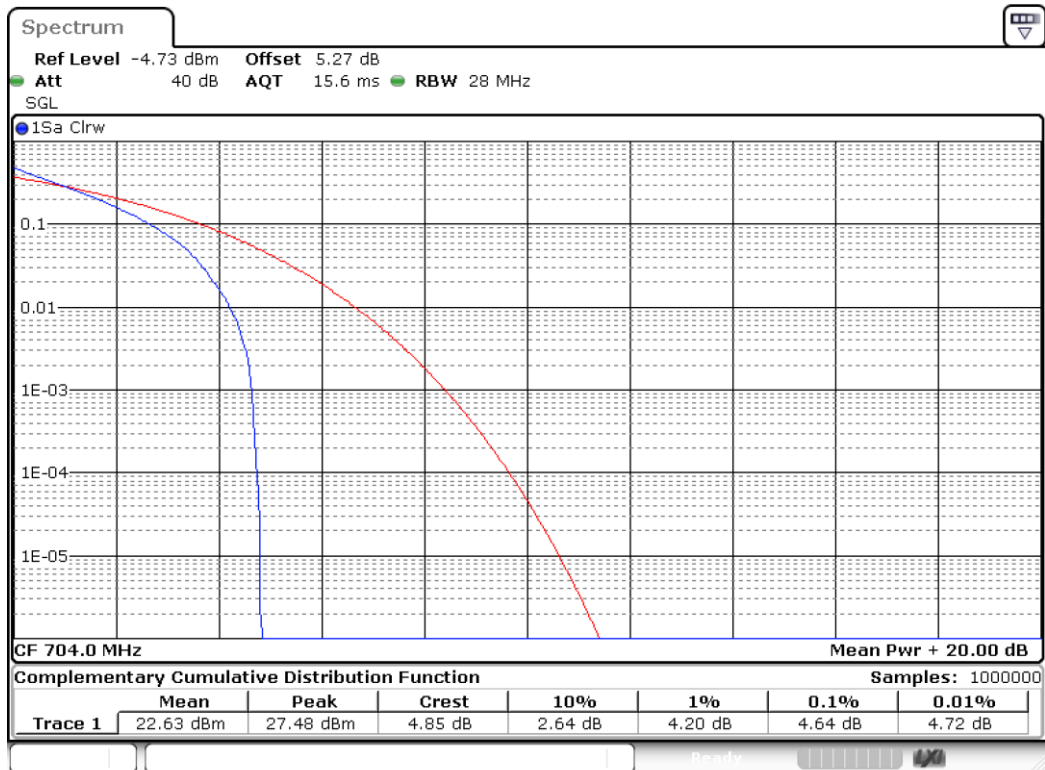
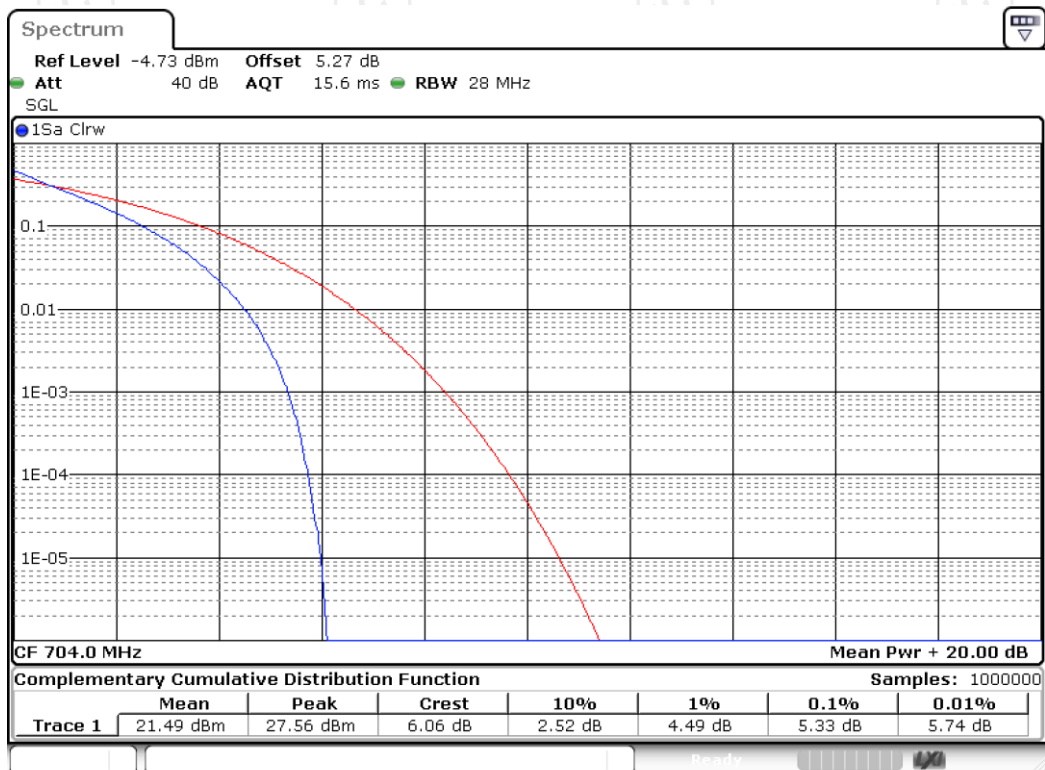


Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



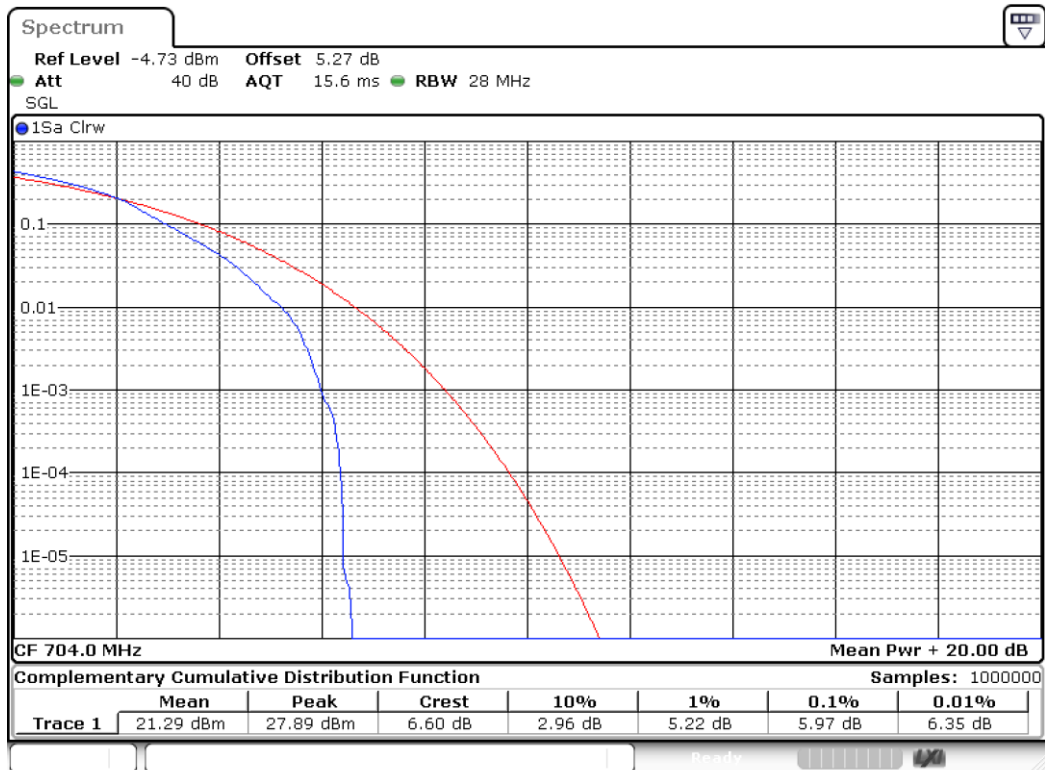
Date: 21.AUG.2023 11:43:41

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



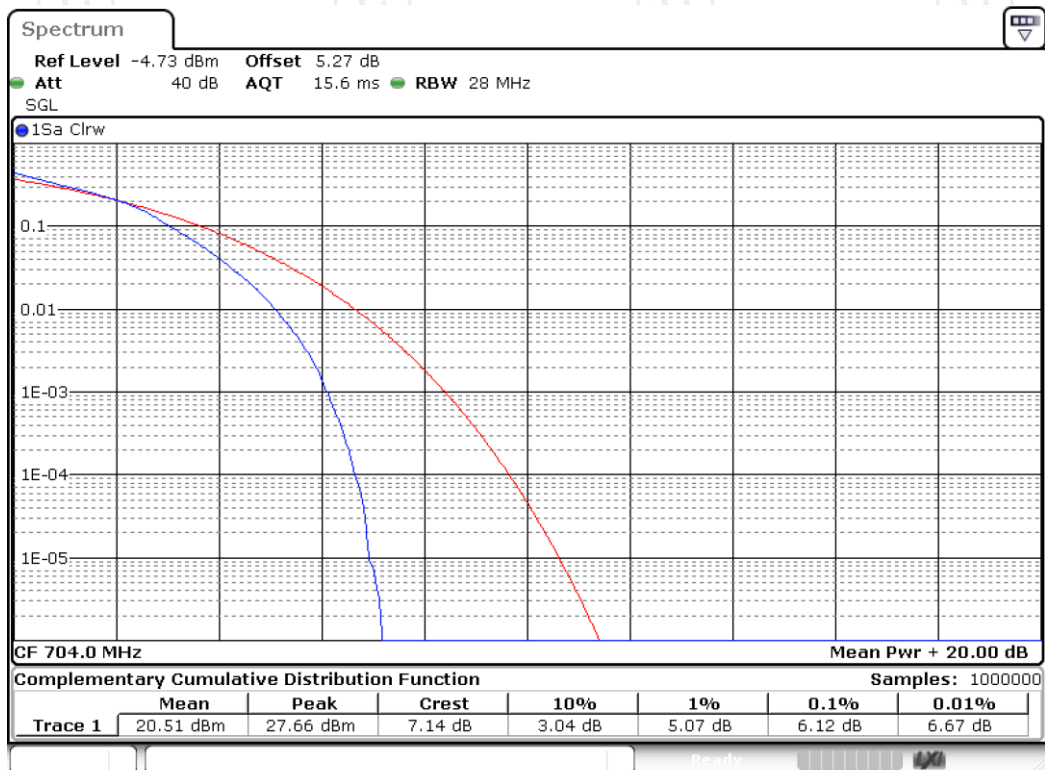
Date: 21.AUG.2023 11:43:46

Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



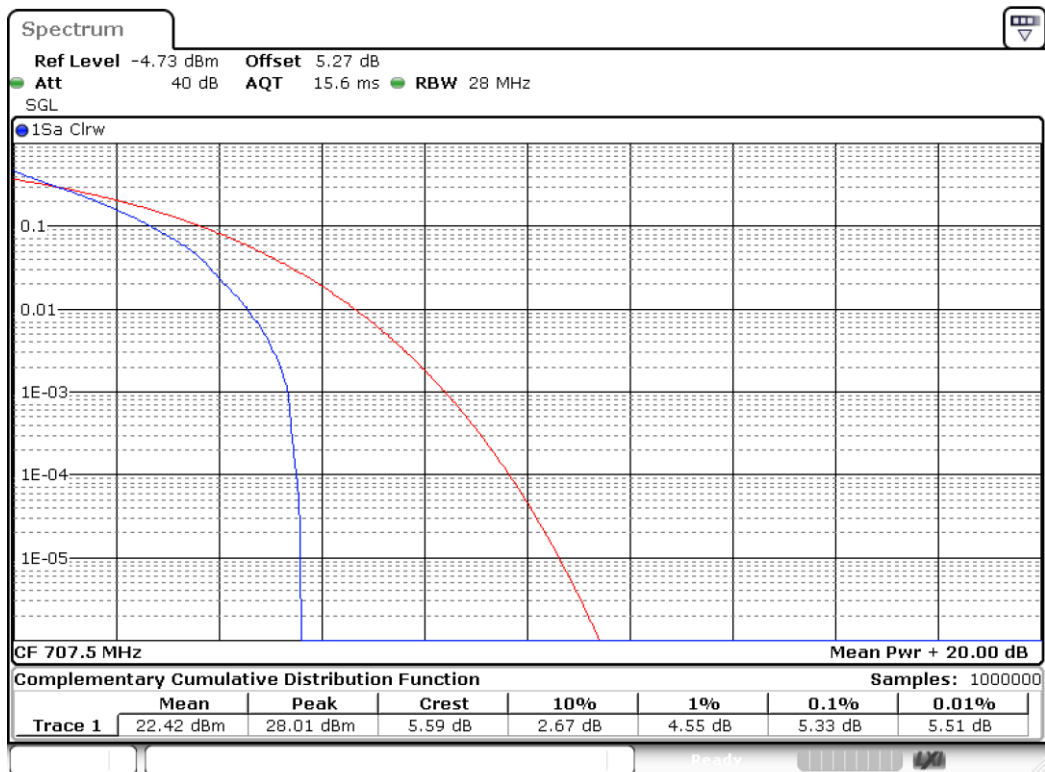
Date: 21.AUG.2023 11:43:50

Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



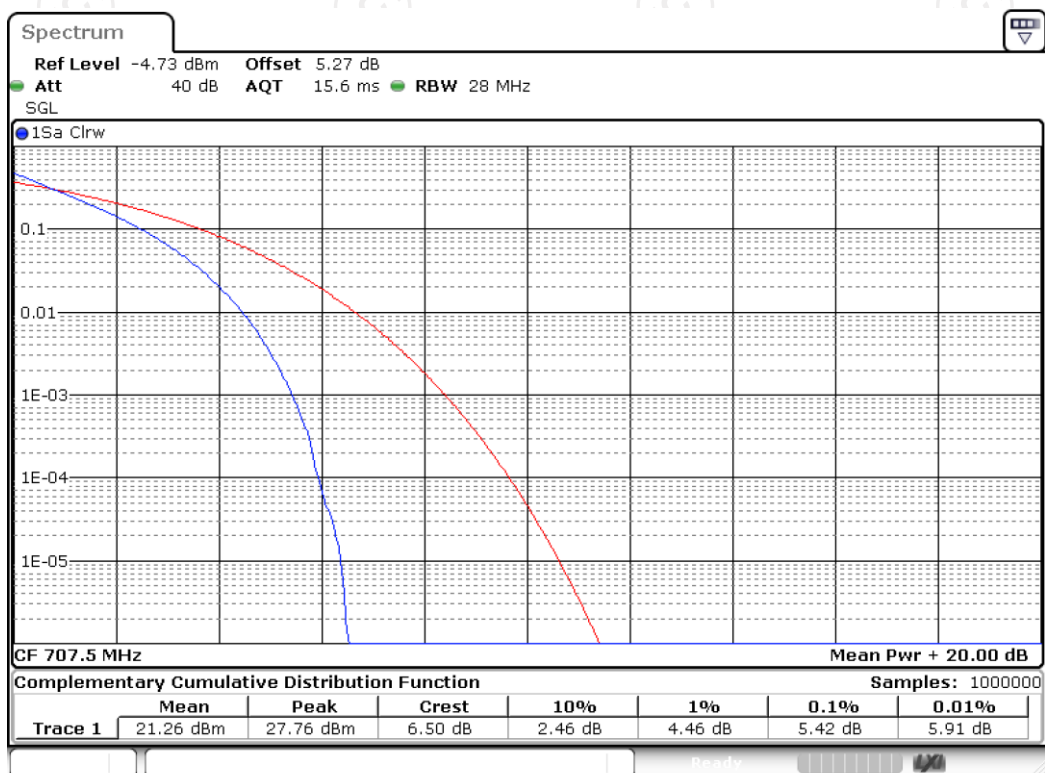
Date: 21.AUG.2023 11:43:55

Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



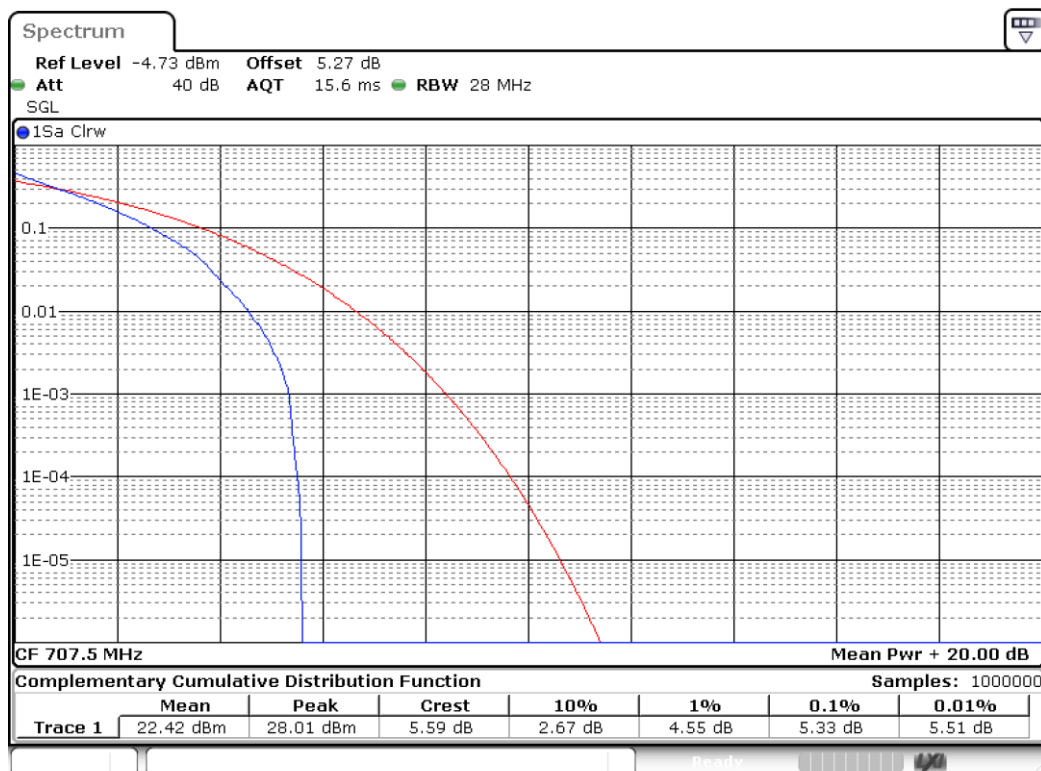
Date: 21.AUG.2023 11:43:59

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



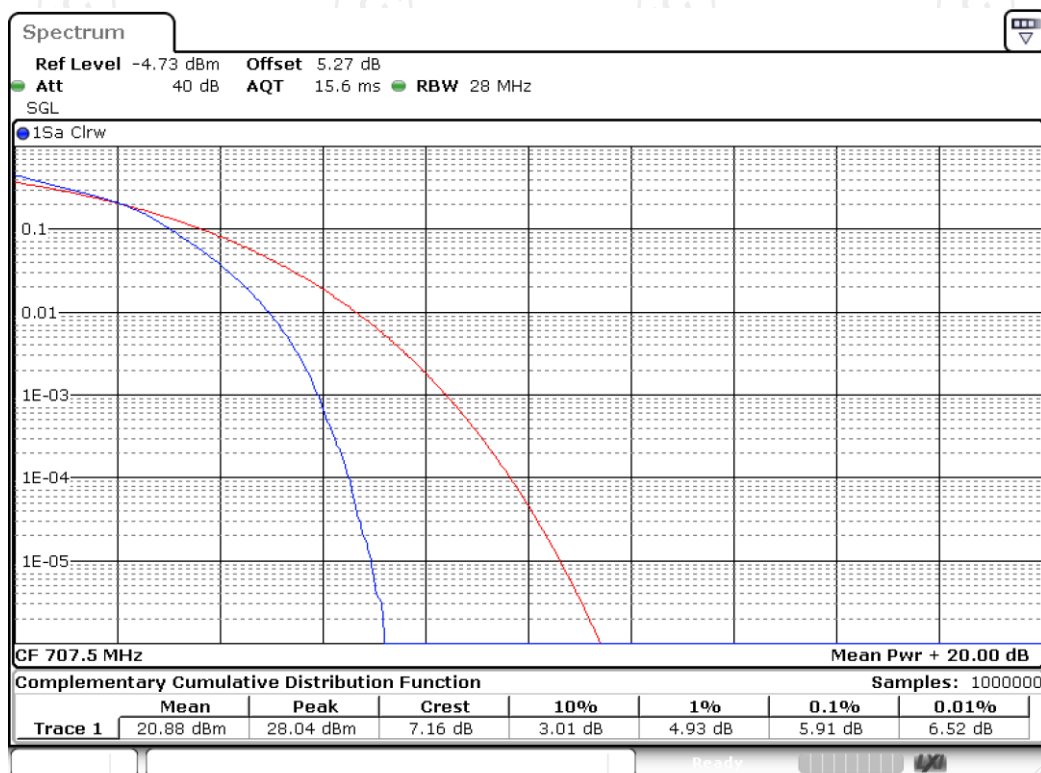
Date: 21.AUG.2023 11:44:04

Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



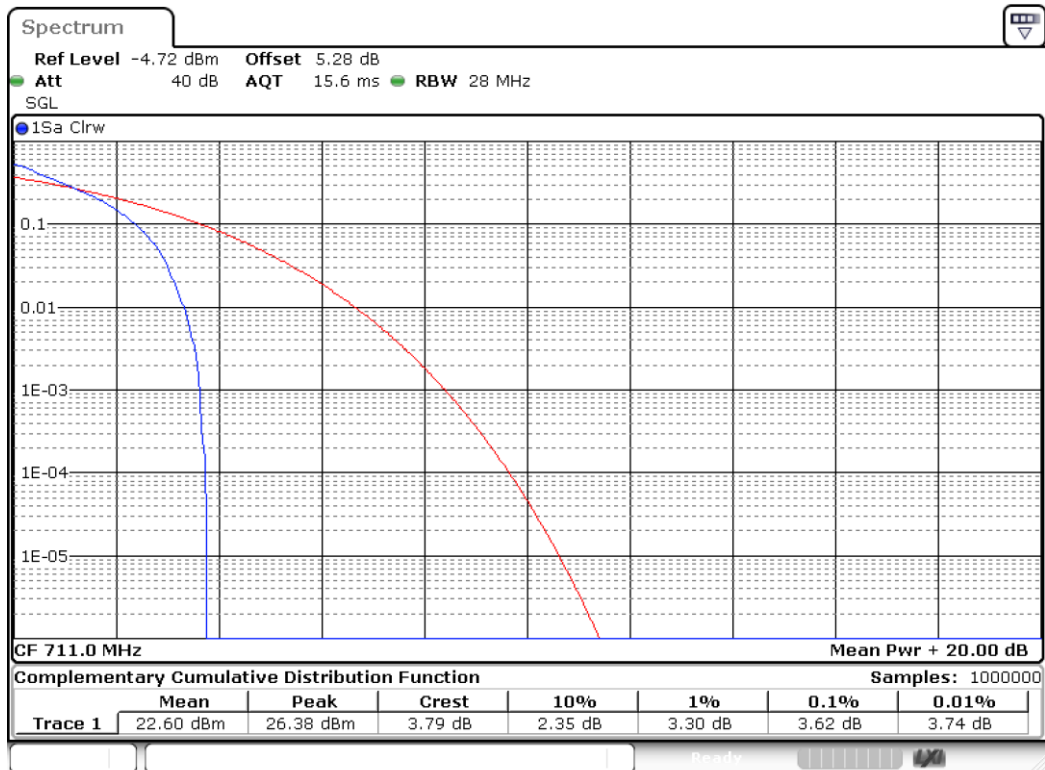
Date: 21.AUG.2023 11:43:59

Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



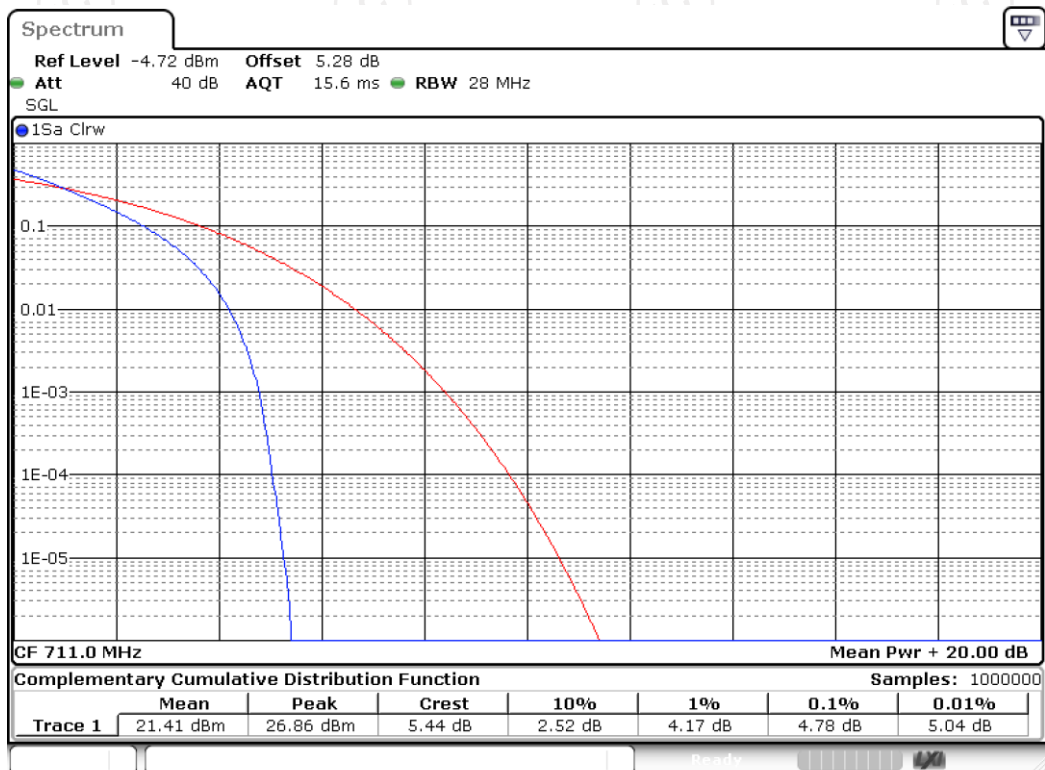
Date: 21.AUG.2023 11:44:17

Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



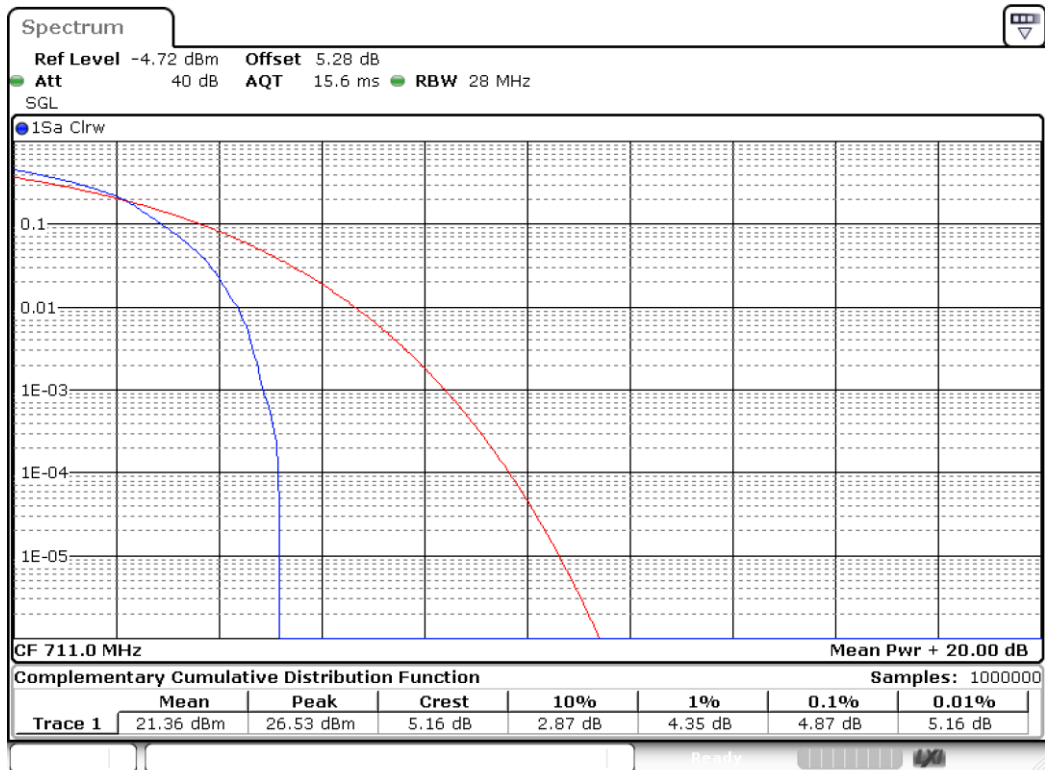
Date: 21.AUG.2023 11:44:22

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



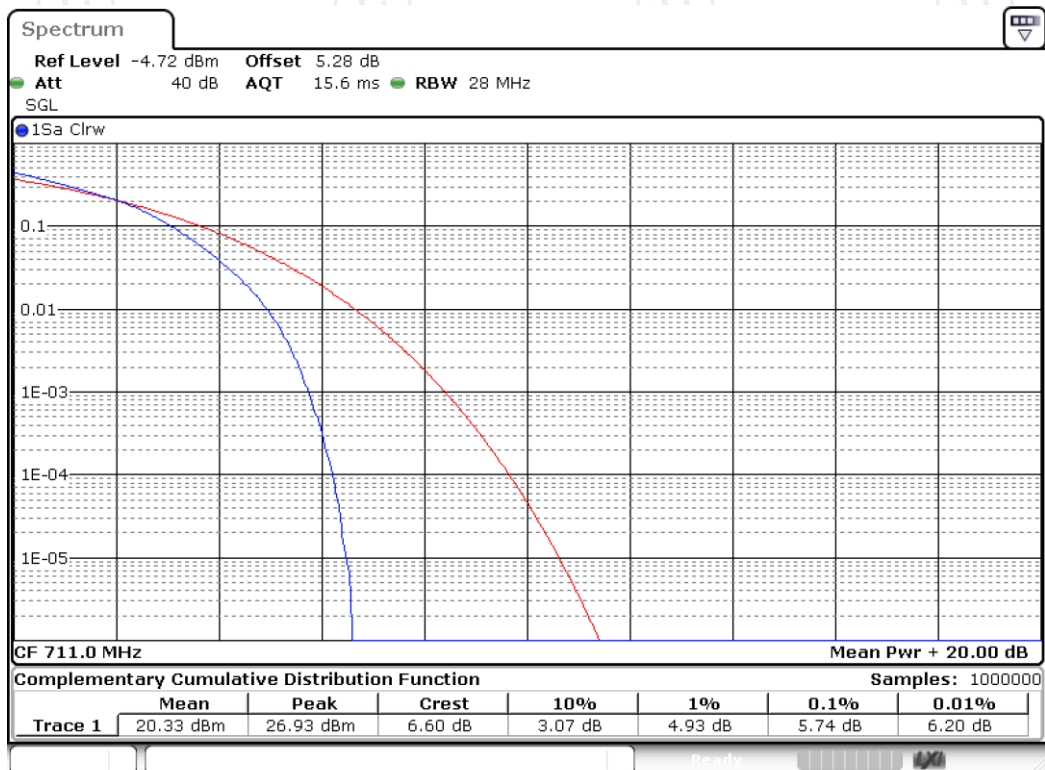
Date: 21.AUG.2023 11:44:26

Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



Date: 21.AUG.2023 11:44:30

Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

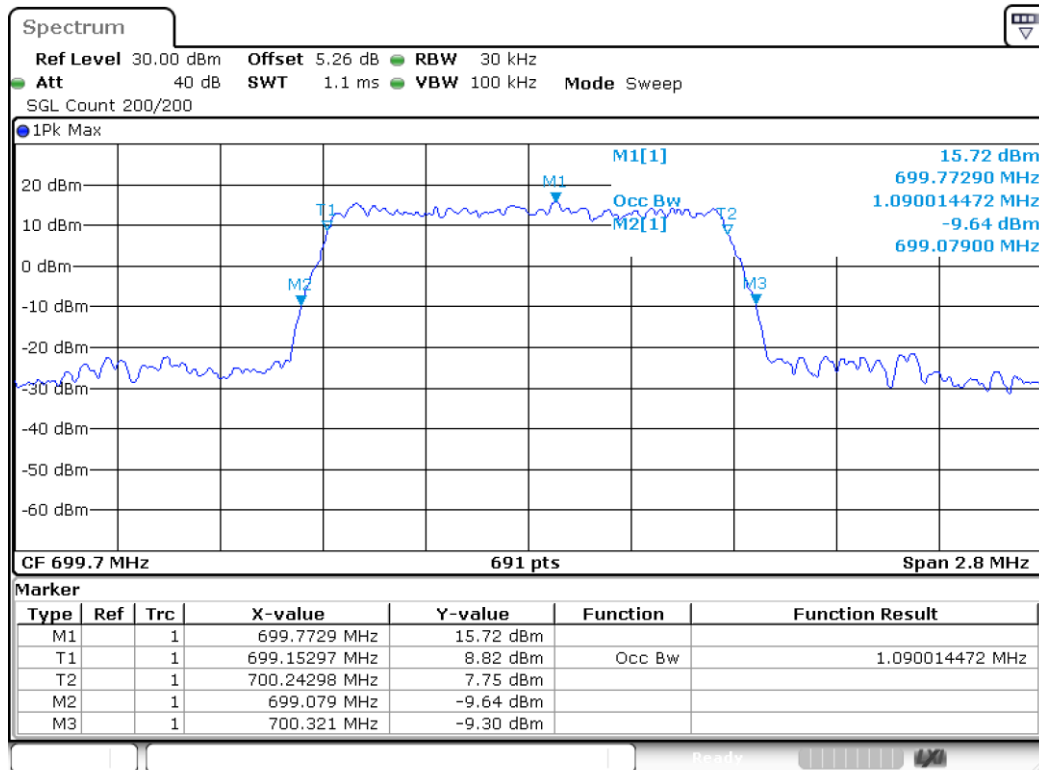


Date: 21.AUG.2023 11:44:35

**4 Occupied bandwidth**

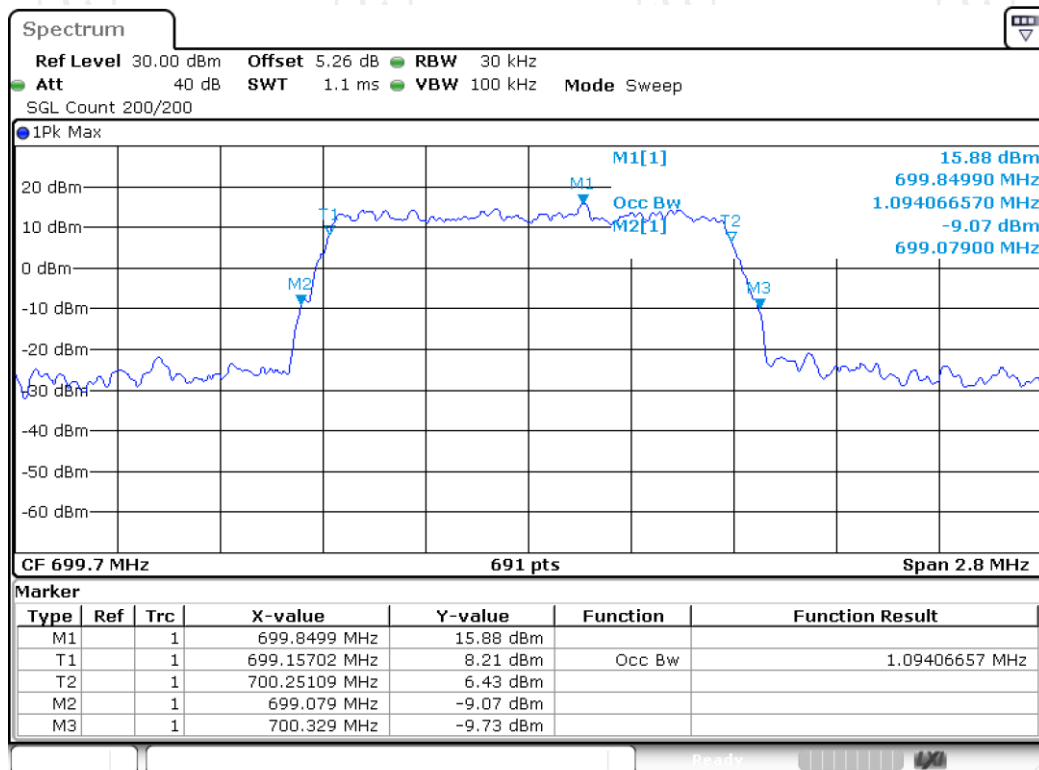
| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 1.090         | 1.242           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | 16QAM      | 1.094         | 1.250           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 1.098         | 1.250           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | 16QAM      | 1.102         | 1.246           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 1.106         | 1.518           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | 16QAM      | 1.106         | 1.303           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 2.753         | 3.070           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | 16QAM      | 2.718         | 3.096           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 2.744         | 3.096           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | 16QAM      | 2.735         | 3.061           | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | QPSK       | 2.735         | 3.113           | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | 16QAM      | 2.753         | 3.061           | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | QPSK       | 4.515         | 4.942           | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | 16QAM      | 4.501         | 4.942           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | QPSK       | 4.486         | 4.899           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | 16QAM      | 4.486         | 4.913           | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | QPSK       | 4.486         | 4.913           | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | 16QAM      | 4.472         | 4.884           | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | QPSK       | 9.030         | 9.797           | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | 16QAM      | 8.973         | 9.739           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | QPSK       | 8.973         | 9.739           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | 16QAM      | 8.973         | 9.739           | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | QPSK       | 9.001         | 9.826           | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | 16QAM      | 8.973         | 9.797           | PASS    |

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



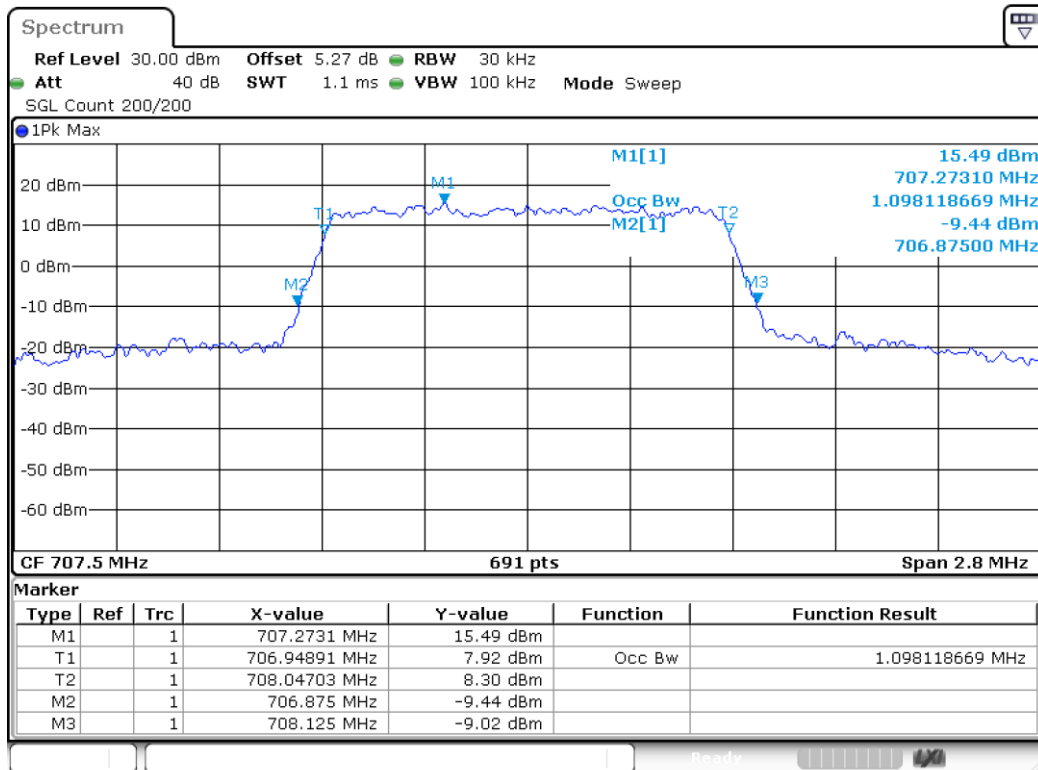
Date: 21.AUG.2023 11:44:42

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



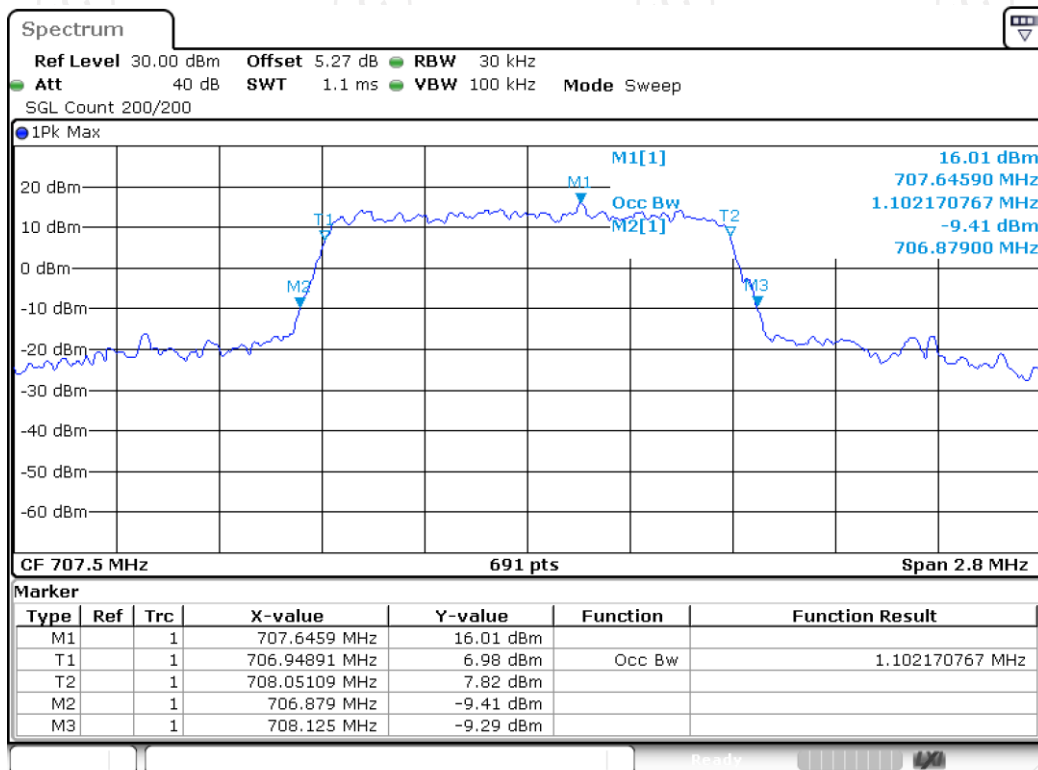
Date: 21.AUG.2023 11:44:48

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



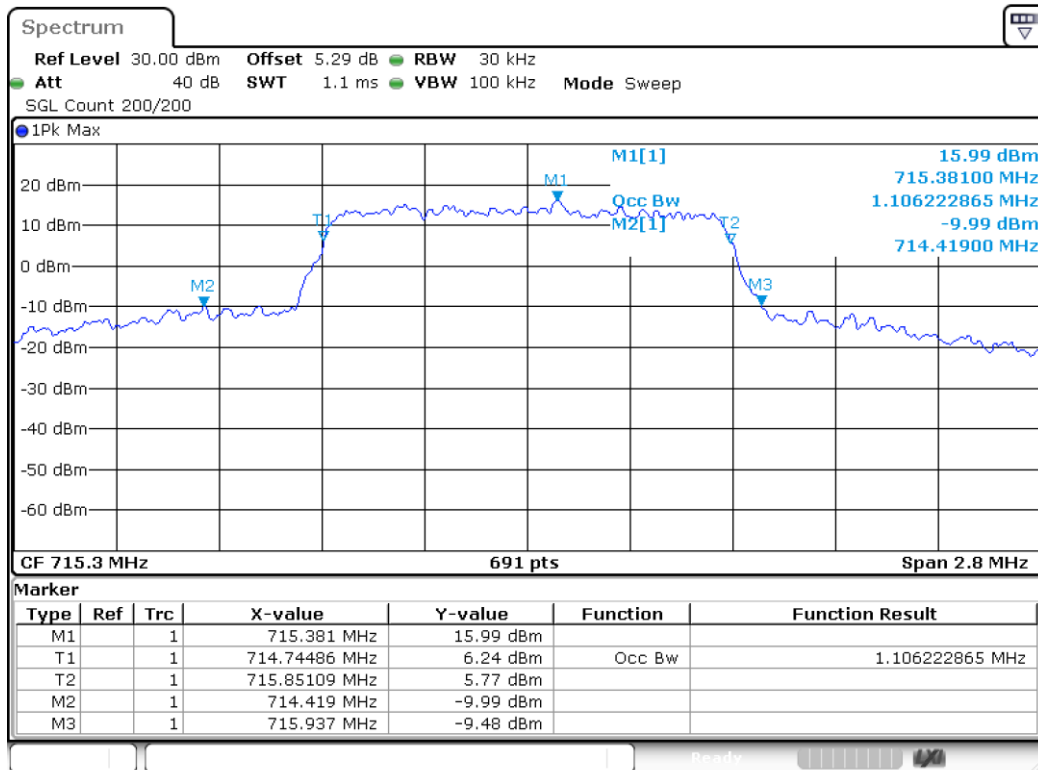
Date: 21.AUG.2023 11:44:53

Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



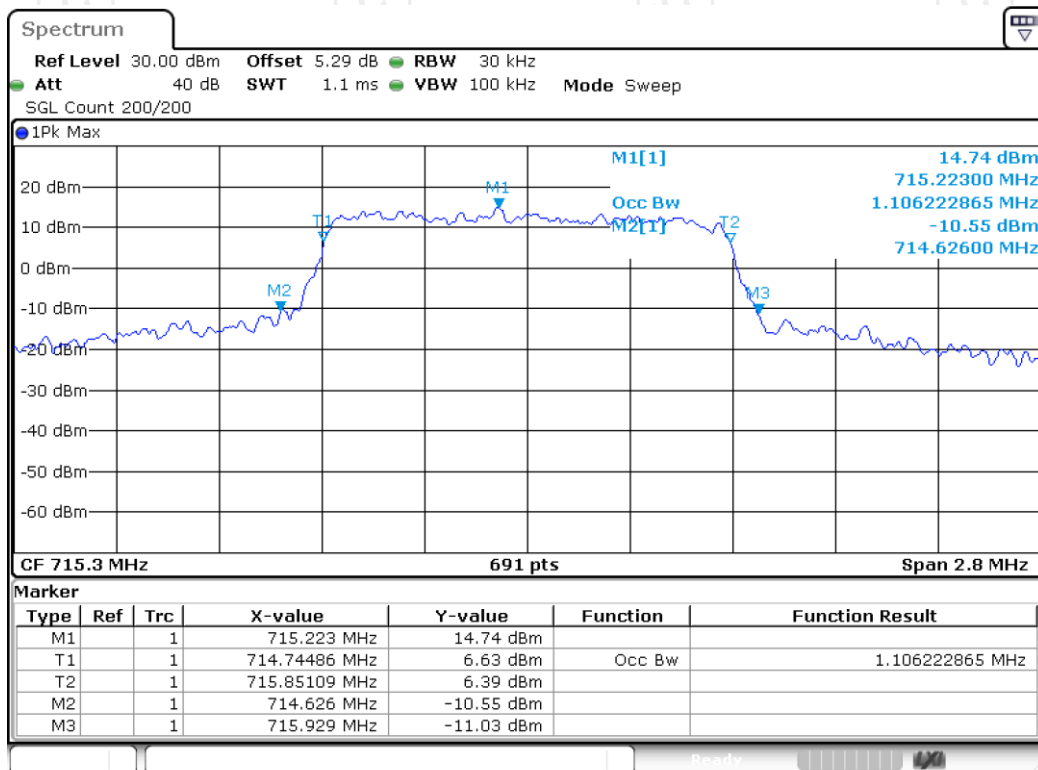
Date: 21.AUG.2023 11:44:59

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



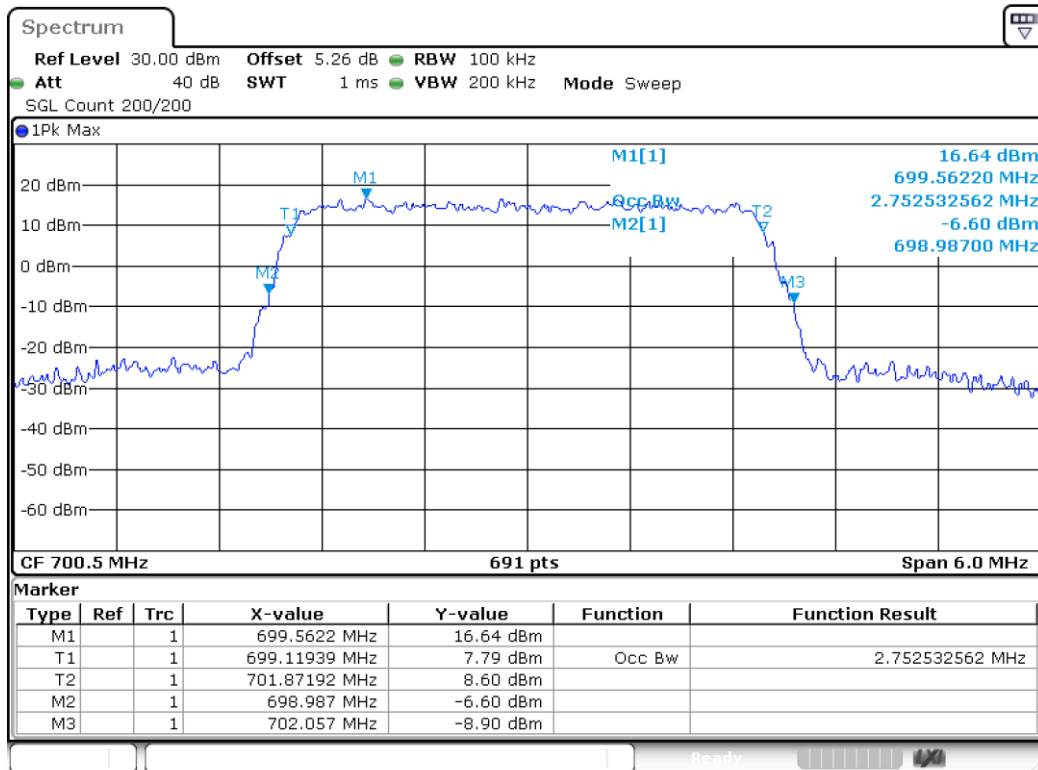
Date: 21.AUG.2023 11:45:04

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



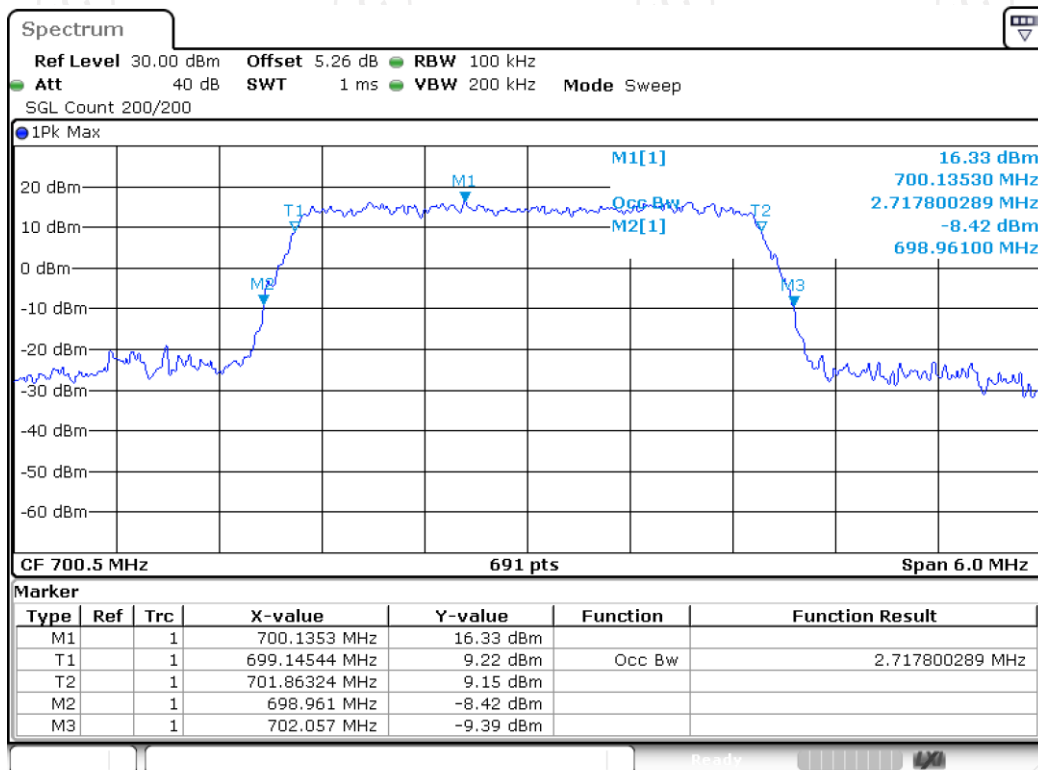
Date: 21.AUG.2023 11:45:10

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



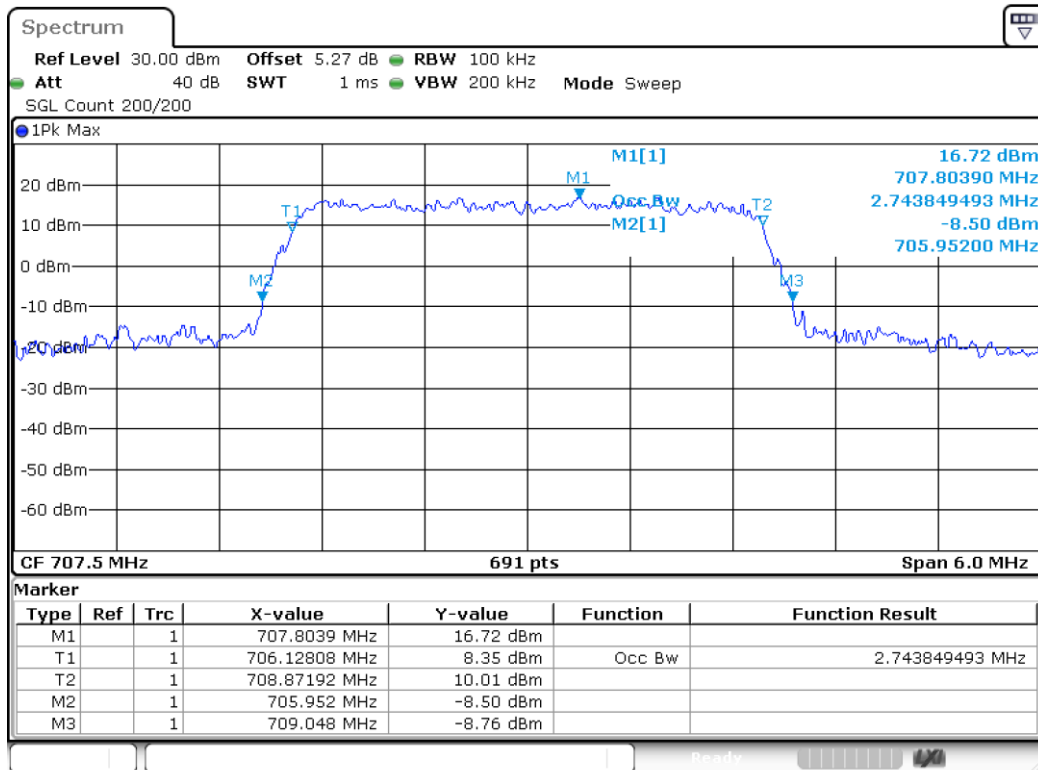
Date: 21.AUG.2023 11:45:16

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



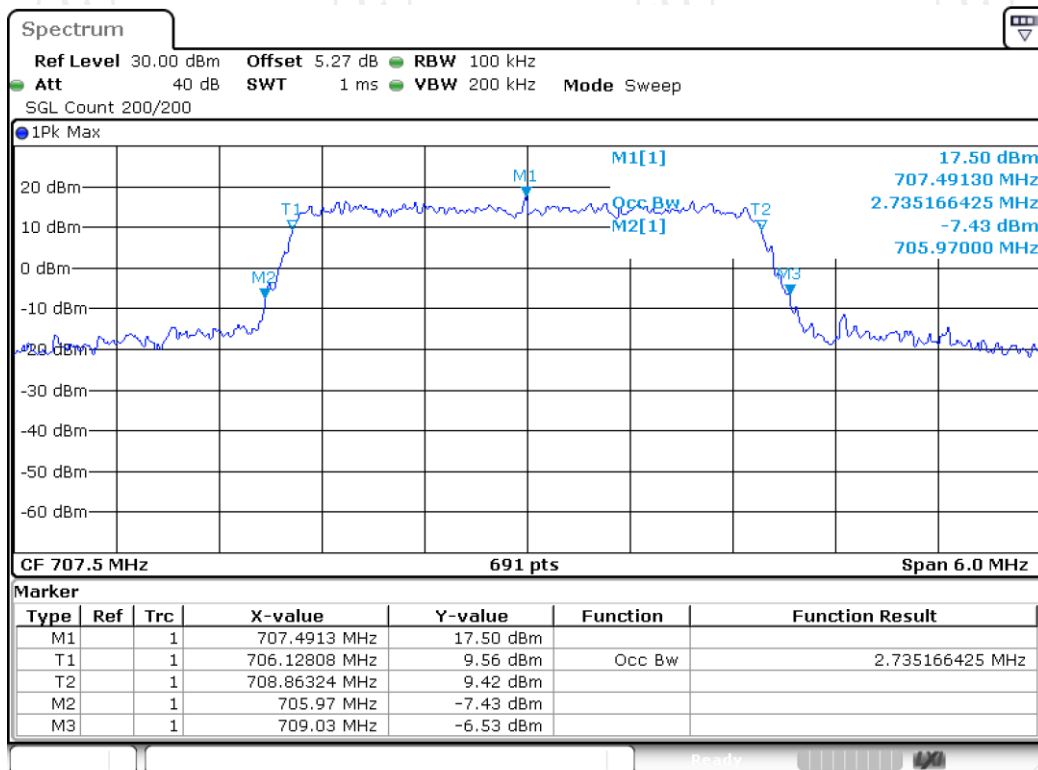
Date: 21.AUG.2023 11:45:22

Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



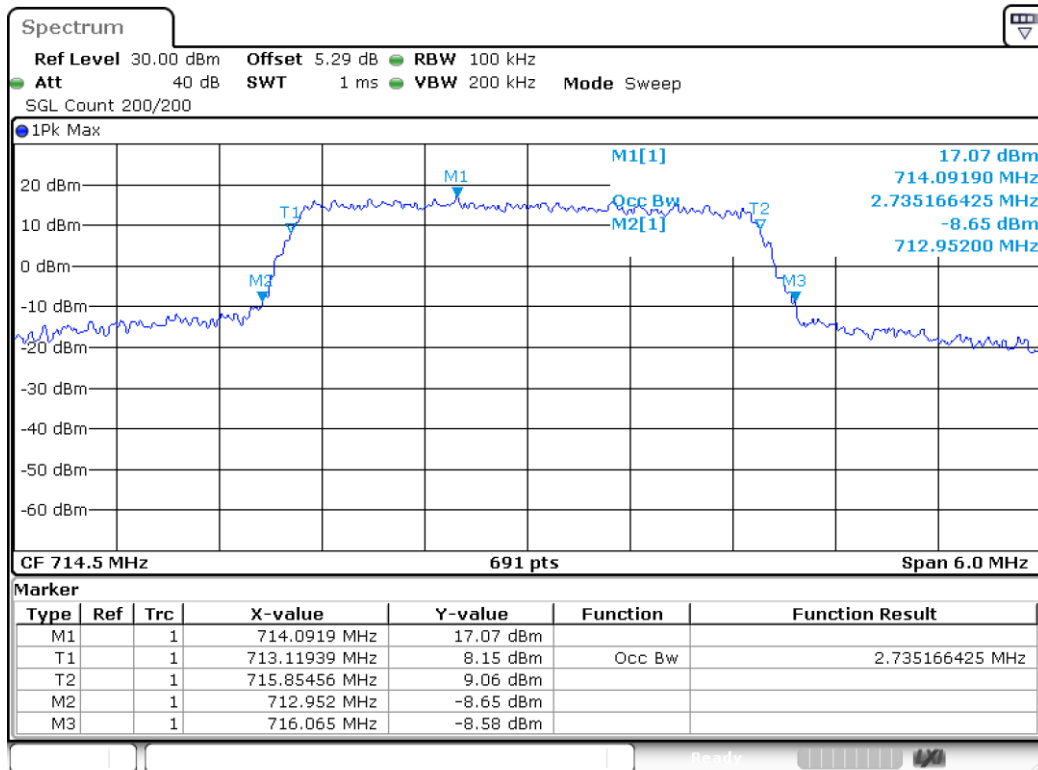
Date: 21.AUG.2023 11:45:28

Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



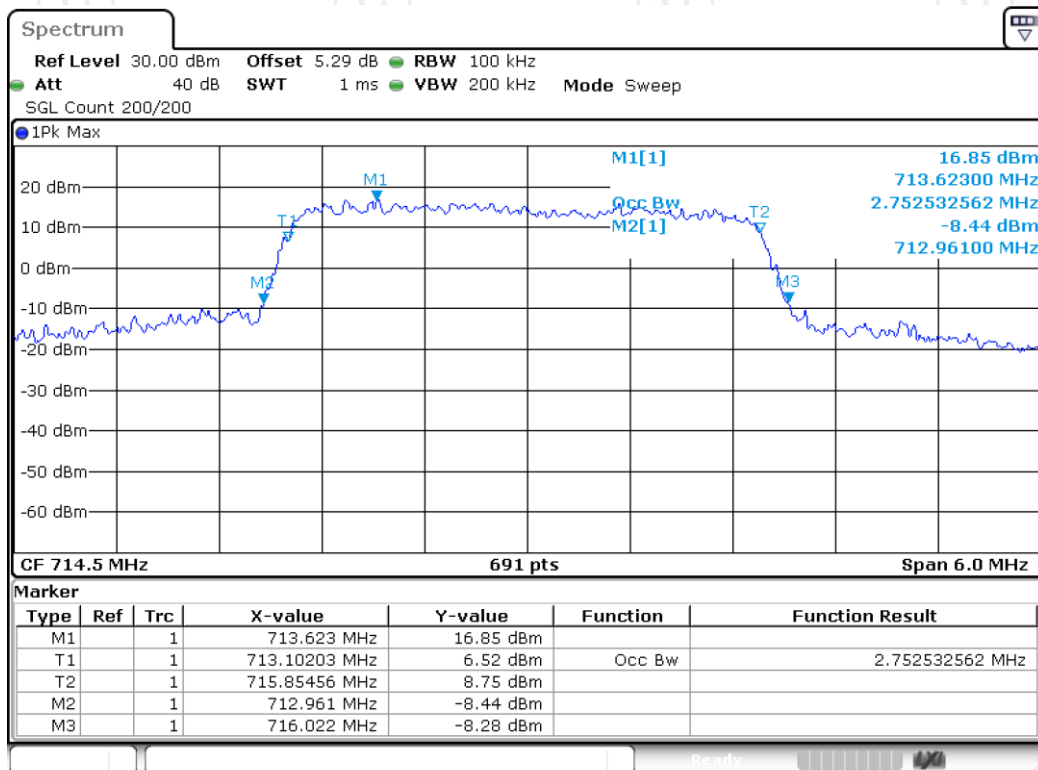
Date: 21.AUG.2023 11:45:33

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



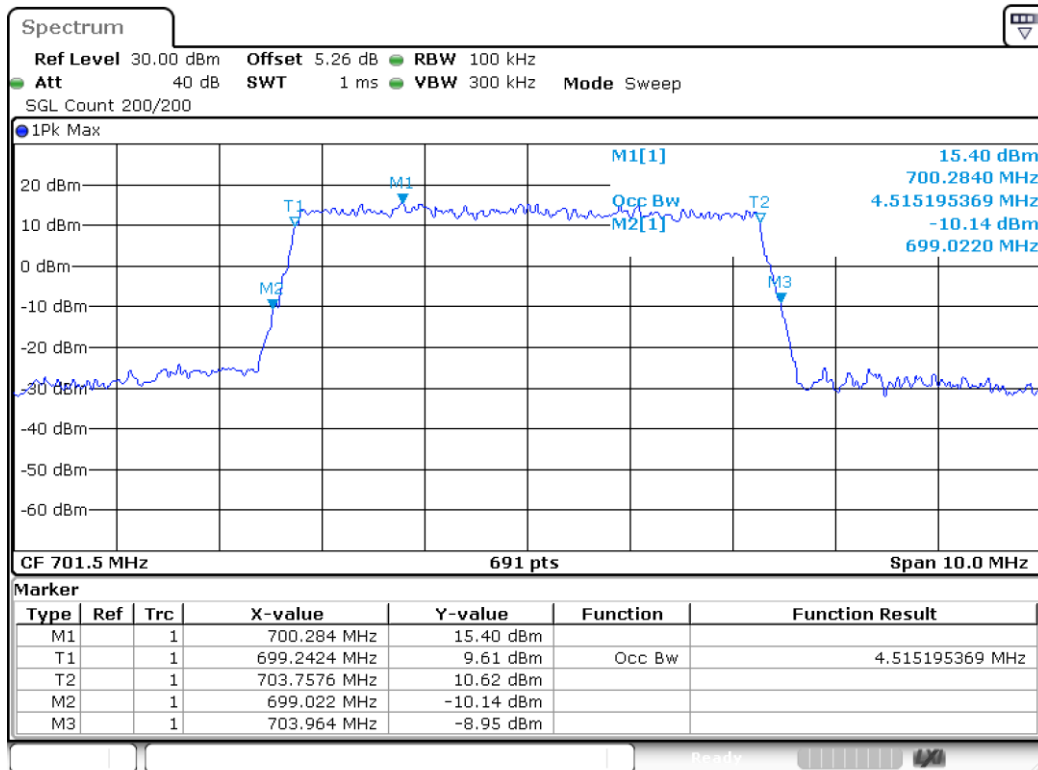
Date: 21.AUG.2023 11:45:39

Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



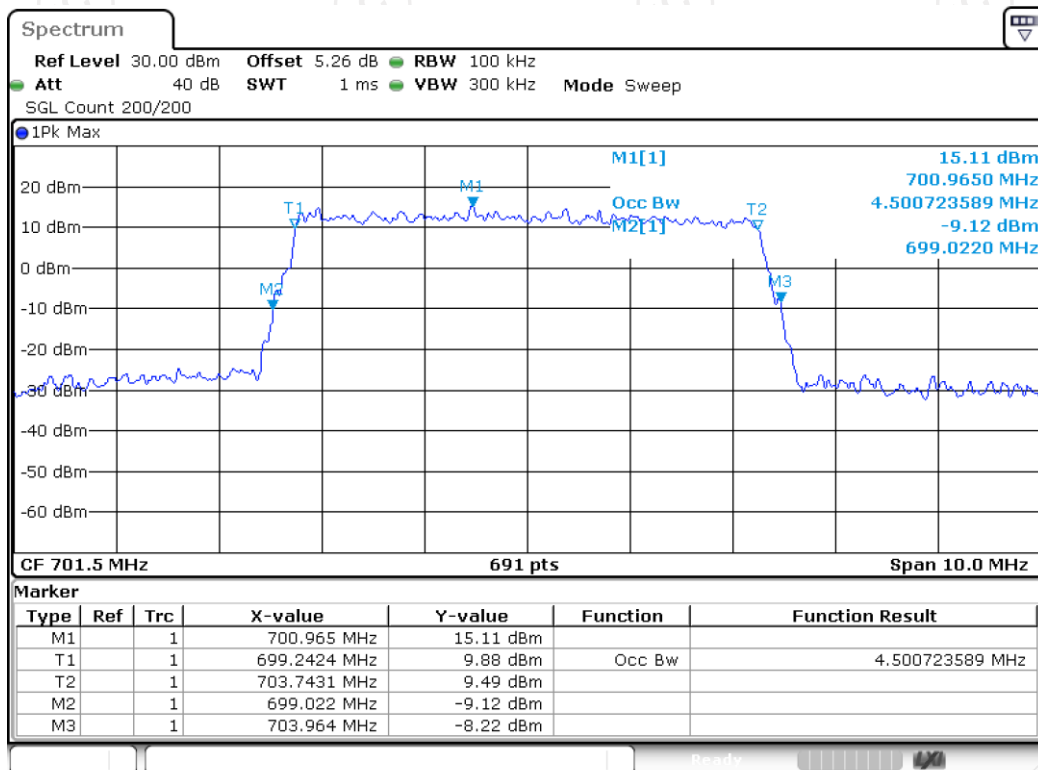
Date: 21.AUG.2023 11:45:44

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



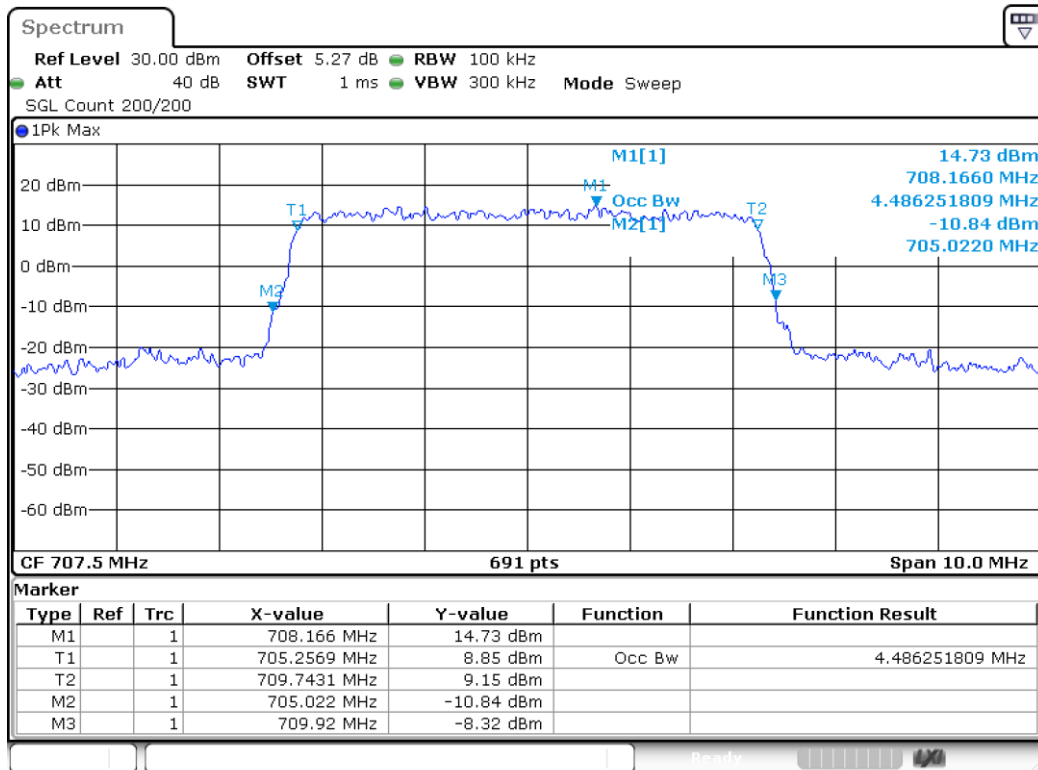
Date: 21.AUG.2023 11:45:51

Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



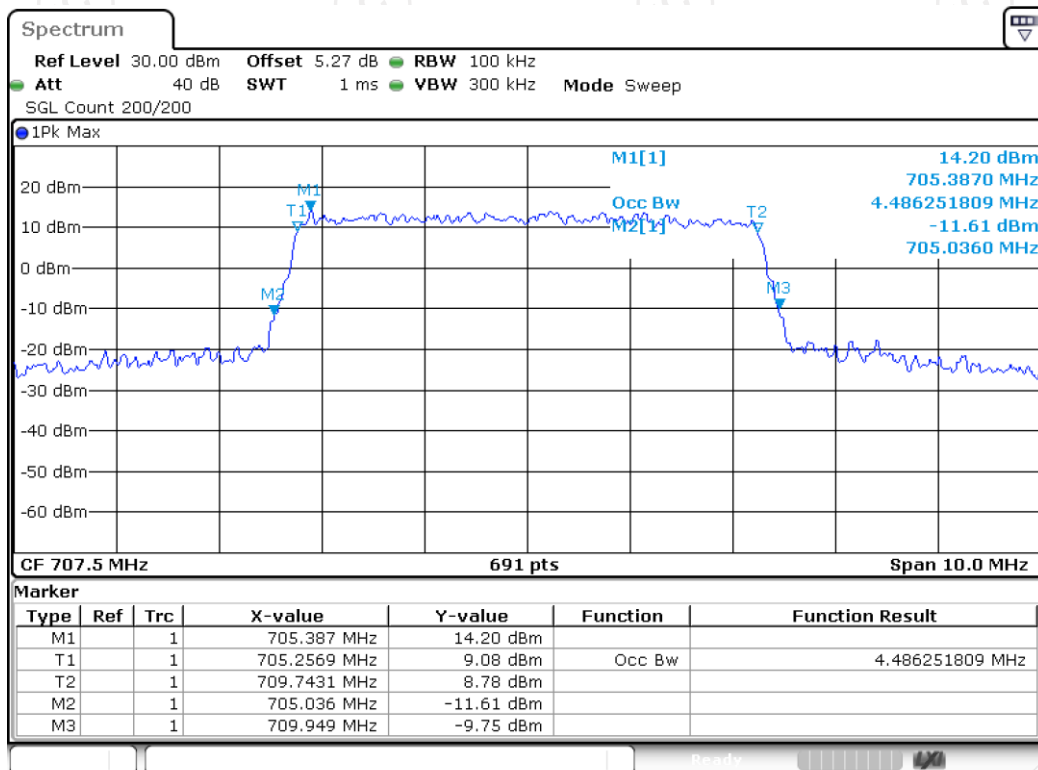
Date: 21.AUG.2023 11:45:57

Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



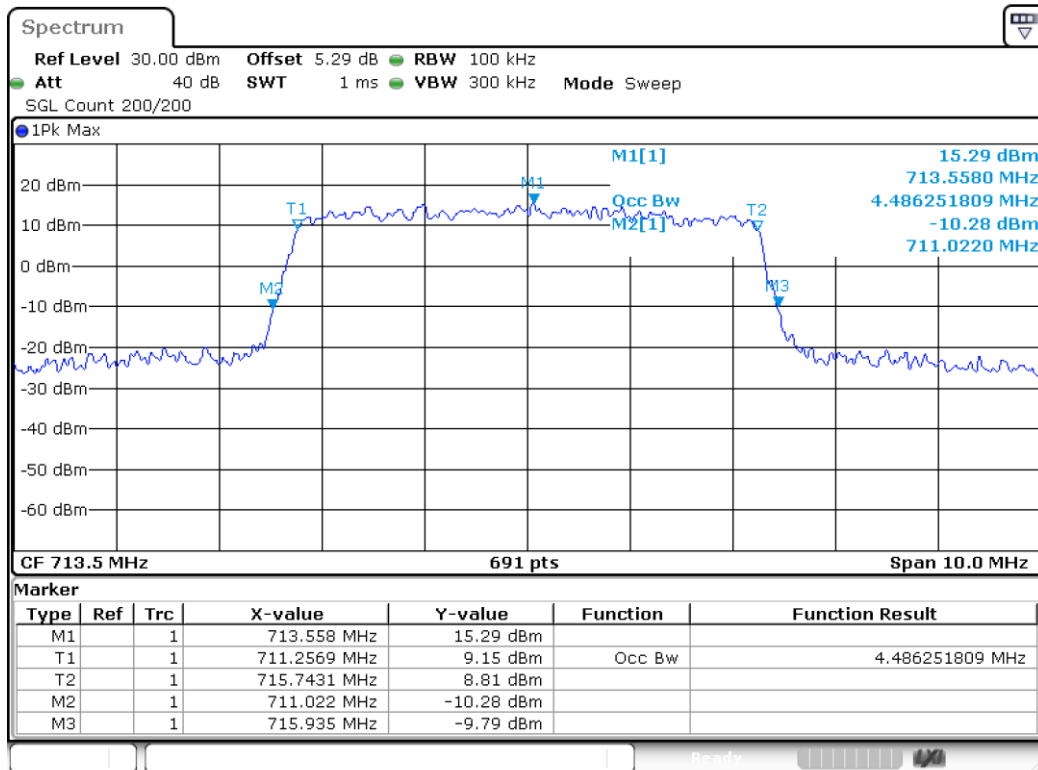
Date: 21.AUG.2023 11:46:02

Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



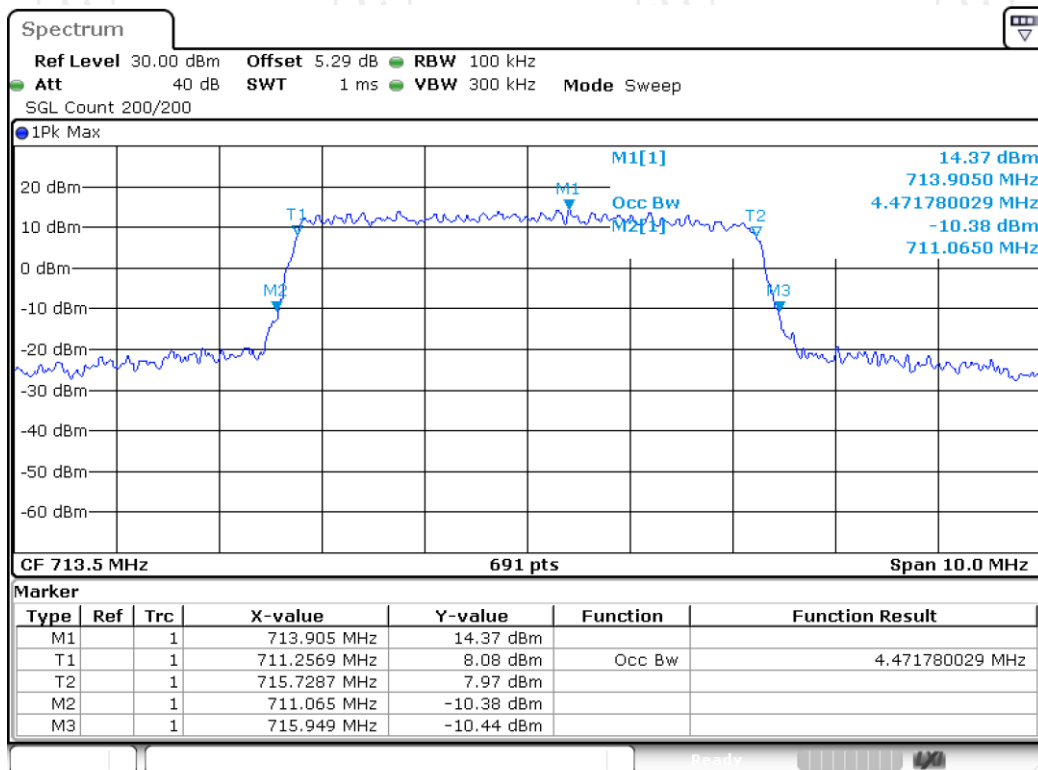
Date: 21.AUG.2023 11:46:08

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



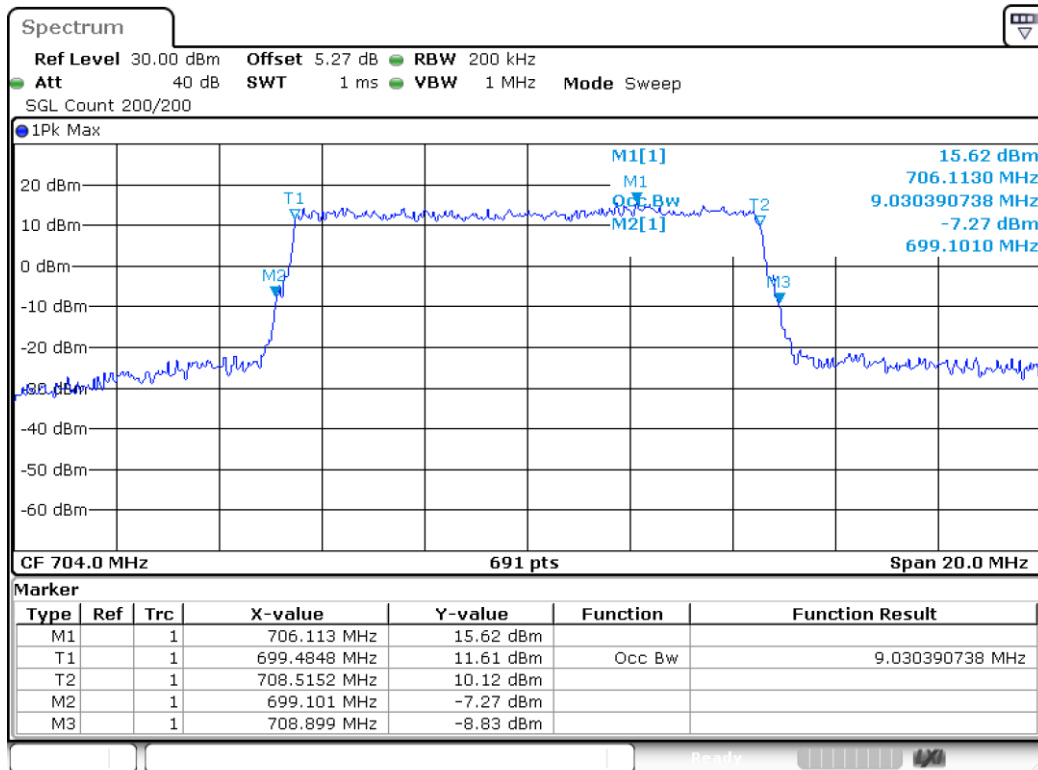
Date: 21.AUG.2023 11:46:13

Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



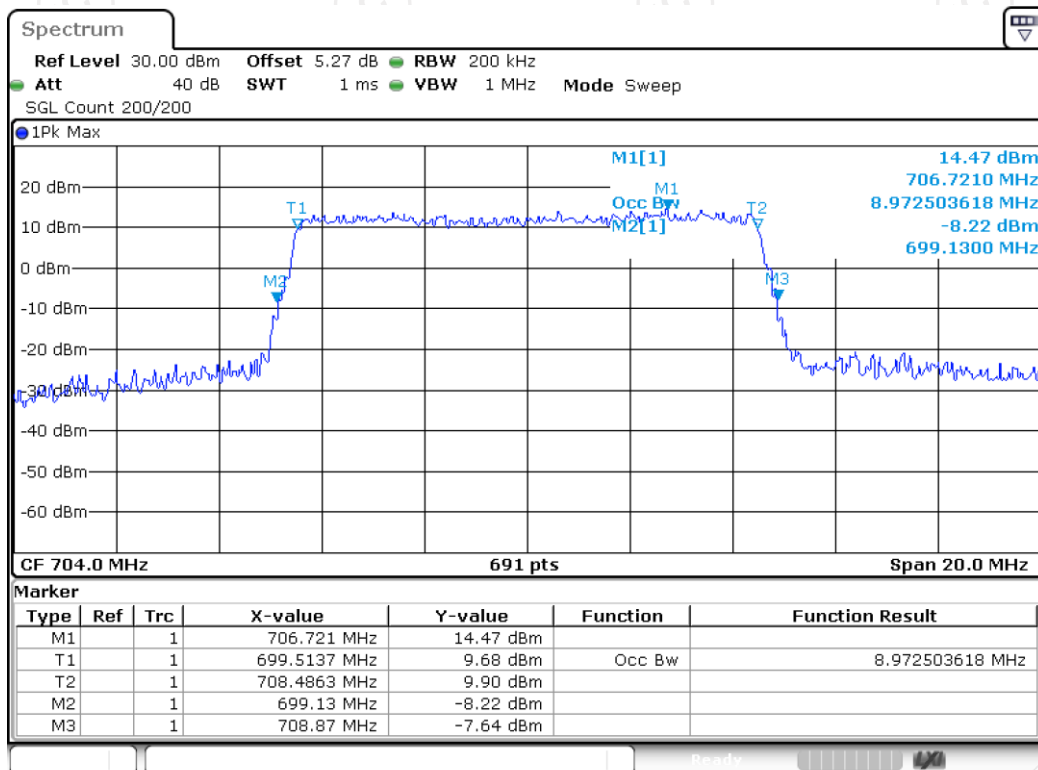
Date: 21.AUG.2023 11:46:18

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



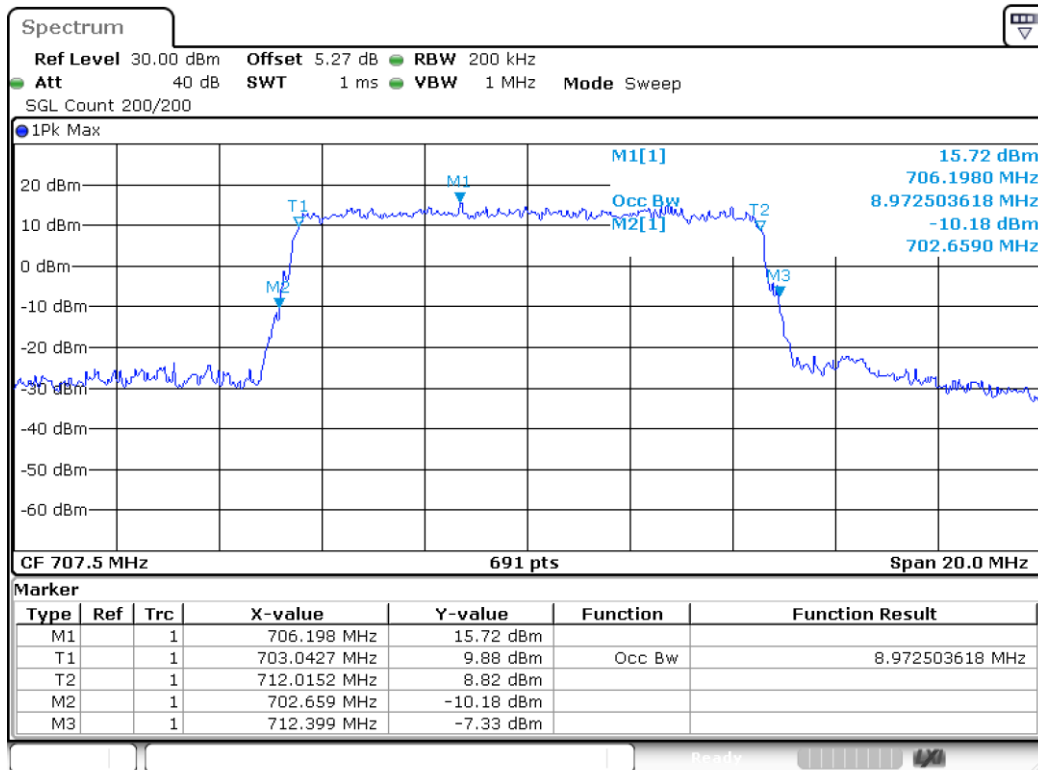
Date: 21.AUG.2023 11:46:26

Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



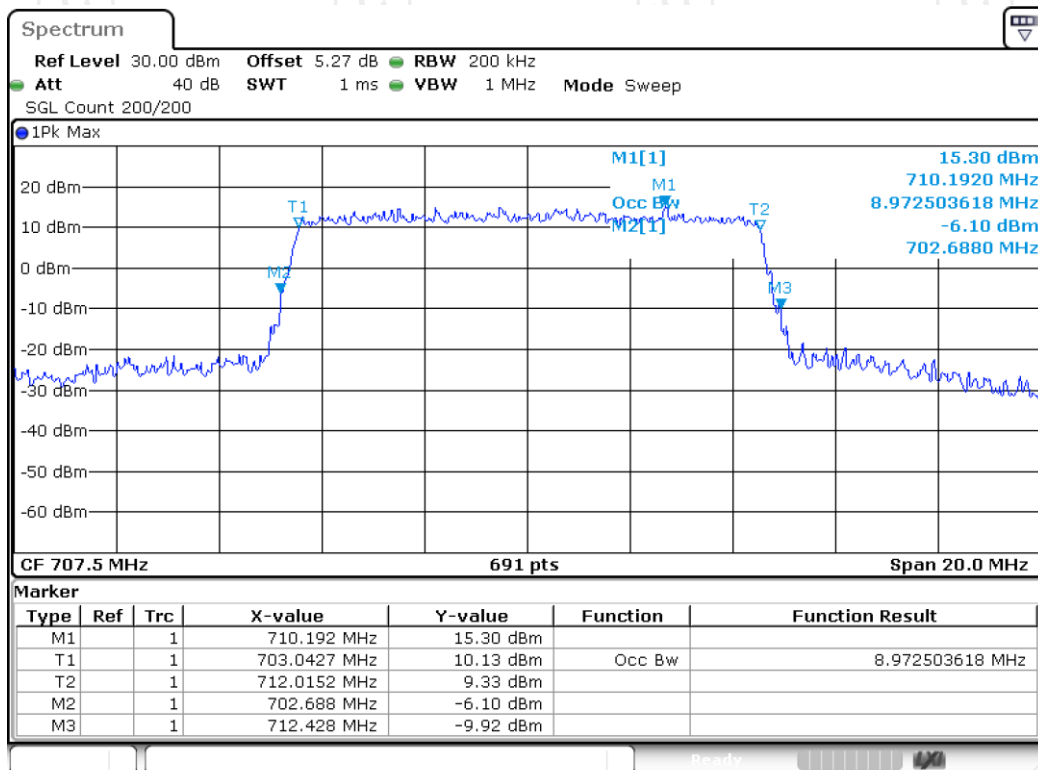
Date: 21.AUG.2023 11:46:34

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



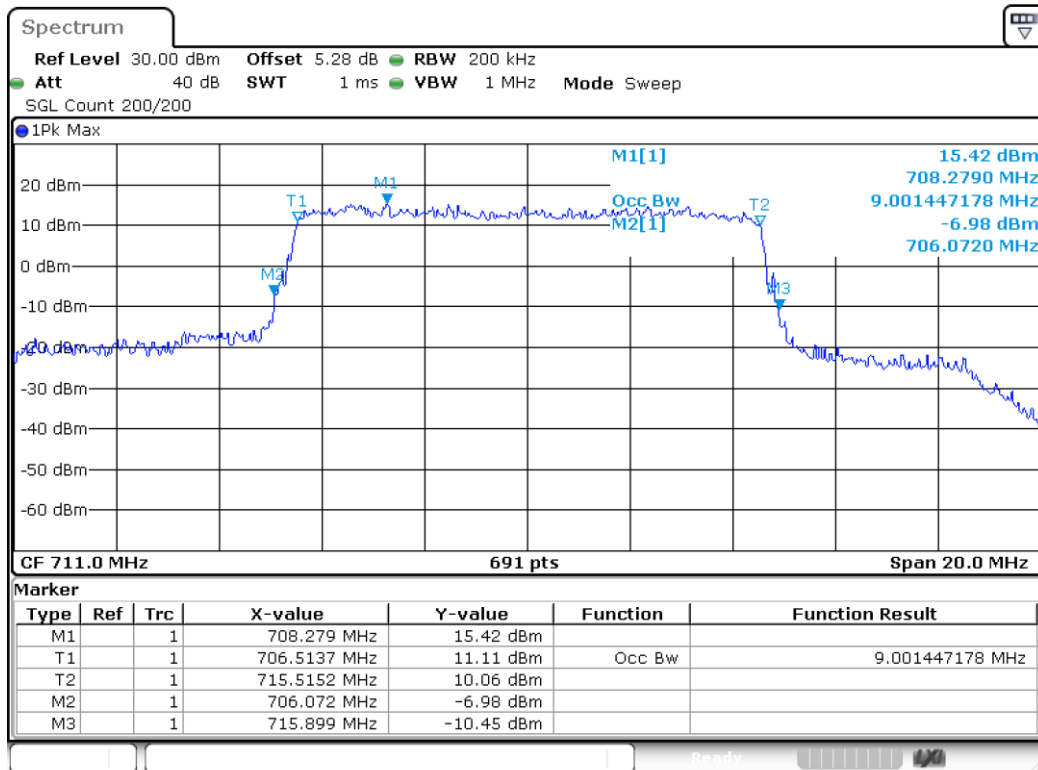
Date: 21.AUG.2023 11:46:41

Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



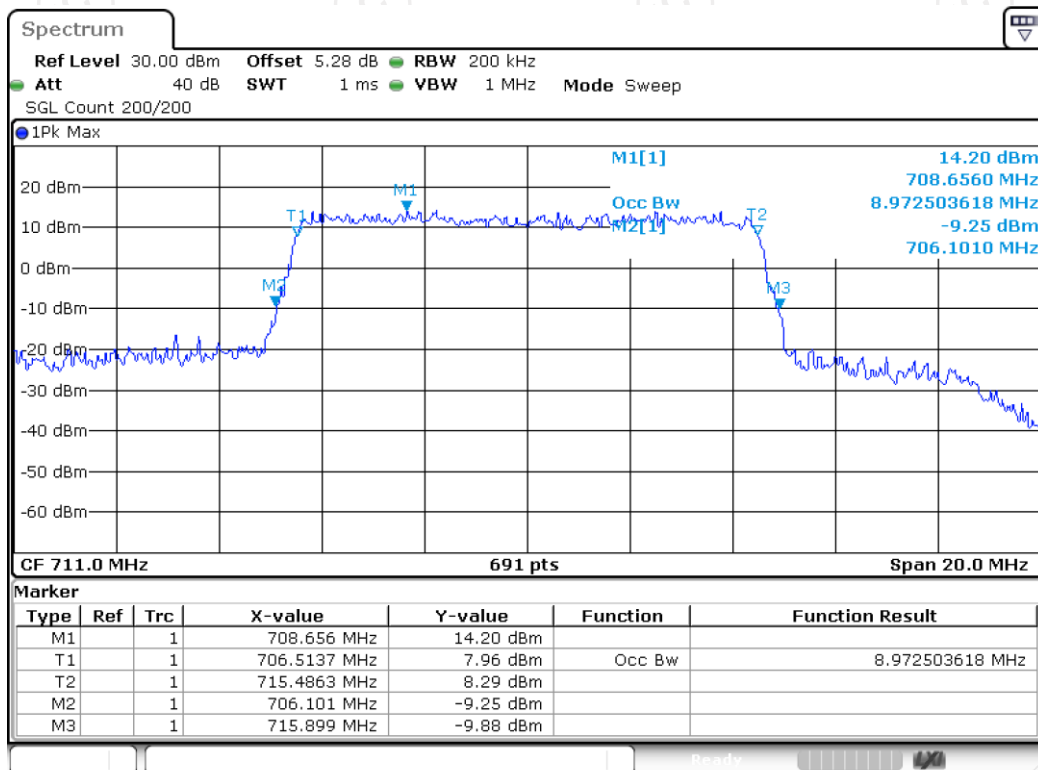
Date: 21.AUG.2023 11:46:47

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



Date: 21.AUG.2023 11:46:54

Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

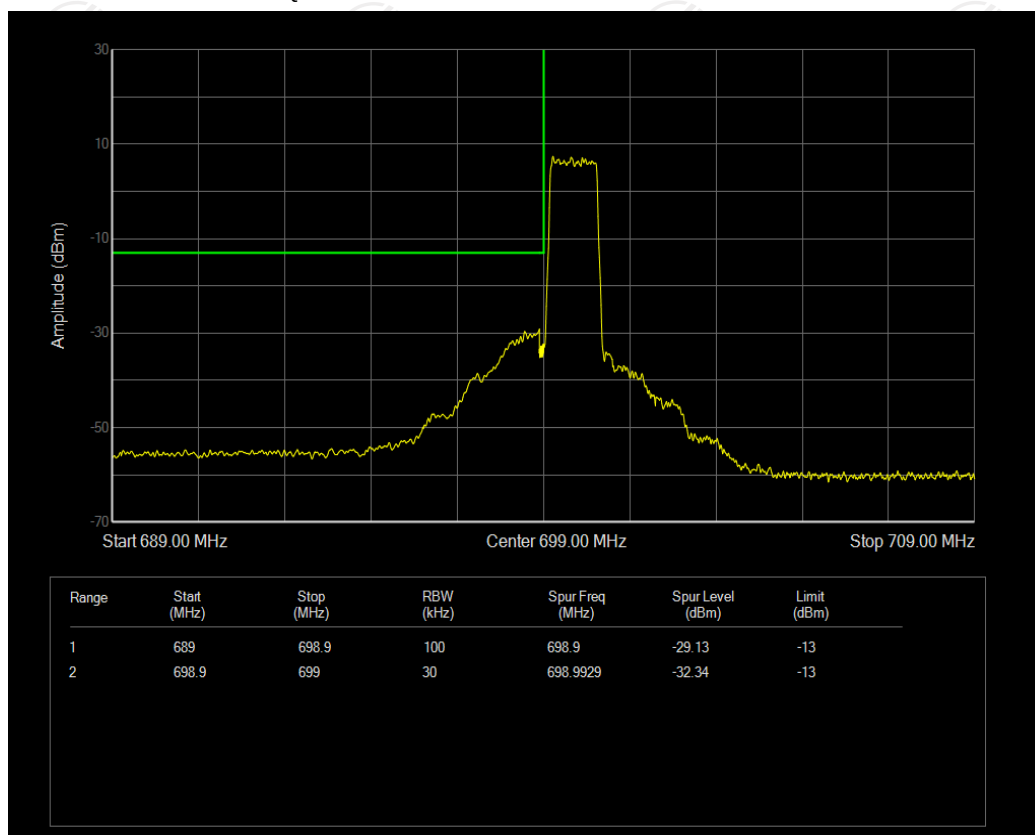


Date: 21.AUG.2023 11:47:01

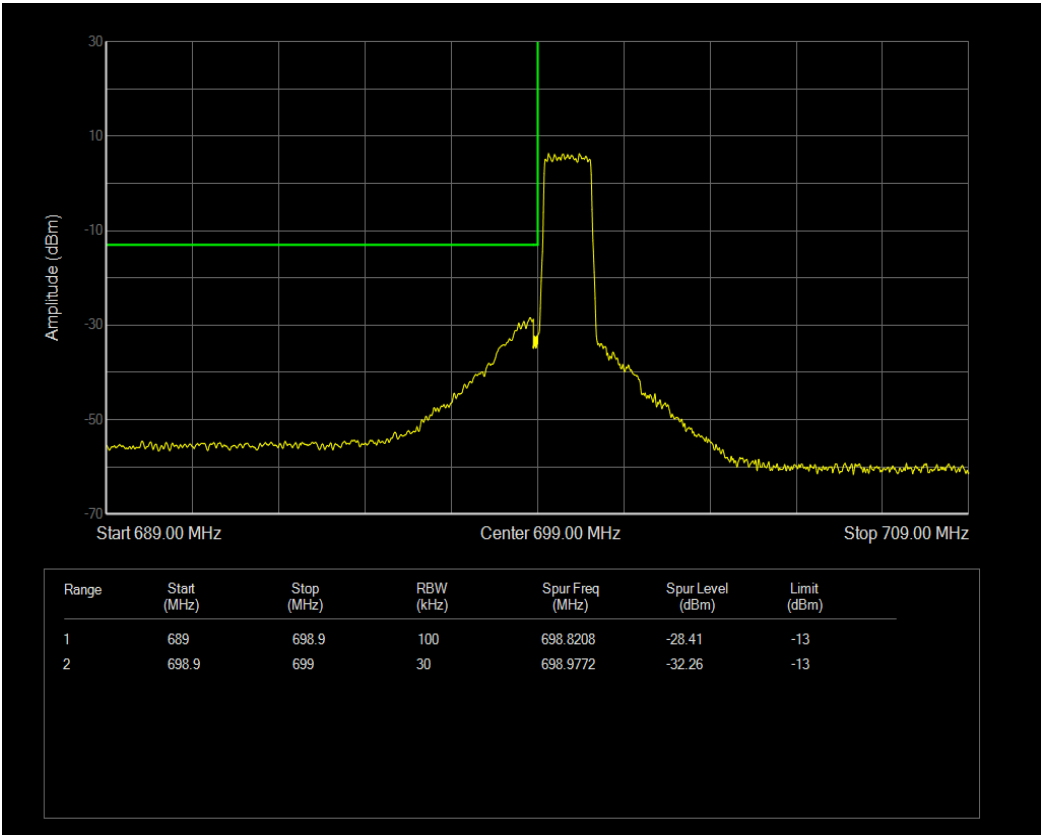
## 5 Band edge

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 698.90          | -29.13           | -13         | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | 16QAM      | 698.82          | -28.41           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 716.11          | -16.81           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | 16QAM      | 716.11          | -18.92           | -13         | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 698.99          | -25.37           | -13         | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | 16QAM      | 698.99          | -26.01           | -13         | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | QPSK       | 716.11          | -21.81           | -13         | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | 16QAM      | 716.13          | -21.83           | -13         | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | QPSK       | 698.81          | -32.42           | -13         | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | 16QAM      | 698.74          | -32.22           | -13         | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | QPSK       | 716.20          | -29.32           | -13         | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | 16QAM      | 716.59          | -30.12           | -13         | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | QPSK       | 698.43          | -36.21           | -13         | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | 16QAM      | 698.69          | -37.11           | -13         | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | QPSK       | 716.35          | -32.75           | -13         | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | 16QAM      | 716.11          | -36.54           | -13         | PASS    |

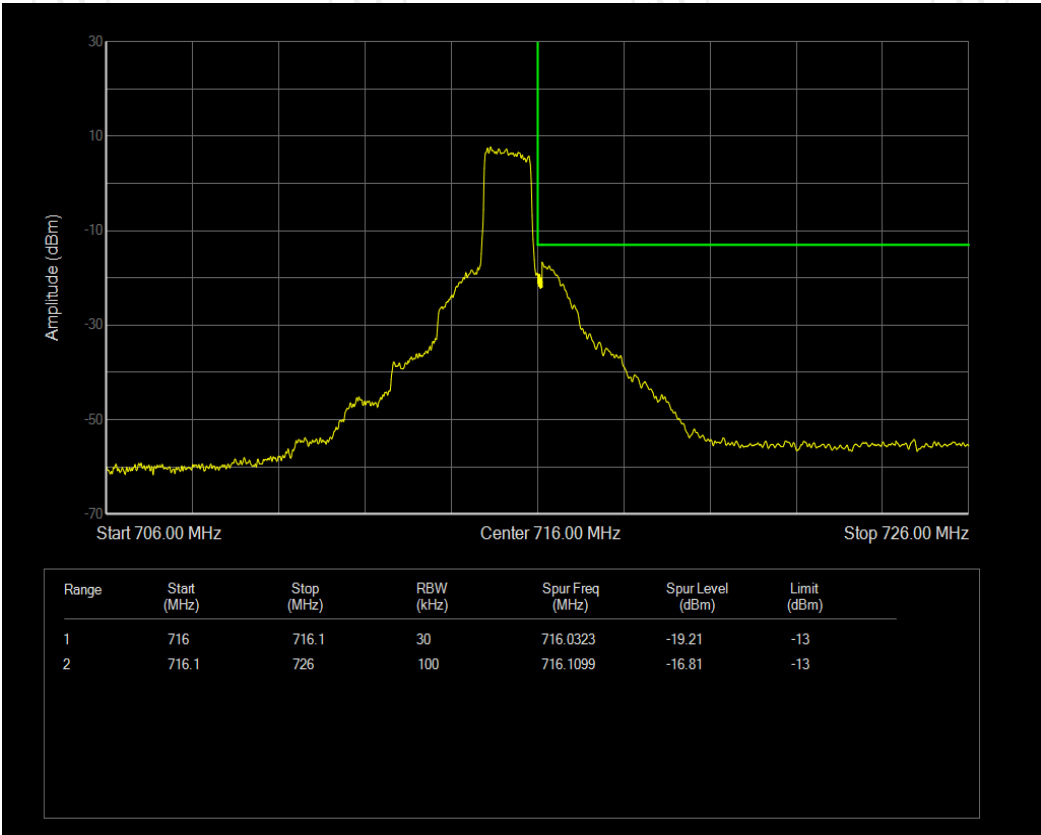
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



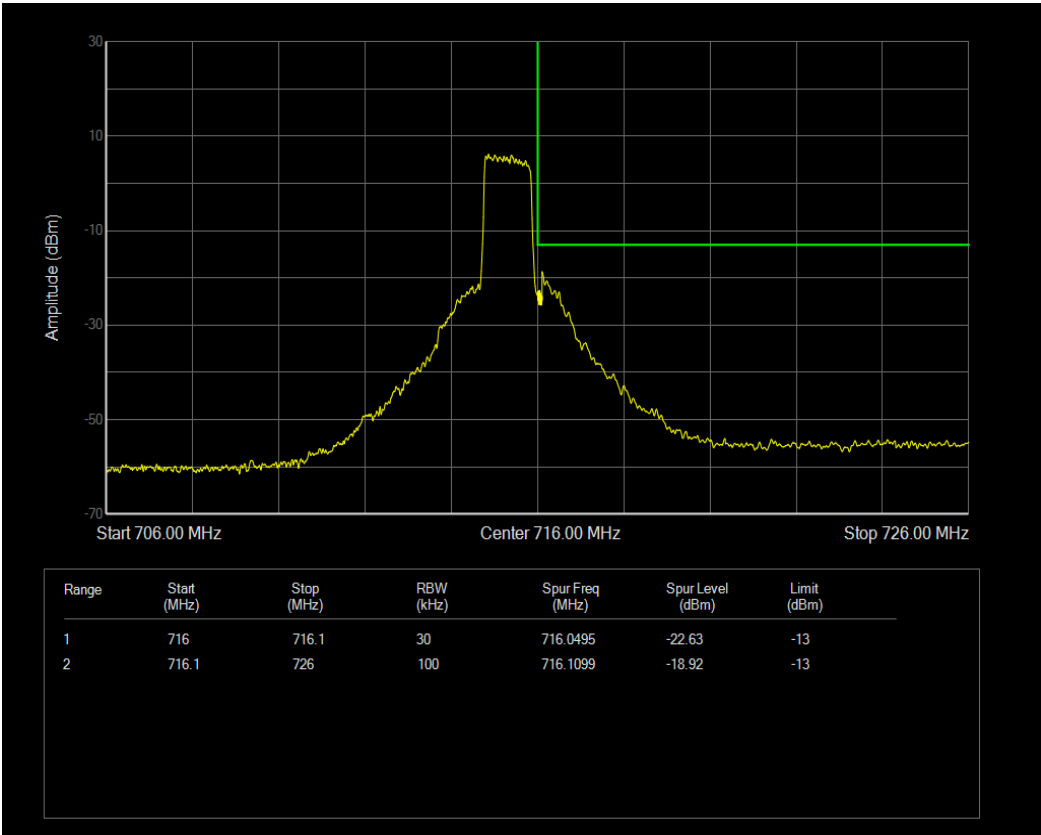
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



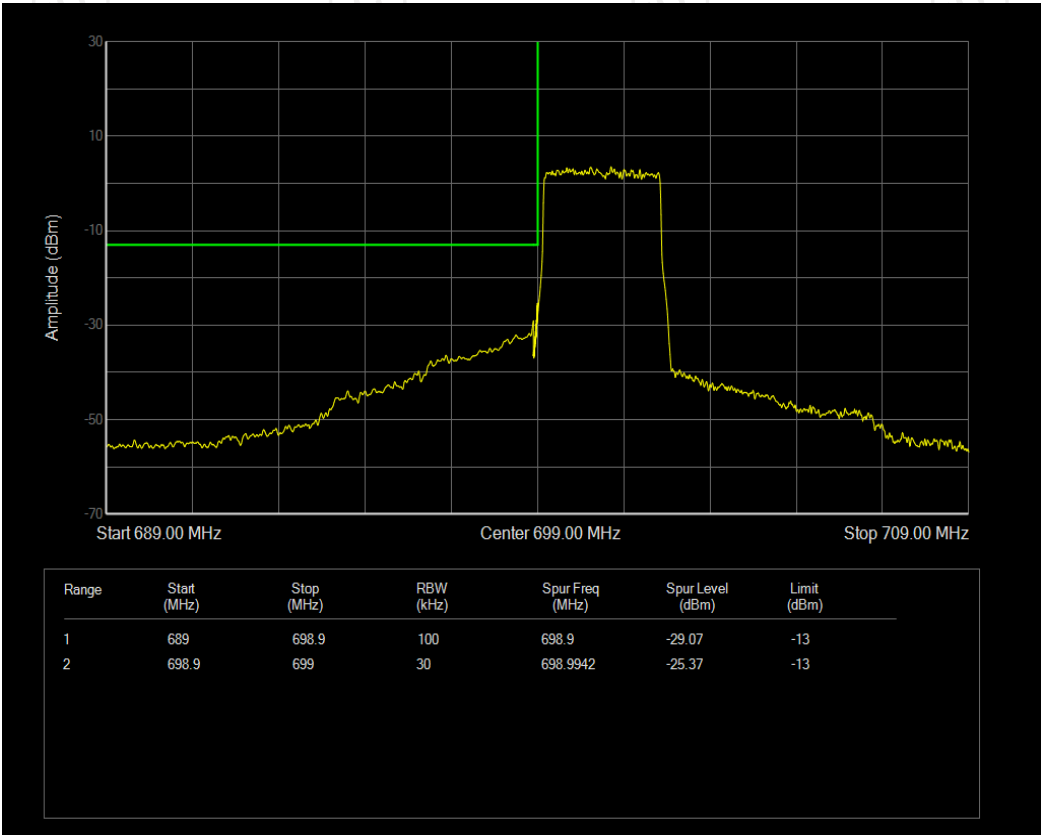
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



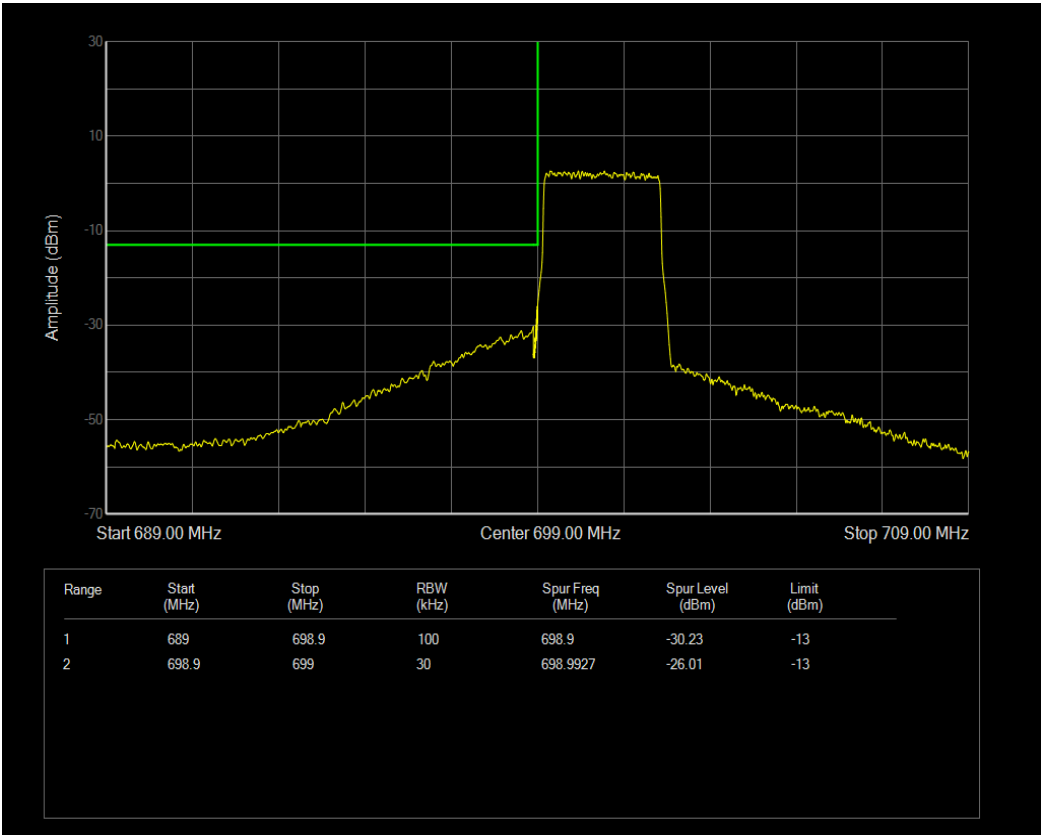
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



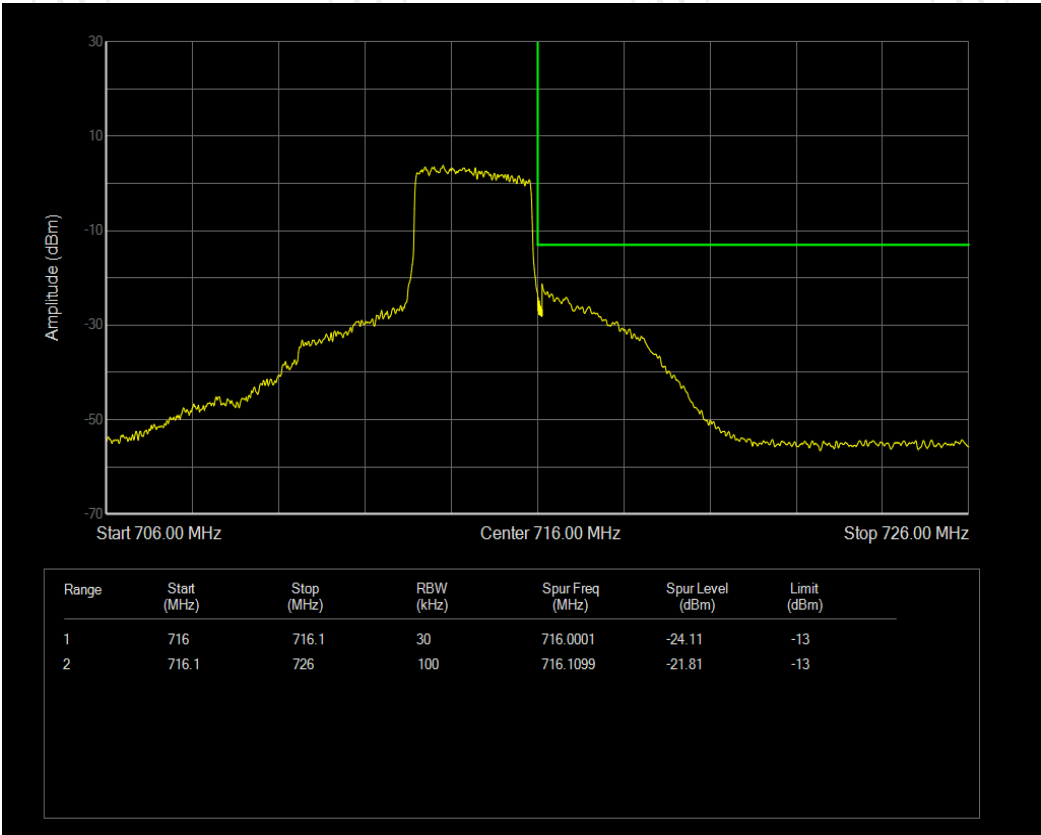
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



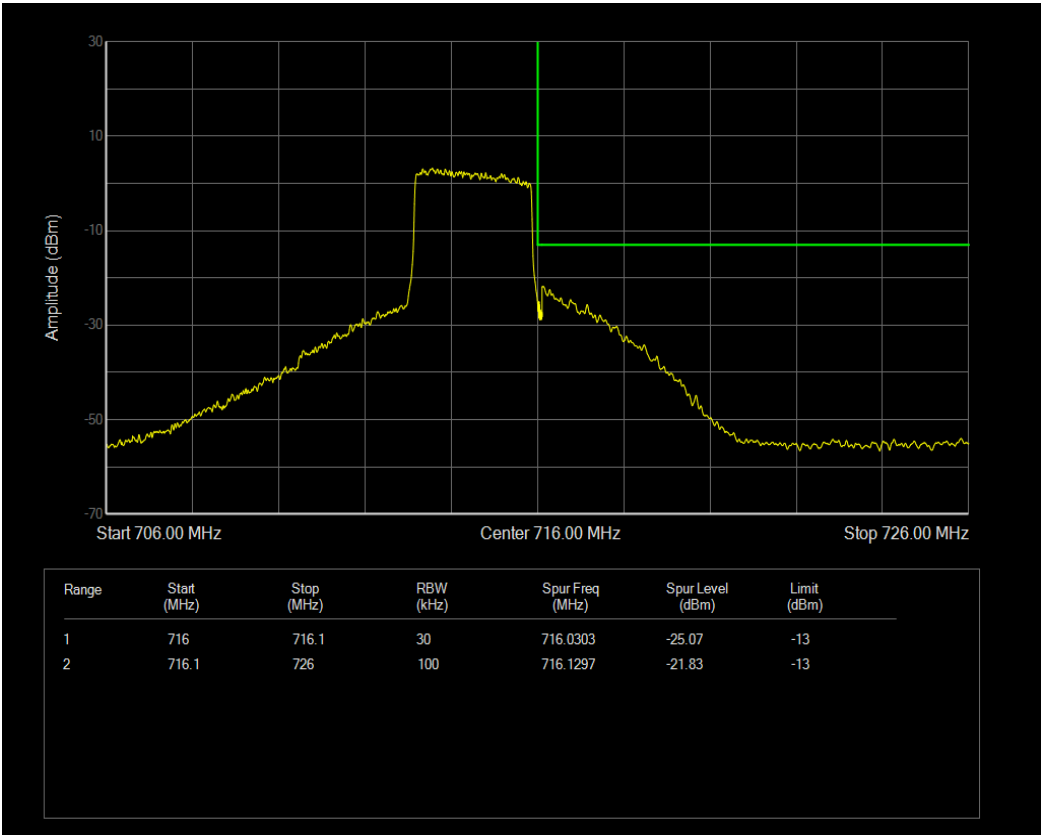
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



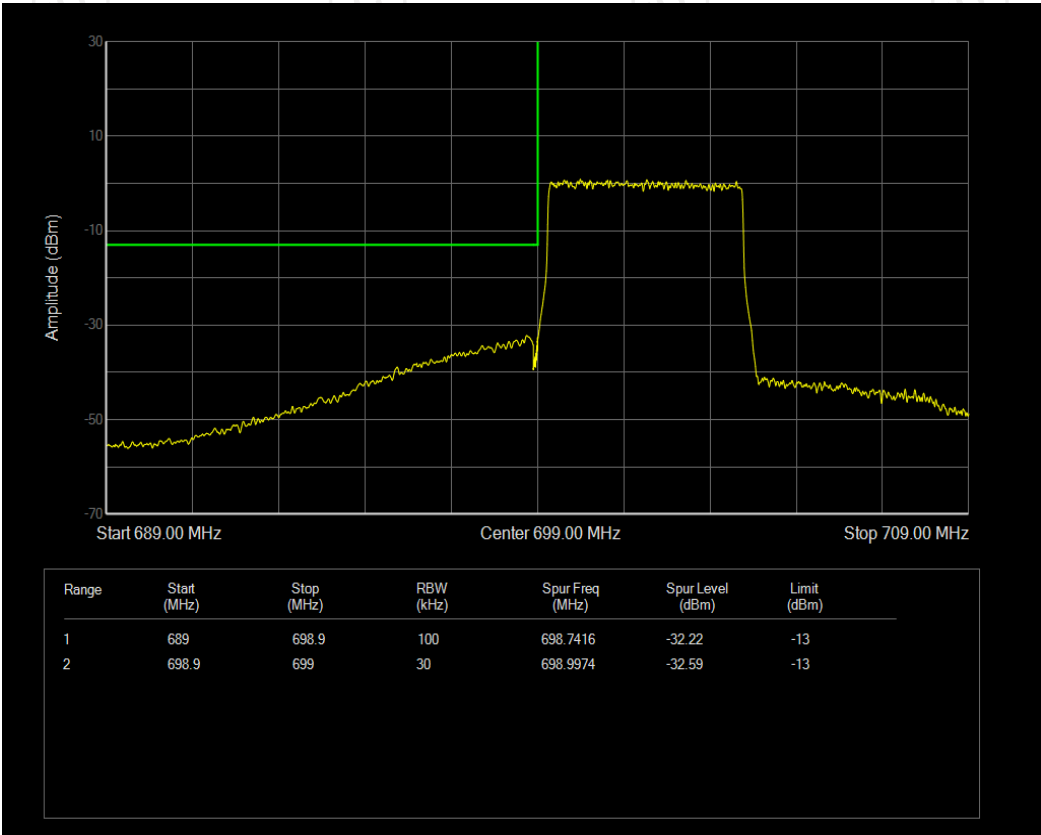
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



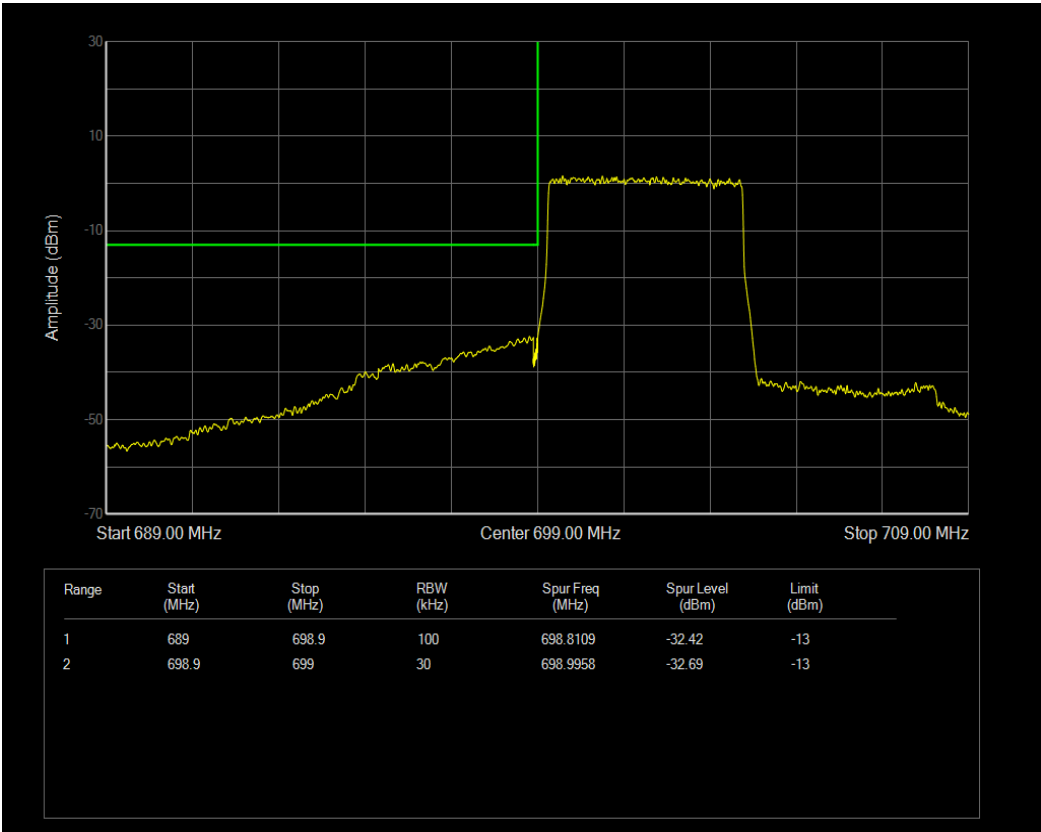
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



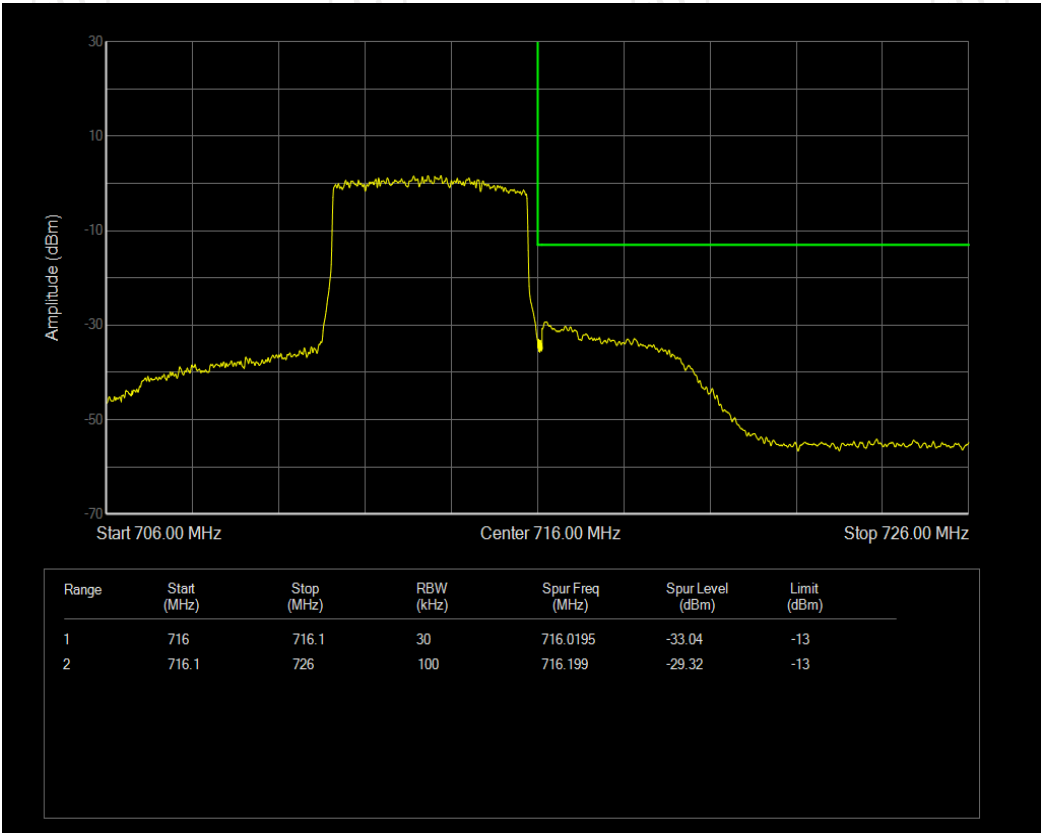
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



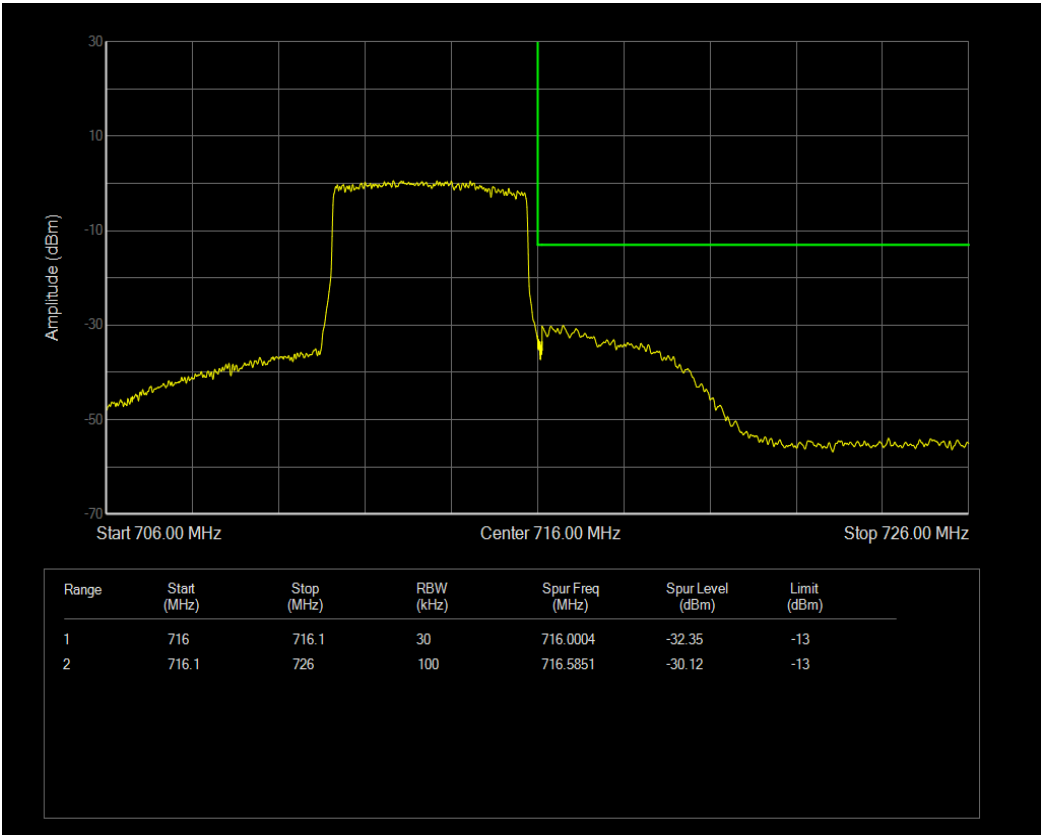
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



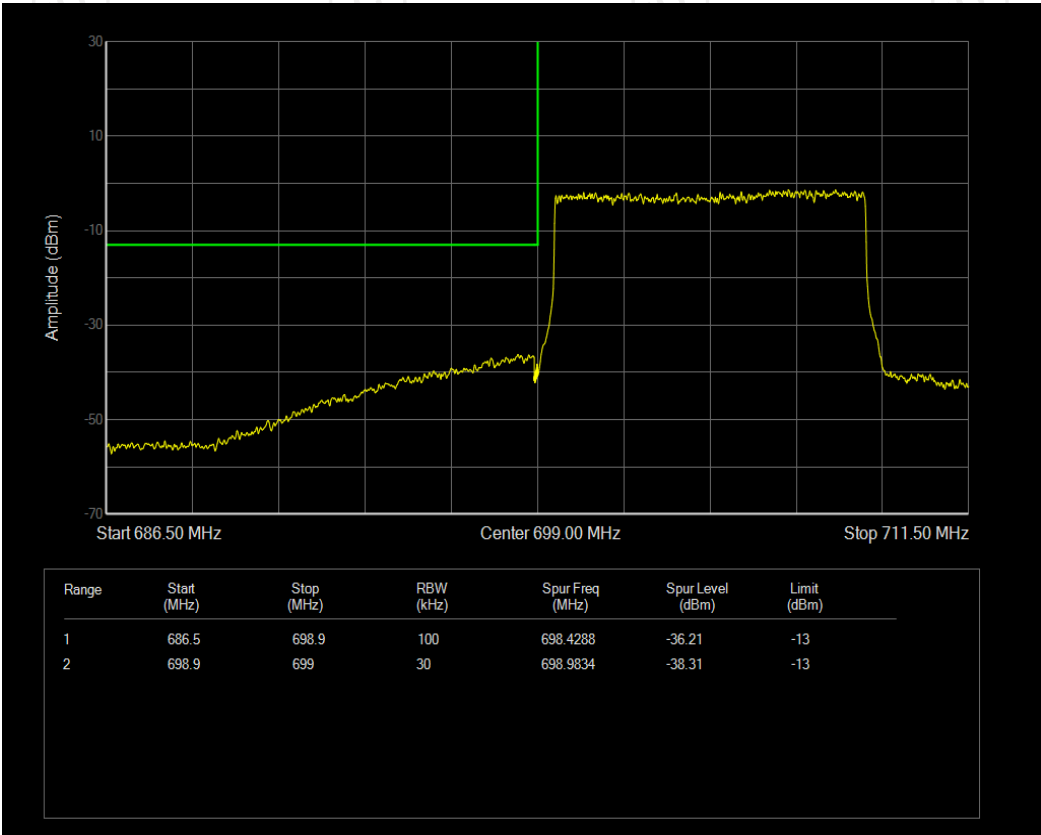
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



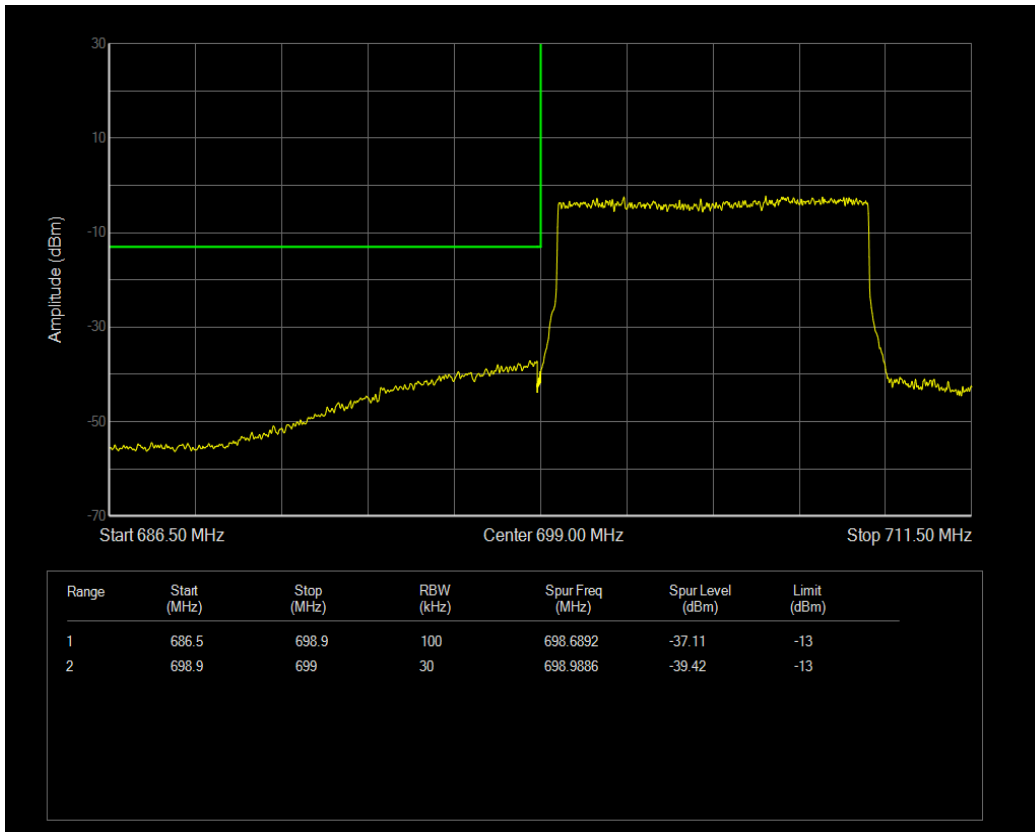
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



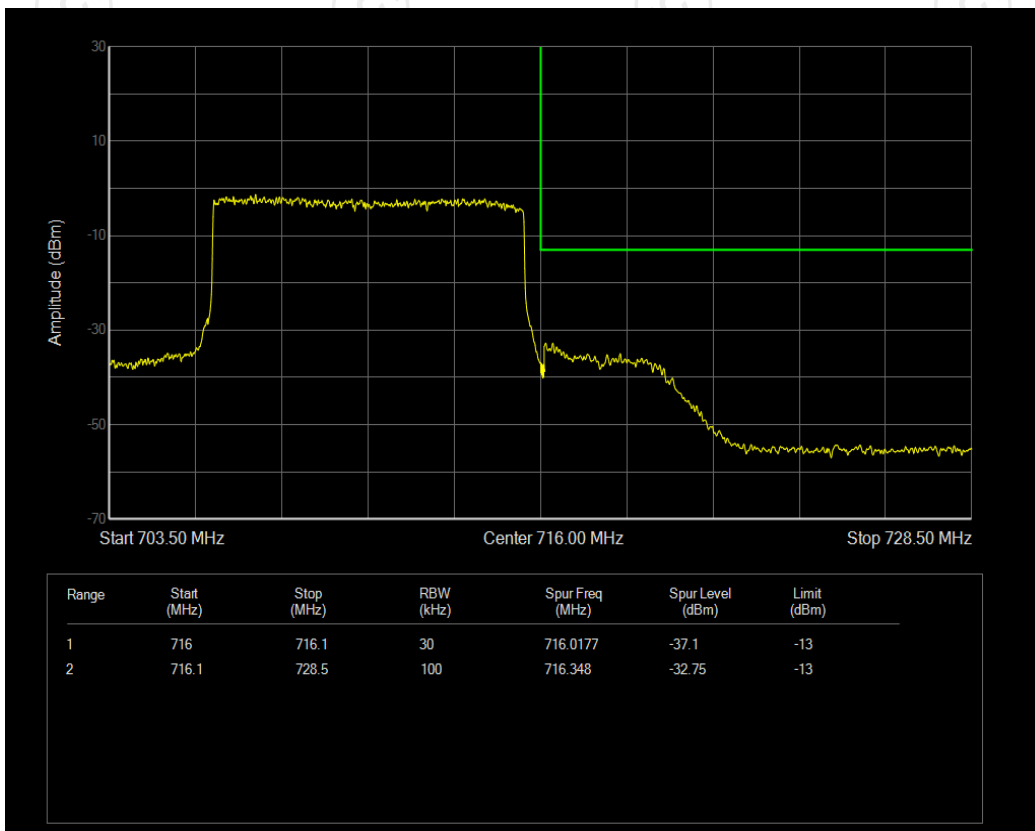
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



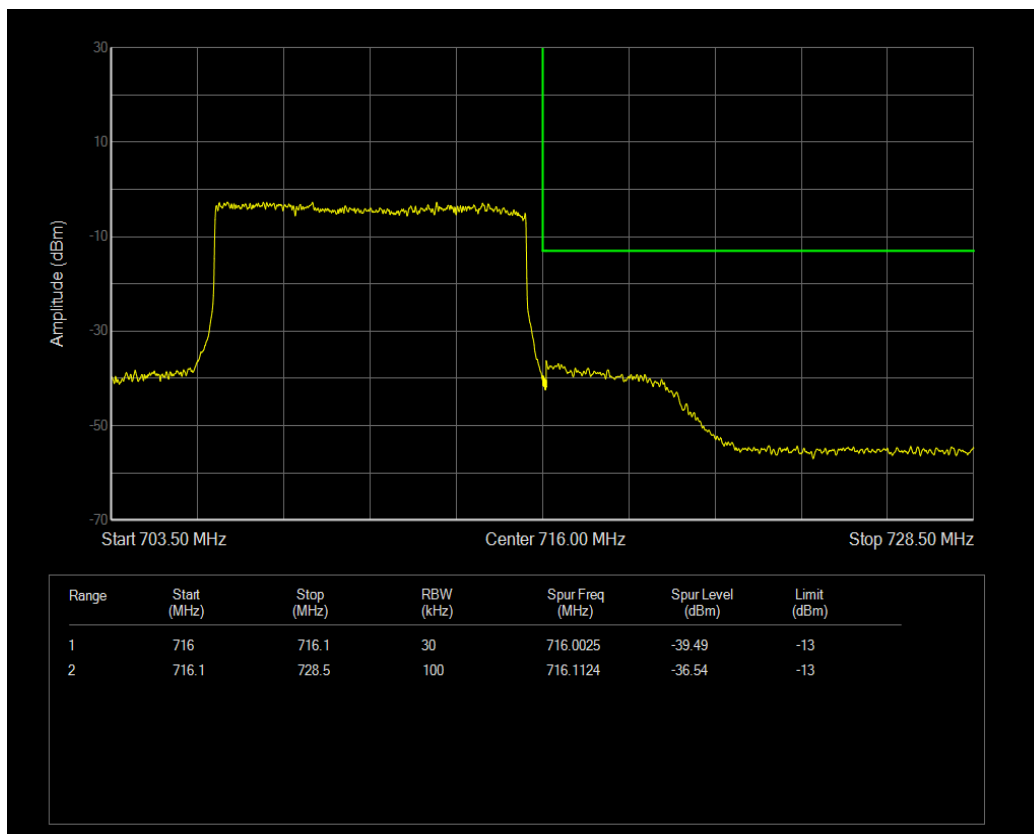
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

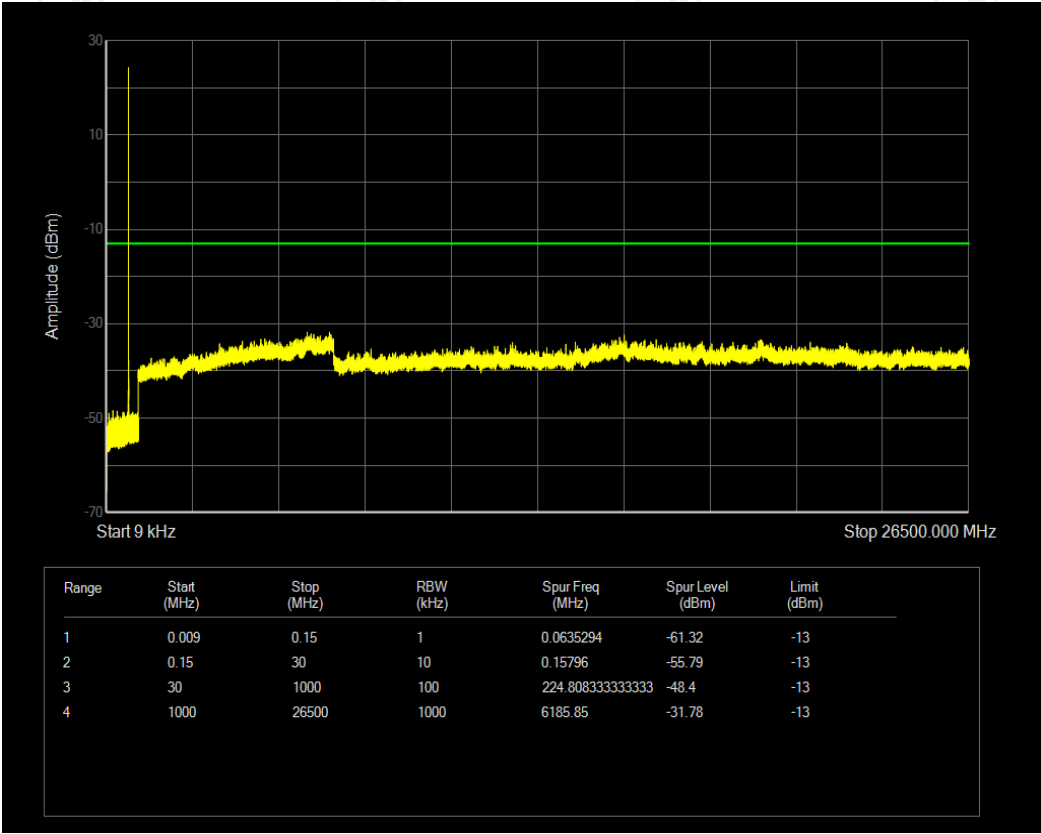


## 6 Out-of-band emissions

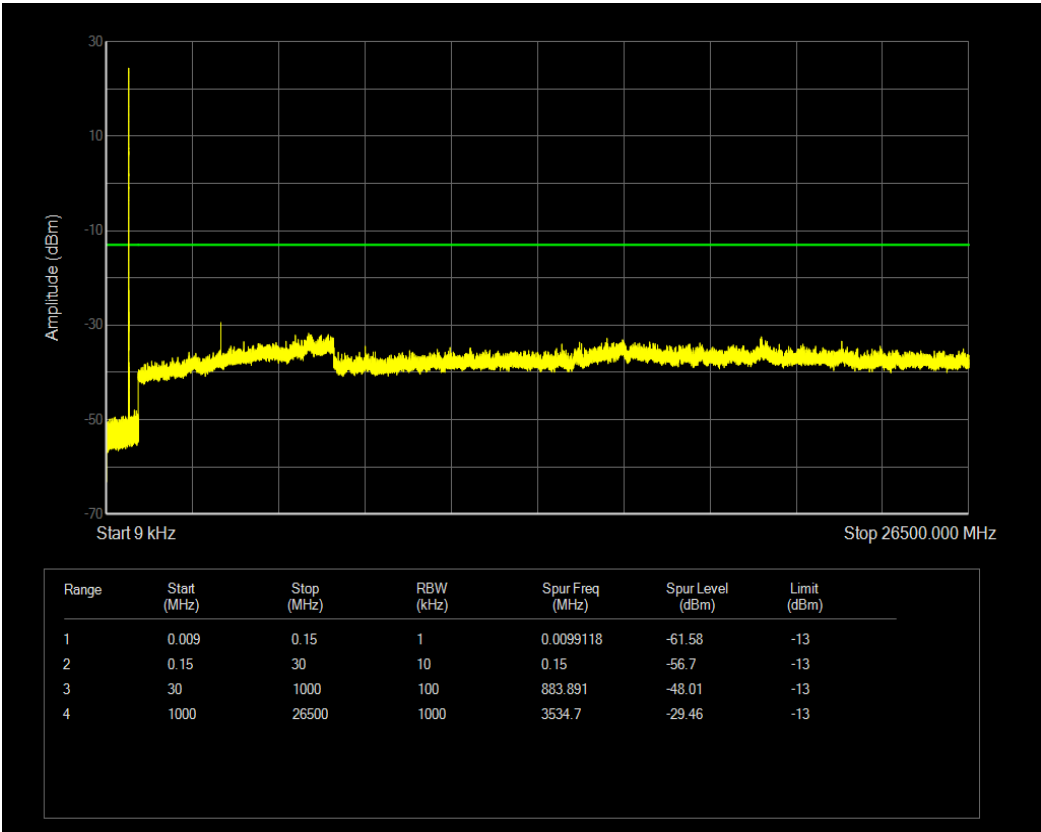
| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band12 | 1.4             | 23017      | 1       | #0          | QPSK       | 6185.85         | -31.78           | -13         | PASS    |
| Band12 | 1.4             | 23017      | 1       | #0          | 16QAM      | 6997.60         | -30.16           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QPSK       | 6185.85         | -31.78           | -13         | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | 16QAM      | 3535.55         | -30.12           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QPSK       | 3574.65         | -31.18           | -13         | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | 16QAM      | 6511.40         | -31.68           | -13         | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QPSK       | 6233.45         | -31.92           | -13         | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | 16QAM      | 6792.75         | -31.34           | -13         | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QPSK       | 3531.30         | -30.39           | -13         | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | 16QAM      | 3530.45         | -31.27           | -13         | PASS    |
| Band12 | 3               | 23165      | 1       | #0          | QPSK       | 6166.30         | -30.04           | -13         | PASS    |
| Band12 | 3               | 23165      | 1       | #0          | 16QAM      | 3566.15         | -28.59           | -13         | PASS    |
| Band12 | 5               | 23035      | 1       | #0          | QPSK       | 6655.90         | -31.34           | -13         | PASS    |
| Band12 | 5               | 23035      | 1       | #0          | 16QAM      | 6840.35         | -31.67           | -13         | PASS    |
| Band12 | 5               | 23095      | 1       | #0          | QPSK       | 3526.20         | -30.90           | -13         | PASS    |
| Band12 | 5               | 23095      | 1       | #0          | 16QAM      | 6152.70         | -29.84           | -13         | PASS    |
| Band12 | 5               | 23155      | 1       | #0          | QPSK       | 6913.45         | -31.05           | -13         | PASS    |
| Band12 | 5               | 23155      | 1       | #0          | 16QAM      | 6252.15         | -31.35           | -13         | PASS    |
| Band12 | 10              | 23060      | 1       | #0          | QPSK       | 6246.20         | -31.46           | -13         | PASS    |

|        |    |       |   |    |       |          |        |     |      |
|--------|----|-------|---|----|-------|----------|--------|-----|------|
| Band12 | 10 | 23060 | 1 | #0 | 16QAM | 6169.70  | -32.27 | -13 | PASS |
| Band12 | 10 | 23095 | 1 | #0 | QPSK  | 3516.00  | -31.34 | -13 | PASS |
| Band12 | 10 | 23095 | 1 | #0 | 16QAM | 15933.65 | -31.43 | -13 | PASS |
| Band12 | 10 | 23130 | 1 | #0 | QPSK  | 3532.15  | -30.11 | -13 | PASS |
| Band12 | 10 | 23130 | 1 | #0 | 16QAM | 3533.00  | -28.59 | -13 | PASS |

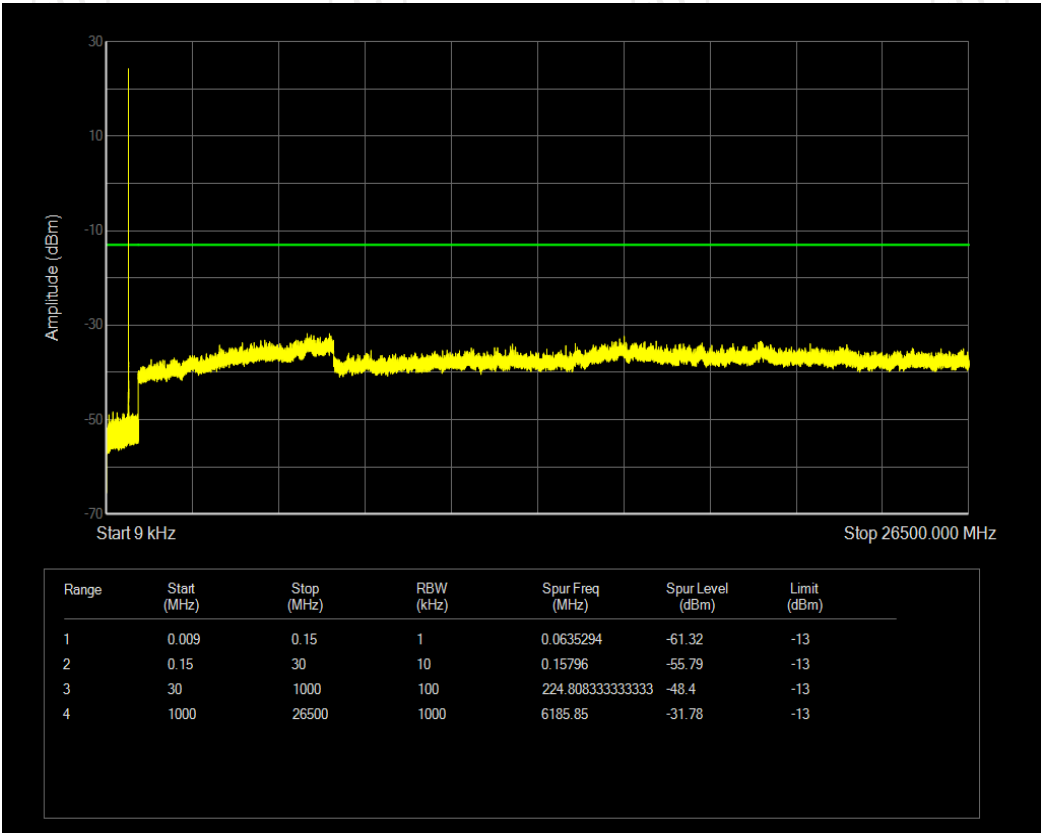
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



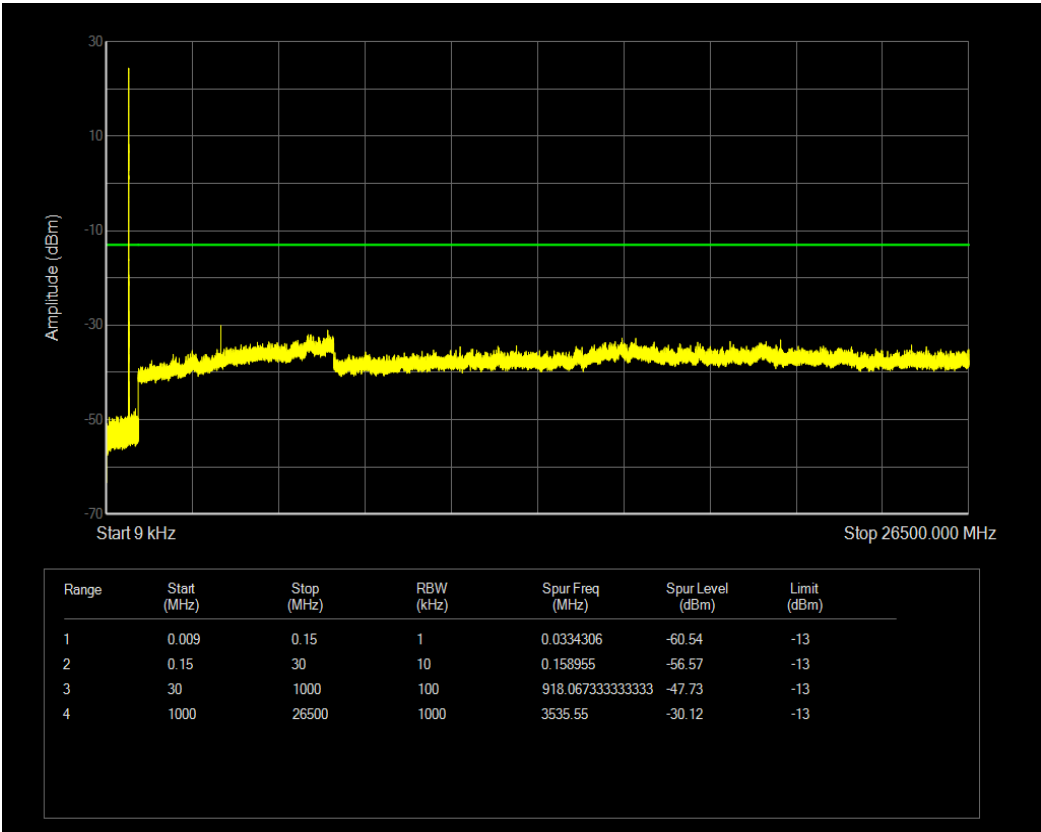
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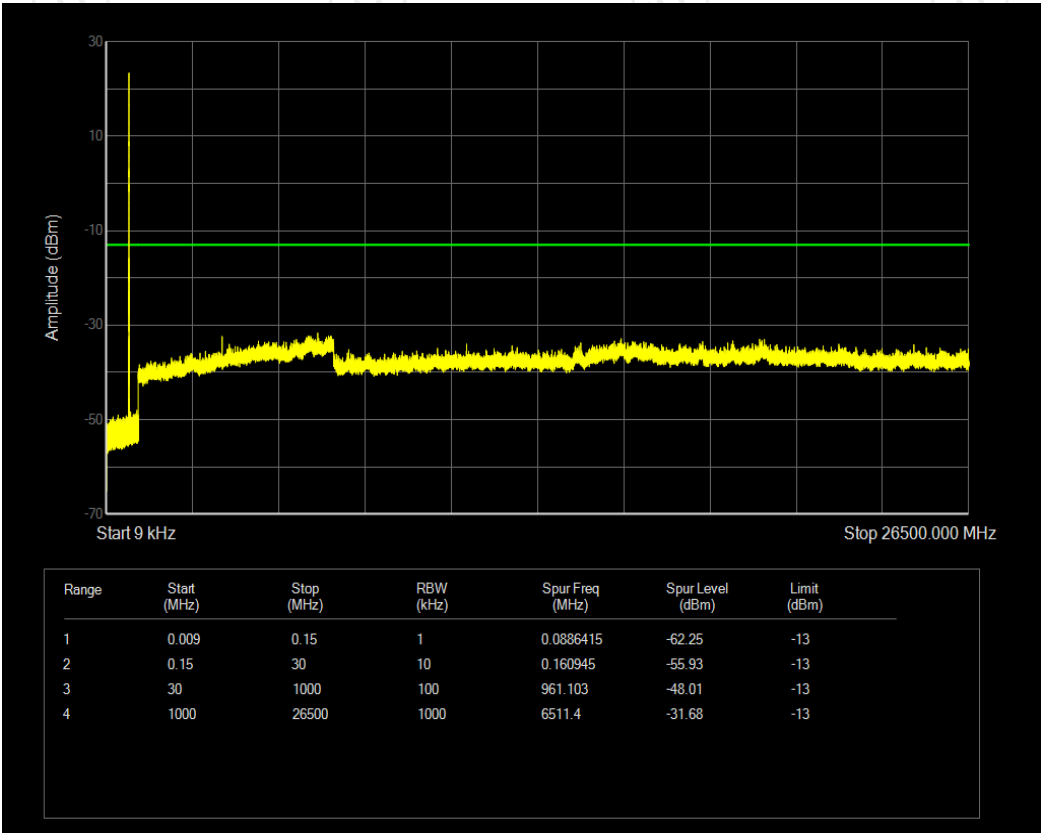
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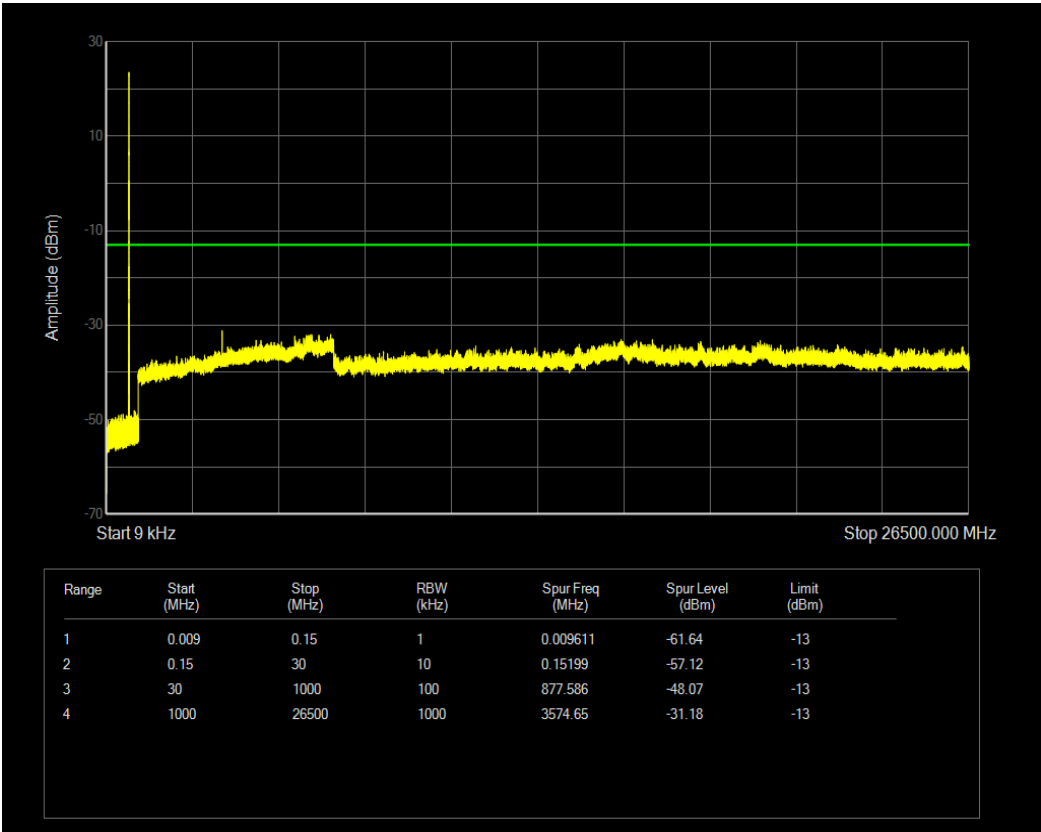
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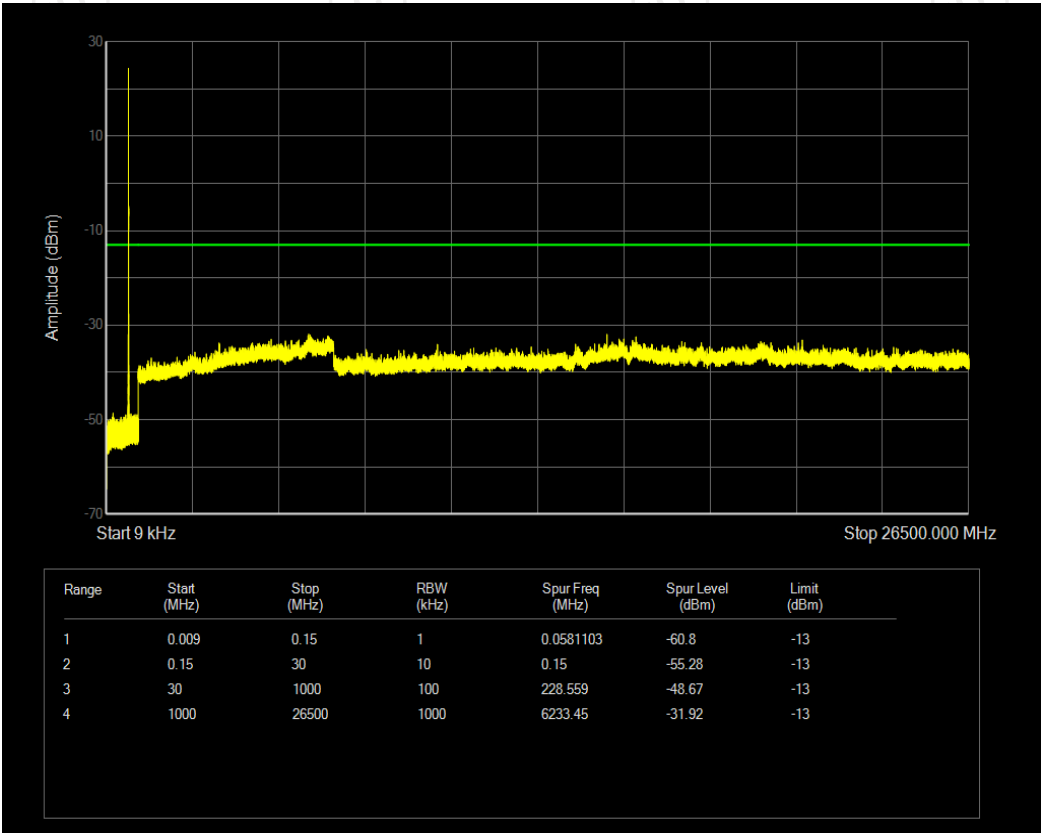
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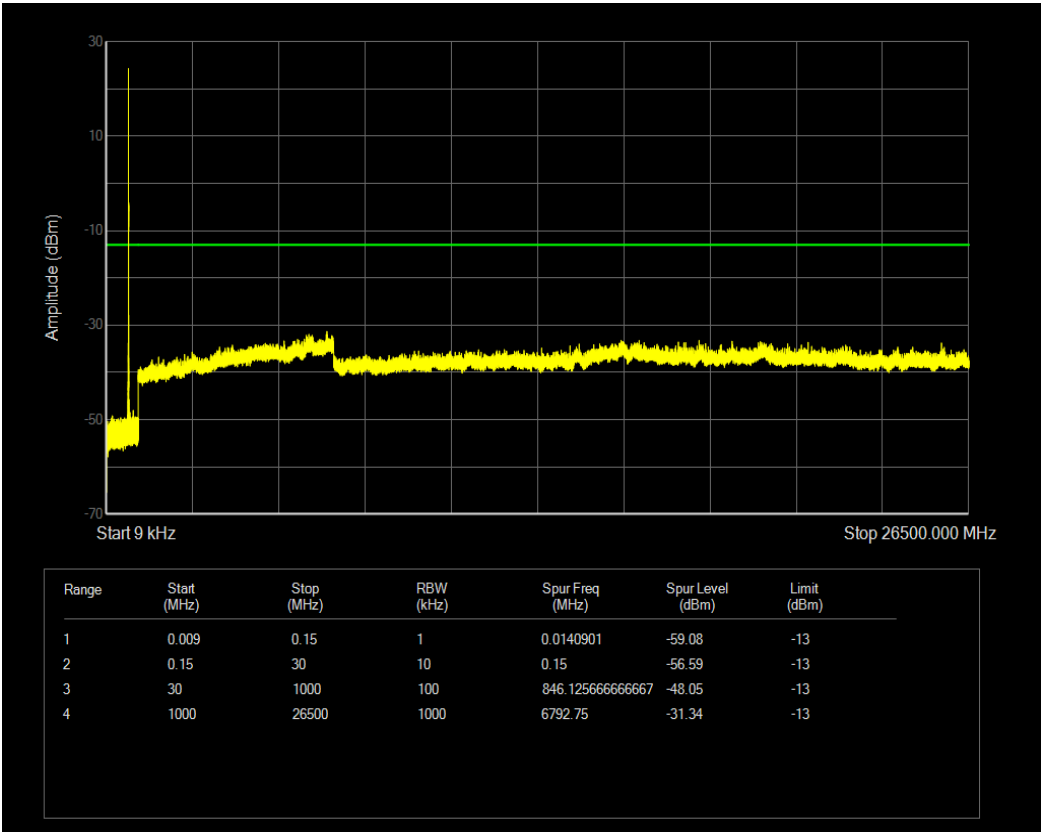
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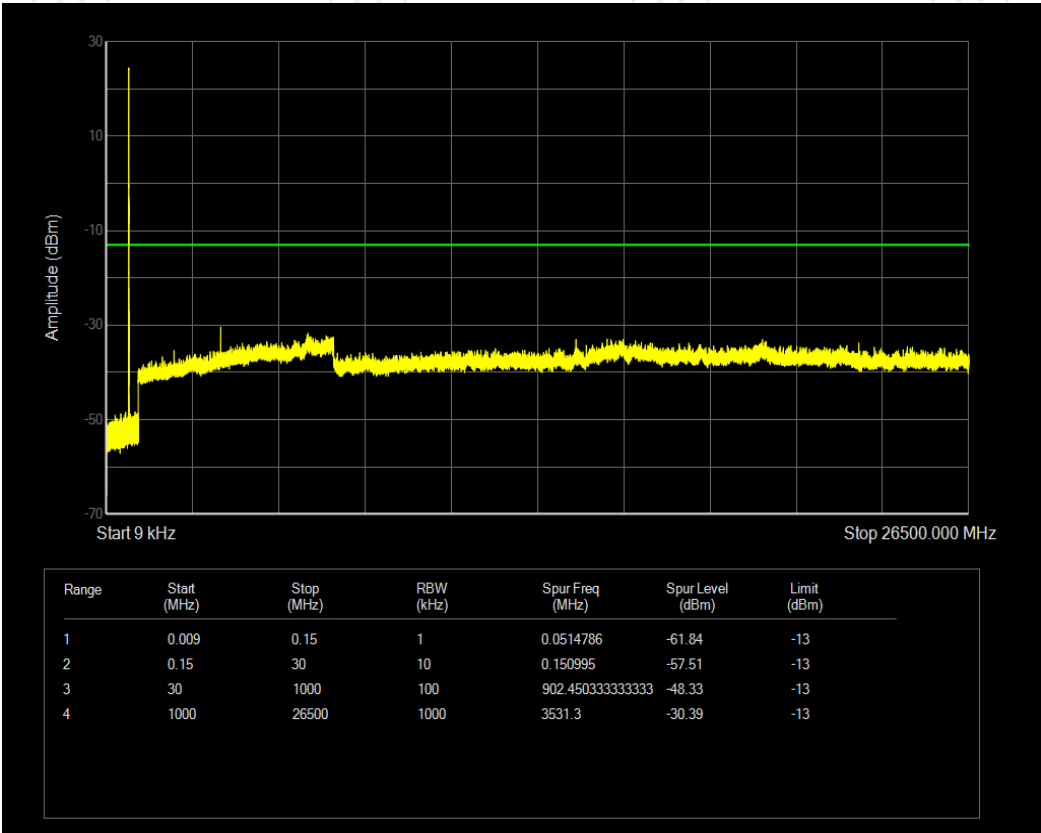
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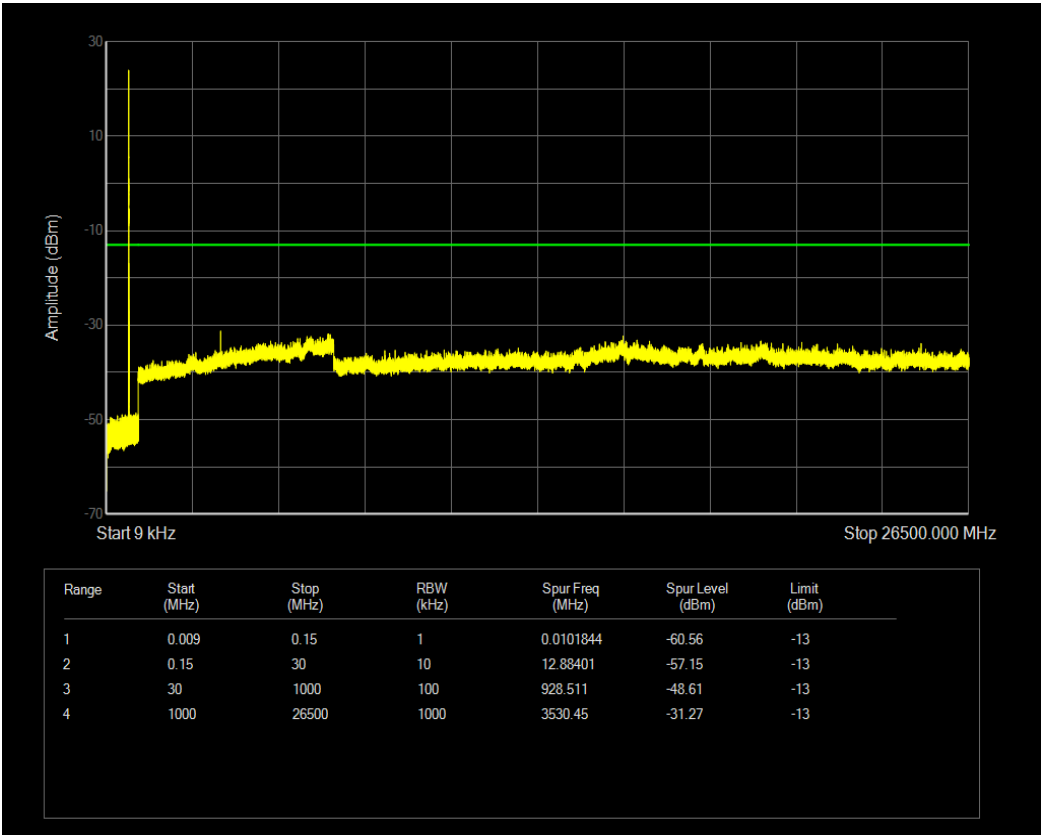
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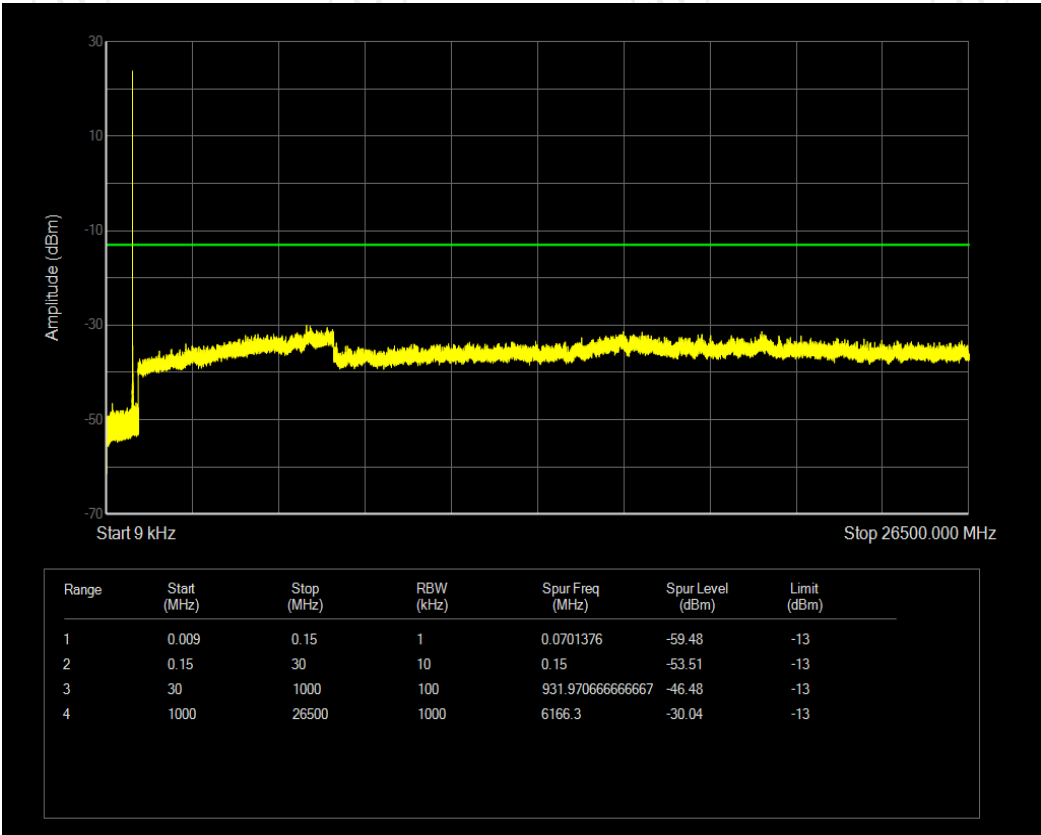
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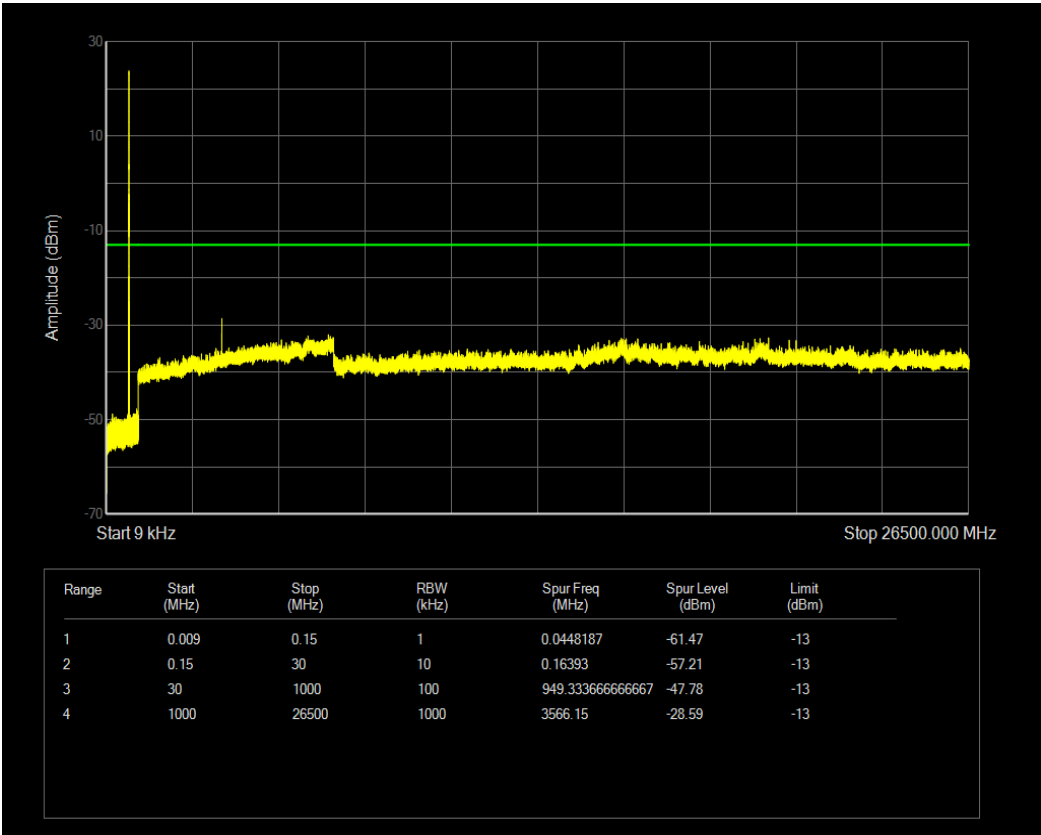
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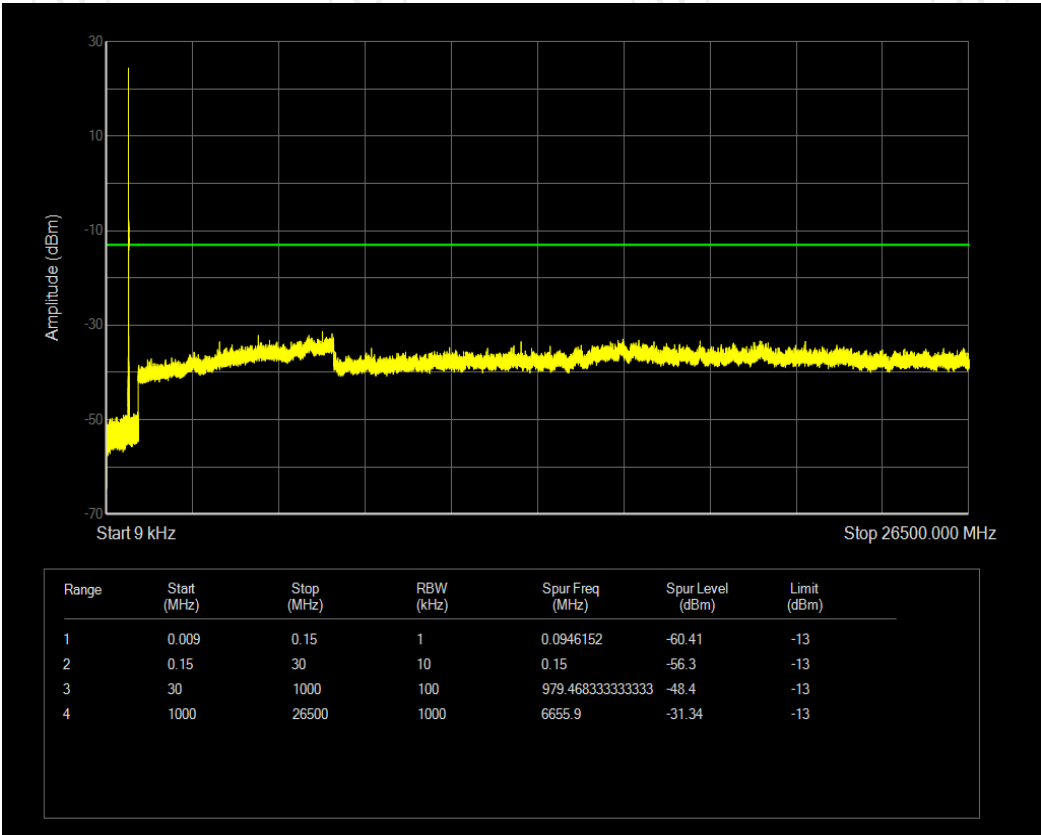
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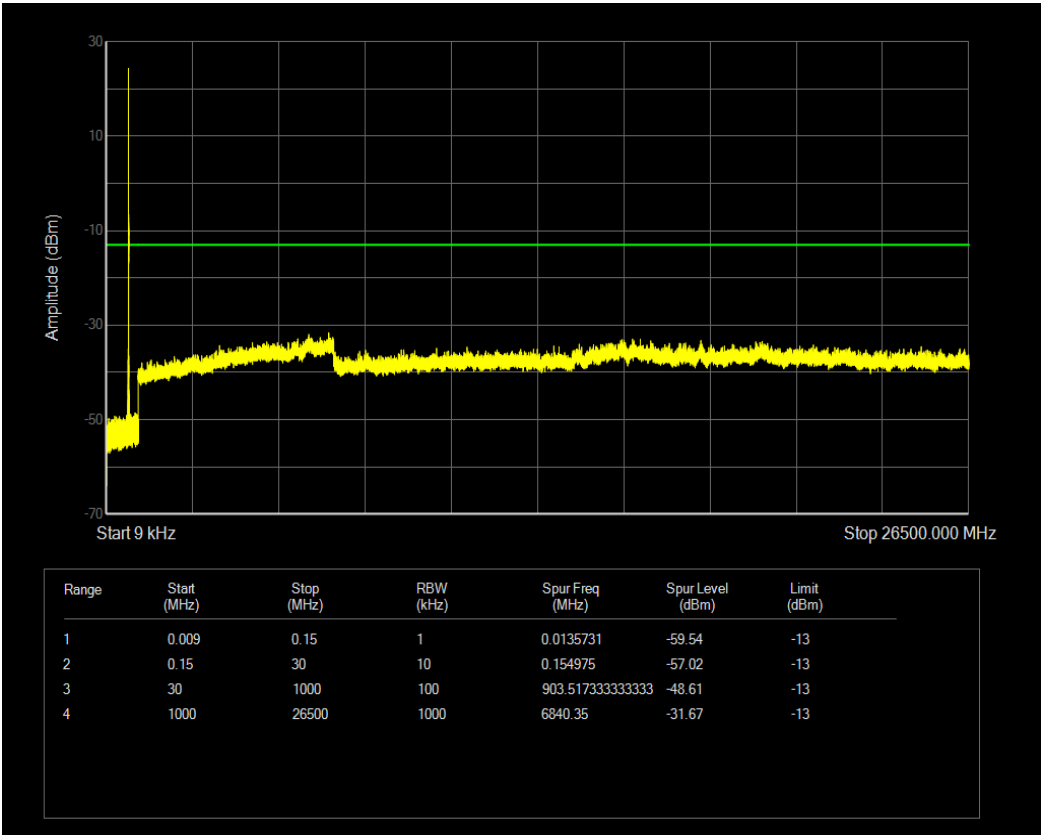
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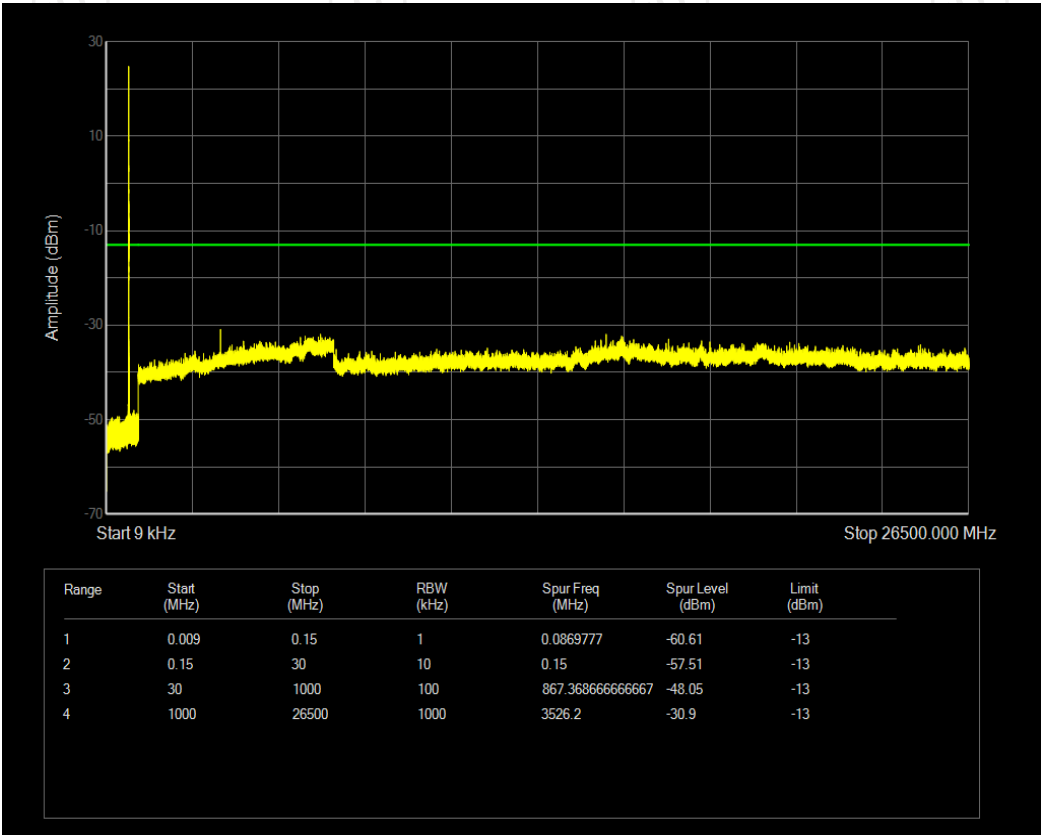
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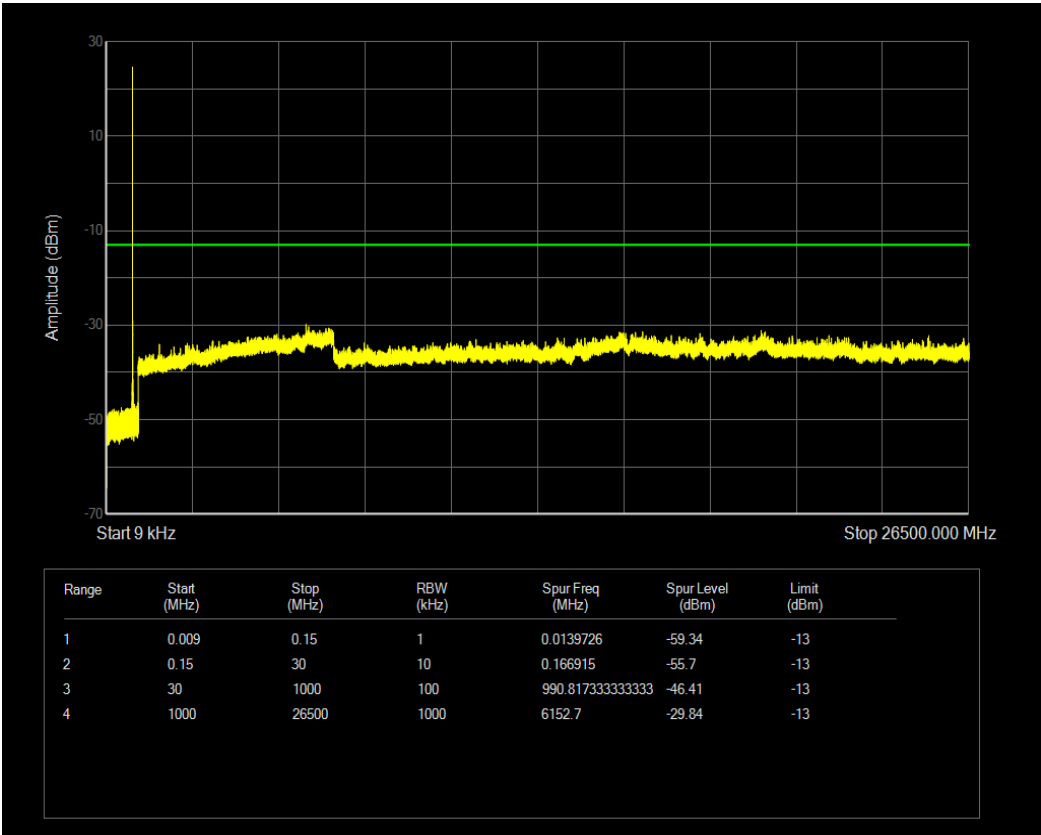
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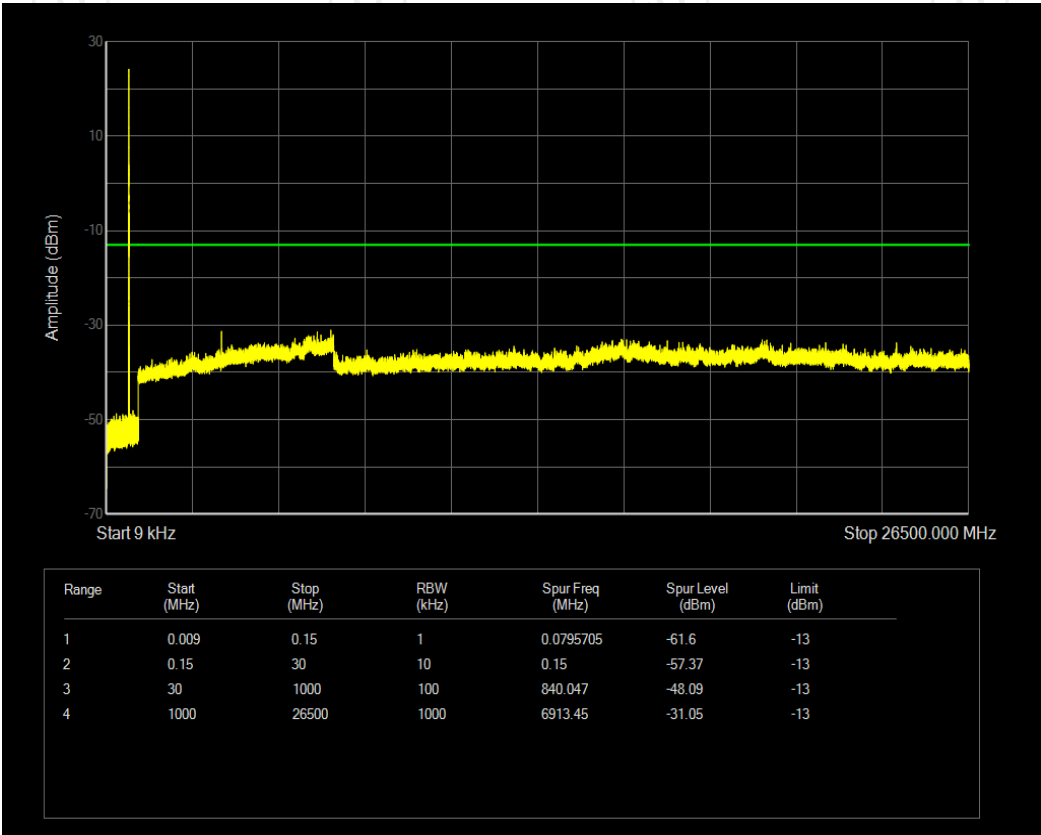
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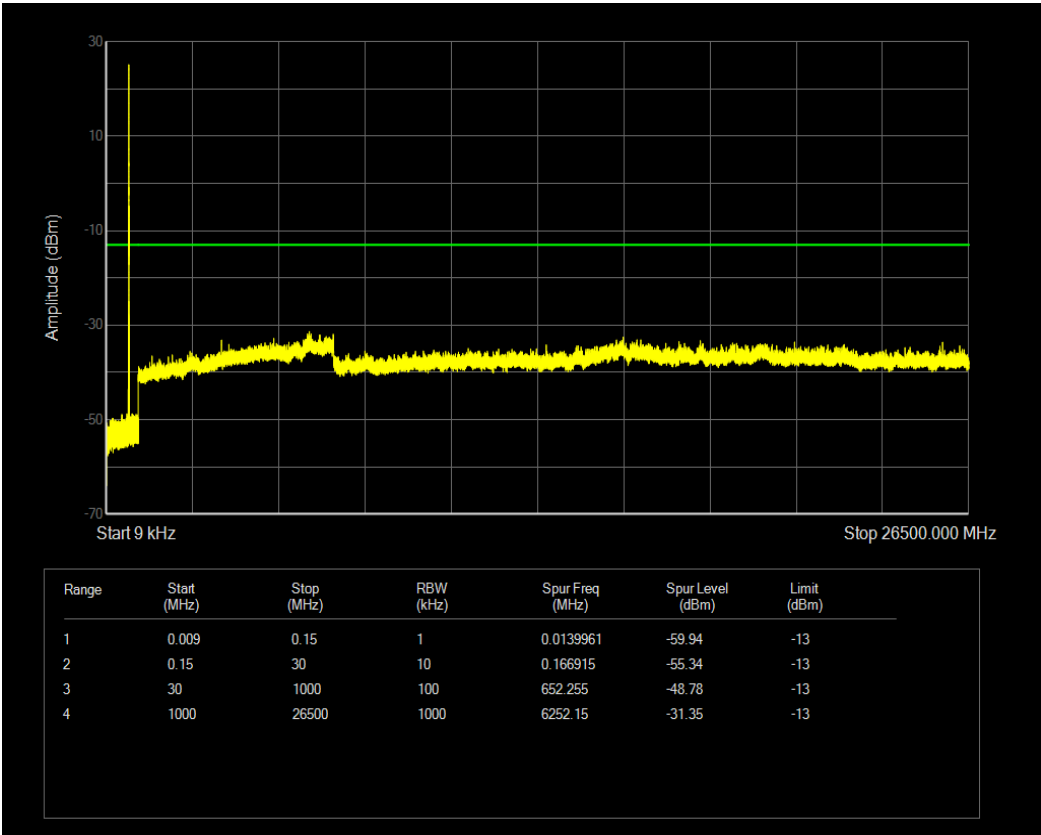
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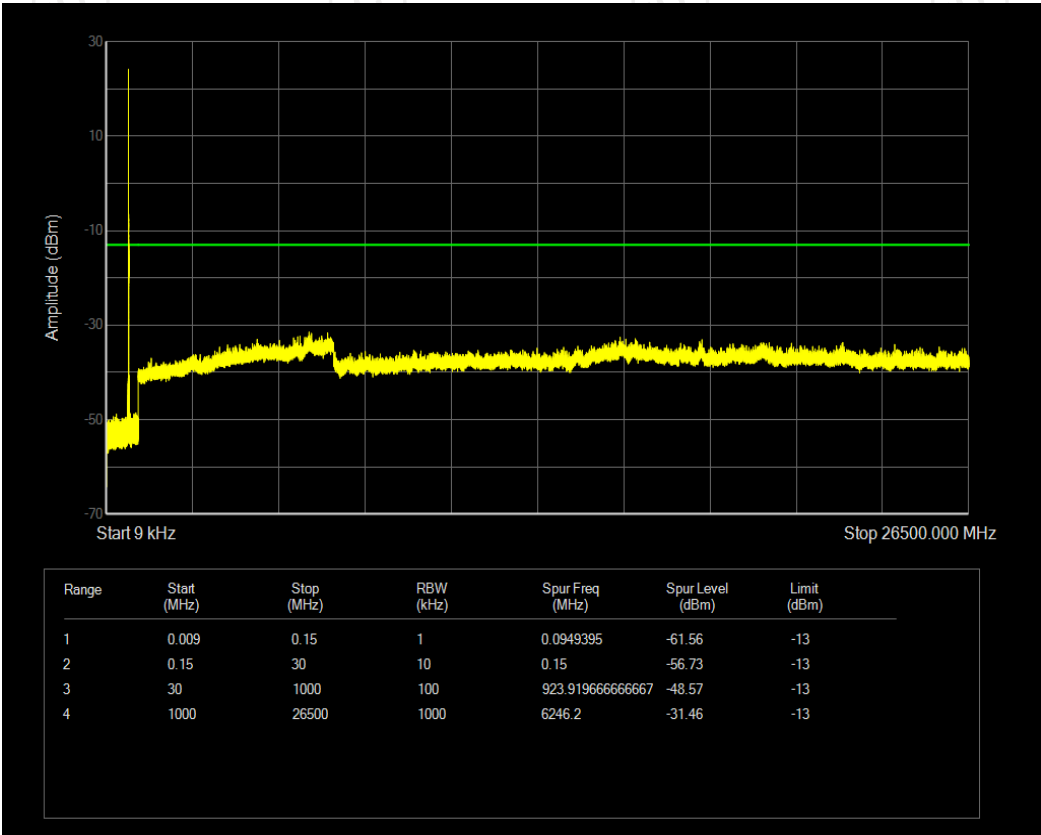
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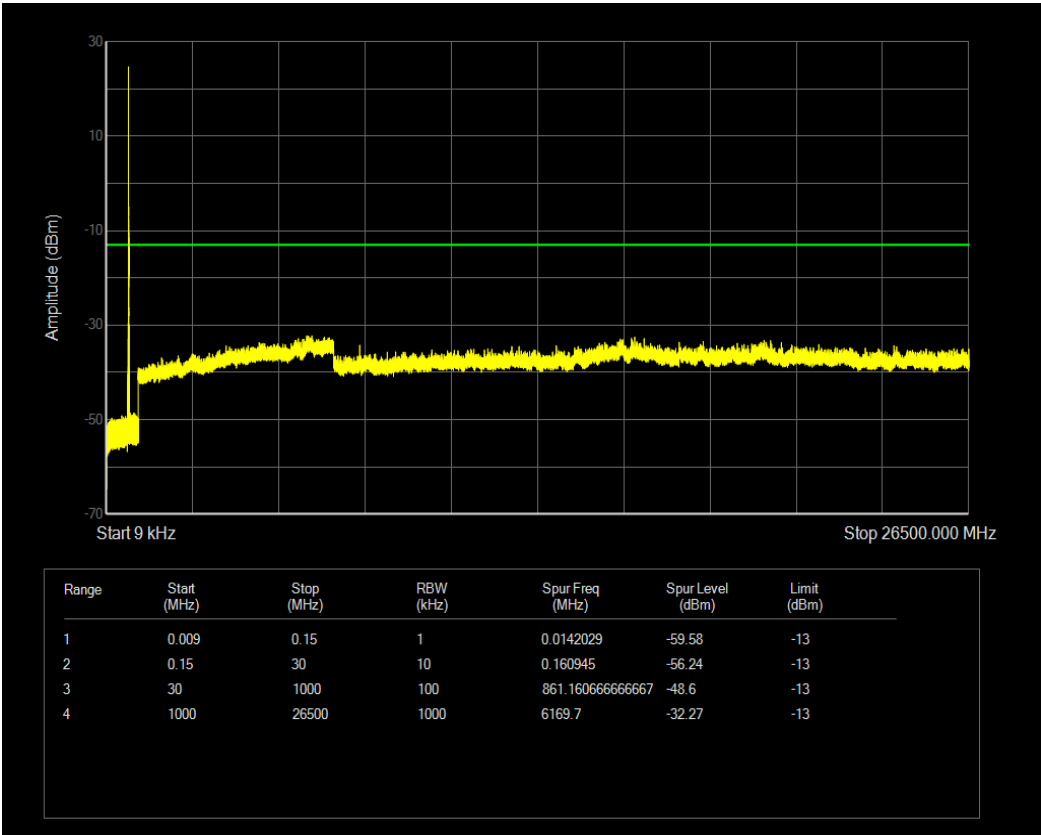
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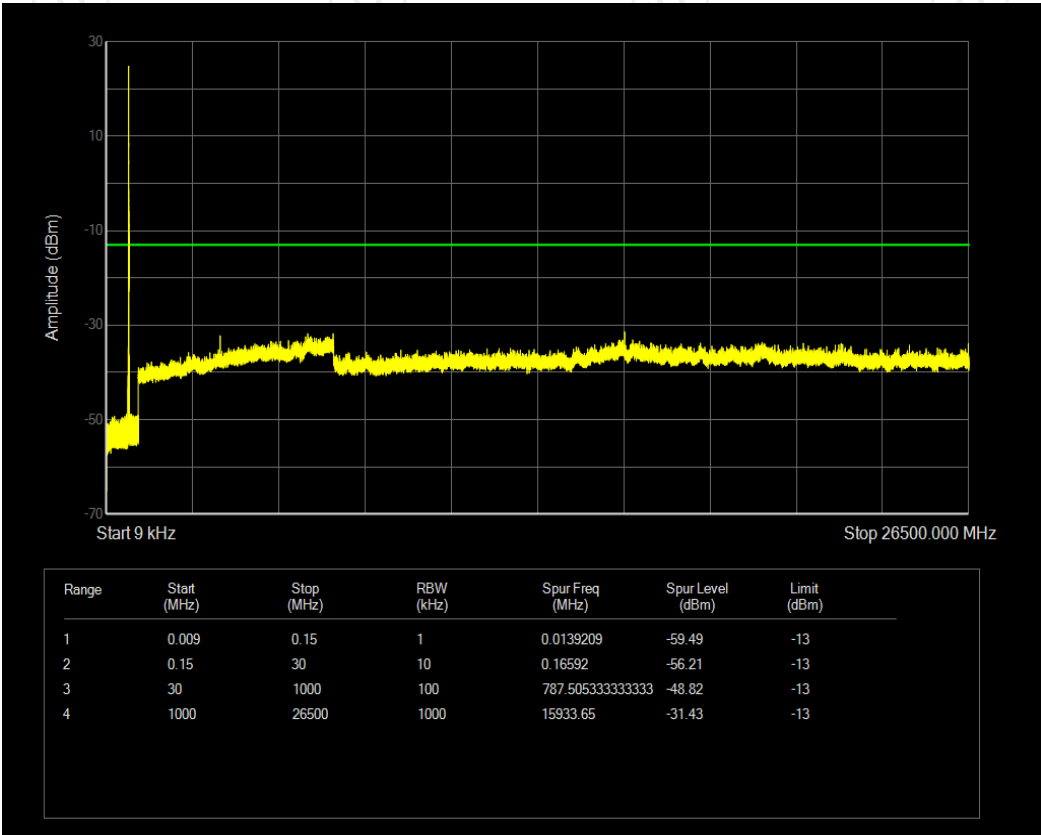
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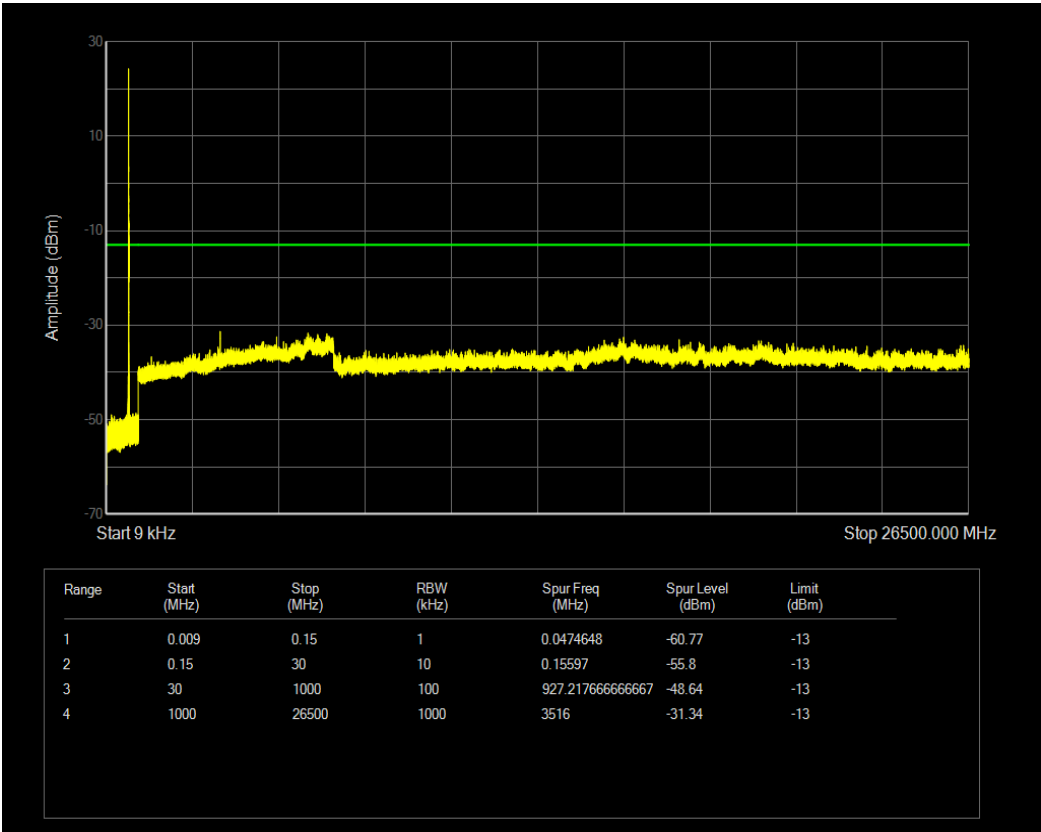
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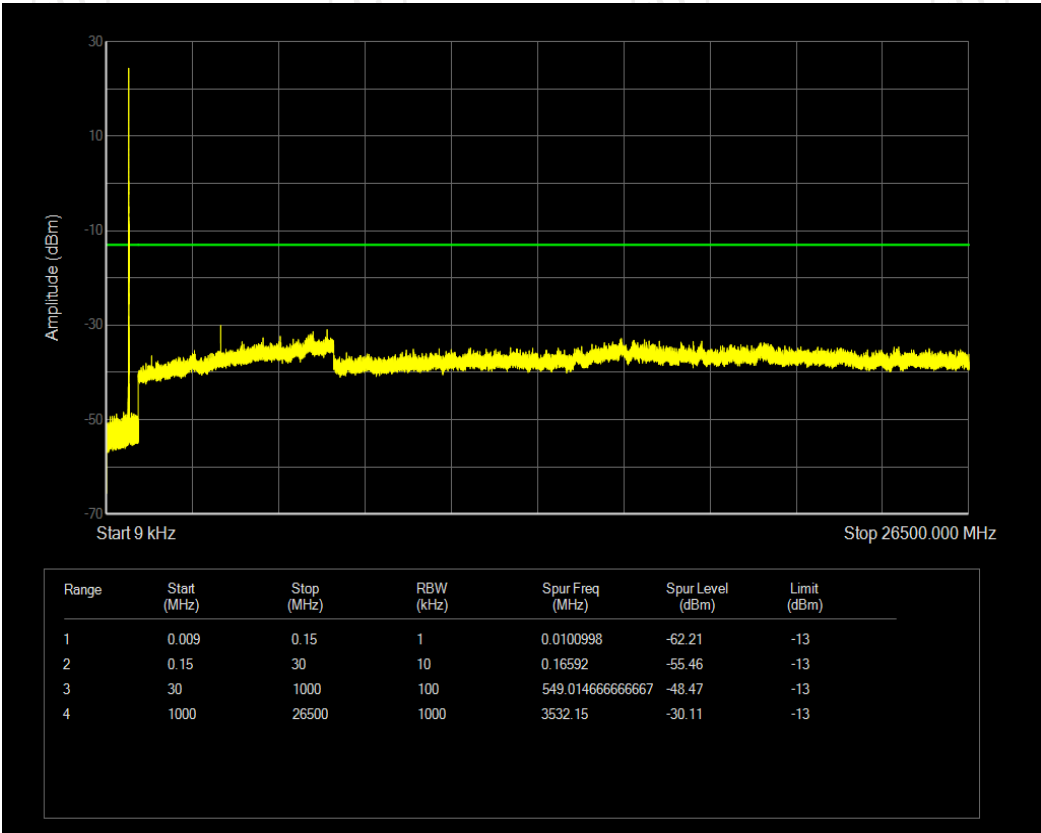
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0

