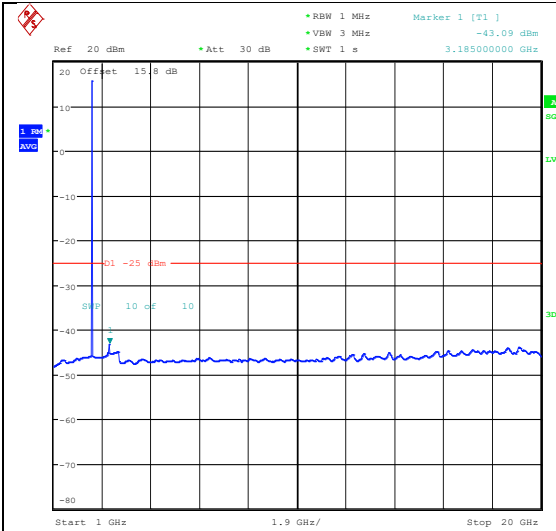
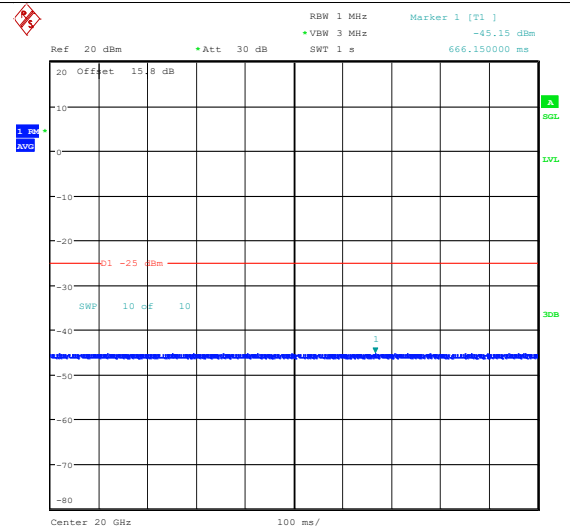




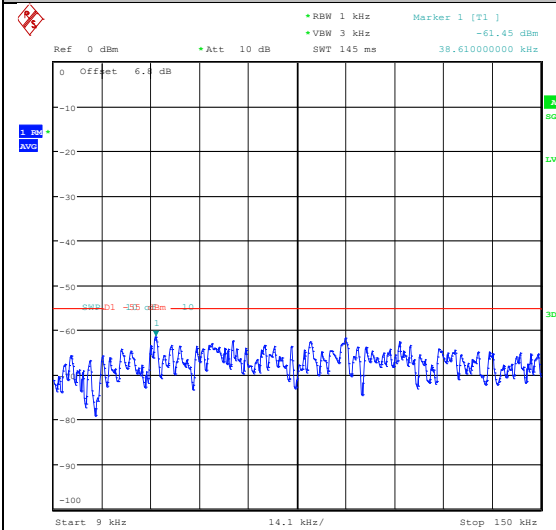
Date: 21.SEP.2024 14:58:48



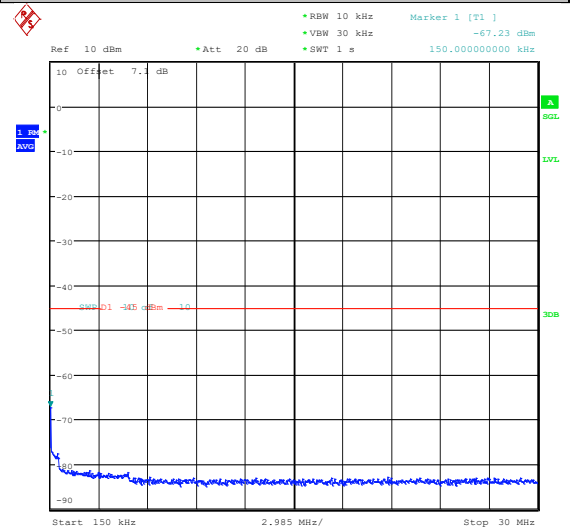
Date: 21.SEP.2024 14:59:13

Band7-5MHz-16QAM-20775-1RB#0-1000~20000-PASS

Band7-5MHz-16QAM-20775-1RB#0-20000~2700-0-PASS



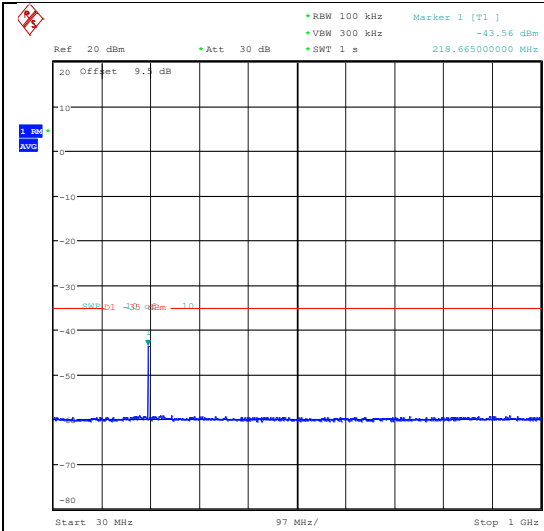
Date: 21.SEP.2024 14:59:29



Date: 21.SEP.2024 14:59:44

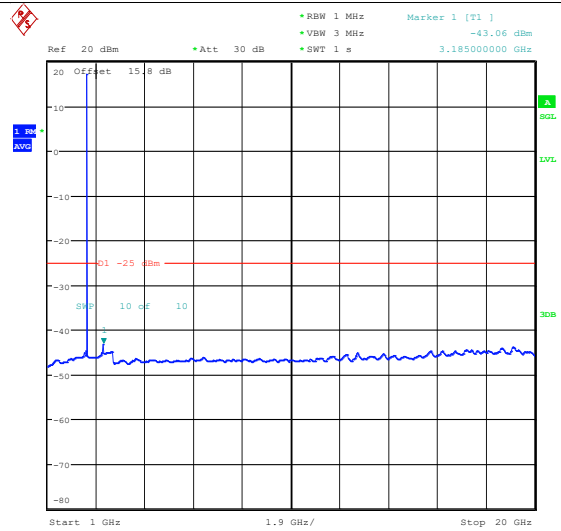
Band7-5MHz-QPSK-21100-1RB#0-0.009~0.15-PA-SS

Band7-5MHz-QPSK-21100-1RB#0-0.15~30-PASS



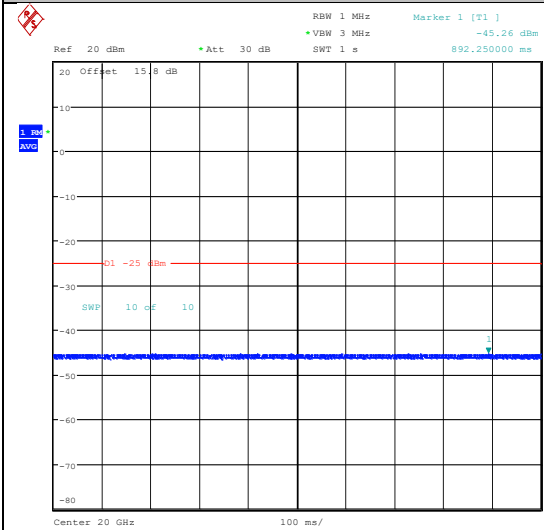
Date: 21.SEP.2024 14:59:57

Band7-5MHz-QPSK-21100-1RB#0-30~1000-PAS  
S



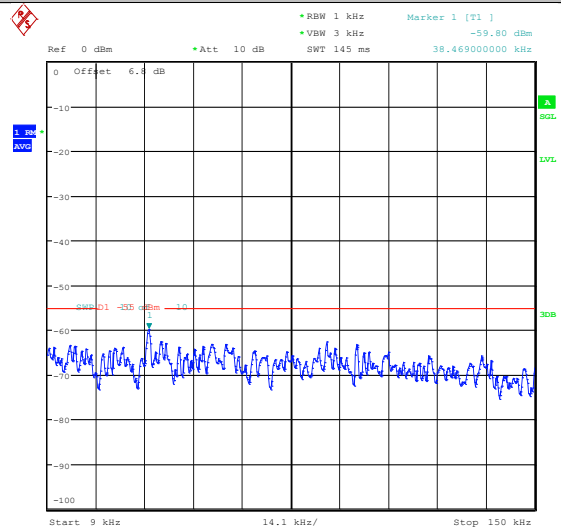
Date: 21.SEP.2024 15:00:12

Band7-5MHz-QPSK-21100-1RB#0-1000~20000-P  
ASS



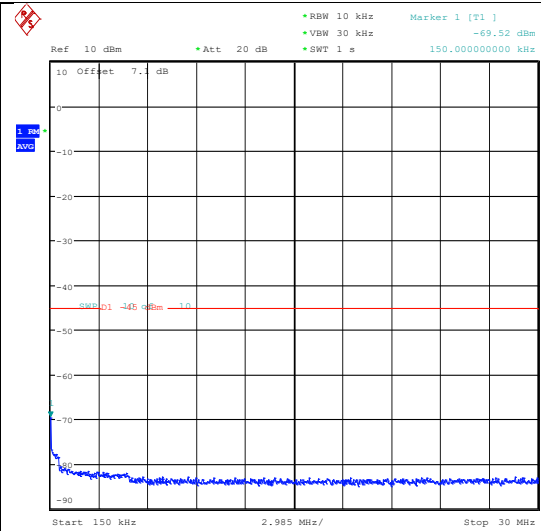
Date: 21.SEP.2024 15:00:38

Band7-5MHz-QPSK-21100-1RB#0-20000~27000-P  
PASS



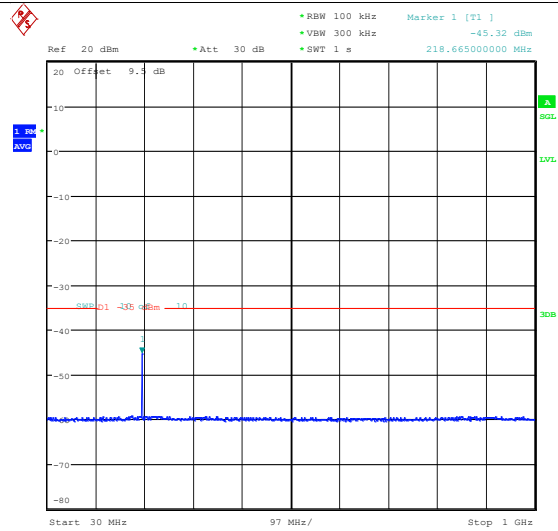
Date: 21.SEP.2024 15:00:50

Band7-5MHz-16QAM-21100-1RB#0-0.009~0.15-P  
ASS



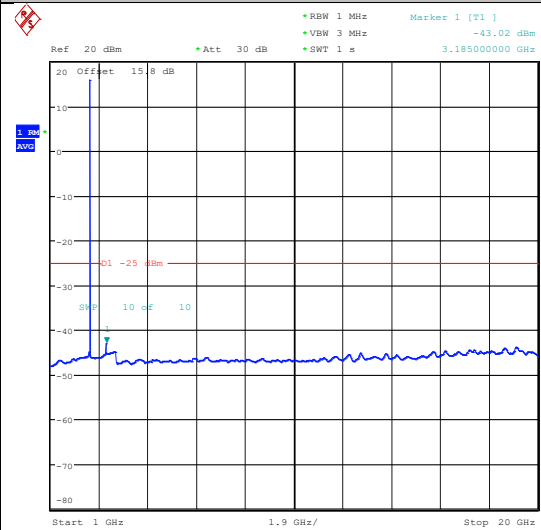
Date: 21.SEP.2024 15:01:05

Band7-5MHz-16QAM-21100-1RB#0-0.15~30-PAS  
S



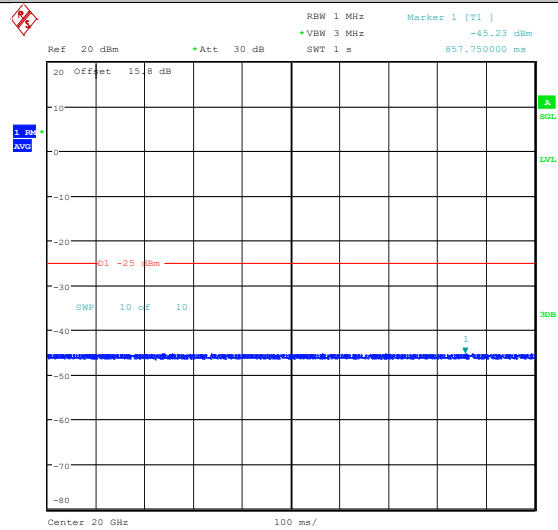
Date: 21.SEP.2024 15:01:18

Band7-5MHz-16QAM-21100-1RB#0-30~1000-PA  
SS



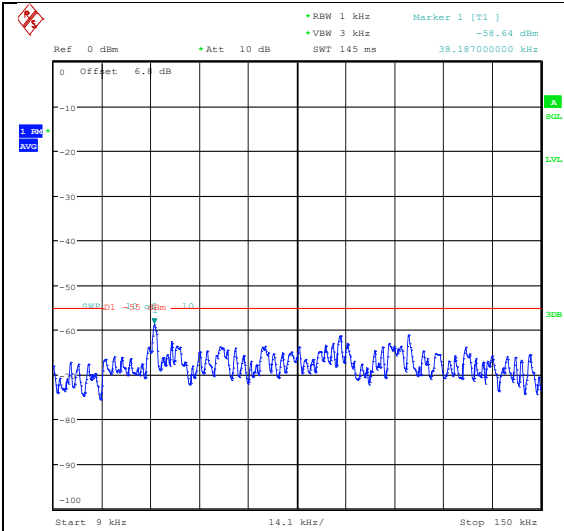
Date: 21.SEP.2024 15:01:33

Band7-5MHz-16QAM-21100-1RB#0-1000~20000-  
PASS

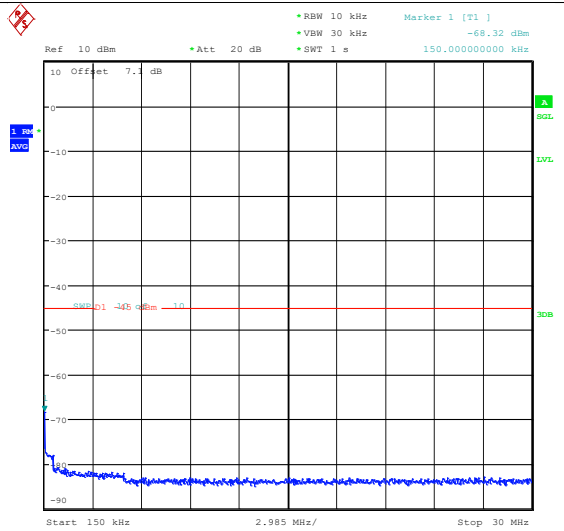


Date: 21.SEP.2024 15:01:59

Band7-5MHz-16QAM-21100-1RB#0-20000~27000  
-PASS

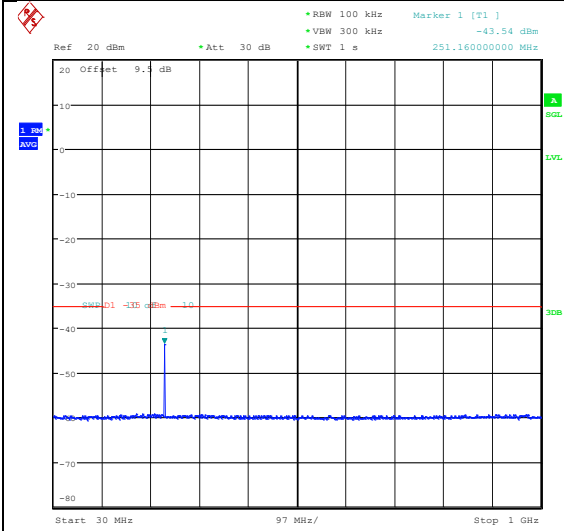


Date: 21.SEP.2024 15:02:14

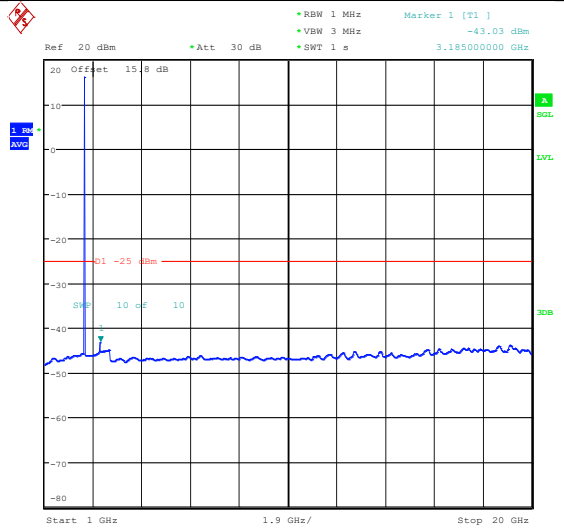


Date: 21.SEP.2024 15:02:29

Band7-5MHz-QPSK-21425-1RB#0-0.009~0.15-PA SS



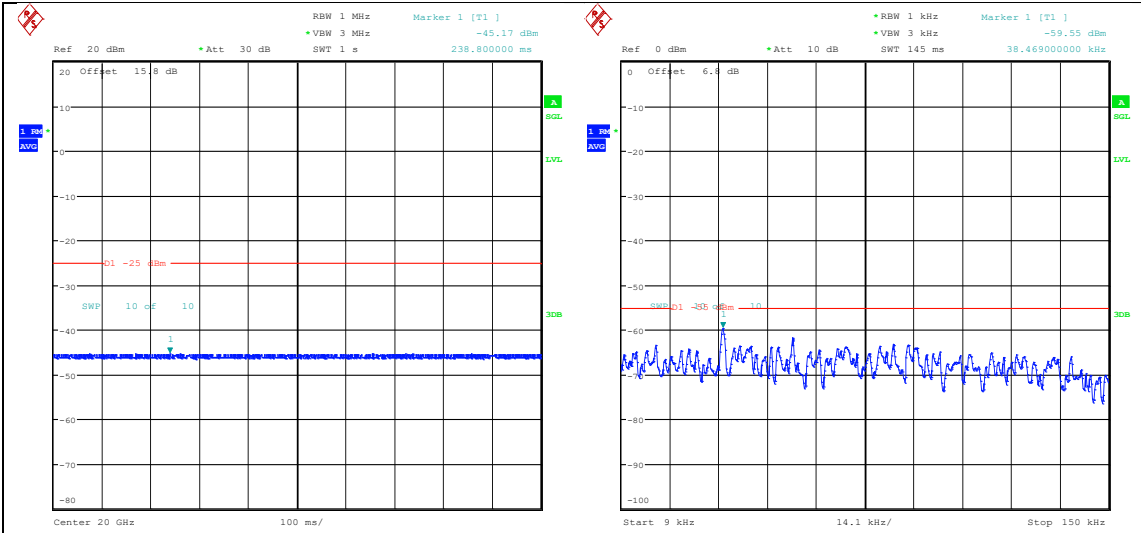
Date: 21.SEP.2024 15:02:43



Date: 21.SEP.2024 15:02:58

Band7-5MHz-QPSK-21425-1RB#0-30~1000-PAS S

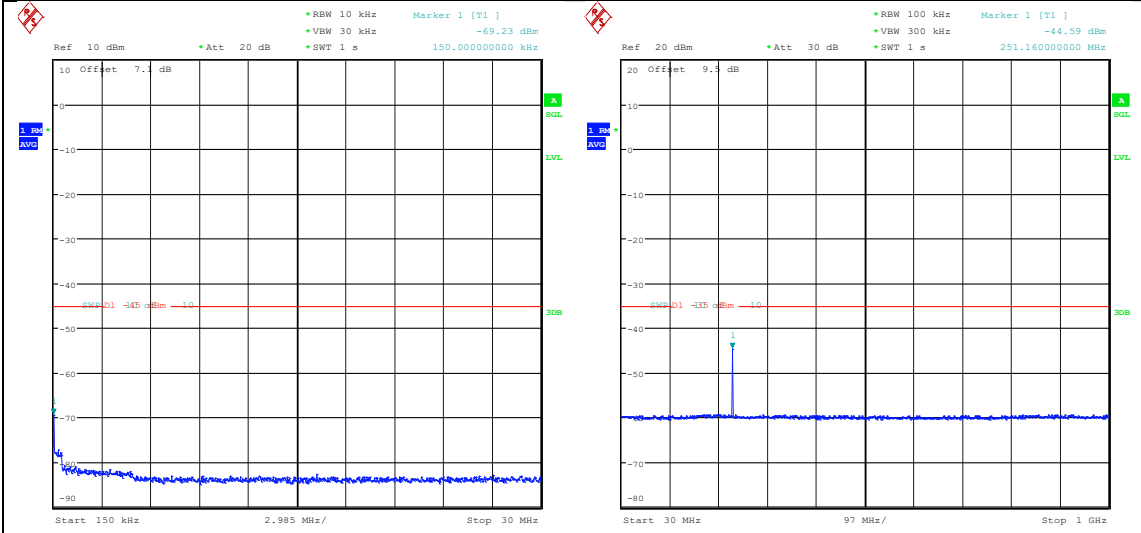
Band7-5MHz-QPSK-21425-1RB#0-1000~20000-PASS ASS



Date: 21.SEP.2024 15:03:23

Date: 21.SEP.2024 15:03:35

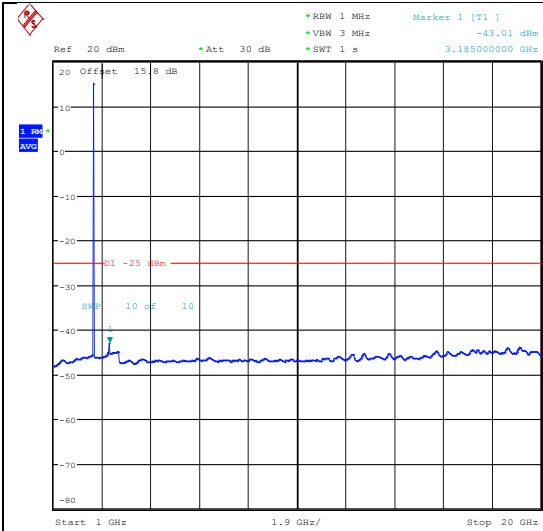
|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Band7-5MHz-QPSK-21425-1RB#0-20000~27000- | Band7-5MHz-16QAM-21425-1RB#0-0.009~0.15-P |
| PASS                                     | ASS                                       |



Date: 21.SEP.2024 15:03:50

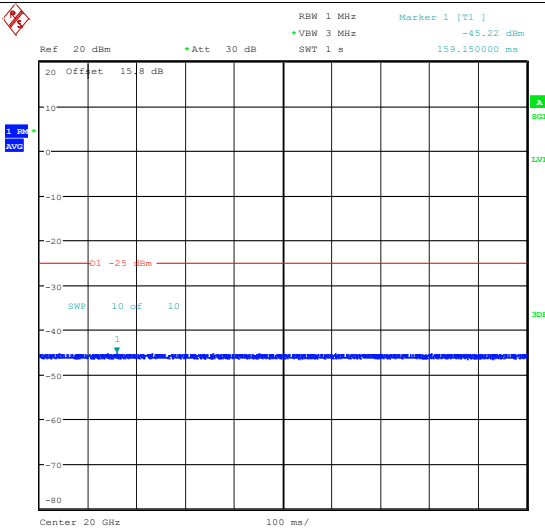
Date: 21.SEP.2024 15:04:04

|                                          |                                         |
|------------------------------------------|-----------------------------------------|
| Band7-5MHz-16QAM-21425-1RB#0-0.15~30-PAS | Band7-5MHz-16QAM-21425-1RB#0-30~1000-PA |
| S                                        | SS                                      |



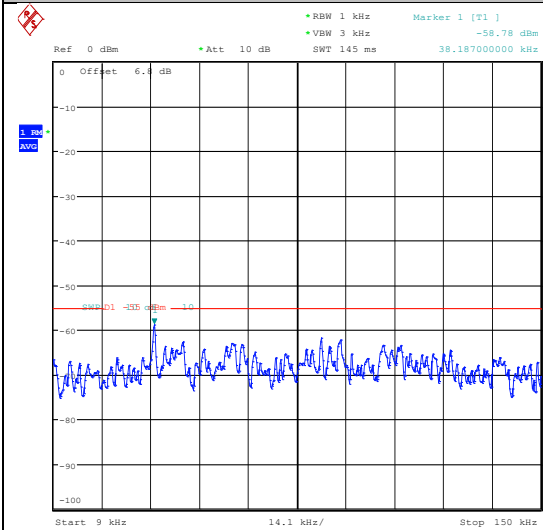
Date: 21.SEP.2024 15:04:19

Band7-5MHz-16QAM-21425-1RB#0-1000~20000-PASS



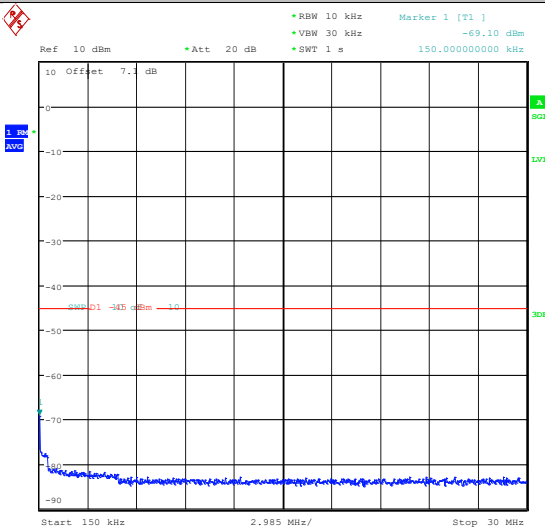
Date: 21.SEP.2024 15:04:45

Band7-5MHz-16QAM-21425-1RB#0-20000~2700-0-PASS



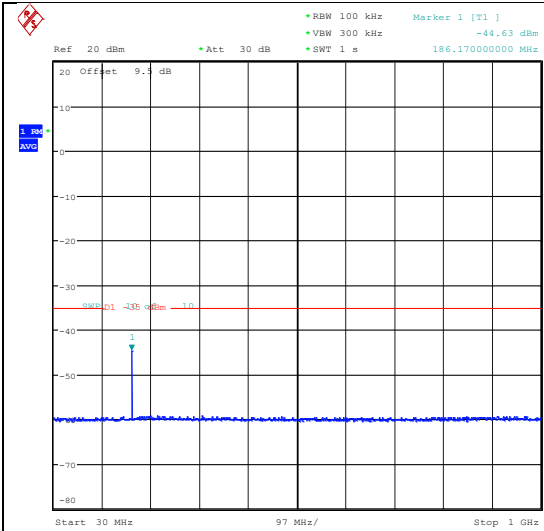
Date: 21.SEP.2024 15:05:20

Band7-10MHz-QPSK-20800-1RB#0-0.009~0.15-PASS



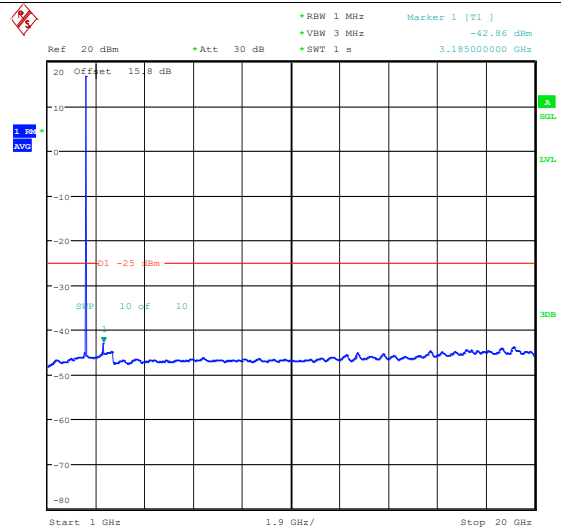
Date: 21.SEP.2024 15:05:35

Band7-10MHz-QPSK-20800-1RB#0-0.15~30-PASS



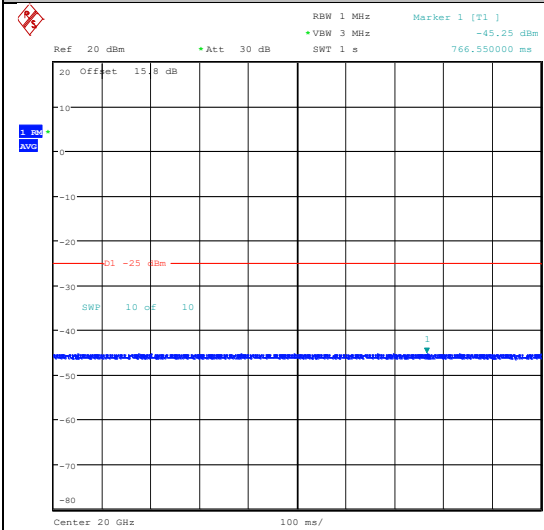
Date: 21.SEP.2024 15:05:49

Band7-10MHz-QPSK-20800-1RB#0-30~1000-PA  
SS



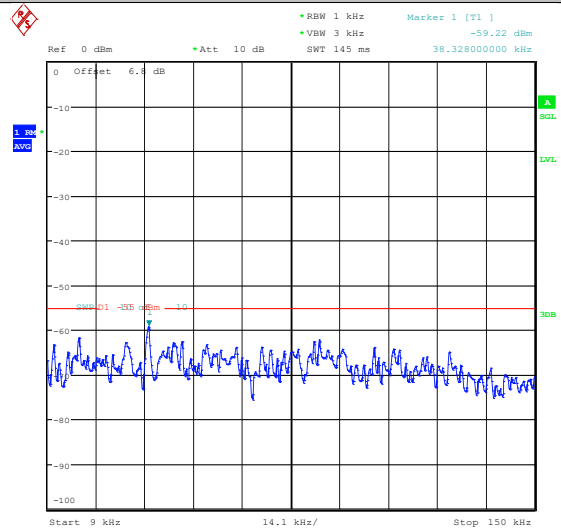
Date: 21.SEP.2024 15:06:04

Band7-10MHz-QPSK-20800-1RB#0-1000~20000-  
PASS



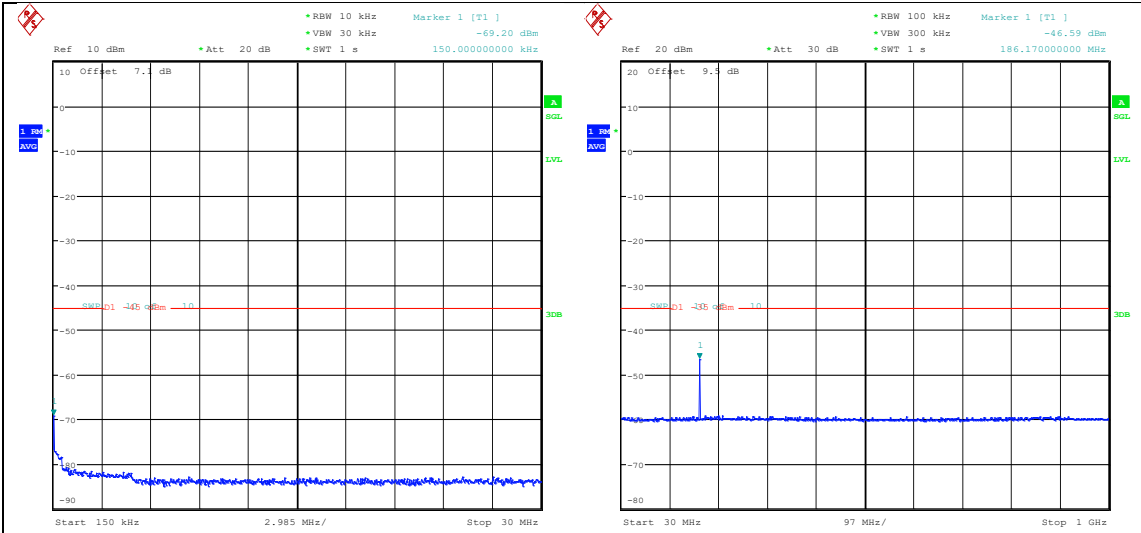
Date: 21.SEP.2024 15:06:30

Band7-10MHz-QPSK-20800-1RB#0-20000~2700  
0-PASS



Date: 21.SEP.2024 15:06:41

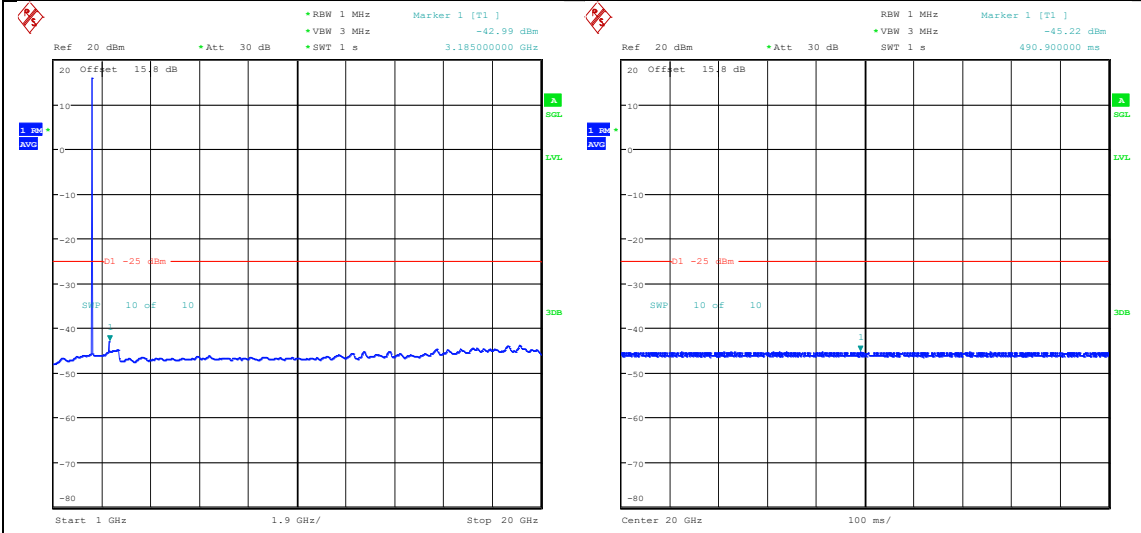
Band7-10MHz-16QAM-20800-1RB#0-0.009~0.15-  
PASS



Date: 21.SEP.2024 15:06:56

Date: 21.SEP.2024 15:07:10

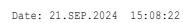
|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Band7-10MHz-16QAM-20800-1RB#0-0.15~30-PA | Band7-10MHz-16QAM-20800-1RB#0-30~1000-PA |
| SS                                       | SS                                       |



Date: 21.SEP.2024 15:07:25

Date: 21.SEP.2024 15:07:50

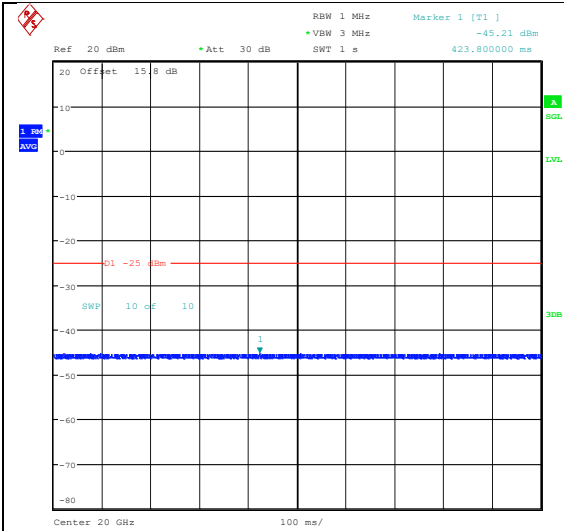
|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Band7-10MHz-16QAM-20800-1RB#0-1000~2000 | Band7-10MHz-16QAM-20800-1RB#0-20000~270 |
| 0-PASS                                  | 00-PASS                                 |



Band7-10MHz-QPSK-21100-1RB#0-0.15~30-PAS

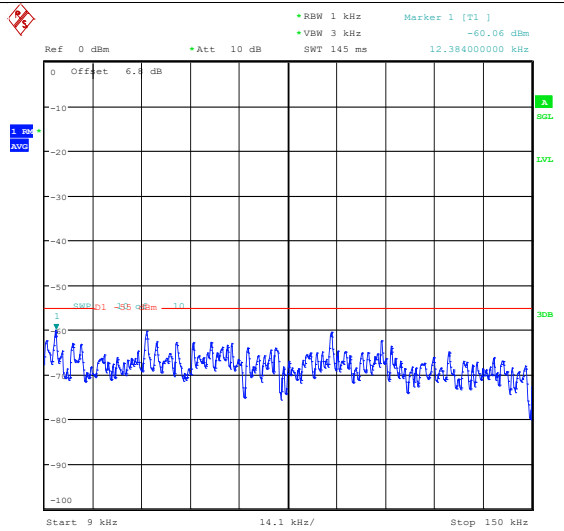


Band7-10MHz-QPSK-21100-1RB#0-1000~20000-  
PASS



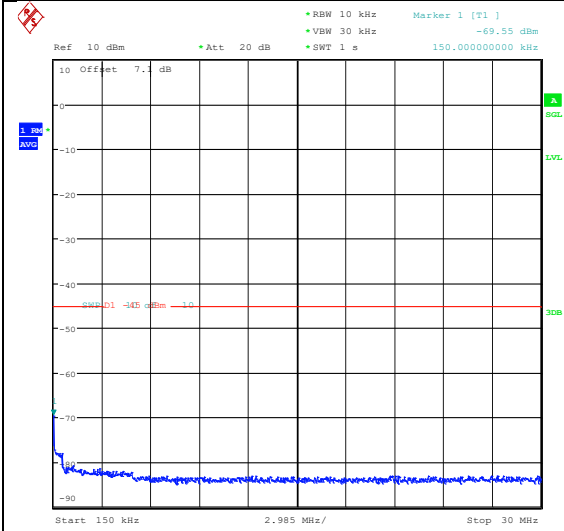
Date: 21.SEP.2024 15:09:16

Band7-10MHz-QPSK-21100-1RB#0-20000~27000  
-PASS



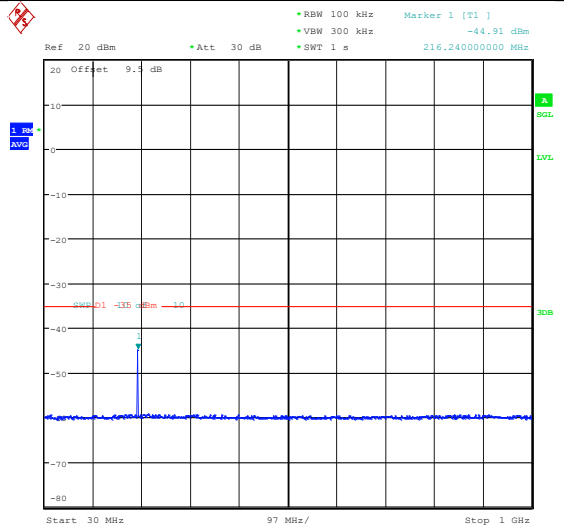
Date: 21.SEP.2024 15:09:27

Band7-10MHz-16QAM-21100-1RB#0-0.009~0.15-  
PASS



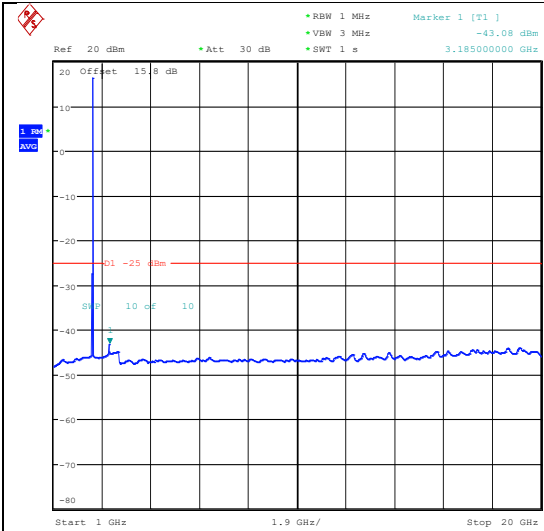
Date: 21.SEP.2024 15:09:42

Band7-10MHz-16QAM-21100-1RB#0-0.15~30-PA  
SS



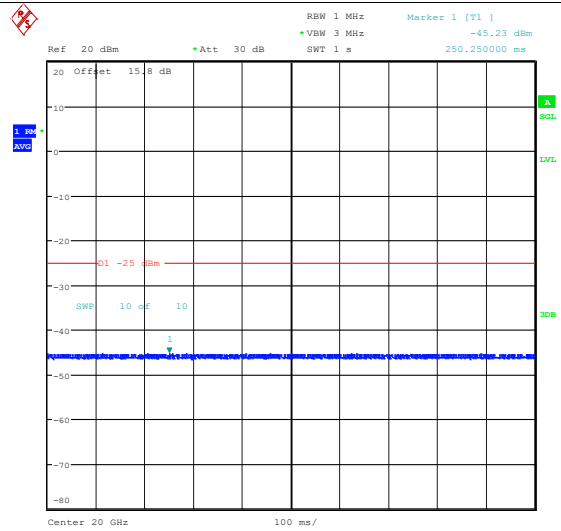
Date: 21.SEP.2024 15:09:56

Band7-10MHz-16QAM-21100-1RB#0-30~1000-PA  
SS



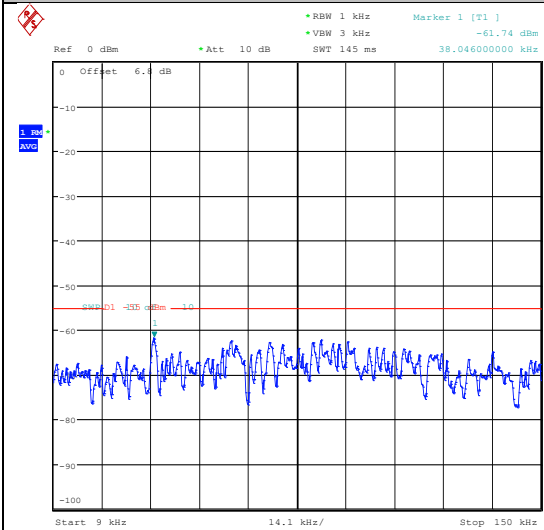
Date: 21.SEP.2024 15:10:11

Band7-10MHz-16QAM-21100-1RB#0-1000~2000  
0-PASS



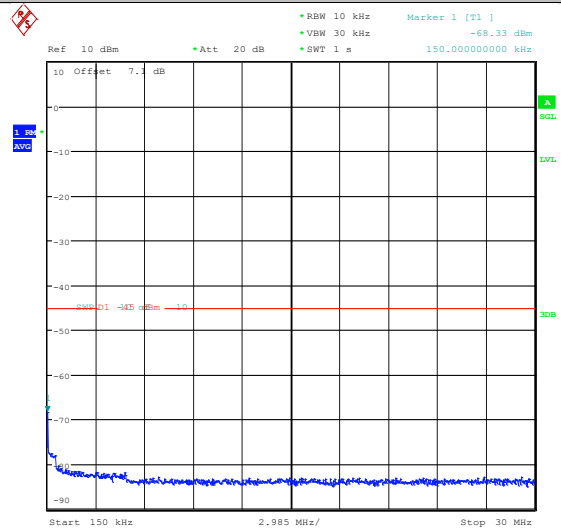
Date: 21.SEP.2024 15:10:36

Band7-10MHz-16QAM-21100-1RB#0-20000~2700  
0-PASS



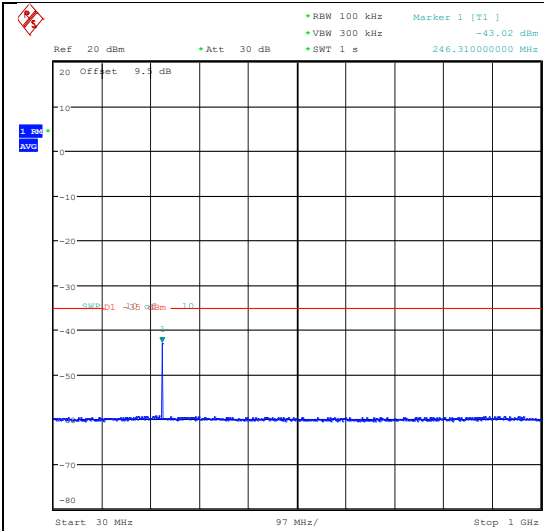
Date: 21.SEP.2024 15:10:52

Band7-10MHz-QPSK-21400-1RB#0-0.009~0.15-P  
ASS



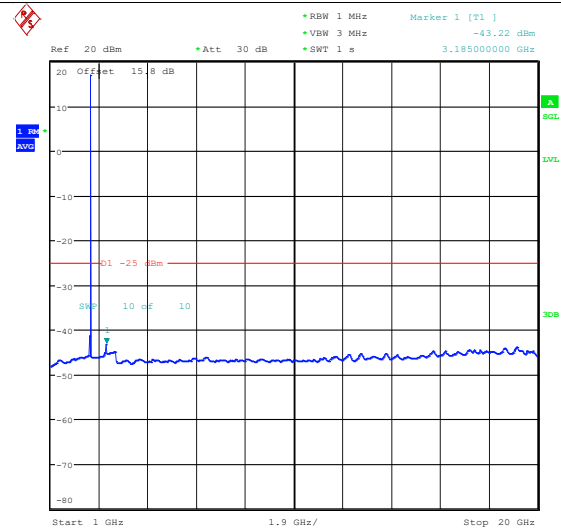
Date: 21.SEP.2024 15:11:07

Band7-10MHz-QPSK-21400-1RB#0-0.15~30-PAS  
S



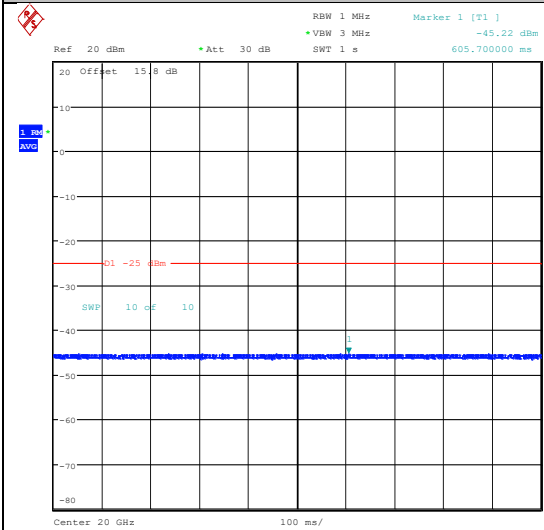
Date: 21.SEP.2024 15:11:21

Band7-10MHz-QPSK-21400-1RB#0-30~1000-PA  
SS



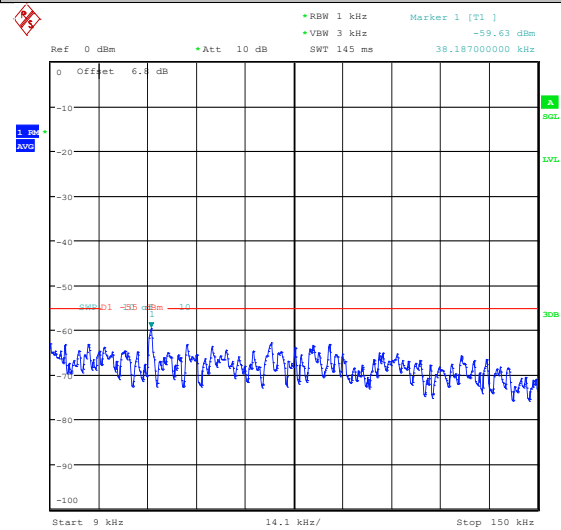
Date: 21.SEP.2024 15:11:36

Band7-10MHz-QPSK-21400-1RB#0-1000~20000-  
PASS



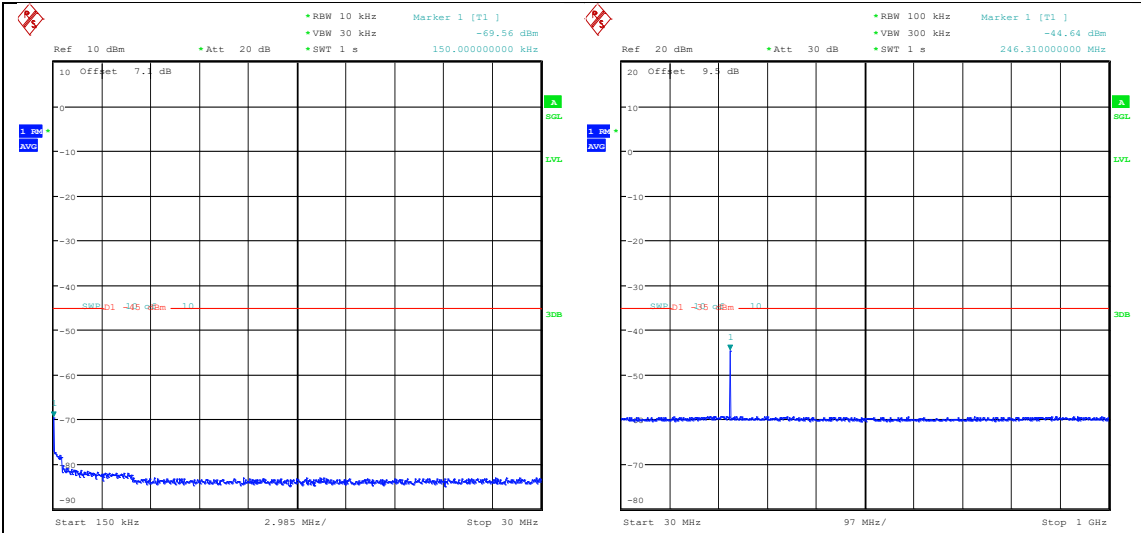
Date: 21.SEP.2024 15:12:01

Band7-10MHz-QPSK-21400-1RB#0-20000~2700  
0-PASS



Date: 21.SEP.2024 15:12:13

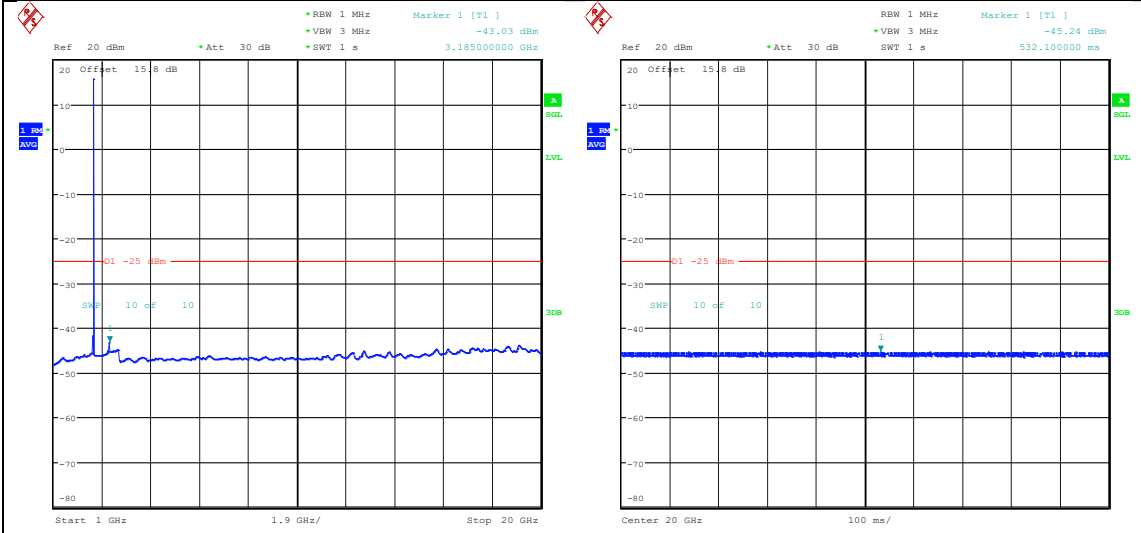
Band7-10MHz-16QAM-21400-1RB#0-0.009~0.15-  
PASS



Date: 21.SEP.2024 15:12:29

Date: 21.SEP.2024 15:12:42

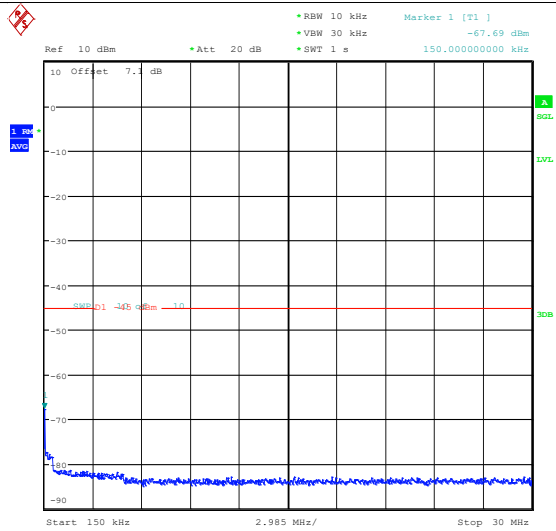
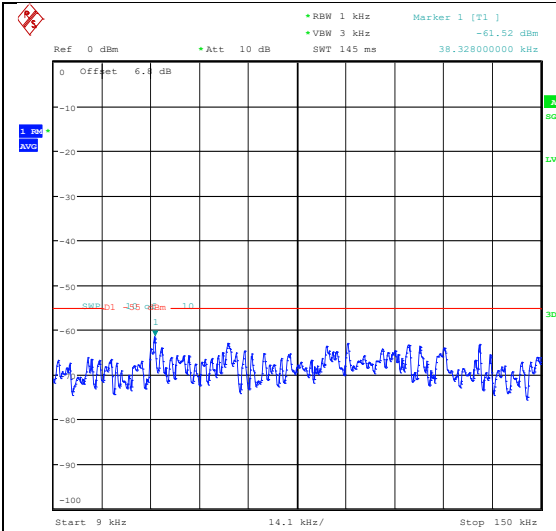
|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Band7-10MHz-16QAM-21400-1RB#0-0.15~30-PA | Band7-10MHz-16QAM-21400-1RB#0-30~1000-PA |
| SS                                       | SS                                       |



Date: 21.SEP.2024 15:12:57

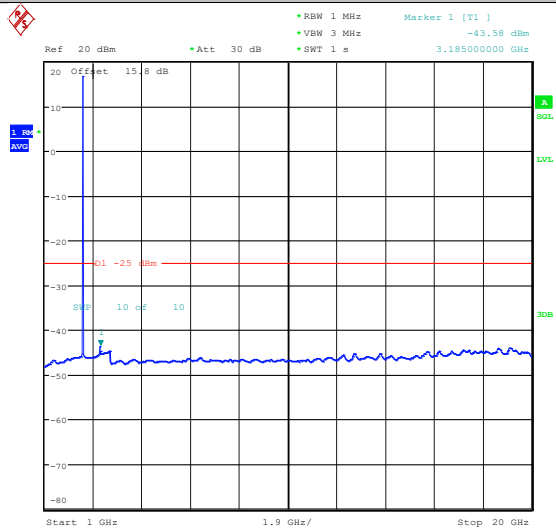
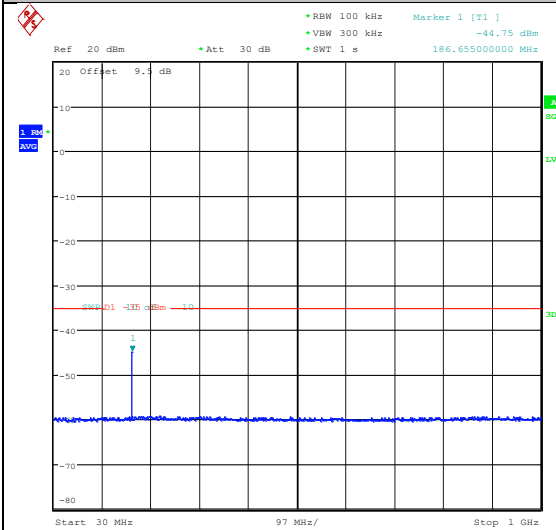
Date: 21.SEP.2024 15:13:23

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Band7-10MHz-16QAM-21400-1RB#0-1000~2000 | Band7-10MHz-16QAM-21400-1RB#0-20000~270 |
| 0-PASS                                  | 00-PASS                                 |



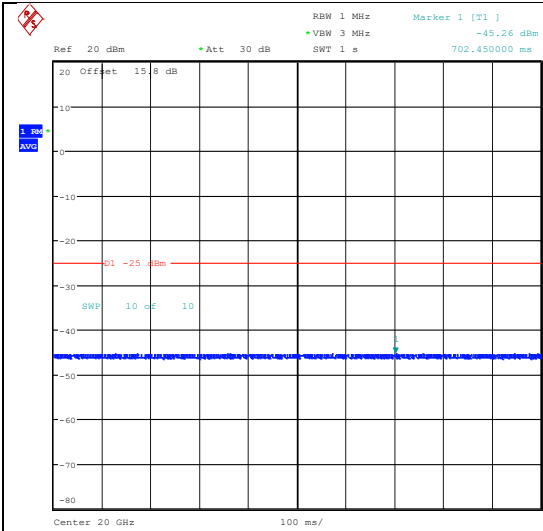
Band7-15MHz-QPSK-20825-1RB#0-0.009~0.15-P  
ASS

Band7-15MHz-QPSK-20825-1RB#0-0.15~30-PAS  
S



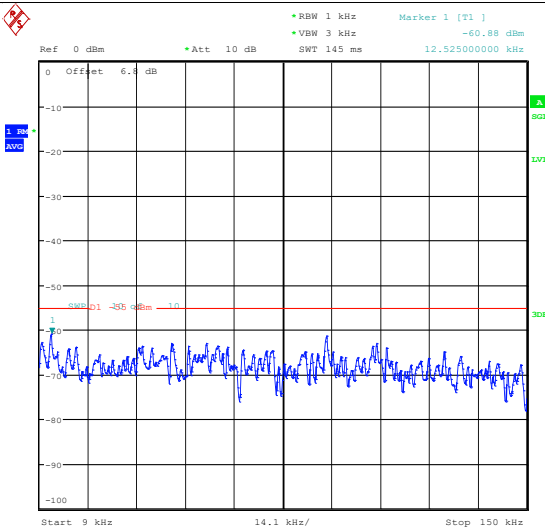
Band7-15MHz-QPSK-20825-1RB#0-30~1000-PA  
SS

Band7-15MHz-QPSK-20825-1RB#0-1000~20000-PASS  
PASS



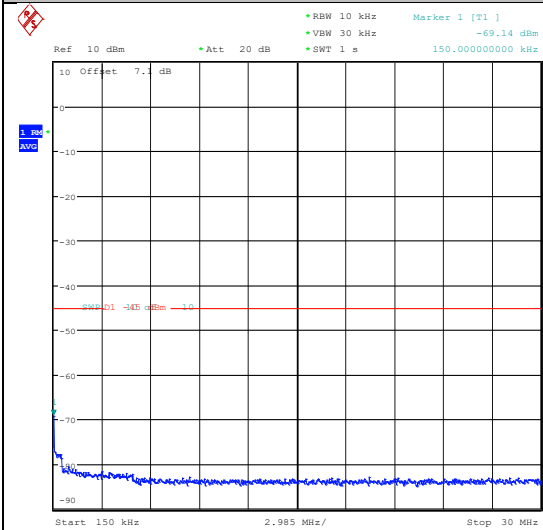
Date: 21.SEP.2024 15:24:12

Band7-15MHz-QPSK-20825-1RB#0-20000~2700  
0-PASS



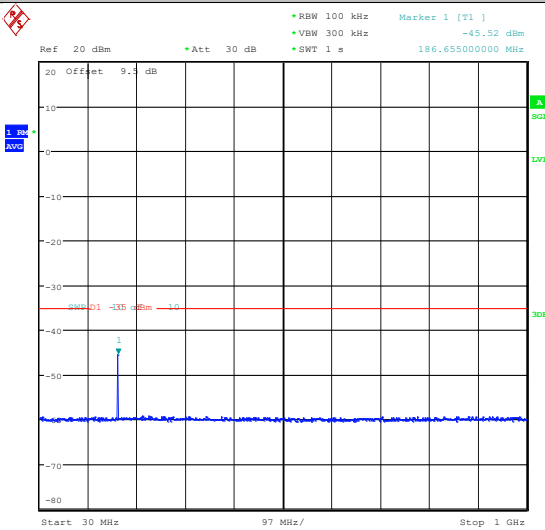
Date: 21.SEP.2024 15:24:24

Band7-15MHz-16QAM-20825-1RB#0-0.009~0.15-  
PASS



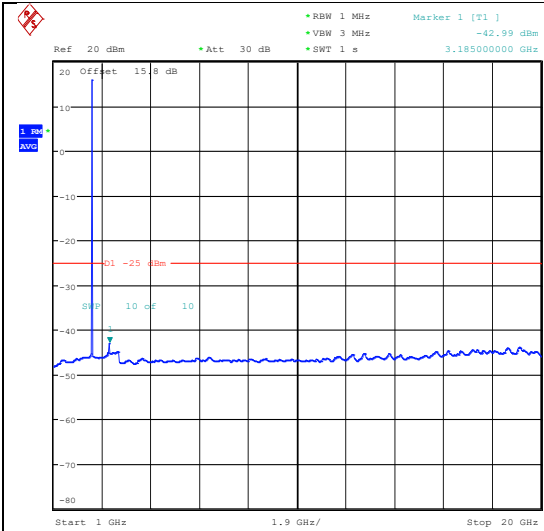
Date: 21.SEP.2024 15:24:39

Band7-15MHz-16QAM-20825-1RB#0-0.15~30-PA  
SS



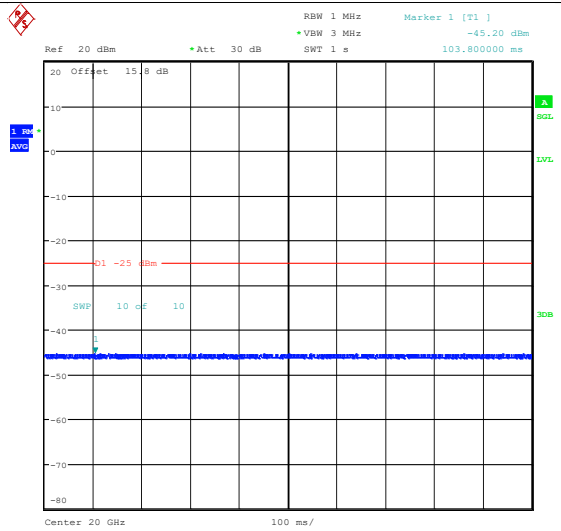
Date: 21.SEP.2024 15:24:53

Band7-15MHz-16QAM-20825-1RB#0-30~1000-PA  
SS



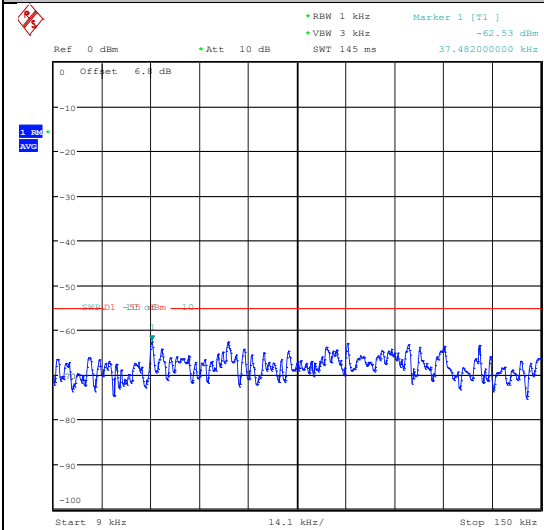
Date: 21.SEP.2024 15:25:09

Band7-15MHz-16QAM-20825-1RB#0-1000~2000  
0-PASS



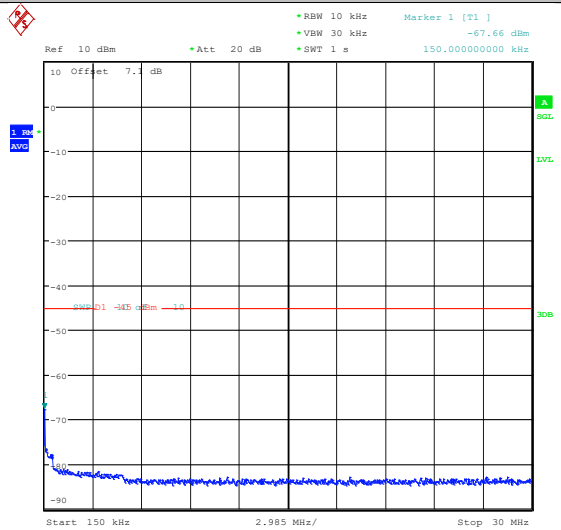
Date: 21.SEP.2024 15:25:35

Band7-15MHz-16QAM-20825-1RB#0-20000~270  
00-PASS



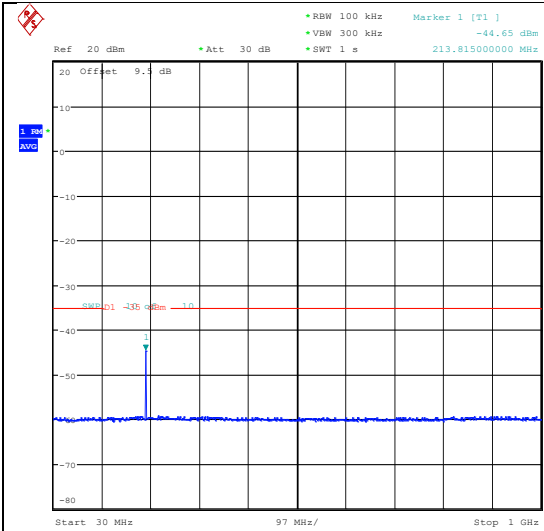
Date: 21.SEP.2024 15:25:51

Band7-15MHz-QPSK-21100-1RB#0-0.009~0.15-P  
ASS



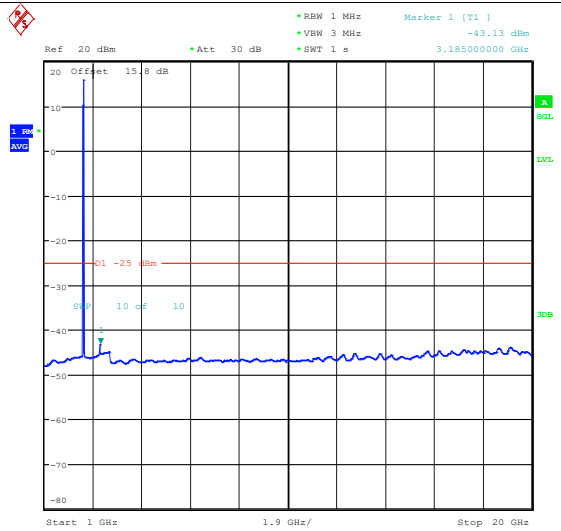
Date: 21.SEP.2024 15:26:06

Band7-15MHz-QPSK-21100-1RB#0-0.15~30-PAS  
S



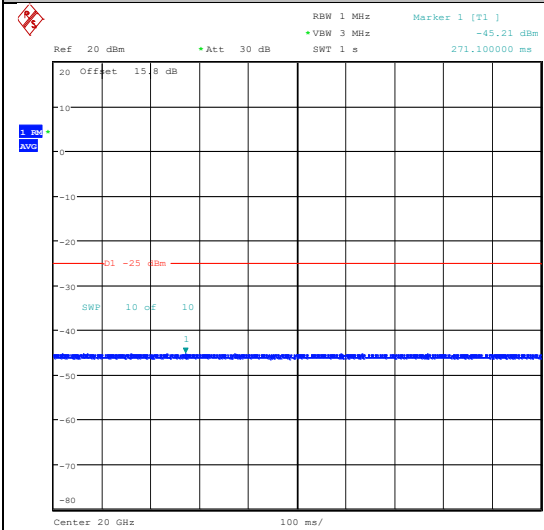
Date: 21.SEP.2024 15:26:20

Band7-15MHz-QPSK-21100-1RB#0-30~1000-PAS  
S



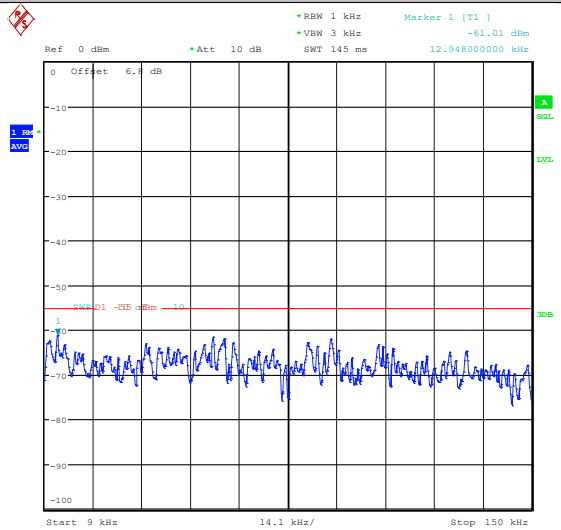
Date: 21.SEP.2024 15:26:36

Band7-15MHz-QPSK-21100-1RB#0-1000~20000-  
PASS



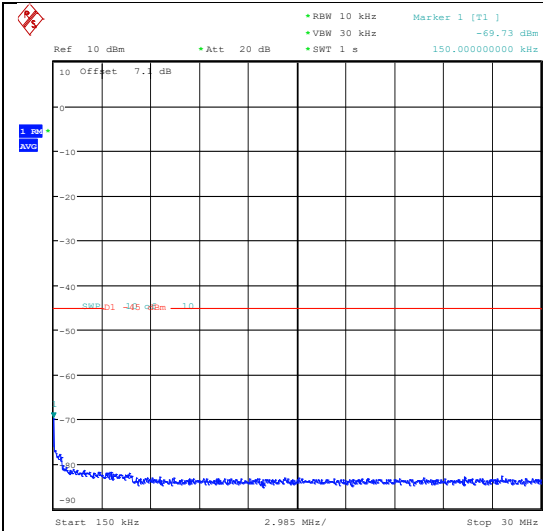
Date: 21.SEP.2024 15:27:02

Band7-15MHz-QPSK-21100-1RB#0-20000~27000  
-PASS



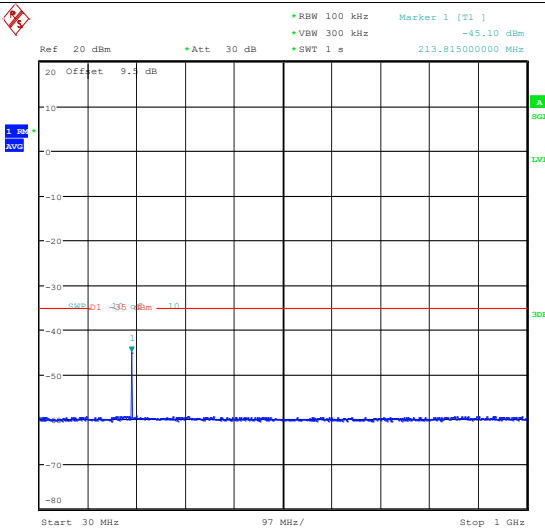
Date: 21.SEP.2024 15:27:14

Band7-15MHz-16QAM-21100-1RB#0-0.009~0.15-  
PASS



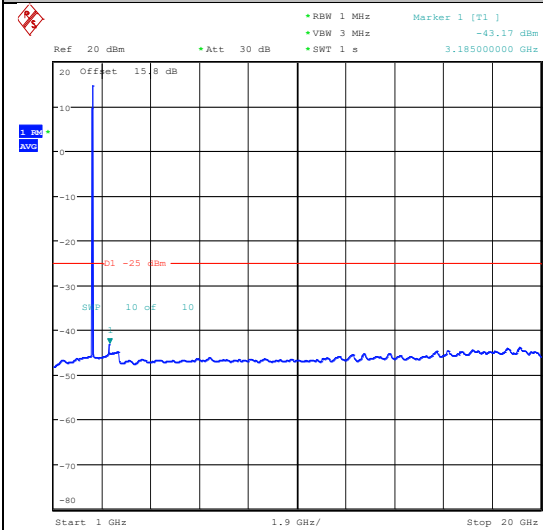
Date: 21.SEP.2024 15:27:29

Band7-15MHz-16QAM-21100-1RB#0-0.15~30-PA  
SS



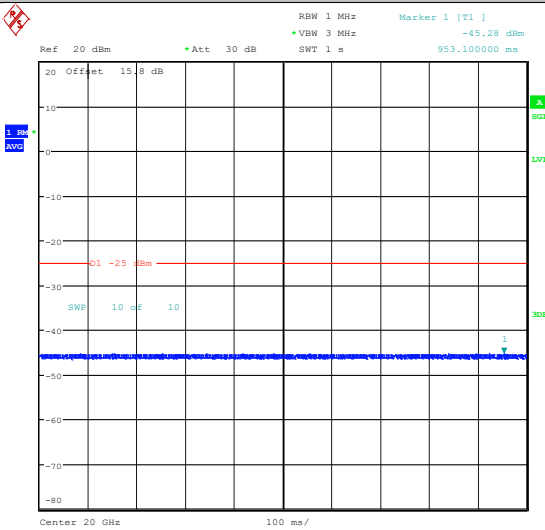
Date: 21.SEP.2024 15:27:42

Band7-15MHz-16QAM-21100-1RB#0-30~1000-PA  
SS



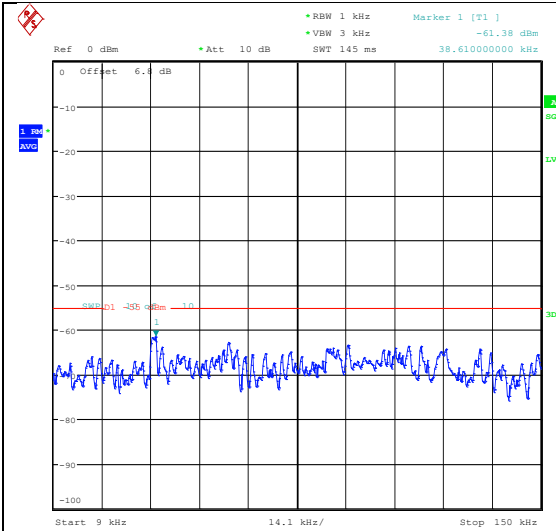
Date: 21.SEP.2024 15:27:58

Band7-15MHz-16QAM-21100-1RB#0-1000~2000  
0-PASS



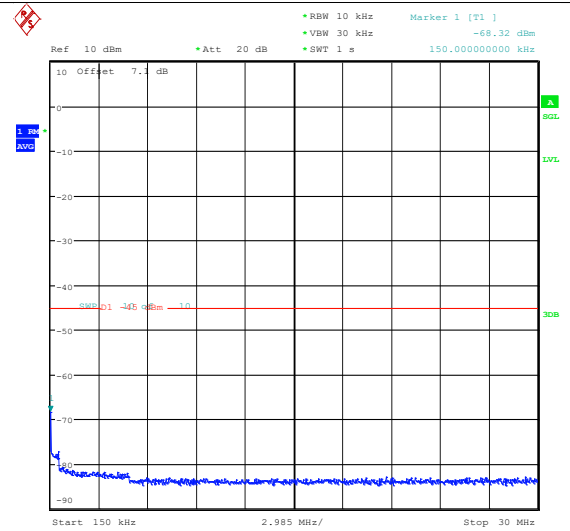
Date: 21.SEP.2024 15:28:23

Band7-15MHz-16QAM-21100-1RB#0-20000~2700  
0-PASS



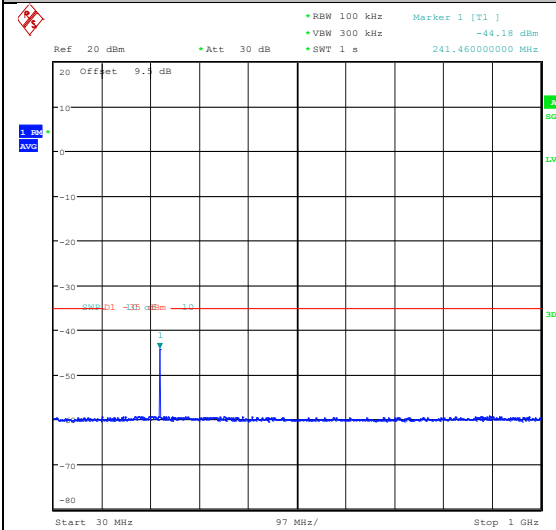
Date: 21.SEP.2024 15:28:40

Band7-15MHz-QPSK-21375-1RB#0-0.009~0.15-P  
ASS



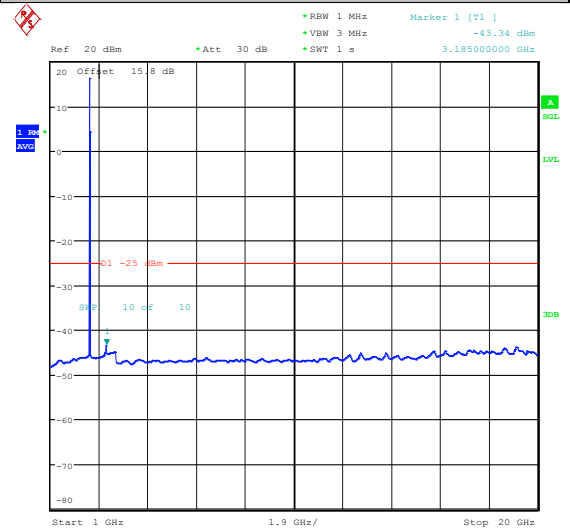
Date: 21.SEP.2024 15:28:56

Band7-15MHz-QPSK-21375-1RB#0-0.15~30-PAS  
S



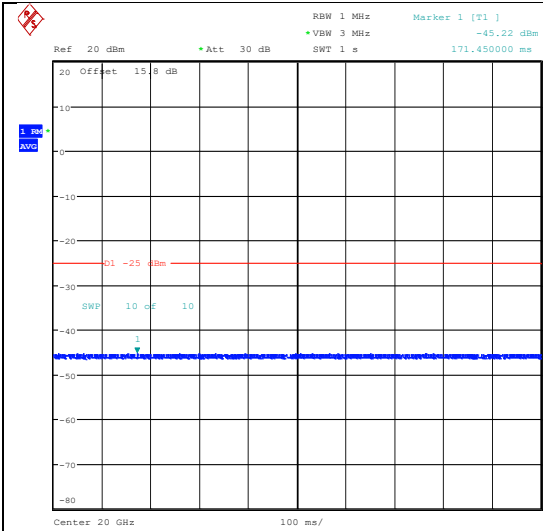
Date: 21.SEP.2024 15:29:09

Band7-15MHz-QPSK-21375-1RB#0-30~1000-PA  
SS



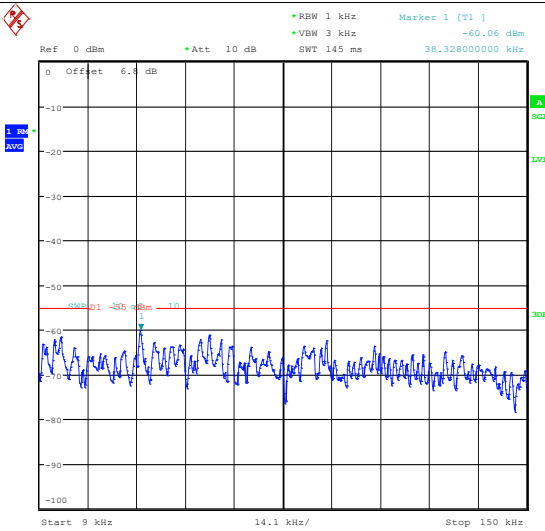
Date: 21.SEP.2024 15:29:25

Band7-15MHz-QPSK-21375-1RB#0-1000~20000-PASS  
PASS



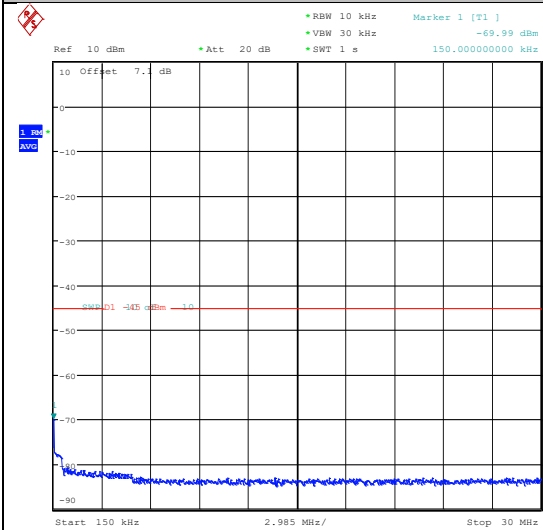
Date: 21.SEP.2024 15:29:50

Band7-15MHz-QPSK-21375-1RB#0-20000~2700  
0-PASS



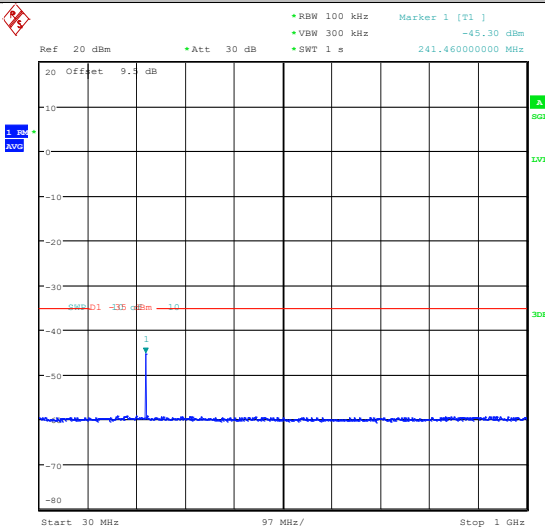
Date: 21.SEP.2024 15:30:01

Band7-15MHz-16QAM-21375-1RB#0-0.009~0.15-  
PASS



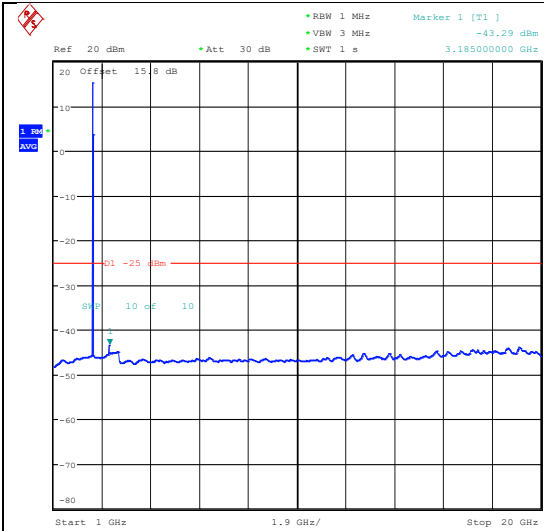
Date: 21.SEP.2024 15:30:17

Band7-15MHz-16QAM-21375-1RB#0-0.15~30-PA  
SS



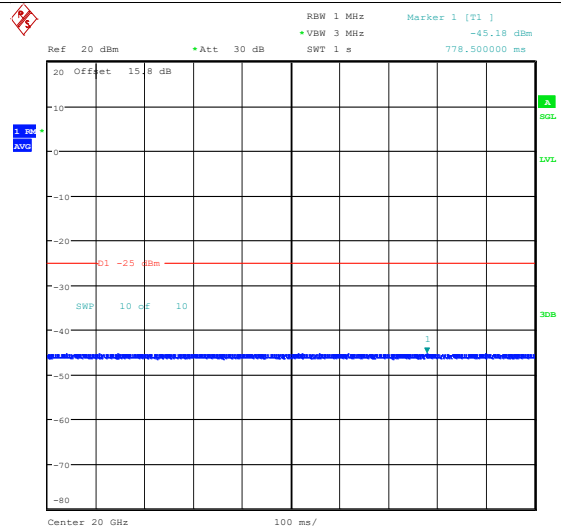
Date: 21.SEP.2024 15:30:30

Band7-15MHz-16QAM-21375-1RB#0-30~1000-PA  
SS



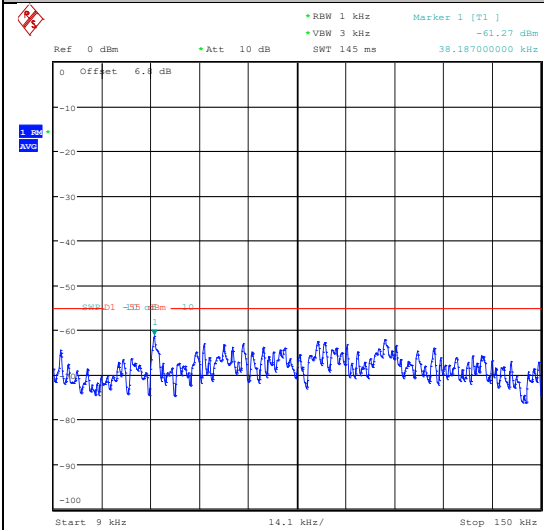
Date: 21.SEP.2024 15:30:45

Band7-15MHz-16QAM-21375-1RB#0-1000~2000  
0-PASS



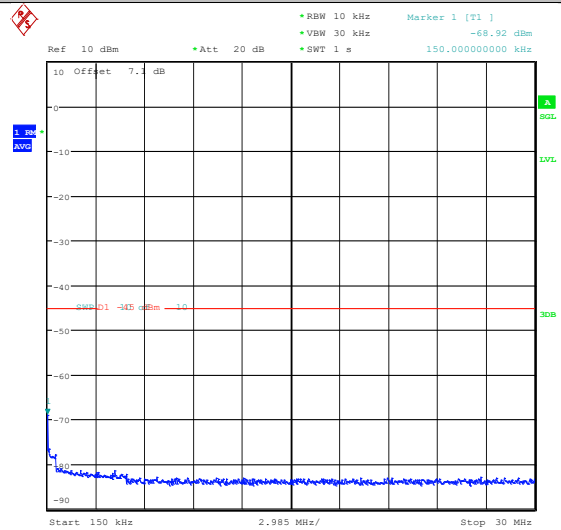
Date: 21.SEP.2024 15:31:11

Band7-15MHz-16QAM-21375-1RB#0-20000~270  
00-PASS



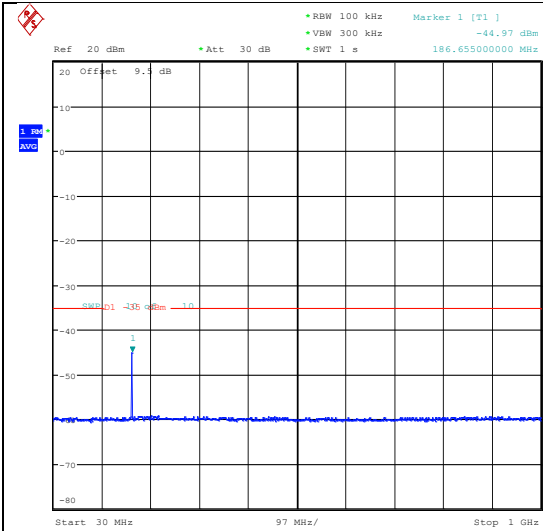
Date: 21.SEP.2024 15:54:17

Band7-20MHz-QPSK-20850-1RB#0-0.009~0.15-P  
ASS



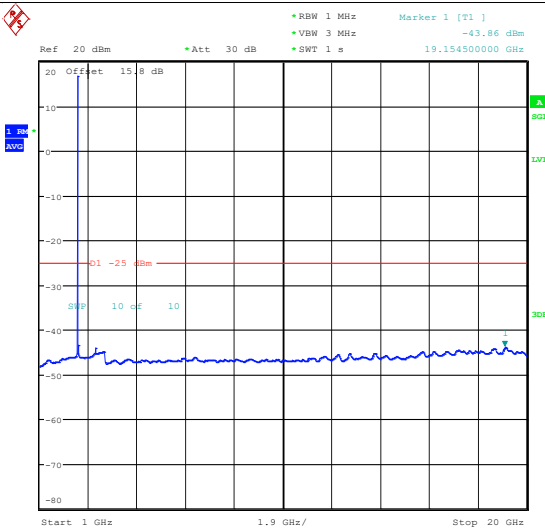
Date: 21.SEP.2024 15:54:32

Band7-20MHz-QPSK-20850-1RB#0-0.15~30-PAS  
S



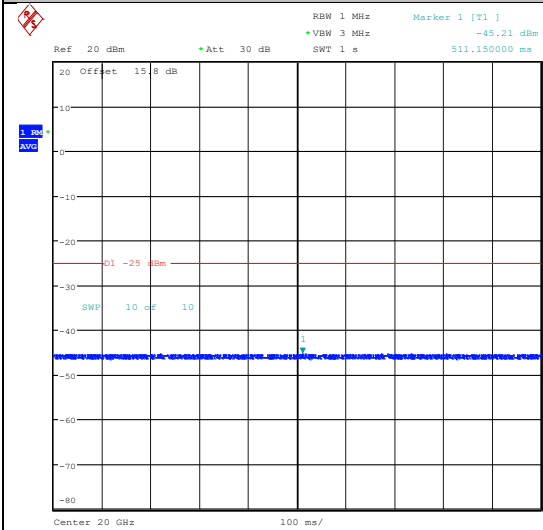
Date: 21.SEP.2024 15:54:45

Band7-20MHz-QPSK-20850-1RB#0-30~1000-PA  
SS



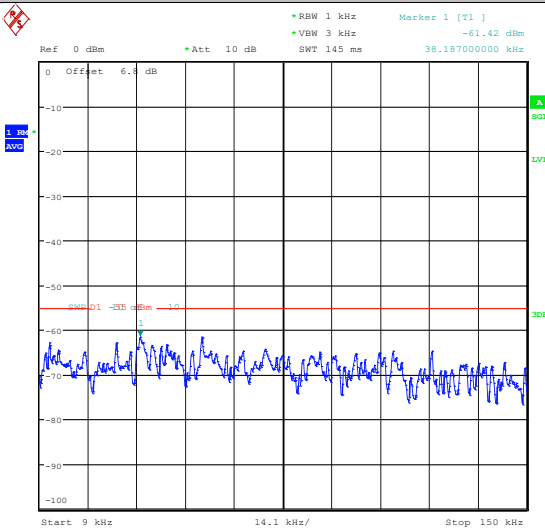
Date: 21.SEP.2024 15:55:00

Band7-20MHz-QPSK-20850-1RB#0-1000~20000-  
PASS



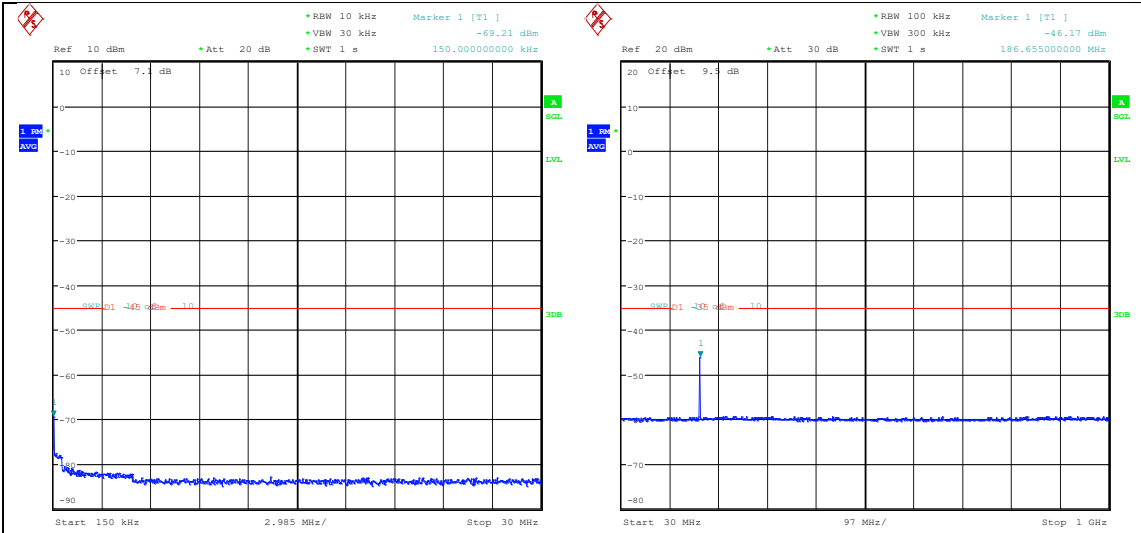
Date: 21.SEP.2024 15:55:25

Band7-20MHz-QPSK-20850-1RB#0-20000~2700  
0-PASS



Date: 21.SEP.2024 15:55:35

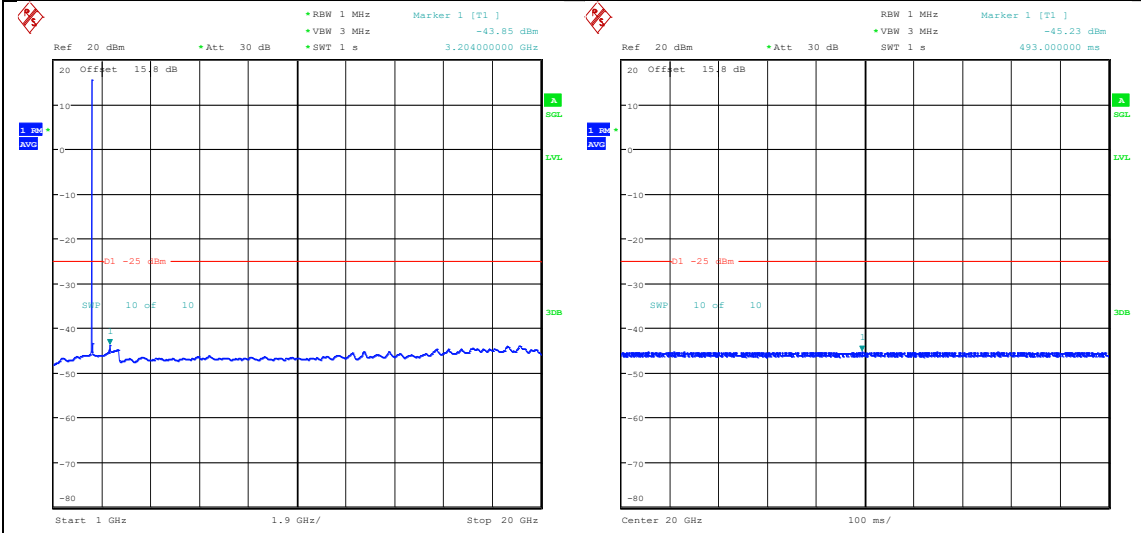
Band7-20MHz-16QAM-20850-1RB#0-0.009~0.15-  
PASS



Date: 21.SEP.2024 15:55:50

Date: 21.SEP.2024 15:56:04

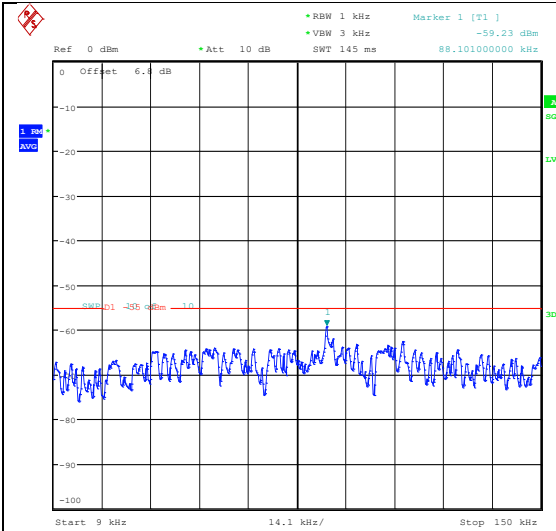
|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Band7-20MHz-16QAM-20850-1RB#0-0.15~30-PA | Band7-20MHz-16QAM-20850-1RB#0-30~1000-PA |
| SS                                       | SS                                       |



Date: 21.SEP.2024 15:56:18

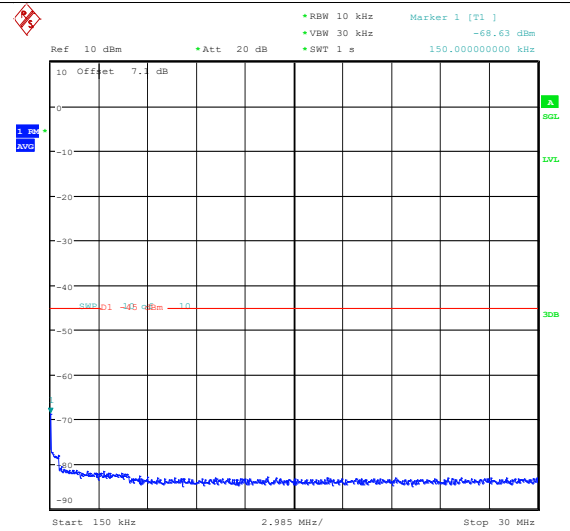
Date: 21.SEP.2024 15:56:43

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Band7-20MHz-16QAM-20850-1RB#0-1000~2000 | Band7-20MHz-16QAM-20850-1RB#0-20000~270 |
| 0-PASS                                  | 00-PASS                                 |



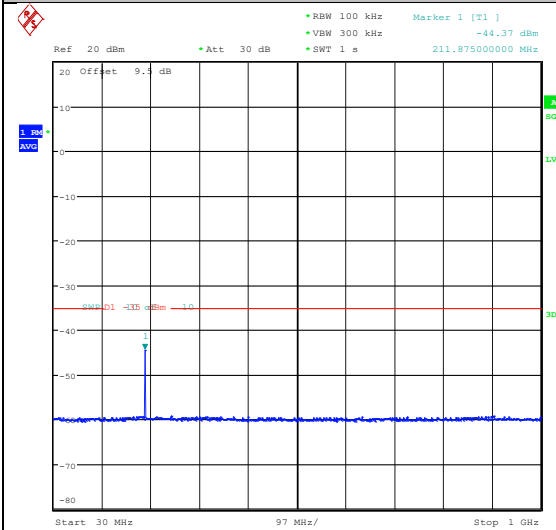
Date: 21.SEP.2024 15:56:56

Band7-20MHz-QPSK-21100-1RB#0-0.009~0.15-P  
ASS



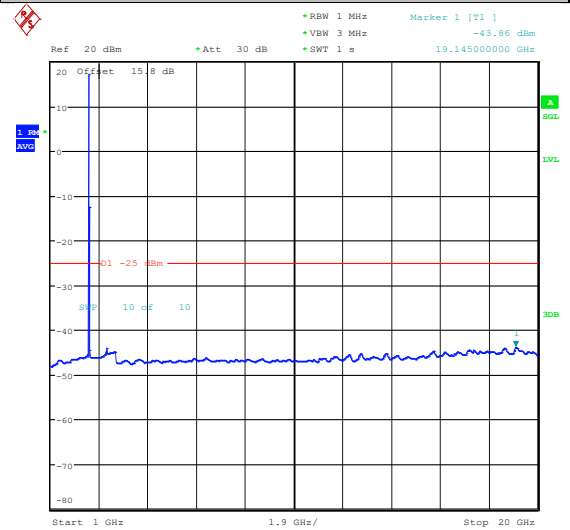
Date: 21.SEP.2024 15:57:11

Band7-20MHz-QPSK-21100-1RB#0-0.15~30-PAS  
S



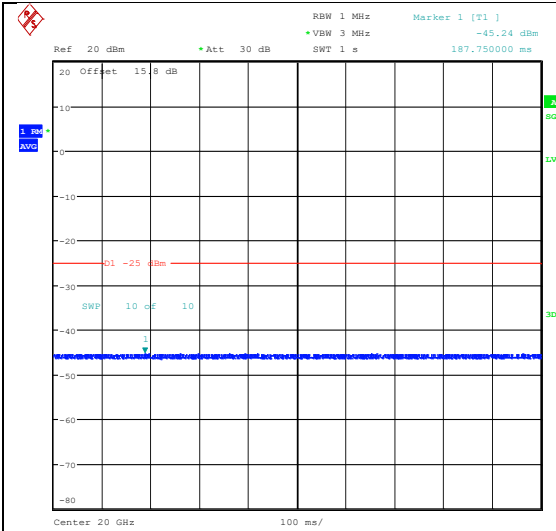
Date: 21.SEP.2024 15:57:24

Band7-20MHz-QPSK-21100-1RB#0-30~1000-PAS  
S



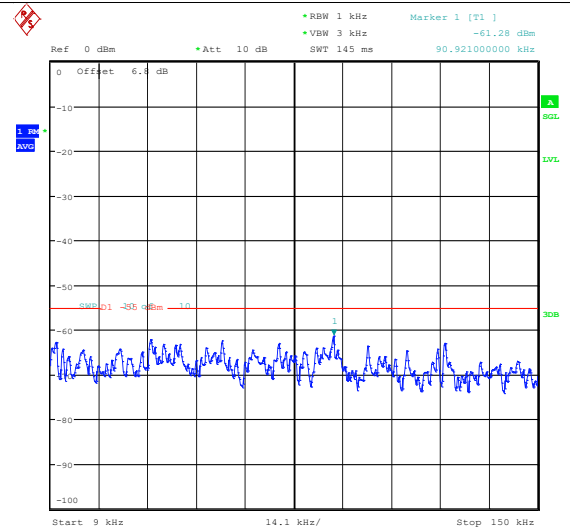
Date: 21.SEP.2024 15:57:39

Band7-20MHz-QPSK-21100-1RB#0-1000~20000-  
PASS



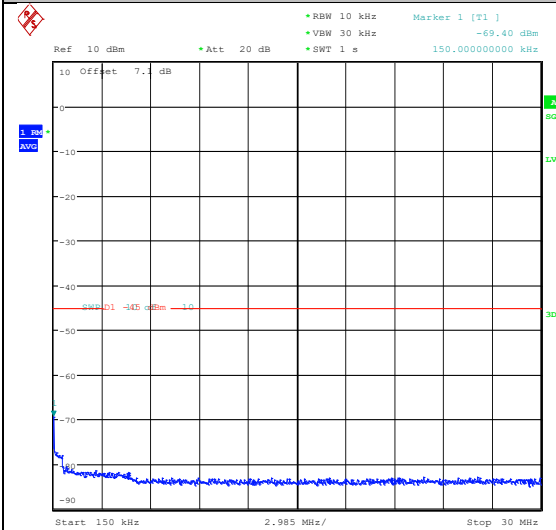
Date: 21.SEP.2024 15:58:04

Band7-20MHz-QPSK-21100-1RB#0-20000~27000  
-PASS



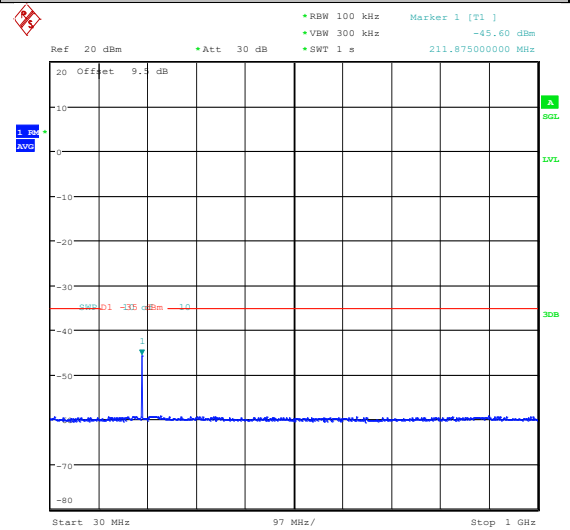
Date: 21.SEP.2024 15:58:14

Band7-20MHz-16QAM-21100-1RB#0-0.009~0.15-  
PASS



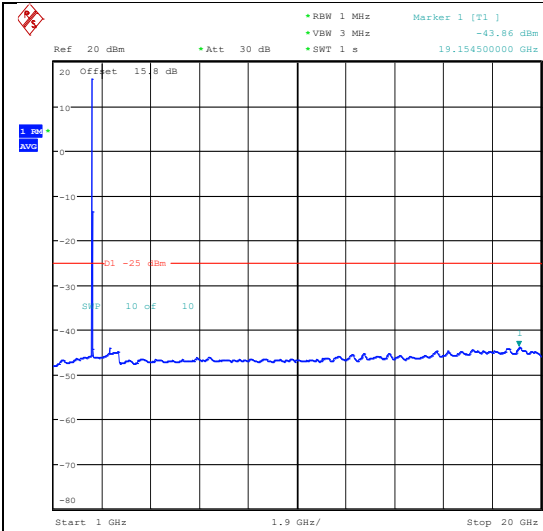
Date: 21.SEP.2024 15:58:29

Band7-20MHz-16QAM-21100-1RB#0-0.15~30-PA  
SS



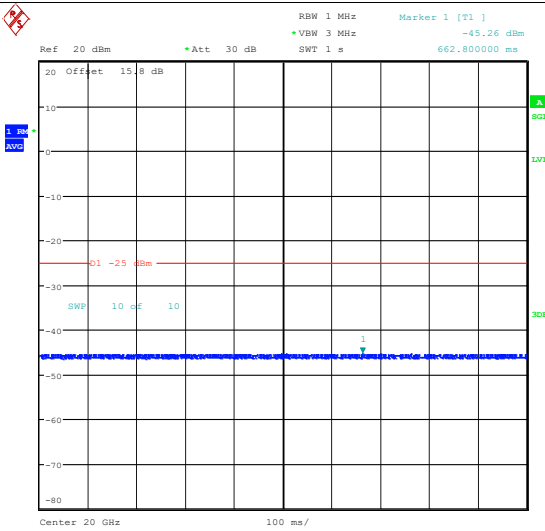
Date: 21.SEP.2024 15:58:43

Band7-20MHz-16QAM-21100-1RB#0-30~1000-PA  
SS



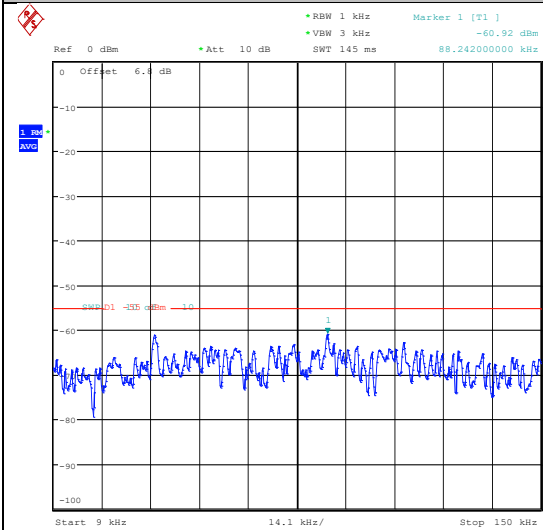
Date: 21.SEP.2024 15:58:57

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0-PASS



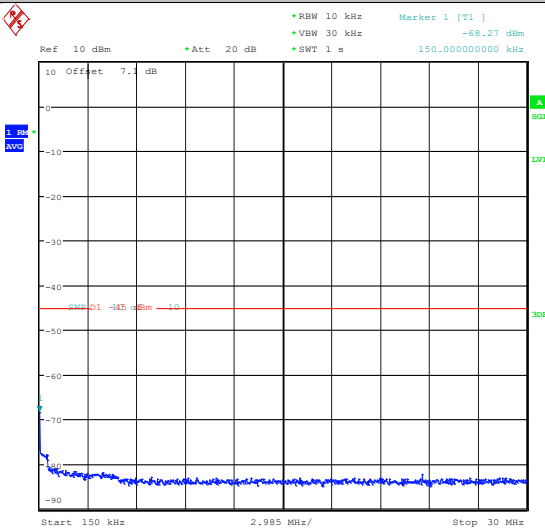
Date: 21.SEP.2024 15:59:22

Band7-20MHz-16QAM-21100-1RB#0-20000~2700  
0-PASS



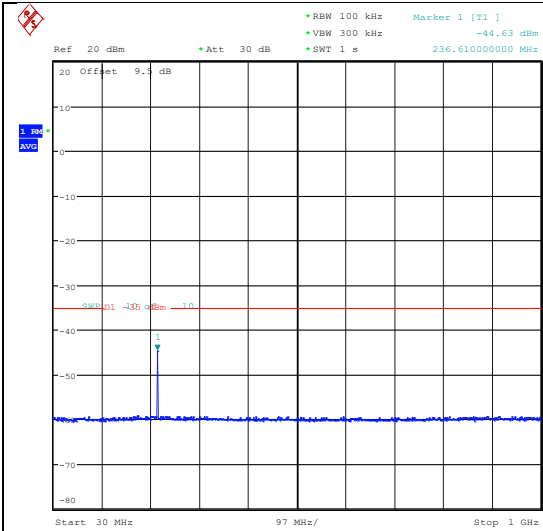
Date: 21.SEP.2024 15:59:35

Band7-20MHz-QPSK-21350-1RB#0-0.009~0.15-P  
ASS



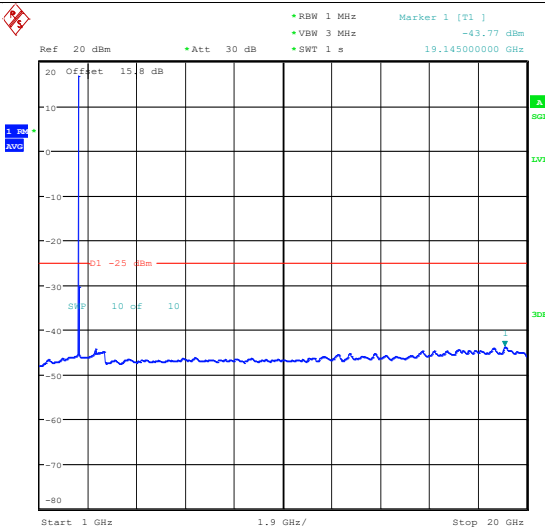
Date: 21.SEP.2024 15:59:50

Band7-20MHz-QPSK-21350-1RB#0-0.15~30-PAS  
S



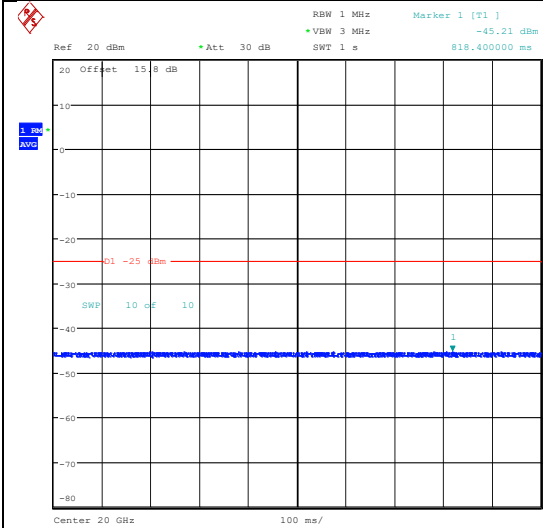
Date: 21.SEP.2024 16:00:03

Band7-20MHz-QPSK-21350-1RB#0-30~1000-PA  
SS



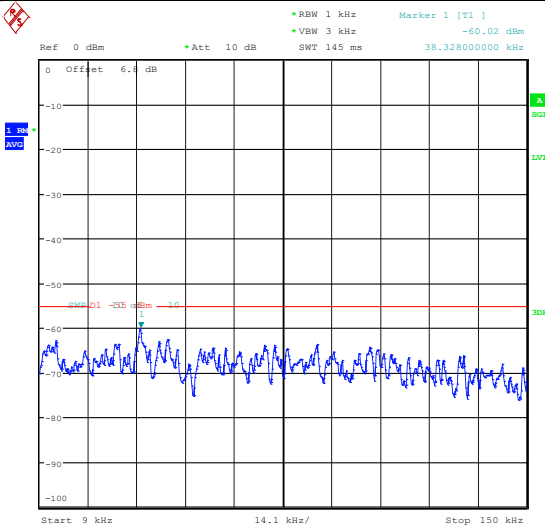
Date: 21.SEP.2024 16:00:18

Band7-20MHz-QPSK-21350-1RB#0-1000~20000-  
PASS



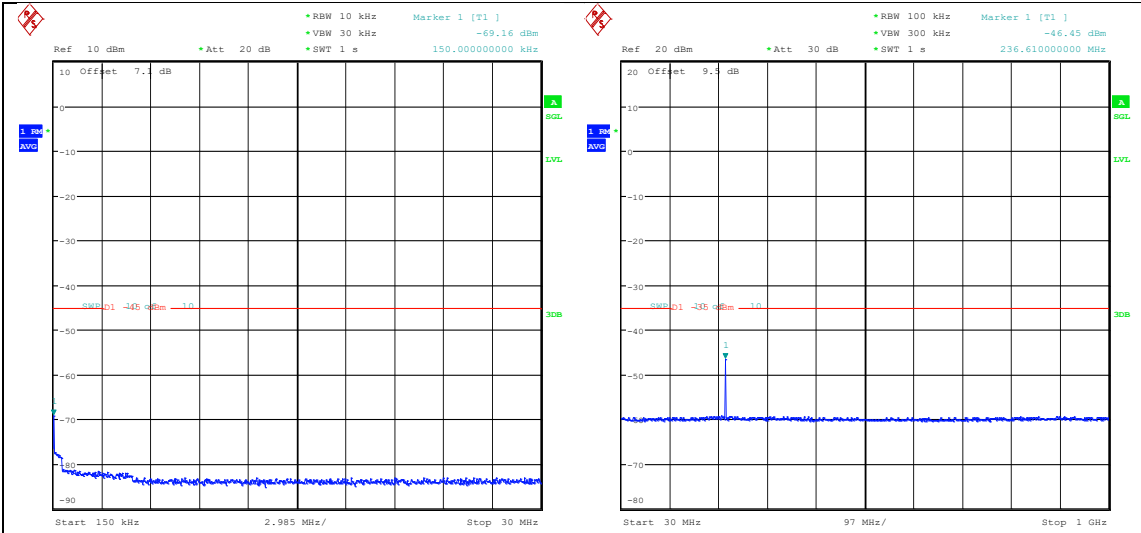
Date: 21.SEP.2024 16:00:43

Band7-20MHz-QPSK-21350-1RB#0-20000~2700  
0-PASS



Date: 21.SEP.2024 16:00:53

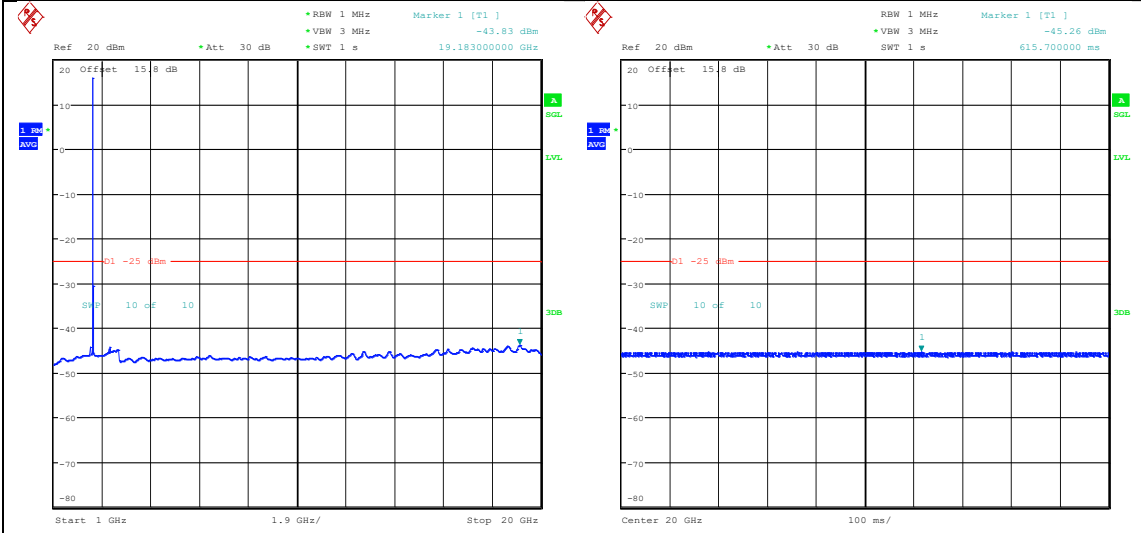
Band7-20MHz-16QAM-21350-1RB#0-0.009~0.15-  
PASS



Date: 21.SEP.2024 16:01:08

Date: 21.SEP.2024 16:01:22

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Band7-20MHz-16QAM-21350-1RB#0-0.15~30-PA | Band7-20MHz-16QAM-21350-1RB#0-30~1000-PA |
| SS                                       | SS                                       |



Date: 21.SEP.2024 16:01:36

Date: 21.SEP.2024 16:02:01

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Band7-20MHz-16QAM-21350-1RB#0-1000~2000 | Band7-20MHz-16QAM-21350-1RB#0-20000~270 |
| 0-PASS                                  | 00-PASS                                 |

## Appendix F: Frequency Stability

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|       |           |            |         |              | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0       | VN            | NT               | 14.96          | 0.005978        | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0       | VL            | NT               | 25.65          | 0.010250        | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0       | VH            | NT               | 41.90          | 0.016743        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0       | VN            | NT               | 42.03          | 0.016795        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0       | VL            | NT               | 29.00          | 0.011588        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0       | VH            | NT               | 55.80          | 0.022298        | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0       | VN            | NT               | -9.91          | -0.003909       | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0       | VL            | NT               | 31.53          | 0.012438        | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0       | VH            | NT               | 46.56          | 0.018367        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0       | VN            | NT               | 31.07          | 0.012256        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0       | VL            | NT               | 47.22          | 0.018627        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0       | VH            | NT               | -11.64         | -0.004592       | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0       | VN            | NT               | -29.90         | -0.011646       | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0       | VL            | NT               | -31.04         | -0.012090       | ±2.5        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0       | VH            | NT               | 43.27          | 0.016853        | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0       | VN            | NT               | -28.64         | -0.011155       | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0       | VL            | NT               | -11.47         | -0.004467       | ±2.5        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0       | VH            | NT               | -49.51         | -0.019283       | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0       | VN            | NT               | 42.93          | 0.017138        | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0       | VL            | NT               | 57.41          | 0.022918        | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0       | VH            | NT               | 31.00          | 0.012375        | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0       | VN            | NT               | -13.33         | -0.005321       | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0       | VL            | NT               | -20.91         | -0.008347       | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0       | VH            | NT               | 48.57          | 0.019389        | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0       | VN            | NT               | -14.15         | -0.005582       | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0       | VL            | NT               | -6.98          | -0.002753       | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0       | VH            | NT               | 8.04           | 0.003172        | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0       | VN            | NT               | -11.40         | -0.004497       | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0       | VL            | NT               | 20.38          | 0.008039        | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0       | VH            | NT               | 37.34          | 0.014730        | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0       | VN            | NT               | -22.67         | -0.008838       | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0       | VL            | NT               | -23.66         | -0.009224       | ±2.5        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0       | VH            | NT               | -27.19         | -0.010600       | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0       | VN            | NT               | 27.57          | 0.010749        | ±2.5        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0       | VL            | NT               | 11.10          | 0.004327        | ±2.5        | PASS    |

|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | VH | NT | 11.63  | 0.004534  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VN | NT | -63.80 | -0.025444 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VL | NT | 9.74   | 0.003884  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | VH | NT | 10.81  | 0.004311  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VN | NT | 48.65  | 0.019402  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VL | NT | 25.43  | 0.010142  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | VH | NT | 48.48  | 0.019334  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VN | NT | -15.15 | -0.005976 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VL | NT | 22.77  | 0.008982  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | VH | NT | 54.52  | 0.021507  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VN | NT | 48.94  | 0.019306  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VL | NT | 19.66  | 0.007755  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | VH | NT | 31.34  | 0.012363  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VN | NT | -21.11 | -0.008238 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VL | NT | -31.74 | -0.012386 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | VH | NT | -44.33 | -0.017300 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VN | NT | -70.41 | -0.027477 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VL | NT | 14.05  | 0.005483  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | VH | NT | -18.17 | -0.007091 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VN | NT | 9.60   | 0.003825  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VL | NT | 17.80  | 0.007092  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | VH | NT | 10.96  | 0.004367  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | 8.68   | 0.003458  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | 17.70  | 0.007052  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | 7.08   | 0.002821  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VN | NT | 8.68   | 0.003424  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VL | NT | -6.58  | -0.002596 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | VH | NT | -8.08  | -0.003187 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | 8.55   | 0.003373  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | 3.39   | 0.001337  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | -14.18 | -0.005594 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VN | NT | -9.98  | -0.003898 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VL | NT | -11.19 | -0.004371 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | VH | NT | 10.31  | 0.004027  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | -3.72  | -0.001453 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | 10.46  | 0.004086  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | -12.95 | -0.005059 | ±2.5 | PASS |

| Temperature |           |            |         |                  |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |

|       |      |       |       |        |    |     |        |           |      |      |
|-------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | -30 | -12.69 | -0.005071 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | -20 | -7.25  | -0.002897 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | -10 | 8.75   | 0.003497  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 0   | 27.65  | 0.011049  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 10  | 29.01  | 0.011592  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 20  | 49.85  | 0.019920  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 30  | 14.53  | 0.005806  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 40  | -12.82 | -0.005123 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0 | NV | 50  | 12.75  | 0.005095  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -30 | 31.97  | 0.012775  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -20 | 50.34  | 0.020116  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -10 | 10.79  | 0.004312  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 0   | 20.13  | 0.008044  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 10  | 33.50  | 0.013387  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 20  | 49.32  | 0.019708  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 30  | 21.36  | 0.008535  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 40  | 34.76  | 0.013890  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 50  | 19.00  | 0.007592  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | -30 | 14.20  | 0.005602  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | -20 | 64.73  | 0.025535  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | -10 | 19.14  | 0.007550  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 0   | 29.58  | 0.011669  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 10  | 41.73  | 0.016462  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 20  | 51.17  | 0.020185  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 30  | 32.79  | 0.012935  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 40  | 42.31  | 0.016690  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0 | NV | 50  | 50.61  | 0.019964  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -30 | 16.37  | 0.006458  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -20 | 17.24  | 0.006801  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -10 | 27.84  | 0.010982  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 0   | 49.45  | 0.019507  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 10  | 28.72  | 0.011329  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 20  | 28.01  | 0.011049  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 30  | 36.95  | 0.014576  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 40  | 30.87  | 0.012178  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 50  | 24.33  | 0.009598  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | -30 | 36.09  | 0.014056  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | -20 | 15.11  | 0.005885  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | -10 | -25.61 | -0.009975 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | 0   | -48.35 | -0.018832 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | 10  | -23.72 | -0.009239 | ±2.5 | PASS |

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 20  | -43.60 | -0.016981 | ±2.5 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 30  | -11.16 | -0.004347 | ±2.5 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 40  | 42.97  | 0.016736  | ±2.5 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0 | NV | 50  | 27.08  | 0.010547  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -30 | -62.47 | -0.024331 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -20 | -15.89 | -0.006189 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | -10 | 34.07  | 0.013270  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 0   | 15.26  | 0.005944  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 10  | -14.45 | -0.005628 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 20  | -15.19 | -0.005916 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 30  | -17.65 | -0.006874 | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 40  | 19.97  | 0.007778  | ±2.5 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0 | NV | 50  | -10.59 | -0.004125 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -30 | 48.94  | 0.019537  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -20 | 29.28  | 0.011689  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | -10 | 41.13  | 0.016419  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 0   | 45.52  | 0.018172  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 10  | -54.85 | -0.021896 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 20  | 43.85  | 0.017505  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 30  | 41.00  | 0.016367  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 40  | 47.78  | 0.019074  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0 | NV | 50  | -21.64 | -0.008639 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -30 | -25.01 | -0.009984 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -20 | -17.12 | -0.006834 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -10 | 15.98  | 0.006379  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 0   | 29.13  | 0.011629  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 10  | 40.48  | 0.016160  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 20  | -9.86  | -0.003936 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 30  | 43.67  | 0.017433  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 40  | 16.09  | 0.006423  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 50  | 21.49  | 0.008579  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -30 | 50.68  | 0.019992  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -20 | 16.52  | 0.006517  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | -10 | 16.87  | 0.006655  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 0   | 29.57  | 0.011665  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 10  | 37.24  | 0.014690  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 20  | 55.12  | 0.021744  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 30  | 24.23  | 0.009558  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 40  | 47.49  | 0.018734  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0 | NV | 50  | 33.00  | 0.013018  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -30 | 13.13  | 0.005179  | ±2.5 | PASS |

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -20 | 12.50  | 0.004931  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -10 | 30.40  | 0.011992  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 0   | 14.56  | 0.005744  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 10  | 33.02  | 0.013026  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 20  | 36.05  | 0.014221  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 30  | 8.51   | 0.003357  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 40  | 33.57  | 0.013243  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 50  | 53.32  | 0.021034  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -30 | -40.88 | -0.015938 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -20 | -52.20 | -0.020351 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | -10 | 33.73  | 0.013150  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 0   | 11.96  | 0.004663  | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 10  | -18.61 | -0.007255 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 20  | -41.93 | -0.016347 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 30  | -64.04 | -0.024967 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 40  | -32.20 | -0.012554 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0 | NV | 50  | 11.33  | 0.004417  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -30 | -8.45  | -0.003294 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -20 | 17.07  | 0.006655  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -10 | 23.33  | 0.009096  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 0   | 30.91  | 0.012051  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 10  | 32.01  | 0.012480  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 20  | 52.59  | 0.020503  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 30  | 8.85   | 0.003450  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 40  | 19.61  | 0.007645  | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 50  | -11.72 | -0.004569 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -30 | 16.75  | 0.006680  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -20 | 25.29  | 0.010086  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | -10 | 35.42  | 0.014126  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 0   | 26.59  | 0.010604  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 10  | 32.97  | 0.013149  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 20  | -10.83 | -0.004319 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 30  | 16.38  | 0.006532  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 40  | 12.85  | 0.005125  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0 | NV | 50  | 22.69  | 0.009049  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -30 | 20.63  | 0.008227  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -20 | 44.29  | 0.017663  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -10 | -29.38 | -0.011717 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 0   | -24.69 | -0.009846 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 10  | -22.09 | -0.008810 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 20  | 27.71  | 0.011051  | ±2.5 | PASS |

|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 30  | 42.16  | 0.016814  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 40  | 6.32   | 0.002520  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | NV | 50  | 26.28  | 0.010481  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -30 | 16.68  | 0.006580  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -20 | 40.81  | 0.016099  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | -10 | 13.05  | 0.005148  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 0   | 30.40  | 0.011992  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 10  | 47.02  | 0.018548  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 20  | 25.32  | 0.009988  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 30  | 33.69  | 0.013290  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 40  | 19.60  | 0.007732  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | NV | 50  | 34.60  | 0.013649  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -30 | 47.02  | 0.018548  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -20 | 48.84  | 0.019266  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | -10 | 21.01  | 0.008288  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 0   | 46.39  | 0.018300  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 10  | 28.65  | 0.011302  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 20  | 35.45  | 0.013984  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 30  | 19.57  | 0.007720  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 40  | 37.57  | 0.014821  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | NV | 50  | 52.96  | 0.020892  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -30 | -13.99 | -0.005460 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -20 | -32.76 | -0.012784 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | -10 | -17.65 | -0.006888 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 0   | -35.22 | -0.013744 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 10  | 26.31  | 0.010267  | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 20  | -14.72 | -0.005744 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 30  | -44.36 | -0.017311 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 40  | -30.36 | -0.011848 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | NV | 50  | -22.95 | -0.008956 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -30 | -31.10 | -0.012137 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -20 | -42.64 | -0.016640 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | -10 | 43.59  | 0.017011  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 0   | 20.20  | 0.007883  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 10  | 14.83  | 0.005787  | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 20  | -11.33 | -0.004421 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 30  | -16.91 | -0.006599 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 40  | -15.15 | -0.005912 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | NV | 50  | -16.38 | -0.006392 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -30 | 13.45  | 0.005359  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -20 | 9.26   | 0.003689  | ±2.5 | PASS |

|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -10 | 10.71  | 0.004267  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 0   | 12.95  | 0.005159  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 10  | 16.06  | 0.006398  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 20  | 12.95  | 0.005159  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 30  | 10.61  | 0.004227  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 40  | 7.34   | 0.002924  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 50  | 12.39  | 0.004936  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | 8.78   | 0.003498  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | 14.05  | 0.005598  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -10 | -6.77  | -0.002697 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0   | 15.13  | 0.006028  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10  | 9.31   | 0.003709  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20  | 12.95  | 0.005159  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30  | 12.22  | 0.004869  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40  | 2.50   | 0.000996  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50  | 13.40  | 0.005339  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -30 | 11.10  | 0.004379  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -20 | 7.41   | 0.002923  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -10 | 7.77   | 0.003065  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 0   | -10.76 | -0.004245 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 10  | -7.40  | -0.002919 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 20  | 8.51   | 0.003357  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 30  | -9.71  | -0.003830 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 40  | 7.42   | 0.002927  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 50  | -11.76 | -0.004639 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -15.23 | -0.006008 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -12.45 | -0.004911 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -10 | 11.20  | 0.004418  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0   | 7.40   | 0.002919  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10  | 9.00   | 0.003550  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20  | 11.90  | 0.004694  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30  | -8.21  | -0.003239 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40  | -10.54 | -0.004158 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50  | -9.16  | -0.003613 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -30 | -11.59 | -0.004527 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -20 | -13.89 | -0.005426 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -10 | 6.31   | 0.002465  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 0   | -9.01  | -0.003520 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 10  | -7.30  | -0.002852 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 20  | -10.17 | -0.003973 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 30  | 8.07   | 0.003152  | ±2.5 | PASS |

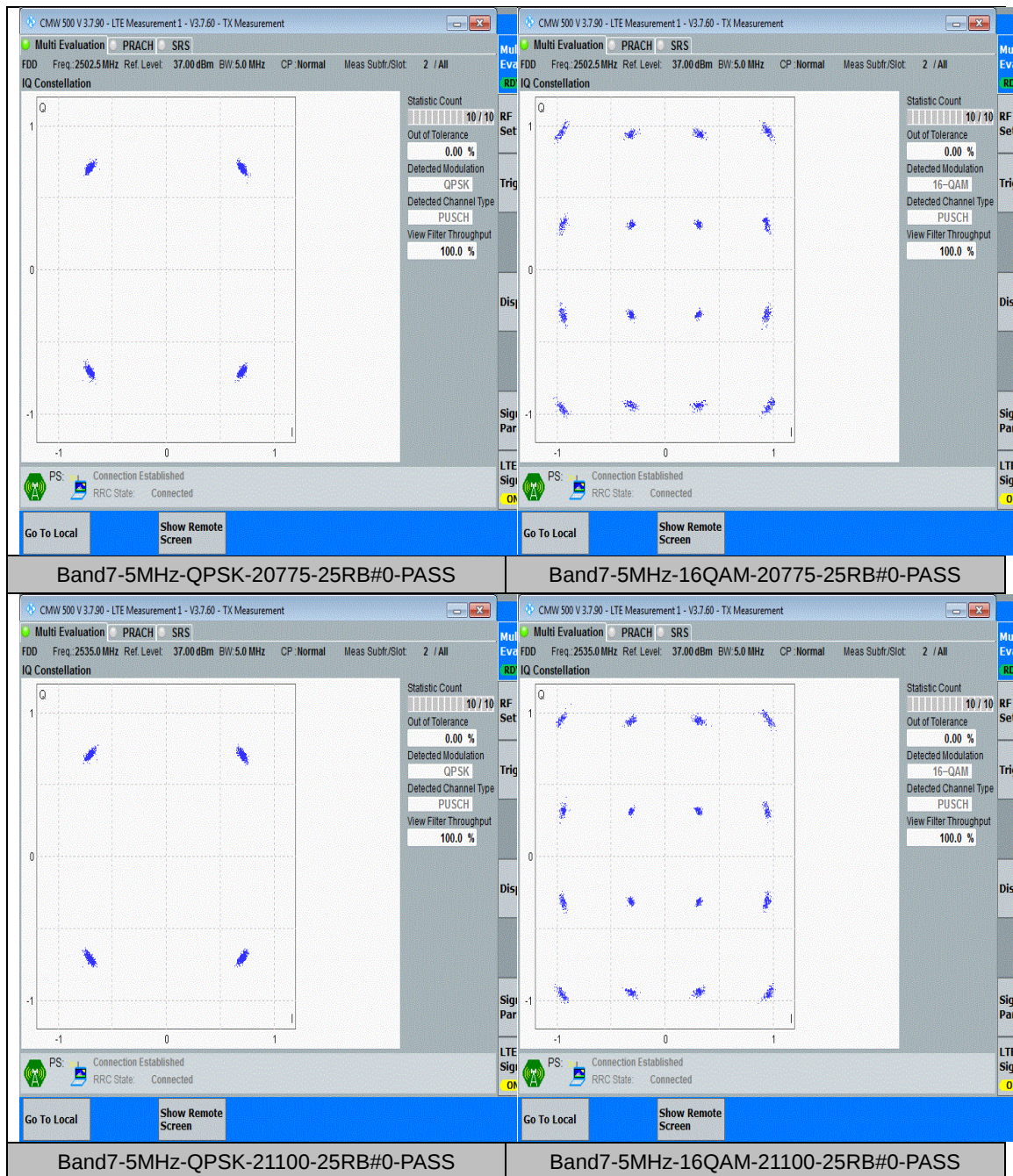
|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 40  | 14.89  | 0.005816  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 50  | 9.13   | 0.003566  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | -6.48  | -0.002531 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 7.58   | 0.002961  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -10 | -8.45  | -0.003301 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0   | 6.15   | 0.002402  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10  | 3.00   | 0.001172  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20  | -7.80  | -0.003047 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30  | 7.85   | 0.003066  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40  | -16.25 | -0.006348 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50  | 7.40   | 0.002891  | ±2.5 | PASS |

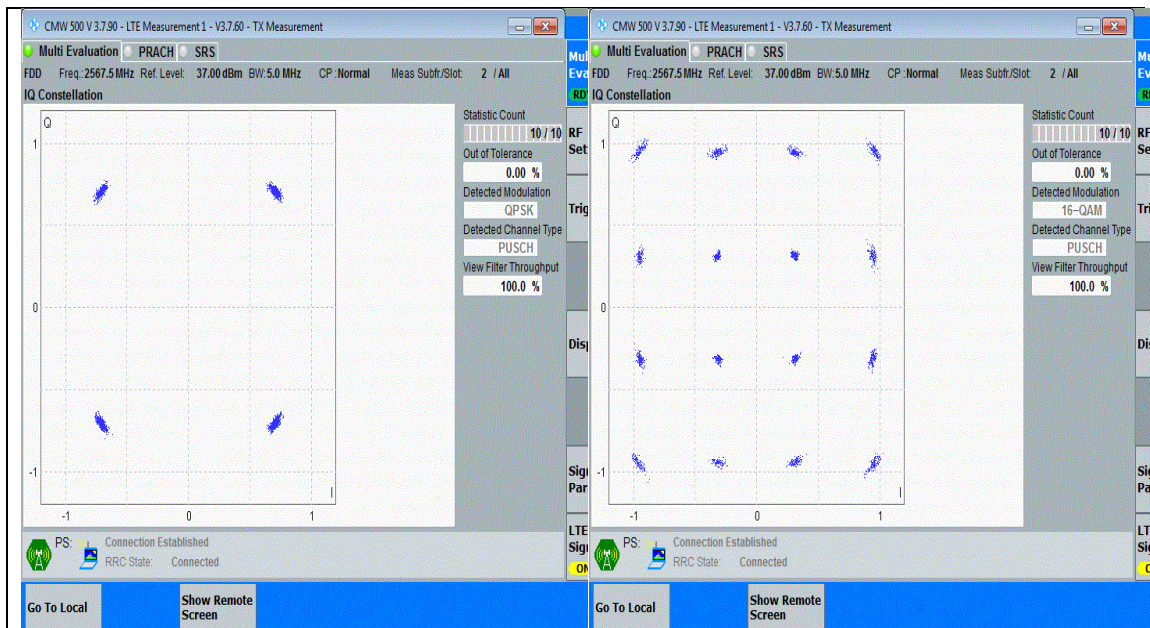
## Appendix G: Modulation Characteristics

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Verdict |
|-------|-----------|------------|---------|------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | PASS    |

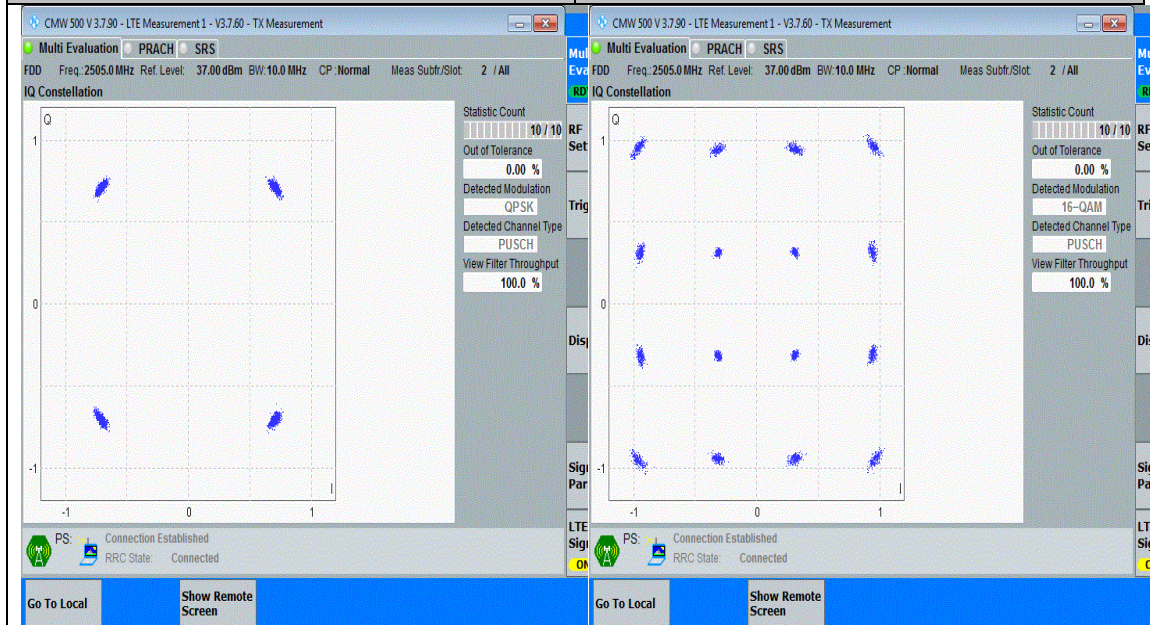
## Test Graphs





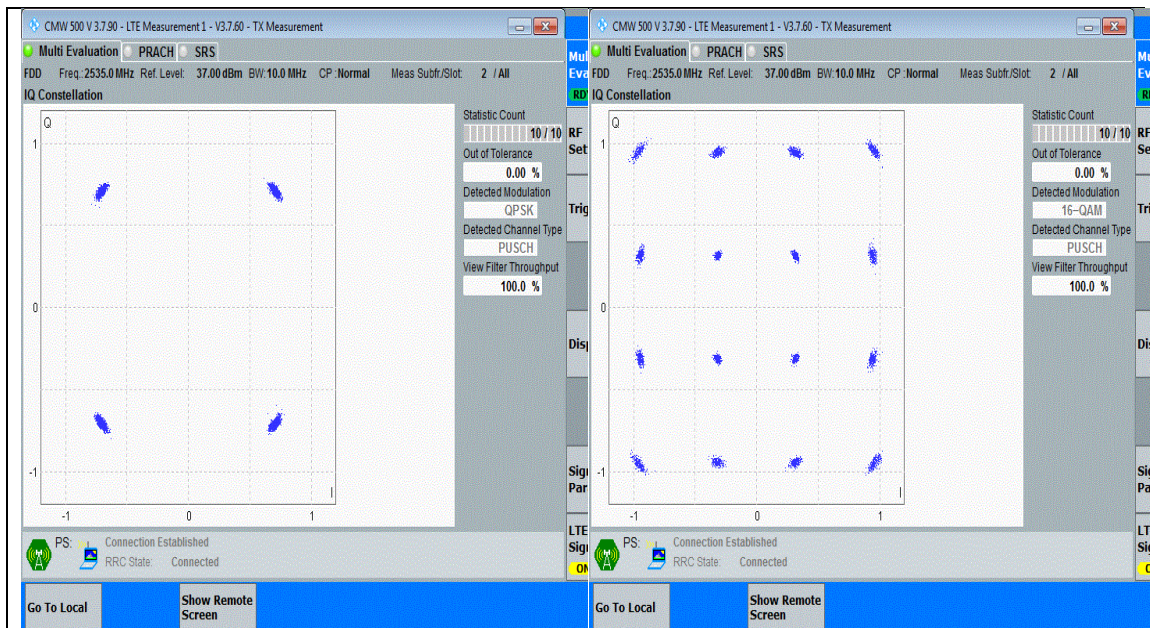
Band7-5MHz-QPSK-21425-25RB#0-PASS

Band7-5MHz-16QAM-21425-25RB#0-PASS



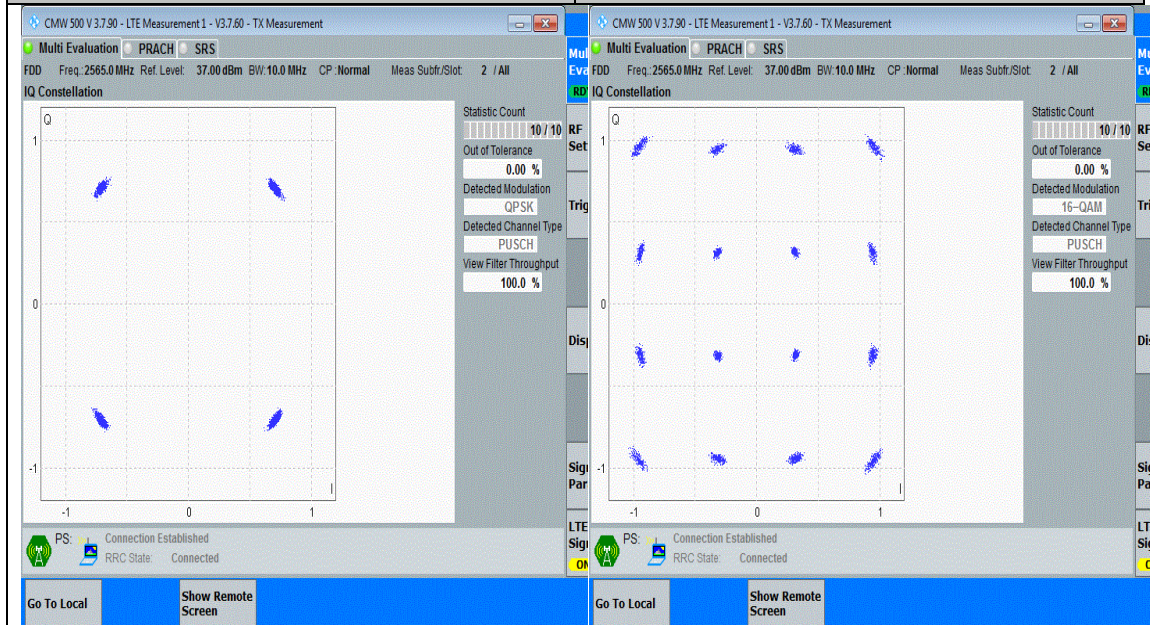
Band7-10MHz-QPSK-20800-50RB#0-PASS

Band7-10MHz-16QAM-20800-50RB#0-PASS



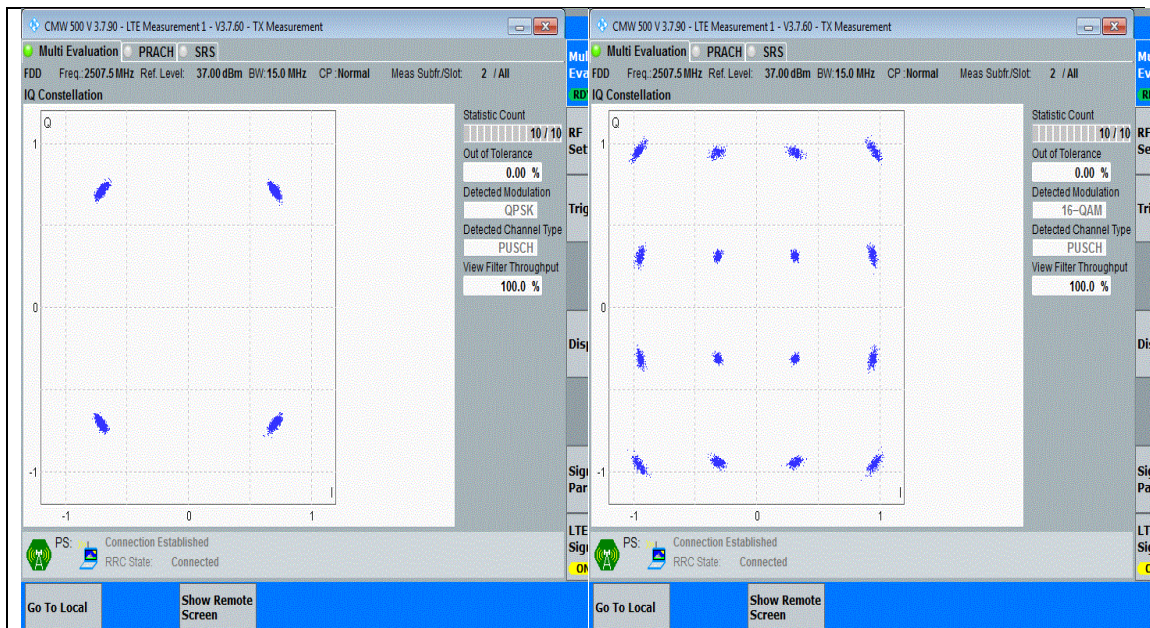
Band7-10MHz-QPSK-21100-50RB#0-PASS

Band7-10MHz-16QAM-21100-50RB#0-PASS



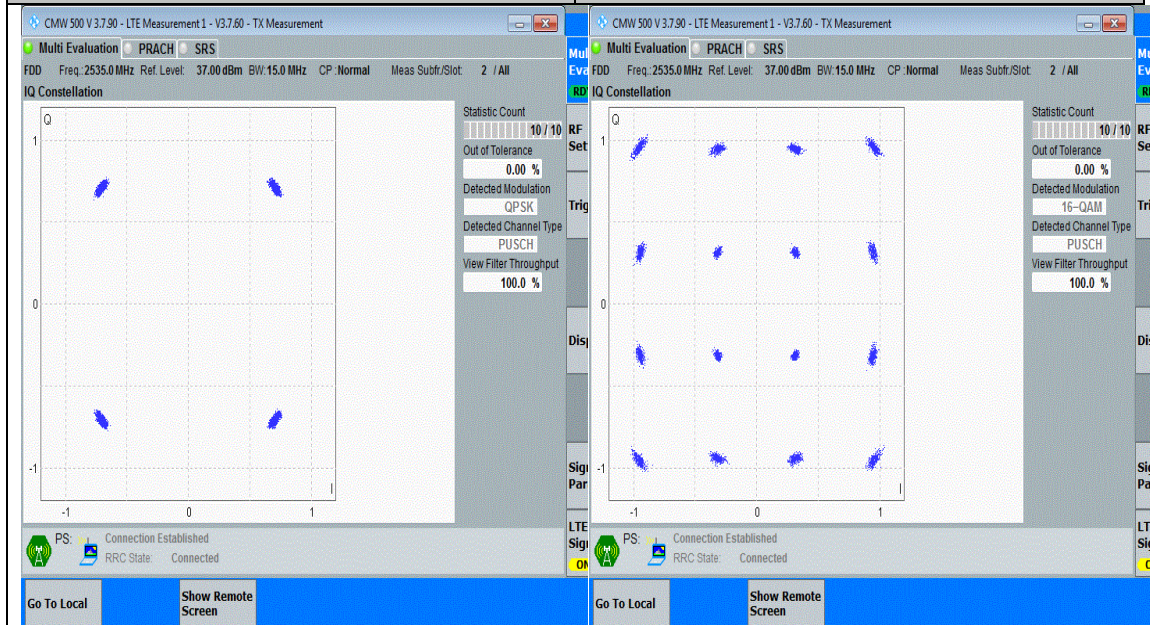
Band7-10MHz-QPSK-21400-50RB#0-PASS

Band7-10MHz-16QAM-21400-50RB#0-PASS



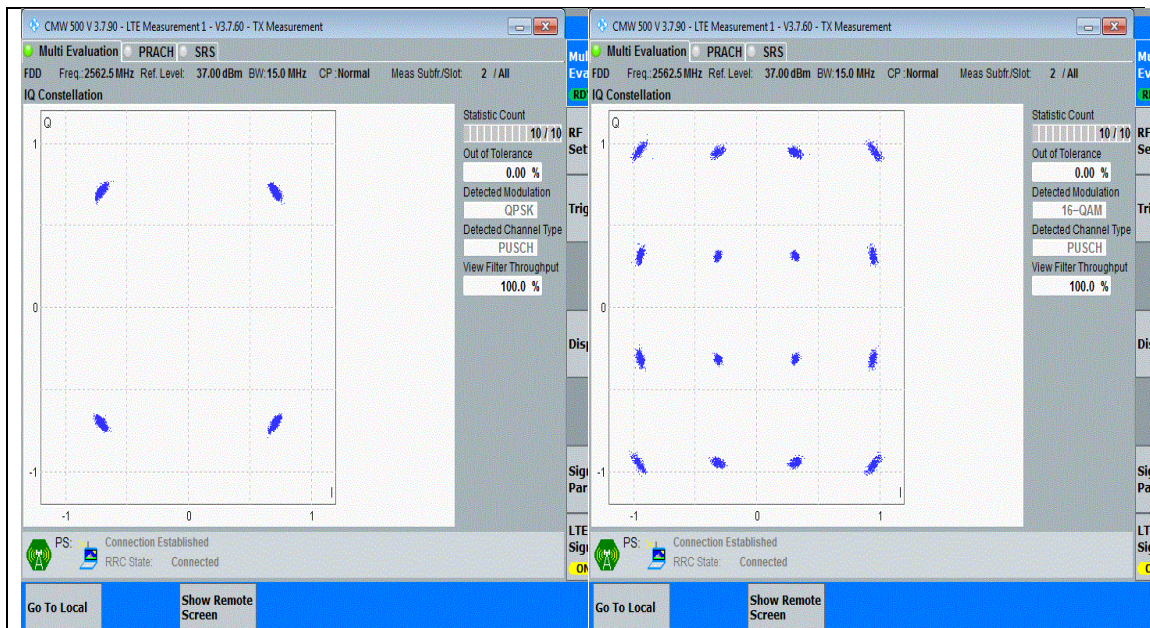
Band7-15MHz-QPSK-20825-75RB#0-PASS

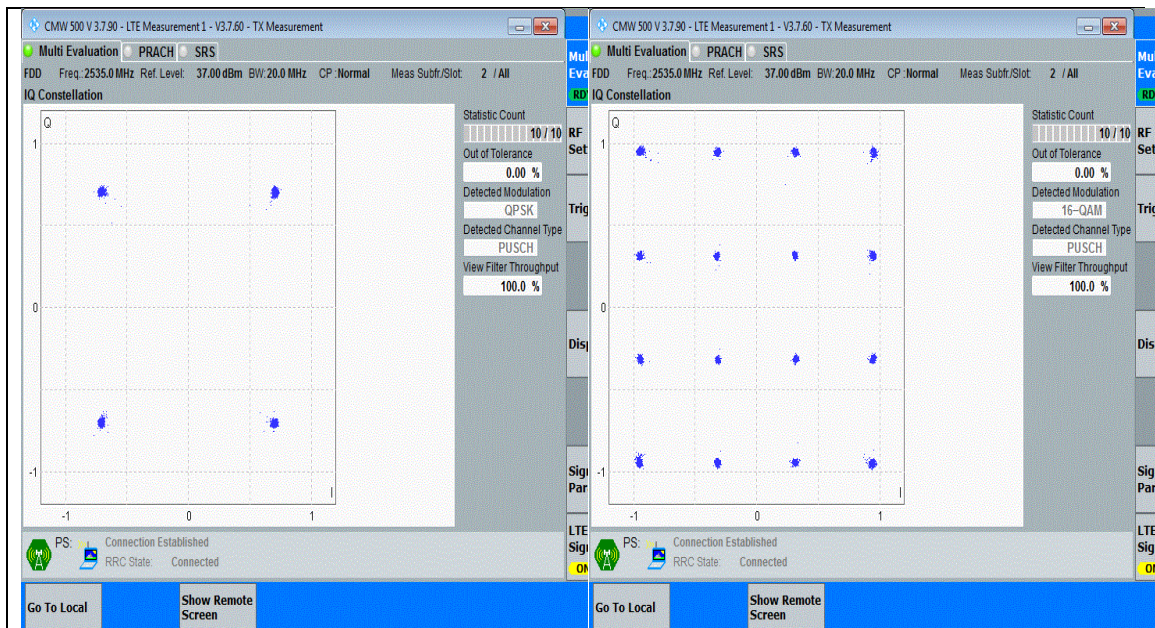
Band7-15MHz-16QAM-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-75RB#0-PASS

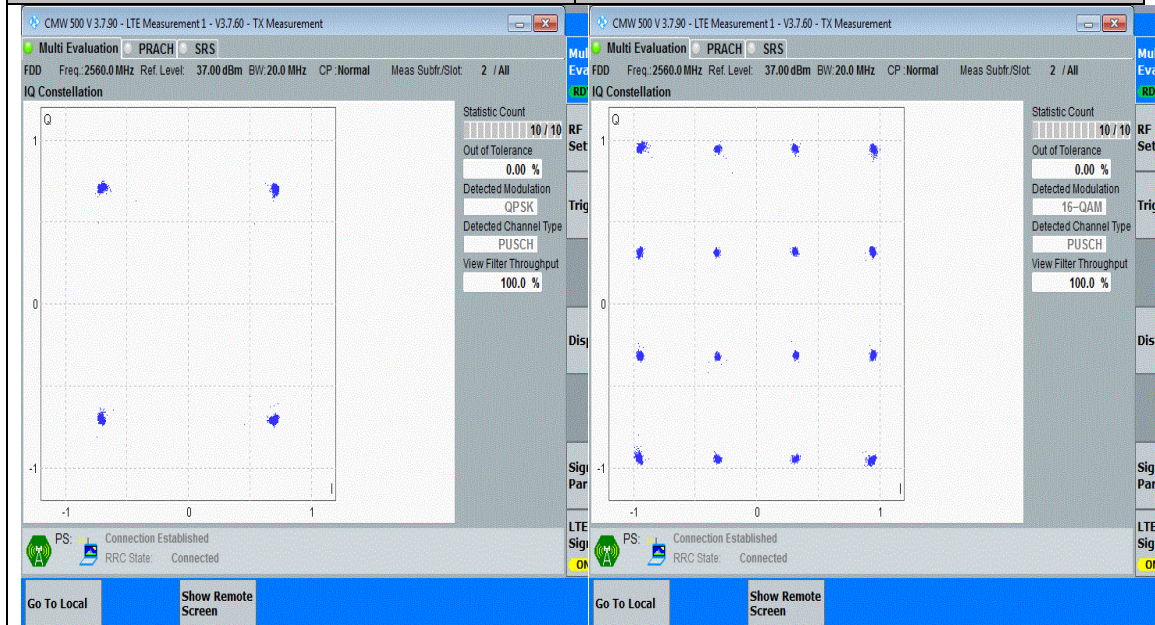
Band7-15MHz-16QAM-21100-75RB#0-PASS





Band7-20MHz-QPSK-21100-100RB#0-PASS

Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS

Band7-20MHz-16QAM-21350-100RB#0-PASS