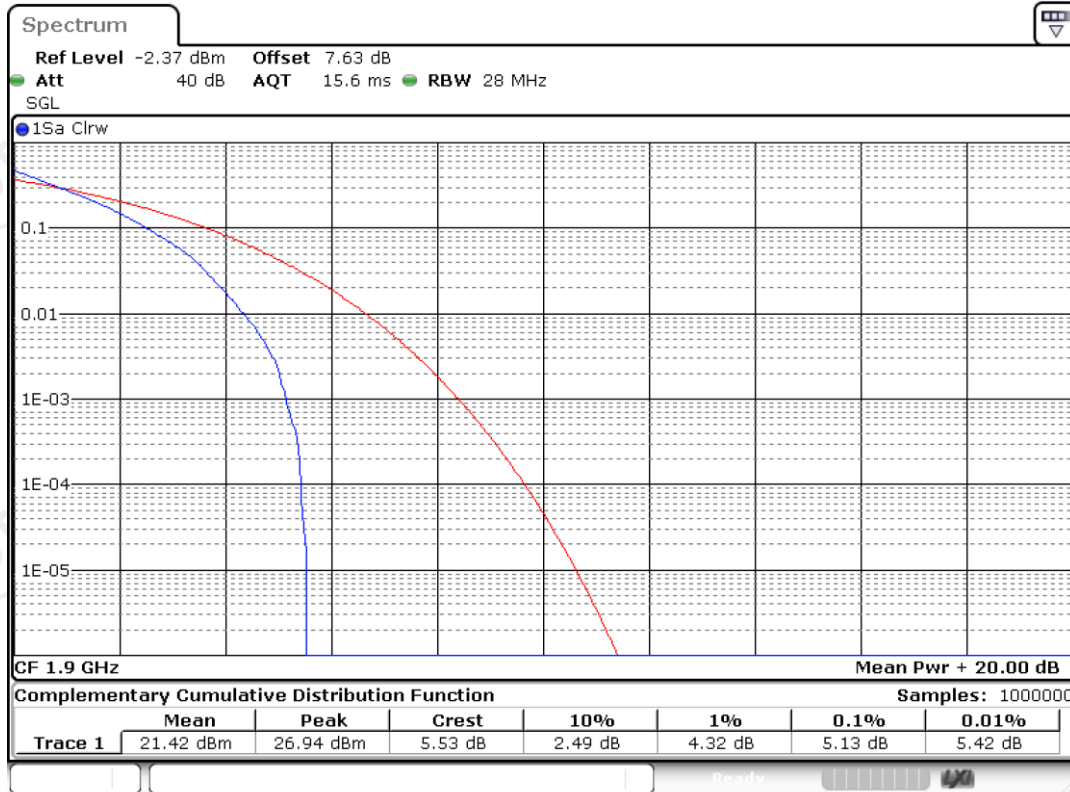
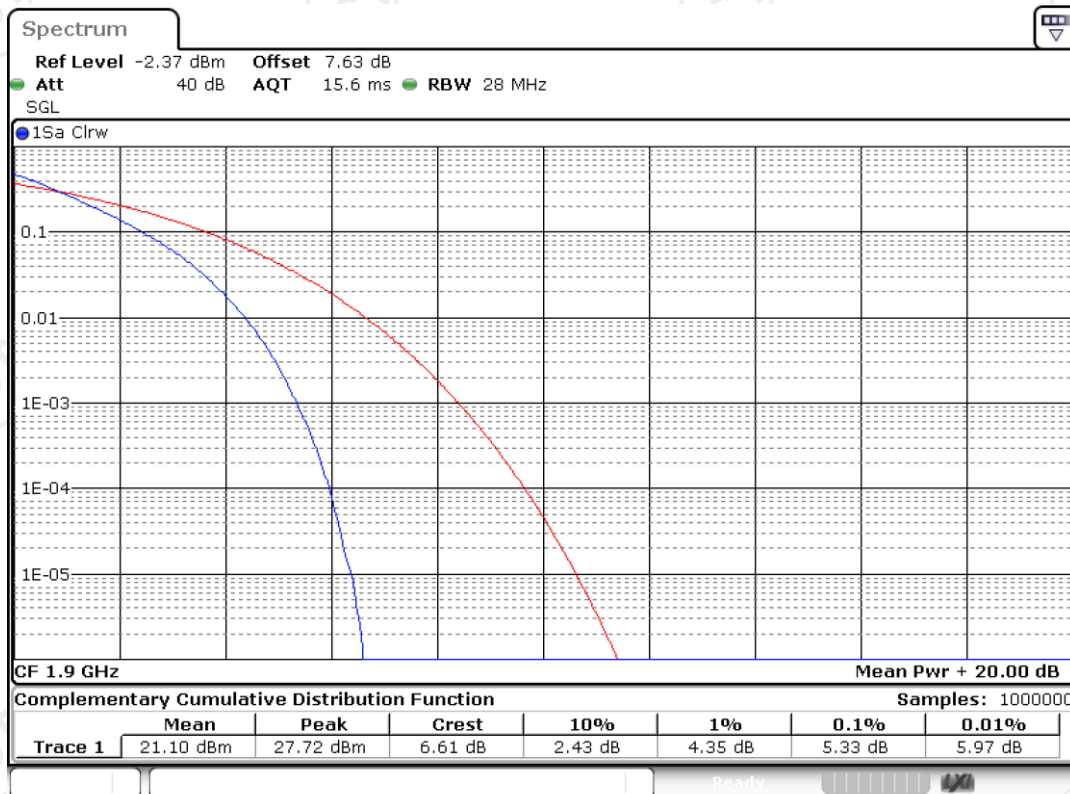




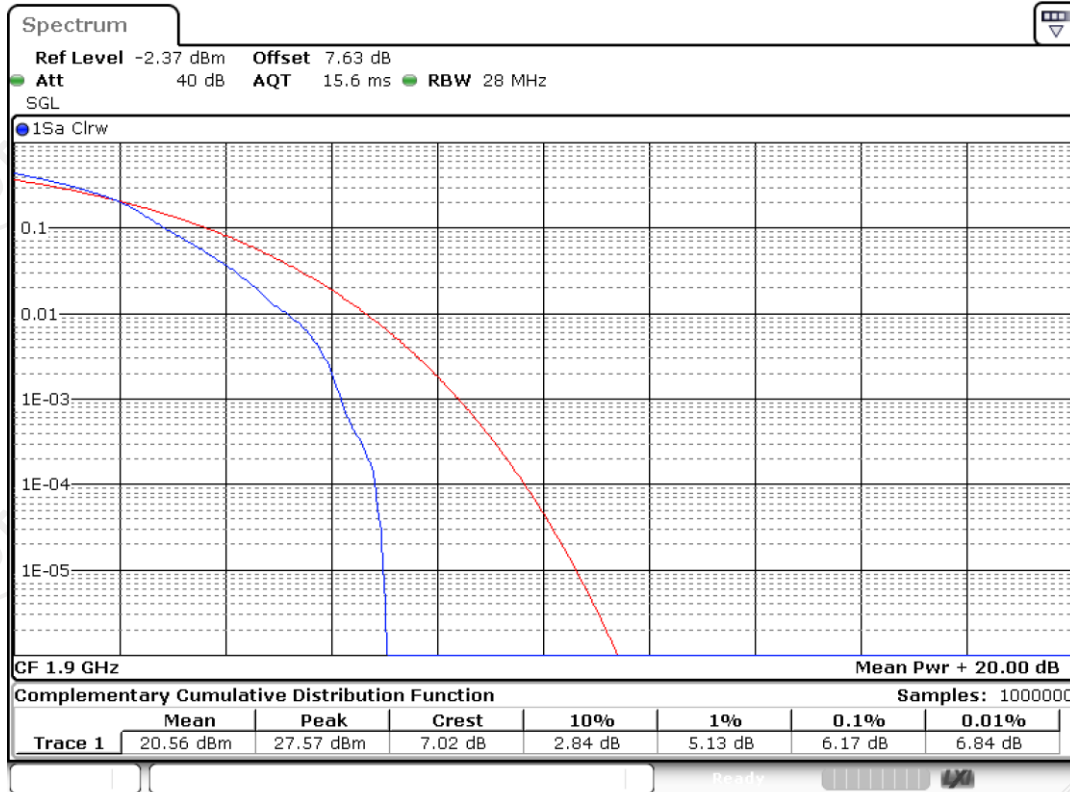
Date: 27.APR.2023 12:36:32

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



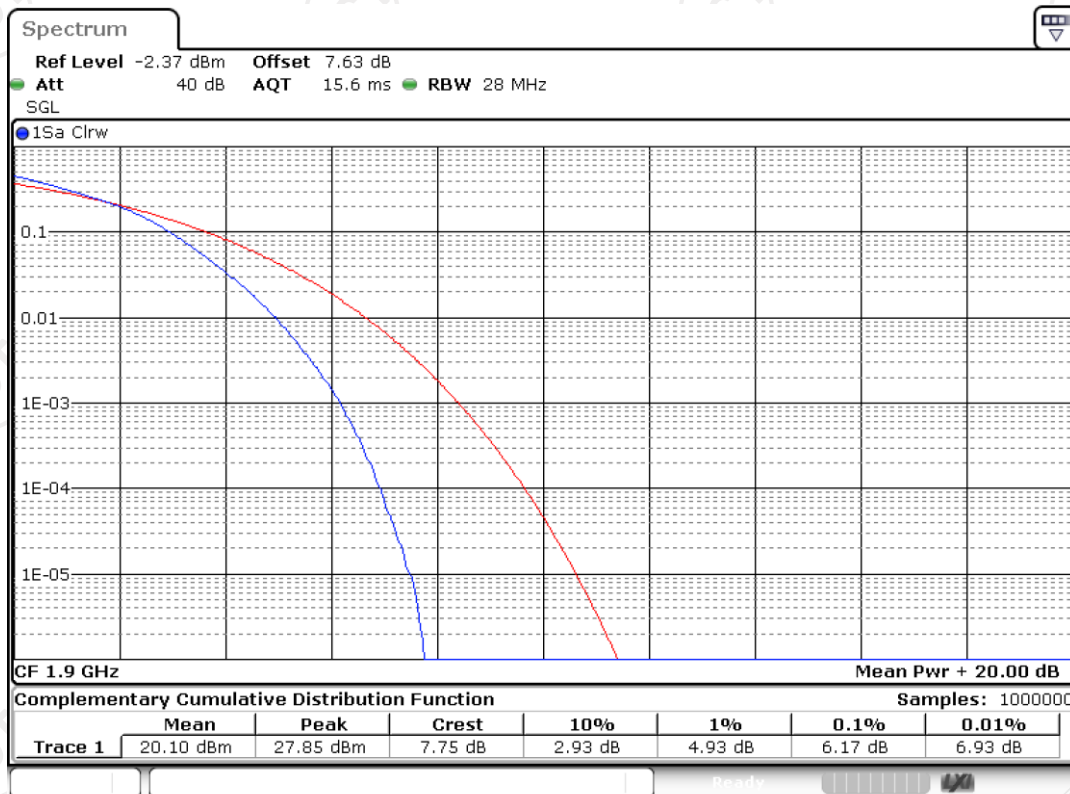
Date: 27.APR.2023 12:36:37

Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



Date: 27.APR.2023 12:36:41

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

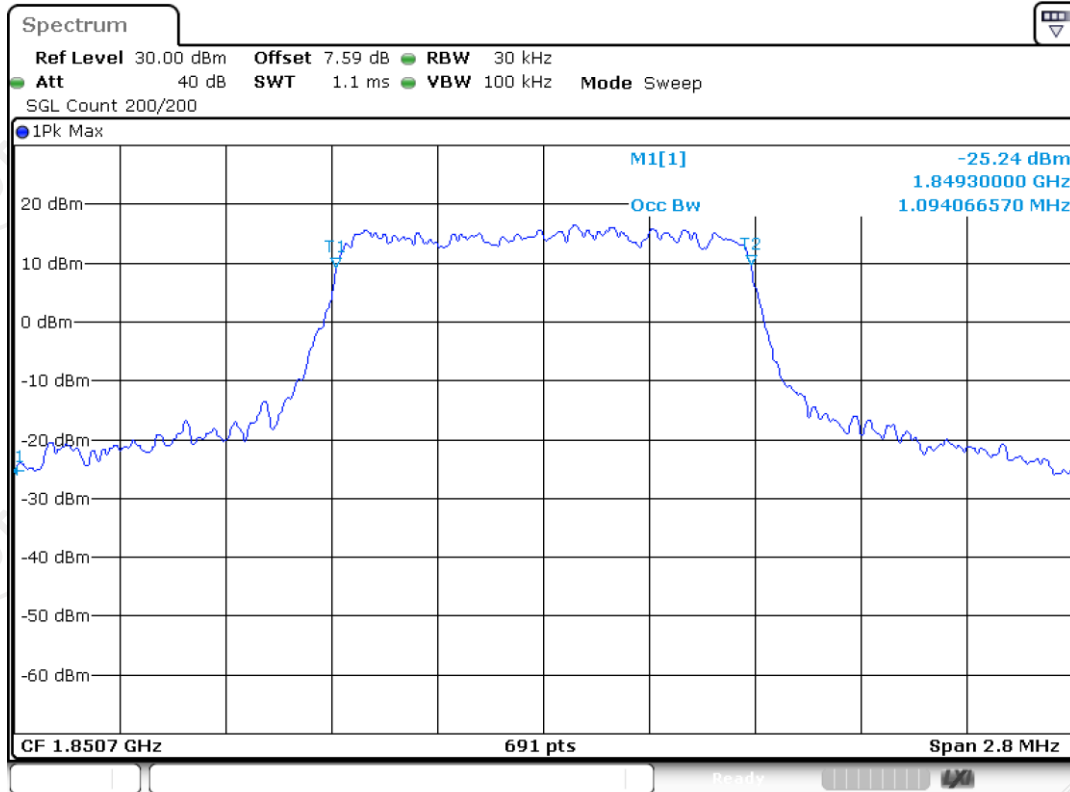


Date: 27.APR.2023 12:36:46

## 4 Occupied bandwidth

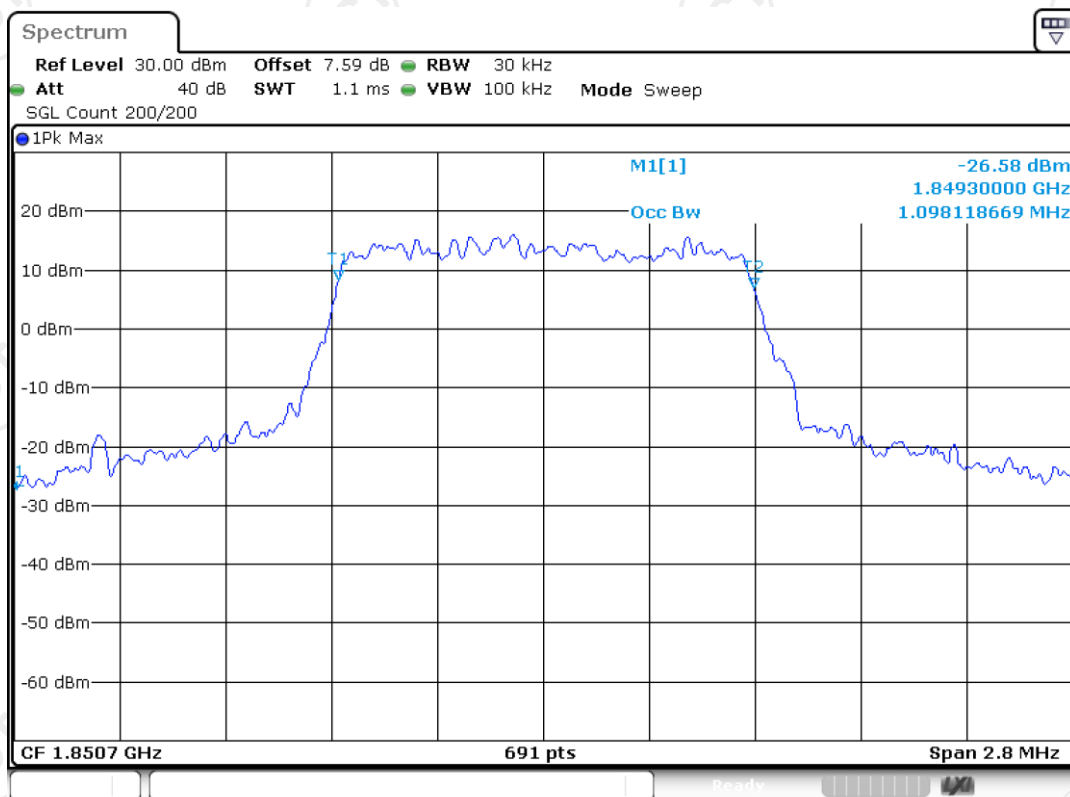
| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | 1.094         | 1.262           | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | 1.098         | 1.294           | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | 1.098         | 1.290           | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | 1.098         | 1.294           | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | 1.094         | 1.282           | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | 16QAM      | 1.090         | 1.307           | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | QPSK       | 2.718         | 2.965           | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | 16QAM      | 2.718         | 2.983           | PASS    |
| Band2 | 3               | 18900      | 15      | #0          | QPSK       | 2.718         | 2.965           | PASS    |
| Band2 | 3               | 18900      | 15      | #0          | 16QAM      | 2.718         | 2.974           | PASS    |
| Band2 | 3               | 19185      | 15      | #0          | QPSK       | 2.709         | 3.078           | PASS    |
| Band2 | 3               | 19185      | 15      | #0          | 16QAM      | 2.718         | 3.000           | PASS    |
| Band2 | 5               | 18625      | 25      | #0          | QPSK       | 4.486         | 4.870           | PASS    |
| Band2 | 5               | 18625      | 25      | #0          | 16QAM      | 4.486         | 4.870           | PASS    |
| Band2 | 5               | 18900      | 25      | #0          | QPSK       | 4.501         | 4.913           | PASS    |
| Band2 | 5               | 18900      | 25      | #0          | 16QAM      | 4.501         | 4.899           | PASS    |
| Band2 | 5               | 19175      | 25      | #0          | QPSK       | 4.486         | 5.000           | PASS    |
| Band2 | 5               | 19175      | 25      | #0          | 16QAM      | 4.486         | 4.942           | PASS    |
| Band2 | 10              | 18650      | 50      | #0          | QPSK       | 9.001         | 9.768           | PASS    |
| Band2 | 10              | 18650      | 50      | #0          | 16QAM      | 8.973         | 9.710           | PASS    |
| Band2 | 10              | 18900      | 50      | #0          | QPSK       | 8.973         | 9.710           | PASS    |
| Band2 | 10              | 18900      | 50      | #0          | 16QAM      | 8.973         | 9.652           | PASS    |
| Band2 | 10              | 19150      | 50      | #0          | QPSK       | 9.001         | 10.203          | PASS    |
| Band2 | 10              | 19150      | 50      | #0          | 16QAM      | 8.944         | 9.652           | PASS    |
| Band2 | 15              | 18675      | 75      | #0          | QPSK       | 13.415        | 14.391          | PASS    |
| Band2 | 15              | 18675      | 75      | #0          | 16QAM      | 13.415        | 14.348          | PASS    |
| Band2 | 15              | 18900      | 75      | #0          | QPSK       | 13.459        | 14.391          | PASS    |
| Band2 | 15              | 18900      | 75      | #0          | 16QAM      | 13.459        | 14.565          | PASS    |
| Band2 | 15              | 19125      | 75      | #0          | QPSK       | 13.415        | 14.435          | PASS    |
| Band2 | 15              | 19125      | 75      | #0          | 16QAM      | 13.459        | 14.391          | PASS    |
| Band2 | 20              | 18700      | 100     | #0          | QPSK       | 18.003        | 19.246          | PASS    |
| Band2 | 20              | 18700      | 100     | #0          | 16QAM      | 18.003        | 19.420          | PASS    |
| Band2 | 20              | 18900      | 100     | #0          | QPSK       | 18.003        | 19.478          | PASS    |
| Band2 | 20              | 18900      | 100     | #0          | 16QAM      | 18.003        | 19.246          | PASS    |
| Band2 | 20              | 19100      | 100     | #0          | QPSK       | 18.003        | 19.362          | PASS    |
| Band2 | 20              | 19100      | 100     | #0          | 16QAM      | 18.003        | 19.420          | PASS    |

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



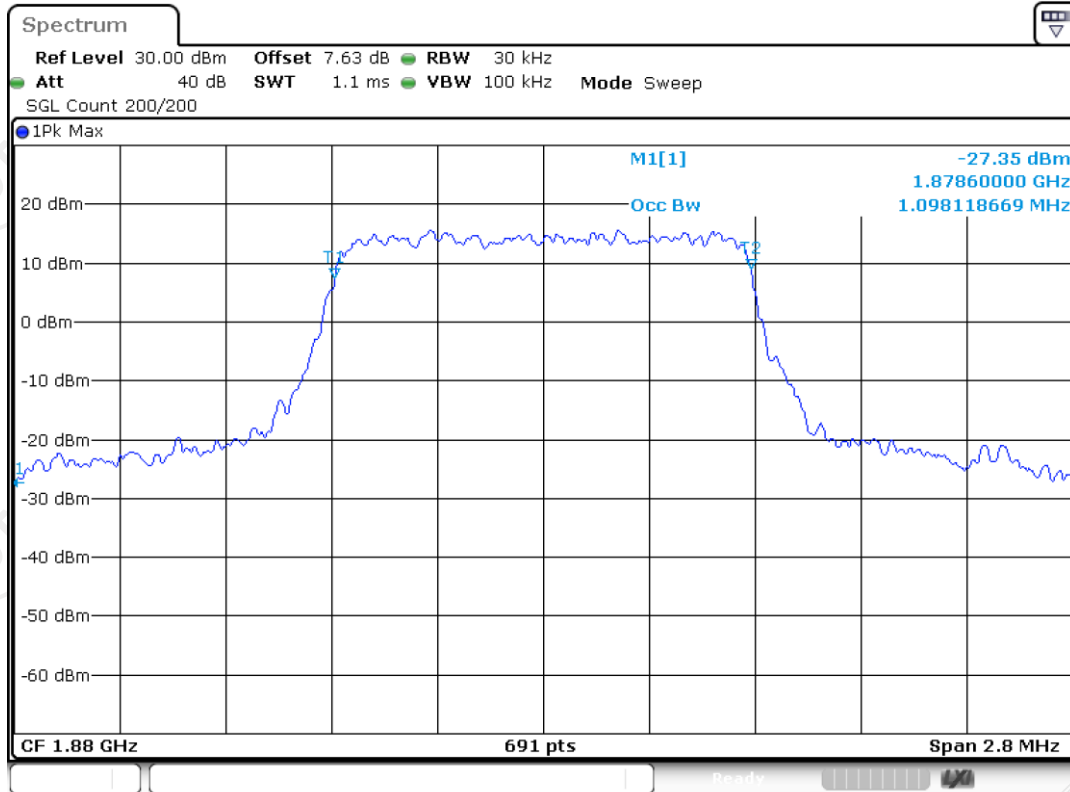
Date: 27.APR.2023 12:37:02

Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



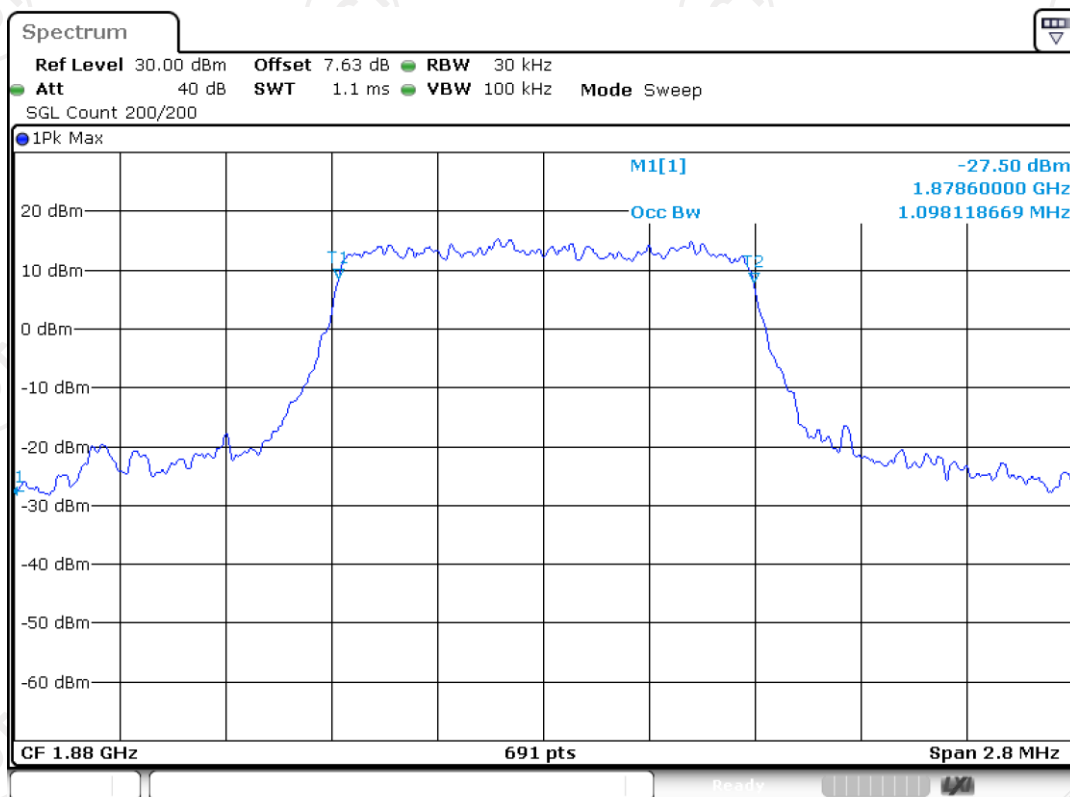
Date: 27.APR.2023 12:37:06

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



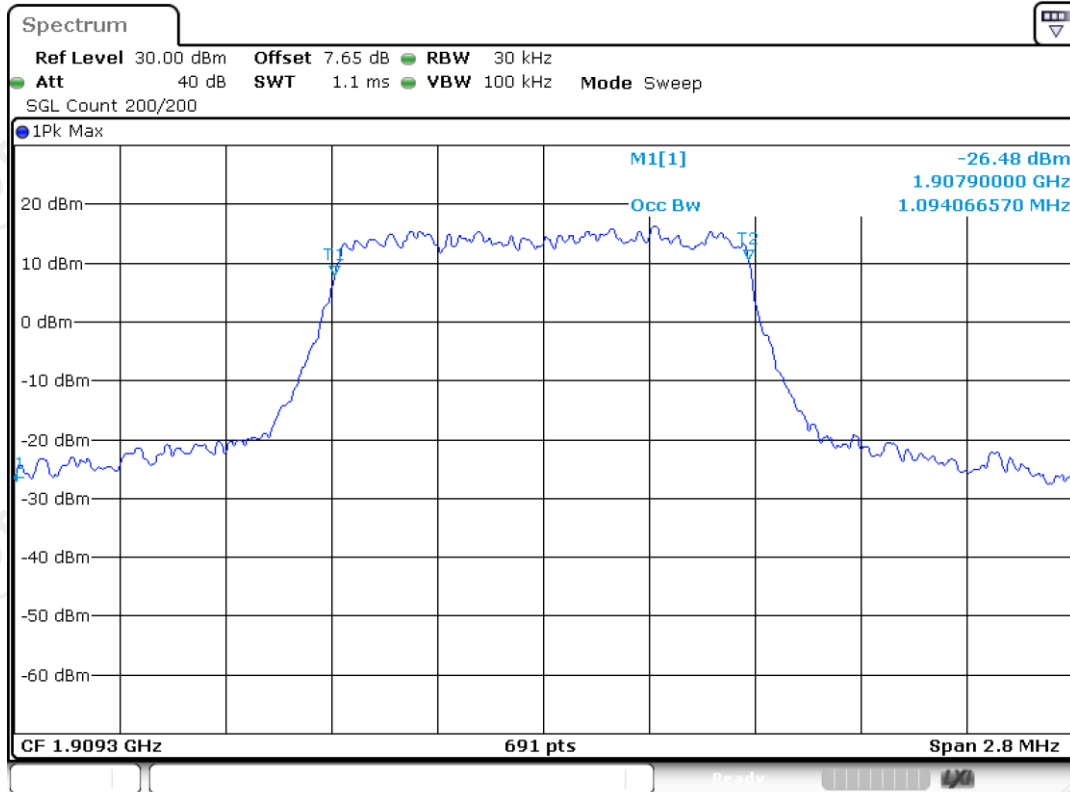
Date: 27.APR.2023 12:37:11

Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



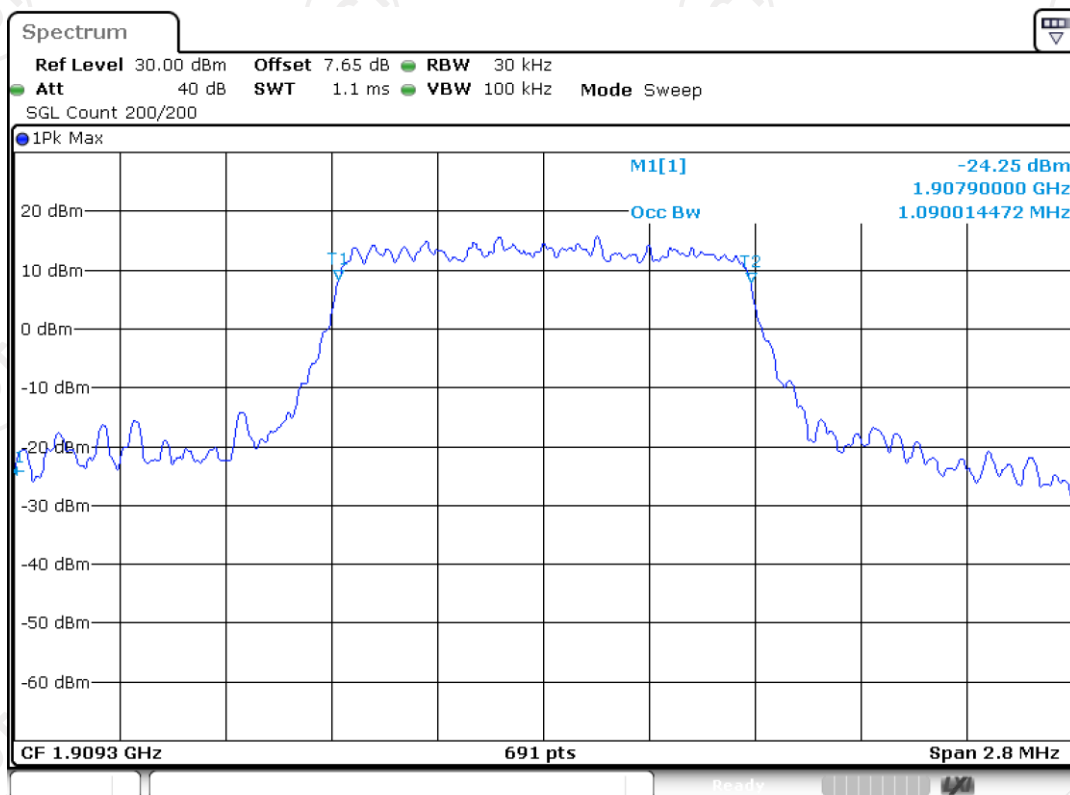
Date: 27.APR.2023 12:37:16

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



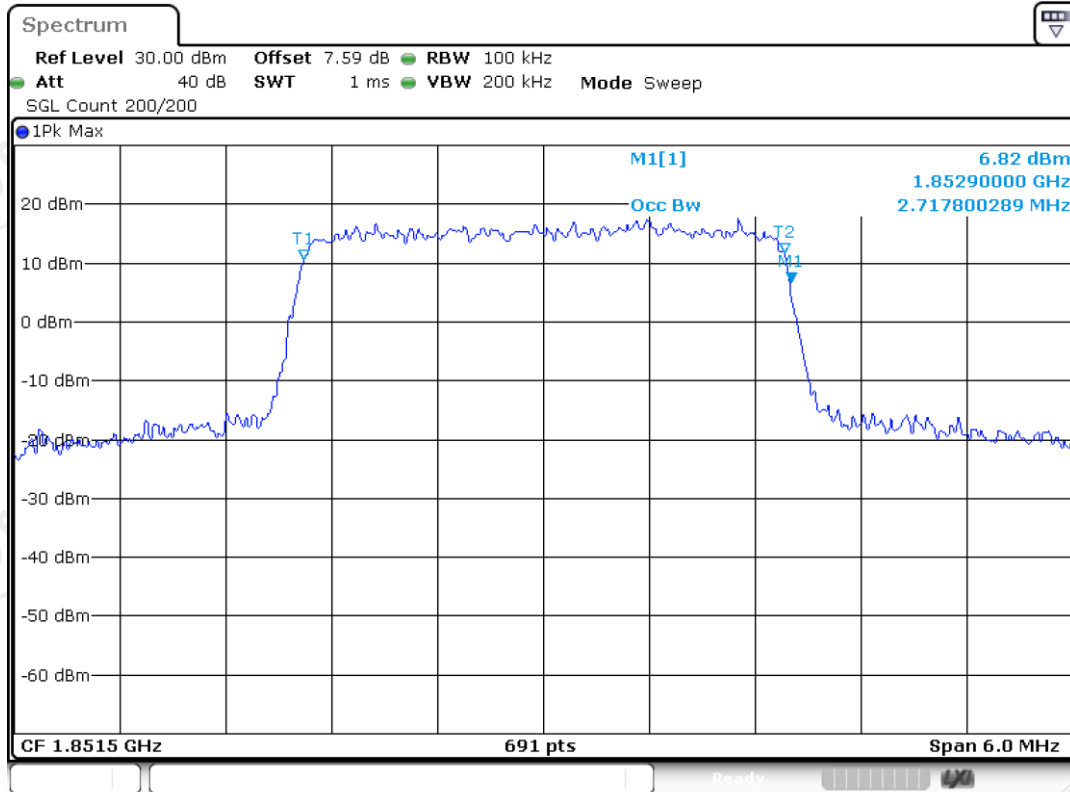
Date: 27.APR.2023 12:37:20

Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



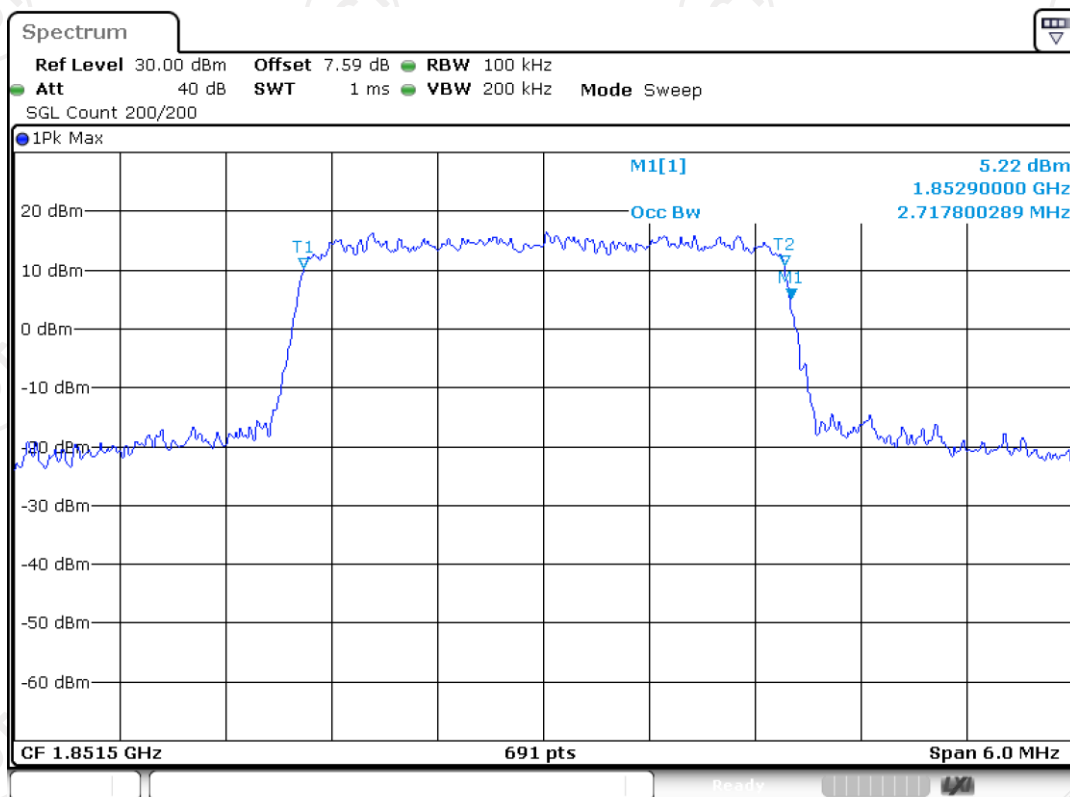
Date: 27.APR.2023 12:37:25

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



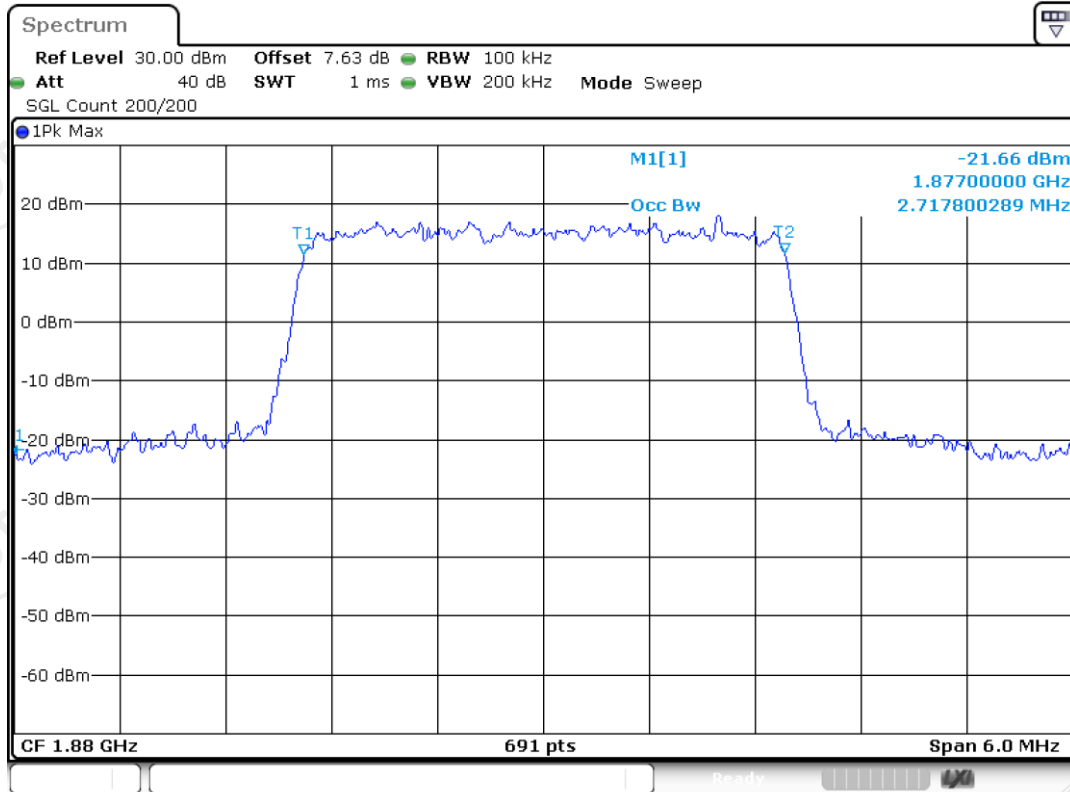
Date: 27.APR.2023 12:37:30

Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



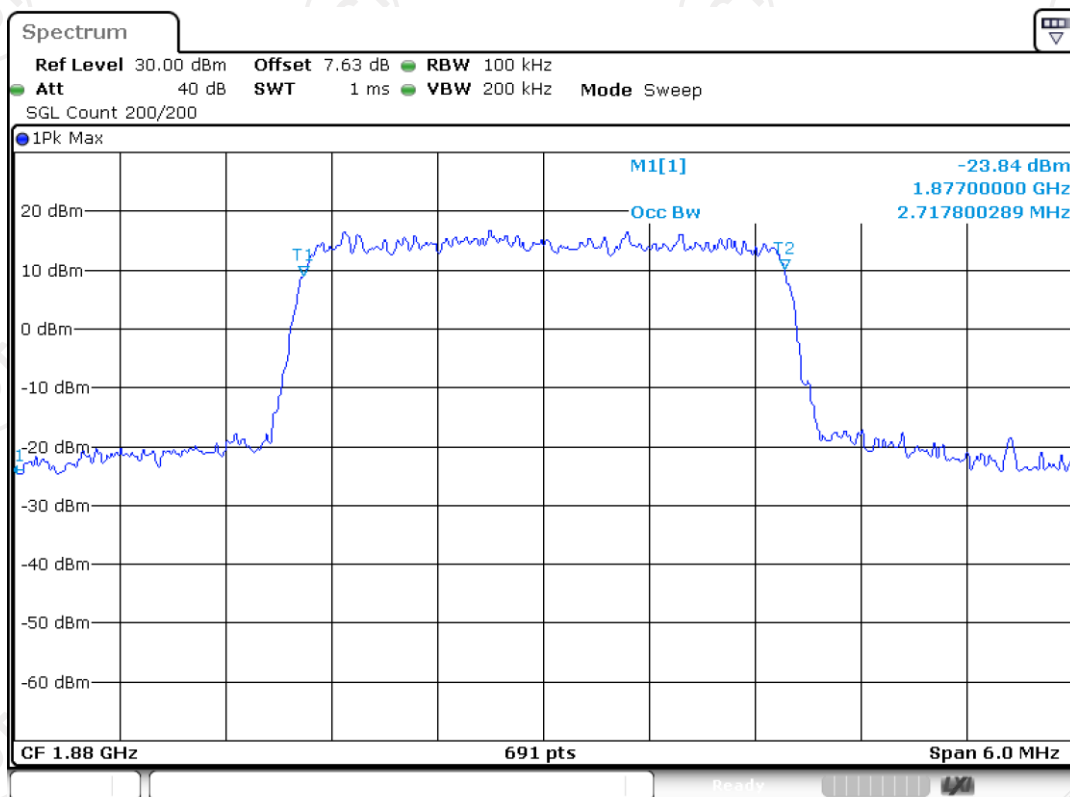
Date: 27.APR.2023 12:37:35

Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



Date: 27.APR.2023 12:37:39

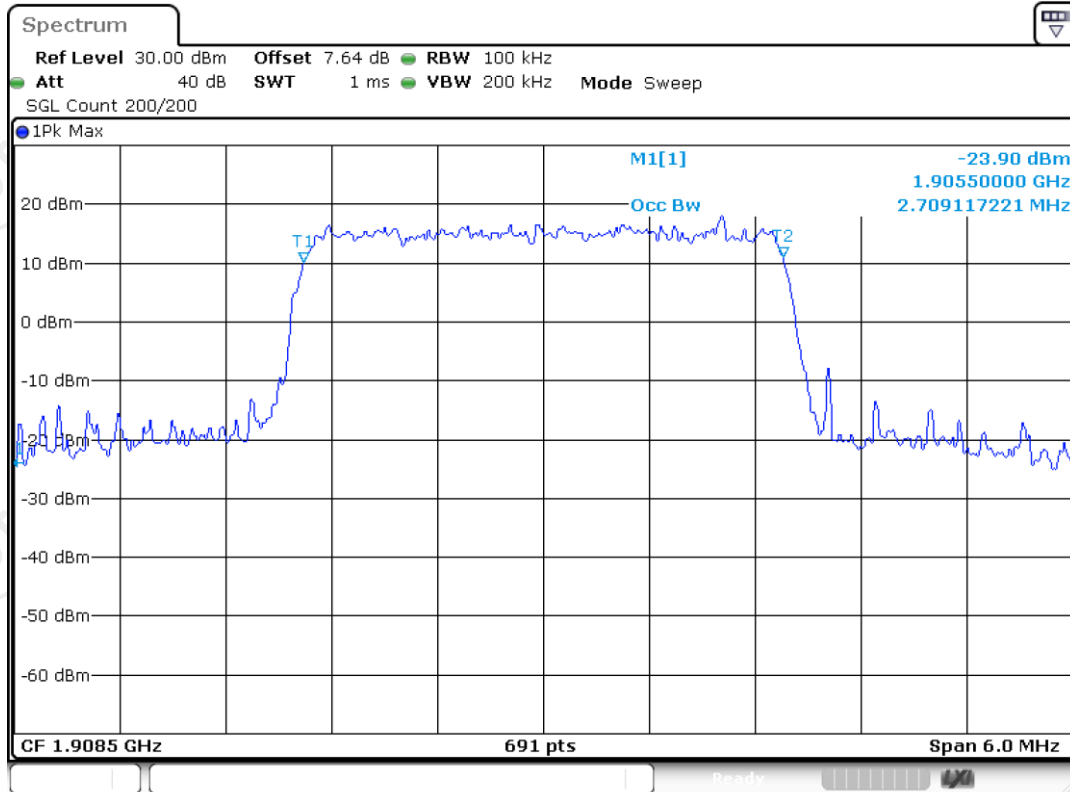
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



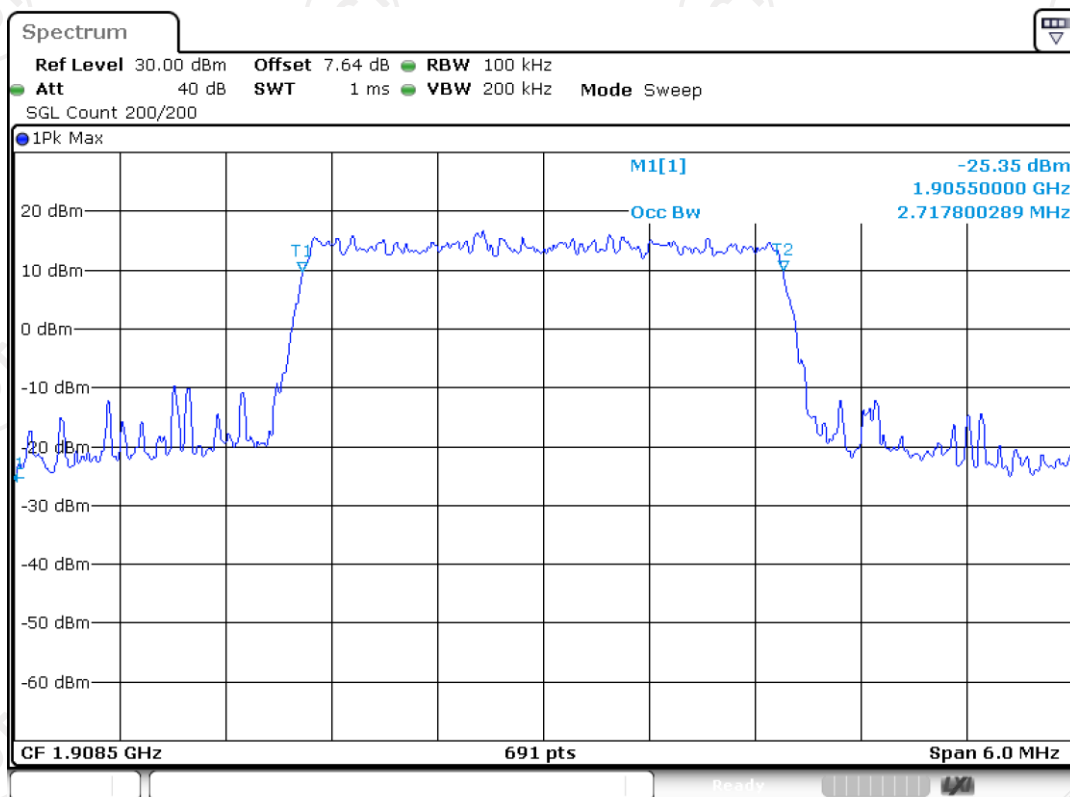
Date: 27.APR.2023 12:37:44

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

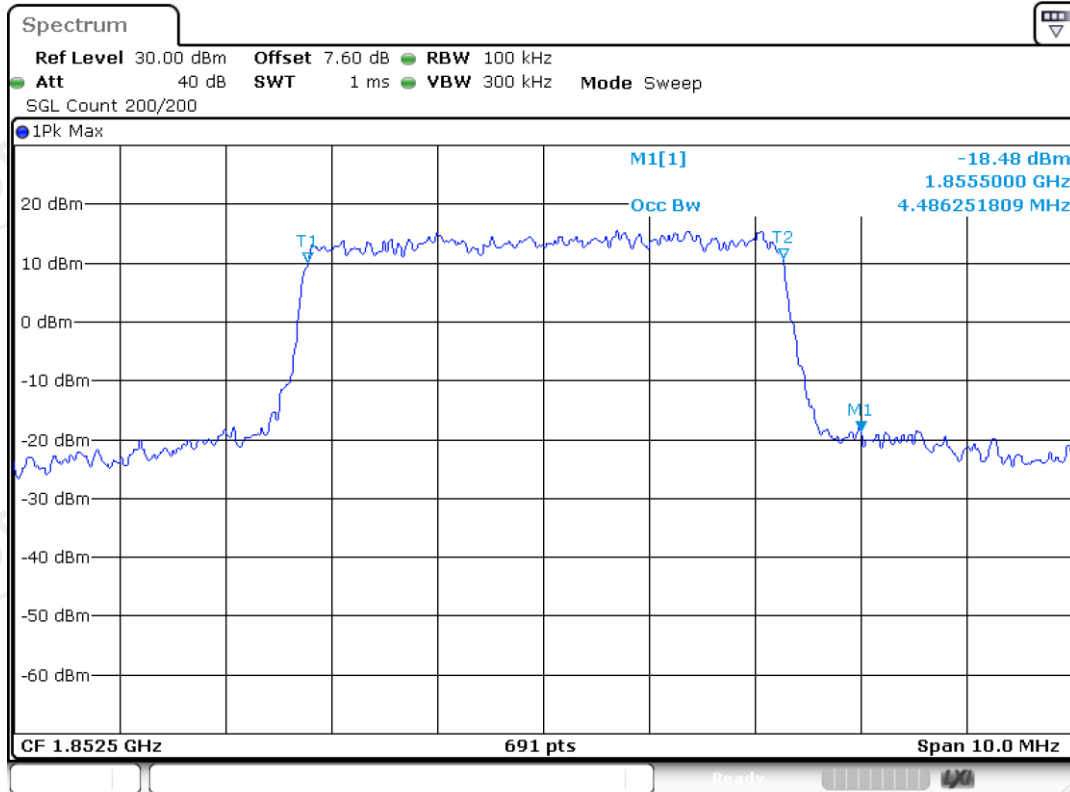




Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

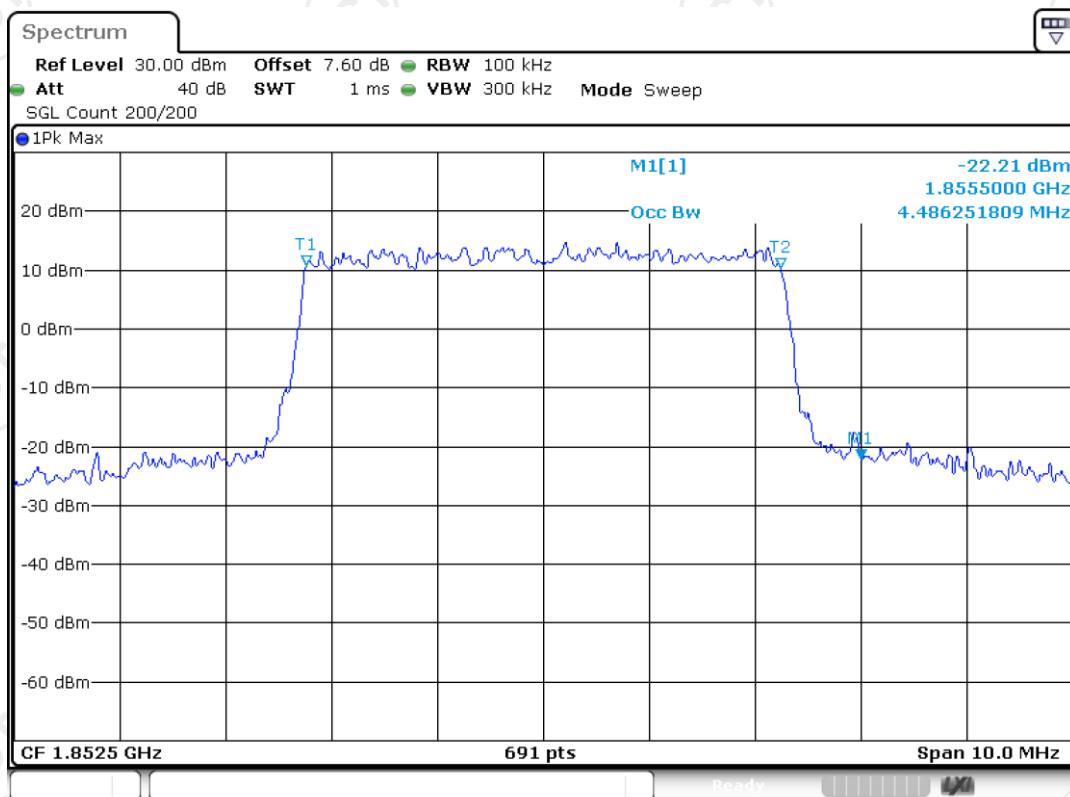


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



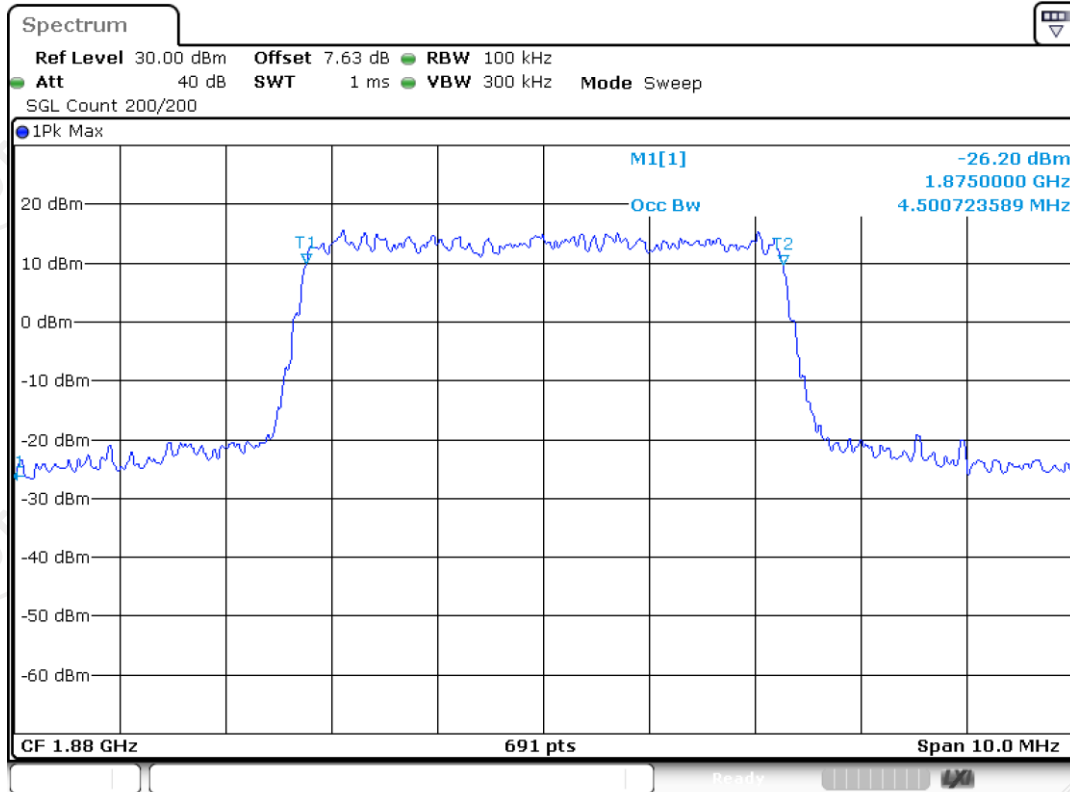
Date: 27.APR.2023 12:37:59

Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



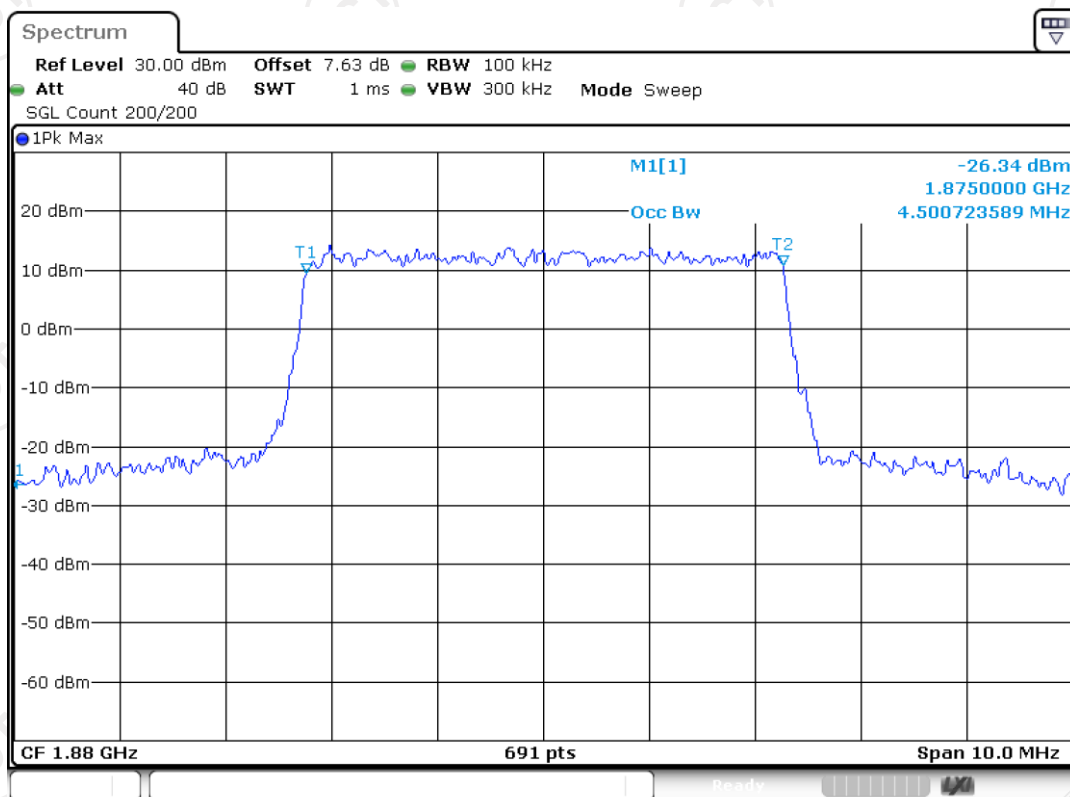
Date: 27.APR.2023 12:38:04

Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



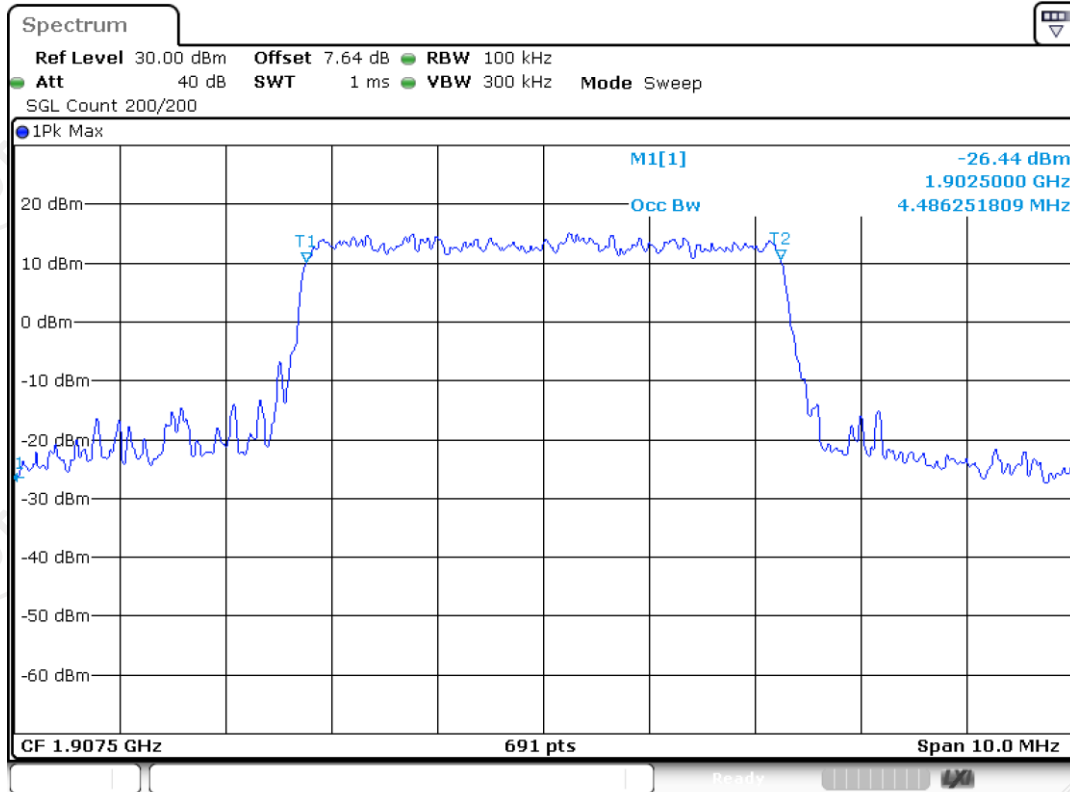
Date: 27.APR.2023 12:38:09

Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



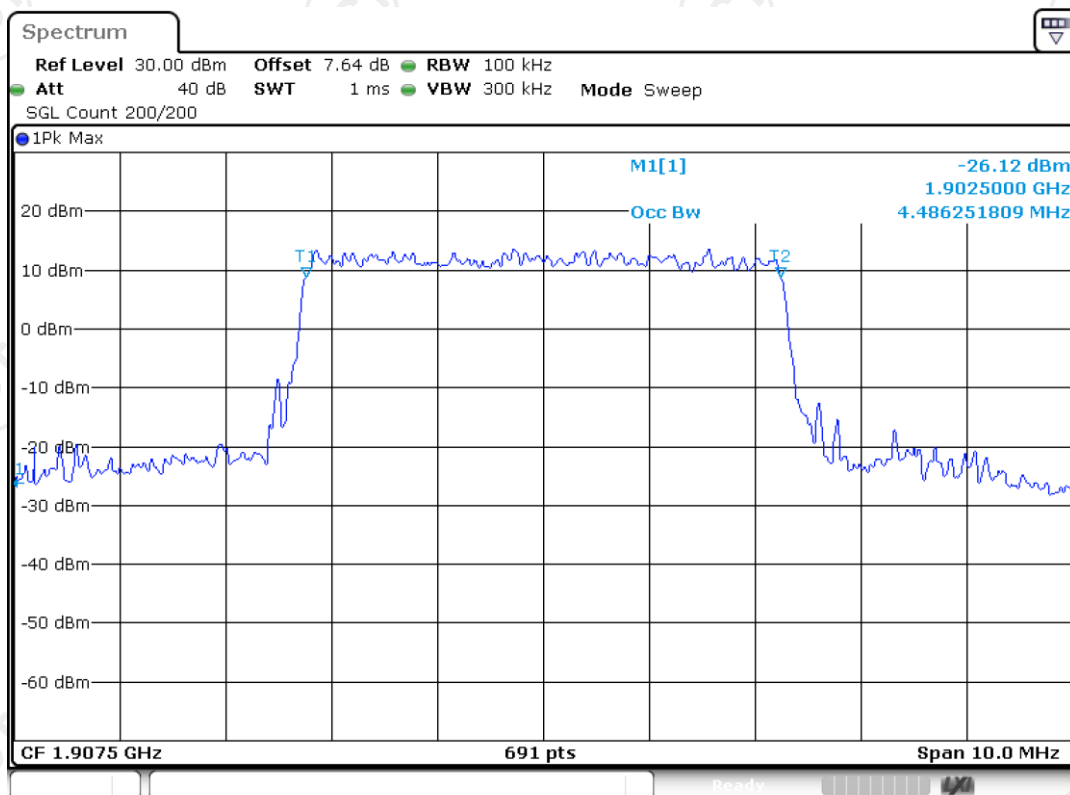
Date: 27.APR.2023 12:38:14

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



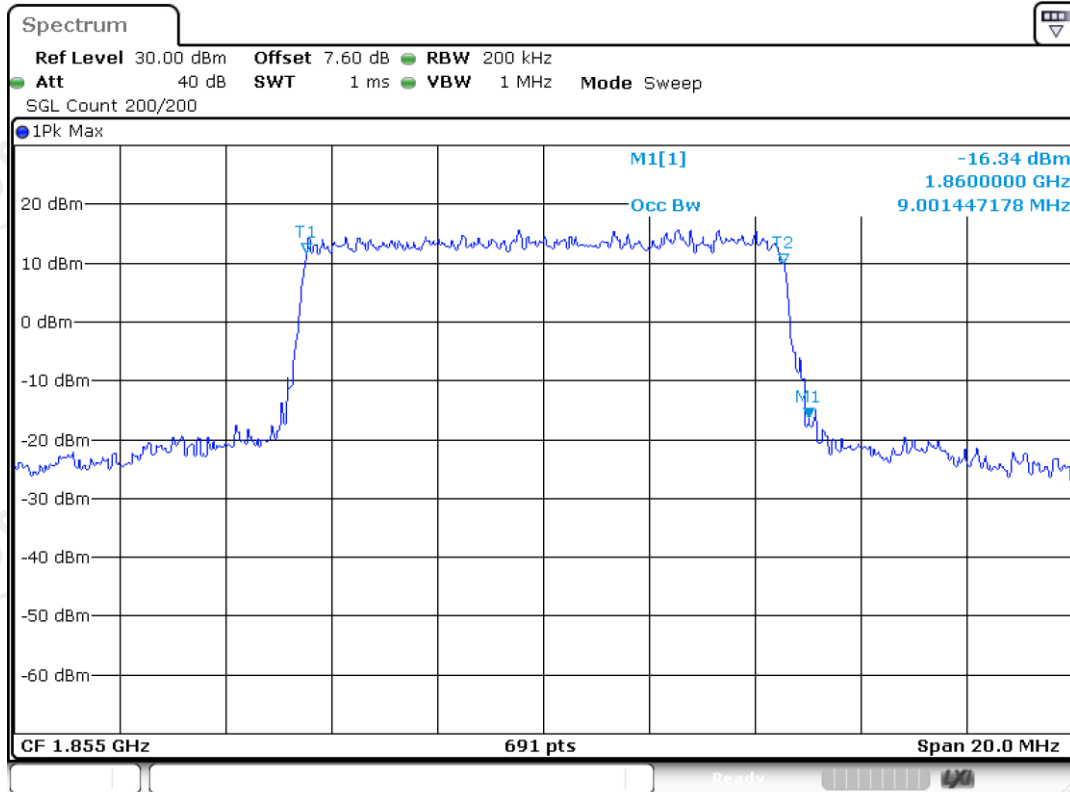
Date: 27.APR.2023 12:38:19

Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



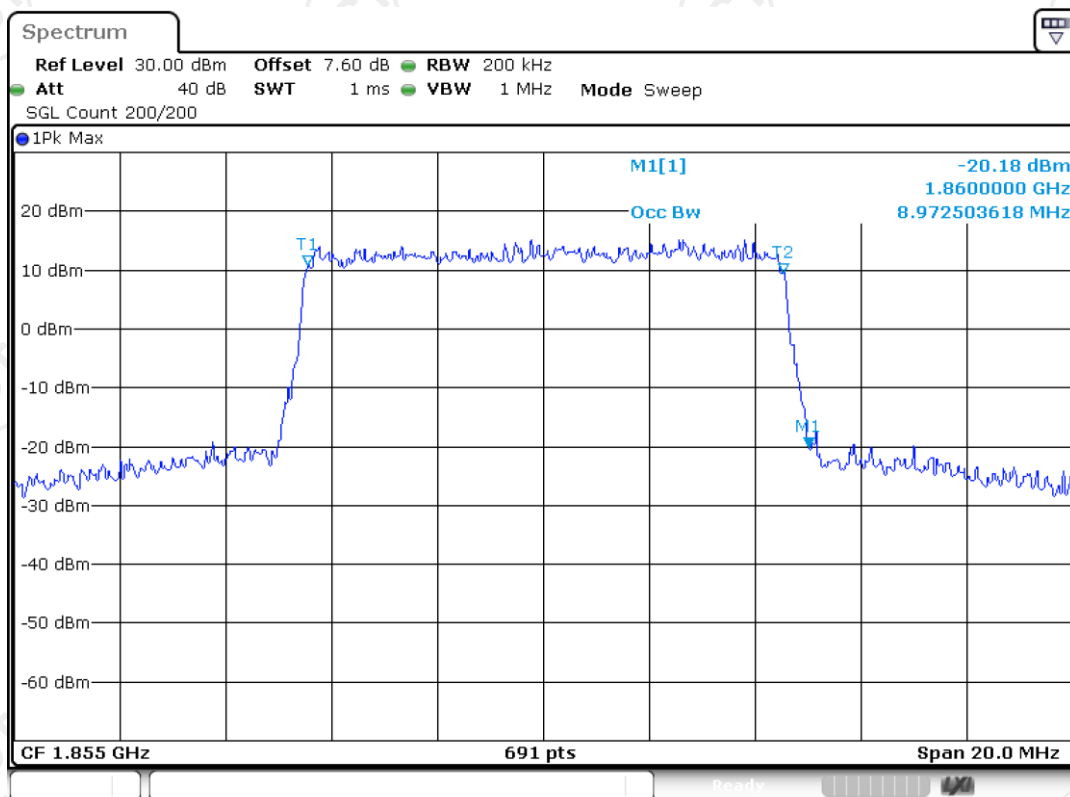
Date: 27.APR.2023 12:38:24

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



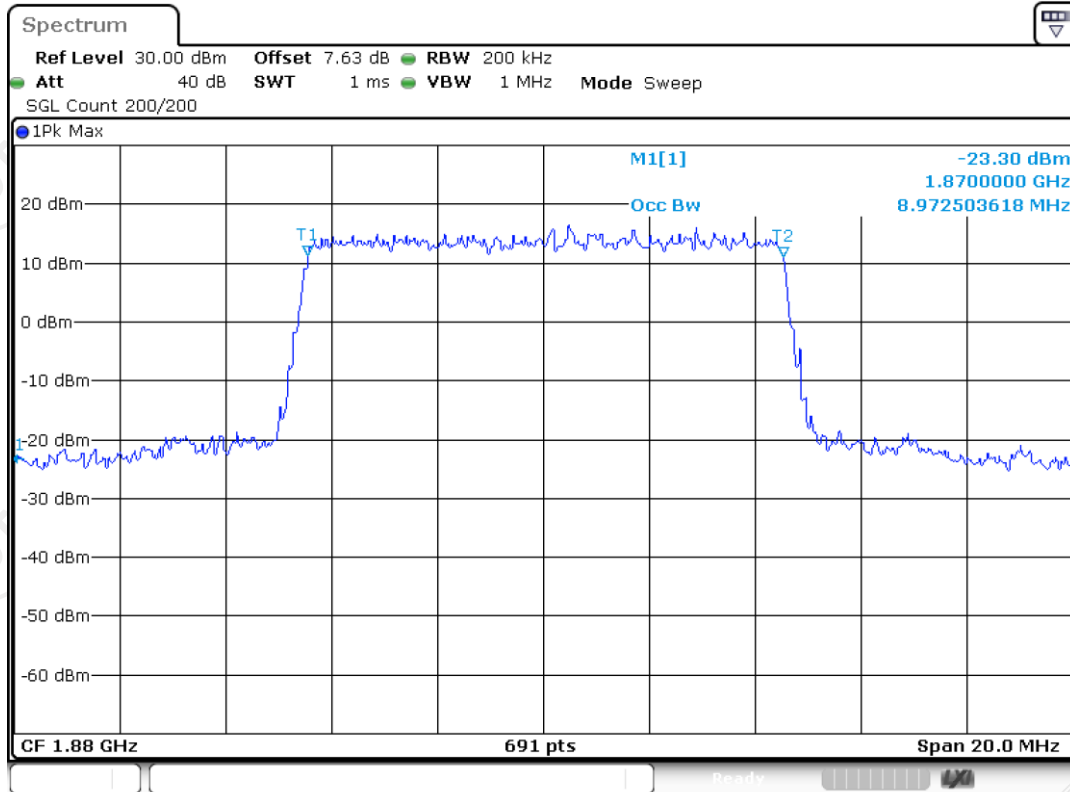
Date: 27.APR.2023 12:38:31

Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



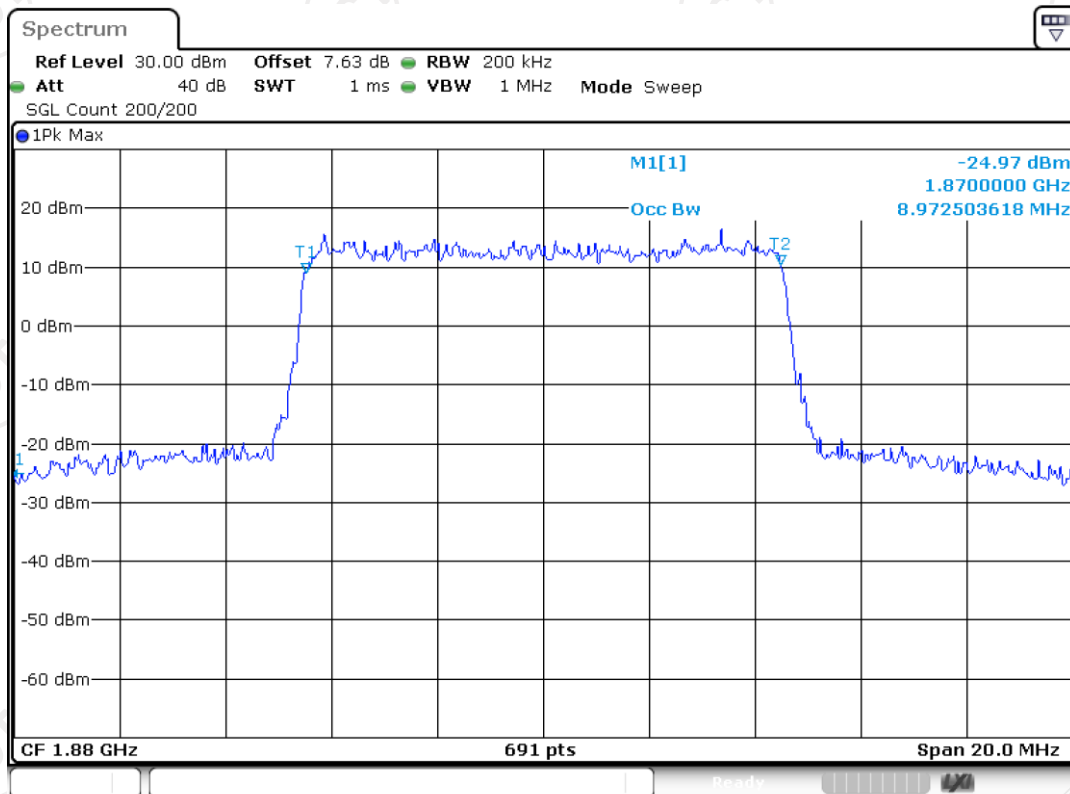
Date: 27.APR.2023 12:38:37

Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



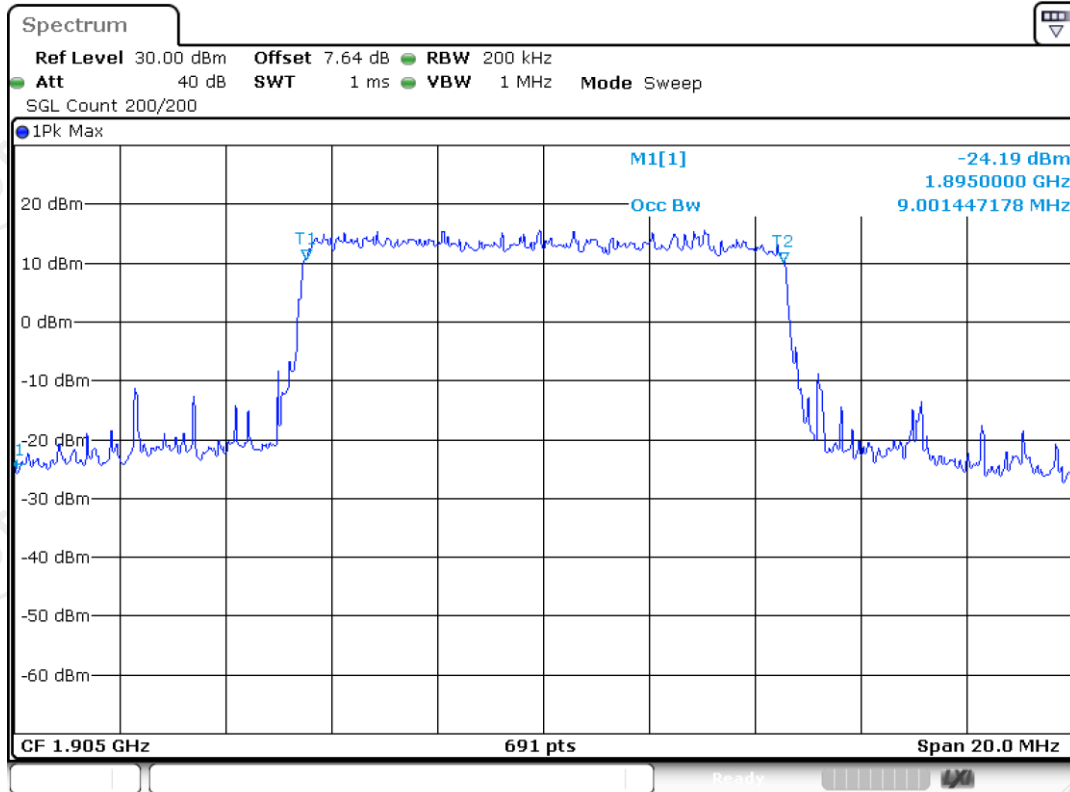
Date: 27.APR.2023 12:38:43

Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



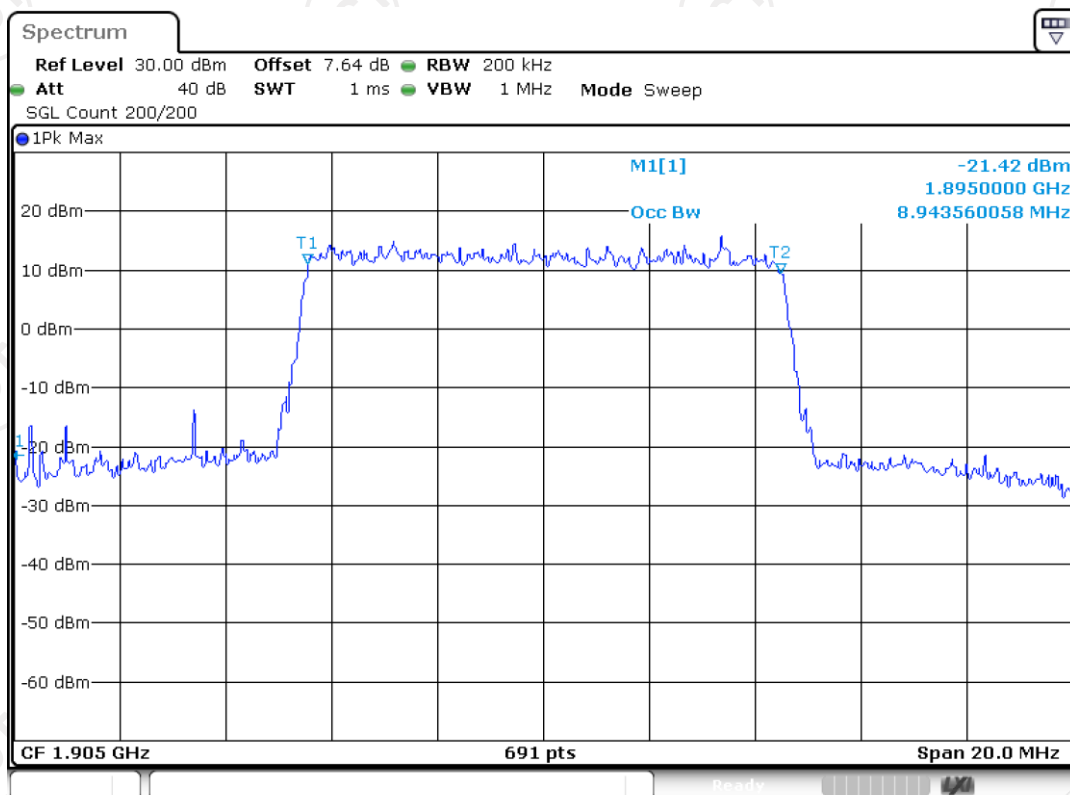
Date: 27.APR.2023 12:38:48

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



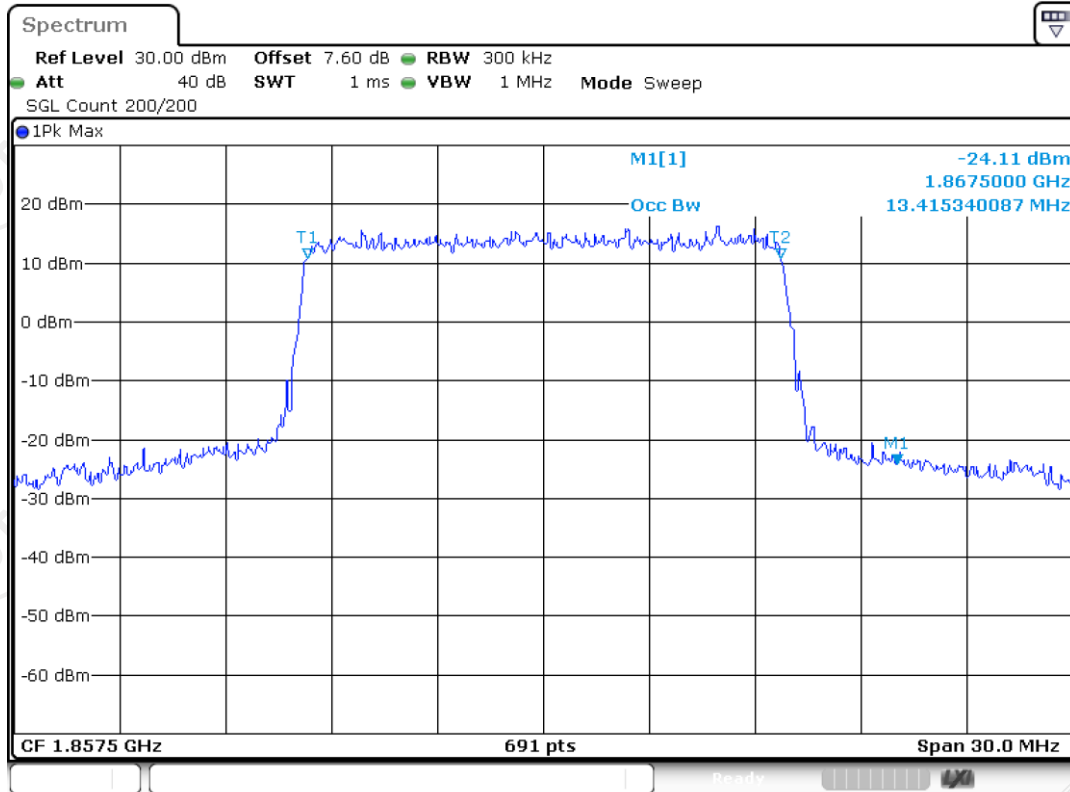
Date: 27.APR.2023 12:38:55

Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



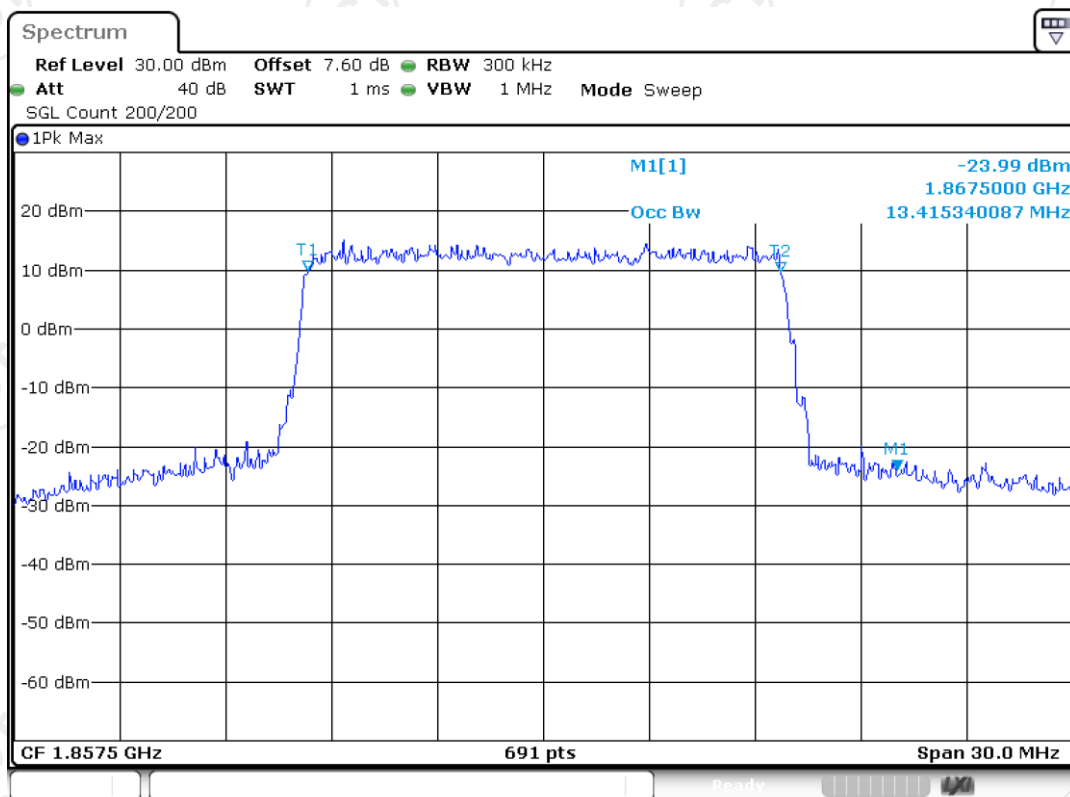
Date: 27.APR.2023 12:39:01

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Date: 27.APR.2023 12:39:06

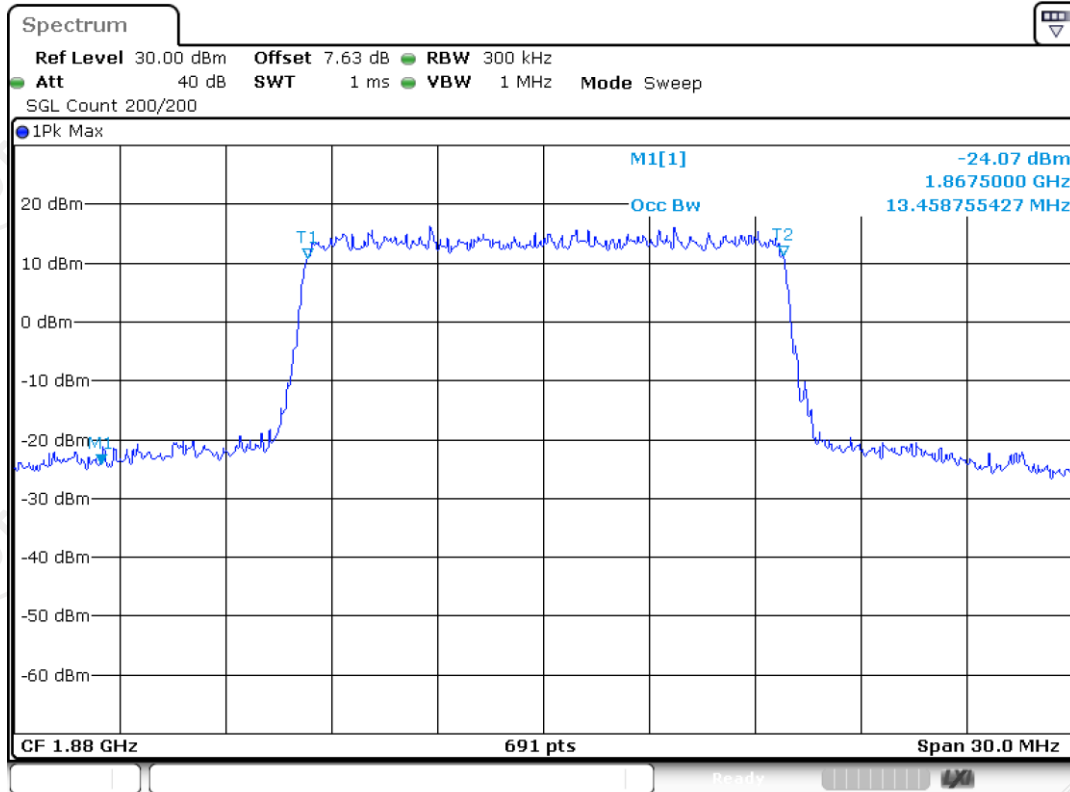
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



Date: 27.APR.2023 12:39:11

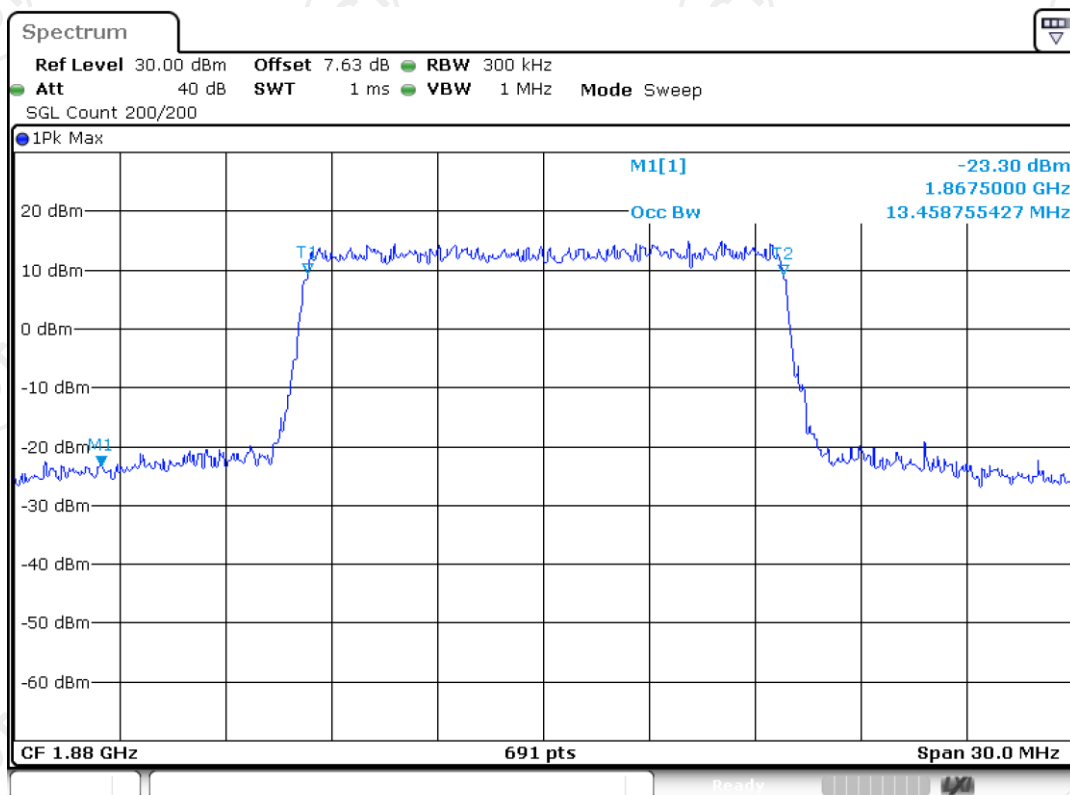
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0





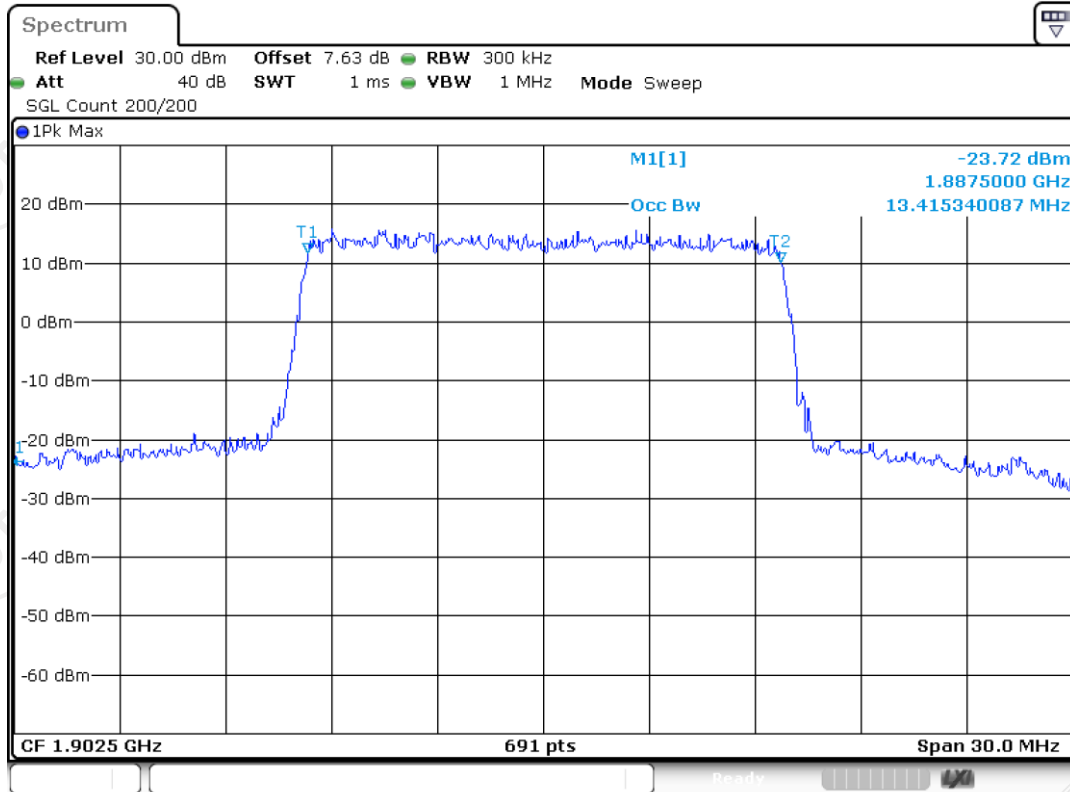
Date: 27.APR.2023 12:39:16

Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



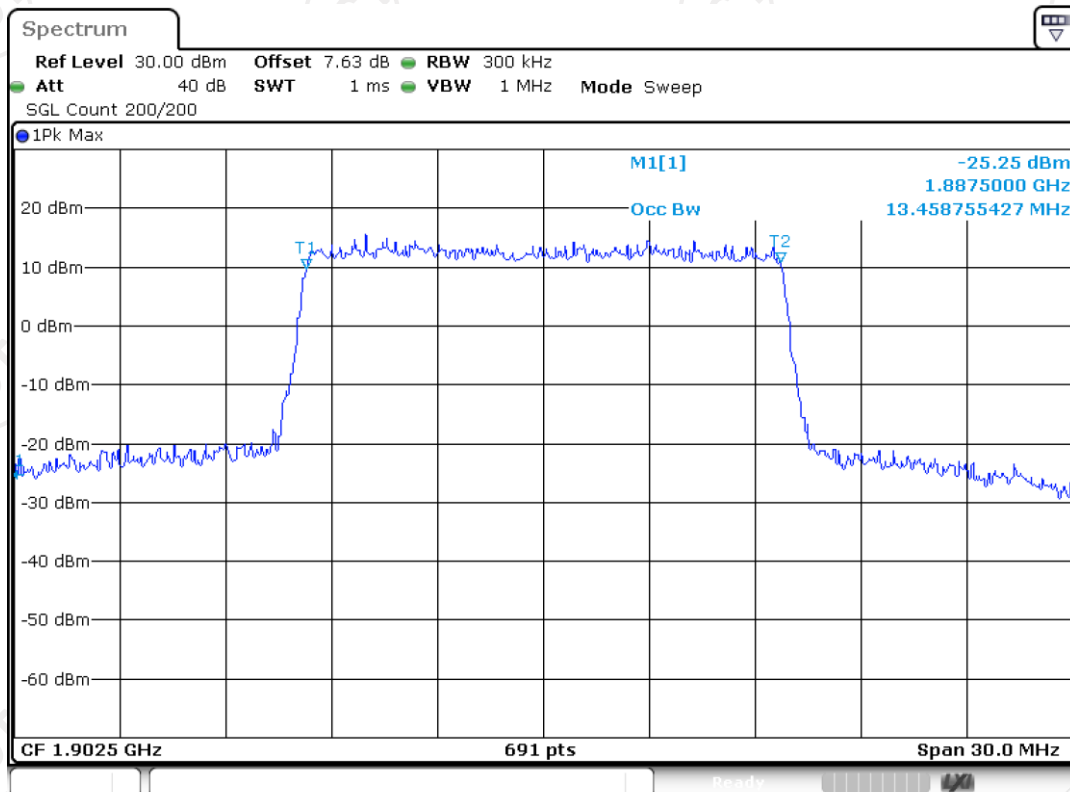
Date: 27.APR.2023 12:39:20

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



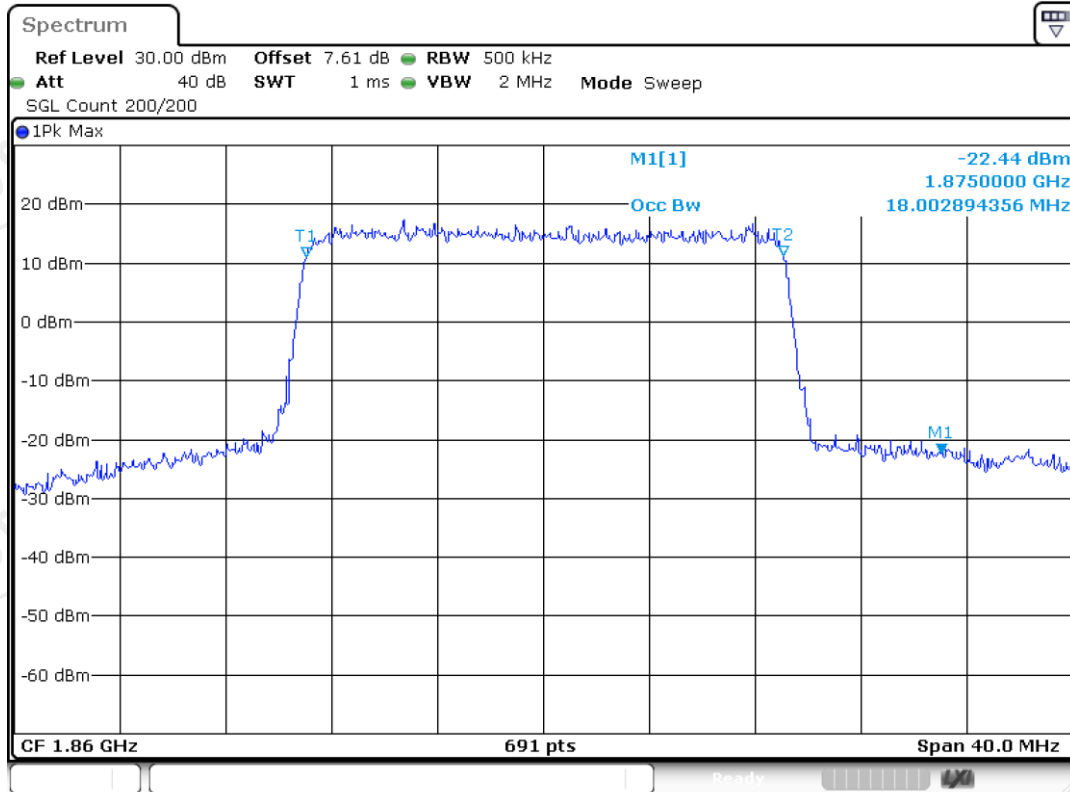
Date: 27.APR.2023 12:39:25

Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



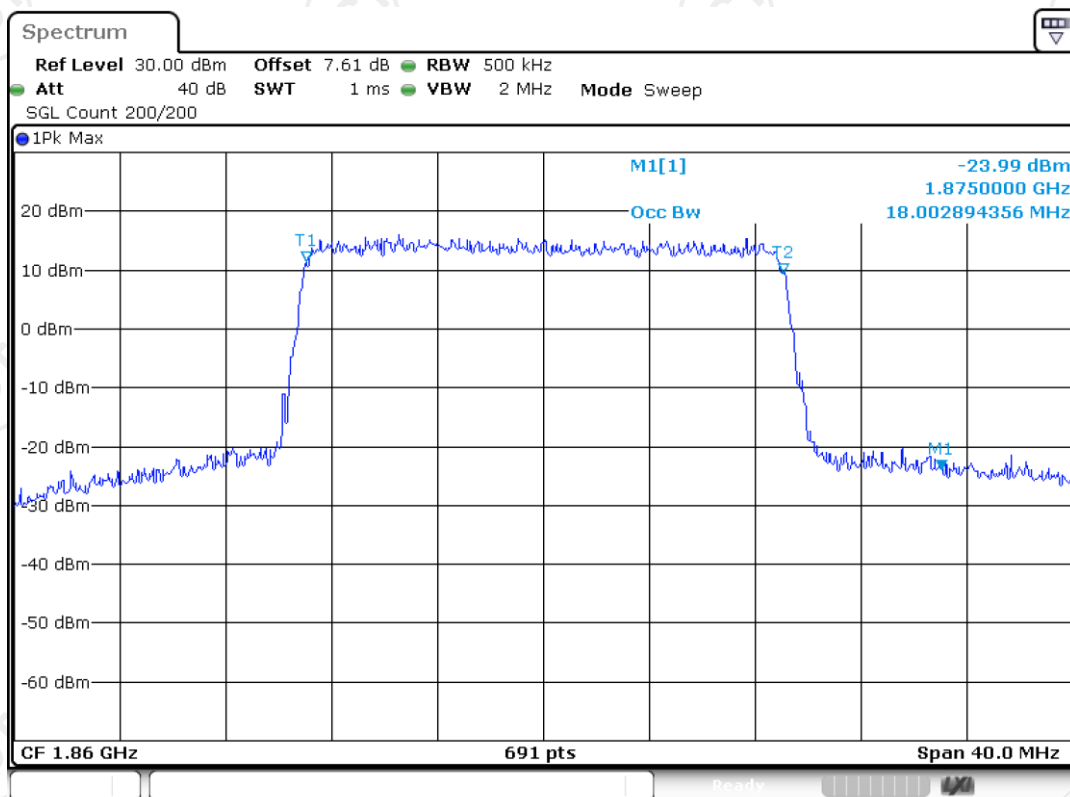
Date: 27.APR.2023 12:39:30

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



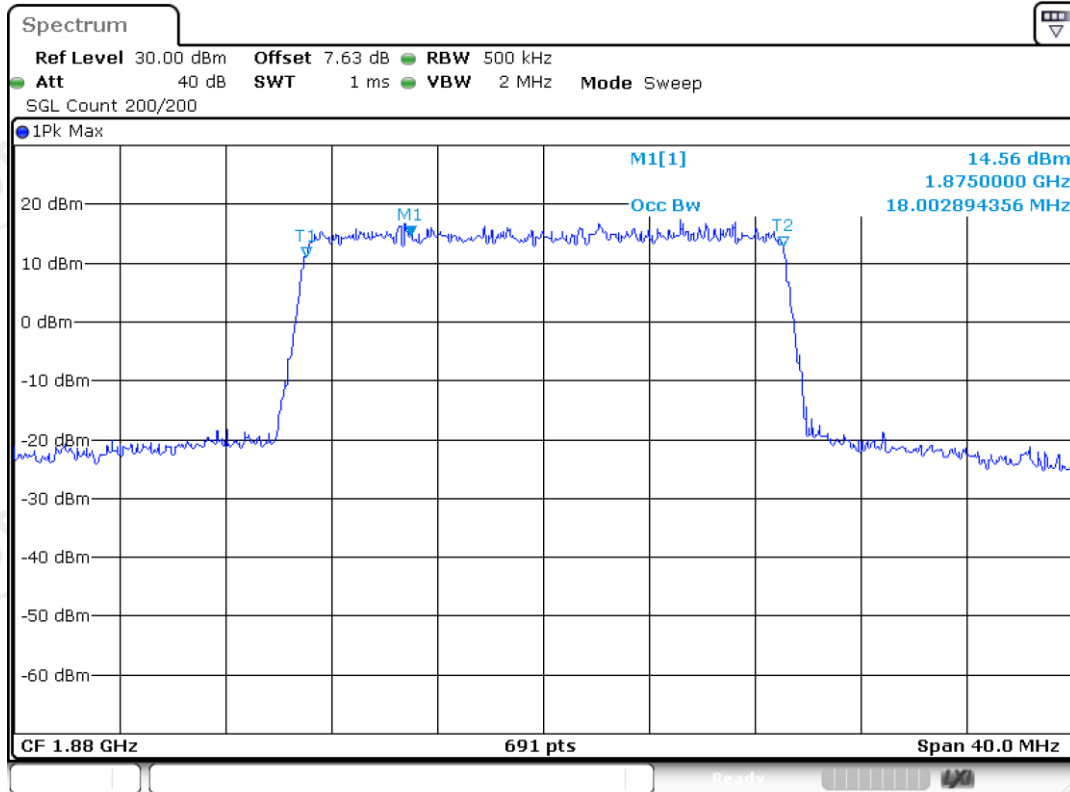
Date: 27.APR.2023 12:39:35

Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



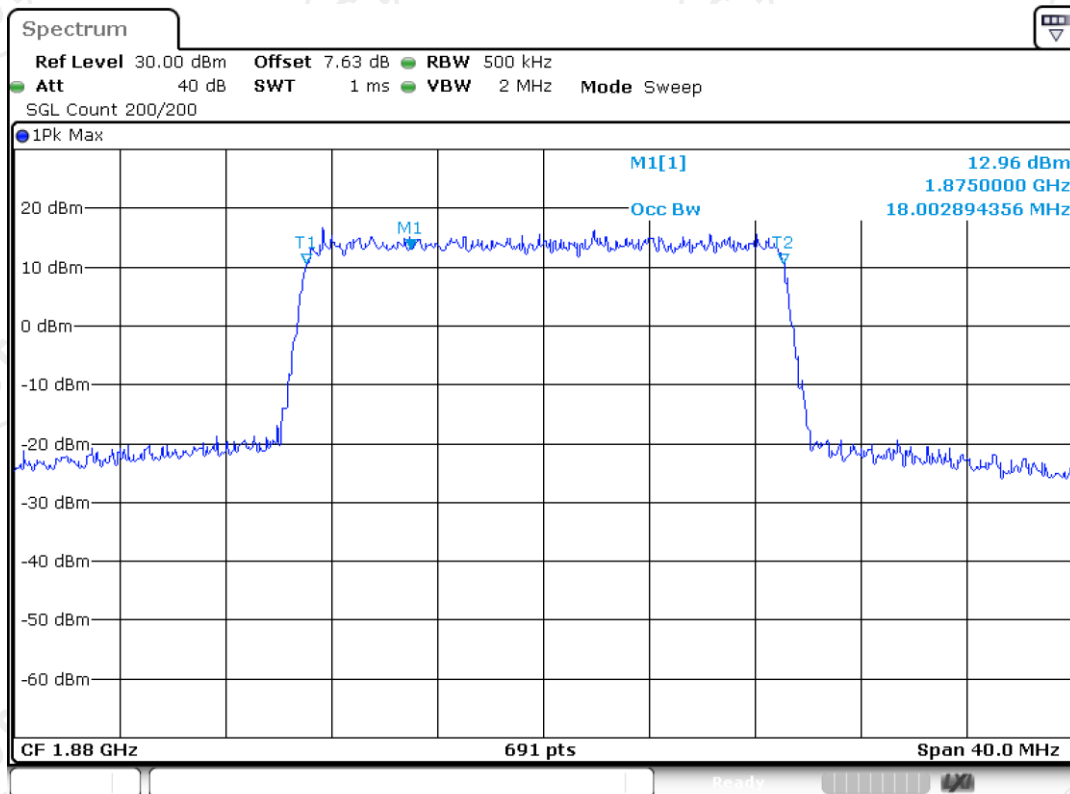
Date: 27.APR.2023 12:39:39

Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



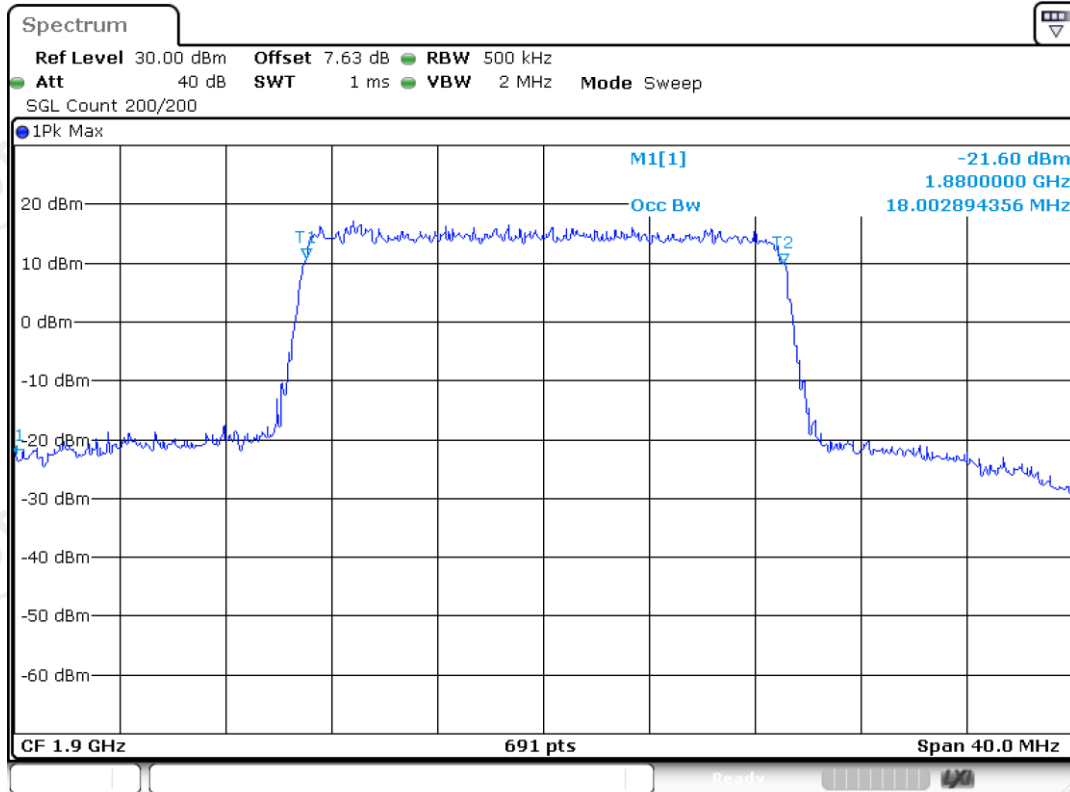
Date: 27.APR.2023 12:39:44

Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



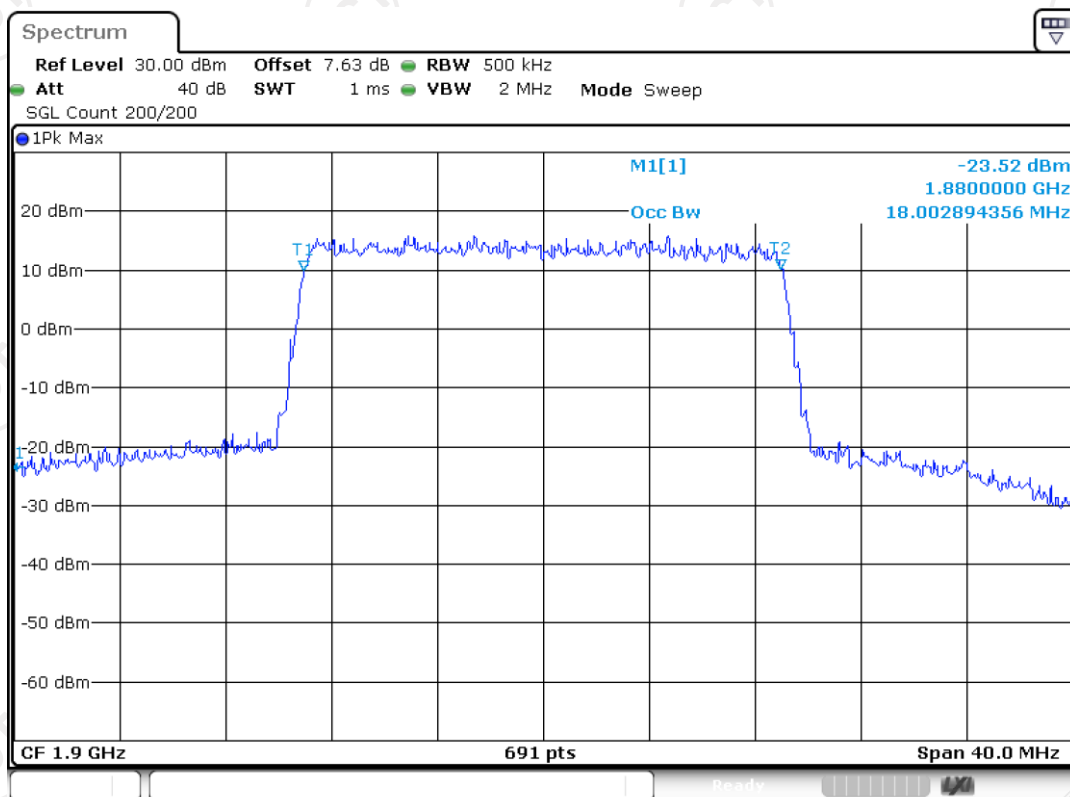
Date: 27.APR.2023 12:39:49

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Date: 27.APR.2023 12:39:54

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

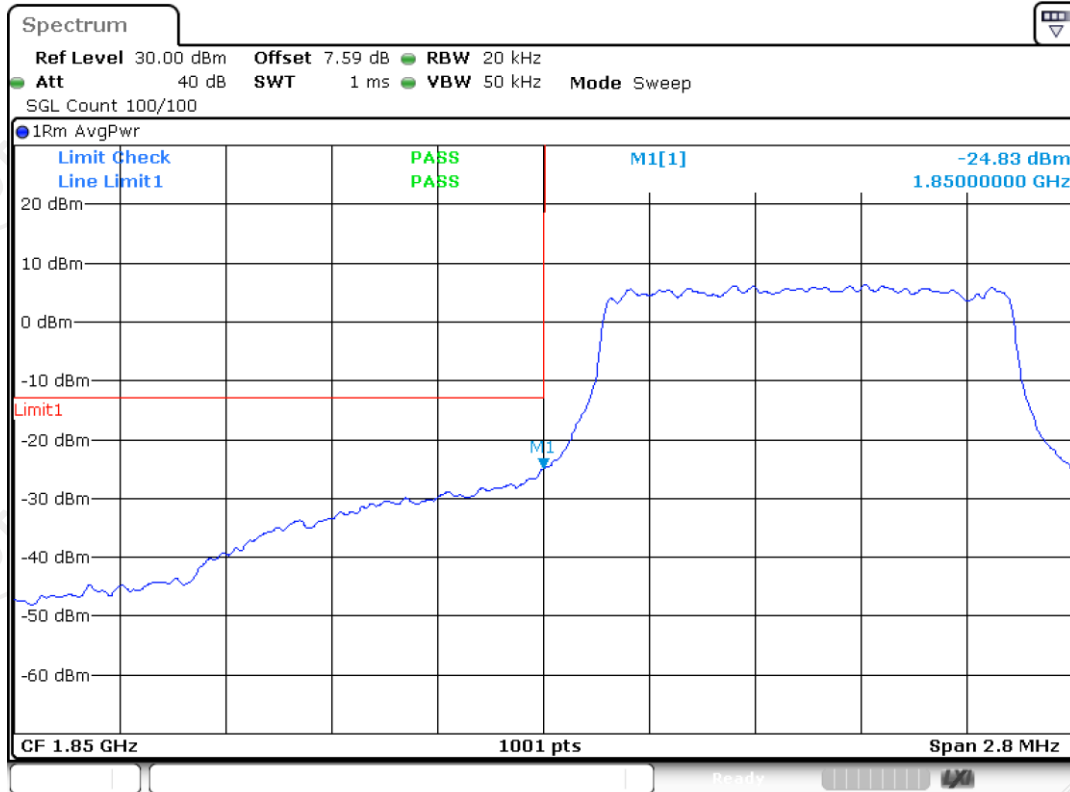


Date: 27.APR.2023 12:39:58

## 5 Band edge

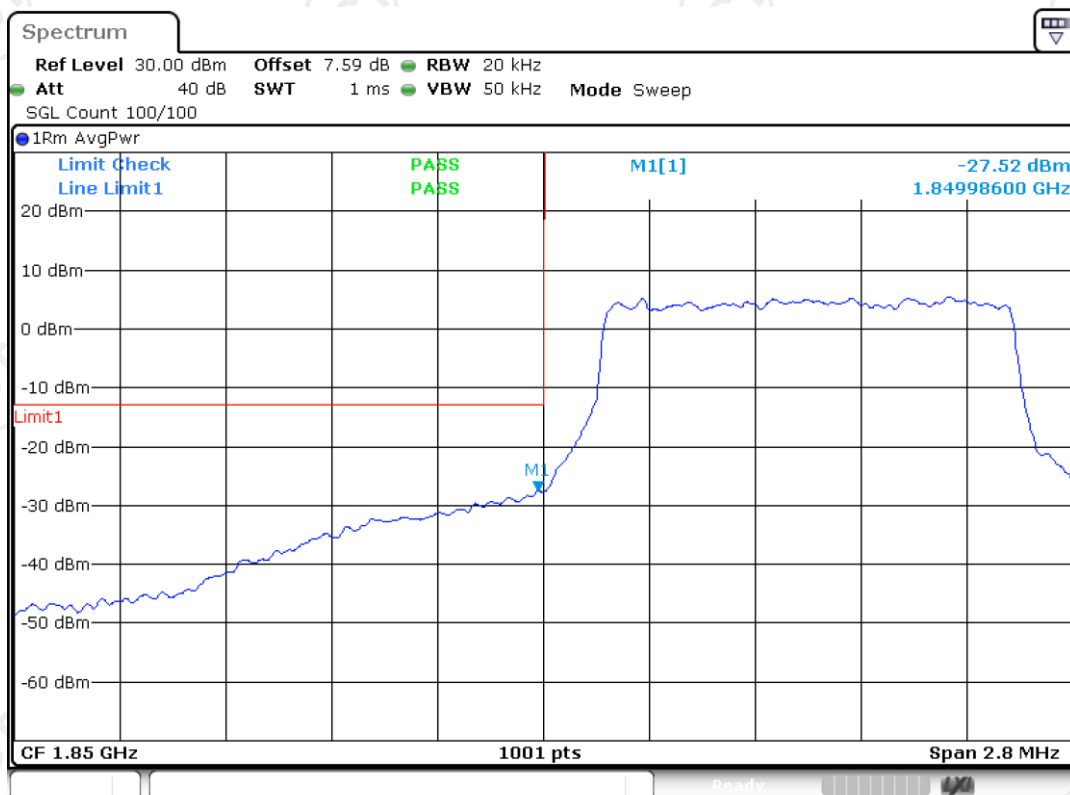
| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band2 | 1.4                | 18607         | 6          | #0             | QPSK       | 1850.00            | -24.82              | -13            | PASS    |
| Band2 | 1.4                | 18607         | 6          | #0             | 16QAM      | 1849.99            | -27.51              | -13            | PASS    |
| Band2 | 1.4                | 19193         | 6          | #0             | QPSK       | 1910.01            | -27.67              | -13            | PASS    |
| Band2 | 1.4                | 19193         | 6          | #0             | 16QAM      | 1910.00            | -28.57              | -13            | PASS    |
| Band2 | 3                  | 18615         | 15         | #0             | QPSK       | 1850.00            | -29.12              | -13            | PASS    |
| Band2 | 3                  | 18615         | 15         | #0             | 16QAM      | 1850.00            | -29.47              | -13            | PASS    |
| Band2 | 3                  | 19185         | 15         | #0             | QPSK       | 1910.00            | -29.98              | -13            | PASS    |
| Band2 | 3                  | 19185         | 15         | #0             | 16QAM      | 1910.04            | -30.76              | -13            | PASS    |
| Band2 | 5                  | 18625         | 25         | #0             | QPSK       | 1849.97            | -28.93              | -13            | PASS    |
| Band2 | 5                  | 18625         | 25         | #0             | 16QAM      | 1849.95            | -31.03              | -13            | PASS    |
| Band2 | 5                  | 19175         | 25         | #0             | QPSK       | 1910.18            | -30.11              | -13            | PASS    |
| Band2 | 5                  | 19175         | 25         | #0             | 16QAM      | 1910.00            | -31.61              | -13            | PASS    |
| Band2 | 10                 | 18650         | 50         | #0             | QPSK       | 1849.90            | -30.30              | -13            | PASS    |
| Band2 | 10                 | 18650         | 50         | #0             | 16QAM      | 1850.00            | -31.66              | -13            | PASS    |
| Band2 | 10                 | 19150         | 50         | #0             | QPSK       | 1910.18            | -31.30              | -13            | PASS    |
| Band2 | 10                 | 19150         | 50         | #0             | 16QAM      | 1910.00            | -31.19              | -13            | PASS    |
| Band2 | 15                 | 18675         | 75         | #0             | QPSK       | 1849.85            | -30.01              | -13            | PASS    |
| Band2 | 15                 | 18675         | 75         | #0             | 16QAM      | 1850.00            | -31.40              | -13            | PASS    |
| Band2 | 15                 | 19125         | 75         | #0             | QPSK       | 1910.18            | -30.01              | -13            | PASS    |
| Band2 | 15                 | 19125         | 75         | #0             | 16QAM      | 1910.00            | -30.78              | -13            | PASS    |
| Band2 | 20                 | 18700         | 100        | #0             | QPSK       | 1849.28            | -32.65              | -13            | PASS    |
| Band2 | 20                 | 18700         | 100        | #0             | 16QAM      | 1849.40            | -33.44              | -13            | PASS    |
| Band2 | 20                 | 19100         | 100        | #0             | QPSK       | 1910.04            | -31.91              | -13            | PASS    |
| Band2 | 20                 | 19100         | 100        | #0             | 16QAM      | 1910.88            | -32.56              | -13            | PASS    |

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



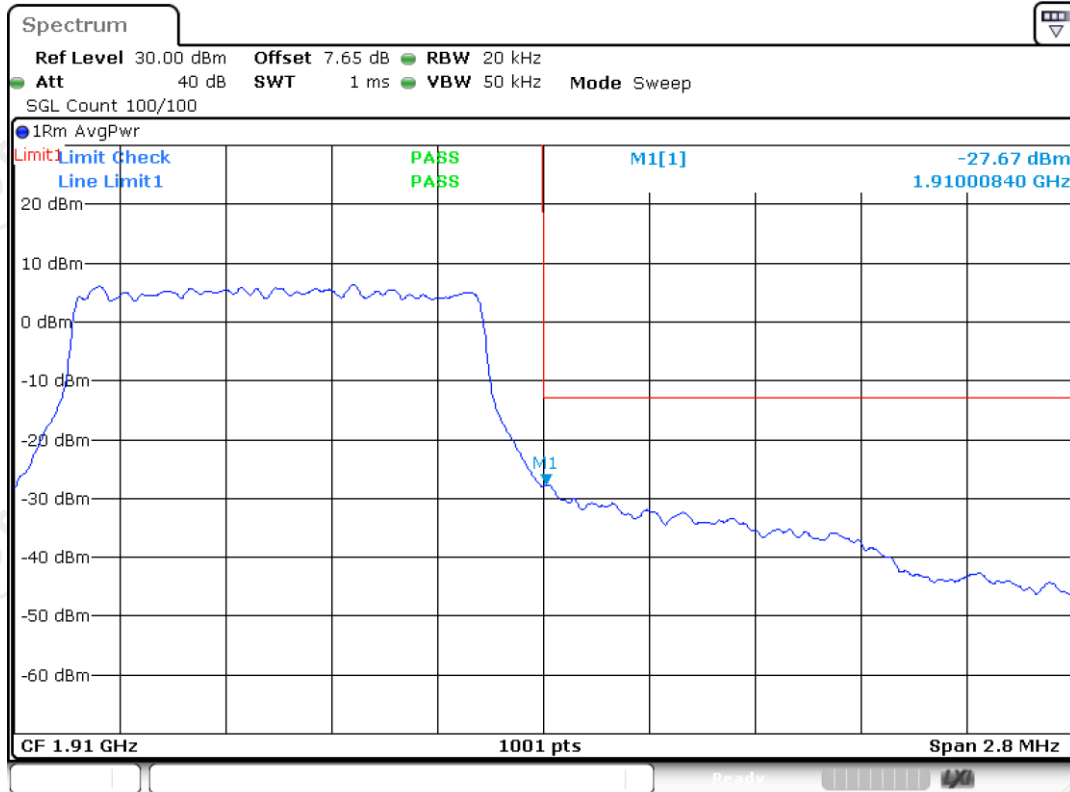
Date: 27.APR.2023 12:40:12

Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



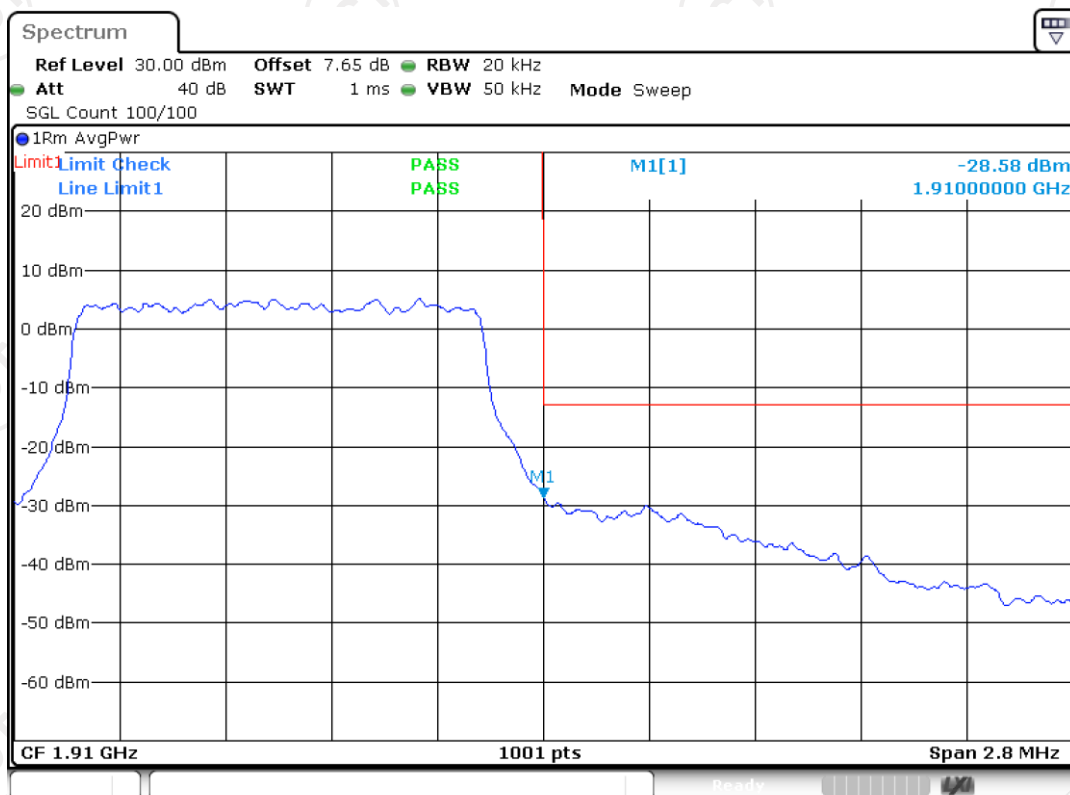
Date: 27.APR.2023 12:40:17

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Date: 27.APR.2023 12:40:22

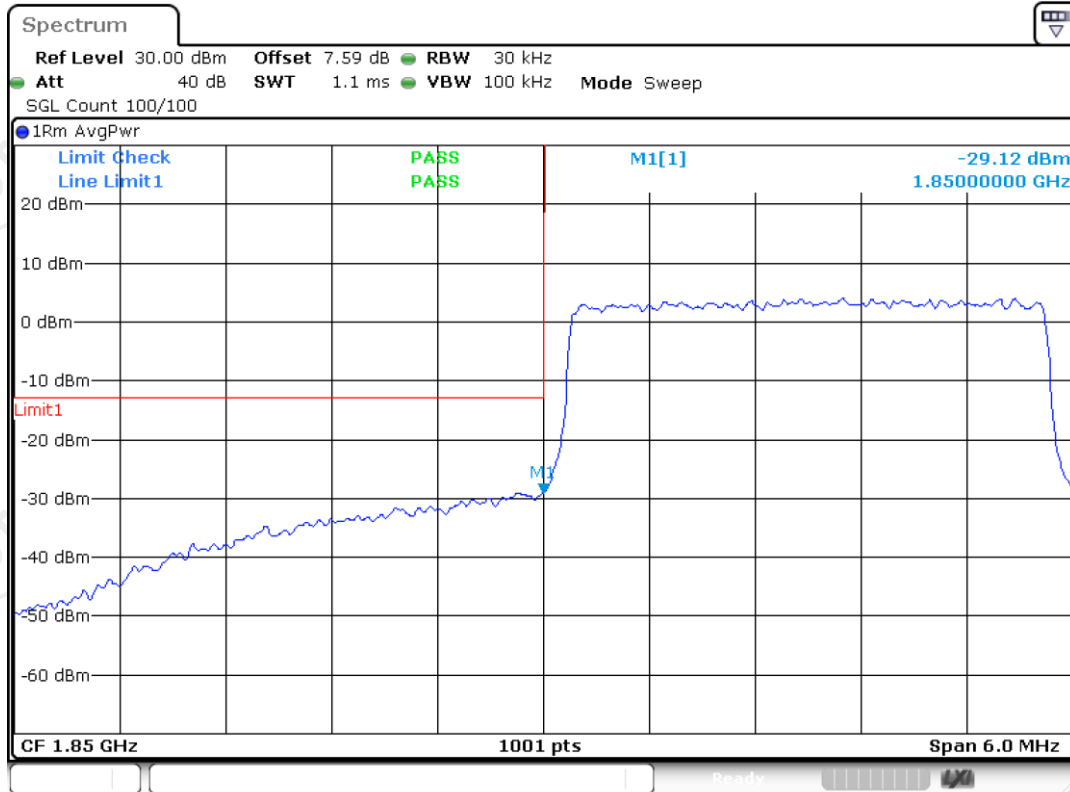
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Date: 27.APR.2023 12:40:27

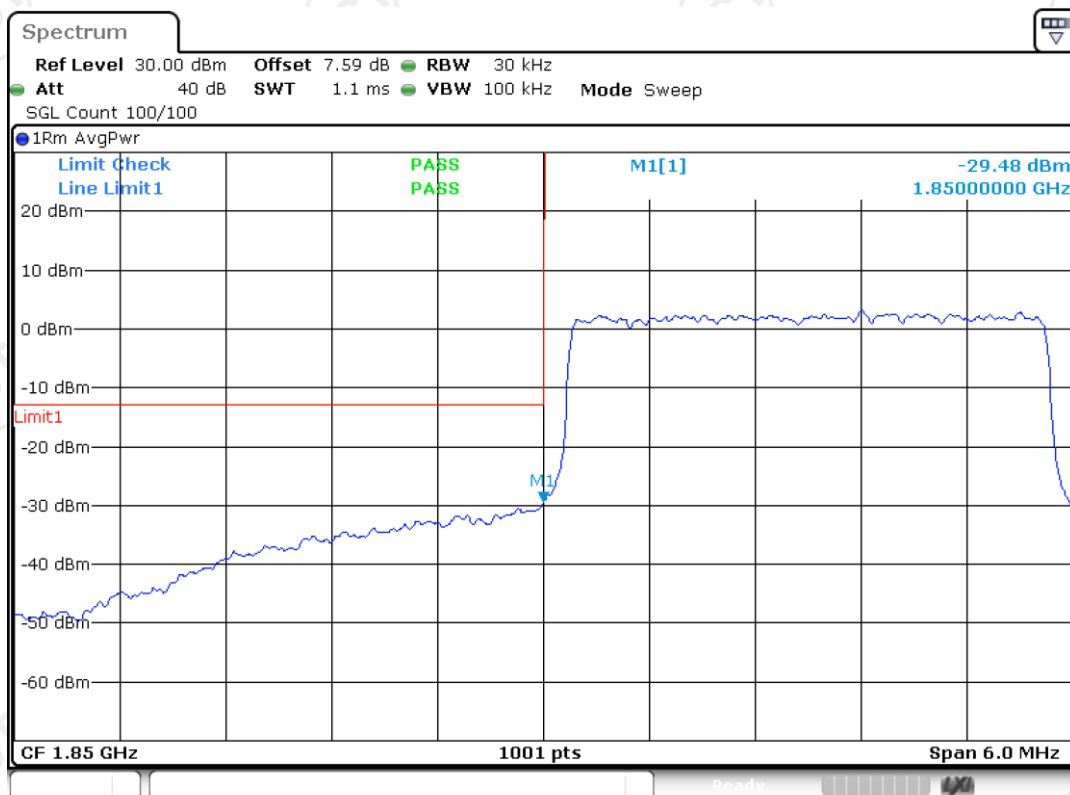
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0





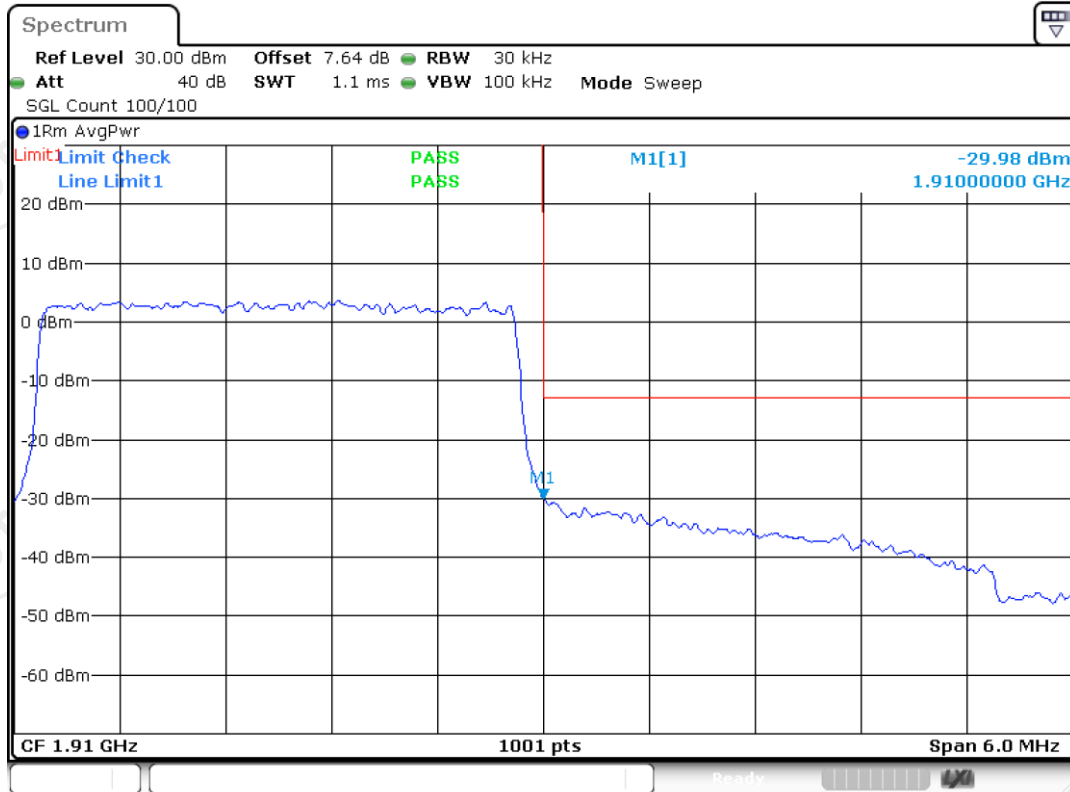
Date: 27.APR.2023 12:40:32

Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



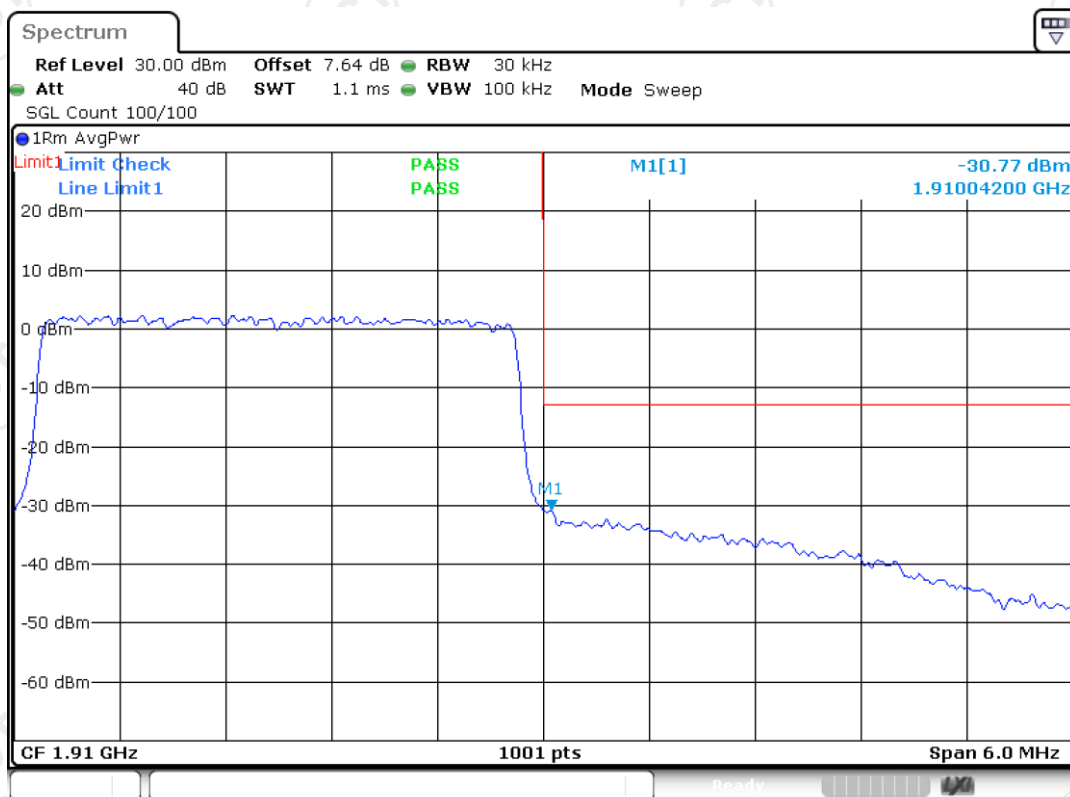
Date: 27.APR.2023 12:40:37

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



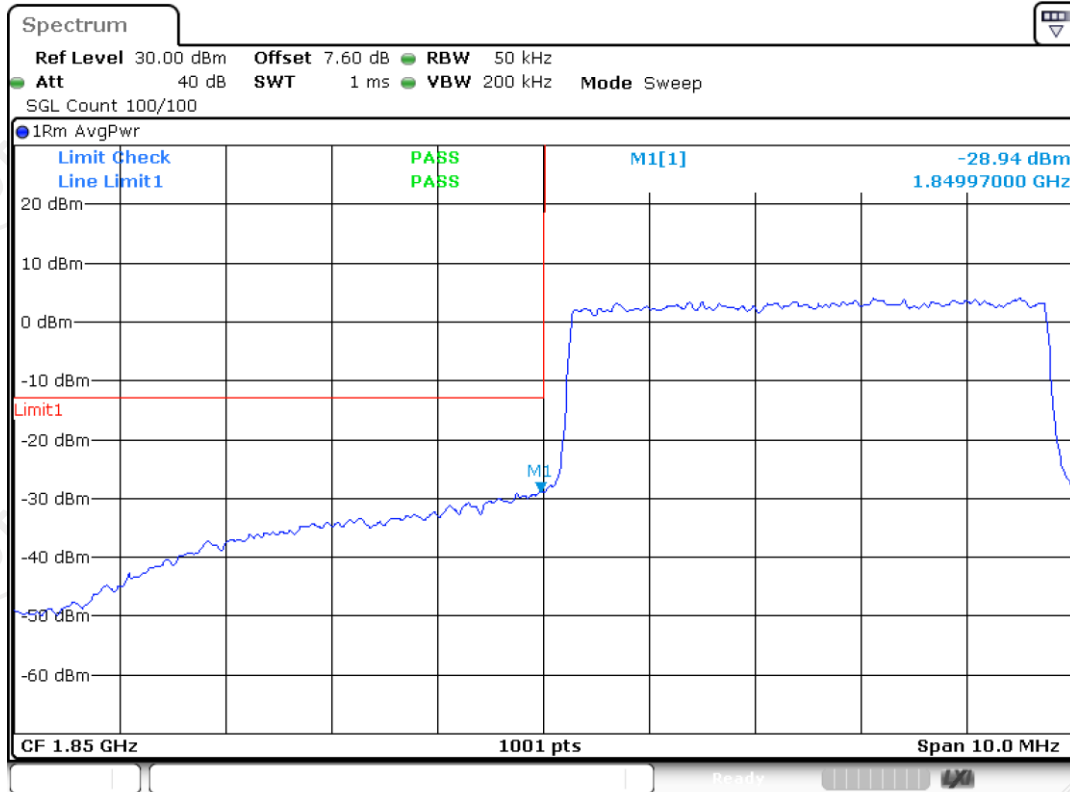
Date: 27.APR.2023 12:40:41

Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



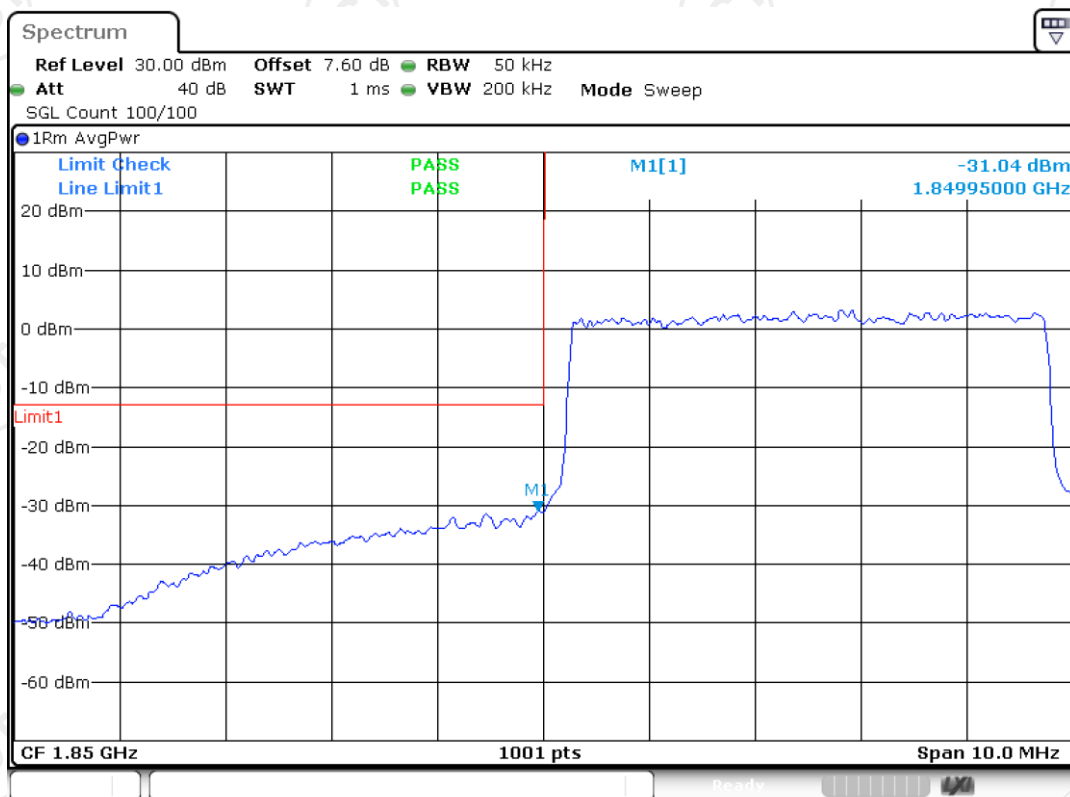
Date: 27.APR.2023 12:40:46

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



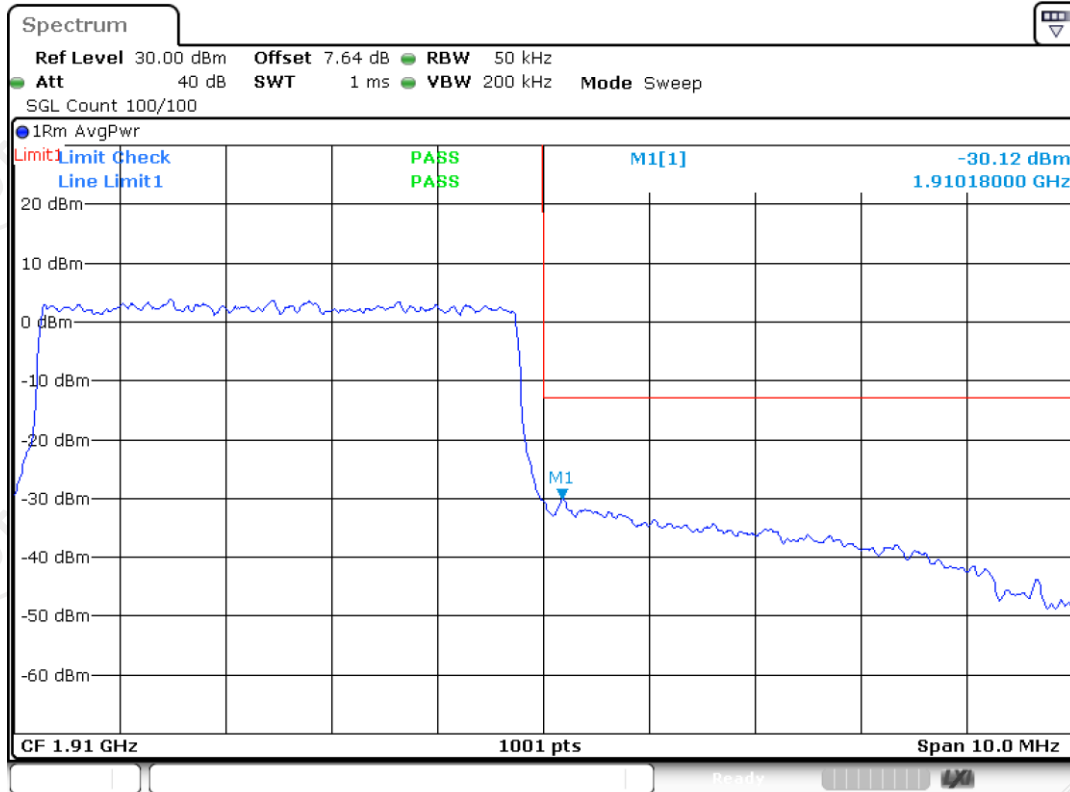
Date: 27.APR.2023 12:40:51

Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



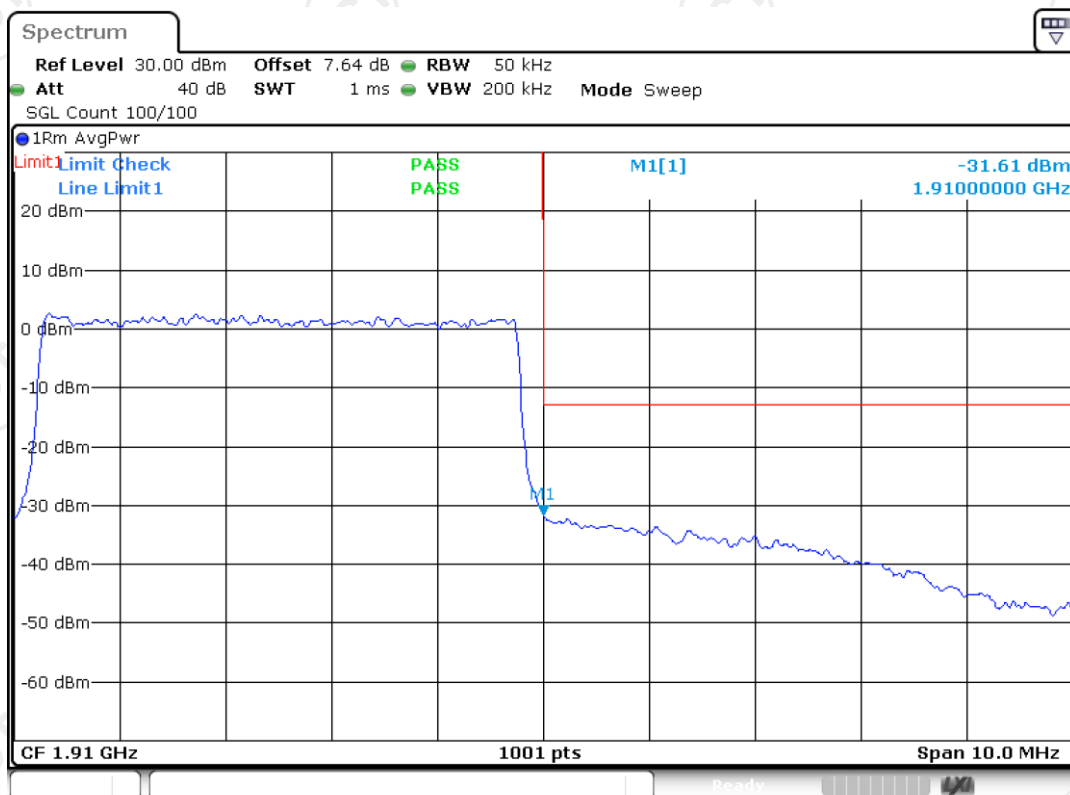
Date: 27.APR.2023 12:40:56

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



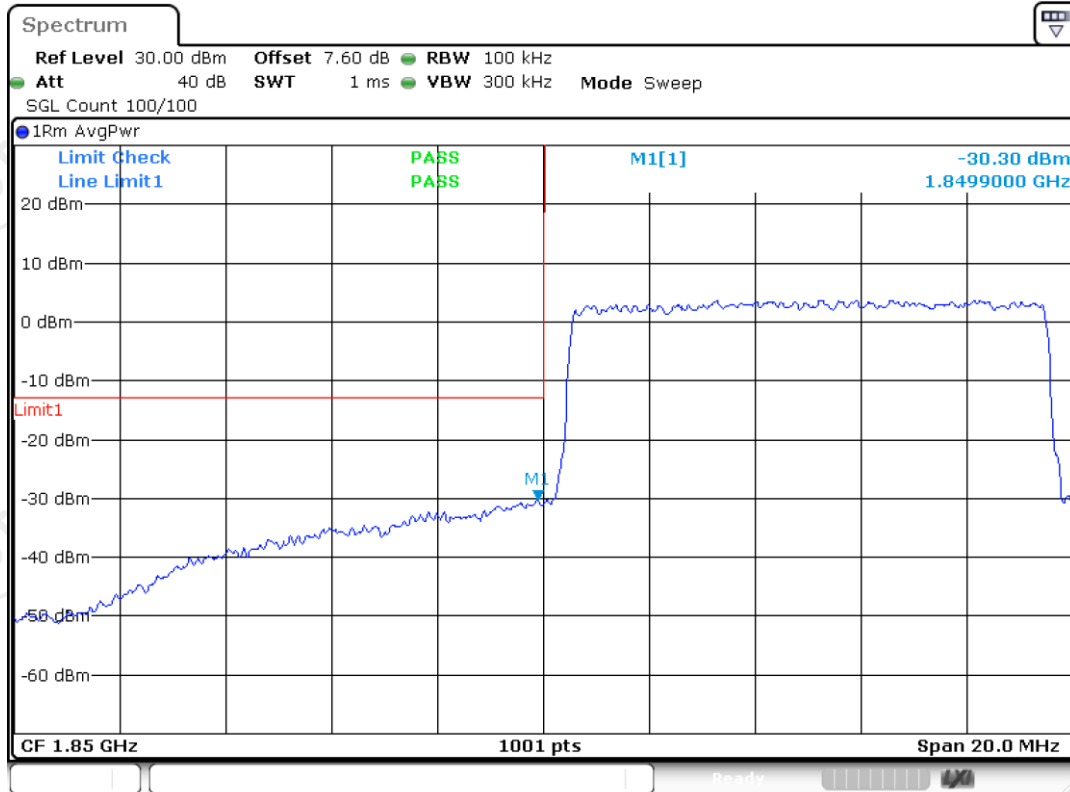
Date: 27.APR.2023 12:41:01

Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



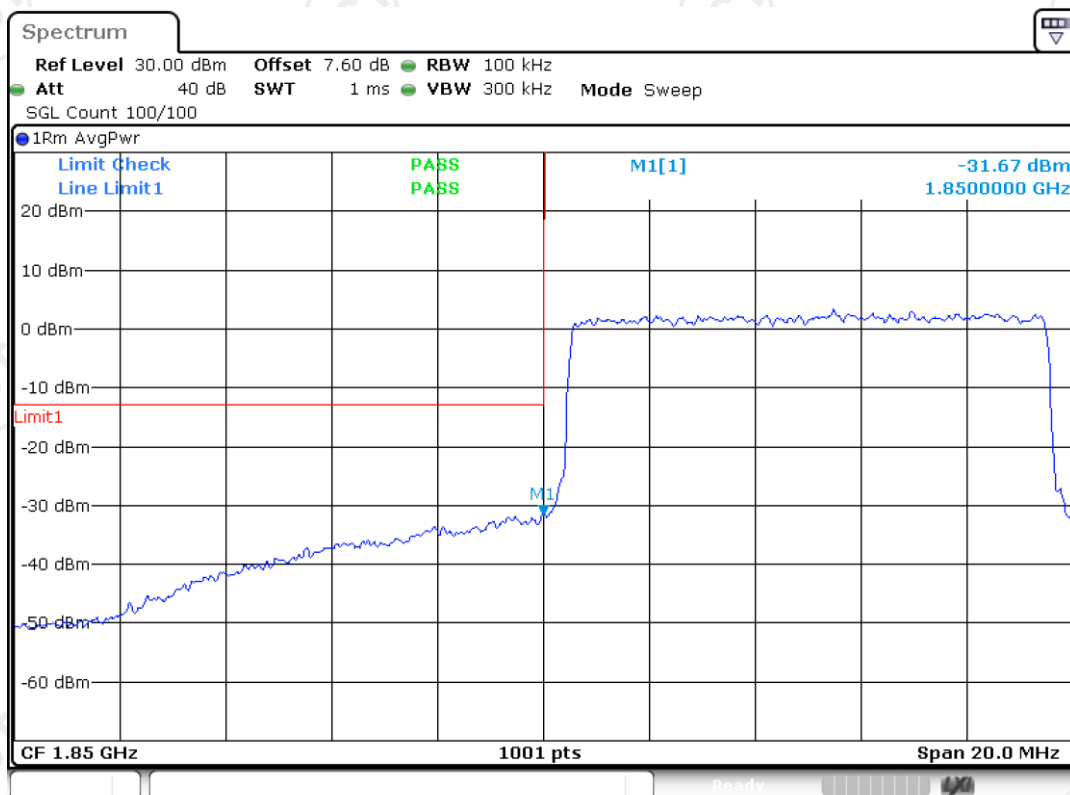
Date: 27.APR.2023 12:41:06

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



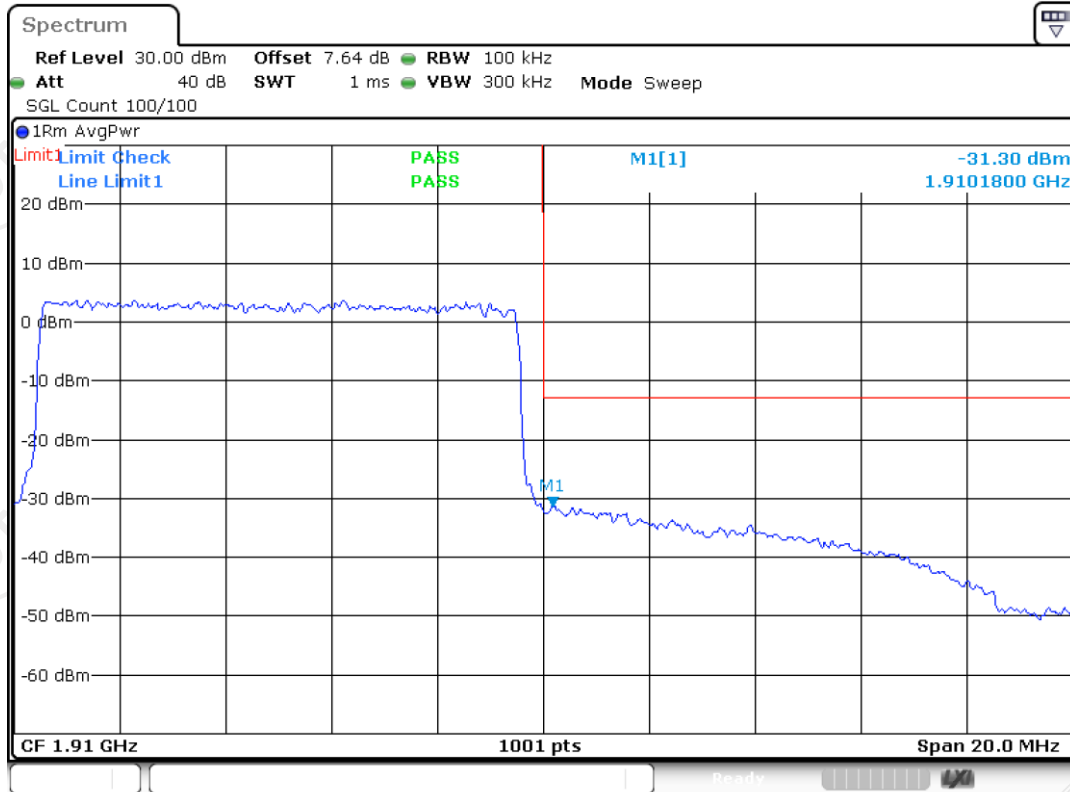
Date: 27.APR.2023 12:41:12

Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



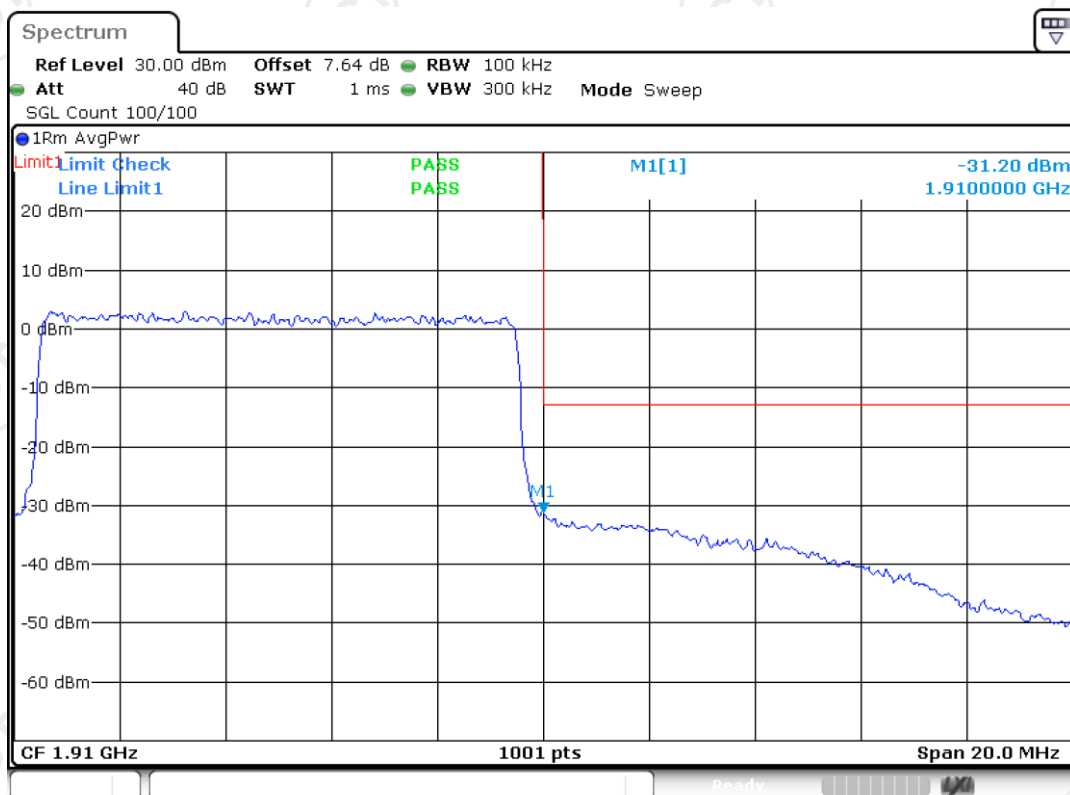
Date: 27.APR.2023 12:41:16

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



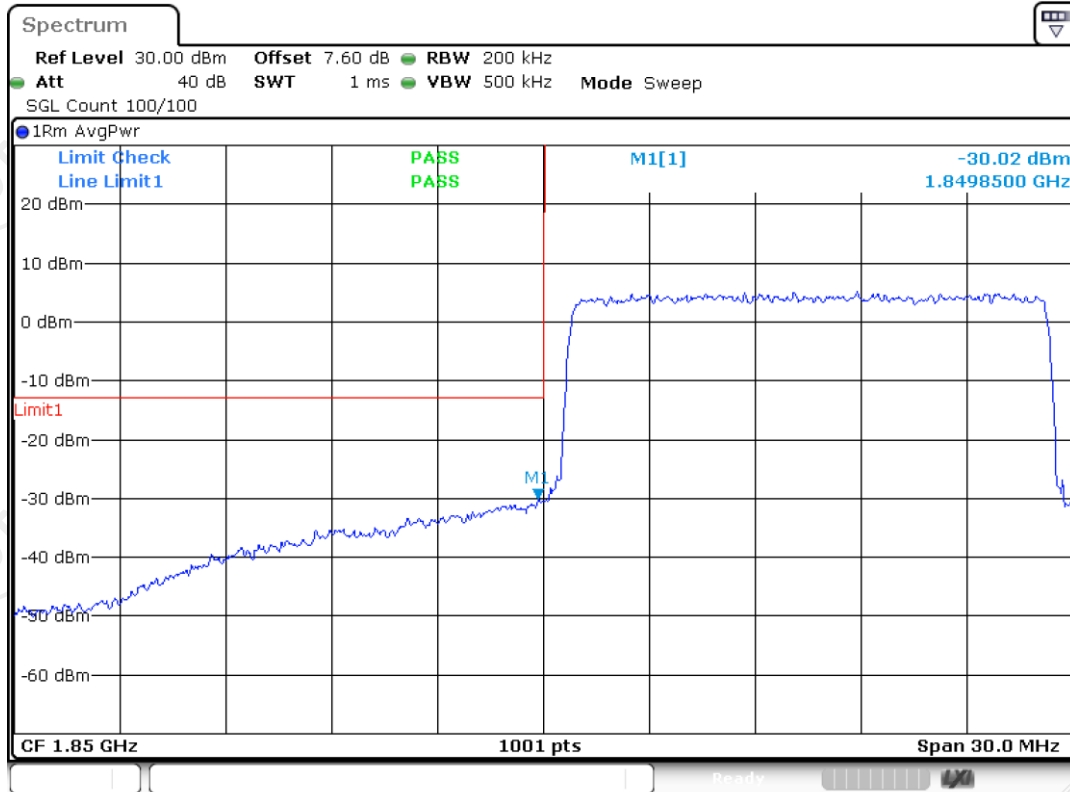
Date: 27.APR.2023 12:41:21

Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

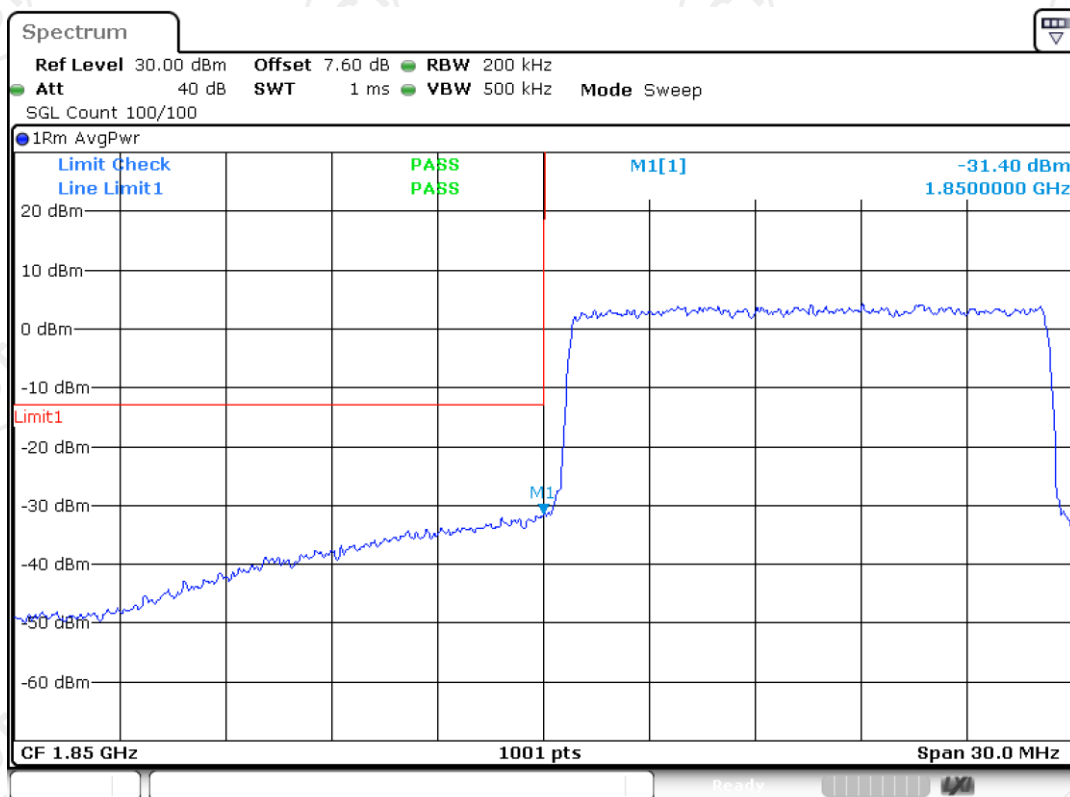


Date: 27.APR.2023 12:41:26

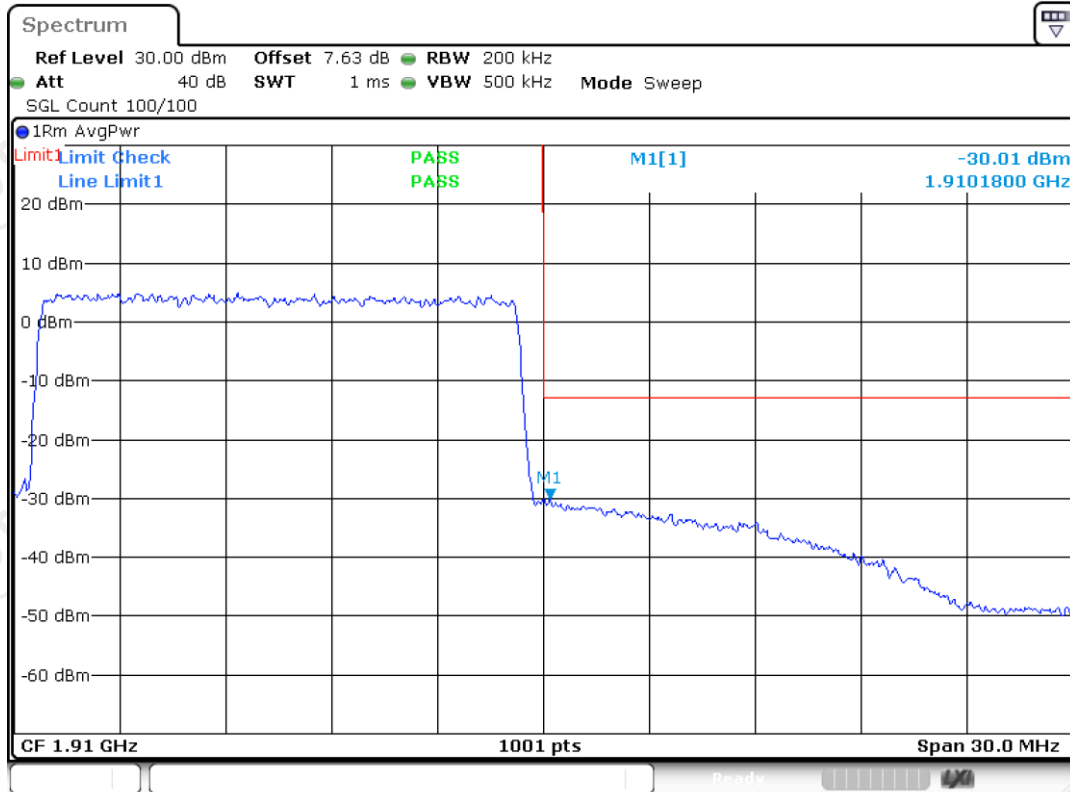
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

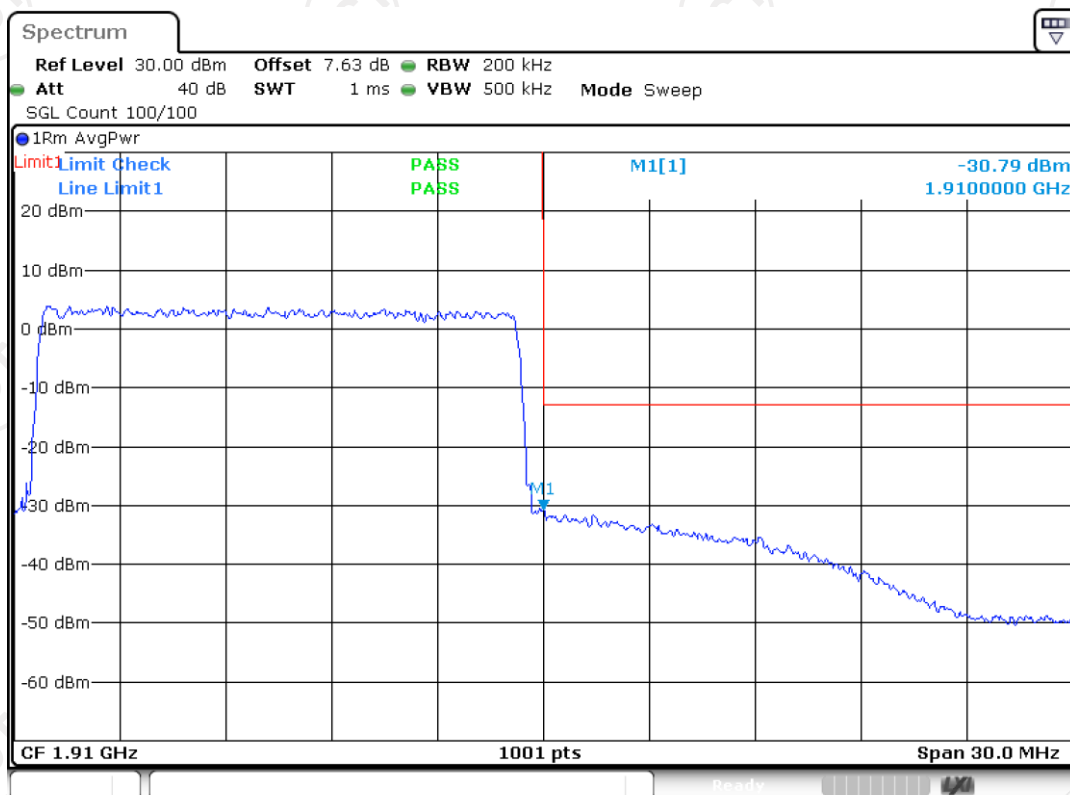


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



Date: 27.APR.2023 12:41:43

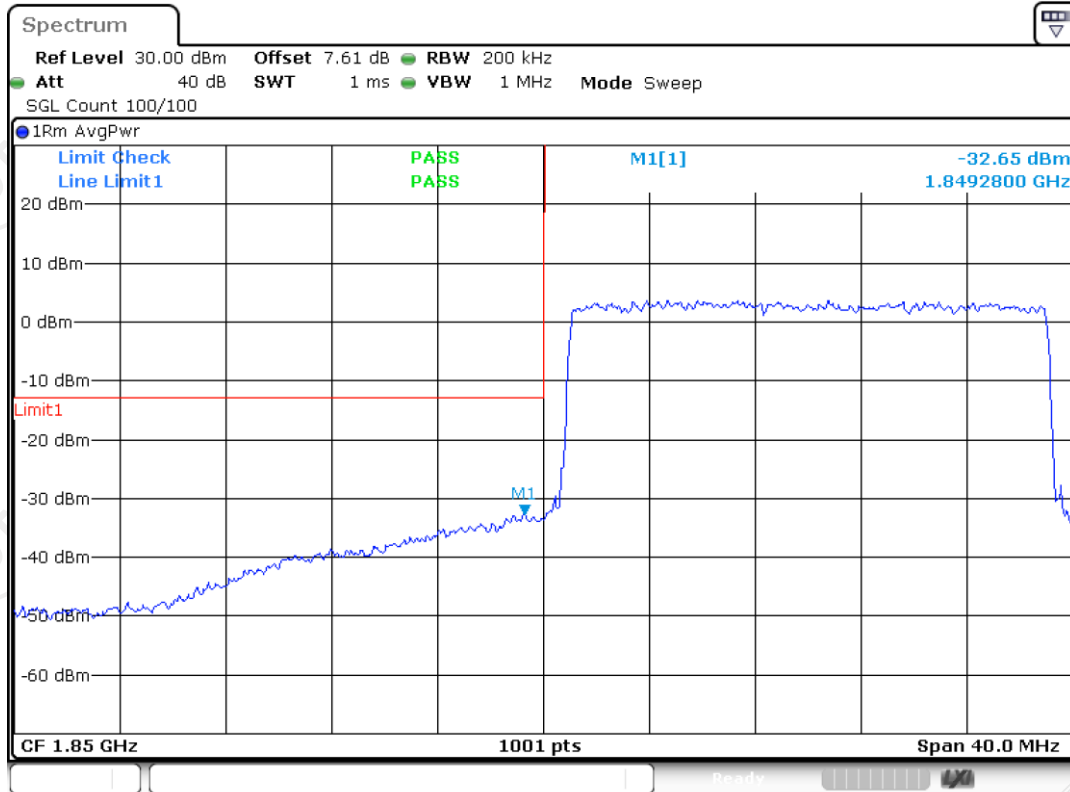
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



Date: 27.APR.2023 12:41:48

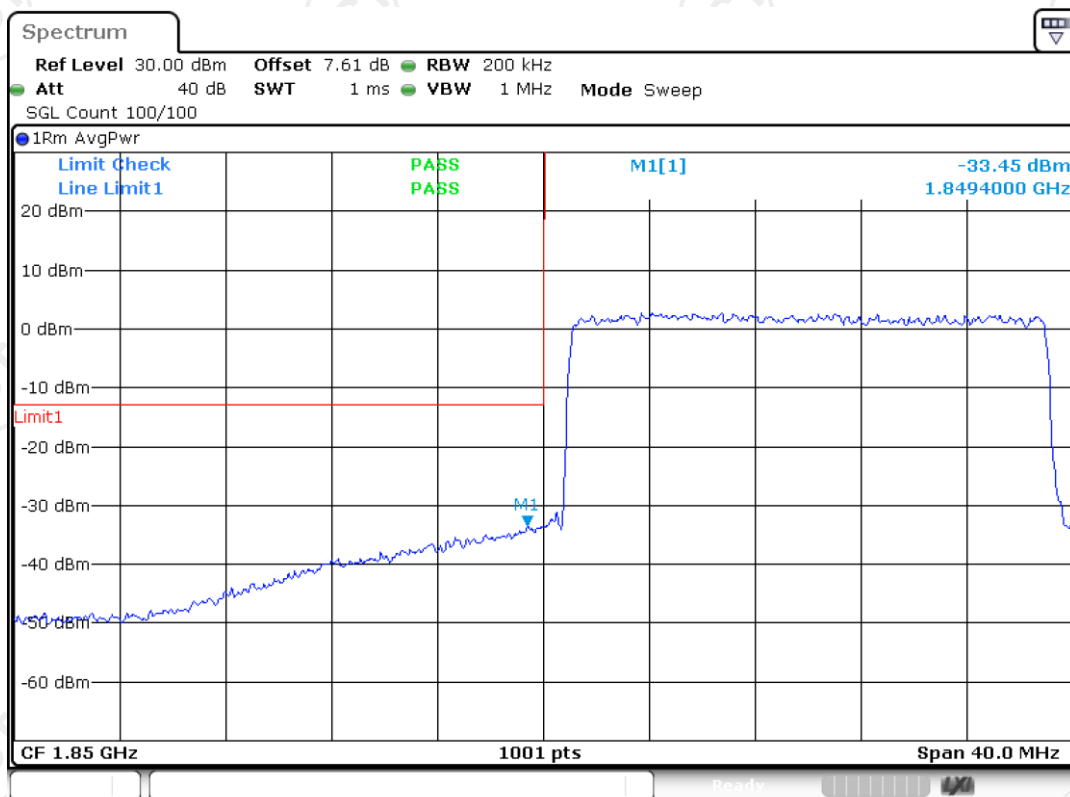
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0





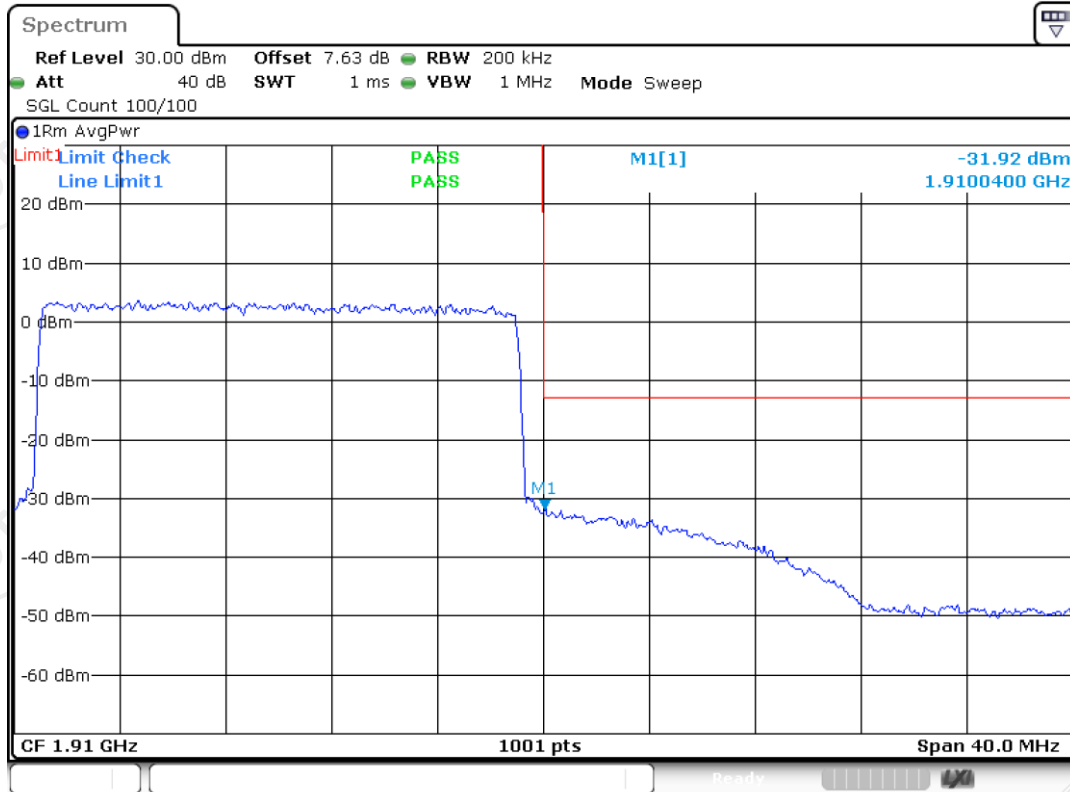
Date: 27.APR.2023 12:41:55

Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



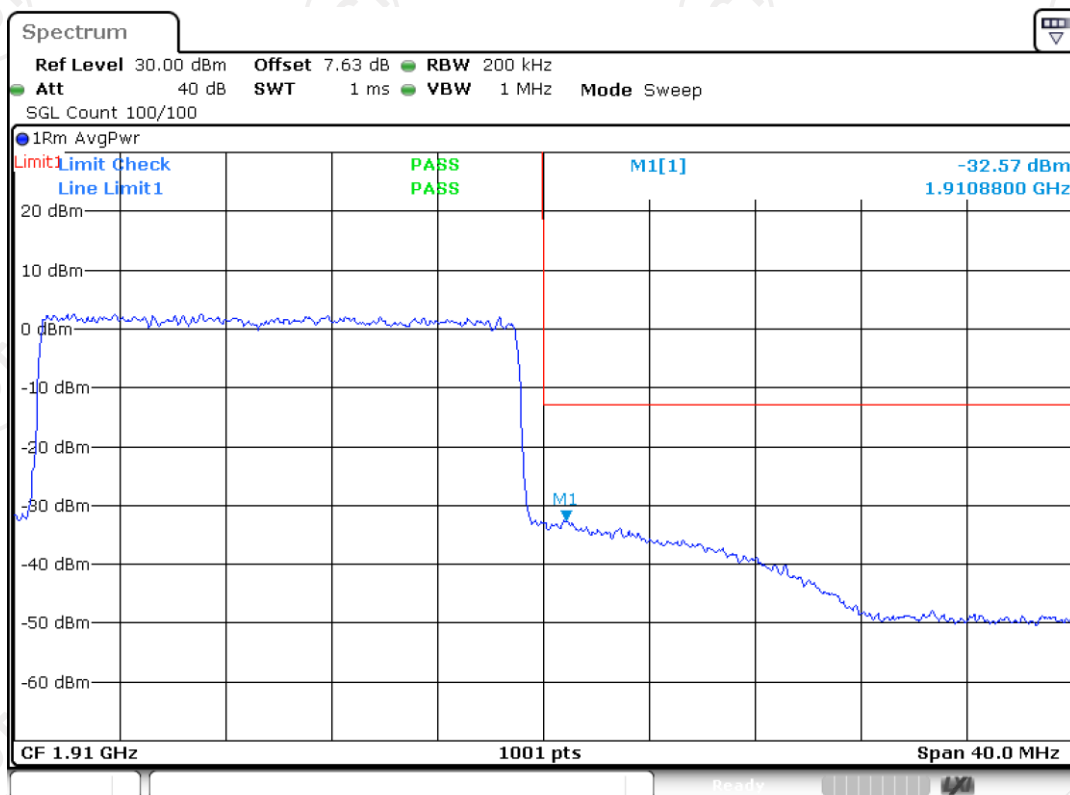
Date: 27.APR.2023 12:42:01

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Date: 27.APR.2023 12:42:07

Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

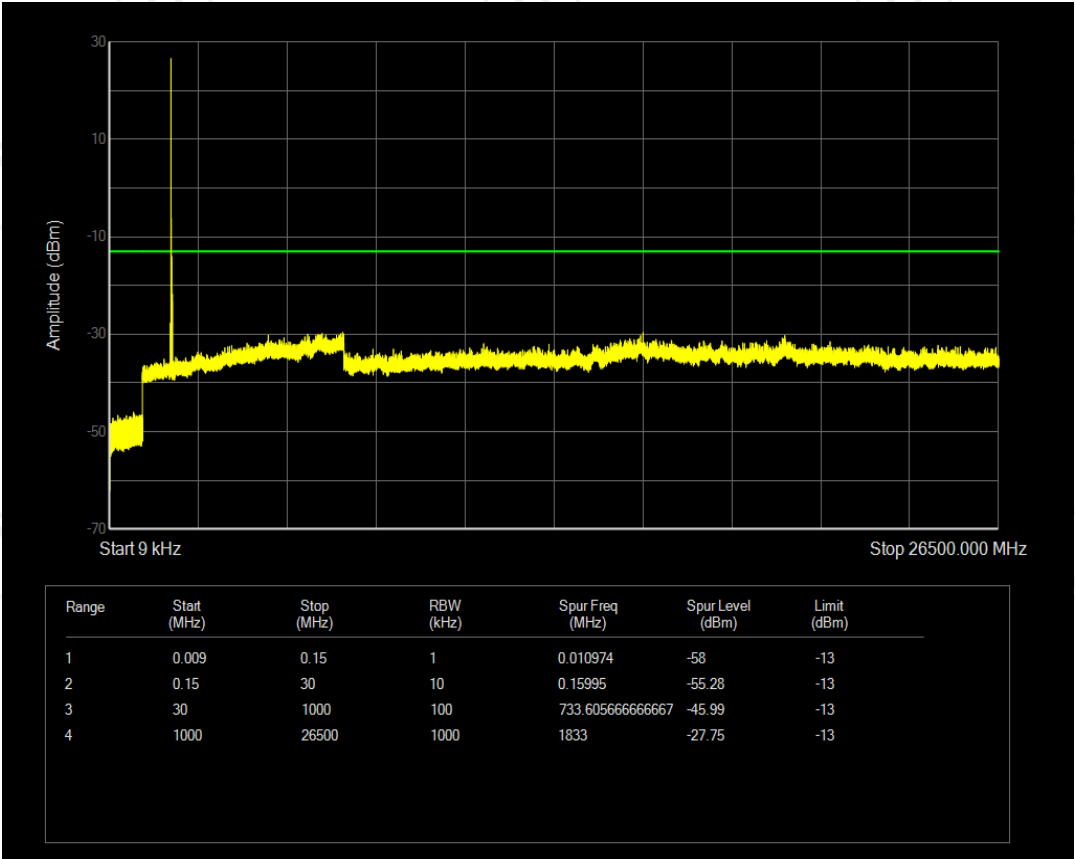


Date: 27.APR.2023 12:42:12

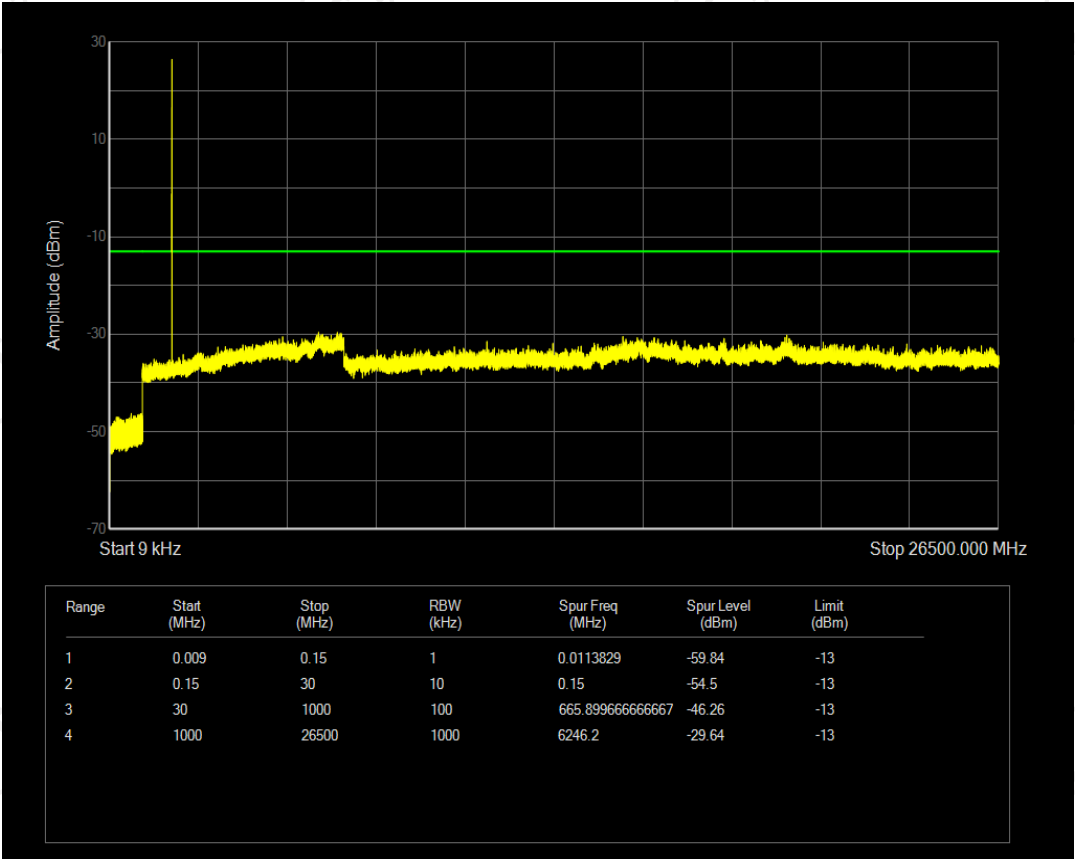
## 6 Out-of-band emissions

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band2 | 1.4                | 18607         | 1          | #0             | QPSK       | 1833.00            | -27.75              | -13            | PASS    |
| Band2 | 1.4                | 18607         | 1          | #0             | 16QAM      | 6603.20            | -29.43              | -13            | PASS    |
| Band2 | 1.4                | 18900         | 1          | #0             | QPSK       | 6246.20            | -29.64              | -13            | PASS    |
| Band2 | 1.4                | 18900         | 1          | #0             | 16QAM      | 6926.20            | -29.57              | -13            | PASS    |
| Band2 | 1.4                | 19193         | 1          | #0             | QPSK       | 6508.00            | -29.21              | -13            | PASS    |
| Band2 | 1.4                | 19193         | 1          | #0             | 16QAM      | 6549.65            | -29.40              | -13            | PASS    |
| Band2 | 3                  | 18615         | 1          | #0             | QPSK       | 6238.55            | -29.17              | -13            | PASS    |
| Band2 | 3                  | 18615         | 1          | #0             | 16QAM      | 6230.05            | -29.66              | -13            | PASS    |
| Band2 | 3                  | 18900         | 1          | #0             | QPSK       | 6991.65            | -29.39              | -13            | PASS    |
| Band2 | 3                  | 18900         | 1          | #0             | 16QAM      | 6954.25            | -29.60              | -13            | PASS    |
| Band2 | 3                  | 19185         | 1          | #0             | QPSK       | 6852.25            | -29.33              | -13            | PASS    |
| Band2 | 3                  | 19185         | 1          | #0             | 16QAM      | 6146.75            | -29.67              | -13            | PASS    |
| Band2 | 5                  | 18625         | 1          | #0             | QPSK       | 6334.60            | -29.15              | -13            | PASS    |
| Band2 | 5                  | 18625         | 1          | #0             | 16QAM      | 6207.10            | -29.34              | -13            | PASS    |
| Band2 | 5                  | 18900         | 1          | #0             | QPSK       | 6281.90            | -29.21              | -13            | PASS    |
| Band2 | 5                  | 18900         | 1          | #0             | 16QAM      | 6276.80            | -29.23              | -13            | PASS    |
| Band2 | 5                  | 19175         | 1          | #0             | QPSK       | 6530.95            | -28.91              | -13            | PASS    |
| Band2 | 5                  | 19175         | 1          | #0             | 16QAM      | 6995.90            | -29.20              | -13            | PASS    |
| Band2 | 10                 | 18650         | 1          | #0             | QPSK       | 6267.45            | -29.48              | -13            | PASS    |
| Band2 | 10                 | 18650         | 1          | #0             | 16QAM      | 6999.30            | -29.42              | -13            | PASS    |
| Band2 | 10                 | 18900         | 1          | #0             | QPSK       | 6903.25            | -28.68              | -13            | PASS    |
| Band2 | 10                 | 18900         | 1          | #0             | 16QAM      | 6965.30            | -29.39              | -13            | PASS    |
| Band2 | 10                 | 19150         | 1          | #0             | QPSK       | 6948.30            | -29.99              | -13            | PASS    |
| Band2 | 10                 | 19150         | 1          | #0             | 16QAM      | 20088.45           | -29.33              | -13            | PASS    |
| Band2 | 15                 | 18675         | 1          | #0             | QPSK       | 6891.35            | -29.40              | -13            | PASS    |
| Band2 | 15                 | 18675         | 1          | #0             | 16QAM      | 6997.60            | -29.33              | -13            | PASS    |
| Band2 | 15                 | 18900         | 1          | #0             | QPSK       | 6187.55            | -29.81              | -13            | PASS    |
| Band2 | 15                 | 18900         | 1          | #0             | 16QAM      | 6908.35            | -29.53              | -13            | PASS    |
| Band2 | 15                 | 19125         | 1          | #0             | QPSK       | 6755.35            | -29.67              | -13            | PASS    |
| Band2 | 15                 | 19125         | 1          | #0             | 16QAM      | 6272.55            | -29.06              | -13            | PASS    |
| Band2 | 20                 | 18700         | 1          | #0             | QPSK       | 6809.75            | -29.43              | -13            | PASS    |
| Band2 | 20                 | 18700         | 1          | #0             | 16QAM      | 6849.70            | -28.77              | -13            | PASS    |
| Band2 | 20                 | 18900         | 1          | #0             | QPSK       | 6137.40            | -29.73              | -13            | PASS    |
| Band2 | 20                 | 18900         | 1          | #0             | 16QAM      | 6225.80            | -29.25              | -13            | PASS    |
| Band2 | 20                 | 19100         | 1          | #0             | QPSK       | 6226.65            | -29.48              | -13            | PASS    |
| Band2 | 20                 | 19100         | 1          | #0             | 16QAM      | 6769.80            | -29.21              | -13            | PASS    |

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0