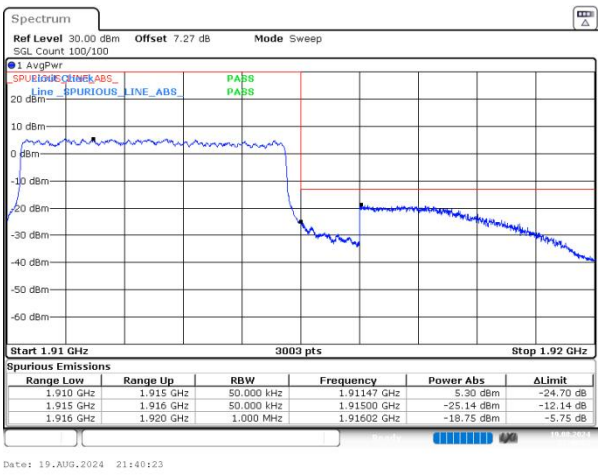
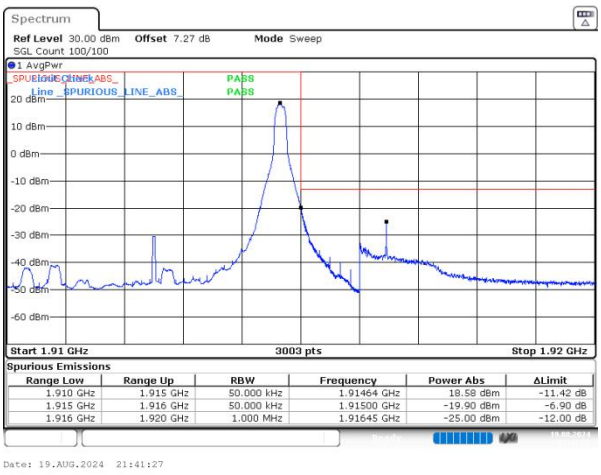


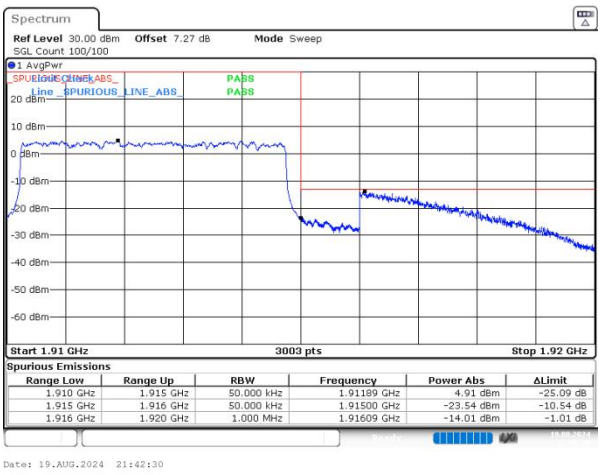

n25 SCS=15kHz DFT_BPSK BW=5MHz HighChannel=382500

RB=25@0 NVNT



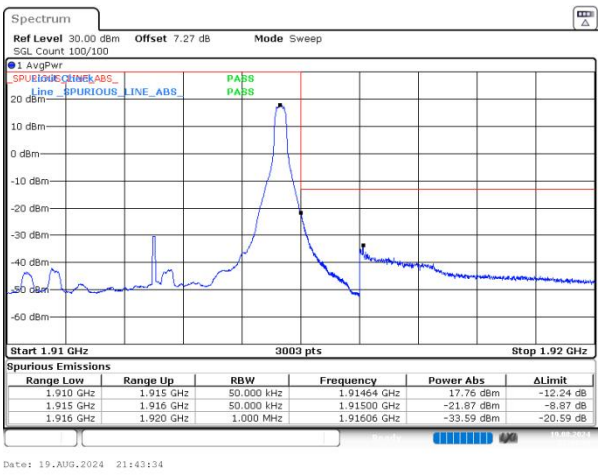

n25 SCS=15kHz DFT_QPSK BW=5MHz HighChannel=382500

RB=1@24 NVNT



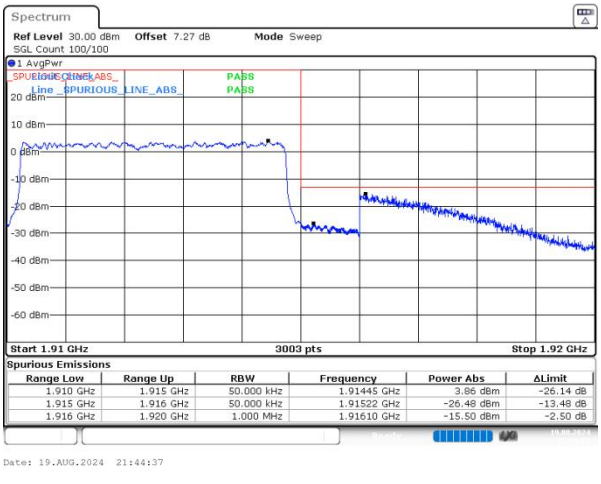

n25 SCS=15kHz DFT_QPSK BW=5MHz HighChannel=382500

RB=25@0 NVNT



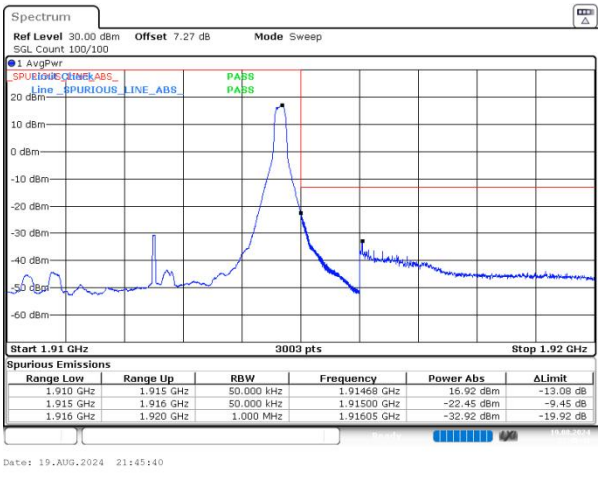

n25 SCS=15kHz DFT_16QAM BW=5MHz HighChannel=382500

RB=1@24 NVNT



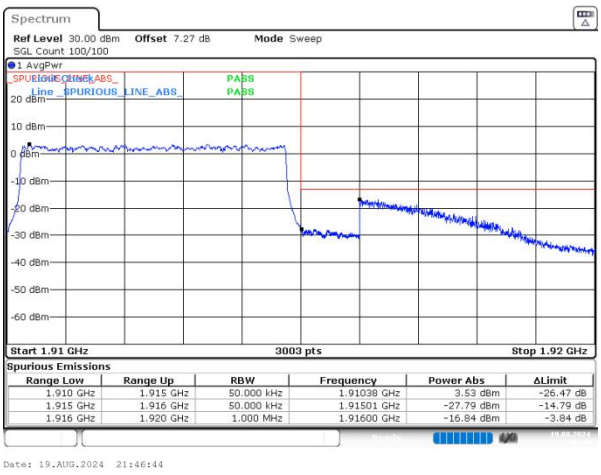

n25 SCS=15kHz DFT_16QAM BW=5MHz HighChannel=382500

RB=25@0 NVNT

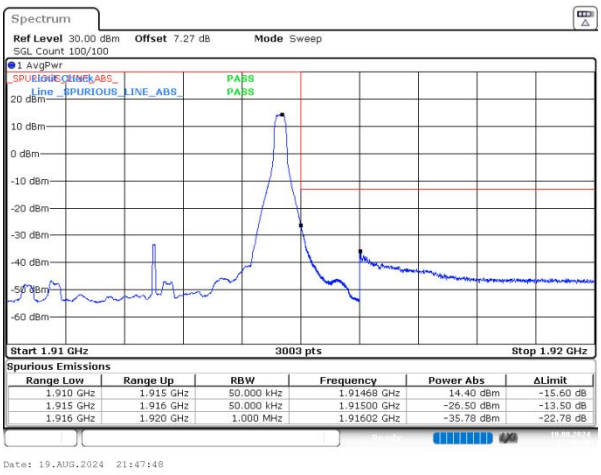



n25 SCS=15kHz DFT_64QAM BW=5MHz HighChannel=382500

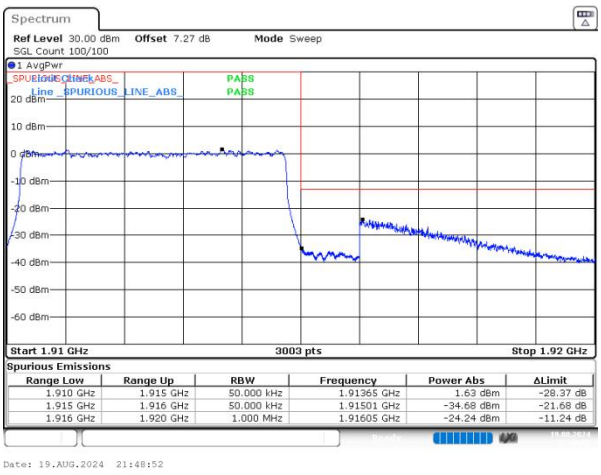
RB=1@24 NVNT



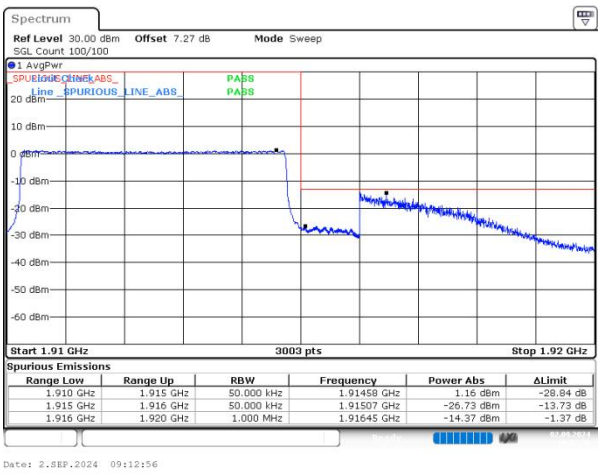

n25 SCS=15kHz DFT_64QAM BW=5MHz HighChannel=382500 RB=25@0 NVNT



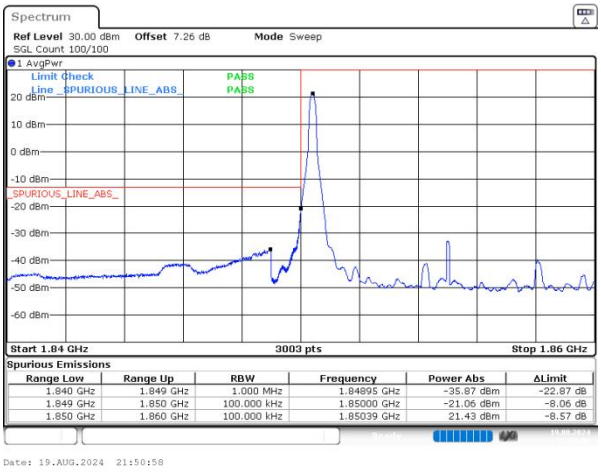

n25 SCS=15kHz DFT_256QAM BW=5MHz HighChannel=382500 RB=1@24 NVNT



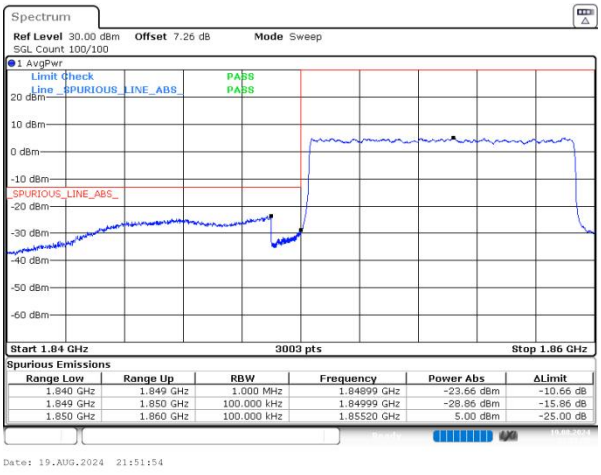

n25 SCS=15kHz DFT_256QAM BW=5MHz HighChannel=382500 RB=25@0 NVNT



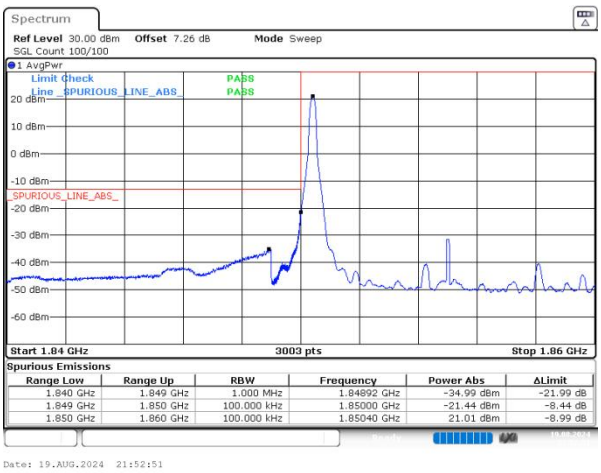

n25 SCS=15kHz CP_QPSK BW=5MHz HighChannel=382500 RB=25@0 NVNT



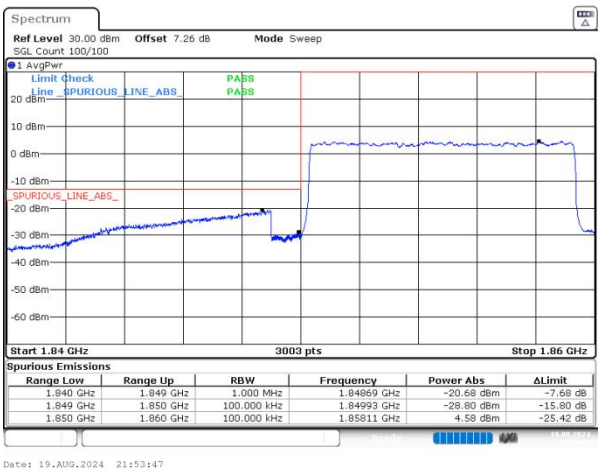

n25 SCS=15kHz DFT_BPSK BW=10MHz LowChannel=371000 RB=1@0 NVNT



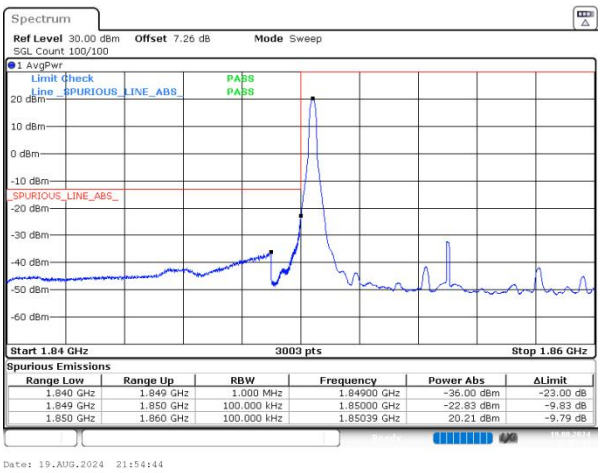

n25 SCS=15kHz DFT_BPSK BW=10MHz LowChannel=371000 RB=50@0 NVNT



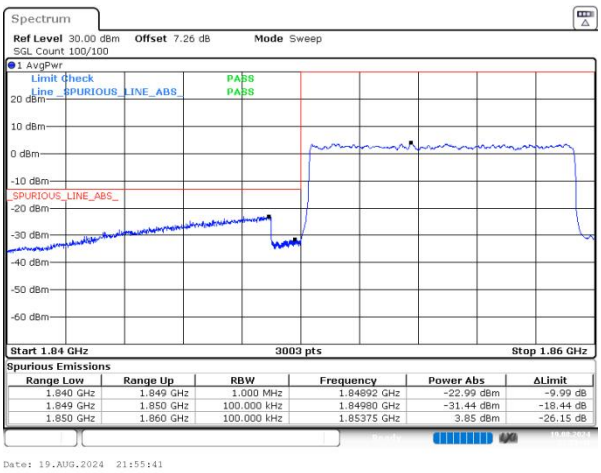

n25 SCS=15kHz DFT_QPSK BW=10MHz LowChannel=371000 RB=1@0 NVNT



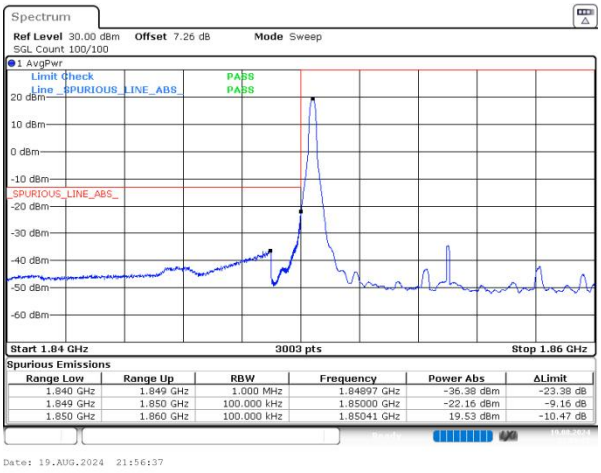

n25 SCS=15kHz DFT_QPSK BW=10MHz LowChannel=371000 RB=50@0 NVNT



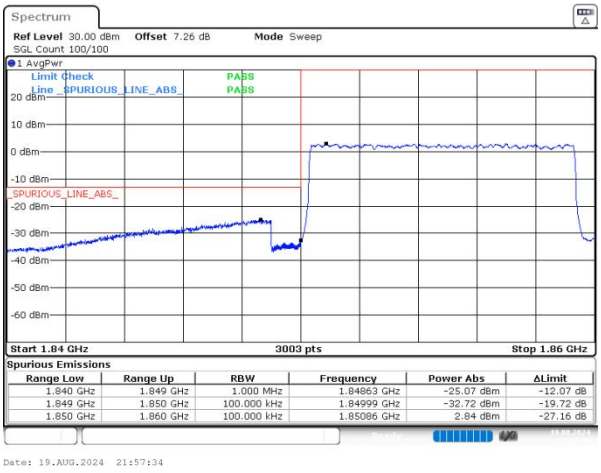

n25 SCS=15kHz DFT_16QAM BW=10MHz LowChannel=371000 RB=1@0 NVNT



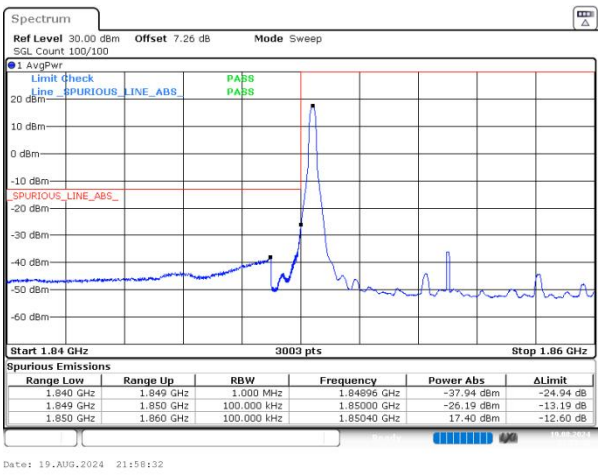

n25 SCS=15kHz DFT_16QAM BW=10MHz LowChannel=371000 RB=50@0 NVNT




n25 SCS=15kHz DFT_64QAM BW=10MHz LowChannel=371000 RB=1@0 NVNT

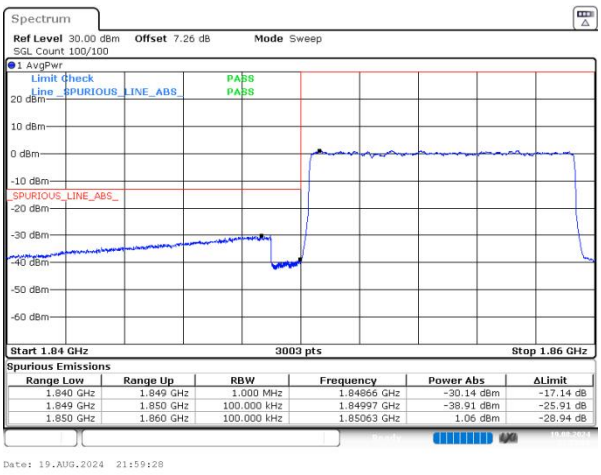



n25 SCS=15kHz DFT_64QAM BW=10MHz LowChannel=371000 RB=50@0 NVNT



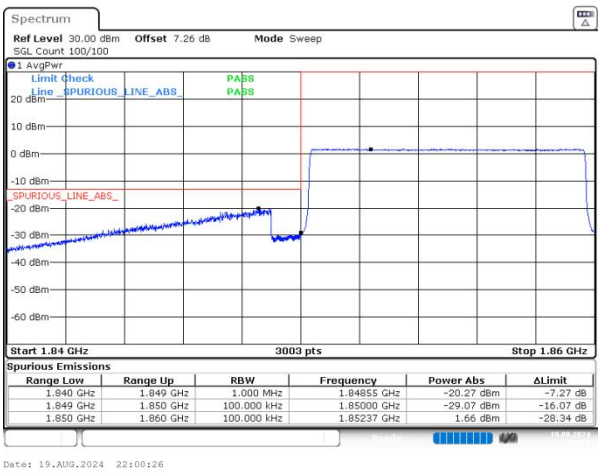

n25 SCS=15kHz DFT_256QAM BW=10MHz

LowChannel=371000 RB=1@0 NVNT



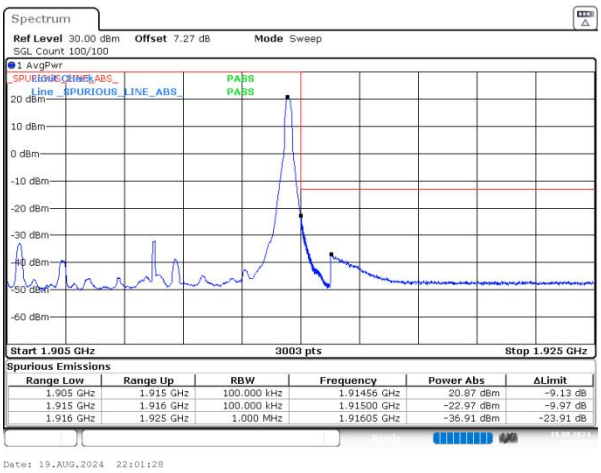

n25 SCS=15kHz DFT_256QAM BW=10MHz

LowChannel=371000 RB=50@0 NVNT



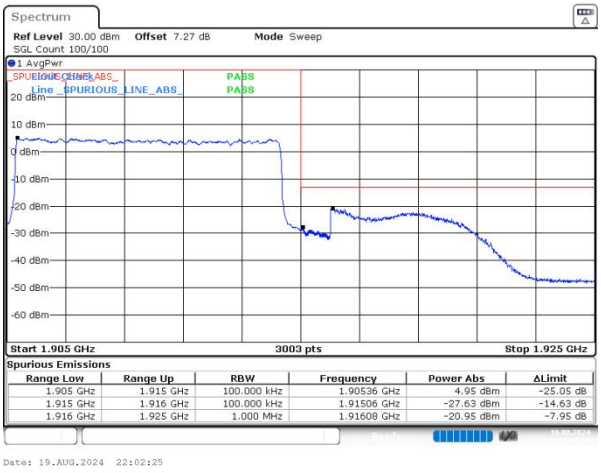

n25 SCS=15kHz CP_QPSK BW=10MHz LowChannel=371000

RB=52@0 NVNT



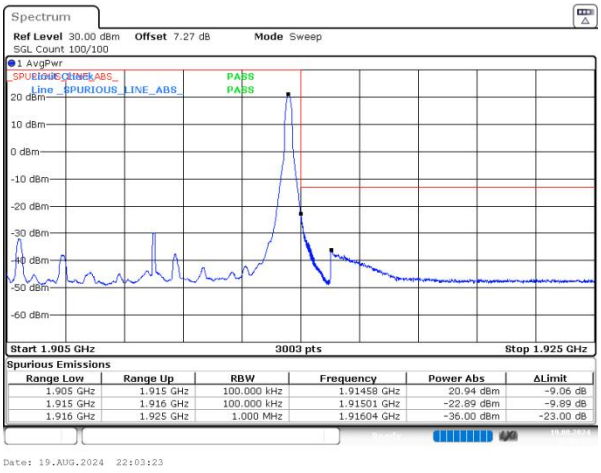

n25 SCS=15kHz DFT_BPSK BW=10MHz HighChannel=382000

RB=1@51 NVNT



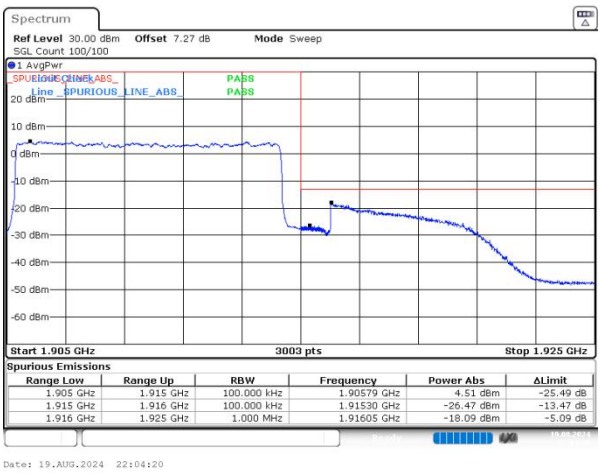

n25 SCS=15kHz DFT_BPSK BW=10MHz HighChannel=382000

RB=50@0 NVNT

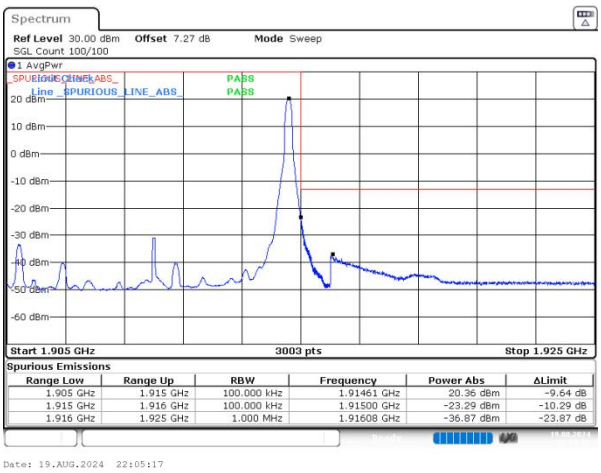



n25 SCS=15kHz DFT_QPSK BW=10MHz HighChannel=382000

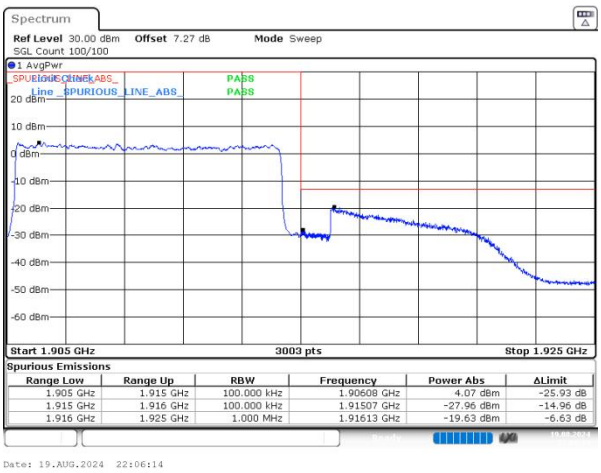
RB=1@51 NVNT



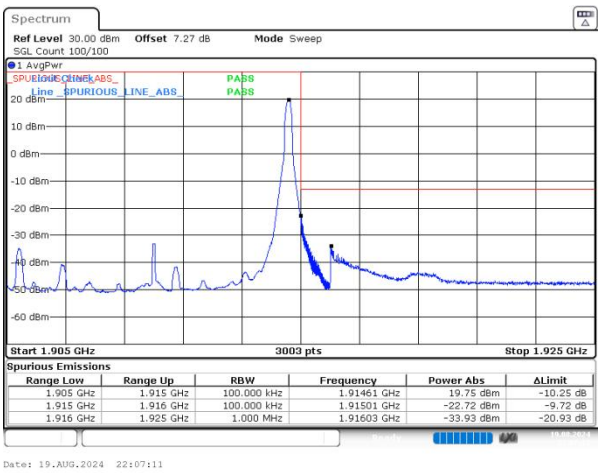

n25 SCS=15kHz DFT_QPSK BW=10MHz HighChannel=382000 RB=50@0 NVNT



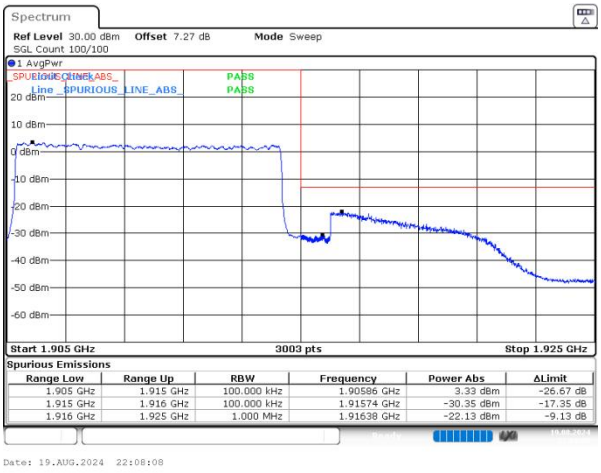

n25 SCS=15kHz DFT_16QAM BW=10MHz HighChannel=382000 RB=1@51 NVNT



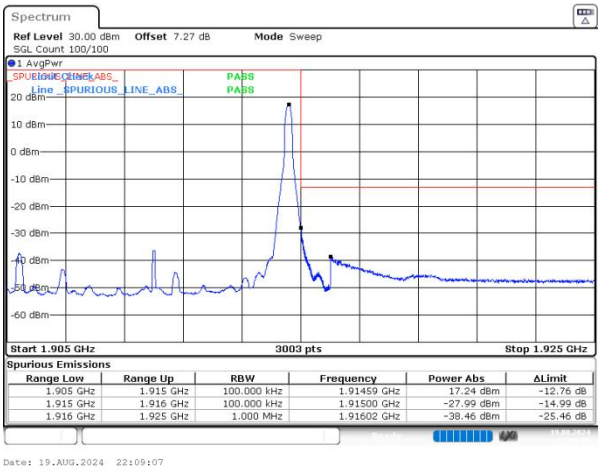

n25 SCS=15kHz DFT_16QAM BW=10MHz HighChannel=382000 RB=50@0 NVNT



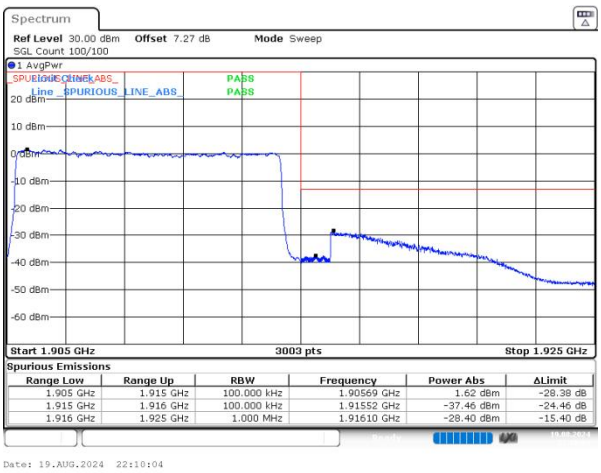

n25 SCS=15kHz DFT_64QAM BW=10MHz HighChannel=382000 RB=1@51 NVNT



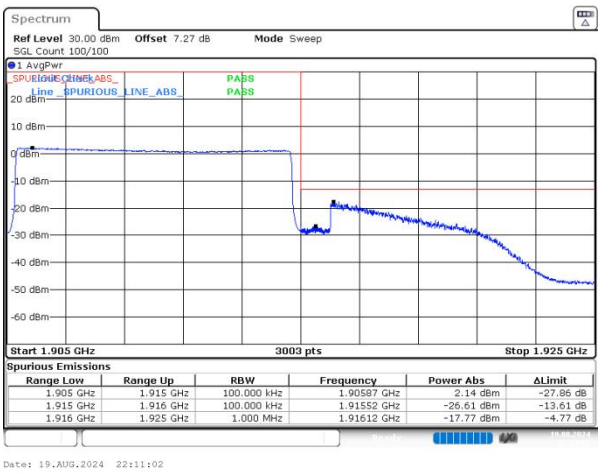

n25 SCS=15kHz DFT_64QAM BW=10MHz HighChannel=382000 RB=50@0 NVNT



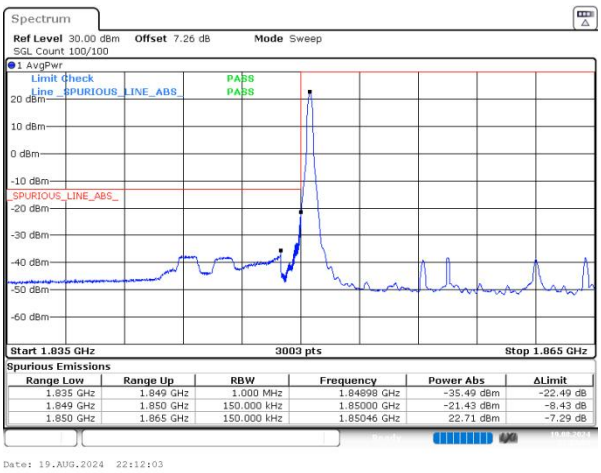

n25 SCS=15kHz DFT_256QAM BW=10MHz HighChannel=382000 RB=1@51 NVNT



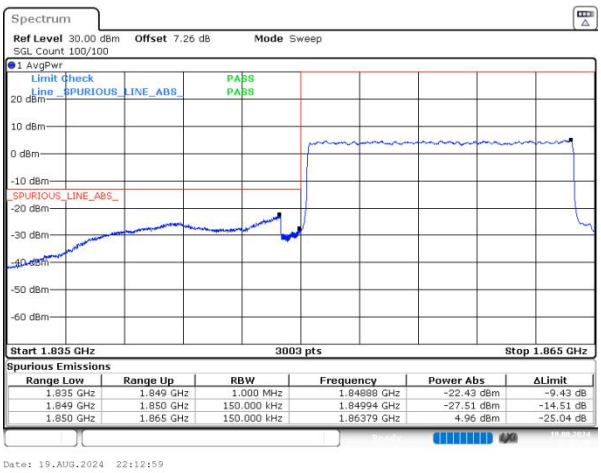

n25 SCS=15kHz DFT_256QAM BW=10MHz HighChannel=382000 RB=50@0 NVNT



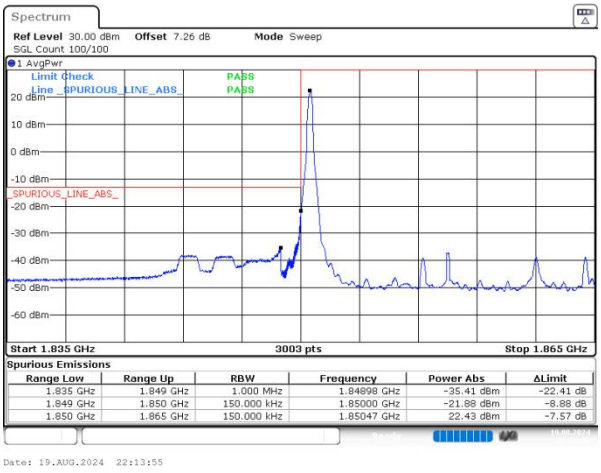

n25 SCS=15kHz CP_QPSK BW=10MHz HighChannel=382000 RB=52@0 NVNT



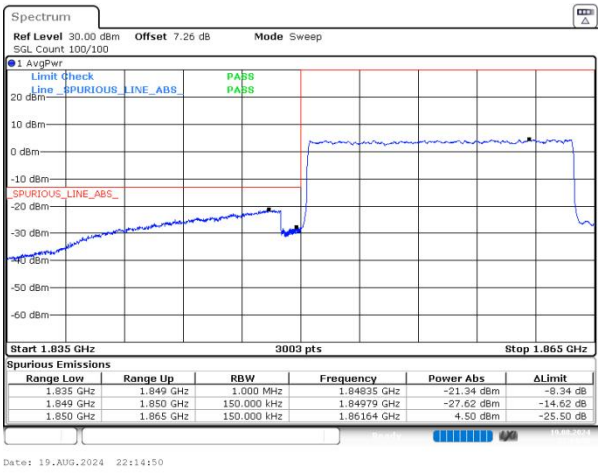

n25 SCS=15kHz DFT_BPSK BW=15MHz LowChannel=371500 RB=1@0 NVNT



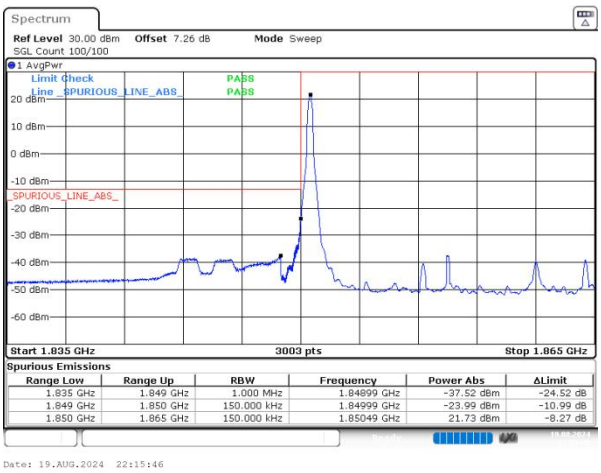

n25 SCS=15kHz DFT_BPSK BW=15MHz LowChannel=371500 RB=75@0 NVNT




n25 SCS=15kHz DFT_QPSK BW=15MHz LowChannel=371500 RB=1@0 NVNT

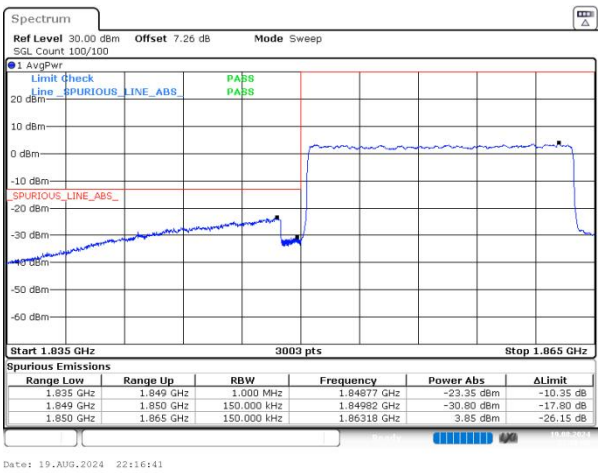



n25 SCS=15kHz DFT_QPSK BW=15MHz LowChannel=371500 RB=75@0 NVNT



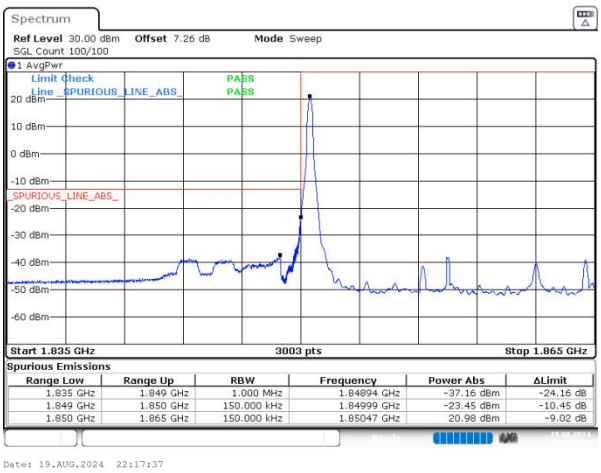

n25 SCS=15kHz DFT_16QAM BW=15MHz

LowChannel=371500 RB=1@0 NVNT



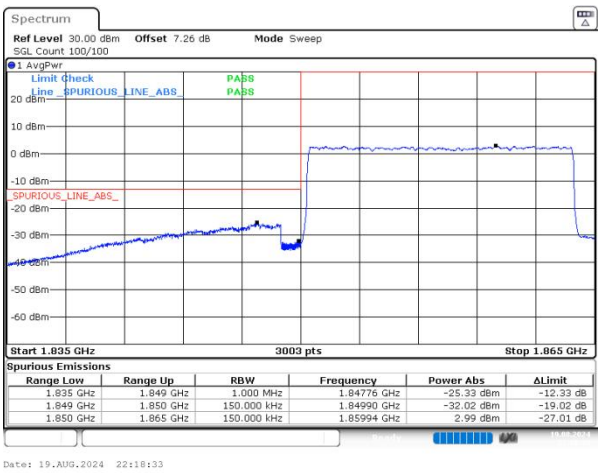

n25 SCS=15kHz DFT_16QAM BW=15MHz

LowChannel=371500 RB=75@0 NVNT



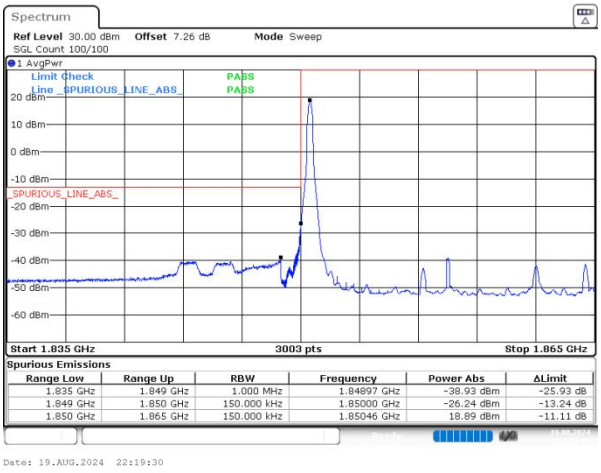

n25 SCS=15kHz DFT_64QAM BW=15MHz

LowChannel=371500 RB=1@0 NVNT



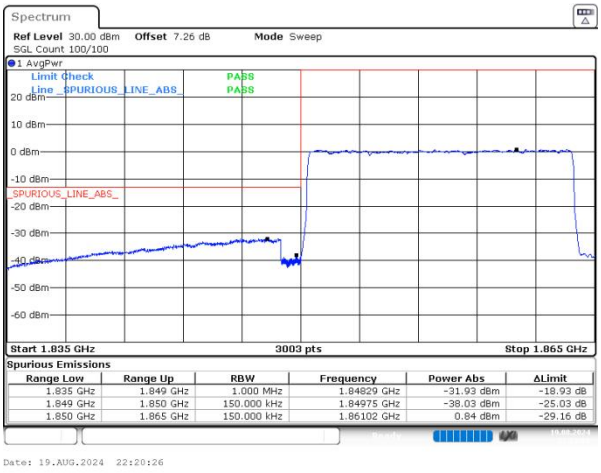

n25 SCS=15kHz DFT_64QAM BW=15MHz

LowChannel=371500 RB=75@0 NVNT



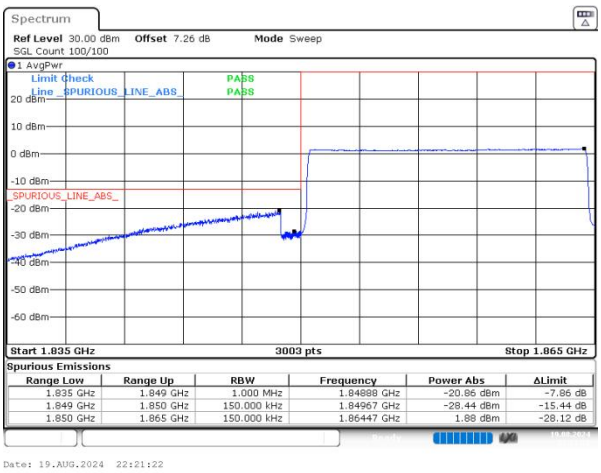

n25 SCS=15kHz DFT_256QAM BW=15MHz

LowChannel=371500 RB=1@0 NVNT

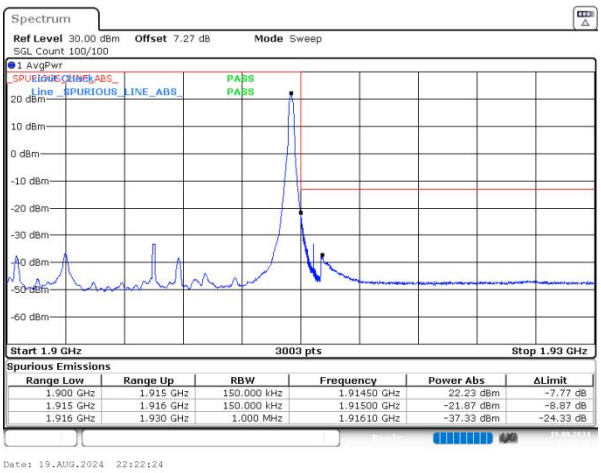



n25 SCS=15kHz DFT_256QAM BW=15MHz

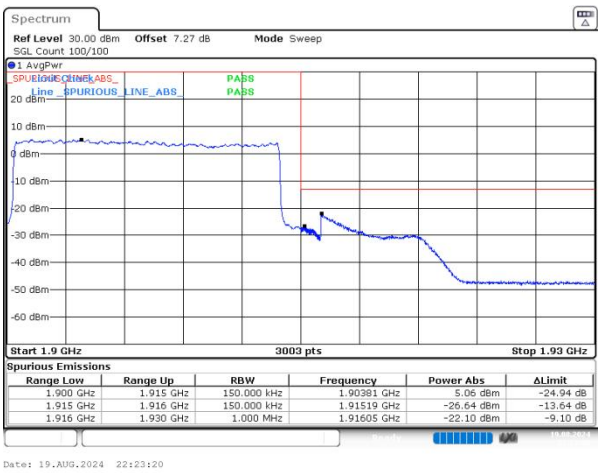
LowChannel=371500 RB=75@0 NVNT



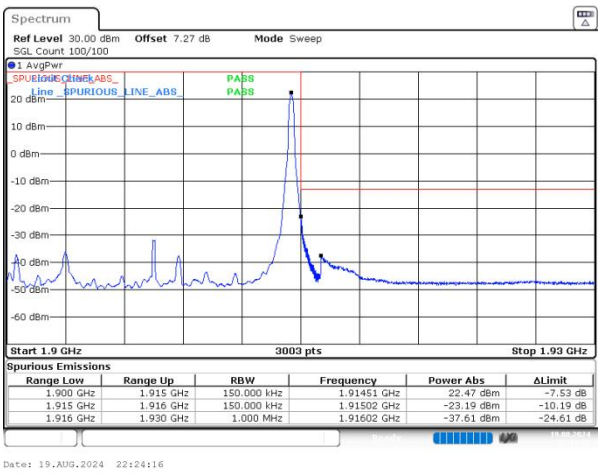

n25 SCS=15kHz CP_QPSK BW=15MHz LowChannel=371500 RB=79@0 NVNT



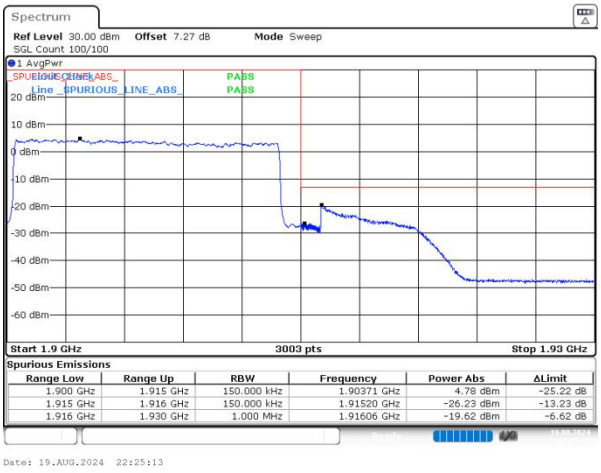

n25 SCS=15kHz DFT_BPSK BW=15MHz HighChannel=381500 RB=1@78 NVNT



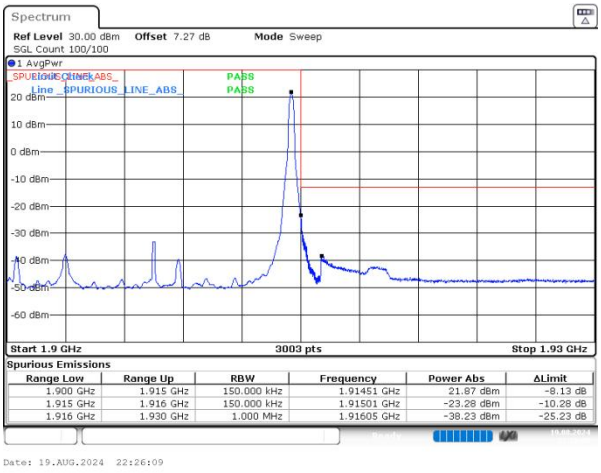

n25 SCS=15kHz DFT_BPSK BW=15MHz HighChannel=381500 RB=75@0 NVNT



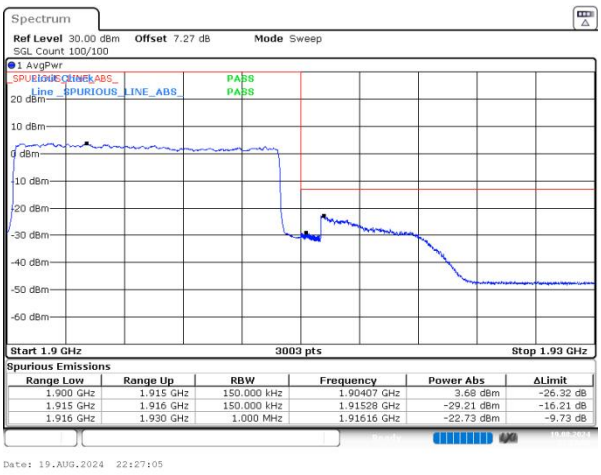

n25 SCS=15kHz DFT_QPSK BW=15MHz HighChannel=381500 RB=1@78 NVNT




n25 SCS=15kHz DFT_QPSK BW=15MHz HighChannel=381500 RB=75@0 NVNT

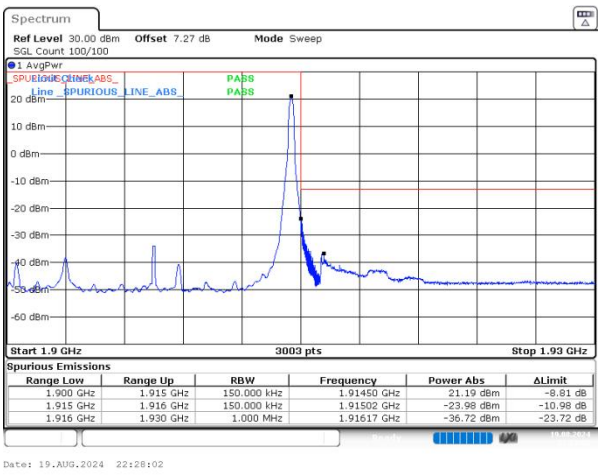



n25 SCS=15kHz DFT_16QAM BW=15MHz HighChannel=381500 RB=1@78 NVNT



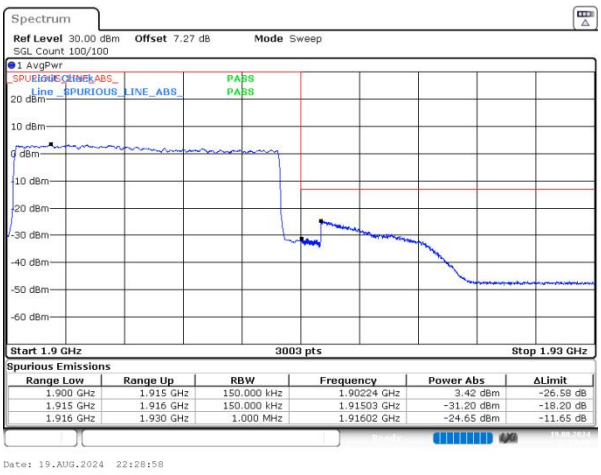

n25 SCS=15kHz DFT_16QAM BW=15MHz

HighChannel=381500 RB=75@0 NVNT



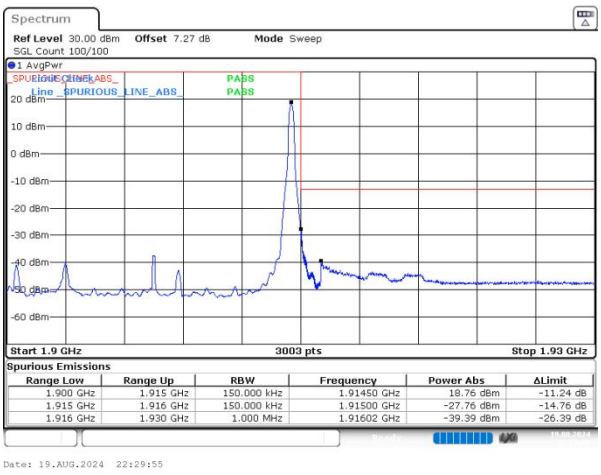

n25 SCS=15kHz DFT_64QAM BW=15MHz

HighChannel=381500 RB=1@78 NVNT



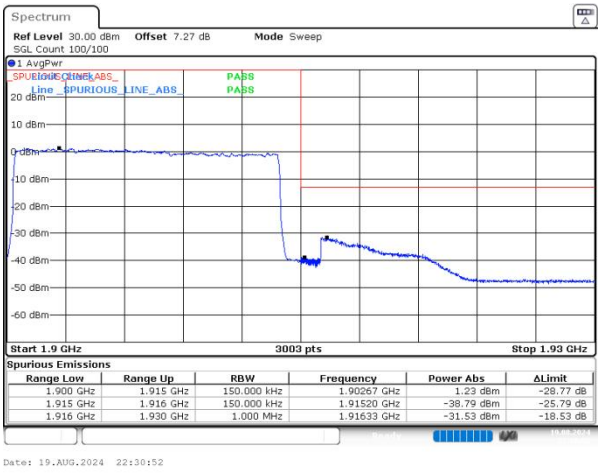

n25 SCS=15kHz DFT_64QAM BW=15MHz

HighChannel=381500 RB=75@0 NVNT



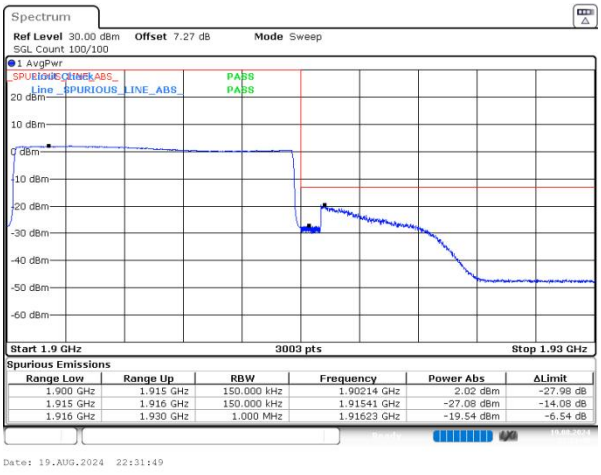

n25 SCS=15kHz DFT_256QAM BW=15MHz

HighChannel=381500 RB=1@78 NVNT



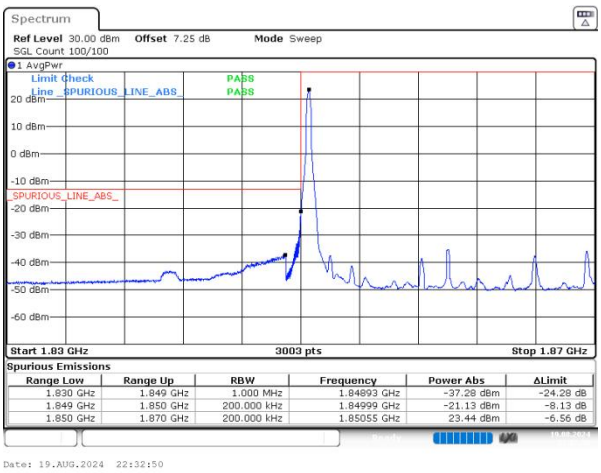

n25 SCS=15kHz DFT_256QAM BW=15MHz

HighChannel=381500 RB=75@0 NVNT

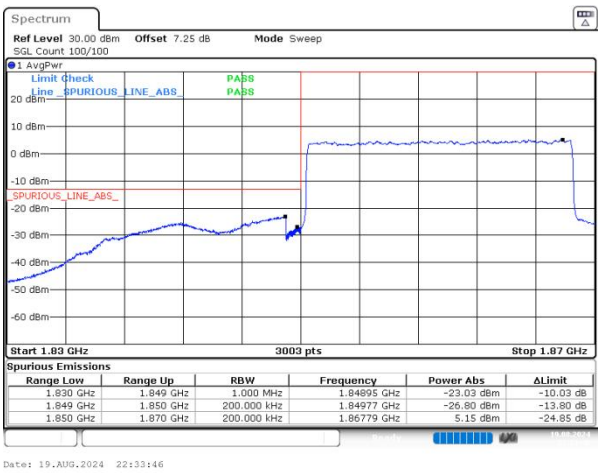



n25 SCS=15kHz CP_QPSK BW=15MHz HighChannel=381500

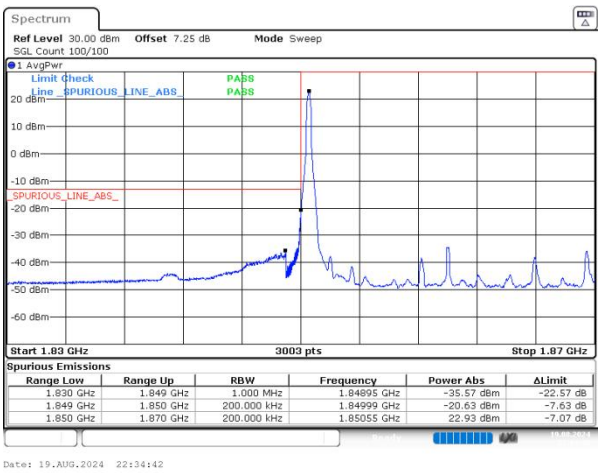
RB=79@0 NVNT



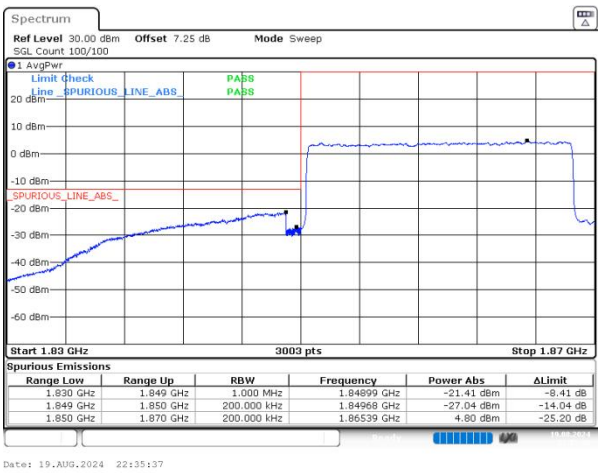

n25 SCS=15kHz DFT_BPSK BW=20MHz LowChannel=372000 RB=1@0 NVNT



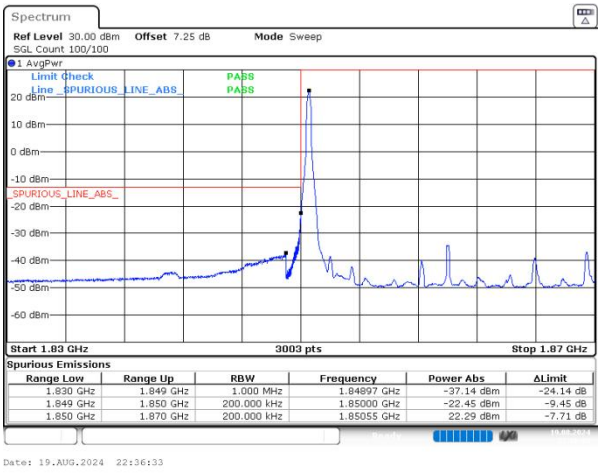

n25 SCS=15kHz DFT_BPSK BW=20MHz LowChannel=372000 RB=100@0 NVNT



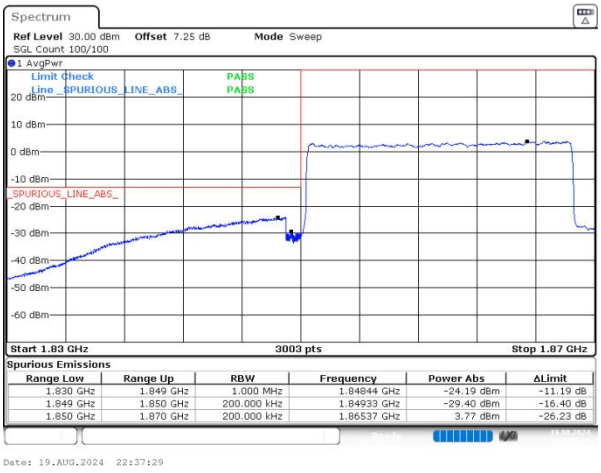

n25 SCS=15kHz DFT_QPSK BW=20MHz LowChannel=372000 RB=1@0 NVNT



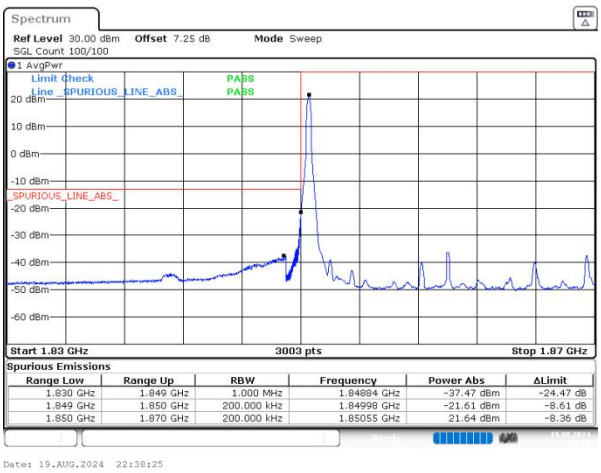

n25 SCS=15kHz DFT_QPSK BW=20MHz LowChannel=372000 RB=100@0 NVNT




n25 SCS=15kHz DFT_16QAM BW=20MHz LowChannel=372000 RB=1@0 NVNT

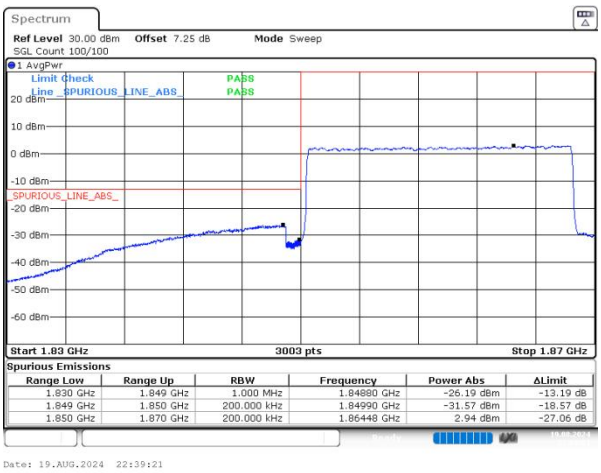



n25 SCS=15kHz DFT_16QAM BW=20MHz LowChannel=372000 RB=100@0 NVNT



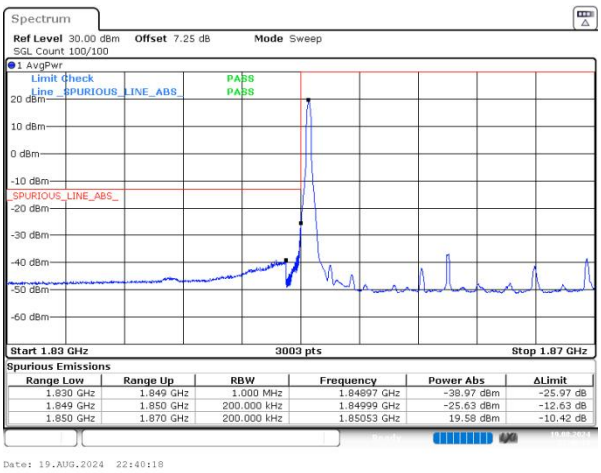

n25 SCS=15kHz DFT_64QAM BW=20MHz

LowChannel=372000 RB=1@0 NVNT



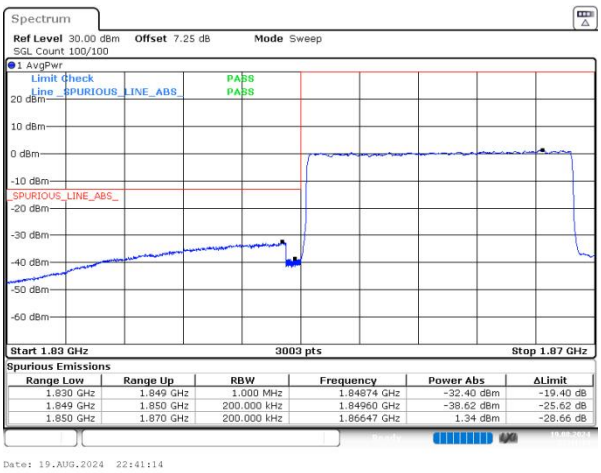

n25 SCS=15kHz DFT_64QAM BW=20MHz

LowChannel=372000 RB=100@0 NVNT



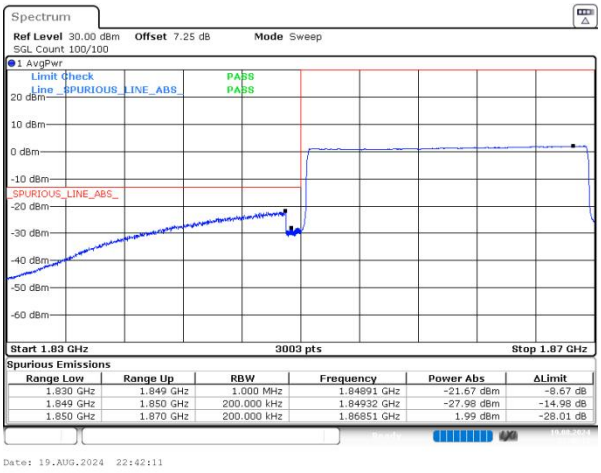

n25 SCS=15kHz DFT_256QAM BW=20MHz

LowChannel=372000 RB=1@0 NVNT



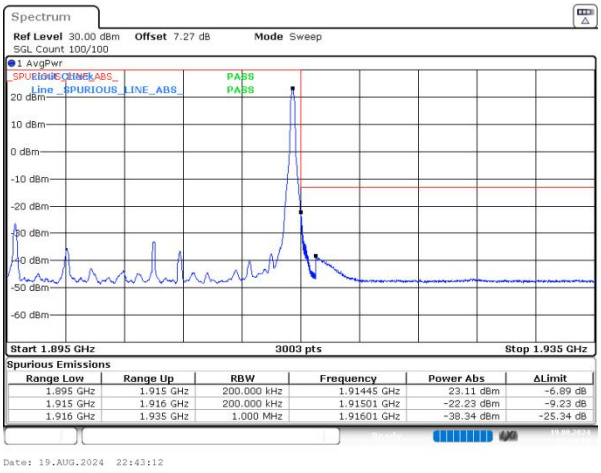

n25 SCS=15kHz DFT_256QAM BW=20MHz

LowChannel=372000 RB=100@0 NVNT



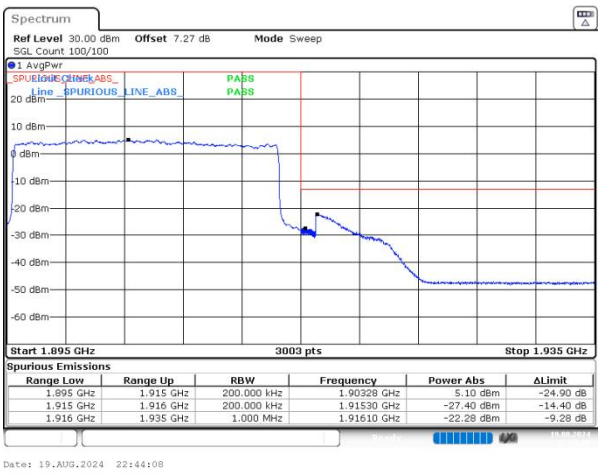

n25 SCS=15kHz CP_QPSK BW=20MHz LowChannel=372000

RB=106@0 NVNT

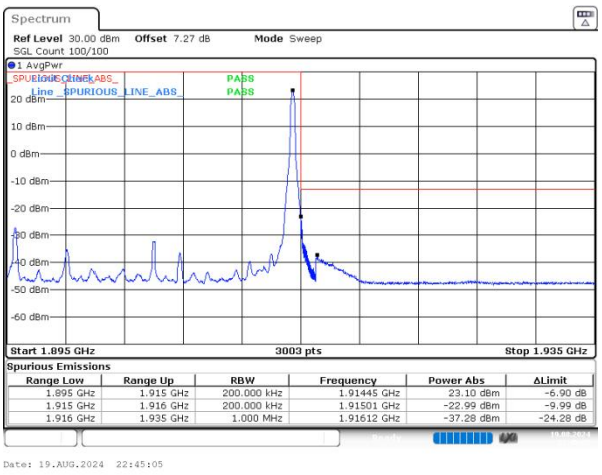



n25 SCS=15kHz DFT_BPSK BW=20MHz HighChannel=381000

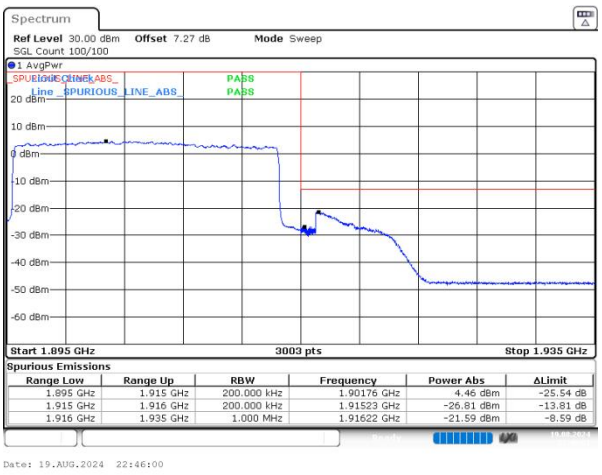
RB=1@105 NVNT



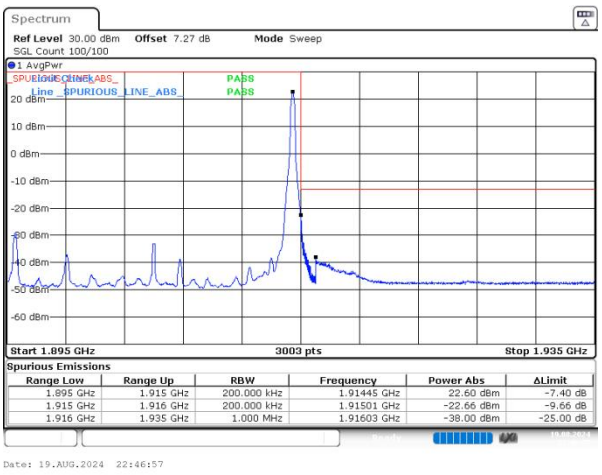

n25 SCS=15kHz DFT_BPSK BW=20MHz HighChannel=381000 RB=100@0 NVNT



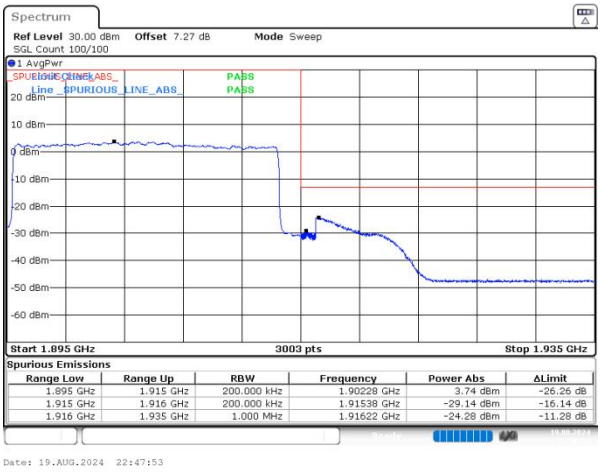

n25 SCS=15kHz DFT_QPSK BW=20MHz HighChannel=381000 RB=1@105 NVNT



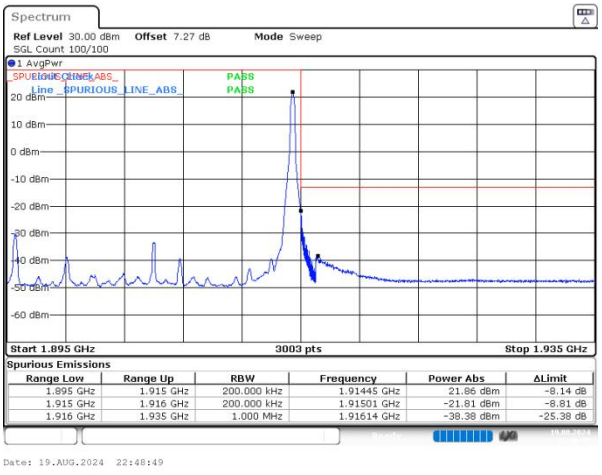

n25 SCS=15kHz DFT_QPSK BW=20MHz HighChannel=381000 RB=100@0 NVNT



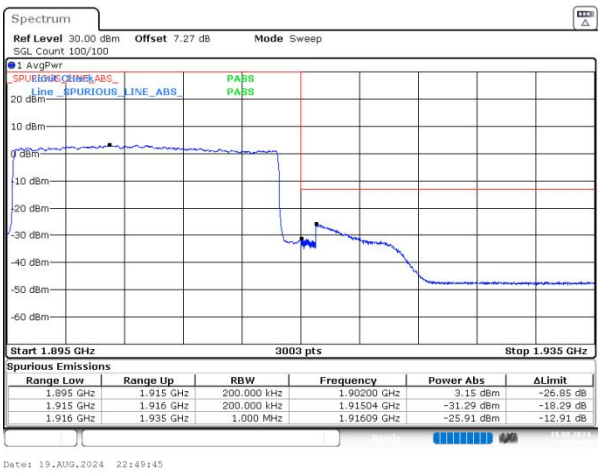

n25 SCS=15kHz DFT_16QAM BW=20MHz HighChannel=381000 RB=1@105 NVNT




n25 SCS=15kHz DFT_16QAM BW=20MHz HighChannel=381000 RB=100@0 NVNT

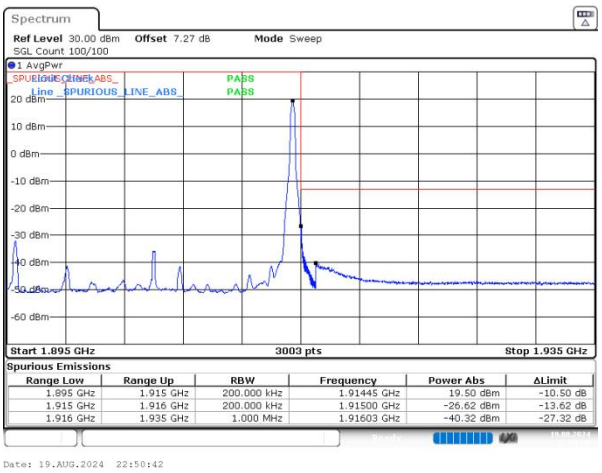



n25 SCS=15kHz DFT_64QAM BW=20MHz HighChannel=381000 RB=1@105 NVNT



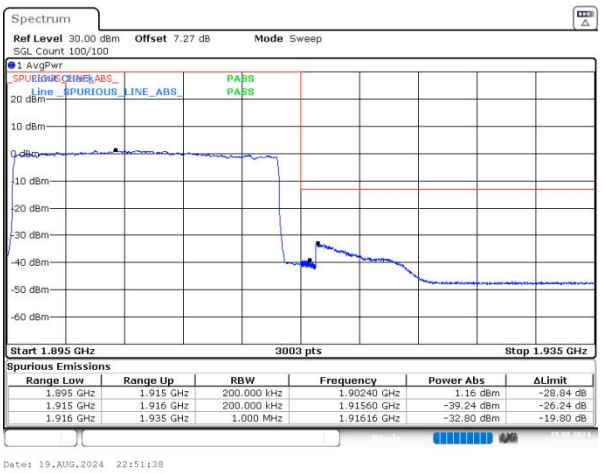

n25 SCS=15kHz DFT_64QAM BW=20MHz

HighChannel=381000 RB=100@0 NVNT



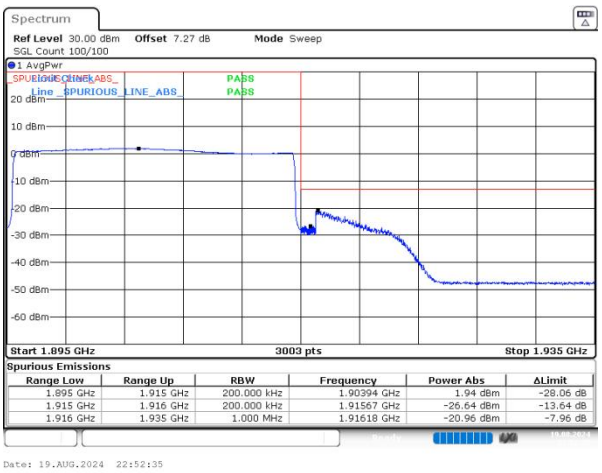

n25 SCS=15kHz DFT_256QAM BW=20MHz

HighChannel=381000 RB=1@105 NVNT




n25 SCS=15kHz DFT_256QAM BW=20MHz

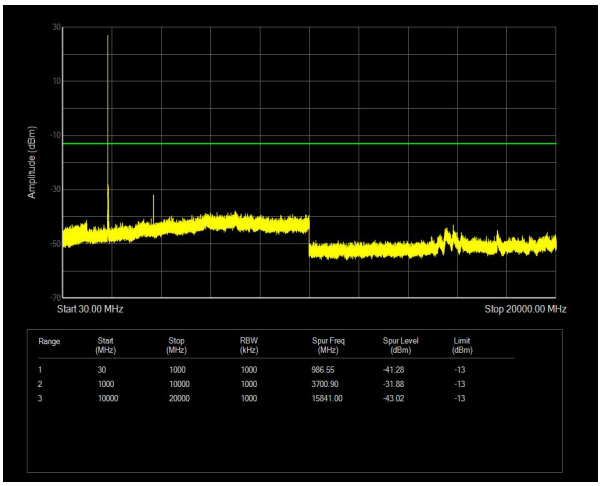
HighChannel=381000 RB=100@0 NVNT



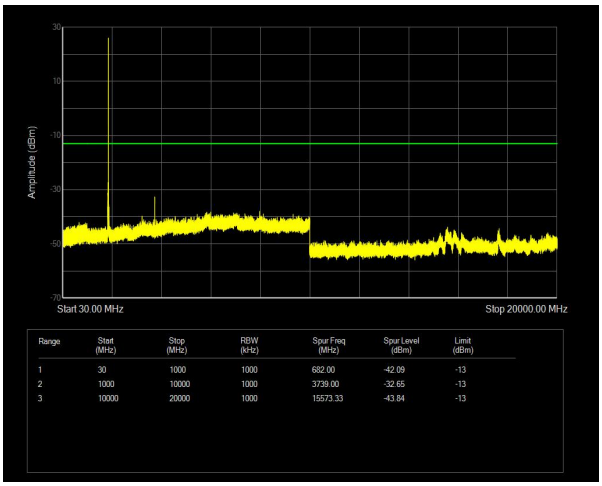

n25 SCS=15kHz CP_QPSK BW=20MHz HighChannel=381000

RB=106@0 NVNT

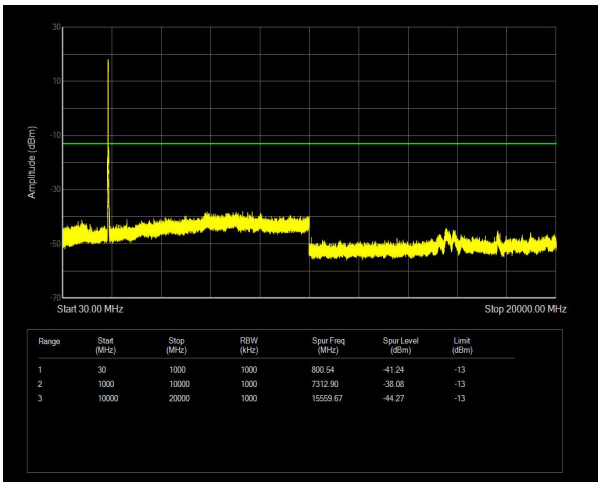
# 6. Conducted Spurious Emissions



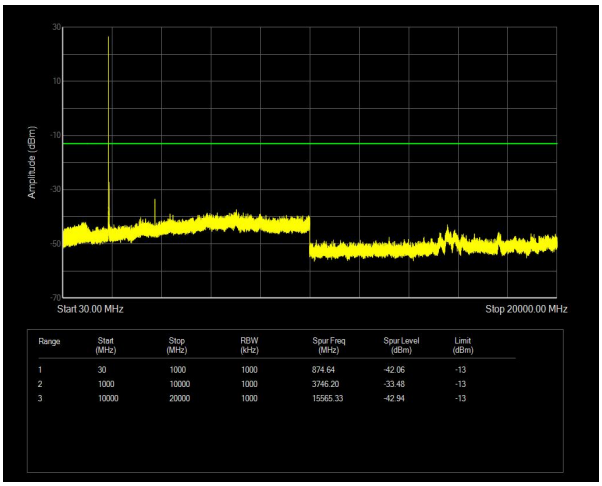

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=372000 RB=1@0 NVNT



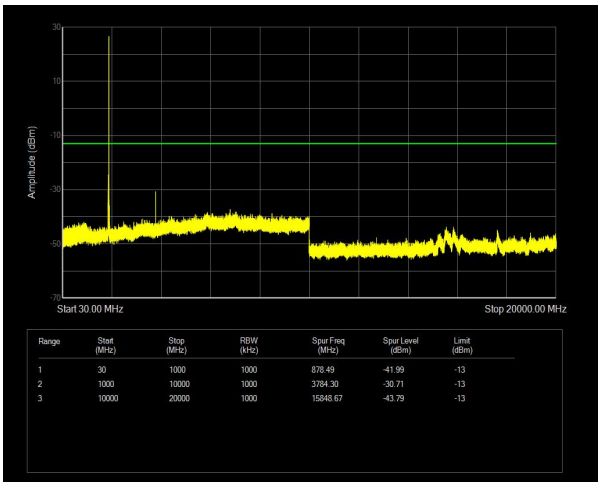

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=372000 RB=1@105 NVNT



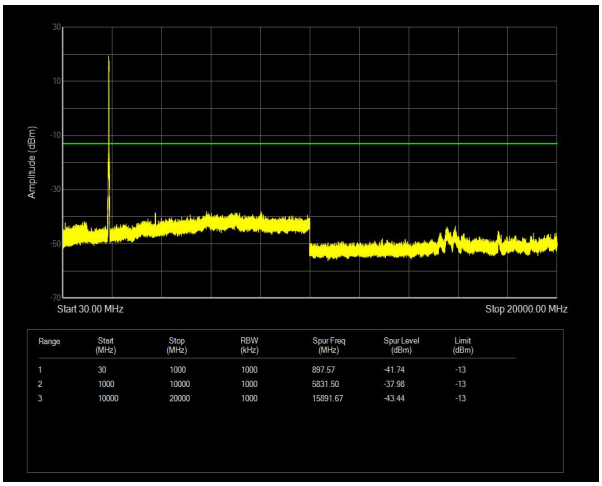

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=372000 RB=100@0 NVNT



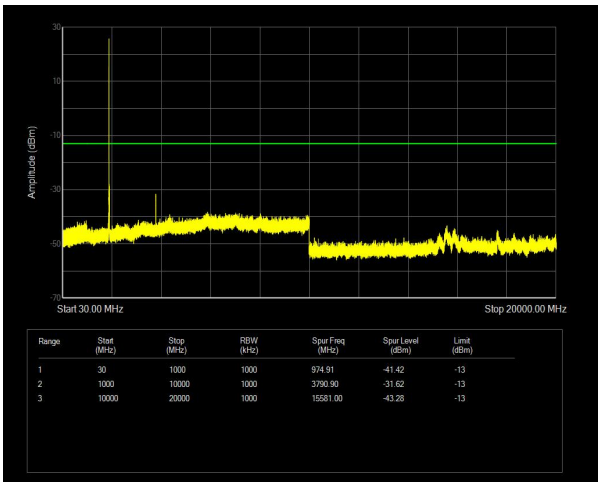

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=376500 RB=1@0 NVNT



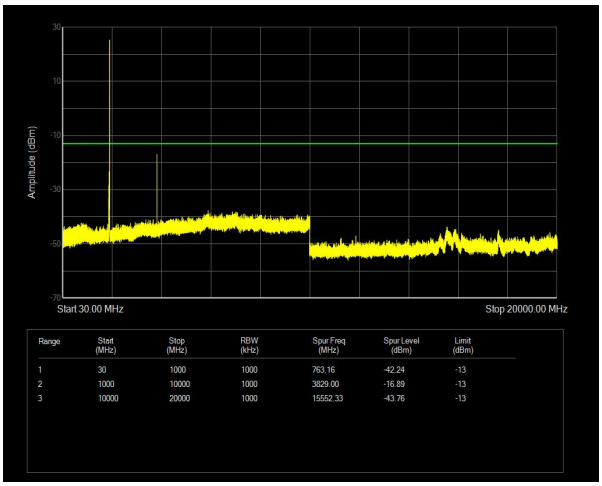

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=376500 RB=1@105 NVNT



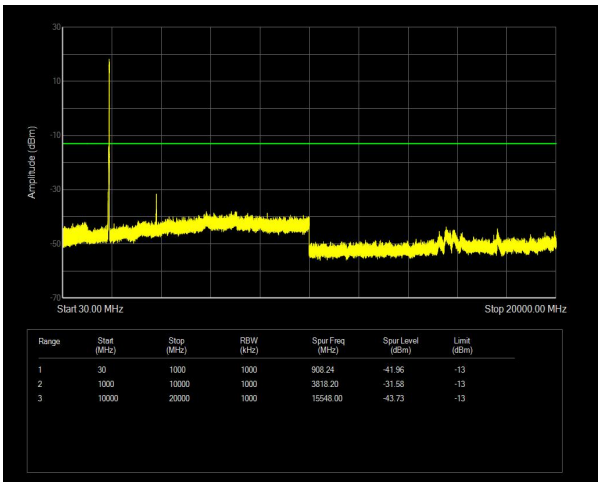

n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=376500 RB=100@0 NVNT




n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=381000 RB=1@0 NVNT




n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=381000 RB=1@105 NVNT




n25 SCS=15kHz DFT_BPSK BW=20MHz Channel=381000 RB=100@0 NVNT

# 7. Radiated Spurious Emissions

| n2 - DFT-s-OFDM - PI/2 BPSK - 20M - Middle Channel | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA. Reading (dBm) | S.G. Power (dBm) | Cable loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3735 | -48.24 | -13 | -35.24 | -56.75 | -54.95 | 4.52 | 11.23 | H | Pass |
| 5760 | -42.87 | -13 | -29.87 | -56.65 | -48.90 | 5.97 | 12.00 | H | Pass |
| 14565 | -40.29 | -13 | -27.29 | -66.85 | -44.19 | 9.9 | 13.80 | H | Pass |
| 3735 | -46.84 | -13 | -33.84 | -55.41 | -53.55 | 4.52 | 11.23 | V | Pass |
| 5760 | -44.12 | -13 | -31.12 | -57.63 | -50.15 | 5.97 | 12.00 | V | Pass |
| 11100 | -43.49 | -13 | -30.49 | -68.21 | -47.83 | 7.86 | 12.20 | V | Pass |
| **n25 - DFT-s-OFDM - PI/2 BPSK - 20M - High Channel** | | | | | | | | | |
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | SPA. Reading (dBm) | S.G. Power (dBm) | Cable loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3780 | -47.12 | -13 | -34.12 | -55.67 | -54.13 | 4.55 | 11.56 | H | Pass |
| 5760 | -43.29 | -13 | -30.29 | -57.34 | -49.32 | 5.97 | 12.00 | H | Pass |
| 13065 | -39.48 | -13 | -26.48 | -67.68 | -43.35 | 8.78 | 12.65 | H | Pass |
| 3780 | -46.12 | -13 | -33.12 | -54.71 | -39.02 | 4.55 | 11.56 | V | Pass |
| 5760 | -42.67 | -13 | -29.67 | -56.31 | -53.31 | 5.97 | 12 | V | Pass |
| 10380 | -44.65 | -13 | -31.65 | -67.44 | -55.70 | 7.59 | 11.78 | V | Pass |

**Note:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.