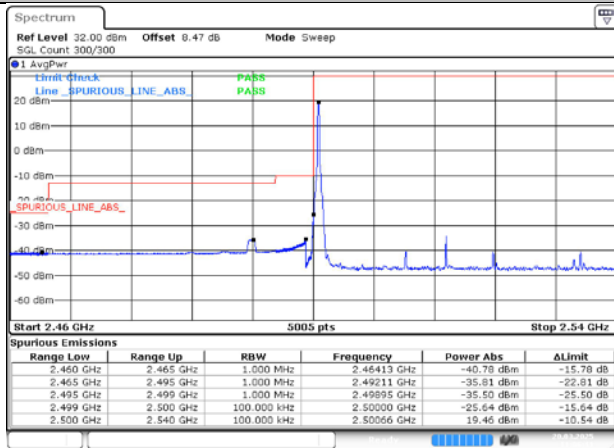


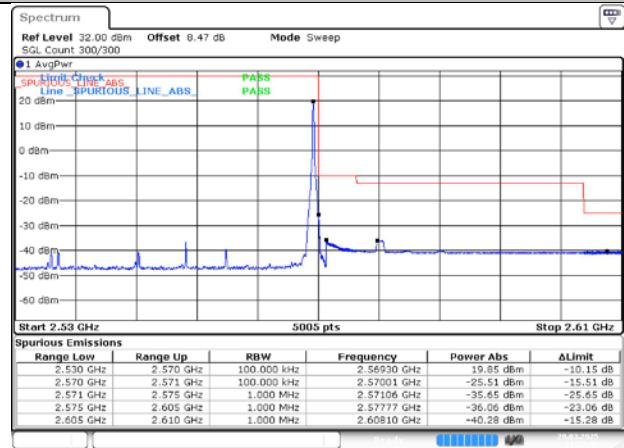
## n7A / 15KHz / 35MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



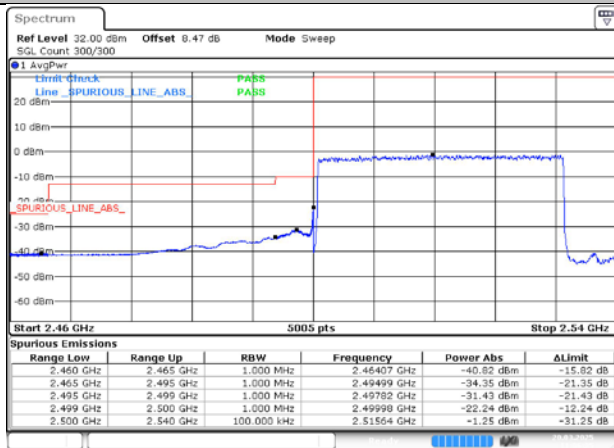
Date: 20.MAR.2025 11:06:11

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Right



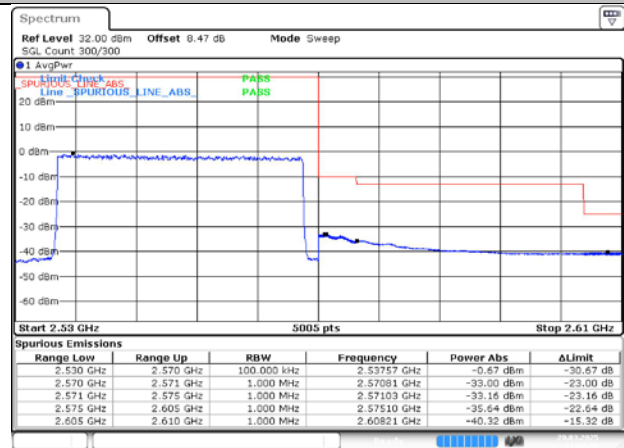
Date: 20.MAR.2025 11:07:37

## LCH / DFT-Pi2BPSK / Outer\_Full



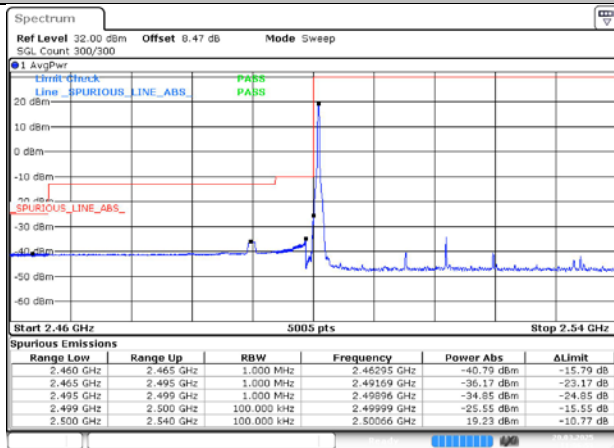
Date: 20.MAR.2025 11:06:25

## HCH / DFT-Pi2BPSK / Outer\_Full



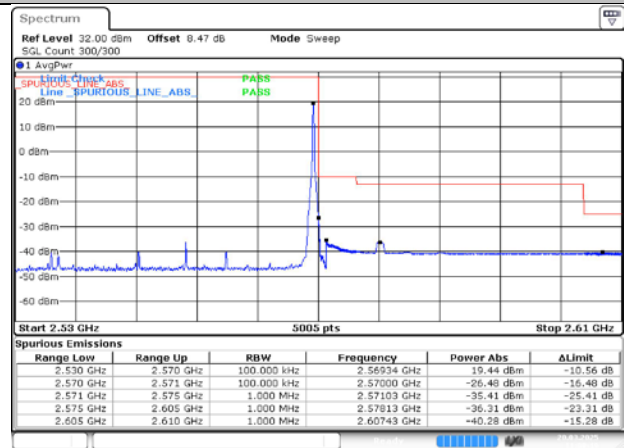
Date: 20.MAR.2025 11:07:50

## LCH / DFT-QPSK / Edge\_1RB\_Left

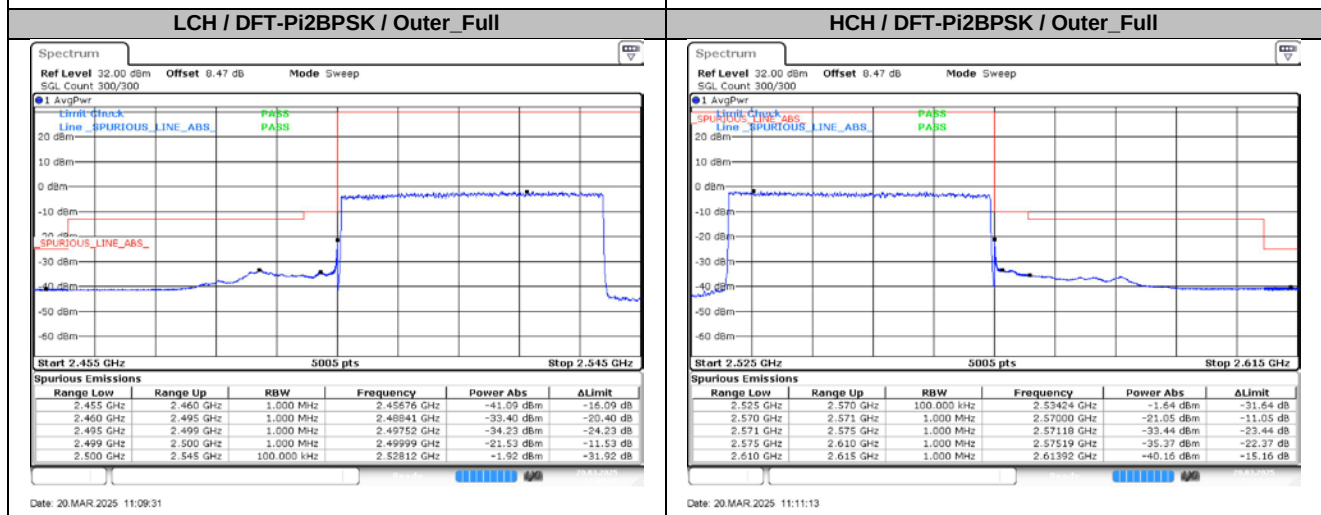
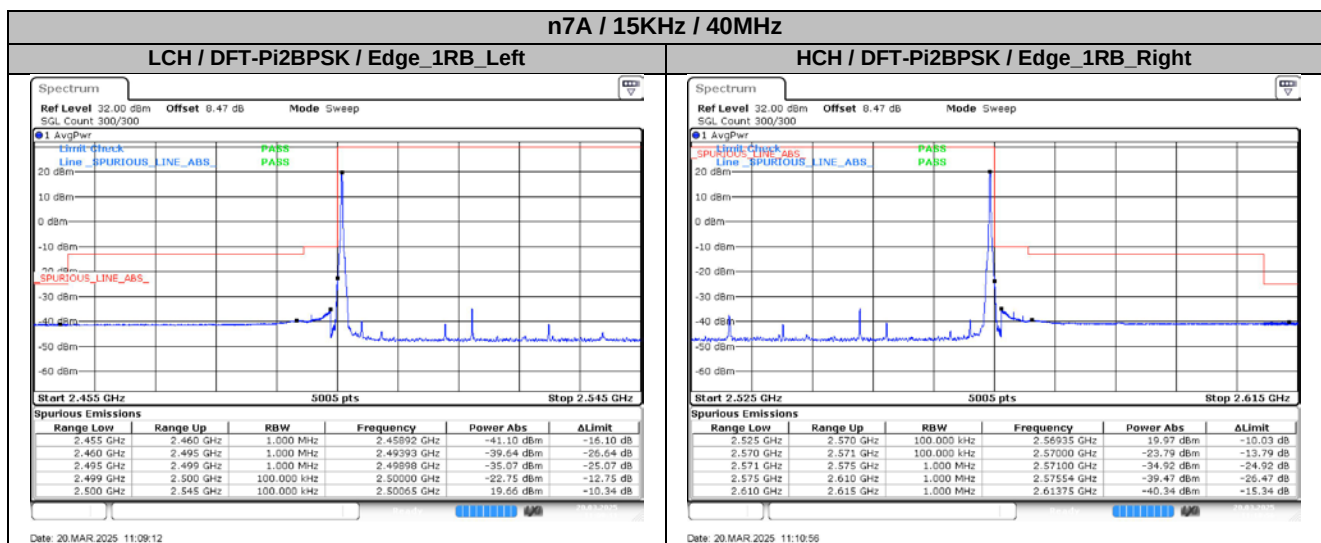
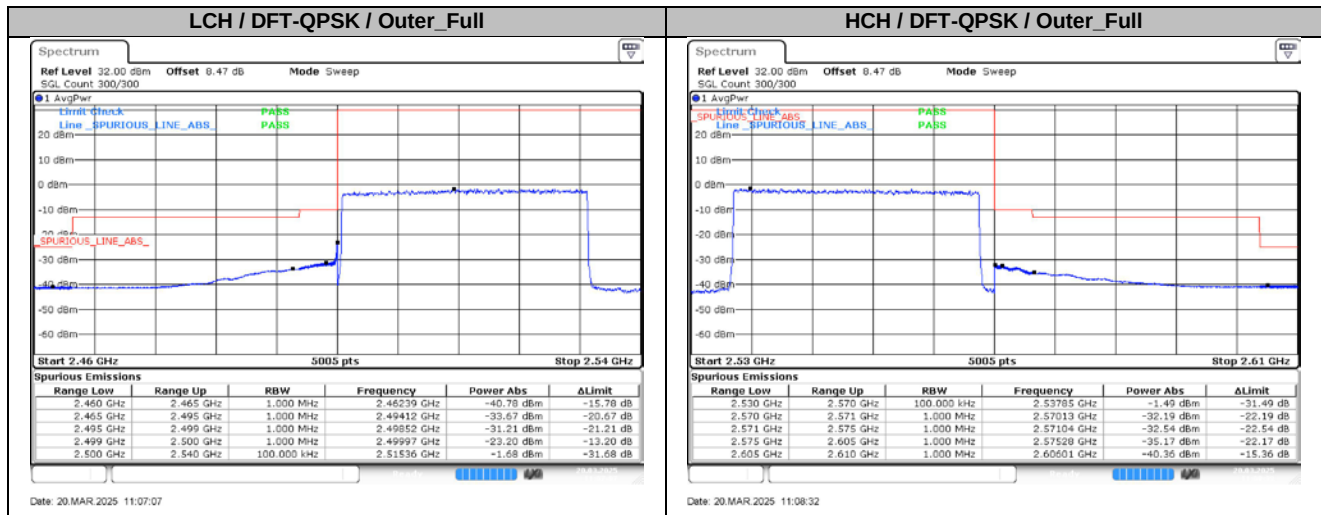


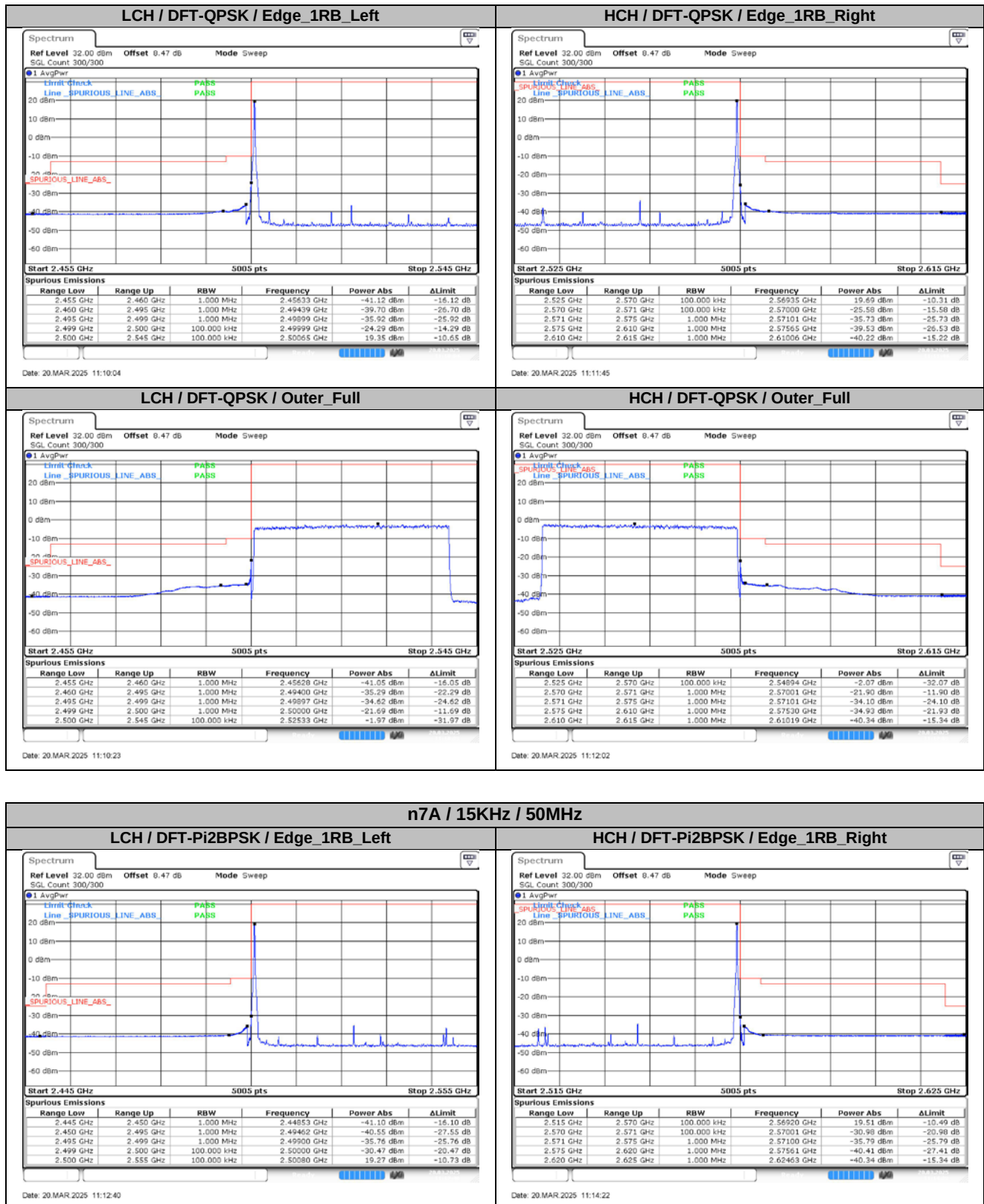
Date: 20.MAR.2025 11:06:53

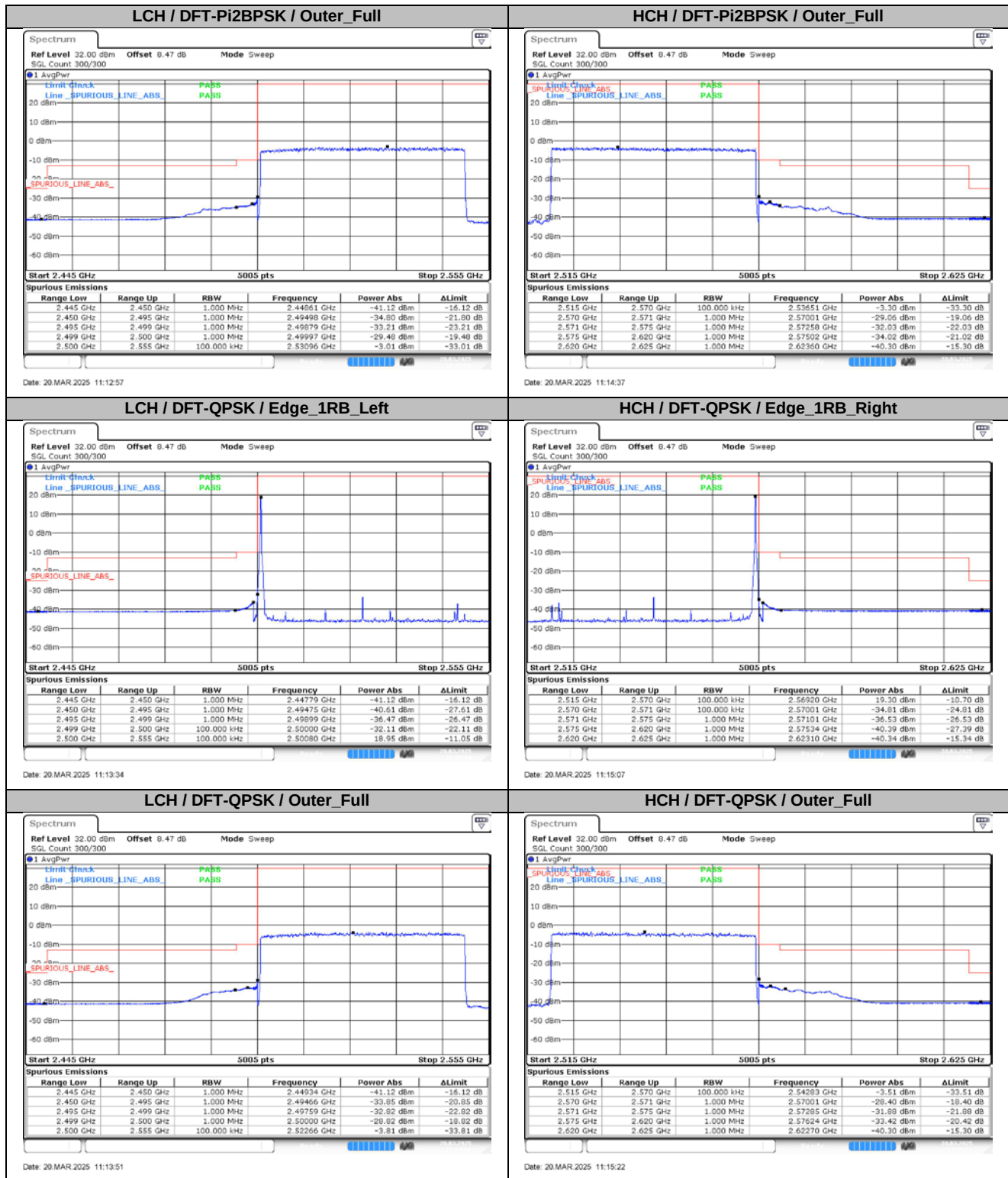
## HCH / DFT-QPSK / Edge\_1RB\_Right



Date: 20.MAR.2025 11:08:18

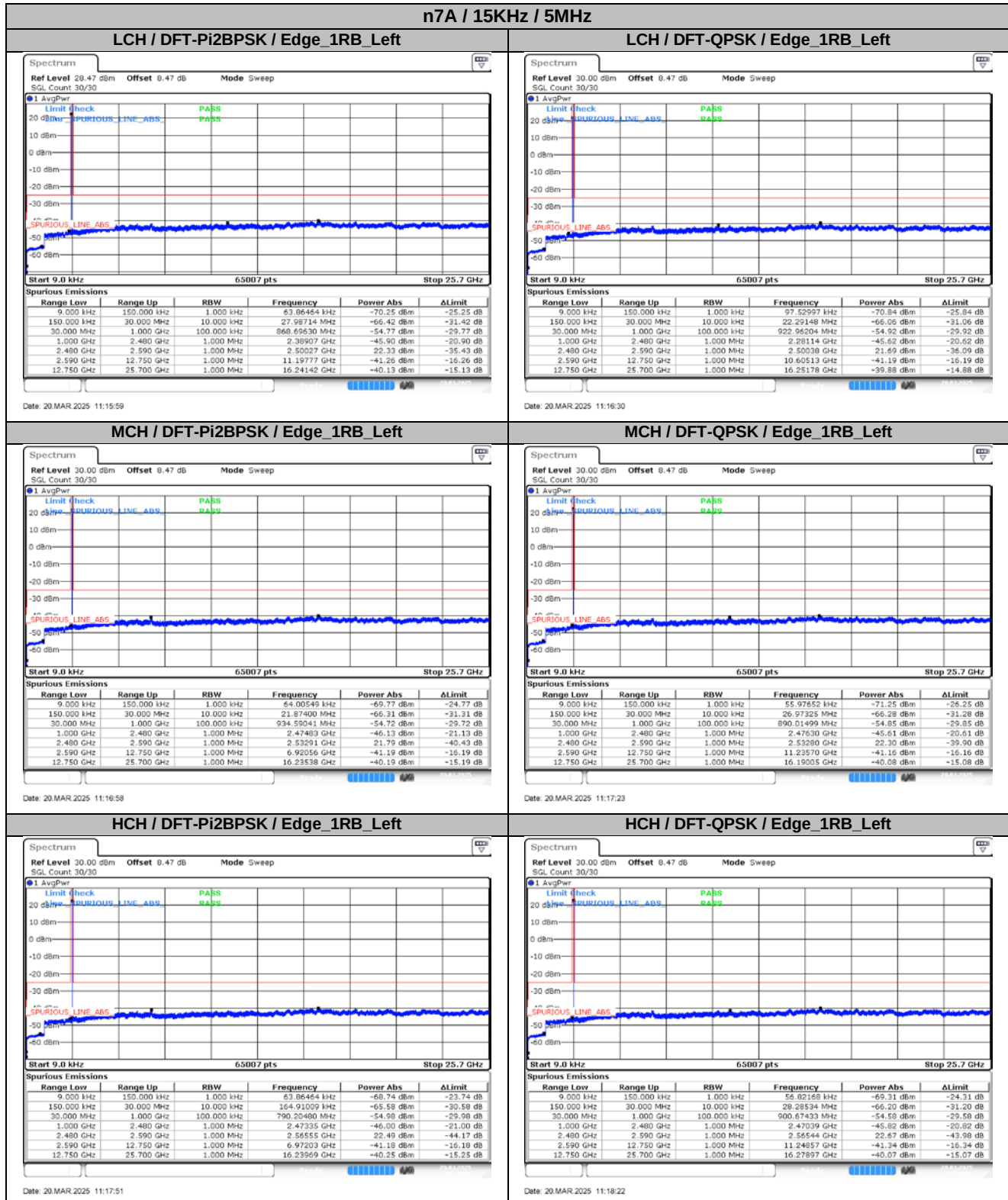






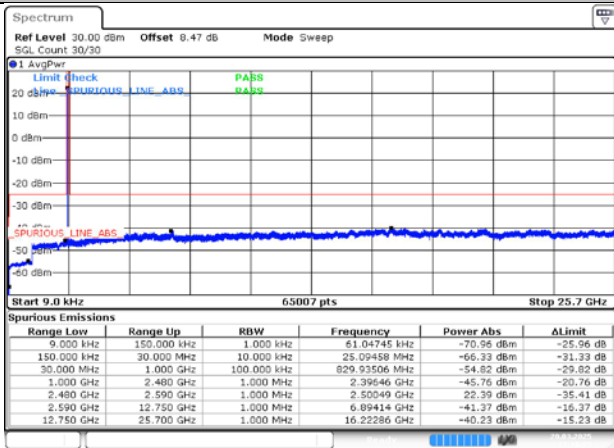
## 6. Conducted Spurious Emission

### 6.1. Test Plots for SCS=15KHz



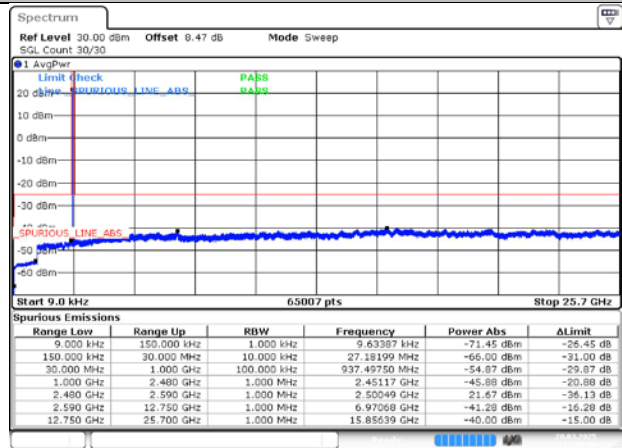
## n7A / 15KHz / 10MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



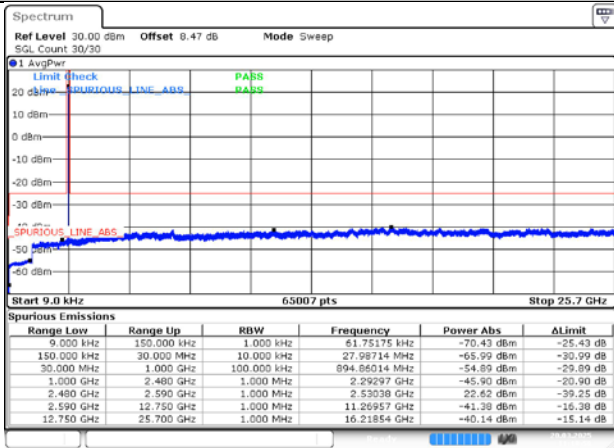
Date: 20 MAR 2025 11:18:54

## LCH / DFT-QPSK / Edge\_1RB\_Left



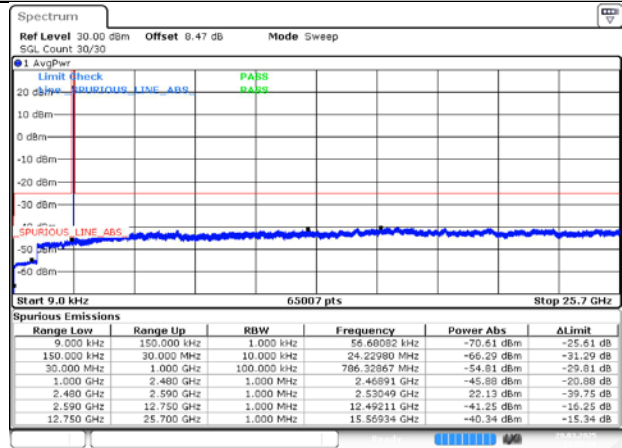
Date: 20 MAR 2025 11:19:25

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



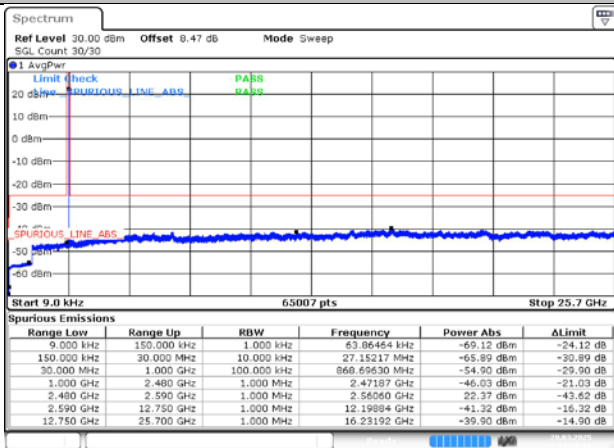
Date: 20 MAR 2025 11:19:59

## MCH / DFT-QPSK / Edge\_1RB\_Left



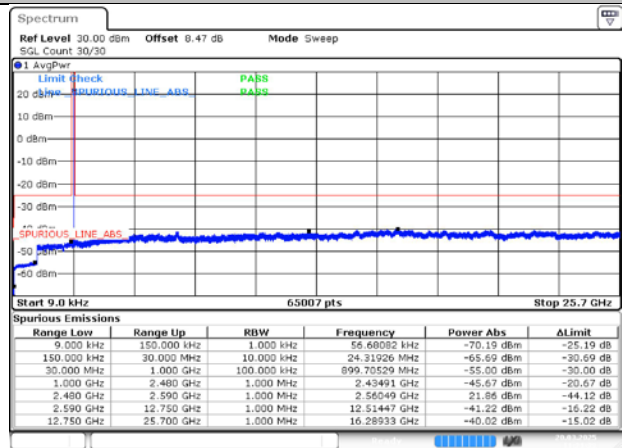
Date: 20 MAR 2025 11:20:29

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:20:56

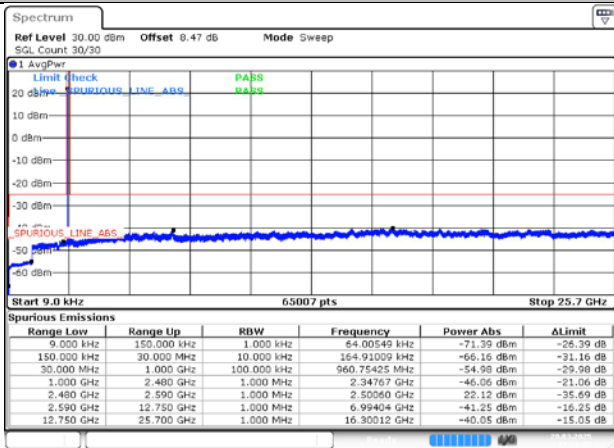
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:21:22

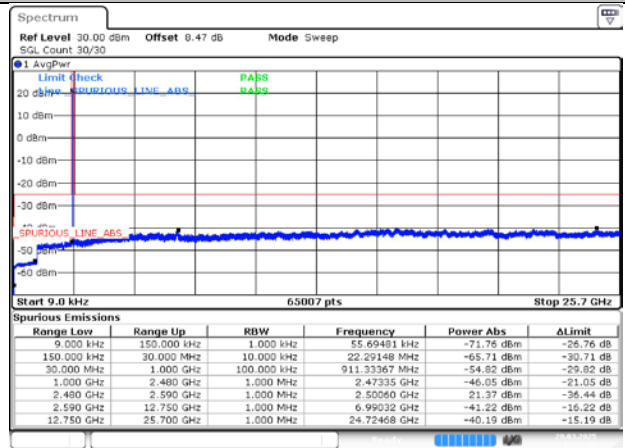
## n7A / 15KHz / 15MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



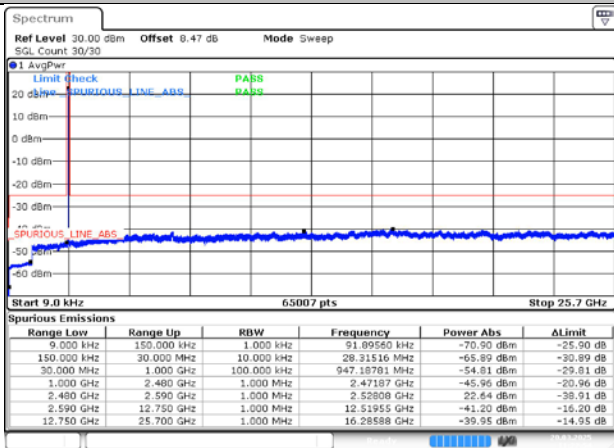
Date: 20 MAR 2025 11:21:55

## LCH / DFT-QPSK / Edge\_1RB\_Left



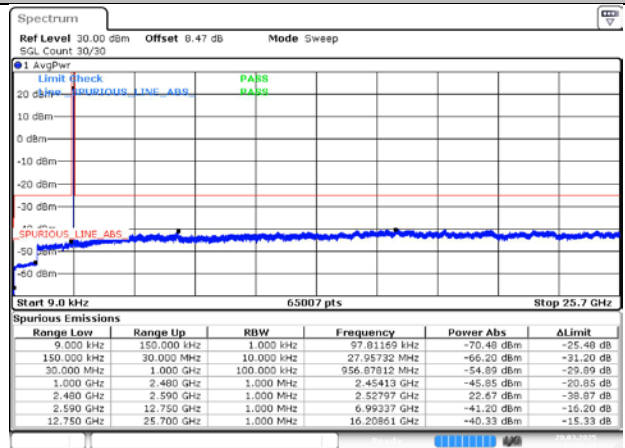
Date: 20 MAR 2025 11:22:26

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



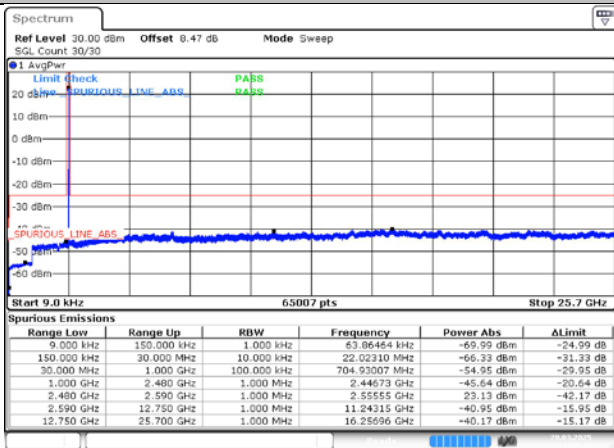
Date: 20 MAR 2025 11:22:53

## MCH / DFT-QPSK / Edge\_1RB\_Left



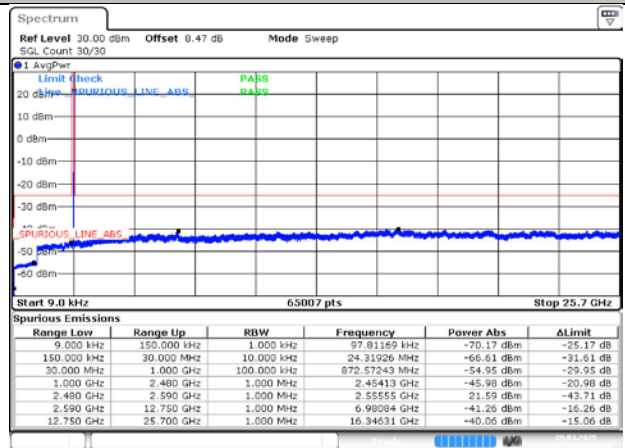
Date: 20 MAR 2025 11:23:18

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:23:46

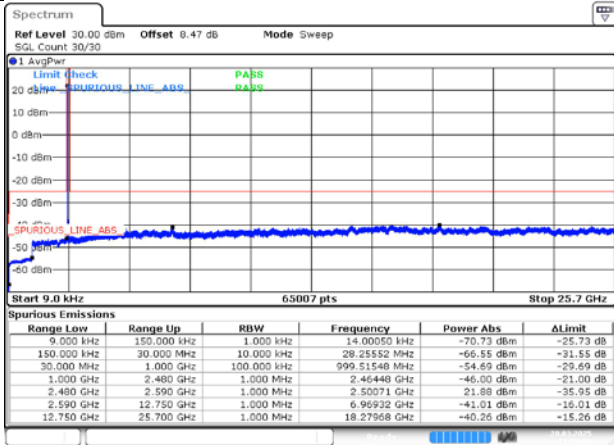
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:24:11

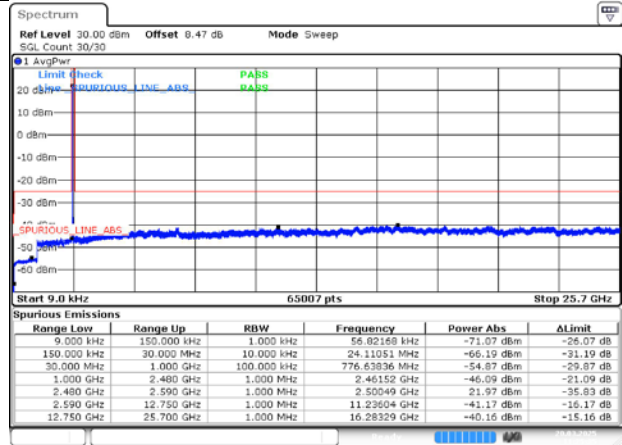
## n7A / 15KHz / 20MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



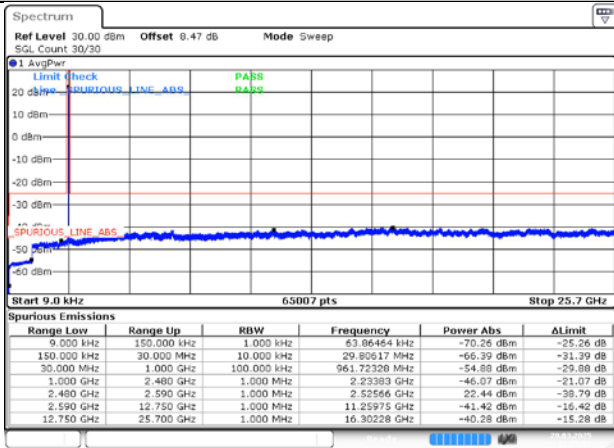
Date: 20 MAR 2025 11:24:59

## LCH / DFT-QPSK / Edge\_1RB\_Left



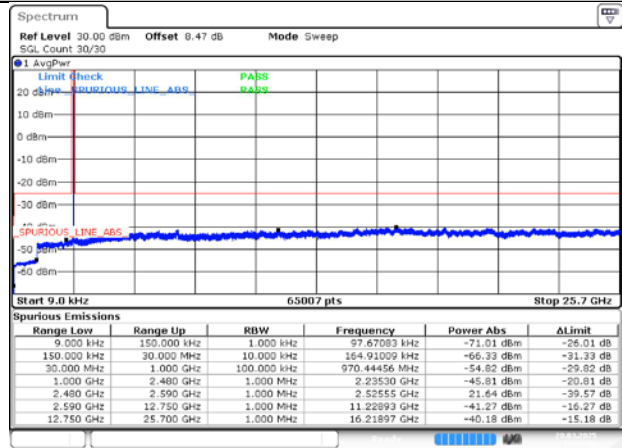
Date: 20 MAR 2025 11:25:24

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



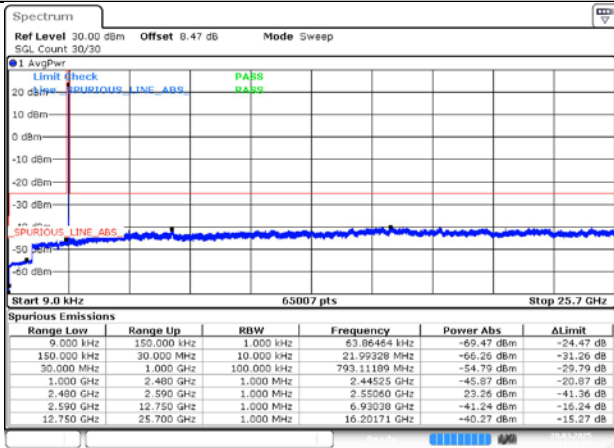
Date: 20 MAR 2025 11:25:52

## MCH / DFT-QPSK / Edge\_1RB\_Left



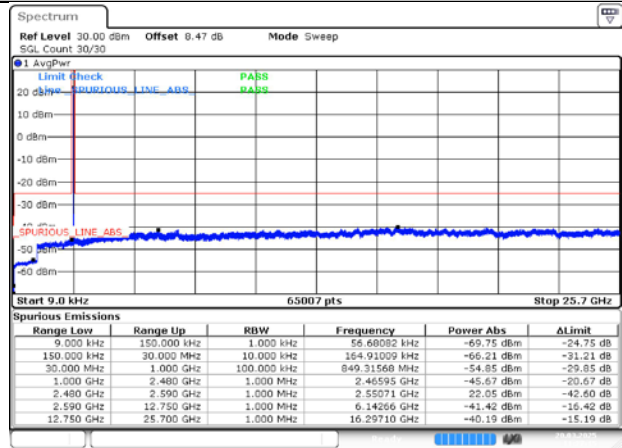
Date: 20 MAR 2025 11:26:23

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:26:50

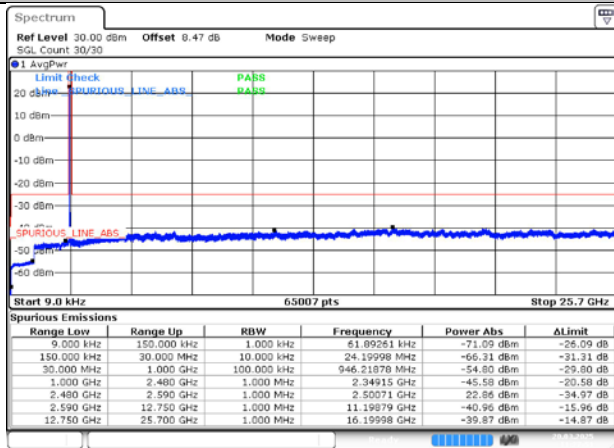
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:27:15

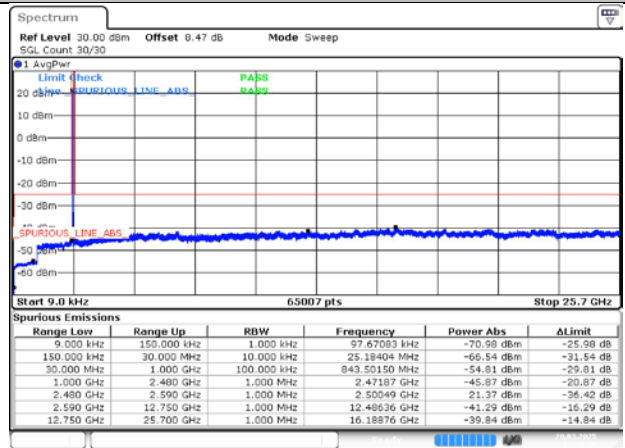
## n7A / 15KHz / 25MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



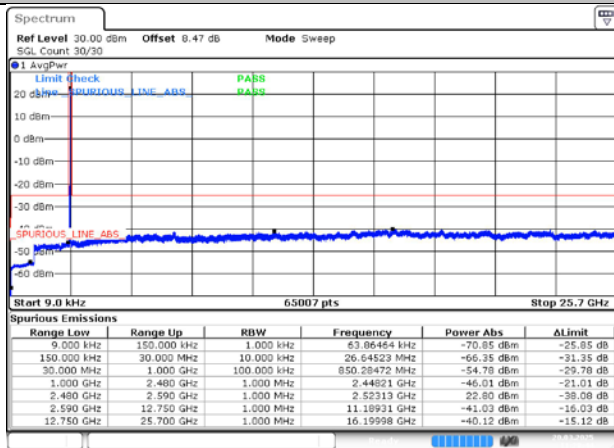
Date: 20 MAR 2025 11:27:51

## LCH / DFT-QPSK / Edge\_1RB\_Left



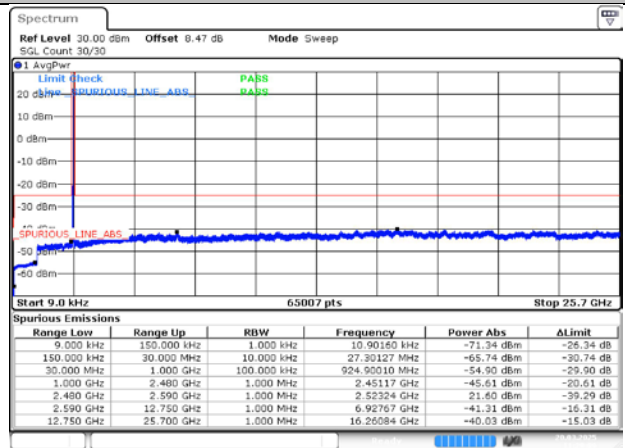
Date: 20 MAR 2025 11:28:16

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



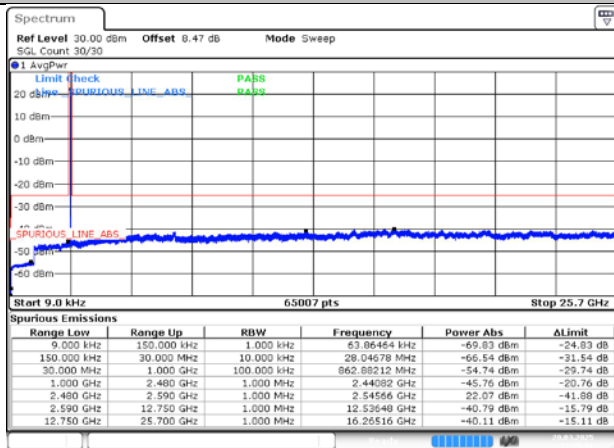
Date: 20 MAR 2025 11:28:43

## MCH / DFT-QPSK / Edge\_1RB\_Left



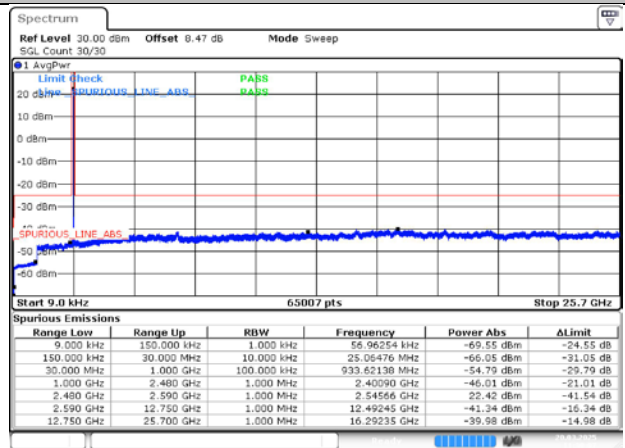
Date: 20 MAR 2025 11:29:09

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:29:36

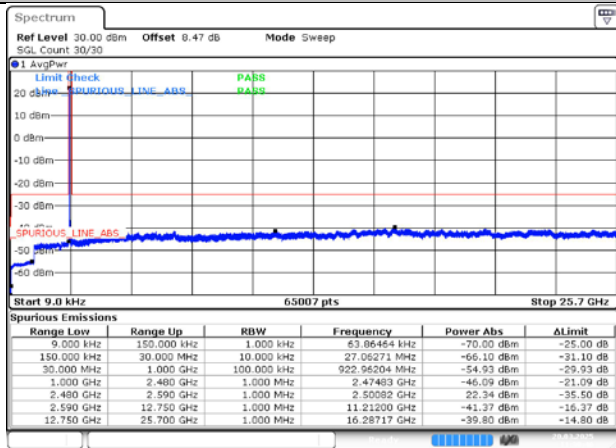
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:30:07

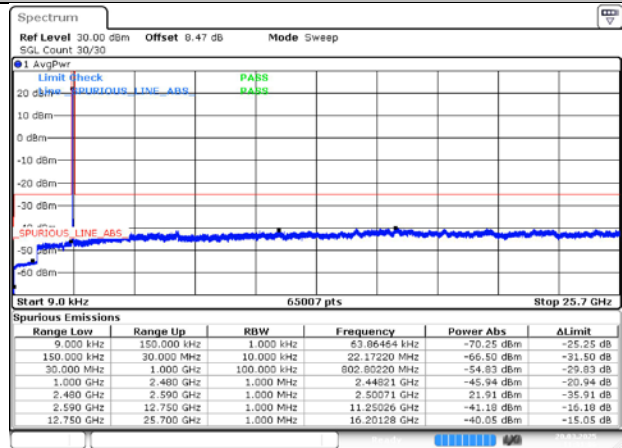
## n7A / 15KHz / 30MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



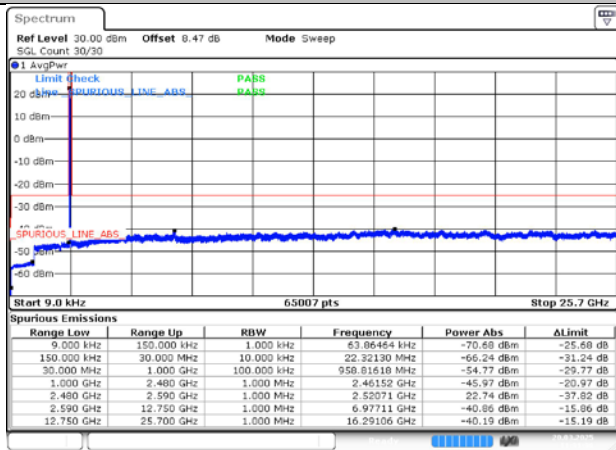
Date: 20 MAR 2025 11:30:40

## LCH / DFT-QPSK / Edge\_1RB\_Left



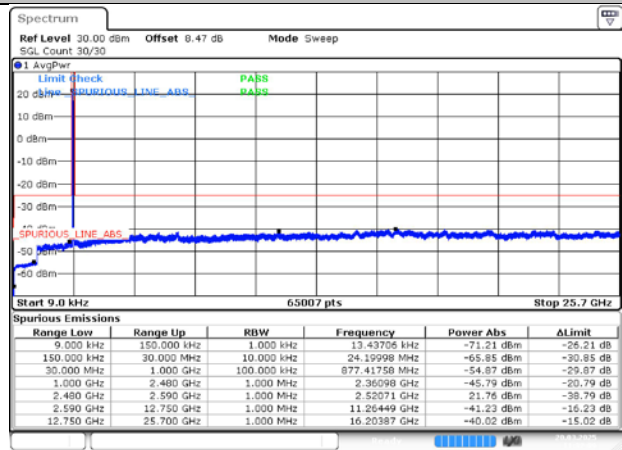
Date: 20 MAR 2025 11:31:05

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



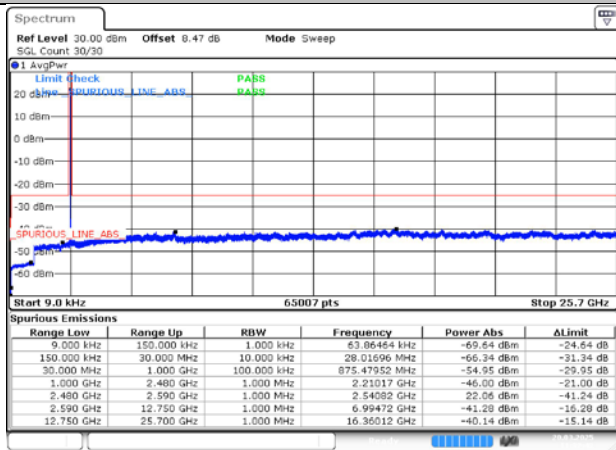
Date: 20 MAR 2025 11:31:38

## MCH / DFT-QPSK / Edge\_1RB\_Left



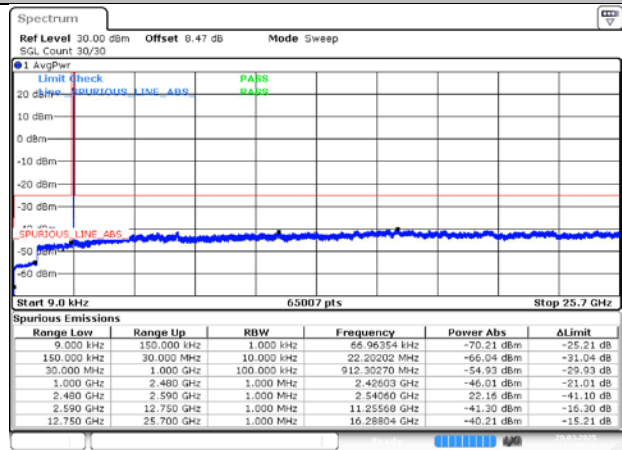
Date: 20 MAR 2025 11:31:09

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:32:42

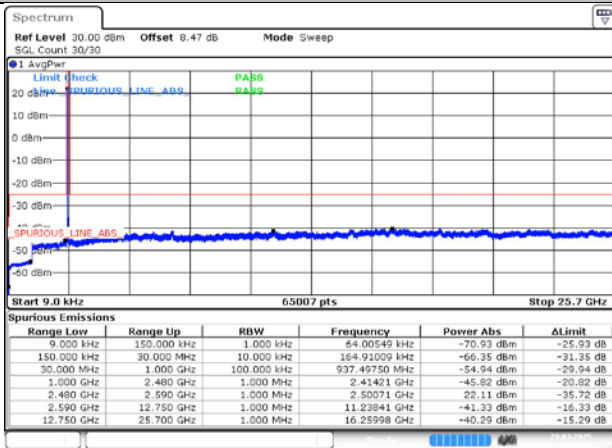
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:33:13

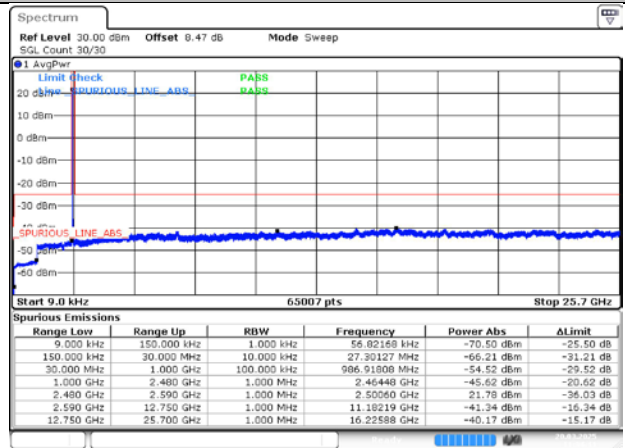
## n7A / 15KHz / 35MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



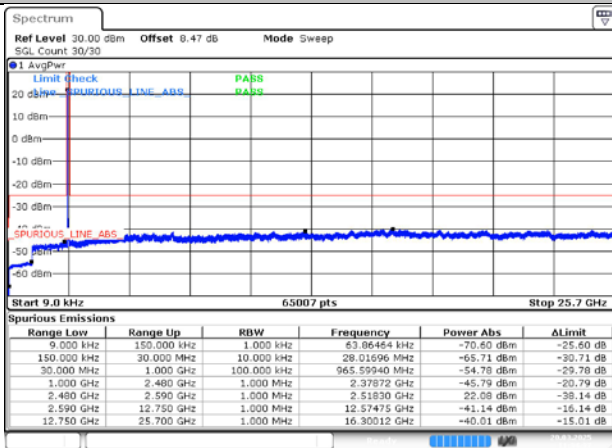
Date: 20 MAR 2025 11:33:45

## LCH / DFT-QPSK / Edge\_1RB\_Left



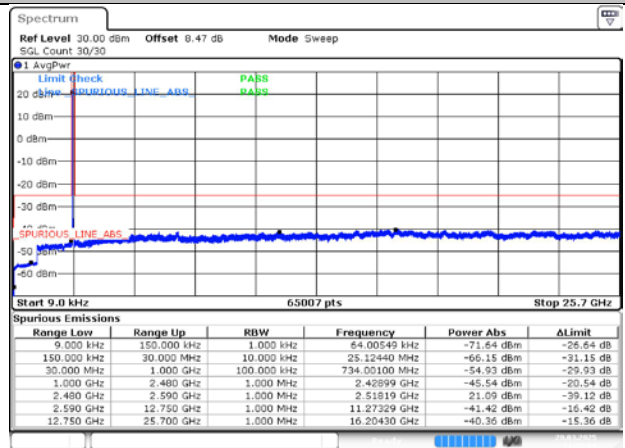
Date: 20 MAR 2025 11:34:11

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



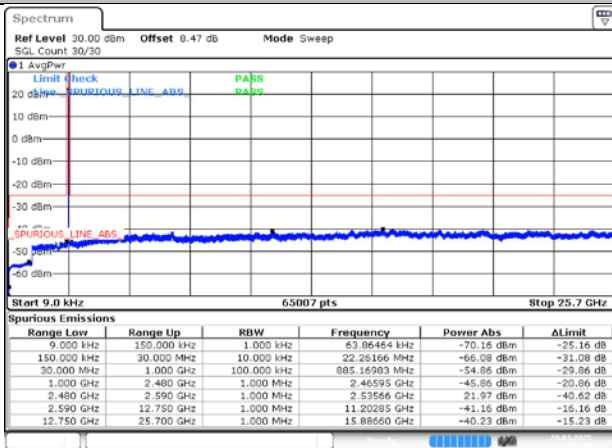
Date: 20 MAR 2025 11:34:38

## MCH / DFT-QPSK / Edge\_1RB\_Left



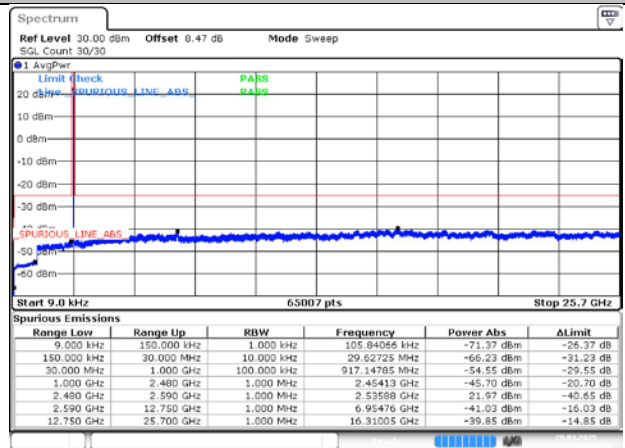
Date: 20 MAR 2025 11:34:03

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:35:30

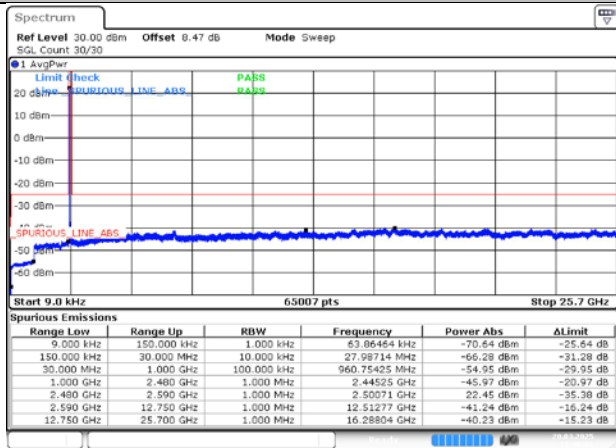
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:36:01

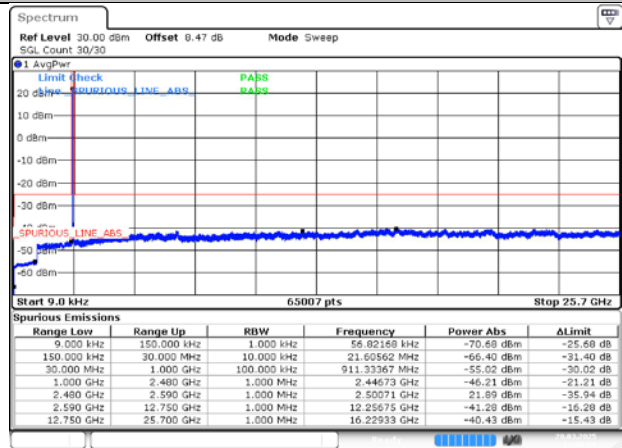
## n7A / 15KHz / 40MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



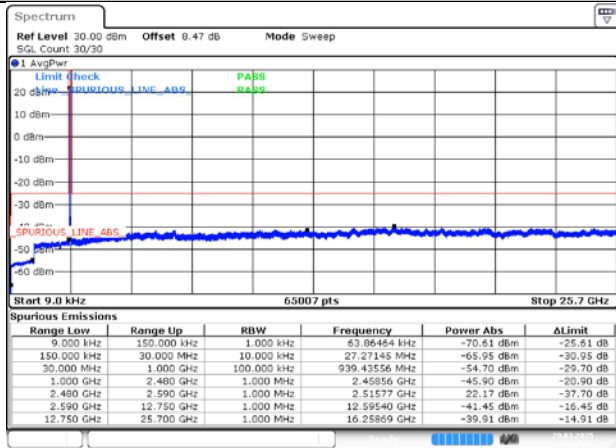
Date: 20 MAR 2025 11:36:33

## LCH / DFT-QPSK / Edge\_1RB\_Left



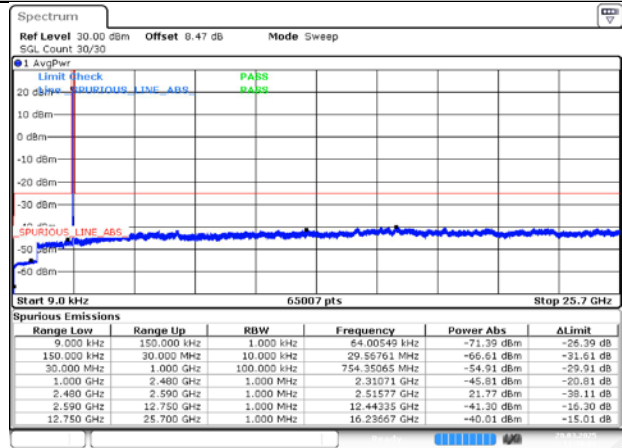
Date: 20 MAR 2025 11:36:59

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



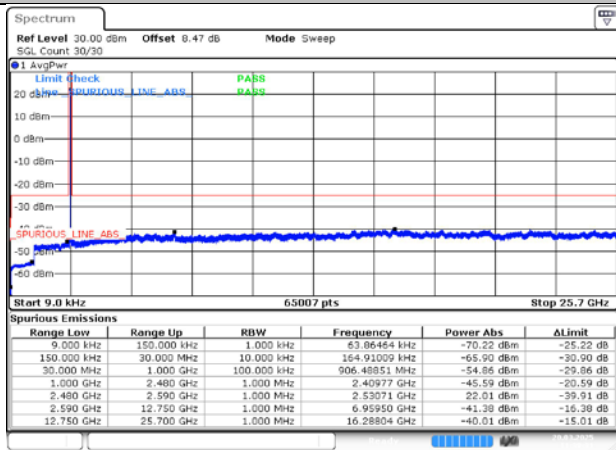
Date: 20 MAR 2025 11:37:32

## MCH / DFT-QPSK / Edge\_1RB\_Left



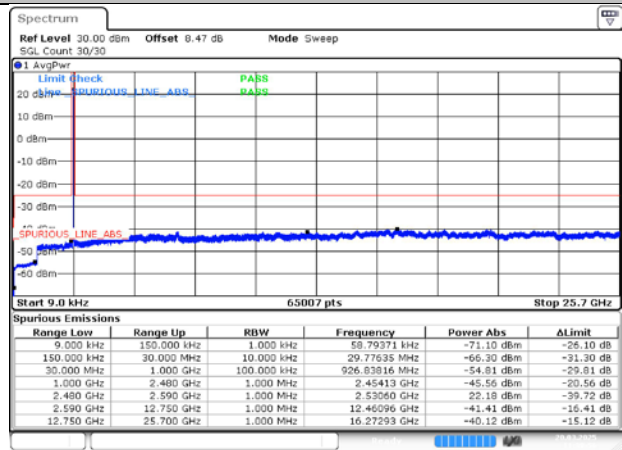
Date: 20 MAR 2025 11:38:03

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:38:30

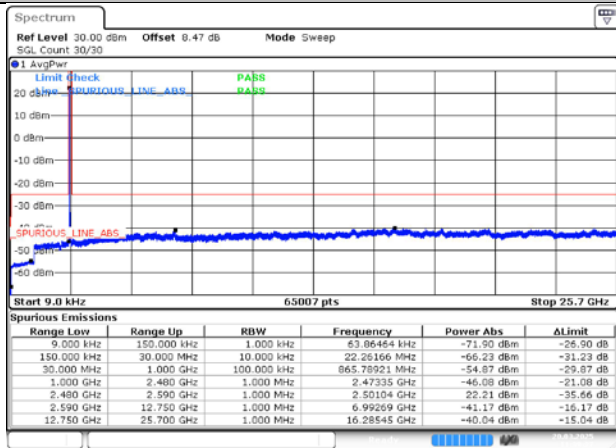
## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20 MAR 2025 11:38:55

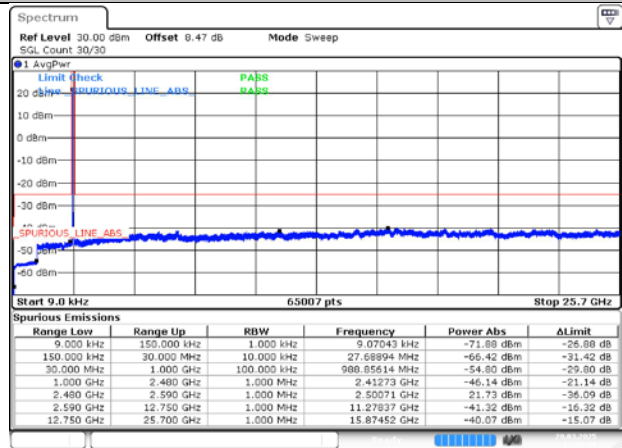
## n7A / 15KHz / 50MHz

## LCH / DFT-Pi2BPSK / Edge\_1RB\_Left



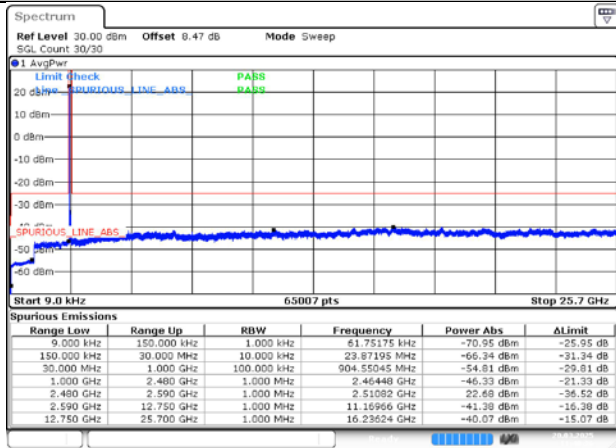
Date: 20.MAR.2025 11:39:27

## LCH / DFT-QPSK / Edge\_1RB\_Left



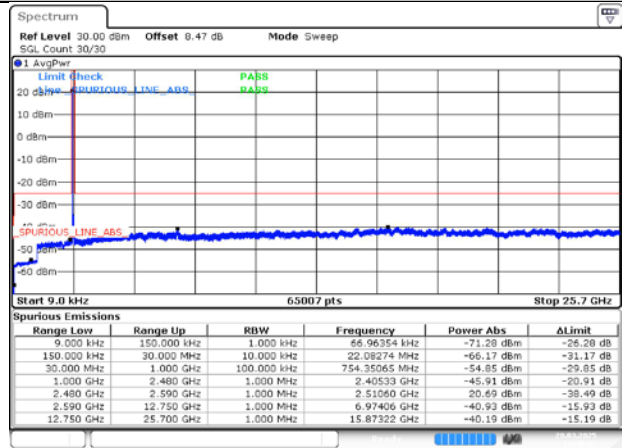
Date: 20.MAR.2025 11:39:59

## MCH / DFT-Pi2BPSK / Edge\_1RB\_Left



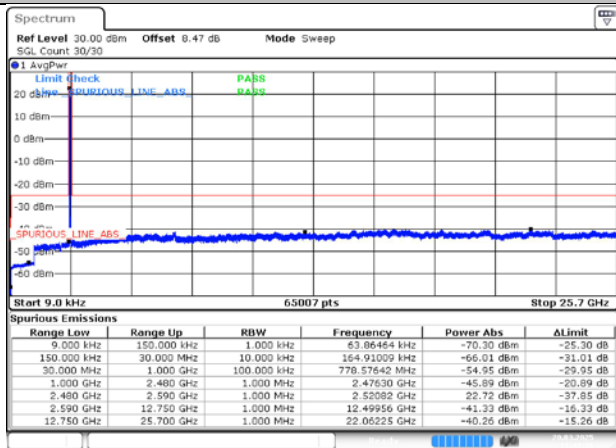
Date: 20.MAR.2025 11:40:26

## MCH / DFT-QPSK / Edge\_1RB\_Left



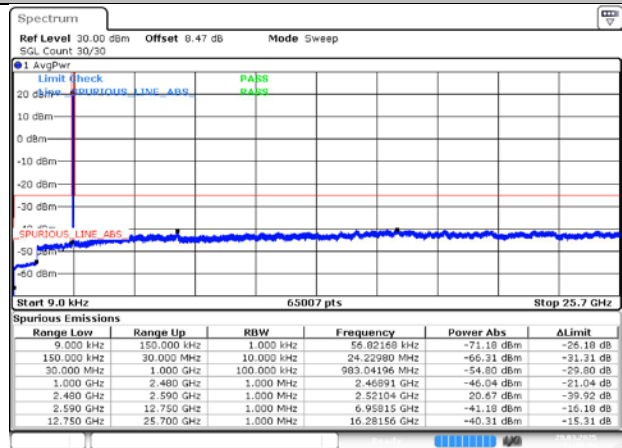
Date: 20.MAR.2025 11:40:51

## HCH / DFT-Pi2BPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:41:19

## HCH / DFT-QPSK / Edge\_1RB\_Left



Date: 20.MAR.2025 11:41:44

## 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 | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | LV      | -2.10            | -0.000828 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | NV      | -7.60            | -0.002998 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | NT          | HV      | -3.00            | -0.001183 | Pass    |

#### 7.1.2. Frequency Error Vs Temperature

| SCS   | Bandwidth | Channel | RB Config  | Modulation | Temperature | Voltage | Deviation Result |           | Verdict |
|-------|-----------|---------|------------|------------|-------------|---------|------------------|-----------|---------|
|       |           |         |            |            |             |         | (Hz)             | (ppm)     |         |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | -30°C       | NV      | -3.30            | -0.001302 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | -20°C       | NV      | -1.40            | -0.000552 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | -10°C       | NV      | -5.70            | -0.002249 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 0°C         | NV      | 0.70             | 0.000276  | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 10°C        | NV      | -4.90            | -0.001933 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 20°C        | NV      | -4.20            | -0.001657 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 30°C        | NV      | -3.10            | -0.001223 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 40°C        | NV      | -3.10            | -0.001223 | Pass    |
| 15KHz | 50MHz     | MCH     | Outer_Full | DFT-QPSK   | 50°C        | NV      | -1.00            | -0.000394 | Pass    |

The End

# **Appendix for n26A (814-824)**

## Catalogue

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## 1. Conducted power

### 1.1. Test Results @ Ant0

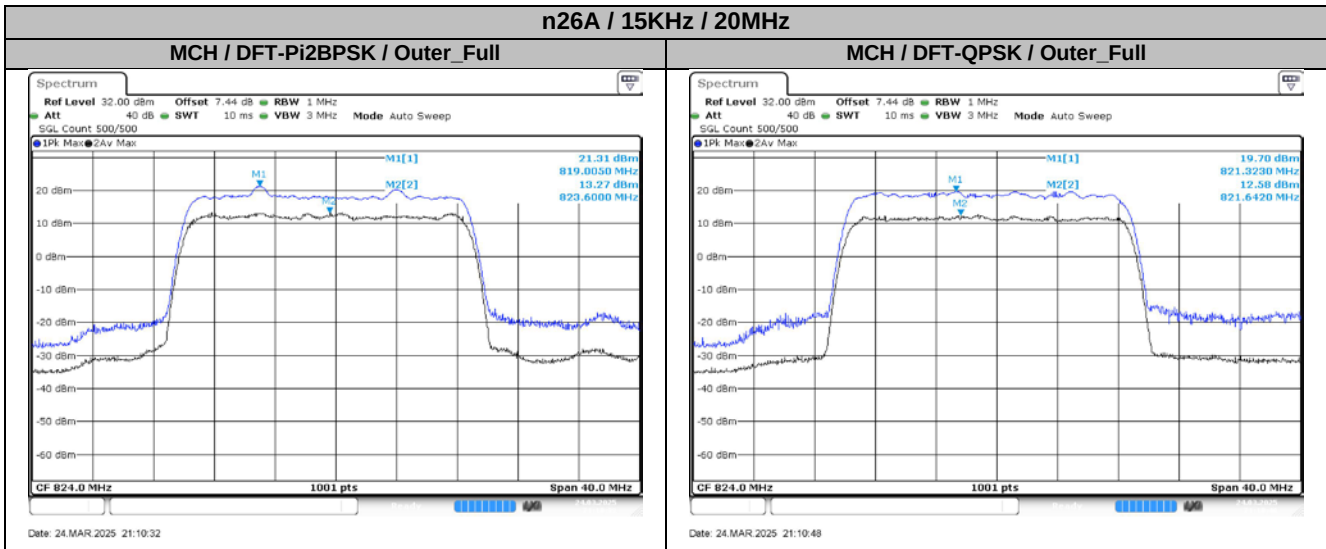
| SCS   | Bandwidth | Channel | Modulation  | Conducted Result (dBm) |                 |            | Verdict |
|-------|-----------|---------|-------------|------------------------|-----------------|------------|---------|
|       |           |         |             | Inner_1RB_Left         | Inner_1RB_Right | Inner_Full |         |
| 15KHz | 5MHz      | LCH     | DFT-Pi2BPSK | 23.20                  | 23.13           | 23.30      | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-QPSK    | 23.14                  | 23.13           | 23.25      | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-16QAM   | 22.33                  | 22.25           | 22.21      | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-64QAM   | 20.89                  | 20.80           | 20.78      | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-256QAM  | 18.68                  | 18.68           | 18.79      | Pass    |
| 15KHz | 5MHz      | LCH     | CP-QPSK     | 21.64                  | 21.46           | 21.73      | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-Pi2BPSK | 23.15                  | 23.13           | 23.19      | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-QPSK    | 23.11                  | 23.09           | 23.20      | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-16QAM   | 22.33                  | 22.28           | 22.11      | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-64QAM   | 20.85                  | 20.82           | 20.76      | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-256QAM  | 18.68                  | 18.64           | 18.89      | Pass    |
| 15KHz | 5MHz      | MCH     | CP-QPSK     | 21.57                  | 21.48           | 21.71      | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-Pi2BPSK | 23.10                  | 23.05           | 23.18      | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-QPSK    | 23.11                  | 23.08           | 23.21      | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-16QAM   | 22.28                  | 22.13           | 22.15      | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-64QAM   | 20.82                  | 20.70           | 20.71      | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-256QAM  | 18.64                  | 18.58           | 18.81      | Pass    |
| 15KHz | 5MHz      | HCH     | CP-QPSK     | 21.47                  | 21.47           | 21.63      | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-Pi2BPSK | 23.19                  | 23.06           | 23.19      | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-QPSK    | 23.14                  | 23.07           | 23.17      | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-16QAM   | 22.33                  | 22.19           | 22.17      | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-64QAM   | 20.96                  | 20.64           | 20.70      | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-256QAM  | 18.73                  | 18.55           | 18.74      | Pass    |
| 15KHz | 10MHz     | MCH     | CP-QPSK     | 21.59                  | 21.42           | 21.62      | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-Pi2BPSK | 23.19                  | 23.09           | 23.16      | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-QPSK    | 23.12                  | 23.02           | 23.13      | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-16QAM   | 22.38                  | 22.16           | 22.16      | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-64QAM   | 20.94                  | 20.77           | 20.65      | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-256QAM  | 18.68                  | 18.48           | 18.73      | Pass    |
| 15KHz | 15MHz     | MCH     | CP-QPSK     | 21.58                  | 21.45           | 21.63      | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-Pi2BPSK | 23.22                  | 23.13           | 23.20      | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-QPSK    | 23.13                  | 23.07           | 23.17      | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-16QAM   | 22.39                  | 22.28           | 22.16      | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-64QAM   | 21.01                  | 20.84           | 20.71      | Pass    |
| 15KHz | 20MHz     | MCH     | DFT-256QAM  | 18.65                  | 18.60           | 18.68      | Pass    |
| 15KHz | 20MHz     | MCH     | CP-QPSK     | 21.59                  | 21.50           | 21.64      | Pass    |

## 2. Peak-to-Average Ratio

### 2.1. Test Results

| SCS   | Bandwidth | Channel | Modulation | Result (dB) |          | Limit (dB) | Verdict |
|-------|-----------|---------|------------|-------------|----------|------------|---------|
|       |           |         |            | DFT-Pi2BPSK | DFT-QPSK |            |         |
| 15KHz | 20MHz     | MCH     | Outer_Full | 8.04        | 7.12     | 13.00      | Pass    |

### 2.2. Test Plots for SCS=15KHz



## 3. Modulation Characteristics

### 3.1. Test Plots for SCS=15KHz

