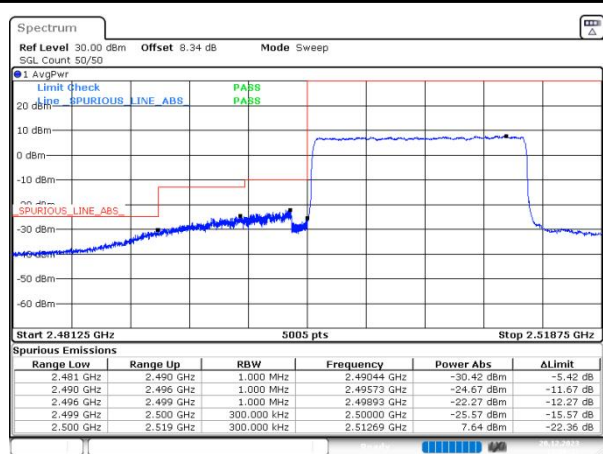


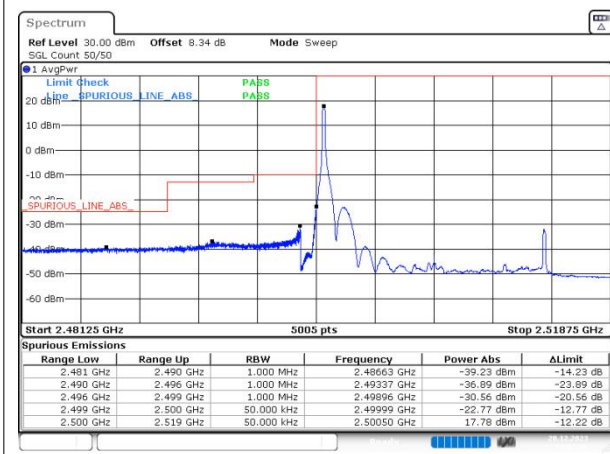
Date: 20.DEC.2023 16:06:27

n7 SCS=15kHz DFT\_16QAM BW=15MHz LowChannel=501500  
RB=1@0



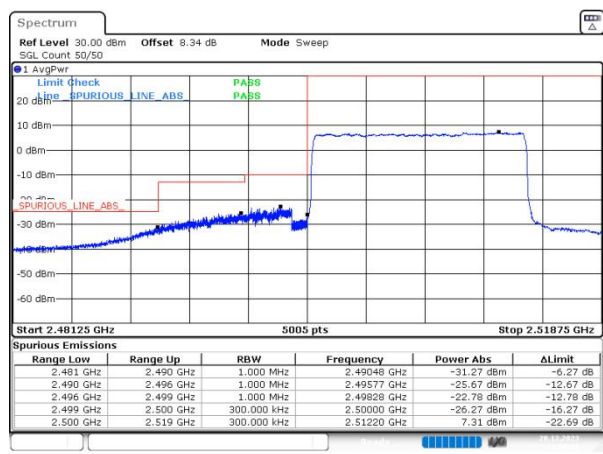
Date: 20.DEC.2023 16:06:31

n7 SCS=15kHz DFT\_16QAM BW=15MHz LowChannel=501500  
RB=75@0



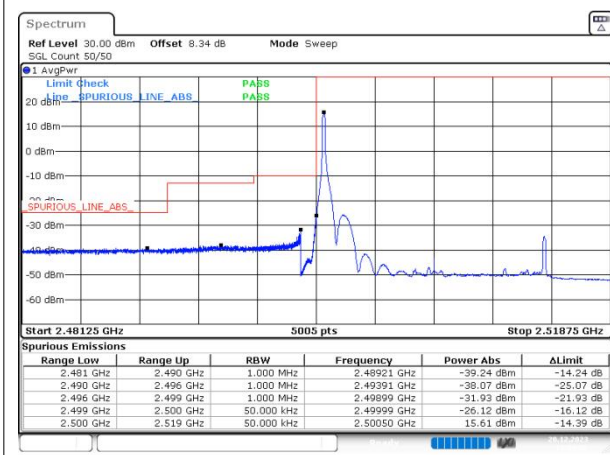
Date: 20.DEC.2023 16:07:56

n7 SCS=15kHz DFT\_64QAM BW=15MHz LowChannel=501500  
RB=1@0



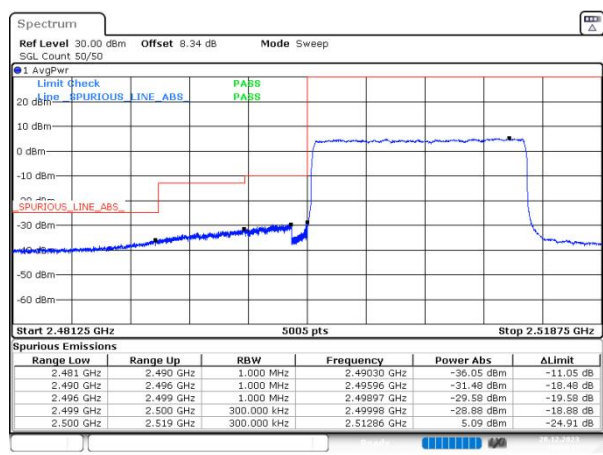
Date: 20.DEC.2023 16:08:00

n7 SCS=15kHz DFT\_64QAM BW=15MHz LowChannel=501500  
RB=75@0



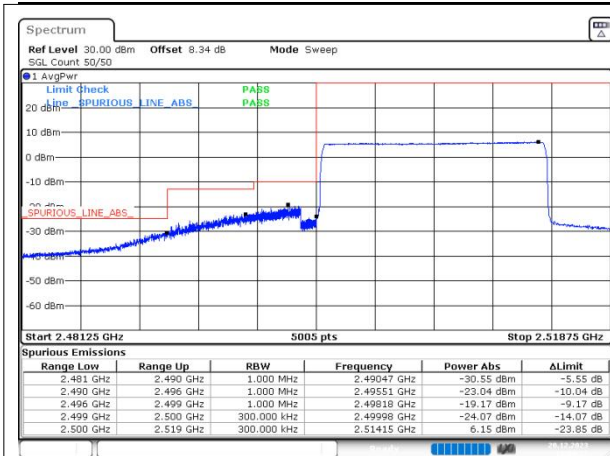
Date: 20.DEC.2023 16:09:26

n7 SCS=15kHz DFT\_256QAM BW=15MHz  
LowChannel=501500 RB=1@0

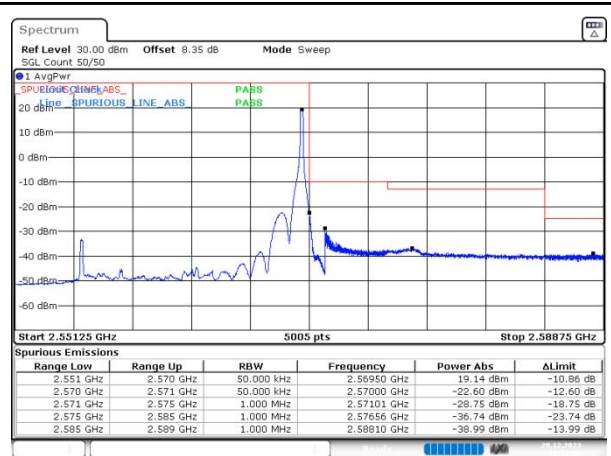


Date: 20.DEC.2023 16:09:31

n7 SCS=15kHz DFT\_256QAM BW=15MHz  
LowChannel=501500 RB=75@0



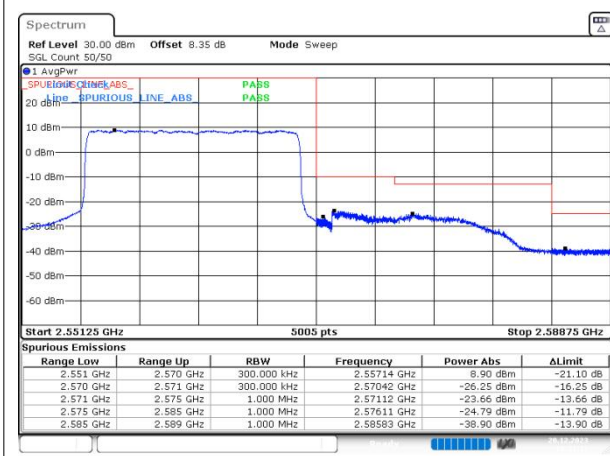
Date: 20.DEC.2023 16:09:36



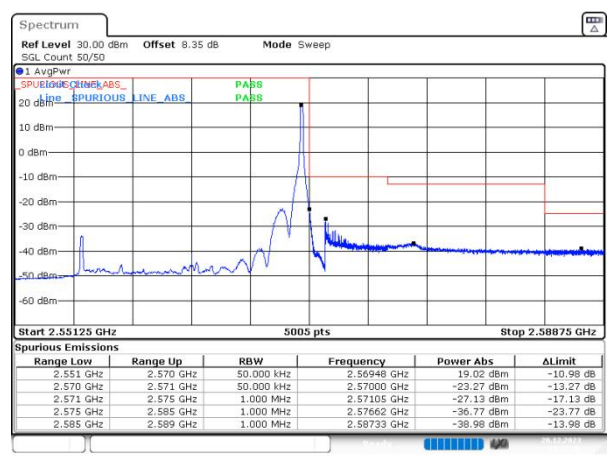
Date: 20.DEC.2023 16:11:06

n7 SCS=15kHz CP\_QPSK BW=15MHz LowChannel=501500  
RB=79@0

n7 SCS=15kHz DFT\_BPSK BW=15MHz HighChannel=512500  
RB=1@78



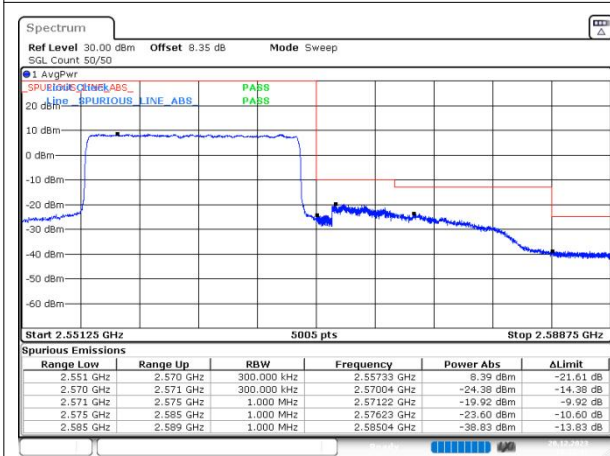
Date: 20.DEC.2023 16:11:11



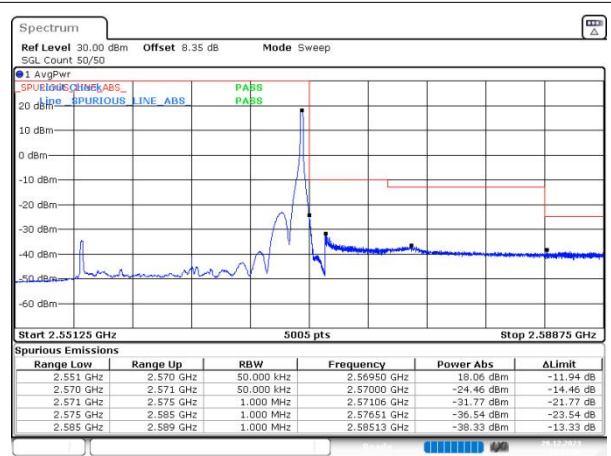
Date: 20.DEC.2023 16:12:36

n7 SCS=15kHz DFT\_BPSK BW=15MHz HighChannel=512500  
RB=75@0

n7 SCS=15kHz DFT\_QPSK BW=15MHz HighChannel=512500  
RB=1@78



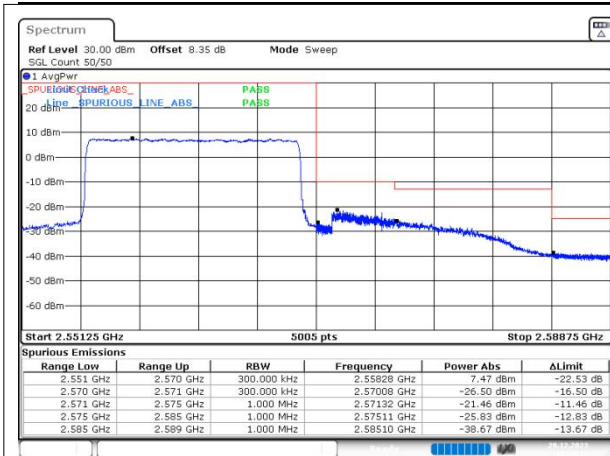
Date: 20.DEC.2023 16:12:41



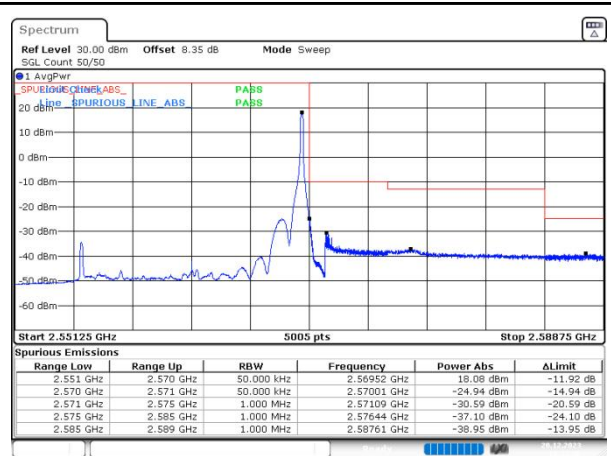
Date: 20.DEC.2023 16:14:06

n7 SCS=15kHz DFT\_QPSK BW=15MHz HighChannel=512500  
RB=75@0

n7 SCS=15kHz DFT\_16QAM BW=15MHz HighChannel=512500  
RB=1@78



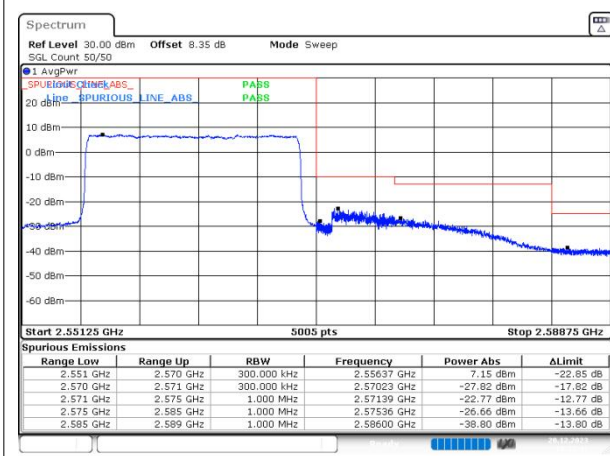
Date: 20.DEC.2023 16:14:11



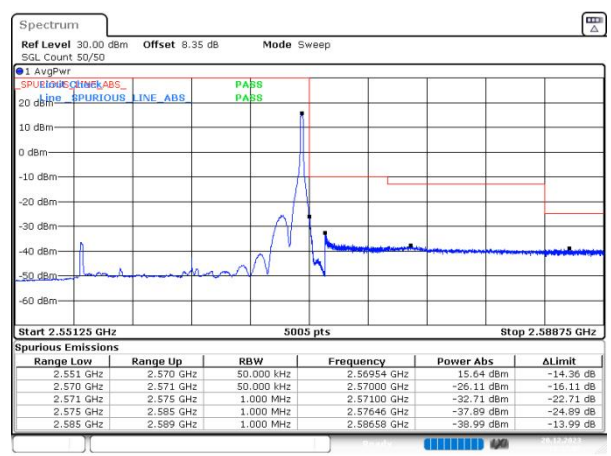
Date: 20.DEC.2023 16:15:36

n7 SCS=15kHz DFT\_16QAM BW=15MHz HighChannel=512500  
RB=75@0

n7 SCS=15kHz DFT\_64QAM BW=15MHz HighChannel=512500  
RB=1@78



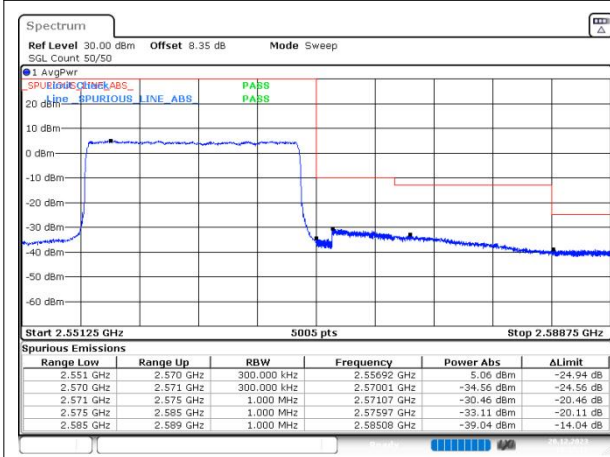
Date: 20.DEC.2023 16:15:41



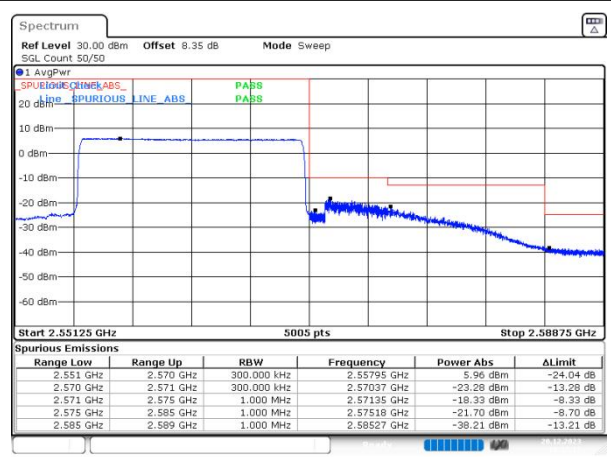
Date: 20.DEC.2023 16:17:07

n7 SCS=15kHz DFT\_64QAM BW=15MHz HighChannel=512500  
RB=75@0

n7 SCS=15kHz DFT\_256QAM BW=15MHz  
HighChannel=512500 RB=1@78



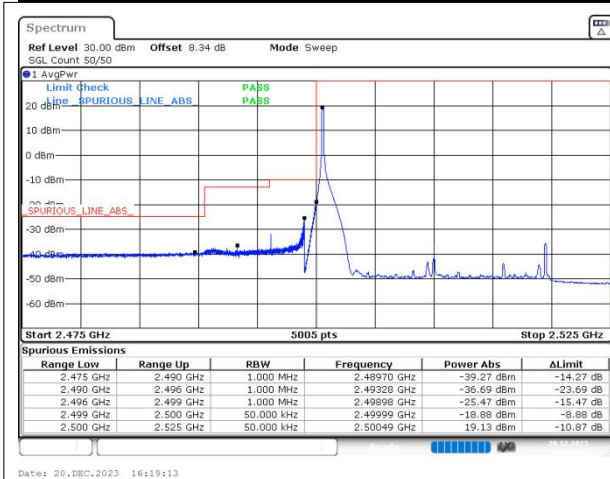
Date: 20.DEC.2023 16:17:12



Date: 20.DEC.2023 16:17:17

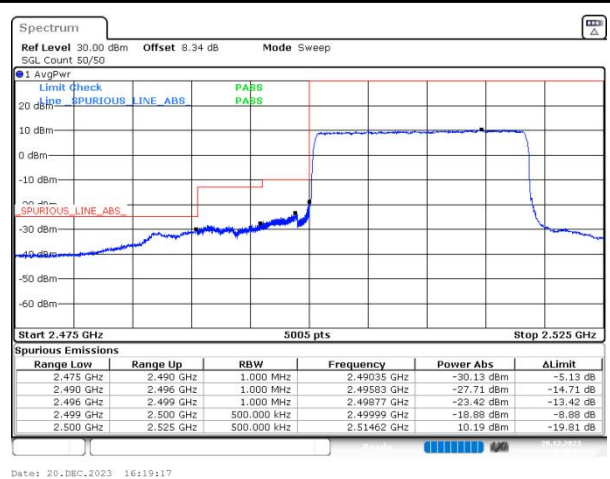
n7 SCS=15kHz DFT\_256QAM BW=15MHz  
HighChannel=512500 RB=75@0

n7 SCS=15kHz CP\_QPSK BW=15MHz HighChannel=512500  
RB=79@0



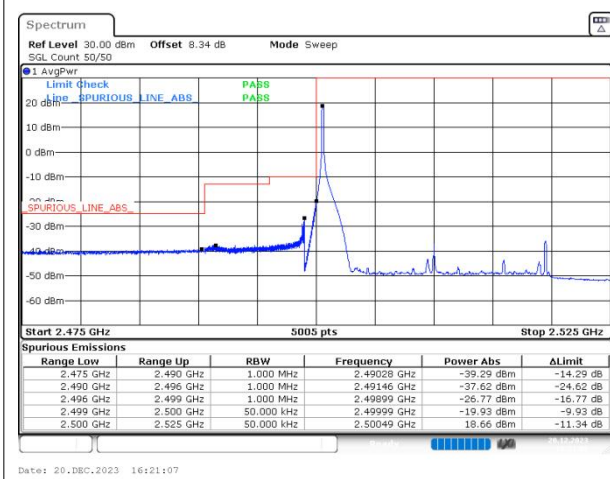
Date: 20.DEC.2023 16:19:13

n7 SCS=15kHz DFT\_BPSK BW=20MHz LowChannel=502000  
RB=1@0



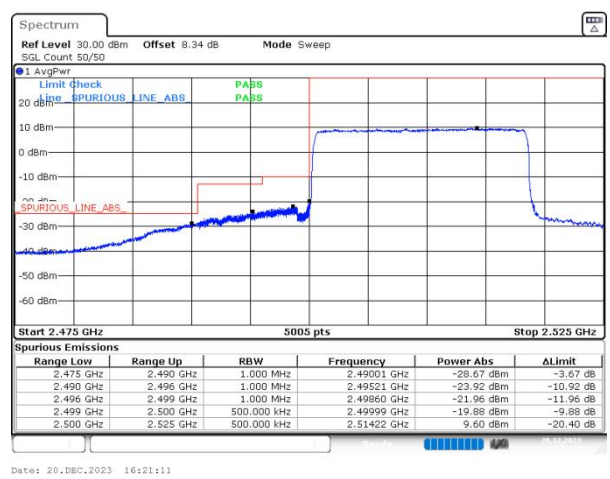
Date: 20.DEC.2023 16:19:17

n7 SCS=15kHz DFT\_BPSK BW=20MHz LowChannel=502000  
RB=100@0



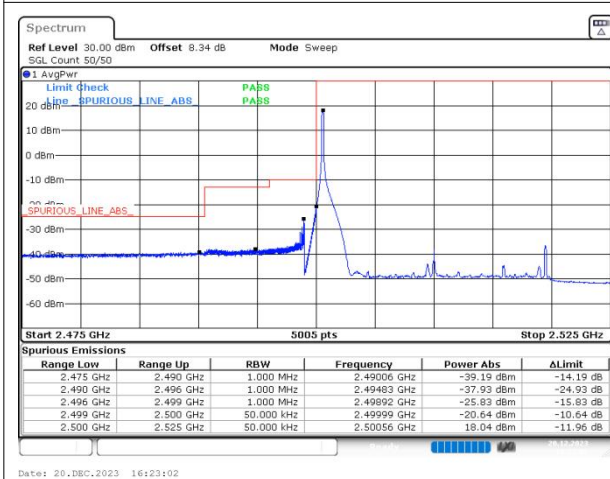
Date: 20.DEC.2023 16:21:07

n7 SCS=15kHz DFT\_QPSK BW=20MHz LowChannel=502000  
RB=1@0



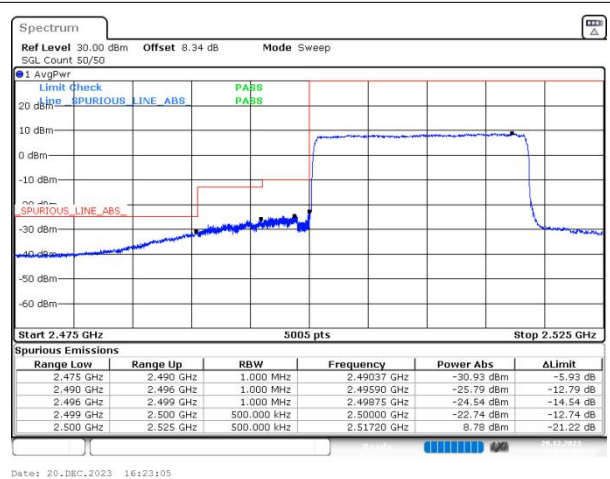
Date: 20.DEC.2023 16:21:11

n7 SCS=15kHz DFT\_QPSK BW=20MHz LowChannel=502000  
RB=100@0



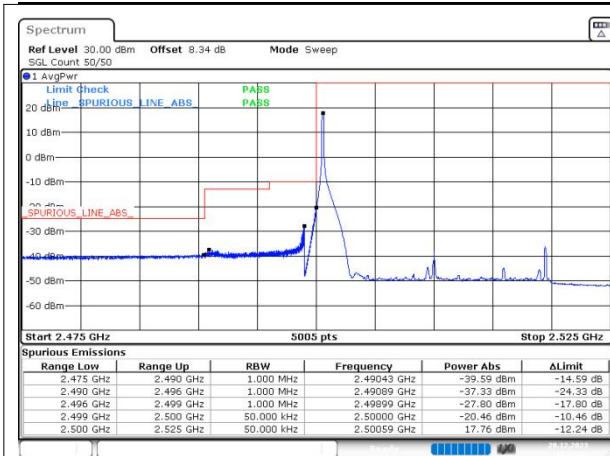
Date: 20.DEC.2023 16:23:02

n7 SCS=15kHz DFT\_16QAM BW=20MHz LowChannel=502000  
RB=1@0

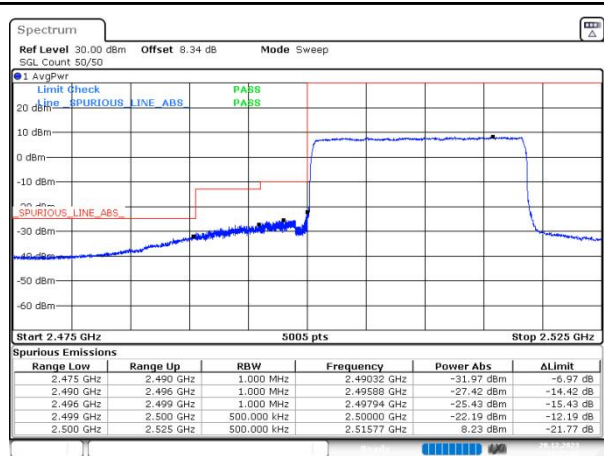


Date: 20.DEC.2023 16:23:05

n7 SCS=15kHz DFT\_16QAM BW=20MHz LowChannel=502000  
RB=100@0



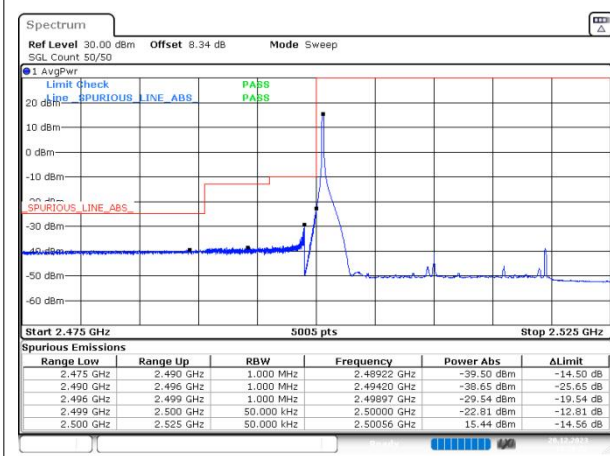
Date: 20.DEC.2023 16:24:56



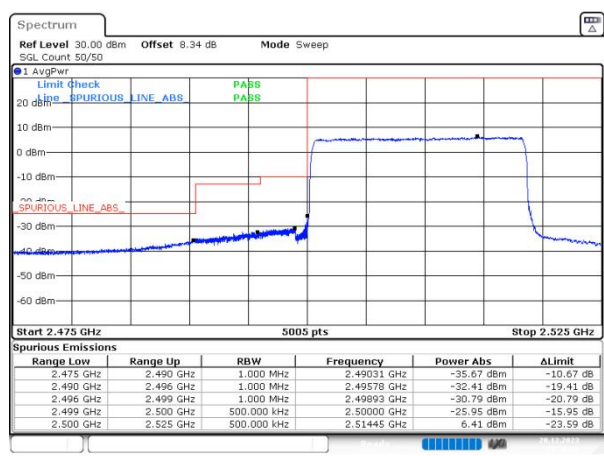
Date: 20.DEC.2023 16:25:00

n7 SCS=15kHz DFT\_64QAM BW=20MHz LowChannel=502000  
RB=1@0

n7 SCS=15kHz DFT\_64QAM BW=20MHz LowChannel=502000  
RB=100@0



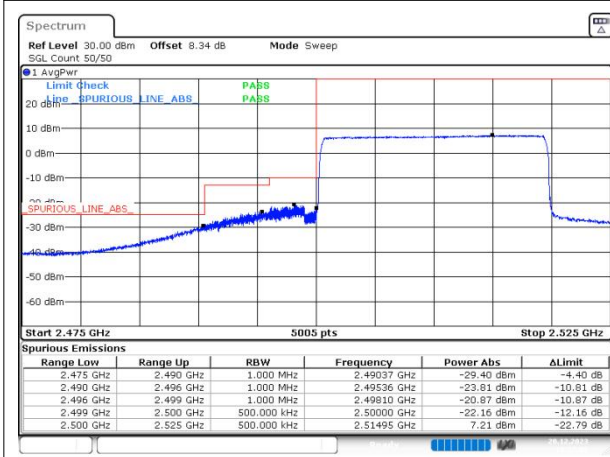
Date: 20.DEC.2023 16:26:52



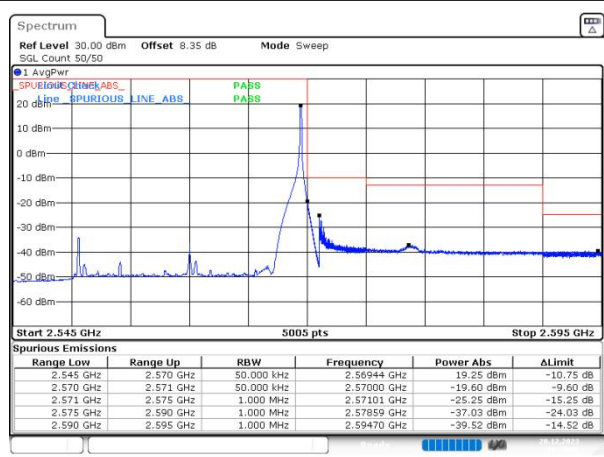
Date: 20.DEC.2023 16:26:55

n7 SCS=15kHz DFT\_256QAM BW=20MHz  
LowChannel=502000 RB=1@0

n7 SCS=15kHz DFT\_256QAM BW=20MHz  
LowChannel=502000 RB=100@0



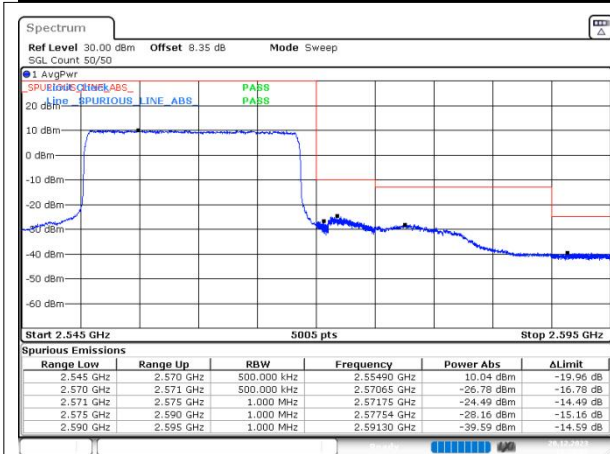
Date: 20.DEC.2023 16:27:00



Date: 20.DEC.2023 16:28:56

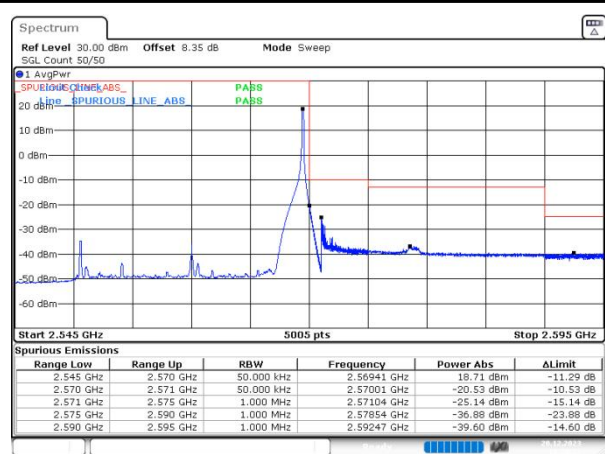
n7 SCS=15kHz CP\_QPSK BW=20MHz LowChannel=502000  
RB=106@0

n7 SCS=15kHz DFT\_BPSK BW=20MHz HighChannel=512000  
RB=1@105



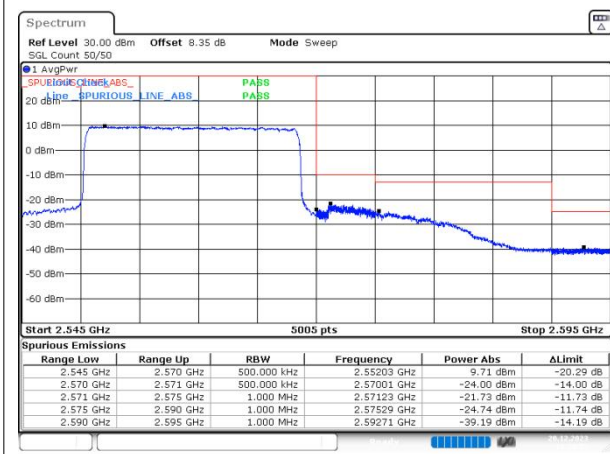
Date: 20.DEC.2023 16:29:00

n7 SCS=15kHz DFT\_BPSK BW=20MHz HighChannel=512000  
RB=100@0



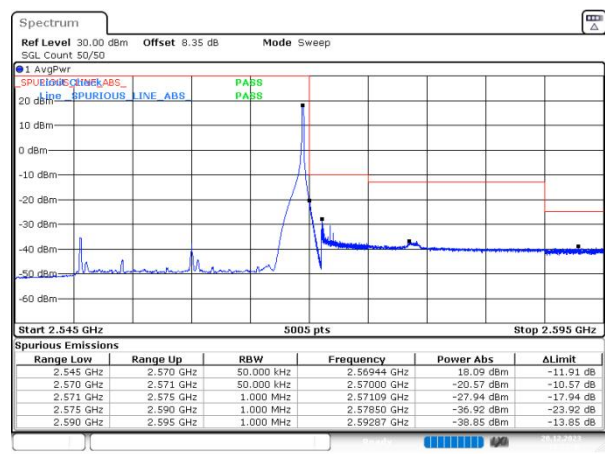
Date: 20.DEC.2023 16:30:51

n7 SCS=15kHz DFT\_QPSK BW=20MHz HighChannel=512000  
RB=1@105



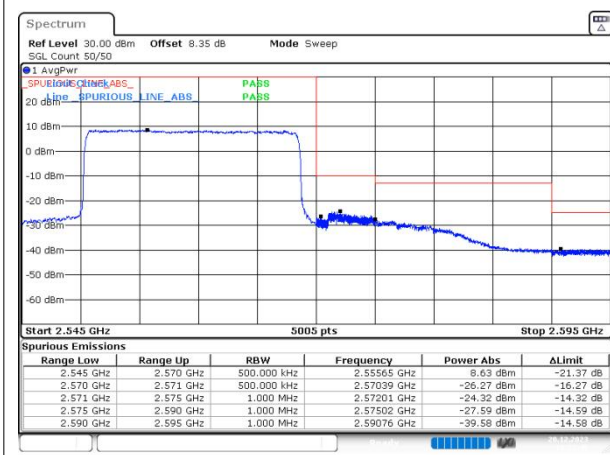
Date: 20.DEC.2023 16:30:55

n7 SCS=15kHz DFT\_QPSK BW=20MHz HighChannel=512000  
RB=100@0



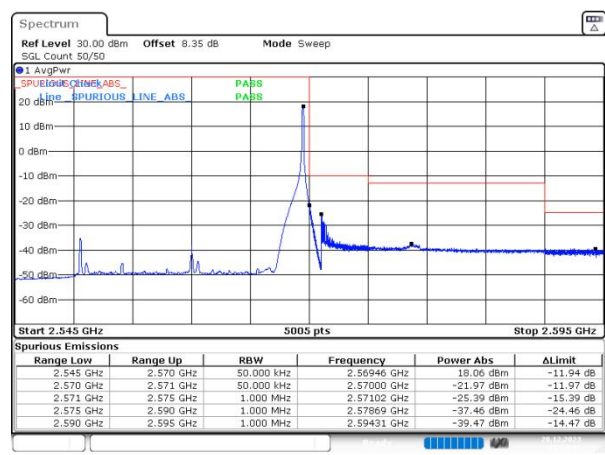
Date: 20.DEC.2023 16:32:46

n7 SCS=15kHz DFT\_16QAM BW=20MHz HighChannel=512000  
RB=1@105



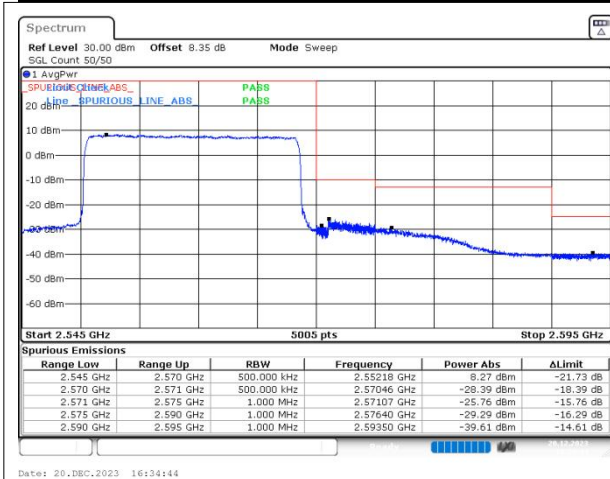
Date: 20.DEC.2023 16:32:49

n7 SCS=15kHz DFT\_16QAM BW=20MHz HighChannel=512000  
RB=100@0

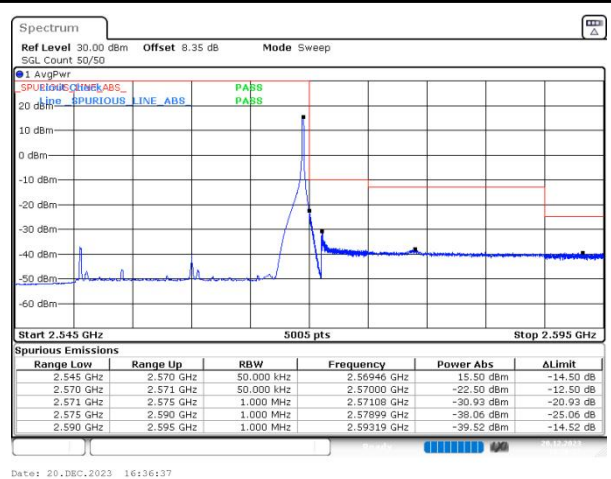


Date: 20.DEC.2023 16:34:41

n7 SCS=15kHz DFT\_64QAM BW=20MHz HighChannel=512000  
RB=1@105



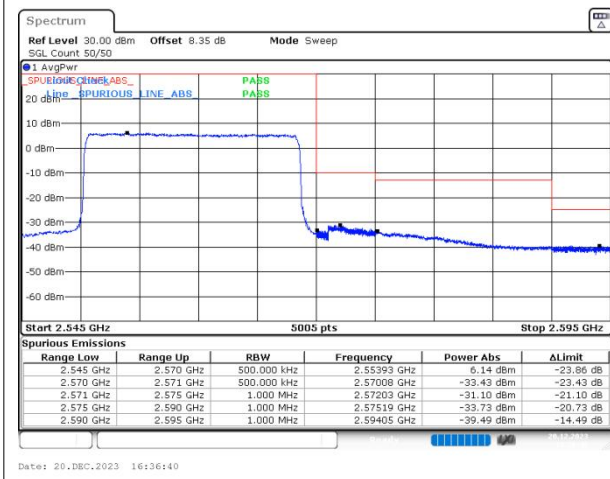
Date: 20.DEC.2023 16:34:44



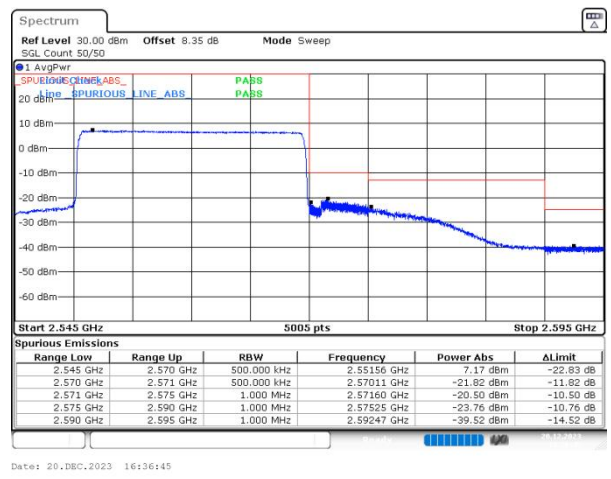
Date: 20.DEC.2023 16:36:37

n7 SCS=15kHz DFT\_64QAM BW=20MHz HighChannel=512000  
RB=100@0

n7 SCS=15kHz DFT\_256QAM BW=20MHz  
HighChannel=512000 RB=1@105



Date: 20.DEC.2023 16:36:40

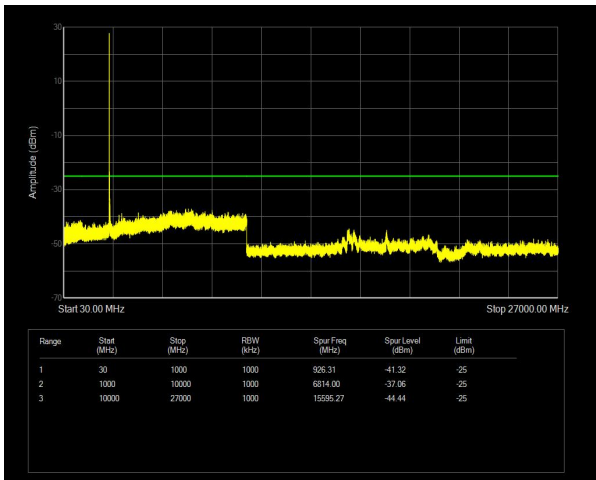


Date: 20.DEC.2023 16:36:45

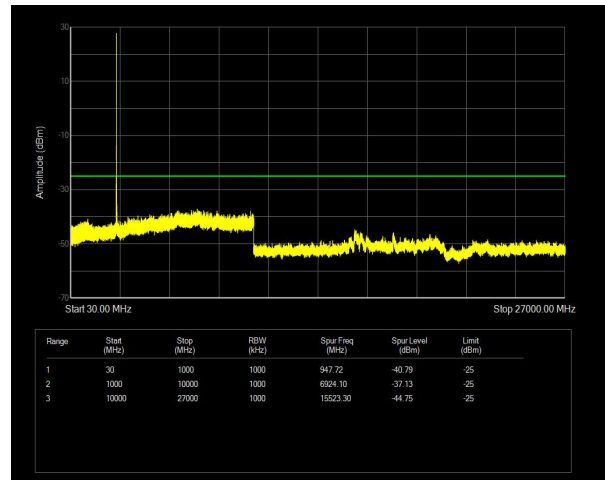
n7 SCS=15kHz DFT\_256QAM BW=20MHz  
HighChannel=512000 RB=100@0

n7 SCS=15kHz CP\_QPSK BW=20MHz HighChannel=512000  
RB=106@0

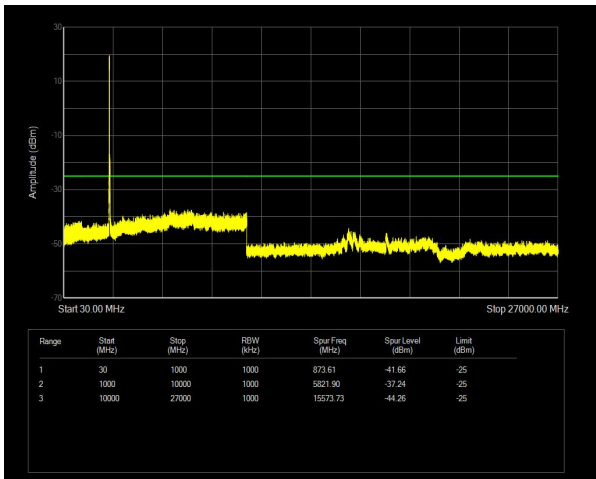
## 6. Conducted Spurious Emissions



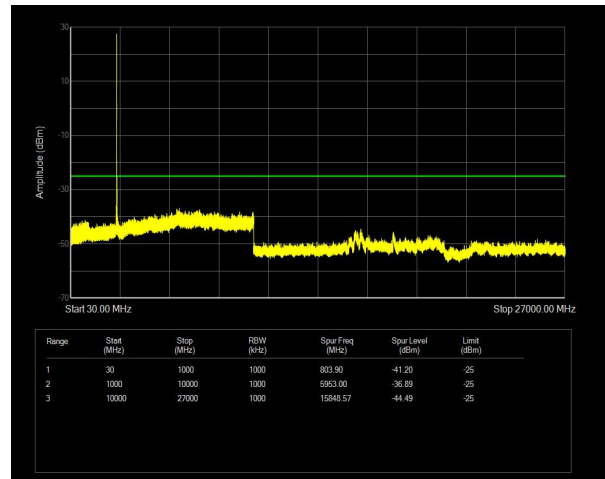
n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=502000  
RB=1@0



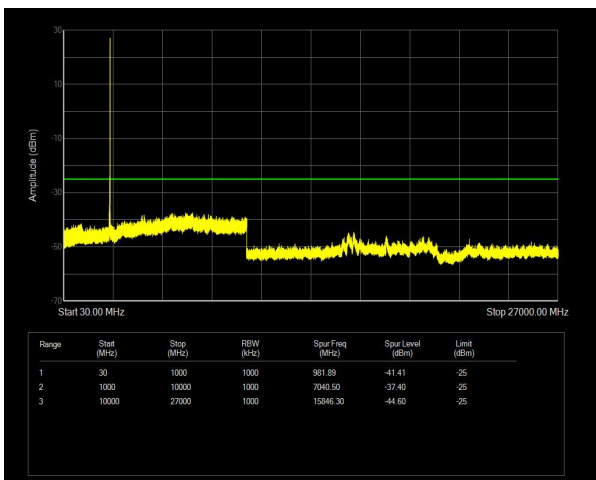
n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=502000  
RB=1@105



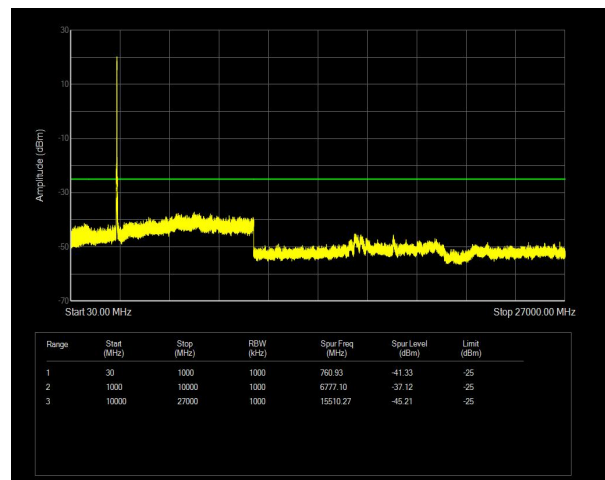
n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=502000  
RB=100@0



n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=507000  
RB=1@0

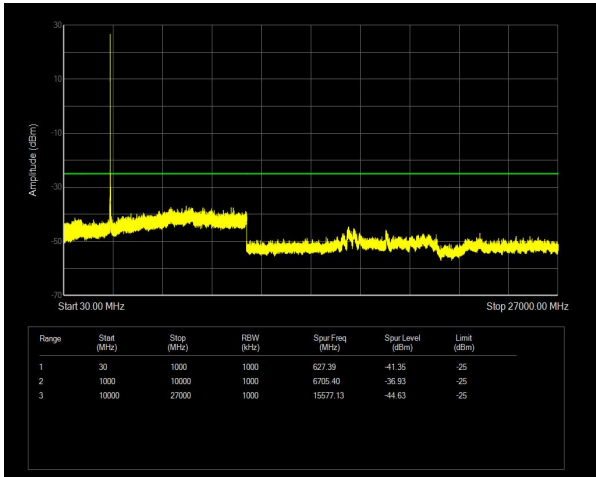


n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=507000  
RB=1@105

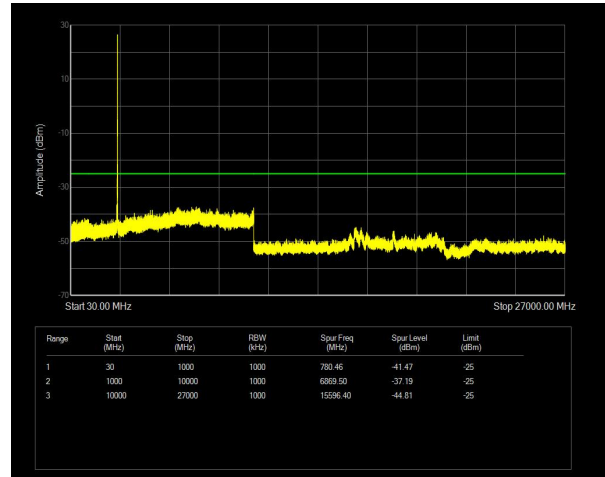


n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=507000  
RB=100@0

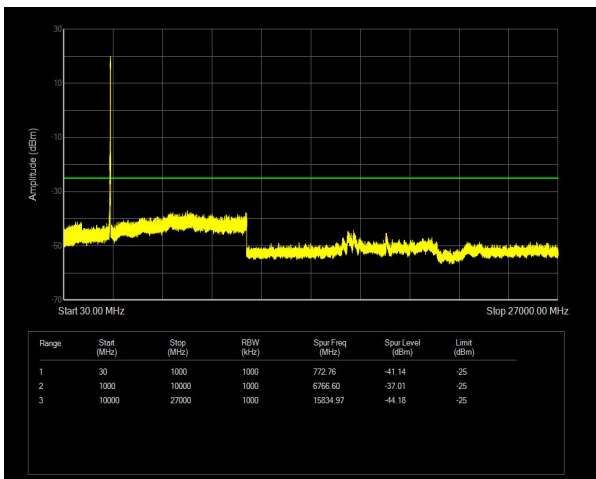




n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=512000  
RB=1@0



n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=512000  
RB=1@105



n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=512000  
RB=100@0

## 7. Radiated Spurious Emissions

| n7 - 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 |
| 5775   | -44.21     | -25         | -19.21      | -57.43             | -51.85           | 5.64            | 13.28              | H                  | Pass   |
| 13485  | -36.74     | -25         | -11.74      | -67.55             | -40.93           | 9.05            | 13.24              | H                  | Pass   |
| 15150  | -34.69     | -25         | -9.69       | -66.50             | -38.07           | 10.29           | 13.67              | H                  | Pass   |
| 5775   | -44.25     | -25         | -19.25      | -57.19             | -51.89           | 5.64            | 13.28              | V                  | Pass   |
| 10770  | -39.57     | -25         | -14.57      | -67.32             | -43.01           | 7.69            | 11.13              | V                  | Pass   |
| 15045  | -35.39     | -25         | -10.39      | -67.72             | -38.87           | 10.17           | 13.65              | V                  | Pass   |

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