 19.69 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-QPSK    | 22.66 | 22.53 | 22.63 | 19.66 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-16QAM   | 21.41 | 21.38 | 21.70 | 18.70 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-64QAM   | 19.97 | 19.88 | 20.24 | 17.24 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-256QAM  | 18.12 | 18.15 | 18.30 | 15.30 | 33.00 | Pass |
| 15KHz | 40MHz | MCH | CP-QPSK     | 21.06 | 20.96 | 21.15 | 18.15 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-Pi2BPSK | 22.72 | 22.96 | 22.95 | 19.96 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-QPSK    | 22.81 | 22.97 | 22.81 | 19.97 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-16QAM   | 21.69 | 21.77 | 21.91 | 18.91 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-64QAM   | 20.25 | 20.35 | 20.42 | 17.42 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-256QAM  | 18.45 | 18.71 | 18.39 | 15.71 | 33.00 | Pass |
| 15KHz | 40MHz | HCH | CP-QPSK     | 21.21 | 21.41 | 21.37 | 18.41 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | DFT-Pi2BPSK | 23.22 | 23.01 | 23.17 | 20.22 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | DFT-QPSK    | 23.04 | 23.19 | 23.26 | 20.26 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | DFT-16QAM   | 21.83 | 21.94 | 22.21 | 19.21 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | DFT-64QAM   | 20.41 | 20.52 | 20.70 | 17.70 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | DFT-256QAM  | 18.76 | 18.93 | 18.70 | 15.93 | 33.00 | Pass |
| 30KHz | 10MHz | LCH | CP-QPSK     | 21.39 | 21.64 | 21.63 | 18.64 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | DFT-Pi2BPSK | 22.84 | 22.86 | 22.88 | 19.88 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | DFT-QPSK    | 22.79 | 22.81 | 22.95 | 19.95 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | DFT-16QAM   | 21.62 | 21.63 | 21.93 | 18.93 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | DFT-64QAM   | 20.14 | 20.12 | 20.39 | 17.39 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | DFT-256QAM  | 18.60 | 18.70 | 18.31 | 15.70 | 33.00 | Pass |
| 30KHz | 10MHz | MCH | CP-QPSK     | 21.36 | 21.43 | 21.41 | 18.43 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | DFT-Pi2BPSK | 23.33 | 23.40 | 23.51 | 20.51 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | DFT-QPSK    | 23.49 | 23.45 | 23.51 | 20.51 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | DFT-16QAM   | 22.18 | 22.23 | 22.61 | 19.61 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | DFT-64QAM   | 20.72 | 20.76 | 20.91 | 17.91 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | DFT-256QAM  | 19.27 | 19.27 | 19.06 | 16.27 | 33.00 | Pass |
| 30KHz | 10MHz | HCH | CP-QPSK     | 21.71 | 21.81 | 22.00 | 19.00 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | DFT-Pi2BPSK | 22.85 | 23.09 | 23.18 | 20.18 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | DFT-QPSK    | 23.15 | 23.49 | 23.24 | 20.49 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | DFT-16QAM   | 21.83 | 21.95 | 22.24 | 19.24 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | DFT-64QAM   | 20.36 | 20.54 | 20.78 | 17.78 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | DFT-256QAM  | 18.85 | 19.03 | 18.71 | 16.03 | 33.00 | Pass |
| 30KHz | 15MHz | LCH | CP-QPSK     | 21.26 | 21.67 | 21.76 | 18.76 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | DFT-Pi2BPSK | 22.86 | 22.83 | 22.89 | 19.89 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | DFT-QPSK    | 22.93 | 22.95 | 22.95 | 19.95 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | DFT-16QAM   | 21.65 | 21.73 | 22.01 | 19.01 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | DFT-64QAM   | 20.11 | 20.27 | 20.45 | 17.45 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | DFT-256QAM  | 18.55 | 18.76 | 18.44 | 15.76 | 33.00 | Pass |
| 30KHz | 15MHz | MCH | CP-QPSK     | 21.40 | 21.41 | 21.40 | 18.41 | 33.00 | Pass |
| 30KHz | 15MHz | HCH | DFT-Pi2BPSK | 23.28 | 23.39 | 23.42 | 20.42 | 33.00 | Pass |
| 30KHz | 15MHz | HCH | DFT-QPSK    | 23.51 | 23.32 | 23.46 | 20.51 | 33.00 | Pass |
| 30KHz | 15MHz | HCH | DFT-16QAM   | 22.12 | 22.26 | 22.47 | 19.47 | 33.00 | Pass |

|       |       |     |             |       |       |       |       |       |      |
|-------|-------|-----|-------------|-------|-------|-------|-------|-------|------|
| 30KHz | 15MHz | HCH | DFT-64QAM   | 20.66 | 20.75 | 21.00 | 18.00 | 33.00 | Pass |
| 30KHz | 15MHz | HCH | DFT-256QAM  | 19.14 | 19.28 | 19.02 | 16.28 | 33.00 | Pass |
| 30KHz | 15MHz | HCH | CP-QPSK     | 21.64 | 21.87 | 21.99 | 18.99 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | DFT-Pi2BPSK | 22.93 | 23.21 | 23.29 | 20.29 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | DFT-QPSK    | 23.21 | 23.52 | 23.34 | 20.52 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | DFT-16QAM   | 21.84 | 22.09 | 22.25 | 19.25 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | DFT-64QAM   | 20.34 | 20.66 | 20.80 | 17.80 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | DFT-256QAM  | 18.55 | 18.77 | 18.82 | 15.82 | 33.00 | Pass |
| 30KHz | 20MHz | LCH | CP-QPSK     | 21.35 | 21.76 | 21.94 | 18.94 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | DFT-Pi2BPSK | 22.88 | 22.91 | 22.95 | 19.95 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | DFT-QPSK    | 22.85 | 23.09 | 22.91 | 20.09 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | DFT-16QAM   | 21.94 | 22.01 | 21.95 | 19.01 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | DFT-64QAM   | 20.40 | 20.37 | 20.44 | 17.44 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | DFT-256QAM  | 18.32 | 18.47 | 18.43 | 15.47 | 33.00 | Pass |
| 30KHz | 20MHz | MCH | CP-QPSK     | 21.42 | 21.42 | 21.45 | 18.45 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | DFT-Pi2BPSK | 23.30 | 23.47 | 23.48 | 20.48 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | DFT-QPSK    | 23.43 | 23.56 | 23.49 | 20.56 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | DFT-16QAM   | 22.22 | 22.30 | 22.50 | 19.50 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | DFT-64QAM   | 20.67 | 20.79 | 20.99 | 17.99 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | DFT-256QAM  | 19.27 | 19.30 | 19.06 | 16.30 | 33.00 | Pass |
| 30KHz | 20MHz | HCH | CP-QPSK     | 21.76 | 21.81 | 22.02 | 19.02 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | DFT-Pi2BPSK | 22.75 | 22.85 | 22.92 | 19.92 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | DFT-QPSK    | 22.97 | 23.16 | 23.05 | 20.16 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | DFT-16QAM   | 21.56 | 21.71 | 22.01 | 19.01 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | DFT-64QAM   | 20.21 | 20.22 | 20.51 | 17.51 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | DFT-256QAM  | 18.48 | 18.79 | 18.46 | 15.79 | 33.00 | Pass |
| 30KHz | 30MHz | LCH | CP-QPSK     | 21.18 | 21.43 | 21.47 | 18.47 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | DFT-Pi2BPSK | 22.66 | 22.63 | 22.73 | 19.73 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | DFT-QPSK    | 22.64 | 22.50 | 22.79 | 19.79 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | DFT-16QAM   | 21.45 | 21.40 | 21.71 | 18.71 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | DFT-64QAM   | 19.87 | 19.83 | 20.29 | 17.29 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | DFT-256QAM  | 18.34 | 18.29 | 18.30 | 15.34 | 33.00 | Pass |
| 30KHz | 30MHz | MCH | CP-QPSK     | 21.15 | 21.06 | 21.19 | 18.19 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | DFT-Pi2BPSK | 22.53 | 22.92 | 22.97 | 19.97 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | DFT-QPSK    | 22.60 | 22.92 | 22.99 | 19.99 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | DFT-16QAM   | 21.34 | 21.74 | 22.08 | 19.08 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | DFT-64QAM   | 19.93 | 20.28 | 20.54 | 17.54 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | DFT-256QAM  | 18.43 | 18.85 | 18.54 | 15.85 | 33.00 | Pass |
| 30KHz | 30MHz | HCH | CP-QPSK     | 21.03 | 21.35 | 21.51 | 18.51 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | DFT-Pi2BPSK | 22.74 | 22.95 | 22.96 | 19.96 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | DFT-QPSK    | 22.98 | 23.05 | 23.02 | 20.05 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | DFT-16QAM   | 21.64 | 21.80 | 22.03 | 19.03 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | DFT-64QAM   | 20.17 | 20.29 | 20.50 | 17.50 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | DFT-256QAM  | 18.61 | 18.70 | 18.47 | 15.70 | 33.00 | Pass |
| 30KHz | 40MHz | LCH | CP-QPSK     | 21.30 | 21.50 | 21.46 | 18.50 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | DFT-Pi2BPSK | 22.67 | 22.51 | 22.65 | 19.67 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | DFT-QPSK    | 22.73 | 22.55 | 22.62 | 19.73 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | DFT-16QAM   | 21.51 | 21.32 | 21.71 | 18.71 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | DFT-64QAM   | 20.07 | 19.83 | 20.16 | 17.16 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | DFT-256QAM  | 18.48 | 18.47 | 18.26 | 15.48 | 33.00 | Pass |
| 30KHz | 40MHz | MCH | CP-QPSK     | 21.22 | 21.06 | 21.13 | 18.22 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | DFT-Pi2BPSK | 22.76 | 22.97 | 22.87 | 19.97 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | DFT-QPSK    | 22.67 | 23.23 | 22.87 | 20.23 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | DFT-16QAM   | 21.59 | 21.74 | 21.95 | 18.95 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | DFT-64QAM   | 20.18 | 20.29 | 20.47 | 17.47 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | DFT-256QAM  | 18.72 | 18.77 | 18.47 | 15.77 | 33.00 | Pass |
| 30KHz | 40MHz | HCH | CP-QPSK     | 21.17 | 21.46 | 21.42 | 18.46 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | DFT-Pi2BPSK | 22.72 | 22.98 | 23.03 | 20.03 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | DFT-QPSK    | 22.85 | 23.06 | 23.07 | 20.07 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | DFT-16QAM   | 21.62 | 21.89 | 22.14 | 19.14 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | DFT-64QAM   | 20.15 | 20.32 | 20.60 | 17.60 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | DFT-256QAM  | 18.73 | 18.73 | 18.52 | 15.73 | 33.00 | Pass |
| 30KHz | 50MHz | LCH | CP-QPSK     | 21.19 | 21.55 | 21.57 | 18.57 | 33.00 | Pass |
| 30KHz | 50MHz | MCH | DFT-Pi2BPSK | 22.77 | 22.57 | 22.69 | 19.77 | 33.00 | Pass |

|       |       |     |             |       |       |       |       |       |      |
|-------|-------|-----|-------------|-------|-------|-------|-------|-------|------|
| 30KHz | 50MHz | MCH | DFT-QPSK    | 22.68 | 22.57 | 22.68 | 19.68 | 33.00 | Pass |
| 30KHz | 50MHz | MCH | DFT-16QAM   | 21.56 | 21.38 | 21.73 | 18.73 | 33.00 | Pass |
| 30KHz | 50MHz | MCH | DFT-64QAM   | 20.07 | 19.93 | 20.19 | 17.19 | 33.00 | Pass |
| 30KHz | 50MHz | MCH | DFT-256QAM  | 18.52 | 18.38 | 18.25 | 15.52 | 33.00 | Pass |
| 30KHz | 50MHz | MCH | CP-QPSK     | 21.29 | 21.08 | 21.17 | 18.29 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | DFT-Pi2BPSK | 22.60 | 22.98 | 22.90 | 19.98 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | DFT-QPSK    | 22.54 | 22.88 | 22.91 | 19.91 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | DFT-16QAM   | 21.40 | 21.76 | 21.95 | 18.95 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | DFT-64QAM   | 19.92 | 20.30 | 20.38 | 17.38 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | DFT-256QAM  | 18.41 | 18.74 | 18.43 | 15.74 | 33.00 | Pass |
| 30KHz | 50MHz | HCH | CP-QPSK     | 21.09 | 21.38 | 21.38 | 18.38 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | DFT-Pi2BPSK | 22.65 | 22.92 | 23.07 | 20.07 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | DFT-QPSK    | 22.81 | 22.83 | 23.09 | 20.09 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | DFT-16QAM   | 21.80 | 22.00 | 22.03 | 19.03 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | DFT-64QAM   | 20.17 | 20.35 | 20.56 | 17.56 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | DFT-256QAM  | 18.23 | 18.30 | 18.43 | 15.43 | 33.00 | Pass |
| 30KHz | 60MHz | LCH | CP-QPSK     | 21.16 | 21.37 | 21.59 | 18.59 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | DFT-Pi2BPSK | 22.73 | 22.51 | 22.67 | 19.73 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | DFT-QPSK    | 22.80 | 22.42 | 22.70 | 19.80 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | DFT-16QAM   | 21.66 | 21.49 | 21.68 | 18.68 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | DFT-64QAM   | 20.22 | 19.93 | 20.17 | 17.22 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | DFT-256QAM  | 18.19 | 18.00 | 18.23 | 15.23 | 33.00 | Pass |
| 30KHz | 60MHz | MCH | CP-QPSK     | 21.17 | 21.02 | 21.19 | 18.19 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | DFT-Pi2BPSK | 22.30 | 22.95 | 22.83 | 19.95 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | DFT-QPSK    | 22.41 | 23.00 | 22.87 | 20.00 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | DFT-16QAM   | 21.23 | 21.70 | 21.88 | 18.88 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | DFT-64QAM   | 19.71 | 20.24 | 20.43 | 17.43 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | DFT-256QAM  | 18.20 | 18.89 | 18.48 | 15.89 | 33.00 | Pass |
| 30KHz | 60MHz | HCH | CP-QPSK     | 20.89 | 21.32 | 21.49 | 18.49 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | DFT-Pi2BPSK | 22.79 | 23.17 | 23.21 | 20.21 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | DFT-QPSK    | 22.93 | 23.37 | 23.12 | 20.37 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | DFT-16QAM   | 21.67 | 21.97 | 22.22 | 19.22 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | DFT-64QAM   | 20.25 | 20.52 | 20.67 | 17.67 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | DFT-256QAM  | 18.79 | 18.93 | 18.81 | 15.93 | 33.00 | Pass |
| 30KHz | 70MHz | LCH | CP-QPSK     | 21.23 | 21.63 | 21.66 | 18.66 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | DFT-Pi2BPSK | 22.72 | 22.70 | 22.85 | 19.85 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | DFT-QPSK    | 22.63 | 22.64 | 22.73 | 19.73 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | DFT-16QAM   | 21.50 | 21.47 | 21.80 | 18.80 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | DFT-64QAM   | 20.07 | 20.05 | 20.36 | 17.36 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | DFT-256QAM  | 18.55 | 18.62 | 18.39 | 15.62 | 33.00 | Pass |
| 30KHz | 70MHz | MCH | CP-QPSK     | 21.17 | 21.20 | 21.28 | 18.28 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | DFT-Pi2BPSK | 22.47 | 23.14 | 23.02 | 20.14 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | DFT-QPSK    | 22.46 | 23.46 | 23.14 | 20.46 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | DFT-16QAM   | 21.39 | 22.01 | 22.14 | 19.14 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | DFT-64QAM   | 19.98 | 20.63 | 20.54 | 17.63 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | DFT-256QAM  | 18.42 | 19.02 | 18.59 | 16.02 | 33.00 | Pass |
| 30KHz | 70MHz | HCH | CP-QPSK     | 21.01 | 21.67 | 21.46 | 18.67 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | DFT-Pi2BPSK | 22.81 | 23.00 | 23.15 | 20.15 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | DFT-QPSK    | 22.93 | 23.23 | 23.29 | 20.29 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | DFT-16QAM   | 21.74 | 21.95 | 22.26 | 19.26 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | DFT-64QAM   | 20.11 | 20.35 | 20.72 | 17.72 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | DFT-256QAM  | 18.65 | 18.82 | 18.75 | 15.82 | 33.00 | Pass |
| 30KHz | 80MHz | LCH | CP-QPSK     | 21.31 | 21.53 | 21.59 | 18.59 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | DFT-Pi2BPSK | 22.58 | 22.64 | 22.78 | 19.78 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | DFT-QPSK    | 22.76 | 22.72 | 22.82 | 19.82 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | DFT-16QAM   | 21.42 | 21.44 | 21.81 | 18.81 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | DFT-64QAM   | 20.10 | 20.09 | 20.43 | 17.43 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | DFT-256QAM  | 18.43 | 18.48 | 18.25 | 15.48 | 33.00 | Pass |
| 30KHz | 80MHz | MCH | CP-QPSK     | 21.13 | 21.19 | 21.22 | 18.22 | 33.00 | Pass |
| 30KHz | 80MHz | HCH | DFT-Pi2BPSK | 22.52 | 23.09 | 22.96 | 20.09 | 33.00 | Pass |
| 30KHz | 80MHz | HCH | DFT-QPSK    | 22.71 | 23.20 | 22.94 | 20.20 | 33.00 | Pass |
| 30KHz | 80MHz | HCH | DFT-16QAM   | 21.29 | 21.95 | 22.05 | 19.05 | 33.00 | Pass |
| 30KHz | 80MHz | HCH | DFT-64QAM   | 19.91 | 20.72 | 20.52 | 17.72 | 33.00 | Pass |
| 30KHz | 80MHz | HCH | DFT-256QAM  | 18.33 | 19.01 | 18.51 | 16.01 | 33.00 | Pass |

|       |        |     |             |       |       |       |       |       |      |
|-------|--------|-----|-------------|-------|-------|-------|-------|-------|------|
| 30KHz | 80MHz  | HCH | CP-QPSK     | 21.06 | 21.60 | 21.51 | 18.60 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | DFT-Pi2BPSK | 22.76 | 23.04 | 23.17 | 20.17 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | DFT-QPSK    | 22.79 | 22.93 | 23.15 | 20.15 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | DFT-16QAM   | 21.73 | 21.86 | 22.15 | 19.15 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | DFT-64QAM   | 20.11 | 20.44 | 20.62 | 17.62 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | DFT-256QAM  | 18.61 | 18.94 | 18.67 | 15.94 | 33.00 | Pass |
| 30KHz | 90MHz  | LCH | CP-QPSK     | 21.40 | 21.50 | 21.64 | 18.64 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | DFT-Pi2BPSK | 22.56 | 22.82 | 22.78 | 19.82 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | DFT-QPSK    | 22.75 | 22.86 | 22.79 | 19.86 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | DFT-16QAM   | 21.32 | 21.47 | 21.82 | 18.82 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | DFT-64QAM   | 20.02 | 20.03 | 20.20 | 17.20 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | DFT-256QAM  | 18.34 | 18.69 | 18.32 | 15.69 | 33.00 | Pass |
| 30KHz | 90MHz  | MCH | CP-QPSK     | 21.09 | 21.25 | 21.26 | 18.26 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | DFT-Pi2BPSK | 22.56 | 23.18 | 22.86 | 20.18 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | DFT-QPSK    | 22.73 | 23.30 | 22.94 | 20.30 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | DFT-16QAM   | 21.48 | 21.85 | 21.86 | 18.86 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | DFT-64QAM   | 19.93 | 20.51 | 20.41 | 17.51 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | DFT-256QAM  | 18.44 | 18.89 | 18.42 | 15.89 | 33.00 | Pass |
| 30KHz | 90MHz  | HCH | CP-QPSK     | 21.00 | 21.61 | 21.33 | 18.61 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | DFT-Pi2BPSK | 22.64 | 22.95 | 23.12 | 20.12 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | DFT-QPSK    | 22.73 | 23.10 | 23.12 | 20.12 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | DFT-16QAM   | 21.60 | 21.83 | 22.12 | 19.12 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | DFT-64QAM   | 20.09 | 20.36 | 20.72 | 17.72 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | DFT-256QAM  | 18.64 | 18.77 | 18.66 | 15.77 | 33.00 | Pass |
| 30KHz | 100MHz | LCH | CP-QPSK     | 21.24 | 21.59 | 21.56 | 18.59 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | DFT-Pi2BPSK | 22.53 | 22.83 | 22.86 | 19.86 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | DFT-QPSK    | 22.82 | 22.71 | 22.84 | 19.84 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | DFT-16QAM   | 21.42 | 21.57 | 21.78 | 18.78 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | DFT-64QAM   | 20.00 | 20.20 | 20.43 | 17.43 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | DFT-256QAM  | 18.39 | 18.73 | 18.30 | 15.73 | 33.00 | Pass |
| 30KHz | 100MHz | MCH | CP-QPSK     | 21.12 | 21.33 | 21.29 | 18.33 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | DFT-Pi2BPSK | 22.62 | 23.00 | 22.82 | 20.00 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | DFT-QPSK    | 22.60 | 23.42 | 22.82 | 20.42 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | DFT-16QAM   | 21.36 | 21.84 | 21.78 | 18.84 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | DFT-64QAM   | 19.95 | 20.52 | 20.41 | 17.52 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | DFT-256QAM  | 18.35 | 18.98 | 18.39 | 15.98 | 33.00 | Pass |
| 30KHz | 100MHz | HCH | CP-QPSK     | 21.18 | 21.78 | 21.27 | 18.78 | 33.00 | Pass |

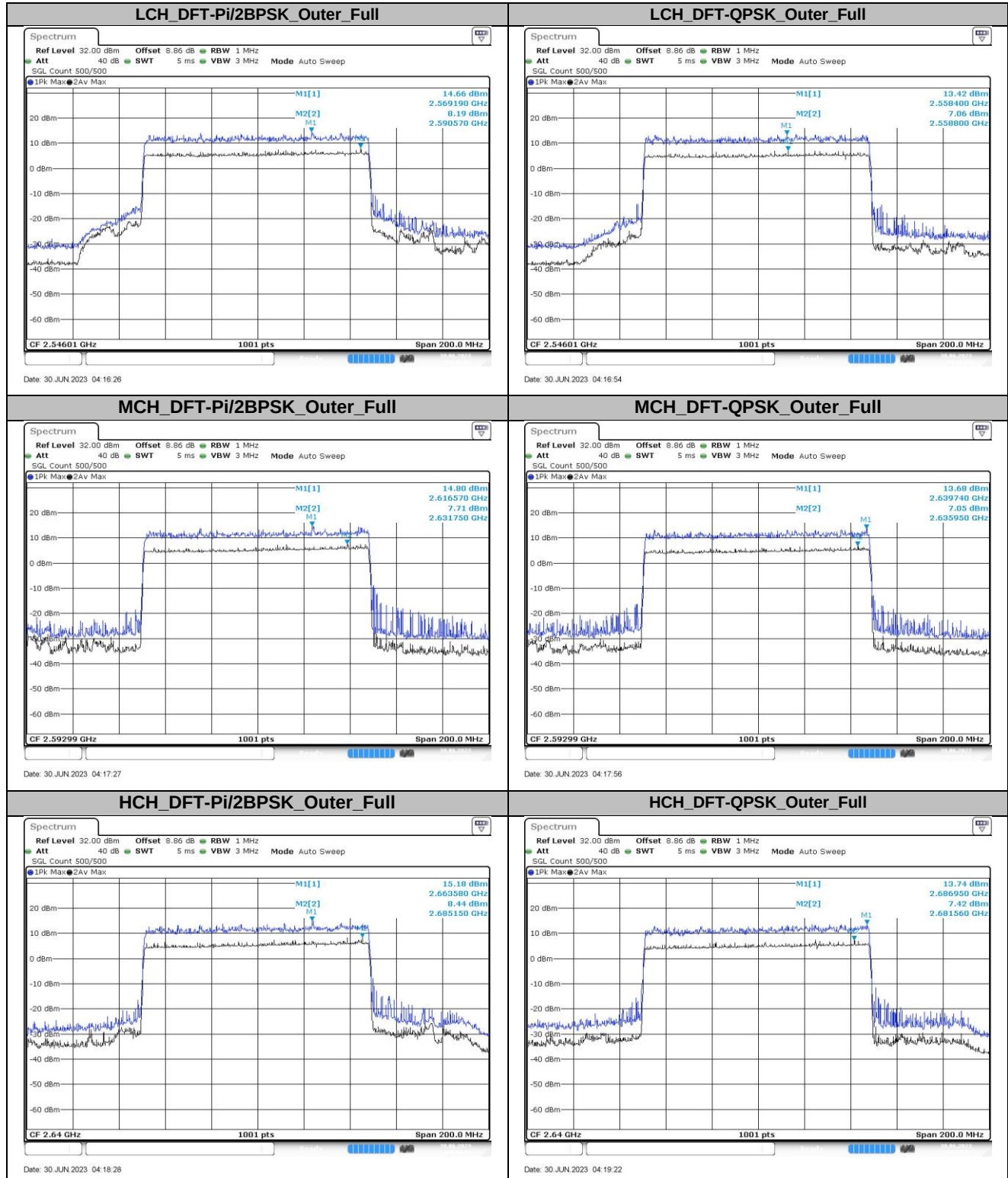
## 2. Peak-to-Average Ratio

### 2.1. Test Results

| SCS   | Bandwidth | Channel | RB Config  | Result (dB) |          | Limit (dB) | Verdict |
|-------|-----------|---------|------------|-------------|----------|------------|---------|
|       |           |         |            | DFT-Pi2BPSK | DFT-QPSK |            |         |
| 30KHz | 100MHz    | LCH     | Outer_Full | 6.48        | 6.36     | 13.00      | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | 7.09        | 6.64     | 13.00      | Pass    |
| 30KHz | 100MHz    | HCH     | Outer_Full | 6.74        | 6.32     | 13.00      | Pass    |

### 2.2. Test Plots

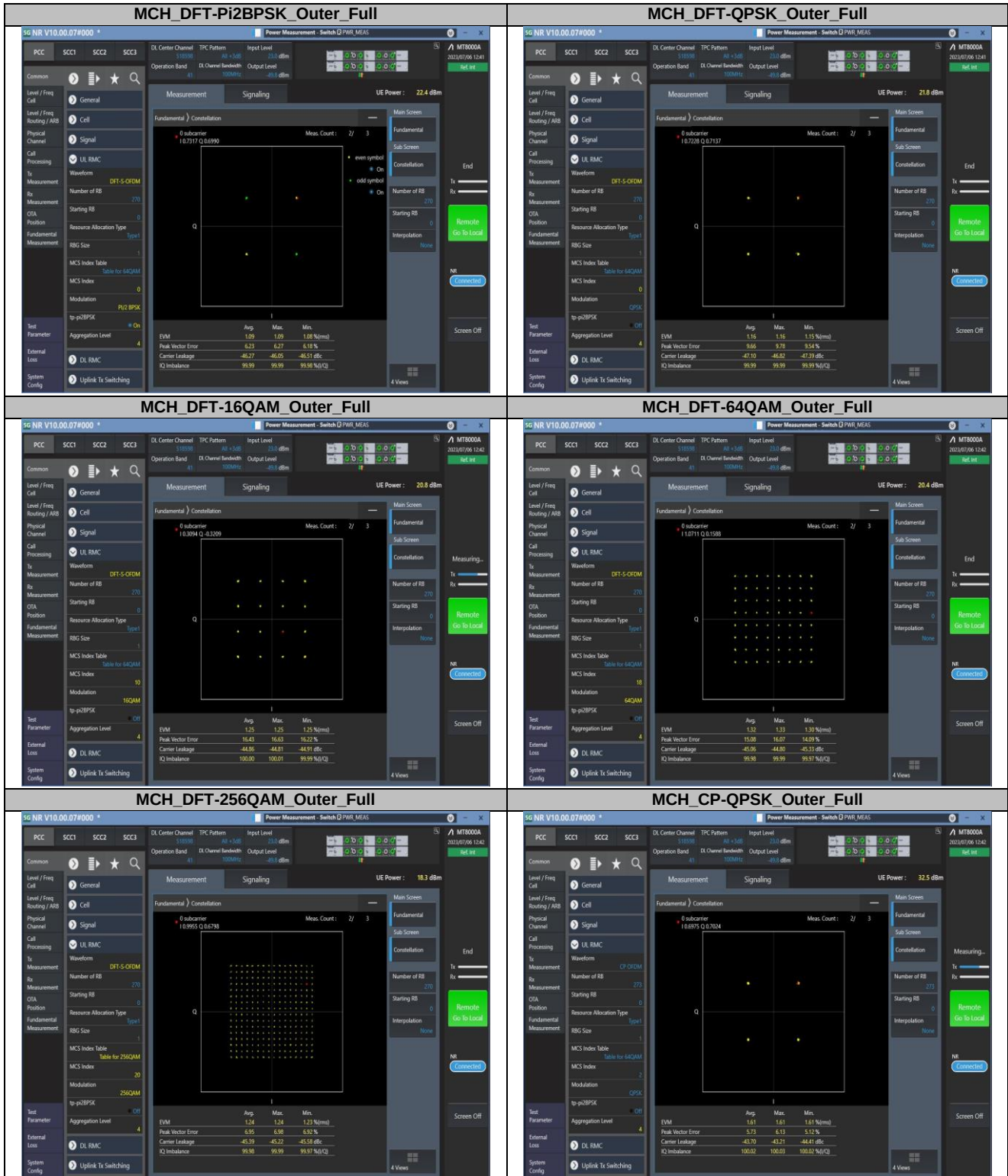
#### 2.2.1. Bandwidth:100MHz

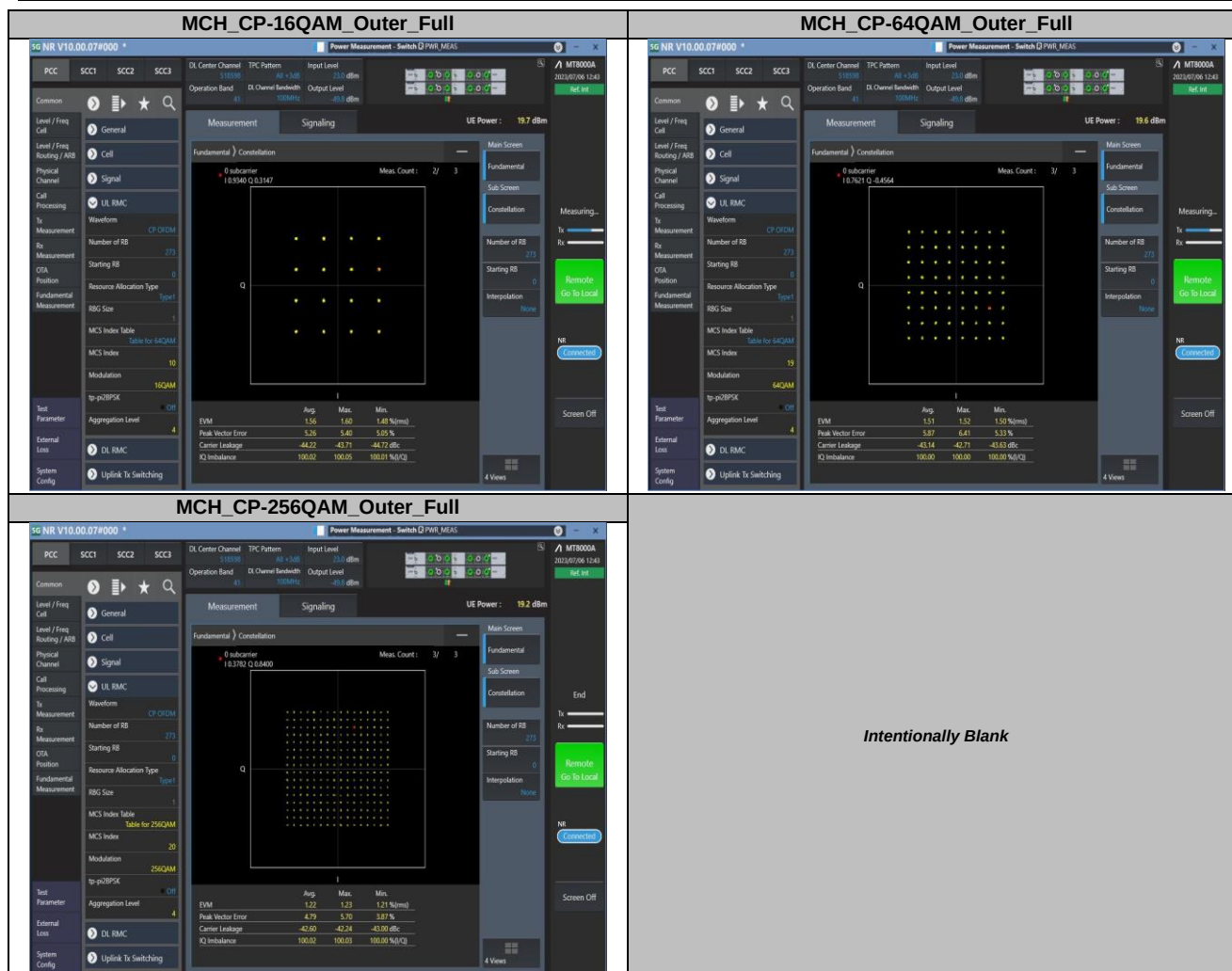


### 3. Modulation Characteristics

#### 3.1. Test Plots

##### 3.1.1. Bandwidth:100MHz





## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

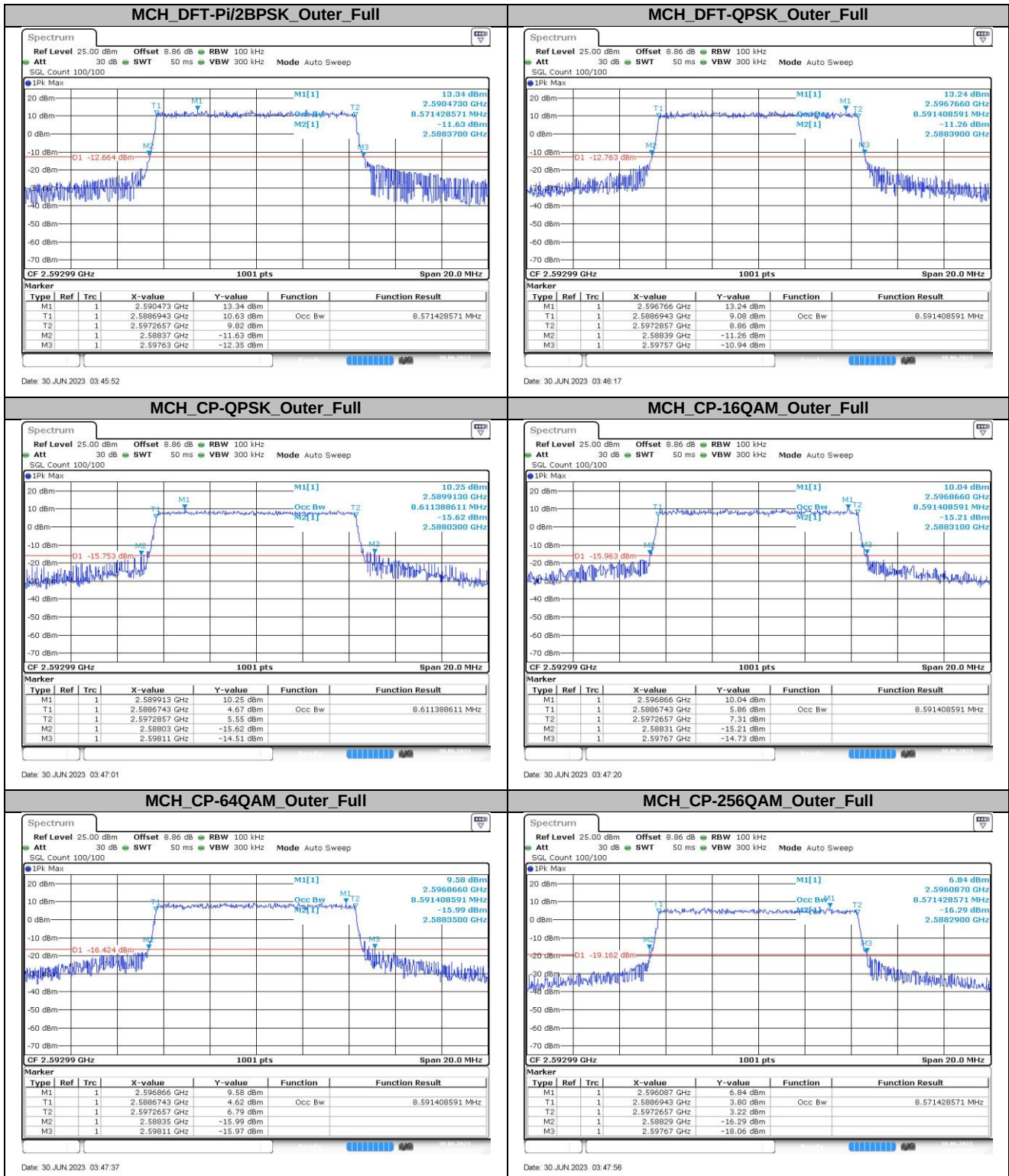
### 4.1. Test Results

| SCS   | Bandwidth | Modulation   | RB Config  | 99% Occupied Bandwidth (MHz) | 26dB Emission Bandwidth (MHz) | Verdict |
|-------|-----------|--------------|------------|------------------------------|-------------------------------|---------|
| 30KHz | 10MHz     | DFT-Pi/2BPSK | Outer_Full | 8.57                         | 9.26                          | Pass    |
| 30KHz | 10MHz     | DFT-QPSK     | Outer_Full | 8.59                         | 9.18                          | Pass    |
| 30KHz | 10MHz     | CP-QPSK      | Outer_Full | 8.61                         | 10.08                         | Pass    |
| 30KHz | 10MHz     | CP-16QAM     | Outer_Full | 8.59                         | 9.36                          | Pass    |
| 30KHz | 10MHz     | CP-64QAM     | Outer_Full | 8.59                         | 9.76                          | Pass    |
| 30KHz | 10MHz     | CP-256QAM    | Outer_Full | 8.57                         | 9.38                          | Pass    |
| 30KHz | 15MHz     | DFT-Pi/2BPSK | Outer_Full | 12.92                        | 13.86                         | Pass    |
| 30KHz | 15MHz     | DFT-QPSK     | Outer_Full | 12.86                        | 13.71                         | Pass    |
| 30KHz | 15MHz     | CP-QPSK      | Outer_Full | 13.58                        | 14.52                         | Pass    |
| 30KHz | 15MHz     | CP-16QAM     | Outer_Full | 13.64                        | 14.58                         | Pass    |
| 30KHz | 15MHz     | CP-64QAM     | Outer_Full | 13.58                        | 14.46                         | Pass    |
| 30KHz | 15MHz     | CP-256QAM    | Outer_Full | 13.58                        | 14.55                         | Pass    |
| 30KHz | 20MHz     | DFT-Pi/2BPSK | Outer_Full | 17.86                        | 18.88                         | Pass    |
| 30KHz | 20MHz     | DFT-QPSK     | Outer_Full | 17.90                        | 18.92                         | Pass    |
| 30KHz | 20MHz     | CP-QPSK      | Outer_Full | 18.18                        | 19.60                         | Pass    |
| 30KHz | 20MHz     | CP-16QAM     | Outer_Full | 18.22                        | 19.88                         | Pass    |
| 30KHz | 20MHz     | CP-64QAM     | Outer_Full | 18.18                        | 19.80                         | Pass    |
| 30KHz | 20MHz     | CP-256QAM    | Outer_Full | 18.22                        | 19.84                         | Pass    |
| 30KHz | 30MHz     | DFT-Pi/2BPSK | Outer_Full | 26.79                        | 28.68                         | Pass    |
| 30KHz | 30MHz     | DFT-QPSK     | Outer_Full | 26.79                        | 28.20                         | Pass    |
| 30KHz | 30MHz     | CP-QPSK      | Outer_Full | 27.81                        | 30.84                         | Pass    |
| 30KHz | 30MHz     | CP-16QAM     | Outer_Full | 27.87                        | 29.52                         | Pass    |
| 30KHz | 30MHz     | CP-64QAM     | Outer_Full | 27.87                        | 31.98                         | Pass    |
| 30KHz | 30MHz     | CP-256QAM    | Outer_Full | 27.87                        | 29.94                         | Pass    |
| 30KHz | 40MHz     | DFT-Pi/2BPSK | Outer_Full | 35.80                        | 39.52                         | Pass    |
| 30KHz | 40MHz     | DFT-QPSK     | Outer_Full | 35.64                        | 38.00                         | Pass    |
| 30KHz | 40MHz     | CP-QPSK      | Outer_Full | 37.80                        | 40.48                         | Pass    |
| 30KHz | 40MHz     | CP-16QAM     | Outer_Full | 37.80                        | 40.24                         | Pass    |
| 30KHz | 40MHz     | CP-64QAM     | Outer_Full | 37.80                        | 40.72                         | Pass    |
| 30KHz | 40MHz     | CP-256QAM    | Outer_Full | 37.72                        | 40.00                         | Pass    |
| 30KHz | 50MHz     | DFT-Pi/2BPSK | Outer_Full | 45.65                        | 47.70                         | Pass    |
| 30KHz | 50MHz     | DFT-QPSK     | Outer_Full | 45.65                        | 47.40                         | Pass    |
| 30KHz | 50MHz     | CP-QPSK      | Outer_Full | 47.35                        | 49.50                         | Pass    |
| 30KHz | 50MHz     | CP-16QAM     | Outer_Full | 47.45                        | 49.30                         | Pass    |
| 30KHz | 50MHz     | CP-64QAM     | Outer_Full | 47.45                        | 49.50                         | Pass    |
| 30KHz | 50MHz     | CP-256QAM    | Outer_Full | 47.45                        | 49.30                         | Pass    |
| 30KHz | 60MHz     | DFT-Pi/2BPSK | Outer_Full | 57.66                        | 59.76                         | Pass    |
| 30KHz | 60MHz     | DFT-QPSK     | Outer_Full | 57.66                        | 59.88                         | Pass    |
| 30KHz | 60MHz     | CP-QPSK      | Outer_Full | 57.78                        | 60.00                         | Pass    |
| 30KHz | 60MHz     | CP-16QAM     | Outer_Full | 57.78                        | 59.76                         | Pass    |
| 30KHz | 60MHz     | CP-64QAM     | Outer_Full | 57.66                        | 60.00                         | Pass    |
| 30KHz | 60MHz     | CP-256QAM    | Outer_Full | 57.78                        | 59.64                         | Pass    |
| 30KHz | 70MHz     | DFT-Pi/2BPSK | Outer_Full | 64.20                        | 66.22                         | Pass    |
| 30KHz | 70MHz     | DFT-QPSK     | Outer_Full | 64.20                        | 67.34                         | Pass    |
| 30KHz | 70MHz     | CP-QPSK      | Outer_Full | 67.41                        | 70.28                         | Pass    |
| 30KHz | 70MHz     | CP-16QAM     | Outer_Full | 67.41                        | 69.86                         | Pass    |
| 30KHz | 70MHz     | CP-64QAM     | Outer_Full | 67.41                        | 70.00                         | Pass    |
| 30KHz | 70MHz     | CP-256QAM    | Outer_Full | 67.41                        | 69.72                         | Pass    |
| 30KHz | 80MHz     | DFT-Pi/2BPSK | Outer_Full | 77.20                        | 80.80                         | Pass    |
| 30KHz | 80MHz     | DFT-QPSK     | Outer_Full | 77.04                        | 82.40                         | Pass    |
| 30KHz | 80MHz     | CP-QPSK      | Outer_Full | 77.52                        | 81.92                         | Pass    |
| 30KHz | 80MHz     | CP-16QAM     | Outer_Full | 77.52                        | 81.28                         | Pass    |
| 30KHz | 80MHz     | CP-64QAM     | Outer_Full | 77.52                        | 80.64                         | Pass    |
| 30KHz | 80MHz     | CP-256QAM    | Outer_Full | 77.52                        | 80.96                         | Pass    |
| 30KHz | 90MHz     | DFT-Pi/2BPSK | Outer_Full | 86.67                        | 90.00                         | Pass    |
| 30KHz | 90MHz     | DFT-QPSK     | Outer_Full | 86.85                        | 89.64                         | Pass    |
| 30KHz | 90MHz     | CP-QPSK      | Outer_Full | 87.39                        | 90.54                         | Pass    |
| 30KHz | 90MHz     | CP-16QAM     | Outer_Full | 87.57                        | 90.54                         | Pass    |
| 30KHz | 90MHz     | CP-64QAM     | Outer_Full | 87.39                        | 91.26                         | Pass    |

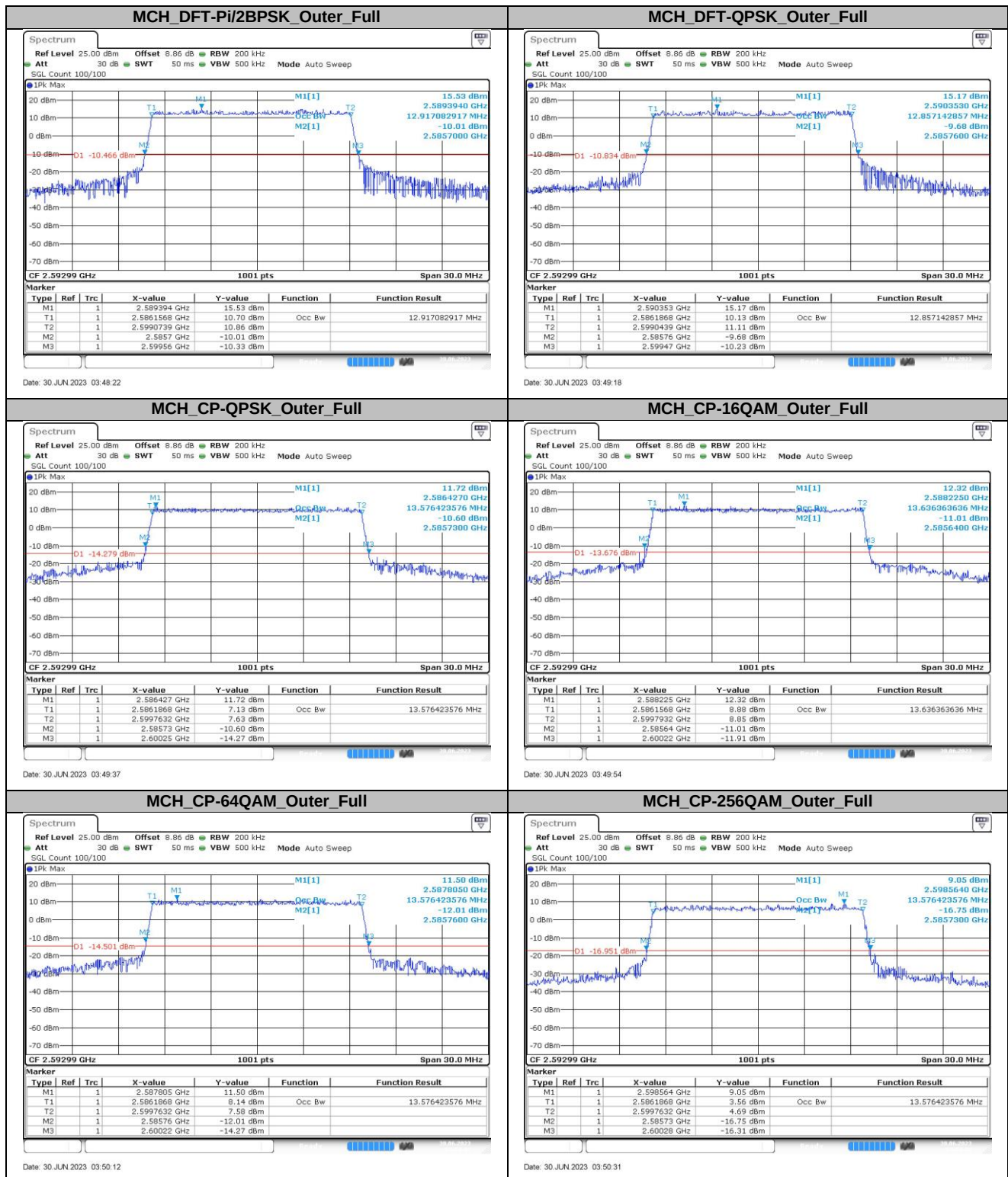
|       |        |              |            |       |        |      |
|-------|--------|--------------|------------|-------|--------|------|
| 30KHz | 90MHz  | CP-256QAM    | Outer_Full | 87.39 | 90.54  | Pass |
| 30KHz | 100MHz | DFT-Pi/2BPSK | Outer_Full | 96.30 | 100.60 | Pass |
| 30KHz | 100MHz | DFT-QPSK     | Outer_Full | 96.50 | 100.40 | Pass |
| 30KHz | 100MHz | CP-QPSK      | Outer_Full | 97.50 | 101.80 | Pass |
| 30KHz | 100MHz | CP-16QAM     | Outer_Full | 97.50 | 105.60 | Pass |
| 30KHz | 100MHz | CP-64QAM     | Outer_Full | 97.50 | 101.20 | Pass |
| 30KHz | 100MHz | CP-256QAM    | Outer_Full | 97.30 | 101.20 | Pass |

## 4.2. Test Plots

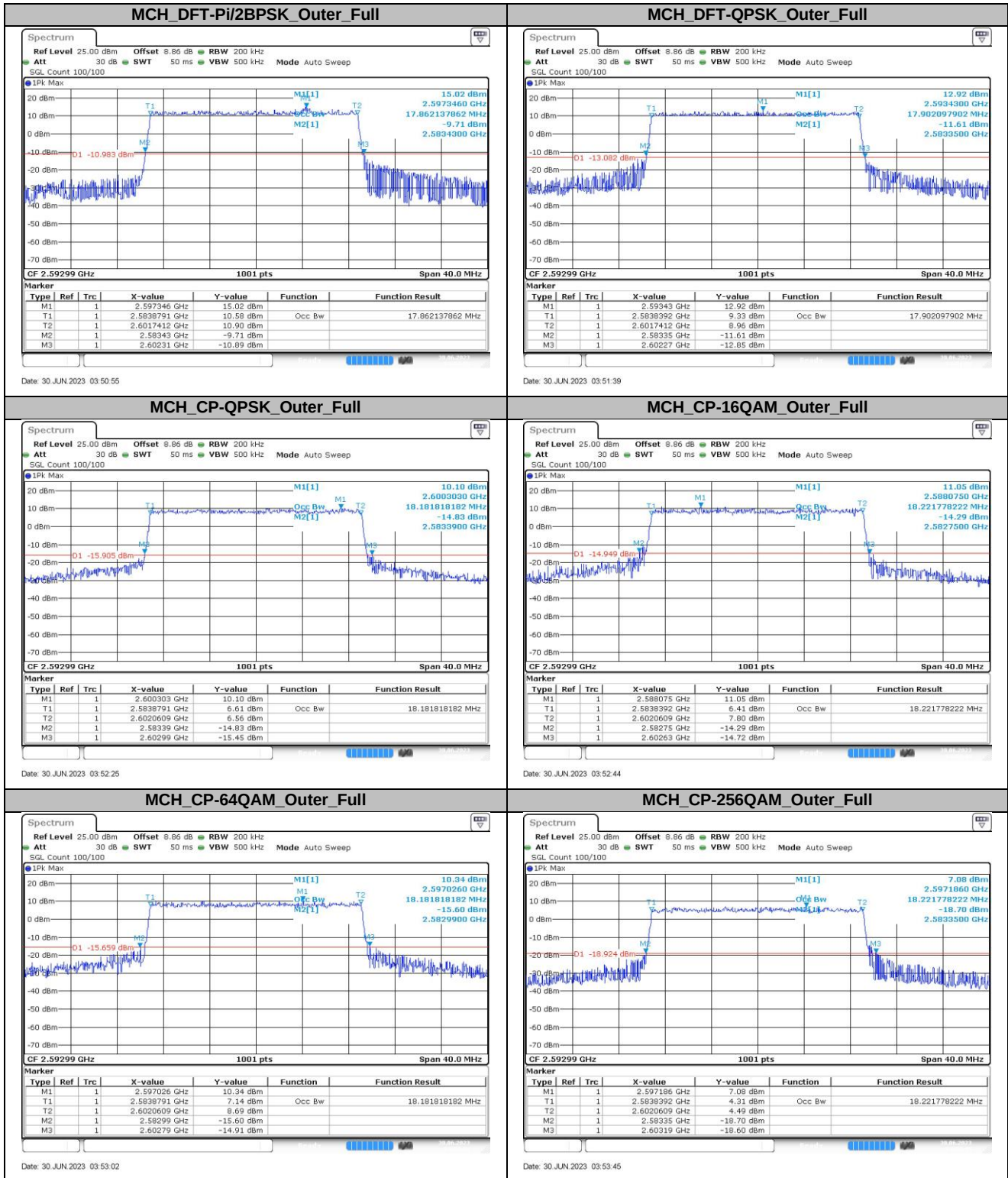
### 4.2.1. Bandwidth:10MHz



## 4.2.2. Bandwidth:15MHz



## 4.2.3. Bandwidth:20MHz



## 4.2.4. Bandwidth:30MHz

