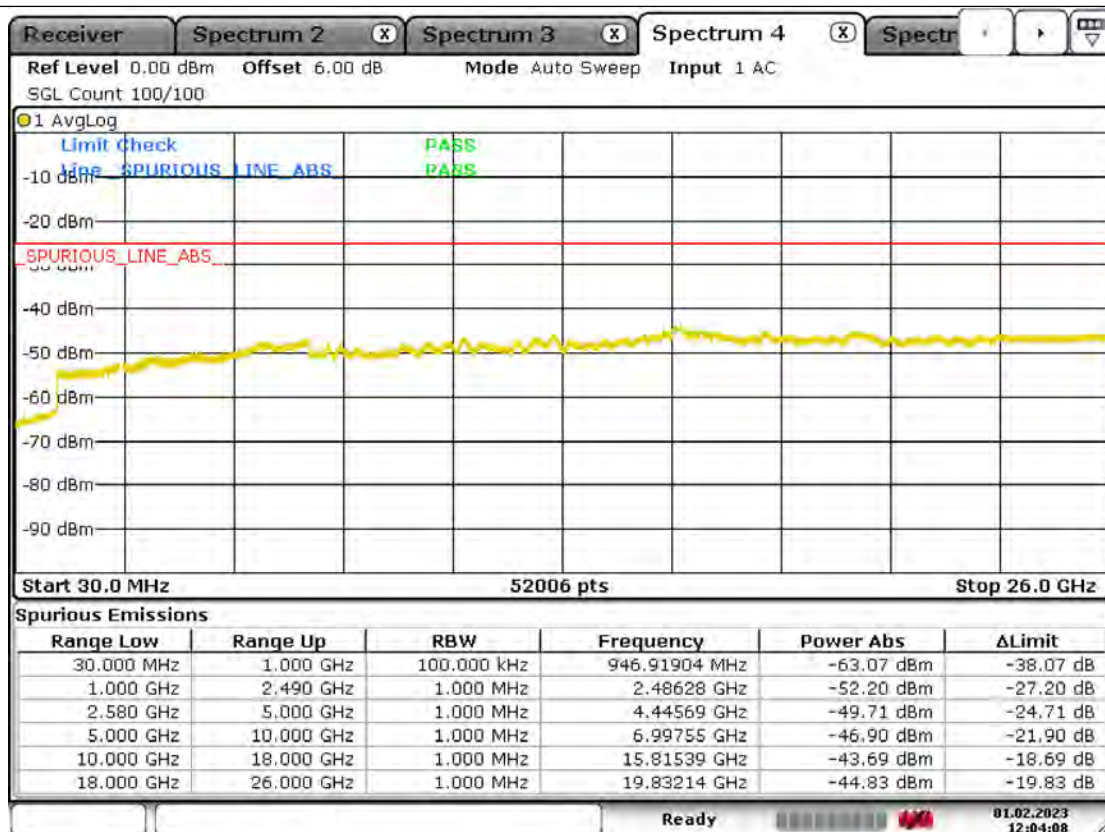




BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



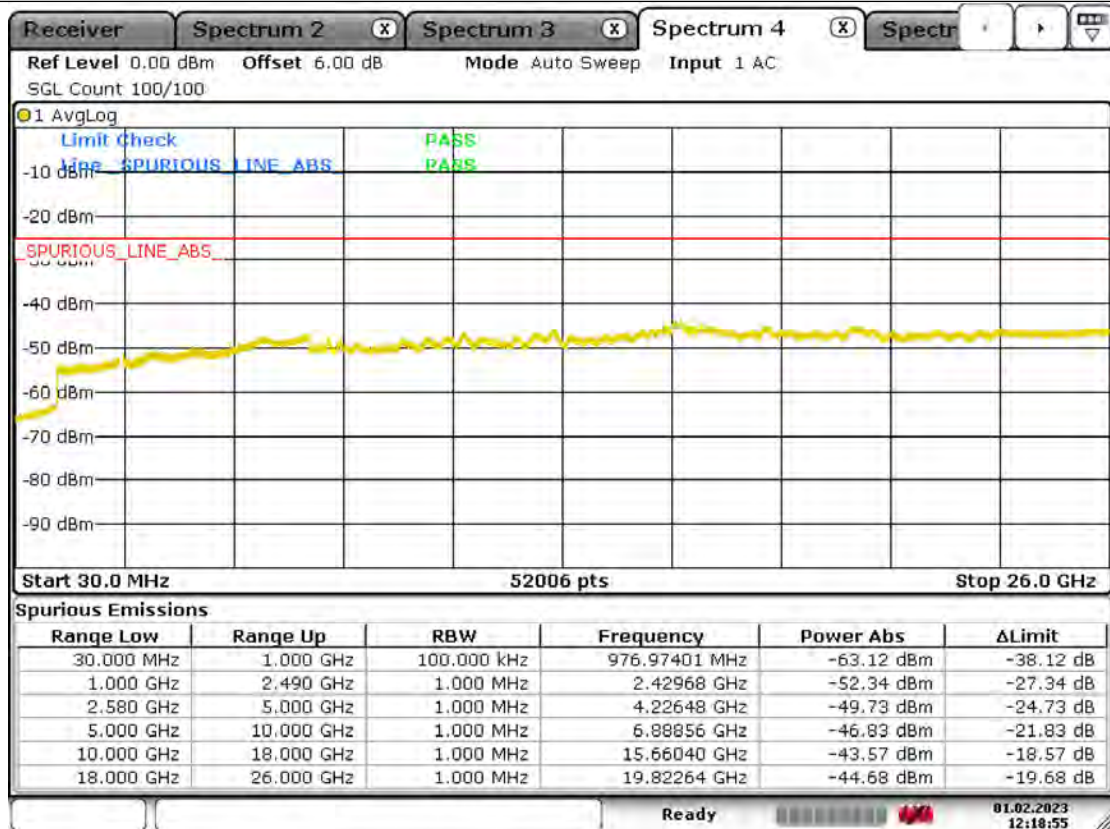
Date: 1.FEB.2023 12:04:08

Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



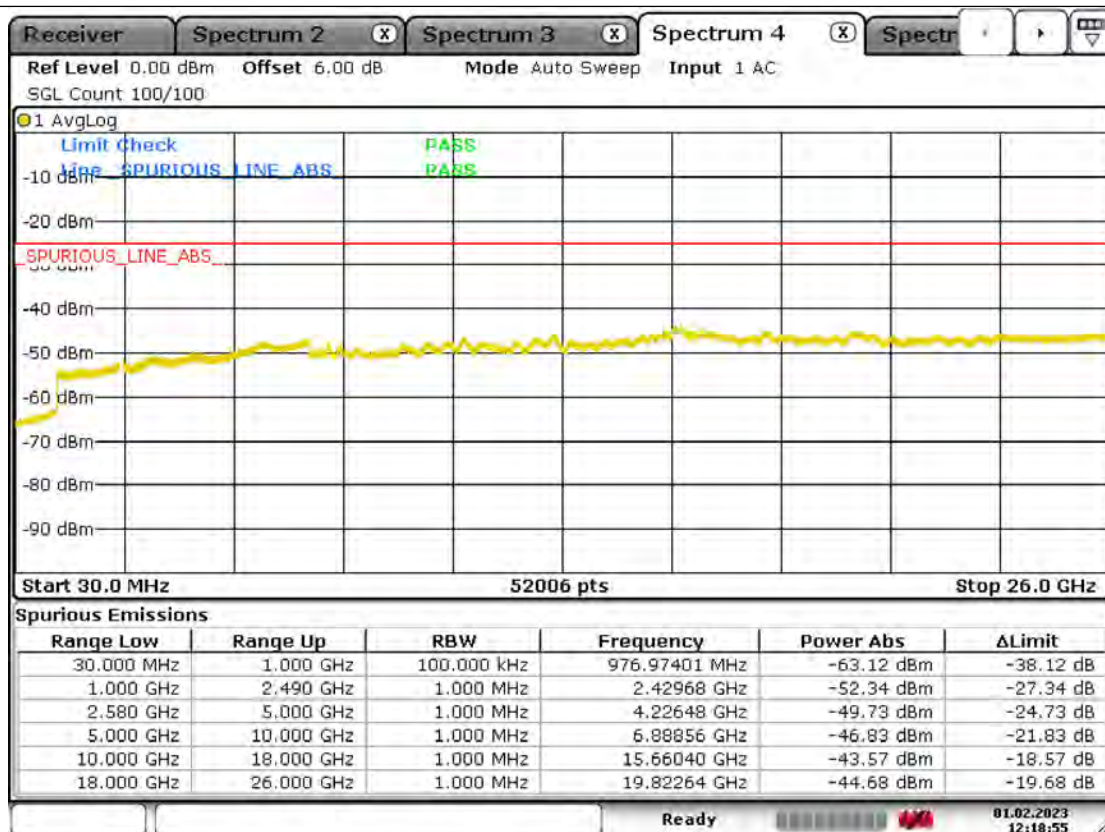
Date: 1.FEB.2023 12:18:55

Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



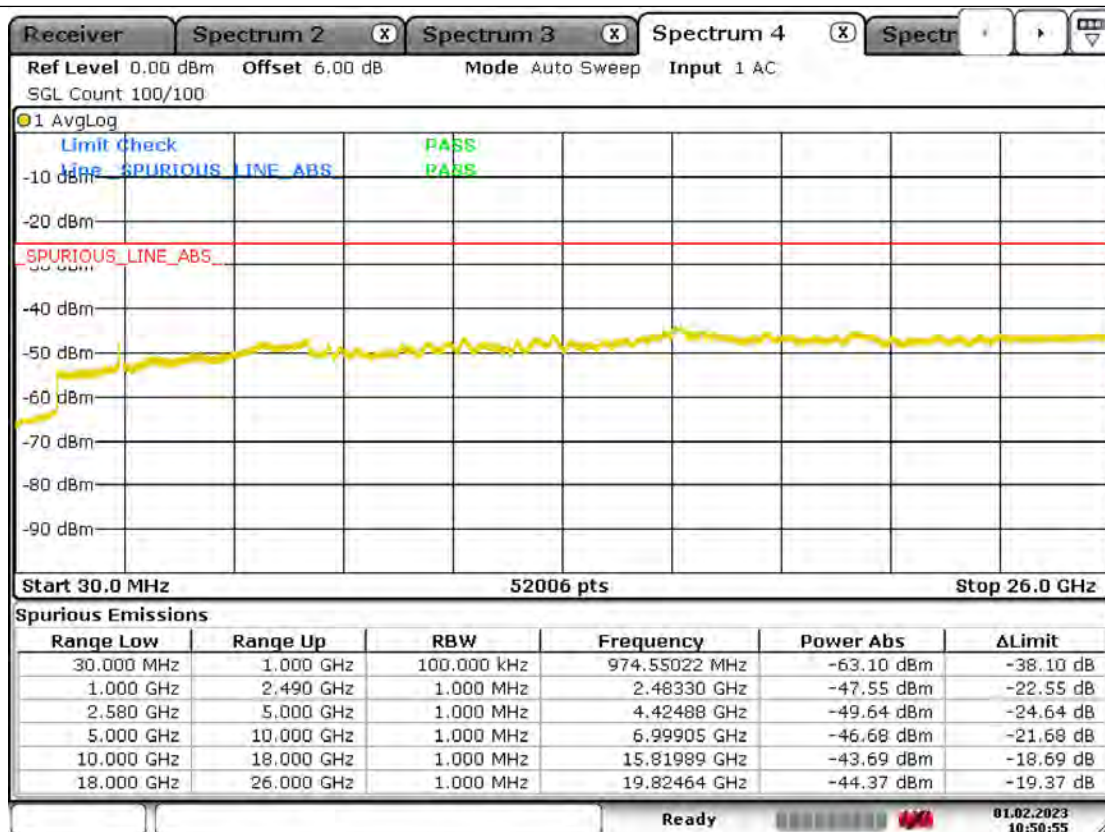
Date: 1.FEB.2023 12:18:55

Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



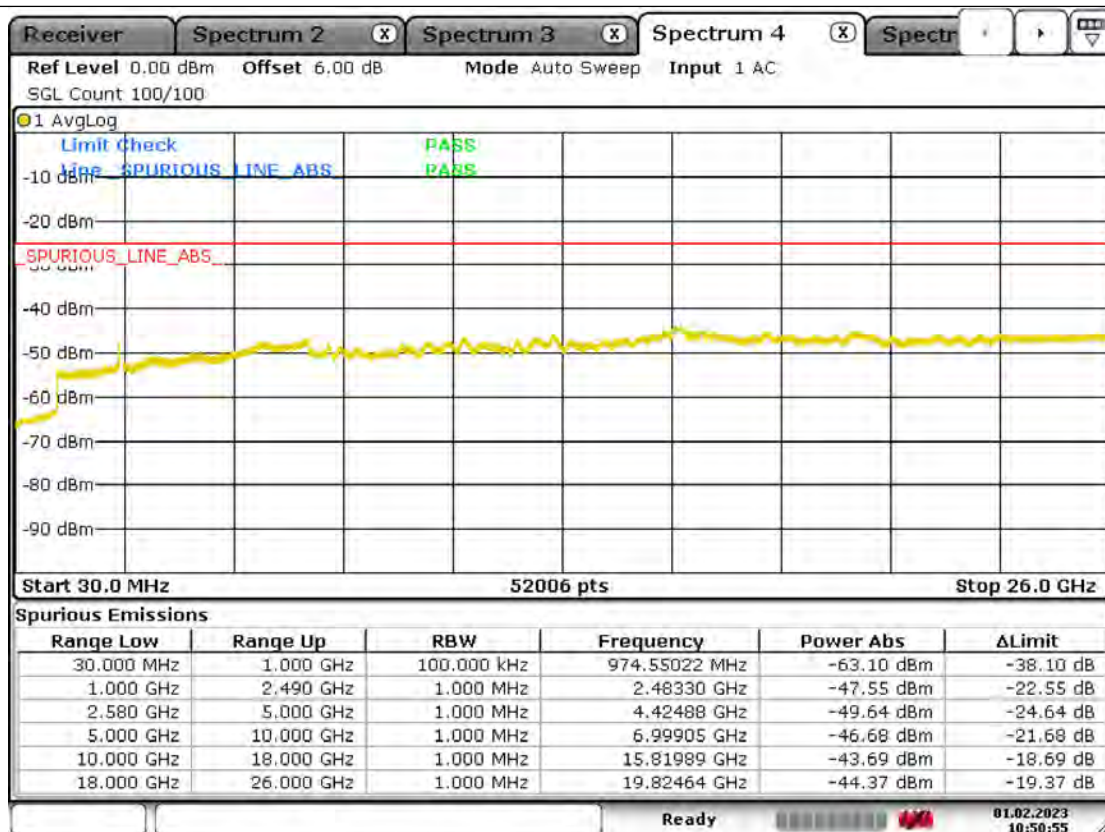
Date: 1.FEB.2023 10:50:55

Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



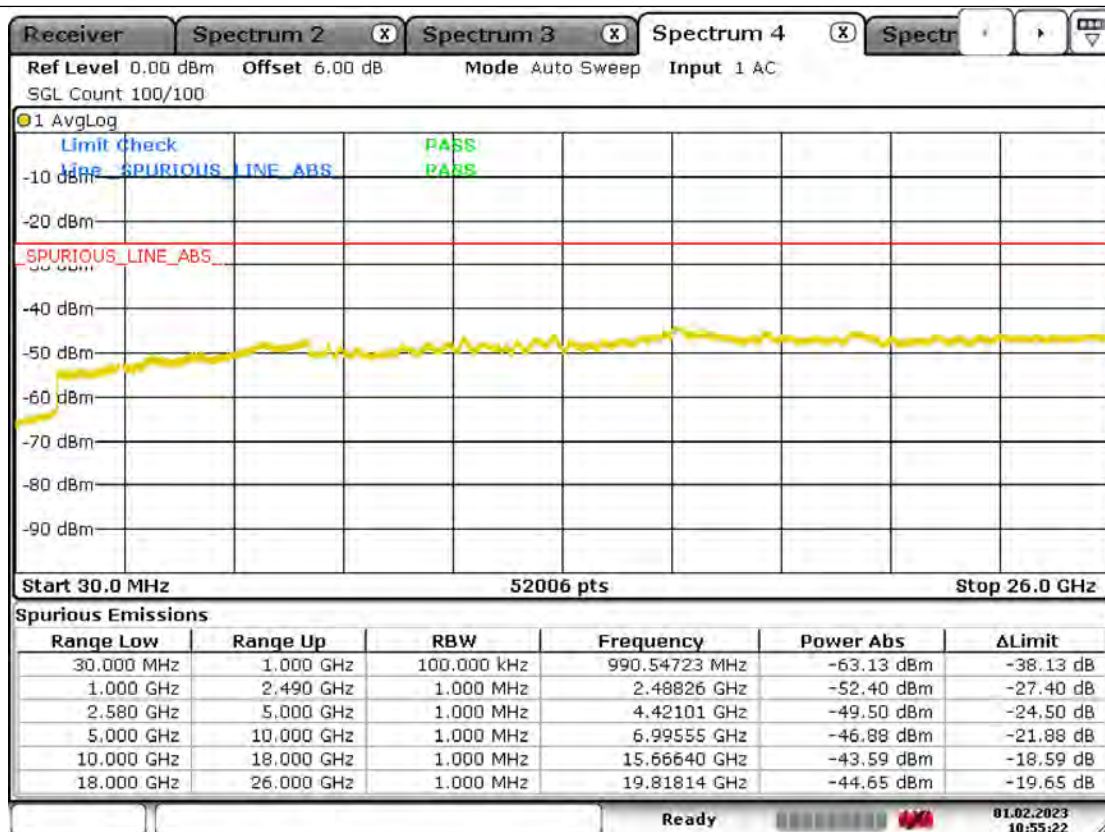
Date: 1.FEB.2023 10:50:55

Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



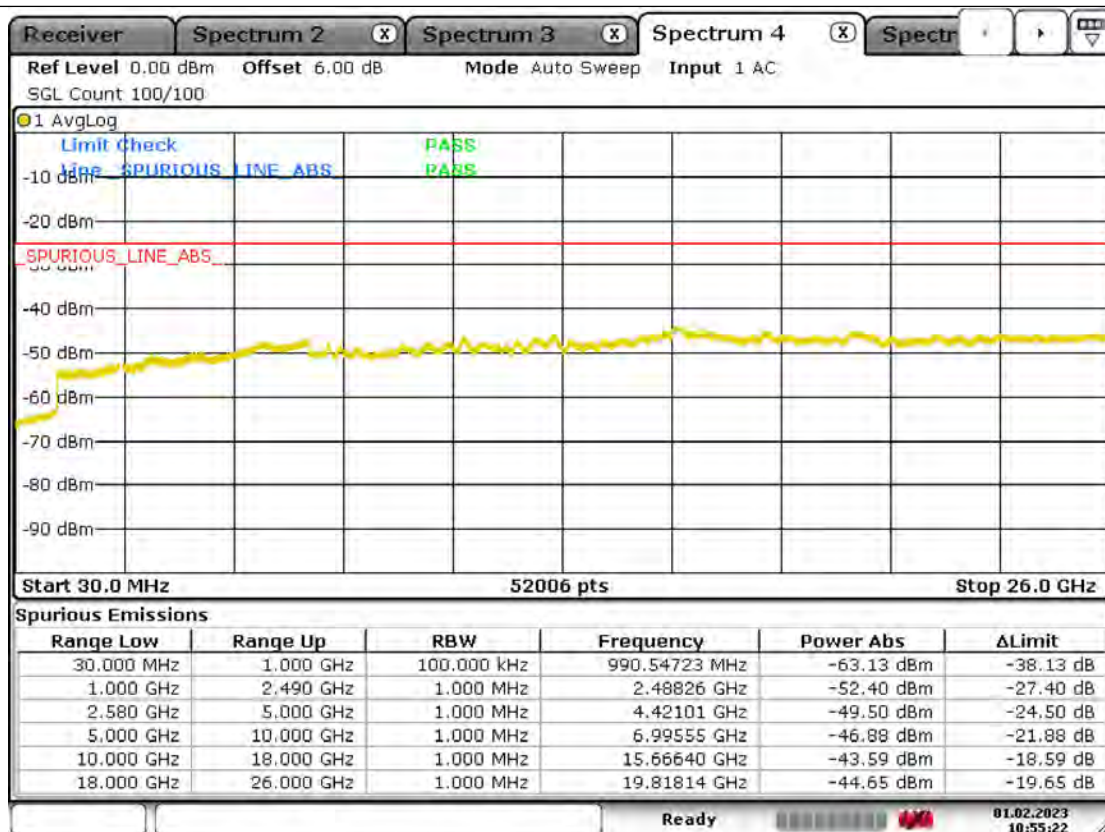
Date: 1.FEB.2023 10:55:22

Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



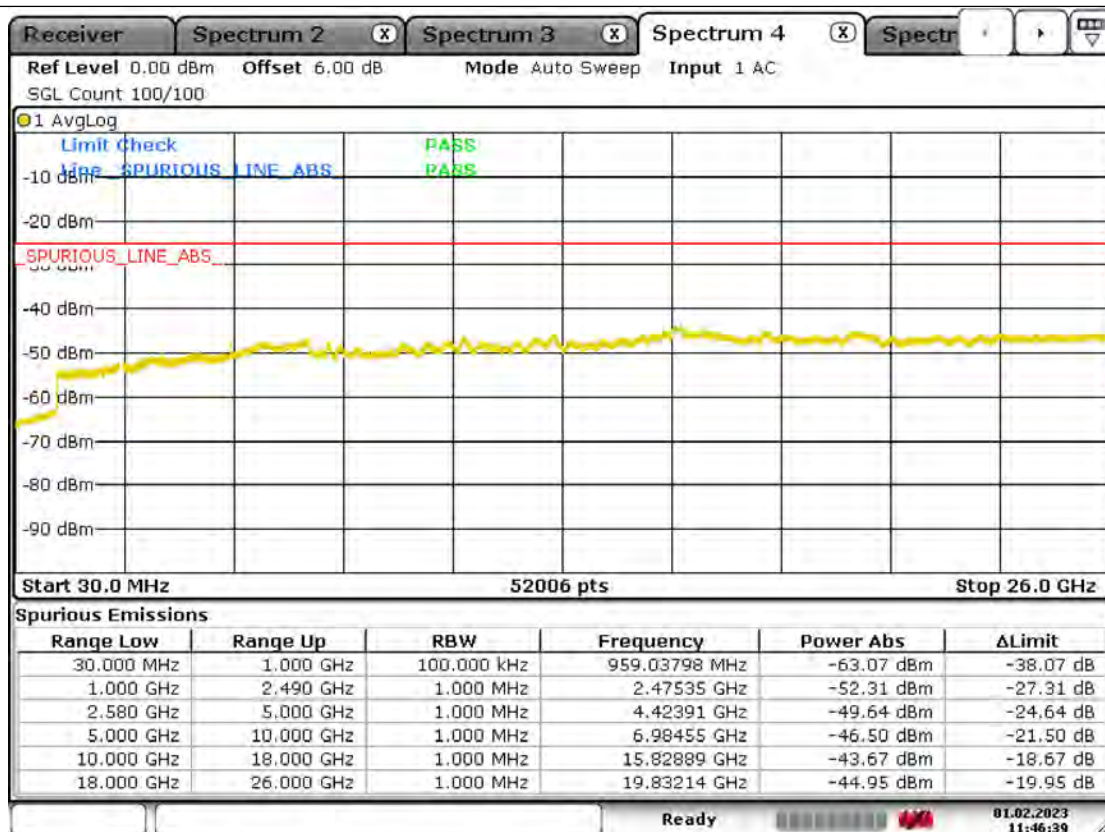
Date: 1.FEB.2023 10:55:22

Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



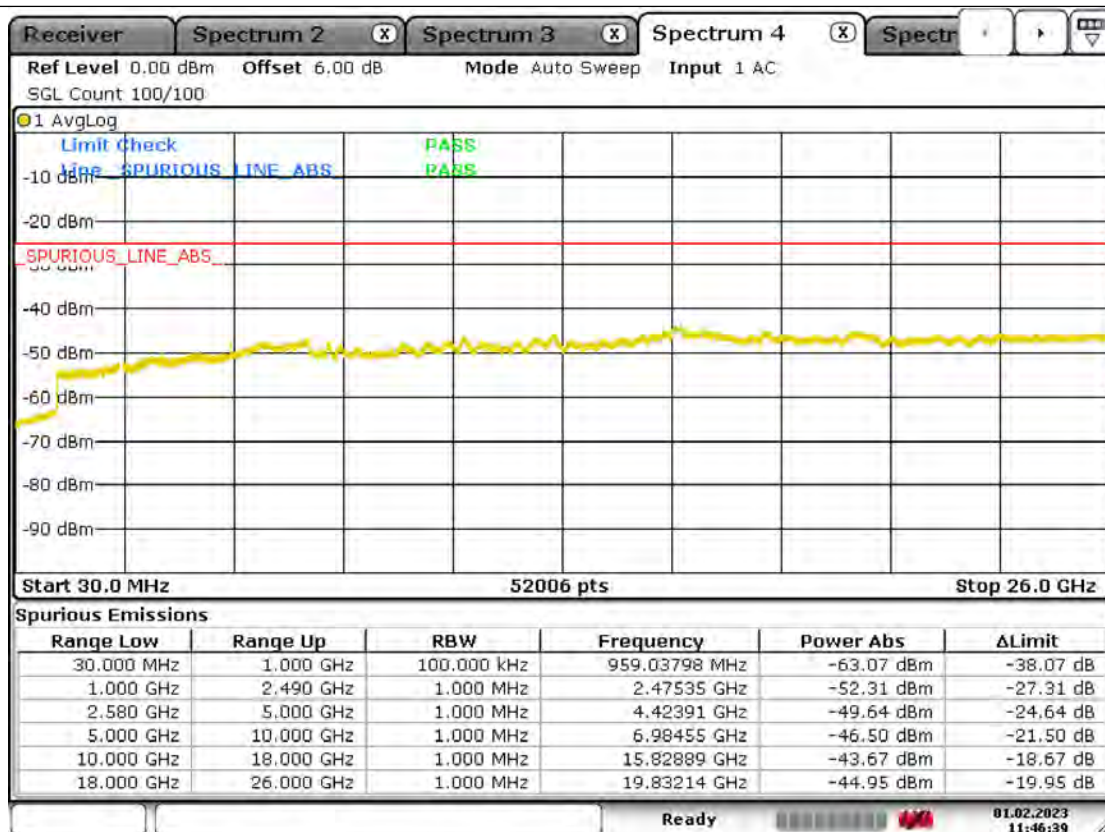
Date: 1.FEB.2023 11:46:39

Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



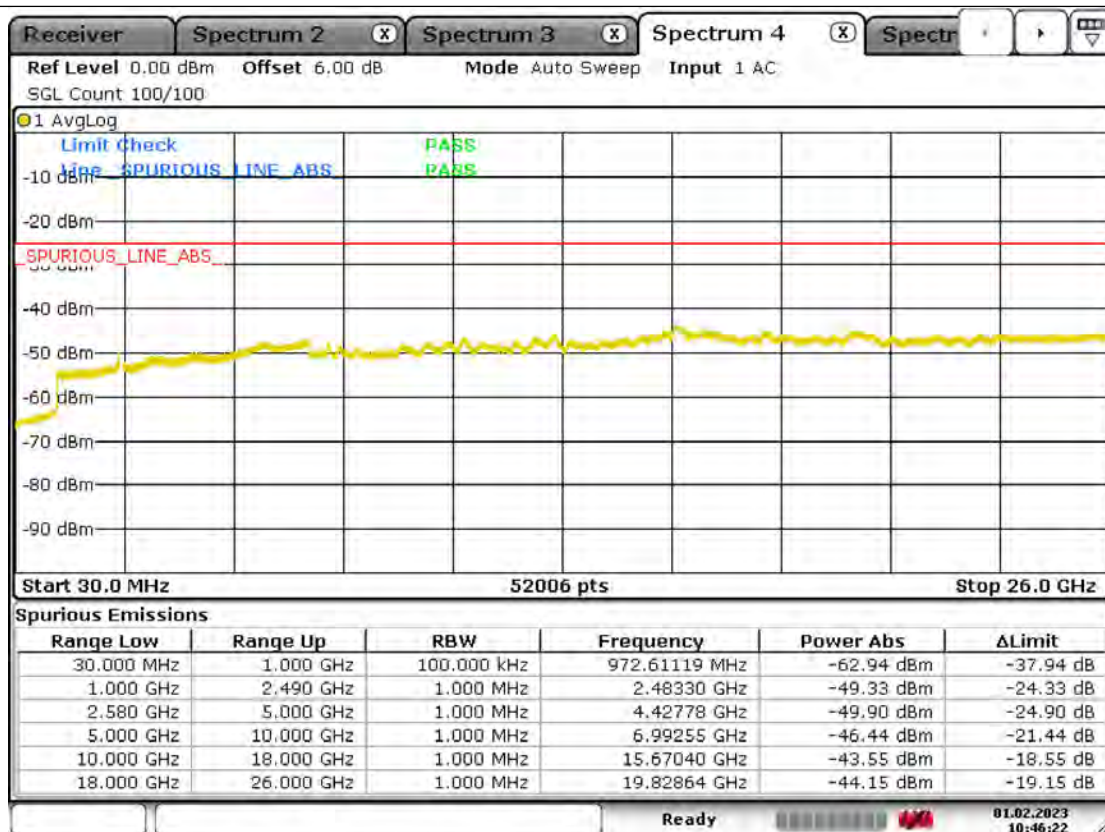
Date: 1.FEB.2023 11:46:39

Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



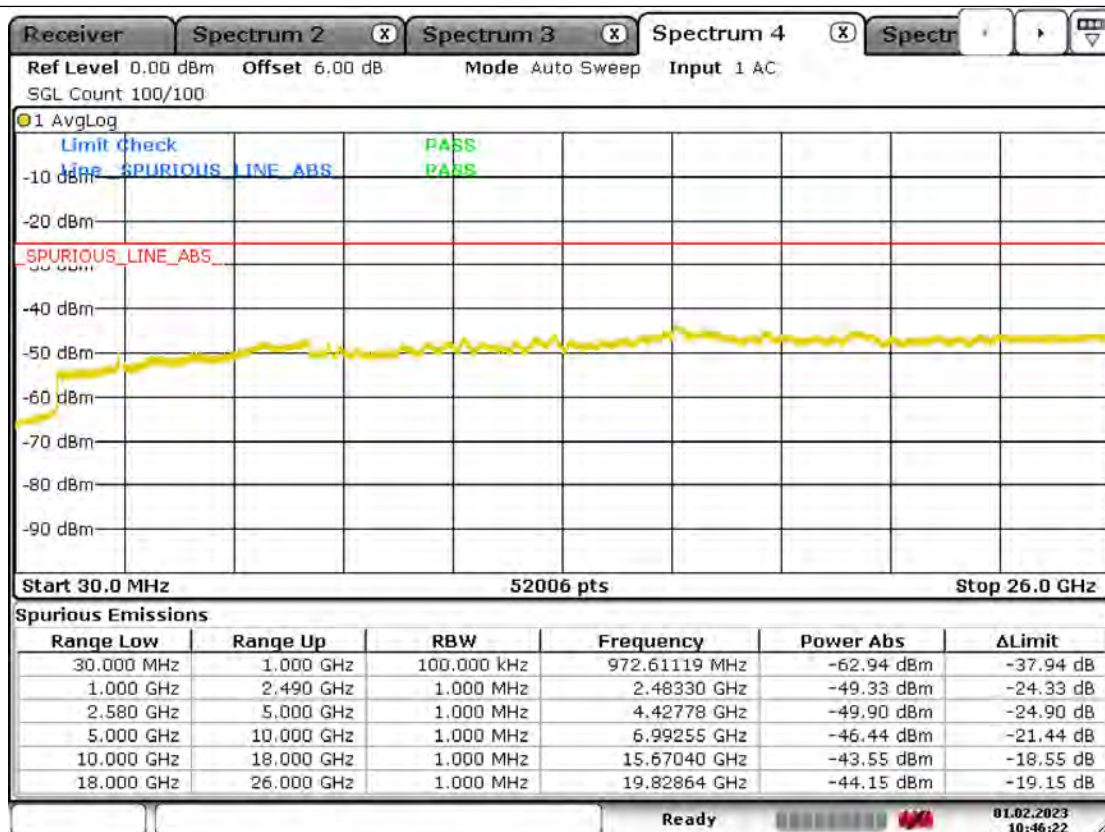
Date: 1.FEB.2023 10:46:22

Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



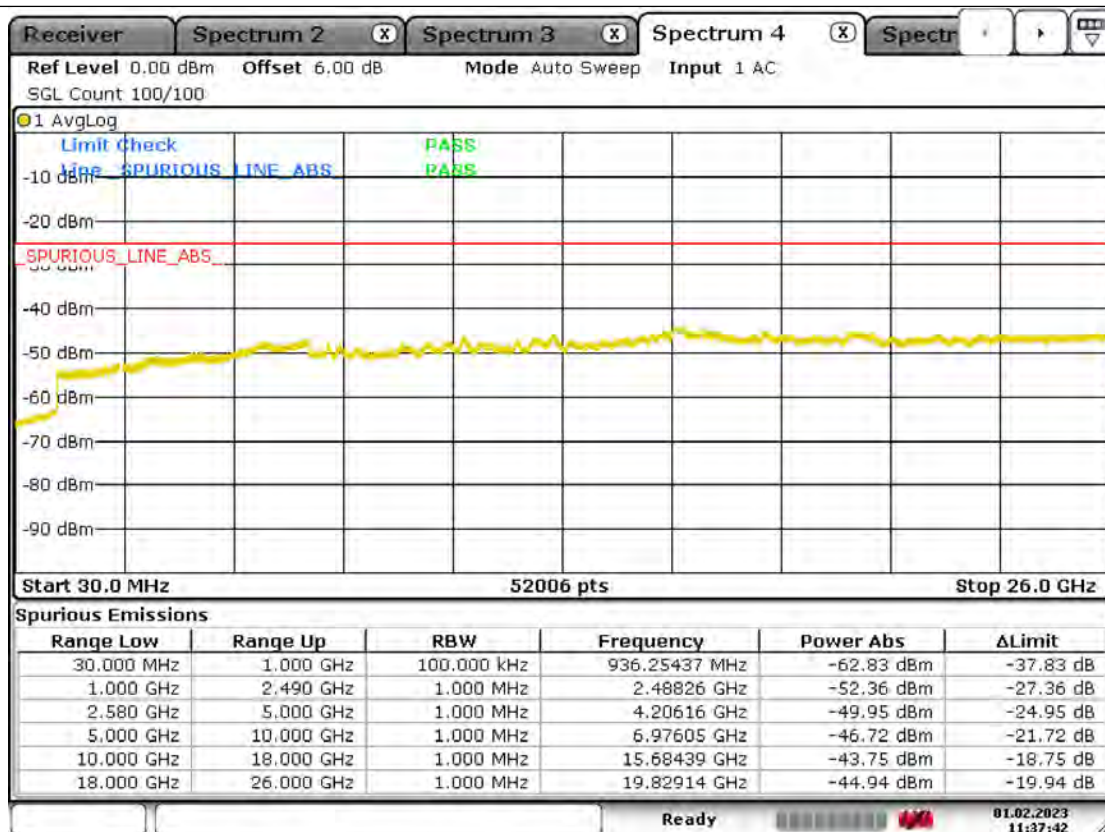
Date: 1.FEB.2023 10:46:22

Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



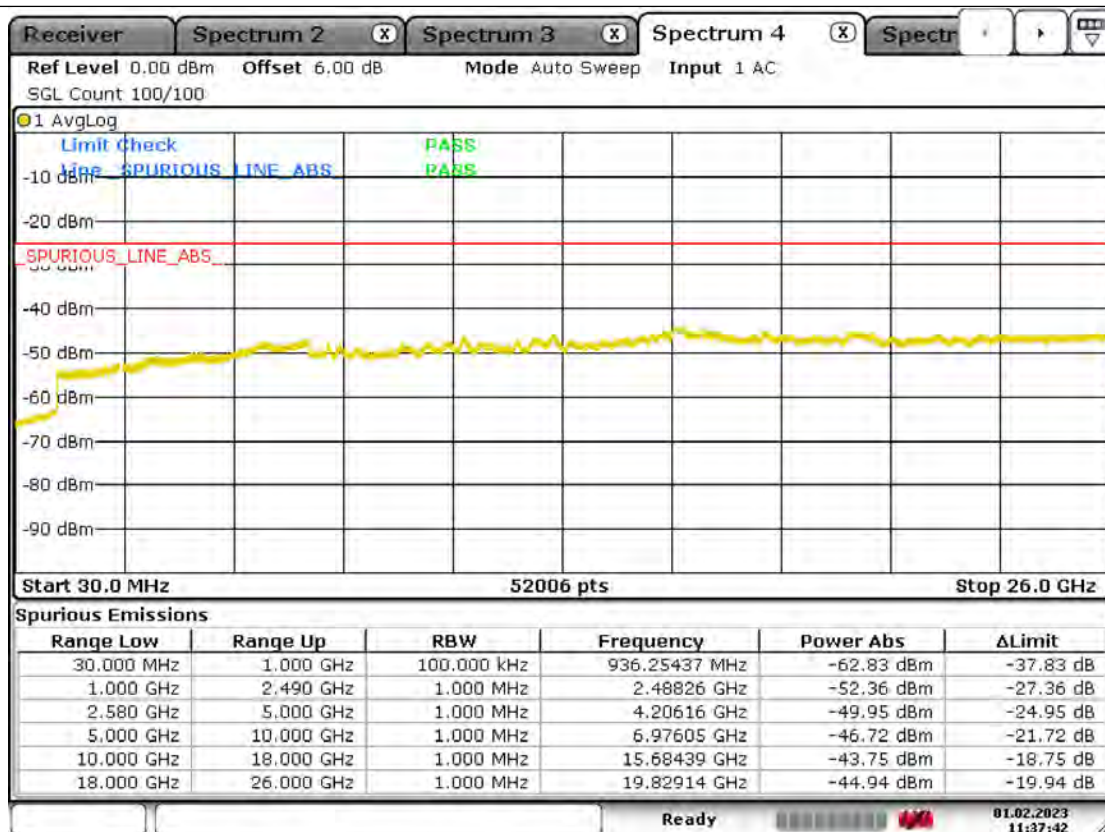
Date: 1.FEB.2023 11:37:42

Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



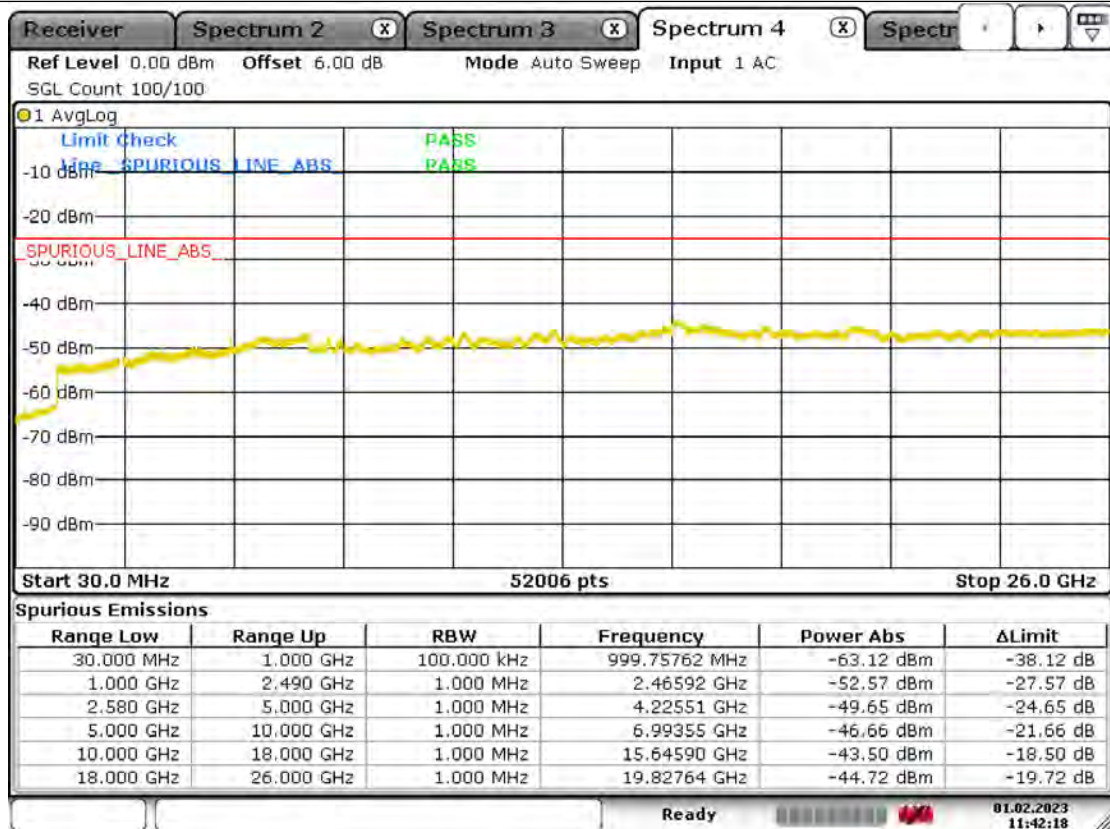
Date: 1.FEB.2023 11:37:42

Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



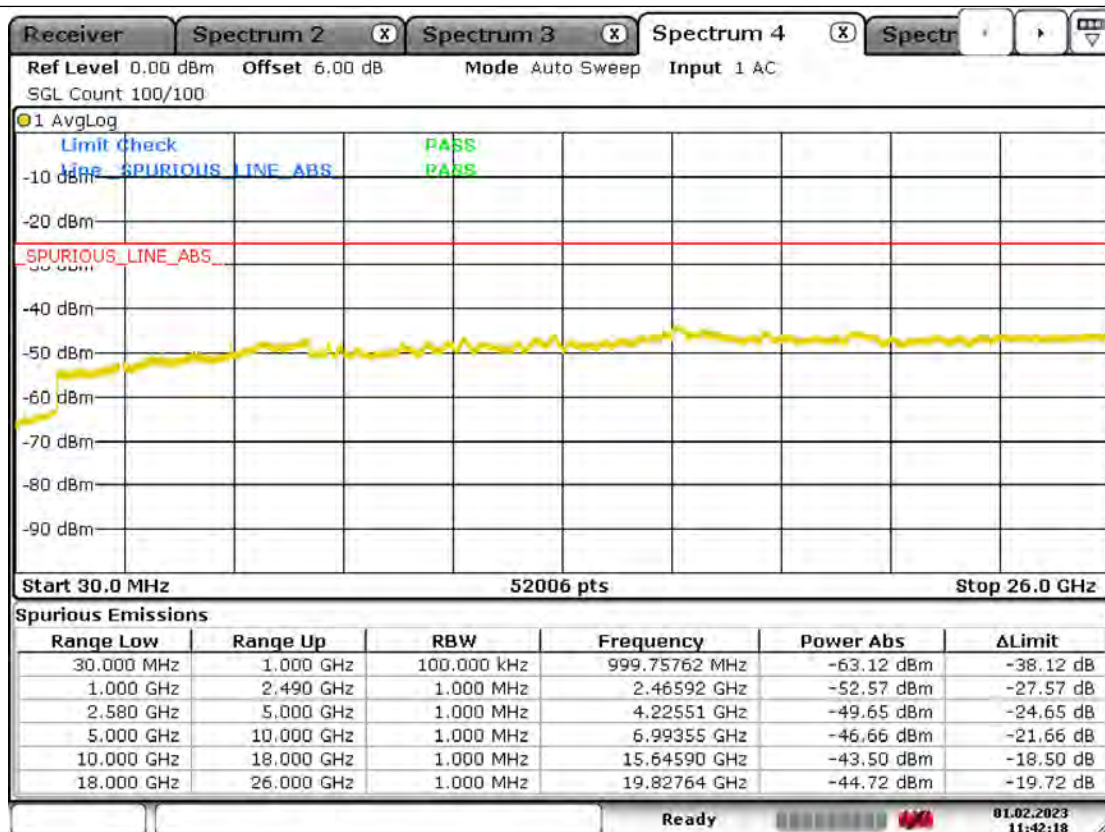
Date: 1.FEB.2023 11:42:16

Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



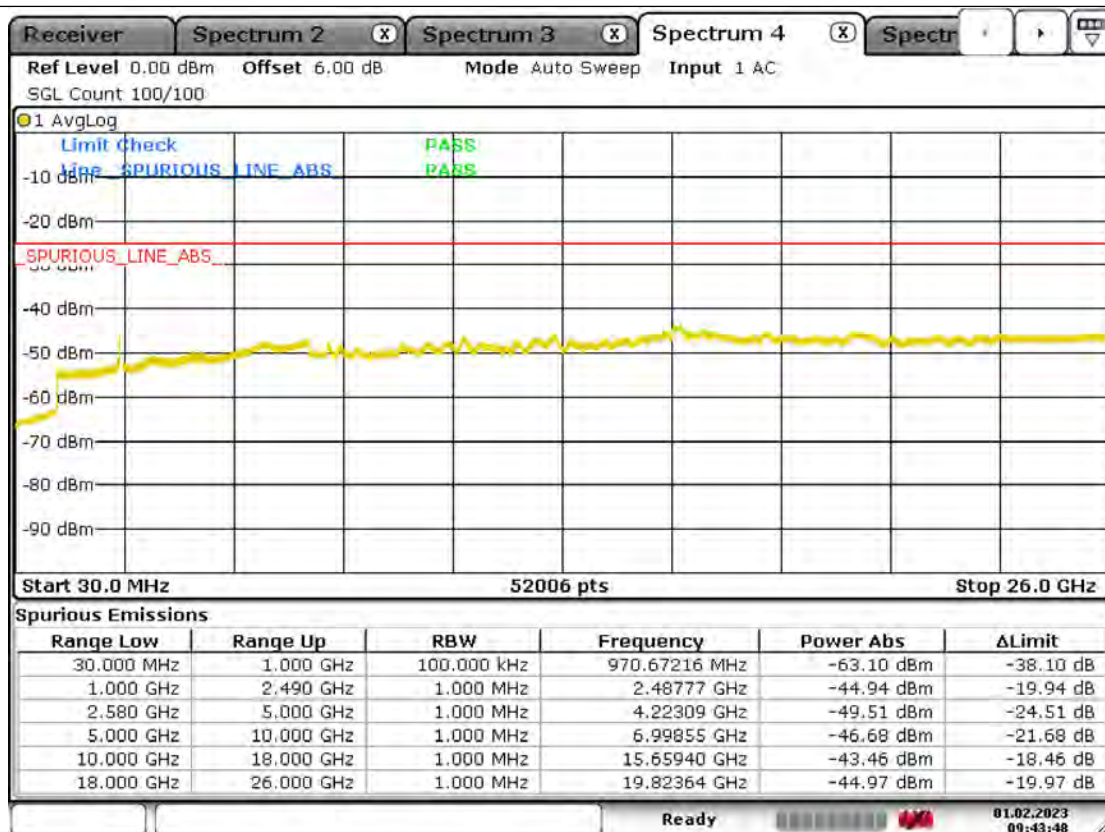
Date: 1.FEB.2023 11:42:18

Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



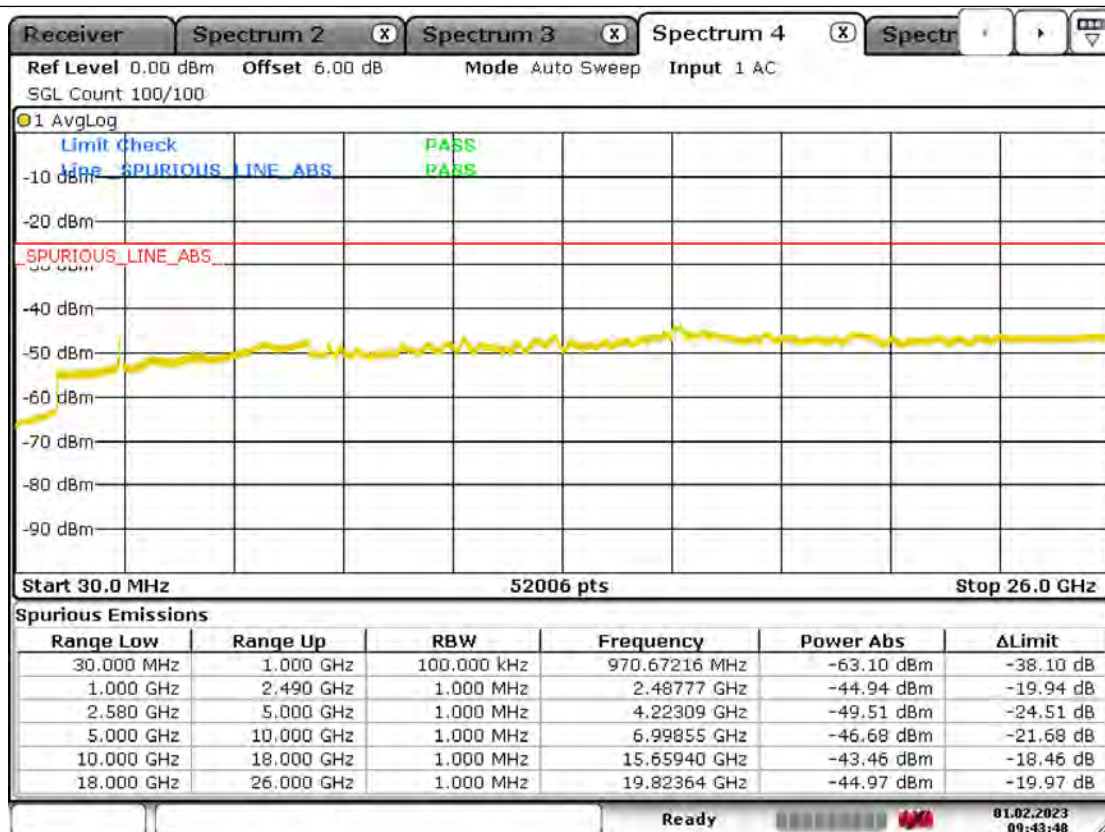
Date: 1.FEB.2023 09:43:48

Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



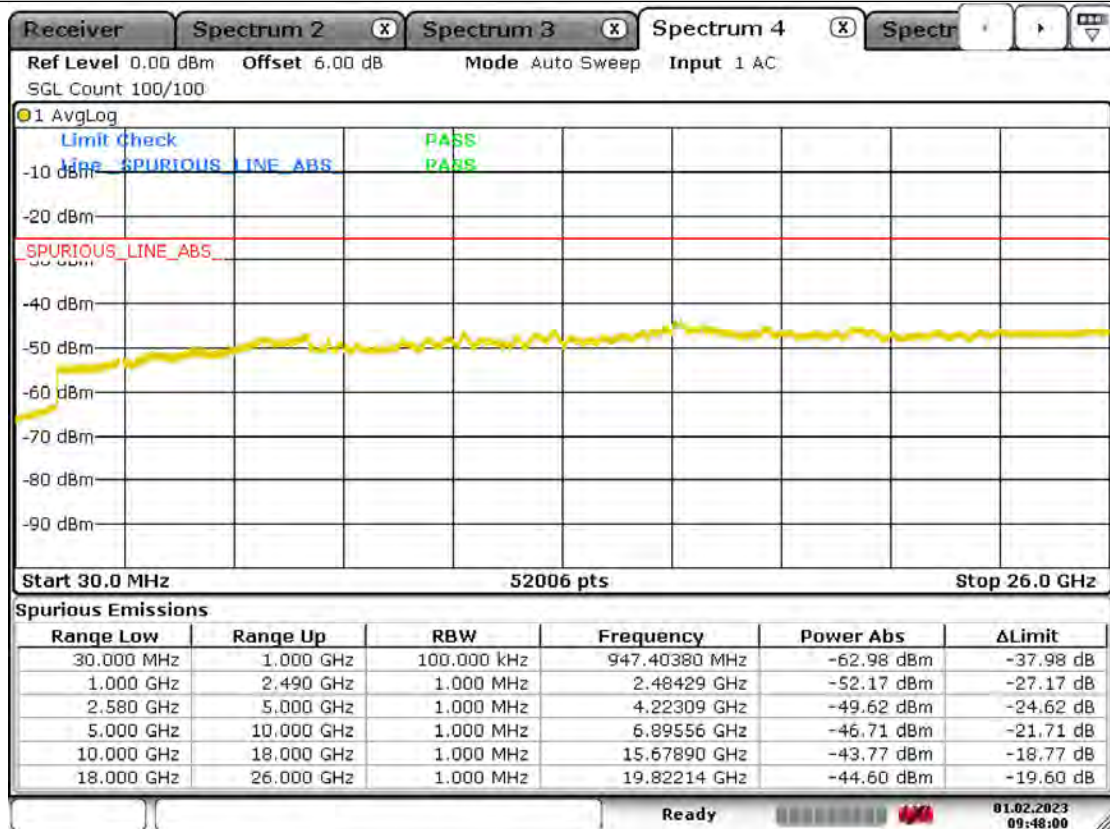
Date: 1.FEB.2023 09:43:48

Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



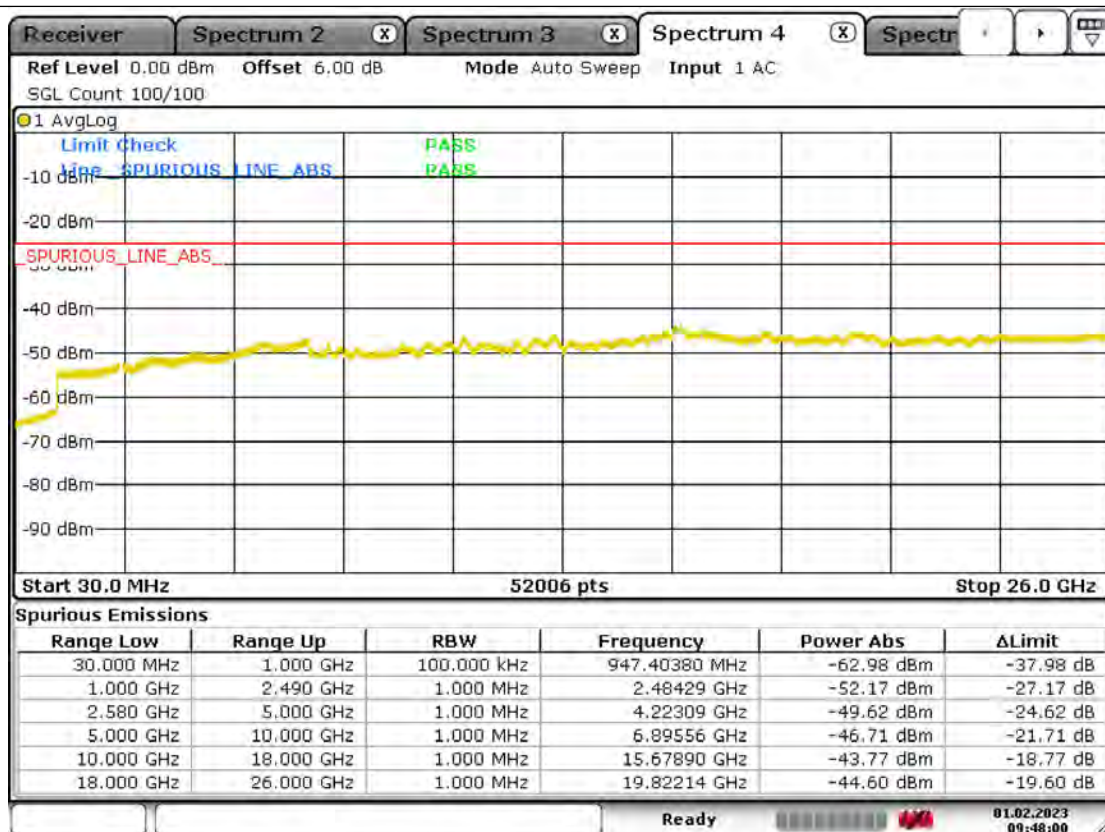
Date: 1.FEB.2023 09:48:00

Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



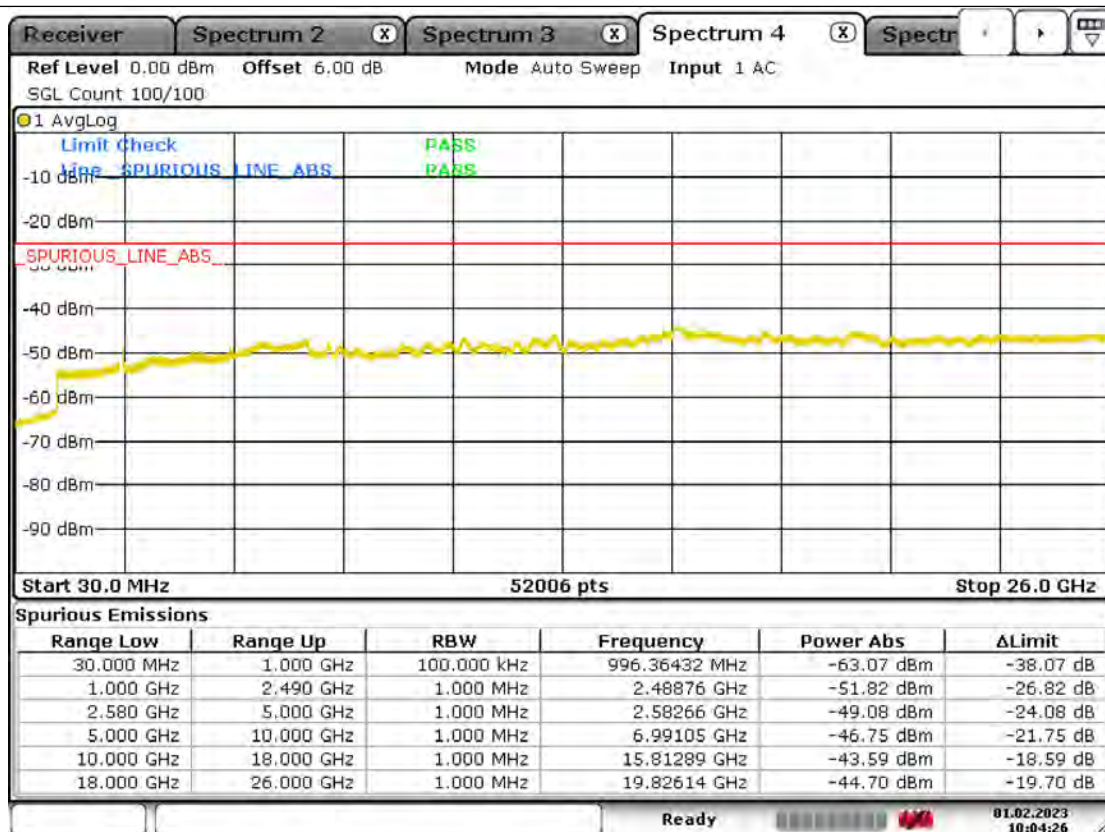
Date: 1.FEB.2023 09:48:00

Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



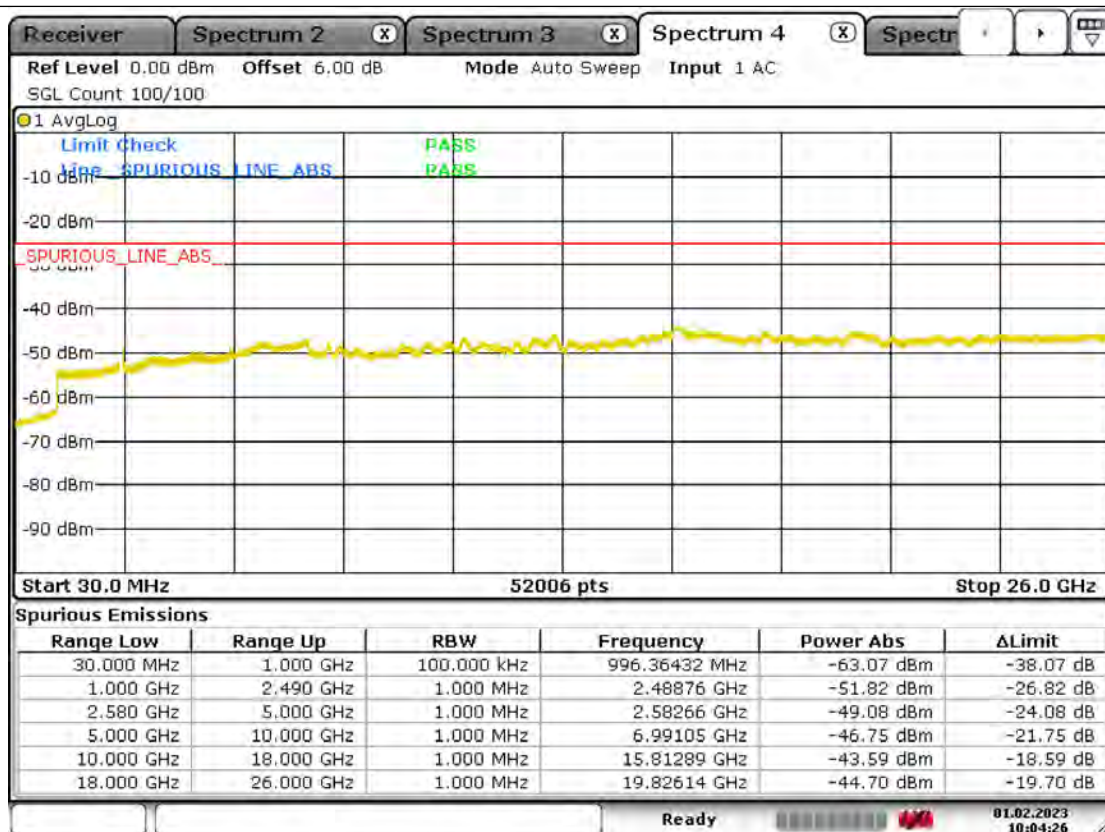
Date: 1.FEB.2023 10:04:26

Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



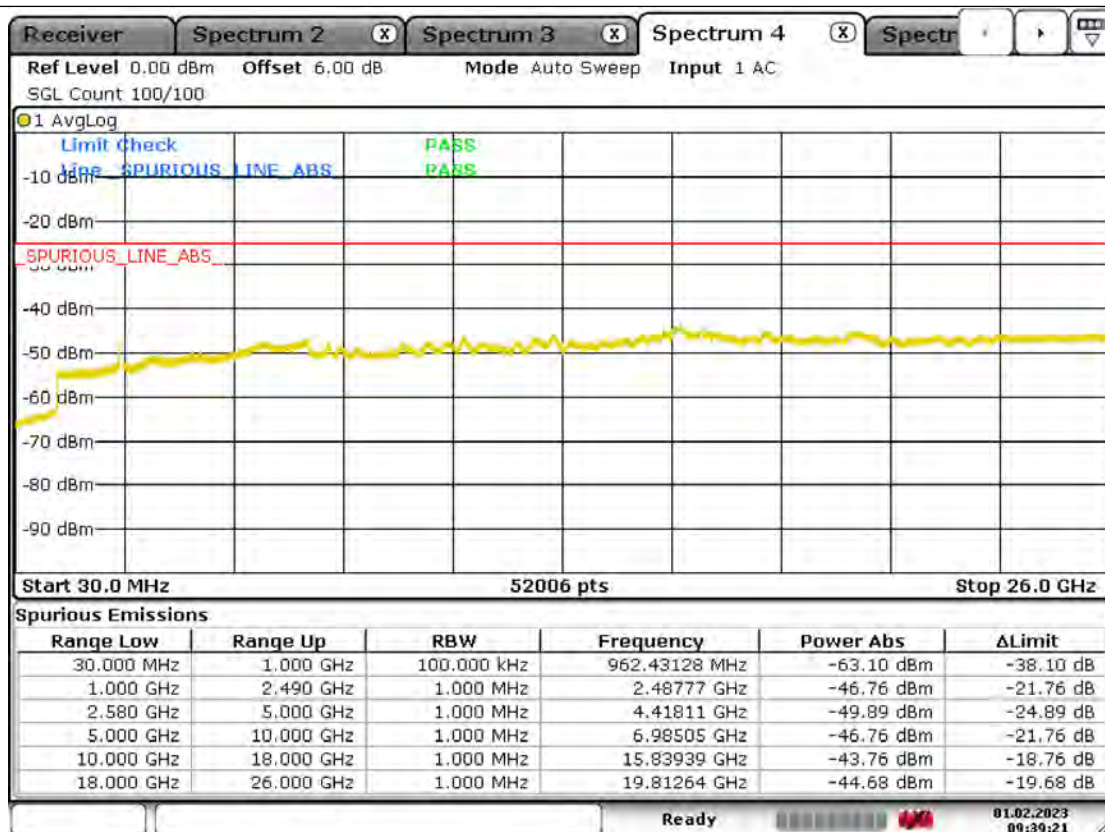
Date: 1.FEB.2023 10:04:26

Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



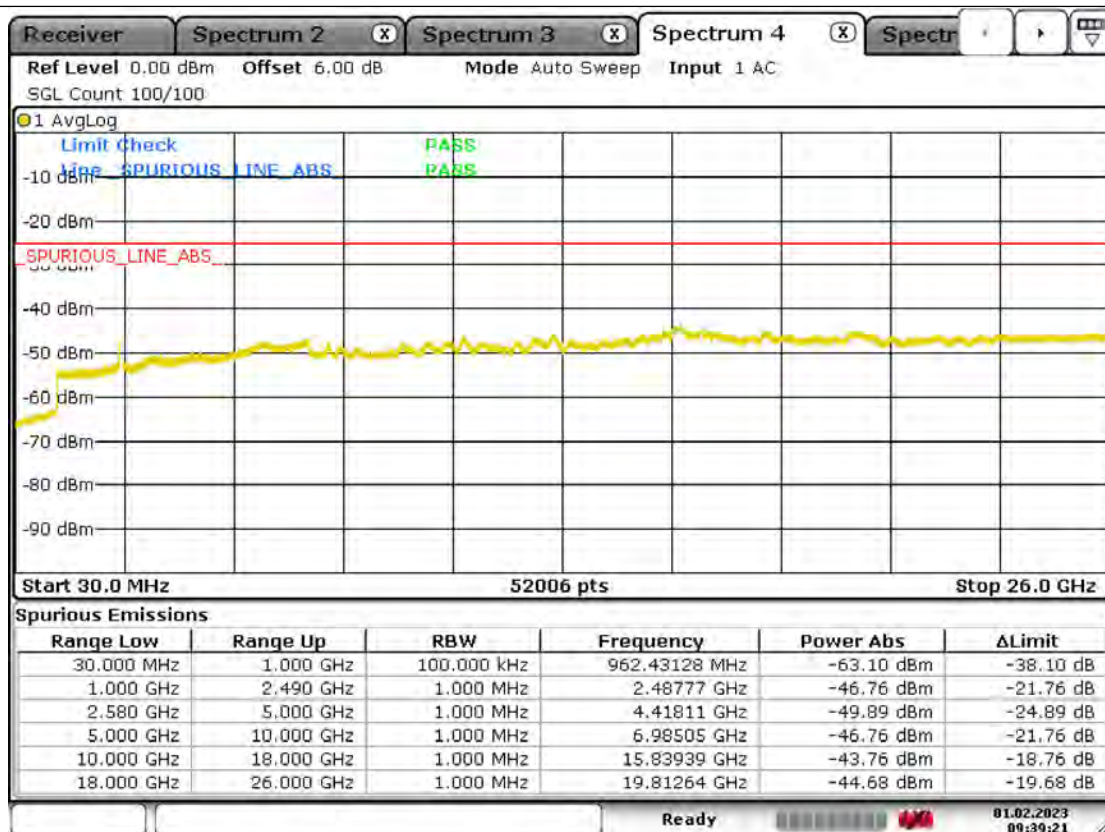
Date: 1.FEB.2023 09:39:21

Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



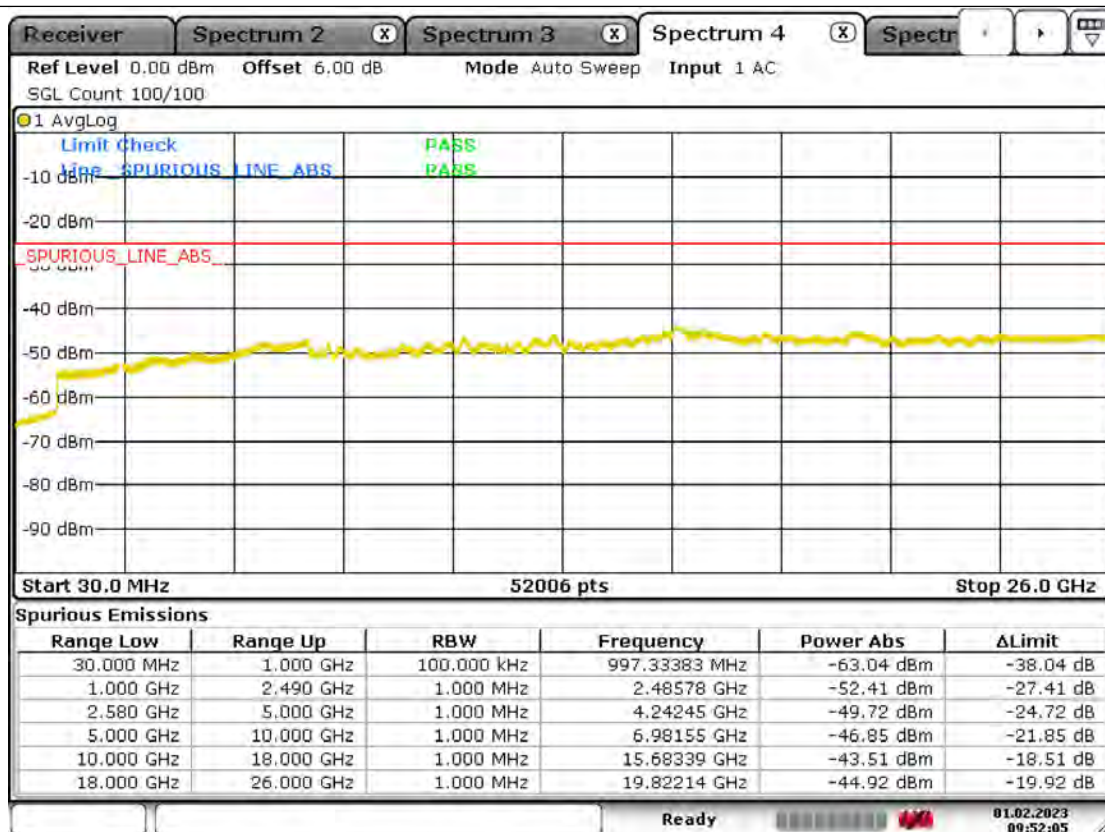
Date: 1.FEB.2023 09:39:21

Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



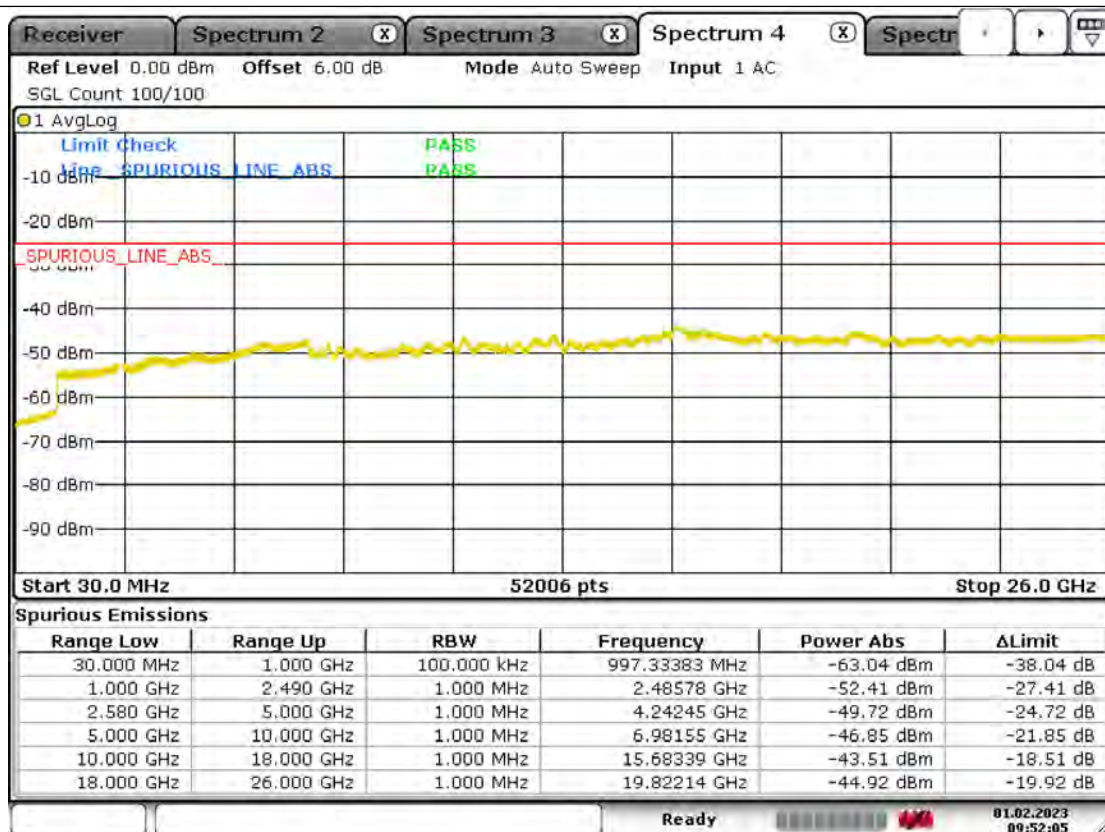
Date: 1.FEB.2023 09:52:05

Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



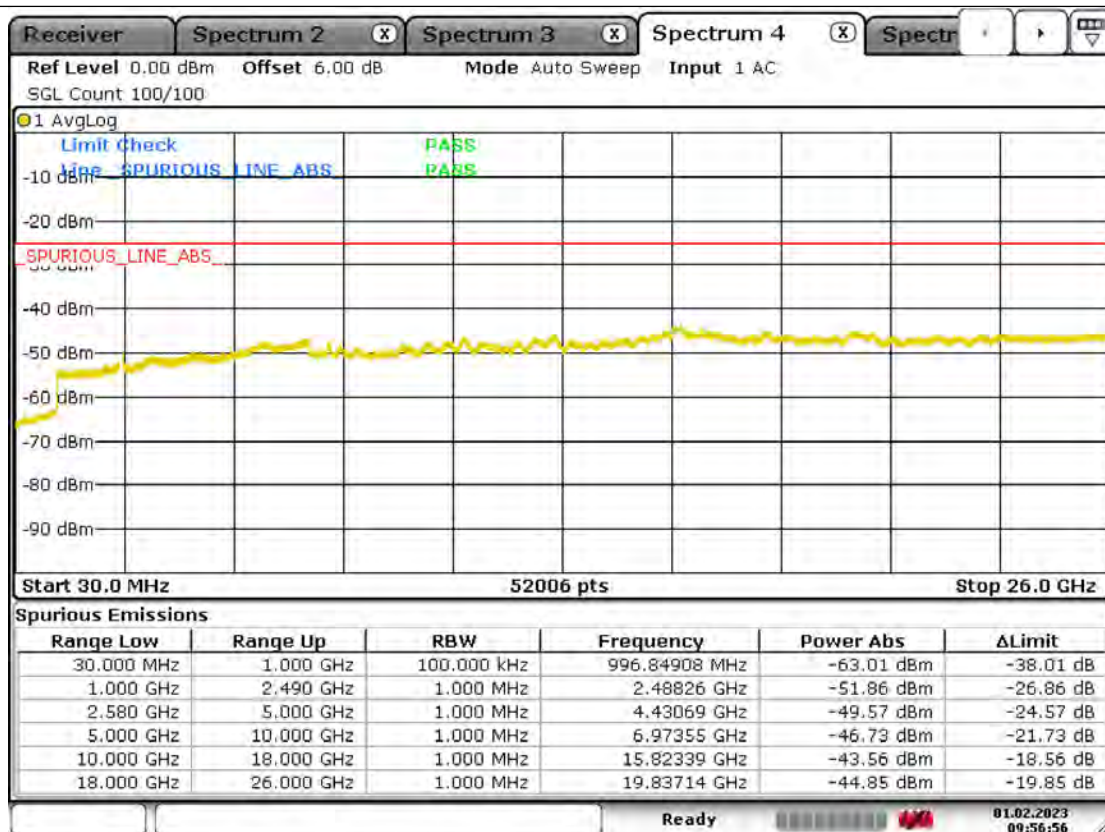
Date: 1.FEB.2023 09:52:05

Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



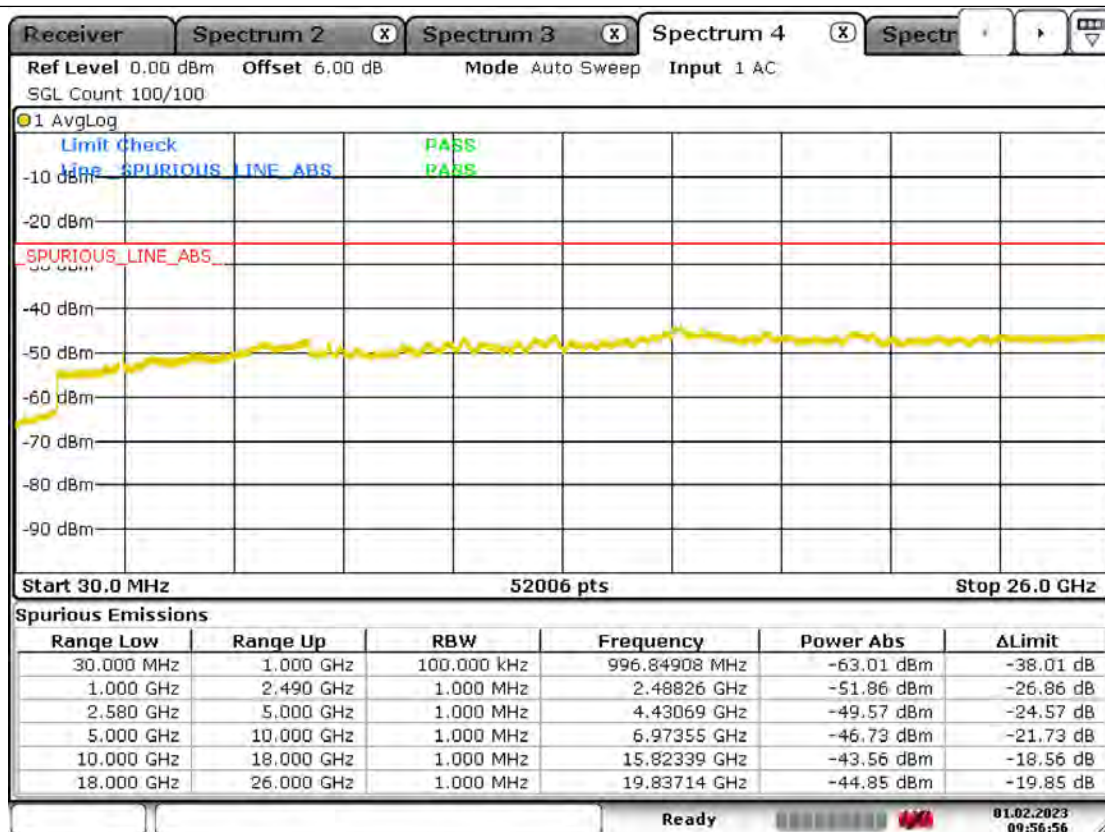
Date: 1.FEB.2023 09:56:56

Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



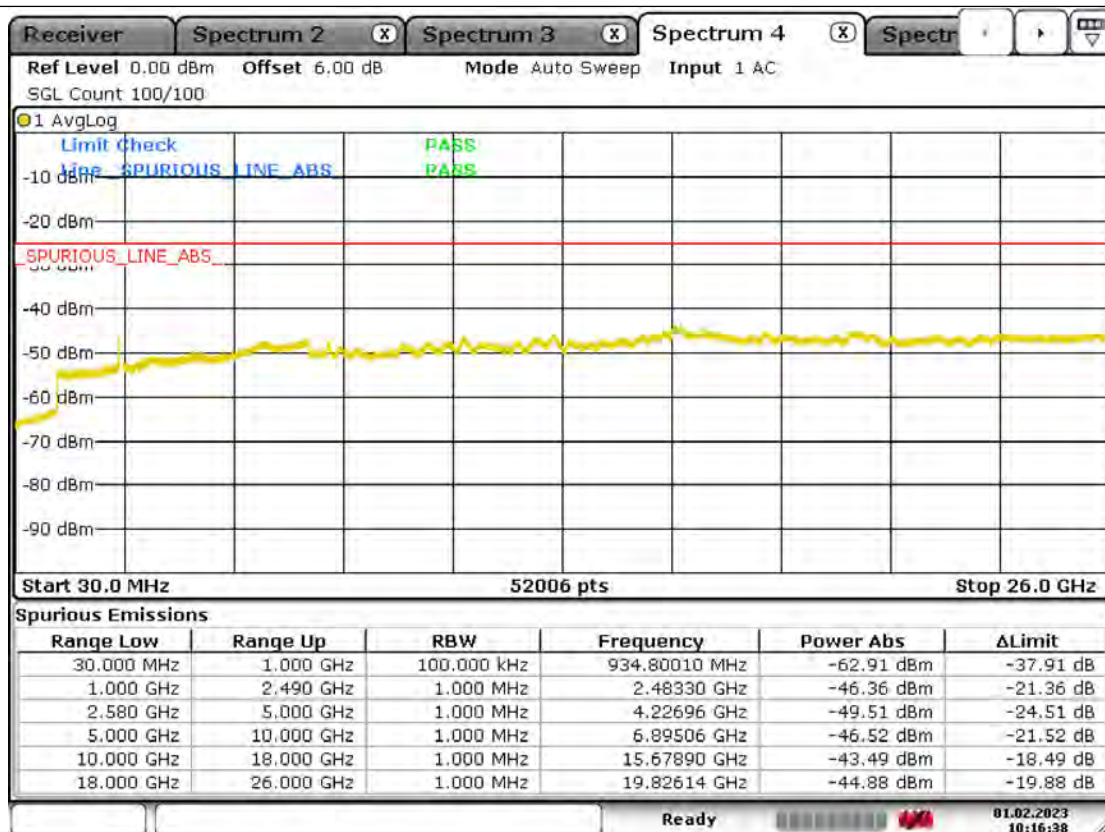
Date: 1.FEB.2023 09:56:56

Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



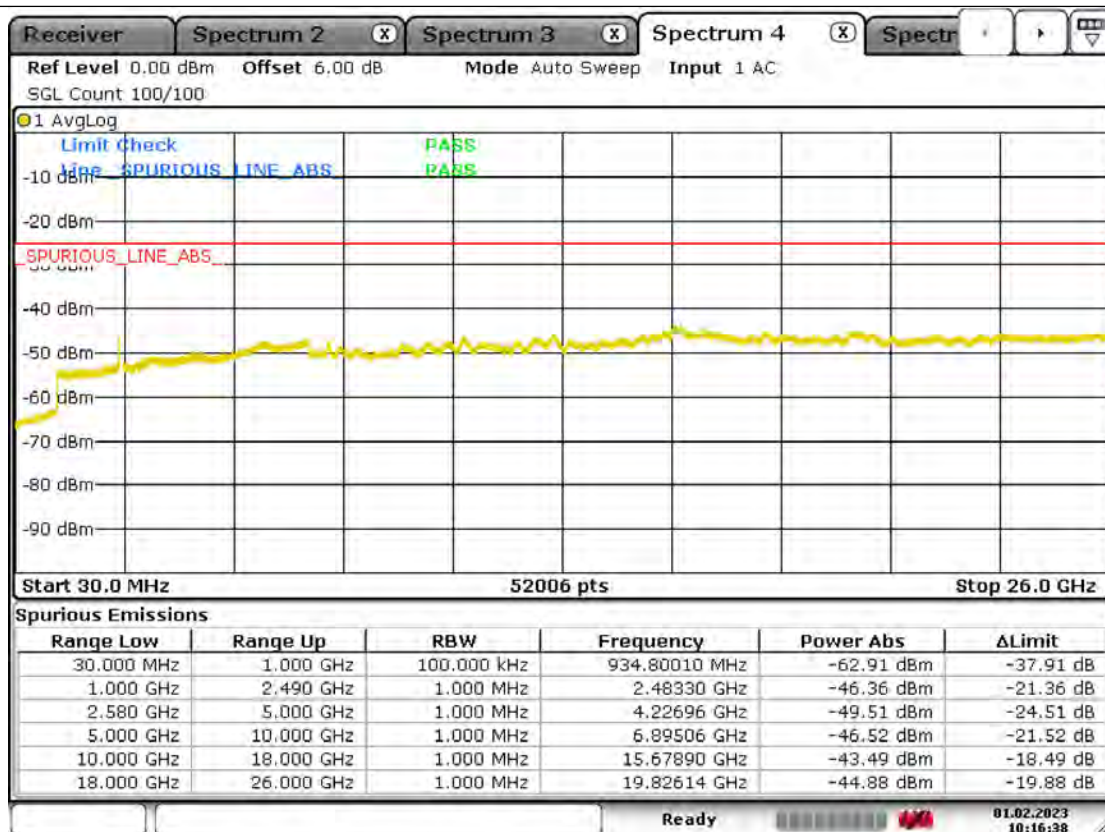
Date: 1.FEB.2023 10:16:38

Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



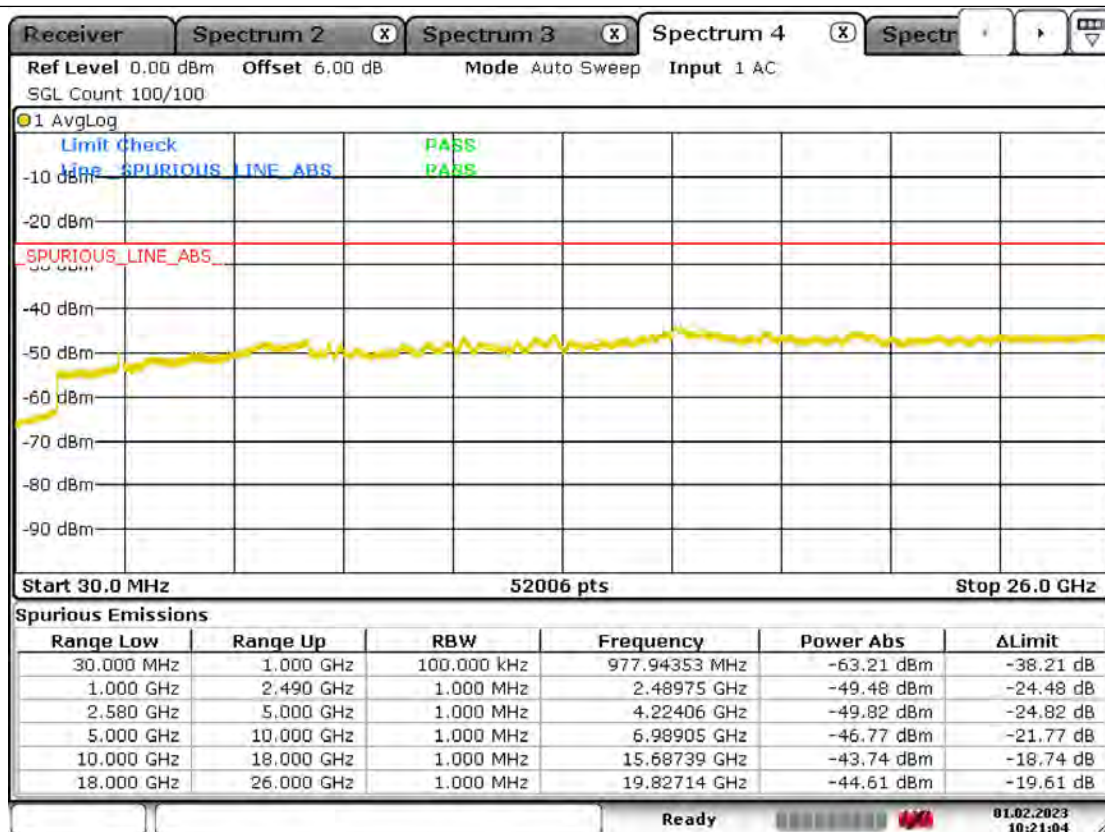
Date: 1.FEB.2023 10:16:38

Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



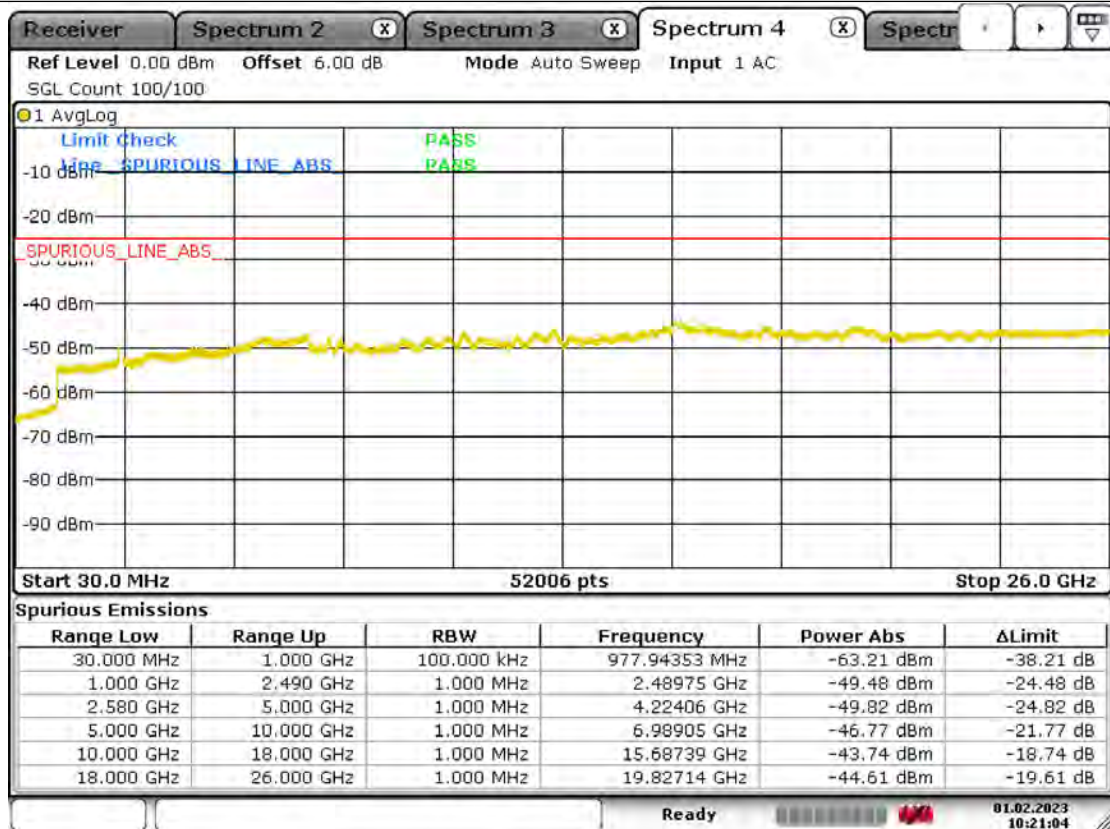
Date: 1.FEB.2023 10:21:04

Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



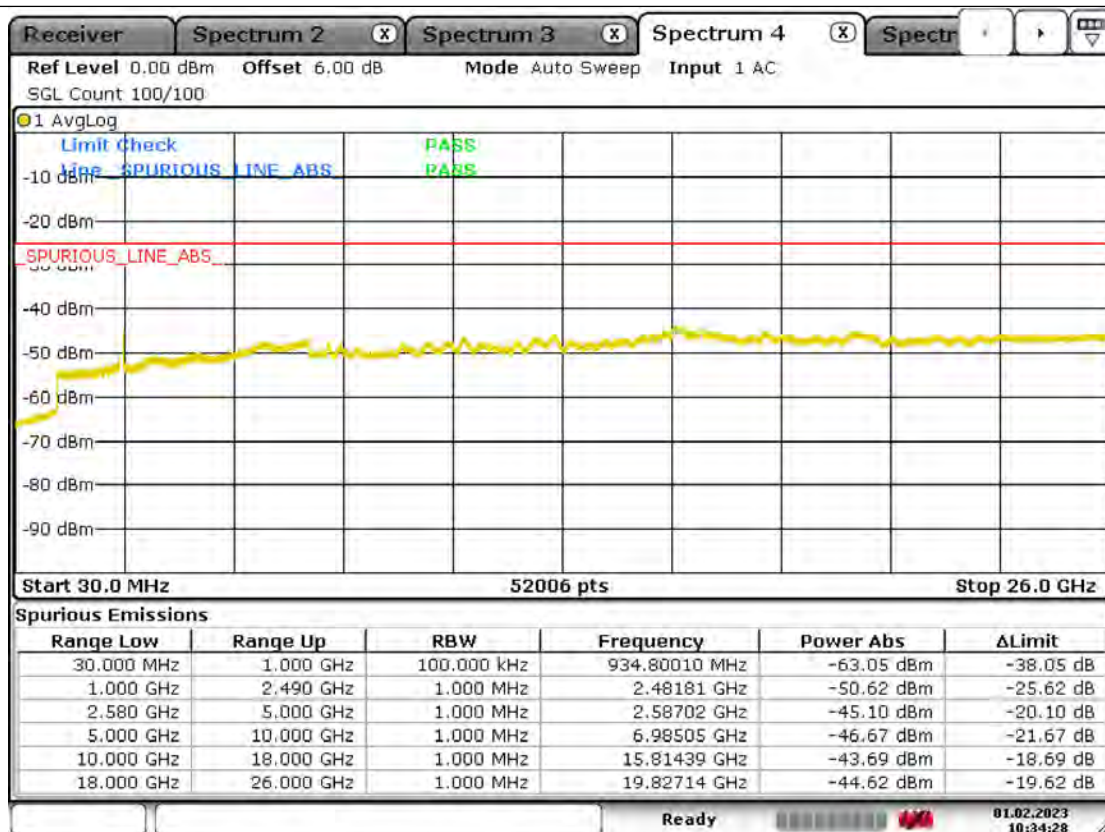
Date: 1.FEB.2023 10:21:04

Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



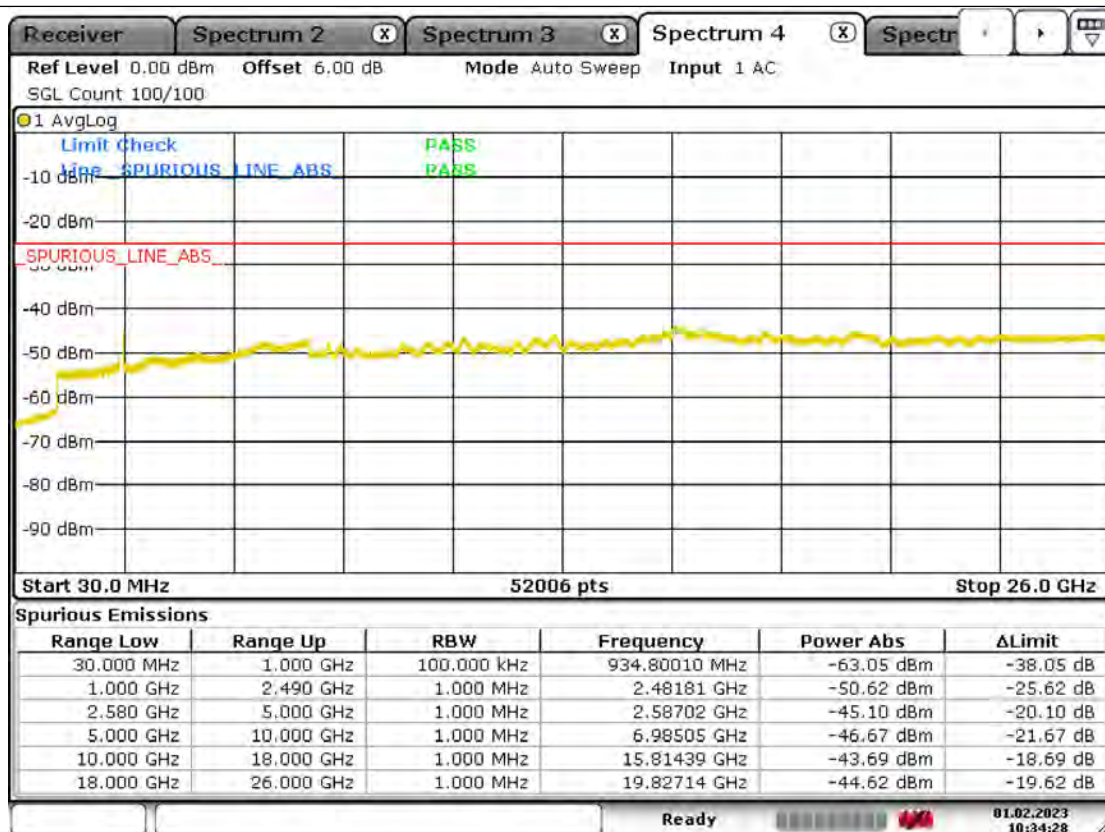
Date: 1.FEB.2023 10:34:28

Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



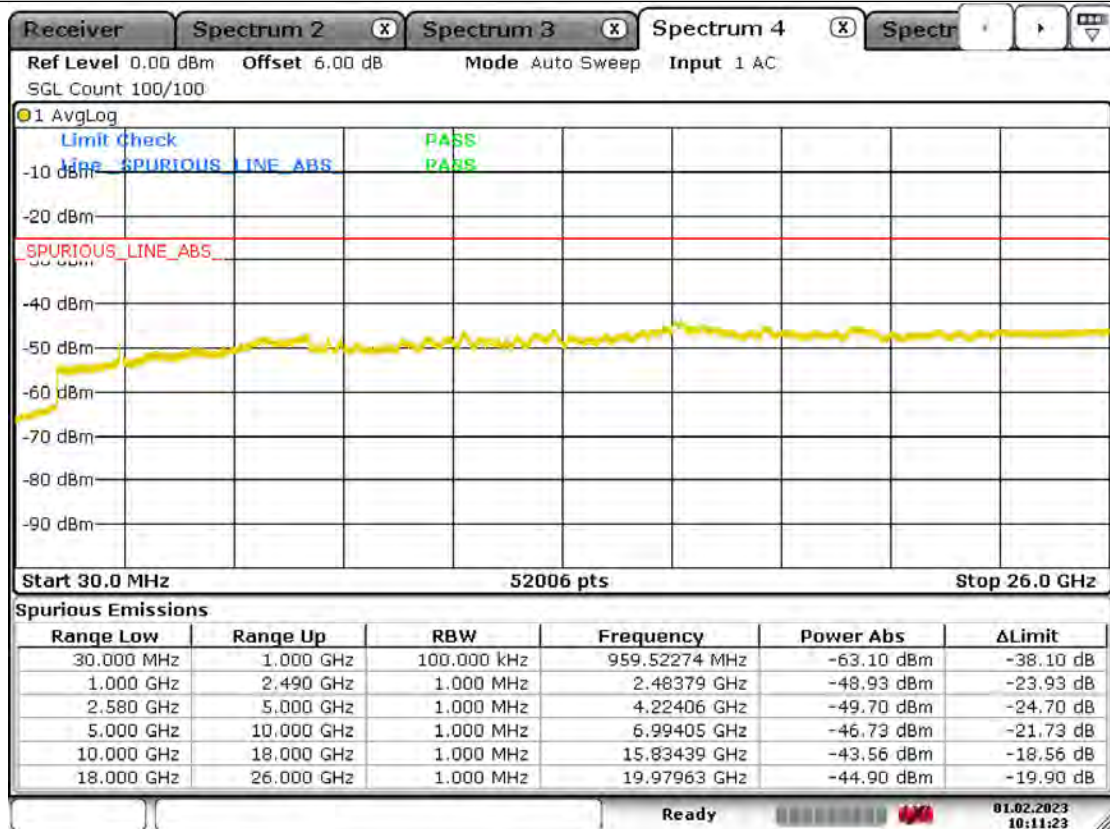
Date: 1.FEB.2023 10:34:28

Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



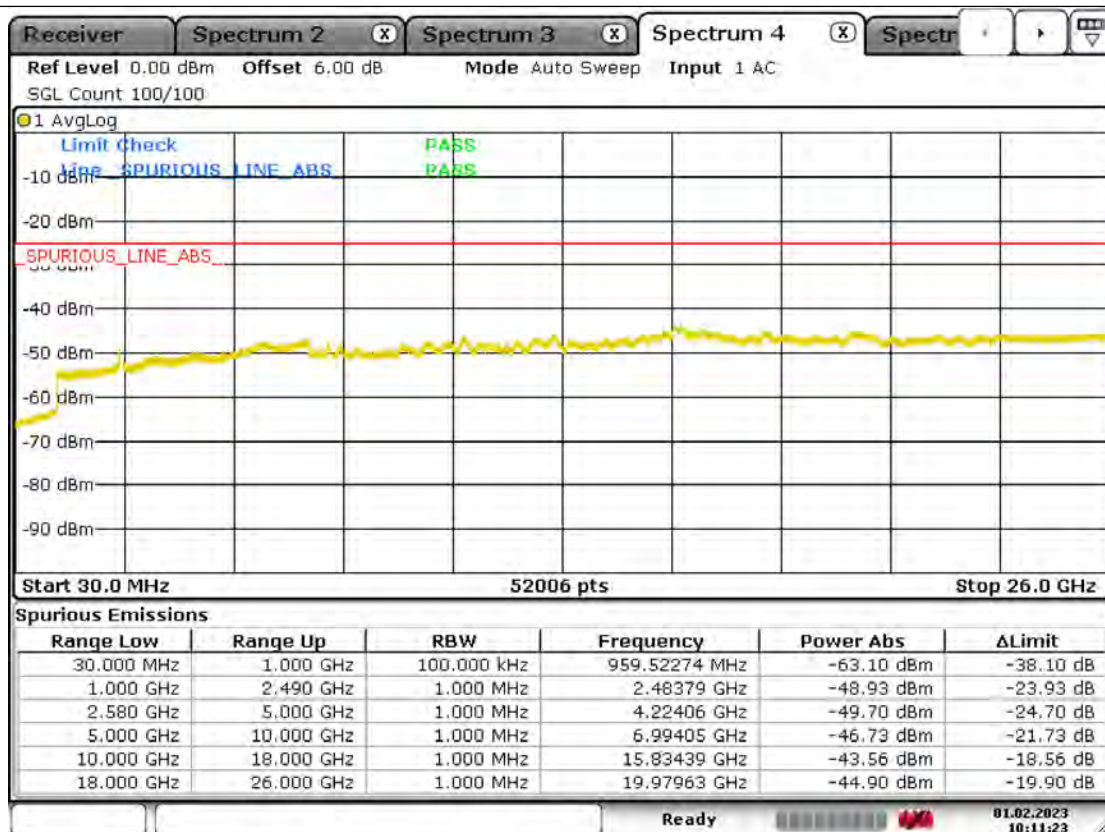
Date: 1.FEB.2023 10:11:23

Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



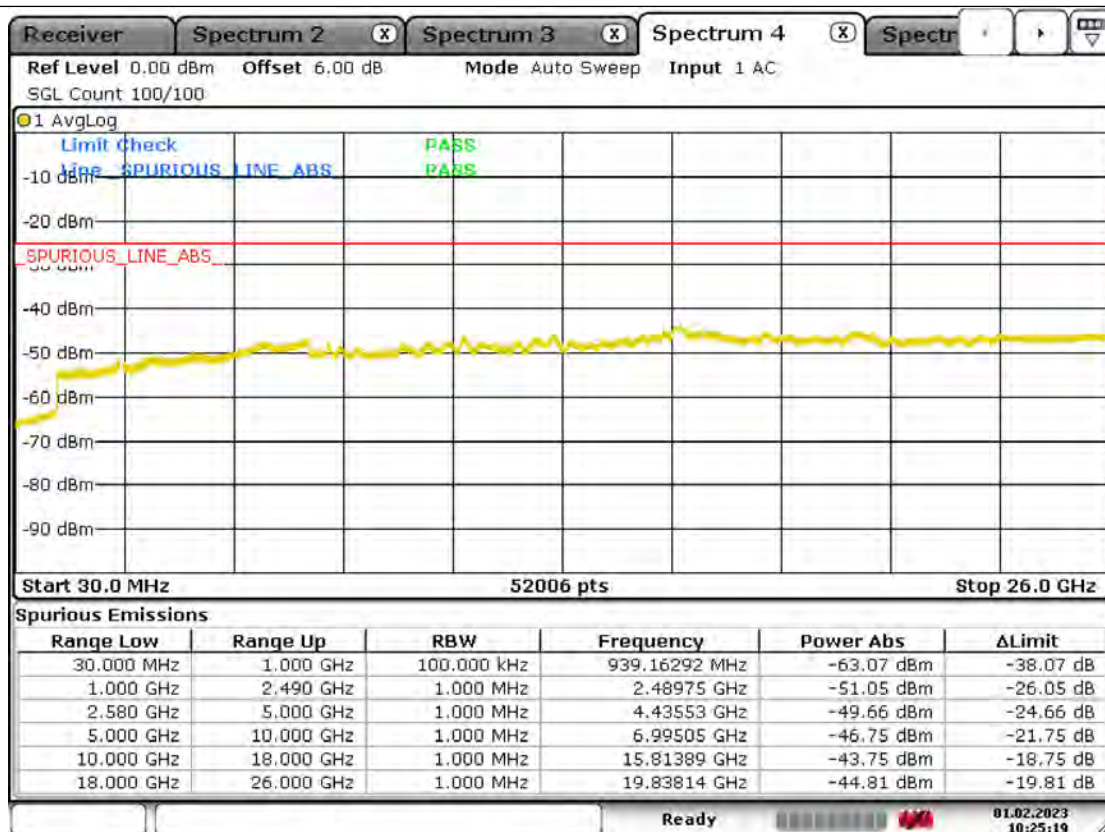
Date: 1.FEB.2023 10:11:23

Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



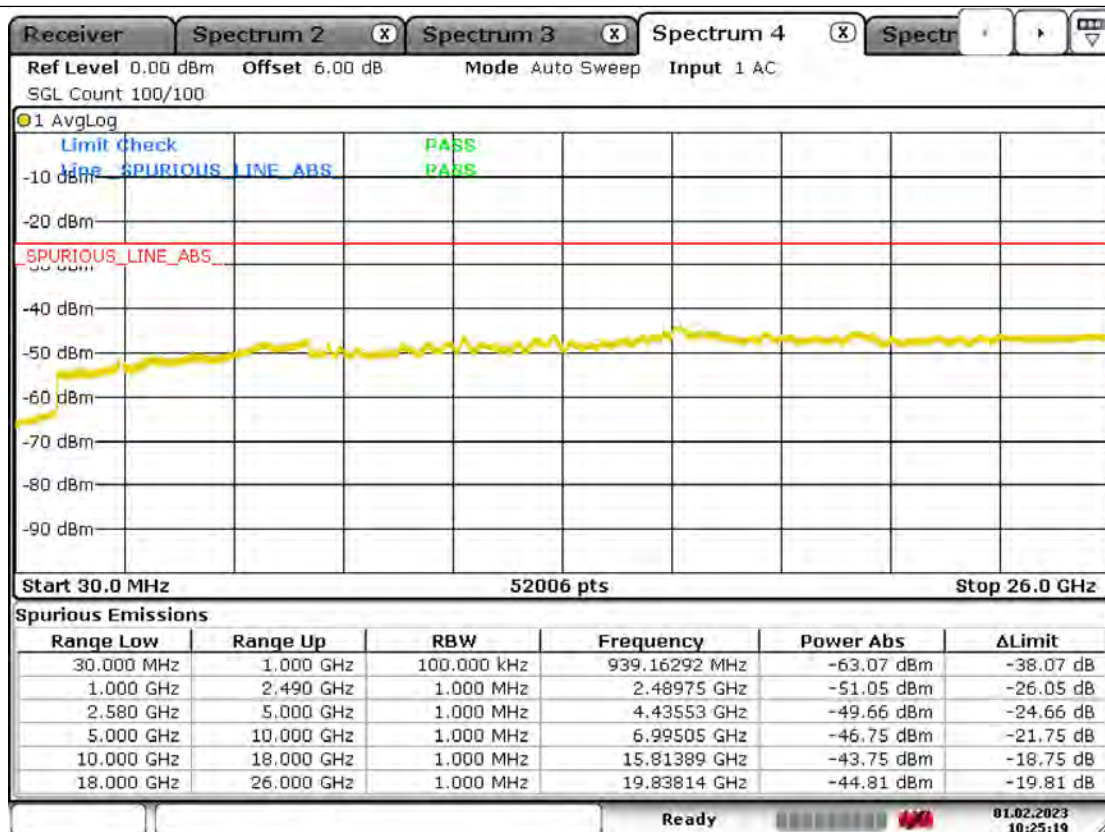
Date: 1.FEB.2023 10:25:19

Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



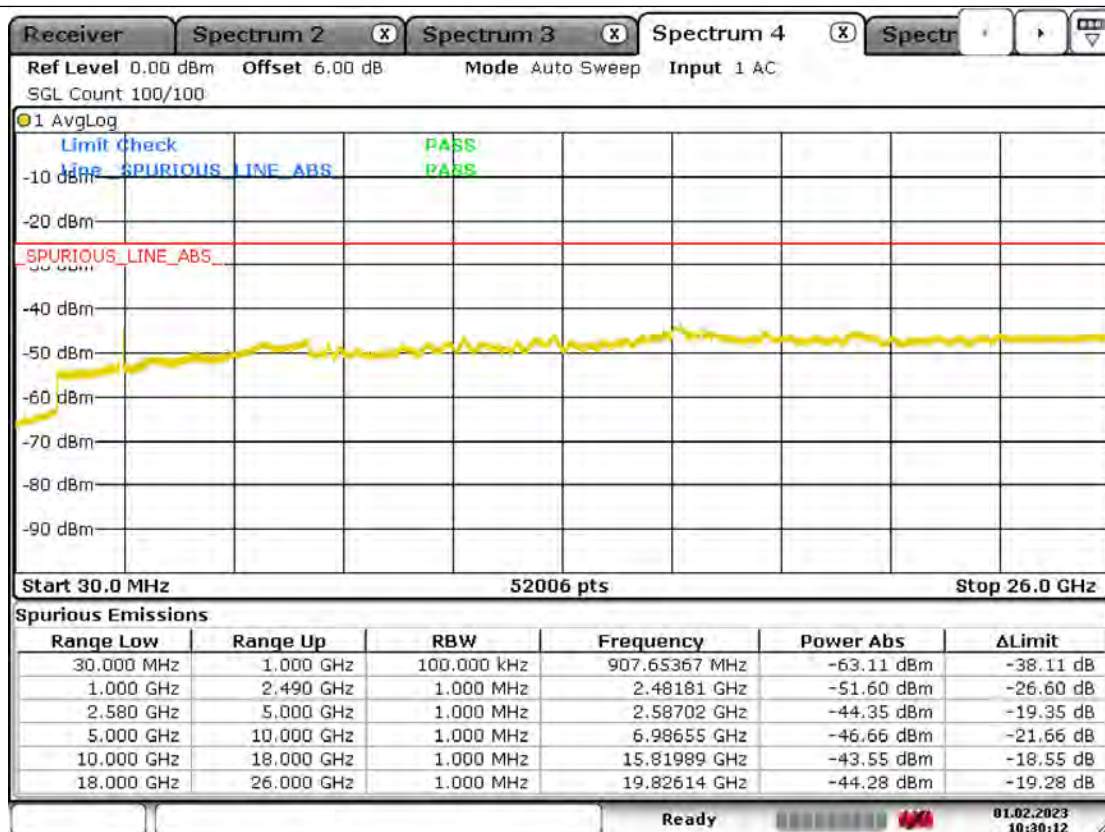
Date: 1.FEB.2023 10:25:19

Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



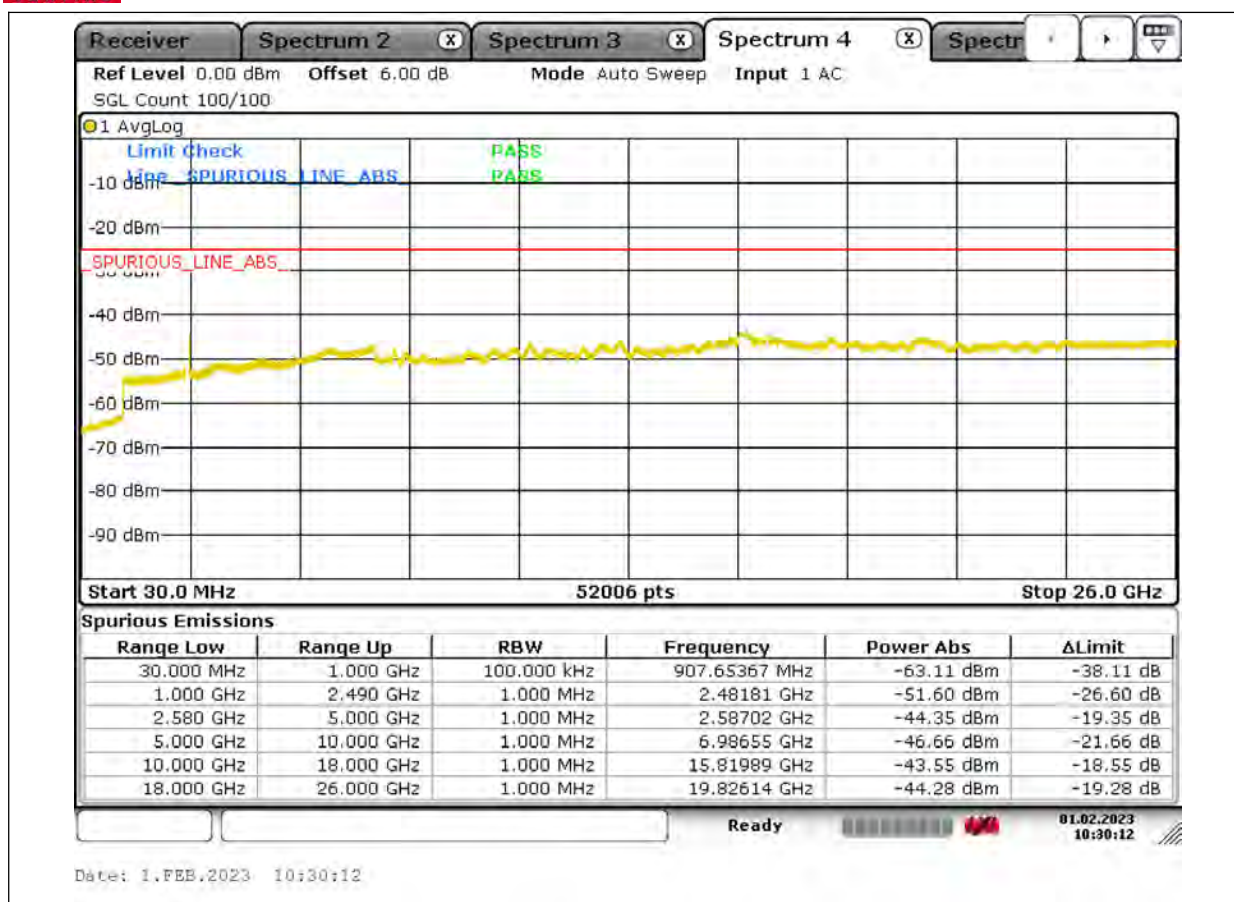
Date: 1.FEB.2023 10:30:12

Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03

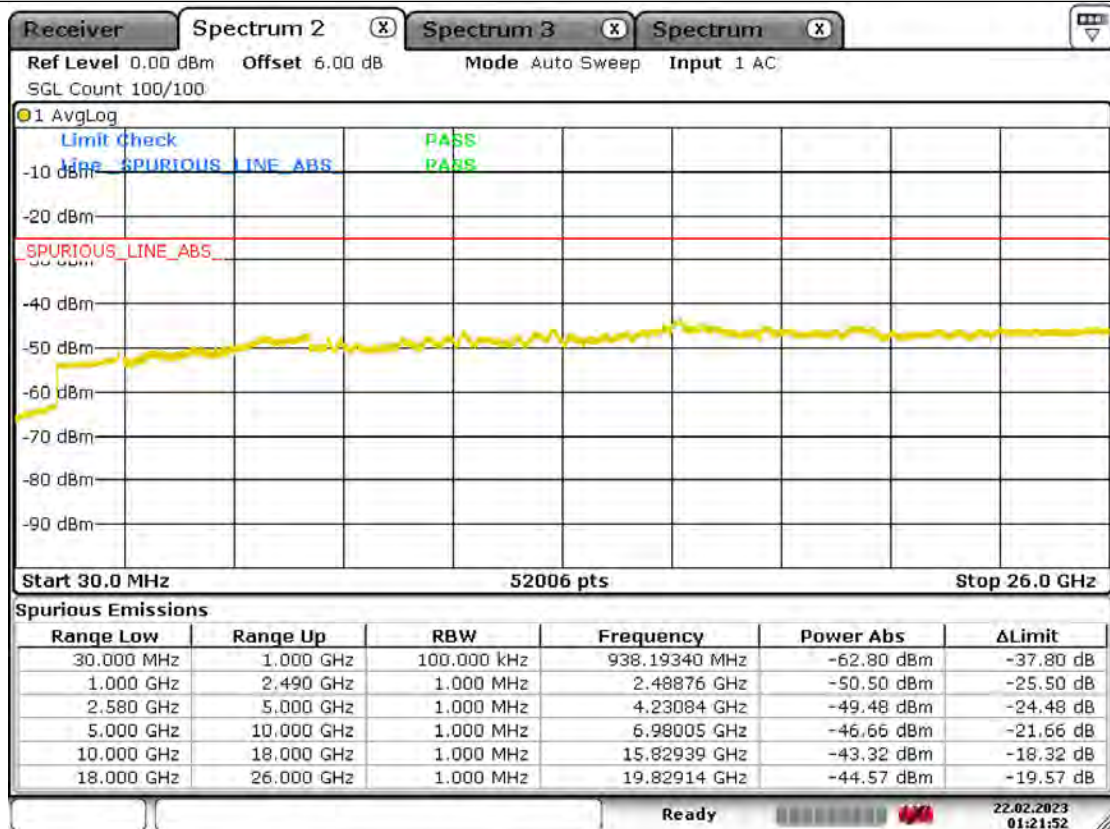


Band7-5MHz-64QAM-20775-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



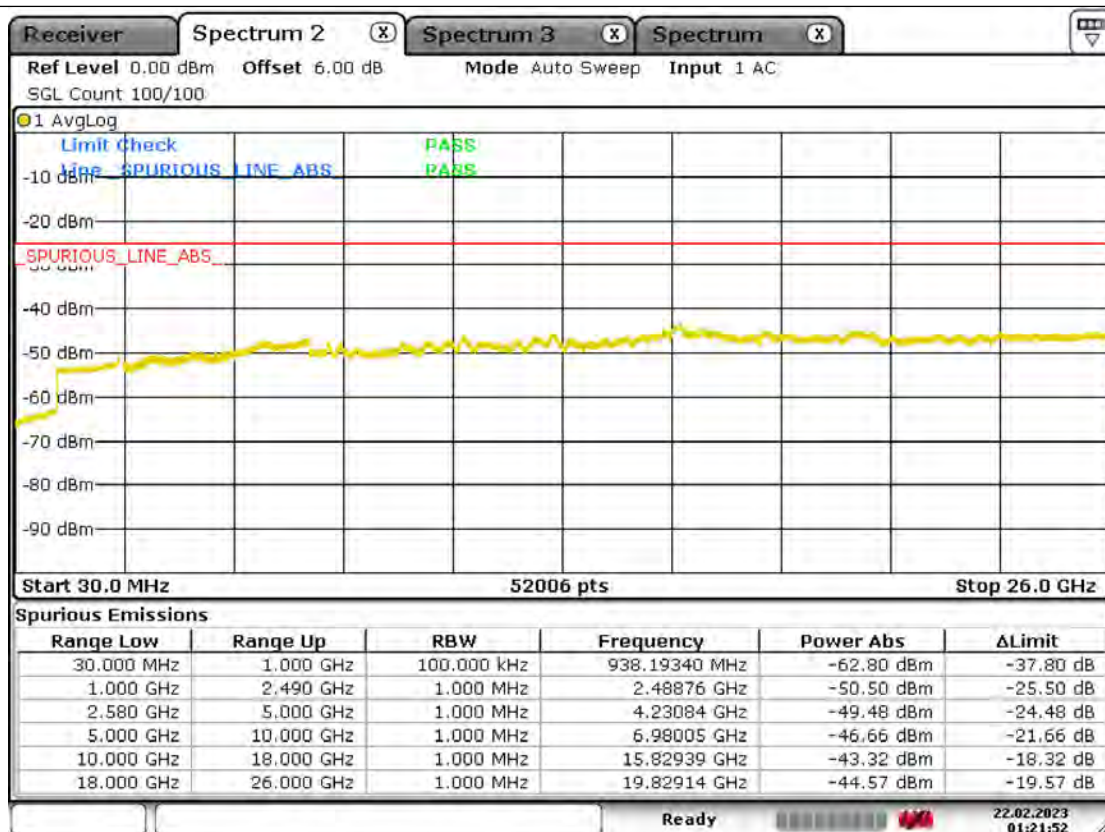
Date: 22.FEB.2023 01:21:51

Band7-5MHz-64QAM-20775-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



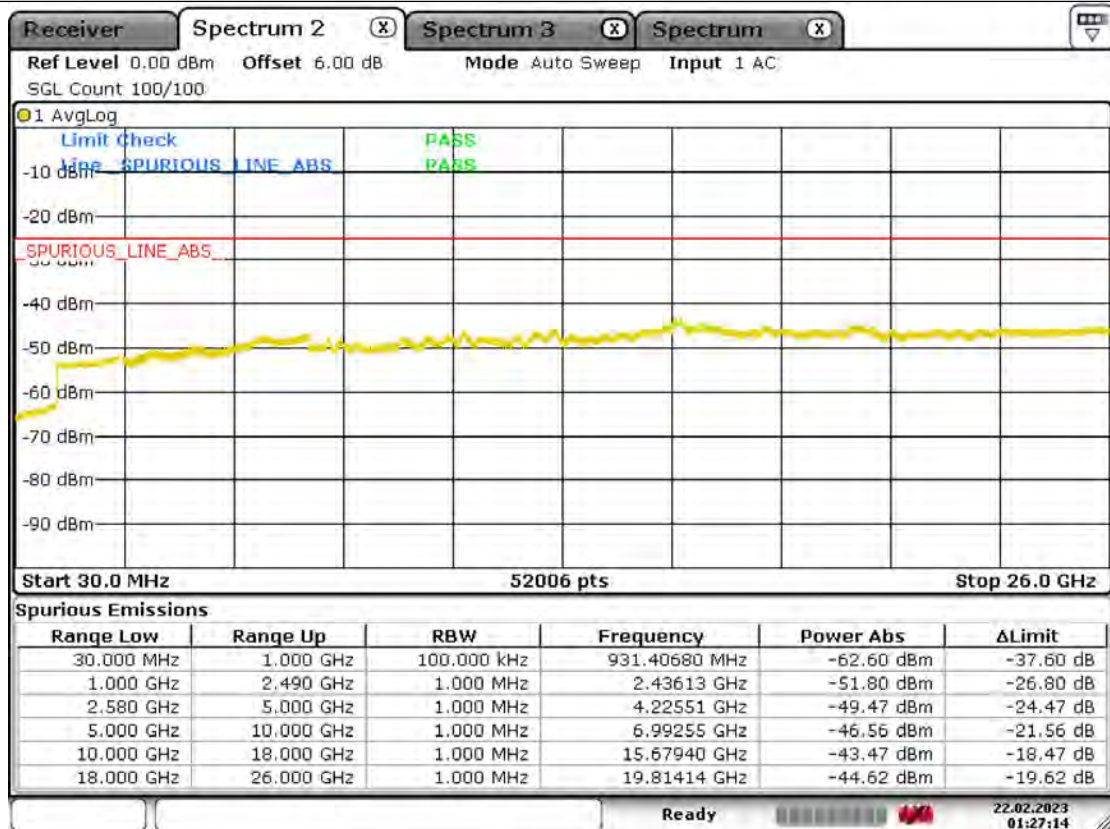
Date: 22.FEB.2023 01:21:51

Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



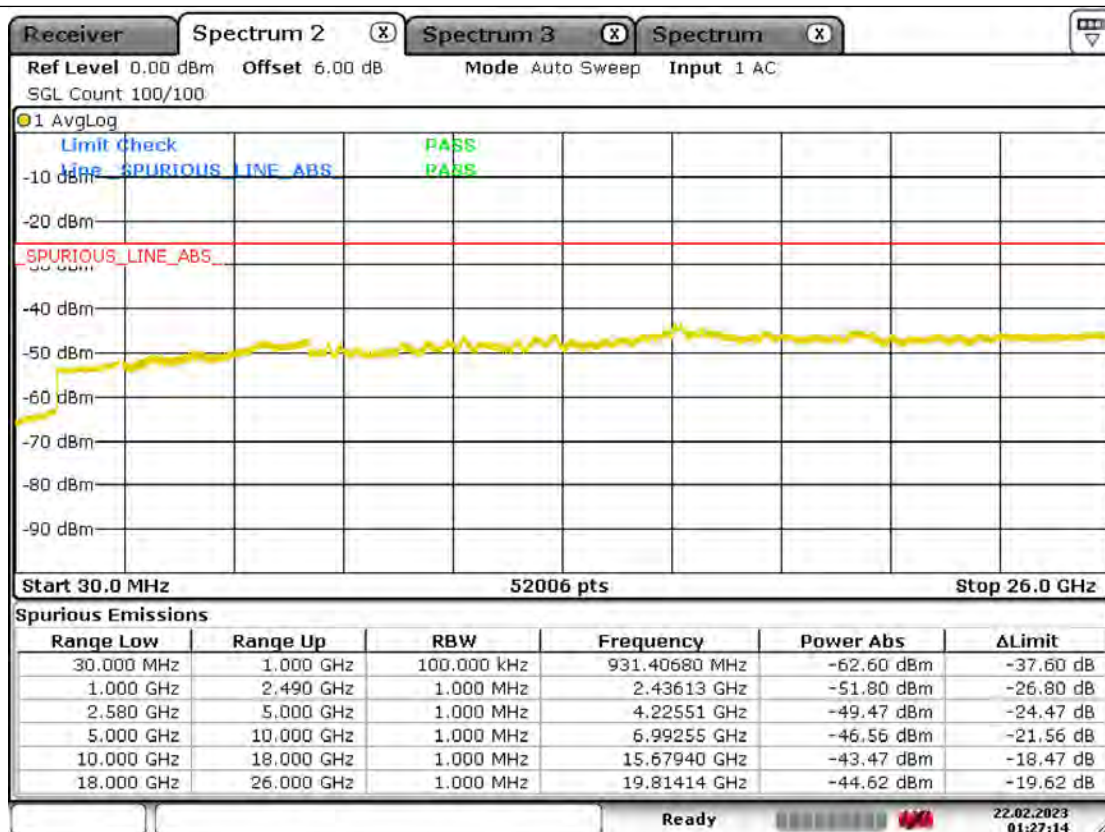
Date: 22.FEB.2023 01:27:14

Band7-5MHz-64QAM-21100-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



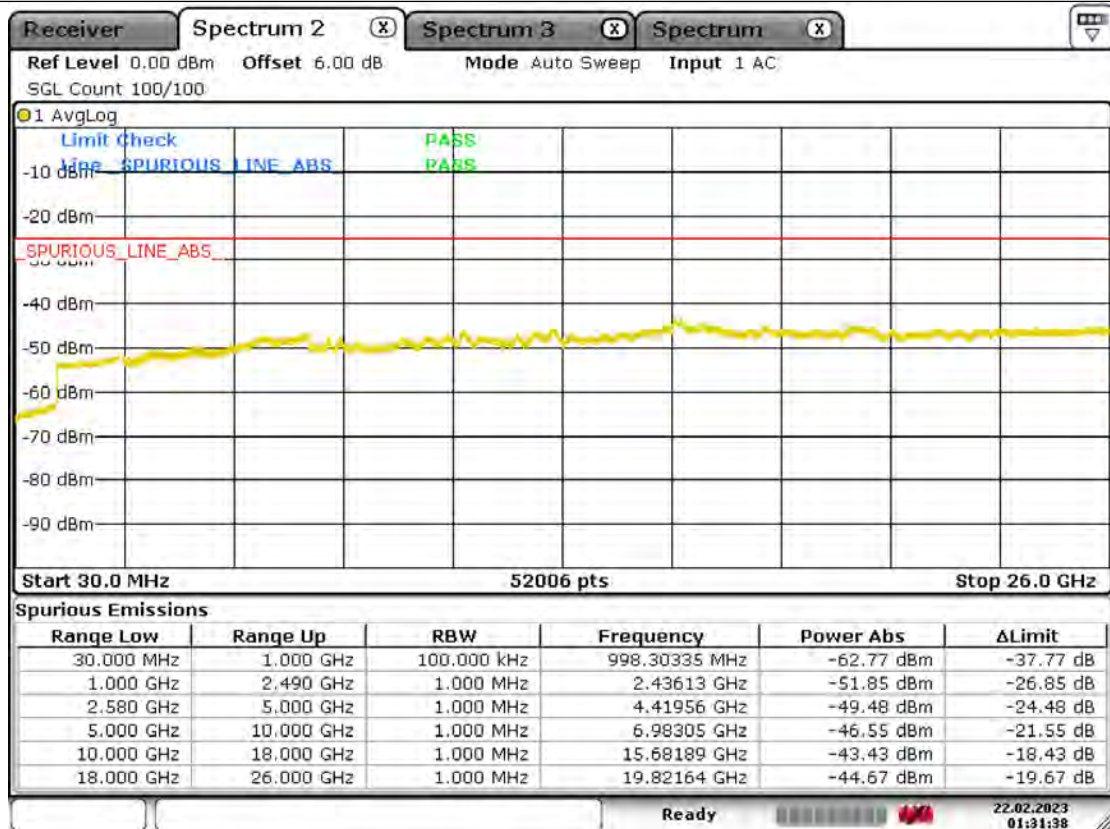
Date: 22.FEB.2023 01:27:14

Band7-5MHz-64QAM-21425-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



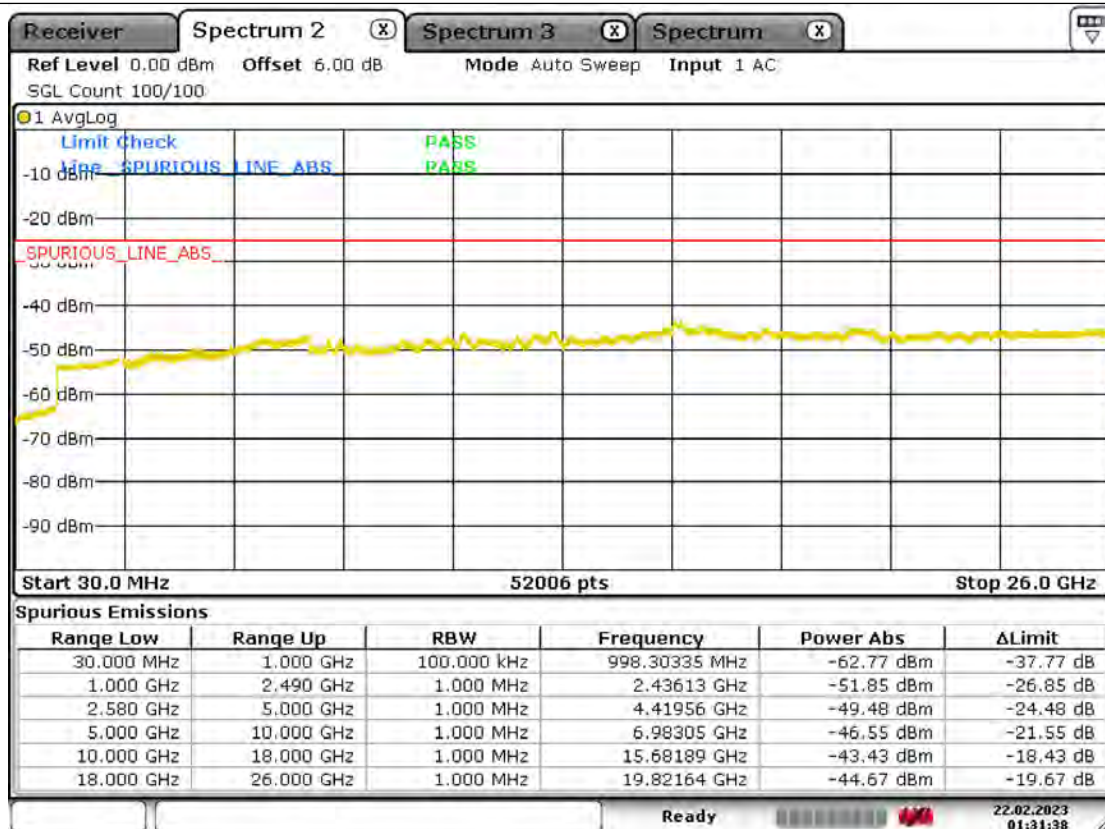
Date: 22.FEB.2023 01:31:38

Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~26000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



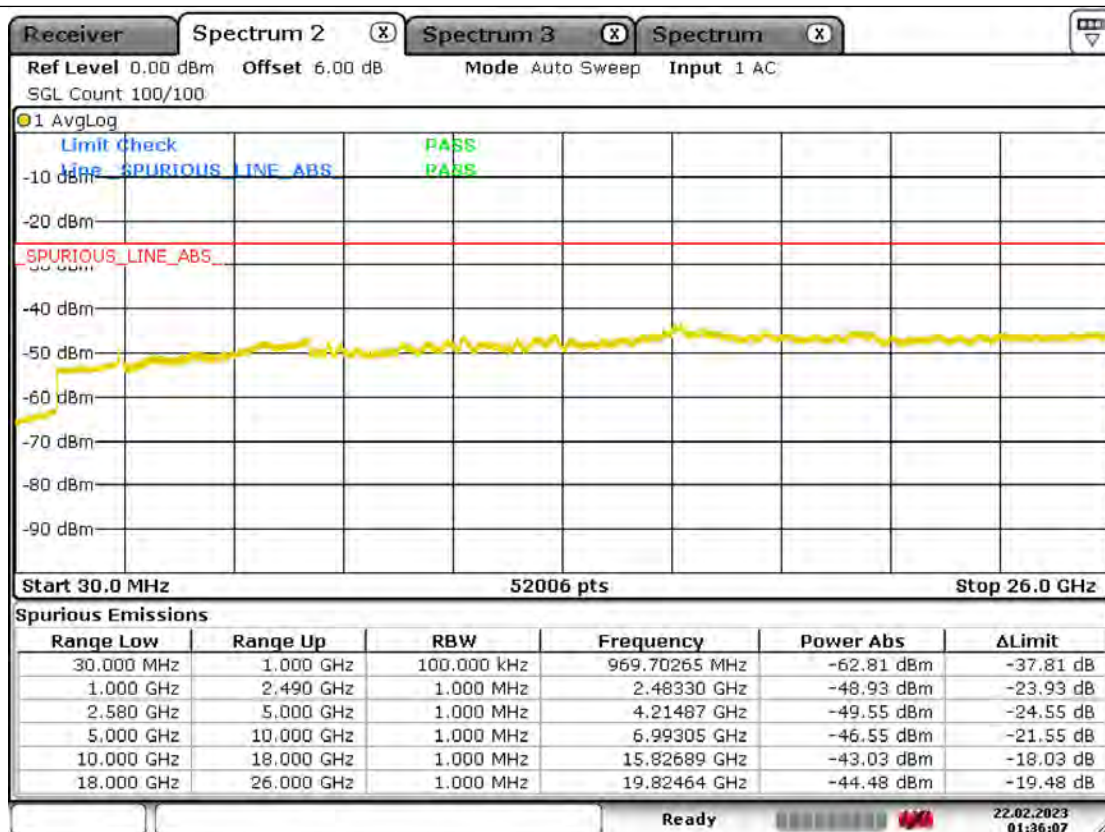
Date: 22.FEB.2023 01:31:38

Band7-10MHz-64QAM-20800-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



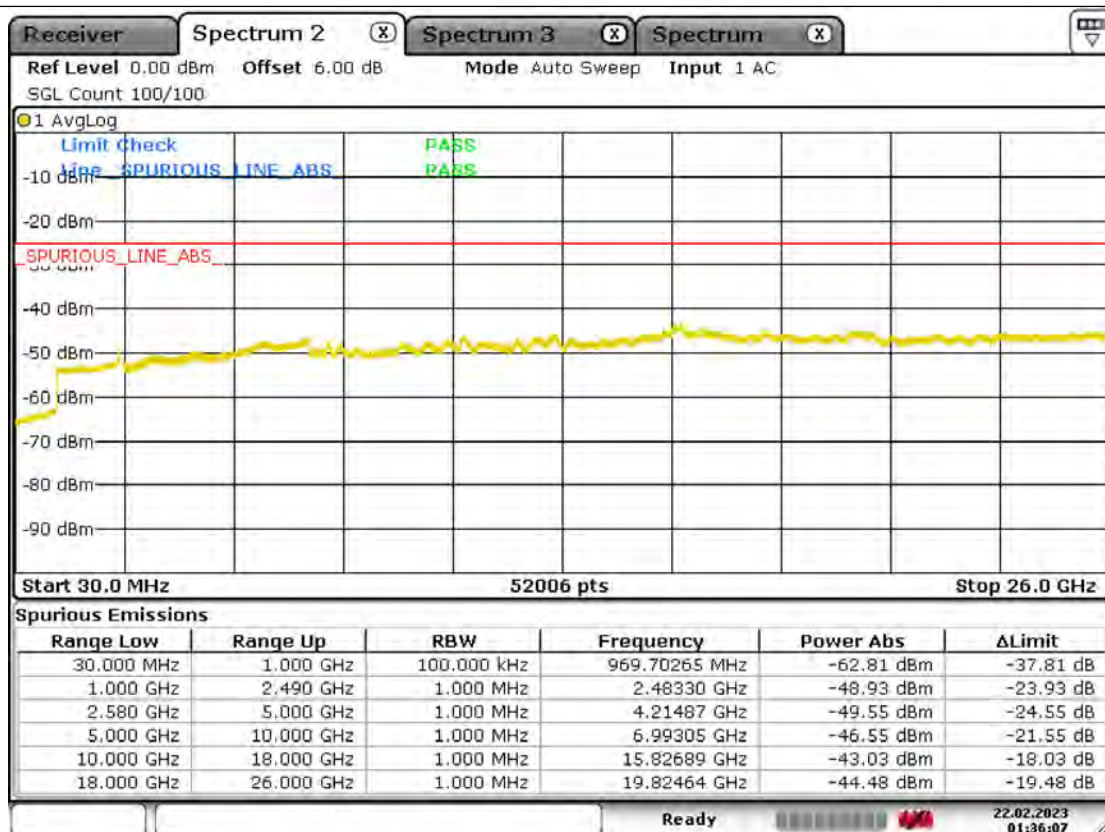
Date: 22.FEB.2023 01:36:07

Band7-10MHz-64QAM-20800-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



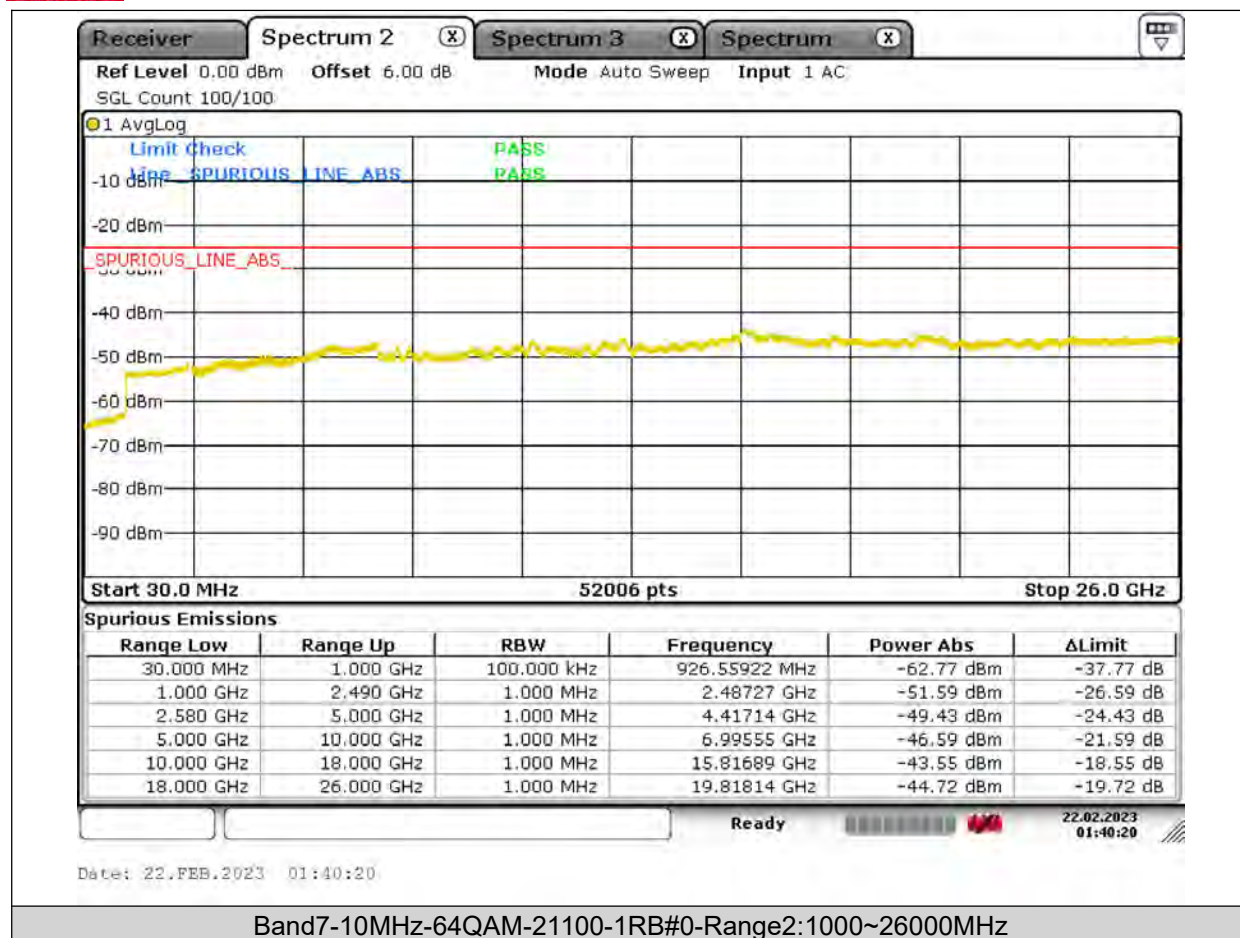
Date: 22.FEB.2023 01:36:07

Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



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VERITAS

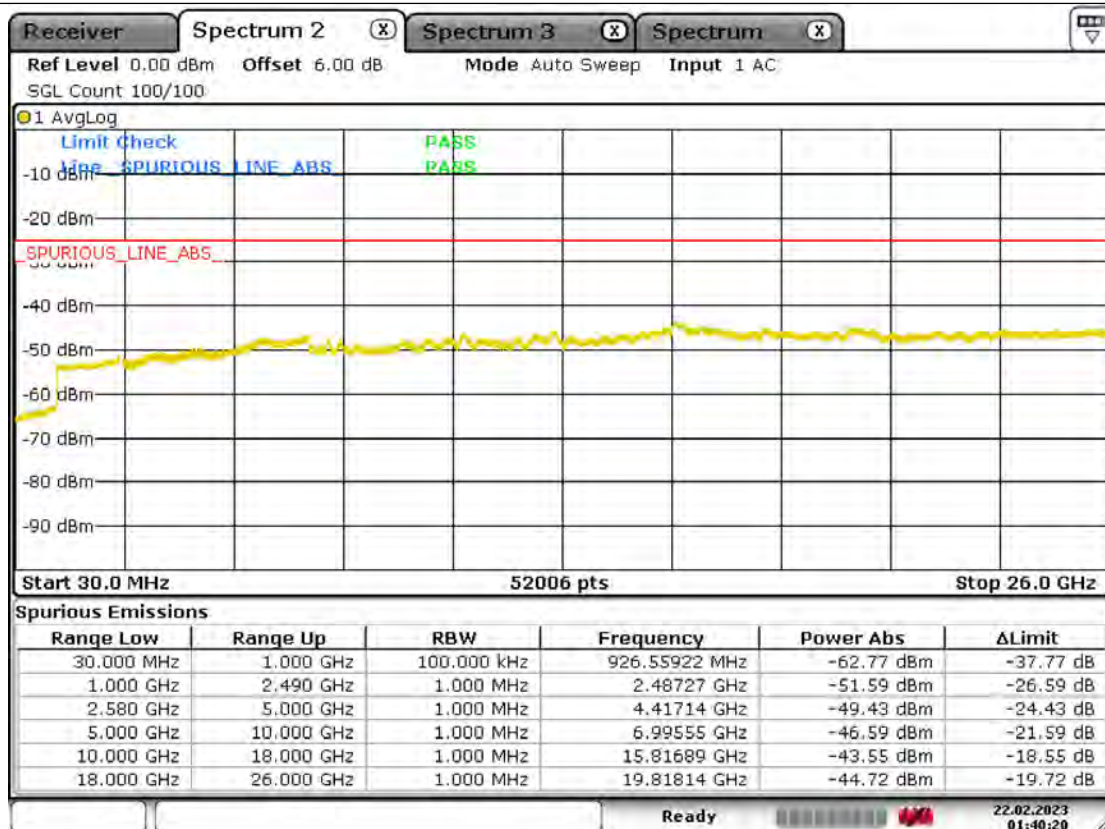
Test Report No.: PSU-QSU2309010210RF03





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VERITAS

Test Report No.: PSU-QSU2309010210RF03



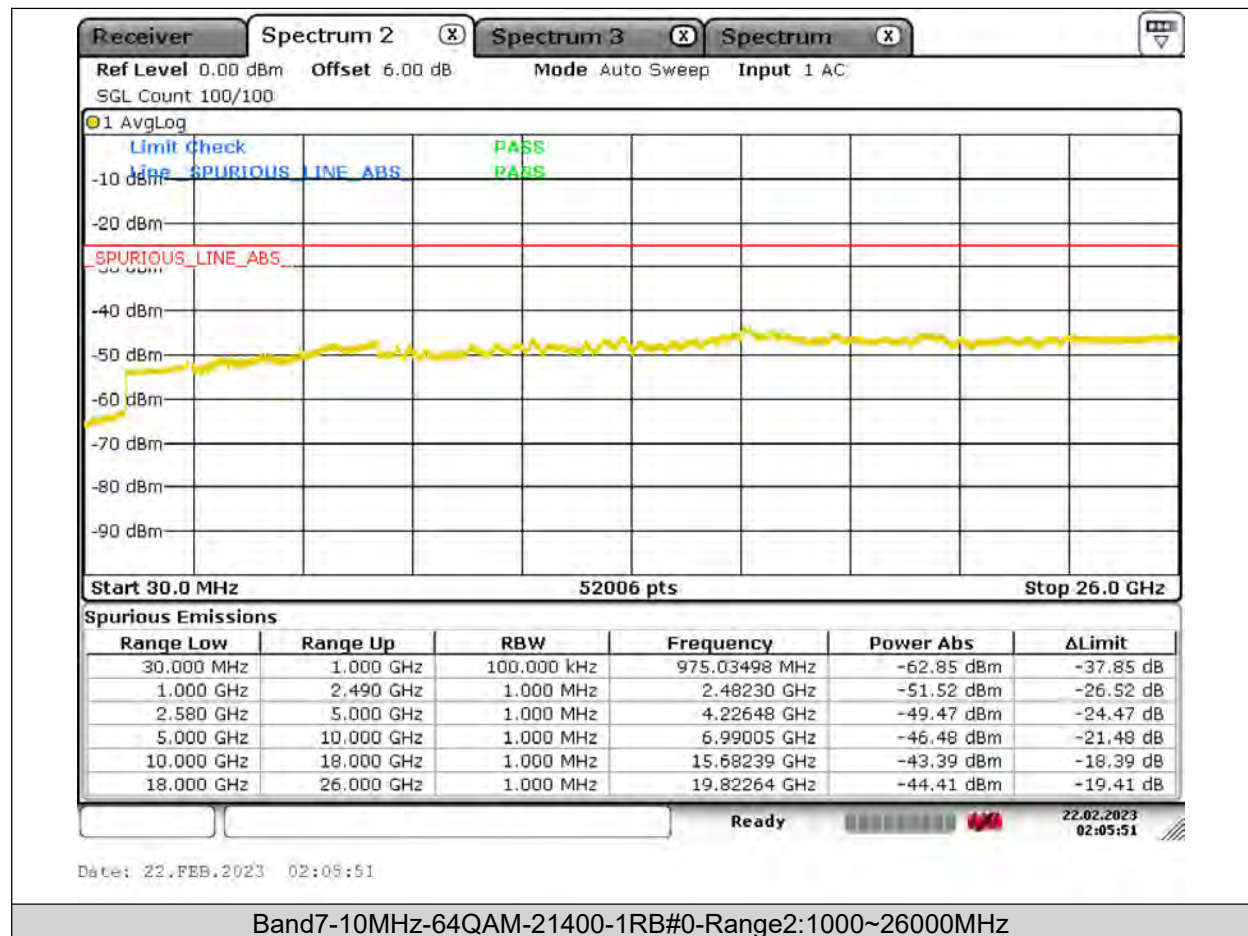
Date: 22.FEB.2023 01:40:20

Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz



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VERITAS

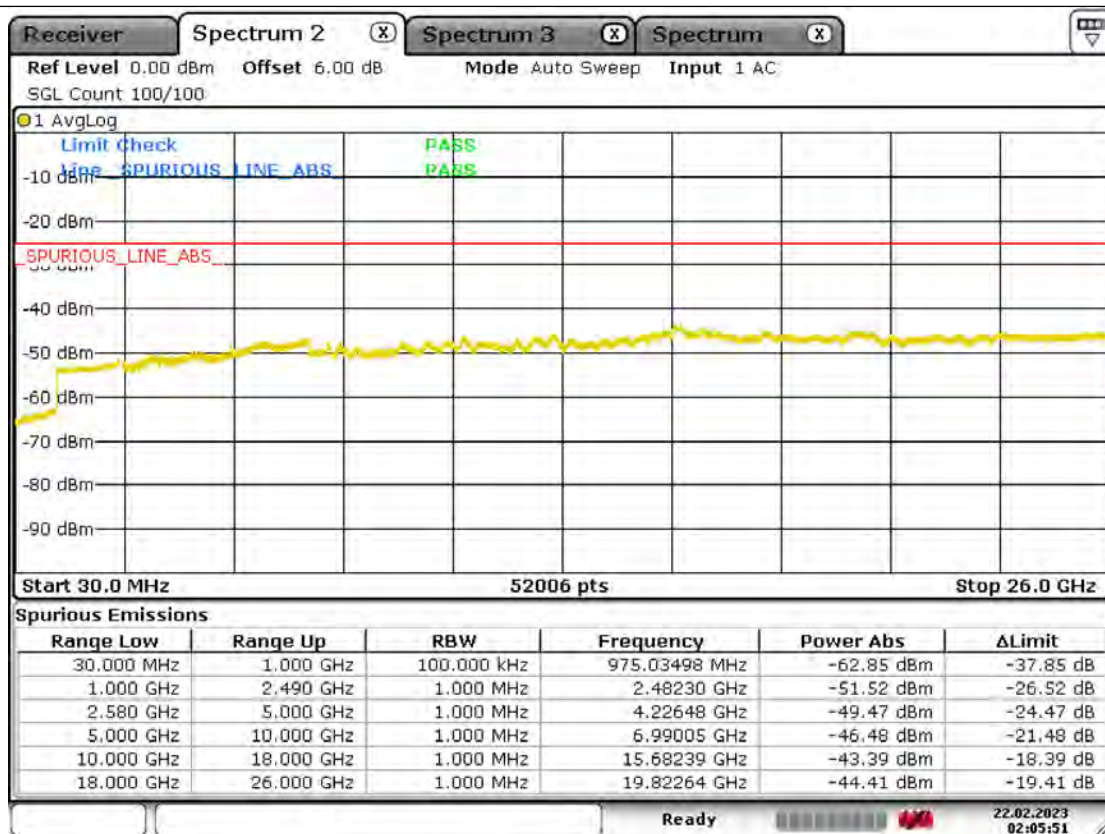
Test Report No.: PSU-QSU2309010210RF03





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VERITAS

Test Report No.: PSU-QSU2309010210RF03



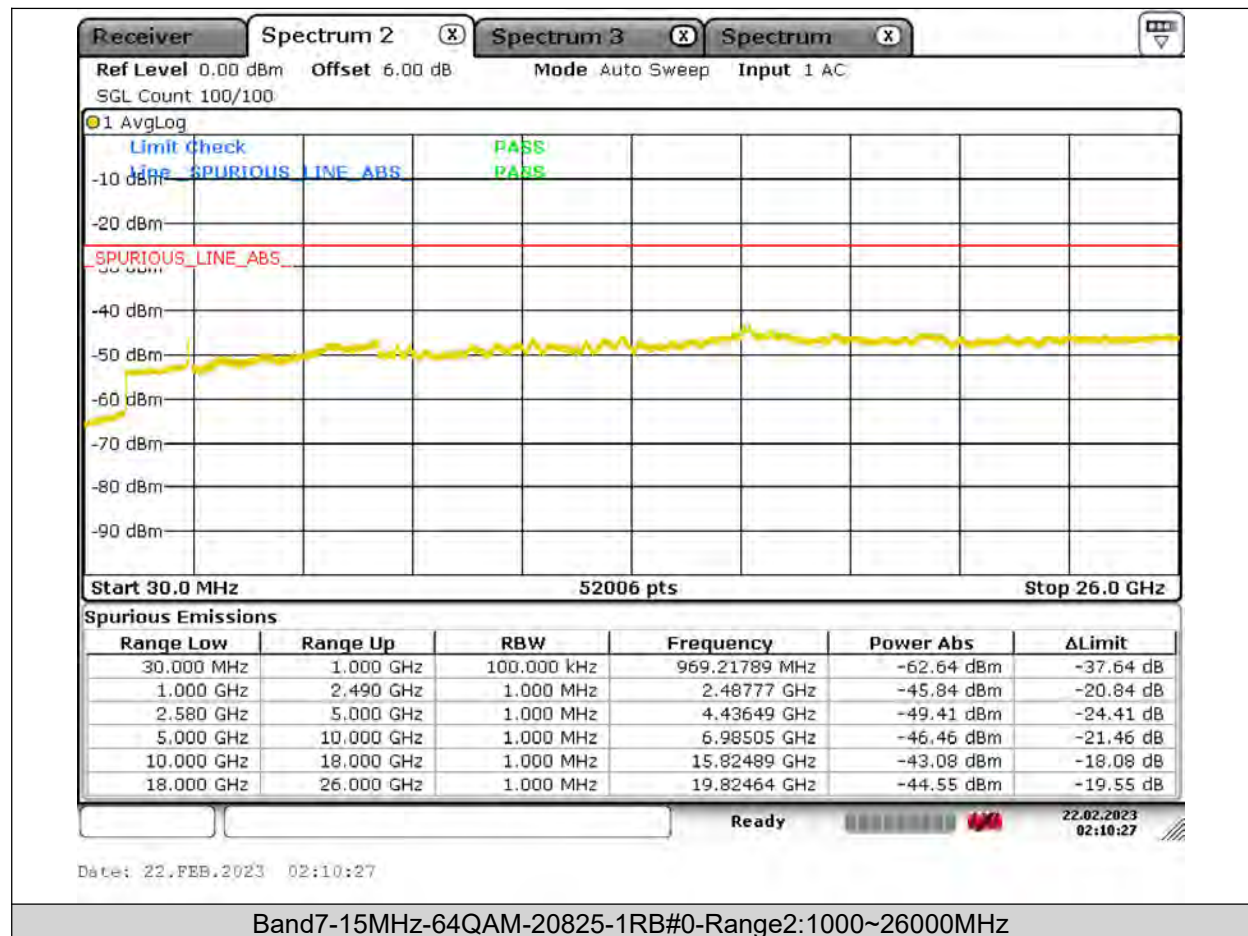
Date: 22.FEB.2023 02:05:51

Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz



BUREAU  
VERITAS

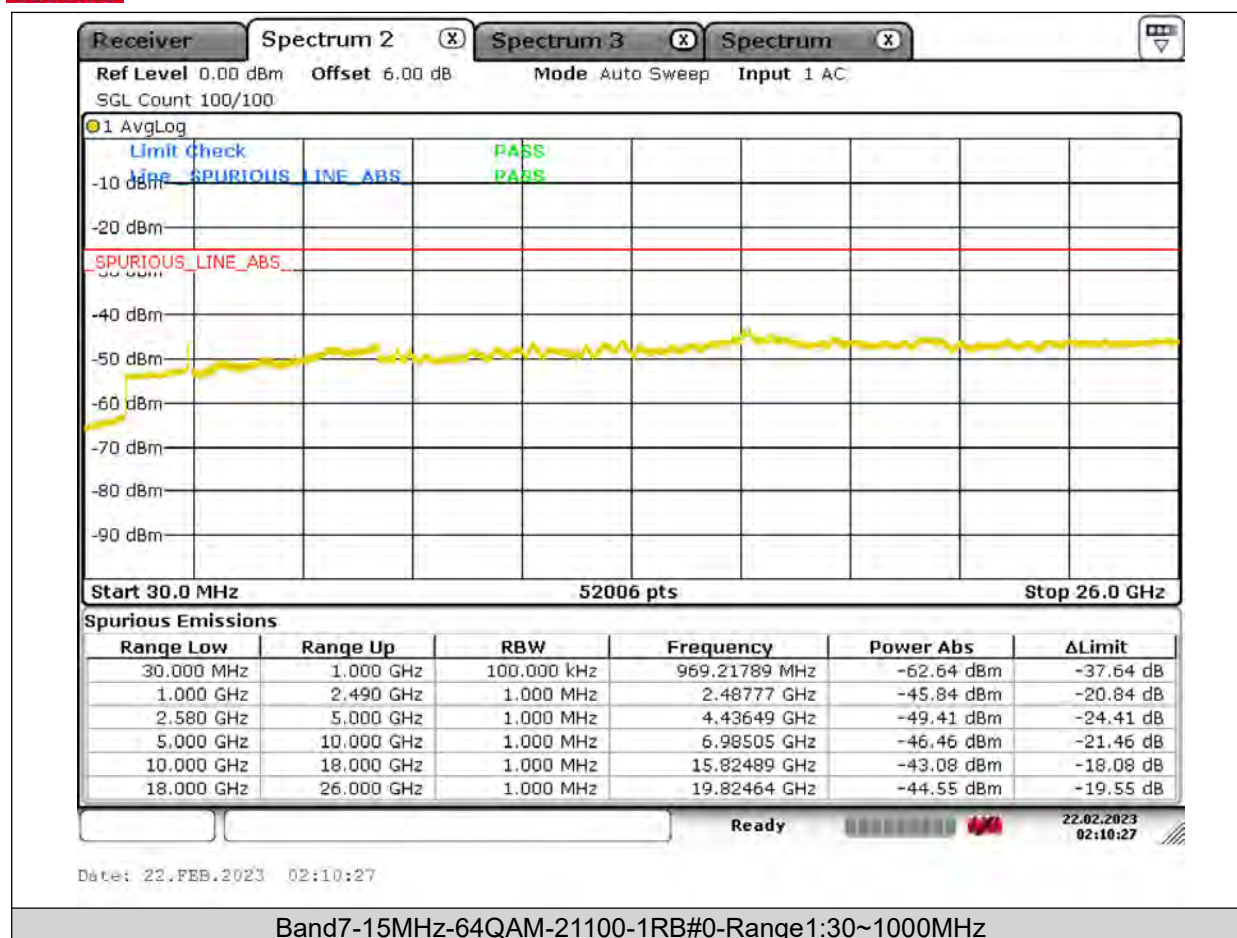
Test Report No.: PSU-QSU2309010210RF03





BUREAU  
VERITAS

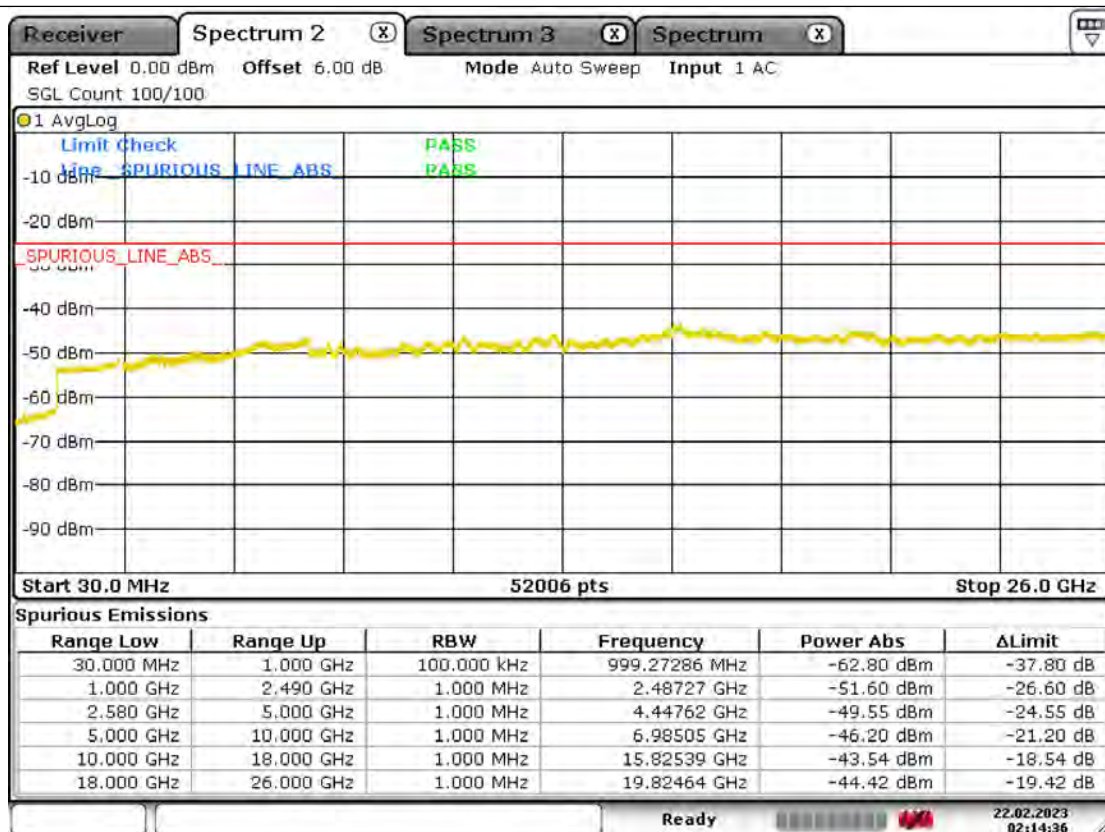
Test Report No.: PSU-QSU2309010210RF03





BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



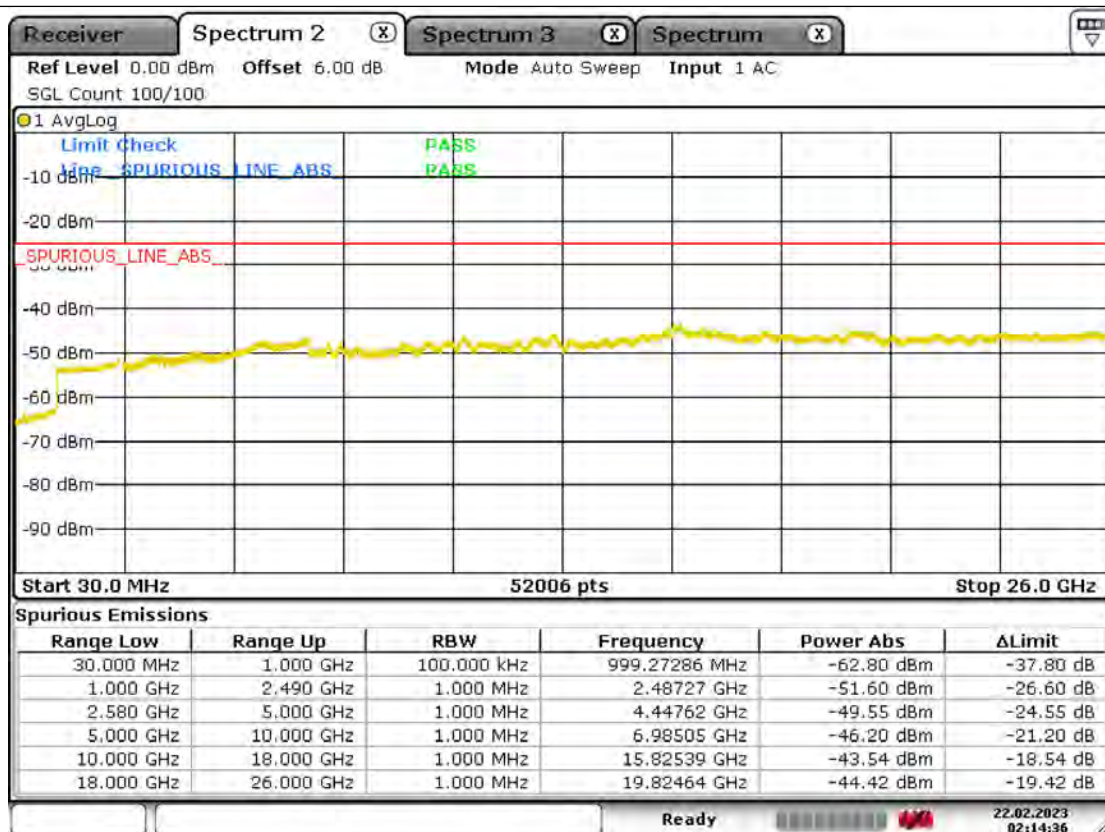
Date: 22.FEB.2023 02:14:36

Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~26000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



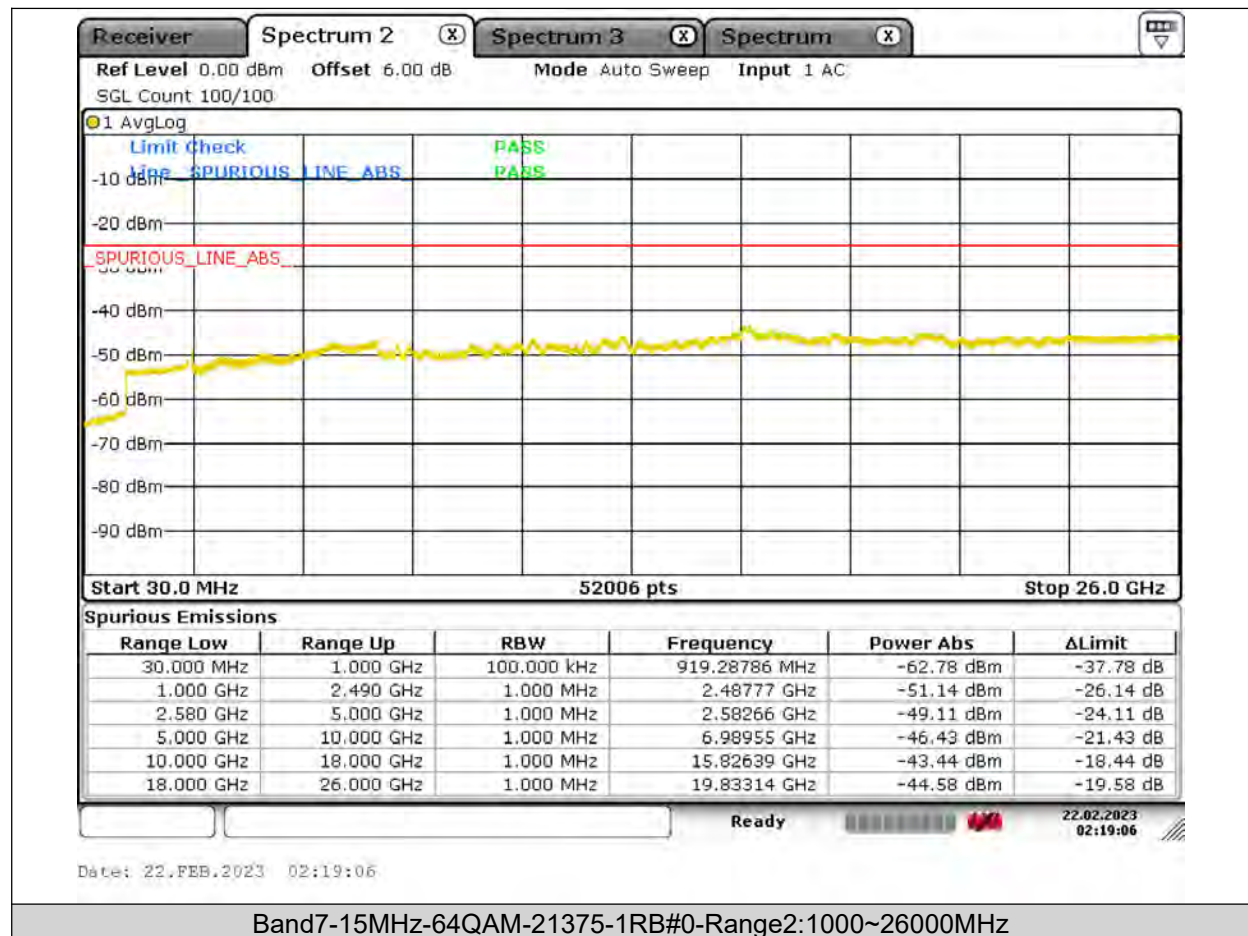
Date: 22.FEB.2023 02:14:36

Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz



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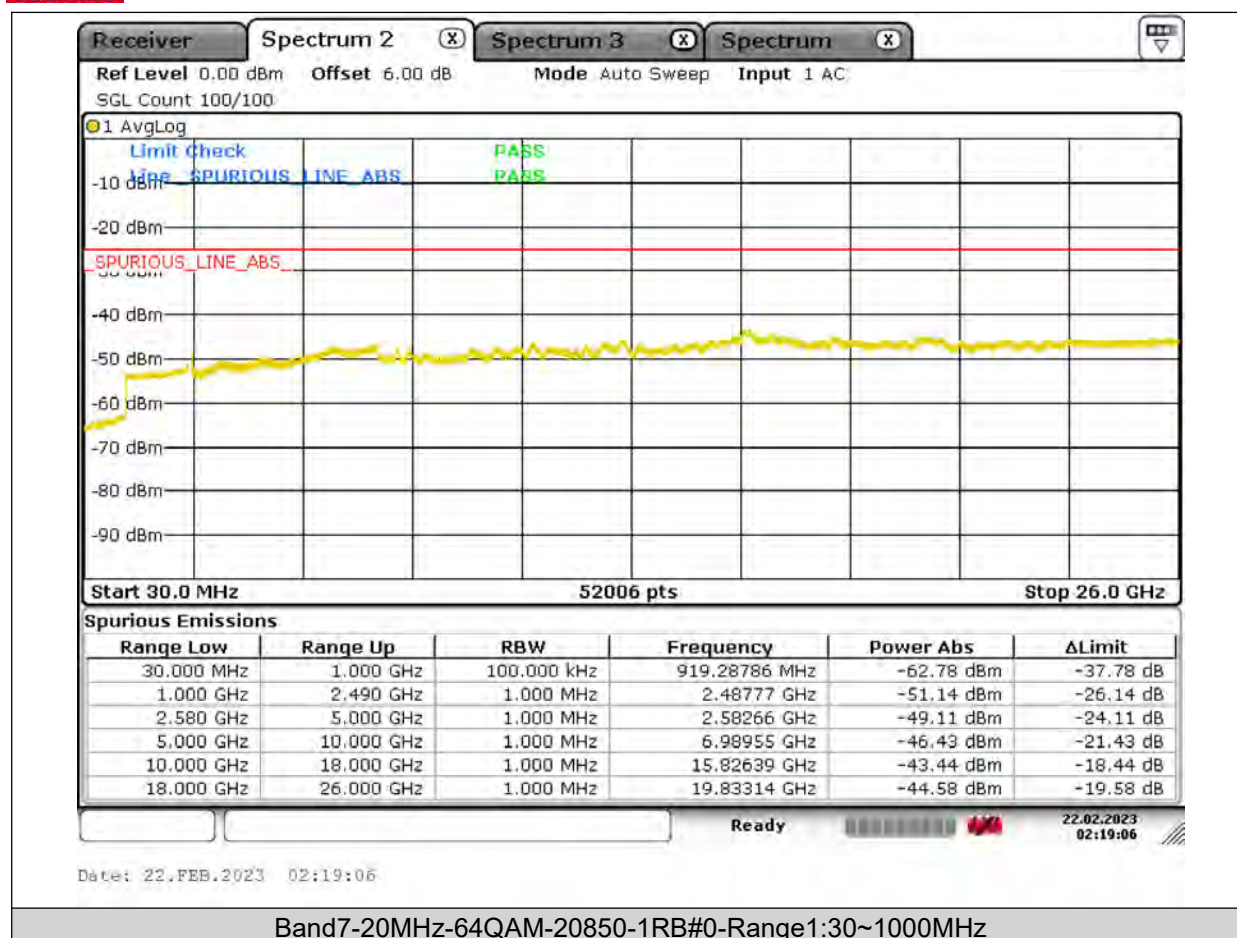
Test Report No.: PSU-QSU2309010210RF03





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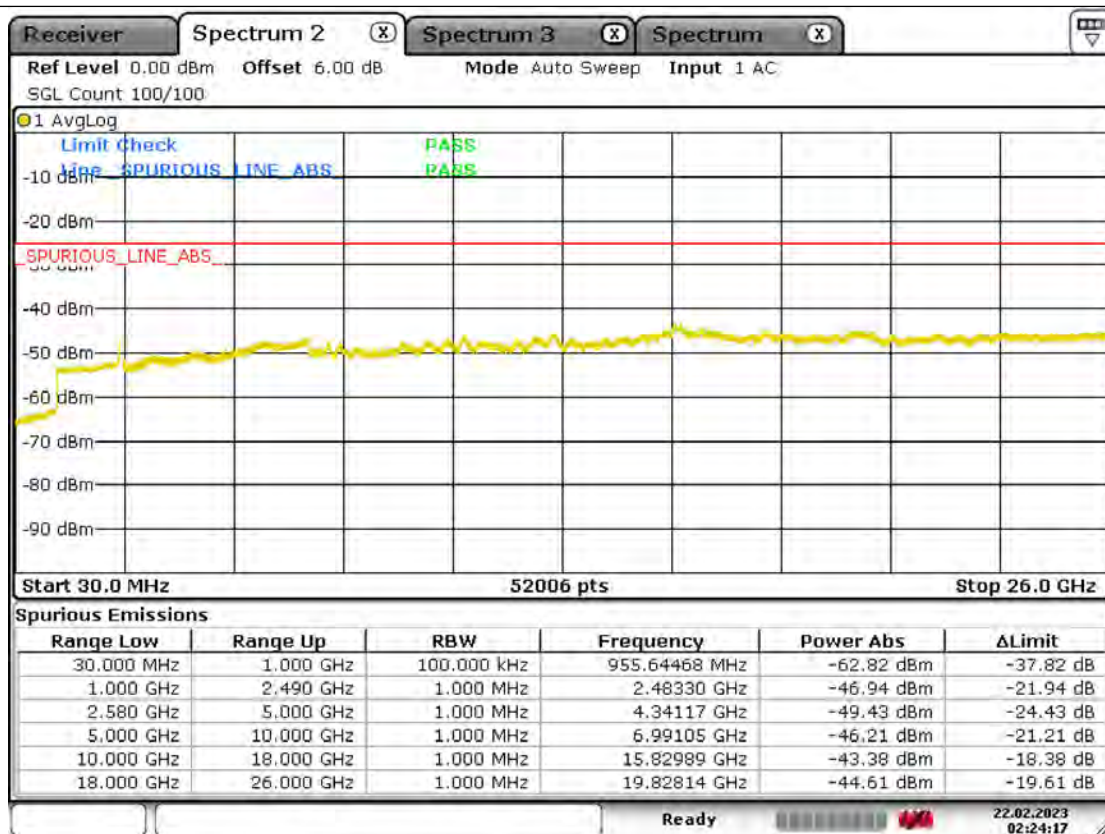
Test Report No.: PSU-QSU2309010210RF03





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Test Report No.: PSU-QSU2309010210RF03



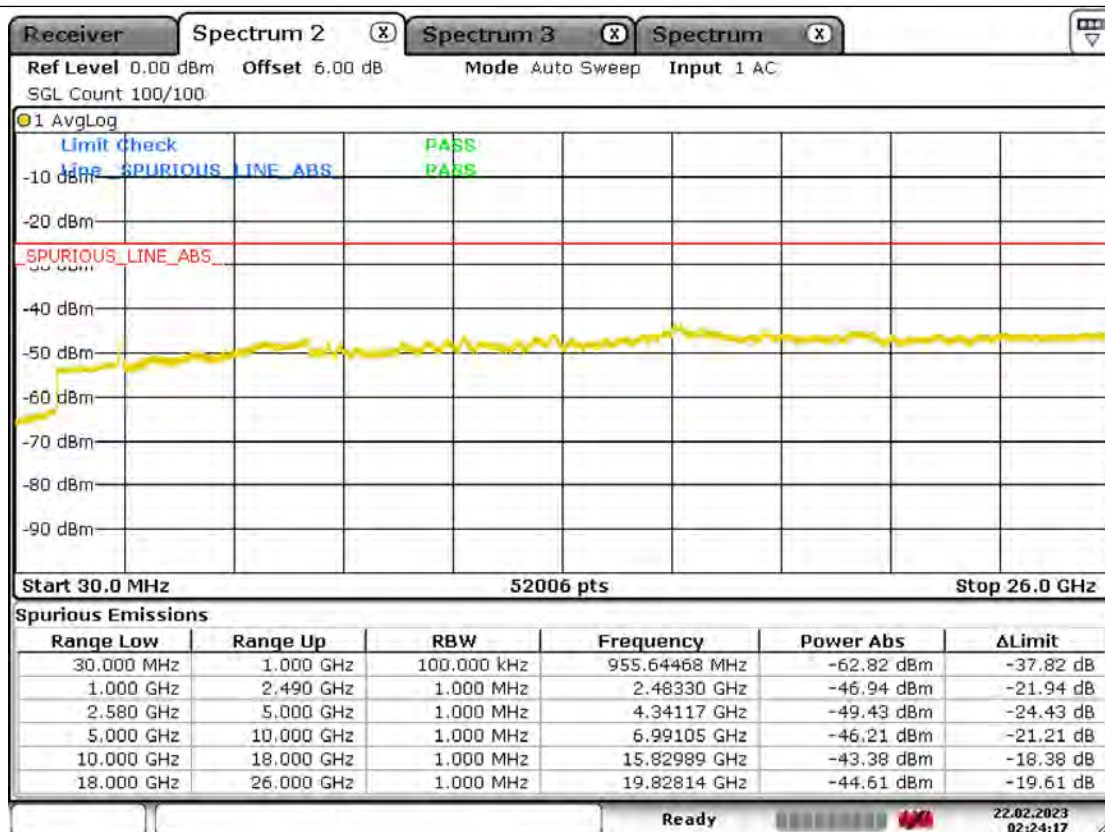
Date: 22.FEB.2023 02:24:17

Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~26000MHz



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Test Report No.: PSU-QSU2309010210RF03



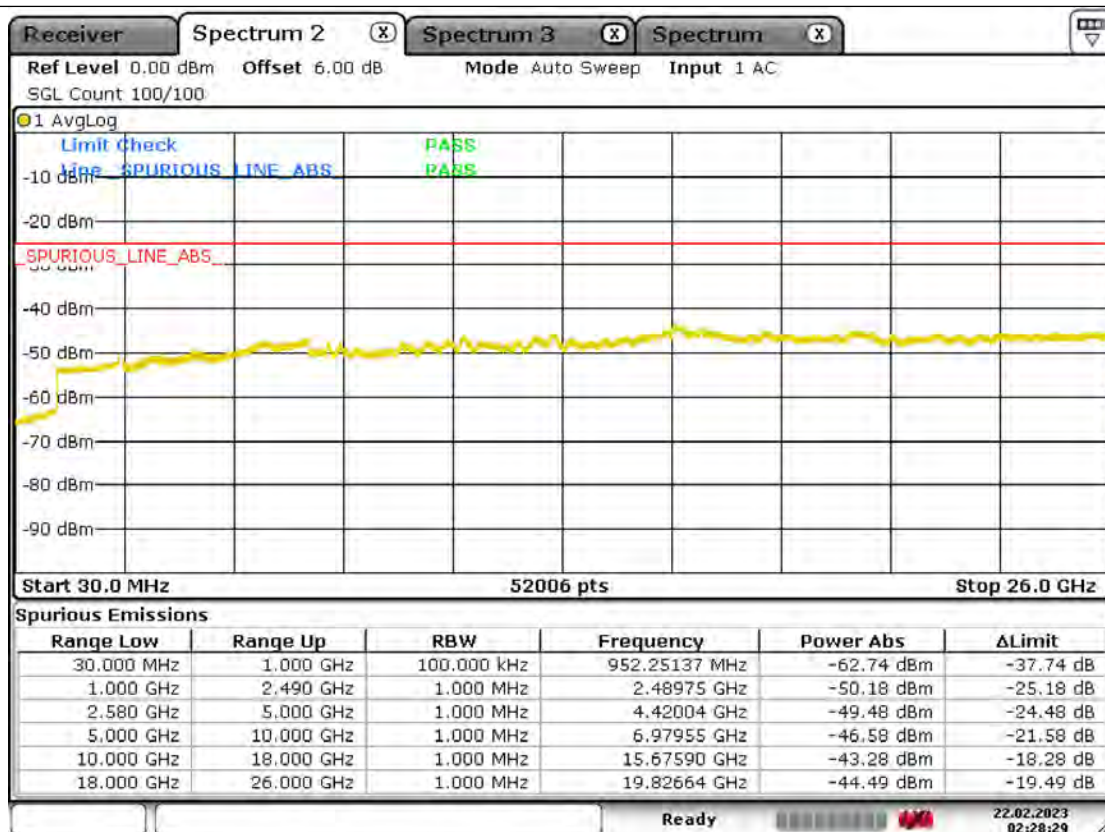
Date: 22.FEB.2023 02:24:17

Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



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Test Report No.: PSU-QSU2309010210RF03



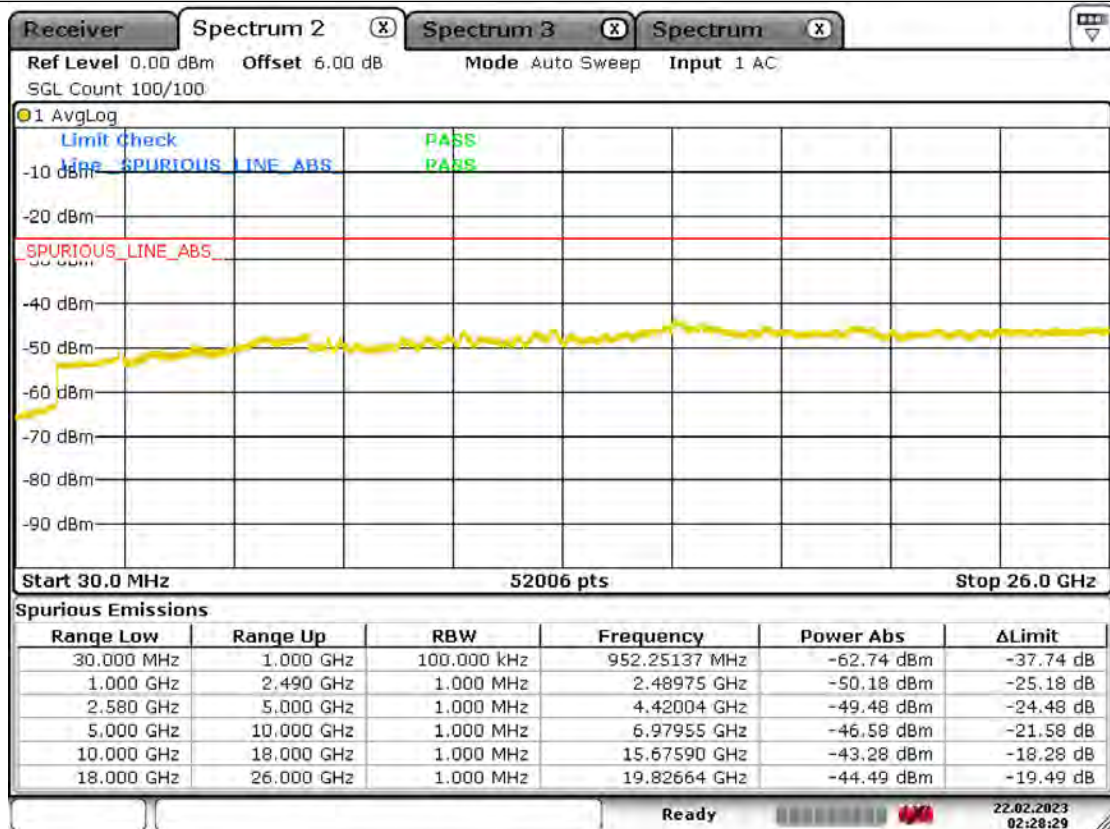
Date: 22.FEB.2023 02:28:29

Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~26000MHz



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Test Report No.: PSU-QSU2309010210RF03



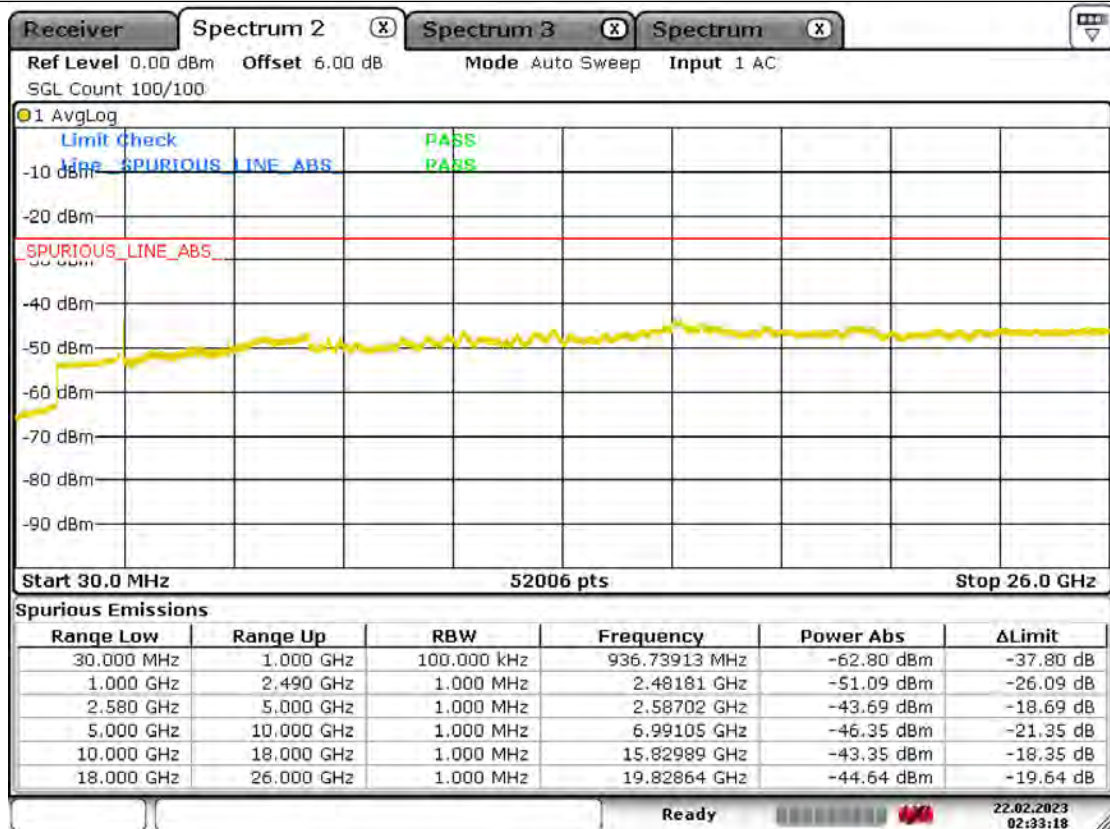
Date: 22.FEB.2023 02:28:29

Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



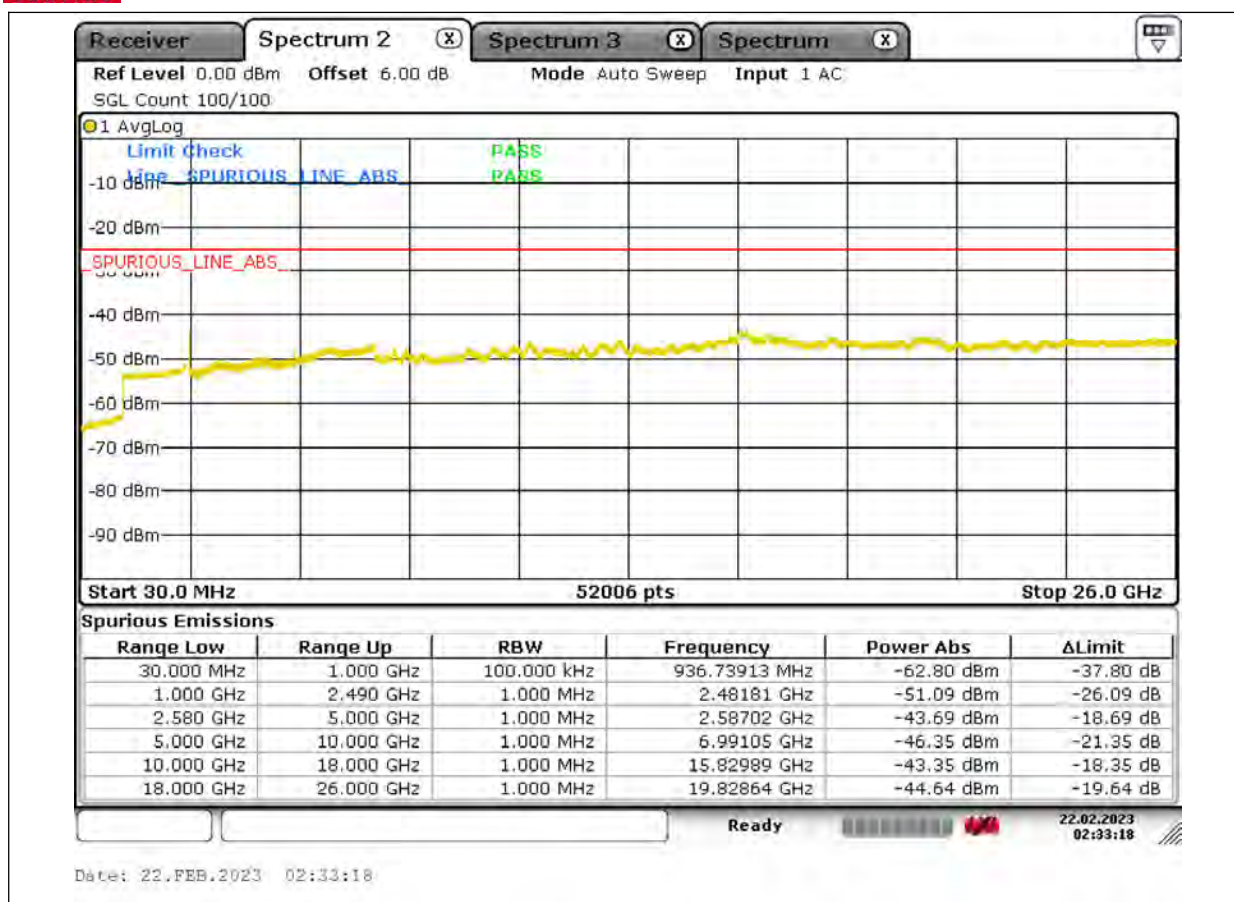
Date: 22.FEB.2023 02:33:18

Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~26000MHz



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Test Report No.: PSU-QSU2309010210RF03





Test Report No.: PSU-QSU2309010210RF03

## FREQUENCY STABILITY

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VL            | NT               | 11.2           | 0.004462        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VN            | NT               | 1.7            | 0.000677        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 20850   | 100RB#0      | VH            | NT               | -3.5           | -0.001394       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VL            | NT               | 13.1           | 0.005168        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VN            | NT               | -10.7          | -0.004221       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VH            | NT               | 12.7           | 0.005010        | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VL            | NT               | -9             | -0.003516       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VN            | NT               | -8             | -0.003125       | ±2.5        | PASS    |
| Band7   | 20MHz     | QPSK       | 21350   | 100RB#0      | VH            | NT               | -13.3          | -0.005195       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VL            | NT               | 16.8           | 0.006693        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VN            | NT               | -3.3           | -0.001315       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 20850   | 100RB#0      | VH            | NT               | 7.1            | 0.002829        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VL            | NT               | -0.2           | -0.000079       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VN            | NT               | 14.6           | 0.005759        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21100   | 100RB#0      | VH            | NT               | -0.9           | -0.000355       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VL            | NT               | 19.6           | 0.007656        | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VN            | NT               | -10.6          | -0.004141       | ±2.5        | PASS    |
| Band7   | 20MHz     | 16QAM      | 21350   | 100RB#0      | VH            | NT               | 16.5           | 0.006445        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 20850   | 100RB#0      | VL            | NT               | 12.5           | 0.004980        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 20850   | 100RB#0      | VN            | NT               | 16.8           | 0.006693        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 20850   | 100RB#0      | VH            | NT               | -14.4          | -0.005737       | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21100   | 100RB#0      | VL            | NT               | 3              | 0.001183        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21100   | 100RB#0      | VN            | NT               | 9.7            | 0.003826        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21100   | 100RB#0      | VH            | NT               | -6.7           | -0.002643       | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21350   | 100RB#0      | VL            | NT               | 2.5            | 0.000977        | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21350   | 100RB#0      | VN            | NT               | -4.1           | -0.001602       | ±2.5        | PASS    |
| Band7   | 20MHz     | 64QAM      | 21350   | 100RB#0      | VH            | NT               | -6.4           | -0.002500       | ±2.5        | PASS    |



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| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | -30              | 23             | 0.009163        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | -20              | 18.6           | 0.007410        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 0                | -27.4          | -0.010916       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 10               | 2              | 0.000797        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | 20               | 1.1            | 0.000438        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -30              | -23.7          | -0.009442       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -20              | 25.9           | 0.010319        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 0                | 23.3           | 0.009283        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 10               | -8             | -0.003156       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 20               | 29.4           | 0.011598        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21350   | 100RB#0      | NV            | -30              | 15.9           | 0.006272        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21350   | 100RB#0      | NV            | -20              | 23.6           | 0.009310        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21350   | 100RB#0      | NV            | 0                | 5.2            | 0.002051        | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21350   | 100RB#0      | NV            | 10               | -0.9           | -0.000355       | ±2.5        | PASS    |
| Band7       | 20MHz     | QPSK       | 21350   | 100RB#0      | NV            | 20               | -23.2          | -0.009152       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 20850   | 100RB#0      | NV            | -30              | -12            | -0.004734       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 20850   | 100RB#0      | NV            | -20              | 10.7           | 0.004180        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 20850   | 100RB#0      | NV            | 0                | 26             | 0.010156        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 20850   | 100RB#0      | NV            | 10               | 16.2           | 0.006328        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 20850   | 100RB#0      | NV            | 20               | -21.2          | -0.008281       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21100   | 100RB#0      | NV            | -30              | 5.2            | 0.002031        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21100   | 100RB#0      | NV            | -20              | -4.7           | -0.001836       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21100   | 100RB#0      | NV            | 0                | -2.7           | -0.001055       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21100   | 100RB#0      | NV            | 10               | -26.7          | -0.010430       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21100   | 100RB#0      | NV            | 20               | 24.1           | 0.009602        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21350   | 100RB#0      | NV            | -30              | -7.3           | -0.002908       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21350   | 100RB#0      | NV            | -20              | 23.4           | 0.009323        | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21350   | 100RB#0      | NV            | 0                | -3.2           | -0.001275       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21350   | 100RB#0      | NV            | 10               | -27.8          | -0.011076       | ±2.5        | PASS    |
| Band7       | 20MHz     | 16QAM      | 21350   | 100RB#0      | NV            | 20               | -1.7           | -0.000677       | ±2.5        | PASS    |



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|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -30 | 21.5  | 0.008566  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -20 | 9.6   | 0.003825  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 0   | -16.3 | -0.006494 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 10  | 3.7   | 0.001474  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 20  | -22.3 | -0.008884 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -30 | -8.1  | -0.003227 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -20 | 16.7  | 0.006653  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 0   | 15.2  | 0.006056  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 10  | -26.3 | -0.010375 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 20  | 22.3  | 0.008797  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -30 | 1.9   | 0.000750  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -20 | -22.6 | -0.008915 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 0   | 26.9  | 0.010611  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 10  | 28    | 0.011045  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 20  | 25    | 0.009862  | ±2.5 | PASS |



Test Report No.: PSU-QSU2309010210RF03

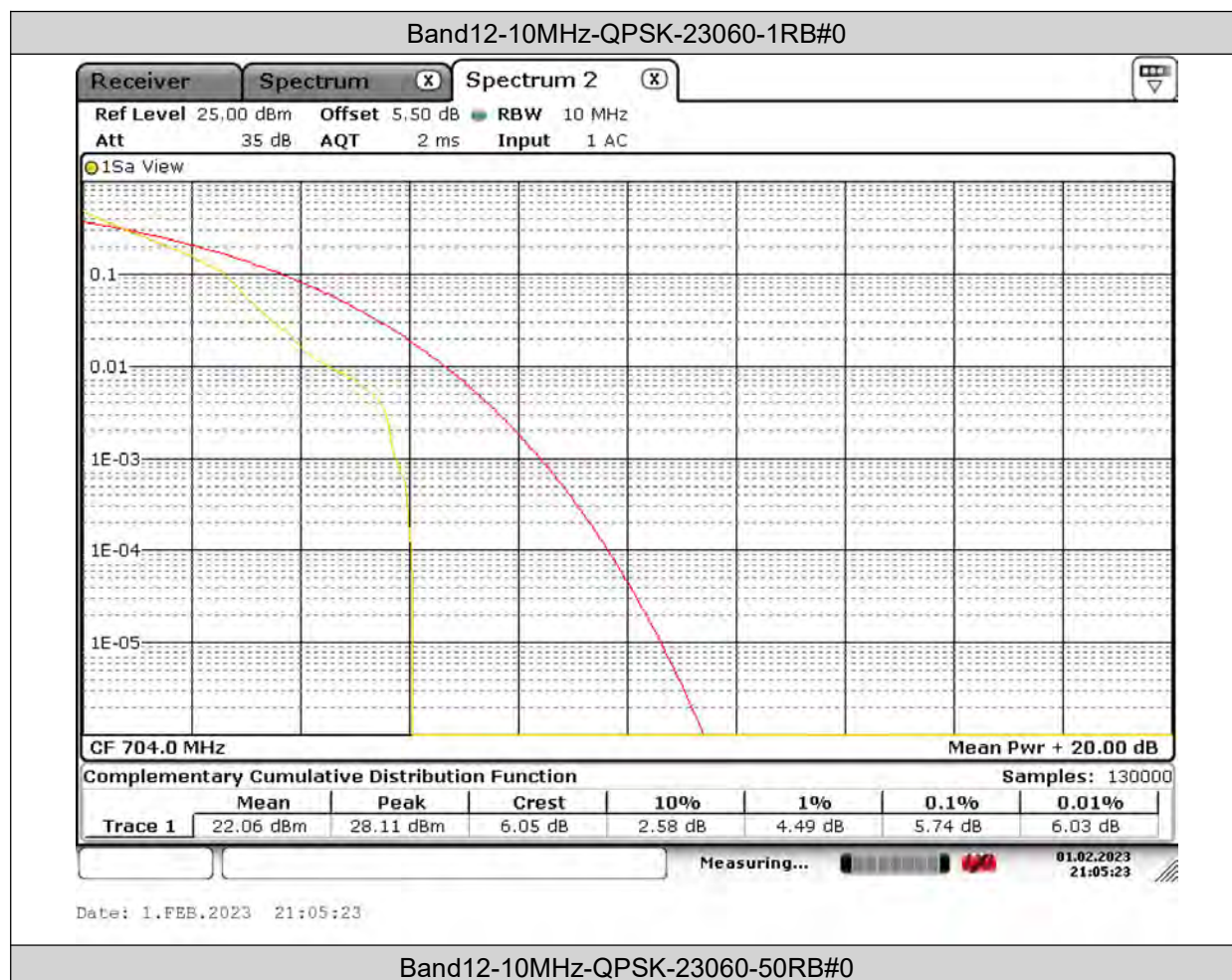
## LTE BAND12

### PEAK-TO-AVERAGE RATIO(CCDF)

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 5.74       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 6.43       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 5.36       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 5.51       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 5.36       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 5.51       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 1RB#0            | 6.17       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | 6.43       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 1RB#0            | 5.83       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 50RB#0           | 6.43       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 1RB#0            | 6.09       | 13        | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | 6.38       | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23060   | 1RB#0            | 6.67       | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23060   | 50RB#0           | 6.7        | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23095   | 1RB#0            | 6.14       | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23095   | 50RB#0           | 6.58       | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23130   | 1RB#0            | 6.2        | 13        | PASS    |
| Band12 | 10MHz     | 64QAM      | 23130   | 50RB#0           | 6.49       | 13        | PASS    |

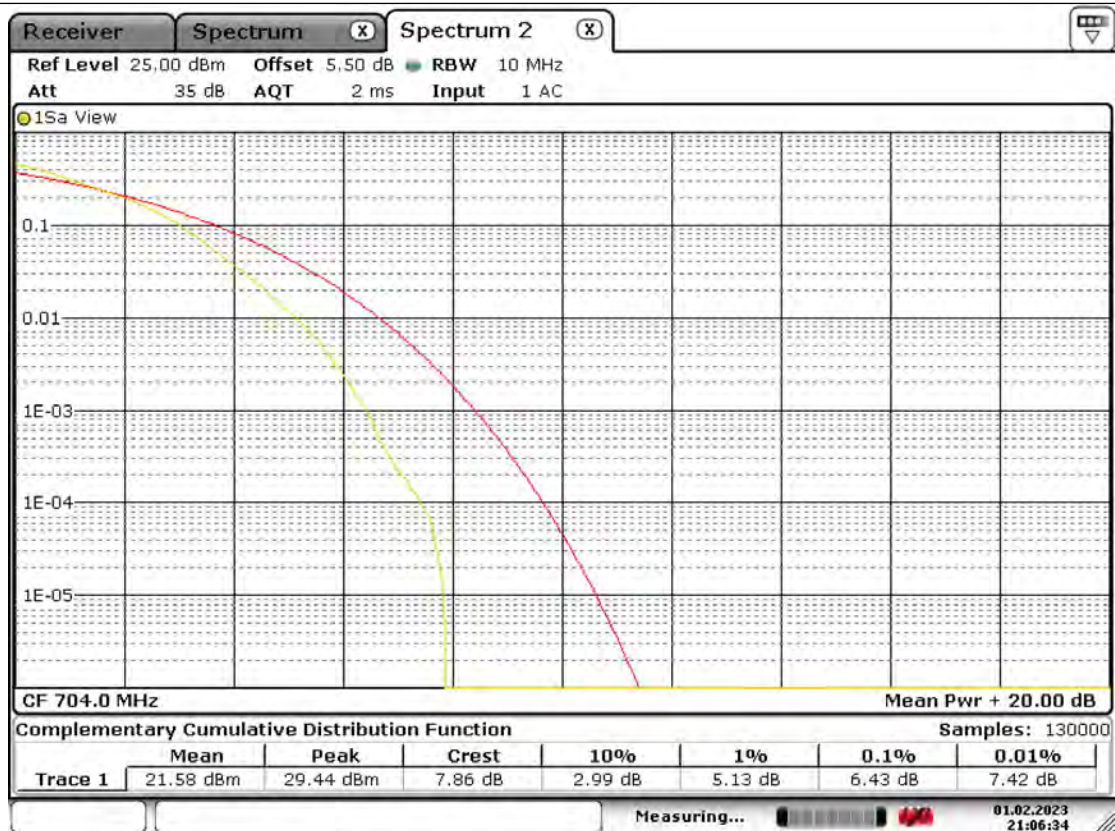
## Test Graphs





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Test Report No.: PSU-QSU2309010210RF03



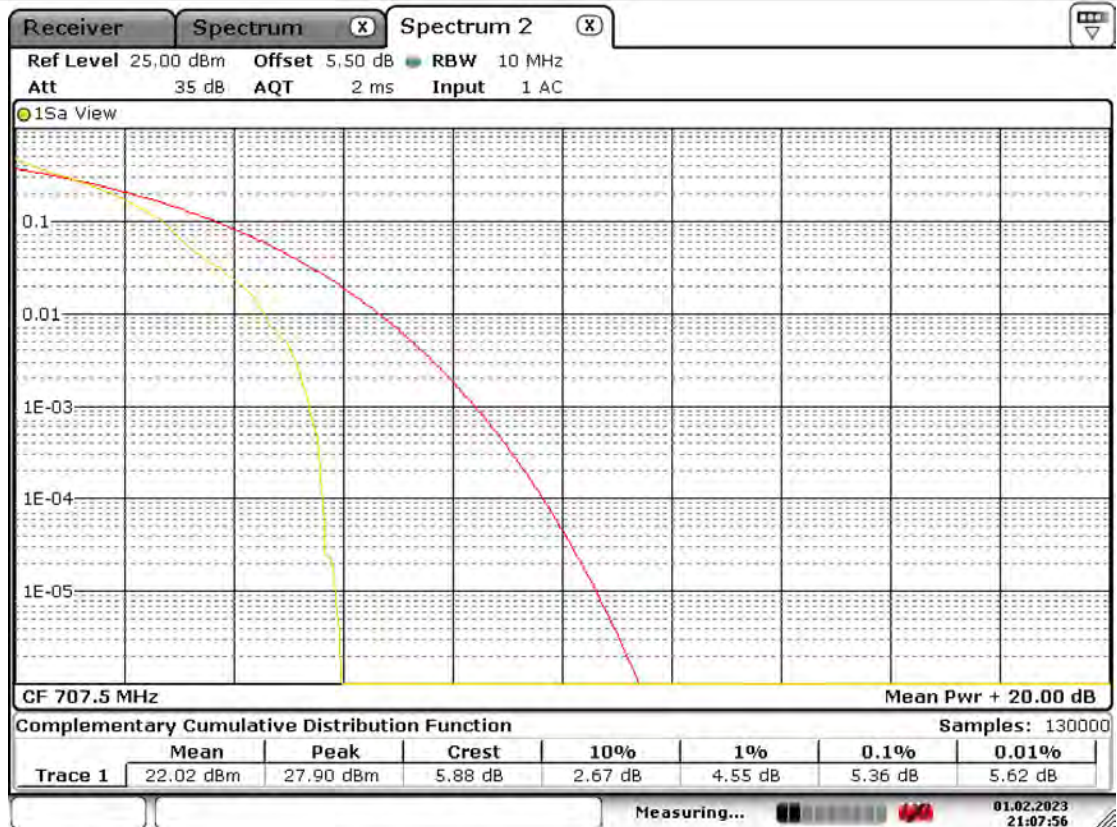
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Band12-10MHz-QPSK-23095-1RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



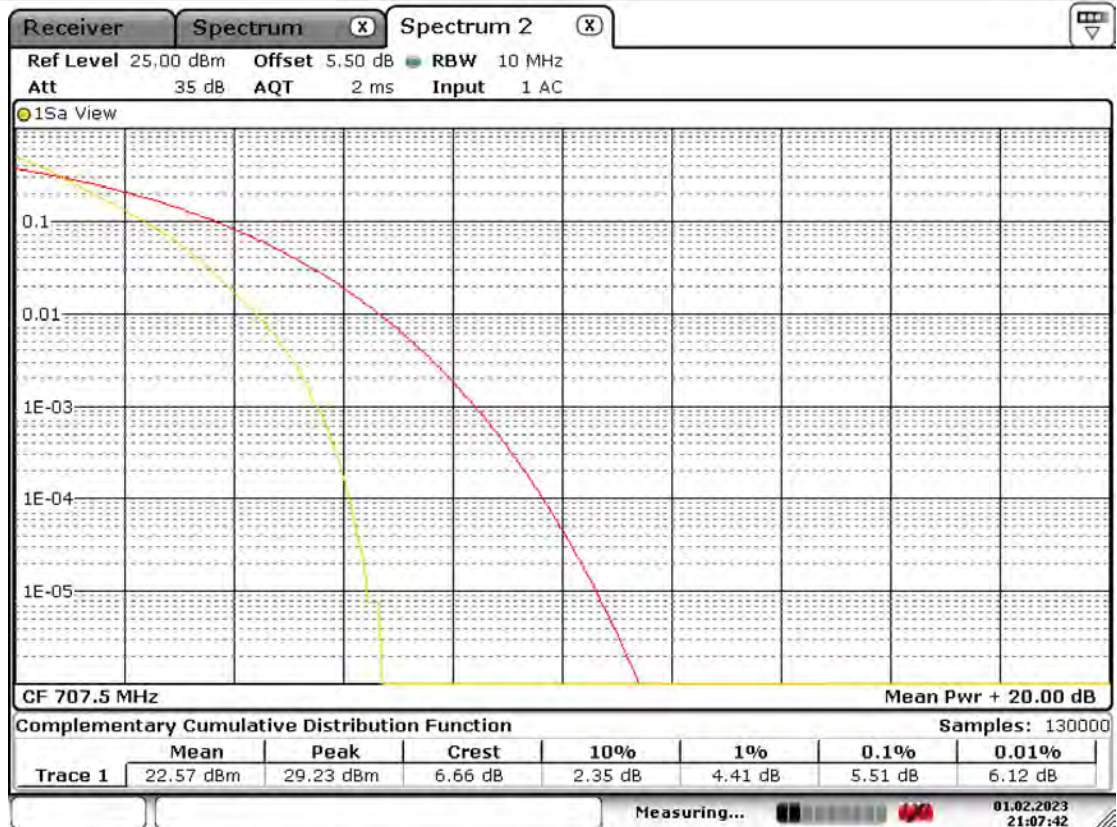
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Band12-10MHz-QPSK-23095-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



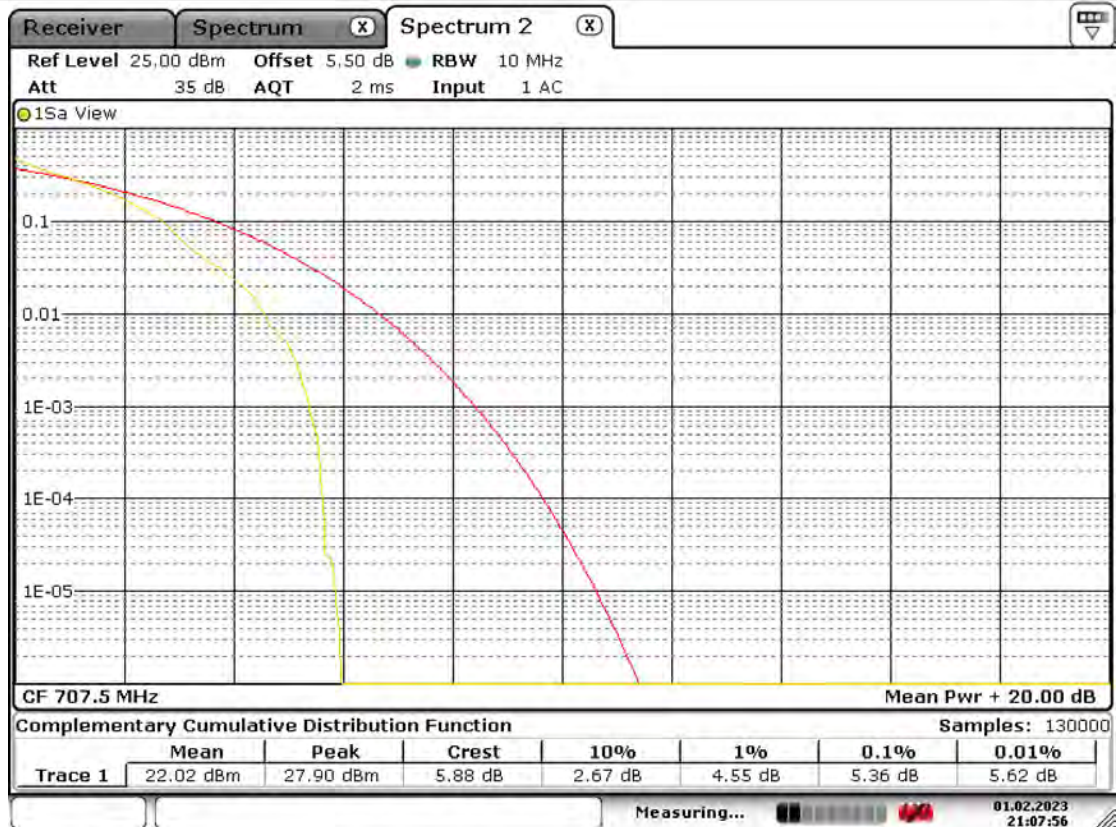
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Band12-10MHz-QPSK-23130-1RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



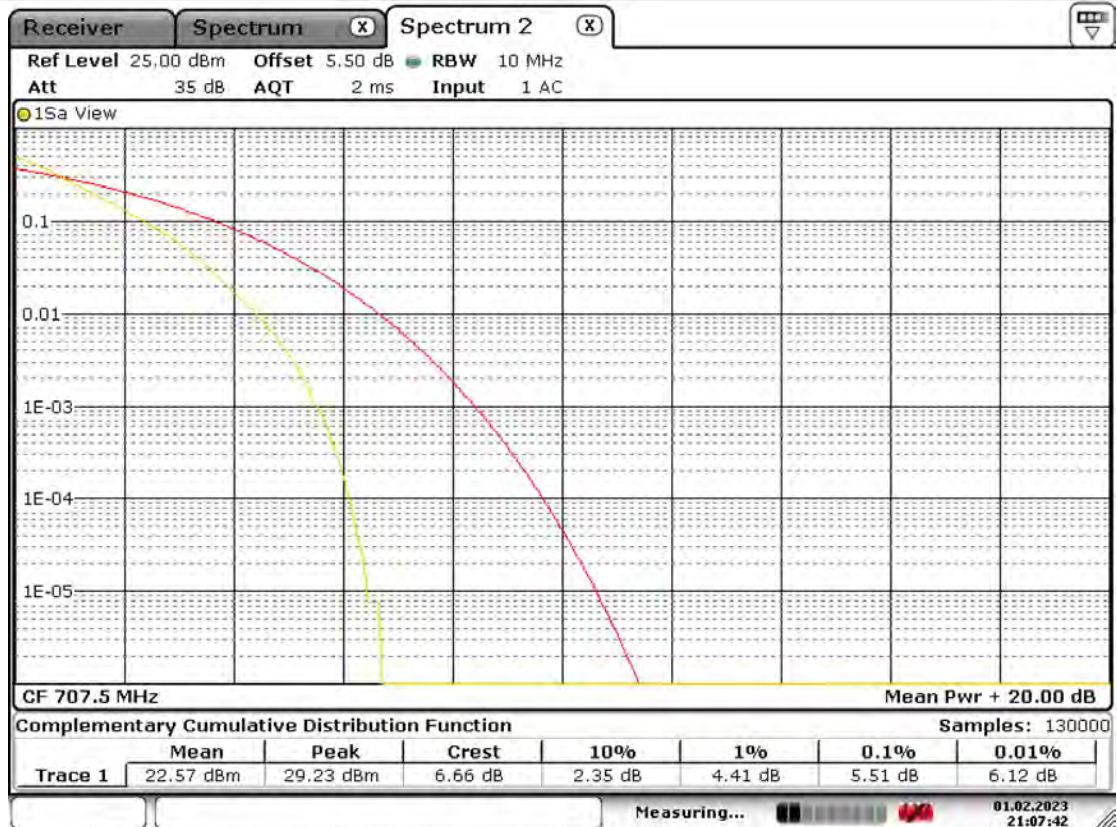
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Band12-10MHz-QPSK-23130-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



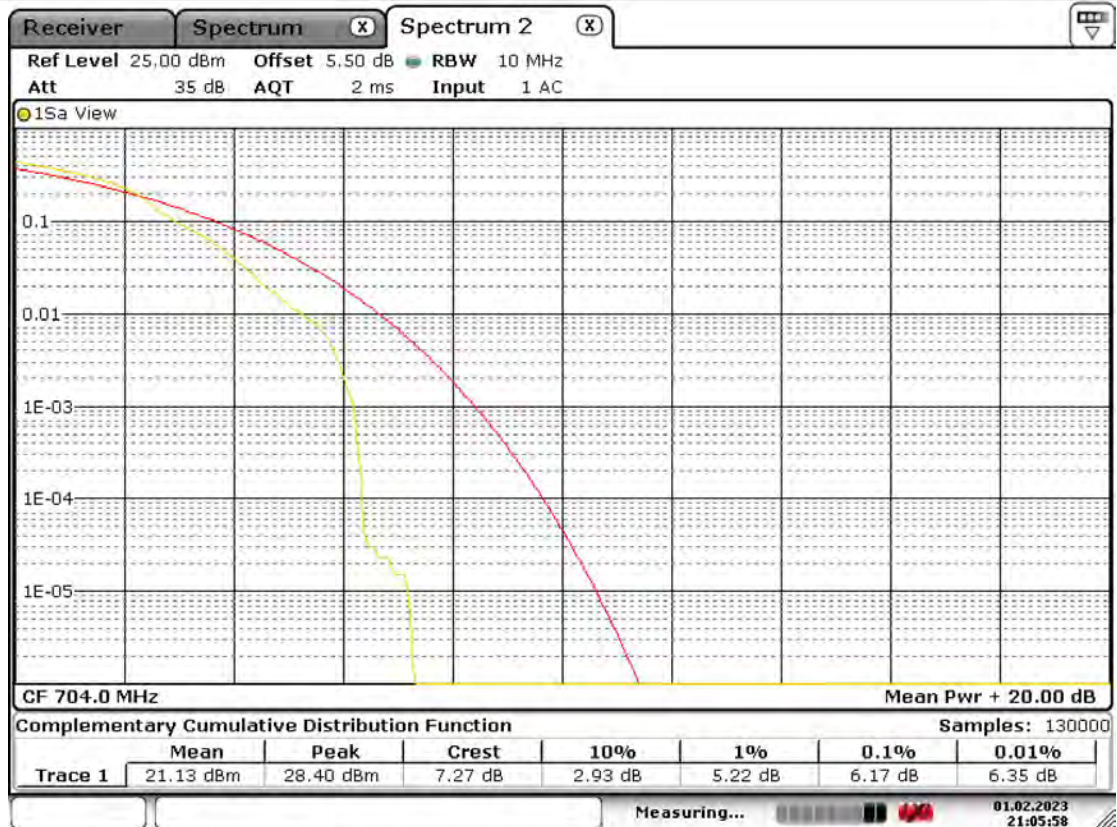
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Band12-10MHz-16QAM-23060-1RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



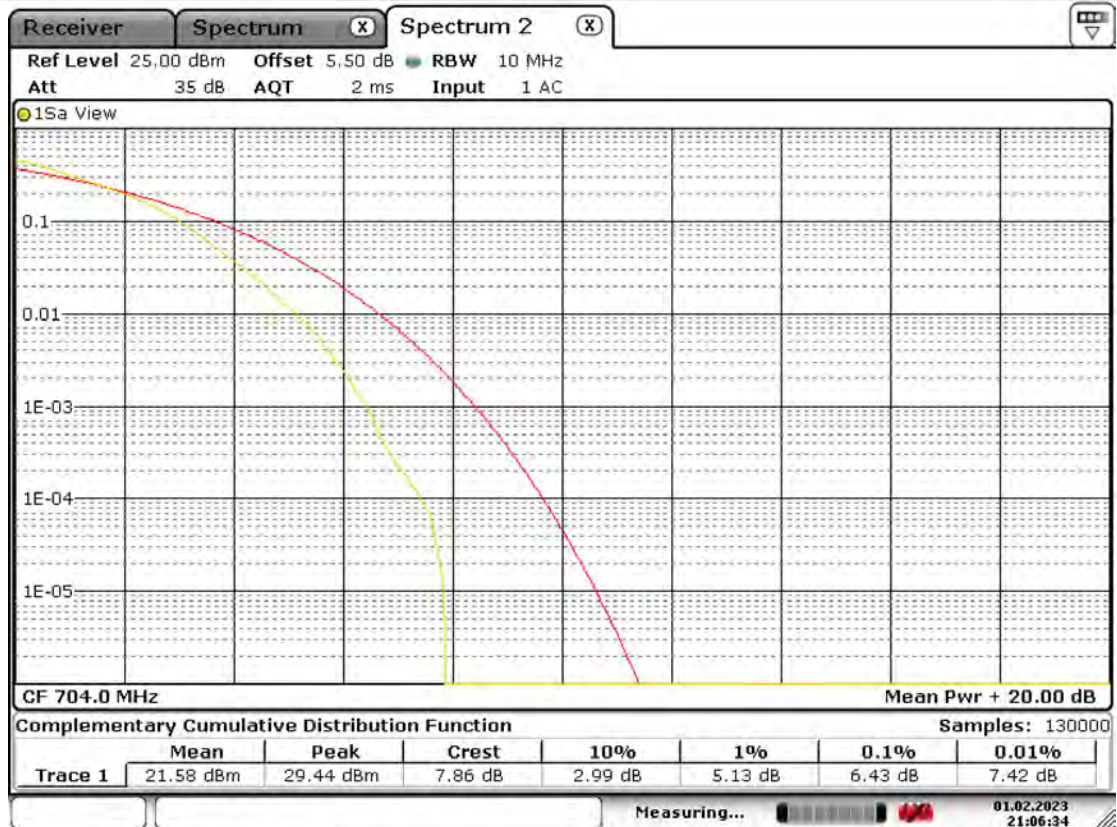
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Band12-10MHz-16QAM-23060-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



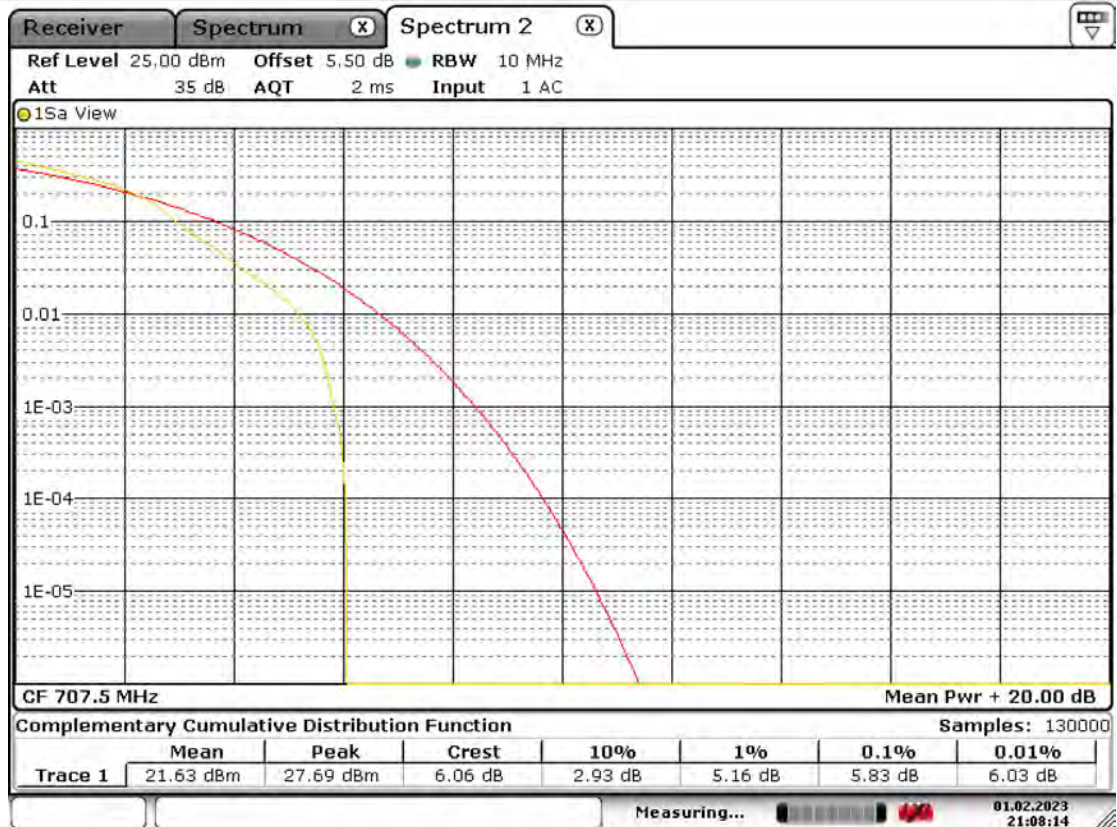
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Band12-10MHz-16QAM-23095-1RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



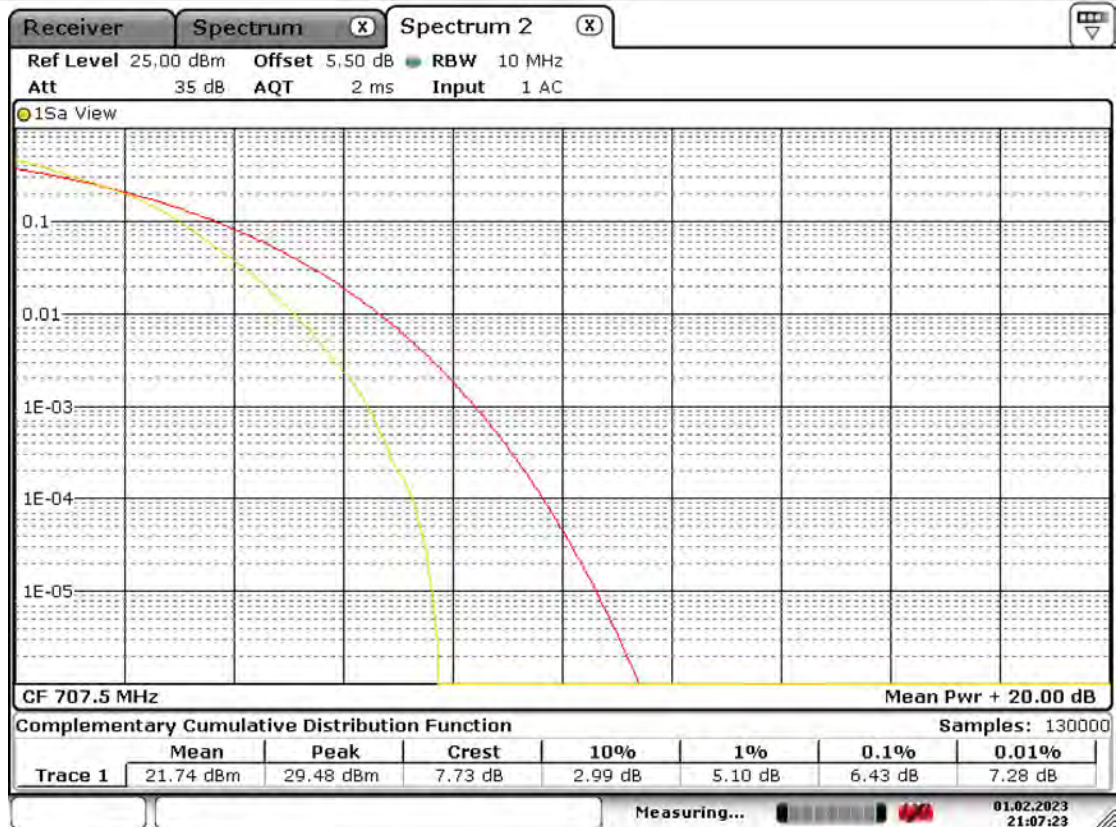
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Band12-10MHz-16QAM-23095-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



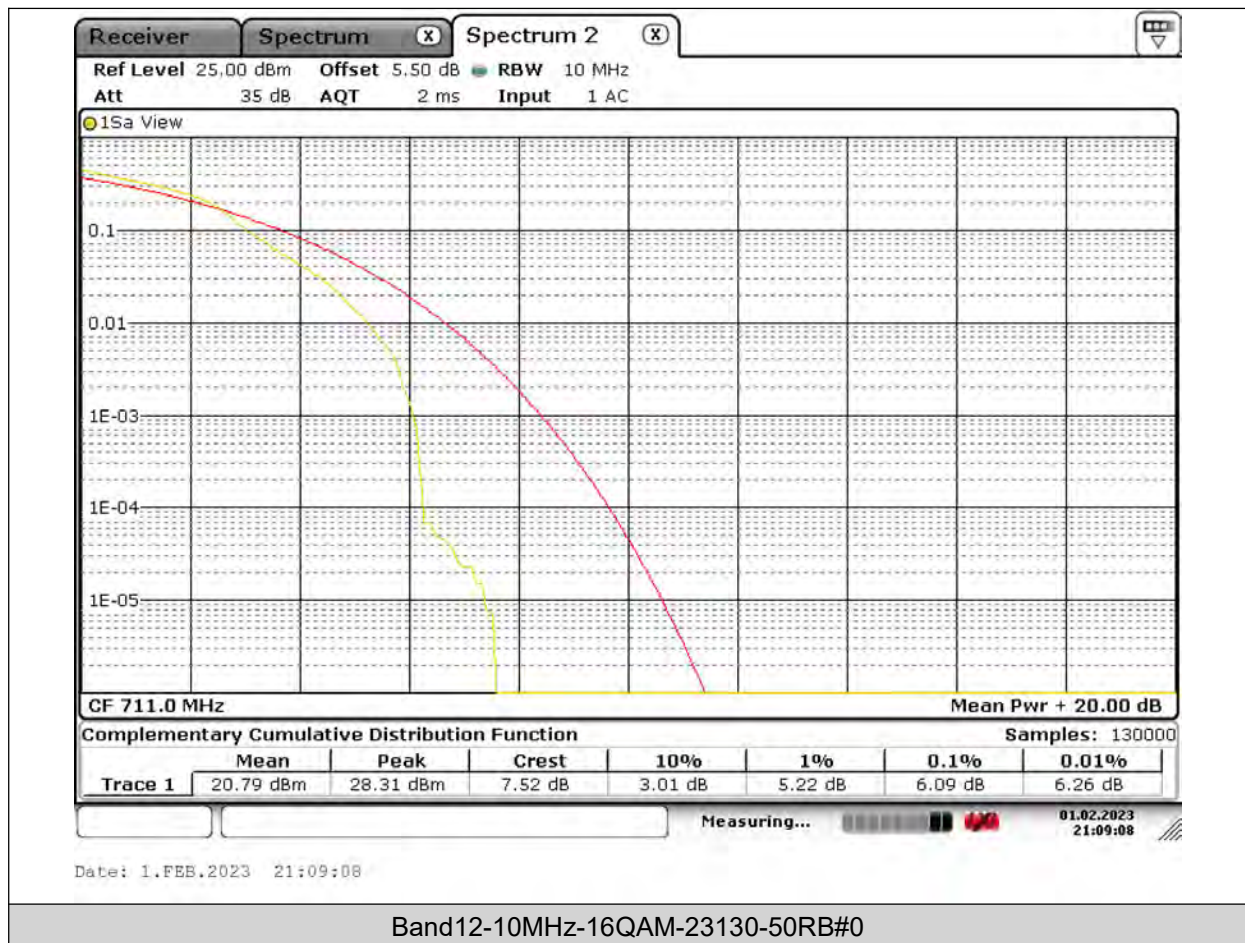
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Band12-10MHz-16QAM-23130-1RB#0



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VERITAS

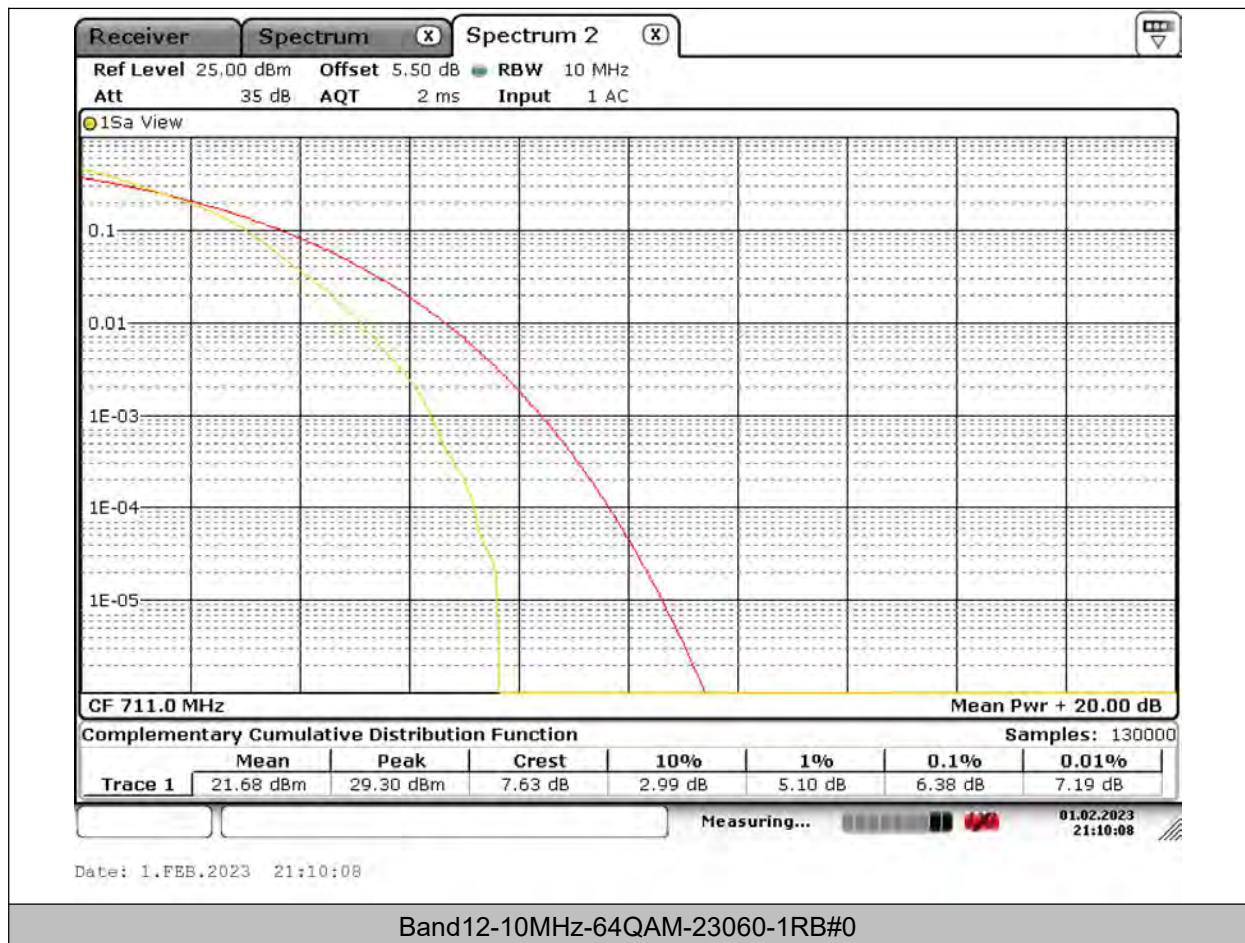
Test Report No.: PSU-QSU2309010210RF03





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VERITAS

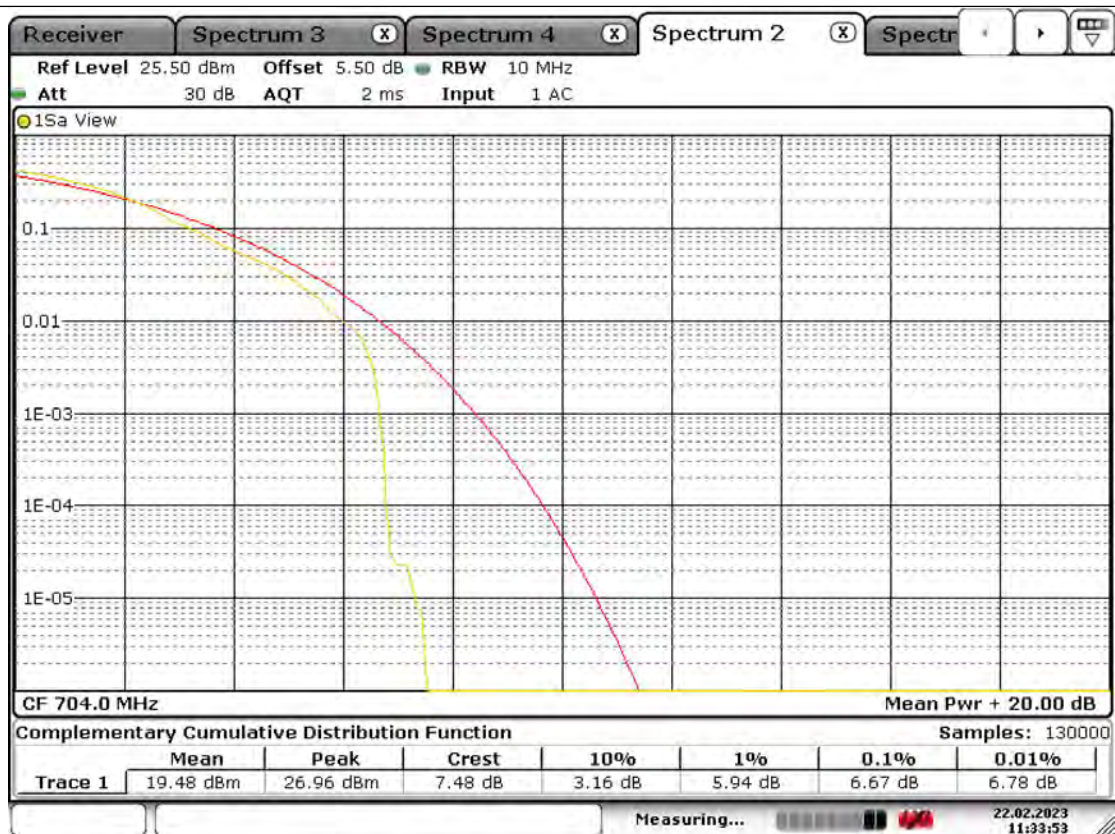
Test Report No.: PSU-QSU2309010210RF03





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VERITAS

Test Report No.: PSU-QSU2309010210RF03



Date: 22.FEB.2023 11:33:53

Band12-10MHz-64QAM-23060-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



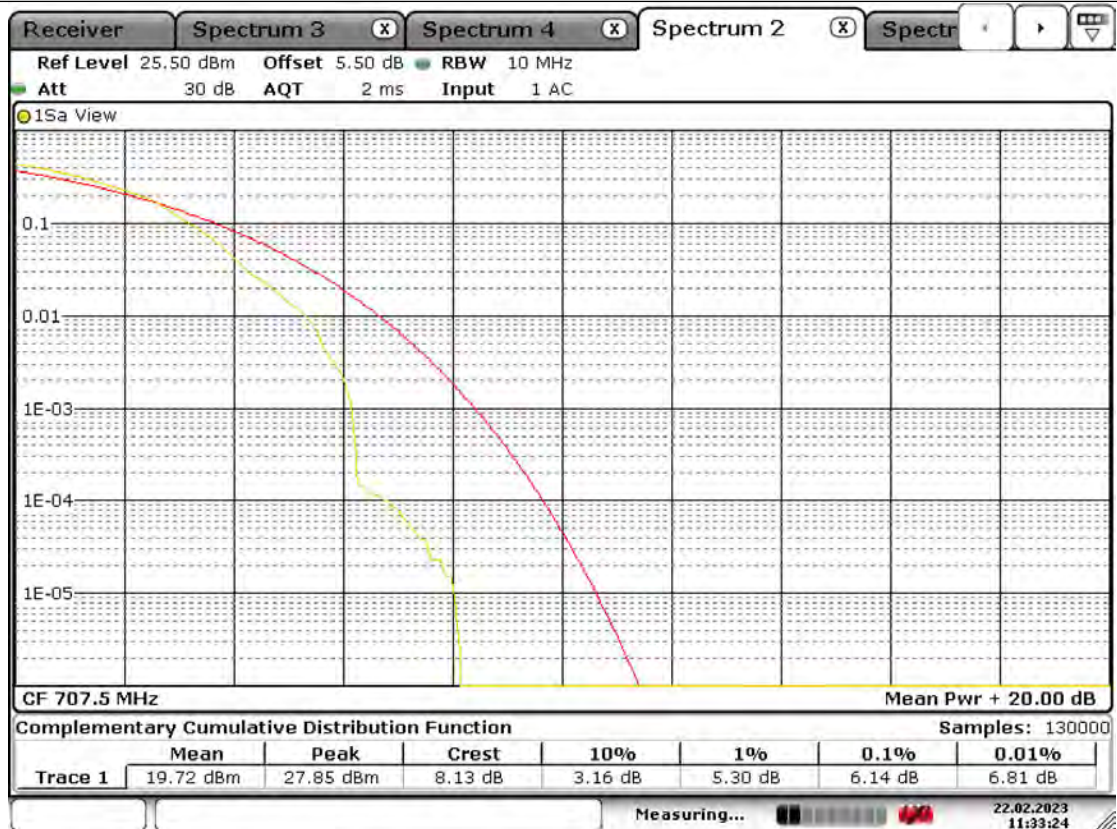
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Band12-10MHz-64QAM-23095-1RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



Date: 22.FEB.2023 11:33:24

Band12-10MHz-64QAM-23095-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



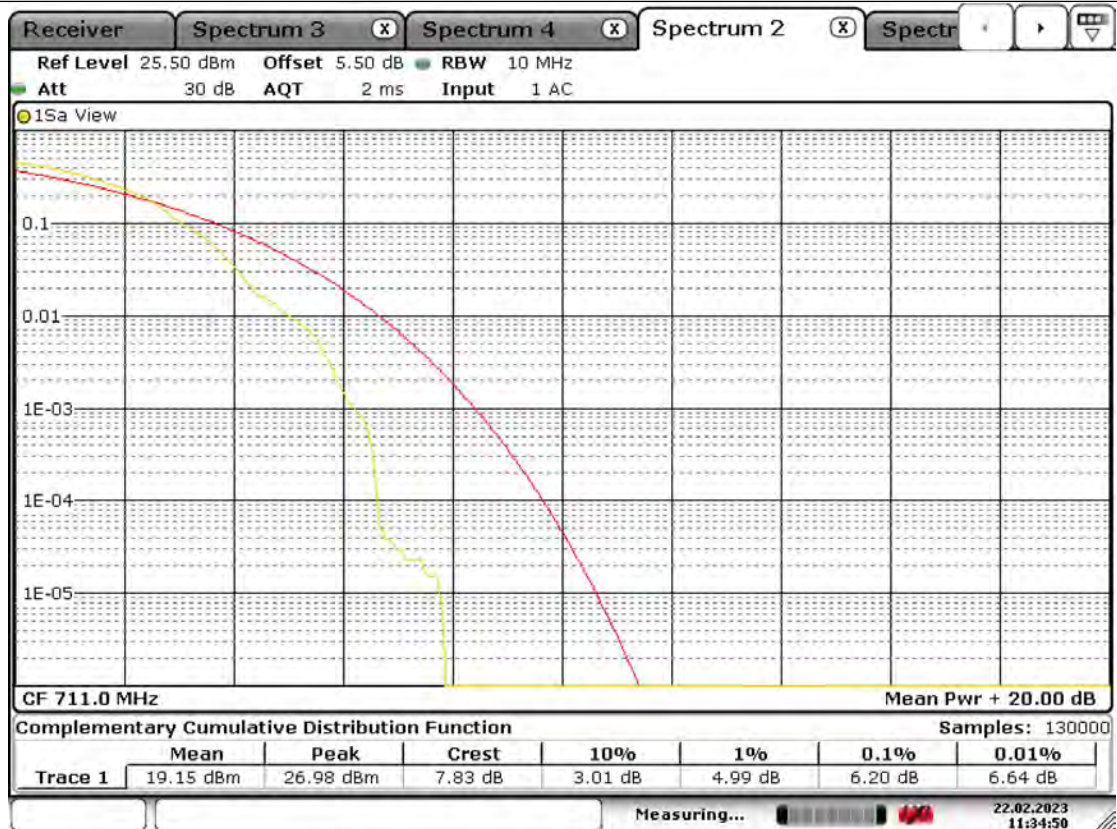
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Band12-10MHz-64QAM-23130-1RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



Date: 22.FEB.2023 11:34:50

Band12-10MHz-64QAM-23130-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



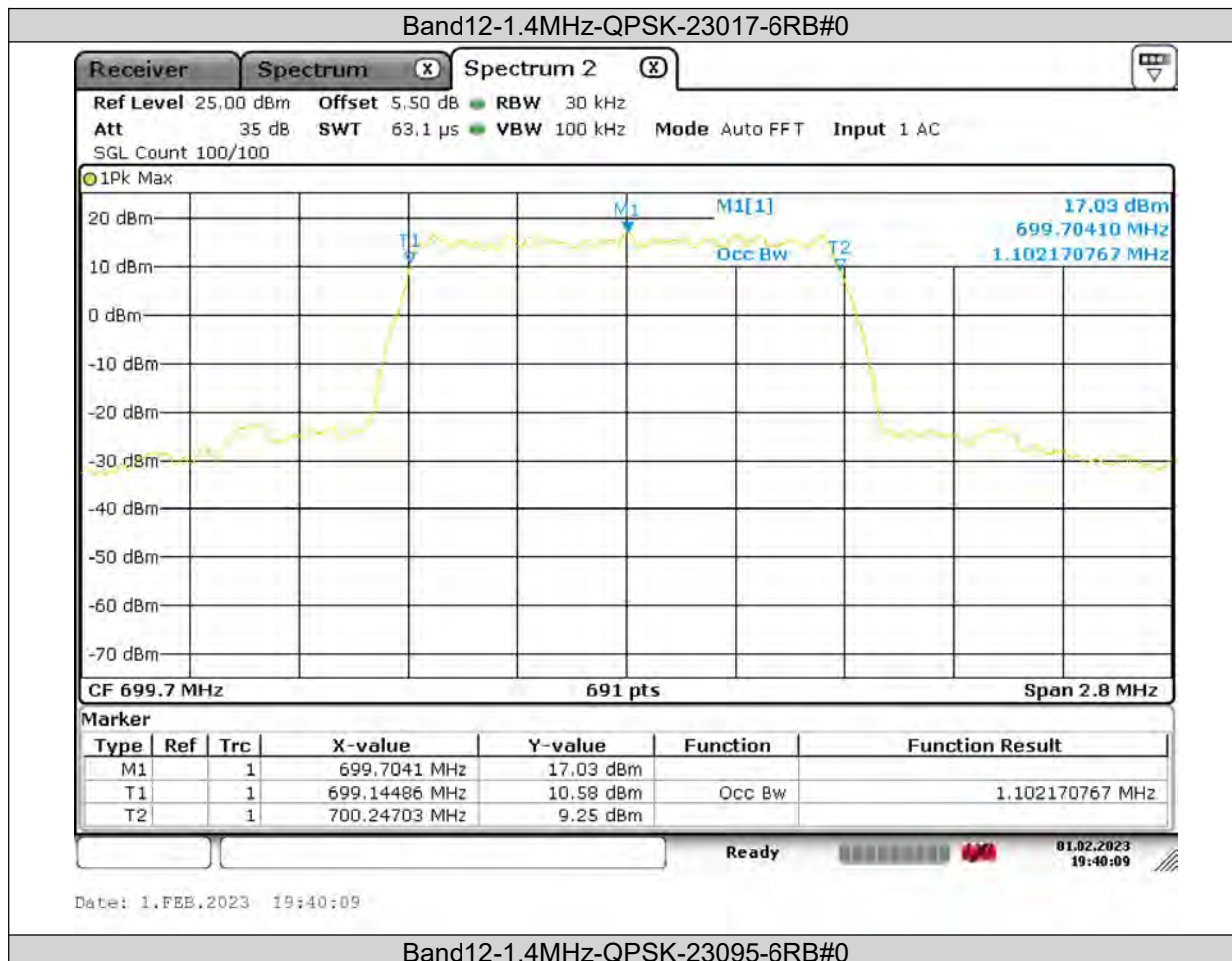
Date: 22.FEB.2023 11:34:30

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.1022                   | 1.2562               | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0981                   | 1.2440               | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0981                   | 1.2237               | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0819                   | 1.2359               | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0941                   | 1.2359               | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0940                   | 1.2399               | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.7178                   | 3.0391               | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.7438                   | 3.0478               | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.7352                   | 3.0130               | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.7265                   | 3.0391               | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.7265                   | 3.0738               | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.7265                   | 3.0478               | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.4863                   | 4.9350               | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.4718                   | 4.9350               | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.5152                   | 4.9780               | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.5007                   | 4.9490               | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5007                   | 4.9490               | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.5441                   | 4.8770               | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9725                   | 9.8700               | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9725                   | 9.8410               | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 9.0593                   | 9.8120               | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | 9.0014                   | 9.9860               | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 50RB#0           | 9.0014                   | 9.7830               | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | 9.0593                   | 9.9860               | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23017   | 6RB#0            | 1.09                     | 1.248                | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23095   | 6RB#0            | 1.094                    | 1.2395               | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23173   | 6RB#0            | 1.098                    | 1.248                | PASS    |
| Band12 | 3MHz      | 64QAM      | 23025   | 15RB#0           | 2.796                    | 3.0825               | PASS    |
| Band12 | 3MHz      | 64QAM      | 23095   | 15RB#0           | 2.744                    | 3.0825               | PASS    |
| Band12 | 3MHz      | 64QAM      | 23165   | 15RB#0           | 2.735                    | 3.0738               | PASS    |
| Band12 | 5MHz      | 64QAM      | 23035   | 25RB#0           | 4.457                    | 4.906                | PASS    |
| Band12 | 5MHz      | 64QAM      | 23095   | 25RB#0           | 4.486                    | 4.949                | PASS    |
| Band12 | 5MHz      | 64QAM      | 23155   | 25RB#0           | 4.486                    | 4.935                | PASS    |
| Band12 | 10MHz     | 64QAM      | 23060   | 50RB#0           | 9.001                    | 9.725                | PASS    |
| Band12 | 10MHz     | 64QAM      | 23095   | 50RB#0           | 8.973                    | 9.754                | PASS    |
| Band12 | 10MHz     | 64QAM      | 23130   | 50RB#0           | 9.001                    | 9.783                | PASS    |

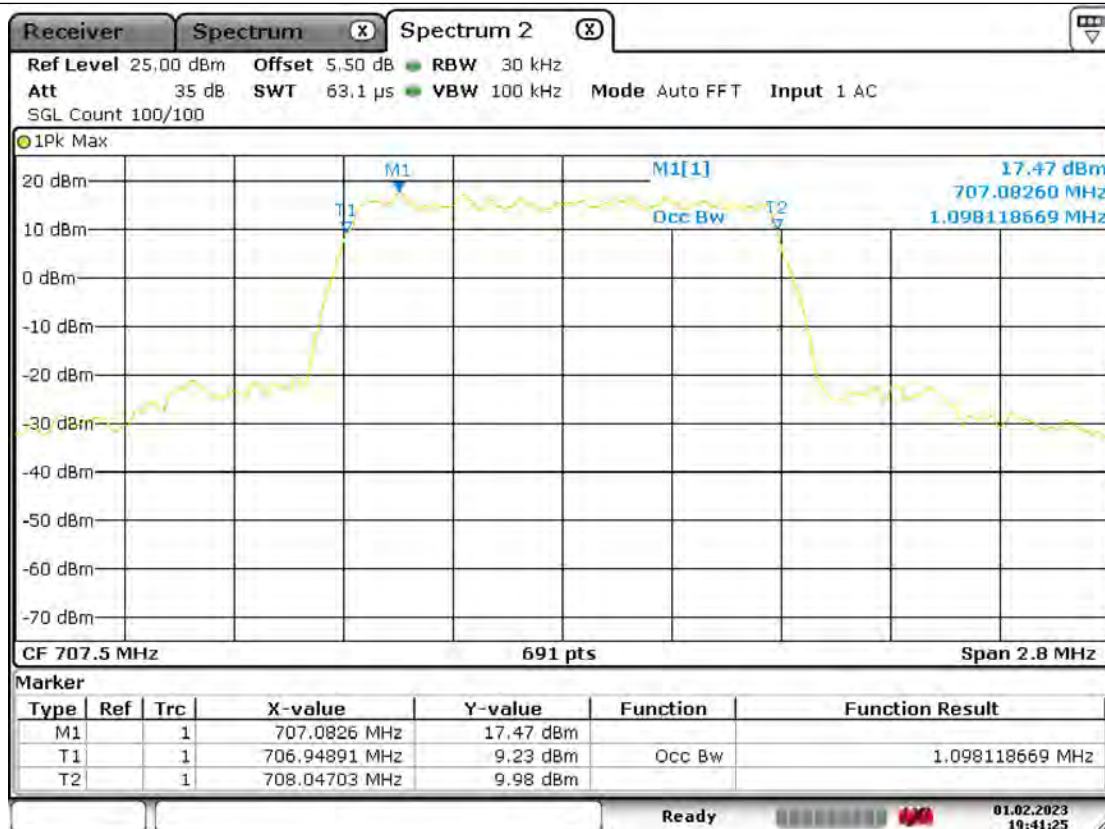
## Test Graphs





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Test Report No.: PSU-QSU2309010210RF03



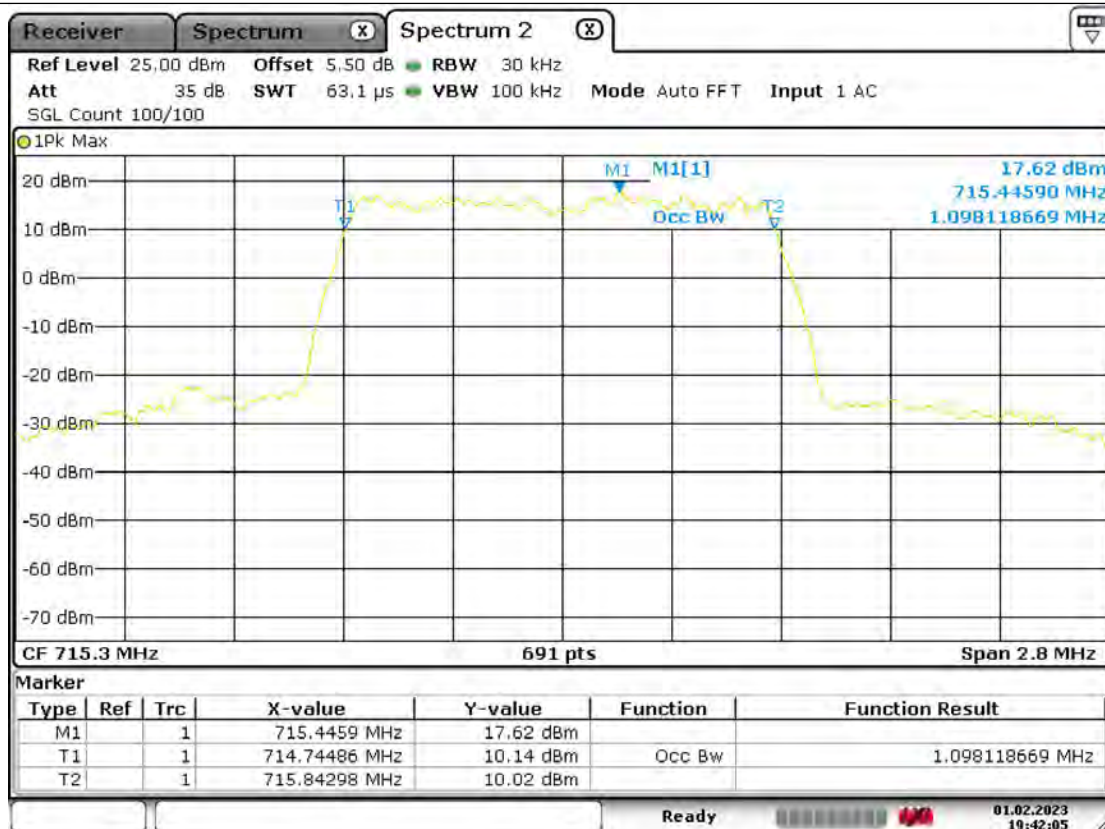
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Band12-1.4MHz-QPSK-23173-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



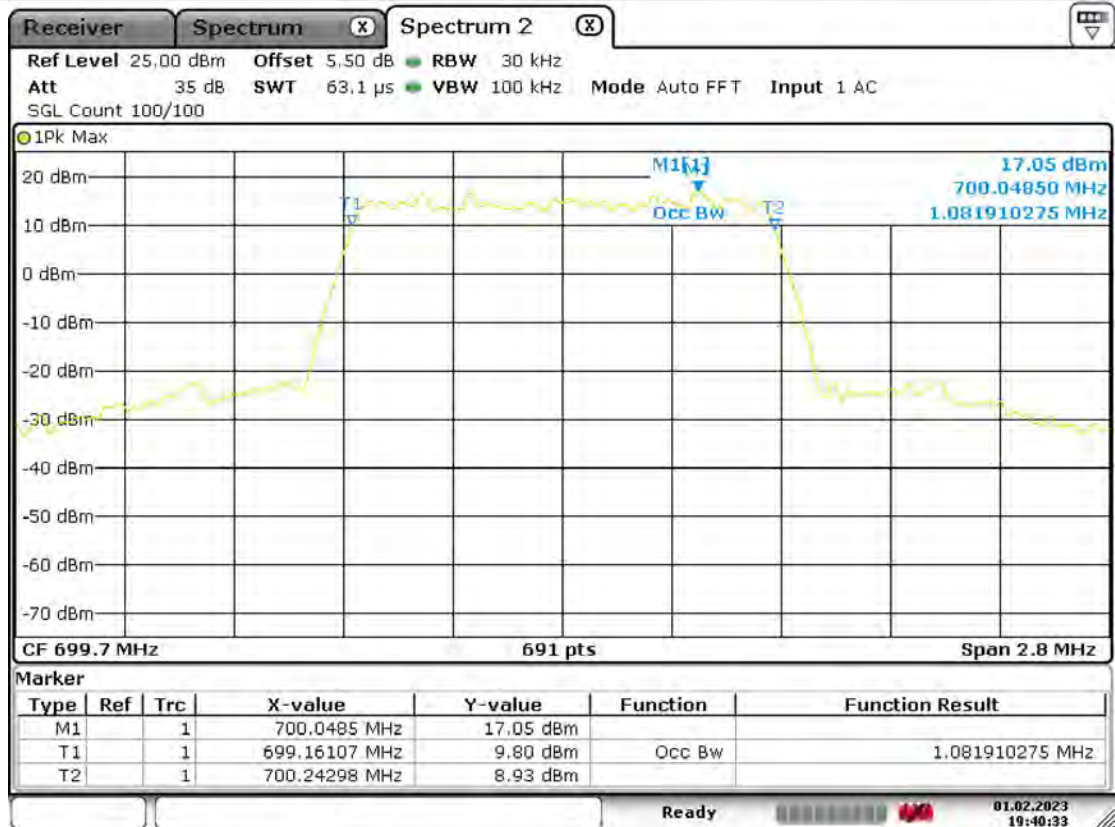
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Band12-1.4MHz-16QAM-23017-6RB#0



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Test Report No.: PSU-QSU2309010210RF03



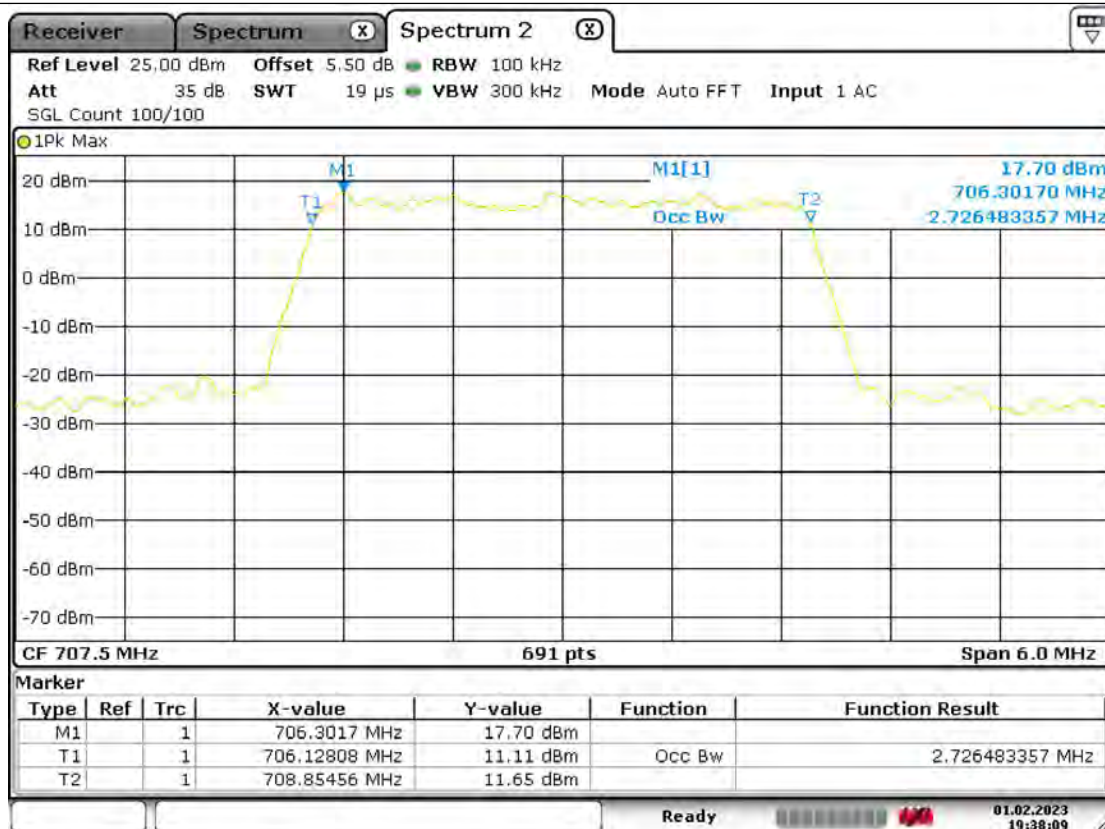
Date: 1.FEB.2023 19:40:33

Band12-1.4MHz-16QAM-23095-6RB#0



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Test Report No.: PSU-QSU2309010210RF03



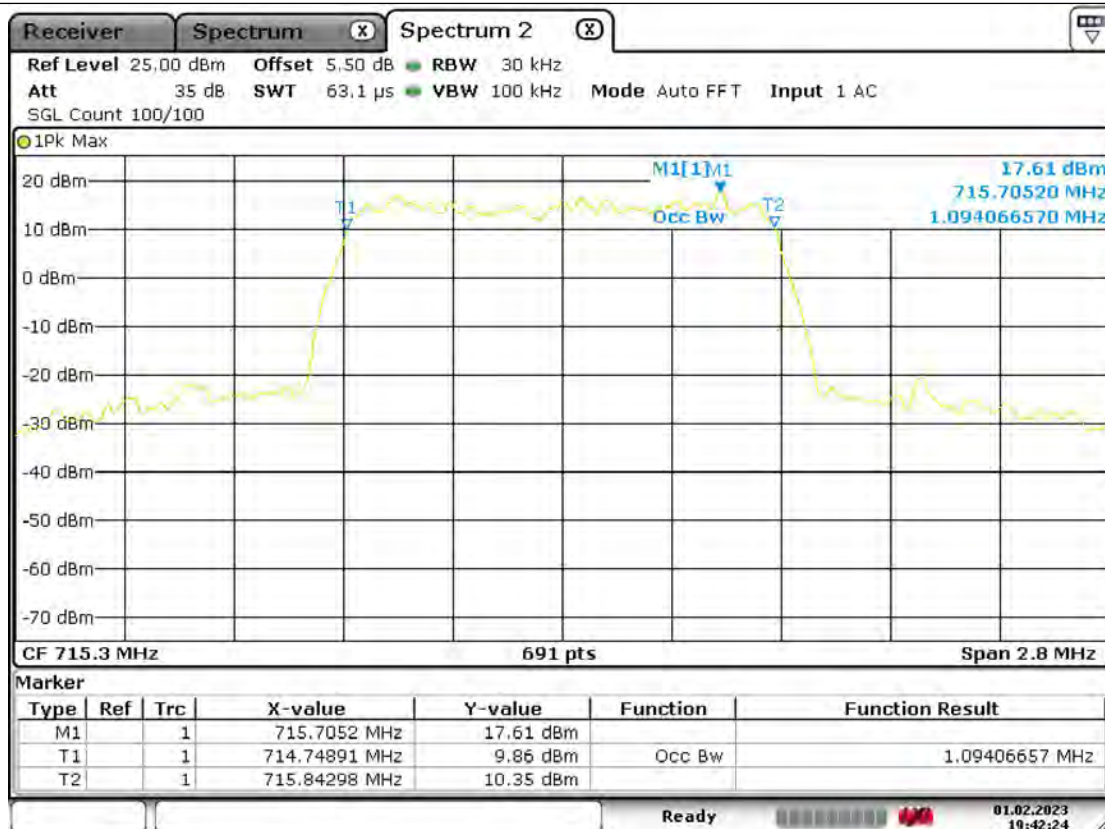
Date: 1.FEB.2023 19:38:09

Band12-1.4MHz-16QAM-23173-6RB#0



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Test Report No.: PSU-QSU2309010210RF03



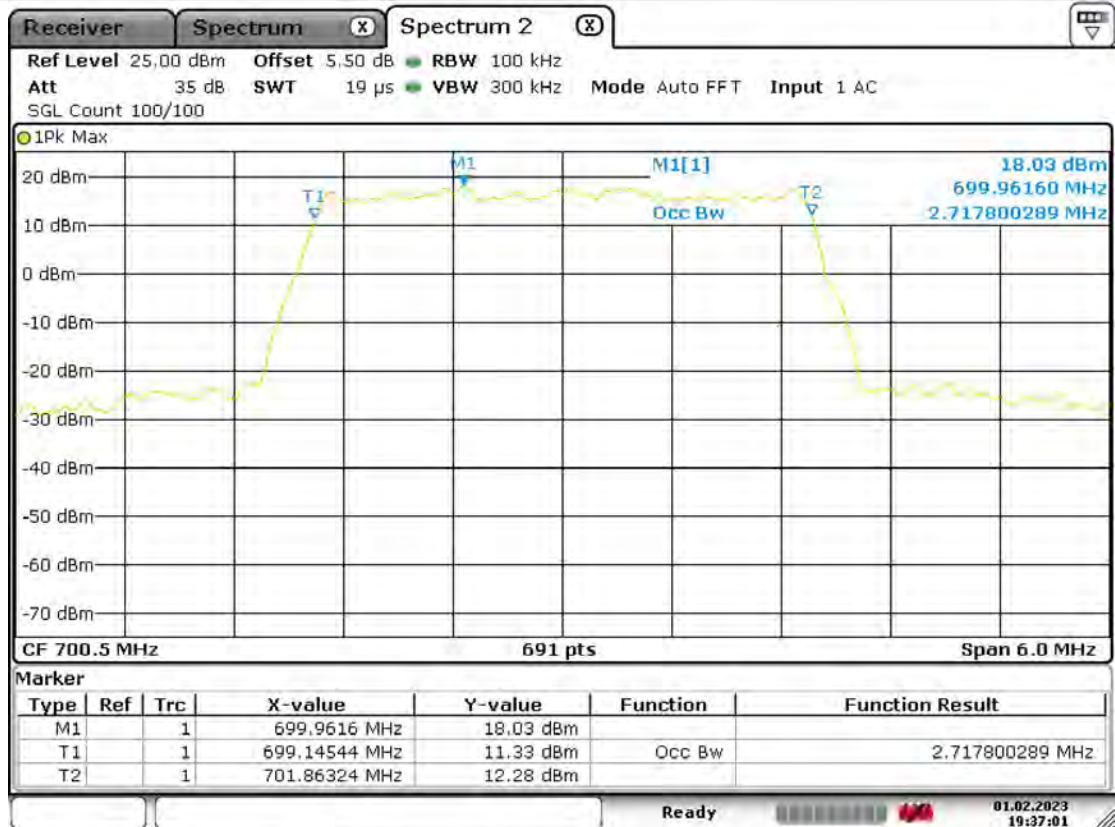
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Band12-3MHz-QPSK-23025-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



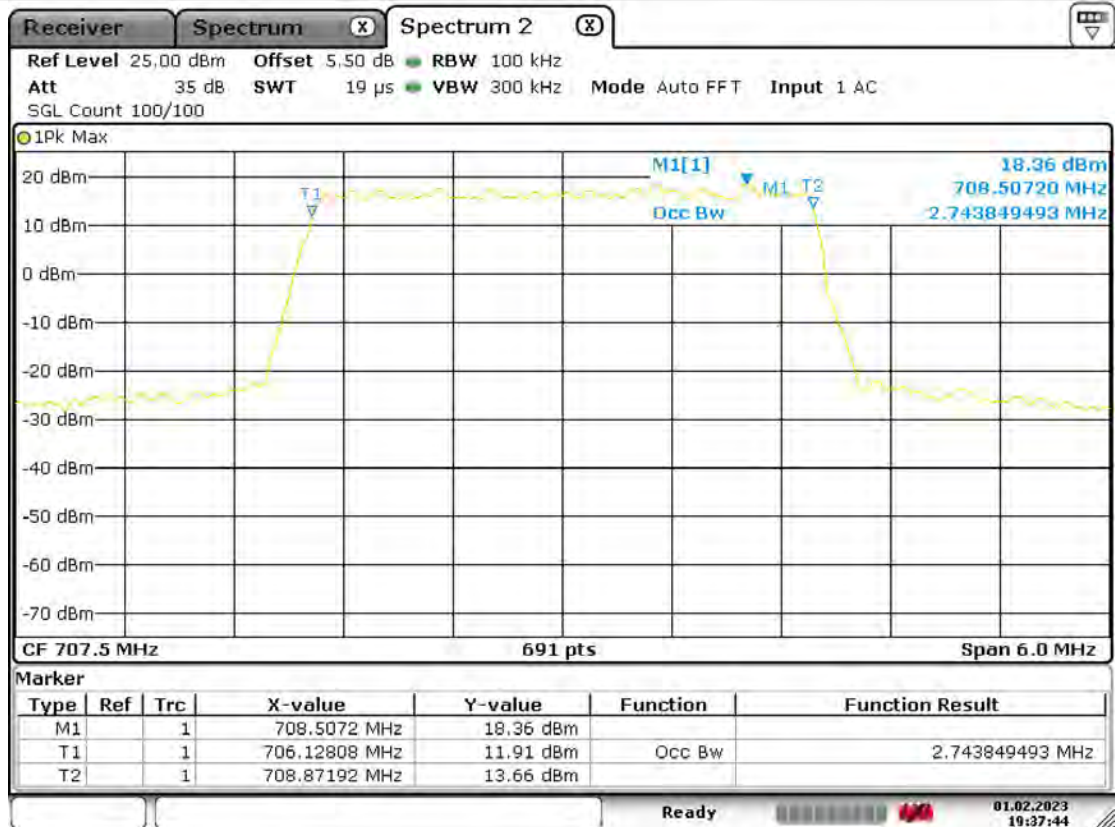
Date: 1.FEB.2023 19:37:01

Band12-3MHz-QPSK-23095-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



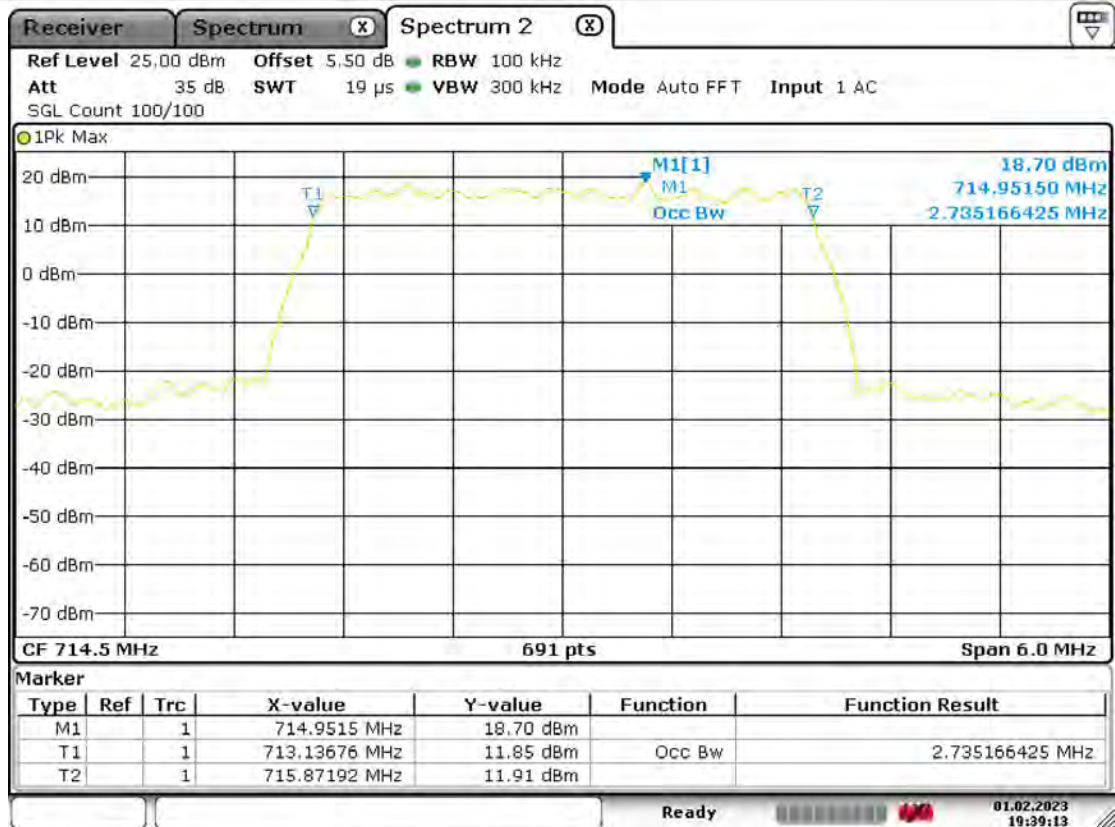
Date: 1.FEB.2023 19:37:43

Band12-3MHz-QPSK-23165-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



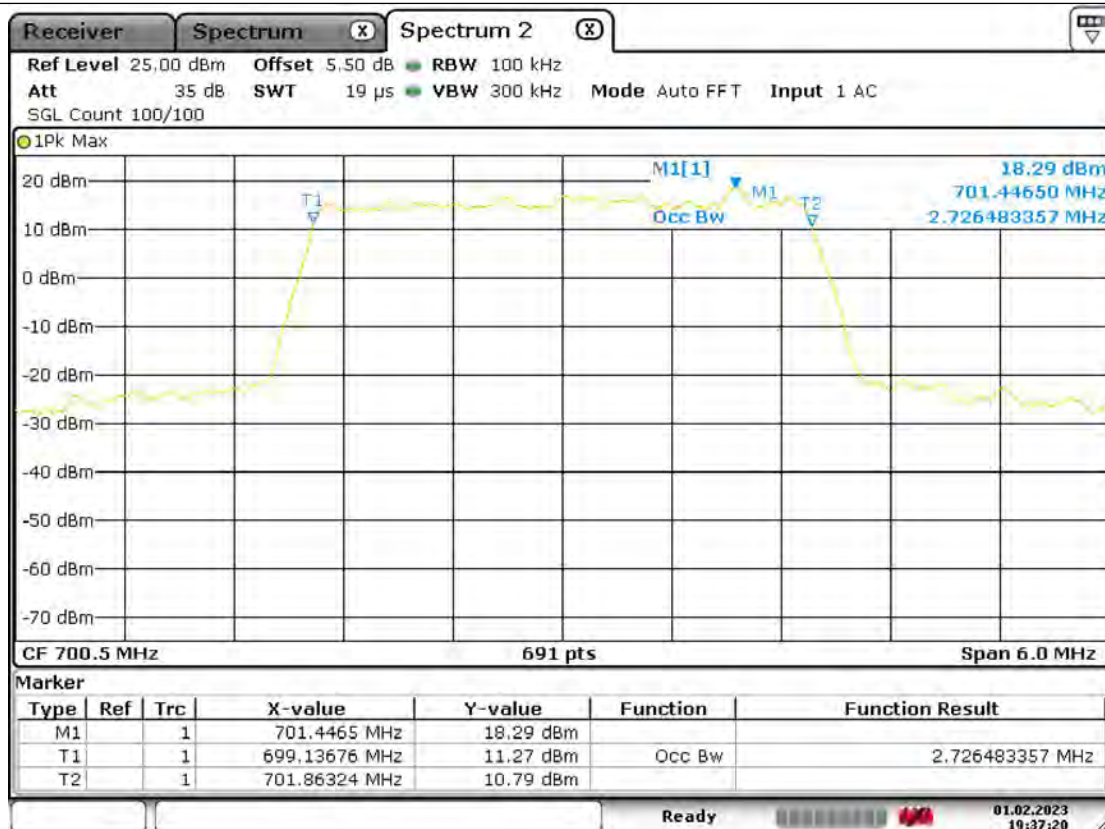
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Band12-3MHz-16QAM-23025-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



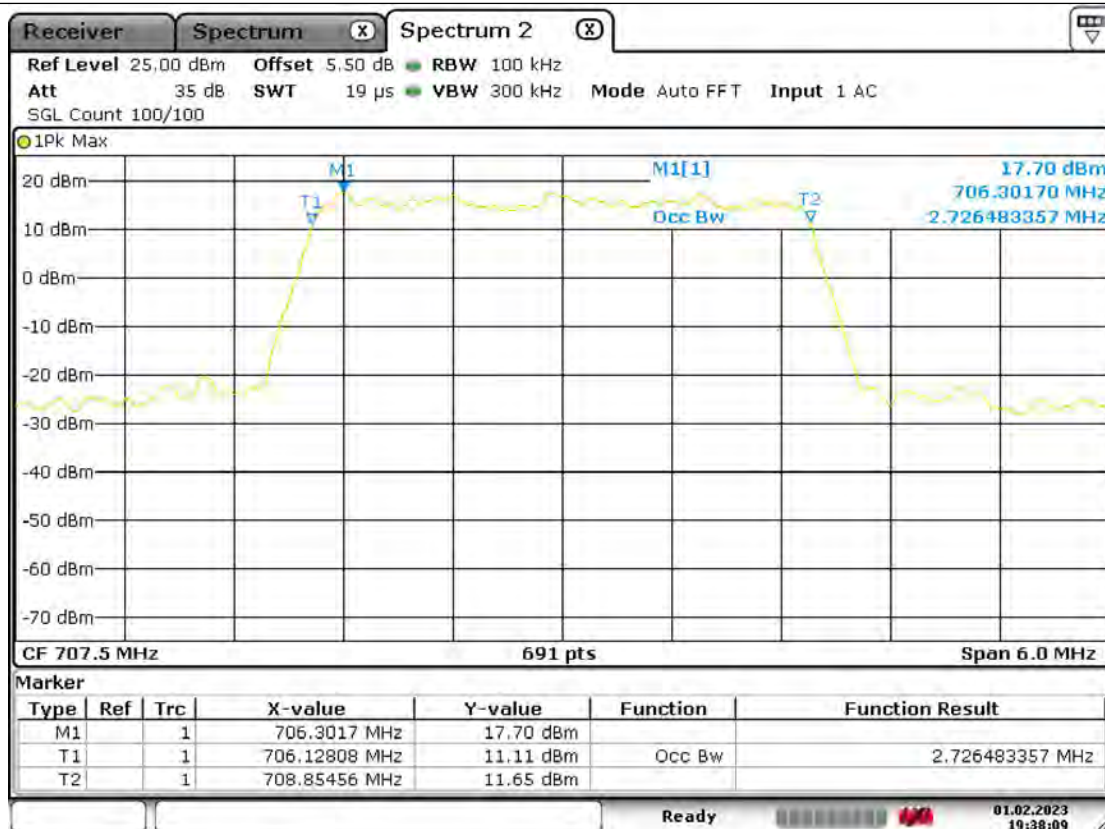
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Band12-3MHz-16QAM-23095-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



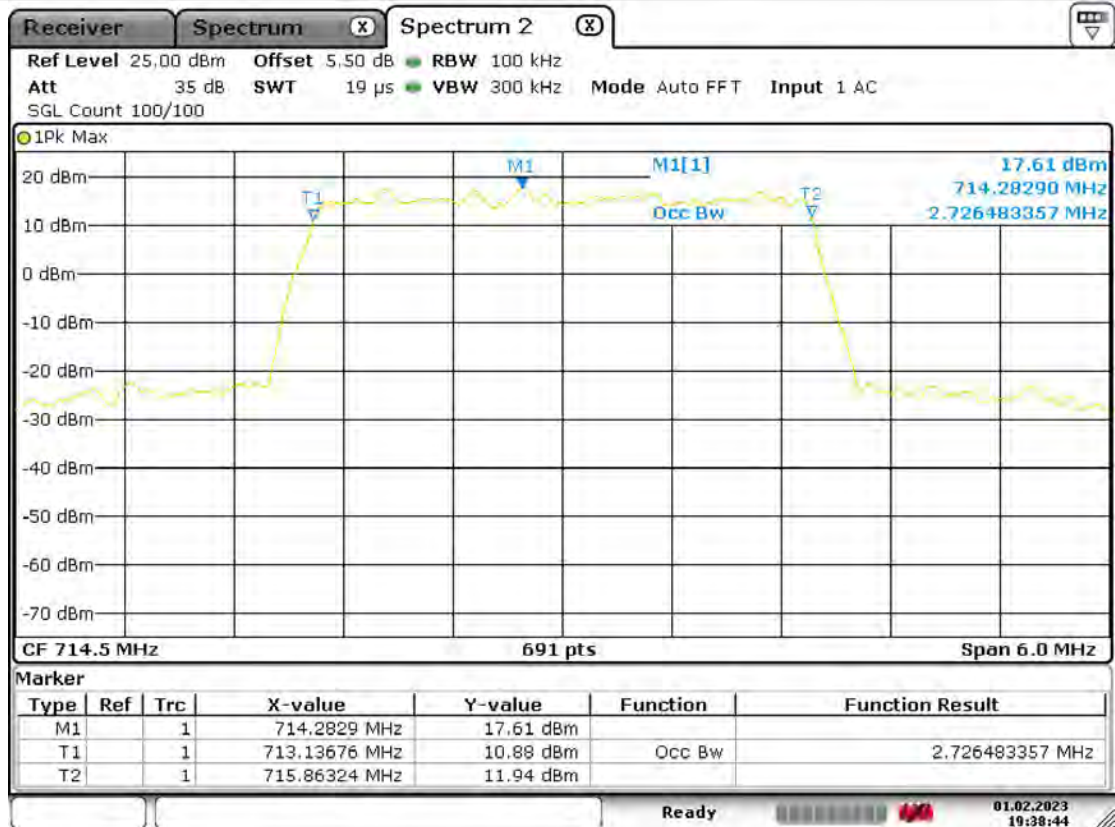
Date: 1.FEB.2023 19:38:09

Band12-3MHz-16QAM-23165-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



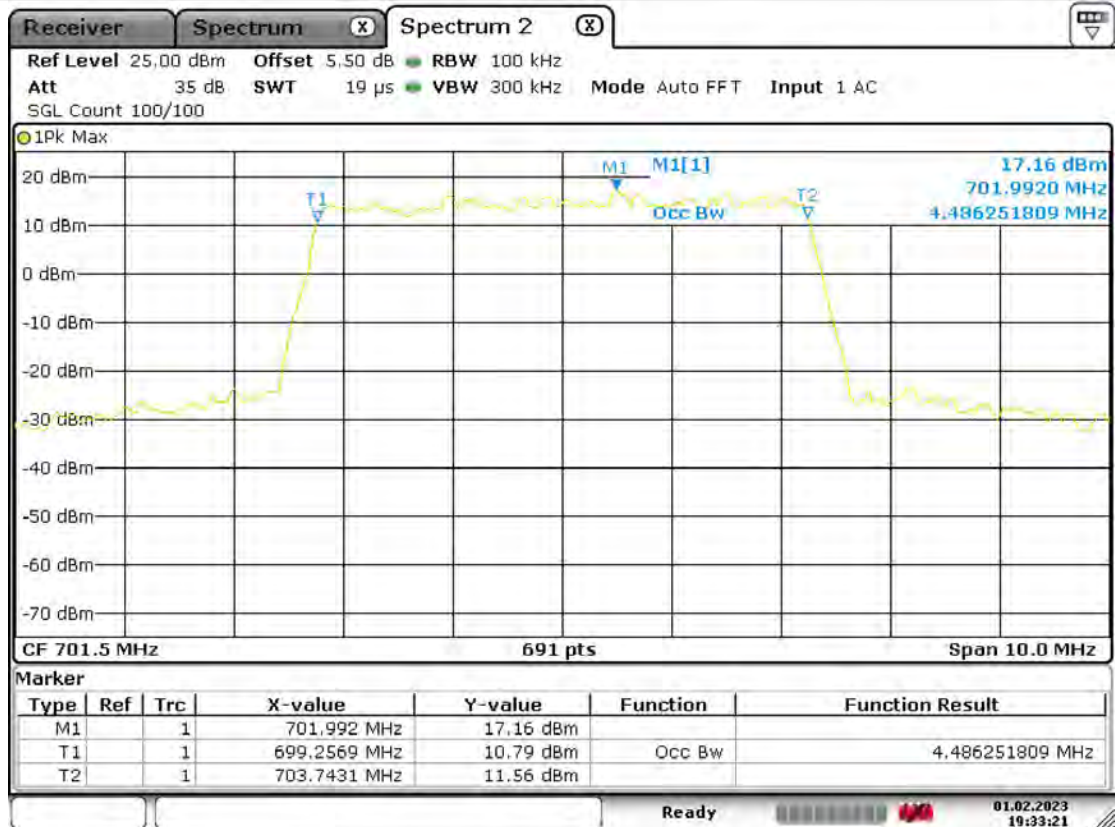
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Band12-5MHz-QPSK-23035-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



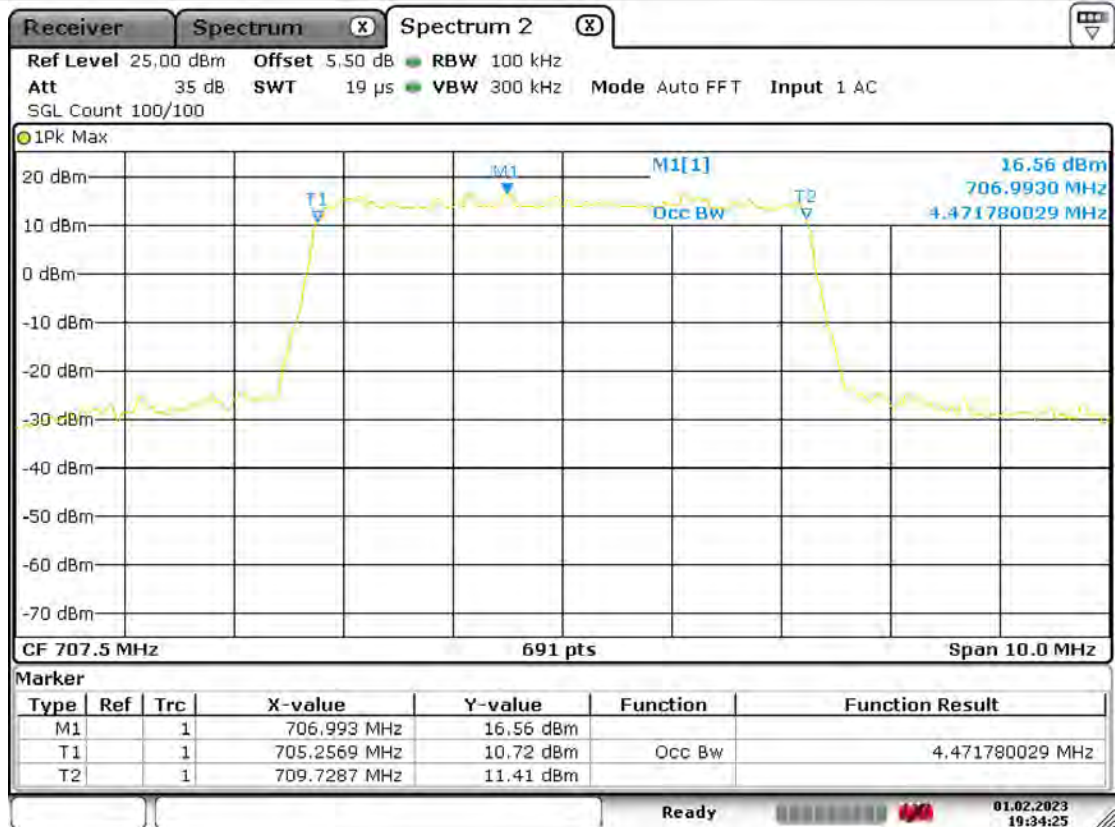
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Band12-5MHz-QPSK-23095-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



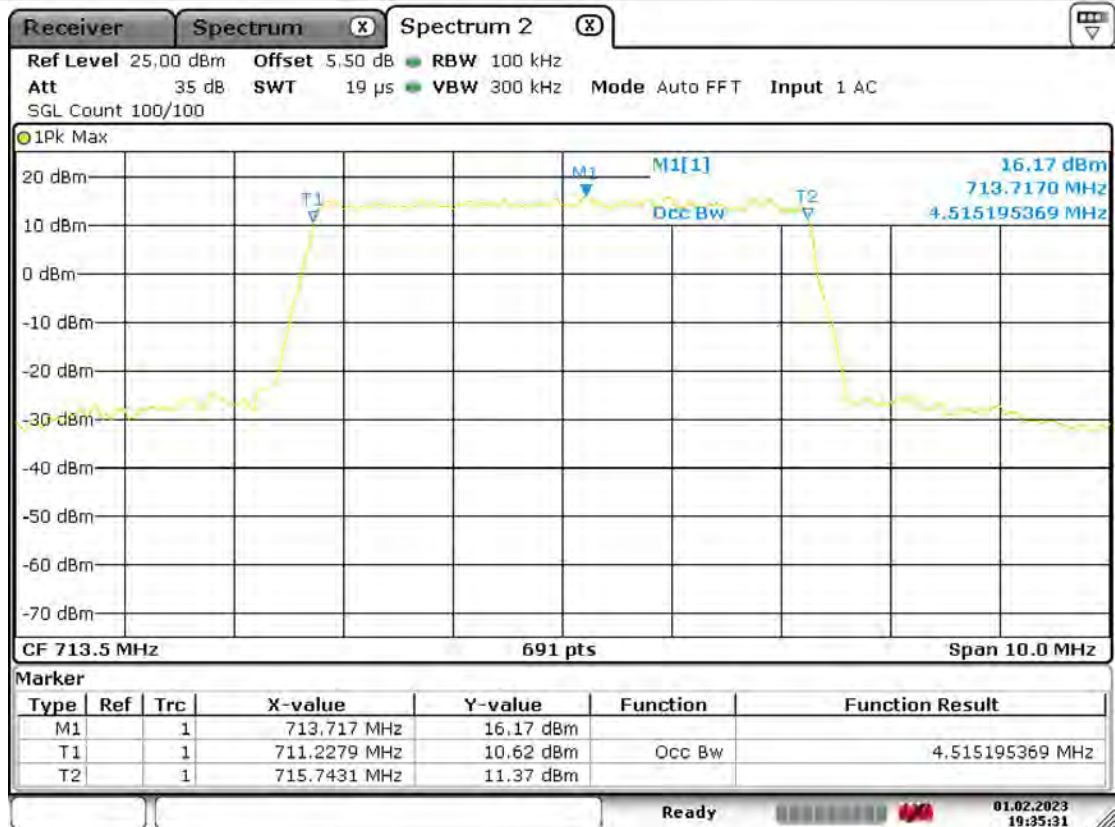
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Band12-5MHz-QPSK-23155-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



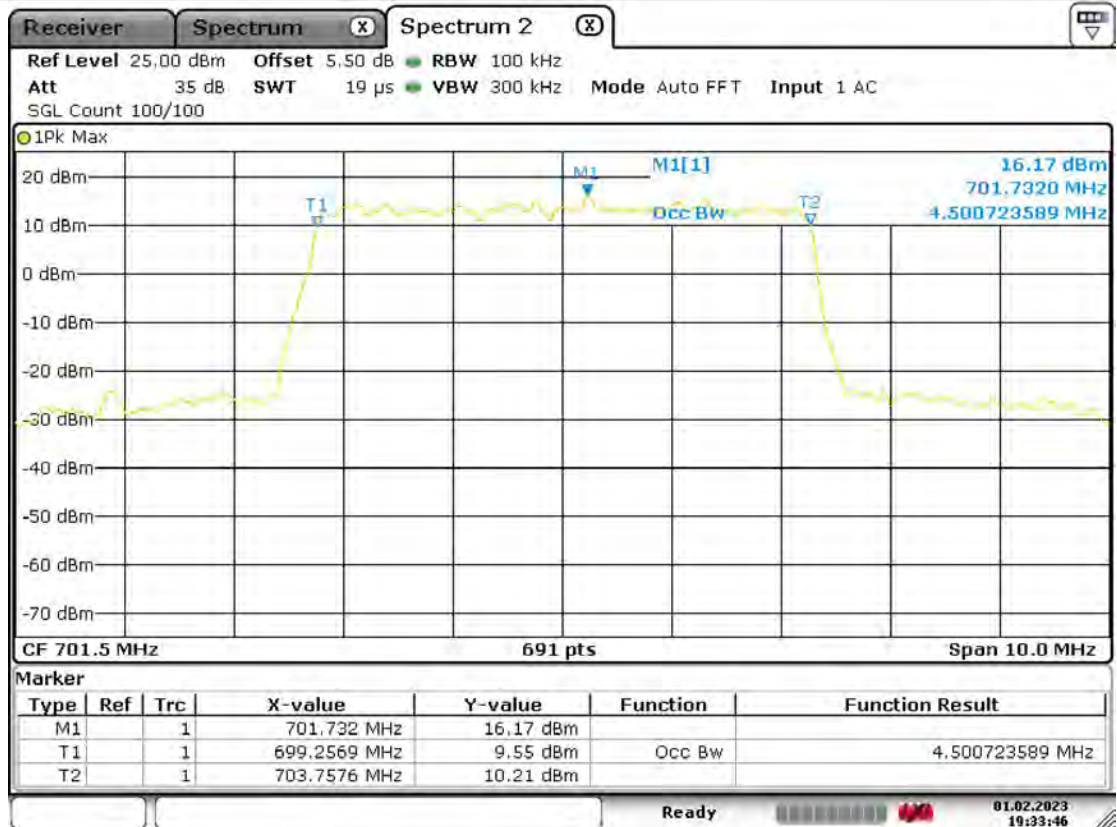
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Band12-5MHz-16QAM-23035-25RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



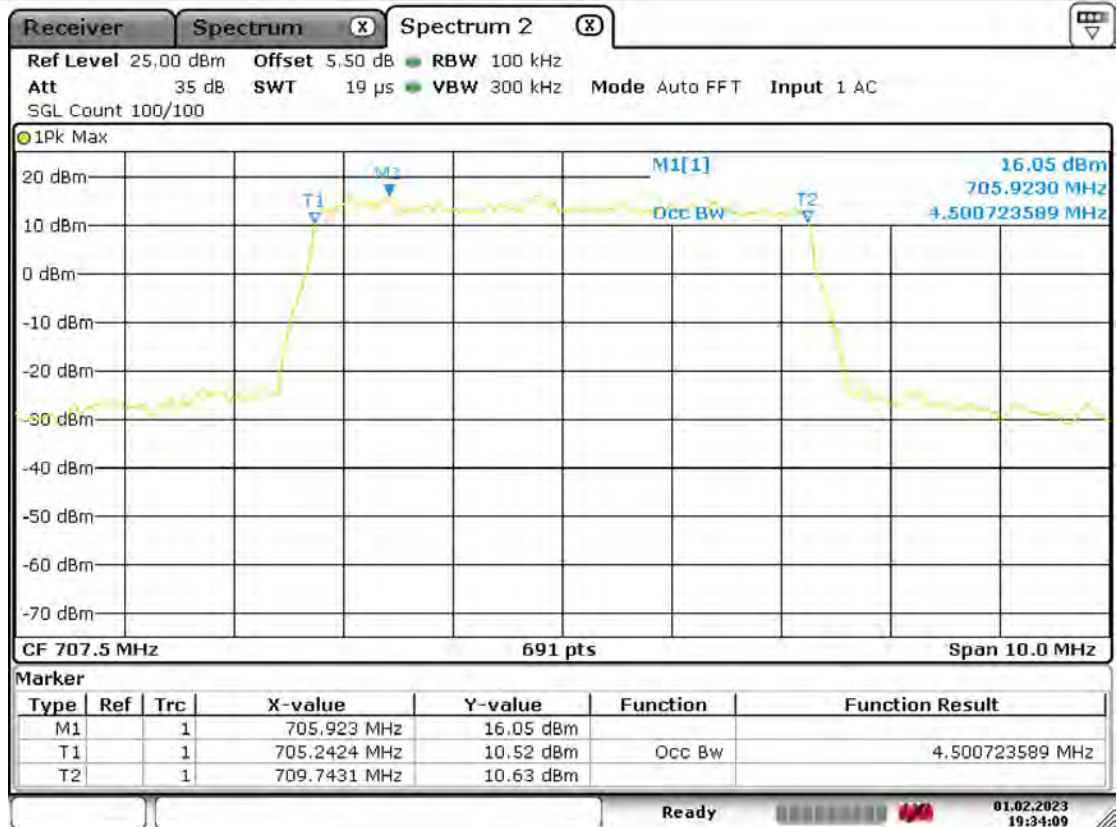
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Band12-5MHz-16QAM-23095-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



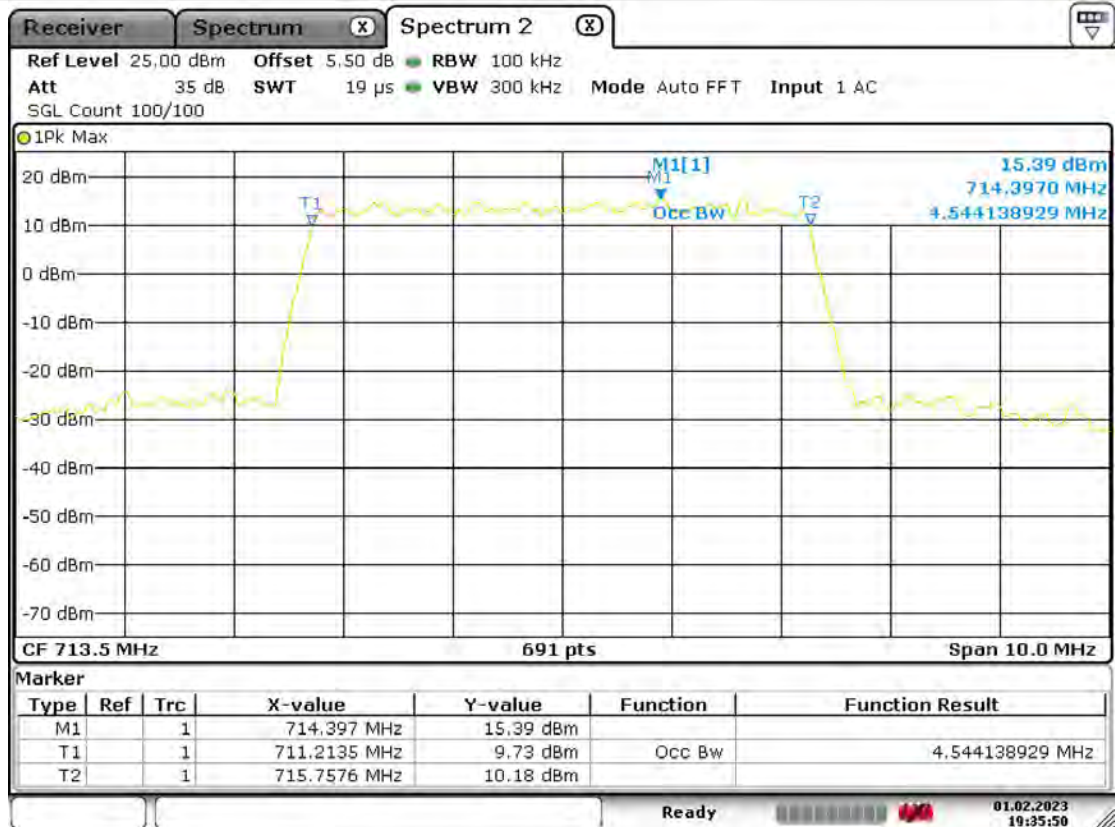
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Band12-5MHz-16QAM-23155-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



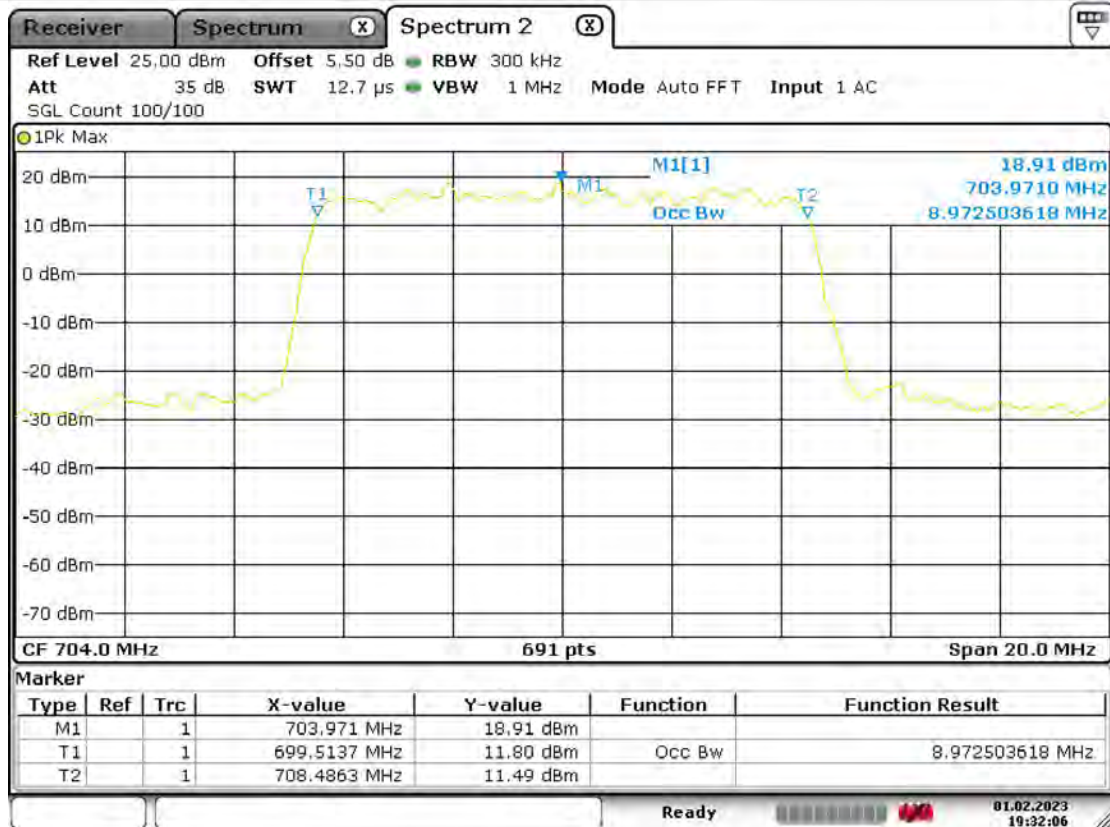
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Band12-10MHz-QPSK-23060-50RB#0



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Test Report No.: PSU-QSU2309010210RF03



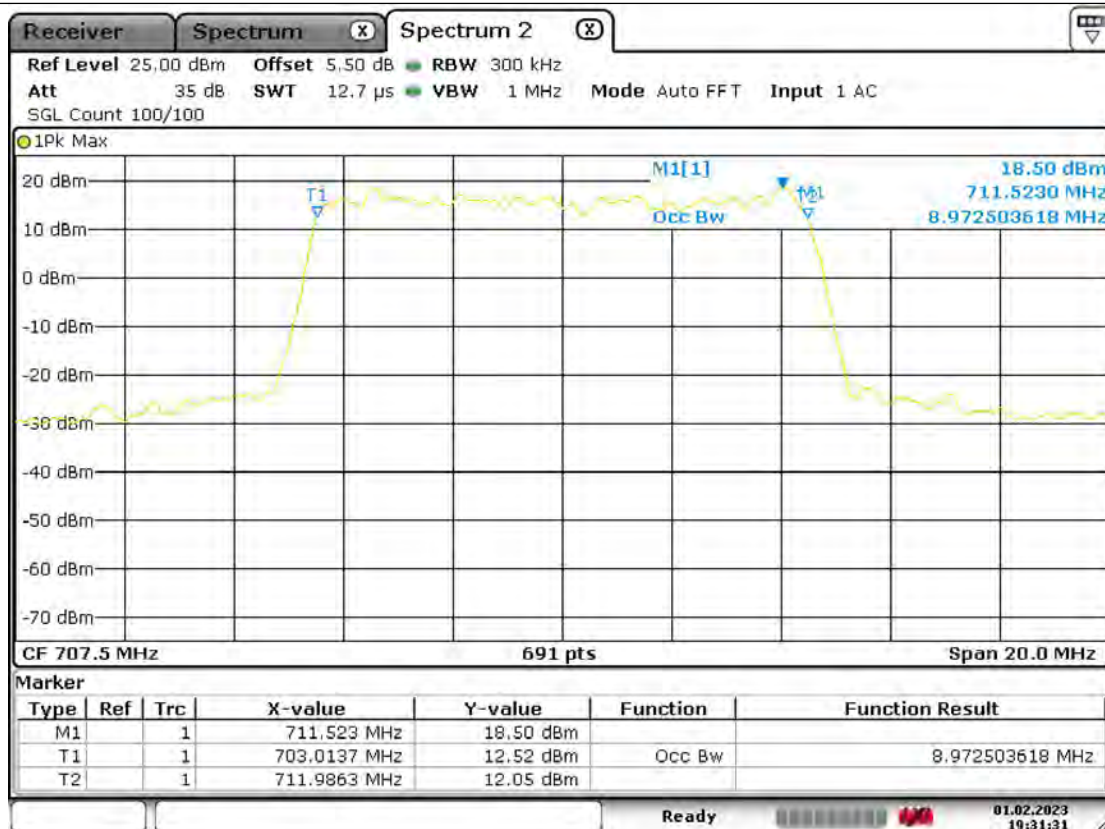
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Band12-10MHz-QPSK-23095-50RB#0



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Test Report No.: PSU-QSU2309010210RF03



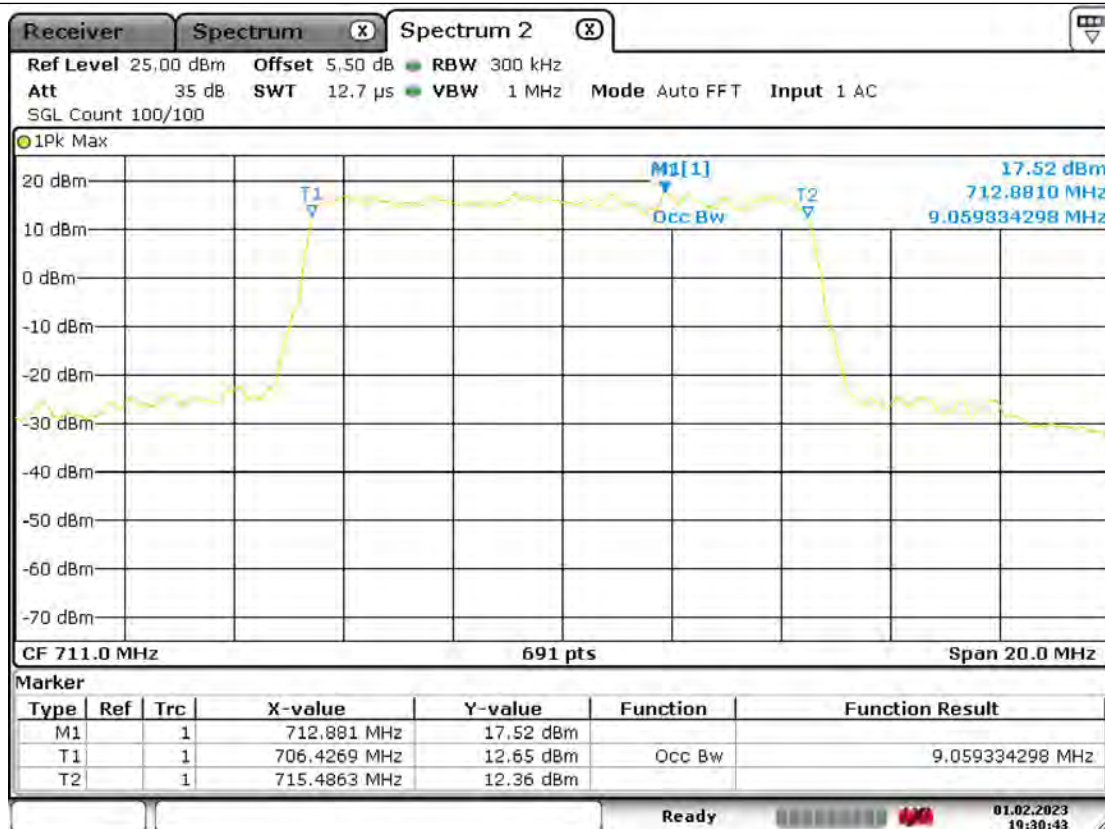
Date: 1.FEB.2023 19:31:31

Band12-10MHz-QPSK-23130-50RB#0



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Test Report No.: PSU-QSU2309010210RF03



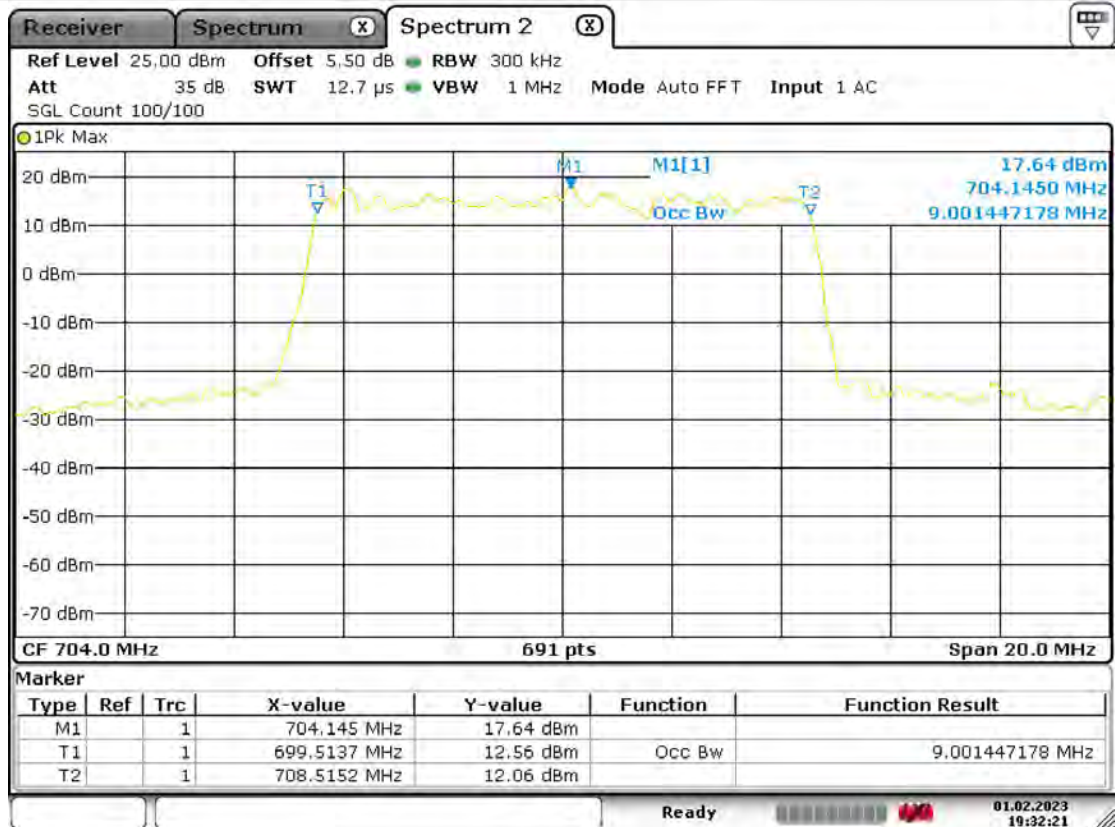
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Band12-10MHz-16QAM-23060-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



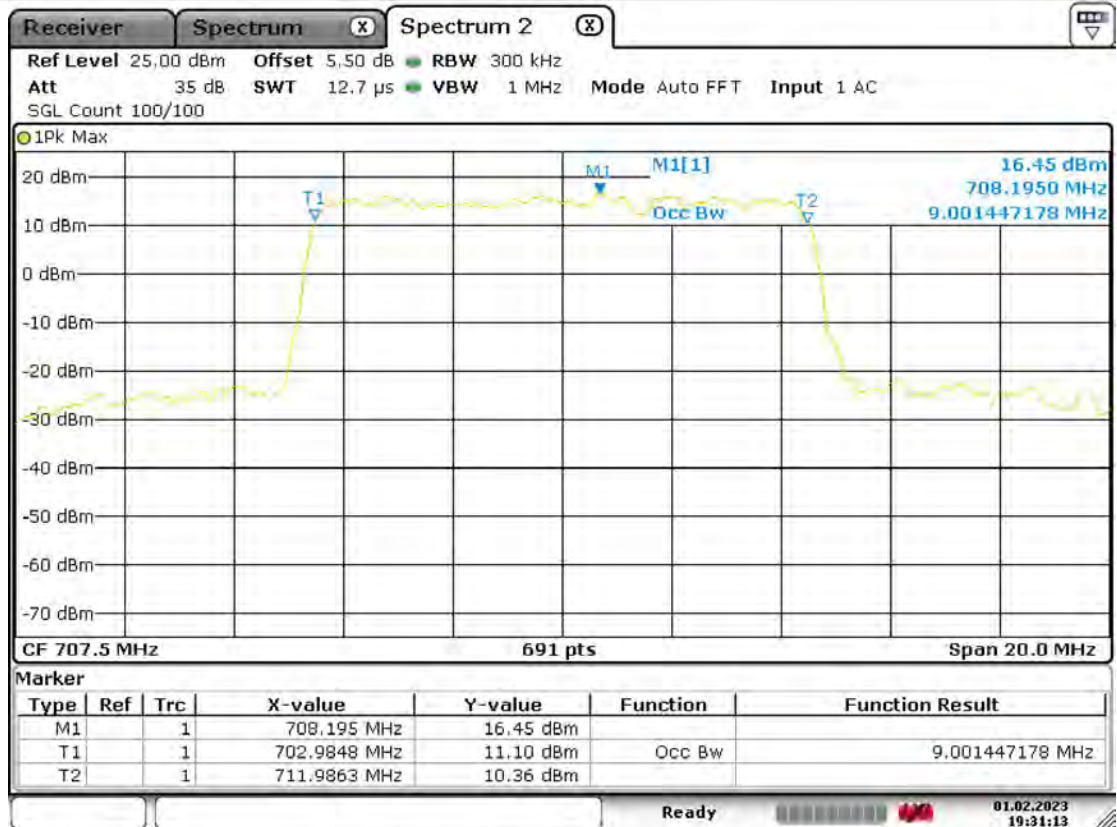
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Band12-10MHz-16QAM-23095-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



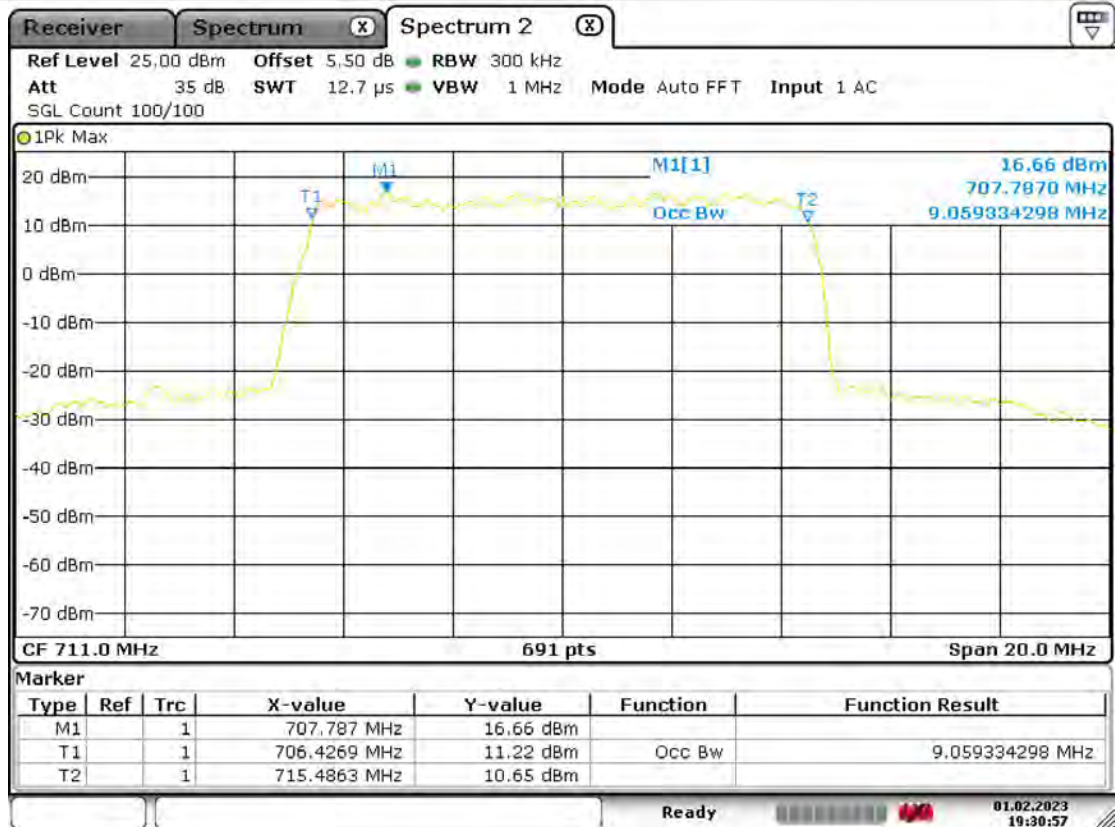
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Band12-10MHz-16QAM-23130-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



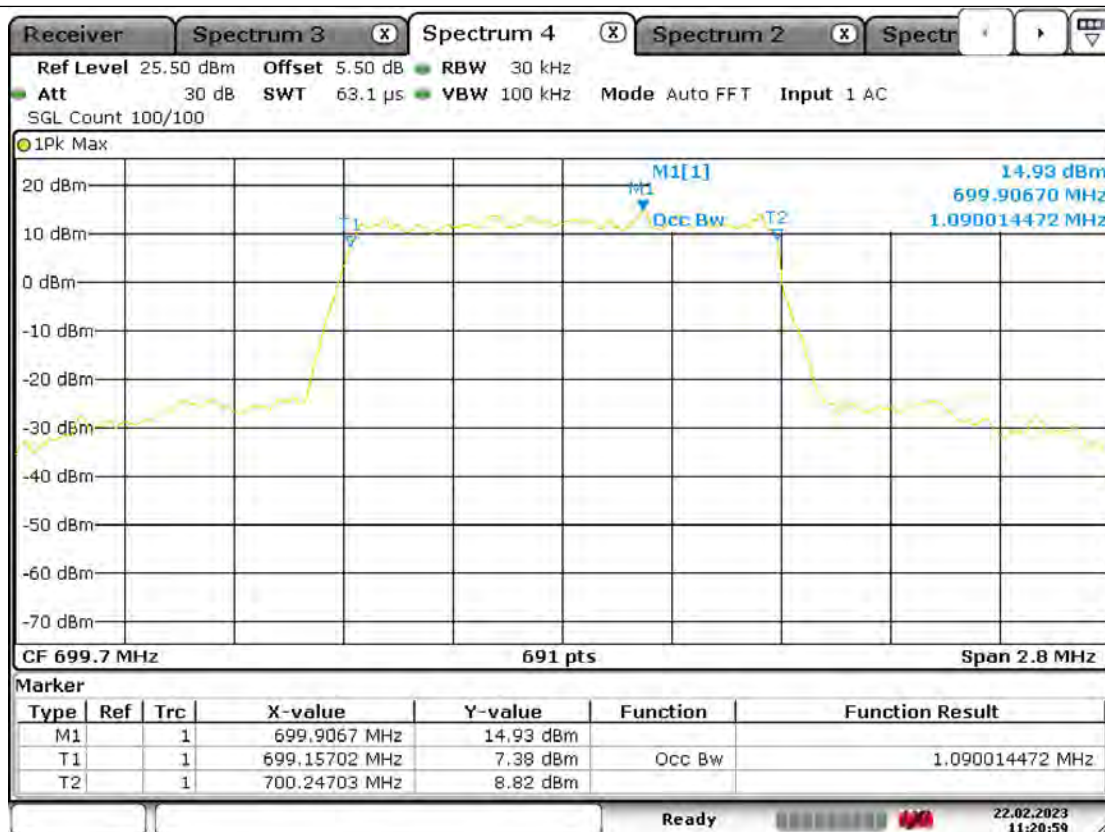
Date: 1.FEB.2023 19:30:56

Band12-1.4MHz-64QAM-23017-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



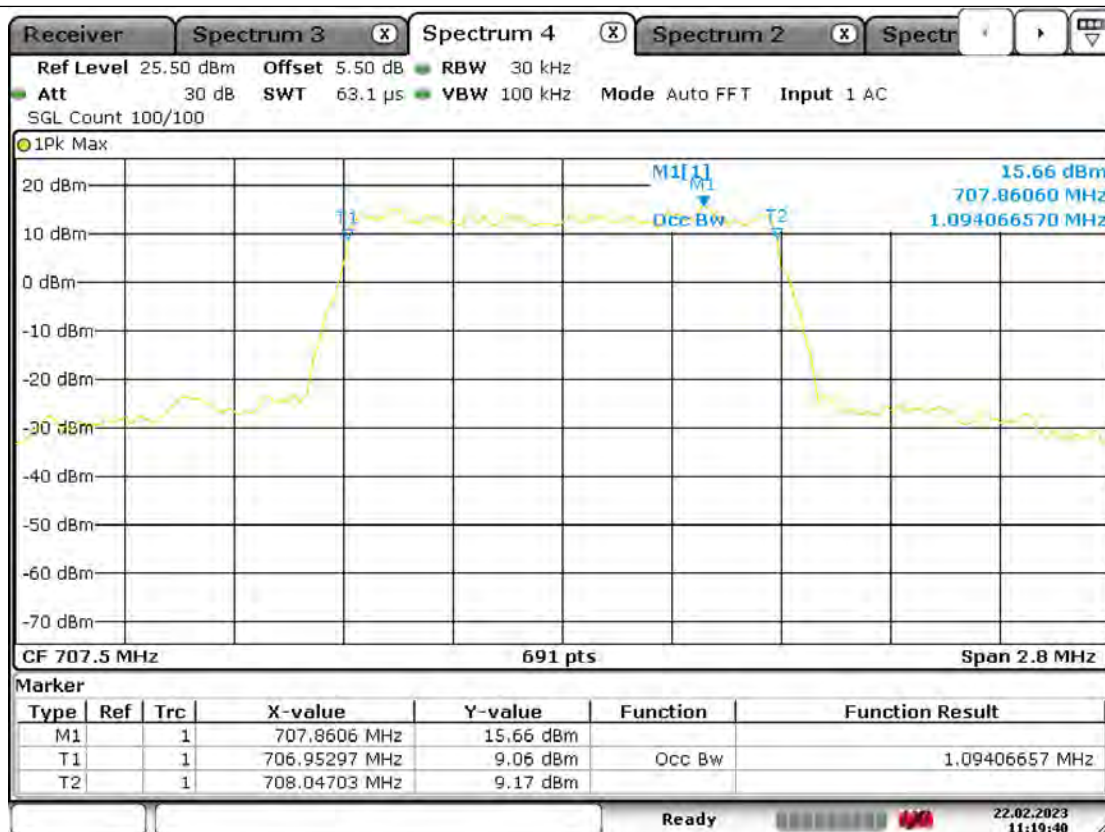
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Band12-1.4MHz-64QAM-23095-6RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



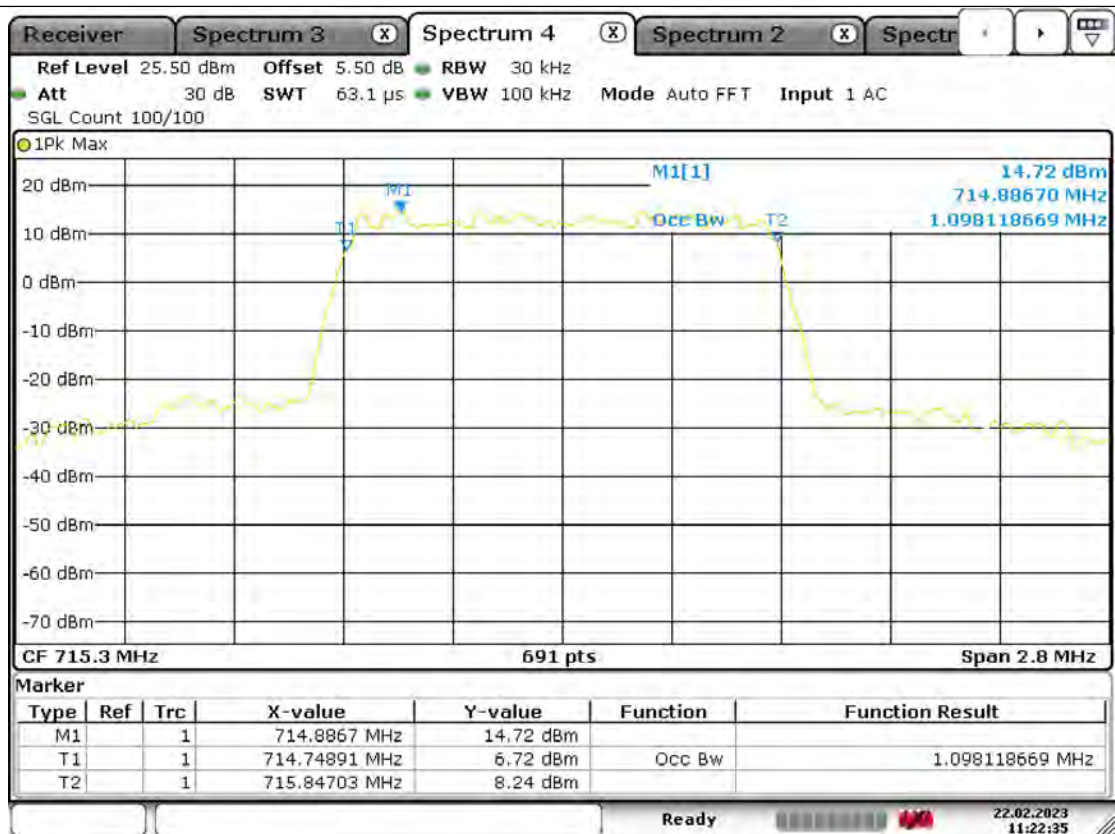
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Band12-1.4MHz-64QAM-23173-6RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



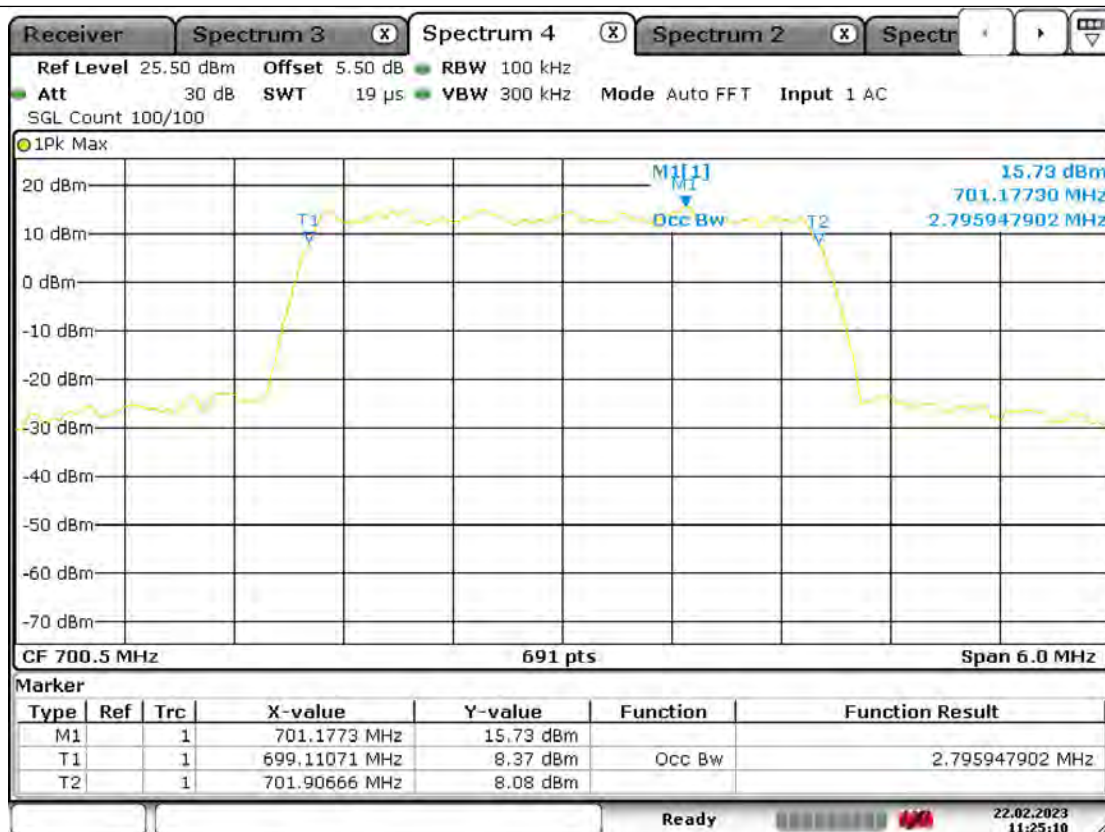
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Band12-3MHz-64QAM-23025-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



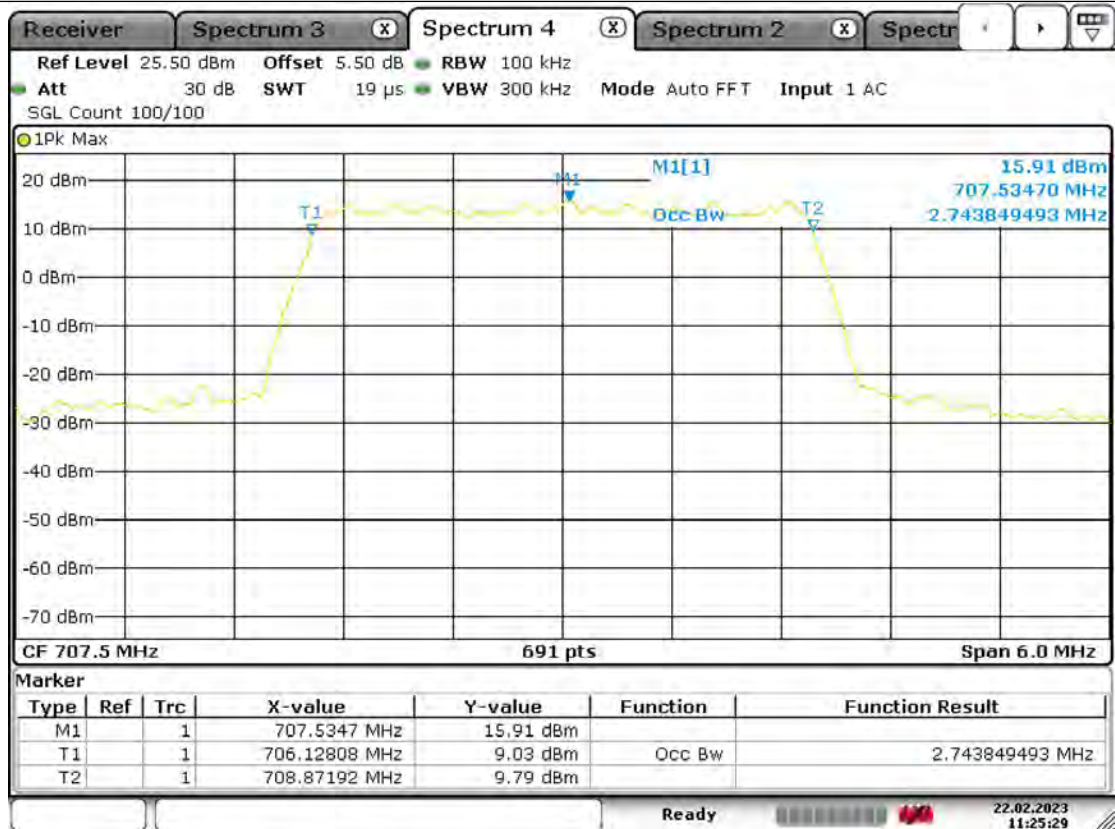
Date: 22.FEB.2023 11:25:10

Band12-3MHz-64QAM-23095-15RB#0



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Test Report No.: PSU-QSU2309010210RF03



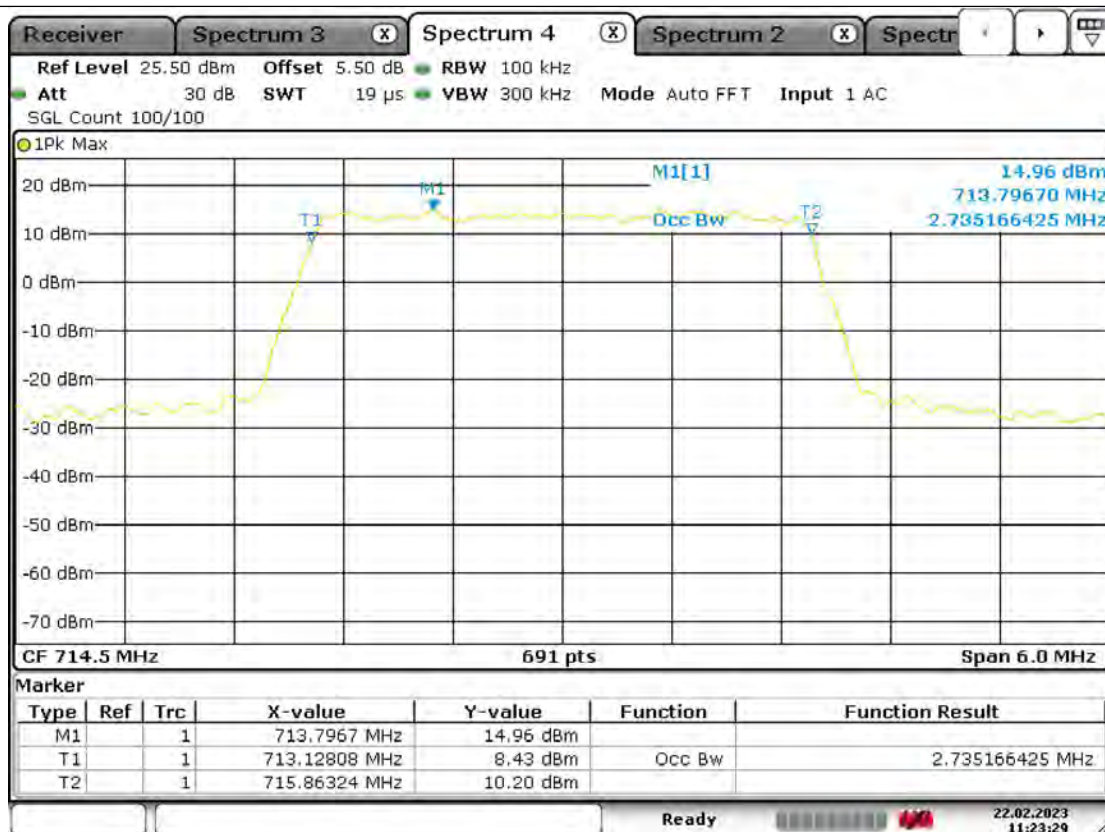
Date: 22.FEB.2023 11:25:29

Band12-3MHz-64QAM-23165-15RB#0



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Test Report No.: PSU-QSU2309010210RF03



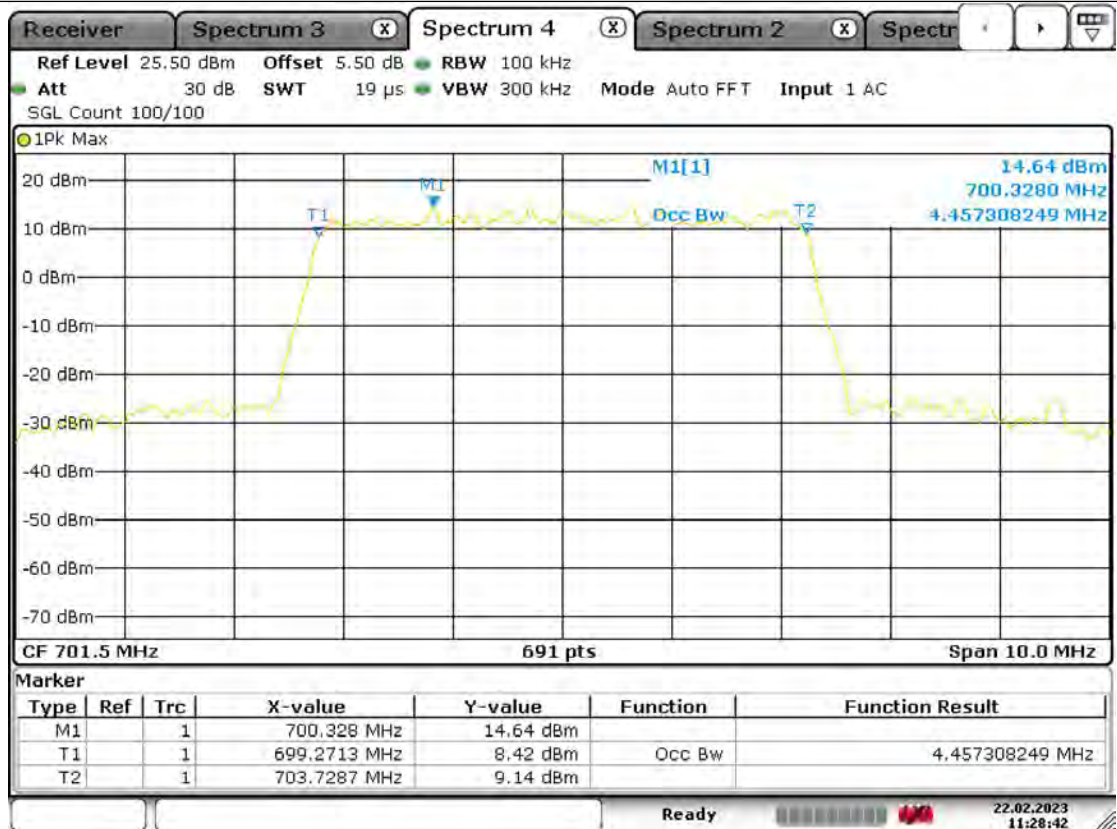
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Band12-5MHz-64QAM-23035-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



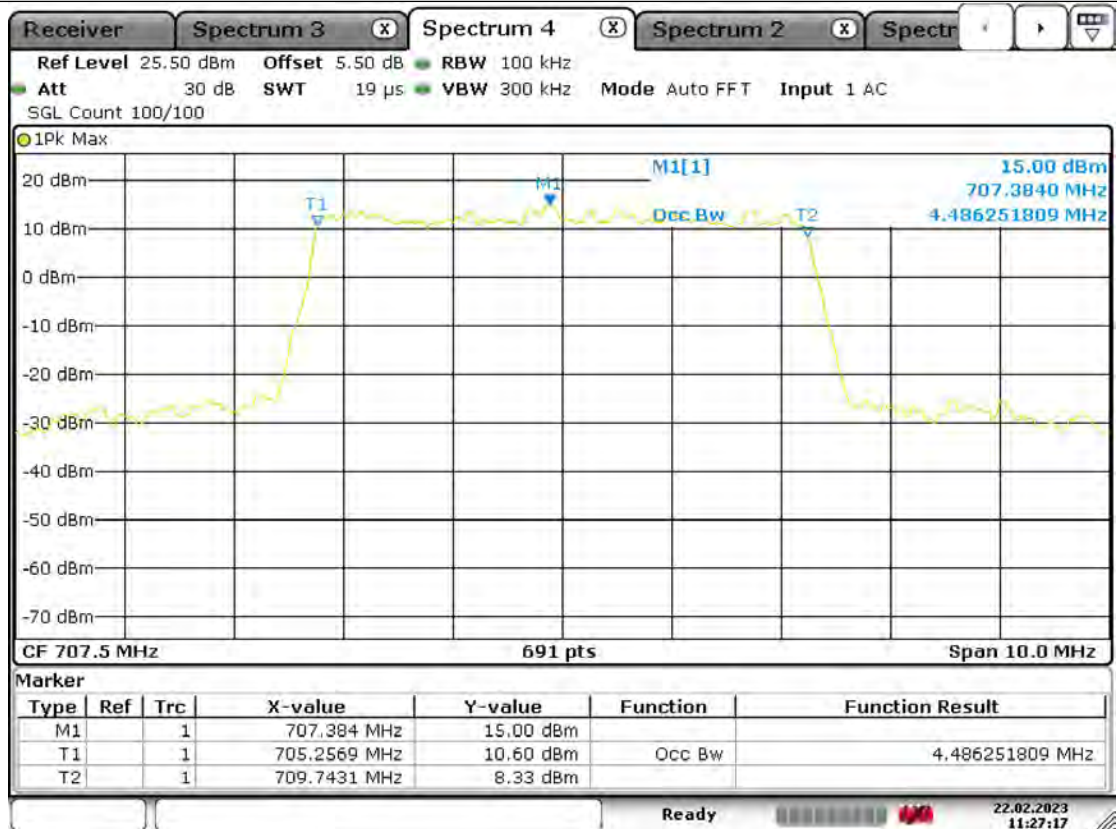
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Band12-5MHz-64QAM-23095-25RB#0



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Test Report No.: PSU-QSU2309010210RF03



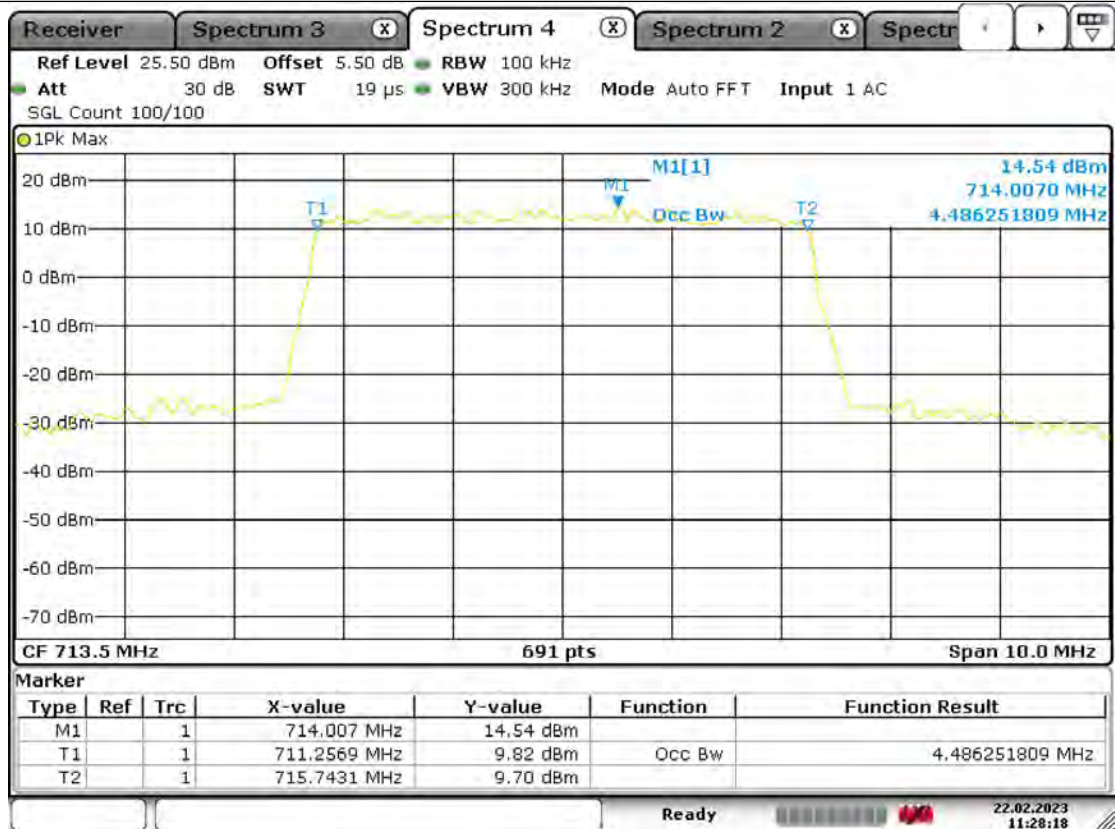
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Band12-5MHz-64QAM-23155-25RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



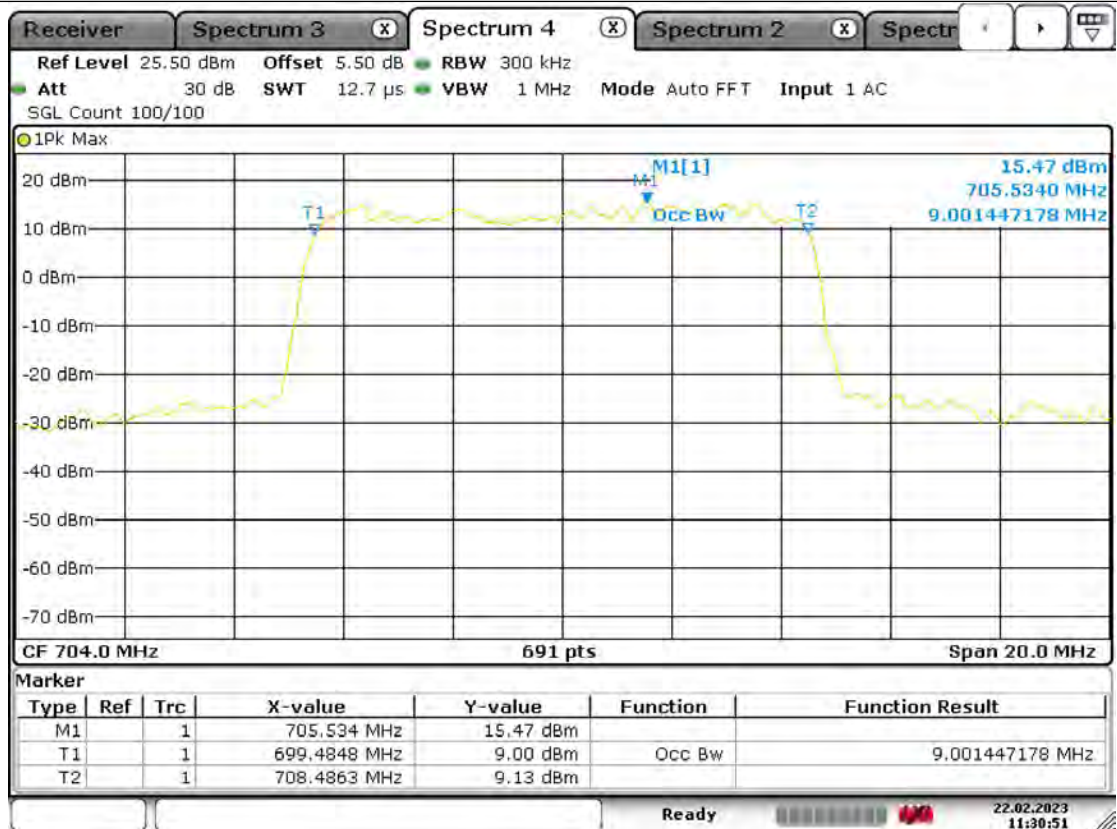
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Band12-10MHz-64QAM-23060-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



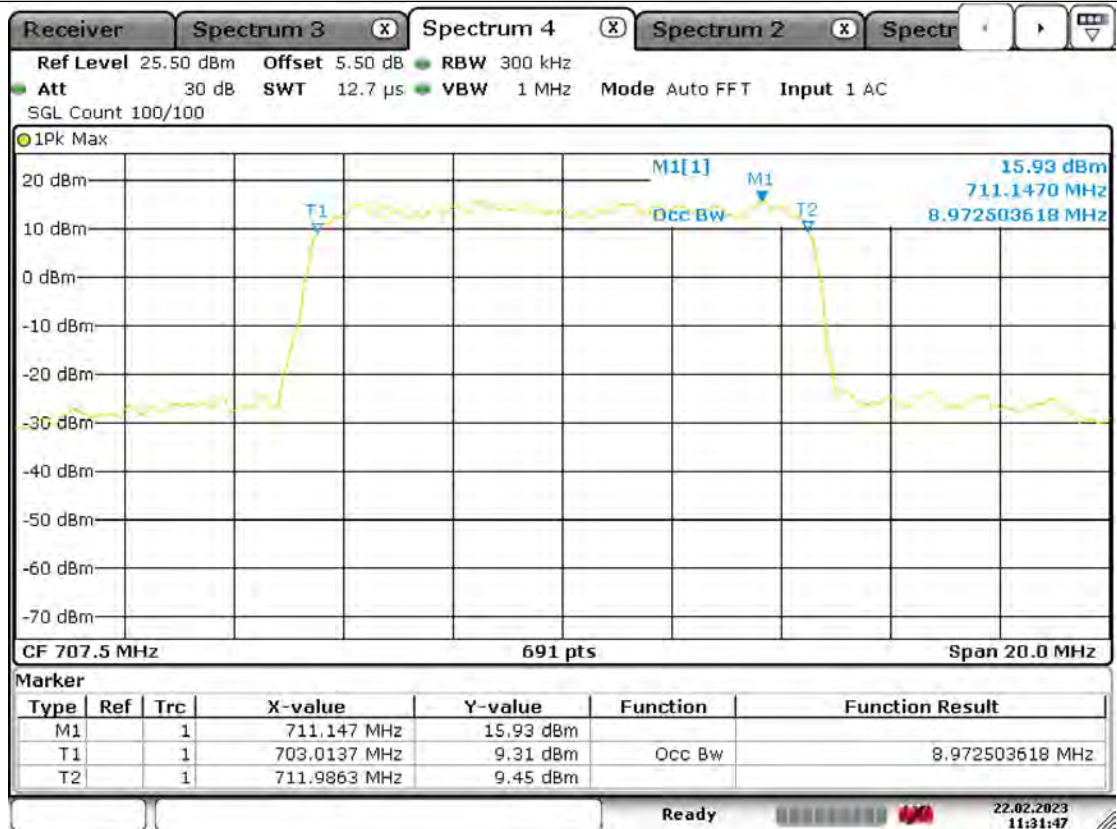
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Band12-10MHz-64QAM-23095-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



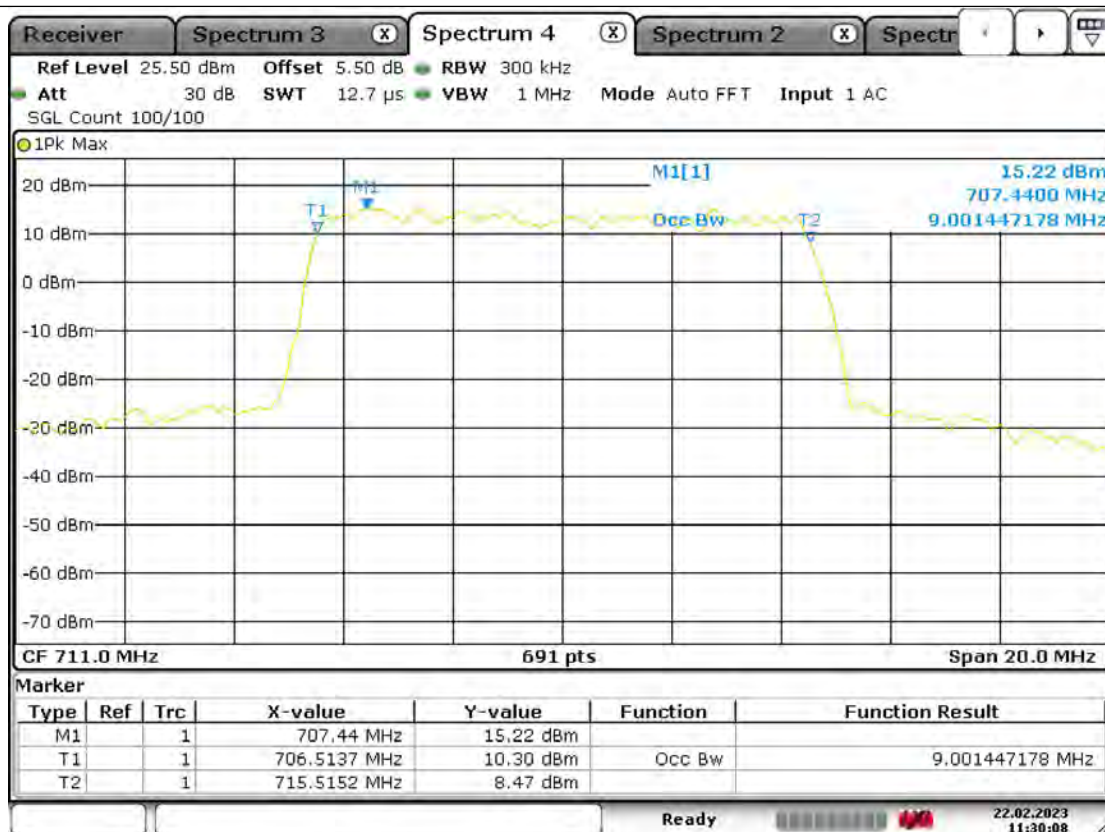
Date: 22.FEB.2023 11:31:47

Band12-10MHz-64QAM-23130-50RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



Date: 22.FEB.2023 11:30:08

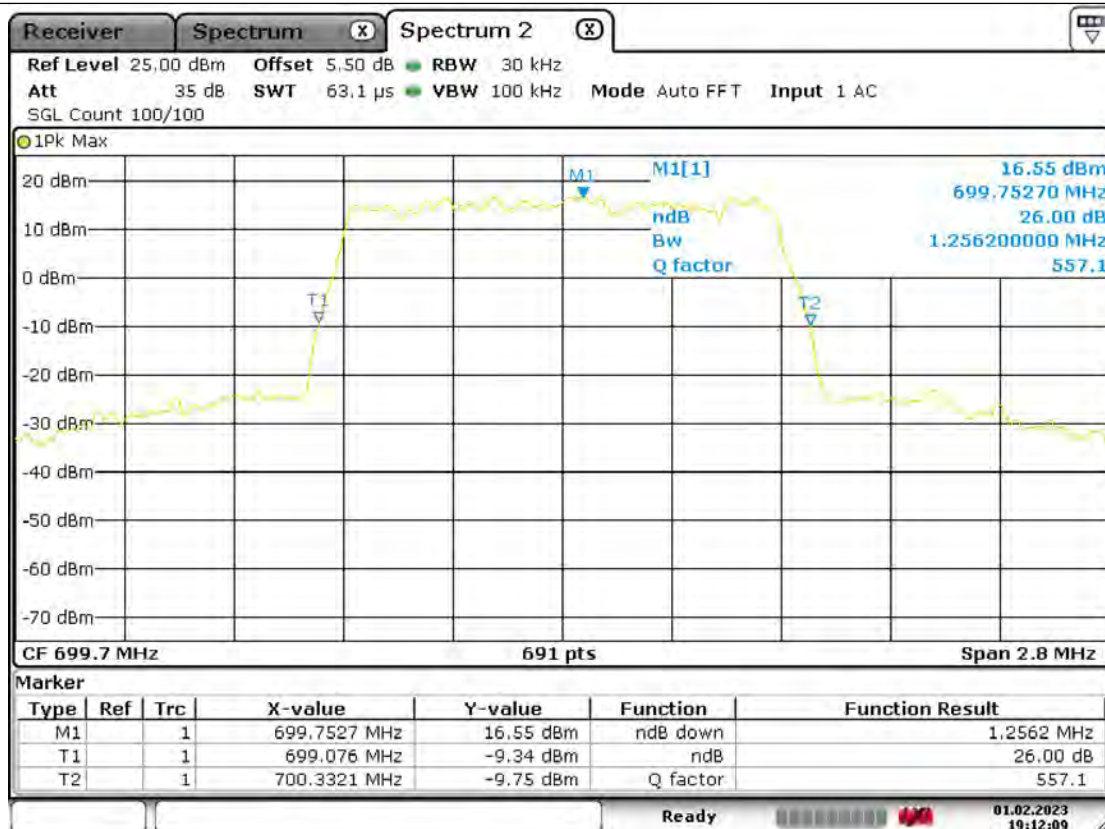
26dB Bandwidth

Band12-1.4MHz-QPSK-23017-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



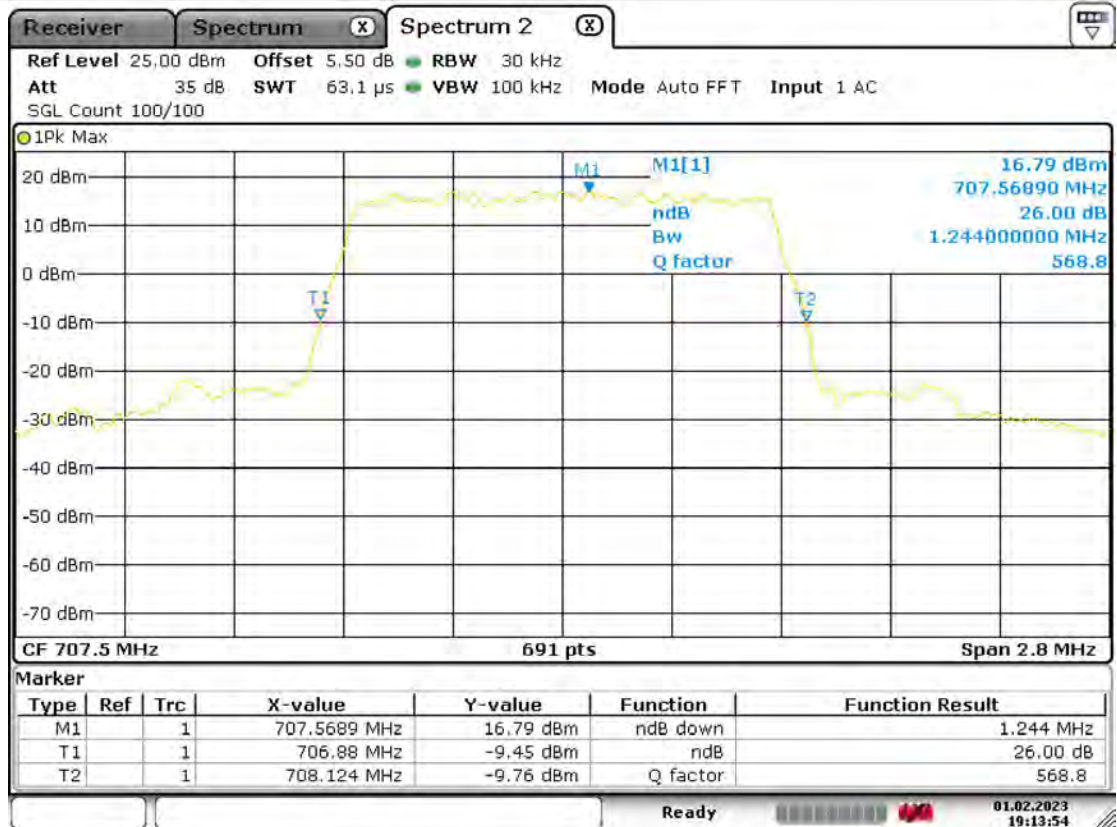
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Band12-1.4MHz-QPSK-23095-6RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



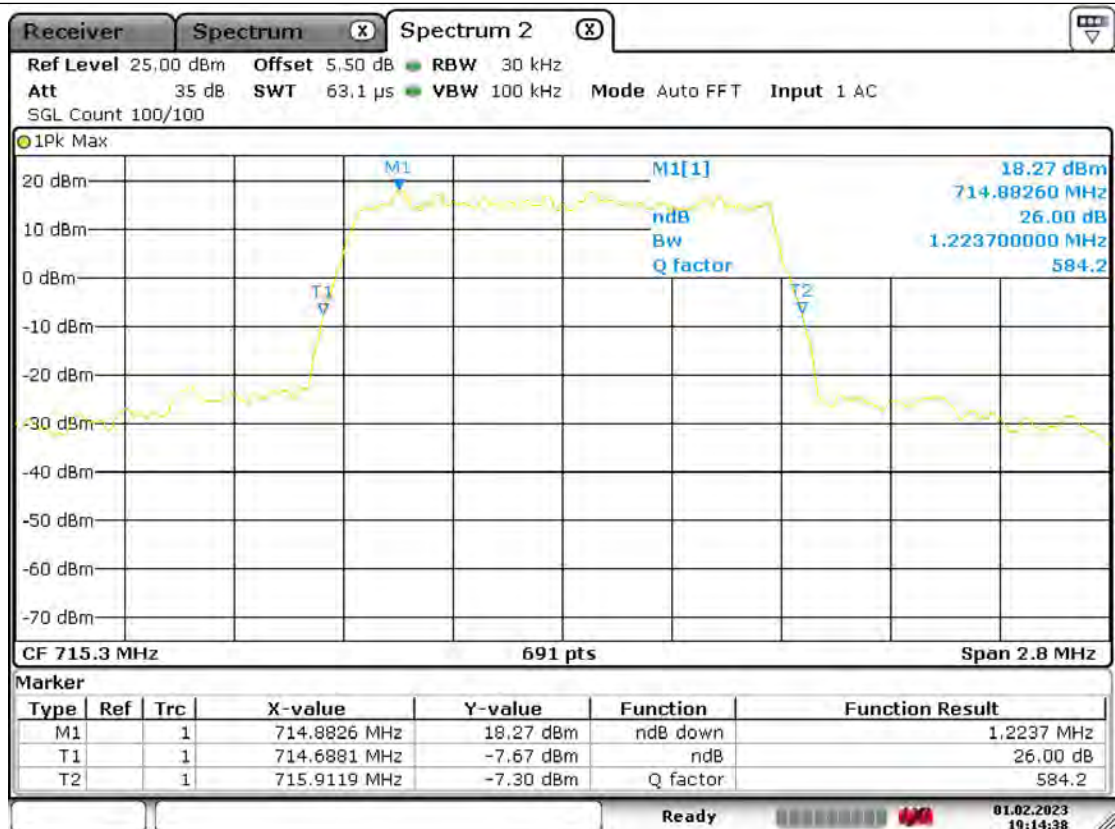
Date: 1.FEB.2023 19:13:54

Band12-1.4MHz-QPSK-23173-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



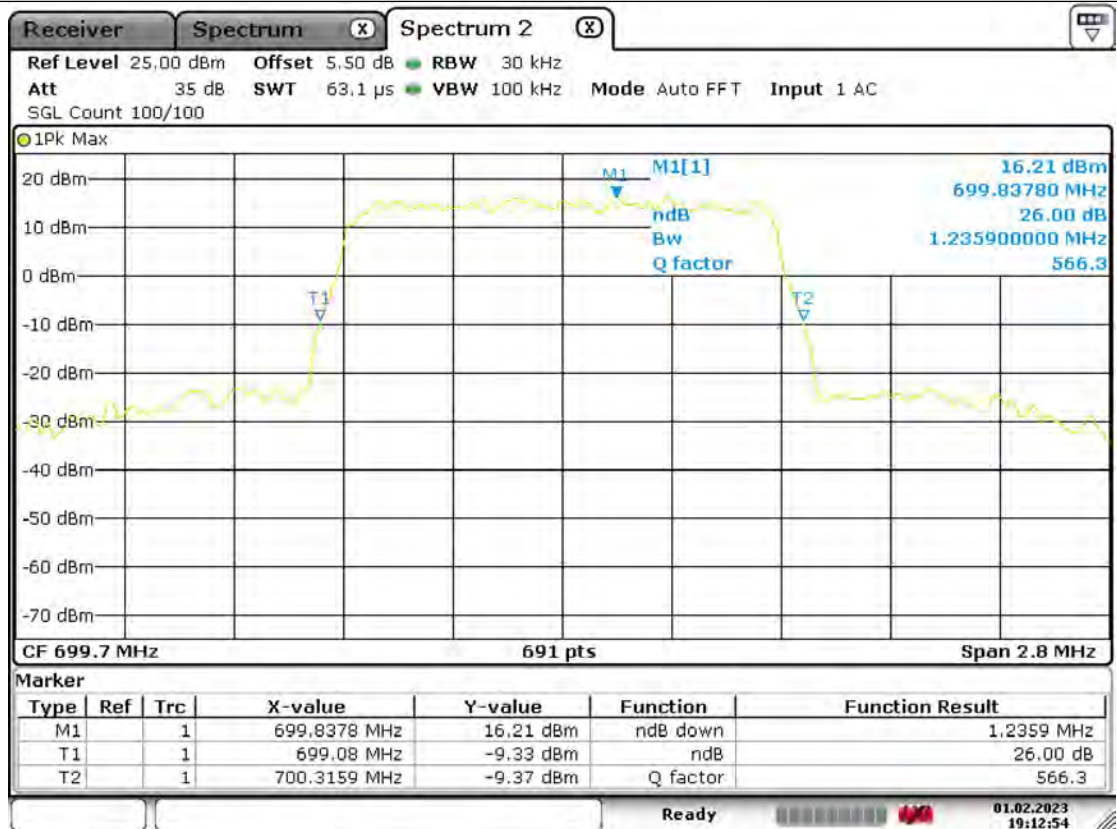
Date: 1.FEB.2023 19:14:38

Band12-1.4MHz-16QAM-23017-6RB#0



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Test Report No.: PSU-QSU2309010210RF03



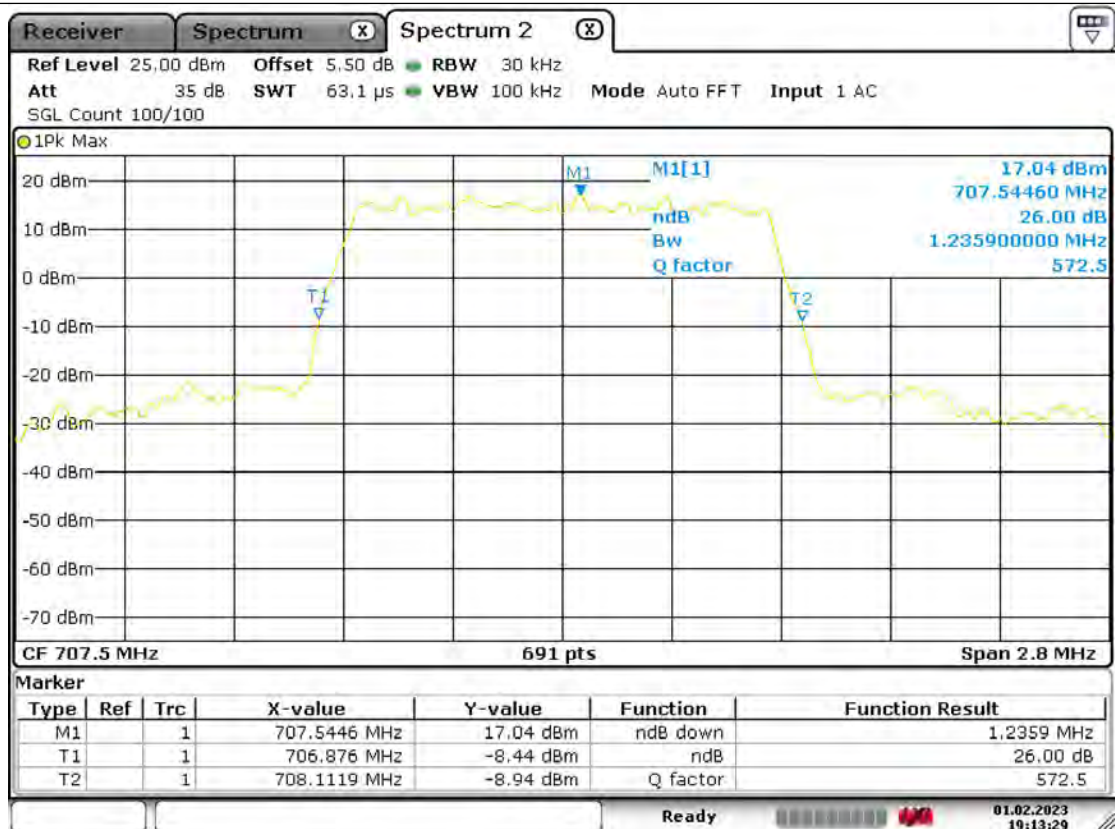
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Band12-1.4MHz-16QAM-23095-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



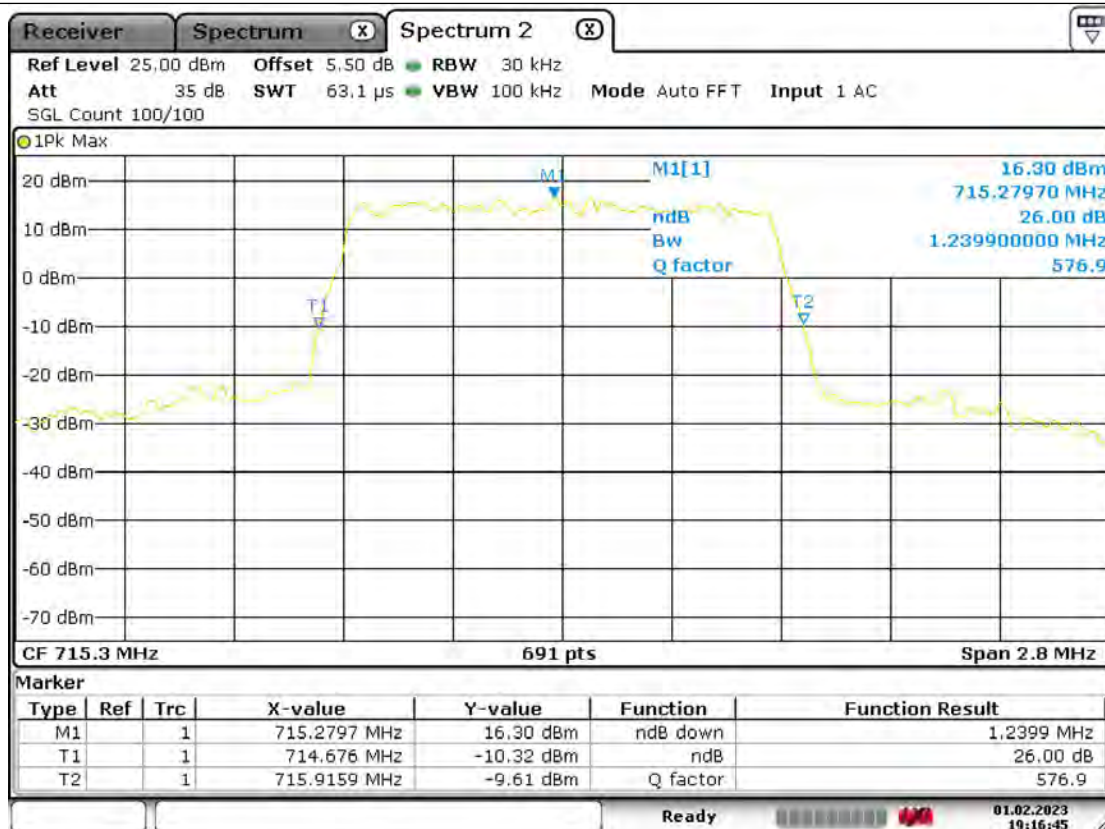
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Band12-1.4MHz-16QAM-23173-6RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



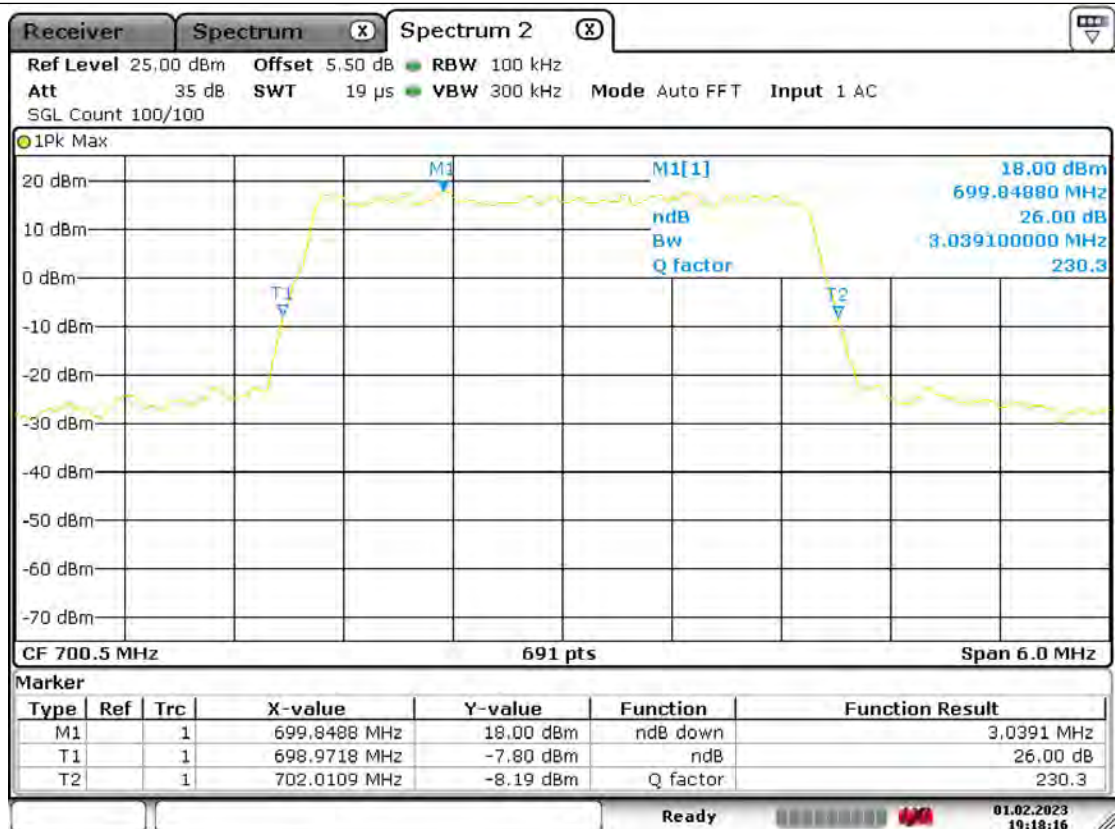
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Band12-3MHz-QPSK-23025-15RB#0



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Test Report No.: PSU-QSU2309010210RF03



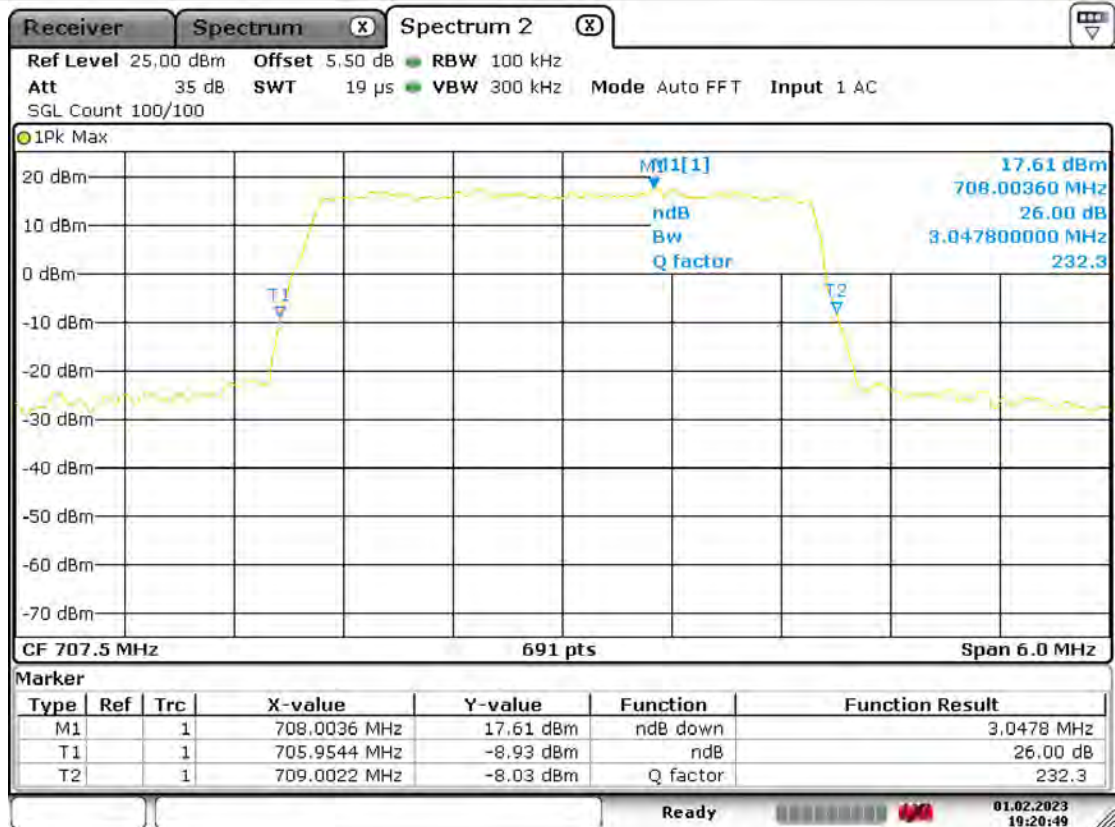
Date: 1.FEB.2023 19:18:15

Band12-3MHz-QPSK-23095-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



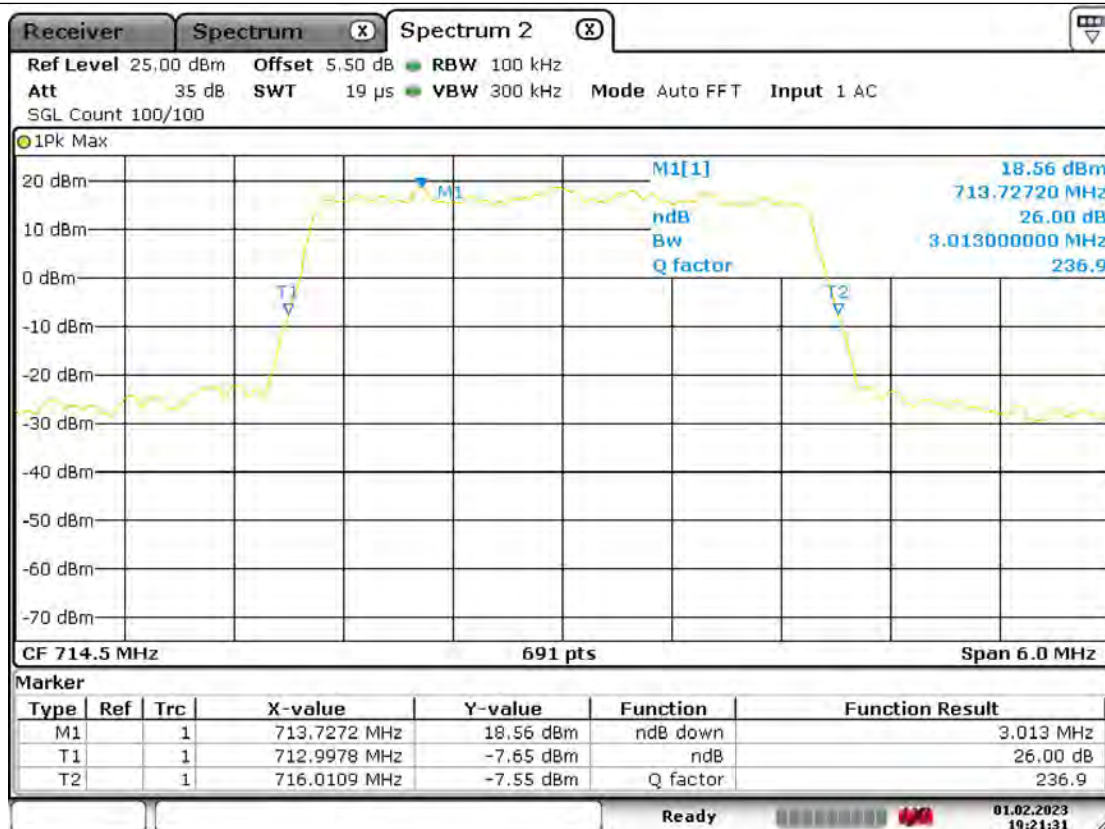
Date: 1.FEB.2023 19:20:48

Band12-3MHz-QPSK-23165-15RB#0



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VERITAS

Test Report No.: PSU-QSU2309010210RF03



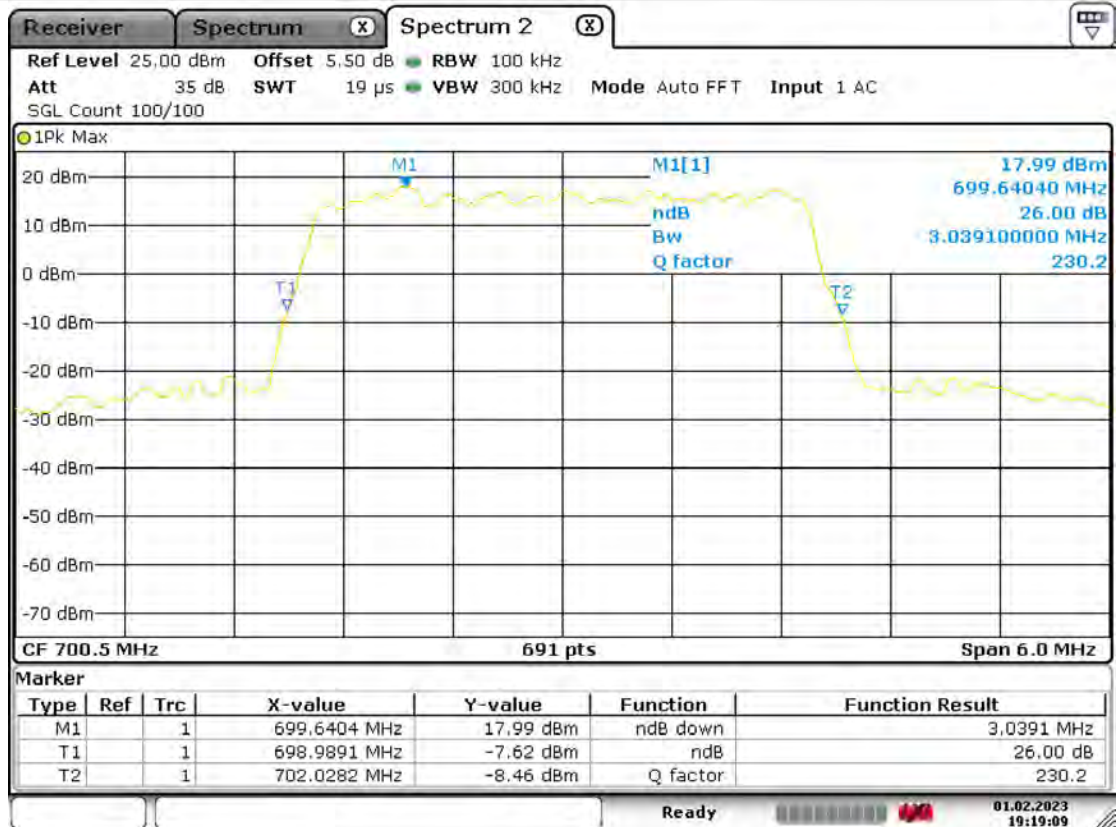
Date: 1.FEB.2023 19:21:31

Band12-3MHz-16QAM-23025-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



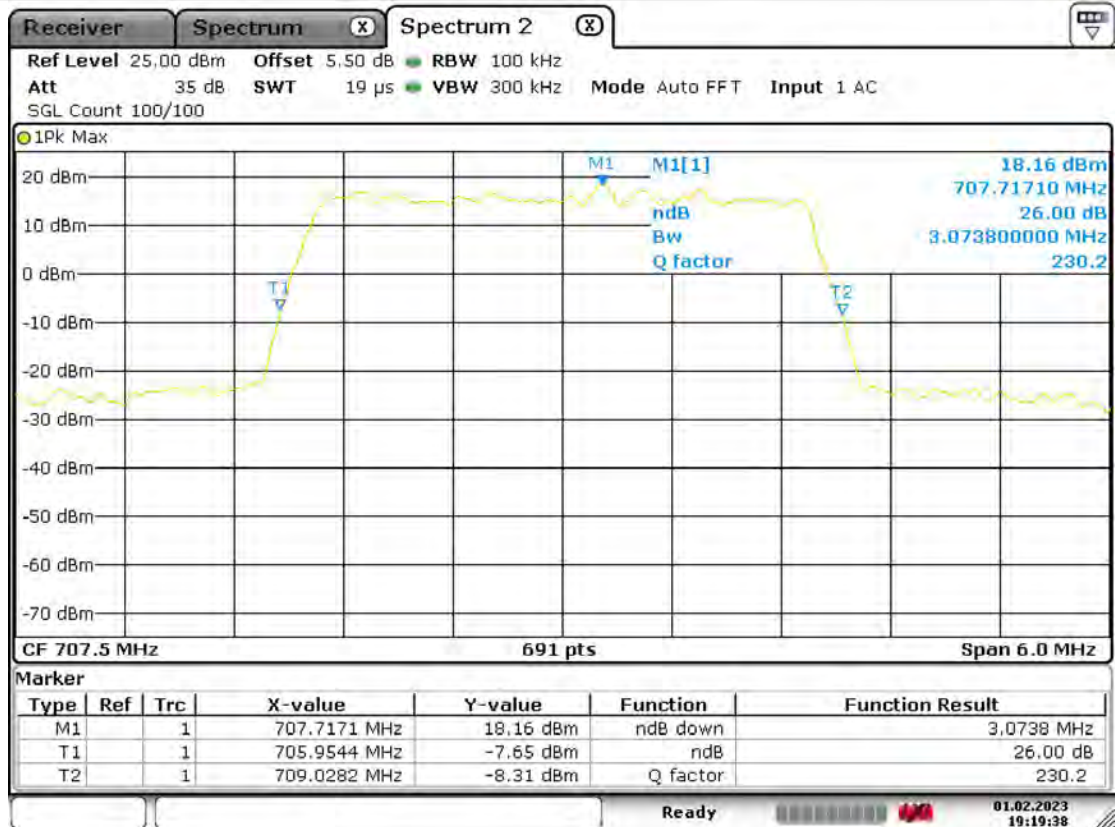
Date: 1.FEB.2023 19:19:09

Band12-3MHz-16QAM-23095-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



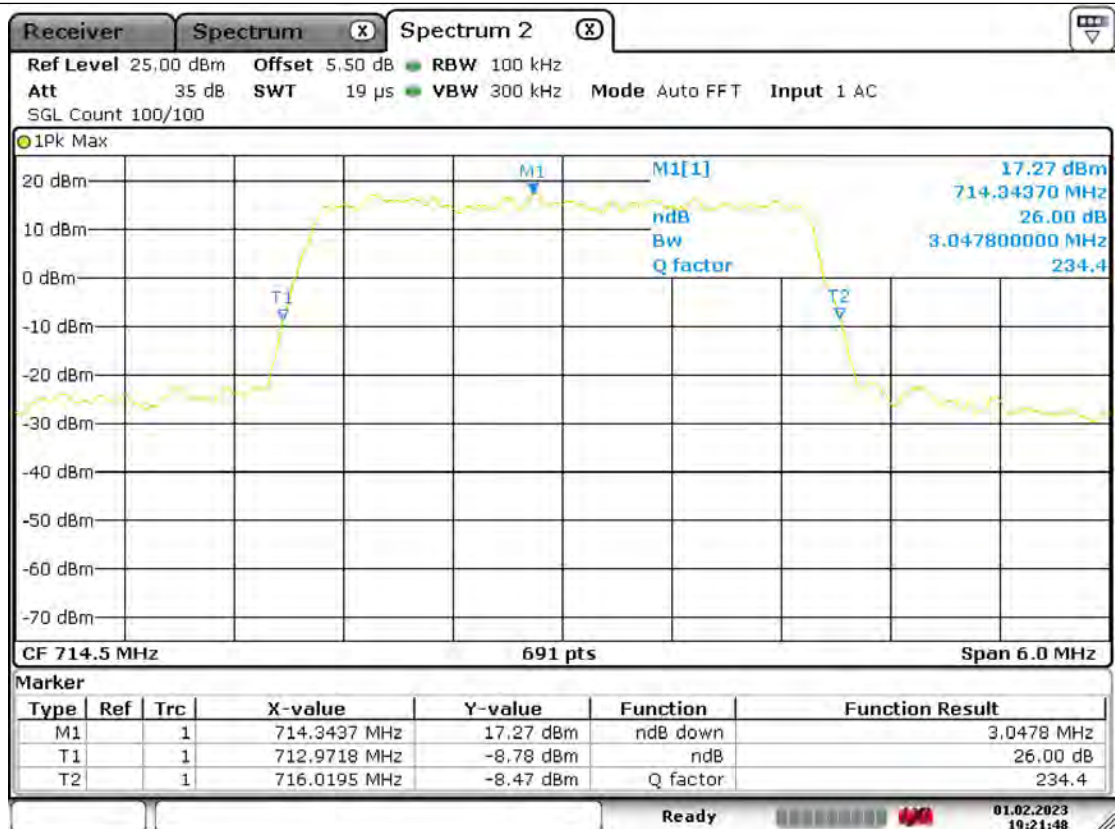
Date: 1.FEB.2023 19:19:38

Band12-3MHz-16QAM-23165-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



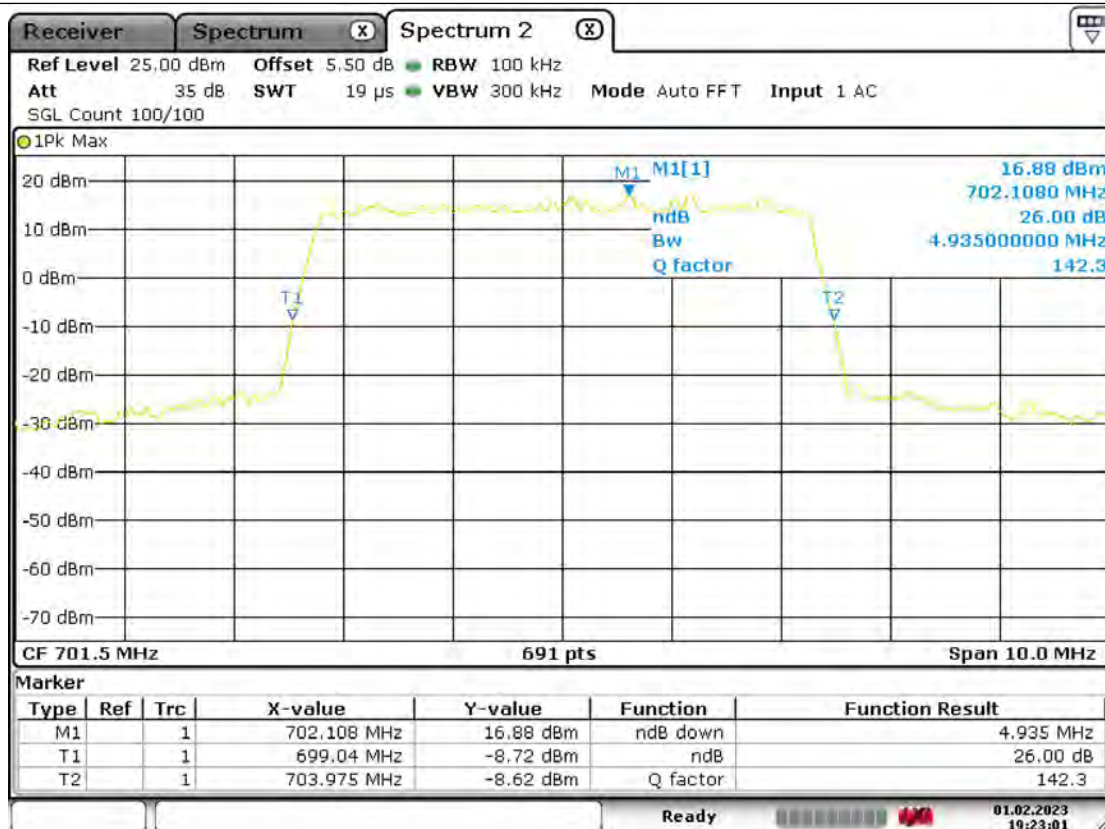
Date: 1.FEB.2023 19:21:47

Band12-5MHz-QPSK-23035-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



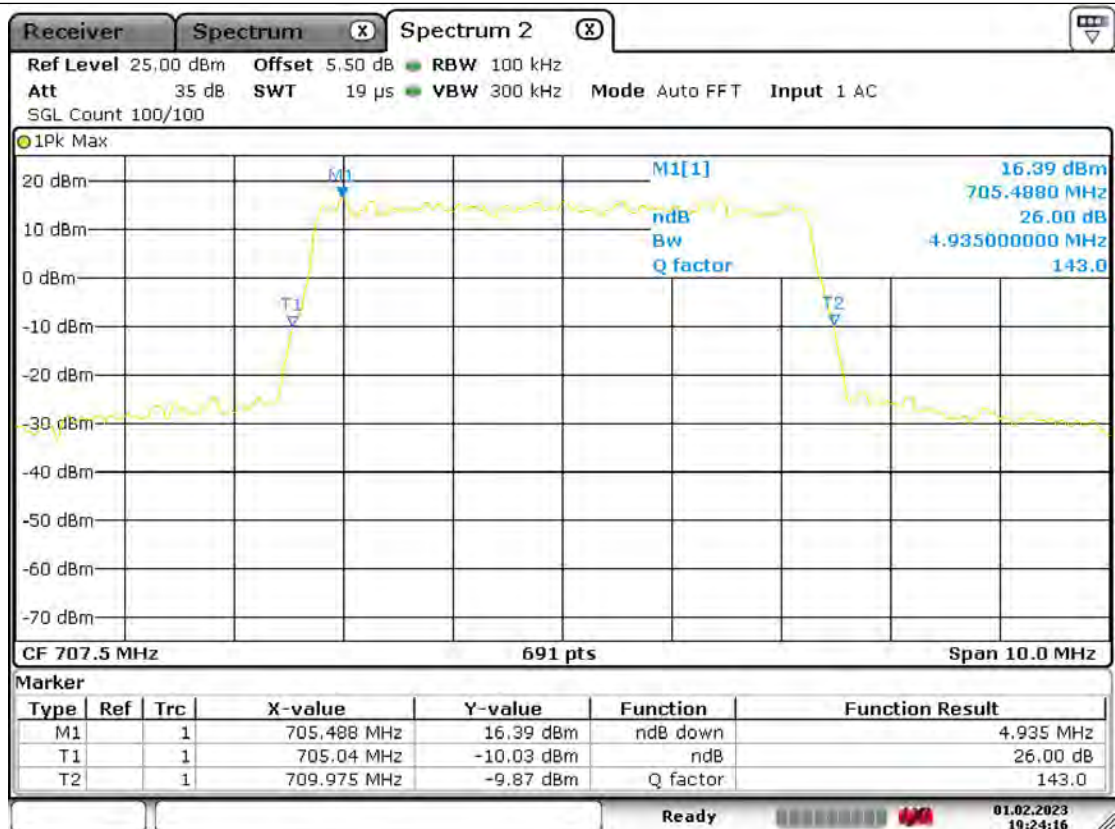
Date: 1.FEB.2023 19:23:01

Band12-5MHz-QPSK-23095-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



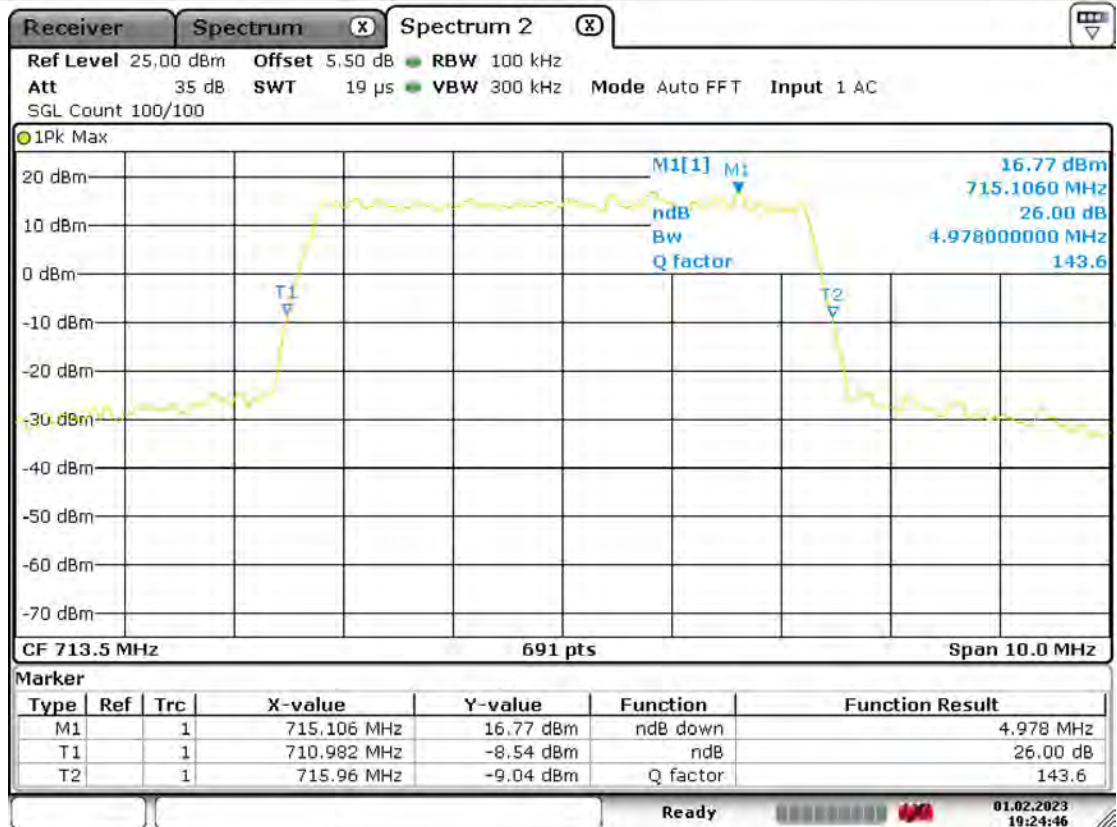
Date: 1.FEB.2023 19:24:15

Band12-5MHz-QPSK-23155-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



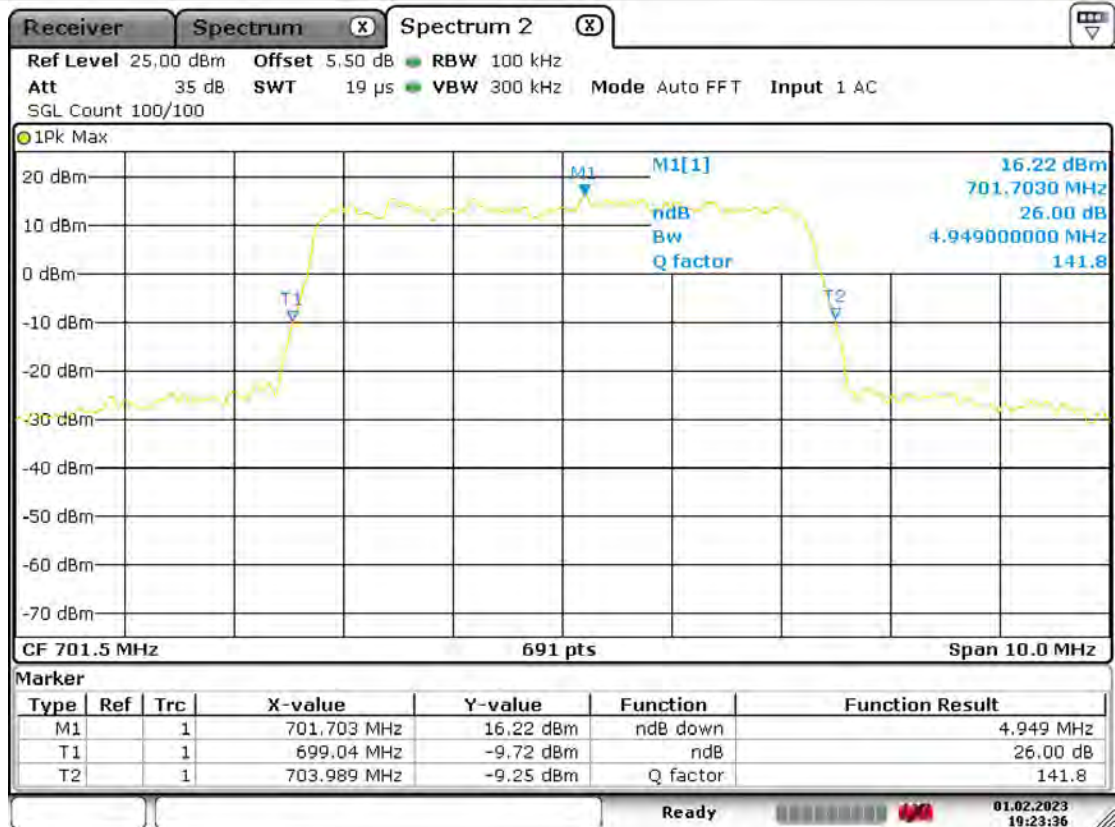
Date: 1.FEB.2023 19:24:46

Band12-5MHz-16QAM-23035-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



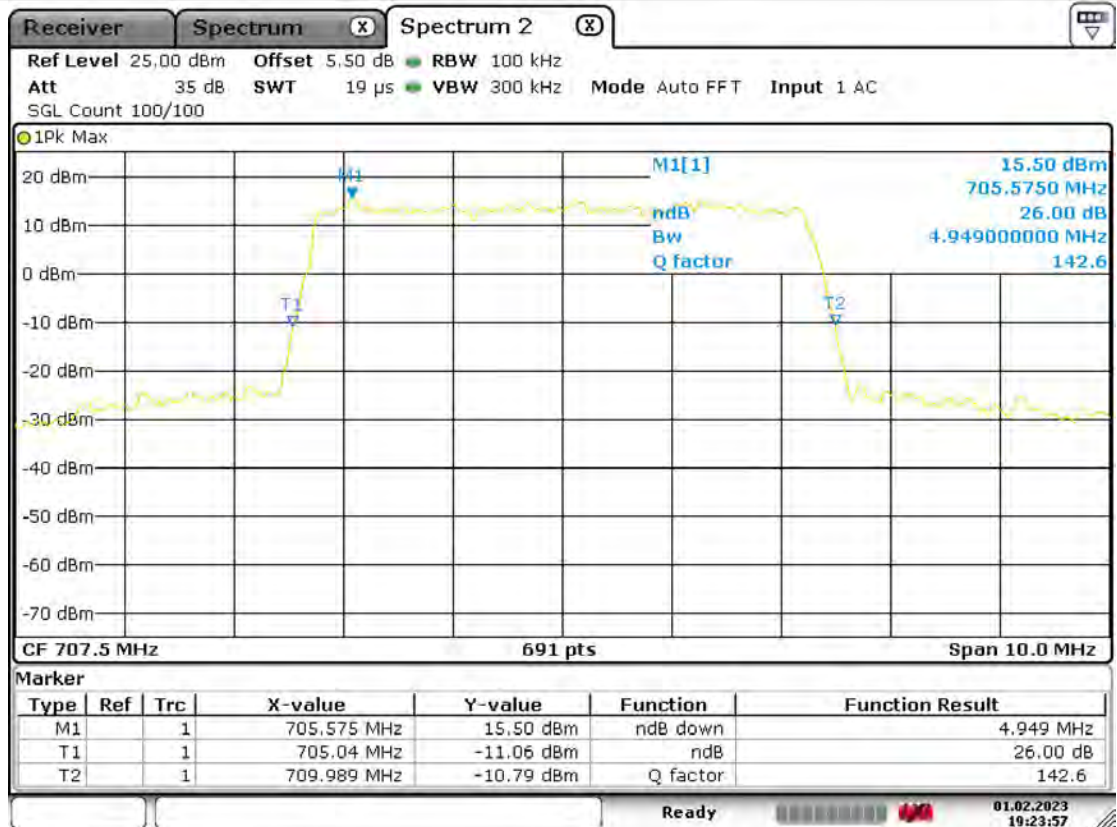
Date: 1.FEB.2023 19:23:35

Band12-5MHz-16QAM-23095-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



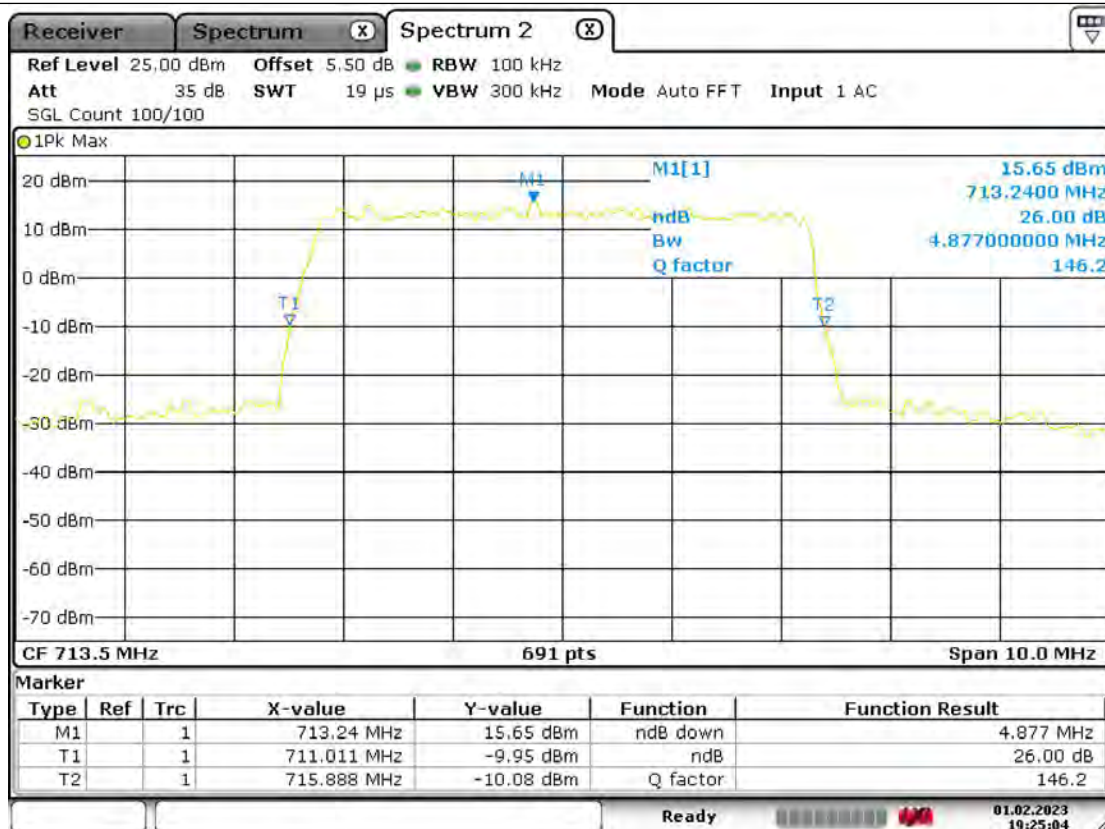
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Band12-5MHz-16QAM-23155-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



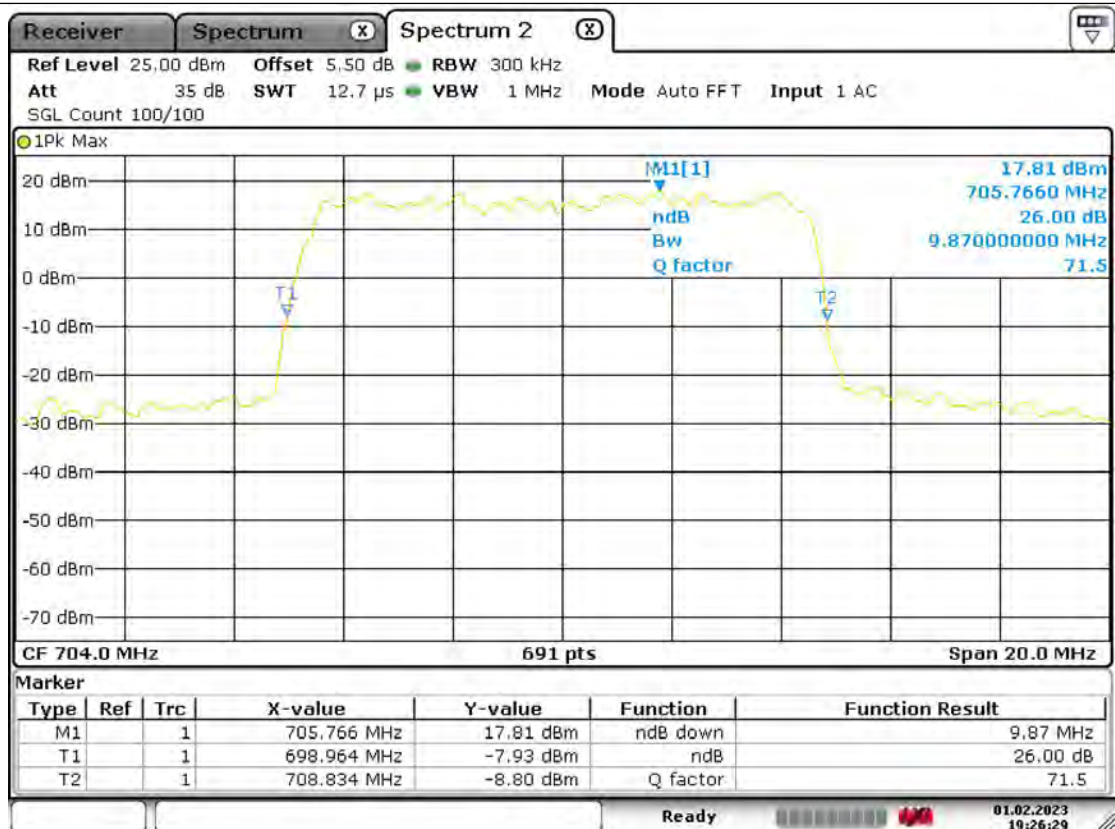
Date: 1.FEB.2023 19:25:03

Band12-10MHz-QPSK-23060-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



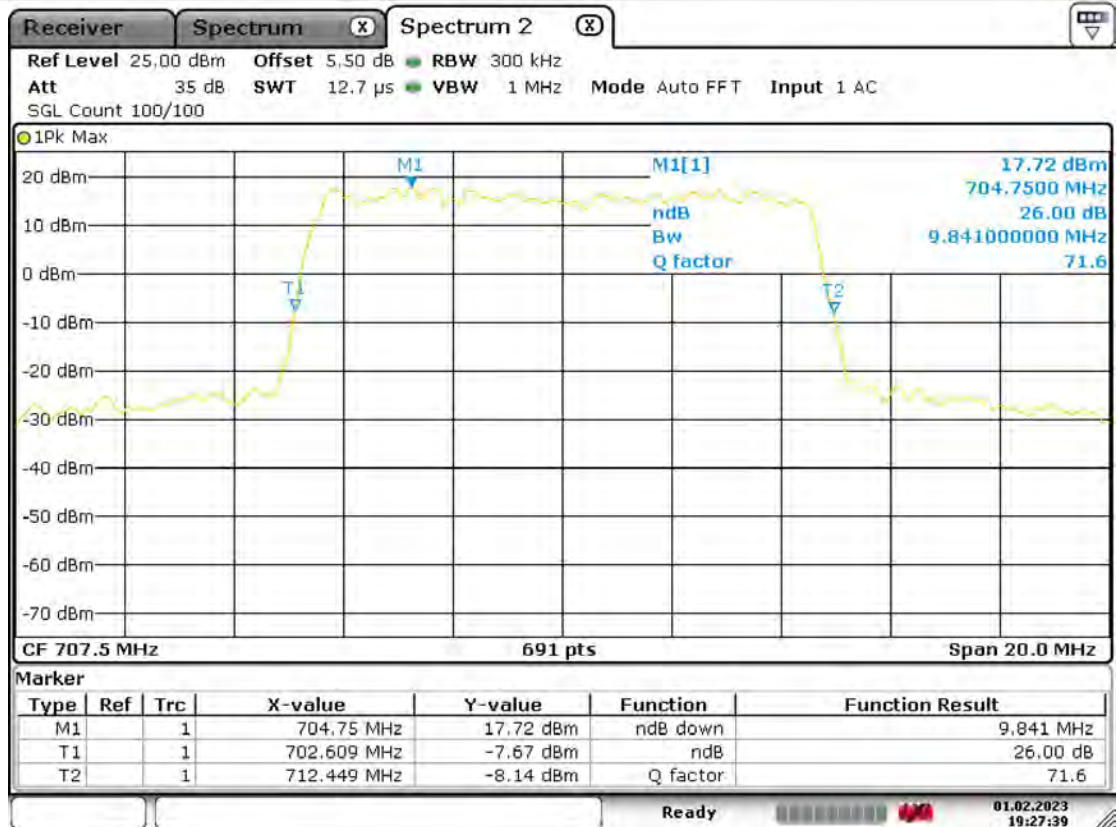
Date: 1.FEB.2023 19:26:29

Band12-10MHz-QPSK-23095-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



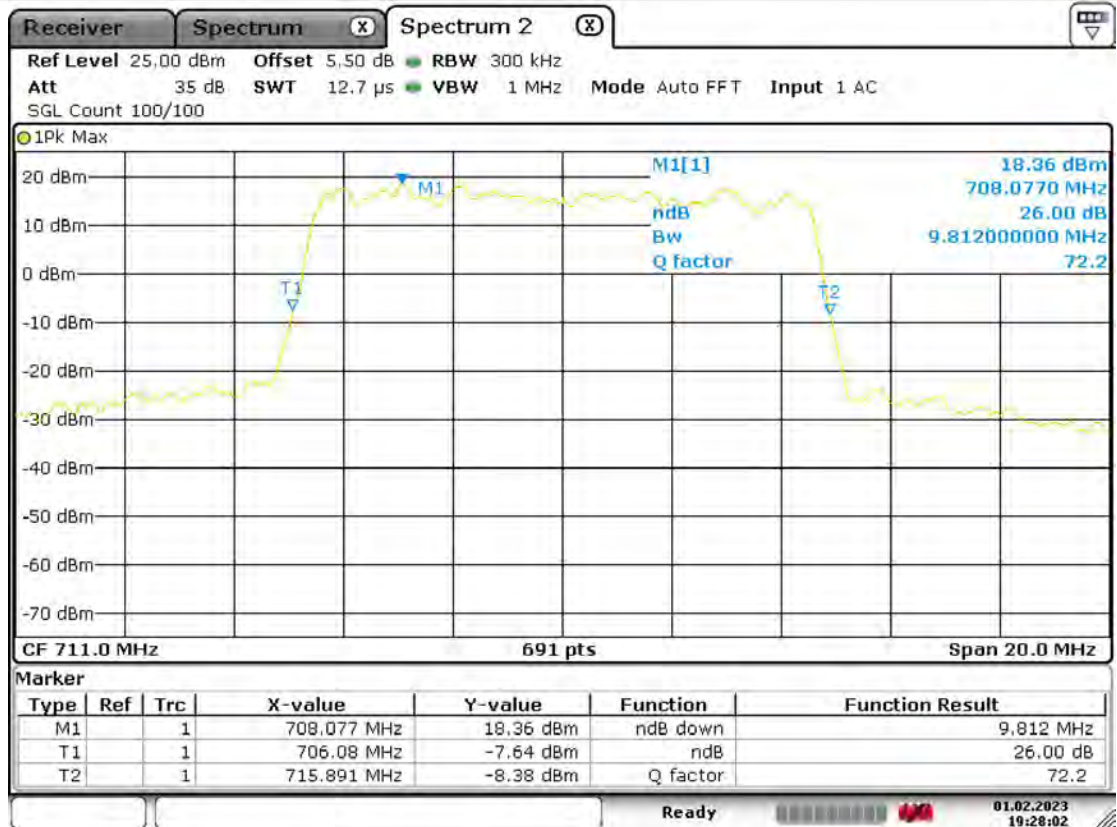
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Band12-10MHz-QPSK-23130-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



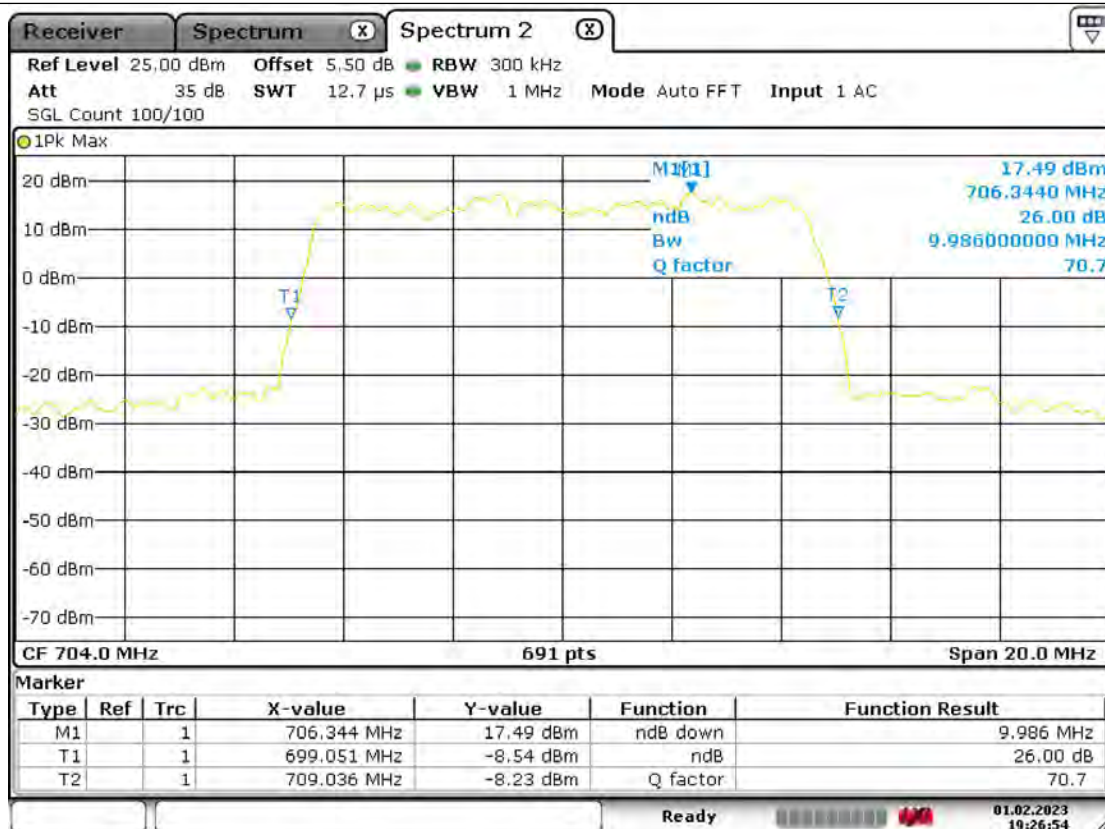
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Band12-10MHz-16QAM-23060-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



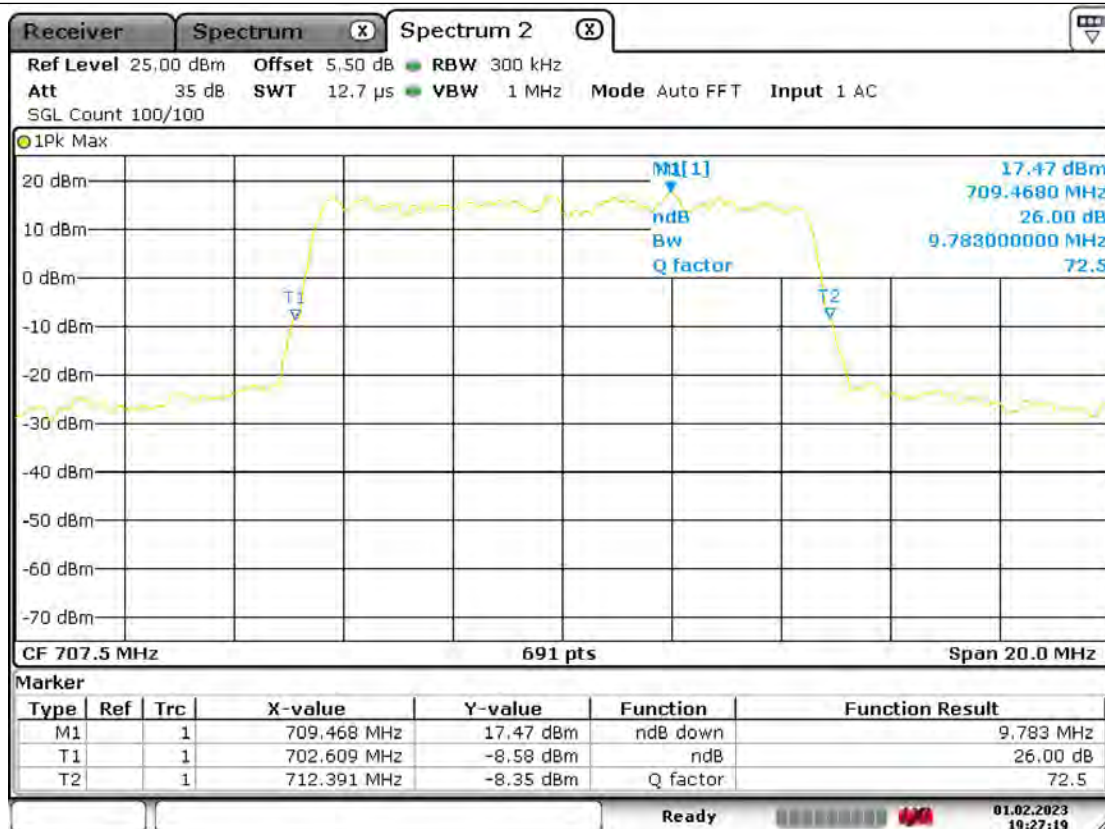
Date: 1.FEB.2023 19:26:53

Band12-10MHz-16QAM-23095-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



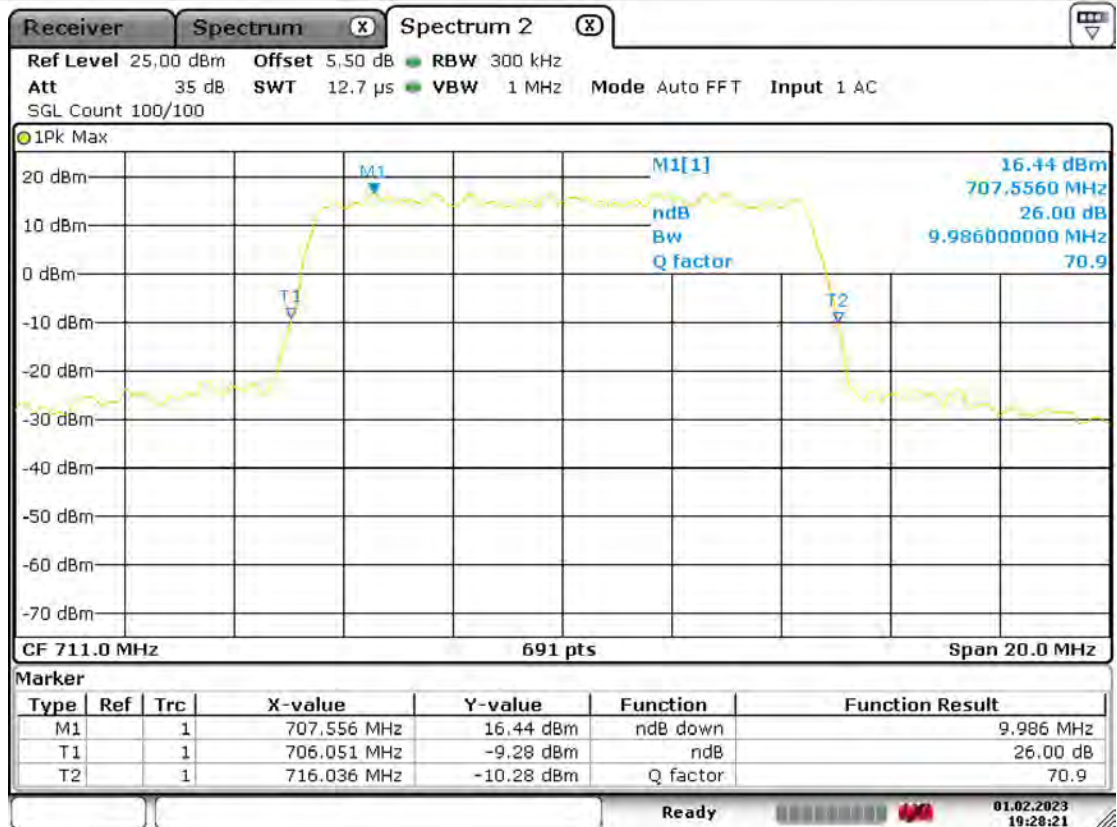
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Band12-10MHz-16QAM-23130-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



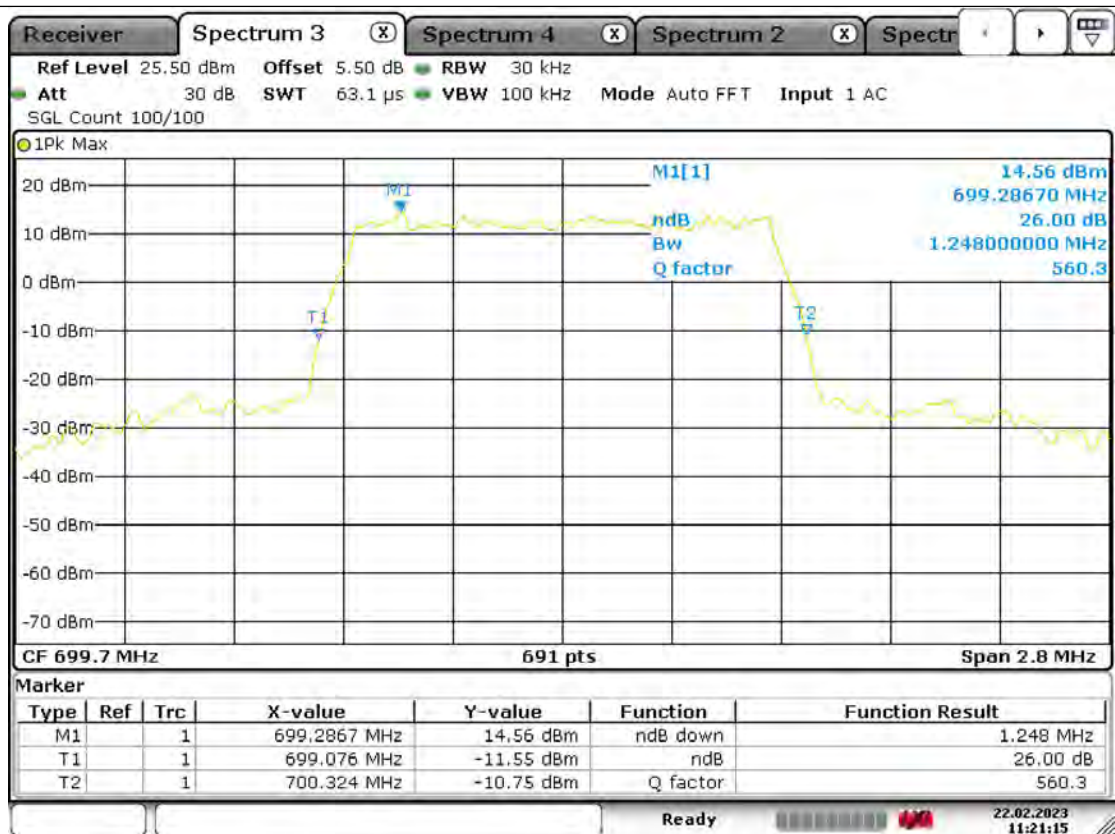
Date: 1.FEB.2023 19:28:21

Band12-1.4MHz-64QAM-23017-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



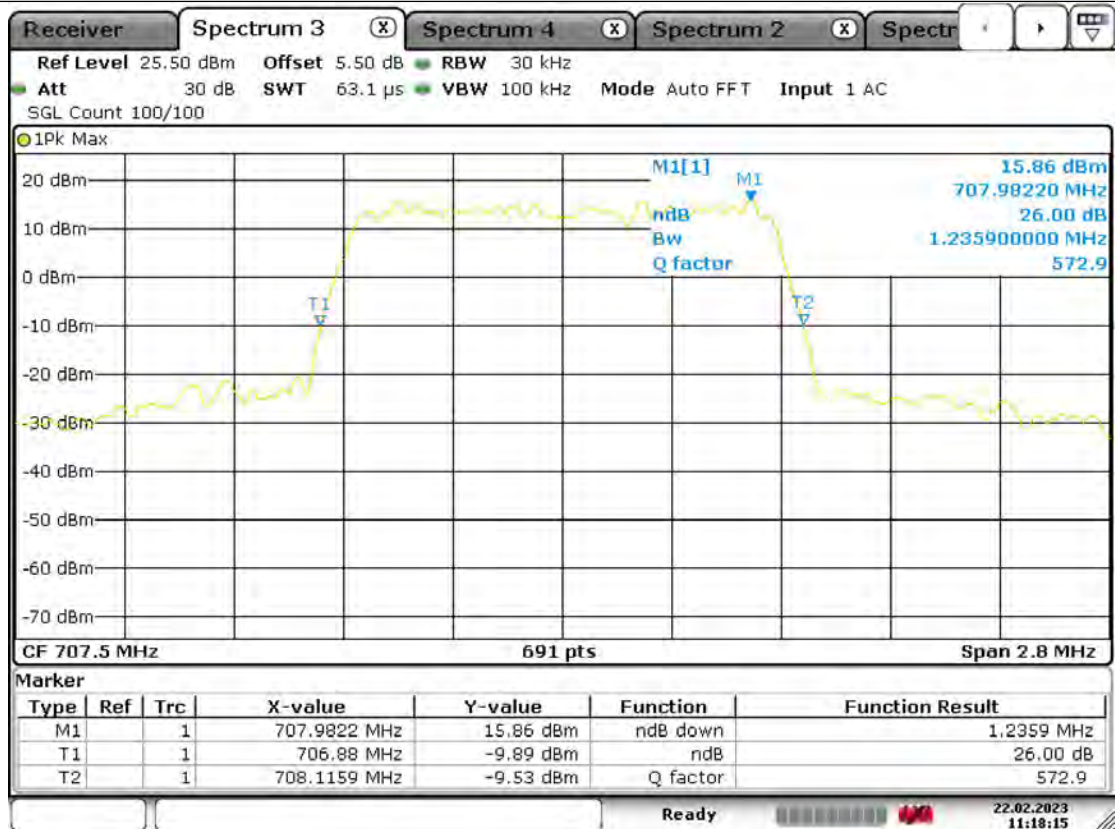
Date: 22.FEB.2023 11:21:14

Band12-1.4MHz-64QAM-23095-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



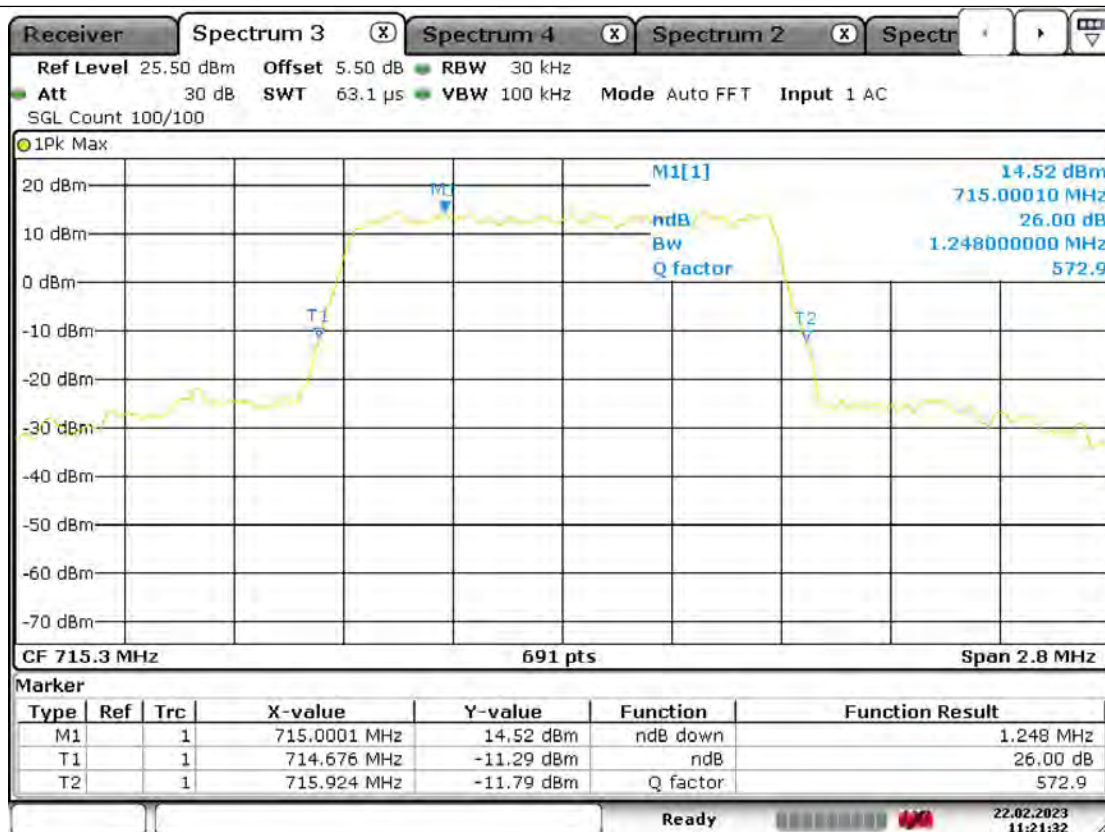
Date: 22.FEB.2023 11:18:15

Band12-1.4MHz-64QAM-23173-6RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



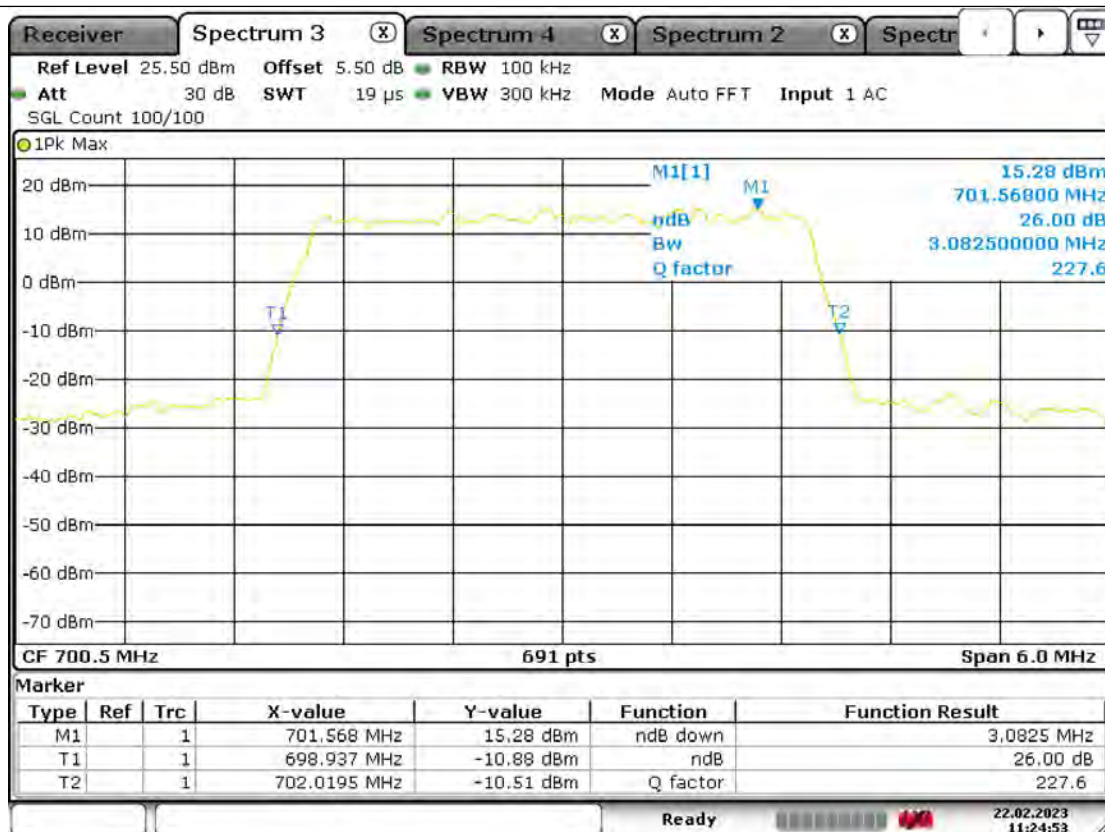
Date: 22.FEB.2023 11:21:32

Band12-3MHz-64QAM-23025-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



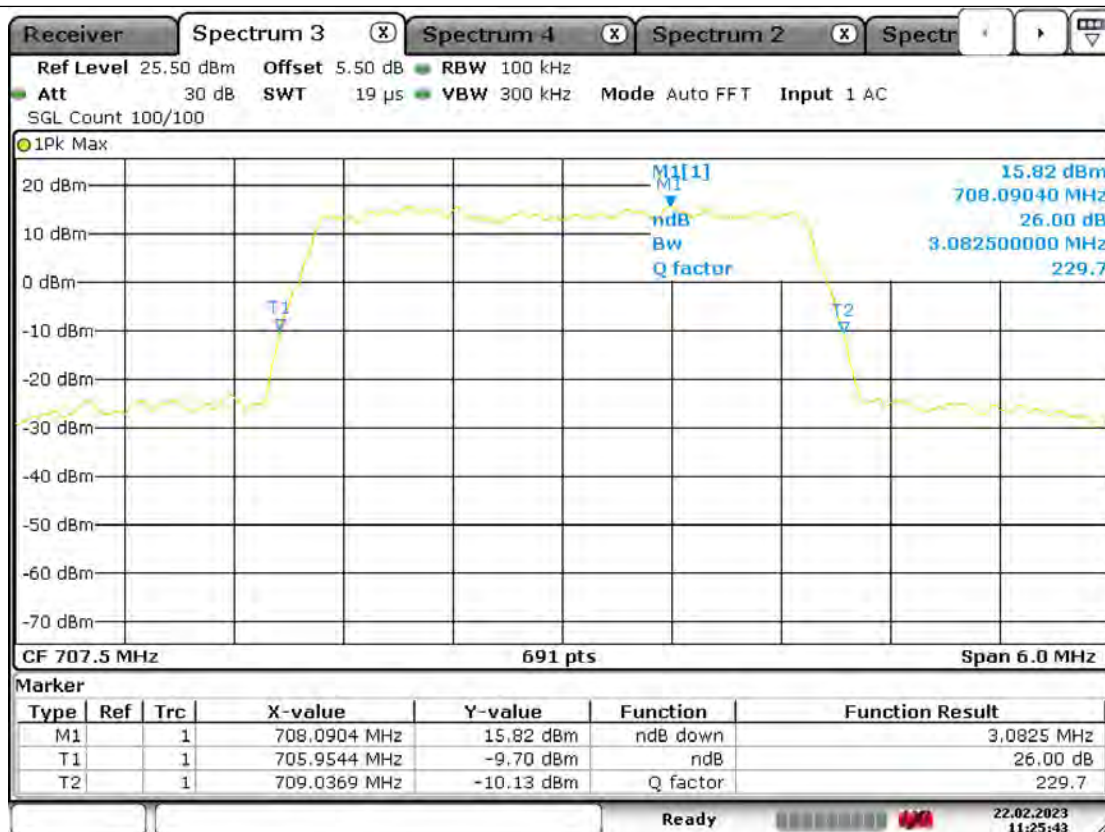
Date: 22.FEB.2023 11:24:53

Band12-3MHz-64QAM-23095-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



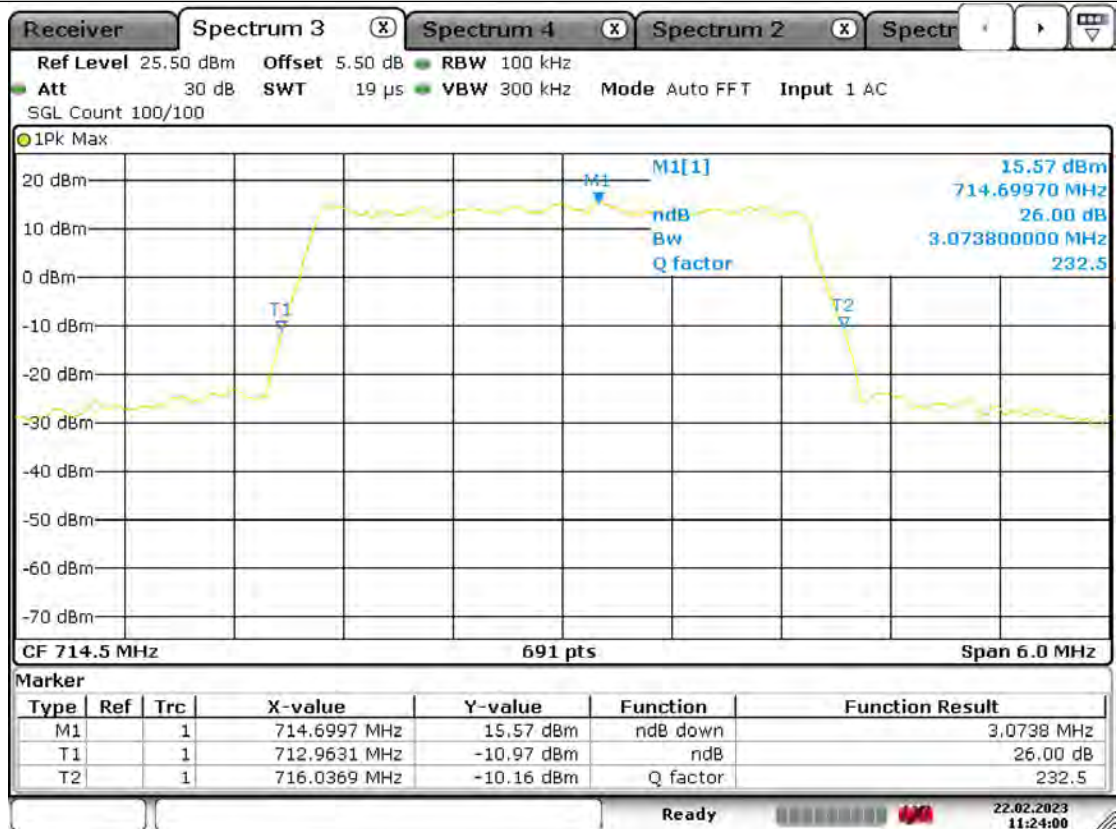
Date: 22.FEB.2023 11:25:43

Band12-3MHz-64QAM-23165-15RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



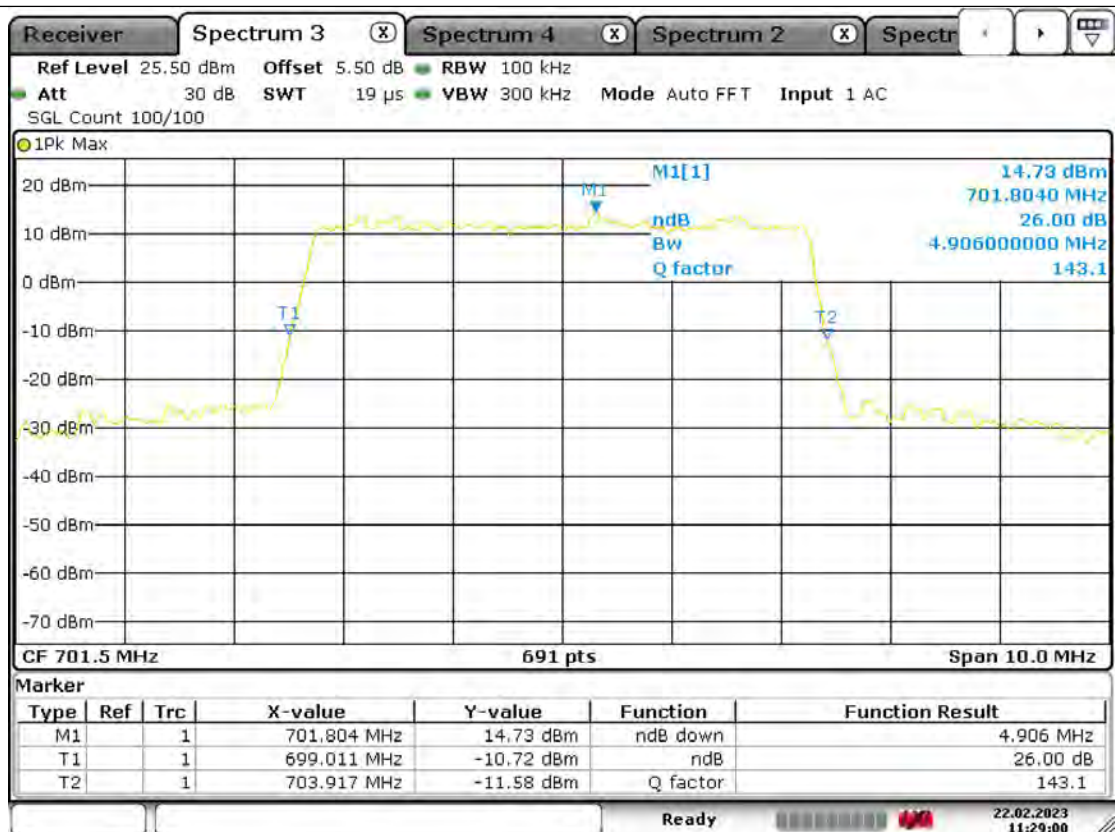
Date: 22.FEB.2023 11:24:00

Band12-5MHz-64QAM-23035-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



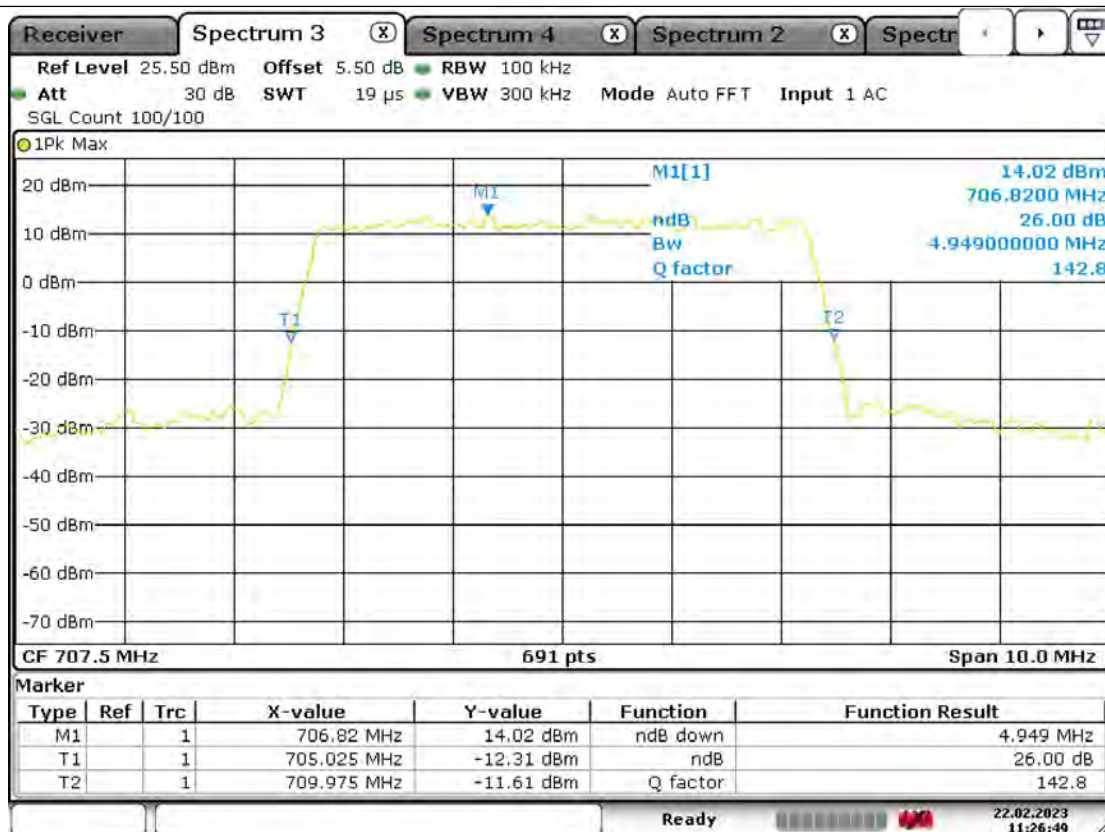
Date: 22.FEB.2023 11:29:00

Band12-5MHz-64QAM-23095-25RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



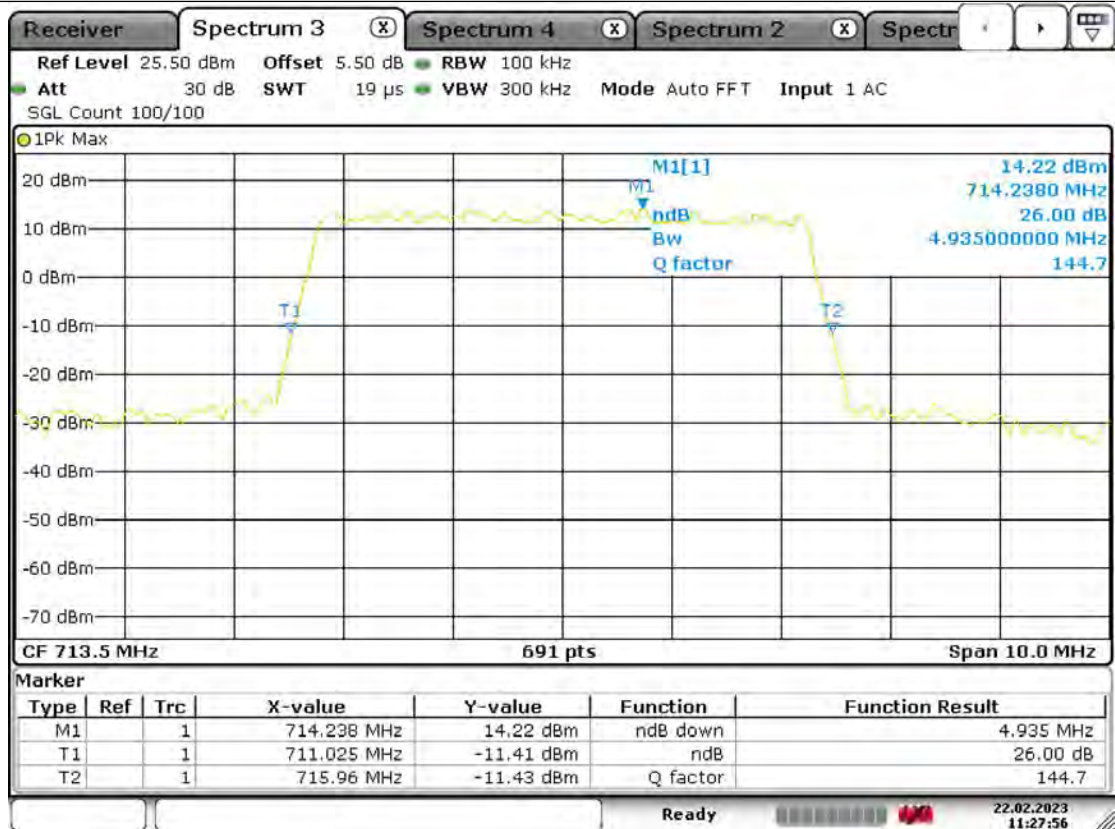
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Band12-5MHz-64QAM-23155-25RB#0



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VERITAS

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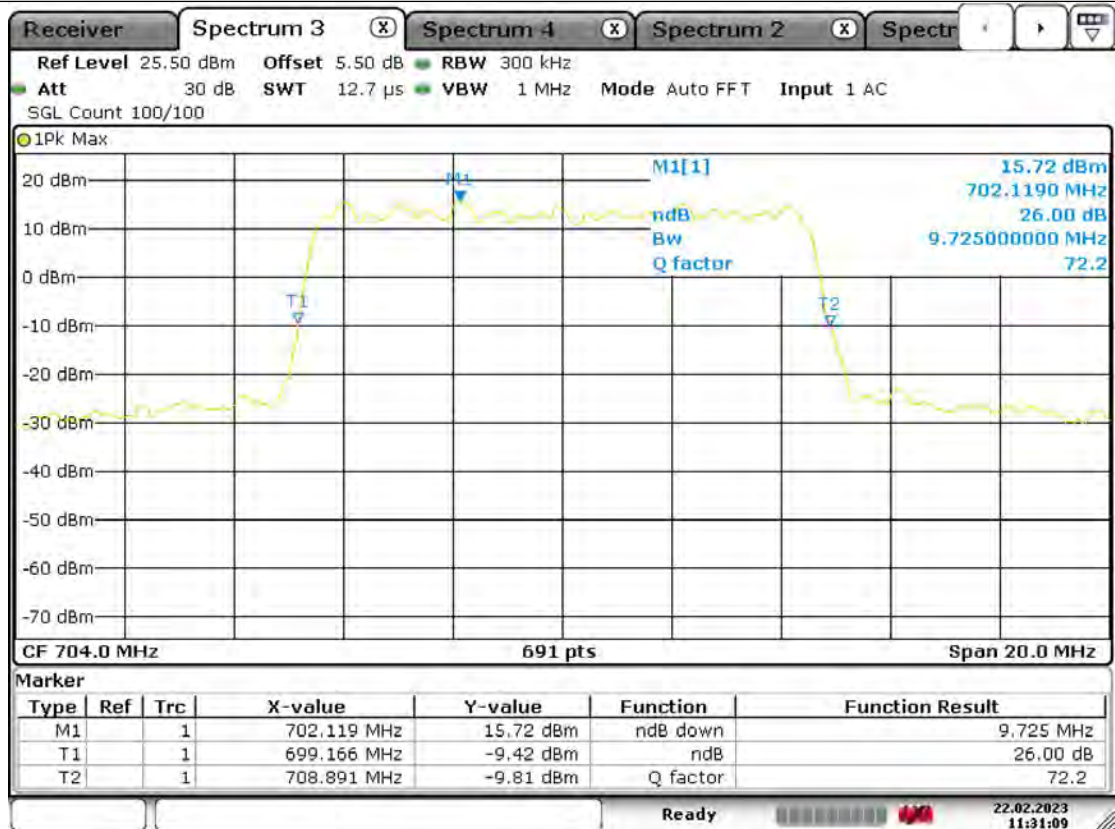
Date: 22.FEB.2023 11:27:56

Band12-10MHz-64QAM-23060-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



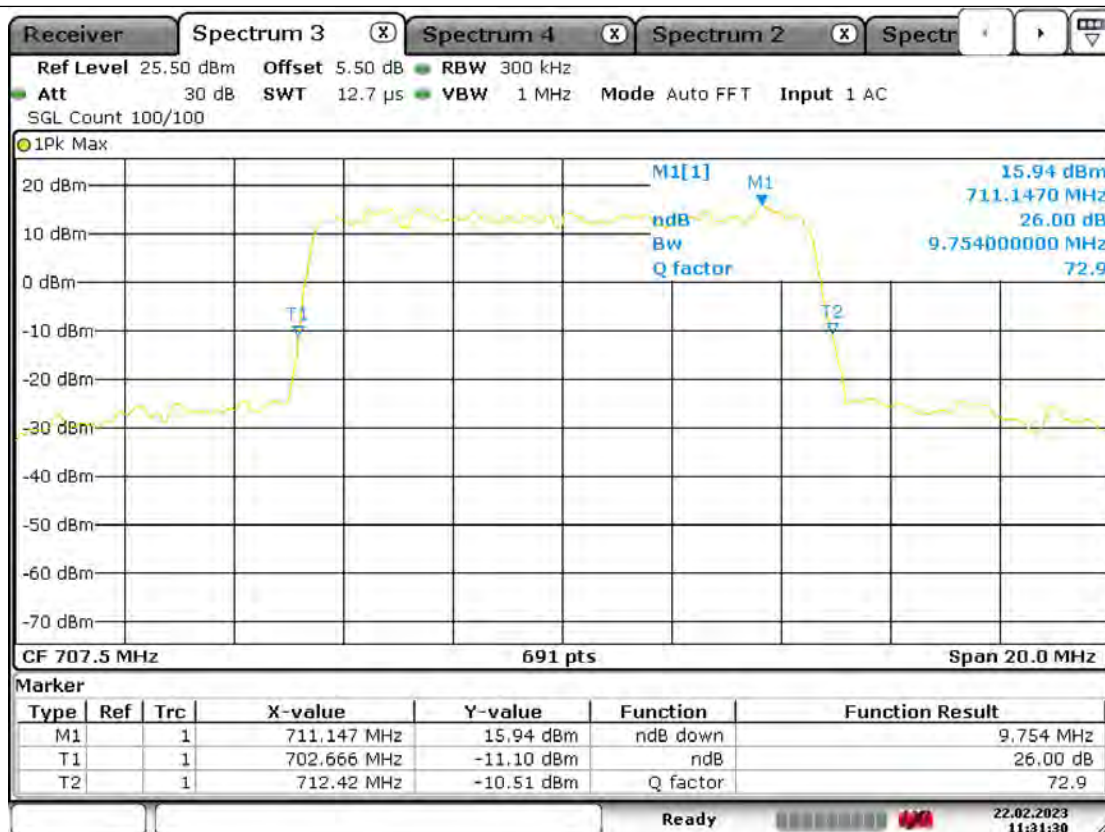
Date: 22.FEB.2023 11:31:09

Band12-10MHz-64QAM-23095-50RB#0



BUREAU  
VERITAS

Test Report No.: PSU-QSU2309010210RF03



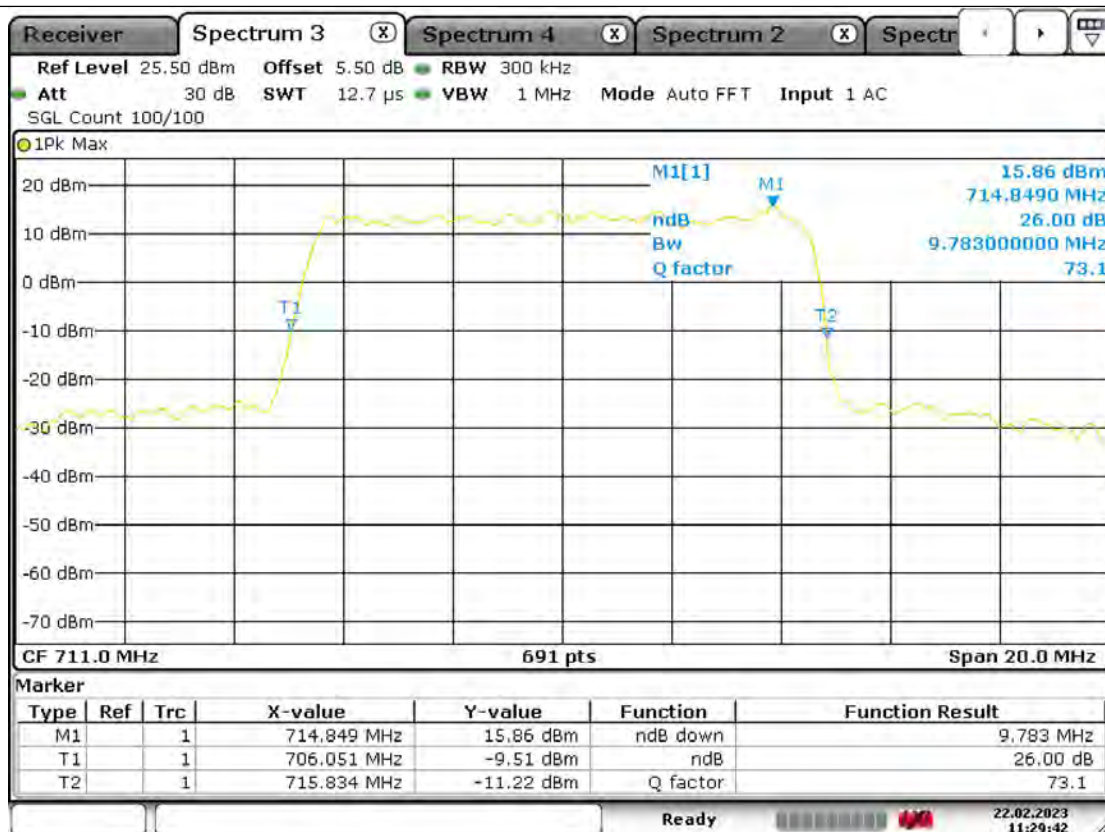
Date: 22.FEB.2023 11:31:30

Band12-10MHz-64QAM-23130-50RB#0



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Test Report No.: PSU-QSU2309010210RF03



Date: 22.FEB.2023 11:29:42



Test Report No.: PSU-QSU2309010210RF03

## BAND EDGE

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | -32.77      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | -32.08      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | -31.23      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | -32.45      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | -33.12      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | -31.69      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | -31.87      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | -33.19      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | -21.20      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | -28.80      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#14           | -21.09      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | -29.73      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | -23.32      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | -29.03      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#14           | -21.76      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | -29.98      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | -29.63      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | -34.84      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#24           | -29.76      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | -35.45      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | -31.26      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | -35.27      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#24           | -30.12      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | -36.06      | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | -34.77      | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | -39.91      | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#49           | -35.66      | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | -39.99      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 1RB#0            | -35.97      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | -39.96      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 1RB#49           | -36.71      | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | -39.63      | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23017   | 1RB#0            | -33.82      | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23017   | 6RB#0            | -28.57      | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23173   | 1RB#5            | -34.61      | PASS    |
| Band12 | 1.4MHz    | 64QAM      | 23173   | 6RB#0            | -28.22      | PASS    |
| Band12 | 3MHz      | 64QAM      | 23025   | 1RB#0            | -21.15      | PASS    |
| Band12 | 3MHz      | 64QAM      | 23025   | 15RB#0           | -29.44      | PASS    |
| Band12 | 3MHz      | 64QAM      | 23165   | 1RB#14           | -18.42      | PASS    |
| Band12 | 3MHz      | 64QAM      | 23165   | 15RB#0           | -27.97      | PASS    |
| Band12 | 5MHz      | 64QAM      | 23035   | 1RB#0            | -26.86      | PASS    |
| Band12 | 5MHz      | 64QAM      | 23035   | 25RB#0           | -36         | PASS    |
| Band12 | 5MHz      | 64QAM      | 23155   | 1RB#24           | -27.73      | PASS    |
| Band12 | 5MHz      | 64QAM      | 23155   | 25RB#0           | -36.62      | PASS    |
| Band12 | 10MHz     | 64QAM      | 23060   | 1RB#0            | -33.07      | PASS    |

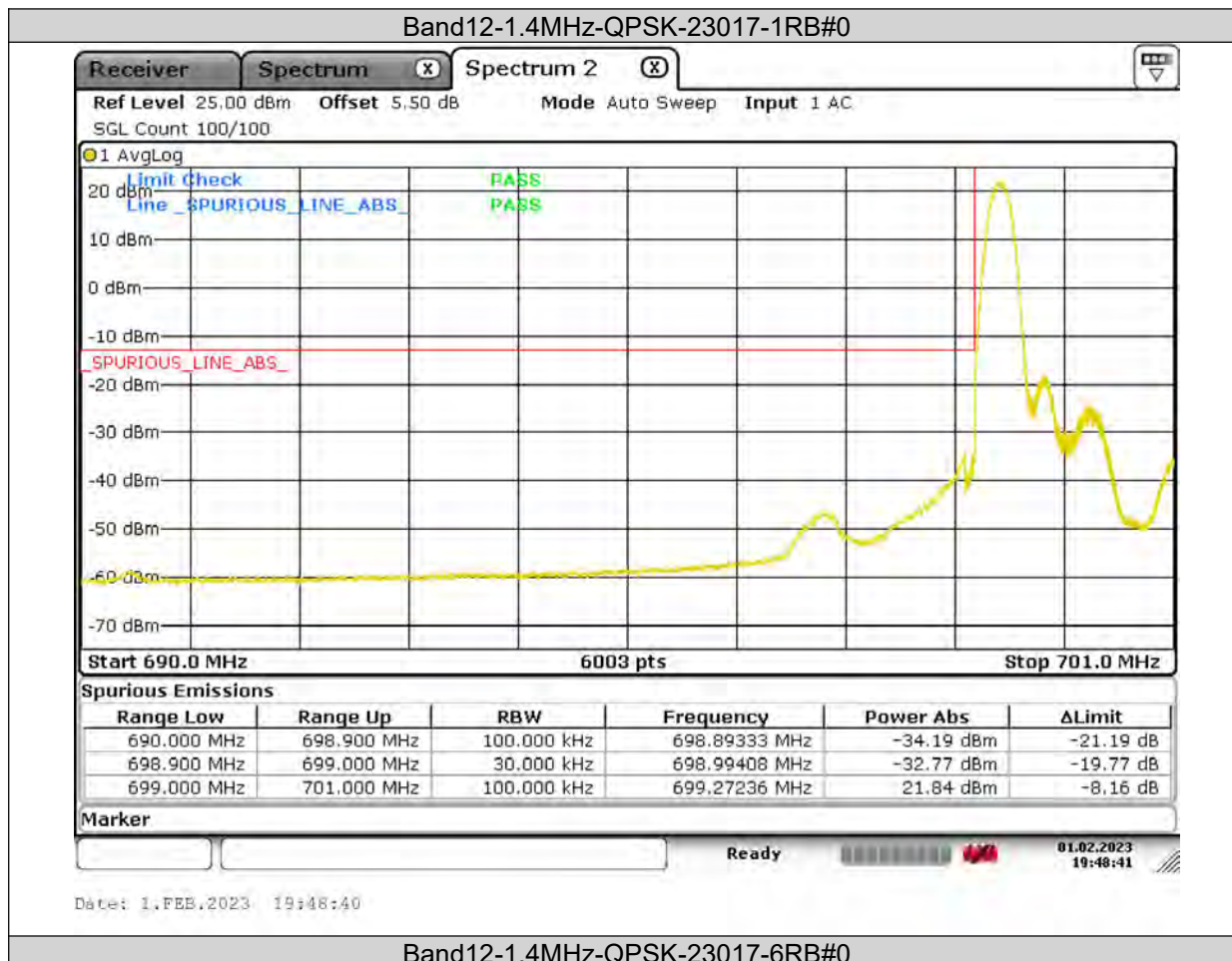


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**Test Report No.: PSU-QSU2309010210RF03**

|        |       |       |       |        |        |      |
|--------|-------|-------|-------|--------|--------|------|
| Band12 | 10MHz | 64QAM | 23060 | 50RB#0 | -39.42 | PASS |
| Band12 | 10MHz | 64QAM | 23130 | 1RB#49 | -32.84 | PASS |
| Band12 | 10MHz | 64QAM | 23130 | 50RB#0 | -39    | PASS |

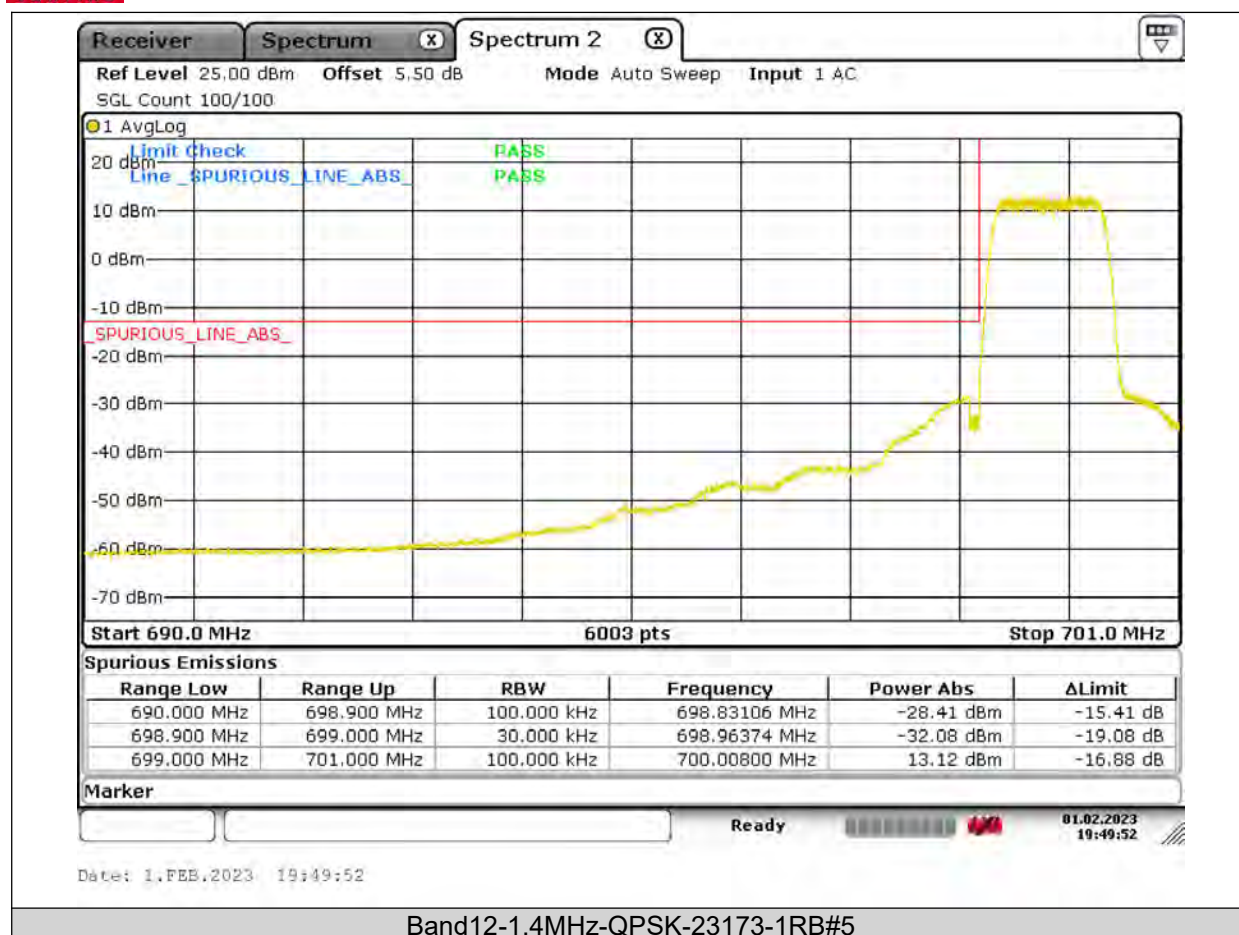
## Test Graphs





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Test Report No.: PSU-QSU2309010210RF03





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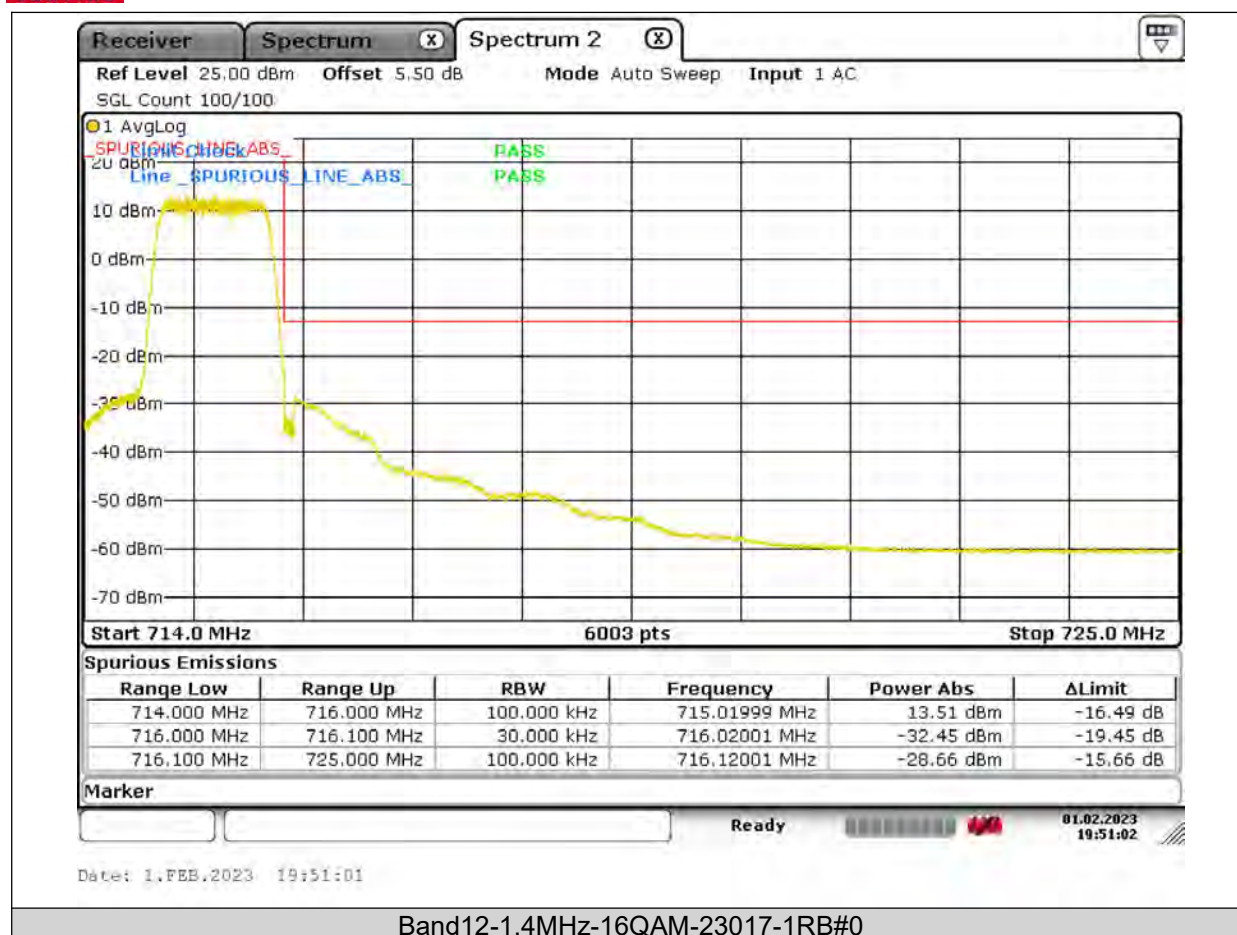
Test Report No.: PSU-QSU2309010210RF03





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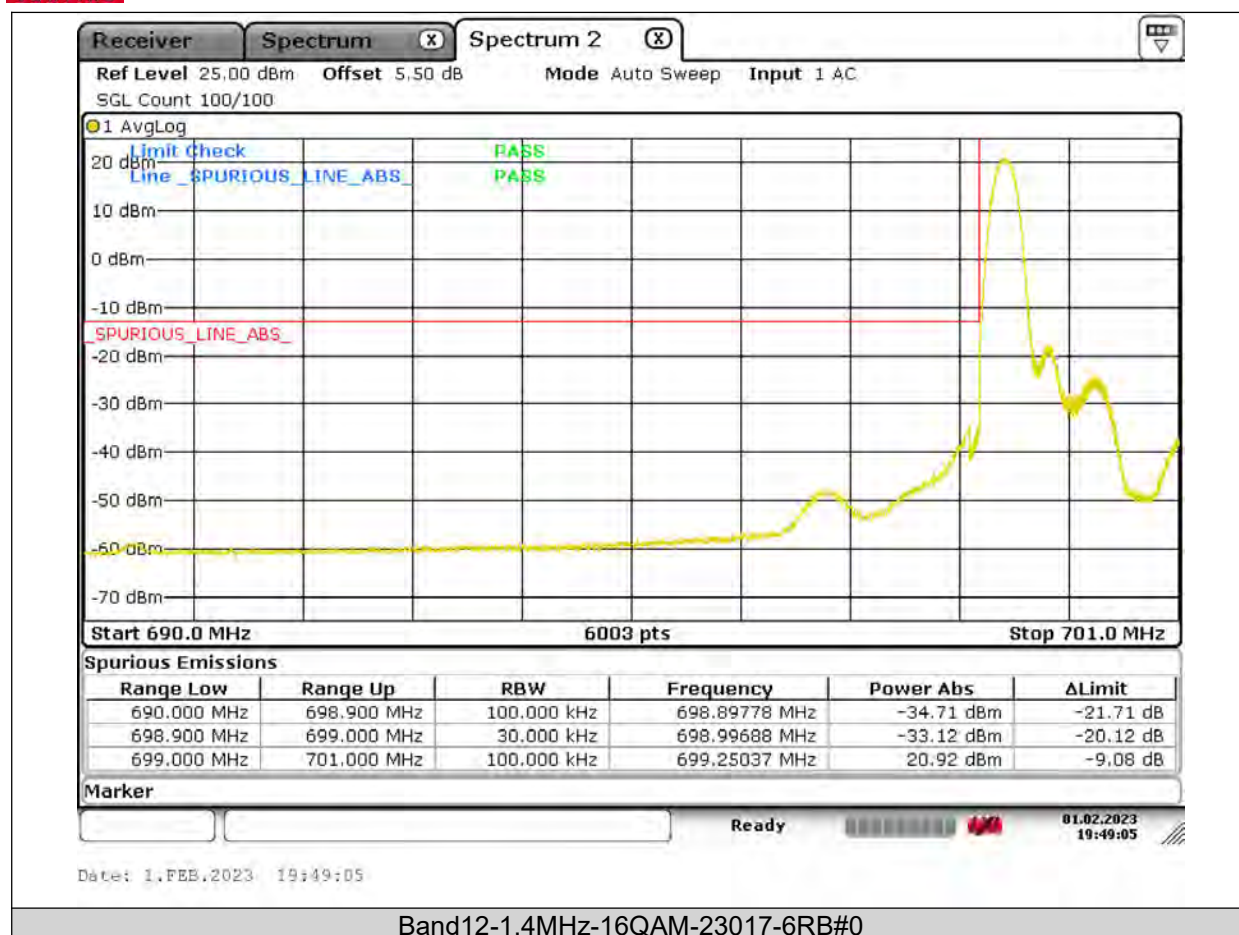
Test Report No.: PSU-QSU2309010210RF03





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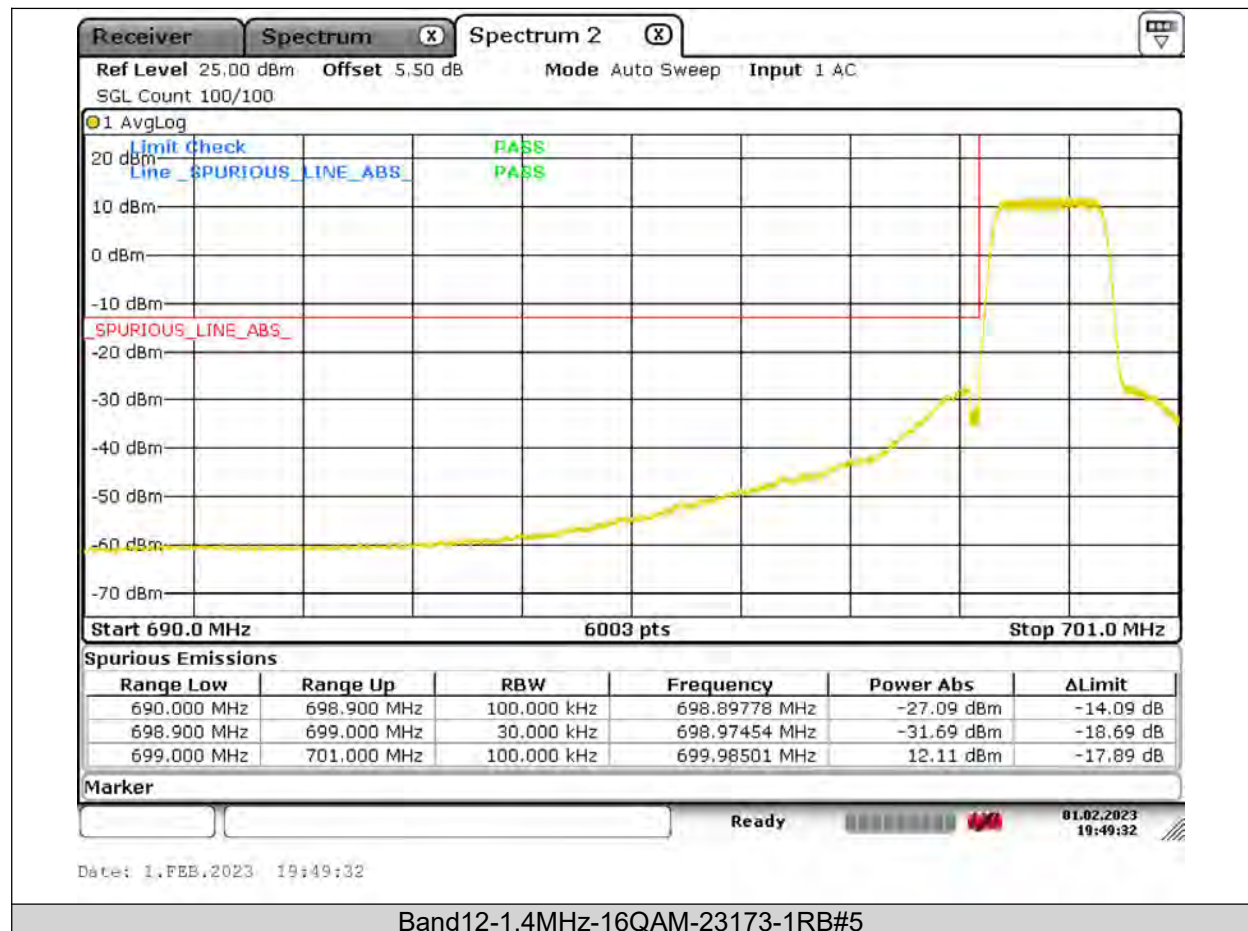
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Test Report No.: PSU-QSU2309010210RF03





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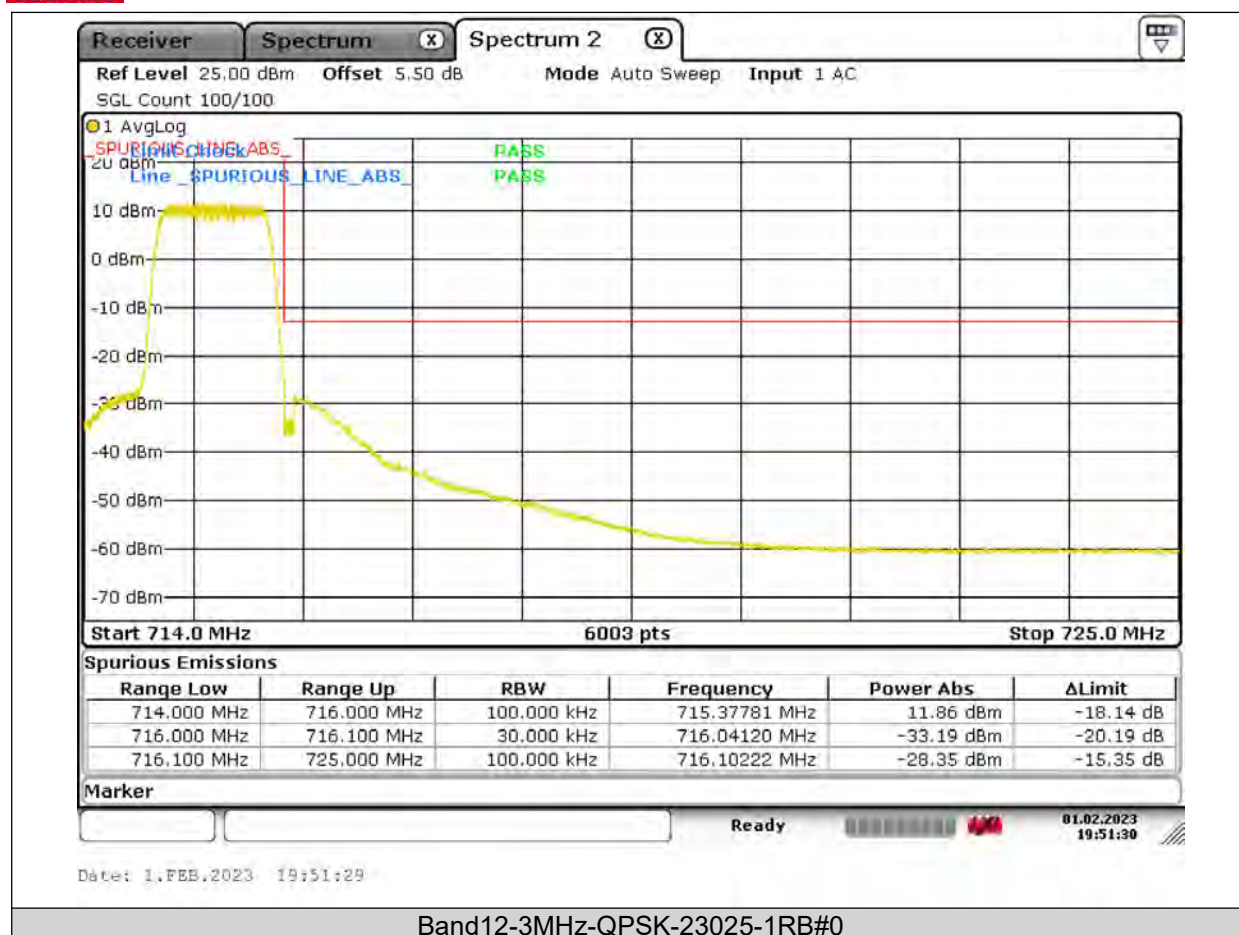
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VERITAS

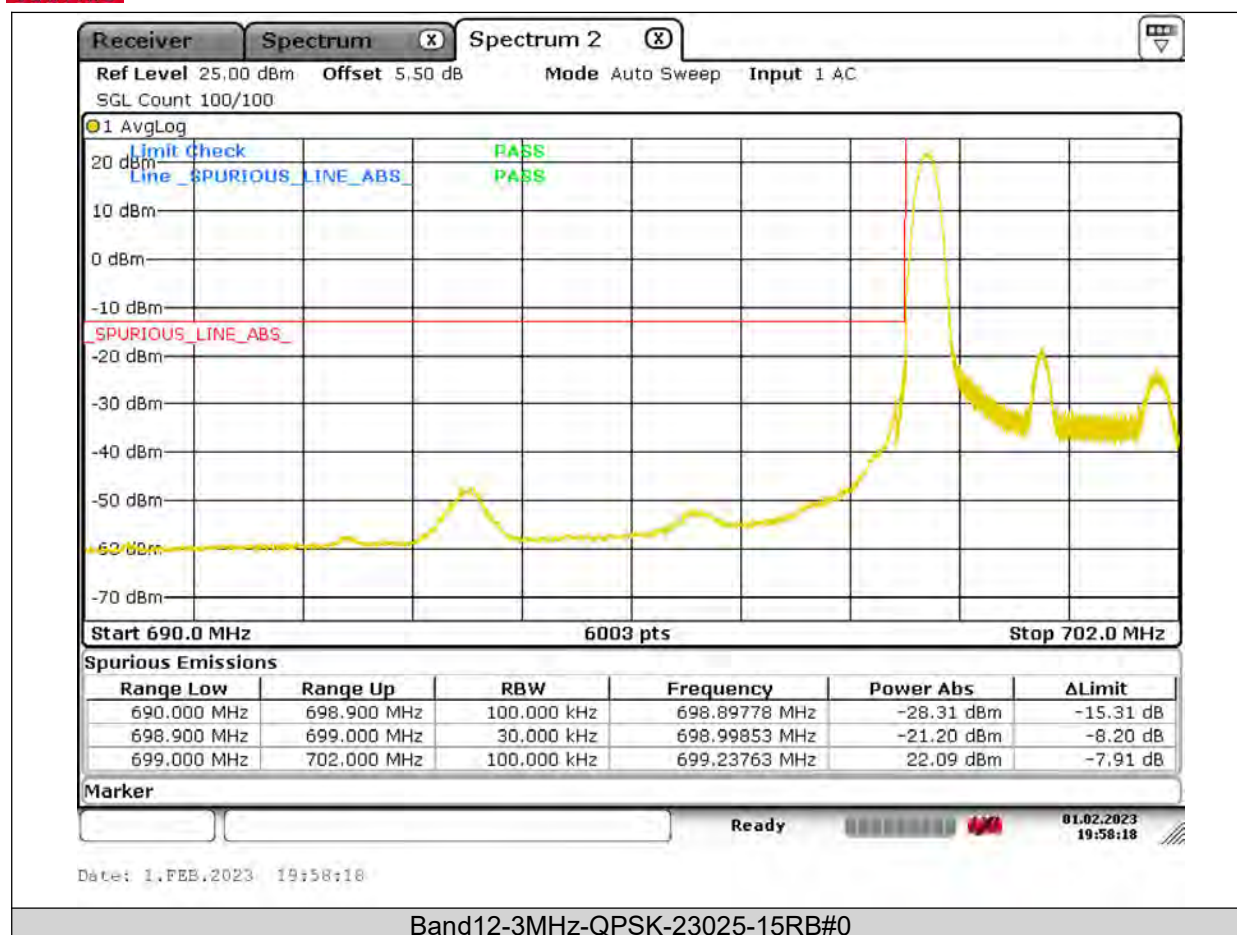
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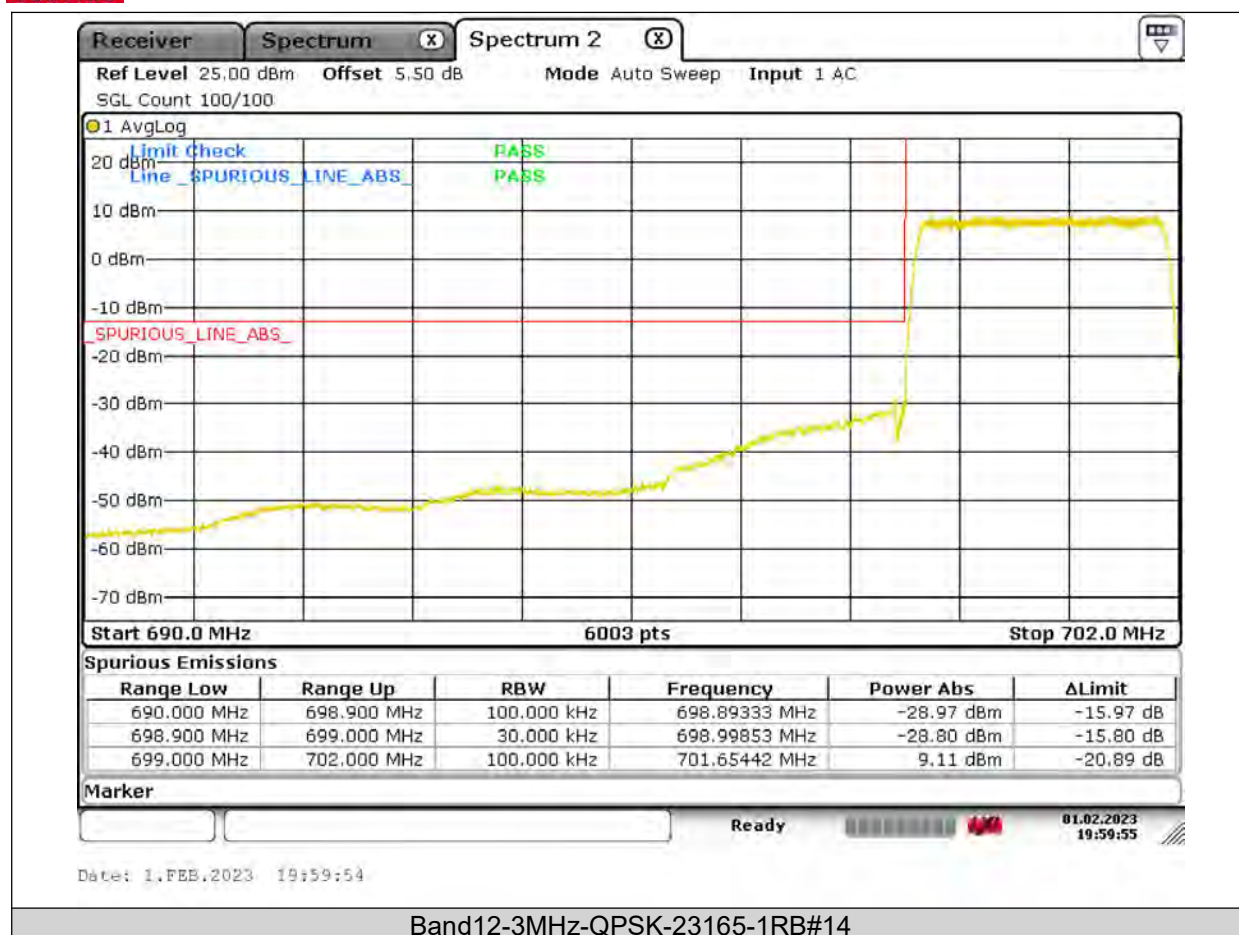
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BUREAU  
VERITAS

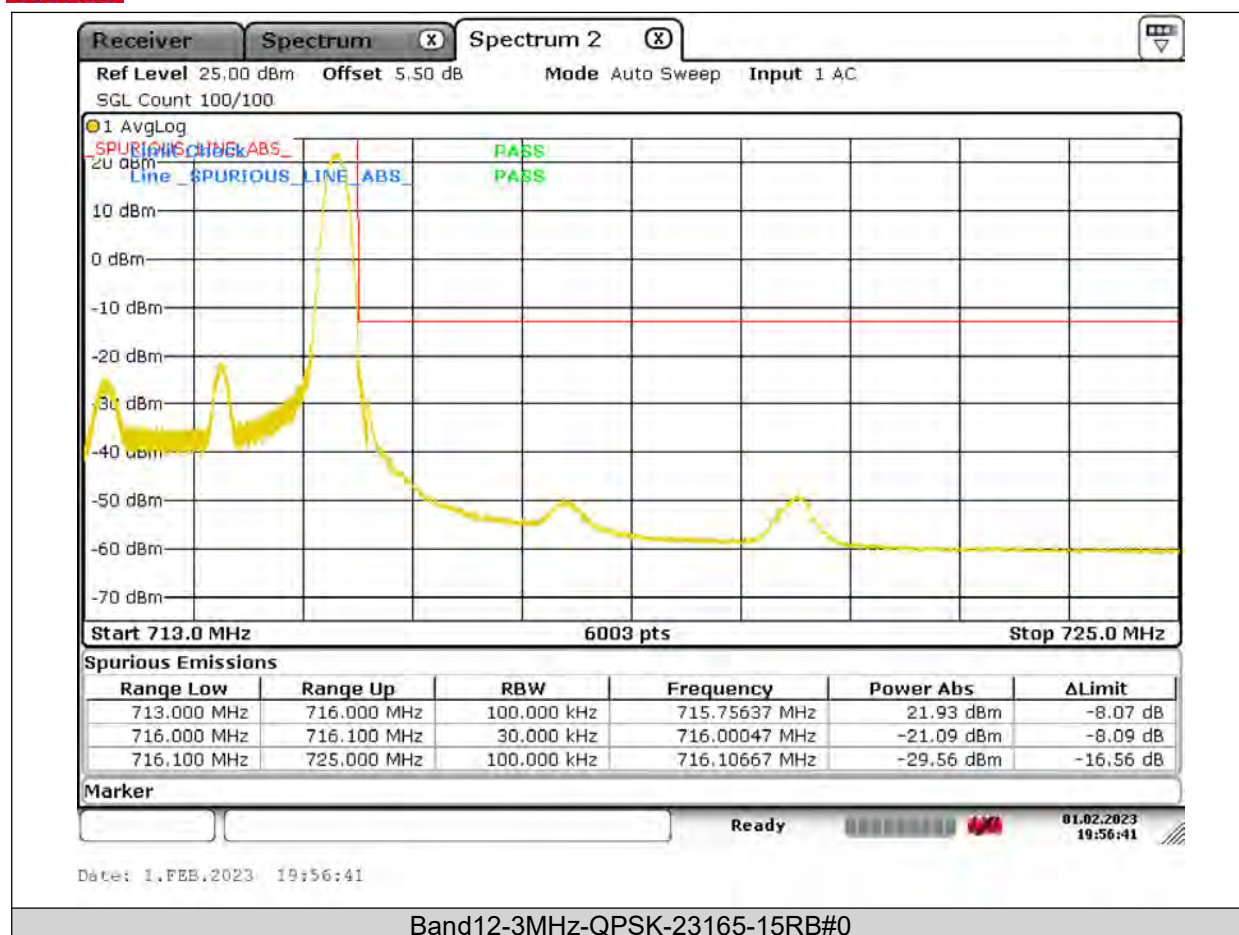
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VERITAS

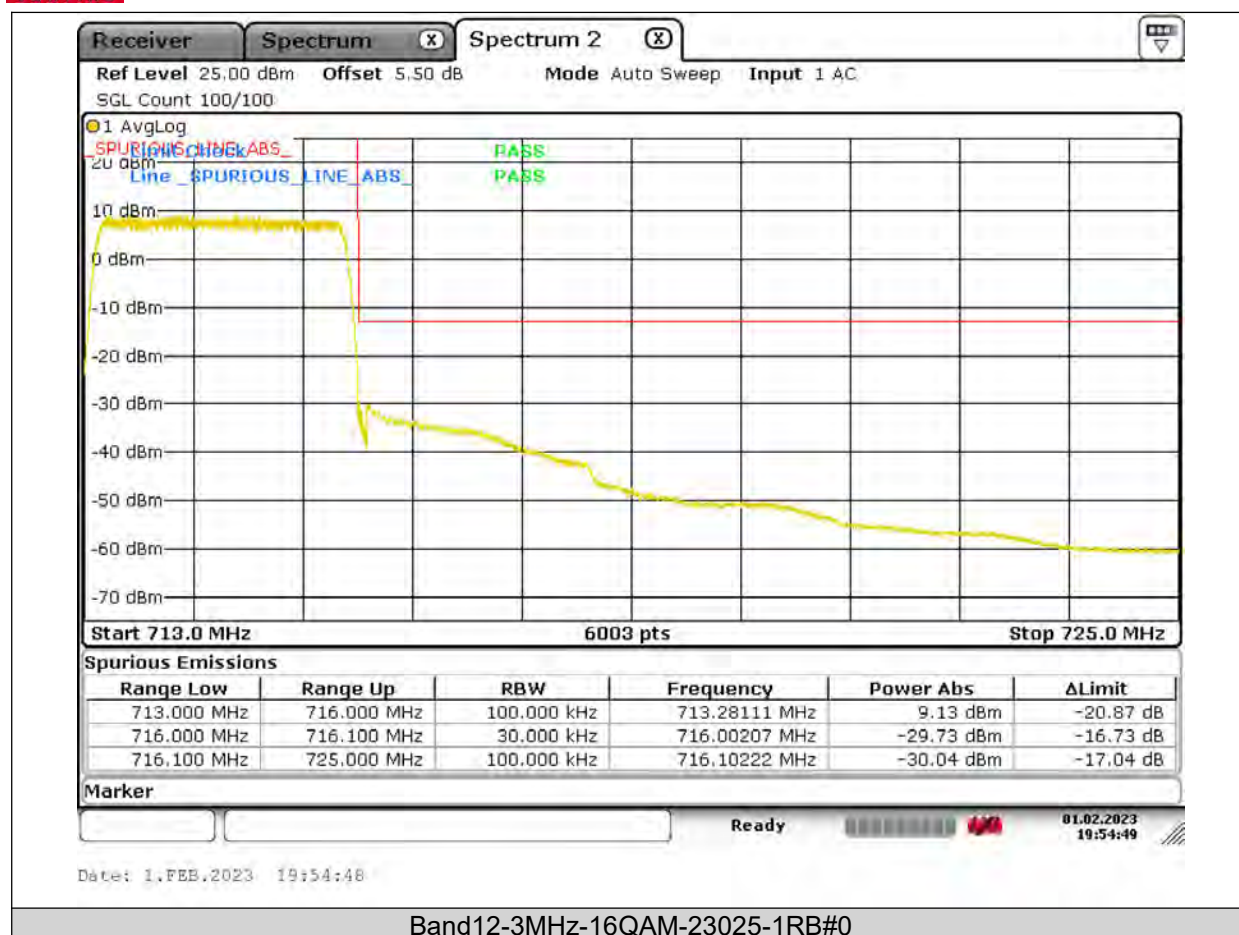
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BUREAU  
VERITAS

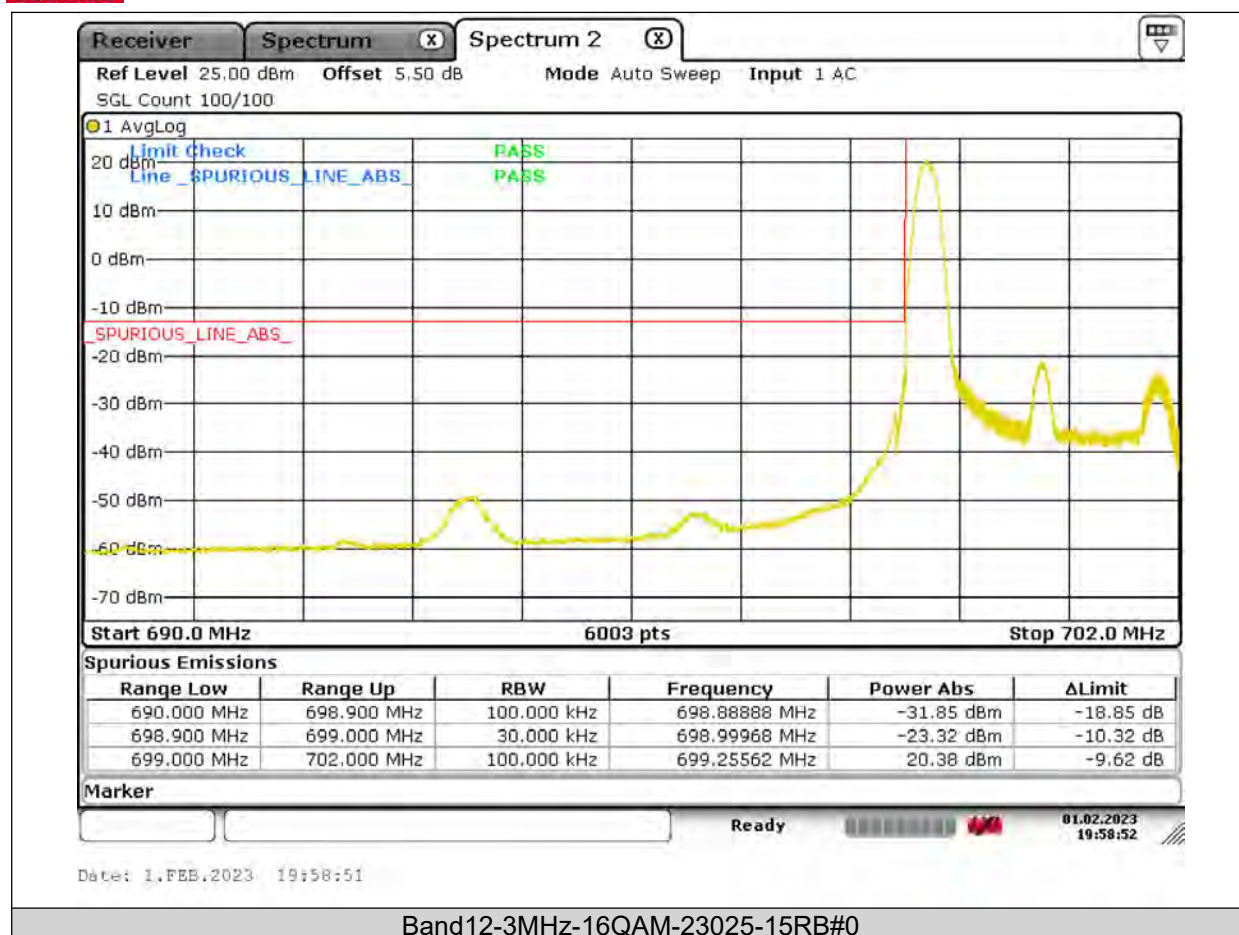
Test Report No.: PSU-QSU2309010210RF03





BUREAU  
VERITAS

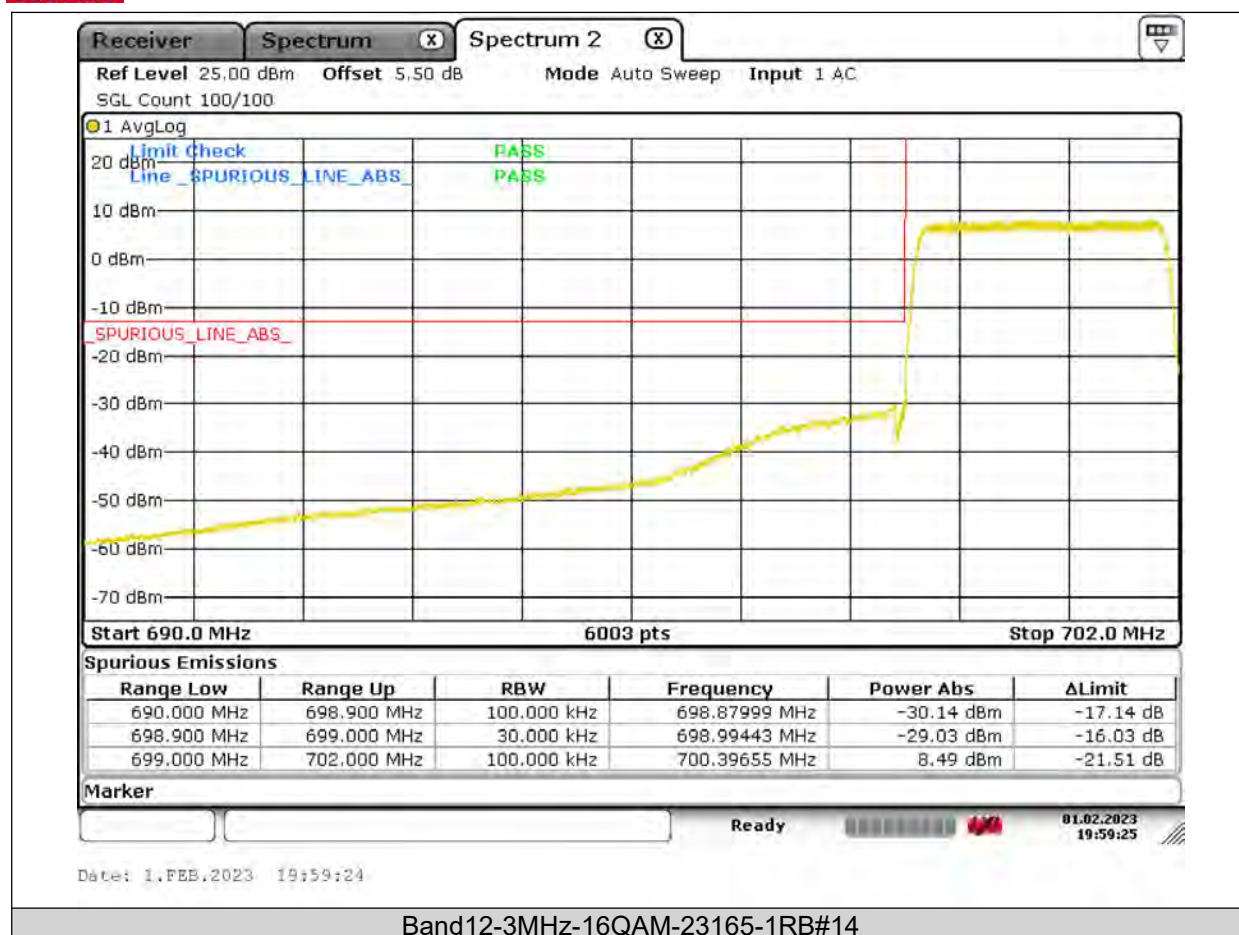
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VERITAS

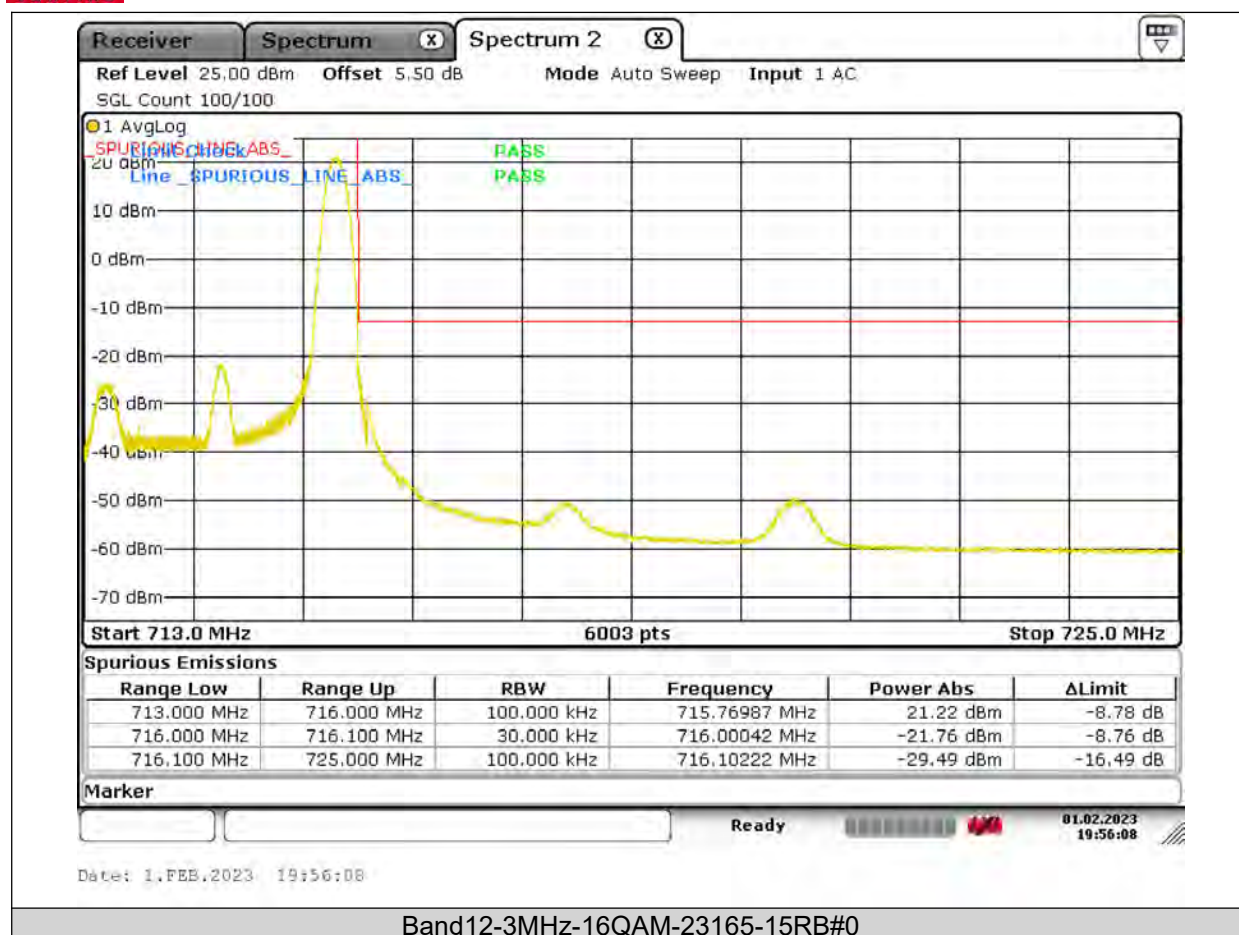
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VERITAS

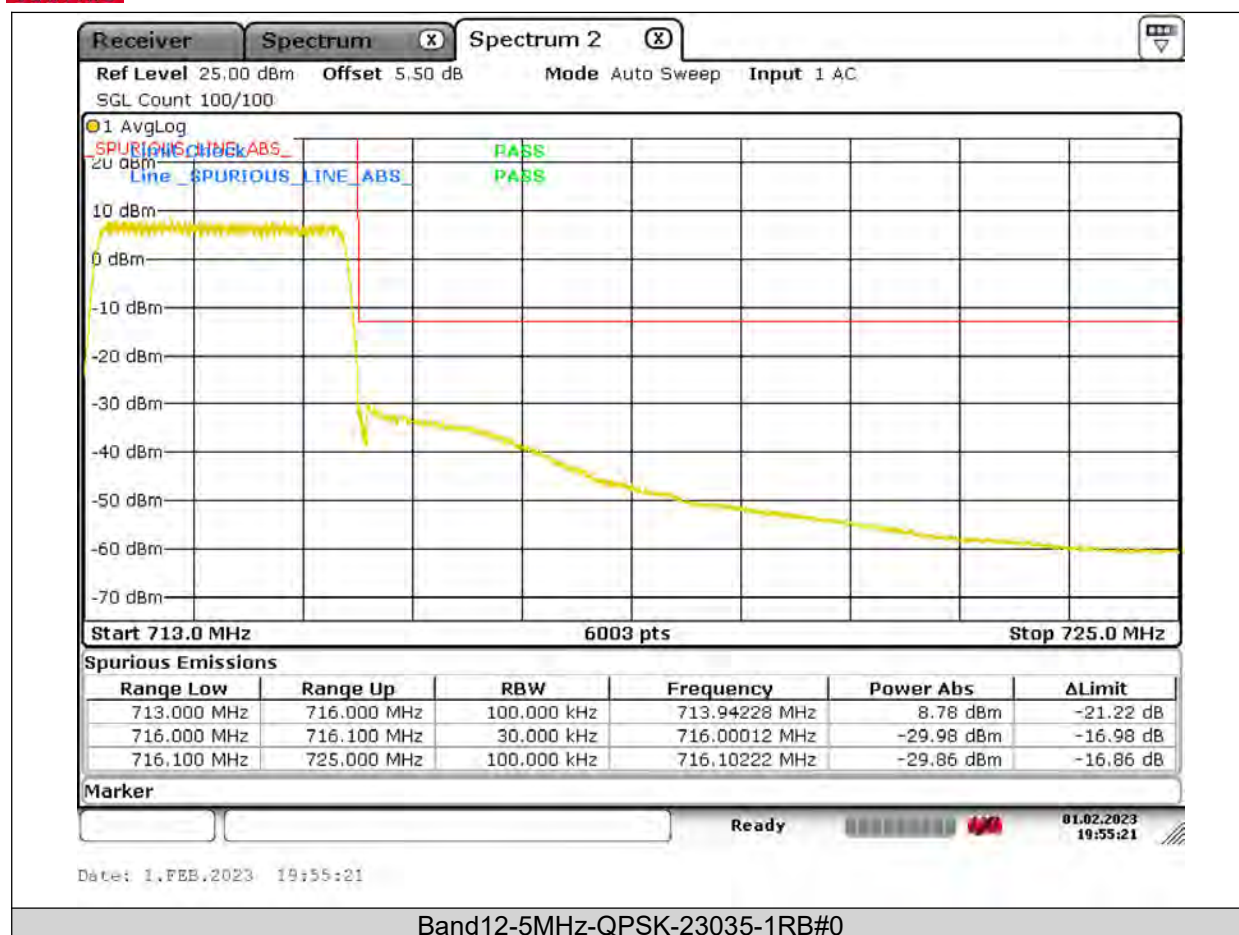
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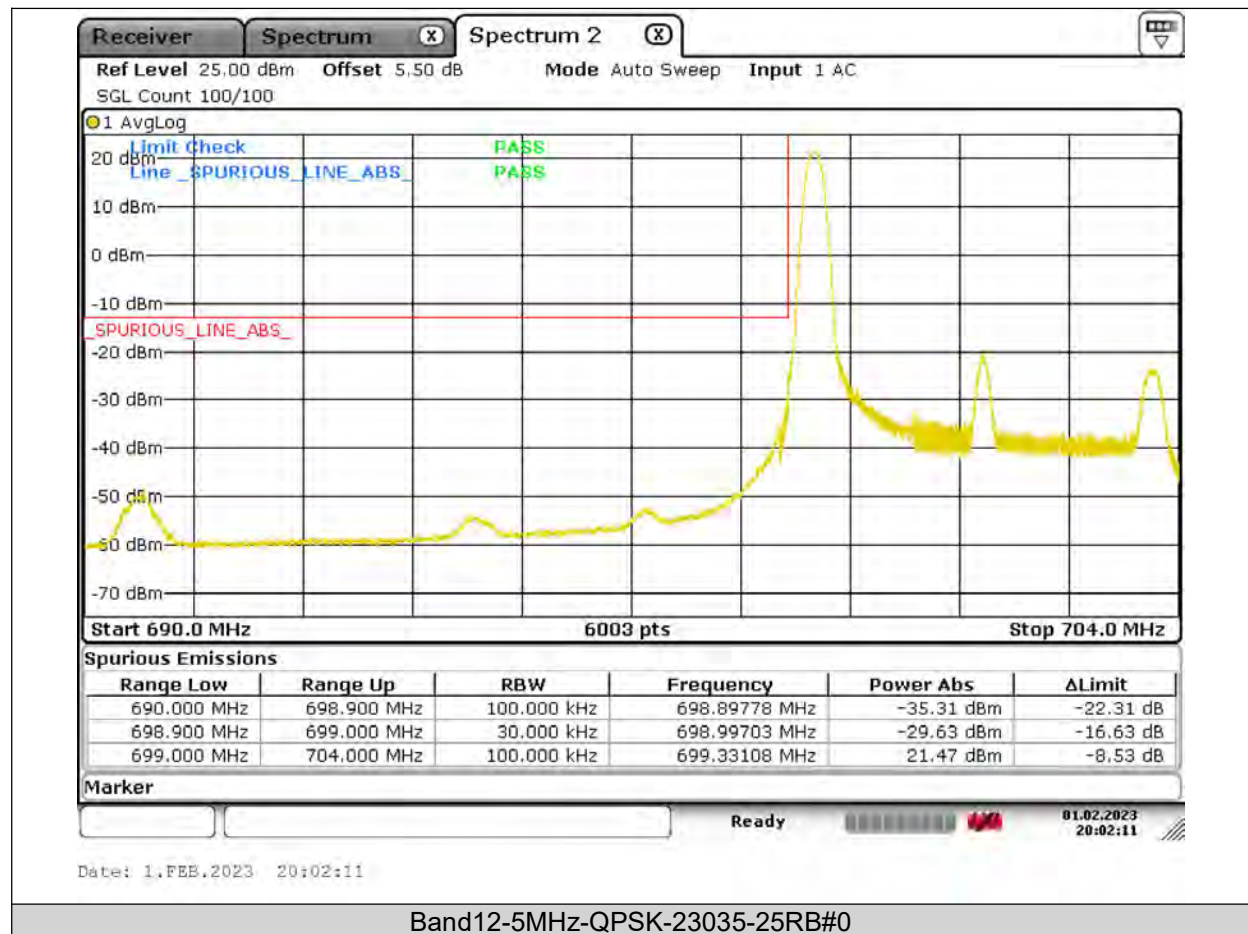
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VERITAS

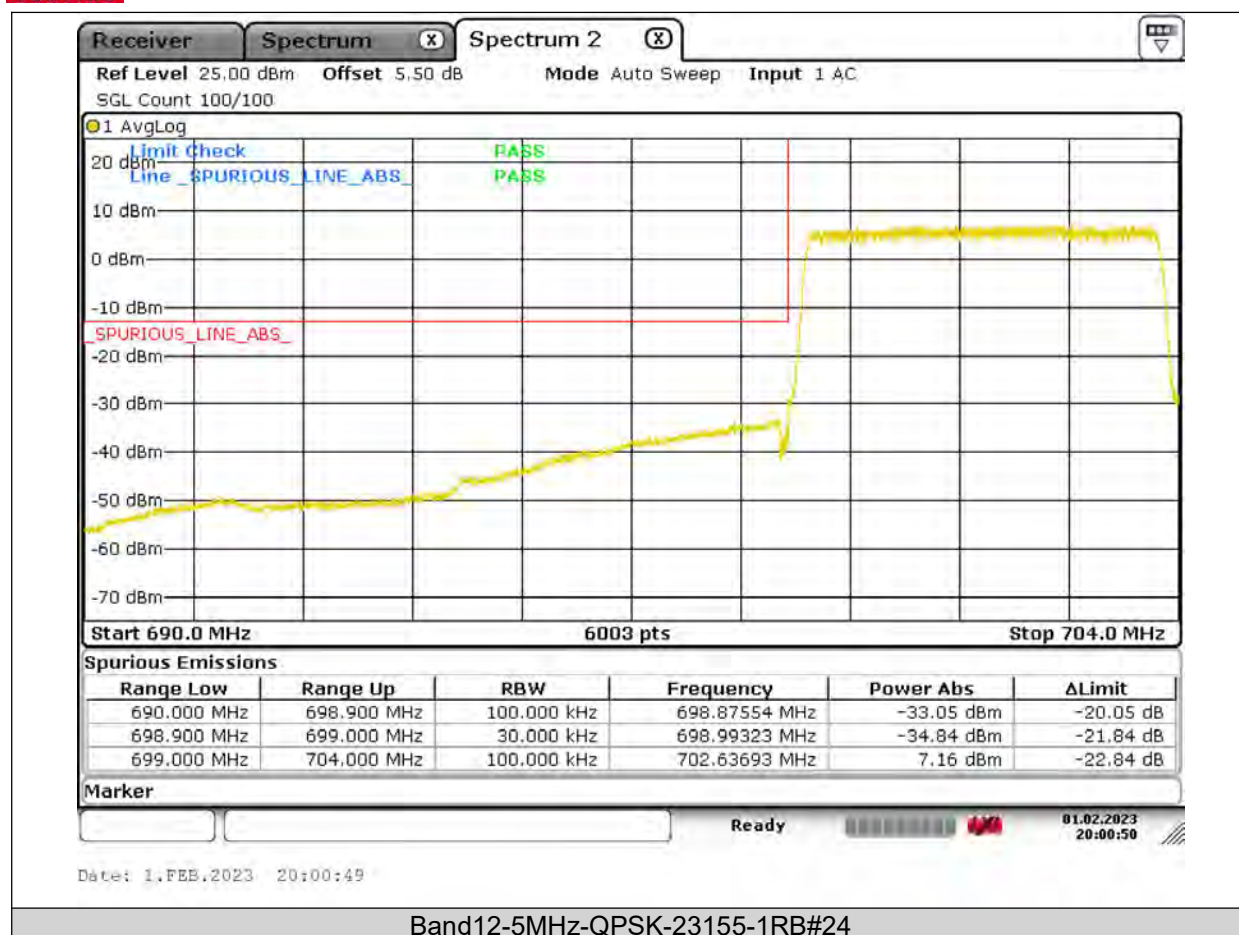
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VERITAS

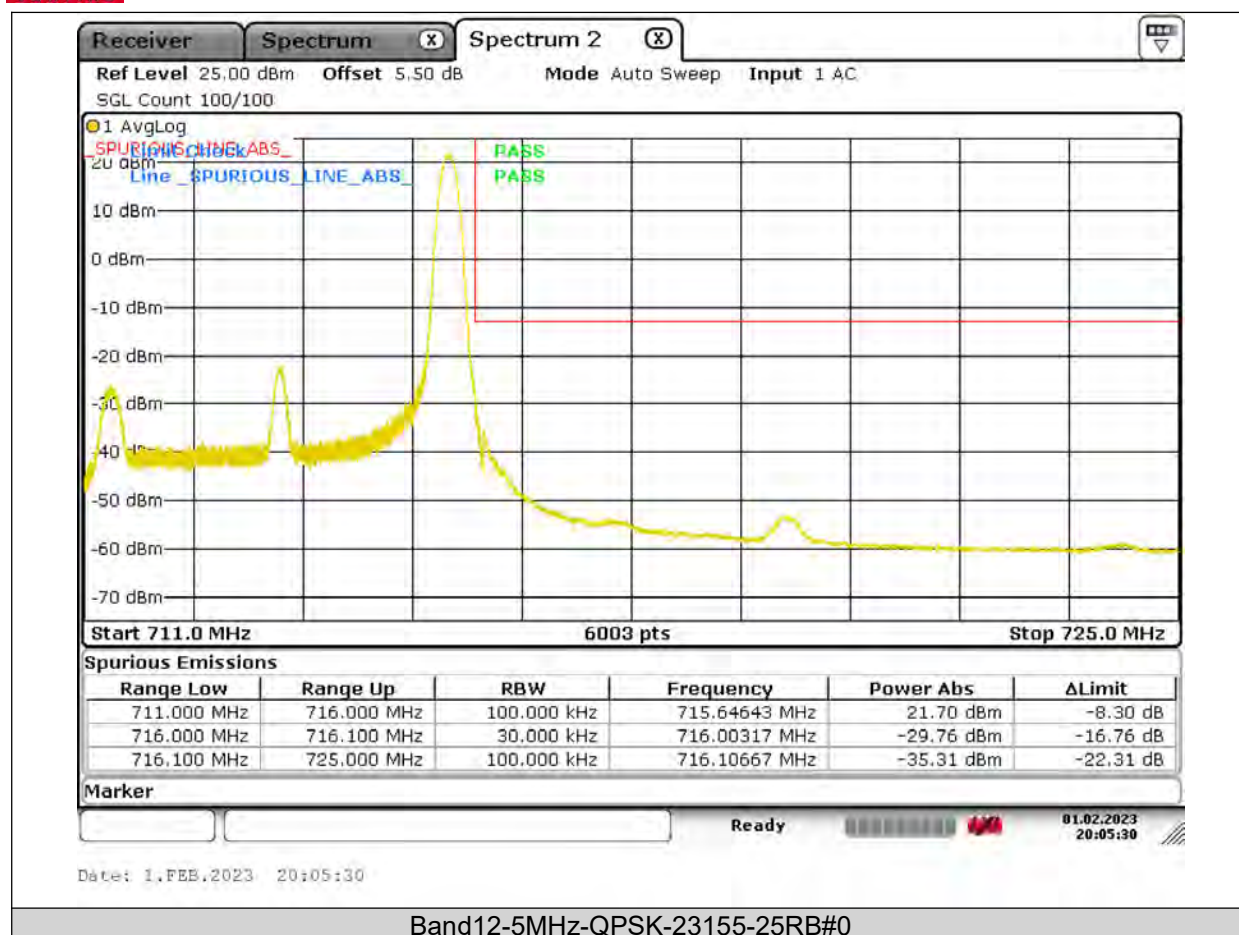
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VERITAS

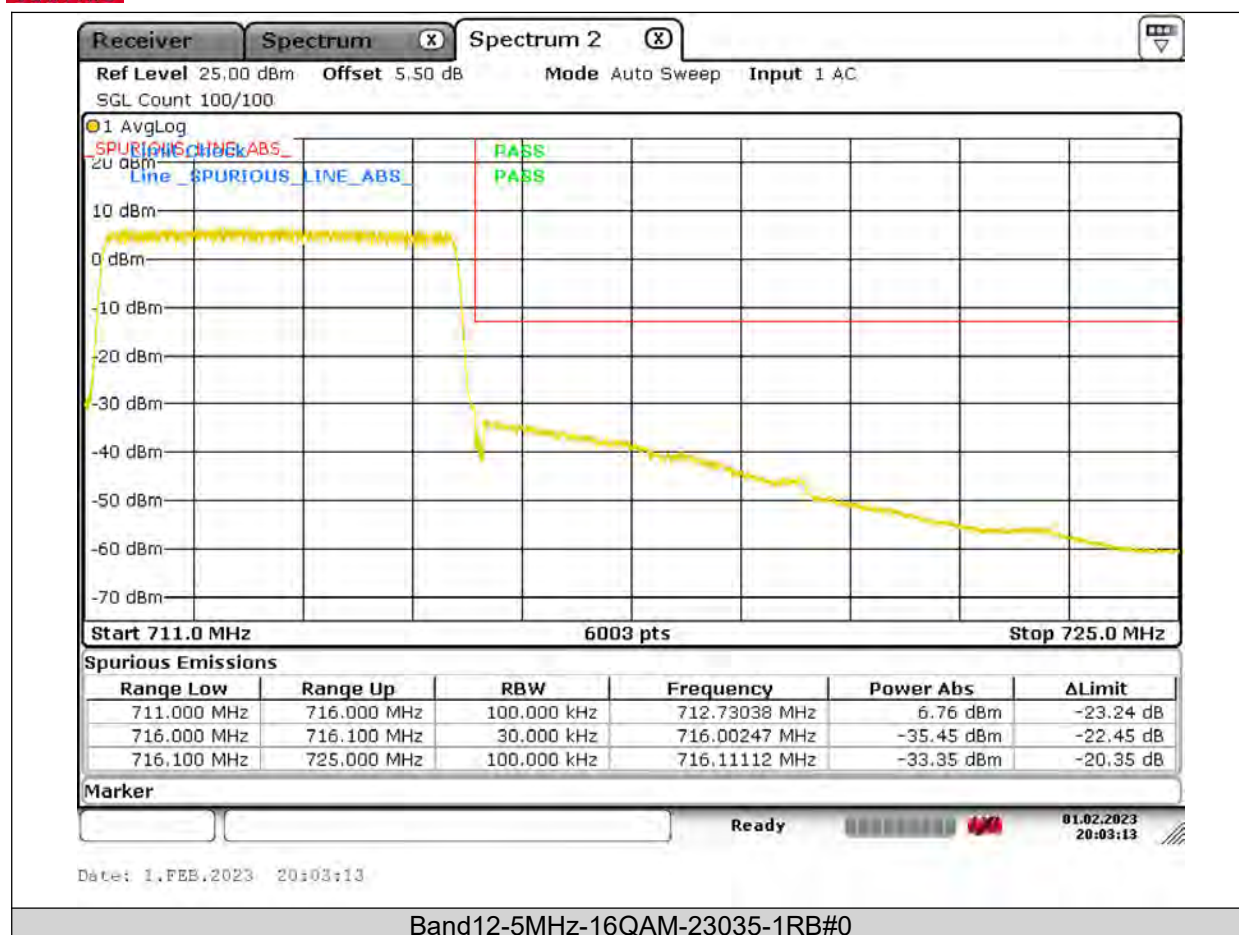
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VERITAS

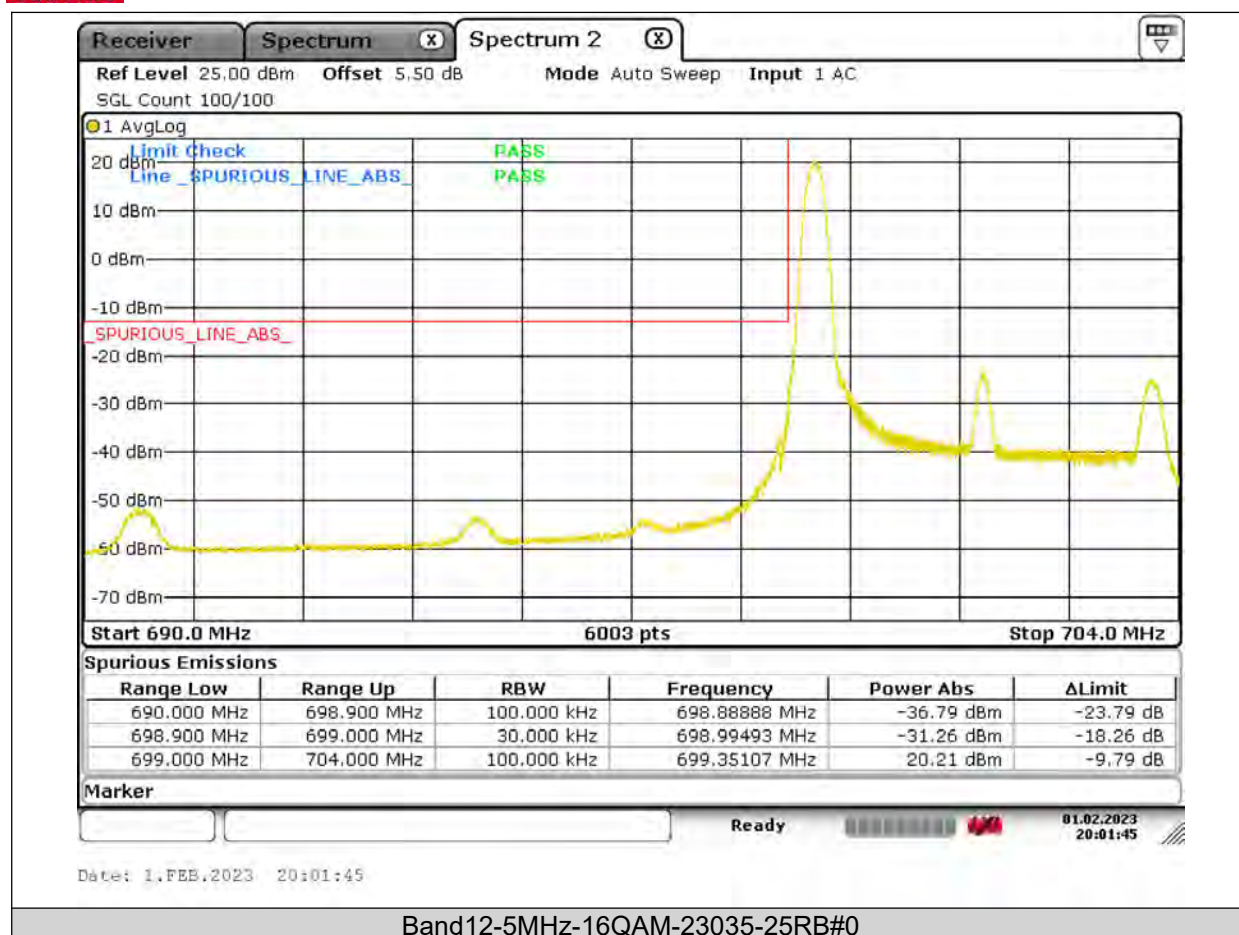
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Test Report No.: PSU-QSU2309010210RF03





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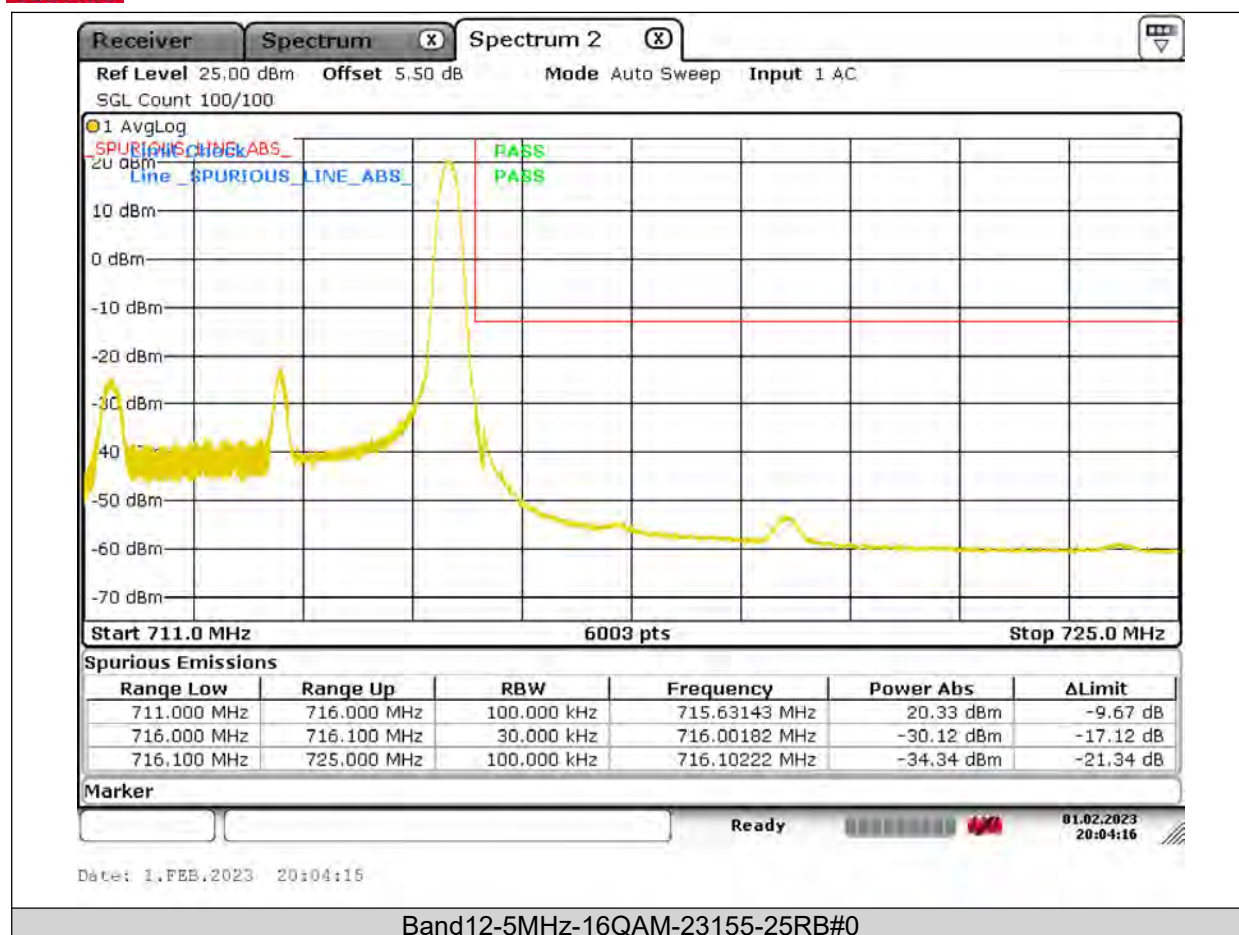
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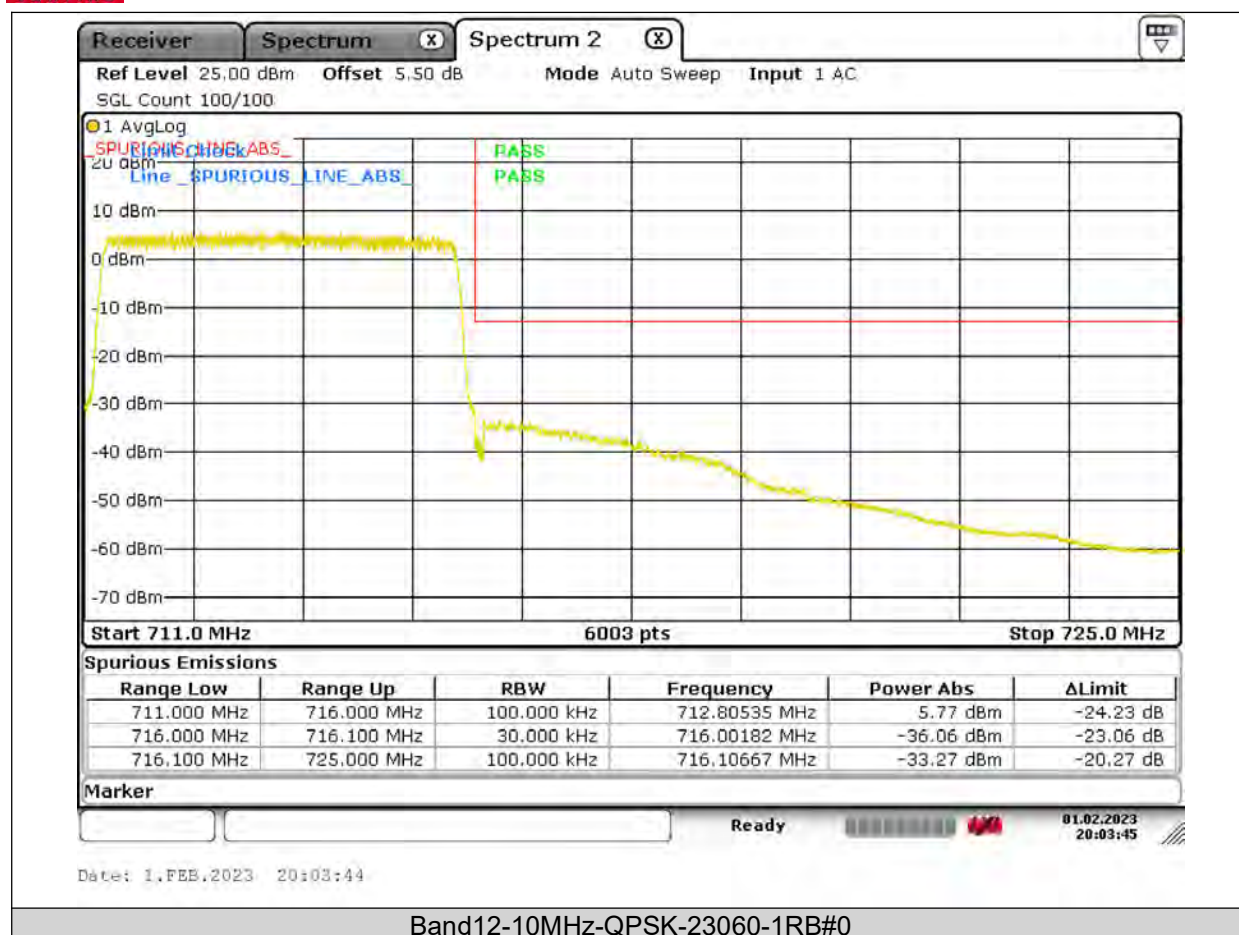
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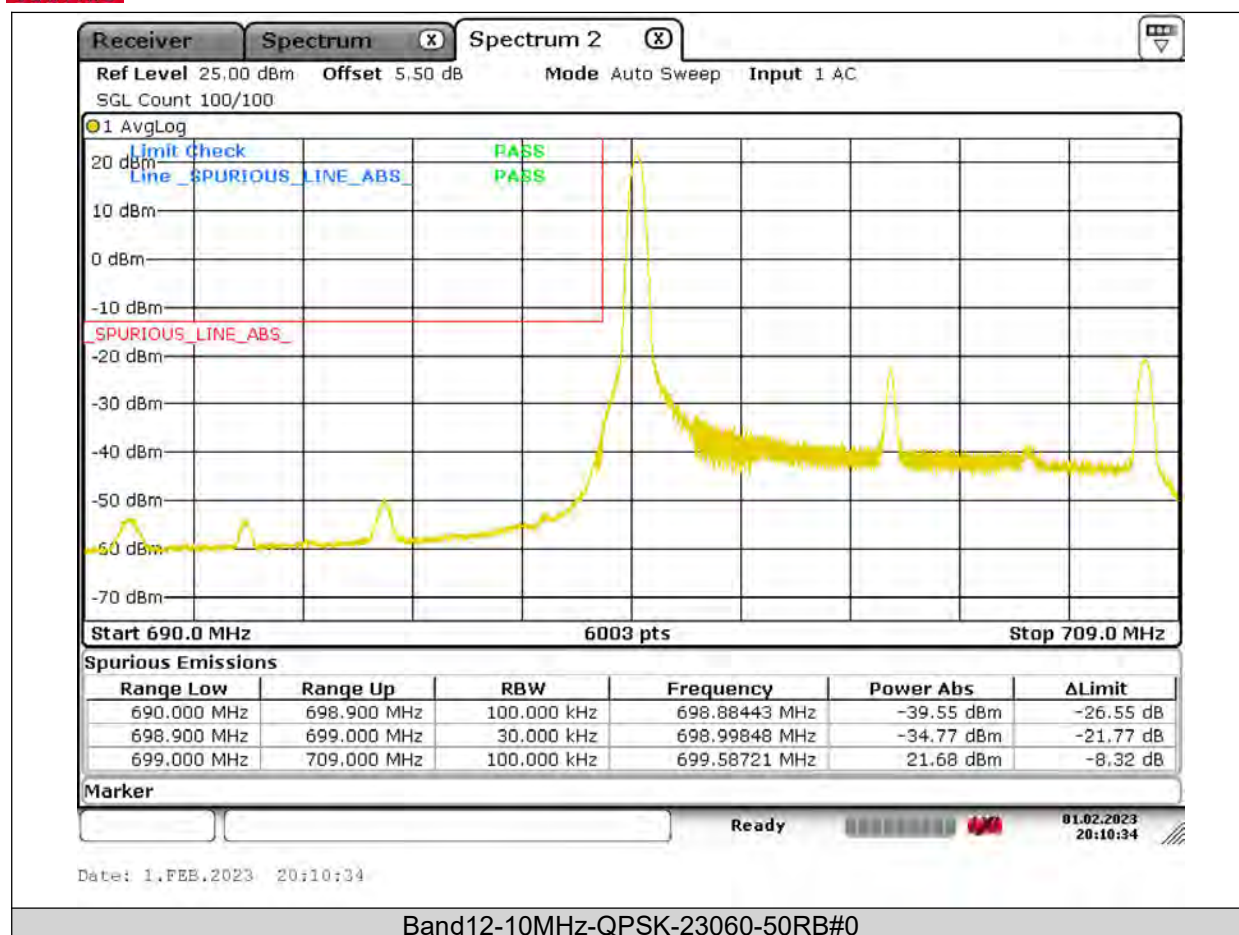
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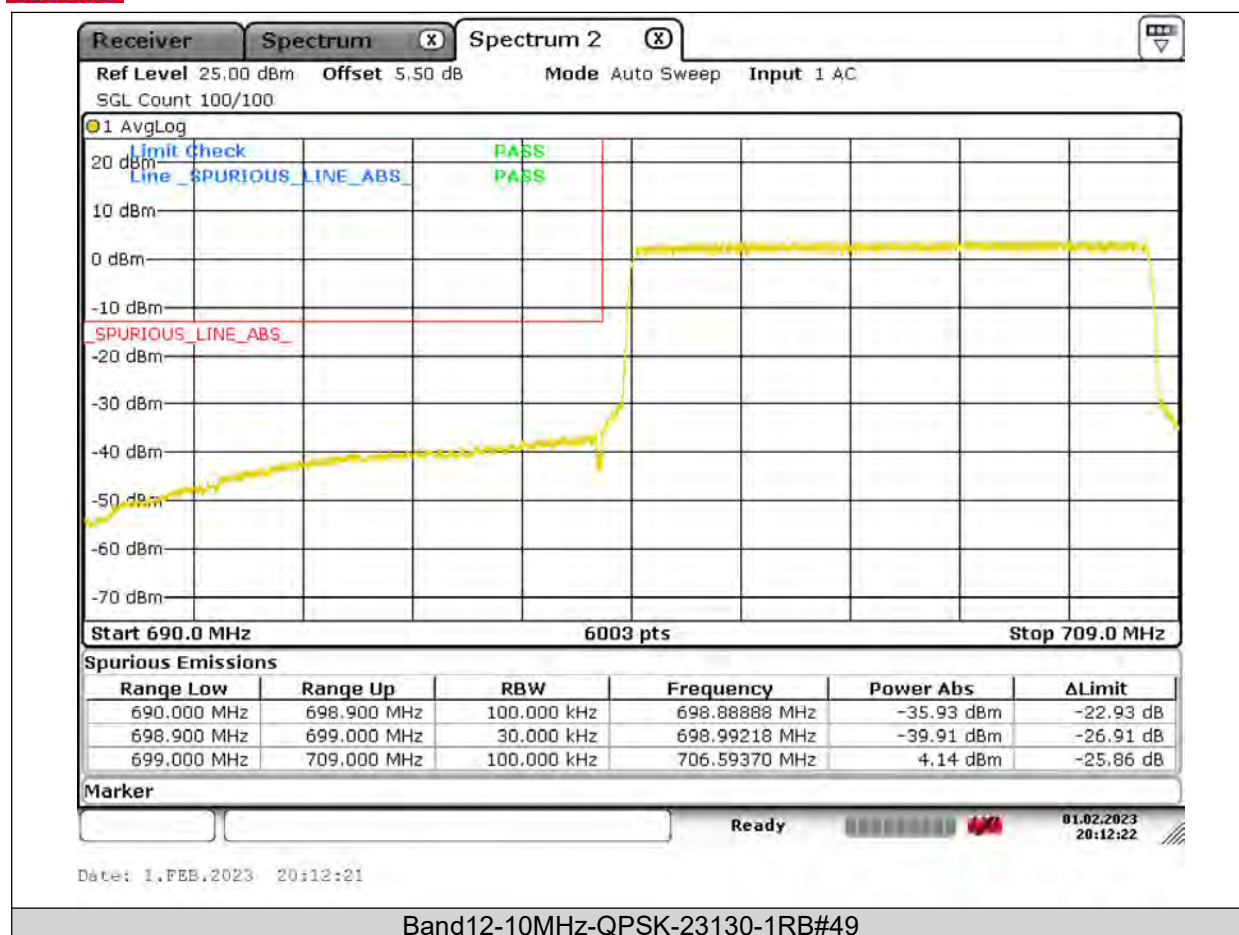
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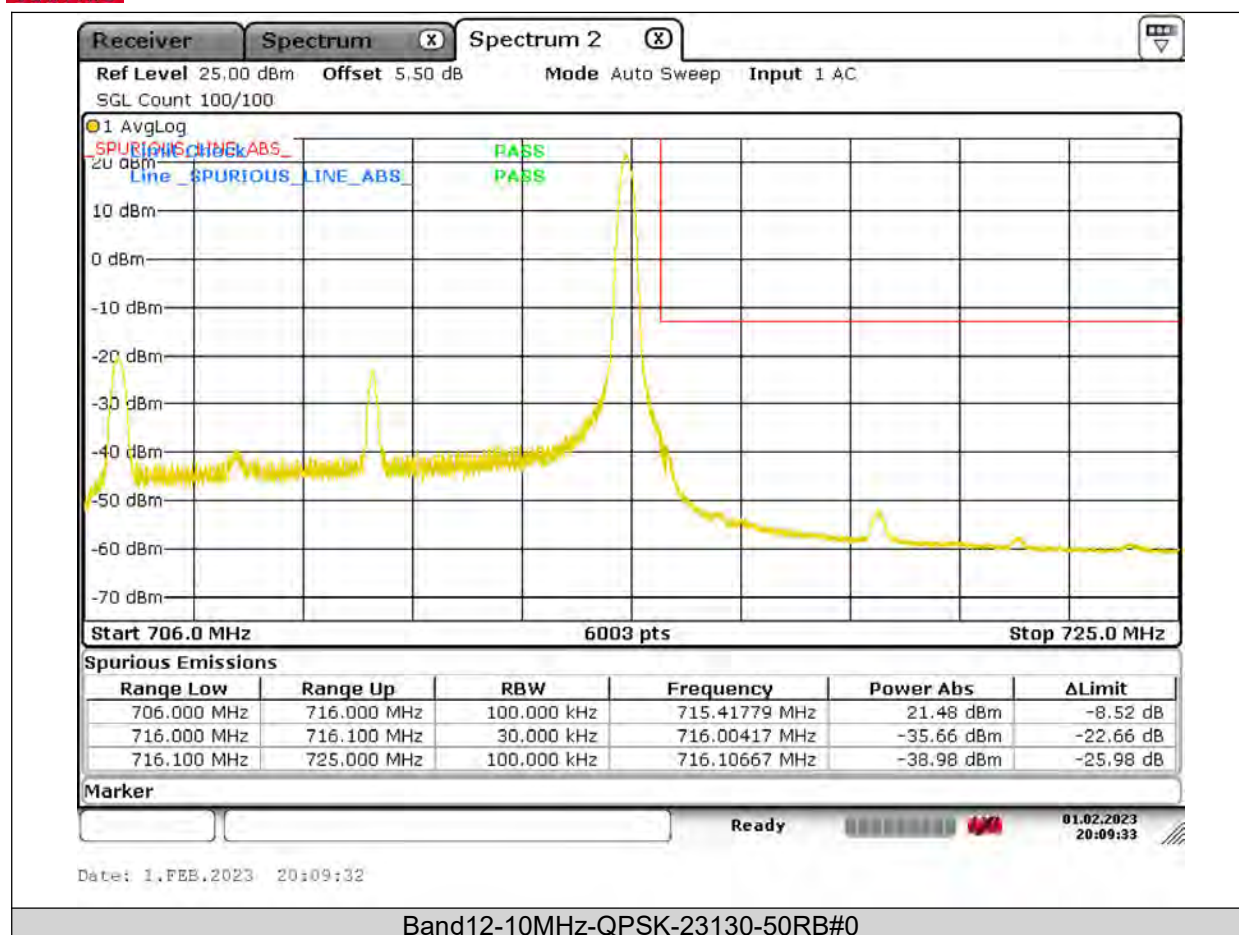
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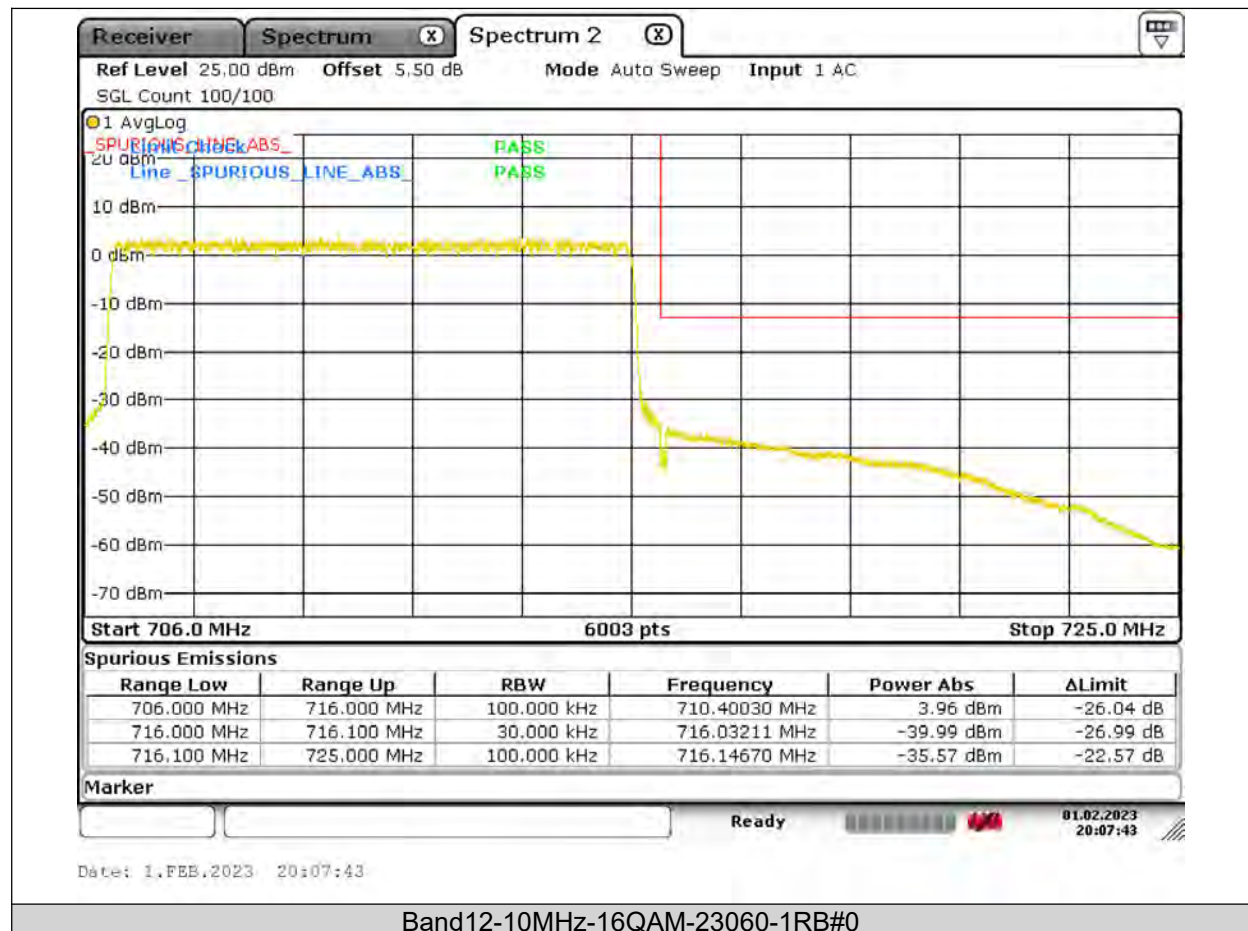
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