

## Appendix A: Effective Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | ANT0 Conducted Power(dBm) | ANT2 Conducted Power(dBm) | Total Conducted Power (dBm) | Total directional gain (dBi) | Total EIRP (dBm) | Total ERP (dBm) |
|-------|-----------|------------|---------|------------------|---------------------------|---------------------------|-----------------------------|------------------------------|------------------|-----------------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 21.50                     | 21.28                     | 24.40                       | 3.01                         | 27.41            | 25.26           |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 21.62                     | 20.08                     | 23.93                       | 3.01                         | 26.94            | 24.79           |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 21.46                     | 20.59                     | 24.06                       | 3.01                         | 27.07            | 24.92           |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 21.42                     | 21.09                     | 24.27                       | 3.01                         | 27.28            | 25.13           |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 20.38                     | 19.84                     | 23.13                       | 3.01                         | 26.14            | 23.99           |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 20.32                     | 20.45                     | 23.40                       | 3.01                         | 26.41            | 24.26           |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 21.28                     | 20.17                     | 23.77                       | 3.01                         | 26.78            | 24.63           |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 20.15                     | 18.91                     | 22.58                       | 3.01                         | 25.59            | 23.44           |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 20.14                     | 19.06                     | 22.64                       | 3.01                         | 25.65            | 23.5            |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 20.34                     | 19.96                     | 23.16                       | 3.01                         | 26.17            | 24.02           |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 19.63                     | 19.16                     | 22.41                       | 3.01                         | 25.42            | 23.27           |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 19.13                     | 18.99                     | 22.07                       | 3.01                         | 25.08            | 22.93           |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 20.76                     | 20.31                     | 23.55                       | 3.01                         | 26.56            | 24.41           |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 20.17                     | 19.38                     | 22.80                       | 3.01                         | 25.81            | 23.66           |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 20.95                     | 20.20                     | 23.60                       | 3.01                         | 26.61            | 24.46           |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 19.62                     | 20.14                     | 22.90                       | 3.01                         | 25.91            | 23.76           |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 19.09                     | 19.27                     | 22.19                       | 3.01                         | 25.2             | 23.05           |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 19.77                     | 20.01                     | 22.90                       | 3.01                         | 25.91            | 23.76           |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#0            | 21.13                     | 20.25                     | 23.72                       | 3.01                         | 26.73            | 24.58           |
| Band5 | 10MHz     | QPSK       | 20525   | 1RB#0            | 21.62                     | 20.84                     | 24.26                       | 3.01                         | 27.27            | 25.12           |
| Band5 | 10MHz     | QPSK       | 20600   | 1RB#0            | 21.27                     | 20.92                     | 24.11                       | 3.01                         | 27.12            | 24.97           |
| Band5 | 10MHz     | 16QAM      | 20450   | 1RB#0            | 19.93                     | 20.03                     | 22.99                       | 3.01                         | 26               | 23.85           |
| Band5 | 10MHz     | 16QAM      | 20525   | 1RB#0            | 20.45                     | 20.61                     | 23.54                       | 3.01                         | 26.55            | 24.4            |
| Band5 | 10MHz     | 16QAM      | 20600   | 1RB#0            | 20.14                     | 20.86                     | 23.53                       | 3.01                         | 26.54            | 24.39           |

## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

ANT0:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 5.42       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.72       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 5.86       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.86       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 5.92       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 6.04       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 6.06       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 6.36       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 6.48       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.50       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 6.96       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 6.66       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 5.48       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.72       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 5.94       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.84       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 5.78       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 5.94       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 6.56       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 6.28       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 6.78       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.44       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 6.20       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 6.64       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 5.68       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.86       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 6.06       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.92       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 5.62       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 5.74       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 6.12       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 6.52       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 6.34       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 6.48       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 5.98       | 13        | PASS    |

|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 6.32 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 5.48 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 6.36 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 5.94 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.72 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 5.40 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.20 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 6.20 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.82 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 6.82 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.54 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 5.94 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.12 | 13 | PASS |

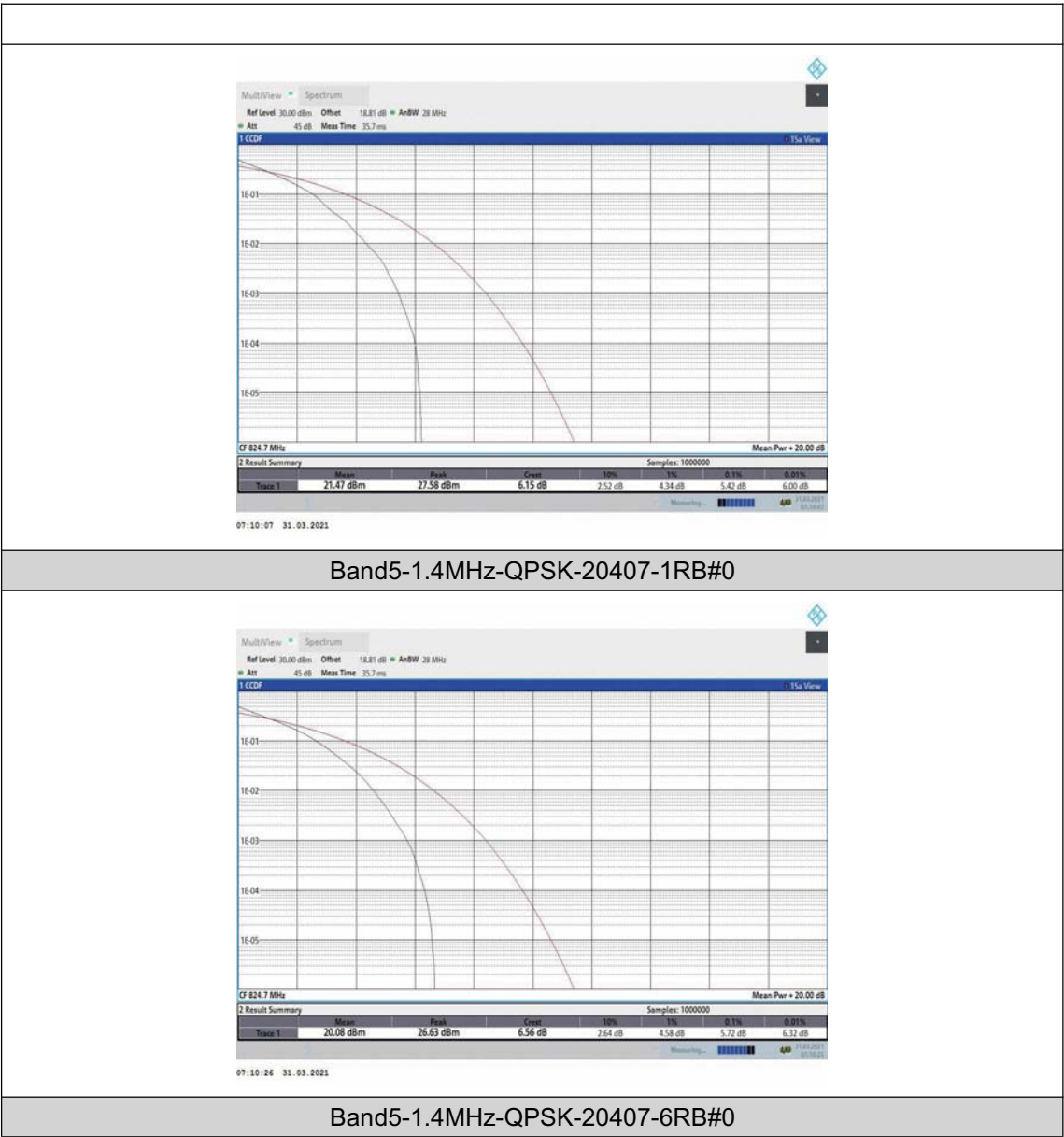
ANT2:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 5.44       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.64       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 5.82       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.82       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 6.08       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 6.26       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 6.18       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 6.38       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 6.36       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.60       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 7.14       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 6.90       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 5.64       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.66       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 5.86       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.78       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 5.80       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 5.88       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 6.28       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 6.36       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 6.50       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.54       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 7.08       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 6.72       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 5.76       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.84       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 6.22       | 13        | PASS    |

|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | 5.84 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0  | 5.64 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | 5.78 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0  | 6.02 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | 6.42 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0  | 6.36 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | 6.46 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0  | 6.00 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 6.48 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 5.58 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 6.34 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 6.06 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.84 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 5.44 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.18 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 6.32 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.86 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 6.52 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.52 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 6.42 | 13 | PASS |
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Test Graphs

ANT0:





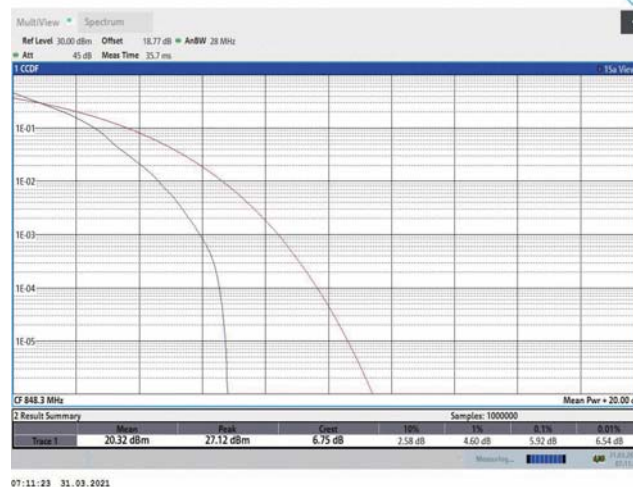
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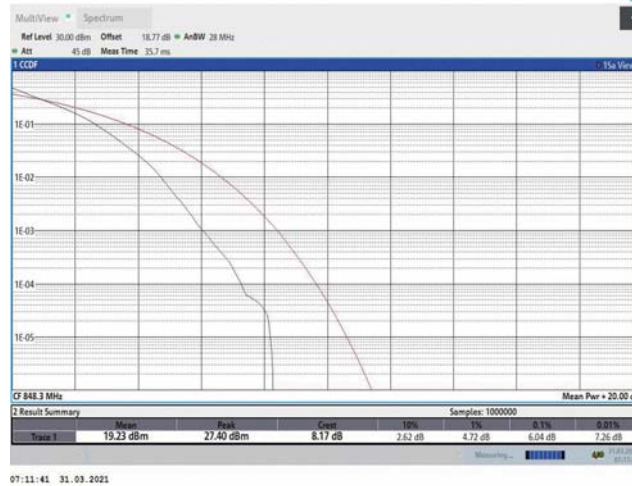
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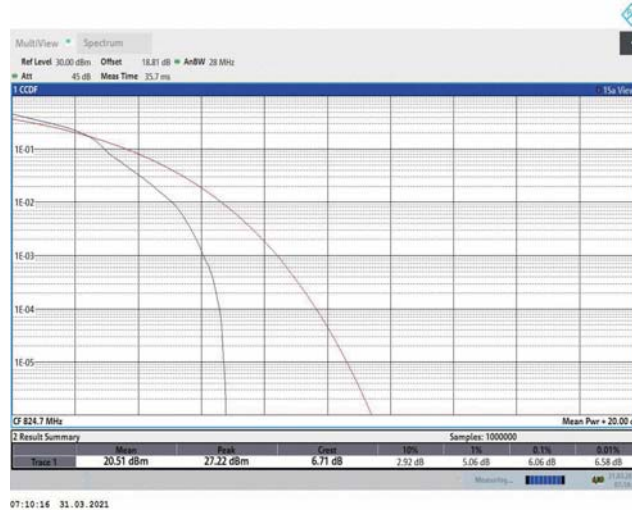


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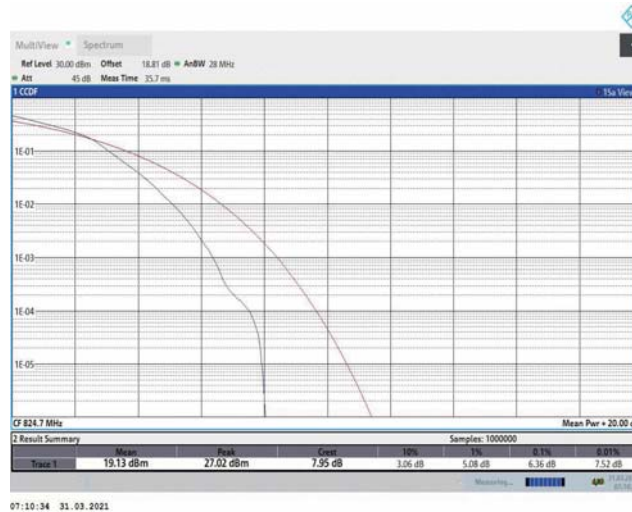
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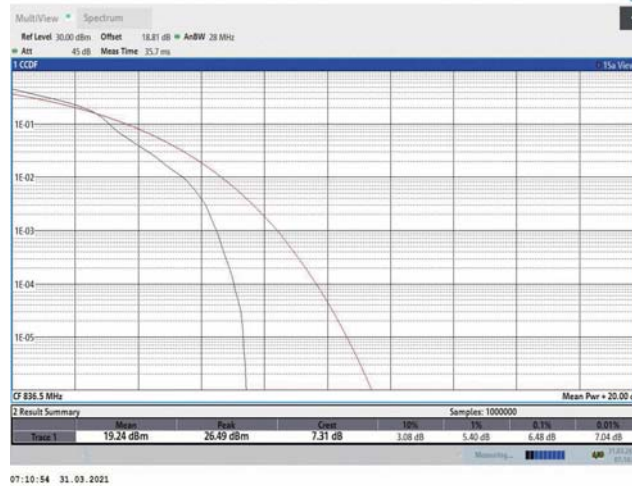
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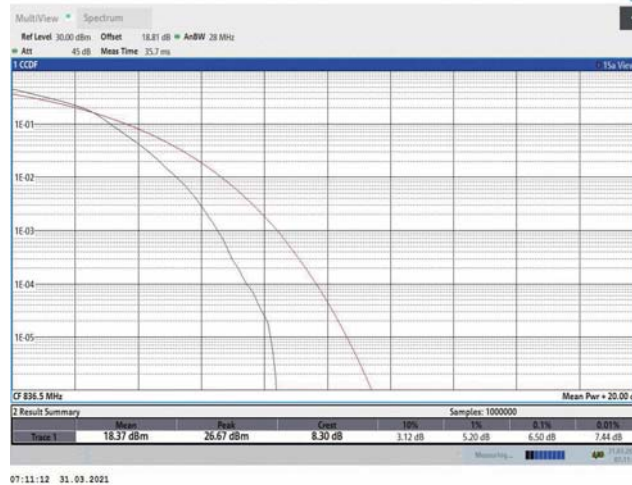


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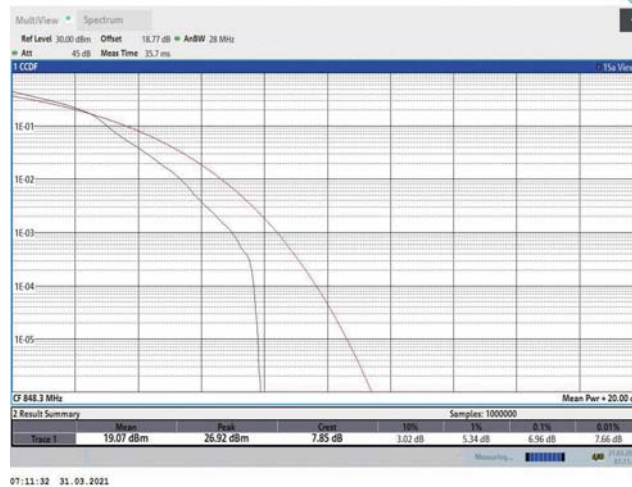
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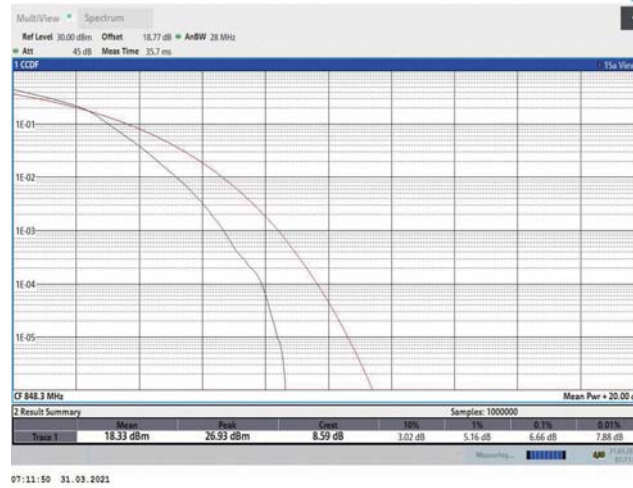
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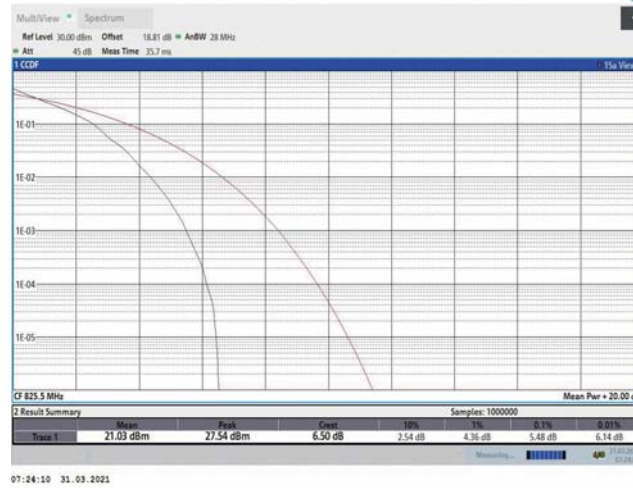


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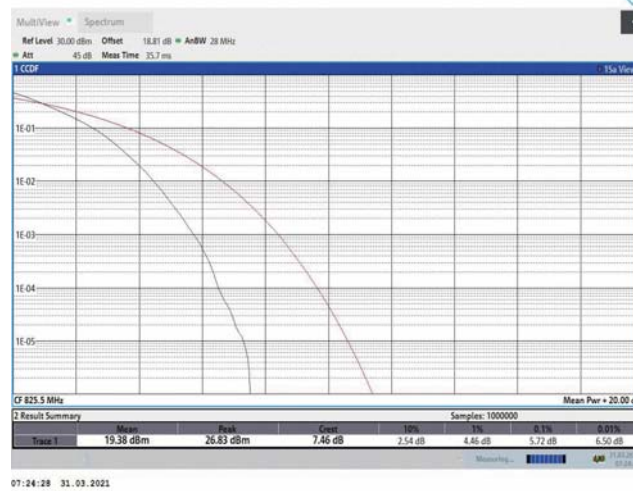
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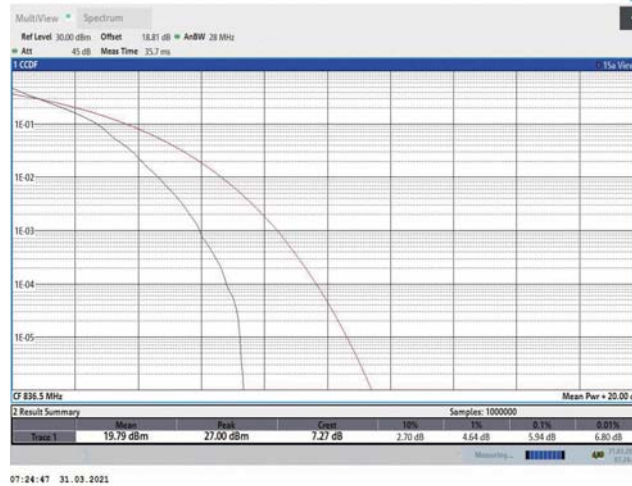
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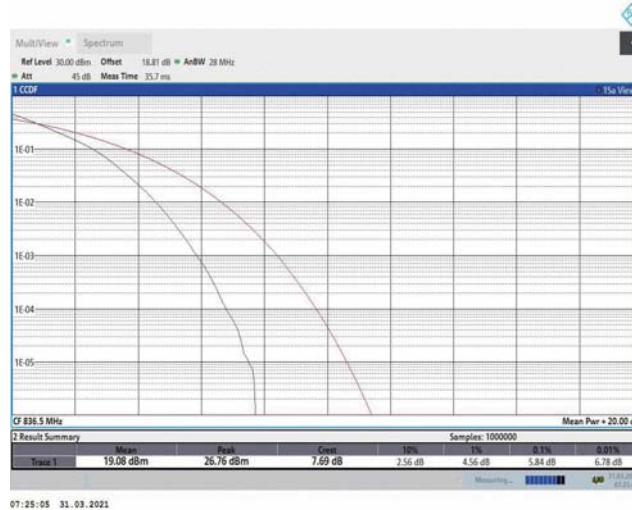
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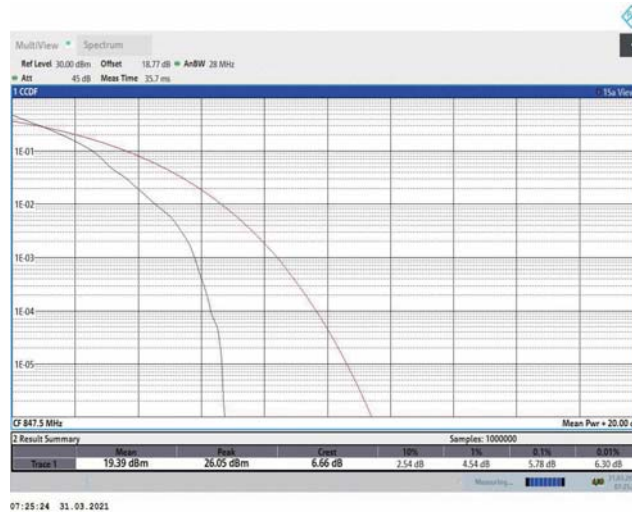
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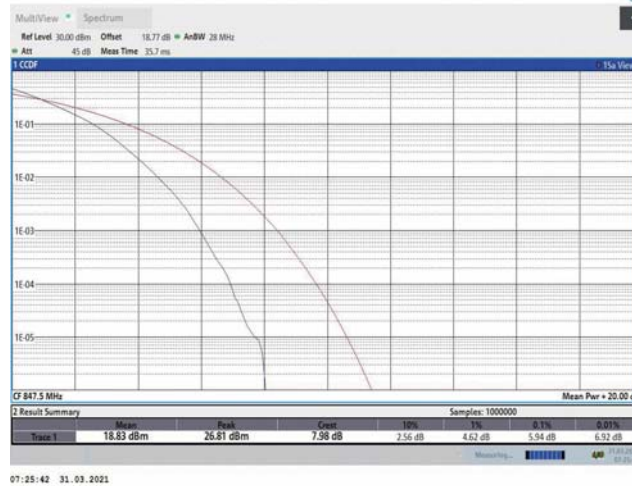
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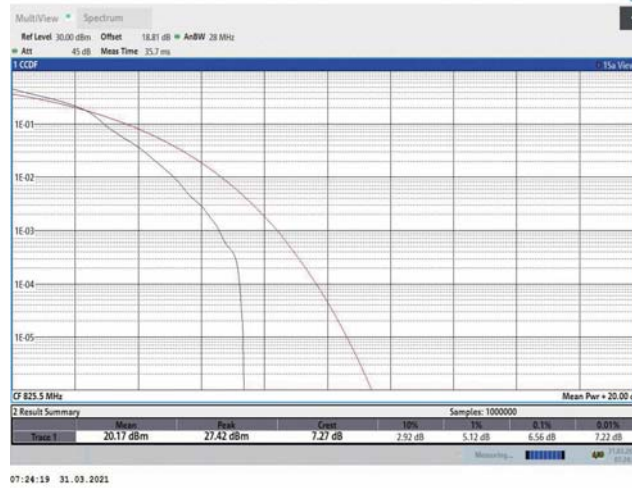
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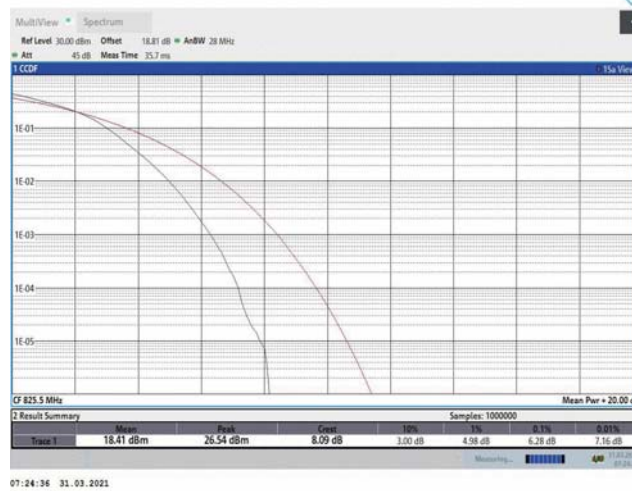
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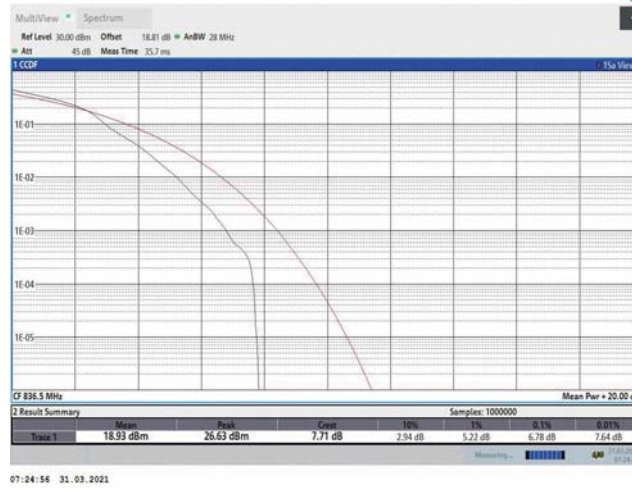
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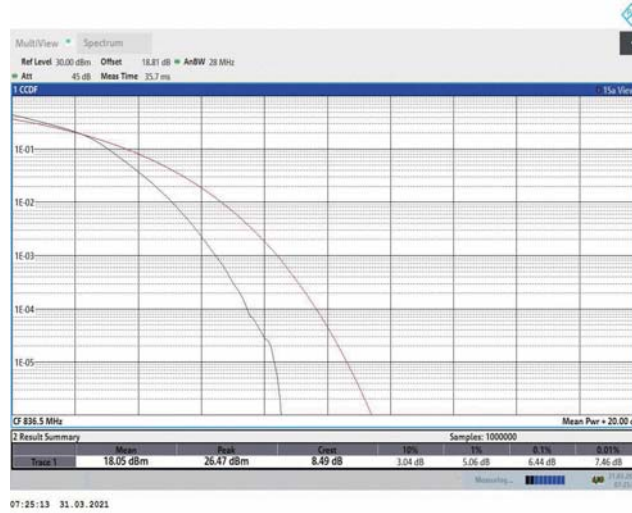
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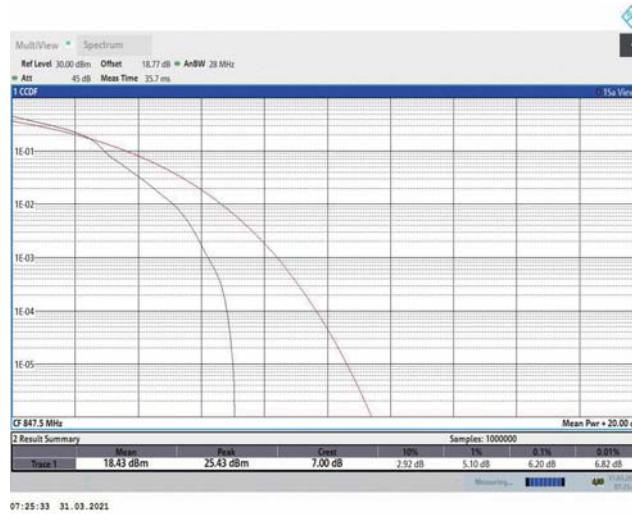
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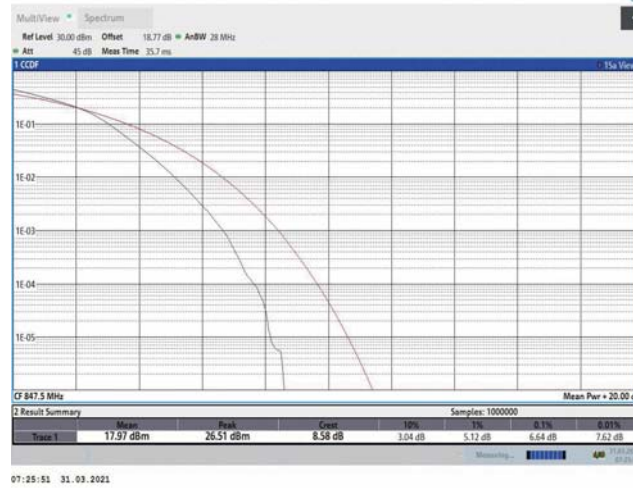
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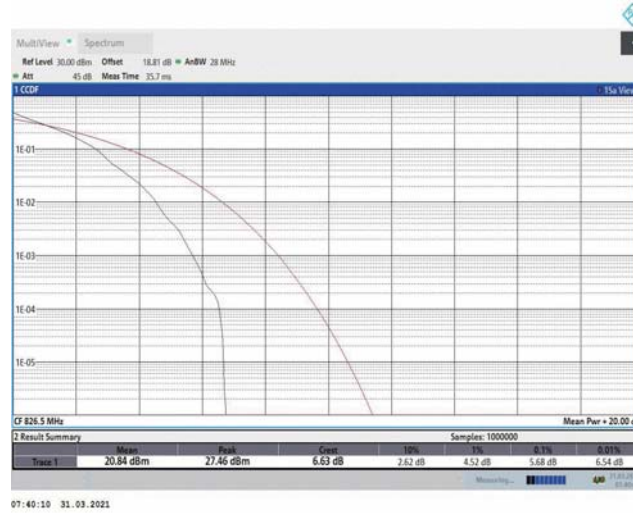
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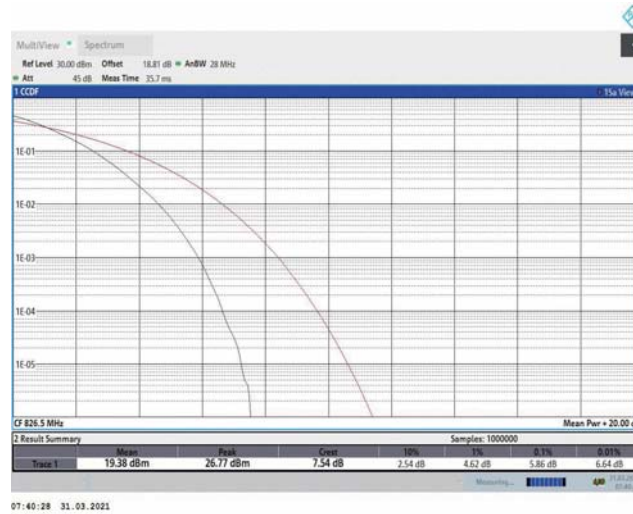
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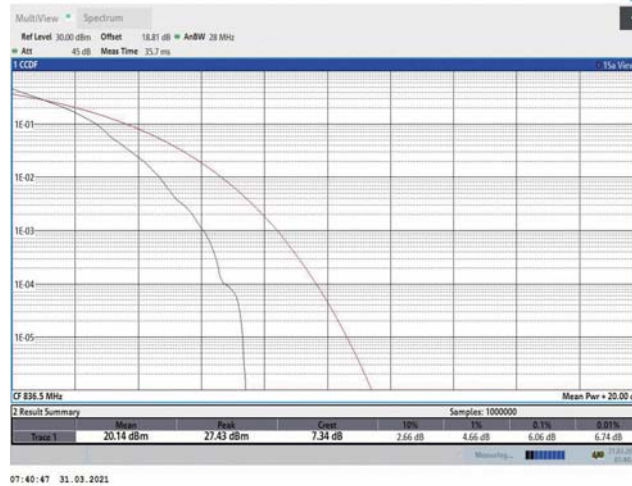
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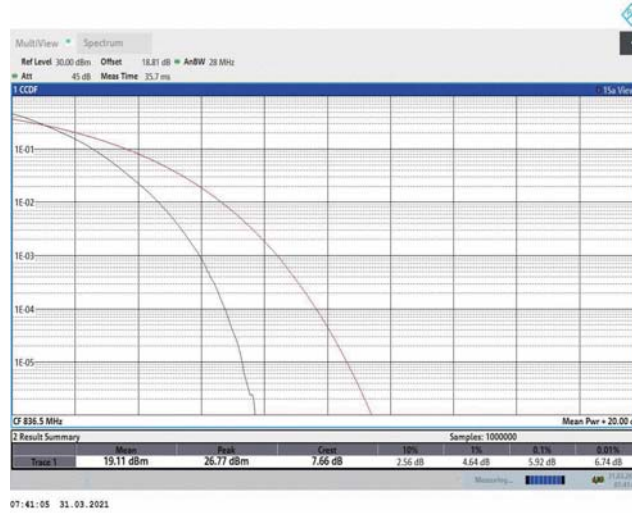
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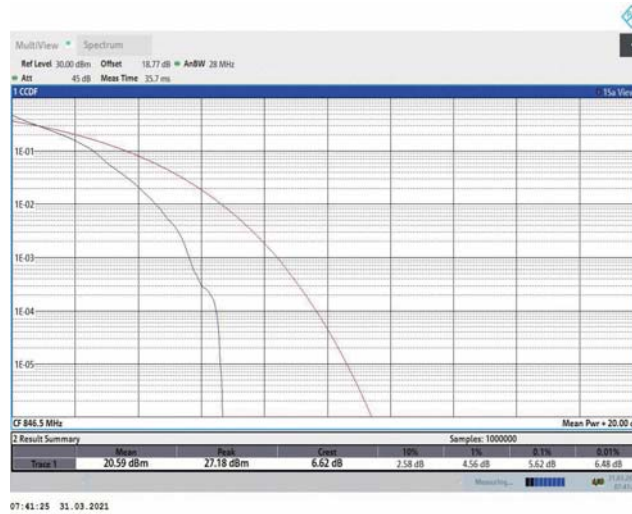
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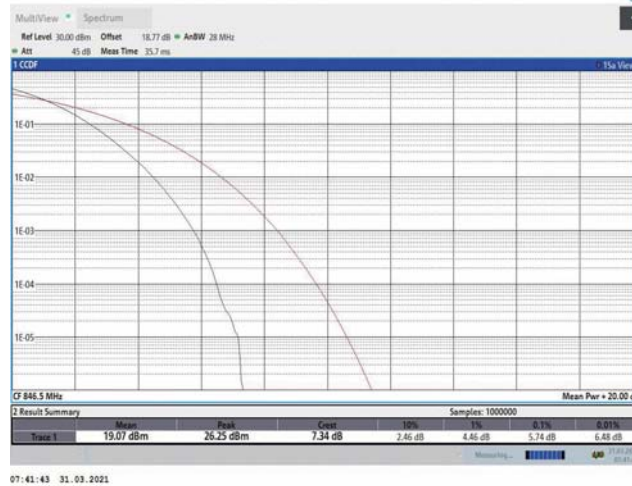
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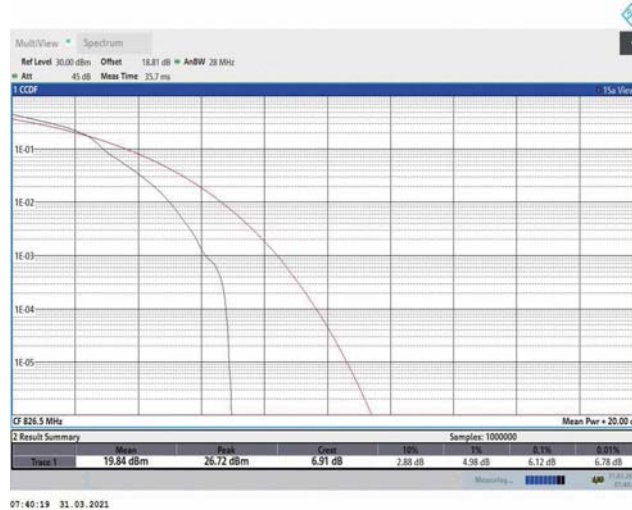
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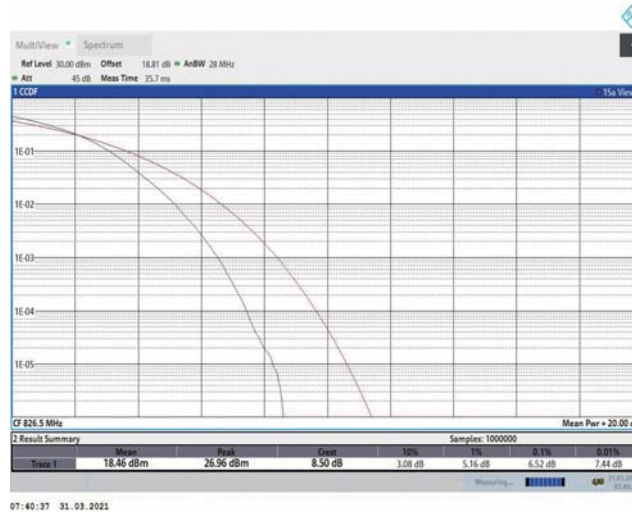
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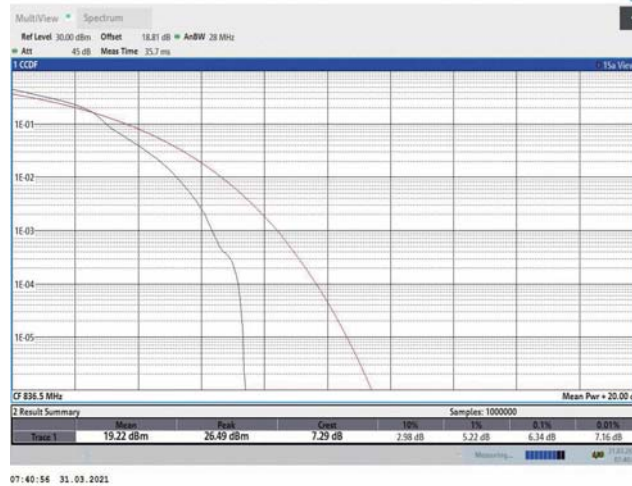
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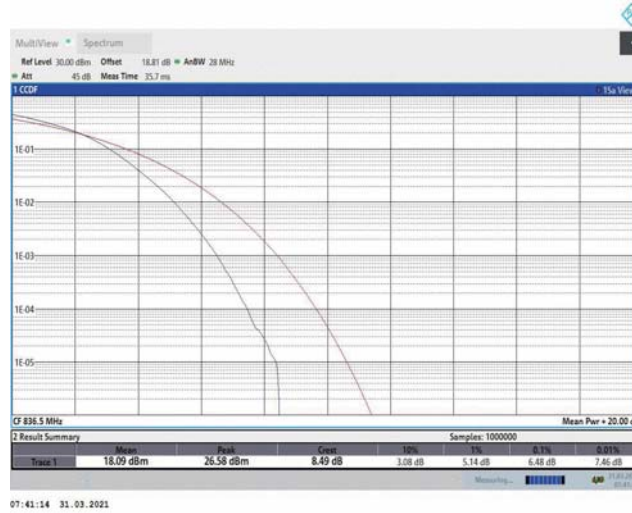
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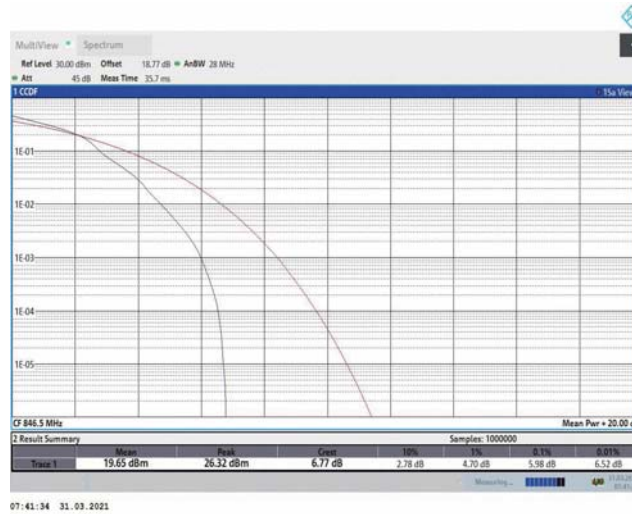
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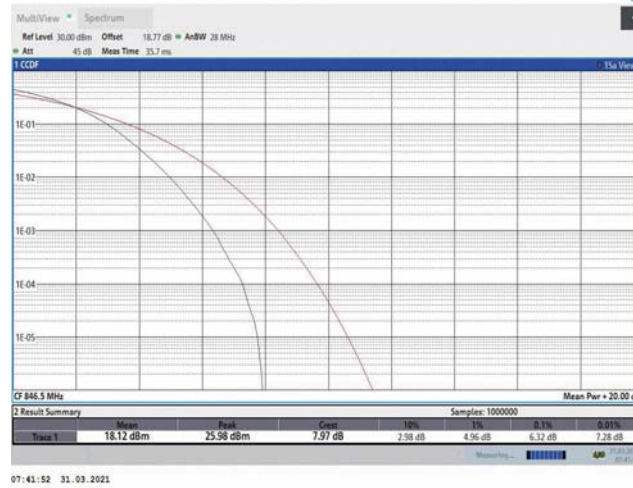
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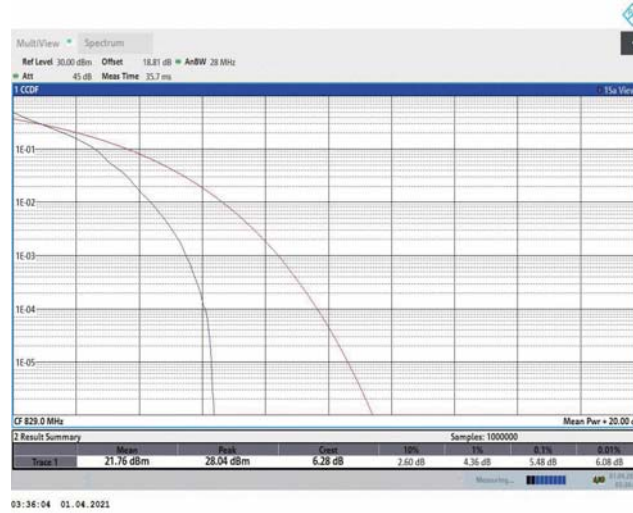
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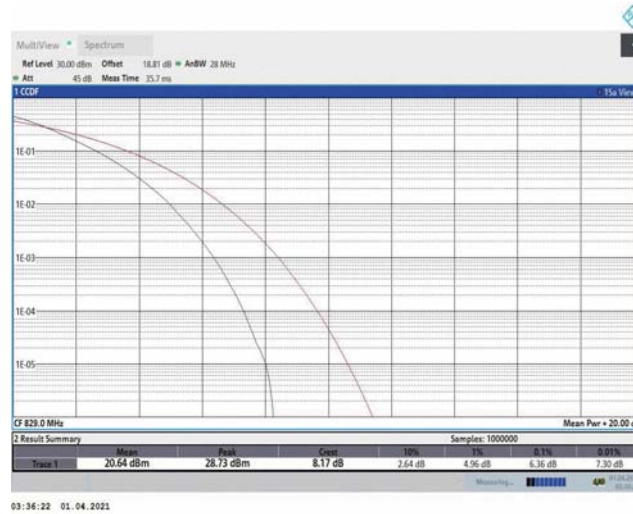
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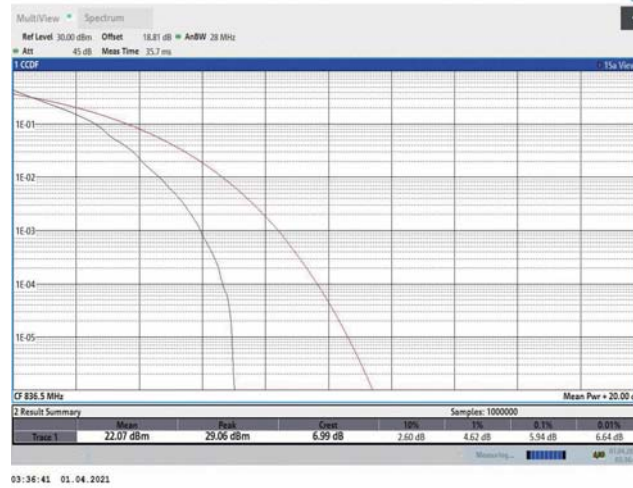
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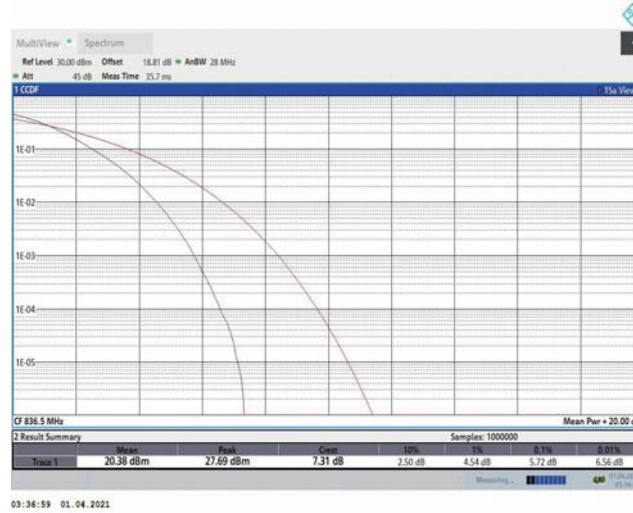
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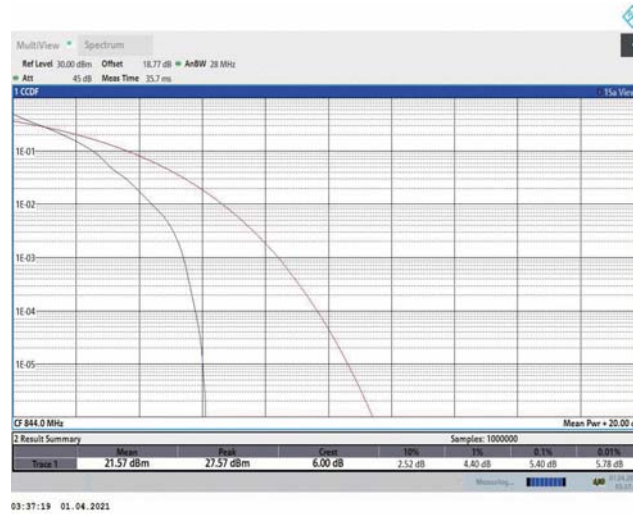
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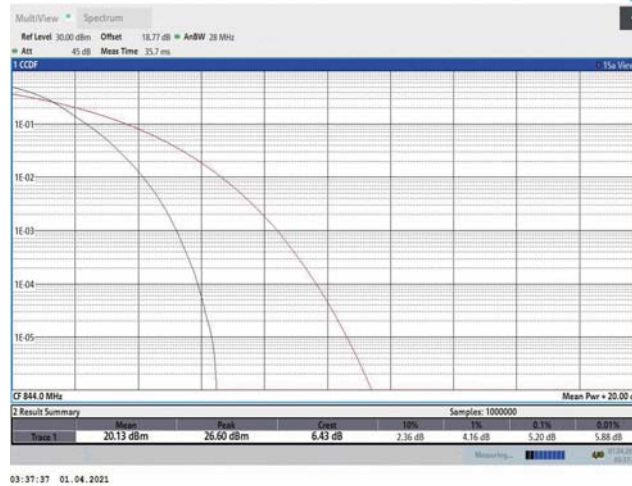
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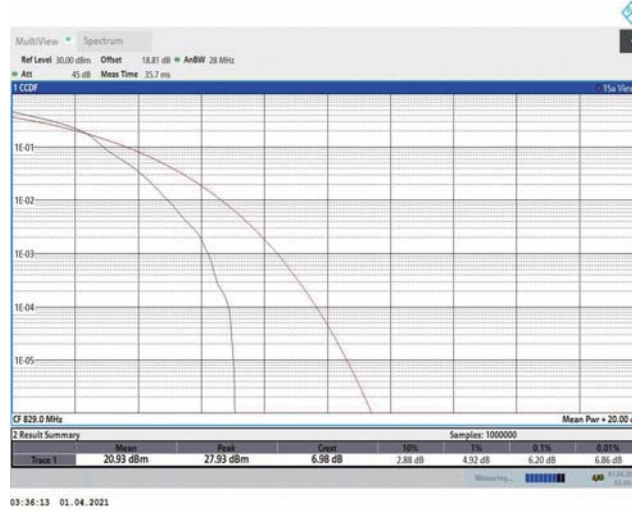
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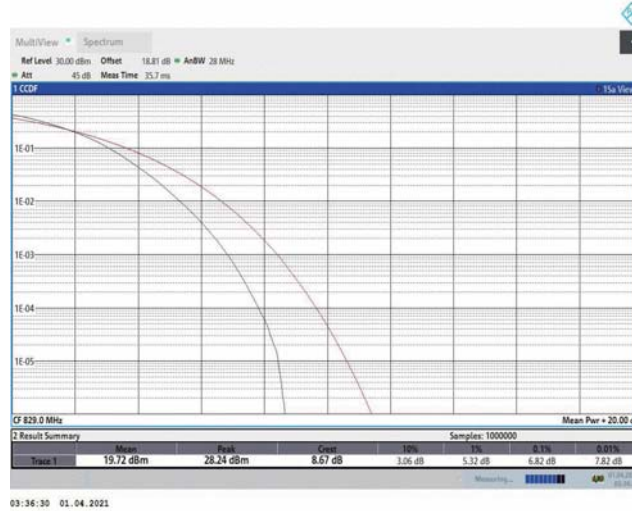
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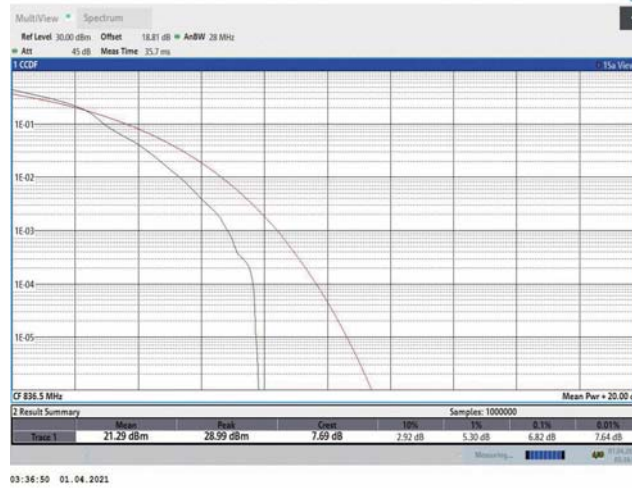
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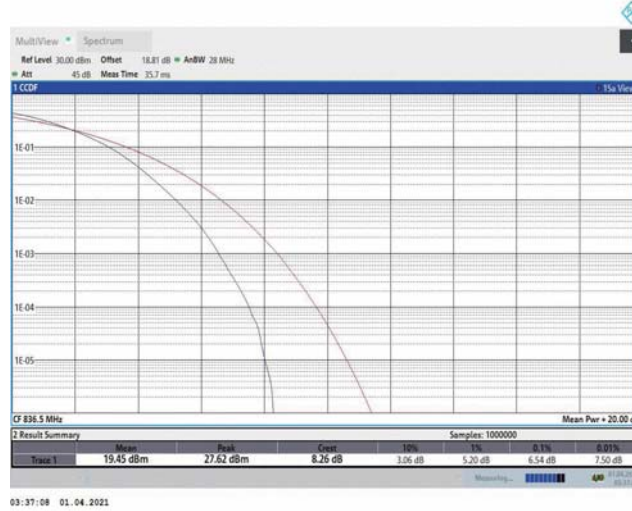
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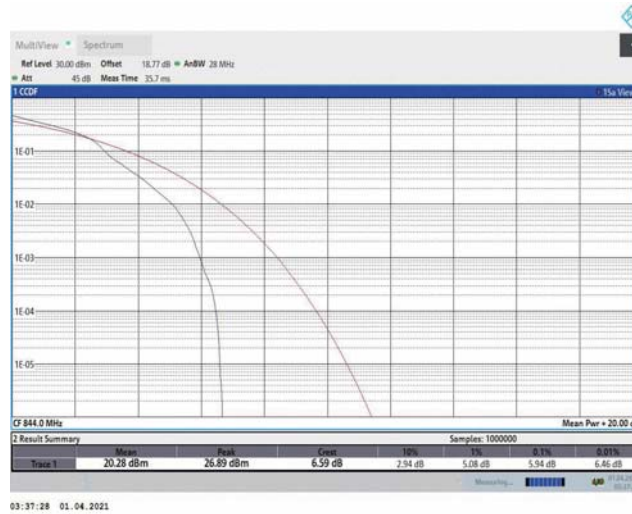
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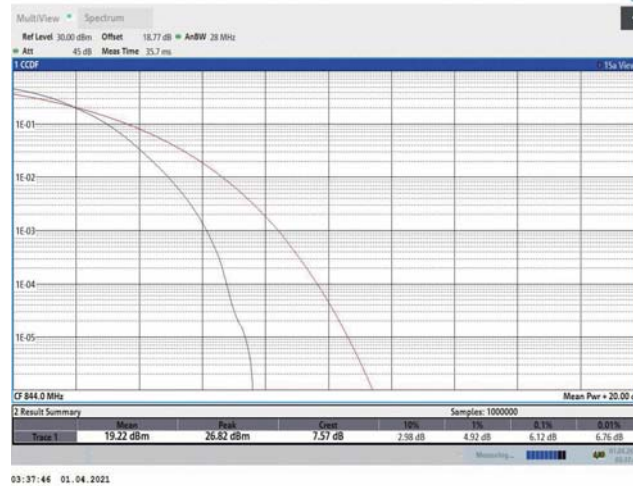
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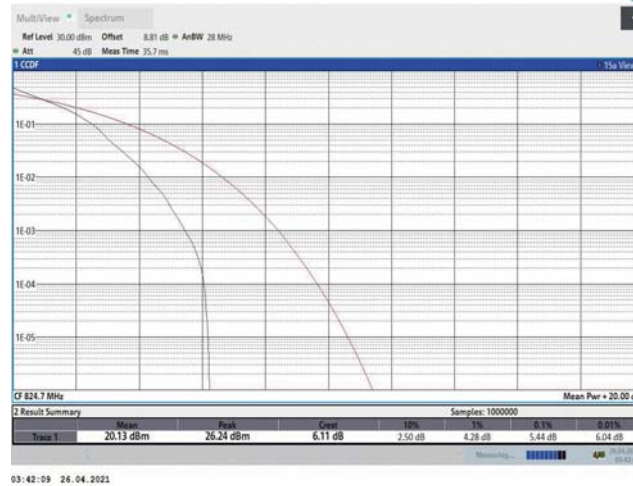


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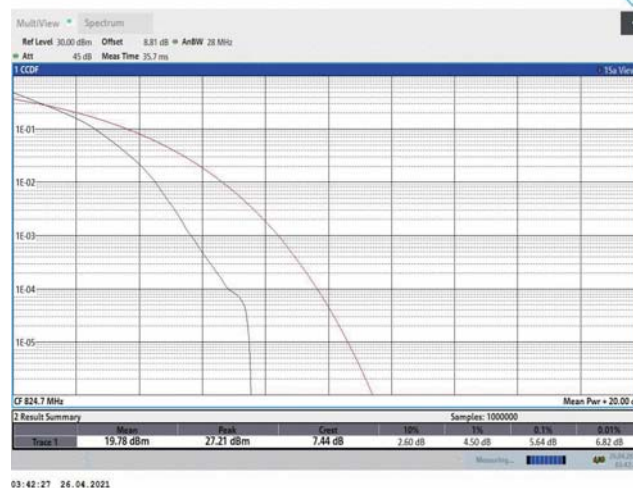


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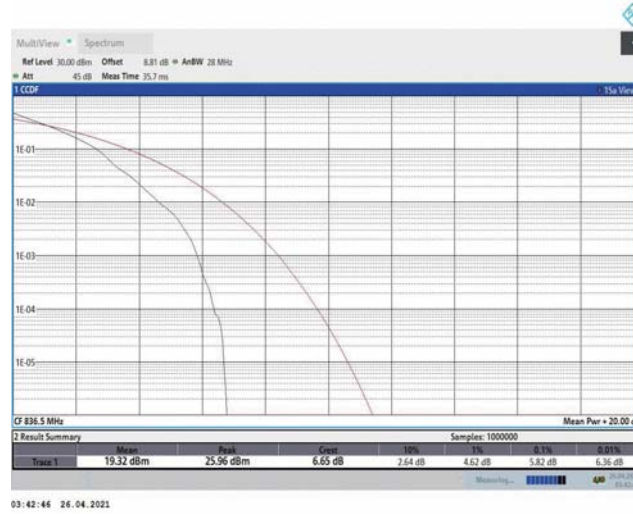
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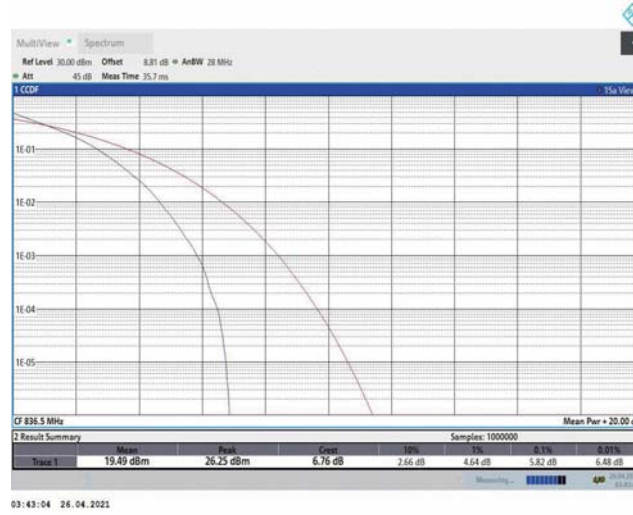
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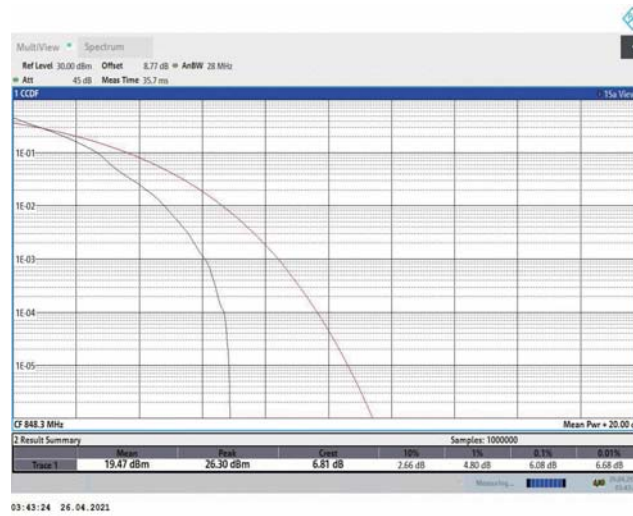
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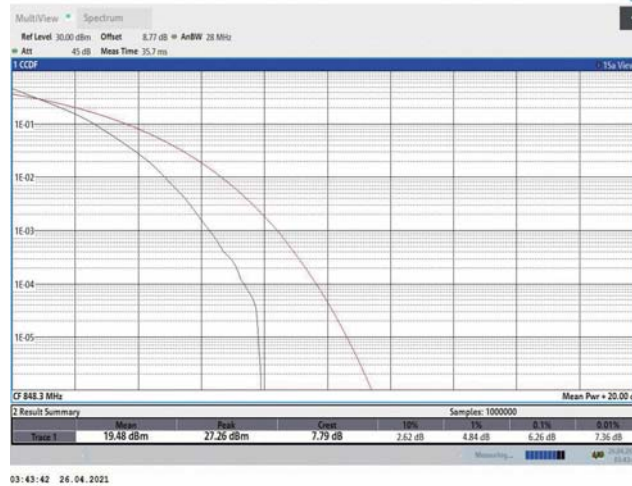
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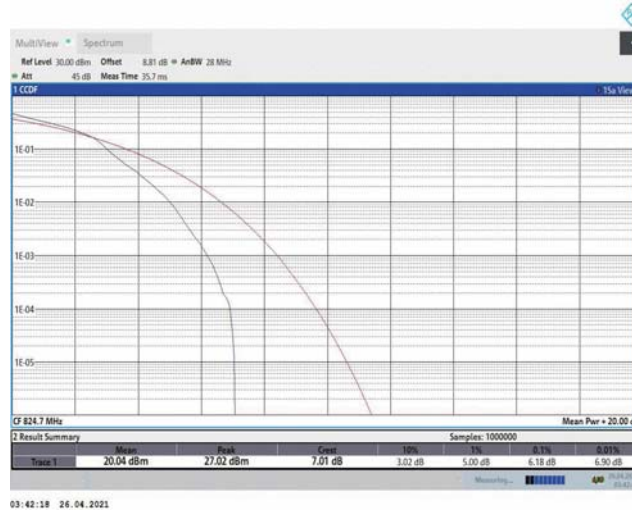
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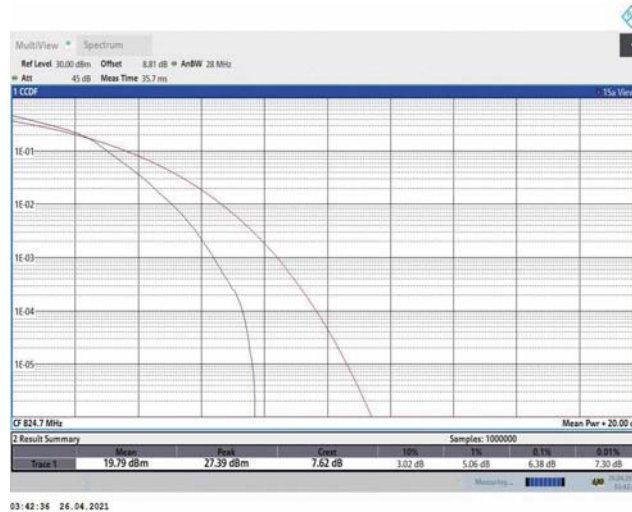
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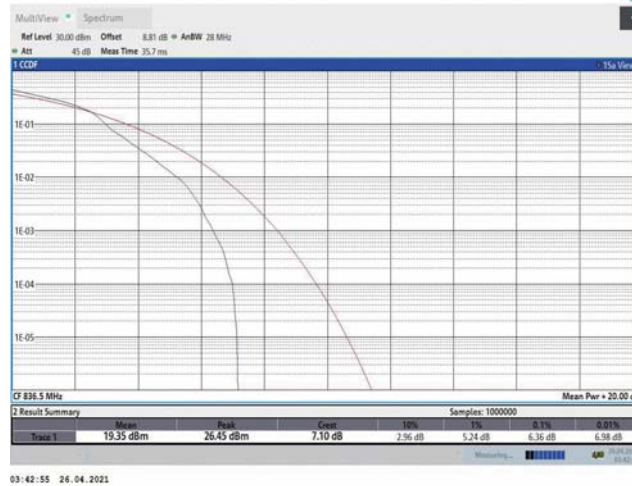
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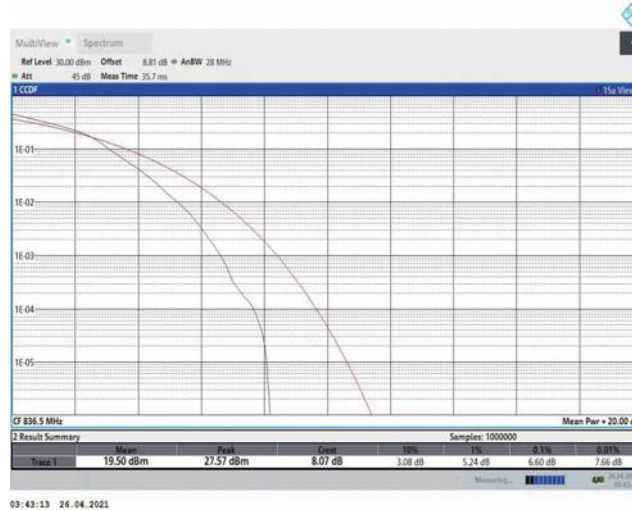
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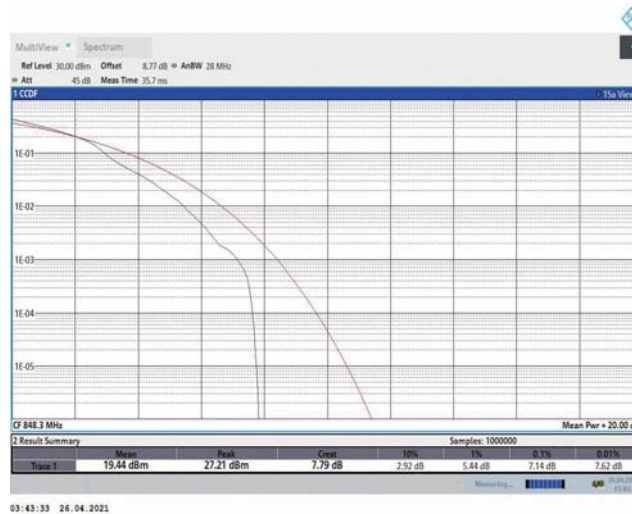
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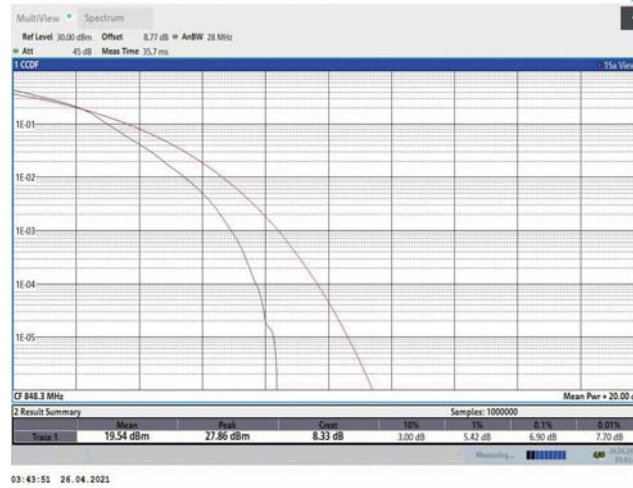
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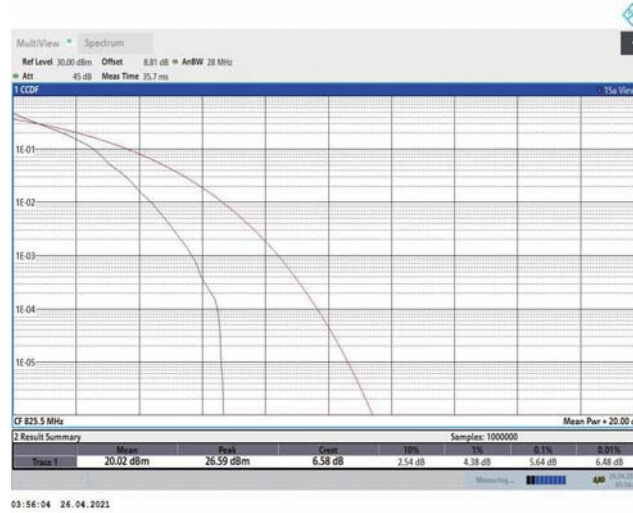
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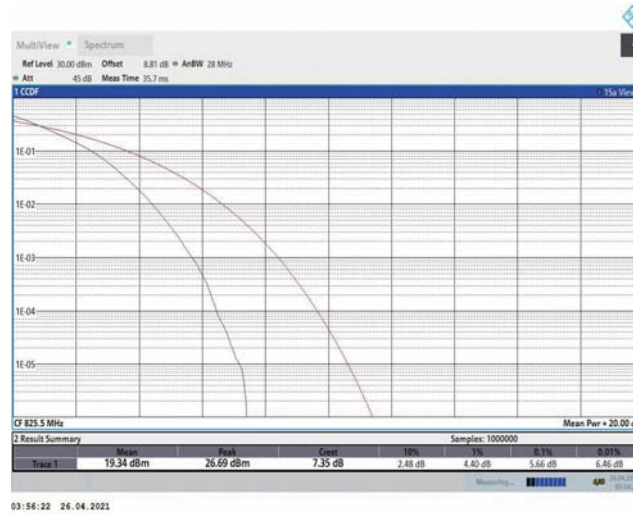
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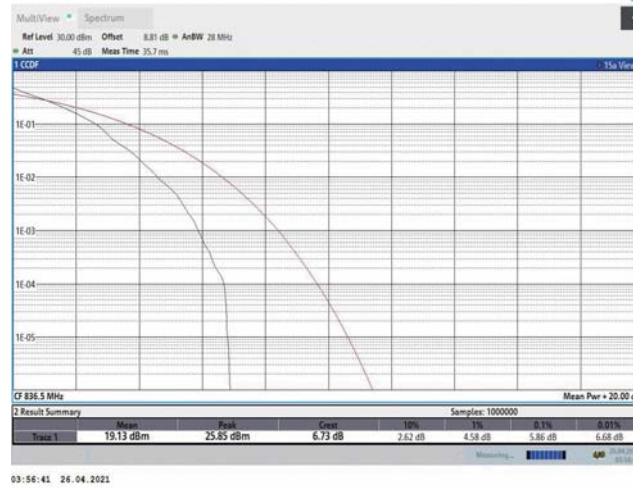
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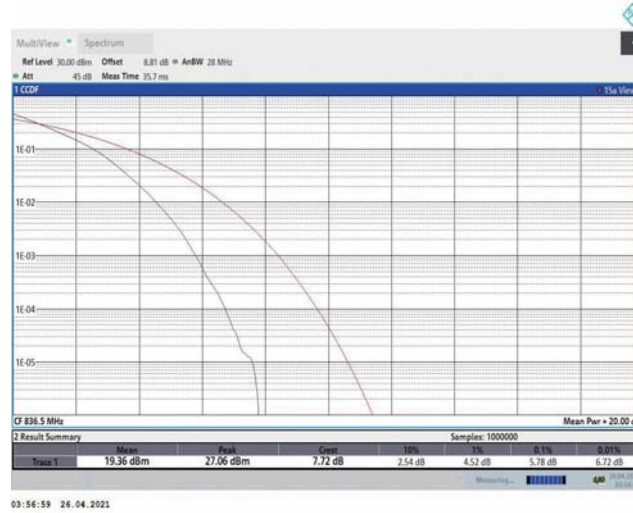
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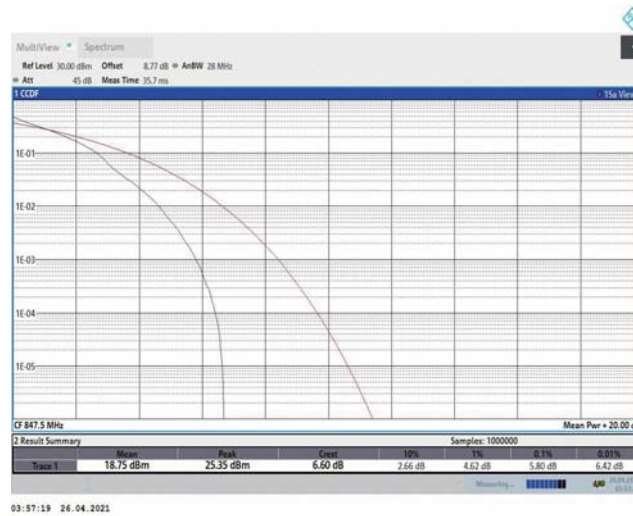
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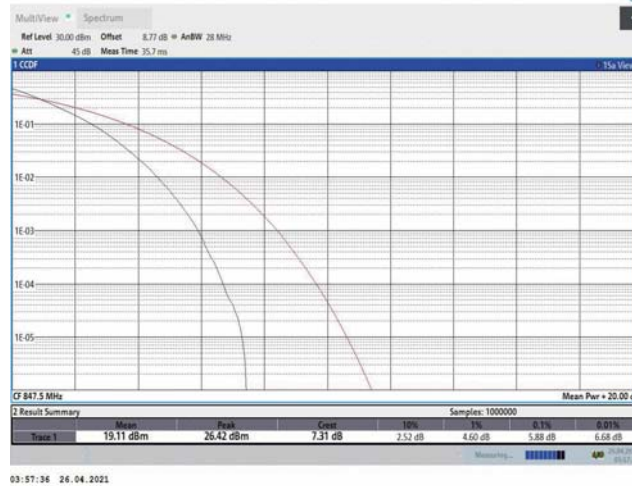
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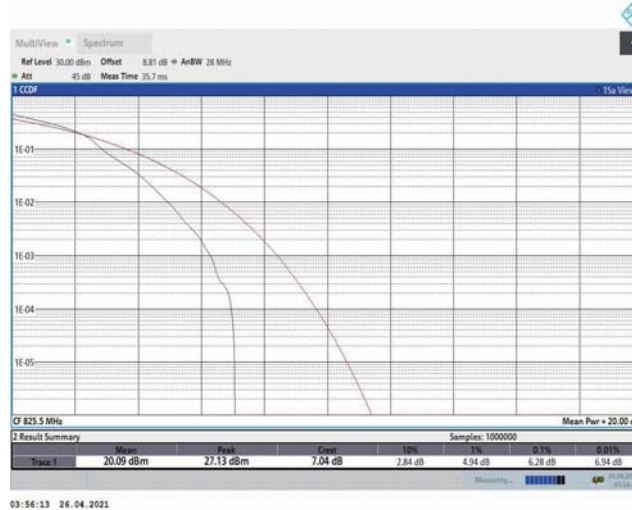
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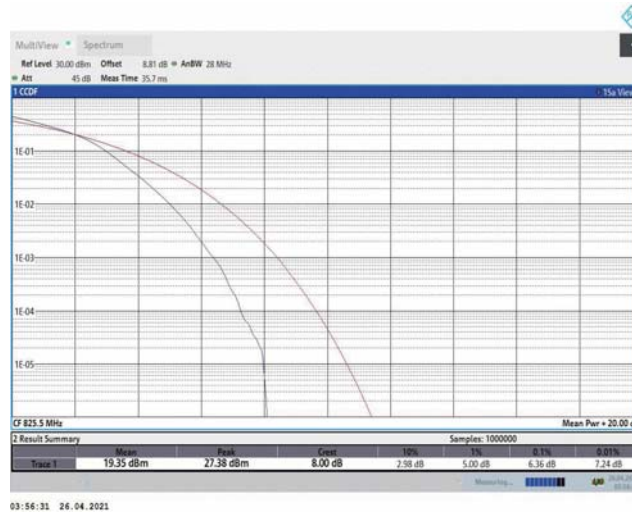
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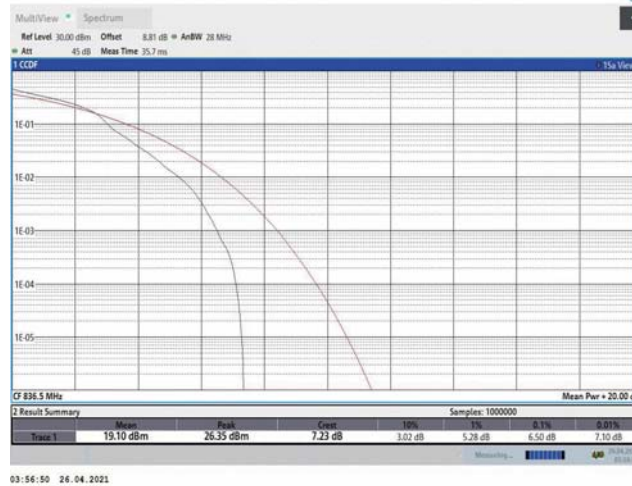
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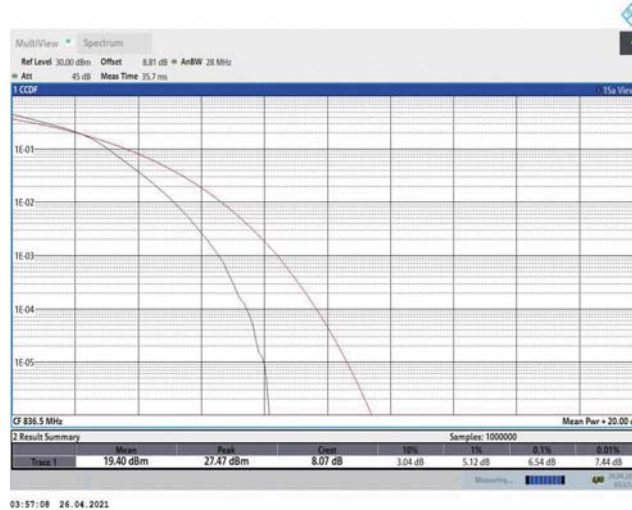
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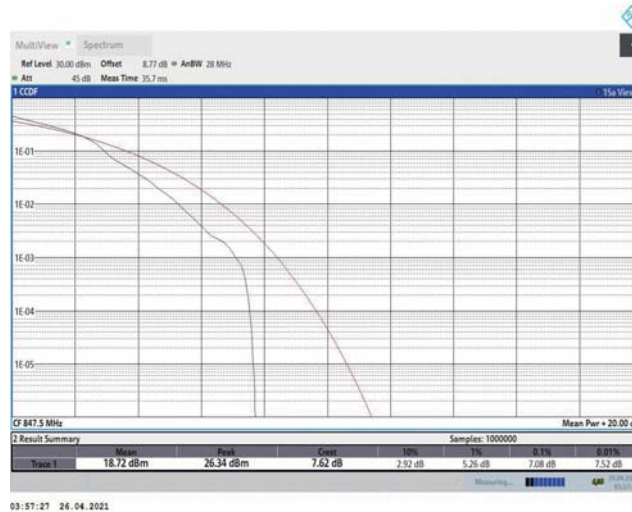
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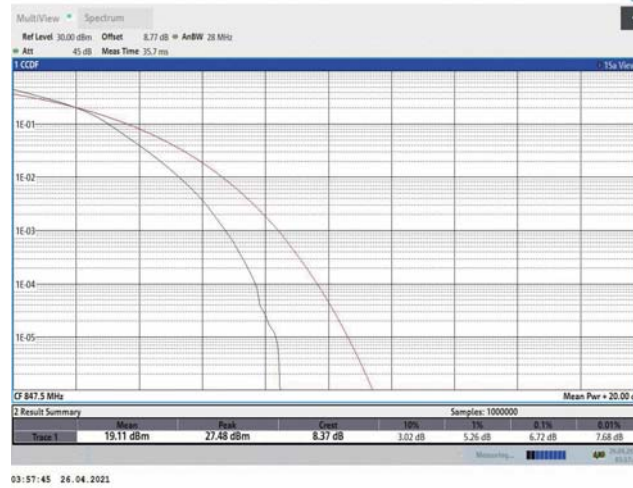
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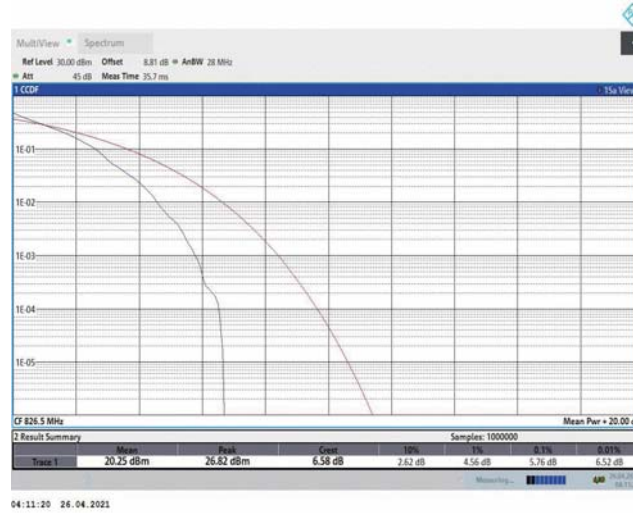
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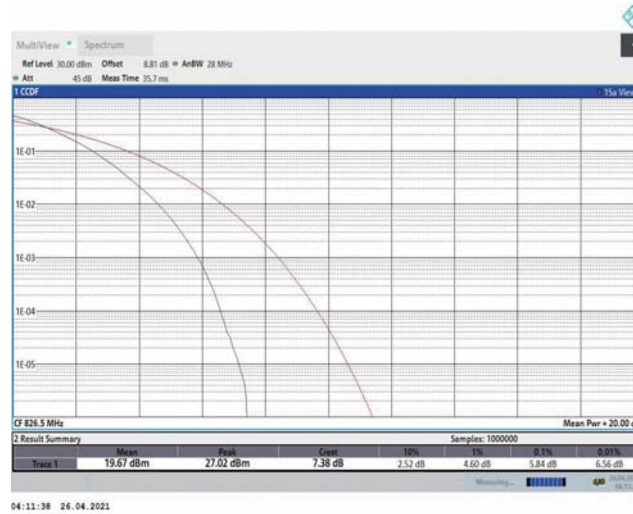
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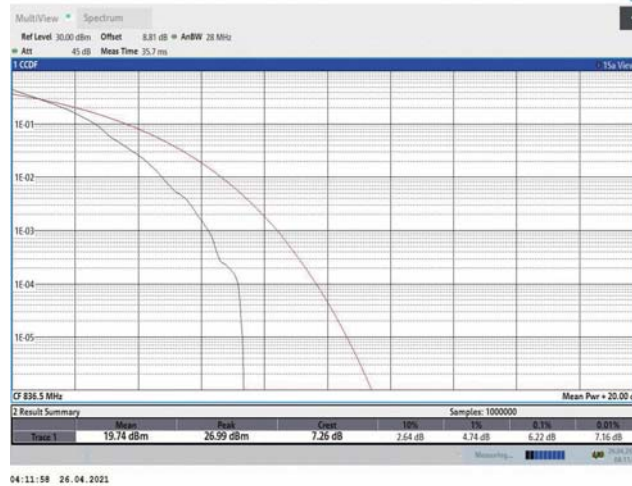
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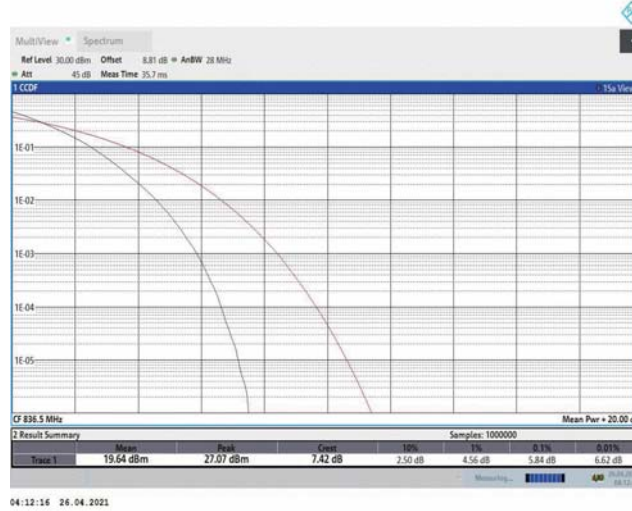
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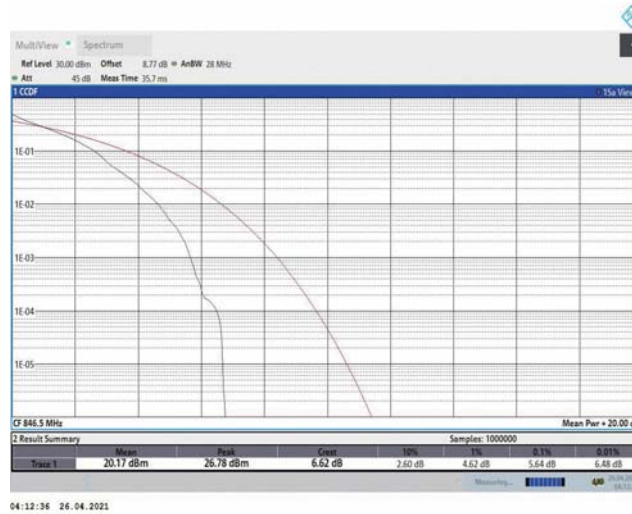
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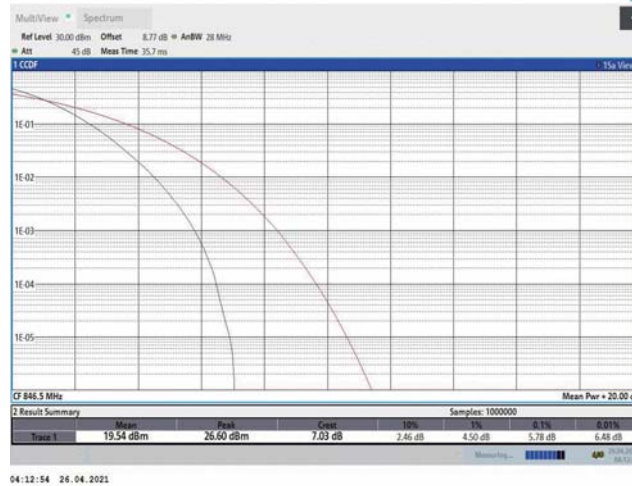
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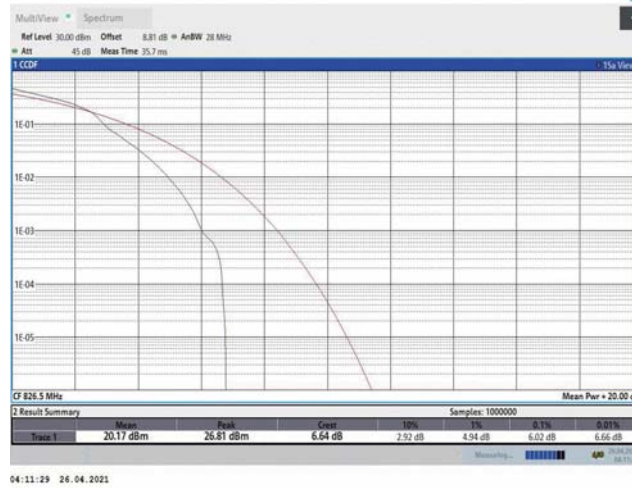
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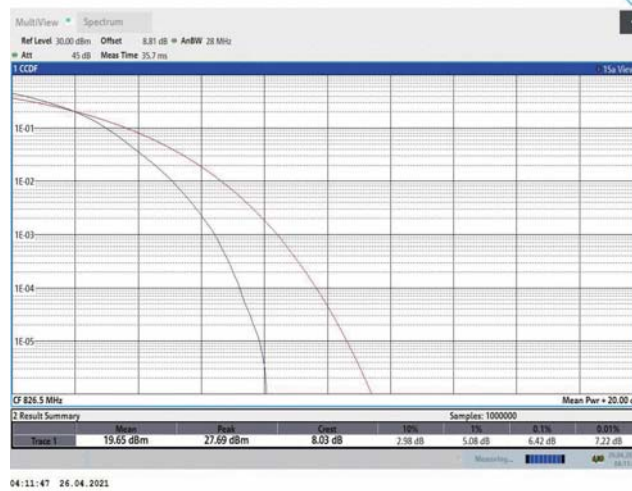
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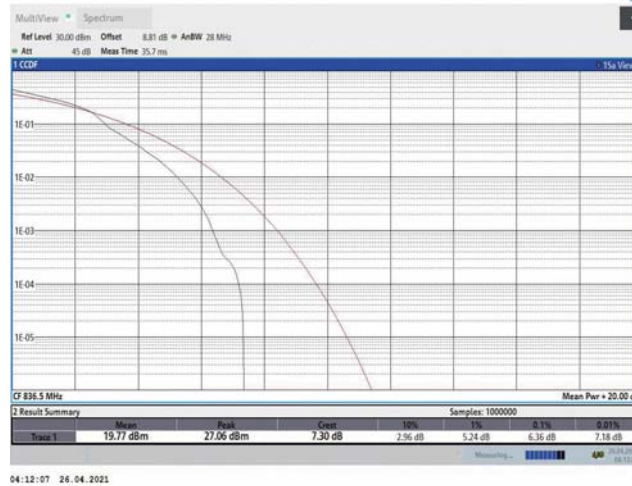
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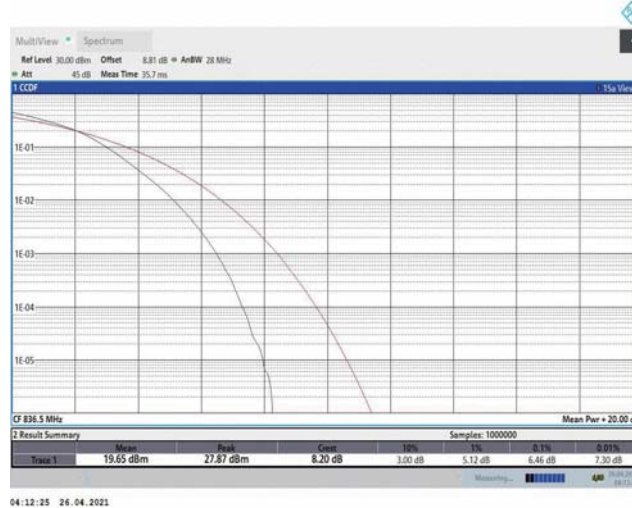
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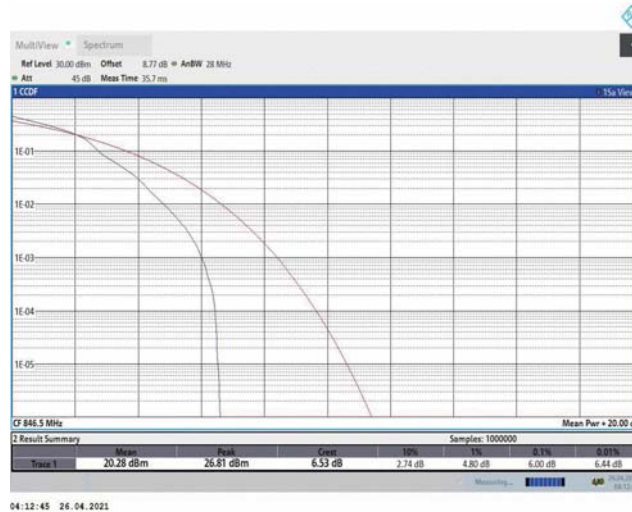
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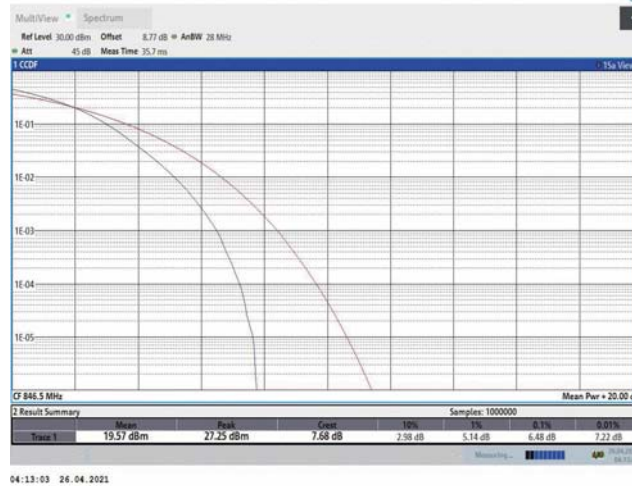
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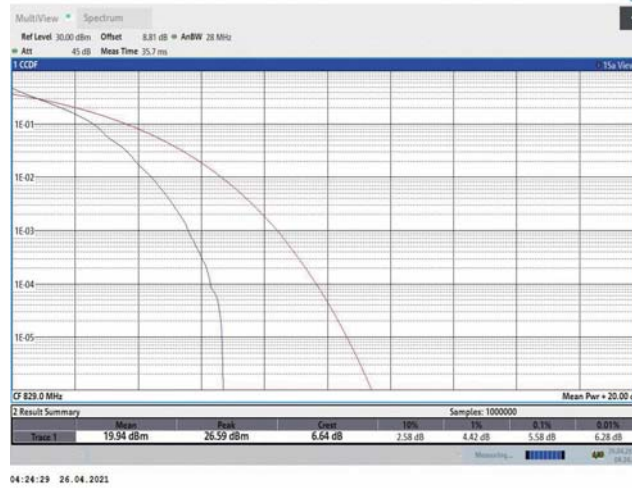
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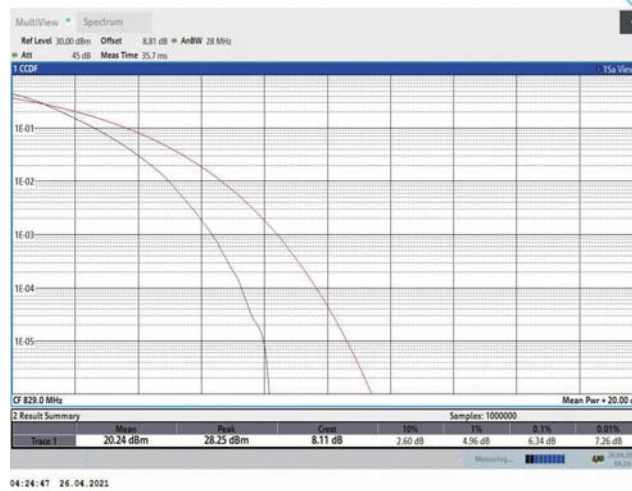
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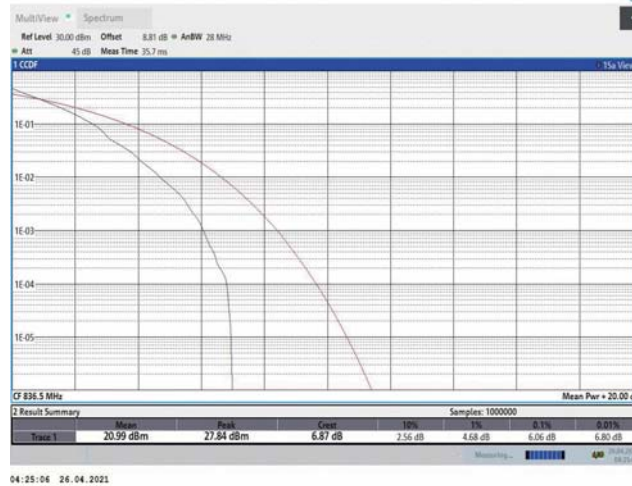
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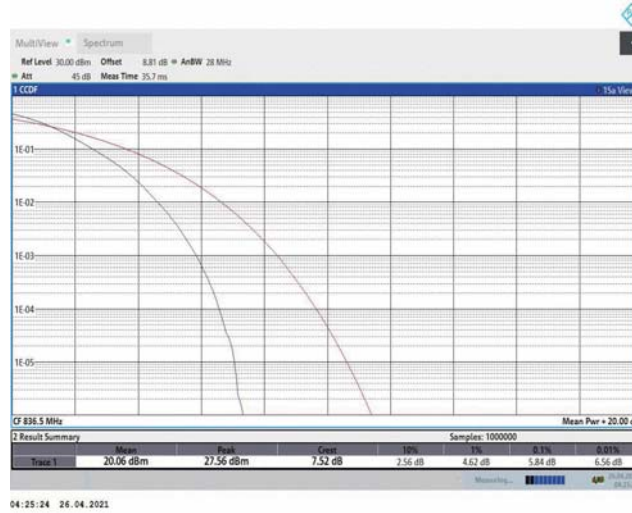
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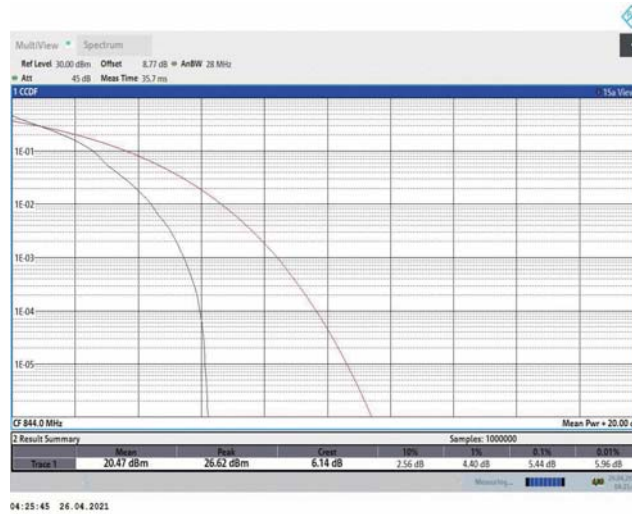
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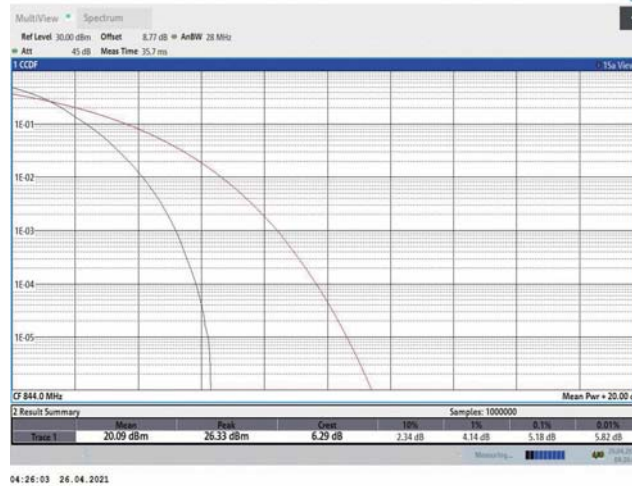
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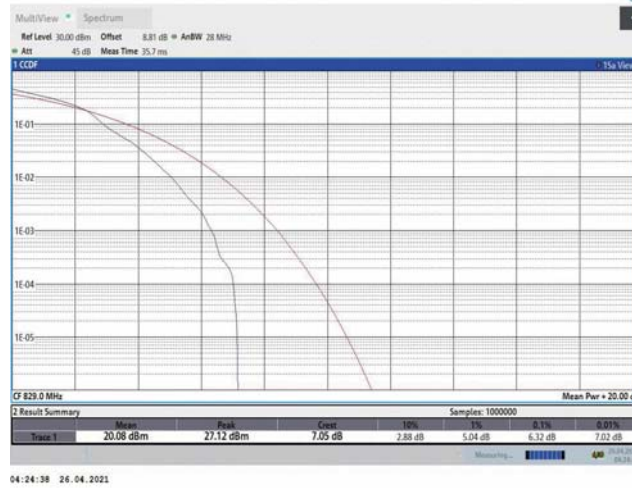
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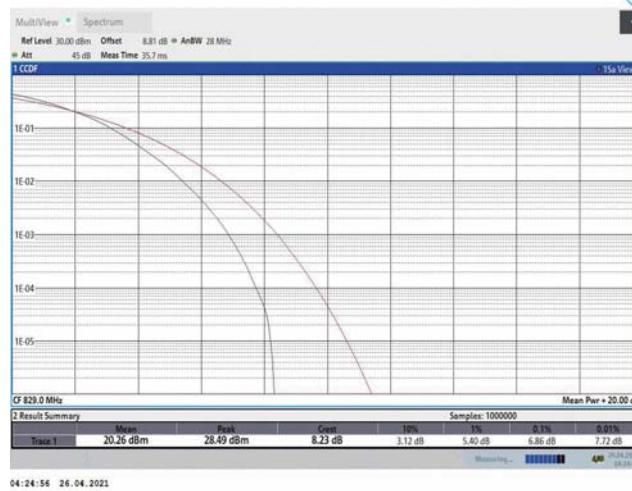
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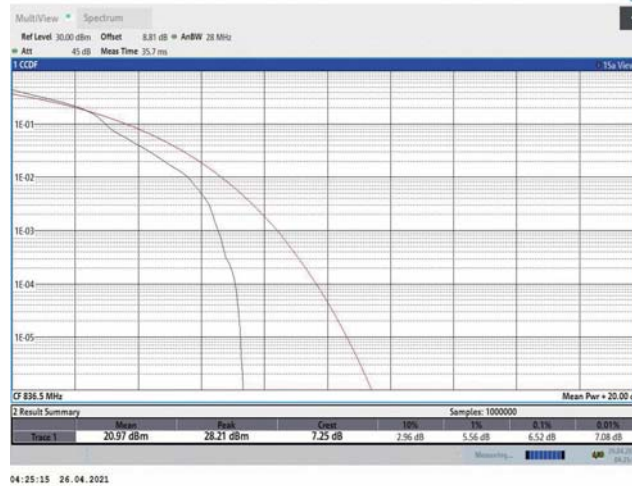
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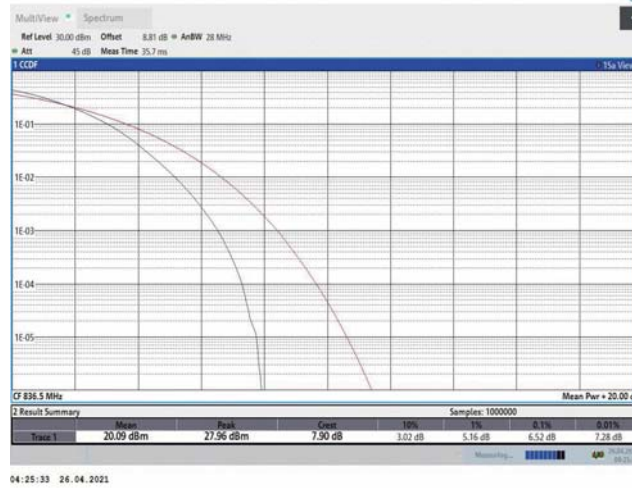
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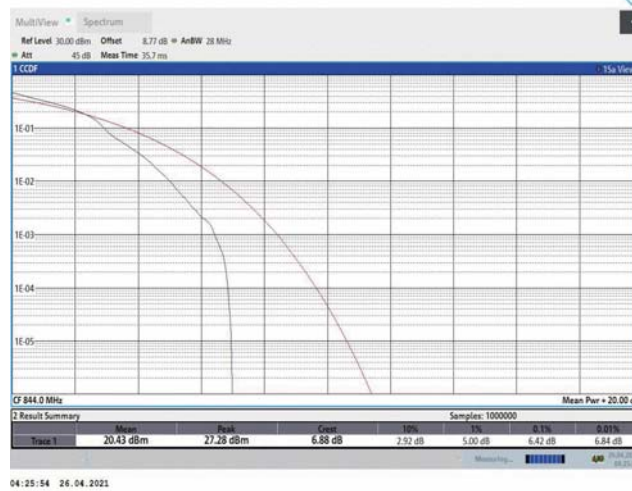
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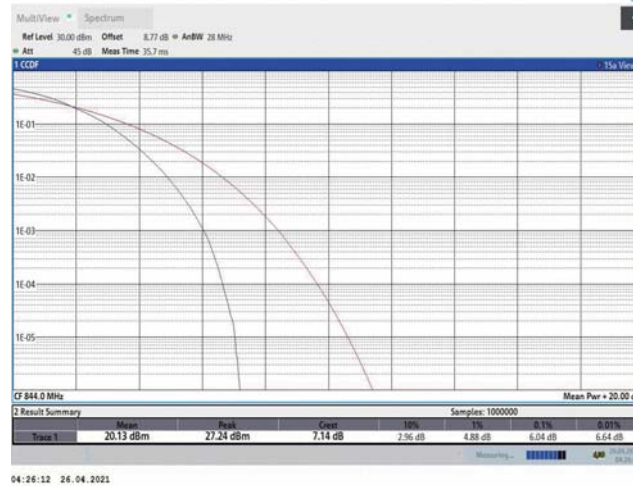
Band5-10MHz-16QAM-20525-1RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

ANT0:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.111                    | 1.470                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.087                    | 1.300                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.088                    | 1.305                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.084                    | 1.300                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.086                    | 1.330                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.087                    | 1.305                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.699                    | 2.860                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.701                    | 2.880                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.697                    | 2.920                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.696                    | 2.910                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.697                    | 2.950                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.699                    | 2.900                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.51                     | 4.820                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.508                    | 4.810                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.497                    | 4.800                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.518                    | 4.820                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.512                    | 4.810                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.487                    | 4.780                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 9.039                    | 9.533                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.975                    | 9.567                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.903                    | 9.533                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 9.028                    | 9.533                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.976                    | 9.533                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.893                    | 9.467                | PASS    |

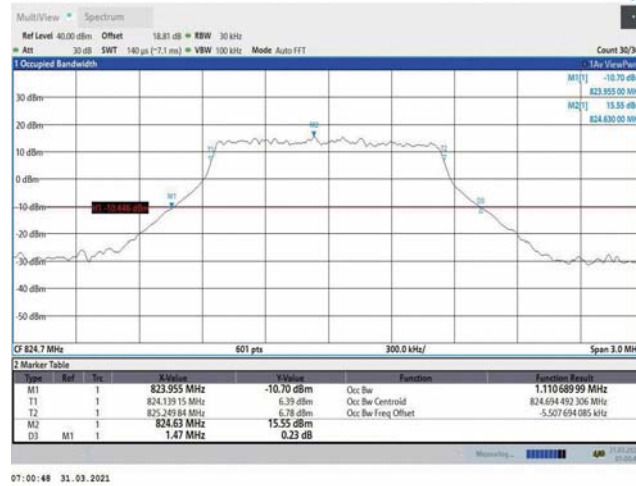
ANT2:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.103                    | 1.455                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.089                    | 1.320                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.088                    | 1.325                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.085                    | 1.300                | PASS    |

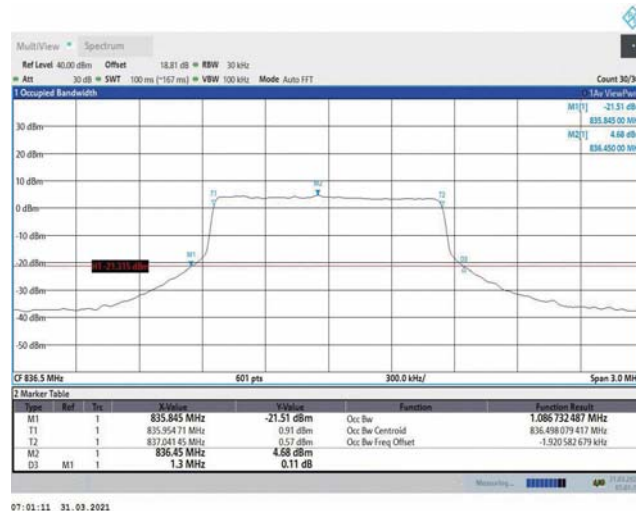
|       |        |       |       |        |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 1.086 | 1.330 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 1.087 | 1.310 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 2.699 | 2.860 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 2.704 | 2.990 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 2.698 | 2.890 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 2.692 | 2.930 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 2.696 | 2.990 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | 2.698 | 2.930 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 25RB#0 | 4.514 | 4.810 | PASS |
| Band5 | 5MHz   | QPSK  | 20525 | 25RB#0 | 4.504 | 4.810 | PASS |
| Band5 | 5MHz   | QPSK  | 20625 | 25RB#0 | 4.494 | 4.770 | PASS |
| Band5 | 5MHz   | 16QAM | 20425 | 25RB#0 | 4.518 | 4.800 | PASS |
| Band5 | 5MHz   | 16QAM | 20525 | 25RB#0 | 4.506 | 4.810 | PASS |
| Band5 | 5MHz   | 16QAM | 20625 | 25RB#0 | 4.504 | 4.780 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 50RB#0 | 9.041 | 9.533 | PASS |
| Band5 | 10MHz  | QPSK  | 20525 | 50RB#0 | 8.984 | 9.567 | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 50RB#0 | 8.906 | 9.500 | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 50RB#0 | 9.031 | 9.533 | PASS |
| Band5 | 10MHz  | 16QAM | 20525 | 50RB#0 | 8.974 | 9.533 | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 50RB#0 | 8.893 | 9.500 | PASS |

## Test Graphs

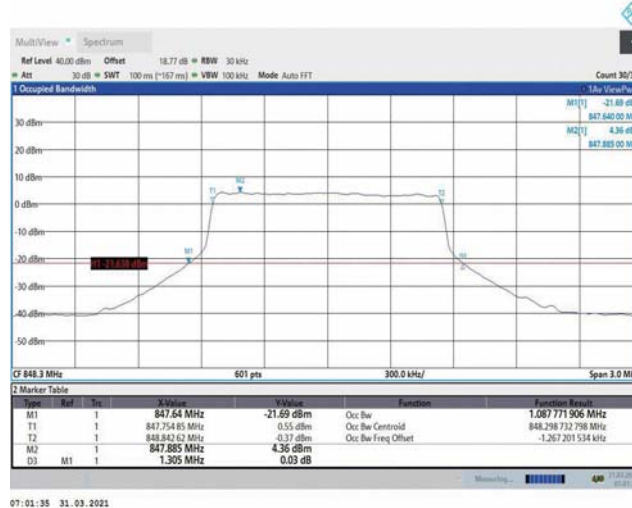
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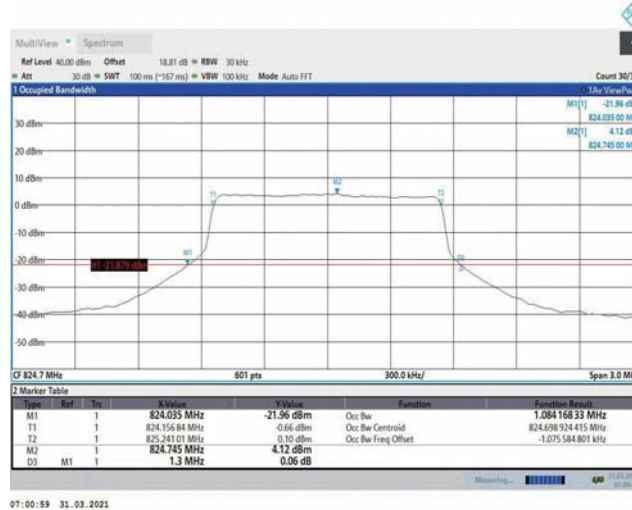
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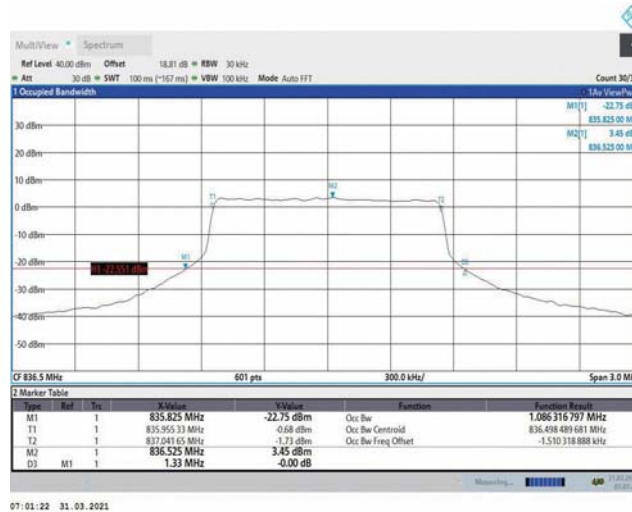
Band5-1.4MHz-QPSK-20525-6RB#0-1.087



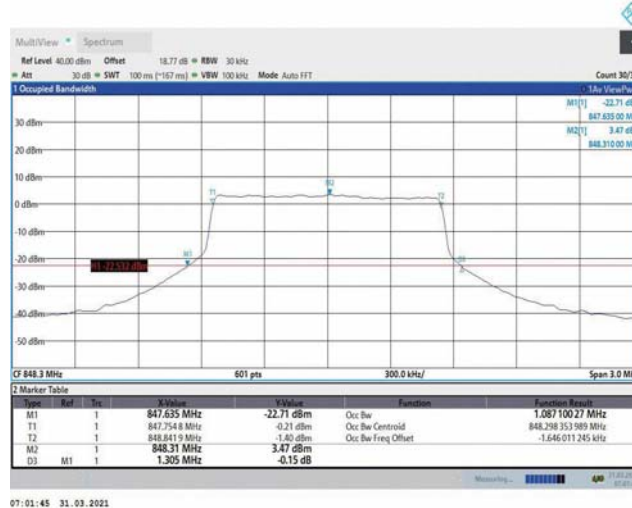
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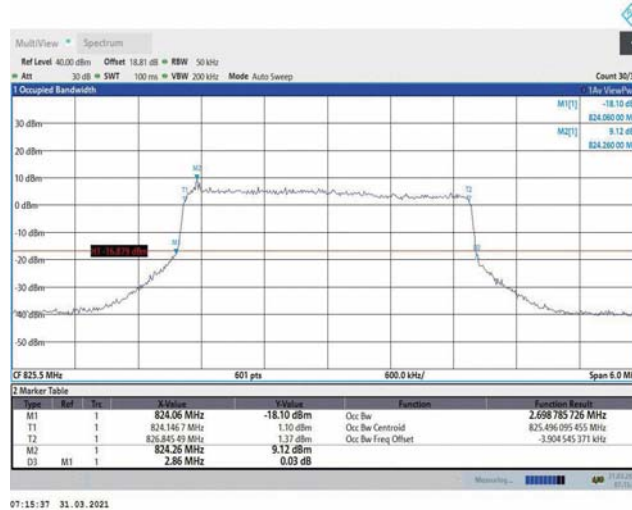
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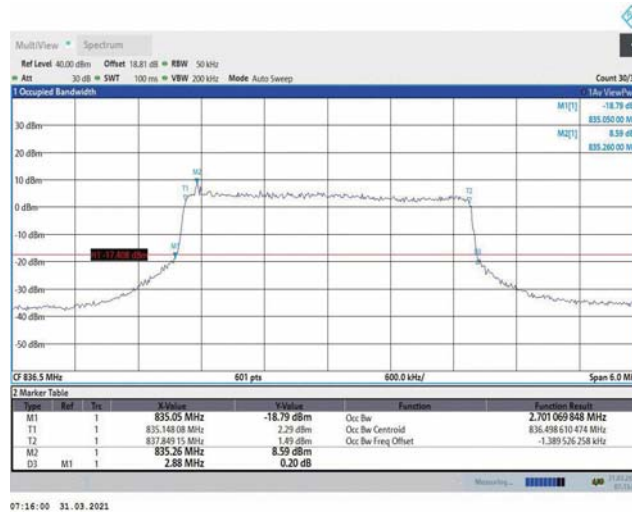
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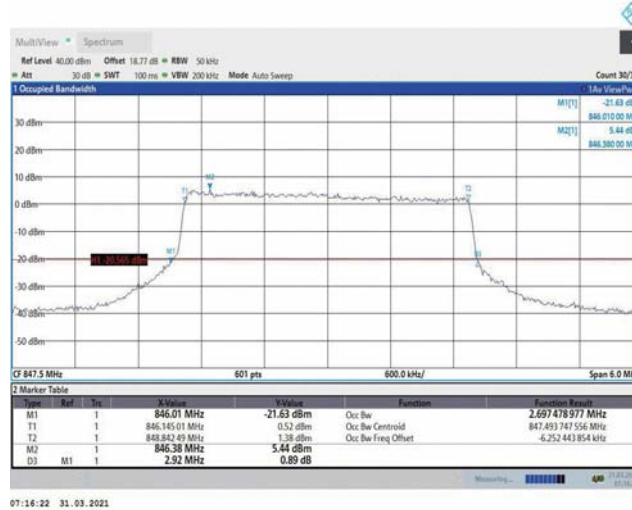
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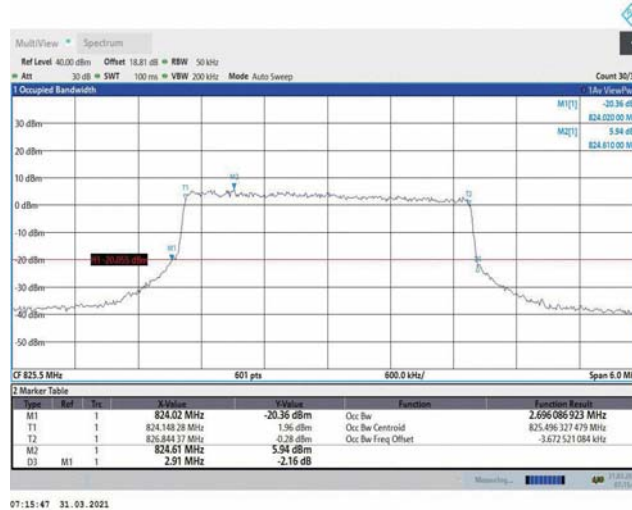
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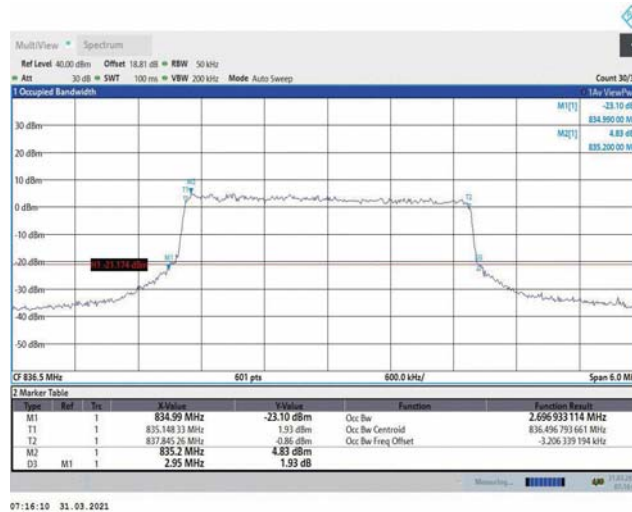
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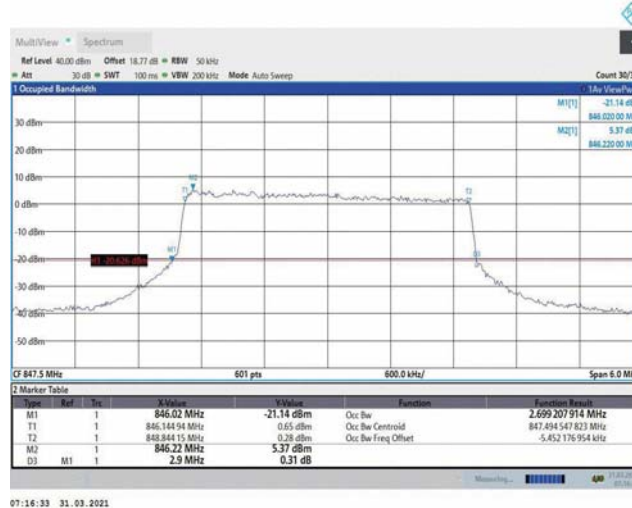
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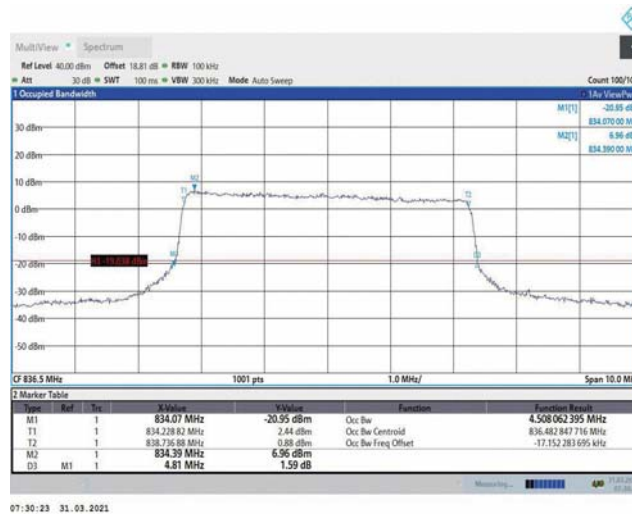
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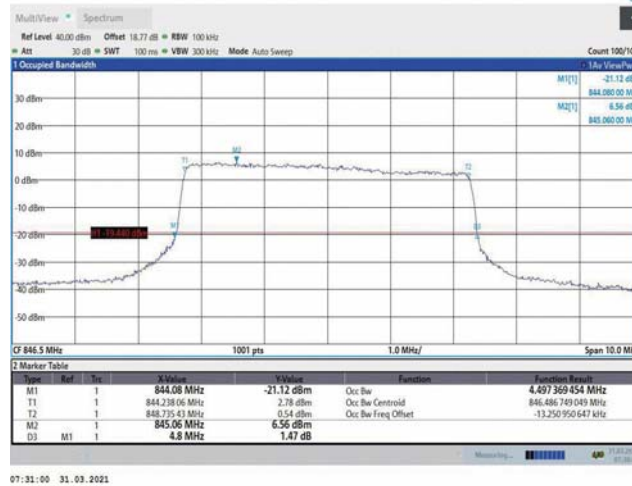
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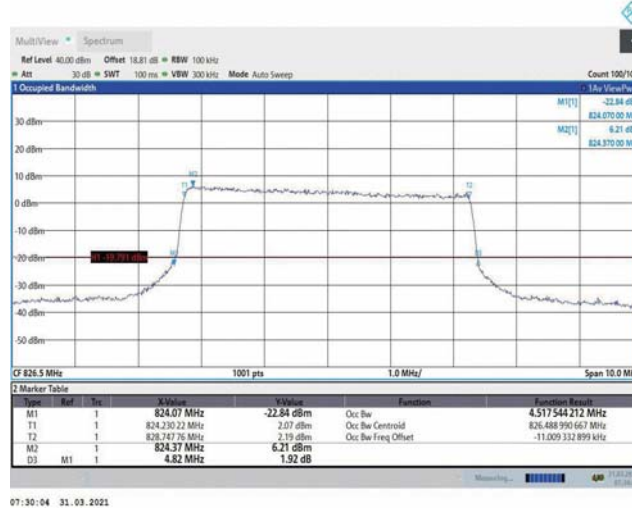
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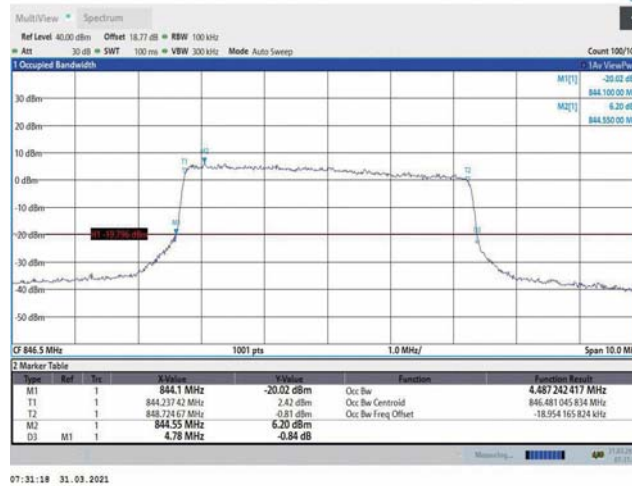
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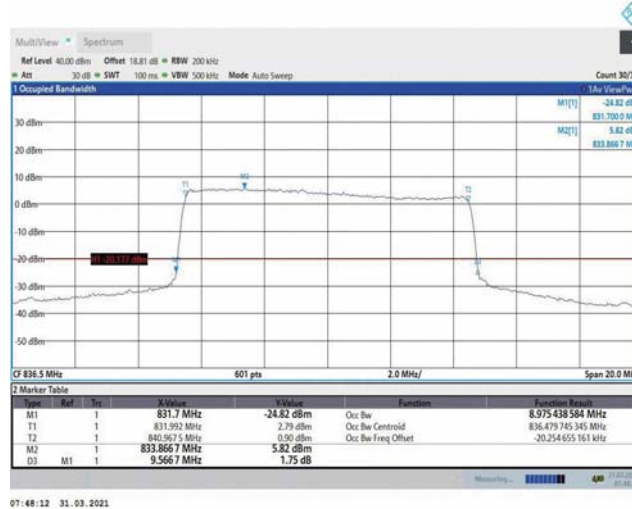
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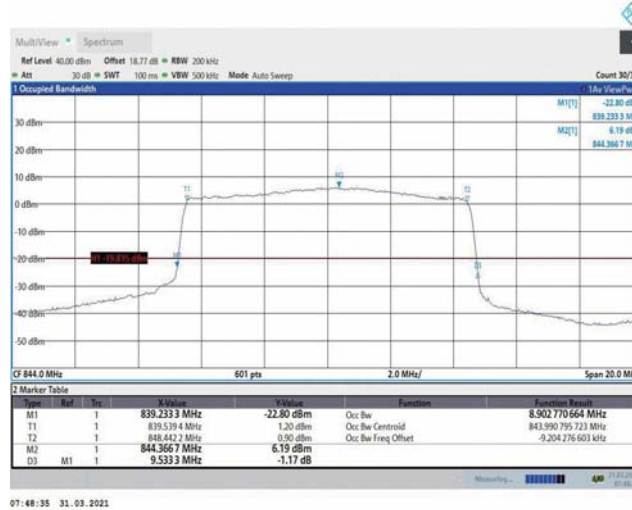
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Band5-10MHz-QPSK-20525-50RB#0-8.975



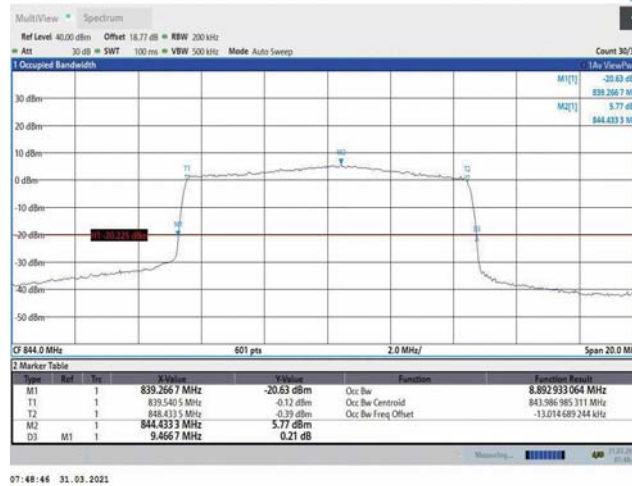
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Band5-10MHz-16QAM-20450-50RB#0-9.028



Band5-10MHz-16QAM-20525-50RB#0-8.976



Band5-10MHz-16QAM-20600-50RB#0-8.893

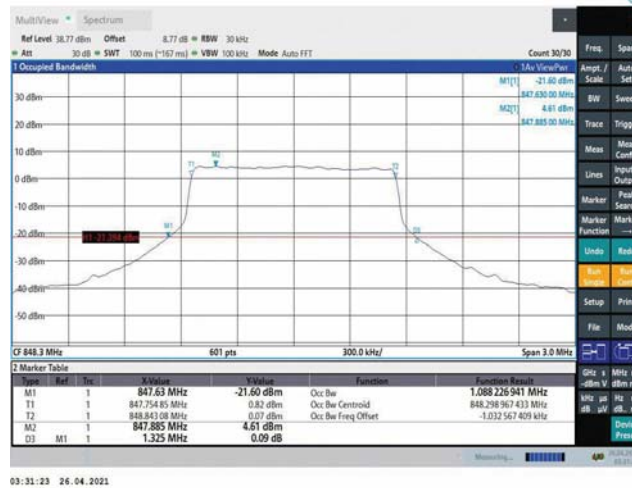
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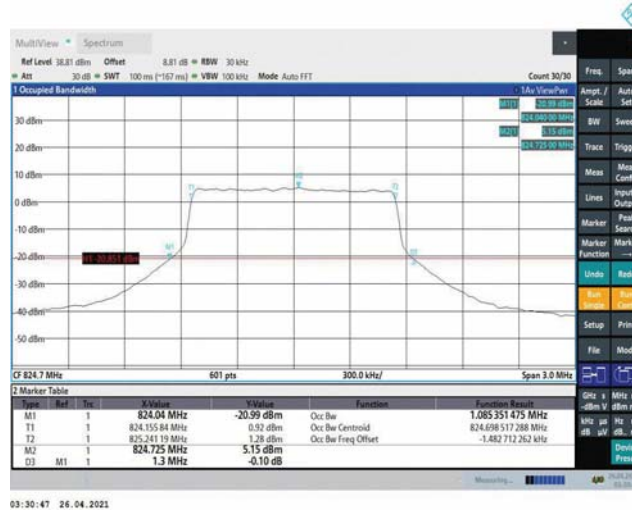
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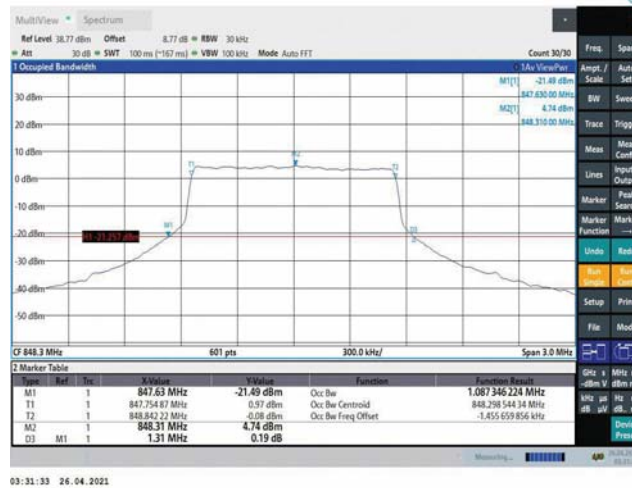
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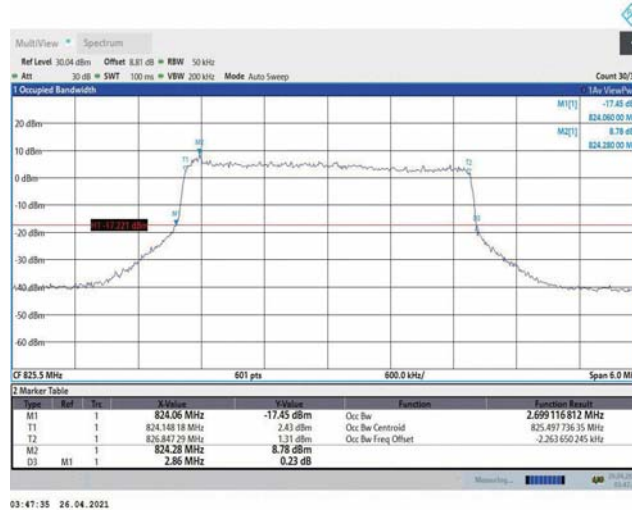
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Band5-1.4MHz-16QAM-20525-6RB#0-1.086



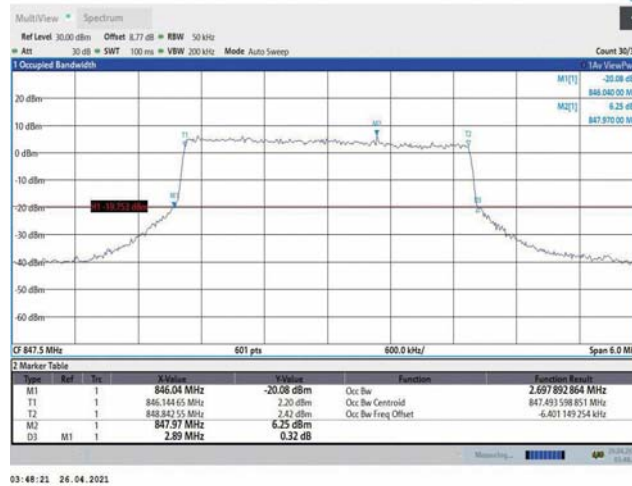
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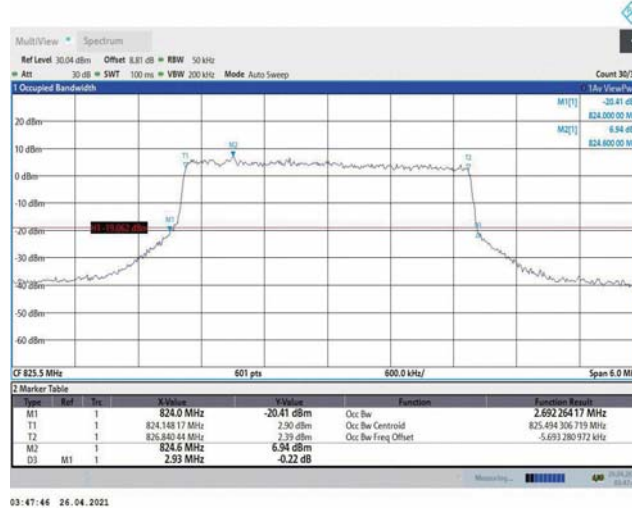
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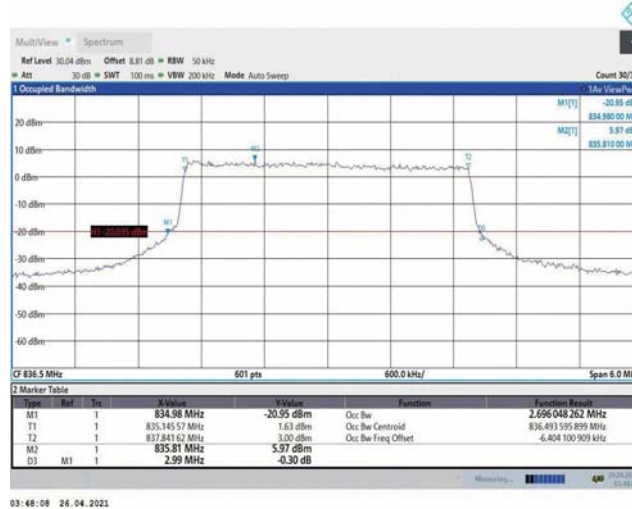
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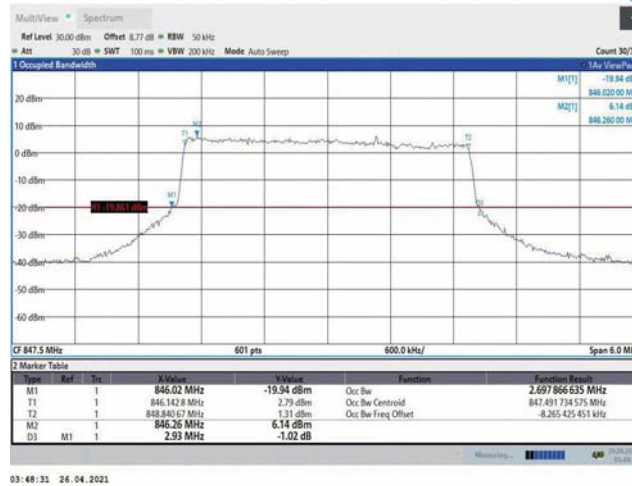
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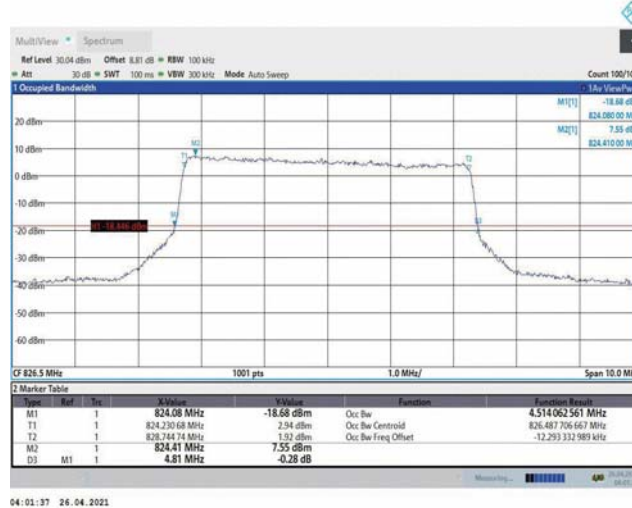
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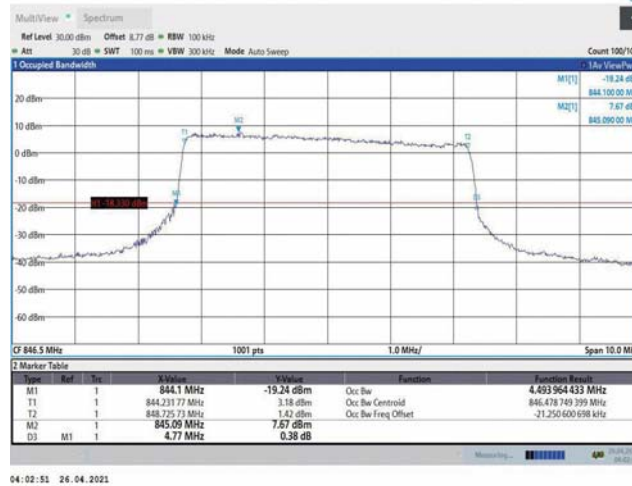
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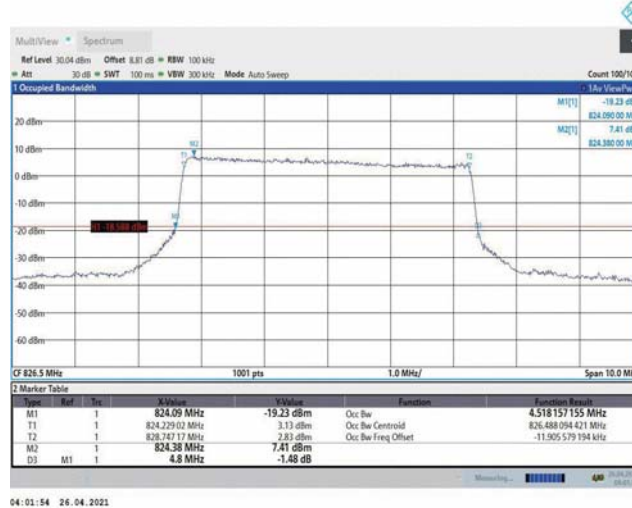
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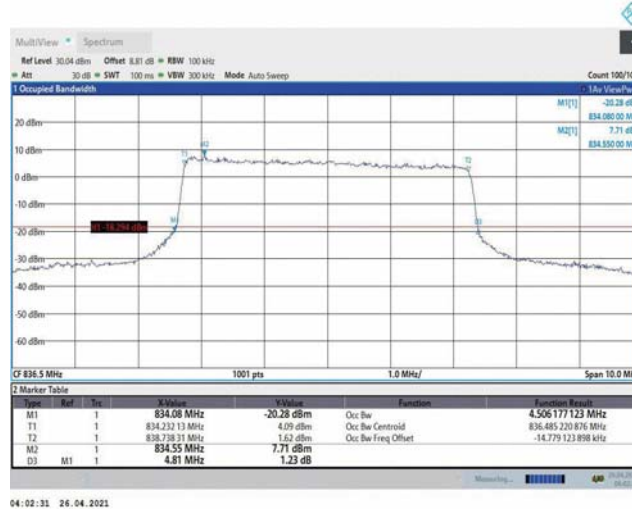
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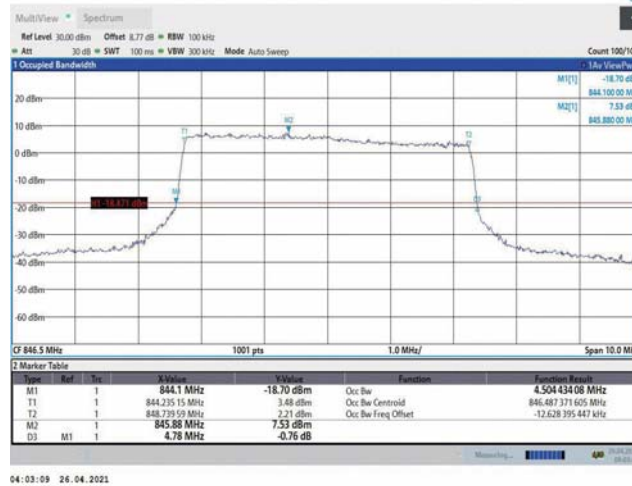
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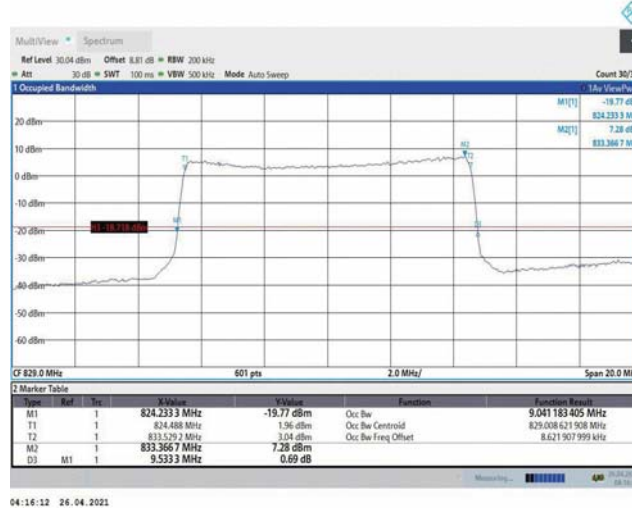
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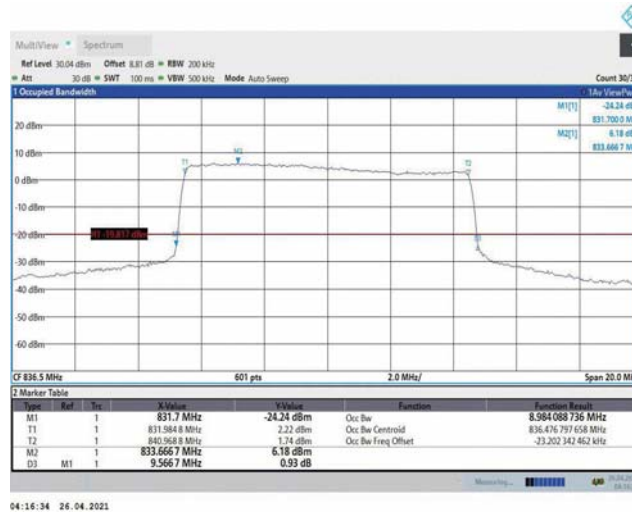
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Band5-5MHz-16QAM-20625-25RB#0-4.504



Band5-10MHz-QPSK-20450-50RB#0-9.041



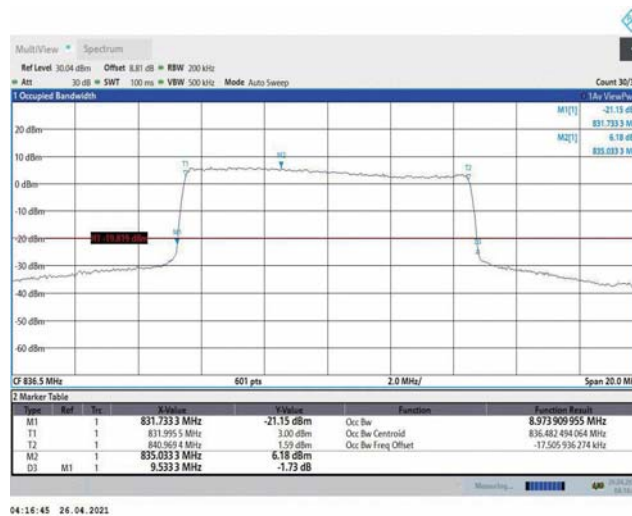
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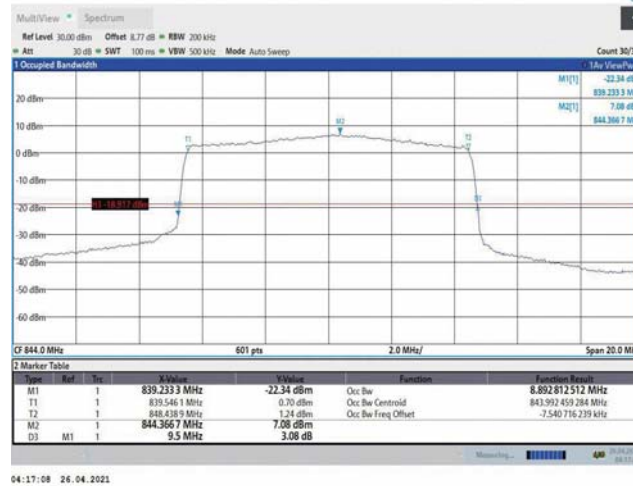
Band5-10MHz-QPSK-20600-50RB#0-8.906



Band5-10MHz-16QAM-20450-50RB#0-9.031



Band5-10MHz-16QAM-20525-50RB#0-8.974



Band5-10MHz-16QAM-20600-50RB#0-8.893

## Appendix D: Band Edge

### Test Result

ANT0:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -16.73      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | -43.01      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -23.86      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | -43.54      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -17.90      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -25.58      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -17.89      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | -42.73      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -24.14      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | -44.99      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -18.69      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -25.89      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -16.94      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#14           | -51.59      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -26.99      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | -56.63      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -17.00      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -30.70      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -17.49      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#14           | -52.34      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -28.52      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | -57.76      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -17.71      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -30.65      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -14.23      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#24           | -41.72      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -24.08      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | -47.08      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -15.43      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -28.80      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | -14.63      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#24           | -43.37      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | -25.03      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | -48.01      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#24           | -16.77      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | -29.58      | PASS    |

|       |       |       |       |        |        |      |
|-------|-------|-------|-------|--------|--------|------|
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | -19.00 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49 | -41.74 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | -29.86 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | -42.75 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -19.83 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -33.12 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -18.87 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -42.16 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -30.14 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | -43.70 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -21.43 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -32.76 | PASS |

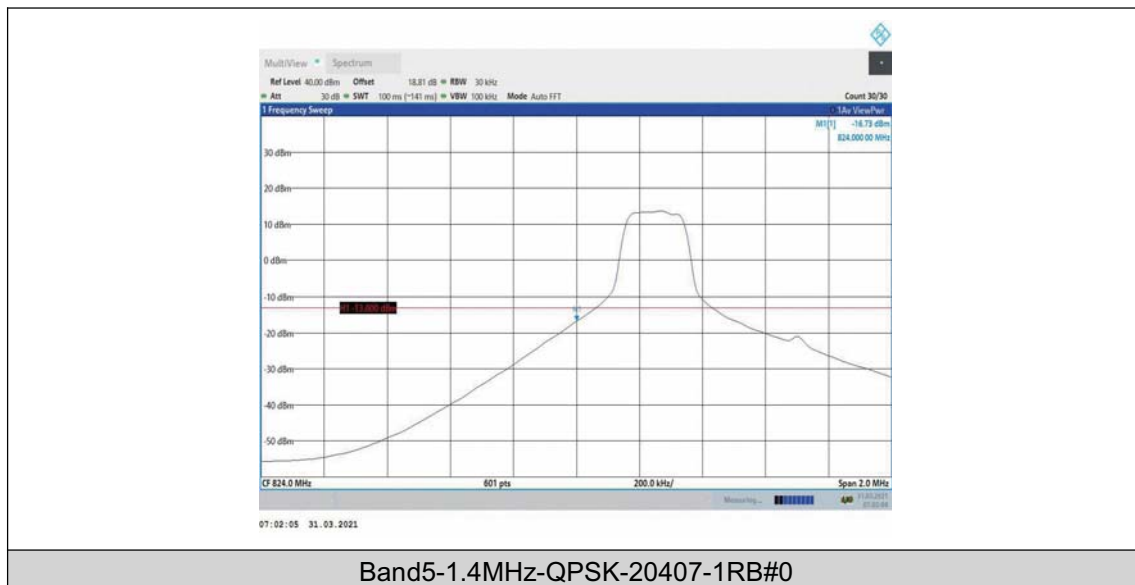
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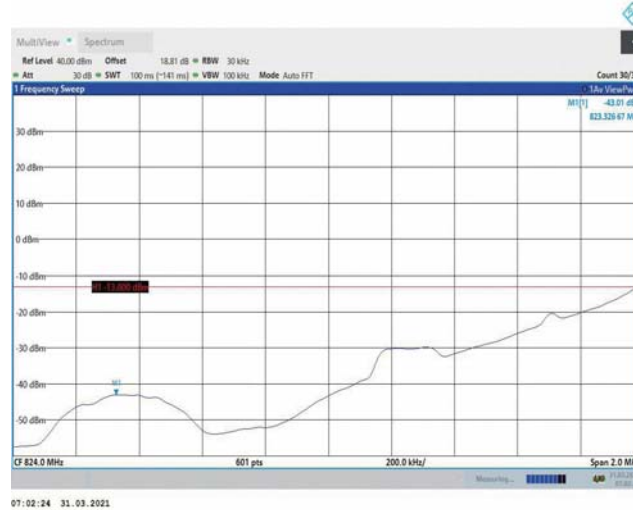
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -17.71      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | -43.22      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -24.77      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | -44.27      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -18.62      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -24.60      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -17.93      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | -42.85      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -23.51      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | -43.64      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -19.20      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -24.33      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -17.21      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#14           | -51.69      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -26.49      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | -56.97      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -17.92      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -29.73      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -16.91      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#14           | -51.59      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -27.15      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | -57.05      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -18.57      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -29.87      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -15.21      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#24           | -43.52      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -23.04      | PASS    |

|       |       |       |       |        |        |      |
|-------|-------|-------|-------|--------|--------|------|
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0  | -49.53 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#24 | -16.14 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | -28.24 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0  | -13.99 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24 | -43.11 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | -23.42 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0  | -50.08 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24 | -15.09 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | -27.62 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | -21.86 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49 | -44.30 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | -30.41 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | -45.56 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -22.30 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -32.90 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -21.76 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -44.64 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -31.46 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | -45.53 | PASS |
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| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -33.42 | PASS |

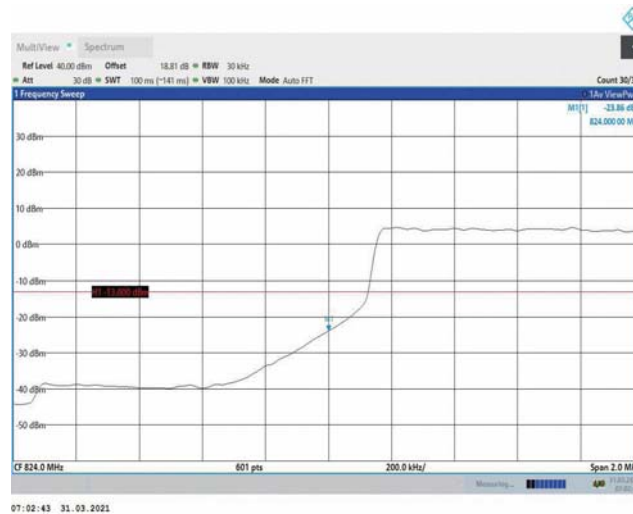
## Test Graphs

ANT0:

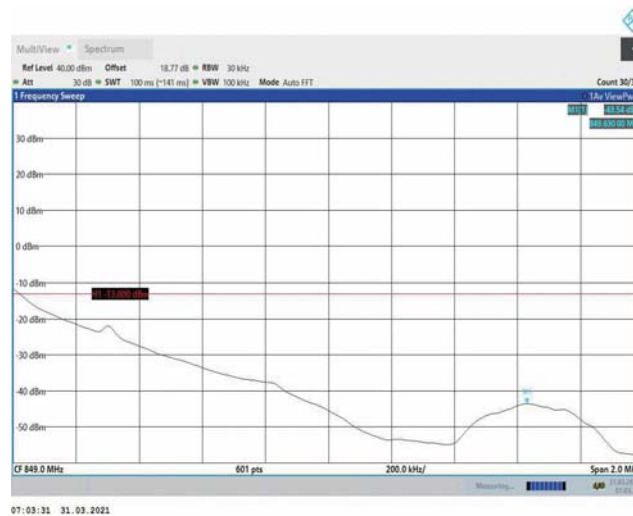




Band5-1.4MHz-QPSK-20407-1RB#5



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0