

## 1 Conducted output power

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dBm) | ERP<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|----------------|---------------|--------------|---------|
| Band5 | 1.4                | 20407         | 1          | #0             | QPSK       | 23.84          | -1.57         | 20.12        | PASS    |
| Band5 | 1.4                | 20407         | 1          | #Mid           | QPSK       | 23.94          | -1.57         | 20.22        | PASS    |
| Band5 | 1.4                | 20407         | 1          | #Max           | QPSK       | 23.85          | -1.57         | 20.13        | PASS    |
| Band5 | 1.4                | 20407         | 3          | #0             | QPSK       | 23.92          | -1.57         | 20.2         | PASS    |
| Band5 | 1.4                | 20407         | 3          | #Mid           | QPSK       | 23.98          | -1.57         | 20.26        | PASS    |
| Band5 | 1.4                | 20407         | 3          | #Max           | QPSK       | 23.92          | -1.57         | 20.2         | PASS    |
| Band5 | 1.4                | 20407         | 6          | #0             | QPSK       | 22.99          | -1.57         | 19.27        | PASS    |
| Band5 | 1.4                | 20407         | 1          | #0             | 16QAM      | 23.02          | -1.57         | 19.3         | PASS    |
| Band5 | 1.4                | 20407         | 1          | #Mid           | 16QAM      | 23.26          | -1.57         | 19.54        | PASS    |
| Band5 | 1.4                | 20407         | 1          | #Max           | 16QAM      | 23.19          | -1.57         | 19.47        | PASS    |
| Band5 | 1.4                | 20407         | 3          | #0             | 16QAM      | 22.95          | -1.57         | 19.23        | PASS    |
| Band5 | 1.4                | 20407         | 3          | #Mid           | 16QAM      | 23.00          | -1.57         | 19.28        | PASS    |
| Band5 | 1.4                | 20407         | 3          | #Max           | 16QAM      | 22.94          | -1.57         | 19.22        | PASS    |
| Band5 | 1.4                | 20407         | 6          | #0             | 16QAM      | 22.07          | -1.57         | 18.35        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #0             | QPSK       | 23.61          | -1.57         | 19.89        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #Mid           | QPSK       | 23.71          | -1.57         | 19.99        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #Max           | QPSK       | 23.58          | -1.57         | 19.86        | PASS    |
| Band5 | 1.4                | 20525         | 3          | #0             | QPSK       | 23.72          | -1.57         | 20           | PASS    |
| Band5 | 1.4                | 20525         | 3          | #Mid           | QPSK       | 23.72          | -1.57         | 20           | PASS    |
| Band5 | 1.4                | 20525         | 3          | #Max           | QPSK       | 23.70          | -1.57         | 19.98        | PASS    |
| Band5 | 1.4                | 20525         | 6          | #0             | QPSK       | 22.76          | -1.57         | 19.04        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #0             | 16QAM      | 22.91          | -1.57         | 19.19        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #Mid           | 16QAM      | 23.01          | -1.57         | 19.29        | PASS    |
| Band5 | 1.4                | 20525         | 1          | #Max           | 16QAM      | 22.90          | -1.57         | 19.18        | PASS    |
| Band5 | 1.4                | 20525         | 3          | #0             | 16QAM      | 22.72          | -1.57         | 19           | PASS    |
| Band5 | 1.4                | 20525         | 3          | #Mid           | 16QAM      | 22.82          | -1.57         | 19.1         | PASS    |
| Band5 | 1.4                | 20525         | 3          | #Max           | 16QAM      | 22.70          | -1.57         | 18.98        | PASS    |
| Band5 | 1.4                | 20525         | 6          | #0             | 16QAM      | 21.87          | -1.57         | 18.15        | PASS    |
| Band5 | 1.4                | 20643         | 1          | #0             | QPSK       | 23.70          | -1.57         | 19.98        | PASS    |
| Band5 | 1.4                | 20643         | 1          | #Mid           | QPSK       | 23.82          | -1.57         | 20.1         | PASS    |
| Band5 | 1.4                | 20643         | 1          | #Max           | QPSK       | 23.67          | -1.57         | 19.95        | PASS    |
| Band5 | 1.4                | 20643         | 3          | #0             | QPSK       | 23.79          | -1.57         | 20.07        | PASS    |
| Band5 | 1.4                | 20643         | 3          | #Mid           | QPSK       | 23.81          | -1.57         | 20.09        | PASS    |
| Band5 | 1.4                | 20643         | 3          | #Max           | QPSK       | 23.78          | -1.57         | 20.06        | PASS    |
| Band5 | 1.4                | 20643         | 6          | #0             | QPSK       | 22.86          | -1.57         | 19.14        | PASS    |
| Band5 | 1.4                | 20643         | 1          | #0             | 16QAM      | 22.96          | -1.57         | 19.24        | PASS    |
| Band5 | 1.4                | 20643         | 1          | #Mid           | 16QAM      | 23.12          | -1.57         | 19.4         | PASS    |
| Band5 | 1.4                | 20643         | 1          | #Max           | 16QAM      | 22.98          | -1.57         | 19.26        | PASS    |
| Band5 | 1.4                | 20643         | 3          | #0             | 16QAM      | 22.77          | -1.57         | 19.05        | PASS    |

|       |     |       |    |      |       |       |       |       |      |
|-------|-----|-------|----|------|-------|-------|-------|-------|------|
| Band5 | 1.4 | 20643 | 3  | #Mid | 16QAM | 22.79 | -1.57 | 19.07 | PASS |
| Band5 | 1.4 | 20643 | 3  | #Max | 16QAM | 22.82 | -1.57 | 19.1  | PASS |
| Band5 | 1.4 | 20643 | 6  | #0   | 16QAM | 21.99 | -1.57 | 18.27 | PASS |
| Band5 | 3   | 20415 | 1  | #0   | QPSK  | 23.91 | -1.57 | 20.19 | PASS |
| Band5 | 3   | 20415 | 1  | #Mid | QPSK  | 23.90 | -1.57 | 20.18 | PASS |
| Band5 | 3   | 20415 | 1  | #Max | QPSK  | 23.92 | -1.57 | 20.2  | PASS |
| Band5 | 3   | 20415 | 8  | #0   | QPSK  | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 3   | 20415 | 8  | #Mid | QPSK  | 23.02 | -1.57 | 19.3  | PASS |
| Band5 | 3   | 20415 | 8  | #Max | QPSK  | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 3   | 20415 | 15 | #0   | QPSK  | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 3   | 20415 | 1  | #0   | 16QAM | 23.19 | -1.57 | 19.47 | PASS |
| Band5 | 3   | 20415 | 1  | #Mid | 16QAM | 23.22 | -1.57 | 19.5  | PASS |
| Band5 | 3   | 20415 | 1  | #Max | 16QAM | 23.14 | -1.57 | 19.42 | PASS |
| Band5 | 3   | 20415 | 8  | #0   | 16QAM | 22.03 | -1.57 | 18.31 | PASS |
| Band5 | 3   | 20415 | 8  | #Mid | 16QAM | 22.11 | -1.57 | 18.39 | PASS |
| Band5 | 3   | 20415 | 8  | #Max | 16QAM | 22.05 | -1.57 | 18.33 | PASS |
| Band5 | 3   | 20415 | 15 | #0   | 16QAM | 21.98 | -1.57 | 18.26 | PASS |
| Band5 | 3   | 20525 | 1  | #0   | QPSK  | 23.74 | -1.57 | 20.02 | PASS |
| Band5 | 3   | 20525 | 1  | #Mid | QPSK  | 23.67 | -1.57 | 19.95 | PASS |
| Band5 | 3   | 20525 | 1  | #Max | QPSK  | 23.70 | -1.57 | 19.98 | PASS |
| Band5 | 3   | 20525 | 8  | #0   | QPSK  | 22.78 | -1.57 | 19.06 | PASS |
| Band5 | 3   | 20525 | 8  | #Mid | QPSK  | 22.82 | -1.57 | 19.1  | PASS |
| Band5 | 3   | 20525 | 8  | #Max | QPSK  | 22.79 | -1.57 | 19.07 | PASS |
| Band5 | 3   | 20525 | 15 | #0   | QPSK  | 22.79 | -1.57 | 19.07 | PASS |
| Band5 | 3   | 20525 | 1  | #0   | 16QAM | 23.07 | -1.57 | 19.35 | PASS |
| Band5 | 3   | 20525 | 1  | #Mid | 16QAM | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 3   | 20525 | 1  | #Max | 16QAM | 22.92 | -1.57 | 19.2  | PASS |
| Band5 | 3   | 20525 | 8  | #0   | 16QAM | 21.85 | -1.57 | 18.13 | PASS |
| Band5 | 3   | 20525 | 8  | #Mid | 16QAM | 21.92 | -1.57 | 18.2  | PASS |
| Band5 | 3   | 20525 | 8  | #Max | 16QAM | 21.85 | -1.57 | 18.13 | PASS |
| Band5 | 3   | 20525 | 15 | #0   | 16QAM | 21.82 | -1.57 | 18.1  | PASS |
| Band5 | 3   | 20635 | 1  | #0   | QPSK  | 23.76 | -1.57 | 20.04 | PASS |
| Band5 | 3   | 20635 | 1  | #Mid | QPSK  | 23.74 | -1.57 | 20.02 | PASS |
| Band5 | 3   | 20635 | 1  | #Max | QPSK  | 23.76 | -1.57 | 20.04 | PASS |
| Band5 | 3   | 20635 | 8  | #0   | QPSK  | 22.84 | -1.57 | 19.12 | PASS |
| Band5 | 3   | 20635 | 8  | #Mid | QPSK  | 22.89 | -1.57 | 19.17 | PASS |
| Band5 | 3   | 20635 | 8  | #Max | QPSK  | 22.85 | -1.57 | 19.13 | PASS |
| Band5 | 3   | 20635 | 15 | #0   | QPSK  | 22.87 | -1.57 | 19.15 | PASS |
| Band5 | 3   | 20635 | 1  | #0   | 16QAM | 23.11 | -1.57 | 19.39 | PASS |
| Band5 | 3   | 20635 | 1  | #Mid | 16QAM | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 3   | 20635 | 1  | #Max | 16QAM | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 3   | 20635 | 8  | #0   | 16QAM | 21.94 | -1.57 | 18.22 | PASS |
| Band5 | 3   | 20635 | 8  | #Mid | 16QAM | 21.95 | -1.57 | 18.23 | PASS |

|       |   |       |    |      |       |       |       |       |      |
|-------|---|-------|----|------|-------|-------|-------|-------|------|
| Band5 | 3 | 20635 | 8  | #Max | 16QAM | 21.93 | -1.57 | 18.21 | PASS |
| Band5 | 3 | 20635 | 15 | #0   | 16QAM | 21.89 | -1.57 | 18.17 | PASS |
| Band5 | 5 | 20425 | 1  | #0   | QPSK  | 23.81 | -1.57 | 20.09 | PASS |
| Band5 | 5 | 20425 | 1  | #Mid | QPSK  | 23.92 | -1.57 | 20.2  | PASS |
| Band5 | 5 | 20425 | 1  | #Max | QPSK  | 23.02 | -1.57 | 19.3  | PASS |
| Band5 | 5 | 20425 | 12 | #0   | QPSK  | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 5 | 20425 | 12 | #Mid | QPSK  | 21.74 | -1.57 | 18.02 | PASS |
| Band5 | 5 | 20425 | 12 | #Max | QPSK  | 23.02 | -1.57 | 19.3  | PASS |
| Band5 | 5 | 20425 | 25 | #0   | QPSK  | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 5 | 20425 | 1  | #0   | 16QAM | 23.15 | -1.57 | 19.43 | PASS |
| Band5 | 5 | 20425 | 1  | #Mid | 16QAM | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 5 | 20425 | 1  | #Max | 16QAM | 23.11 | -1.57 | 19.39 | PASS |
| Band5 | 5 | 20425 | 12 | #0   | 16QAM | 20.16 | -1.57 | 16.44 | PASS |
| Band5 | 5 | 20425 | 12 | #Mid | 16QAM | 22.05 | -1.57 | 18.33 | PASS |
| Band5 | 5 | 20425 | 12 | #Max | 16QAM | 19.80 | -1.57 | 16.08 | PASS |
| Band5 | 5 | 20425 | 25 | #0   | 16QAM | 22.02 | -1.57 | 18.3  | PASS |
| Band5 | 5 | 20525 | 1  | #0   | QPSK  | 23.64 | -1.57 | 19.92 | PASS |
| Band5 | 5 | 20525 | 1  | #Mid | QPSK  | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 5 | 20525 | 1  | #Max | QPSK  | 23.57 | -1.57 | 19.85 | PASS |
| Band5 | 5 | 20525 | 12 | #0   | QPSK  | 22.81 | -1.57 | 19.09 | PASS |
| Band5 | 5 | 20525 | 12 | #Mid | QPSK  | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 5 | 20525 | 12 | #Max | QPSK  | 22.81 | -1.57 | 19.09 | PASS |
| Band5 | 5 | 20525 | 25 | #0   | QPSK  | 22.81 | -1.57 | 19.09 | PASS |
| Band5 | 5 | 20525 | 1  | #0   | 16QAM | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 5 | 20525 | 1  | #Mid | 16QAM | 22.99 | -1.57 | 19.27 | PASS |
| Band5 | 5 | 20525 | 1  | #Max | 16QAM | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 5 | 20525 | 12 | #0   | 16QAM | 21.81 | -1.57 | 18.09 | PASS |
| Band5 | 5 | 20525 | 12 | #Mid | 16QAM | 21.87 | -1.57 | 18.15 | PASS |
| Band5 | 5 | 20525 | 12 | #Max | 16QAM | 21.79 | -1.57 | 18.07 | PASS |
| Band5 | 5 | 20525 | 25 | #0   | 16QAM | 20.72 | -1.57 | 17    | PASS |
| Band5 | 5 | 20625 | 1  | #0   | QPSK  | 21.62 | -1.57 | 17.9  | PASS |
| Band5 | 5 | 20625 | 1  | #Mid | QPSK  | 23.77 | -1.57 | 20.05 | PASS |
| Band5 | 5 | 20625 | 1  | #Max | QPSK  | 23.67 | -1.57 | 19.95 | PASS |
| Band5 | 5 | 20625 | 12 | #0   | QPSK  | 22.85 | -1.57 | 19.13 | PASS |
| Band5 | 5 | 20625 | 12 | #Mid | QPSK  | 22.89 | -1.57 | 19.17 | PASS |
| Band5 | 5 | 20625 | 12 | #Max | QPSK  | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 5 | 20625 | 25 | #0   | QPSK  | 22.81 | -1.57 | 19.09 | PASS |
| Band5 | 5 | 20625 | 1  | #0   | 16QAM | 22.02 | -1.57 | 18.3  | PASS |
| Band5 | 5 | 20625 | 1  | #Mid | 16QAM | 23.15 | -1.57 | 19.43 | PASS |
| Band5 | 5 | 20625 | 1  | #Max | 16QAM | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 5 | 20625 | 12 | #0   | 16QAM | 22.81 | -1.57 | 19.09 | PASS |
| Band5 | 5 | 20625 | 12 | #Mid | 16QAM | 21.90 | -1.57 | 18.18 | PASS |
| Band5 | 5 | 20625 | 12 | #Max | 16QAM | 21.83 | -1.57 | 18.11 | PASS |

|       |    |       |    |      |       |       |       |       |      |
|-------|----|-------|----|------|-------|-------|-------|-------|------|
| Band5 | 5  | 20625 | 25 | #0   | 16QAM | 21.83 | -1.57 | 18.11 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QPSK  | 23.90 | -1.57 | 20.18 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QPSK  | 23.98 | -1.57 | 20.26 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QPSK  | 23.69 | -1.57 | 19.97 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QPSK  | 23.07 | -1.57 | 19.35 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | QPSK  | 23.04 | -1.57 | 19.32 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QPSK  | 22.93 | -1.57 | 19.21 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | QPSK  | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | 16QAM | 23.20 | -1.57 | 19.48 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | 16QAM | 23.17 | -1.57 | 19.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | 16QAM | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | 16QAM | 22.08 | -1.57 | 18.36 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | 16QAM | 22.05 | -1.57 | 18.33 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | 16QAM | 21.92 | -1.57 | 18.2  | PASS |
| Band5 | 10 | 20450 | 50 | #0   | 16QAM | 22.01 | -1.57 | 18.29 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QPSK  | 23.73 | -1.57 | 20.01 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QPSK  | 23.80 | -1.57 | 20.08 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QPSK  | 23.65 | -1.57 | 19.93 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QPSK  | 22.87 | -1.57 | 19.15 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | QPSK  | 22.93 | -1.57 | 19.21 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | QPSK  | 22.83 | -1.57 | 19.11 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QPSK  | 22.86 | -1.57 | 19.14 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | 16QAM | 22.96 | -1.57 | 19.24 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | 16QAM | 23.16 | -1.57 | 19.44 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | 16QAM | 23.01 | -1.57 | 19.29 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | 16QAM | 21.90 | -1.57 | 18.18 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | 16QAM | 21.91 | -1.57 | 18.19 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | 16QAM | 21.82 | -1.57 | 18.1  | PASS |
| Band5 | 10 | 20525 | 50 | #0   | 16QAM | 21.85 | -1.57 | 18.13 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QPSK  | 23.67 | -1.57 | 19.95 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QPSK  | 23.86 | -1.57 | 20.14 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QPSK  | 23.72 | -1.57 | 20    | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QPSK  | 22.93 | -1.57 | 19.21 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | QPSK  | 22.87 | -1.57 | 19.15 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QPSK  | 22.84 | -1.57 | 19.12 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QPSK  | 22.92 | -1.57 | 19.2  | PASS |
| Band5 | 10 | 20600 | 1  | #0   | 16QAM | 22.92 | -1.57 | 19.2  | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | 16QAM | 23.08 | -1.57 | 19.36 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | 16QAM | 22.98 | -1.57 | 19.26 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | 16QAM | 21.94 | -1.57 | 18.22 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | 16QAM | 21.89 | -1.57 | 18.17 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | 16QAM | 21.85 | -1.57 | 18.13 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | 16QAM | 21.92 | -1.57 | 18.2  | PASS |

## 2 Frequency stability

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VL            | NT               | -11.31         | -0.013714       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VN            | NT               | -5.98          | -0.007251       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT               | -11.99         | -0.014539       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT               | -9.30          | -0.011118       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT               | -9.25          | -0.011058       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT               | -5.86          | -0.007005       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT               | -10.09         | -0.011894       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT               | 3.57           | 0.004208        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT               | -7.17          | -0.008452       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT               | -5.63          | -0.006827       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT               | -5.70          | -0.006912       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT               | 3.97           | 0.004814        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT               | -6.68          | -0.007986       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT               | -10.05         | -0.012014       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT               | -11.24         | -0.013437       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT               | -4.39          | -0.005175       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT               | -9.02          | -0.010633       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT               | -10.79         | -0.012720       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -30              | -10.20         | -0.012368       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -20              | -11.11         | -0.013472       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 0                | -8.17          | -0.009907       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 10               | -8.87          | -0.010755       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 20               | -9.33          | -0.011313       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -30              | -8.66          | -0.010353       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -20              | -10.94         | -0.013078       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 0                | -8.00          | -0.009564       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 10               | -8.01          | -0.009576       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 20               | -10.60         | -0.012672       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -30              | -11.32         | -0.013344       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -20              | -12.49         | -0.014724       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | 0                | -3.43          | -0.004043       | ±2.5        | PASS    |

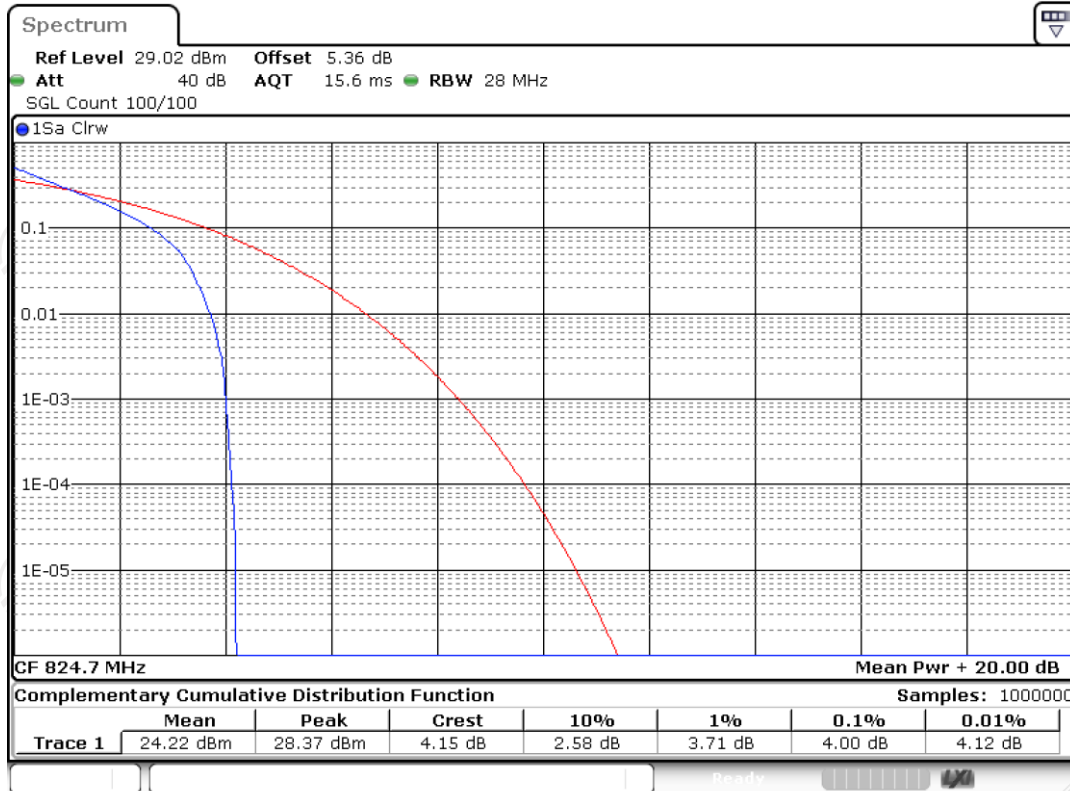
|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 10  | -9.96  | -0.011741 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 20  | -14.08 | -0.016598 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -30 | -6.06  | -0.007348 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -20 | -11.55 | -0.014005 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 0   | -6.47  | -0.007845 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 10  | -9.32  | -0.011301 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 20  | -10.58 | -0.012829 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -30 | -12.75 | -0.015242 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -20 | -8.25  | -0.009863 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 0   | -4.34  | -0.005188 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 10  | -7.46  | -0.008918 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 20  | -10.24 | -0.012241 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -30 | -5.61  | -0.006613 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -20 | -5.94  | -0.007002 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 0   | -2.62  | -0.003089 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 10  | -10.66 | -0.012566 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 20  | -12.01 | -0.014158 | ±2.5 | PASS |

### 3 Peak-to-Average Ratio

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band5 | 1.4             | 20407      | 1       | #0          | QPSK       | 4.00        | 13              | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | QPSK       | 4.78        | 13              | PASS    |
| Band5 | 1.4             | 20407      | 1       | #0          | 16QAM      | 4.84        | 13              | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | 16QAM      | 5.57        | 13              | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | QPSK       | 4.00        | 13              | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | QPSK       | 4.67        | 13              | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | 16QAM      | 4.96        | 13              | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | 16QAM      | 5.48        | 13              | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | QPSK       | 3.28        | 13              | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | QPSK       | 4.23        | 13              | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | 16QAM      | 4.41        | 13              | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | 16QAM      | 5.22        | 13              | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | QPSK       | 4.26        | 13              | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | QPSK       | 4.96        | 13              | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | 16QAM      | 5.10        | 13              | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | 16QAM      | 5.86        | 13              | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | QPSK       | 4.58        | 13              | PASS    |
| Band5 | 3               | 20525      | 15      | #0          | QPSK       | 4.96        | 13              | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | 16QAM      | 5.51        | 13              | PASS    |
| Band5 | 3               | 20525      | 15      | #0          | 16QAM      | 5.86        | 13              | PASS    |
| Band5 | 3               | 20635      | 1       | #0          | QPSK       | 3.80        | 13              | PASS    |

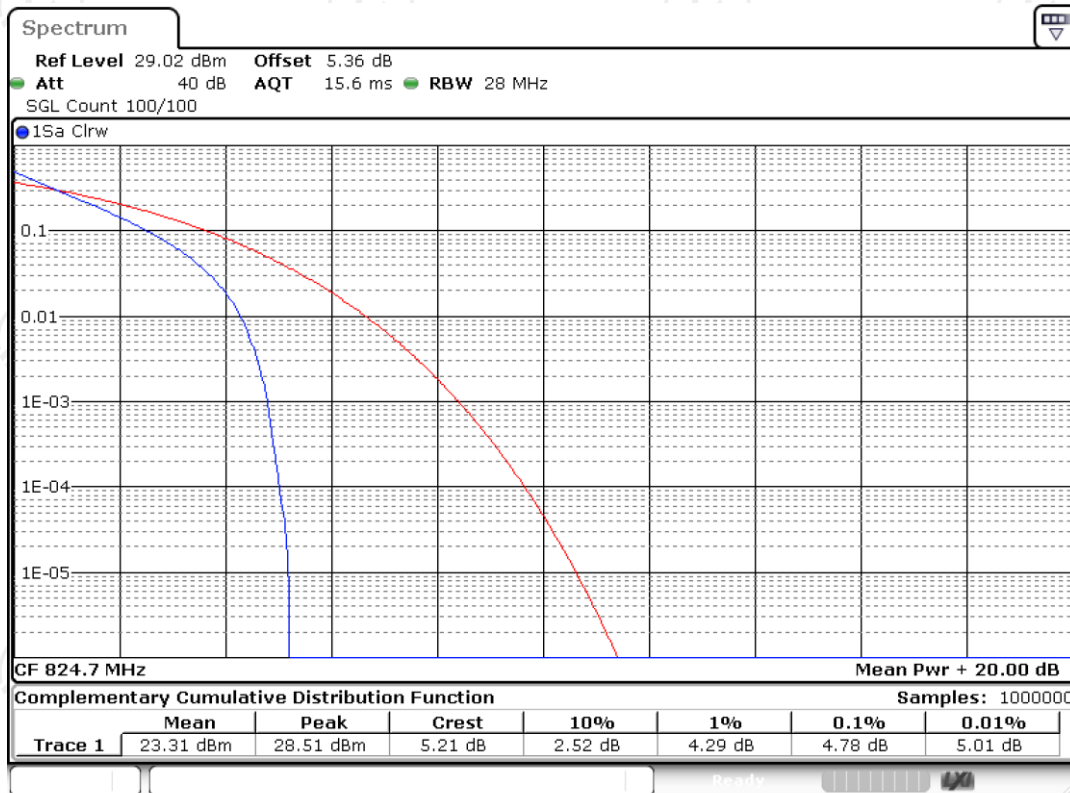
|       |    |       |    |    |       |      |    |      |
|-------|----|-------|----|----|-------|------|----|------|
| Band5 | 3  | 20635 | 15 | #0 | QPSK  | 4.52 | 13 | PASS |
| Band5 | 3  | 20635 | 1  | #0 | 16QAM | 4.70 | 13 | PASS |
| Band5 | 3  | 20635 | 15 | #0 | 16QAM | 5.42 | 13 | PASS |
| Band5 | 5  | 20425 | 1  | #0 | QPSK  | 4.29 | 13 | PASS |
| Band5 | 5  | 20425 | 25 | #0 | QPSK  | 5.04 | 13 | PASS |
| Band5 | 5  | 20425 | 1  | #0 | 16QAM | 5.16 | 13 | PASS |
| Band5 | 5  | 20425 | 25 | #0 | 16QAM | 5.86 | 13 | PASS |
| Band5 | 5  | 20525 | 1  | #0 | QPSK  | 5.01 | 13 | PASS |
| Band5 | 5  | 20525 | 25 | #0 | QPSK  | 5.07 | 13 | PASS |
| Band5 | 5  | 20525 | 1  | #0 | 16QAM | 6.00 | 13 | PASS |
| Band5 | 5  | 20525 | 25 | #0 | 16QAM | 5.88 | 13 | PASS |
| Band5 | 5  | 20625 | 1  | #0 | QPSK  | 4.61 | 13 | PASS |
| Band5 | 5  | 20625 | 25 | #0 | QPSK  | 4.90 | 13 | PASS |
| Band5 | 5  | 20625 | 1  | #0 | 16QAM | 5.51 | 13 | PASS |
| Band5 | 5  | 20625 | 25 | #0 | 16QAM | 5.74 | 13 | PASS |
| Band5 | 10 | 20450 | 1  | #0 | QPSK  | 4.20 | 13 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QPSK  | 5.48 | 13 | PASS |
| Band5 | 10 | 20450 | 1  | #0 | 16QAM | 5.10 | 13 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | 16QAM | 6.20 | 13 | PASS |
| Band5 | 10 | 20525 | 1  | #0 | QPSK  | 5.22 | 13 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | 5.36 | 13 | PASS |
| Band5 | 10 | 20525 | 1  | #0 | 16QAM | 6.17 | 13 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | 16QAM | 6.12 | 13 | PASS |
| Band5 | 10 | 20600 | 1  | #0 | QPSK  | 3.91 | 13 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | 5.01 | 13 | PASS |
| Band5 | 10 | 20600 | 1  | #0 | 16QAM | 4.81 | 13 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | 16QAM | 5.91 | 13 | PASS |

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



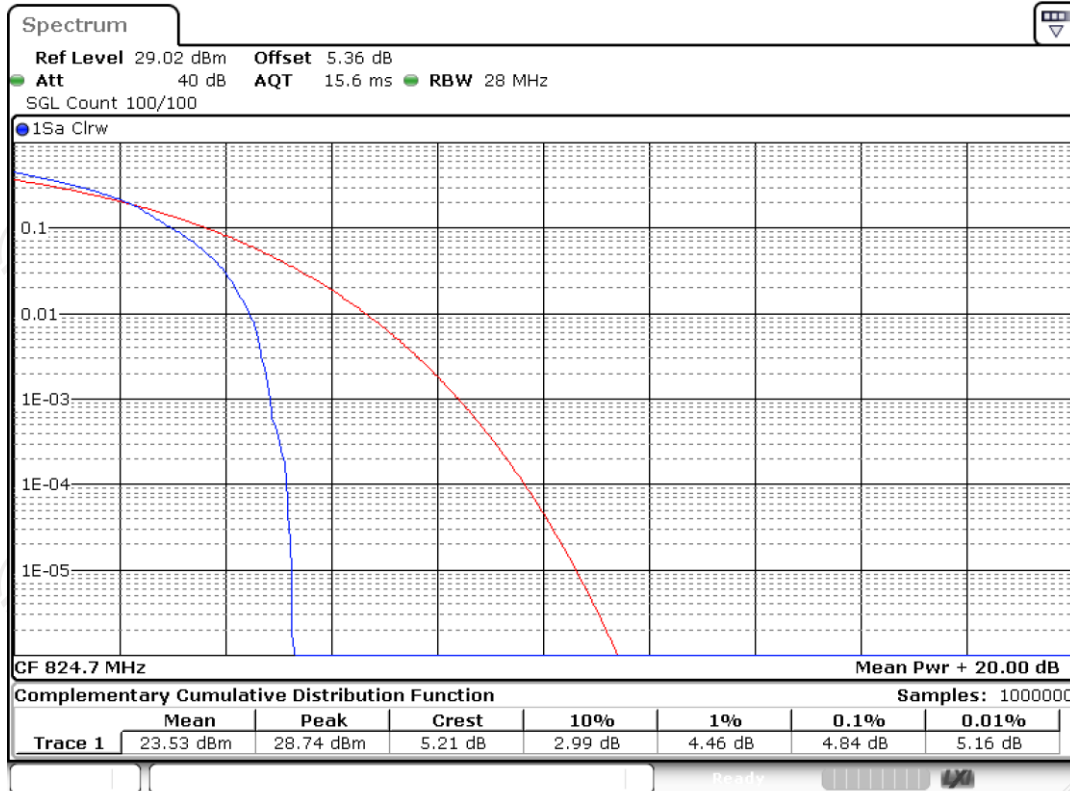
Date: 30.MAR.2023 18:05:34

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



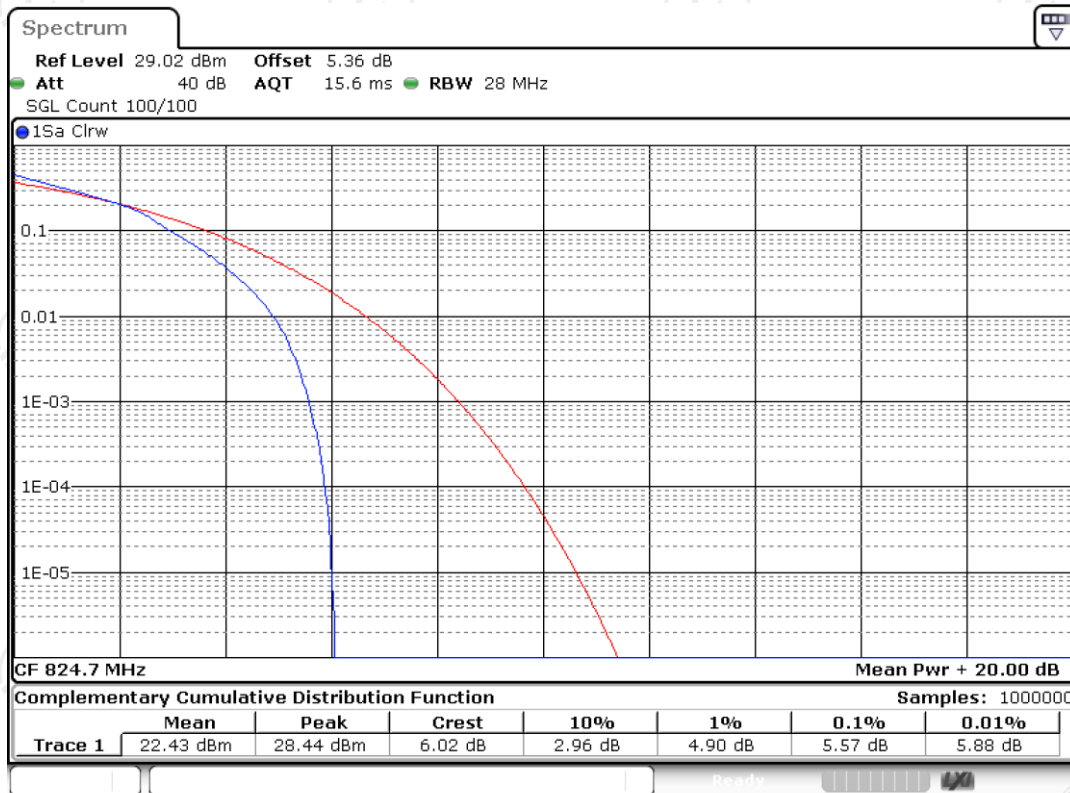
Date: 30.MAR.2023 18:05:41

Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



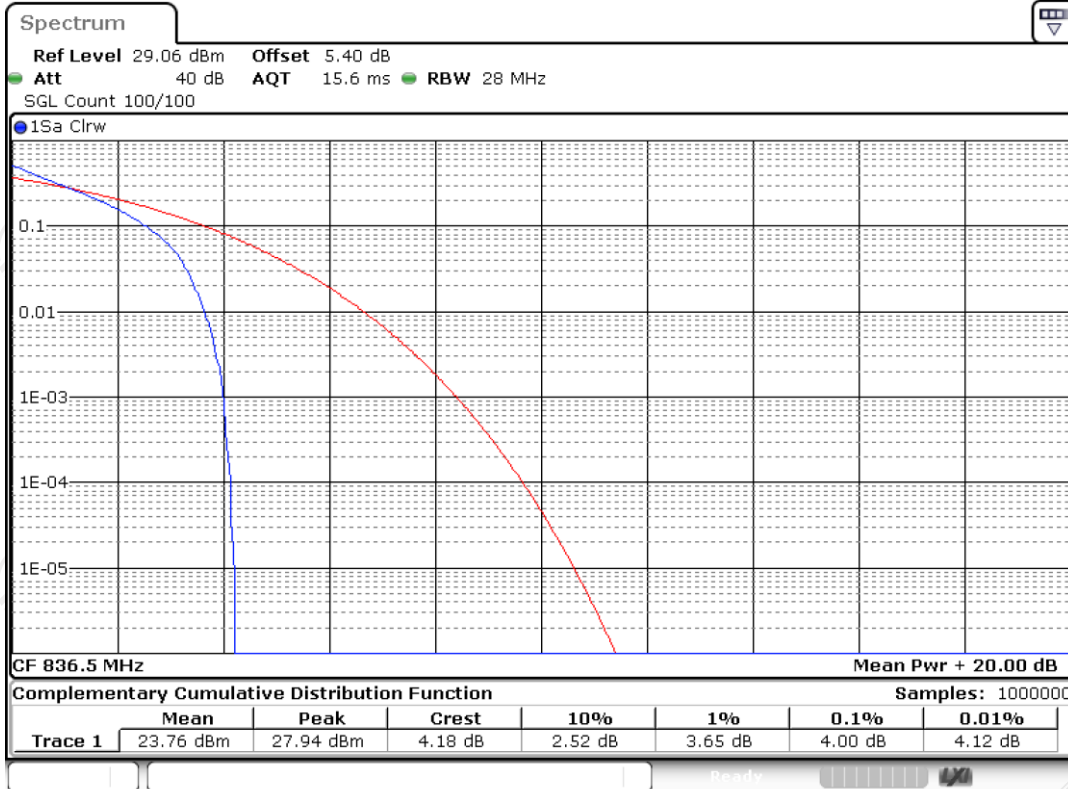
Date: 30.MAR.2023 18:05:48

Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



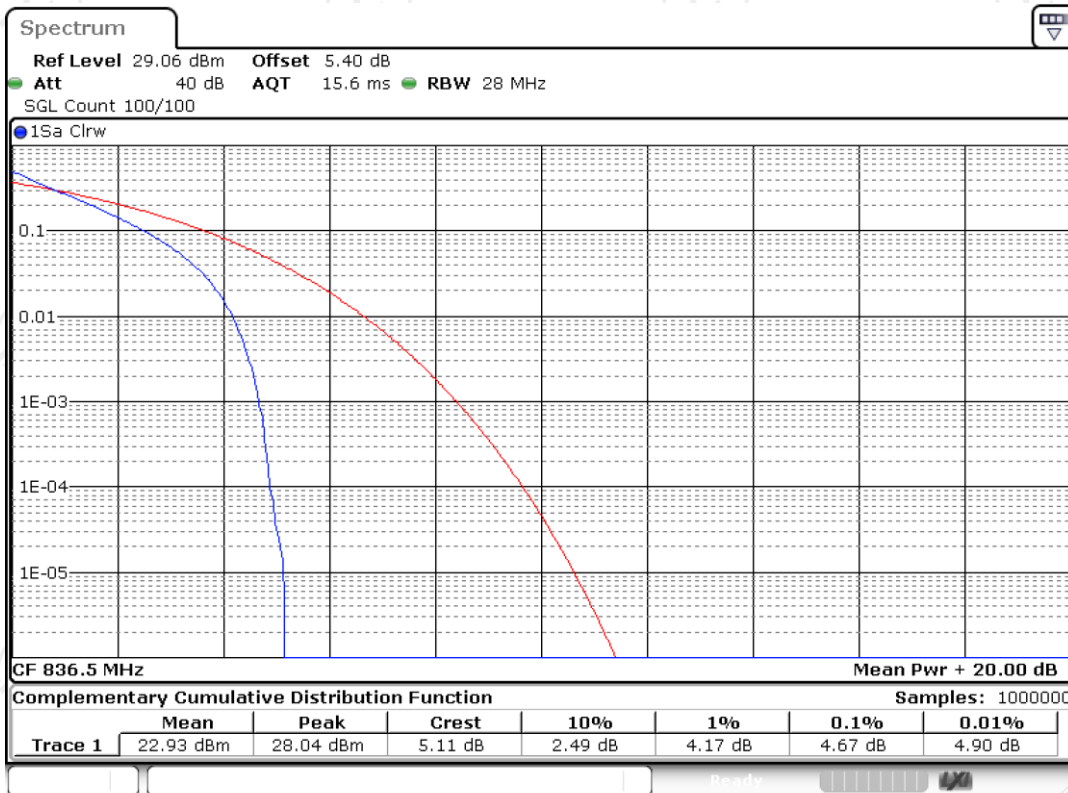
Date: 30.MAR.2023 18:05:55

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



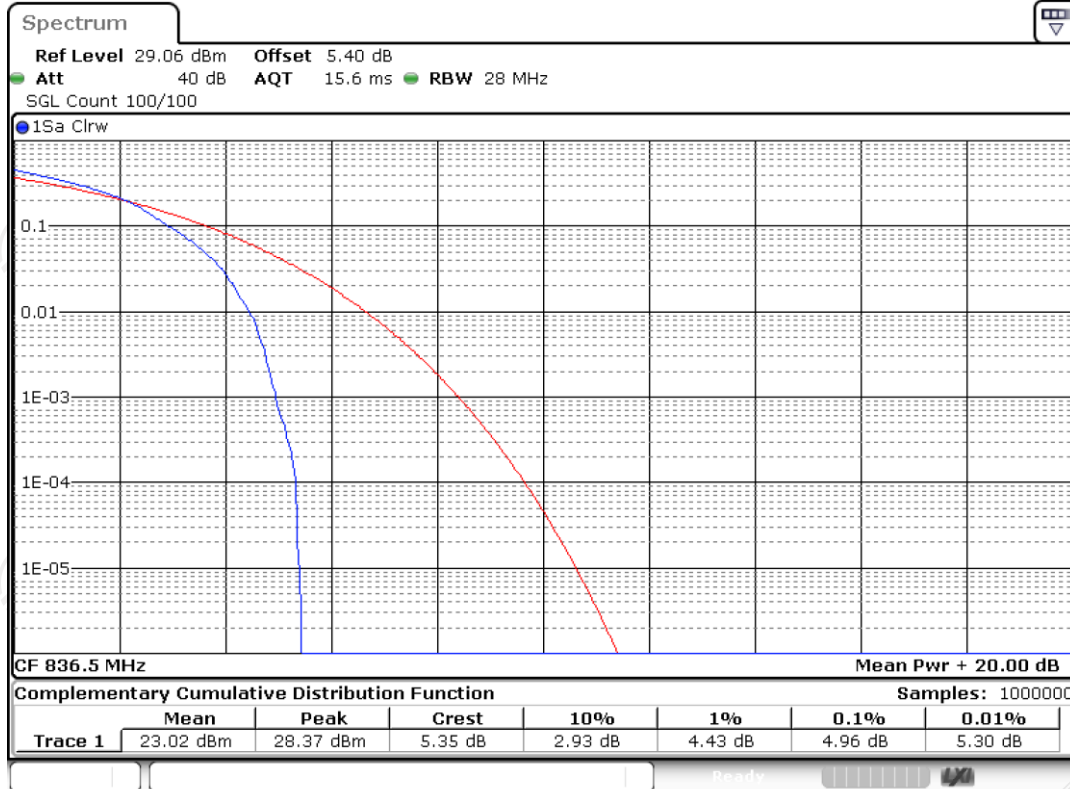
Date: 30.MAR.2023 18:06:02

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



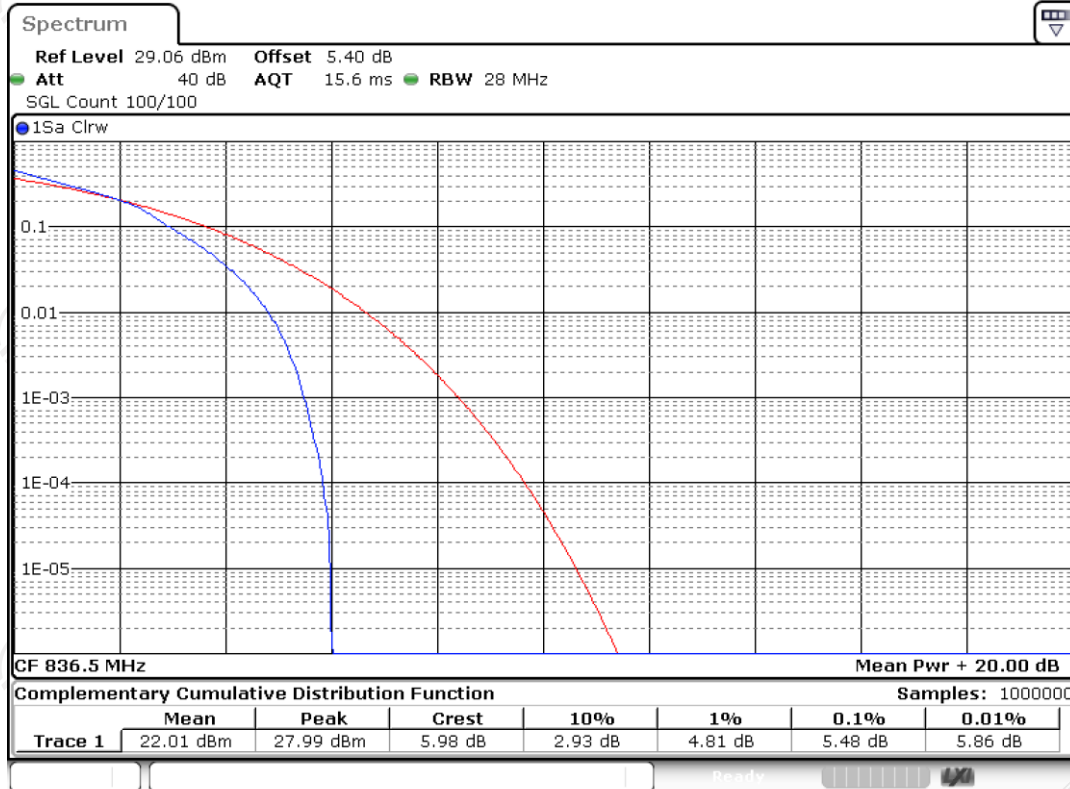
Date: 30.MAR.2023 18:06:08

Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



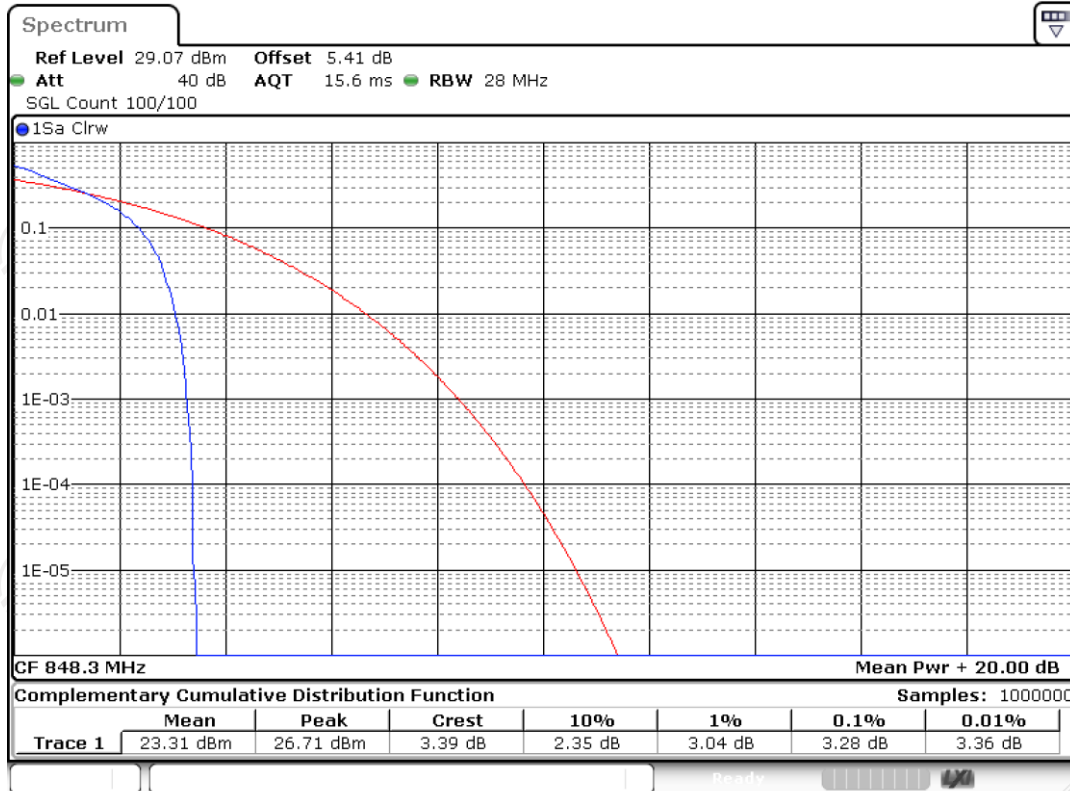
Date: 30.MAR.2023 18:06:15

Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



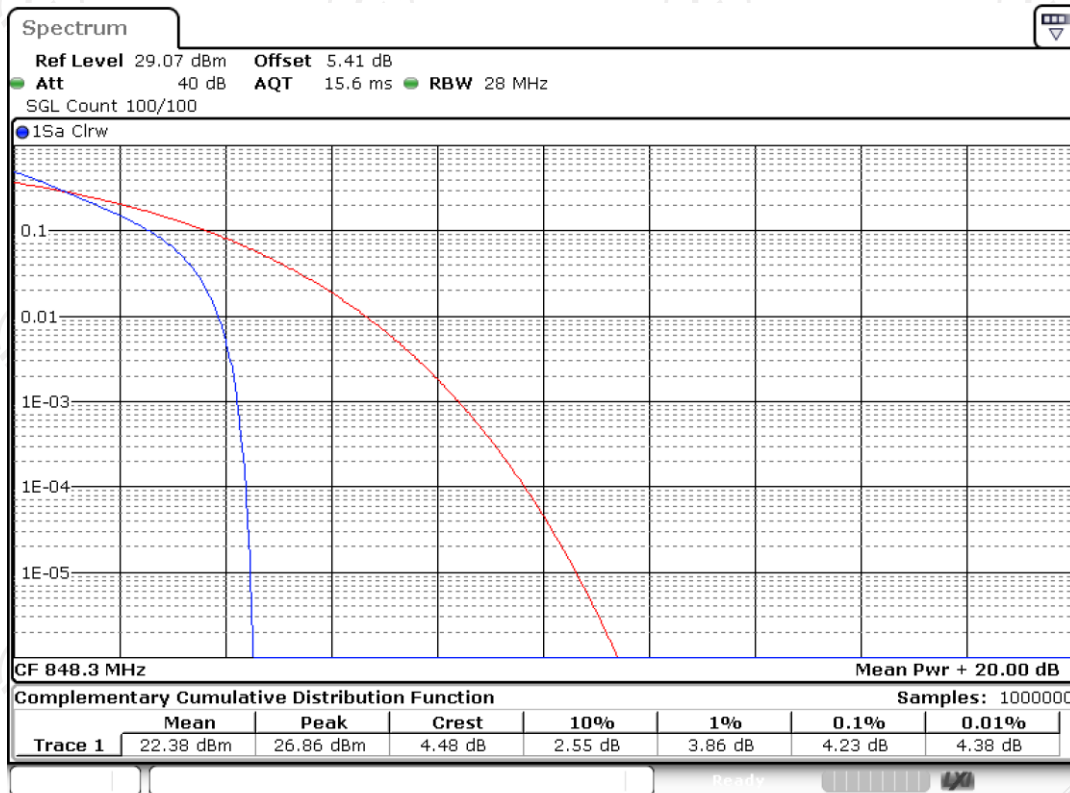
Date: 30.MAR.2023 18:06:22

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



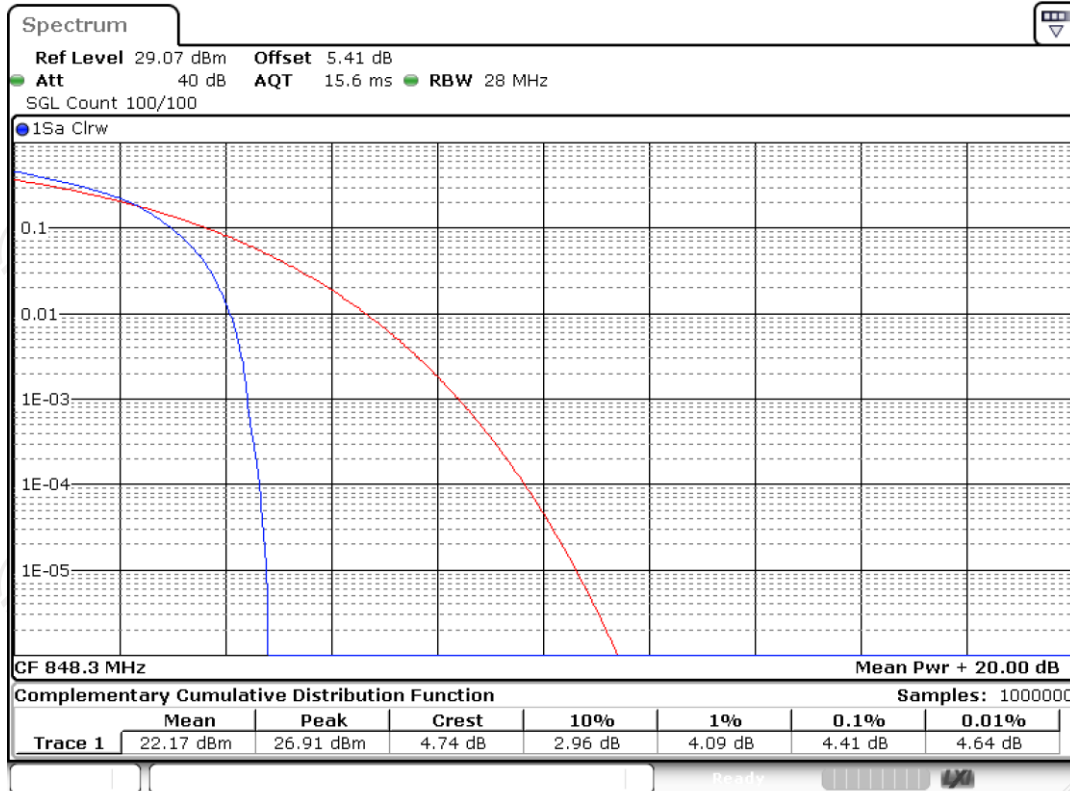
Date: 30.MAR.2023 18:06:29

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



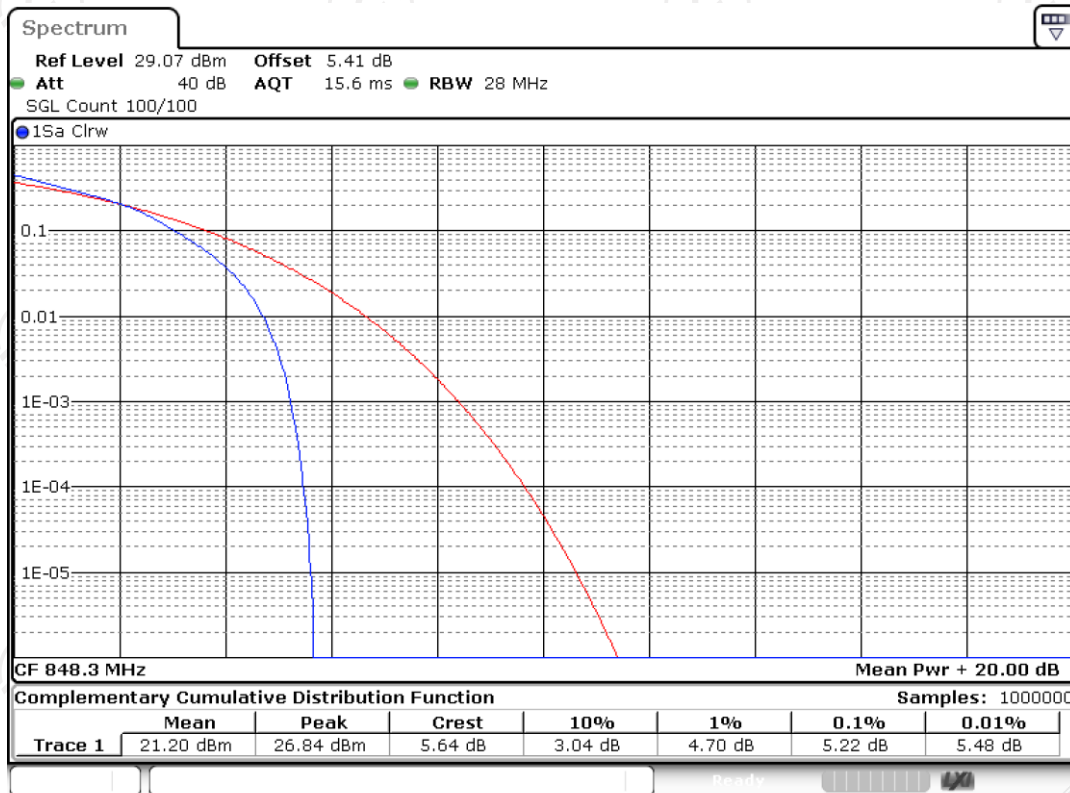
Date: 30.MAR.2023 18:06:36

Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



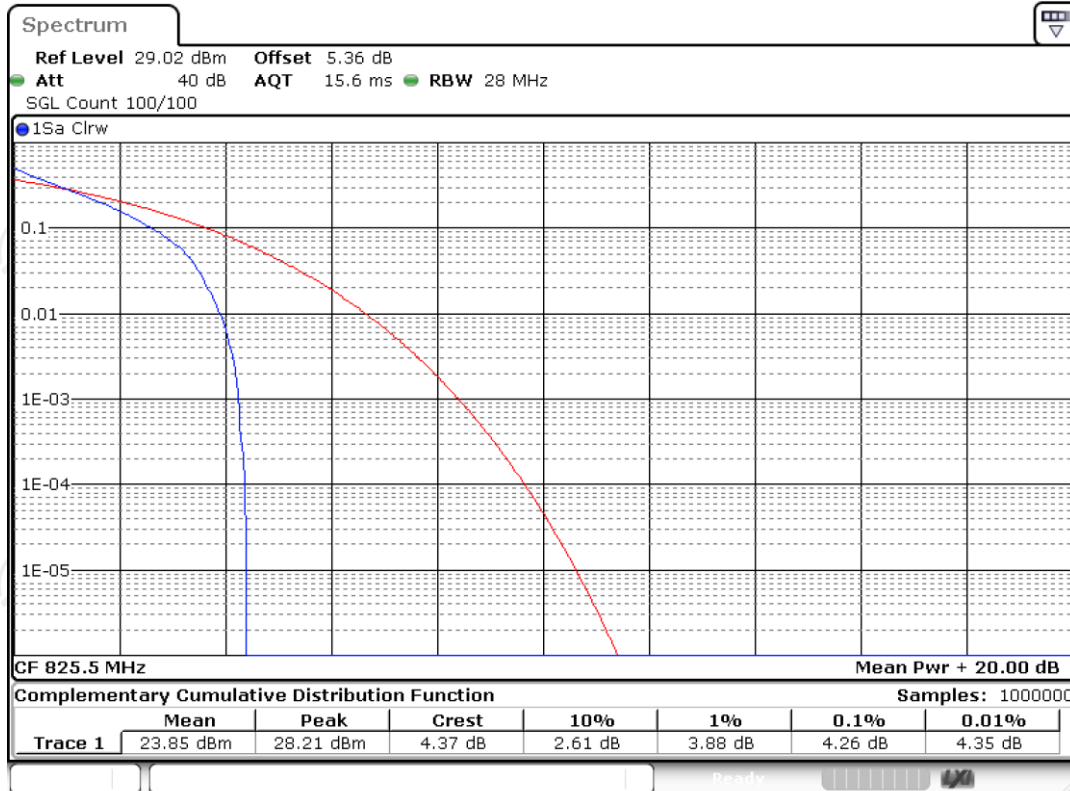
Date: 30.MAR.2023 18:06:43

Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



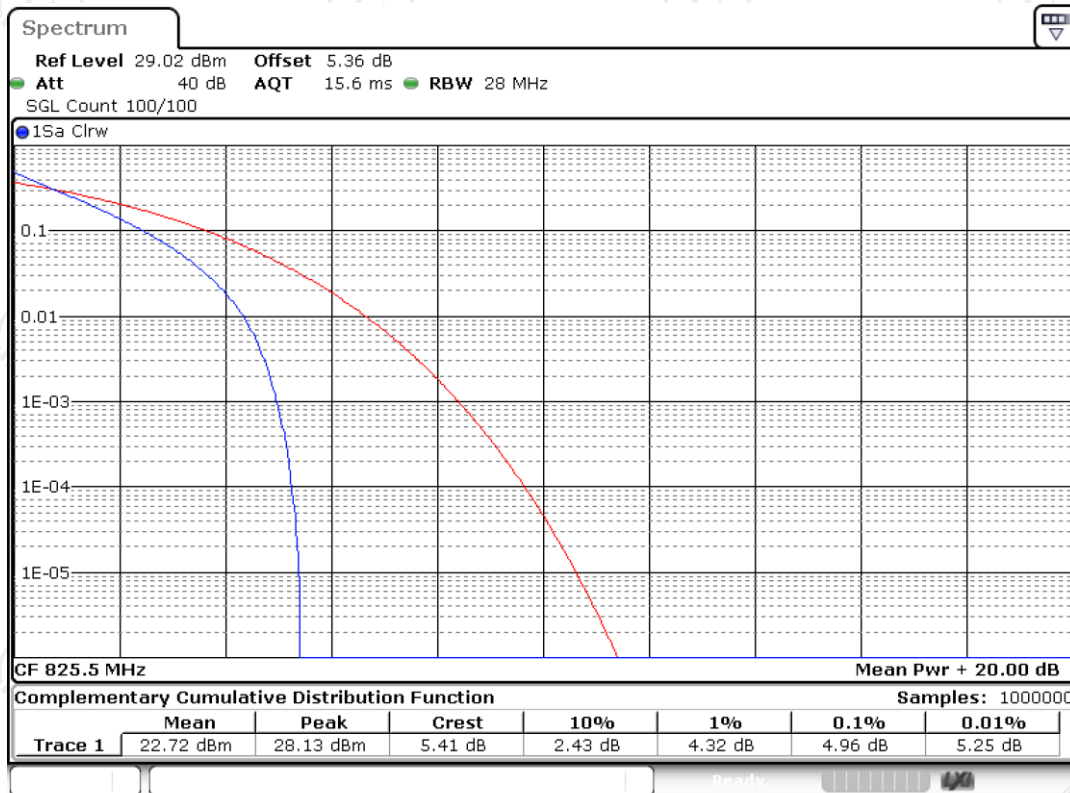
Date: 30.MAR.2023 18:06:49

Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



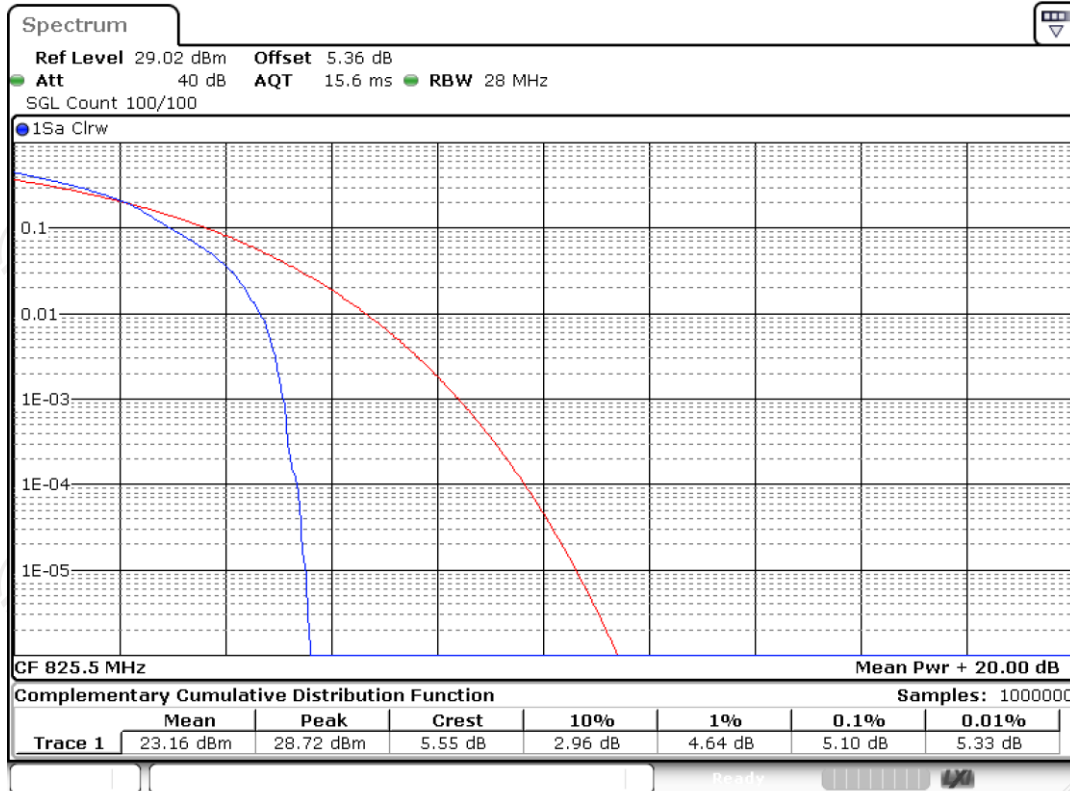
Date: 30.MAR.2023 18:06:57

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



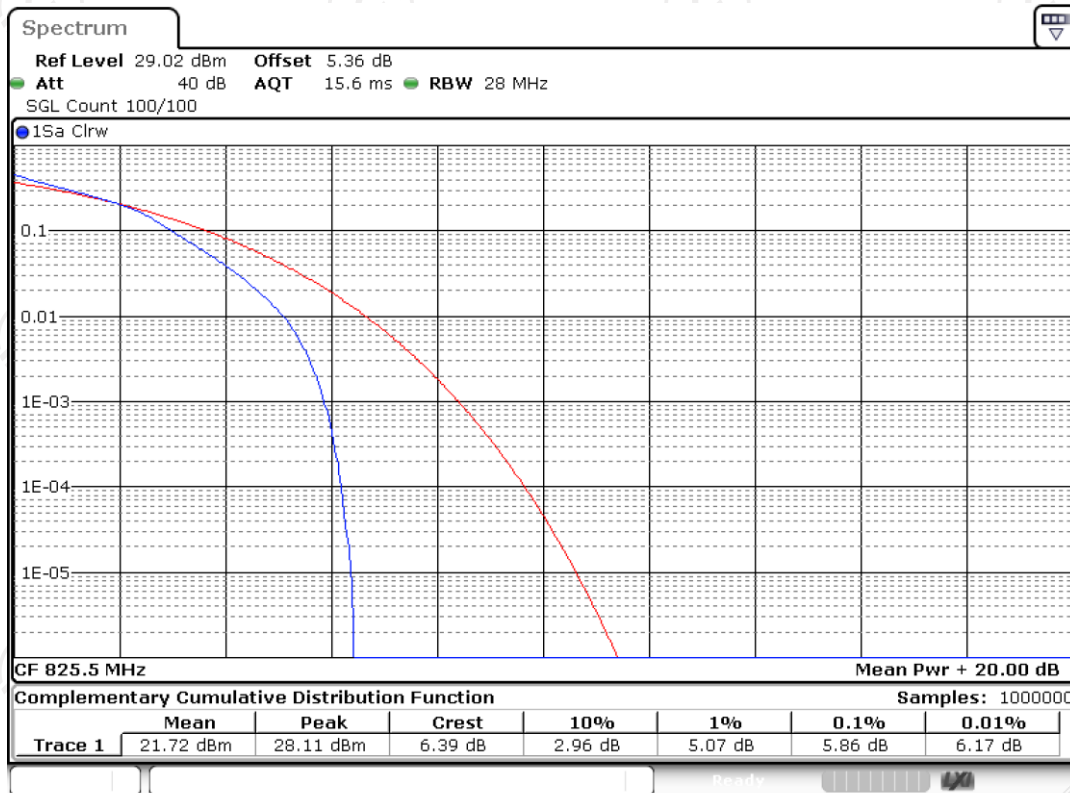
Date: 30.MAR.2023 18:07:04

Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



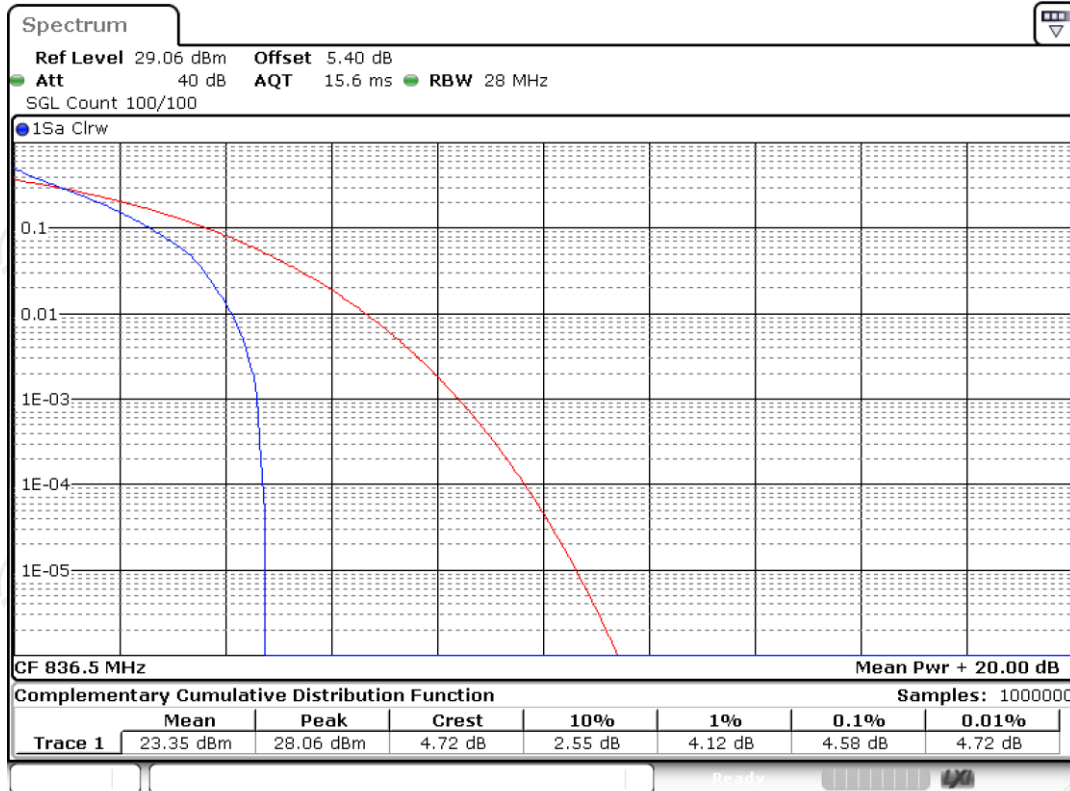
Date: 30.MAR.2023 18:07:11

Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



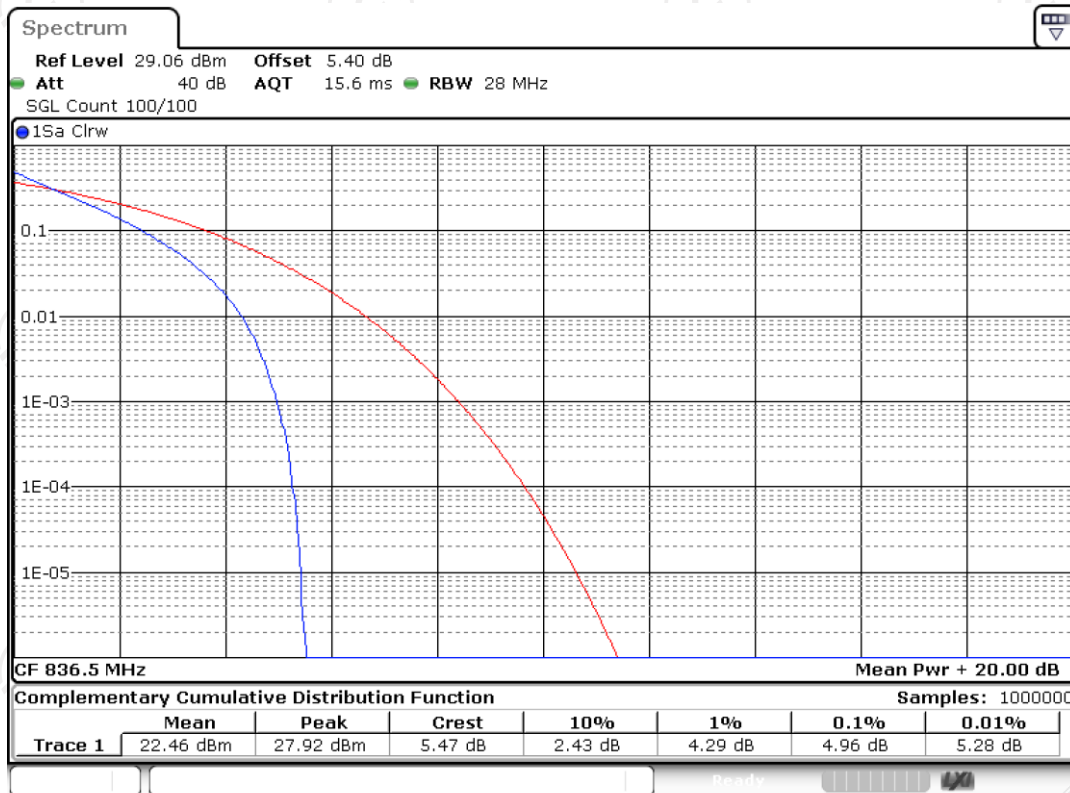
Date: 30.MAR.2023 18:07:17

Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



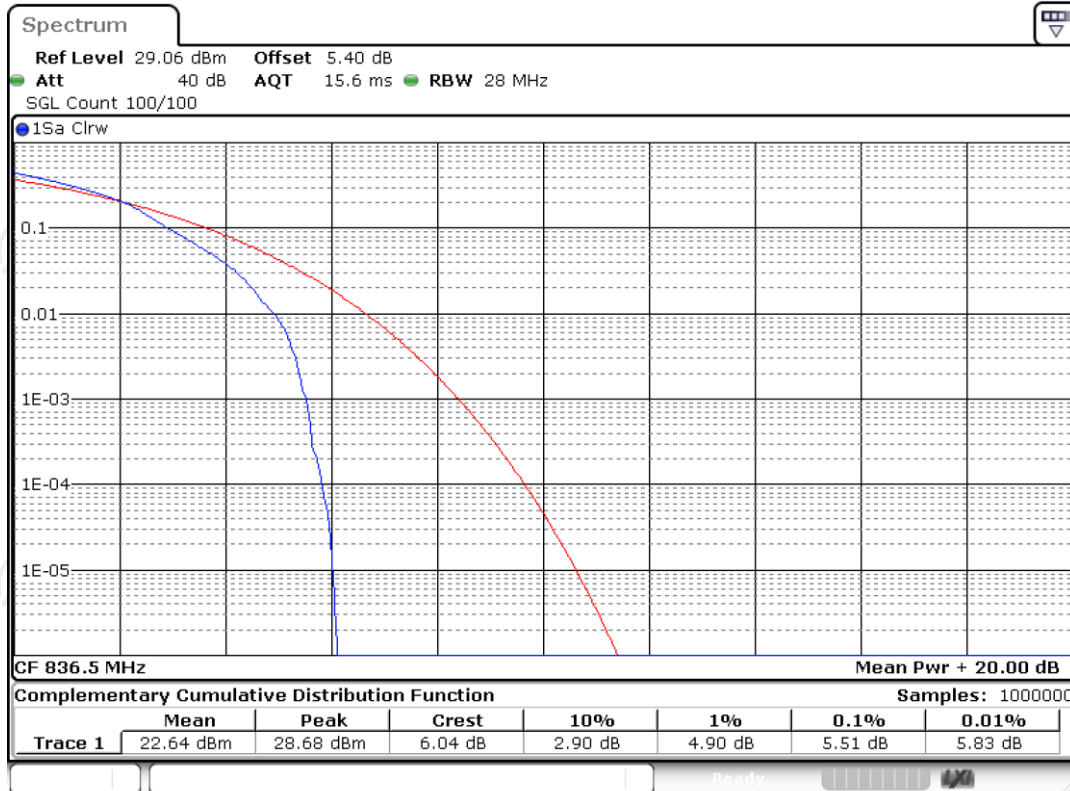
Date: 30.MAR.2023 18:07:24

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



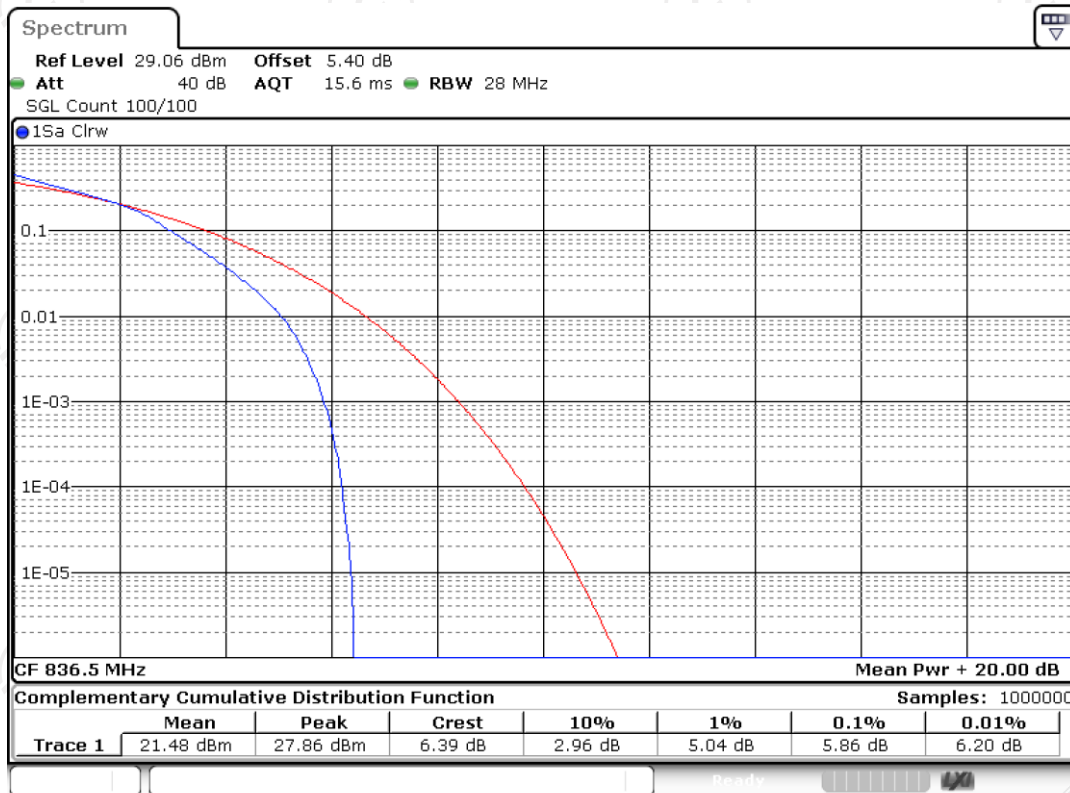
Date: 30.MAR.2023 18:07:31

Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



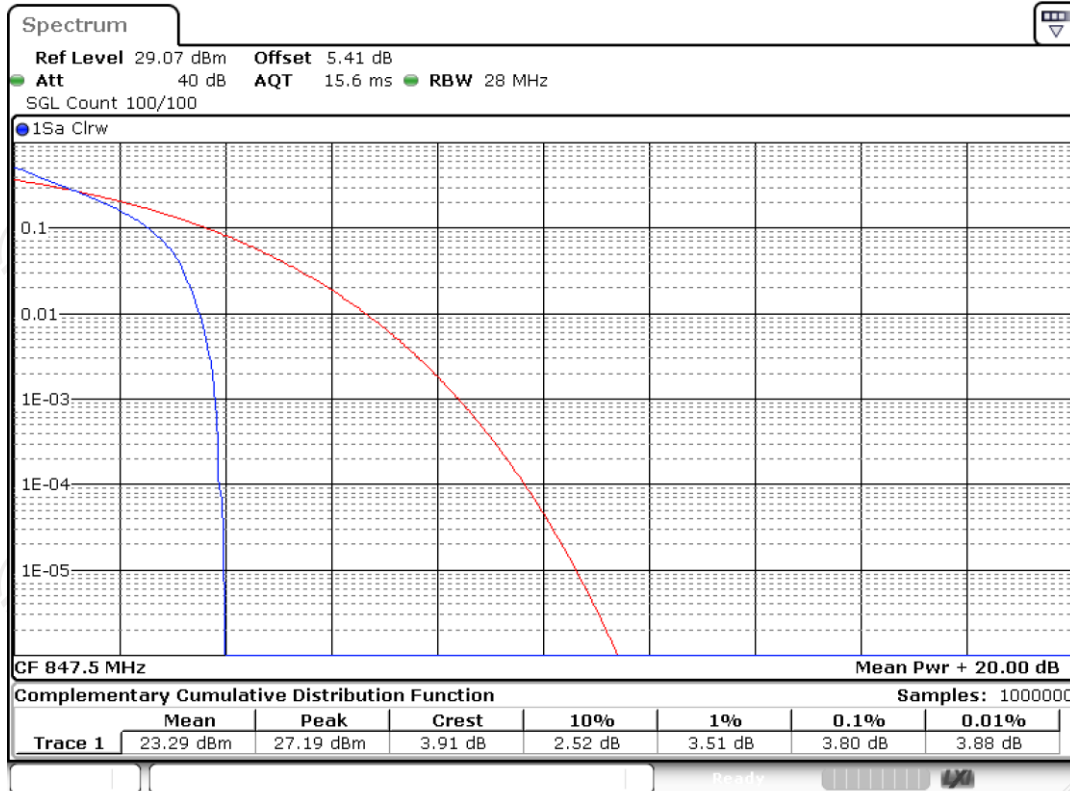
Date: 30.MAR.2023 18:07:38

Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



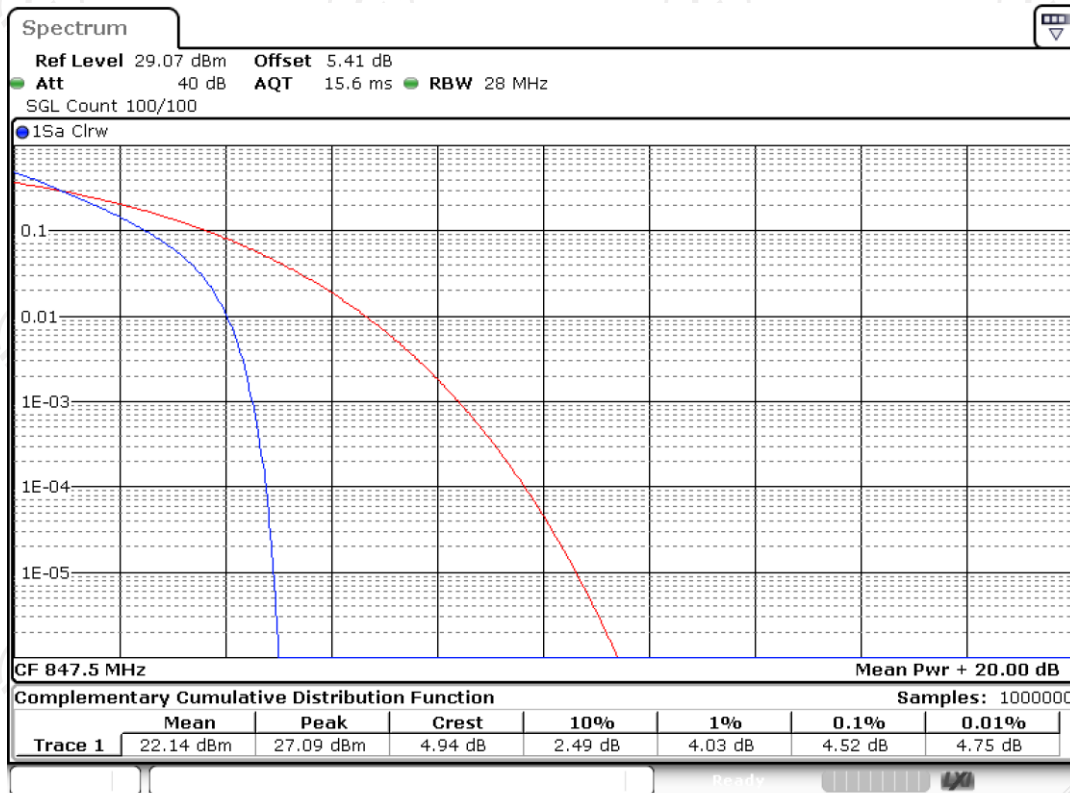
Date: 30.MAR.2023 18:07:45

Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



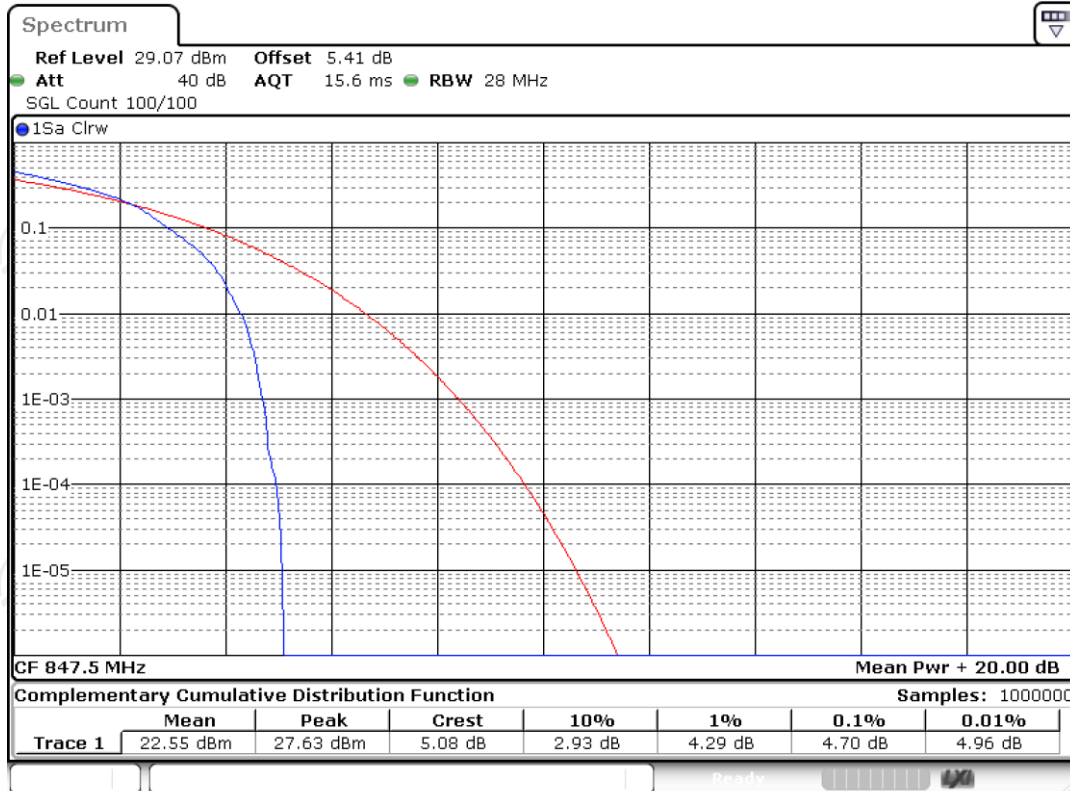
Date: 30.MAR.2023 18:07:52

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



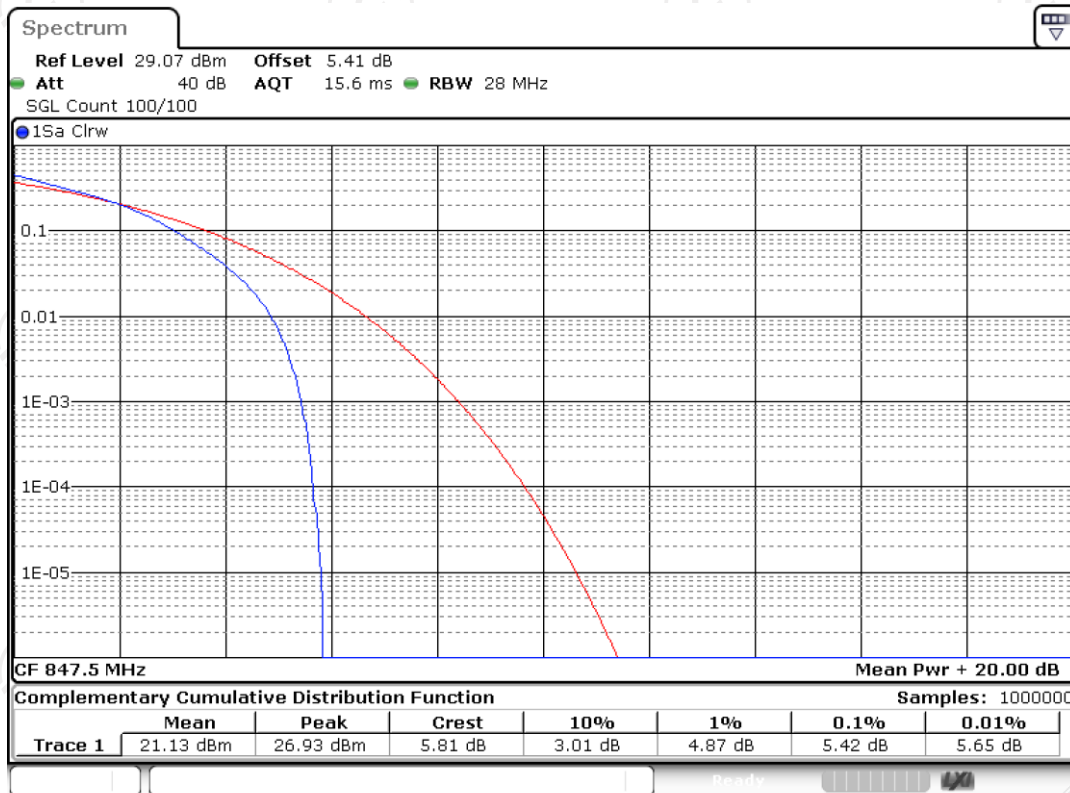
Date: 30.MAR.2023 18:07:59

Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



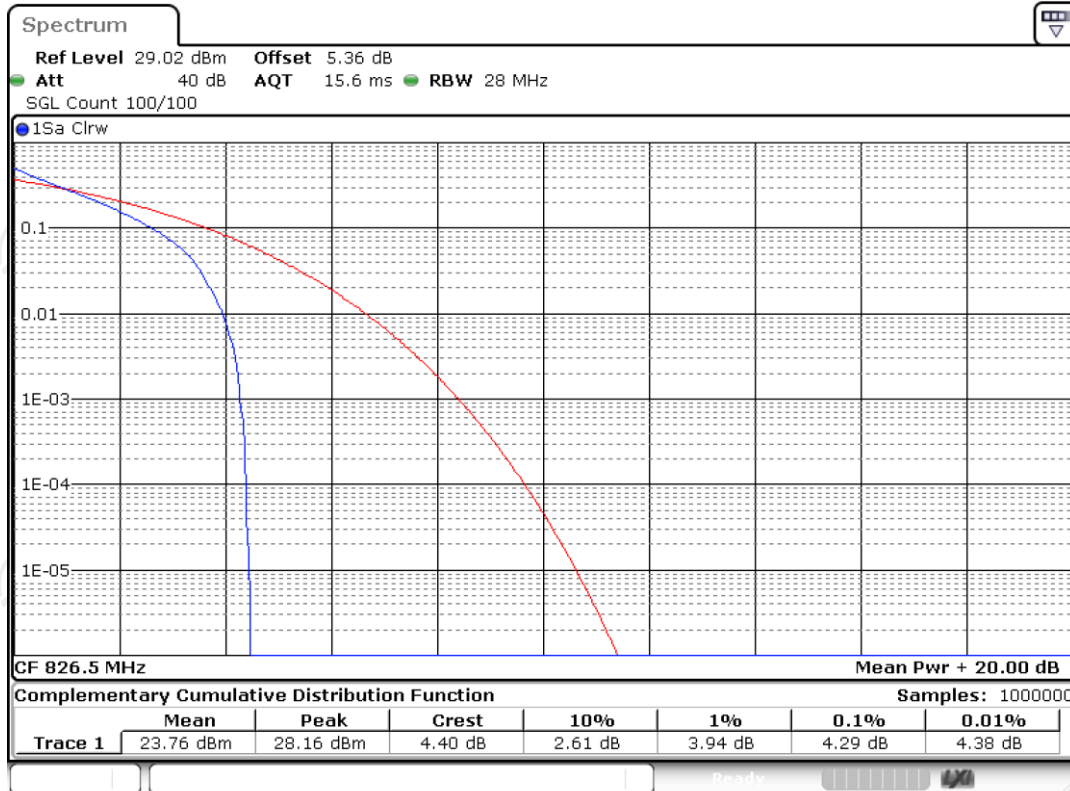
Date: 30.MAR.2023 18:08:06

Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



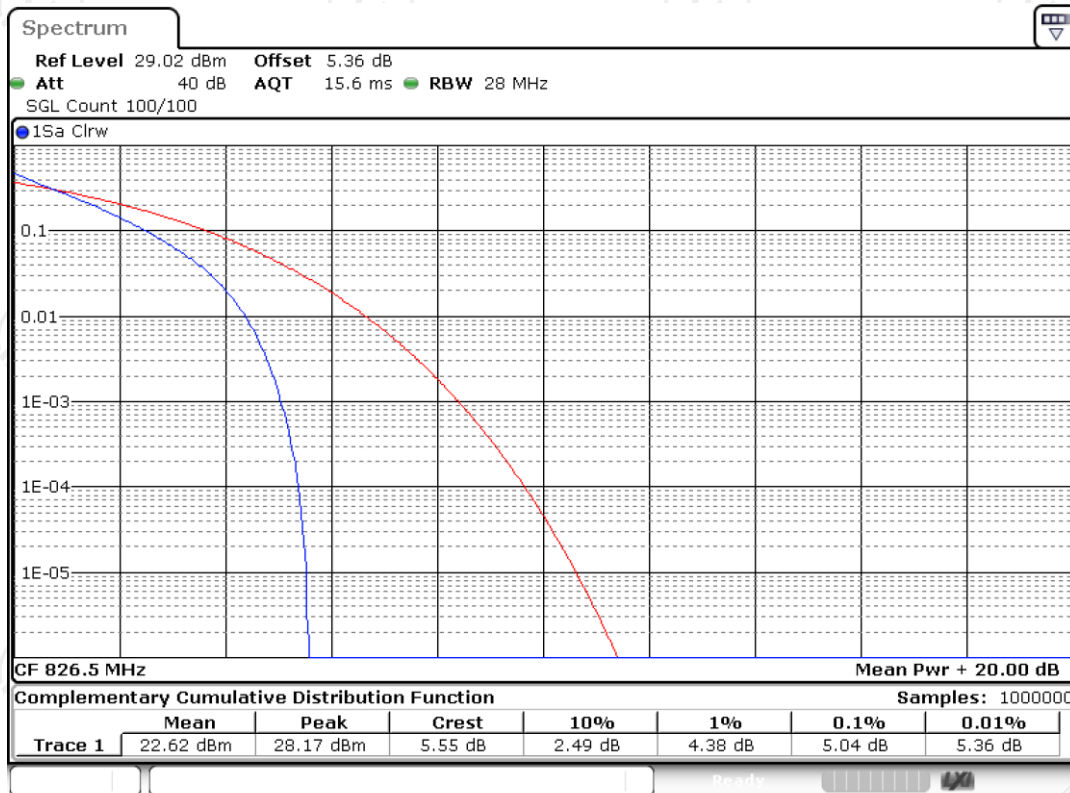
Date: 30.MAR.2023 18:08:12

Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



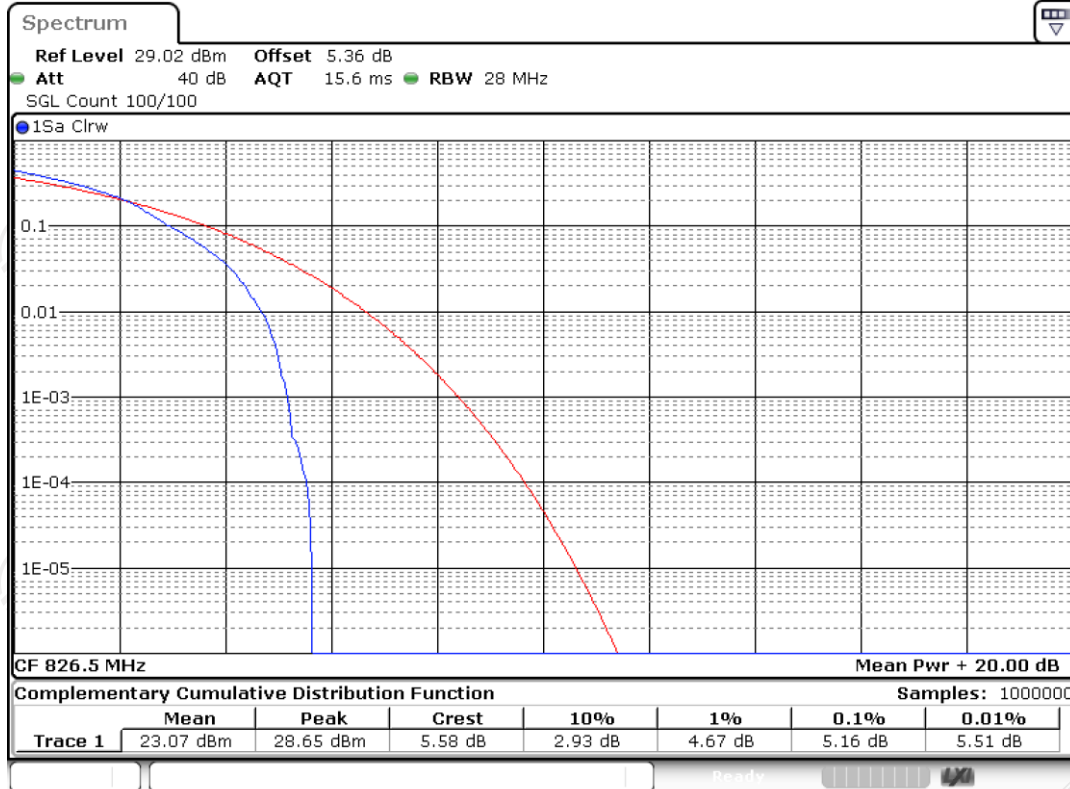
Date: 30.MAR.2023 18:08:20

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



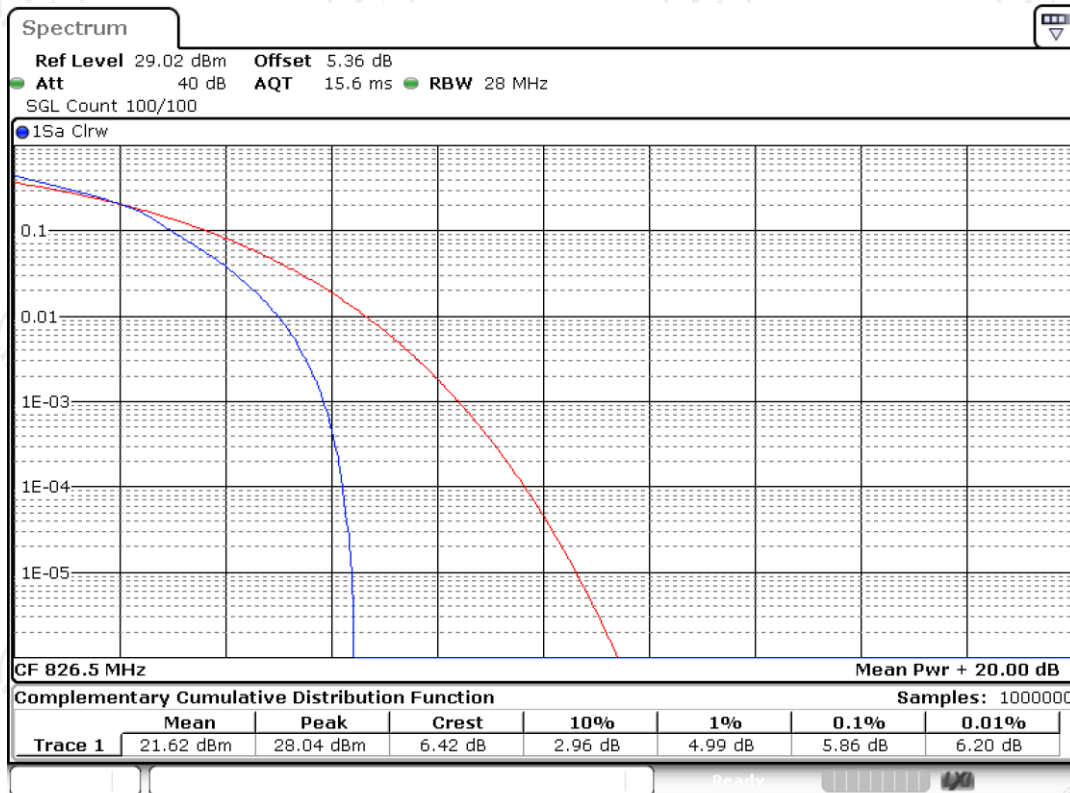
Date: 30.MAR.2023 18:08:27

Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



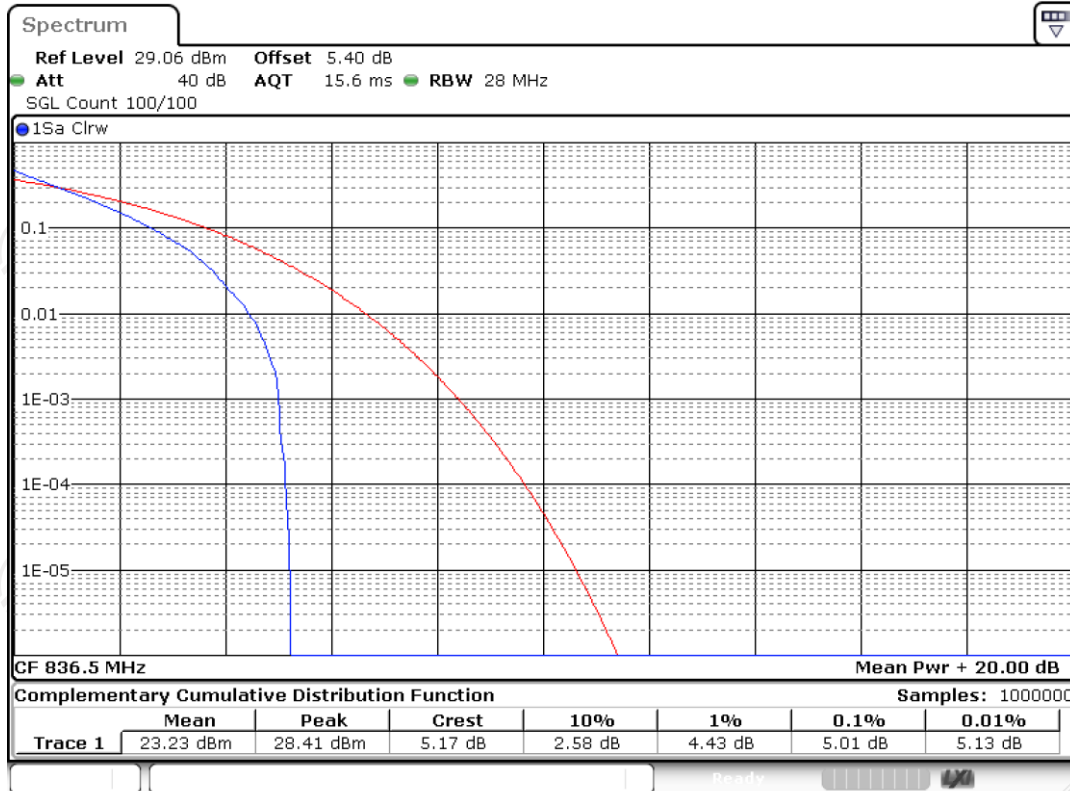
Date: 30.MAR.2023 18:08:33

Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



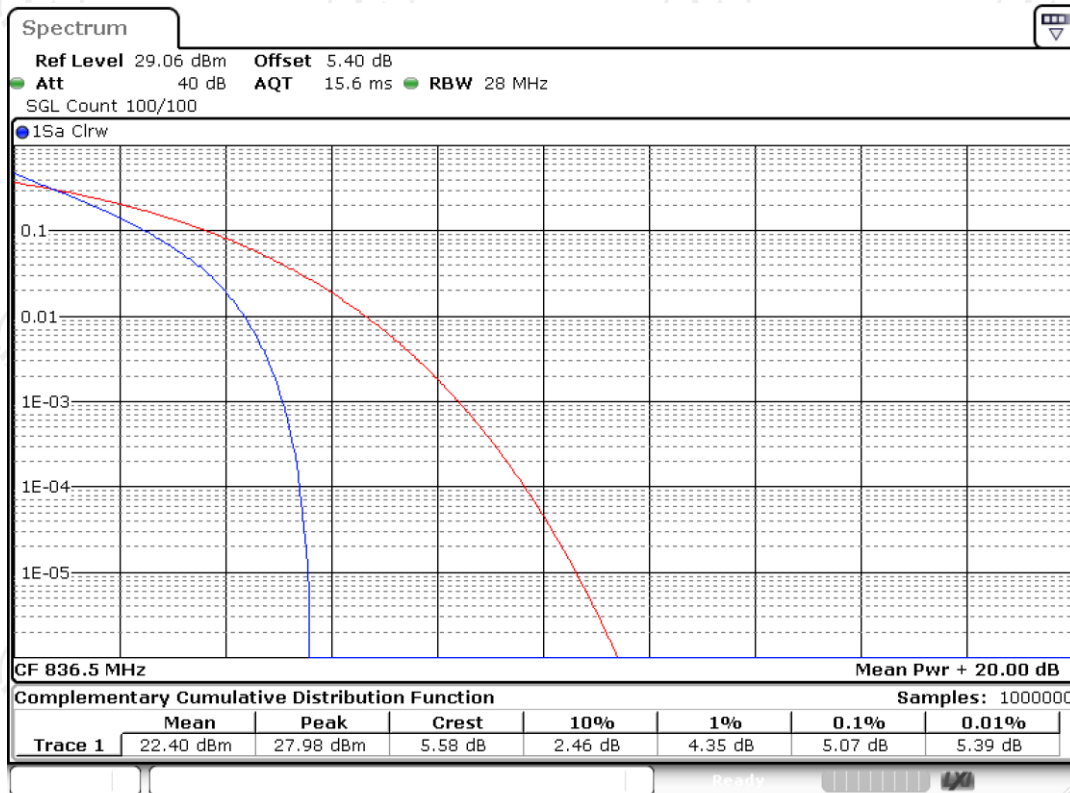
Date: 30.MAR.2023 18:08:40

Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



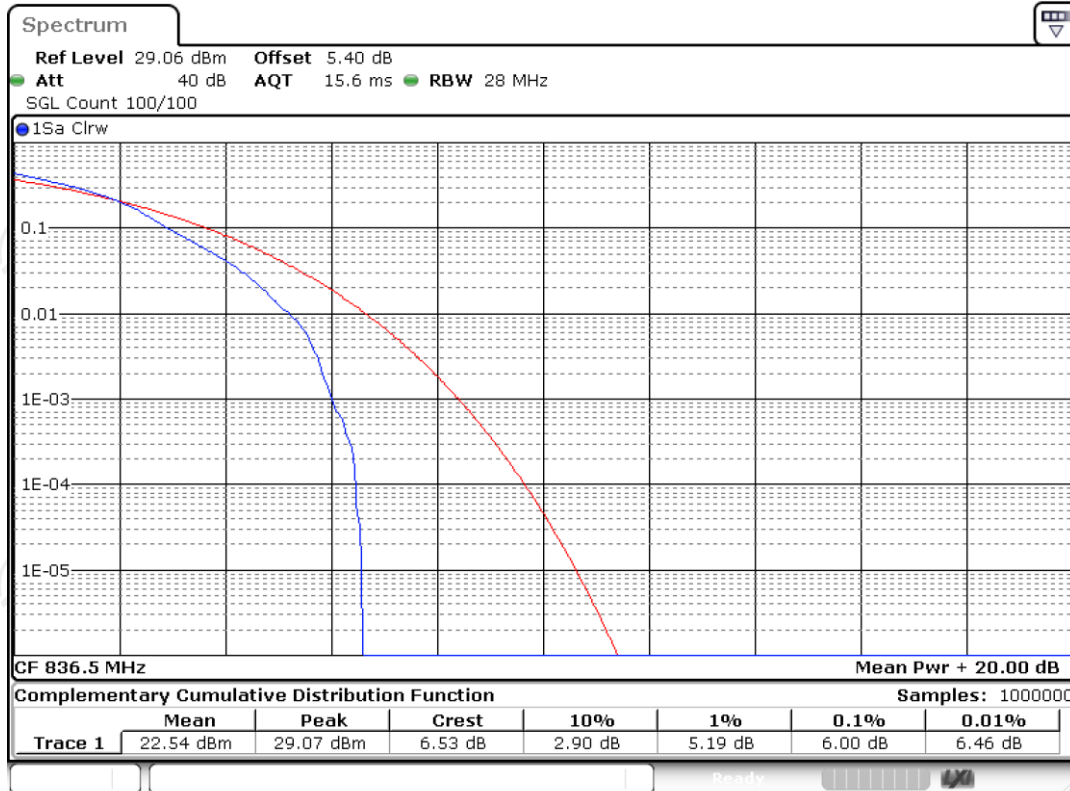
Date: 30.MAR.2023 18:08:47

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



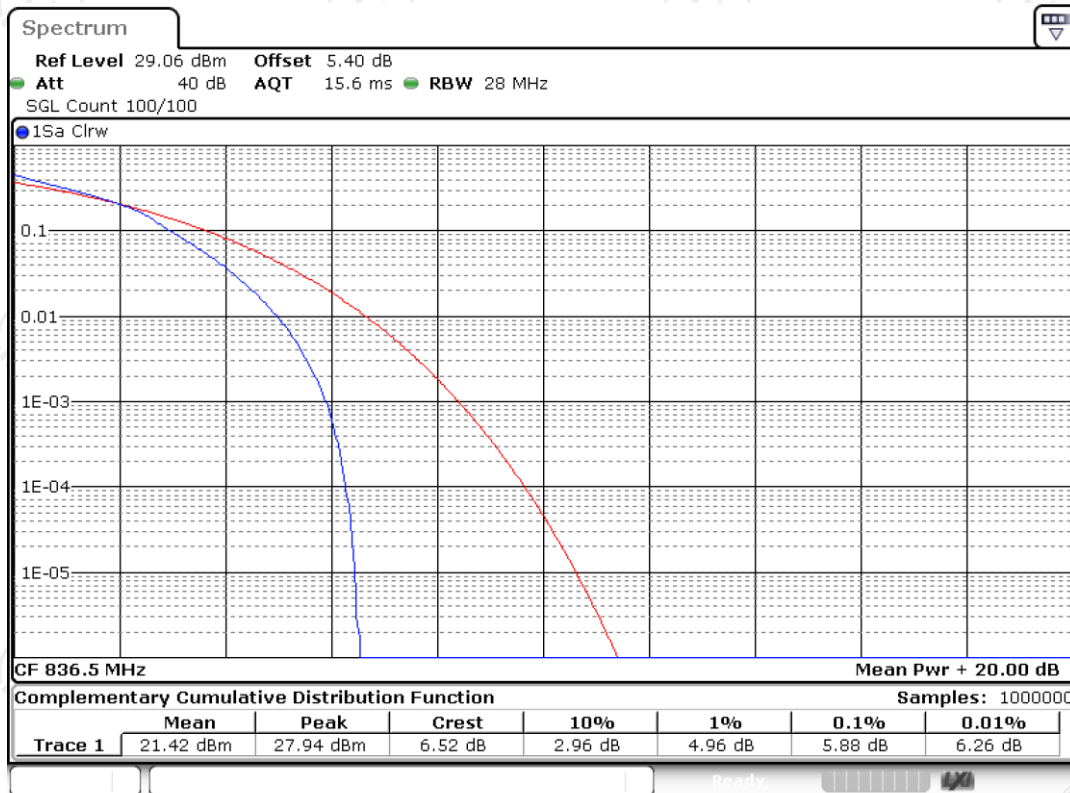
Date: 30.MAR.2023 18:08:54

Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



Date: 30.MAR.2023 18:09:01

Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



Date: 30.MAR.2023 18:09:08

Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0